Anzon Australia
LIMITED

BASKER-2
VIC/L26
OFFSHORE GIPPSLAND BASIN
VICTORIA

WELL COMPLETION REPORT
VOLUME 1
BASIC DATA
March, 2006

Compiled by Helen Zammitt

Anzon Australia LIMITED

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1. WELL DATA RECORD

WELL DATA RECORD

Well Name	BASKER-2
Designation	Appraisal/Development
Permit Name	VIC/L26 Production Licence
Title Holders	Anzon Australia Limited (Anzon) 50% and Beach Petroleum Limited (Beach) 50%
Operator (per P(SL)A Well Operations Regulations	Anzon Australia Limited
Surface Location (GDA94, GRS80, MGA, UTM Zone 55)	Latitude 38º 17' 58.51"S Longitude 148º 42' 24.72"E 649251.9mE 5759566.4mN
Bottom Hole Location	Latitude 38º 18' 07.62"S Longitude 148º 42' 25.09"E 649255.6mE 5759285.50mN
Project Manager	Upstream Petroleum Pty. Ltd.
Rig Received	04:30 hrs 06 August, 2005
Spud Time/Date	12:00 hrs 14 August, 2005
TD date	14:00hrs 11 September, 2005
End Drilling/Start Completion Phase	06:30 hrs 18 September, 2005
End Completion Phase	12:00 hrs 30 September, 2005
Rig Released	08:00 hrs 2 October, 2005
Total Time Rig on Contract	57.1 days (1371.5 hours)
Water Depth	155.5m (below mean sea level)
Rotary Table	21.5m (above mean sea level)
Drilling Contractor / Rig Name / Type	Diamond Offshore General Company / Ocean Patriot / Semi-submersible
Well Status	Completed and Suspended for Extended Production Test
Total Depth	3414mMDRT (3344.6mTVDRT)
Maximum Deviation	30.1^{o} @ 2981mMDRT (2960mTVDRT)
Bottom Hole Location offset	280.9m on an Azimuth of 179.25 degrees

2. INTRODUCTION AND OPERATIONS SUMMARY

INTRODUCTION and OPERATIONS SUMMARY

The Basker-2 appraisal well was drilled by the semi-submersible rig Ocean Patriot in VIC/L26 (previously VIC/RL6) in the eastern part of the Offshore Gippsland Basin and is located 54kms south of Cape Conran (the nearest landfall). (Figure 1).

The two closest offset wells are Basker-1 (0.97km to SW), and Gummy-1 (2.95km to NE).

The primary objective of the well was to quantify the performance of the Basker Field oil reservoirs prior to the Basker-Manta Project full field development. Other key objectives were confirmation of reserves estimates, confirmation of the structural model and to complete all operations without injuries. All of these objectives were achieved.

Water depth at the Basker-2 location is 155.5 metres and the rotary table (RT) was 21.5 metres above mean sea level. In this well the datum is mean sea-level.

The Ocean Patriot drilling rig was anchored and fully tensioned for the commencement of drilling operations at 23.00 hours on 12th August 2005, with the well being spudded at 12.00 hours on 14th August 2005.

The 36" conductor hole was drilled to 209mMDRT where 30" x 20" conductor, with the PGB was run and set.

The 17½" surface hole was drilled riser-less to 1006mMDRT and 13⅜" surface casing set at 1000mMDRT.

The 12¼" intermediate hole was drilled to 2956mMD (2939mTVDRT), with kick-off depth being 2497mMD. During a trip at 2497mMDRT, the top stabiliser became stuck in the BOP as one of the middle rams was only partially closed, resulting in 7.9 days lost time. When drilling resumed a 9⅝" intermediate casing was subsequently set at 2945m MD (2929m TVDRTA).

One logging run was carried out at this point:

SUITE 1

Run 1 VSI(4)-GR

While running in the hole, the programe was cancelled due to a failure of the bearings in the drum.

SUITE 2

Run 1 VSI(4)-GR

15m spacing from 2500mMDRT to 2800mMDRT
(43 stations, corresponding to 148 levels)
The 8½" production hole was directionally drilled with a downhole mud motor and MWD tools to a TD of 3414m MD (3345mTVD) where an extensive programme of wireline run electric logs and pressure/fluid sampling was carried out. Approximately 1 day was lost due to a wash-out in drill pipe and other equipment related problems in this hole section.

An extensive logging programme was carried out at TD with the following runs:

SUITE 3

Run 1 FMI-DSI-PEX-HRLA-HNGS-SP

Run 2 VSI(4)-GR

15m spacing from 3400mMDRT to approx. 2440mMDRT (64 levels)

Run 3 MDT-GR
44 valid pretests, 8 oil samples, 1 gas sample, and 2 water samples

Run 4 MDT-GR
9 valid pretests, 7 oil samples (one 6-gallon, 2 x 2 ¾ gallon, 4 x 450cc PVT), 1 gas sample and 2 water samples

The 7" Production liner was run and cemented at 3413m MD (3344m TVD) with liner top at 2854mMD (2847mTVDRT) prior to starting completion operations.

Completion operations commenced at 06.30 on 18 September 2005 with a BOP test, following which a casing / liner cleanout trip was performed and the wellbore was displaced to filtered 8.9 ppg KCl brine. To evaluate the cement the following logs were run:

SUITE 4

Run 1 CBL-VDL-GR-CCL

The following eight intervals were perforated, overbalanced, with no fluid losses (Runs 2-7):

Upper Zone

3022.3-3026.6mMDRT	(2974.5-2978.2mTVDSS)
3097.6-3102.3mMDRT	(3040.4-3044.5mTVDSS)
3104.6-3109.0mMDRT	(3046.6-3050.4mTVDSS)
3130.6-3141.6mMDRT	(3069.5-3079.2mTVDSS)

Lower Zone

3239.6-3243.6mMDRT	(3166.4-3170.0mTVDSS)
3261.7-3269.3mMDRT	(3186.2-3193.1mTVDSS)
3273.0-3283.0mMDRT	(3196.4-3205.4mTVDSS)
3287.0-3291.0mMDRT	(3209.0-3212.6mTVDSS)

A gauge ring and junk basket were run across perforations (Run 8), wear bushing retrieved and the tubing hanger spaceout determined.

A 3½" x 4½" tandem chrome "intelligent" completion (IDHC) was run, the tubing hanger installed and tested, and the completion landed. The top packer was set and tested, followed by setting and testing of the bottom packer. The tubing hanger was tested and the 18¾" marine riser and BOPs retrieved.

The subsea tree was run, installed and tested. A small leak was detected between the opening control lines of the two IDHC valves but, as the impact of the leak was assessed as minor, it was decided to continue with the completion despite this problem. The tubing was circulated to diesel to provide underbalance and the well was cleaned up and flow tested from the upper (6525 bopd) and then the lower (5295 bopd) perforation groups.

Diesel was flushed through surface lines and bullheaded downhole. The SSSV and SST PMV were in-flow tested, the completion riser flushed with inhibited seawater and the riser and TRT

recovered to surface. The tree cap was run and tested, and the SST placed in suspension mode. A final seabed survey was carried out by the ROV.

Completion operations finished at 07.00 on 01 October 2005, with 1 day of lost time being incurred during this phase as a result of various minor rig and third party equipment problems.

Anchors were pulled and the rig was released at 08.00 hrs on 02 October 2005.

Basker 2 was mobilised, drilled, evaluated and completed in 57.1 days, compared to 42.0 days programmed. The actual time taken comprised 42.7 days of productive time (within 2% of planned time) and 14.4 days of lost / trouble time. The following table shows the time breakdown between the three major well phases :

	AFE Time	Actual Time		
Phase		**Productive**	**Lost / Trouble**	**Total**
Rig Move, Anchoring and Anchor Retrieval	4.7 days	4.8 days (55% of phase)	4.0 days (45% of phase)	8.8 days
Drilling and Evaluation	25.1 days	25.9 days (73% of phase)	9.4 days (27% of phase)	35.3 days
Completion, Testing and Suspension	12.2 days	12.0 days (92% of phase)	1.0 days (8% of phase)	13.0 days
Total	**42.0 days**	**42.7 days (75% of total)**	**14.4 days (25% of total)**	**57.1 days**

The final well cost is estimated to be approximately A$30.9 million compared to the AFE amount of A$24.7 million, with the majority of the variances occurring as a result of lost / trouble time during the Rig Move and Intermediate Hole phases. The following table shows the cost breakdown between the three major well phases :

Phase	**AFE Cost**	**Actual Cost**	**Variance**
Rig Move, Anchoring and Anchor Retrieval	$1,427k	$2,934	+$1,507k (+106%)
Drilling and Evaluation	$11,688k	$17,574	+$5,886k (+50%)
Completion, Testing and Suspension	$11,619k	$10,356k	-$1,263k (-11%)
Total	**$24,734k**	**$30,864k**	**+$6,130k (+25%)**

3. WIRELINE LOGS AND SURVEYS

Wireline Suite

Well: BASKER - 2

Logging Suite Details

Suite No.	1	Anzon Witness:	M.Woodmansee/R.Blackmore
Wireline Depth MDBRT:	1006.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDBRT:	1000.1	Wireline Engineer 1:	G.Ruthven
Maximum Deviation:		Wireline Engineer 2:	S.Nakanishi

Mud Resistivity Data

Run No.		
1	Mud Source: No mud sample. Rmf:	Rm: Rmc:

Run Depth Summary

Run No.	Tool String	Log Top	Log Bottom	Remarks
1	VSI-GR			Held JSA on rig floor, rigged up tools and ran in hole. Unit engine failed at 40m. Pulled out of hole and rigged down wireline.

Circulation History

Run No.	Date / Time circulation started	Date / Time circulation stopped	Date / Time tool left max depth	Time Since circulation ended	Max BHT	Remarks
1	14 Aug 2005 - 12:00	16 Aug 2005 - 21:30	19 Aug 2005 - 10:30	2 Days 13 Hours		Not applicable.

Time Analysis

Run No.	Start Ops Date/Time	End Ops Date/Time	Productive Time	Non- Productive Time	Total Logging Time	Wiper Trip Time	Total Operation Time
1	19 Aug 2005 - 08:00	19 Aug 2005 - 11:30	0 hrs 56 mins	2 hrs 35 mins	3 hrs 30 mins	0 hrs 0 mins	3 hrs 30 mins
TOTALS			0 hrs 56 mins	2 hrs 35 mins	3 hrs 30 mins	0 hrs 0 mins	3 hrs 30 mins

Detailed Operational Summary

Date	Class	Start Time	End Time	Duration mins	End Depth MDBRT	Activity
1						
19 Aug 2005	PT	08:00	08:05	5		Held JSA on rig floor.
19 Aug 2005	PT	08:05	08:30	25		Make up tools.
19 Aug 2005	PT	08:30	08:40	10		Surface checks on tools.
19 Aug 2005	PT	08:40	08:55	15		Run in hole to 40m and set compensators.
19 Aug 2005	LTO	08:55	10:30	95		Wireline unit engine failed and crack in seal assembly found at front of engine. Pulled out of hole with wireline and tools.
19 Aug 2005	LTO	10:30	11:30	60		Rig down tools and wireline due to engine failure. Hand back rig-floor to drilling.

Logging Suite Details

Suite No.	2	Anzon Witness:	R.Blackmore/M.Woodmansee
Wireline Depth MDBRT:	2497.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDBRT:	1000.1	Wireline Engineer 1:	G.Ruthven
Maximum Deviation:		Wireline Engineer 2:	

Mud Resistivity Data

Run No.		
1	Mud Source: Rmf:	Rm: Rmc:

Run Depth Summary

Run No.	Tool String	Log Top	Log Bottom	Remarks
1				

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Well: BASKER - 2

Circulation History

Run No.	Date / Time circulation started	Date / Time circulation stopped	Date / Time tool left max depth	Time Since circulation ended	Max BHT	Remarks
1	-	-	-			

Time Analysis

Run No.	Start Ops Date/Time	End Ops Date/Time	Productive Time	Non- Productive Time	Total Logging Time	Wiper Trip Time	Total Operation Time
1	-	-	6 hrs 0 mins	0 hrs 0 mins	6 hrs 0 mins	0 hrs 0 mins	6 hrs 0 mins
TOTALS			6 hrs 0 mins	0 hrs 0 mins	6 hrs 0 mins	0 hrs 0 mins	6 hrs 0 mins

Detailed Operational Summary

Date	Class	Start Time	End Time	Duration mins	End Depth MDBRT	Activity
1						
24 Aug 2005	PT	15:45	16:00	15		JSA & rig up wireline.
24 Aug 2005	PT	16:00	18:30	150		Discussions with town.
24 Aug 2005	PT	18:30	18:35	5		Prepare to arm bar.
24 Aug 2005	PT	18:35	19:45	70		Prepare backoff bar.
24 Aug 2005	PT	19:45	20:00	15		RIH to shooting point.
24 Aug 2005	PT	20:00	20:25	25		Standby to shoot. Prepare things on rig floor.
24 Aug 2005	PT	20:25	20:45	20		Shoot backoff successfully. Backoff most likely at HWDP.
24 Aug 2005	PT	20:45	21:15	30		POOH with string-shot.
24 Aug 2005	PT	21:15	21:20	5		Break down tools and lift isolation permit for top-drive.
24 Aug 2005	PT	21:20	21:45	25		Rig down lower sheave and tie off cable. Leave upper sheave in the crown. Rig starts to POOH.

Logging Suite Details

Suite No.	3	Anzon Witness:	R.Blackmore/M.Woodmansee
Wireline Depth MDBRT:	2741.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDBRT:	1000.1	Wireline Engineer 1:	N.Sabanegh
Maximum Deviation:		Wireline Engineer 2:	

Mud Resistivity Data

Run No.		
1	Mud Source:	Rm:
	Rmf:	Rmc:

Run Depth Summary

Run No.	Tool String	Log Top	Log Bottom	Remarks
1				

Circulation History

Run No.	Date / Time circulation started	Date / Time circulation stopped	Date / Time tool left max depth	Time Since circulation ended	Max BHT	Remarks
1	-	-	-			

Time Analysis

Run No.	Start Ops Date/Time	End Ops Date/Time	Productive Time	Non- Productive Time	Total Logging Time	Wiper Trip Time	Total Operation Time
1	-	-	11 hrs 11 mins	0 hrs 0 mins	11 hrs 11 mins	0 hrs 0 mins	11 hrs 11 mins
TOTALS			11 hrs 11 mins	0 hrs 0 mins	11 hrs 11 mins	0 hrs 0 mins	11 hrs 11 mins

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Well: BASKER - 2

Detailed Operational Summary

Date	Class	Start Time	End Time	Duration mins	End Depth MDBRT	Activity
1						
03 Sep 2005	PT	07:20	07:35	15		JSA on rig floor.
03 Sep 2005	PT	07:35	08:15	40		Rig up sheaves.
03 Sep 2005	PT	08:15	08:50	35		Rig up tools.
03 Sep 2005	PT	08:50	09:45	55		Run in hole to first checkshot point seasoning cable when applicable.
03 Sep 2005	PT	09:45	09:55	10		Checkshot at 940 m.
03 Sep 2005	PT	09:55	10:45	50		RIH and season cable as applicable.
03 Sep 2005	PT	10:45	11:00	15		Record depth correction pass.
03 Sep 2005	PT	11:00	11:30	30		Checkshot at 2140 m and RIH to 2500 m to begin survey.
03 Sep 2005	PT	11:30	17:35	365		Record seismic stations from 2500m-234 mMDRT. 5 good shots for the VSP component and 3 good shots for the Checkshot component.
03 Sep 2005	PT	17:35	18:30	55		POOH and rig down tools and sheaves. Well to client.

Logging Suite Details

Suite No.	4	Anzon Witness:	M.Woodmansee/R.Blackmore
Wireline Depth MDBRT:	3414.5	Wireline Company:	Schlumberger
Wireline Shoe Depth MDBRT:	2948.0	Wireline Engineer 1:	N.Sabanegh
Maximum Deviation:		Wireline Engineer 2:	K.Sintoovongse

Mud Resistivity Data

Run No.		
1	Mud Source:	Rm:
	Rmf:	Rmc:

Run Depth Summary

Run No.	Tool String	Log Top	Log Bottom	Remarks
1				

Circulation History

Run No.	Date / Time circulation started	Date / Time circulation stopped	Date / Time tool left max depth	Time Since circulation ended	Max BHT	Remarks
1	-	-	-			

Time Analysis

Run No.	Start Ops Date/Time	End Ops Date/Time	Productive Time	Non- Productive Time	Total Logging Time	Wiper Trip Time	Total Operation Time
1	-	-	12 hrs 50 mins	1 hr 32 mins	14 hrs 21 mins	0 hrs 0 mins	14 hrs 21 mins
TOTALS			12 hrs 50 mins	1 hr 32 mins	14 hrs 21 mins	0 hrs 0 mins	14 hrs 21 mins

Detailed Operational Summary

Date	Class	Start Time	End Time	Duration mins	End Depth MDBRT	Activity
1						
12 Sep 2005	PT	00:00	01:56	116	0.00	Held JSA, rig up tools, rig up Sheaths, power up and surface checks, load nuclear source.
12 Sep 2005	PT	00:00	01:56	116		Held JSA, rig up tools, rig up Sheaths, power up and surface checks, load nuclear source.
12 Sep 2005	PT	01:56	04:30	154	3360.00	Run in hole, set compensators, perform cable seasoning at 500m, 1000m, 1500, 2000m 2500m and 2900m. Aquire down log while RIH.
12 Sep 2005	PT	04:30	04:53	23		Log repeat section from3345m - 3231m. Apply depth

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Well: BASKER - 2

Detailed Operational Summary

Date	Class	Start Time	End Time	Duration mins	End Depth MDBRT	Activity
						corrections. Stretch +7.8, Rig correction +0.1, -1.0m tide correction applied when compensatior set.
12 Sep 2005	PT	04:53	05:12	19	3414.50	Run in to bottom. Wireline TD at 3414.5m.
12 Sep 2005	PT	05:12	06:42	90		Log up main pass to 40m inside 9 5/8" casing shoe. Open hole logged in HI-Res at 1200 ft/hr. Software glitches caused a loss of neutron density data at 3142-3144m, 3305-3307m and 3335-3337m, FMI calipers were closed prematurely at 2979m
12 Sep 2005	LTS	06:42	08:13	91		Run down and aquire log "patches" over bad Neutron Density at 3142-3144m, 3305-3307m and 3335-3337m, aquire FMI from 2990-2955m.
12 Sep 2005	PT	08:13	10:15	122		Log sonic in casing.
12 Sep 2005	PT	10:15	11:08	53		POOH
12 Sep 2005	PT	11:08	12:25	77		Rig down tools and complete run.

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4. SUMMARY OF FORMATION TEST PROGRAM

BASKER-2 PRETEST

WIRELINE PRESSURE SURVEY RESULTS

INPUT DATA IN WHITE CELLS ONLY

WELL:	Basker-2	PROBE TYPE:	Large Diameter
FIELD:	Basker	GAUGE:	CQG
RUN DATE:	12-Sep-05	GAUGE RESOLUTION (psi)	0.1
RIG:	Ocean Patriot		
RT (m):	21.5		
CONTRACTOR:	Schlumberger		

SUITE #	RUN #	PRETEST #	MEASURED DEPTH mRT	TVD mRT	TVD mSS	BEFORE HSP psia	FORMATION PRESSURE psia	AFTER HSP psia	MOBILITY md/cp	TEMP deg C	VOLUME cc	TIME sec	TIME min	VALID	NO SEAL	LOW PERM	OTHER	COMMENTS
		MDT	**Run 3**															
4	3	1	2991.8		2947.99	4,777.9				99.50	10					x		tight abort
		2	2991.5		2947.69	4,778.3				100.50	5				x			re-try
		3	2991.6		2947.79	4,778.4		4,778.30		100.90	5x15				x			re-try
		4	3009.3		2963.15	4,802.7	4,267.64	4,802.73	2.3	101.20	10x10			x				
		5	3025.20		2976.97	4,826.6	4,290.73	4,826.50	75.5	102.30	10x10			x				
		6	3028.30		2979.67	4,829.6					10x10				x			
		7	3028.4		2979.77	4,829.7				103.40	10x10				x			re-try
		8	3029		2980.3	4,831.3	4,293.77	4,831.20	2501.0	103.60	10x10			x				re-try
		9	3031.00		2982.04	4,833.8	4,295.59	4,833.70	294.0	103.90	10x10			x				
		10	3034.50		2985.09	4,838.2				104.10	10					x		tight abort
		11	3035		2985.52	4,839.6	4,313.98	4,839.50	29.0	104.20	10x10			x				re-try
		12	3044.30		2993.65	4,851.8				104.20	10					x		tight abort
		13	3044.5		2993.83	4,852.6	4,315.87	4,852.72	9.6	104.60	10x10			x				re-try
		14	3049.00		2997.77	4,859.2	4,319.69	4,859.20	169.0	104.70	10x10			x				
		15	3053.50		3001.7	4,865.1	4,325.13	4,865.30	23.4	104.80	10x10			x				
		16	3061.20		3008.45	4,876.3				105.00	10					x		GR correlate after station 16
		17	3061.20		3008.45	4,875.8				105.50	10					x		GR depth correction +0.4m applied.
		18	3061.50		3008.71	4,876.0				105.10	10					x		re-try tight abort
		19	3066.00		3012.66	4,882.1				105.00	10					x		
		20	3066.50		3013.09	4,883.9	4,344.95	4,882.47	538.0	105.30	10x10			x				re-try
		21	3076.20		3021.6	4,897.4	4,356.58	4,897.19	164.0	105.60	10x10			x				
		22	3085.30		3029.58	4,910.1				105.90	10					x		
		23	3085.60		3029.85	4,911.4				106.50	10						x	re-try, slow build up. Super charged.
		24	3086.00		3030.3	4,911.0	4,368.68	4,910.43	202.0	106.40	10x10			x				re-try
		25	3088.70		3032.57	4,914.8	4,372.22	4,914.78	3896.0	106.30	10x10			x				
		26	3100.00		3042.48	4,930.8	4,394.68	4,930.50	337.0	106.40	10x10			x				
		27	3105.50		3047.32	4,937.8	4,399.42	4,937.91	6.2	107.00	10x10						x	Unreliable retracted by error when doing second 10cc Draw down.
		28	3105.70		3047.51	4,940.5	4,398.87	4,938.96	927.0	107.20	10x10			x				re-try
		29	3108.00		3049.51	4,941.2	4,400.67	4,941.39	2.3	107.10	10x10			x				
		30	3131.00		3069.8	4,973.7	4,440.28	4,974.18	242.0	107.40	10x10			x				
		31	3133.40		3071.92	4,977.0	4,441.87	4,977.00	1147.0	107.90	10x10			x				
		32	3140.00		3077.75	4,986.3	4,448.31	4,986.00	776.0	108.00	10x10			x				
		33	3151.00		3087.47	5,002.3	4,470.00	4,985.90	0.4	108.10	10x5						x	slow build up / pressure not stabilized
		34	3151.00		3087.47	5,000.5				109.00	10x10				x			GR correlation prior to this test. Correction +1.0m. Repeat test
		35	3163.70		3098.7	5,018.9	4,489.50	5,018.96	8.3	108.40	10x10					x		slow build up / pressure not stabilized. Hole sticky no re-try.
		36	3173.80		3107.66	5,033.8	4,487.31	5,033.45	3584.0	108.90	10x10			x				
		37	3179.30		3112.52	5,041.4	4,492.99	5,041.62	232.0	109.30	10x10			x				
		38	3201.00		3131.82	5,072.4	4,535.50	5,072.20	245.0	109.80	10x10			x				
		39	3202.80		3133.45	5,075.7	4,538.26	5,075.01	22.8	110.20	10x10			x				
		40	3223.20		3151.66	5,104.9	4,562.29	5,103.83	107.0	110.60	10x10			x				
		41	3226.50		3154.61	5,107.8				111.20	10x10				x			
		42	3226.50		3154.61	5,108.6	4,569.85	5,108.60	10.7	111.20	10x10			x				Pull up to same depth for re-try.
		43	3237.00		3164.03	5,123.4				111.40	10x10				x			
		44	3237.00		3164.03	5,123.7				111.60	10x10				x			Pull up to same depth for re-try.
		45	3236.70		3163.76	5,124.1				111.70	10				x			re-try
		46	3241.50		3168.05	5,129.6	4,621.29	5,129.68	117.0	111.70	10x10			x				
		47	3243.00		3169.41	5,132.5	4,622.64	5,132.35	1372.0	111.80	10x10			x				
		48	3237.30		3164.3	5,124.8				111.90	10				x			re-try directed from town. 10cc press limited DD
		49	3262.70		3187.09	5,161.5	4,634.19	5,160.18	52.0	111.70	10x10			x				
		50	3264.00		3188.26	5,148.4				112.30	10				x			no seal
		51	3263.50		3187.81	5,161.8	4,634.49	5,161.70	194.3	112.60	10x10			x				
		52	3277.10		3200.03	5,181.9	4,644.33	5,181.80	16.2	112.90	10x10			x				
		53	3281.50		3203.99	5,188.2				113.30	10x10					x		Slow build-up-not stabilised after 2 drawdown
		54	3288.00		3209.83	5,197.0	4,654.77	5,196.79	317.0	113.70	10x10			x				
		55	3298.30		3219.09	5,210.8	4,688.14	5,210.30	73.3	114.60	10x10			x				
		56	3301.20		3221.69	5,215.4	4,689.85	5,214.60	16.6	114.70	10x10			x				
		57	3281.50		3203.99	5,185.2				114.80	10x10				x			Re-try following correlation pass-still no good
		58	3355.50		3270.5	5,293.5	4,760.00			114.50	10x10					x		Slow build-up-not stabilised after 10 minutes
		59	3357.3		3272.12	5,297.2	4,756.37	5,296.67	238.2	115.90	10x10			x				No trouble moving off station.
		60	3363.8		3277.96	5,306.2				116.60	10x10					x		Curtailed after 10 minutes-not stabilised.
		61	3364.80		3278.86	5,307.8				117.10	10x10				x			No seal
		62	3366.60		3280.48	5,311.5				117.40	10					x		Tight test
		63	3365.60		3279.58	5,308.7				117.90	10					x		Tight test
														33	13	14	3	
4	4	**MDT**	**RUN 4**															
		64	3118.50		3058.76	4,944.8				106.90	10					x		
		65	3118.60		3058.86	4,945.9				108.40	5				x			Pressure limited Drawdawn
		66	3118.70		3058.96	4,945.4				109.00	4.7					x		Pressure limited Drawdawn
		67	3120.40		3060.45	4,947.6				109.60	10x10				x			
		68	3164.10		3099.05	5,010.7	4,468.74	5,010.48	39.6	109.90	10x10			x				
		69	3243.00		3169.4	5,123.5	4,622.03	5,123.32	94.6	112.90	10x10			x				GR correlation prior to this test. Depth correction +0.8m
		70	3263.40		3187.7	5,152.4				114.10	10				x			Following this pretest a sample was collected in the 2 3/4 gall chamber.
		71	3263.50		3187.8	5,153.5	4,634.84	5,153.12	143.0	114.50	10x10			x				Mobility not valid, build down not build up. Finishe pretest after sampling
		72	3164.10		3099.05	5,008.8	4,481.20	5,008.68		113.80				x				From pumpout after 19 mins
														4	3	2	0	

BASKER-2 SAMPLES

WIRELINE SAMPLING SURVEY RESULTS

INPUT DATA IN WHITE CELLS ONLY

WELL:	Basker-2	PROBE TYPE:	Large Diameter
FIELD:	Basker	GAUGE:	CQG
RUN DATE:	12-Sep-05	GAUGE RESOLUTION (psi):	0.1
RIG:	Ocean Patriot		
RT (m):	21.5		
CONTRACTOR:	Schlumberger		

									PUMPOUT						SAMPLE CHAMBER				
SUITE #	RUN #	Priority	SAMPLE #	MEASURED DEPTH mRT	TVD mRT	TVD mSS	CHAMBER SIZE	CHAMBER SERIAL #	TIME START	TIME END	DURATION mins	VOLUME cc	INTERP. FLUID	REASON eg Res, OFA	TIME OPEN	TIME CLOSE	DURATION mins	FINAL PRESS. psia	COMMENTS
4	3	1	1	**3,357.3**		3,272.1	450cc	**123.0**	15:13:00	16:10:00	80.0	31,525.0	OIL	CFA/LFA	16:10:00	16:15:00	5.0	7,500.0	Drawdown flowline pressure 4700psi (50psi below)
		1	2	**3,357.3**		3,272.1	450cc	**186.0**	15:13:00	16:10:00	80.0	31,525.0	OIL	CFA/LFA	16:25:00	16:30:00	5.0	7,500.0	Drawdown flowline pressure 4700psi (50psi below)
		2	3	**3,133.4**		3,071.9	450cc	**316.0**	17:20:00	18:10:00	54.0	32,980.0	OIL	CFA/LFA	18:08:00	18:10:00	2.0	7,400.0	Drawdown flowline pressure 4380psi (50psi below)
		2	4	**3,133.4**		3,071.9	450cc	**478.0**	17:20:00	18:10:00	54.0	32,980.0	OIL	CFA/LFA	18:13:00	18:15:00	2.0	7,400.0	Drawdown flowline pressure 4380psi (50psi below)
		3	5	**3,106.0**		3,047.8	450cc	**494.0**	19:15:00	20:15:00	60.0	32,010.0	OIL	CFA/LFA	20:15:00	20:17:00	2.0	7,400.0	Drawdown flowline pressure 4200psi (50psi below)
		3	6	**3,106.0**		3,047.8	450cc	**501.0**	19:15:00	20:20:00	65.0	34,435.0	OIL	CFA/LFA	20:20:00	20:22:00	2.0	7,400.0	Drawdown flowline pressure 4200psi (50psi below)
		4	7	**3,066.5**		3,013.1	450cc	**122.0**	20:48:00	22:42:00	120.0	69,355.0	WATER	CFA/LFA	22:44:00				Bottle did not open.
		4	8	**3,066.5**		3,013.1	450cc	**192.0**	20:48:00	22:42:00	120.0	72,750.0	WATER	CFA/LFA	22:48:00	22:49:00	2.0	7,400.0	Drawdown flowline pressure 4350psi (50psi below)
		4	9	**3,066.5**		3,013.1	450cc	**310.0**	20:48:00	23:24:00	160.0	94,575.0	WATER	CFA/LFA	23:24:00	23:25:00	2.0	7,400.0	0.049 ohm on flowline resistivity
		5	10	**3,241.5**		3,168.1	450cc	**485.0**	23:51:00	1:20:00	89.0	26,750.0	OIL	CFA/LFA	1:21:00	1:24:00	3.0	6,470.0	Drawdown flowline pressure 4250psi (200psi below)
		5.1	11	**3,243.0**		3,169.4	6 gall	**485.0**	1:38:00	6:10:00	108.0	60,000.0	OIL	CFA/LFA					Exit port stuck open sample lost
		6	12	**3,262.7**		3,187.1	n/a	n/a	6:24:00	7:30:00	66.0	12,700.0	OIL/GAS	CFA/LFA	Pump out only 900psi Draw-Down				Oil / Heavy Gas indicated
		7	13	**3,298.0**		3,218.8	n/a	n/a						CFA/LFA	Pump out only				Formation too tight for pump out
		8	14	**3,201.0**		3,131.8	n/a	n/a	9:10:00	10:41:00	91.0	80,500.0	WATER	CFA/LFA	Pump out only 100psi drawdown				0.042 ohm
		8.1	15	**3,175.0**		3,108.7	450cc	**487.0**	11:30:00	12:26:00	70.0	35,800.0	WATER	CFA/LFA	12:36:00	12:37:00	2.0	7,400.0	Flowing pressure is 4000psi (400psi below)
		8.2	16	**3,163.7**		3,098.7	n/a	n/a	12:50:00	14:15:00	76.0	20,370.0	WATER	CFA/LFA	Pump out only				Drawing down 1400psi below formation pressure
		9	17	**3,044.3**		2,993.7	450cc	**497.0**	14:50:00	15:32:00	50.0	13,580.0	GAS	CFA/LFA	15:26:00	15:31:00	5.0	8,000.0	Drawdown 600psi below formation pressure
4	4	10	18	**3263.5**		3187.8	2 3/4 gall	**23.0**	1:45:00	3:06:00	81.0	48,200.0	OIL light	CFA/LFA	3:06:00	3:35:00	29.0	7,635.0	Drawdown 200psi
		11	19	**3362.0**		3276.35					Sample station abandoned formation to tight								Tight attempted 3362m, 3361m and 3361.5m
		12	20	**3289.3**		3219.1	450cc	**187.0**	4:57:00	6:09:00	72.0	50,440.0	OIL	CFA/LFA	6:09:00	6:10	1	8300	Drawdown 150psi. Planned as pumpout, decision made to sample. Final formation pressure after 10cc DD 4641.1 psi. Mobility 650.
		13	21	**3290.5**		3212.18			6:25:00	7:05:00	40.0	6,790.0	n/a		Abandoned pump rate to slow				Drawdown 960psi. Abandon slow pump rate total 6.79lt pumped. 10cc drawdown for formation pressure 4642.6psi.
			22	**3299.3**		3219.99							n/a		Point abandoned could not get a seal				Additional point rquested from town.
		14	23	**3288.0**		3209.83	450cc	**66.0**	8:15:00	8:47:00	33.0	16,500.0	OIL	CFA/LFA	8:47:00	8:50:00	3.0	8,200.0	150cc DD. 10cc DD at end of sampling, final formation pressure 3654.49m Mobility 295.
		15	24	**3243.0**		3169.4	6 gall	**51.0**	9:08:00	10:20:00	72.0	37,345.0	OIL	CFA/LFA	10:20:00	11:51:00	91.0	7,620.0	150cc DD. Post filling chamber, 10cc DD, formation pressure 4622.10psi. Mobility 71.
		16	25	**3223.2**		3151.66			12:00:00	13:00:00	50.0	20,855.0	WATER	CFA/LFA	Pump out only				Drawdown 700psi below FP during pumpout.
		17	26	**3201.0**		3131.80	450cc	**477.0**	13:10:00	14:05:00	56.0	38,315.0	WATER	CFA/LFA	14:06:00	14:07:00	2.0	7,500.0	Drawdown 300psi below FP
		18	27	**3133.4**		3071.92	2 3/4gal	**33.0**	15:35:00	15:57:00	22.0	15,520.0	OIL	CFA/LFA	15:57:00	16:11:00	14.0	7,500.0	Drawdown 40psi below FP
		19	28	**3009.3**		2963.15	450cc	**286.0**	16:37:00	18:07:00	94.0	65,960.0	WATER	CFA/LFA	18:07:00	18:09:00	2.0	7,500.0	Drawdown 600psi below FP
		20	29	**3023.4**		2975.40	450cc	**479.0**	18:24:00	19:21:00	62.0	40,255.0	OIL	CFA/LFA	19:23:00	19:25:00	2.0	7,500.0	Drawdown 400psi below FP
		21	30	**3023.4**		2975.40	450cc	**498.0**	18:24:00	19:21:00	63.0	41,710.0	OIL	CFA/LFA	19:27:00	19:28:00	1.0	7,500.0	Drawdown 400psi below FP

5. TEMPERATURE RECORD

BOTTOM HOLE TEMPERATURE

Horner Plot for Stabilised BHT

Well	BASKER-2	Hole Size	8 1/2	inches
Date	16-9-2005	TD Depth (driller)	3414	mRT
Rig	OCEAN PATRIOT	TD Depth (logger)	3414	mRT

	Depth Temp Recorded		Tools Run
Run #1	3368	mRT	PEX-FMI_DSL
Run #2	3330	mRT	VSI/4 - GR
Run #3	3366	mRT	MDT
Run #4	3361	mRT	MDT
Run #5	3373	mRT	CBL

Dates and Times

Activity	Time	Depth mRT	delta t Hrs	t Hrs	delta t/(delta t + t)	Temp (deg C)
Drilling Stopped	2005-09-11 14:00					
Circulating Commenced	2005-09-11 14:00					
Circulating Stopped	2005-09-11 15:30					
Circulation Time	1:30					
1st log on bottom	2005-09-12 5:00	3368	13:30	1:30	0.9000	108
2nd log on bottom	2005-09-12 16:00	3330	24:30	1:30	0.9423	108
3rd log on bottom	2005-09-13 15:00	3366	47:30	1:30	0.9694	118
4th log on bottom	2005-09-15 1:30	3361	82:00	1:30	0.9820	119

Extrapolated BHT= 121 deg C

6. LWD/MWD RUN SUMMARY

LWD/MWD RUN SUMMARY

Run No.	Bit No.	Hole Size (mm)	MWD Service	Start Depth (mMDRT)	End Depth (mMDRT)	Drill/Wipe Distance (mMDRT)	Run Start Date Time	Run End Date Time	BRT Hrs.	Oper. Hrs.	Circ. Hrs.	Max Temp. (degC)	Serv. Int	Trip for MWD
0100	2	445	DIR-GR	208	1006	798	15/08/2005 13:00	17/08/2005 2:37	37.62	37.62	26.25	24	No	No
0200	3	311	DIR-FE	1006	2497	1491	19/08/2005 15:49	25/08/2005 14:38	142.81	142.81	57.99	63	No	No
0300	4	311	DIR-FE	2497	2741	244	31/08/2005 2:48	3/09/2005 3:46	72.98	72.98	56.46	80	No	No
0400	5	311	DIR-FE	2741	2956	215	3/09/2005 19:32	6/09/2005 7:40	60.14	60.14	36.57	85	No	No
0500	6	216	DIR-FE	2956	3310	354	8/09/2005 2:45	10/09/2005 5:12	50.45	50.45	28.07	96	No	No
0600	7	216	DIR-FE	3310	3414	104	10/09/2005 5:57	11/09/2005 22:58	41.02	41.02	22.92	108	No	No
						3206			**405.02**	**405.02**	**228.26**		**0**	**0**

Summary information taken from the Sperry Drilling Services Report (Refer Appendix 6)

FIGURES

Anzon Australia LIMITED

LOCALITY MAPS – FIGURES 1 & 2

Anzon Australia LIMITED

BASKER-2 LOCATION MAP

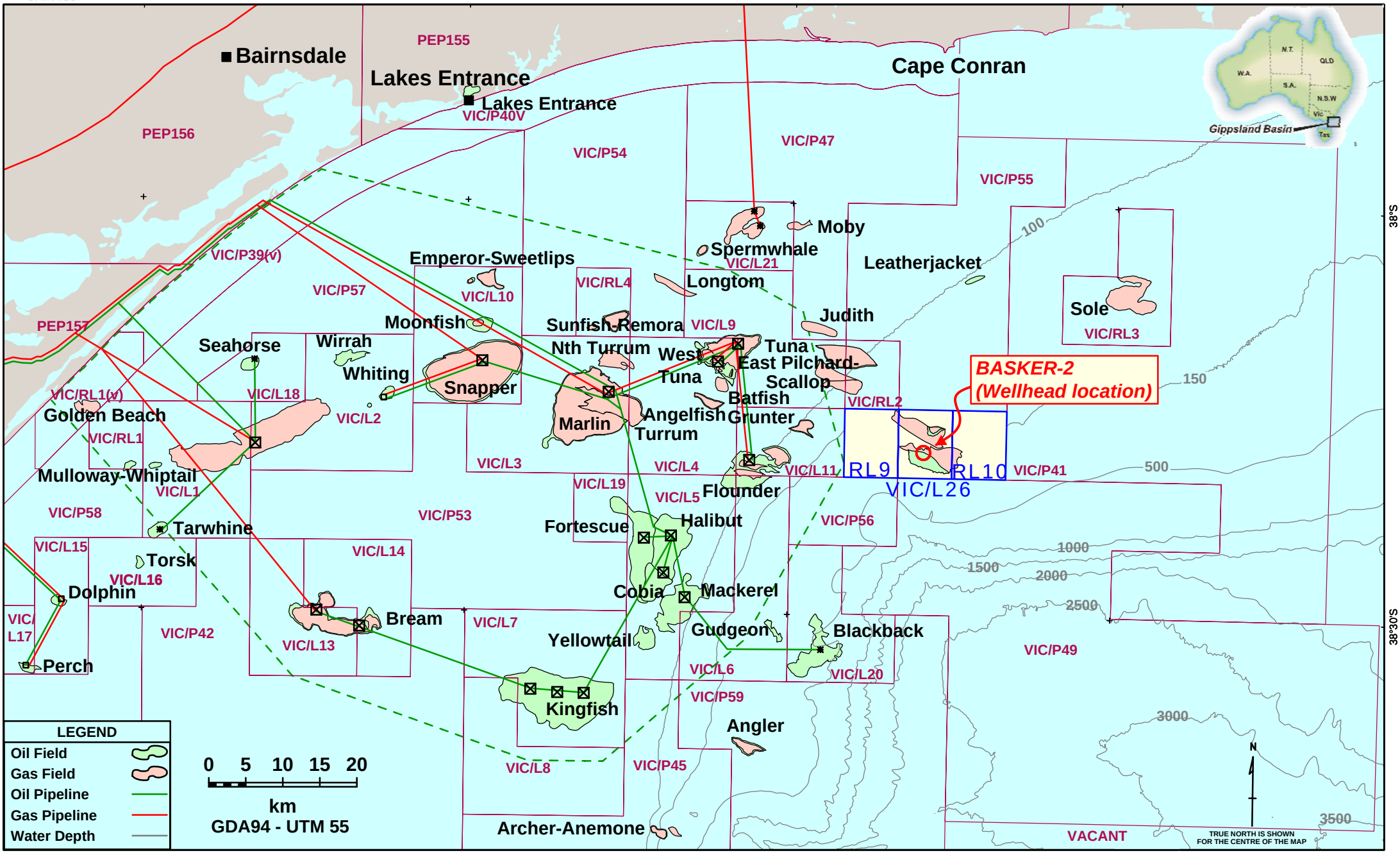

FIGURE 1

Click here for detailed map

Anzon Australia LIMITED

BASKER-2 LOCATION MAP - DETAIL

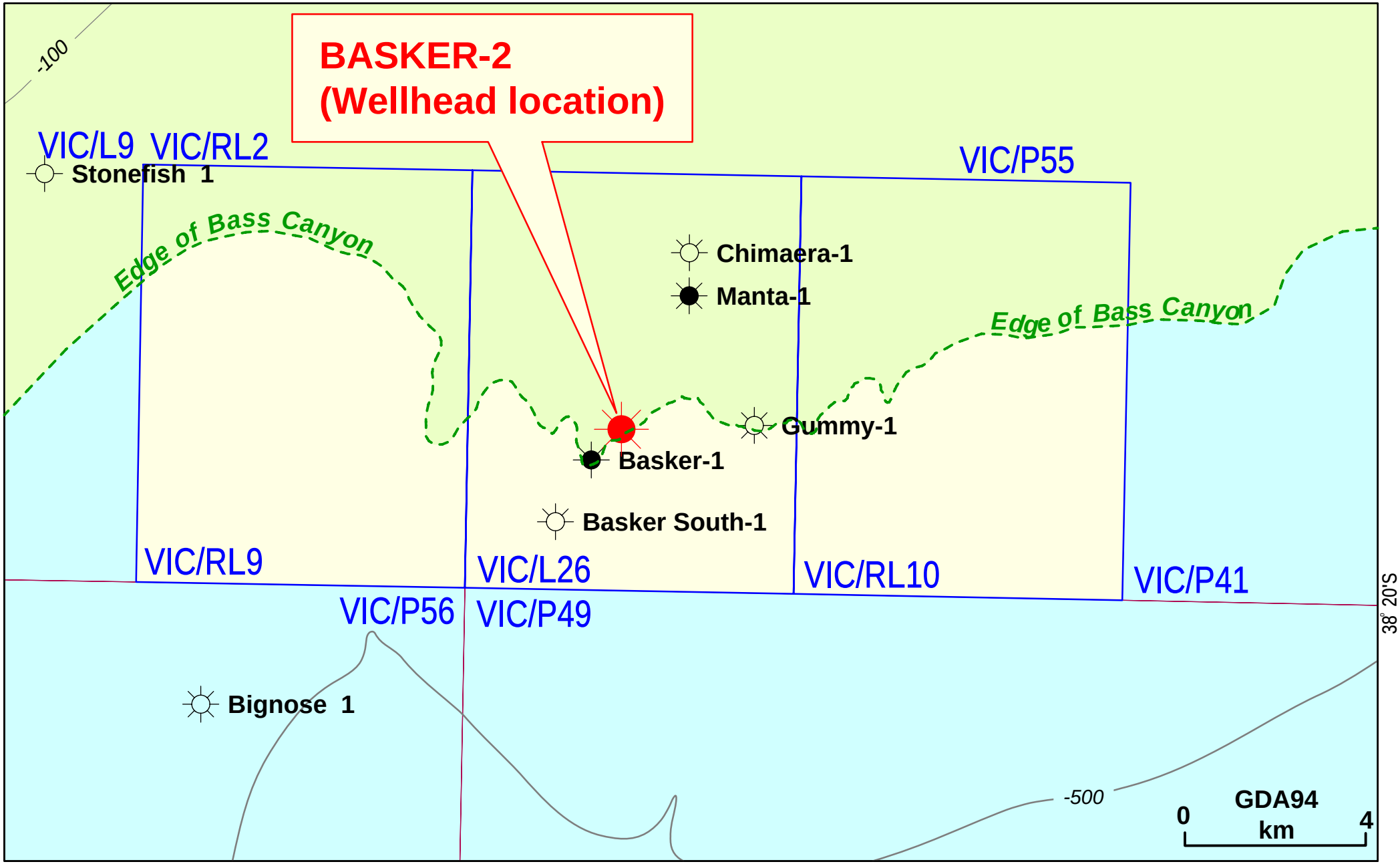

FIGURE 2

WELL PROGRESS CURVE – FIGURE 3

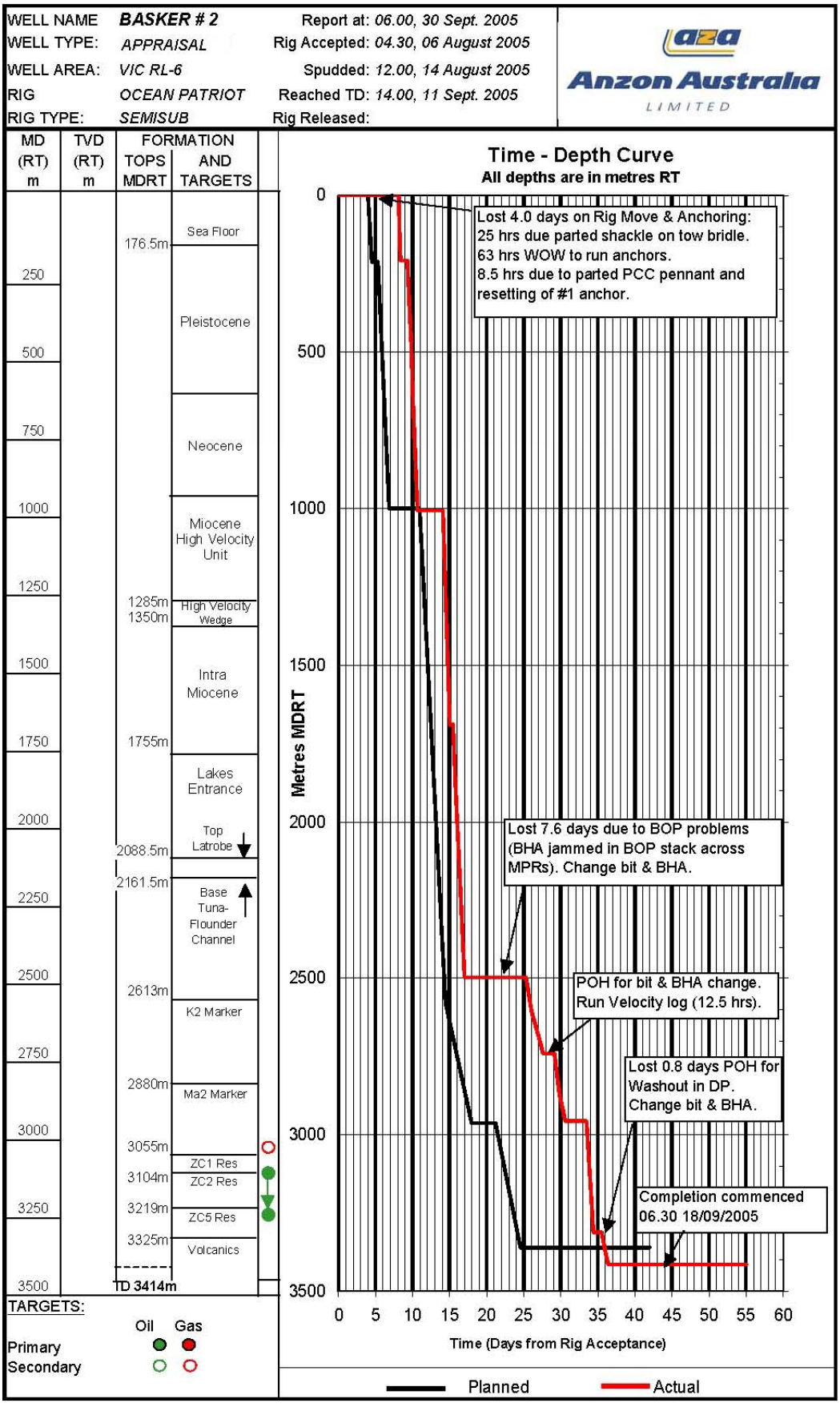
WELL NAME BASKER # 2
WELL TYPE: APPRAISAL
WELL AREA: VIC RL-6
RIG OCEAN PATRIOT
RIG TYPE: SEMISUB
Report at: 06.00, 30 Sept. 2005
Rig Accepted: 04.30, 06 August 2005
Spudded: 12.00, 14 August 2005
Reached TD: 14.00, 11 Sept. 2005
Rig Released:
Anzon Australia LIMITED
MD (RT) m
TVD (RT) m
FORMATION TOPS AND TARGETS MDRT
176.5m Sea Floor
Pleistocene
Neocene
Miocene High Velocity Unit
1285m
1350m High Velocity Wedge
Intra Miocene
1755m
Lakes Entrance
Top Latrobe
2088.5m
2161.5m
Base Tuna-Flounder Channel
2613m
K2 Marker
2880m
Ma2 Marker
3055m
ZC1 Res
3104m
ZC2 Res
3219m
ZC5 Res
3325m
Volcanics
TD 3414m
TARGETS:
Oil Gas
Primary
Secondary
Time - Depth Curve
All depths are in metres RT
Lost 4.0 days on Rig Move & Anchoring:
25 hrs due parted shackle on tow bridle.
63 hrs WOW to run anchors.
8.5 hrs due to parted PCC pennant and resetting of #1 anchor.
Lost 7.6 days due to BOP problems (BHA jammed in BOP stack across MPRs). Change bit & BHA.
POH for bit & BHA change. Run Velocity log (12.5 hrs).
Lost 0.8 days POH for Washout in DP. Change bit & BHA.
Completion commenced 06.30 18/09/2005
Metres MDRT
Time (Days from Rig Acceptance)
Planned
Actual

FIGURE 3

WELL BORE SCHEMATICS – FIGURES 4 & 5

Anzon Australia LIMITED

WELL SCHEMATIC

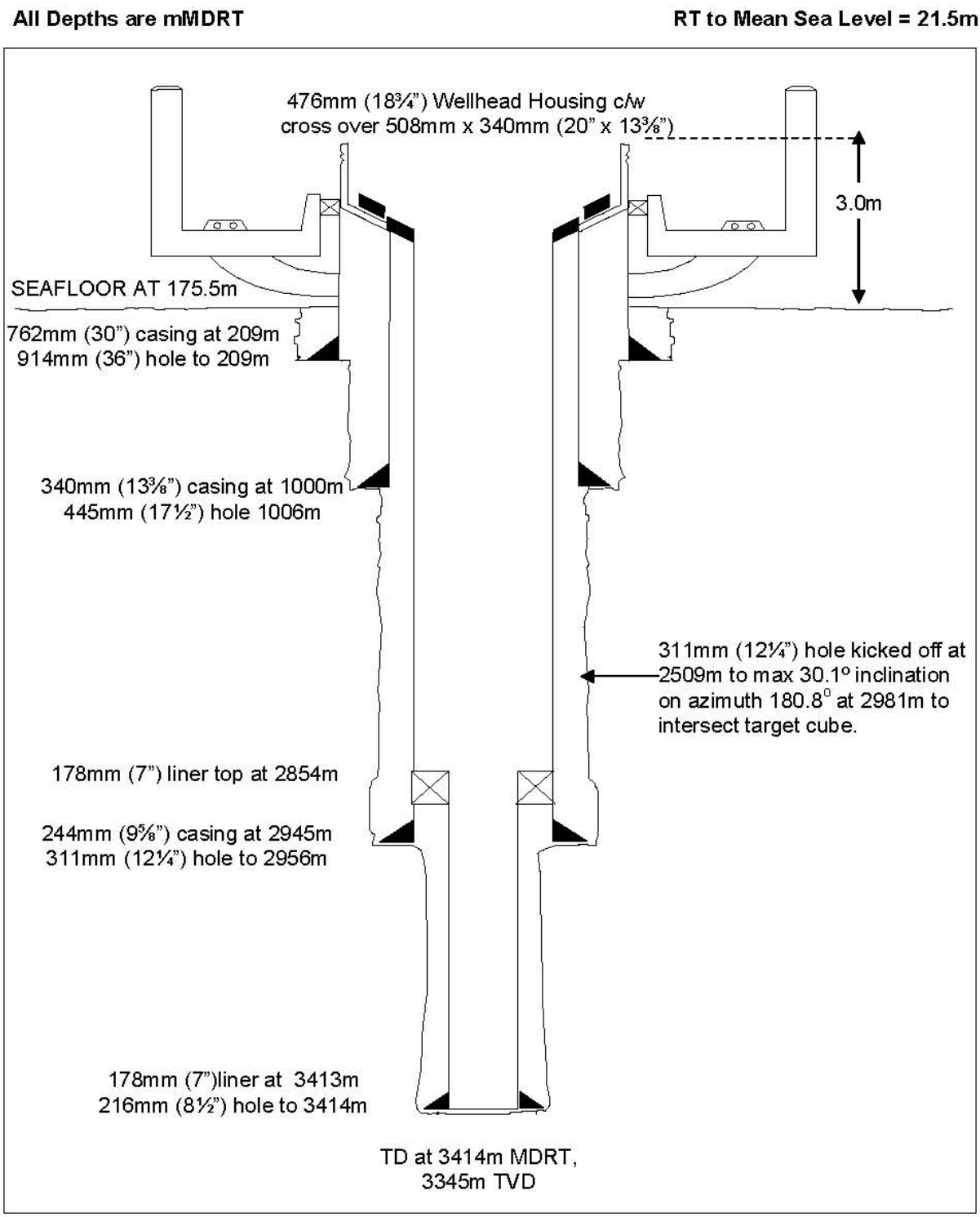

FIGURE 4

Anzon Australia LIMITED

COMPLETION DIAGRAM

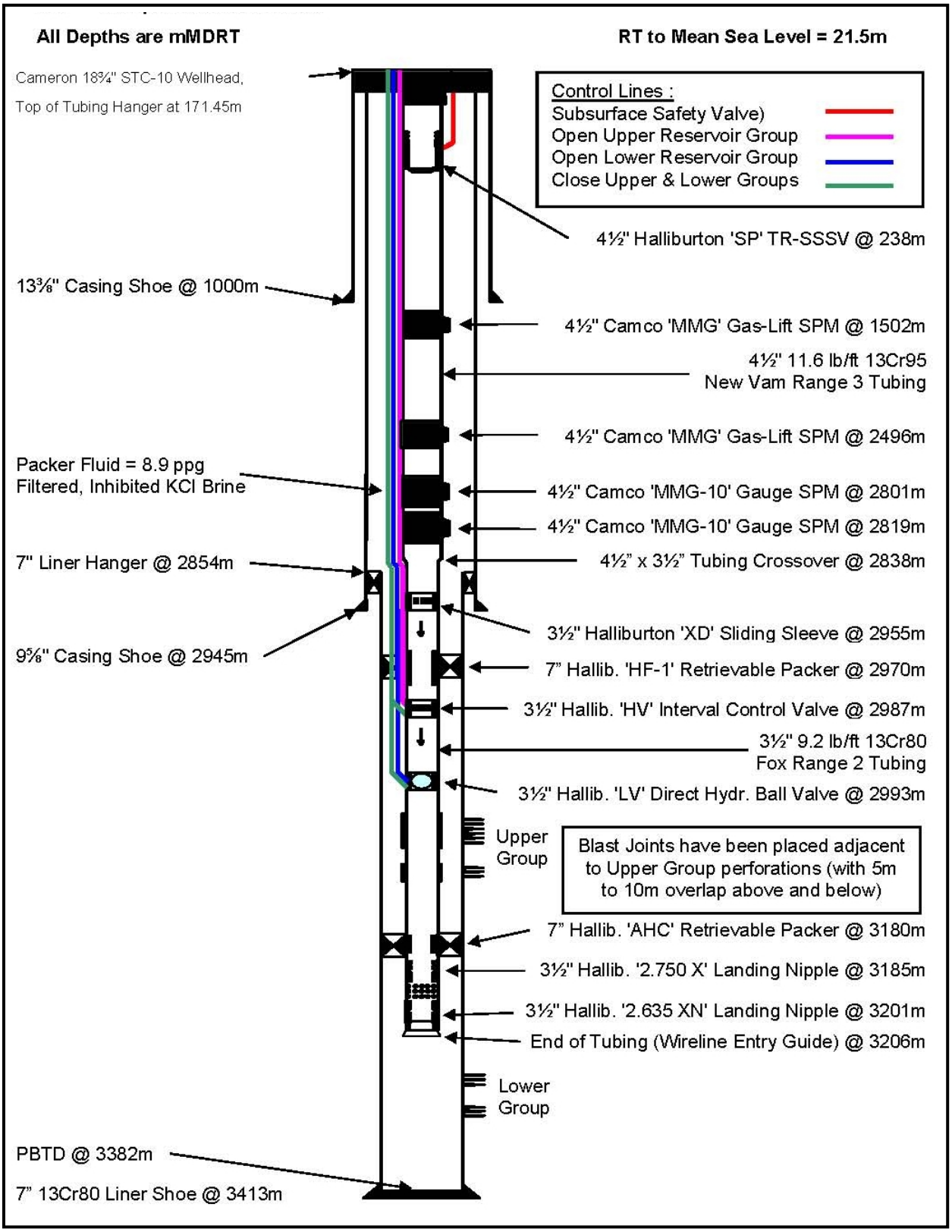

FIGURE 5

APPENDIX 1

DRILLING AND COMPLETION REPORT

PREPARED BY

ON BEHALF OF

BASKER-MANTA PROJECT

BASKER-2
DRILLING & COMPLETION REPORT

VIC/RL6

CONTROLLED DOCUMENT NO. : 34262-DR-01-0011

REVISION 0

3 November 2005

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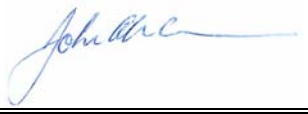
Stuart Thomson	Upstream Petroleum	Senior Completions Engineer	Melbourne	1
Bill Waterhouse	Upstream Petroleum	Senior Drilling Engineer	Melbourne	1
Document Control	Upstream Petroleum	Project Secretary	Melbourne	1
TOTAL				8

2 APPROVALS

Prepared By:		Signature:	Date:
Name:	Bill Waterhouse		03 Nov 2005
Title:	Senior Drilling Engineer		

Name:	Stuart Thomson		03 Nov 2005
Title:	Senior Completions Engineer		

Reviewed By:		Signature:	Date:
Name:	Keith Thomson		03 Nov 2005
Title:	Subsea Engineer		

Name:	John Ah-Cann		03 Nov 2005
Title:	Drilling Superintendent		

Approved By:		Signature:	Date:
Name:	Rob Oliver		03 Nov 2005
Title:	Drilling Manager		

3 DOCUMENT REVISION HISTORY

Revision	Date	Sections	Details
0	03 Nov 05	All	Initial Release

4 WELL SUMMARY & OVERVIEW

4.1 Well Summary

Well Name	Basker 2
Designation	Appraisal/Development
License	VIC/L26
Geographic Surface Location Co-ordinates (GDA94, GRS80, MGA, UTM Zone 55)	Latitude 038º 17' 58.51" South Longitude 148º 42' 24.72" East
Lease Holder	Anzon Australia Limited
Project Manager	Upstream Petroleum Pty. Ltd.
Rig Received	04:30 hrs 06 August, 2005
Spud Time/Date	12.00 hrs 14 August, 2005
End Drilling/Start Completion Phase	06.30 hrs 18 September, 2005
End Completion Phase	12.00 hrs 30 September, 2005
Rig Released	08.00 hrs 2 October, 2005
Total Time Rig on Contract	57.1 days (1371.5 hours)
Sea Floor (below mean sea level)	155.5 m.
RT (above mean sea level)	21.5m
Drilling Contractor / Rig Name and Type	Diamond Offshore General Company. Ocean Patriot - Semisubmersible
Well Type and Status	Subsea well – Completed and Suspended for Production
Total Depth	3414m MDRT, 3344.6m TVDRT
Bottom Hole Location (MWD Survey)	280.9m on an Azimuth of 179.25 degrees
Maximum Deviation	30.1° @ 2981m MDRT, 2960m TVDRT
36" Hole / 30" x 20" Conductor & PGB	209.0m / 209.0m
17½" Hole / 13⅜" Surface Casing	1006.0m / 1000.1m
12¼" Hole / 9⅝" Intermediate Casing	2956.0m / 2945.0m
8½" Hole / 7" Production Liner	3414.0m / 3413.0m (Liner top at 2853.9m)
Mud: Conductor and Surface Hole:	Seawater and Gel sweeps
Mud: 12¼" Intermediate Hole	8% KCl / PHPA / Glycol, WBM
Mud: 8½" Production Hole to TD	6% KCl / PHPA, WBM
Completion Brine :	8.9 ppg Filtered, Inhibited KCl Brine (with 1.3%vol Safe-Cor & 0.2 ppb OS-1)

4.2 Drilling & Completion Overview

Basker 2 subsea well was drilled to appraise and develop the Intra-Latrobe hydrocarbon reservoirs of the Basker Field, using the Diamond Offshore MODU, Ocean Patriot.

The tow to location began at 0430hrs on 6 August 2005. Estimated tow time was 2.75 days, but bad weather during the tow contributed to two significant lost time events. 25 hours were lost due to failure of the tow bridle and a further 63 hours were lost waiting on weather to begin anchoring operations at Basker 2.

The well spudded at 12.00 hrs on 14 August 2005. 36" conductor hole was drilled to 209m where 30" x 20" conductor, with PGB was run and set.

17½" surface hole was drilled riser-less to 1006m and 13⅜" surface casing set at 1000m.

After the BOP stack was installed, 12¼" intermediate hole was drilled to 2956m MD (2939m TVD), with kick-off depth being 2497m. While tripping at this depth the top stabiliser in the BHA became stuck in the BOP stack due to one of the middle pipe rams being partially closed, thereby encroaching into the bore of the BOP stack. The subsequent fishing job and repairs to the BOPs resulted in 7.6 days of lost time. 9⅝" intermediate casing was set at 2945m MD (2929m TVD).

8½" production hole was directionally drilled with mud motor and MWD tools to a TD of 3414m MD (3345mTVD) where an extensive programme of wireline run electric logs and pressure/fluid sampling was carried out. Approximately 1 day was lost due to a wash-out in drill pipe and other equipment related problems in this hole section.

Scope of the TD formation evaluation program was expanded significantly over pre-drill expectations, with extensive use made of the MDT tool for gathering pressure data and samples. The scope increase required an additional 2.3 days of rig time over pre-drill estimates.

7" Production liner was run and cemented at 3413m MD (3344m TVD) with liner top at 2854m MD (2847m TVD) prior to starting Completion operations.

Completion operations commenced at 06.30 on 18 September 2005 with a BOP test, following which a casing / liner cleanout trip was performed and the wellbore was displaced to filtered 8.9 ppg KCl brine. A Cement Bond Log was run across the liner and eight intervals were perforated, overbalanced, with no fluid losses. A gauge ring and junk basket were run across perforations, wear bushing retrieved and Tubing Hanger spaceout determined.

The 3½" x 4½" tandem chrome "intelligent" completion (IDHC) was run, the tubing hanger installed and tested, and the completion landed. The top packer was set and tested, followed by setting and testing of the bottom packer. The tubing hanger was tested and the 18¾" Marine Riser and BOPs retrieved.

The Subsea Tree was run, installed and tested. A small leak was detected between the opening control lines of the two IDHC valves but, as the impact of the leak was assessed as minor, it was decided to continue with the completion despite this problem. The tubing was circulated to diesel to provide underbalance and the well was cleaned up and flow tested from the upper (6525 bopd) and then the lower (5295 bopd) perforation groups.

Diesel was flushed through surface lines and bullheaded downhole. SSSV and SST PMV were in-flow tested, completion riser flushed with inhibited seawater and the riser and TRT recovered to surface. The tree cap was run and tested, and the SST placed in suspension mode. A final seabed survey was carried out by the ROV.

Completion operations finished at 07.00 on 01 October 2005, with 1 day of lost time being incurred during this phase as a result of various minor rig and 3rd party equipment problems.

Anchors were pulled and the rig was released at 08.00 hrs on 02 October 2005.

Basker 2 was mobilised, drilled, evaluated and completed in 57.1 days, compared to 42.0 days programmed. The actual time taken comprised 42.7 days of productive time (within 2% of planned time) and 14.4 days of lost / trouble time. The following table shows the time breakdown between the three major well phases :

	AFE	Actual Time		
Phase	**Time**	**Productive**	**Lost / Trouble**	**Total**
Rig Move, Anchoring and Anchor Retrieval	4.7 days	4.8 days (55% of phase)	4.0 days (45% of phase)	8.8 days
Drilling and Evaluation	25.1 days	25.9 days (73% of phase)	9.4 days (27% of phase)	35.3 days
Completion, Testing and Suspension	12.2 days	12.0 days (92% of phase)	1.0 days (8% of phase)	13.0 days
Total	**42.0 days**	**42.7 days (75% of total)**	**14.4 days (25% of total)**	**57.1 days**

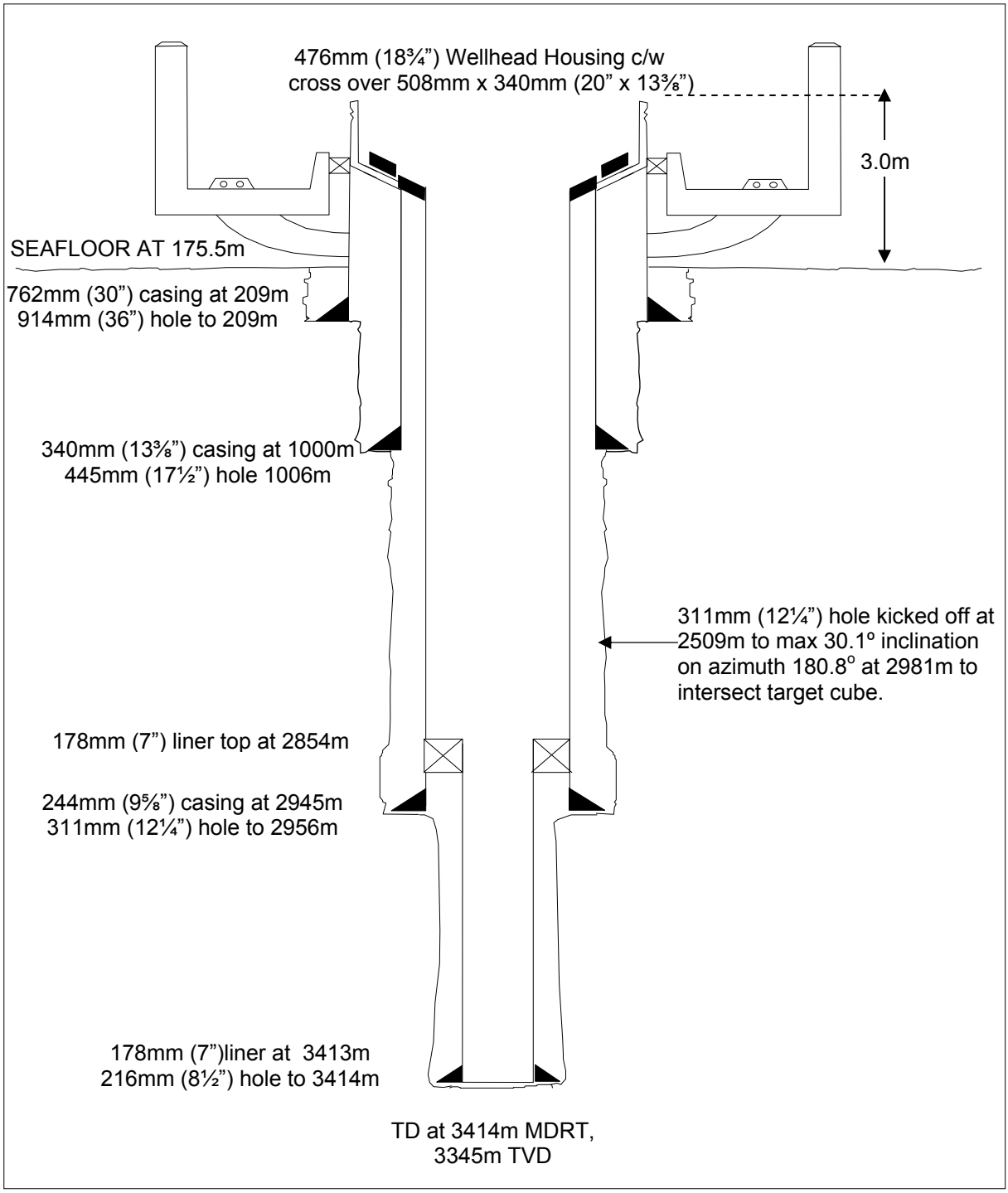
The final well cost is estimated to be approximately A$30.9 million compared to the AFE amount of A$24.7 million, with the majority of the variances occurring as a result of lost / trouble time during the Rig Move and Intermediate Hole phases. The following table shows the cost breakdown between the three major well phases :

Phase	**AFE Cost**	**Actual Cost**	**Variance**
Rig Move, Anchoring and Anchor Retrieval	$1,427k	$2,934	+$1,507k (+106%)
Drilling and Evaluation	$11,688k	$17,574	+$5,886k (+50%)
Completion, Testing and Suspension	$11,619k	$10,356k	-$1,263k (-11%)
Total	**$24,734k**	**$30,864k**	**+$6,130k (+25%)**

5 WELL SCHEMATICS

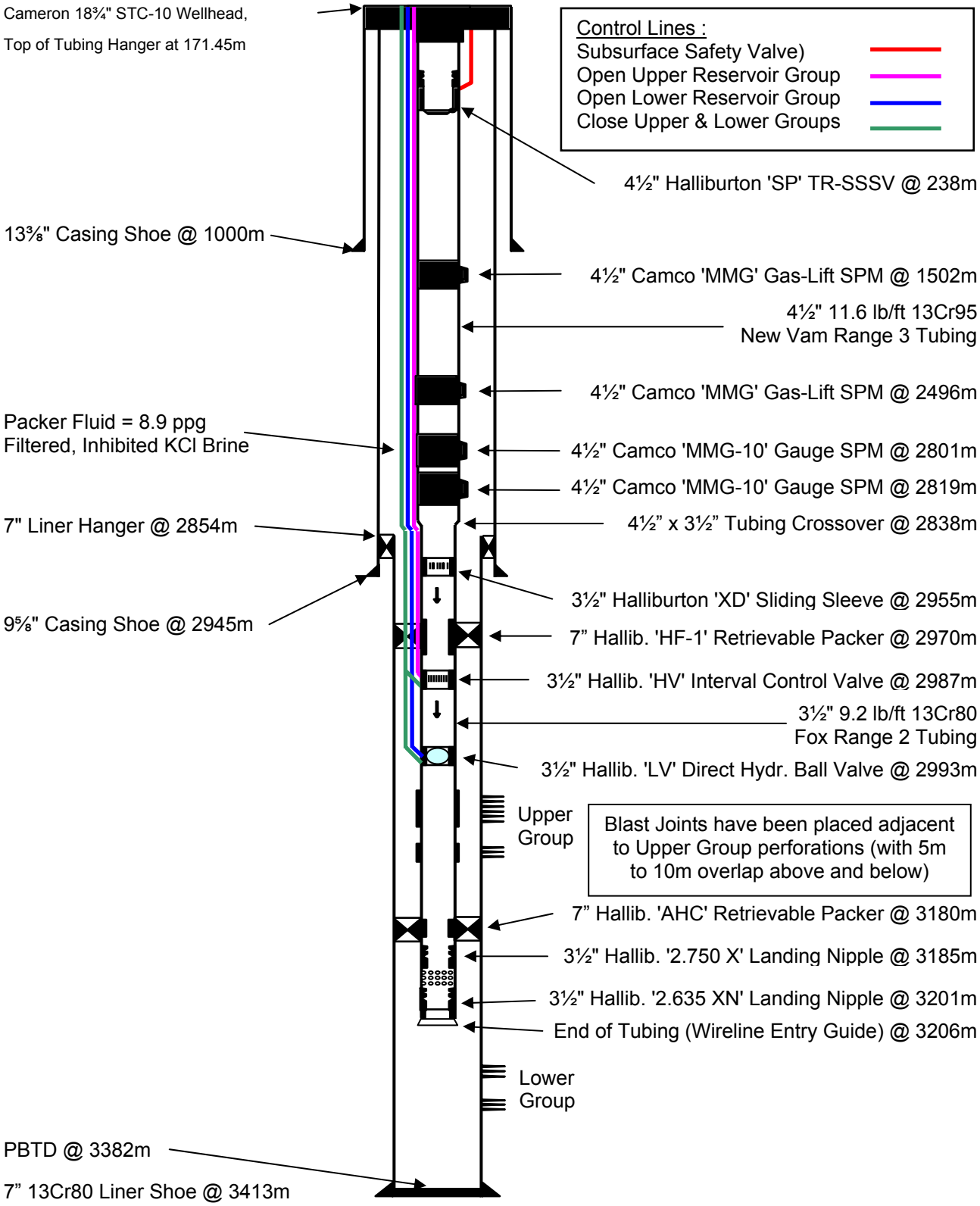
5.1 Well Schematic – At Start Of Completion

All Depths are mMDRT **RT to Mean Sea Level = 21.5m**

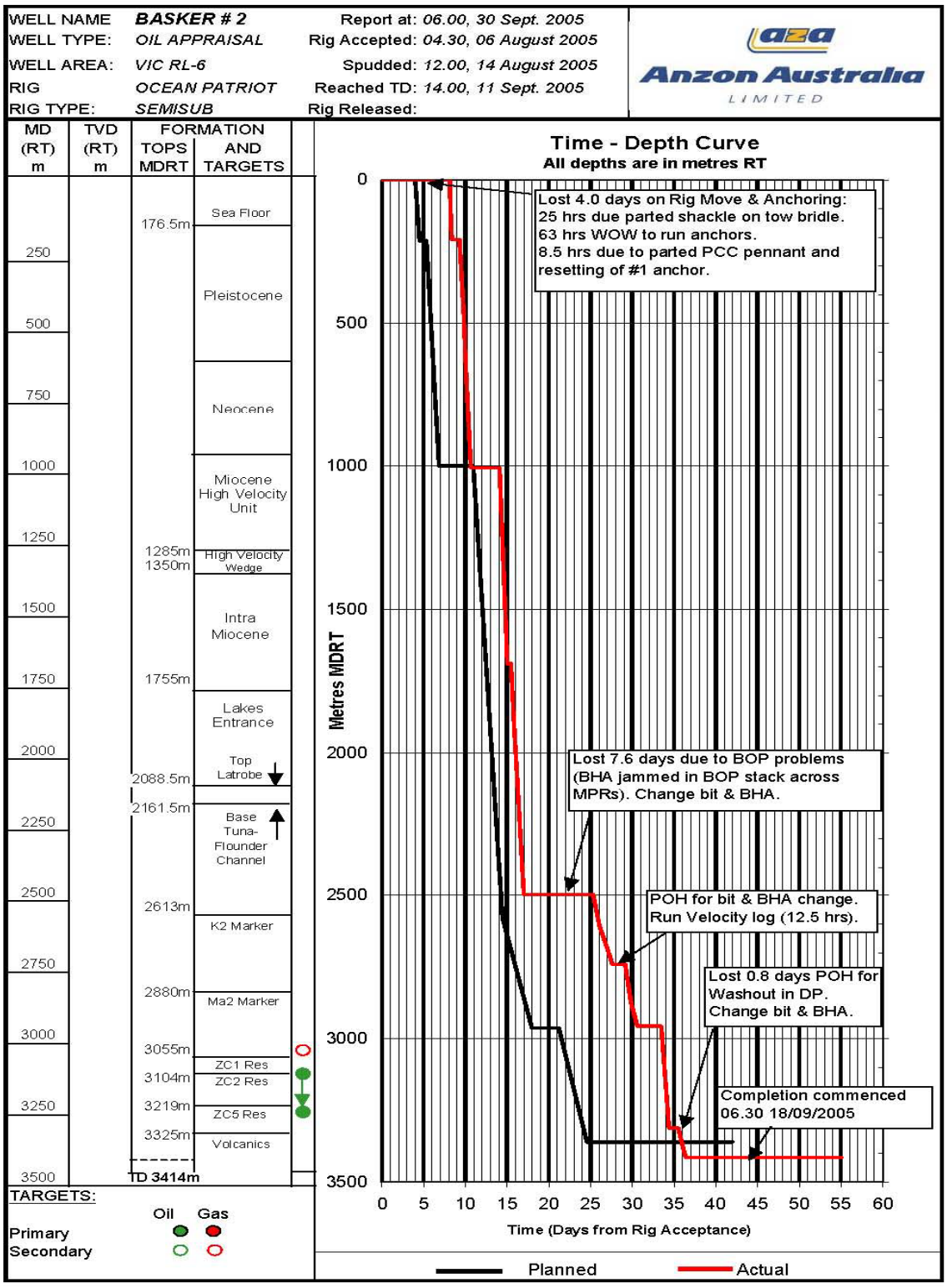


5.2 Completion Schematic

All Depths are mMDRT **RT to Mean Sea Level = 21.5m**



5.3 Time-Depth Curve



6 HEALTH, SAFETY & ENVIRONMENT

6.1 Personnel Injuries or Incidents

No fatalities lost-time or medical treatment incidents were recorded during the drilling and completion of Basker-2.

6.2 Environmental Incidents

- A spill of diesel to the deck occurred when a diesel leak was noticed from the day tank of the Expro steam generator. Approximately 20 litres of diesel was spilt, but this was all contained on the deck and was cleaned up. No spillage went into the sea.
- A very small (estimated at less than ½ litre) of crude oil was spilt to the ocean during the well clean-up flow of Basker-2, as a result of the flare being extinguished briefly by a slug of completion brine while initially cleaning up the well. The flare was quickly re-lit by the pilot flame, with no further spillages recorded.

6.3 BOP Tests

A total of 3 BOP tests were conducted :

- On initial installation of the BOP stack, prior to commencing the 12¼" hole section;
- After repairs had been performed on the BOP stack, during the 12¼" hole section;
- At the commencement of completion operations.

6.4 Emergency Drills

During the Basker-2 campaign, the following drills were performed :

- A major Emergency Response Exercise, simulating a helicopter crash on the rig's helideck, was conducted on Tuesday 16th August, 2005.
- 4 Abandon-vessel Drills
- 4 Fire Drills
- 3 Environmental Spill Drills
- 2 Man Overboard Drills

6.5 Job Safety Analyses

A total of 644 Job Safety Analyses were recorded as having been conducted during the course of the Basker-2 Drilling and Completion operations.

6.6 STOP Cards

A total of 394 STOP cards were recorded as having been handed in during the course of the Basker-2 Drilling and Completion operations, with 246 of these being corrective and 148 being positive.

It was very encouraging to see this very high level of participation in this safety initiative, as it is recognised that a healthy attitude by all rig-crew members usually results in a good safety record being maintained. Some excellent corrective actions were identified, avoiding potentially serious HSE incidents.

7 OPERATIONS BY WELL PHASE

7.1 Rig move, Anchoring and Anchor Retrieval

7.1.1 Operations

The Ocean Patriot semisubmersible rig was accepted on bolstering of the last anchor at the Santos Henry 1 location and commencement of tow to the Basker 2 location by the anchor handling vessel 'Pacific Wrangler' at 04.30 on the morning of 06 August 2005. Nine hours into the tow, in heavy weather, an 85 ton shackle connecting the towline to rig tow bridle failed. While attempting to attach a second bridle the rig's port leader wire became twisted and broke. The rig dropped the no. 5 anchor and ballasted to storm draft overnight. The tow was resumed at 12.00 the next day and proceeded without problem, in poor weather conditions, until the rig approached the Basker 2 location on the morning of 10 August 2005. To position the rig it was necessary to pass the location, turn the rig and approach into the wind from the east. The 'Pacific Wrangler' was unable to make way onto location and the rig began to move eastward in deteriorating weather conditions, resulting in the rig having to drop the no.8 anchor and ballast to storm draft.

The rig remained anchored for two days until weather abated and was then brought onto location and the first anchor laid late on the evening of 12 August 2005. Anchoring and tensioning of moorings took a further day with navigation equipment problems and a parted pennant wire causing anchor no 1 to be mislaid requiring recovery and re laying. The rig was anchored and fully tensioned for commencement of drilling operations at 23.00 on 12 August 2005.

Anchor Retrieval commenced on termination of the Completion and Testing Phase at 07:00hrs on 01 October 2005 and was completed with the bolstering of the last anchor and hand over of the rig to Bass Strait Oil & Gas at 08.00 hrs on 02 October 2005.

7.1.2 Time Breakdown

The Rig Move, Anchoring and Anchor Retrieval were accomplished as shown in the table below :

Operation	Rig Move		Anchoring		Anchor Retrieval	
	Days	Hours	Days	Hours	Days	Hours
Planned Time	2.75	66.0	1.00	24.0	1.00	24.0
Actual Time	6.44	154.5	1.33	32.0	1.04	25.0
Actual as % of Planned	234%		133%		104%	
Trouble Time	3.67	88.0	0.35	8.5	0.00	0.0
Trouble Free Time	2.77	66.5	0.98	23.5	1.04	25.0
Trouble Time as % Actual	57%		27%		Nil	
Variance, Total Actual Time vs AFE Time	+3.69 days (+134%)		+0.33 days (+33%)		+0.04 days (+4%)	
Variance, Trouble-Free Time vs AFE Time	+0.02 days (+1%)		-0.02 days (-2%)		+0.04 days (+4%)	

7.1.3 Observations

(i) Failures of towing equipment (fishplate shackle and replacement leader wire) lost 25 hours.

(ii) Limitations imposed by the rating of critical tow equipment (replacement fishplate shackle rating 85 tonnes v. AHV bollard pull rating of 110 tonnes) resulted in not being able to bring the rig onto location against the weather, losing 63 hours

7.2 Pre-Spud, Conductor Hole and Casing

7.2.1 Operations

Following completion of anchoring and tensioning operations, the ROV made a sea bed survey and the rig picked up 5" drillpipe, making up and racking stands in the derrick. The BHA for drilling of conductor hole was picked up and run to the seafloor and the well spudded at 12.00 hrs on 14 August 2005. 17½" hole, opened to 36" with a hole opener, was drilled to 209m with seawater and hi-vis sweeps. At section TD the hole was swept clean, displaced to prehydrated gel mud and string tripped out to run the conductor. The 30" x 20" conductor with Cameron STC-10 Wellhead with PGB and 30" housing attached, was run in on the Cameron conductor setting tool on 5" drillpipe; set and cemented to sea floor with shoe at 209m and top of housing 2.50m above sea floor (to allow for minimum curvature of future flexible flowline from Sub Sea Tree). The conductor was cemented, returns to seafloor, with 173 bbls of 15.8 ppg Class 'G' cement slurry mixed with seawater and 0.01 gal/sk D047 defoamer and 1% bwoc $CaCl_2$ accelerator, preceded by 40 bbls of seawater preflush and 10 bbls seawater spacer with fluorescent dye, and displaced with 35.5 Bbls of seawater, full returns to seafloor were observed throughout the job. Once cement had hardened, the 30" conductor running tool was released, pulled, broken out and laid down.

7.2.2 Time Breakdown

Prespud Preparation, Drilling 36" Conductor Hole and Running and Cementing Conductor were accomplished as shown in the table below :

Operation	Pre- Spud Preparation		Drilling 36" Conductor Hole		Conductor Casing	
	Days	Hours	Days	Hours	Days	Hours
Planned Time	0.25	6.0	0.50	12.0	0.50	12.0
Actual Time	0.54	13.0	0.11	2.5	0.88	21.0
Actual as % of Planned	217%		21%		175%	
Trouble Time	0.00	0.0	0.00	0.0	0.02	0.5
Trouble Free Time	0.54	13.0	0.11	2.5	0.86	20.5
Trouble Time as % Actual	Nil		Nil		2%	
Variance, Total Actual Time vs AFE Time	+0.29 days (+117%)		-0.39 days (-79%)		+0.38 days (+75%)	
Variance, Trouble-Free Time vs AFE Time	+0.29 days (+117%)		-0.39 days (-79%)		+0.36 days (+71%)	

7.2.3 Observations

These operations were essentially carried out problem free.

7.3 17½" Hole Section, 13⅜" Surface Casing and Run BOPs

7.3.1 Operations

The BHA for the 17½" surface hole section, with Gr+Dir MWD tool and utilizing the re-run bit from conductor hole, was picked up, and after drilling out cement and shoe, 17½" hole was drilled from 209m to a section TD of 1006m with seawater and hi-vis sweeps, at an average ROP of 30m/hr. At section TD the hole was swept clean, displaced to 9.5 ppg prehydrated gel mud and string tripped out with minor overpull over the interval 836 – 786m, a wiper trip was not required. The BHA was laid out prior to running 13⅜" casing with Deep Sea Express cementing head below the running tool made up in the 18¾" wellhead housing on the 20" x 13⅜" wellhead joint. The casing was landed and locked in the 30" wellhead housing and cemented to sea floor, with shoe at 1000.1m, with 348 Bbls of 12.5 ppg lead slurry of Class "G" cement mixed with seawater and 0.01 gal/sk D047 defoamer and 0.42 gal/sk of D075 liquid extender, and 202 Bbls of 15.8 ppg tail slurry of Class "G" cement mixed with seawater and 0.01 gal/sk D047 defoamer. A 40 bbl seawater preflush was pumped immediately ahead of cement. Cement was displaced with 20 bbls seawater followed by 380 Bbls of mud to plug bump of 1400 psi. The running tool was released, the drillpipe string pulled and the cementing head broken out and laid down.

The rig was moved off the wellhead and the pre-tested BOP stack picked up and run on riser joints, testing choke and kill lines every 4 joints, the slip joint made up and surface connections made. The tensioner ring was installed, and riser/BOP weight transferred to tensioners before moving the rig back over the wellhead. The BOP was then landed and latched on the 18¾" wellhead housing and pull tested. The BOP test tool was picked up and run into the 18¾ wellhead housing and the BOP/Wellhead connection pressure tested to 5000 psi. On retrieving the test tool it became hung up in the BOP at the middle pipe rams, the rams were functioned and the tool worked free and laid out.

A planned electricline velocity survey through casing had to be aborted due to failure of a housing on the winch motor. This activity is included, for phase and time purposes, under Evaluation.

7.3.2 Time Breakdown

Drilling of 17½" Surface Hole, Running and Cementing 13-3/* Surface Casing and Running and Testing BOP stack were accomplished as shown in the table below:

Operation	Drilling 17½" Surface Hole		13⅜" Surface Casing		Run BOPs	
	Days	Hours	Days	Hours	Days	Hours
Planned Time	1.90	45.5	1.40	33.5	1.25	30.0
Actual Time	1.38	33.0	1.02	24.5	1.46	35.0
Actual as % of Planned	73%		73%		117%	
Trouble Time	0.02	0.5	0.00	0.0	0.15	3.5
Trouble Free Time	1.35	32.5	1.02	24.5	1.31	31.5
Trouble Time as % Actual	2%		Nil		10%	
Variance, Total Actual Time vs AFE Time	-0.52 days (-27%)		-0.38 days (-27%)		+0.21 days (+17%)	
Variance, Trouble-Free Time vs AFE Time	-0.55 days (-29%)		-0.38 days (-27%)		+0.06 days (+5%)	

7.3.3 Observations

(i) Hole section was drilled with one of the two primary 12-P-160 mud pumps under repair. When the secondary A-1700-PT pump failed there was insufficient pump capacity to drill ahead, losing 0.5 hours.

(ii) Time was lost testing the riser choke and kill lines every four joints instead of after first riser double and at completion or running riser as programmed.

(iii) Problems pulling the test tool through the BOP might have been investigated further, they appear to have been indicative of the later BOP problems.

7.4 12¼" Hole and 9⅝" Intermediate Casing

7.4.1 Operations

12¼" BHA, with PDC bit, 9⅝" Mud motor with bent sub set at 1.15° and DGR+EWR+Dir MWD tools was picked up and run in, cement and shoe track drilled out from 982m and new hole drilled to 1008m and a Leak-off test carried out, to 14.17 ppg emw, before drilling ahead in rotary mode to 1689m. A partial trip was then made to pick up additional 5" drillpipe, before resuming rotary drilling to 1783m at an average rop of 31.6m/hr. During this portion of the drilling the wellbore naturally deviated NNW and built angle to 1.3º. From 1783m attempts were made to directionally drill the well to the desired track by alternately orienting & slide drilling and rotary drilling, without significant change in direction and angle, to 2497m at an average rop of 21.3 m/h, when it was decided to trip for BHA and bit change.

On pulling the BHA through the BOP stack the uppermost string stabilizer pulled up hard against the middle pipe rams at 19.00 hrs on 23 August 2005, causing the jars to fire, resulting in the stabilizer becoming stuck in the middle pipe ram and the drill pipe elevators jammed on the tool joint some 3m above the rig floor. Attempts were made to cycle the pipe rams open without success. The elevators were freed from the pipe and replaced with elevators hung from longer bails to provide more room. Attempts were made, initially with a bumper sub and then with drilling jar, to jar the fish free downward without success. The string was then backed off, utilizing a string shot, at the first 5" HWDP connection above the Pony DC and jar. A skirted screw-in sub, bumper sub and drill collars were then run and screwed into the fish and the fish jarred free downward.

The fish was run into the hole to place 5" DP across the pipe rams and in doing so tagged the rams with the jars, indicating that one ram was partially extended into the bore of the BOP. The string was spaced out to place an 8" DC across the pipe rams and both upper and lower piper rams closed on the collar, centralizing it and pushing the non functioning middle ram back into its cavity. The fish was then pulled out of the hole, the uppermost string stabilizer showing damage, and the fishing assembly laid out.

A storm packer was then run and set at 272m, some 95m below the mudline, pressure tested to 1000psi and the casing and riser displaced to seawater. The BOP stack was then released from the wellhead, the rig moved off the wellhead and BOP stack pulled, laying down the riser joints. Once the BOP was placed on its carrier the middle pipe ram bonnets were opened and the ram blocks and cavity inspected, ram blocks were damaged and subsequently replaced. The other ram bonnets were opened and inspected, no other damage was noted. The BOP was lifted onto the test stump and control diagnostic and ram tests made – no firm cause for the middle pipe ram extending into the BOP bore could be determined. A number of valve rebuilds were made and new control parts installed prior to function and pressure testing the BOP stack for re-running. The BOP stack was run on the riser, landed and latched to the 18-3.4" wellhead and the connection pressure tested to 5000 psi. The wellbore was displaced to drilling mud and storm packer released. After checking for gas the packer was pulled out of the hole, packer tailpipe stood back and packer tools laid out.

Drilling operations resumed at 00.30 hrs 31 August 2005 with picking up of a new BHA with 12¼" TCI bit, 9⅝" Mud motor with bent sub set at 1.15° and DGR+EWR+Dir MWD tools. On running in the hole was found to be in good shape. The hole was directionally drilled, alternately orienting & slide drilling and rotary drilling, attempting to turn south and build angle towards the desired trajectory, with minor pump problems and a short lived stuck pipe incident while slide drilling, to 2741m MDRT at an average rop of 5.4 m/hr when the bit was pulled on K-revolutions.

While out of the hole, the velocity log, aborted earlier, was run from 2500m in open hole to 234m inside 13⅜"casing, occupying some 12.5 hours. This activity is included, for phase and time purpose, under Evaluation.

A modified directional BHA, with new 12¼" TCI bit, 9⅝" Mud motor with bent sub set at 1.5° and DGR+EWR+Dir MWD tools was run in, between 2350m and 2628m MDRT hole drag was encountered and the hole wiped clear each stand, from 2628 to 2741m excessive drag required washing and reaming to bottom. Directional drilling of the hole was resumed, alternately orienting & slide drilling and rotary drilling, turning south and building angle toward target trajectory, to section TD of 2956m MDRT. The hole was circulated clean and the bit and BHA tripped out, for running 9⅝" intermediate casing, hole conditions were good and no wiper trip was required.

A mixed 9⅝" casing string, with 47 lb/ft, L-80 Vam Top to 2438.5m MDRT, crossed over to 53.5 lb/ft, L-80, NSCC below, was run with Deep Sea Express cementing head below the running tool made up in the 18¾" x 9⅝" casing hanger and seal assembly on the wellhead joint. The casing was landed and locked in the 18¾"" wellhead housing, with shoe at 2945m MDRT. The casing was cemented to circa 300m above top Latrobe with 266 bbls of 15.8 ppg slurry of HTB cement (Class "G" plus 35% bwoc Silica Flour) mixed with drillwater and additives (referenced to nominal 94 lb sack of "G" cement) as follows; 0.69 gal/sk D193 fluid loss controller, 0.09 gal/sk D145A dispersant, 0.01 gal/sk D110 retarder and 0.01 gal/sk D047 defoamer. Cement was preceded by 10 bbls of seawater followed by 50 bbls of chemical wash and a 20 bbl seawater spacer. Cement was displaced with 10 bbls seawater followed by 693 Bbls of mud to plug bump of 2400 psi. The casing was then tested to 4500 psi before releasing pressure. The 9⅝" hanger seal was set and tested to 5000 psi before releasing the running tool, the drillpipe string pulled and the cementing head broken out and laid down.

7.4.2 Time Breakdown

Drilling of 12¼" Intermediate Hole, and Running and Cementing of 9⅝" Intermediate Casing were accomplished as shown in the table below

Operation	12¼" Intermediate Hole		9⅝" Intermediate Casing	
	Days	Hours	Days	Hours
Planned Time	7.60	182.5	2.50	60
Actual Time	16.85	404.5	2.10	50.5
Actual as % of Planned	222%		84%	
Trouble Time	8.00	192.0	0.00	0.0
Trouble Free Time	8.85	212.5	2.10	50.5
Trouble Time as % Actual	47%		Nil	
Variance, Total Actual Time vs AFE Time	+9.25 days (+122%)		-0.40 days (-16%)	
Variance, Trouble-Free Time vs AFE Time	+1.25 days (+16%)		-0.40 days (-16%)	

7.4.3 Observations

(i) BOP associated problems lost 182 hours

(ii) Directional drilling with mud motor and bent housing and kick-off point in the lower portion of the well within the firmer lithologies of the upper Latrobe Formation was problematic. This resulted in additional bit / BHA changes as well as time spent re-orientating the toolface and slide drilling interspersed with rotary drilling periods.

Note: (ii) above was unavoidable due to late changes to target and well path.

7.5 8½" Hole, TD Logging (Evaluation) and 7" Production Liner

7.5.1 Operations

8½" BHA, with PDC bit, 7" Mud motor with bent sub set at 0.93°, Adjustable Gauge Stabiliser and DGR+EWR+Dir MWD tools was picked up and run in, cement and shoe track drilled out from 2918m and 3m of new hole drilled to 2959m and a Formation Integrity test carried out to 13.1 ppg emw, before drilling ahead, alternating rotary drilling with orientation and slide drilling, with 9.4 ppg mud, at an average rop of 14.4m/hr until high string torque at 3158m MDRT necessitated back reaming to the 95/8" shoe. Drilling resumed to 3311m MDRT with intermittent high torque, when a circulating pressure drop indicated a washout in the string. The string was pulled to the washout, in 5" drillpipe 1454m above the bit, the defective joint was replaced and the trip resumed to surface to change bit and BHA. Operations resulting from the washout totalled 19.5 hours. An 8½" TCI bit was run in on a modified BHA, without mud motor and AGS, reaming from 3263-3311m to obtain an MWD log, due to changed position of the MWD tools. High torque was encountered on resuming drilling at 3311m, drilling continued to TD of 3414m MDRT, reached at 14:00 hrs on 11 September 2005,The well was circulated out and the string tripped out for TD Logging. Despite difficulties in directional control, the well bore intersected the top of the reservoir zone 5 within the target area, 30m east of planned target centre.

A Logging and Evaluation program, which was significantly more extensive than programmed, was carried out on electricline as follows:
Run 1; PEX-HRLA-DSI-FMI-HNGS from TD into 9⅝" casing to 1490m (loggers TD 3414.5m)
Run 2; VSI-4-GR Seismic from TD to 2395m
Runs 3 & 4; MDT-GR for multiple pressure points, fluid sampling and pump-out tests.
For phase and time purposes, prior logging runs have been incorporated with this activity under Evaluation.

At the completion of this wireline logging/evaluation program, a wiper trip was made to TD and gas cut mud circulated out prior to pumping a slug and pulling out of hole for running of 7" Liner. Hole conditions were good. A 7" liner string, of 29 lb/ft, 13Cr-80, Fox-K pipe crossed over to a 4140-80 steel, Vam Top, Liner Hanger/Packer assembly (of BOT Flexlok III with RS Nipple and ZXP Top Packer and PBR) was run on drill pipe, with cementing stinger and liner wiper plug holder below the HRD Liner Hanger and Rotating Packer setting tools made up in the Liner Hanger/Packer assembly. The liner was washed the last 2m to TD and picked up to setting depth of 3413m MDRT, with liner top at 2854m MDRT. The liner hanger was hydraulically set with 1900 psi and running tool released with 2700 psi. The liner was cemented with 65.8 bbls, (5 bbls excess over programmed), of 15.8 ppg slurry of HTB cement (Class "G" plus 35% bwoc Silica Flour) mixed with drillwater and additives (referenced to nominal 94 lb sack of "G" cement) as follows; 0.05 gal/sk D175 defoamer, 2.70 gal/sk D600G Gasblock agent, 0.07 gal/sk D080 dispersant. Cement was preceded by 10 bbls of drillwater followed by 70 bbls of chemical wash. Cement was displaced with 10 bbls drillwater followed by 204 Bbls of mud to plug bump of 1700 psi. During cementing and displacement the liner string was rotated at 15-20 rpm. The liner was then pressure tested to 4500 psi before releasing pressure and setting the ZXP liner top packer with 60,000 lbs string weight. Setting tools were picked up clear of the PBR and spacer, chemical wash and approx 24 bbls excess cement reverse circulated out. The 9⅝" casing, Liner lap and Liner were tested against BOPs to 4500 psi, the liner running string retrieved and tools laid out.

Note that the CBL/VDL log run as part of the completion operations indicates adequate zonal isolation of reservoir sands.

The rig was turned over for Completion and Testing operations at 06.30 on 18 September 2005.

7.5.2 Time Breakdown

Drilling of the 8½" hole section, logging and electricline evaluation, and installation of 7" liner were accomplished as shown in the table below :

Operation	8½" Production Hole		Evaluation		7" Production Liner	
	Days	Hours	Days	Hours	Days	Hours
Planned Time	4.70	113.0	2.15	51.5	2.35	56.5
Actual Time	3.67	88.0	5.00	120.0	2.31	55.5
Actual as % of Planned	78%		233%		98%	
Trouble Time	1.02	24.5	0.17	4.0	0.00	0.0
Trouble Free Time	2.65	63.5	4.83	116.0	2.31	55.5
Trouble Time as % Actual	28%		3%		Nil	
Variance, Total Actual Time vs AFE Time	-1.03 days (-22%)		+2.85 days (+133%)		-0.04 days (-2%)	
Variance, Trouble-Free Time vs AFE Time	-2.05 days (-44%)		+2.68 days (+125%)		-0.04 days (-2%)	

7.5.3 Observations

(i) A rotary steerable system would have provided more positive directional control than a mud motor and bent housing.

(ii) The 8-1/2" hole section was drilled with 9.4 ppg mud, providing an overly conservative ± 500 psi static overbalance at the Reservoir Zone 5 target. A static overbalance of ± 300 psi, with reduced risk of differential sticking and reservoir invasion, could have been provided by 9.0 ppg mud.

(iii) The washout occurred in a drill pipe joint that had been sent ashore for re-dressing, which was not carried out before the pipe had to be returned to the rig to enable 12¼" hole to be drilled to section TD, and resulted in 19.5 hours of lost time.

(iv) Production Liner cementations do not appear to require additional excess in this field area.

7.6 Completion and Well Clean-up Flow

7.6.1 Operations

Completion operations commenced at 06.30 on 18 September 2005 with a full BOP test, following the successful completion of the 7" Liner installation and cementing operations. The BOPs were also jetted clean before running the BOP Test Tool. 1 hour was lost repairing the rig's air-operated elevators.

Following this, a casing / liner cleanout trip was performed, using the SPS "Well Patroller" equipment. Cement stringers were drilled up from 3352mMDRT, PBTD was tagged at 3382mMDRT, the well was displaced to filtered 8.9ppg KCl brine (turbidity measured at maximum of 41 NTU during final circulation) and an HEC loss-control pill was spotted in the liner, then the bit was pulled up to the top of the liner where filtered, inhibited brine was circulated into the 9⅝" section. The BOPs were jetted clean again and the drillpipe was then laid out.

Schlumberger then ran a CBL/VDL/GR/CCL log across the length of the liner, indicating adequate zonal isolation of reservoir sands, and then a total of 8 intervals were perforated overbalanced with 4½" HSD casing guns (with 5 spf of Powerjet Omega 4505 HMX charges, 72º phasing) in five perforating runs, one of them using the "SELECT" system enabling 2 separate intervals to be perforated in one run. This extensive perforating program was performed very well by Schlumberger, with no misruns or other problems being experienced. Also, no fluid losses seen, so the HEC pill performed its task well. A gauge ring and junk basket were then run to within 10m of PBTD without any problems.

The wear bushing was retrieved and the BOPs were jetted clean again, then a Lead Impression Tool was run on the 5½" completion riser to measure the correct Tubing Hanger spaceout, and the completion riser was racked back in the derrick.

The 3½" chrome tailpipe section was run and the "intelligent" downhole controls were installed and tested. 1.5 hours of rig time was lost during this testing process, due to leaks in surface manifold valves (this manifold had pressure-tested successfully only 5 days earlier). The 3½" x 4½" tandem chrome completion was then run, along with 3-core flatpack (requiring a cross-coupling protector to be installed on every coupling), the tubing hanger was installed and tested (0.5 hours were lost when the port-side crane would not start after Fire and Abandon Rig drills, and 2 hours were lost repairing a leak on the annulus access hose) and then the completion was landed.

The slickline lubricator was rigged up directly onto the completion riser, the top packer was set by pressuring up against the closed IDHC valves, and both the tubing and annulus were tested OK to 5000 psi and 4500 psi respectively. The annulus pressure was then increased slowly to determine the CIV (Chemical Injection Valve, placed in the top Side Pocket Mandrel at 1502mMDRT) opening pressure of approximately 650 psi (with 8.9 ppg brine in both annulus and tubing). An X-Selective Test Tool was then run on slickline to set and test the bottom packer, this was achieved successfully after 1.5 hours were lost when communication was seen from tubing to annulus (debris suspected to have become lodged in the CIV, as this tested OK once the CIV had been flushed with another 2 bbls of brine). An inflow test was successfully achieved on the SSSV (5000 psi below, 500 psi above), the pressure across the SSSV was equalised and bled off to zero, and a 4" ARH plug and prong were installed in the tubing hanger and tested successfully. The BOP was unlatched from the wellhead, the rig moved 15m to starboard, then the 18¾" Marine Riser and BOPs were retrieved to surface.

The Subsea Tree was set up to be run, the TRT was installed and all pre-submergence tests were performed successfully. The SST was run on the 5½" completion riser, but the stiff joint became bent (between the top of the stiffener plates and the bottom of the 7⅜" Flowhead) when this was picked up, causing 3 hours of rig time to be lost to replace this with the backup stiff joint assembly. The SST was then successfully landed, latched and pressure-tested, although a small leak was detected with communication existing between the IDHC Interval Control Valve (ICV) open line and the IDHC Lubricator Valve (LV) open line, but only at pressures above 5000 psi. Diagnostics and discussions with the office regarding this leak resulted in a further 2.5 hours of lost time being experienced and, as the impact of the leak was assessed as minor, it was decided to continue with the completion despite this problem.

Slickline (rigged up and tested off the critical path) then retrieved the tubing hanger prong and plug, and then opened the sliding sleeve just above the top packer using a tandem shifting tool assembly (allowing them to remain in hole to close the sleeve later, saving a trip). The tubing was circulated to diesel down to the sliding sleeve, to provide the necessary underbalance to flow the well, the sleeve was closed and the toolstring POOH. The tubing was then successfully pressure-tested to 3000 psi (with diesel) to verify that the sleeve was closed OK.

The well was brought on line, initially to unload the lower group "rathole" fluids into the tubing (total of 30 bbls flowed), and then the lower group was closed in. The ICV was opened and the upper group was flowed to surface. A very small discharge of crude oil to sea was experienced when the flare was extinguished briefly by a slug of water / brine, but this quickly re-lit (automatically) and no further problems of this nature were experienced. The upper group was flowed for a total of approximately 6 hours, with bulk oil and crude assay samples being successfully collected, but a downhole problem was suspected as the rate (as well as flowing tubing head pressures and, during the latter part of the flow period, temperatures) appeared to be dropping in a stepwise fashion, as if something was closing in downhole – the initial oil production rate (though a ¾" choke) was around 5400 bopd, but this dropped sequentially to around 4400 bopd. The upper group was then shut in and the lower group was flowed for approximately 5 hours, and again bulk oil and crude assay samples were successfully collected – the flowrate was fairly steady throughout this flow period at around 5000 bopd though a ¾" choke. The lower group was shut in and the upper group was opened again, to investigate the suspected downhole problem experienced earlier – this time the well flowed at a steady rate of around 6400 bopd (again, though a ¾" choke), for approximately 2 hours, confirming a suspected problem with the ICV downhole. These 2 hours were classified as lost time.

It was subsequently concluded that the ICV had never been in the fully open position during the initial Upper Group flow period. It is suspected that thermal effects downhole, as the well warmed up with production, caused small amounts of pressure to build up in the Common Close control line – enough to cause the ICV to shift slowly towards the closed position but not enough to be detected on the 10,000 psi gauge on the control line at surface.

The well was shut in (final SITHP of 1974 psi was recorded), diesel was flushed through the surface lines and 105 bbls of diesel was bullheaded downhole (to push the crude down to approximately 2000mMDRT, below the depth at which wax would be expected to form), with a final SITHP of 1130 psi being recorded. The SSSV was closed and the pressure above it was bled down to 170 psi, with a successful inflow test being recorded for 1 hour. The pressure above the SSSV was increased back up to 930 psi, the PMV on the SST was closed and the pressure above it was bled off to 200 psi, with a successful inflow test being recorded for 15 minutes. The pressure above the PMV was equalised and the PMV was opened, then all pressure above the SSSV was bled off to zero and the PMV was closed again. The SST, completion riser and all surface lines were flushed with seawater and then 10 bbls of inhibited seawater were spotted in the SST and riser. All the SST valves were pressure-tested with seawater down the completion riser, then the slickline lubricator and surface lines attached to the flowhead were rigged down and the TRT was unlatched. While laying out the flowhead / stiff joint assembly, this assembly was bent again in roughly the same place, resulting in a further 1.5 hours of rig time being lost.

The riser and TRT were recovered to surface, the ROV successfully closed the SST rotary isolation valves on the IDHC lines but did not appear to be able to close the SSSV rotary isolation valve (subsequent video footage indicated that this valve had actually been closed by the ROV, but it is believed that some damage has been sustained by this valve so it is not expected to hold pressure). The tree cap was then run, during which 3 hours were then lost relating to ROV operations (1 hour to extend the length of free hose and 2 hours to repair the hose and replace the fluid) and a further 6 hours were lost while attempting to latch and test the tree cap successfully (the SS resilient gasket was replaced during this operation, requiring the TC to be retrieved to surface – some scouring was noticed on one half of the sealing area, this may have occurred when the TC was rotated and landed at an angle). The TCRT was retrieved to surface and the remaining 5" DP was laid out.

Finally, the SST was placed in suspension mode and a seabed survey was carried out by the ROV.

Completion operations finished at 07.00 on 01 October 2005, having taken 13.02 days (312.5 hours), compared to 12.2 days programmed, with 1 day (24.5 hours or 7.8% of total) lost / trouble time. The completion phase was successfully achieved within budget and with the productive time taken being slightly less than forecast in the AFE.

7.6.2 Time Breakdown

The completion and well clean-up flow were accomplished as shown in the table below :

Operation	Completion		Clean-up Flow		Suspension		Total Completion	
	Days	Hours	Days	Hours	Days	Hours	Days	Hours
AFE Planned Time	9.60	230.0	1.75	42.0	0.80	20.0	12.15	292.0
Actual Time	10.60	254.5	1.11	26.5	1.31	31.5	13.02	312.5
Actual as % of Planned	110%		63%		164%		107%	
Trouble Time	0.50	12.0	0.08	2.0	0.44	10.5	1.02	24.5
Trouble Free Time	10.10	242.5	1.02	24.5	0.87	21.0	12.00	288.0
Trouble Time as % Actual	5%		8%		33%		8%	
Variance, Total Actual Time vs AFE Time	+1.0 days (+10%)		-0.65 days (-37%)		+0.51 days (+64%)		+0.87 days (+7%)	
Variance, Trouble-Free Time vs AFE Time	+0.5 days (+5%)		-0.73 days (-42%)		+0.07 days (+9%)		**-0.15 days (-1%)**	

A more detailed time-breakdown is given in Section 8.1 below.

7.6.3 Observations

(i) Some difficulties were experienced cleaning the brine on the rig (difficulties cleaning the tanks and lines properly, etc), which required the use of a large number of filtration cartridges during this process.

(ii) Seawater was successfully used as a “pre-flush” to clean out the well, before converting the well to filtered 8.9 ppg brine.

(iii) “Barafilm”, an environmentally-safe amine-filming corrosion inhibitor, was successfully added to the drill string prior to POOH and laying this down, to preserve this drillpipe for future operations.

(iv) An additional cleanout of the BOP stack was successfully achieved by running the SPS “SABS” tool (Single Action Bypass Sub) with the wear-bushing retrieval tool.

(v) The programmed 4500 psi casing and liner test was eliminated, given that this test had been performed twice before (when the liner plug was bumped and then after the liner packer had been energised).

(vi) The day before the completion was run it was decided to install two gas-lift SPMs instead of the single one previously proposed, in order that a CIV could be in place at approximately 1500m TVD for the duration of the EPT and then a gas-lift valve could be installed at approximately 2500m TVD for the FFD (dummy GLV installed at this stage). These valves will be changed for a dummy GLV and an orifice GLV respectively during the well re-entry early in 2006.

(vii) The original program called for the surface stiff joint and Flowhead assembly to be rigged up for the packer-setting process, but it was realised that this was difficult and unnecessarily time-consuming, so the slickline lubricator was rigged up directly onto the completion riser and tested against the closed IDHC valves (both ICV and LV closed) to 500 psi, then the pressure was increased in stages to set upper packer and pressure test the tubing and annulus. Once all these test had been completed, a slickline run was made with a test tool to enable the lower packer to be set and tested. This saved a great deal of rig time and presented the added advantage of ensuring that the tubing between the two packers would be in tension when the lower packer was set (thereby counteracting any compressive effect when production commences – this could cause the IDHC valves to jam or malfunction). As it happened, this might have been a crucial decision as both (primary and backup) of the surface stiff joint assemblies were subsequently bent during the rig up and rig-down of these assemblies during later phases of the completion operations.

(viii) AMOG were employed to perform a number of riser-analysis calculations for the case where the well was tied back to the rig via the 5½" completion riser only, to ascertain the significant wave height at which flowback operations should cease and the riser should be flushed clean and then disconnected. It was apparent during the flowback operations that these calculations were overly conservative, as riser movement (and expected stresses) appeared to be considerably less than predicted at the relevant significant wave motion, as the rig appears to be considerably more stable than they had envisioned.

(ix) During the installation of the SST on the wellhead, communication was seen between ICV Open and LV open control lines, and it was suspected that this was occurring at the interface between the production mandrel below the SST and inside of the tubing hanger. The communication was seen when one of these lines was pressured up above 6500 psi and the other line was open to surface, and repeated in both directions; however, both lines held solid tests at 5000 psi. It was decided to continue with the completion despite this shortcoming, as (1) it only affected the selectivity of the completion, not its overall operability (if the leak developed in future, in the worst case both open lines could be pressured up to open both valves simultaneously) and (2) pressure only needs be applied to these control lines for short periods (5 to 10 minutes) to operated the valves, so a small leak should not significantly affect the valve operation. However, during the subsequent clean-up flow, an attempt was made to hold an opening pressure of 3000 psi on the ICV Open and LV Open control lines (respectively) but this pressure was seen to bleed off at around 50 psi per minute until it stabilised at around 1800 psi (note that the valves should still operate even at this low pressure, albeit very slowly).

(x) During the subsequent flowback, a problem was identified with the ICV during the initial flow period of the upper group. It appeared that the ICV was not fully open initially and then appeared to start to close, progressively, during the flow period (refer to Section 7.6.1 above, for details).

(xi) In light of the fact that the crude from the upper group was seen to be much less waxy than the lower group (it was described as having the consistency of chocolate mousse at lower temperatures, whereas the lower group crude was described as being more like boot polish), the original plan to leave the lower group open to initial flow through the FPSO was changed to the upper group, ie, the well was suspended with the ICV open and the LV closed.

(xii) The original program called for diesel to be bullheaded into the well immediately after the clean-up flow was completed, but this was revised to initially flush the surface lines

between the Flowhead and the choke manifold with diesel before bullheading diesel downhole, as this process would only take a few extra minutes (as opposed to several hours to bullhead diesel) and would ensure that any wax buildup in these surface lines was minimised.

Refer also to **Attachment 14 : Post-Well Reviews** for further observations and actions proposed during post-well completion review meetings conducted.

8 TIME AND COST SUMMARIES

8.1 Time Breakdown

Phase (sequential)	AFE Days	Actual Days	Difference (Days)	Variance / NPT Comments (Days)
Rig Move	2.75	6.44	+3.69	Marine equip failures (1.04), Weather (2.63)
Anchoring	1.00	1.33	+0.33	Marine equip problems (0.31), Fugro Navigation gear (0.04)
Prespud Preparations	0.25	0.54	+0.29	
36" Conductor Hole	0.50	0.11	-0.39	
30" Conductor	0.50	0.88	+0.38	
$17^{1}/_{2}$" Surface Hole	1.90	1.38	-0.52	
$13^{3}/_{8}$" Surface Casing	1.40	1.02	-0.38	
Run & Test BOP	1.25	1.46	+0.21	Riser & BOP problems (0.15)
12¼" Intermediate Hole	7.60	16.85	+9.25	Trip to pick up DP (0.21), BHA stuck in BOP (7.58), Mud pumps (0.13), Hole problems (0.08).
$9^{5}/_{8}$" Intermediate Casing	2.50	2.10	-0.40	
$8^{1}/_{2}$" Production Hole	4.70	3.67	-1.03	DP washout (0.81), Hole problems (0.19)
Evaluation (Open Hole) – including VSP Log	2.15	5.00	+2.85	Logging winch failure (0.17), Extended MDT program (2.27).
7" Production Liner	2.35	2.31	-0.04	
Test BOPs and Clean Up Casing & Liner	2.00	2.52	+0.52	Laying out DP not included in AFE
Evaluation (Cased Hole) & Perforating	1.05	1.27	+0.22	Extended perforating program.
Completion	4.50	4.48	-0.02	
Pull BOPs, Run and Test SST, recover plugs	2.05	2.29	+0.24	IDHC problem (0.10), bent stiff joint (0.13)
Cleanup Flows and SSSV Test	1.75	1.15	-0.60	Reduced flowback periods (-0.50)
Suspension	0.80	1.31	+0.51	Bent stiff joint (0.06), ROV problems (0.13), Tree Cap leak (0.25)
Retrieve Anchors	1.00	1.04	+0.04	
TOTALS:	**42.00**	**57.15**	**+15.15**	**(36.1%)**

Refer to **Attachment 13 : Total Well – Time & Cost Summaries** for graphical summaries of the actual rig times for Basker-2.

8.2 Cost Summary

Cost Description	Amount (A$)	
Original AFE	**$24,733,636**	
AFE Adjustments		
- Extended Open Hole Logging/Evaluation Program (extra 2.27 days plus incremental logging costs)	$1,557,475	
- Additional Completion Perforation Intervals (extra 0.22 days plus incremental perforating costs)	$253,119	
Normalised AFE	**$26,544,230**	
Estimated Actual Expenditure	**$30,863,568**	
Variance	**$4,319,338**	**17.5%**

Refer to **Attachment 13 : Total Well – Time & Cost Summaries** for a detailed summary of the actual expenditure for Basker-2, broken down by phase.

8.3 Non-Productive Time Analysis

Phase (in sequence)↓	Total NPT Hours	Trouble Time by Cause (Hours)				
		Weather	Hole Condition	Rig Equipment	Third Party Equipment	Other
Rig Move	88.0	63.0		25.0 - Towing gear		
Anchoring	8.5			6.0 - Marine	1.0 - Fugro Nav.	1.5 - Fouled PCC
Prespud & Cond. Hole	0.0					
Conductor Casing	0.5					0.5 - Shift rig to stab conductor shoe
Surface Hole	0.5			0.5 - Mud Pump		
Surface Casing	0.0					
BOP	3.5			1.0 - Riser Tension Ring, 2.5 - test tool hung-up in BOP		
Intermediate Hole	192.0		0.5 - Stuck pipe 1.5 - Tight hole	5.0 - Trip to pick up drillpipe 182.0 - BHA stuck in BOP 3.0 - Mud pumps		
Intermediate Casing	0.0					
Production Hole	24.5		4.5 -Tight hole	19.5 - Drillpipe washout	0.5 - MWD	
Evaluation	4.0				4.0 - Logging winch	
Production Liner	0.0					
Completion	24.5			1.0 - Air elevators, 1.5 - Valve leaks, 0.5 - Crane	2.0 - Ann. hose leak, 1.5 - CIV leak, 2.5 - IDHC/SST leak, 4.5 - Bent stiff joints, 2.0 - ICV testing, 3.0 - ROV problems, 6.0 - Tree Cap leak.	
Anchor Retrieval	0.0					
Totals:	**346.0**	**63.0**	**6.5**	**247.5**	**27.0**	**2.0**
Percentage of NPT:	**100.0%**	**18.2%**	**1.9%**	**71.5%**	**7.8%**	**0.6%**
Percentage of Total:	**25.2%**	**4.6%**	**0.5%**	**18.0%**	**2.0%**	**0.1%**

9 KEY OBSERVATIONS AND CORRECTIVE ACTIONS

9.1 MOBILISATION & DRILLING PHASES

Problems Encountered by Phase		Corrective Action	
Rig Move	Tow Equipment Failures / Limitations.	1	Design of the tow bridle, including fishplate, shackles and wires should be checked for adequacy by DOGC's engineering group
		2	A regular inspection program for bridle lines, fishplate and shackles should be initiated.
		3	The history of all marine wire ropes and associated hardware should be reviewed and a regimen of equipment replacement put into effect e.g.: every 6 months for critical tow and mooring equipment, every 2 years for non critical items.
Anchoring	PCC failure.		
17½" Hole Section	Mud Pumps down.	4	DOGC should develop a checklist of critical Drilling Equipment and BOP spares and minimum stock levels to be held on the rig.
12 1/4" Hole Section	BHA stuck in BOP (middle pipe rams).	5	Make as Standard Operating Procedure – unlock the Drill String compensator prior to running any tools or BHA through BOP stack, to reduce severity of any contact with rams.
		6	Conduct review of BOP control systems, and ensure there is an accurate flow diagram, that is kept current, on the rig at all times.
		7	Conduct critical review of BOP "between well" checks, including spm valve change-out policy and recording of BOP and control system checks.
	Insufficient DP on board to reach TD	8	Ensure that sufficient inspected and certified drill pipe is available on the rig, to reach section TD, prior to commencement of drilling in that hole section.
8 1/2" Hole Section	Drill-pipe Washout.		
Evaluation	Logging Winch Failure.	9	There should be an appropriate commissioning procedure for all Drilling Contractor and Third Party contractor equipment that is installed on the rig for the well about to be drilled.
General	No.4 Guidepost - Latch profile failure	10	Made up a C-Plate which was installed on the guideline below the PGB by the ROV. This will need to be repeated to establish a guideline on this post for any future interventions.

9.2 COMPLETION PHASE

Problems Encountered by Phase		Corrective Action (Implemented in Basker-2 or Proposed for Future Wells)	
Wellbore Cleanup	Some brine was contaminated.	1	Dump any drilling brine prior to commencing filtration of completion brine.
	Large no. of filter cartridges used.	2	Add a 50 micron bag filter as a pre-filter for the completion brine.
	Foaming problems when mixing (& circulating) surfactant pill.	3	Talk to mud company about possibility of adding a defoamer, or using a different product or mixing procedure.
Perforating	Prefer to have marker pups below perf intervals, not above.	4	Will revise future programs to reflect this (they were placed below perfs in attempt to avoid running guns past open perfs, but this wasn't a problem as it happened).
Completion	Confusion regarding depths being quoted in LAT & MSL.	5	Drilling will stick with LAT for future wells.
	Pre-measured tubing tally was incorrectly transcribed to paper summary list.	6	Ensure that a UP representative is on site when tallies are prepared during the pre-completion phase, to cross-check these.
	Time lost due to inability to test some subsea equipment off the critical path.	7	Rig up ALL required Sheaves, Umbilicals & Hoses, prior to picking up tail pipe.
	Unable to monitor pressure on SSSV while RIH completion riser.	8	Will modify IWOCS to include a wet connect on umbilical reel.
	Backup tubing hanger assembly lengths.	9	Saver sub on primary Tubing Hanger assy was longer than on backup Tubing Hanger assy, so that the control lines could still be connected up OK if there was a problem requiring the primary TH assy to be replaced. Pre-assy's to be clearly marked as primary or backup.
	Danger of damaging umbilicals while r/u THRT etc.	10	Placed Spanner Joint at mid point in rotary table during r/u of shuttle table, to minimise chance of damaging any umbilicals etc.
	Unable to test annulus access hose off critical path due to lack of test-plug receptacle in THRT.	11	Will include threads in bottom of Annulus ports in THRT to enable off-line tests to be conducted

Problems Encountered by Phase		Corrective Action (Implemented in Basker-2 or Proposed for Future Wells)	
Completion (Continued)	Original program called for the flowhead to be rigged up for the tubing hanger running phase.	12	This was eliminated by making use of the IDHC valves to pressure up against to set the upper packer, then an X-Selective Test Tool was run in to enable the lower packer to be set. Will investigate use of interventionless packer-setting devices in remaining B-M wells.
	Protectors for the riser were not properly recessed for AA hose.	13	Matrix to ensure that completion riser cross-coupling protectors are properly recessed for the annulus access hose.
	Problems with leaks in sectional annulus access hose.	14	Will prepare a revised cost-benefit analysis for a single section hose system.
	Bent both stiff joint assemblies.	15	Will modify design of stiff joint assembly, and will investigate use of smaller flowheads.
	R/u & r/d of choke and kill lines to slip joint is very inefficient.	16	Will talk to DODI about modifying procedures for r/u & r/d of choke and kill lines to slip joint.
	SST Deployment & Rig Interfaces are inefficient for our particular system.	17 18 19 20 21	• Modify or eliminate extra H-beam on tree cart. • Investigate use of single bridge crane to support tree so that it can be rotated while installing same onto tree cart. • Need special sling sets 1.5m long x 5T for tree installation. • Cameron to modify ROV stab-plate hook to include hinges. • Cameron to modify surface bullseye clamp to include hinges.
	AMOG Riser Analyses not useful or relevant.	22	Analyses were pessimistic & overly conservative. These need to be revised to provide a better match with the rig's ACTUAL motion characteristics.
	Problems with communication between the LV Open and ICV Open lines in SST Production Mandrel.	23 24	• Cameron to prepare a proposal for improving this interface, via 1) Improved elastomer properties (if available) and, 2) Provision of additional guide pins on Tree Frame to prevent lateral movement during final landing. • FPSO Operating Procedures to be modified, IDHC valves will be operated on the L.P. Supply (3000 psi) side of the HPU system.
	Spring-loaded BPVs.	25	Option to replace the existing spring-loaded 1" BPVs with Pressure Opening / Spring Return Slide Valves is currently being investigated (these can be positively tested).

Problems Encountered by Phase		Corrective Action (Implemented in Basker-2 or Proposed for Future Wells)	
Cleanup Flow	Expro performance.	26 27	• Offshore crew performed an excellent job – installing, testing and operating their well test equipment in a very confined space. • Onshore / management support was unsatisfactory – complete lack of support regarding provision of a smaller flowhead, problems with the corroded heat exchanger, and difficulties agreeing on a logical demobilisation plan.
	Liquid sampling.	28	Successfully obtained samples from separators, not from the surge tanks as originally programmed – less congested and no requirement to clean out the sampling tanks between flow periods. Will eliminate the 2nd Surge Tank on the basis of this (will retain tank with 2 x 50 bbl compartments).
	PPD injection.	29	Successfully administered but little value seen from the addition of this, so will eliminate PPD injection at wellhead in future wells (will still have equipment & chemical on standby).
	Bullheading diesel.	30	Worked OK but supply rate was as low as 1.5 bpm at times, need to improve this (replace or repair dedicated diesel supply pump).
Suspension	Wax in riser after flowback.	31	Wax found in crossover immediately below the flowhead and on the inside of the completion riser (whole length) – will have samples analysed to find a suitable solvent.
	Tree cap installation problems.	32	Damaged gasket suspected to be due to alignment difficulties combined with rig heave (despite use of compensator). Recommend future ops use heavy weight drillpipe and a bumper sub, utilising 4-core umbilical with hot stabs pre-engaged. This would require HWDP to be left in derrick after cleanout trip, ie, not laid out.
	Closing the SSSV rotary isolation valve on the SST.	33	Review of ROV Video footage suggests that the SCSSV rotary isolation valve is actually closed – Fugro Torque Tool end effectors to be purchased and modified for the Anzon 17D buckets to resolve this issue for future wells. Believe that this valve may have been damaged by applying high torque (below max specified) – Cameron to resolve this problem with Oliver Valves.

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ATTACHMENTS

Attachment 1 : Bit Record

Attachment 2 : BHA Record

Attachment 3 : Mud Record

Attachment 4 : Casing Reports

Attachment 5 : Cementing Reports

Attachment 6 : LOT / FIT Reports

Attachment 7 : Survey Reports

Attachment 8 : Activity Summary Reports

Attachment 9 : MDT & Well-Test Results

Attachment 10 : Downhole Completion Reports

Attachment 11 : Wellhead Diagrams

Attachment 12 : Downhole & Wellhead Valve Status

Attachment 13 : Total Well – Time & Cost Summaries

Attachment 14 : Post-Well Reviews

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Attachment 1 : Bit Record

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Bit Record

Well: BASKER - 2

Bit#	Date In/Out	IADC	Size (in)	Serial No.	Make	Type	Jets	In (m)	Out (m)	Metre (m)	Hrs O/B	ROP (m/hr)	WOB (klb)	RPM	RPM (DH)	Flow (bpm)	SPP (psi)	MW (ppg)	Bitwear I-O1-D-L-B-G-O2-R
1	14 Aug 2005 / 17 Aug 2005		17.500	6036882		MX-1		176.0	1006.0	830	20.9	39.71	10.00	145		601832.08	2100	1.05	0- 0- NO- A- E- I- RR- TD
	Formations: MD/TVD				Bit Run Comment:Ran with BHA 1 and BHA 2											Bit Wear Comment:			
3	19 Aug 2005 / 25 Aug 2005	M433	12.250	10752375	SECURITY DBS	FM3653Z		1006.0	2497.0	1491	43.2	34.51	10.40		200	22.00	3585	6.55	1- 4- WT- S- X- 2- CT- BHA
	Formations: MD/TVD				Bit Run Comment:											Bit Wear Comment:			
4	31 Aug 2005 / 03 Sep 2005	437X	12.250	NR6231	SMITH BITS	GFS10BVCPS		2497.0	2741.0	244	36	6.78	30.00					7.47	4- 4- WT- G- E- 2- BT- BHA
	Formations: MD/TVD				Bit Run Comment:											Bit Wear Comment:			
5	03 Sep 2005 / 06 Sep 2005	437	12.250	6029759	Hughes	MXCO9H		2741.0	2956.0	215	37.7	5.70						7.89	3- 4- WT- A- E- 1- BT- TD
	Formations: MD/TVD				Bit Run Comment:											Bit Wear Comment:			
6	08 Sep 2005 / 10 Sep 2005	M433	8.500	10732618	Security DBS	FM 3743		2956.0	3311.0	355	14.2	25.00	17500.00	120	190	16.60	3300	8.16	1- 4- WT- S- X- 1- CT- WO
	Formations: MD/TVD				Bit Run Comment:											Bit Wear Comment:			
7	10 Sep 2005 / 11 Sep 2005	517	8.500	6035573	Hughes	MX-20D		3311.0	3414.0	103	43.5	2.37	25.00	110		15.95	4050	8.25	3- 3- BT- A- E- 1- WT- TD
	Formations: MD/TVD				Bit Run Comment:											Bit Wear Comment:			
8	18 Sep 2005 / 20 Sep 2005	1 - 2 - 7	6.000	PB 4596	REED HYCALOG	SL 12KPR					0							8.34	0- 0- NO- A- E- I- NO- TD
	Formations: MD/TVD				Bit Run Comment:Cleanout run for completion, dressed off cement inside 7" liner from 3352 - 3383m.											Bit Wear Comment:			

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Attachment 2 : BHA Record

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BHA Record

BHA No.: 1

Parameters	
Date In/ Date Out	14 Aug 2005/ 14 Aug 2005
Depth In/ Depth Out	176.0/208.0
Length	201.5
Weight (Dry / Wet)	/
Weight Blw/Jar (Dry / Wet)	/
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description:	
BHA Run Comment:	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41			6036882	
Hole Opener	2.54			71063	
Float Sub	0.92				
Anderdrift	2.81			ABD 928	
9.5in DC	27.33				
X/O	1.17			MSO 1726	
8in DC	26.68				
X/O	1.17			MSO 1724	
5in HWDP	138.43				

BHA No.: 2

Parameters	
Date In/ Date Out	15 Aug 2005/
Depth In/ Depth Out	209.0/1006.0
Length	242.7
Weight (Dry / Wet)	/ 50.00
Weight Blw/Jar (Dry / Wet)	/ 35.00
String Weight	210.00
Pick-Up Weight	210.00
Slack-Off Weight	210.00
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description:	
BHA Run Comment:	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41	17.500		6036882	
Near Bit Stab	1.57	17.500		2931	
NMDC	3.00	9.500		SBD2367	
Stab	2.44	17.500		041262A	
MWD	9.88	9.500		29351	
Stab	1.99	17.500		5025	
9.5in DC	27.33	9.500			
X/O	1.17	9.500		MSO 1726	
8in DC	26.68	8.000			
Drilling Jars	10.11	8.250		111510	
8in DC	18.56	8.000			
X/O	1.17	8.000		MSO 1724	
5in HWDP	138.43	5.000			

BHA No.: 3

Parameters	
Date In/ Date Out	19 Aug 2005/ 24 Aug 2005
Depth In/ Depth Out	1006.0/2497.0
Length	200.2
Weight (Dry / Wet)	/ 45.00
Weight Blw/Jar (Dry / Wet)	/ 25.00
String Weight	207.00
Pick-Up Weight	290000.00
Slack-Off Weight	280000.00
Torque Max	10000
Torque on Bottom	
Torque off Bottom	
BHA Description: BHA stuck in BOP	
BHA Run Comment: Backed off BHA, recovered HWDP	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34	12.250		FM3653Z3	
Down Hole Motor	8.50	9.625		963006	
Stab	2.35	12.000	2.875	DA9033	
X/O	1.03	9.500	2.375	A545	
Gamma-Ray	7.20	8.000	1.937	9008129	
MWD	2.80	8.000	1.937	90081131k8	
MWD	3.10	8.000	3.500	10562337	
Stab	2.47	7.937	2.875	SBD2394	
8in DC	17.64	7.875	2.937		
Drilling Jars	10.11	8.250	3.000	111510	
Pony DC	5.02	8.062	2.875	SBD2374	
X/O	1.17	8.437	2.937	MS01724	
5in HWDP	138.43	5.000	3.000		

BHA No.: 4

Parameters	
Date In/ Date Out	25 Aug 2005/ 25 Aug 2005
Depth In/ Depth Out	2497.0/2497.0
Length	136.8
Weight (Dry / Wet)	57.00 / 50.00
Weight Blw/Jar (Dry / Wet)	/
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description:	
BHA Run Comment:	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Skirted screw in sub	2.74	14.000		TS041	
X/O	1.13	8.060	2.875	3163	
Bumper sub	2.77	2.770	2.875	TSP52006	
X/O	0.74	9.375	3.062	.74	
Drill Collar	36.46	9.000	2.812		
X/O	0.91	9.375	3.062	186-0035	
Drill Collar	53.81	8.000			
X/O	1.10	7.437	2.937	19426	
HWDP	27.57	5.000			

BHA No.: 5

Parameters	
Date In/ Date Out	31 Aug 2005/ 03 Sep 2005
Depth In/ Depth Out	2497.0/2741.0
Length	202.5
Weight (Dry / Wet)	/ 50.00
Weight Blw/Jar (Dry / Wet)	/ 26.00
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description:	
BHA Run Comment:	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35	12.250		MR6231	
Down Hole Motor	8.50	9.625	3.000	963271	
X/O	1.03	8.000	3.000	AS99	
Pony DC	3.58	8.000	3.000	DA8014	
Stab	2.19	11.500	2.875	47570	
MWD	12.97	8.000	2.875		
Stab	2.22	11.750	2.875	47568	
Drill Collar	17.64	8.000	3.000		
Drilling Jars	9.68	8.062	3.000	MHA00206	
Pony DC	5.02	8.062	2.875	SBD2374	
X/O	1.17	6.875	2.875	MSO1724	
HWDP	138.16				

BHA No.: 6

Parameters	
Date In/ Date Out	03 Sep 2005/ 06 Sep 2005
Depth In/ Depth Out	2741.0/2956.0
Length	196.7
Weight (Dry / Wet)	/ 48.00
Weight Blw/Jar (Dry / Wet)	/ 24.00
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description: 12 1/4" Directiional BHA	
BHA Run Comment: PDM has 1.5 degrees on housing.	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33	12.250		6029759	
Down Hole Motor	8.50	9.625	3.000	963271	
X/O	1.03	8.000	3.000	AS99	
MWD	12.97	8.000	2.875		
Stab	2.22	11.750	2.875	47568	
Drill Collar	17.64	8.000	3.000		
Drilling Jars	9.68	8.062	3.000	MHA00206	
Pony DC	5.02	8.062	2.875	SBD2374	
X/O	1.17	6.875	2.875	MSO1724	
HWDP	138.16				

BHA No.: 7

Parameters	
Date In/ Date Out	08 Sep 2005/ 10 Sep 2005
Depth In/ Depth Out	2956.0/3311.0
Length	220.6
Weight (Dry / Wet)	/ 35.00
Weight Blw/Jar (Dry / Wet)	/ 25.00
String Weight	168.00
Pick-Up Weight	335.00
Slack-Off Weight	300.00
Torque Max	18000
Torque on Bottom	12000
Torque off Bottom	4000
BHA Description: Hold angle to production zone target	
BHA Run Comment: BHA dropped angle and unable to slide to correct due to aggresive bit	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.25	8.500		10732618	
Down Hole Motor	7.69	7.000		700-024	
Float Sub	0.84	6.500	2.812	A550	
AGS	3.24	6.500	3.000	450-078	
MWD	12.96	7.625	2.875	NZ20042-0RGV6	
Stab	1.91	8.250	2.750	A265	
Drill Collar	18.68	6.500	2.685		
5in HWDP	109.92	5.000	3.000		
Drilling Jars	9.86	6.500	2.750		
5in HWDP	55.32	5.000	3.000		

BHA No.: 8

Parameters	
Date In/ Date Out	10 Sep 2005/ 11 Sep 2005
Depth In/ Depth Out	3311.0/3414.0
Length	222.6
Weight (Dry / Wet)	/ 25.00
Weight Blw/Jar (Dry / Wet)	/ 35.00
String Weight	320.00
Pick-Up Weight	340.00
Slack-Off Weight	330.00
Torque Max	18000
Torque on Bottom	17000
Torque off Bottom	16000
BHA Description: Rotary build of 1.16 deg / 30m	
BHA Run Comment: Only managed to hold angle	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34	8.500		6035573	
Float Sub	0.95	6.375	2.875	1860045	
Stab	1.91	8.250	2.750	A265	
LWD/FEWD	12.96	6.750			
Stab	1.34	8.000	2.875	2368	
Drill Collar	9.38	6.500	2.875	144-57	
Stab	1.97	7.750	2.938	A268	
Drill Collar	18.68	6.500	2.875		
5in HWDP	109.92	5.000	3.000		
Drilling Jars	9.86	6.500	2.750	768821	
5in HWDP	55.32	5.000	3.000		

BHA No.: 9

Parameters	
Date In/ Date Out	15 Sep 2005/ 16 Sep 2005
Depth In/ Depth Out	3414.0/3414.0
Length	178.6
Weight (Dry / Wet)	/ 24.00
Weight Blw/Jar (Dry / Wet)	/ 25.00
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description: Wiper trip to clean hole before running liner	
BHA Run Comment:	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
HWDP	27.57	5.000	3.000		
HWDP	109.89	5.000	3.000		
Drilling Jars	9.86	6.500	2.750	768-821	
Drill Collar	18.66	6.500	2.875		
Stab	1.91	8.250	2.750	A265	
Drill Collar	9.38	6.500	2.875	144-57	
Bit Sub	0.95	6.500	2.750	1860045	
Bit	0.34	8.500		6035573	

BHA No.: 10

Parameters	
Date In/ Date Out	18 Sep 2005/ 20 Sep 2005
Depth In/ Depth Out	3352.0/3383.0
Length	3220.4
Weight (Dry / Wet)	/
Weight Blw/Jar (Dry / Wet)	/
String Weight	
Pick-Up Weight	
Slack-Off Weight	
Torque Max	
Torque on Bottom	
Torque off Bottom	
BHA Description:	
BHA Run Comment: Dressed off cement inside 7" liner	

BHA Detail

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.20	6.000		PB4596	
Bit Sub	0.53	4.625		TS 704	
3 1/2" HWDP	9.40	3.500			
7" Scraper	1.68	7.000		250555	
3 1/2" HWDP	131.67	3.500			
3 1/2" DP	393.32	3.500			
X/O	0.36	6.562			
9 5/8" Scraper	2.25	2.250		244003	
Well Patroller	4.46	6.375		250604	
5in HWDP	137.73	5.000			
Drilling Jars	9.86	6.325		768821	
5in HWDP	18.41	5.000			
5in DP	1951.91	5.000			
SABS 101	1.05	6.375		250704	
SABS 102	1.15	6.375		250858	
5in DP	554.97	5.000			
Riser Brush	1.73	16.438		24626	

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Attachment 3 : Mud Record

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Drilling Fluids Record

Water Based Mud

Day	Chk	Date - Time	Type	Depth (m)	Oil Type	TMP (C°)	MW (ppg)	VIS (sec/qt)	PV (cp)	YP (lb/100ft²)	Gel10s / 10m (lb/100ft²)	ECD (ppg)	Cake (/32nd")	Sol (%)	Wtr (%)	LGS (%)	Sand ()	Oil (%)	Oil on Cut(%)	PV Temp(C°)	Loss HTHP (cc/30min)	Cl (mg/l)	Hard Cal (mg/l)	Excs Lime (ppb)	Elec Stab (mV)	Daily Cost ($)
9	1	21:00	Spud Mud	204.0			1.05	150	22	121	/															15142
		Mud Description: Spud Mud					Comment:																			
10	1	1800	Spud Mud	211.0			1.05	150	22	121	/															5260
		Mud Description: Spud Mud					Comment: Cumulative cost $ 20,401.82																			
11	1	20:00	Spud Mud	1006.0			1.05	150	22	121	/															15113
		Mud Description: Spud Mud					Comment: Cumulative cost $ 35,514.51																			
12	1	20:00	Spud Mud	1006.0			1.05	150	22	121	/															385
		Mud Description: Spud Mud					Comment: Cumulative cost $ 35,899.63																			
14	1	11:00	PHPA	1006.0			8.74	55	14	20	1 / 1			7	93							43000	200			2017
		Mud Description: PHPA					Comment: Cumulative cost $ 102,868.70																			
13	1	08:10	KCl/PHPA/Glycol	1006.0			1.05	62	7	11	3 / 3			7	93		0	0				43000	200			64952
		Mud Description: KCl/PHPA/Glycol					Comment: Cumulative cost $ 100,851.51																			
15	1	22:30	PHPA	1492.0		32	9.00	51	10	19	4 / 6			8	92							44000	480			42227
		Mud Description: PHPA					Comment: Cumulative cost $ 145,095.57																			
16	1	21.30	PHPA	1841.0		40	10.00	54	13	13	8 / 12			10	90							43000	520			23396
		Mud Description: PHPA					Comment: Cumulative cost $ 168,491.09																			
17	1	22.45	PHPA	2409.0		40	10.07	55	15	31	8 / 12			10	90							41000	720			27379
		Mud Description: PHPA					Comment: Cumulative cost $ 221,859																			
18	1	0400	PHPA	2489.0		48	10.07	55	16	26	11 / 14			10	90							36000	800			27378
		Mud Description: PHPA					Comment: Cumulative cost $ 221859.35																			
19	1	1800	PHPA	2497.0			10.00	65	14	27	8 / 13			10	90							35000	800			27378
		Mud Description: PHPA					Comment: Cumulative cost $ 221859.35																			
20	1	0400	PHPA	2497.0			10.00	69	19	29	8 / 10		1	10	90						16.0	35000	800			0
		Mud Description: PHPA					Comment: Cumulative cost $ 221859.35																			
21	1	0400	PHPA	2497.0			10.00	65	15	26	8 / 12			10	90						16.0	35000	800			516
		Mud Description: PHPA					Comment: Cumulative cost $ 222375.21																			
22	1	0400	PHPA	2497.0			10.00	65	15	26	8 / 12			10	90						16.0	35000	800			12600
		Mud Description: PHPA					Comment: Cumulative cost $ 234,975.21																			
23	1	0400	PHPA	2497.0		48	10.07	55	16	26	11 / 14			10	90							36000	800			0
		Mud Description: PHPA					Comment: Cumulative cost $ 234,975.21																			
24	1	0915	PHPA	2489.0			10.00	62	15	25	9 / 13			8	92						18.0	35000	680			198
		Mud Description: PHPA					Comment: Cumulative cost $ 235173.65																			

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Water Based Mud

Day	Chk	Date - Time	Type	Depth (m)	Oil Type	TMP (C°)	MW (ppg)	VIS (sec/qt)	PV (cp)	YP (lb/100ft²)	Gel10s / 10m (lb/100ft²)	ECD (ppg)	Cake (/32nd")	Sol (%)	Wtr (%)	LGS (%)	Sand ()	Oil (%)	Oil on Cut(%)	PV Temp(C°)	Loss HTHP (cc/30min)	Cl (mg/l)	Hard Cal (mg/l)	Excs Lime (ppb)	Elec Stab (mV)	Daily Cost ($)
25	1	15.00	PHPA	2497.0			10.00	66	14	25	6 / 10		1	9	91						18.0	0	280			0
		Mud Description: PHPA					Comment: Cumulative cost:- 235,173.65																			
26	1	21.00	PHPA	2560.0		35	10.00	62	19	37	11 / 15		1	10	90						16.0	30000	720			19974
		Mud Description: PHPA					Comment: Cumulative, $ 255,147																			
27	1	20.00	PHPA	2654.0		49	10.00	69	19	42	12 / 20		1	10	90						13.6	35000	480			15741
		Mud Description: PHPA					Comment: Cumulative, 0.889. HPHT: 8cc @ 180F, 14.6cc @ 250F.																			
28	1	15.00	PHPA	2741.0		54	10.00	79	20	43	13 / 18		1	10	90						11.0	41000	480			6110
		Mud Description: PHPA					Comment: Cumulative; $ 277,000. HPHT; 9.6cc @ 82C.																			
29	1	21.00	PHPA	2741.0			10.00	77	19	40	11 / 14		1	10	90						14.0	39000	400			0
		Mud Description: PHPA					Comment: Cumulative; $ 276,999.79																			
30	1	22.00	PHPA	2845.0		54	10.00	65	19	45	12 / 18		1	10	90						14.0	38000	360			11770
		Mud Description: PHPA					Comment: Cumulative; $ 8,769.40. HPHT FL/Temp, 9.8 @ 82C																			
31	1	18.30	PHPA	2956.0		63	10.00	63	18	47	14 / 21		1	10	90						14.0	39000	320			362
		Mud Description: PHPA					Comment: Cumulative; $ 28131.04. HPHT; FL/Temp,10.4 @ 82C																			
32	1	03.00	PHPA	2956.0			10.00	69	14	40	13 / 19		1	10	90						14.0	40000	360			0
		Mud Description: PHPA					Comment: Cumulative; $ 289,131.04																			
33	1	03.00	PHPA	2956.0			10.00	69	19	40	13 / 19		1	10	90						14.0	40000	360			0
		Mud Description: PHPA					Comment: Cumulative cost $ 289,131.04																			
34	1	22:45	PHPA	3116.0			9.30	59	14	28	7 / 10		2	8	92						16.0	45000	360			17810
		Mud Description: PHPA					Comment: Cumulative cost $ 306941.43																			
35	1	16:30	PHPA / KCl / Glycol	3297.0		54	9.40	58	16	36	11 / 15		2	7	93						14.0	39000	360			6939
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 313,880.15																			
36	1	22:30	PHPA / KCl / Glycol	3344.0		54	9.32	54	17	34	12 / 16		2	7	93						14.0	34000	400			7088
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 320,967.85																			
37	1	14:00	PHPA / KCl / Glycol	3414.0		55	9.32	54	16	34	10 / 15		2	7	93						14.0	32000	440			4584
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 325,551.42																			
38	1	14:00	PHPA / KCl / Glycol	3414.0		55	9.32	54	16	34	10 / 15		2	7	93						14.0	32000	440			117
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 325,668.84																			
39	1	14:00	PHPA / KCl / Glycol	3414.0		55	9.32	54	16	34	10 / 15		2	7	93						14.0	32000	440			117
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 325,668.84																			

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Water Based Mud

Day	Chk	Date - Time	Type	Depth (m)	Oil Type	TMP (C°)	MW (ppg)	VIS (sec/qt)	PV (cp)	YP (lb/100ft²)	Gel10s / 10m (lb/100ft²)	ECD (ppg)	Cake (/32nd")	Sol (%)	Wtr (%)	LGS (%)	Sand ()	Oil (%)	Oil on Cut(%)	PV Temp(C°)	Loss HTHP (cc/30min)	Cl (mg/l)	Hard Cal (mg/l)	Excs Lime (ppb)	Elec Stab (mV)	Daily Cost ($)
40	1	11:00	PHPA / KCl / Glycol	3414.0			9.32	52	15	27	9 / 13		2	7	93						14.0	31000	440			117
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 325,668.84																			
41	1	10:30	PHPA / KCl / Glycol	3414.0			9.25	54	16	26	9 / 13			7	93							31000	480			
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 325,668.84																			
42	1	08:30	PHPA / KCl / Glycol	3414.0			9.40	53	15	35	11 / 16			7	93							30000	520			25920
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 351,588.84																			
43	1	09:00	PHPA / KCl / Glycol	3414.0			9.40	54	15	35	11 / 16			8	92							30000	520			1419
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 353,008.24																			
44	1	10:00	PHPA / KCl / Glycol	3414.0			9.40	54	15	35	11 / 16			8	92							29000	520			4441
		Mud Description: PHPA / KCl / Glycol					Comment: Cumulative cost $ 357,448.83																			
45	1	20:00	KCl Brine	3414.0			8.90	27			/											55500	120			17405
		Mud Description: KCl Brine					Comment: Cumulative cost $ 374,853.50																			
46	1	20:00	KCl Brine	3414.0			8.90	27			/											55700	120			7846
		Mud Description: KCl Brine					Comment: Cumulative cost $ 382699.99																			
47	1	18:00	KCl Brine	3414.0			8.90	26			/											55600	140			7470
		Mud Description: KCl Brine					Comment: Cumulative cost $ 390,169.99, Sulphite Excess - 250 ppm																			
48	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			11317
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
49	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
50	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			11317
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
51	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
52	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
53	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
54	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm																			
55	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61																			

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Water Based Mud

Day	Chk	Date - Time	Type	Depth (m)	Oil Type	TMP (C°)	MW (ppg)	VIS (sec/qt)	PV (cp)	YP (lb/100ft²)	Gel10s / 10m (lb/100ft²)	ECD (ppg)	Cake (/32nd")	Sol (%)	Wtr (%)	LGS (%)	Sand ()	Oil (%)	Oil on Cut(%)	PV Temp(C°)	Loss HTHP (cc/30min)	Cl (mg/l)	Hard Cal (mg/l)	Excs Lime (ppb)	Elec Stab (mV)	Daily Cost ($)
56	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61																			
57	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61																			
58	1	18:00	KCl Brine	3414.0			8.90	26			/											560600	200			0
		Mud Description: KCl Brine					Comment: Cumulative cost $ 393,694.61																			

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MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 36" INTERVAL 14/08/2005 - 14/08/2005, 175 - 208 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CALCIUM CHLORIDE Sacks	25 KG BG	26	15.33	398.58
2 - CAUSTIC SODA	25 KG DM	5	30.46	152.30
3 - SODA ASH	25 KG BG	4	17.19	68.76
4 - MI Gel (Bulk)	1 MT BG	38	382.17	14522.46

SUB TOTAL:	15142.10
TAX:	0.00
WATER-BASED MUD TOTAL COST:	15142.1

TOTAL MUD COST FOR INTERVAL: 15142.1

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 17-1/2" INTERVAL 15/08/2005 - 17/08/2005, 208 - 1008 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	10	30.46	304.60
2 - SODA ASH	25 KG BG	12	17.19	206.28
3 - MI BAR (Bulk)	1 MT BG	11	358.06	3813.34
4 - MI Gel (Bulk)	1 MT BG	43	382.17	16433.31
SUB TOTAL:				20757.53
TAX:				0.00
WATER-BASED MUD TOTAL COST:				20757.53
TOTAL MUD COST FOR INTERVAL:				20757.53

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 12-1/4" INTERVAL 18/08/2005 - 7/09/2005, 1008 - 2956 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	10	30.46	304.60
2 - DEFOAM A	5 GA CN	1	92.24	92.24
3 - DUO-VIS	25 KG BG	161	302.03	48626.83
4 - GLUTE 25	25 LT CN	40	121.35	4854.00
5 - OS-1	25 KG BG	43	50.29	2162.47
6 - POLYPAC UL	25 KG BG	125	126.76	15845.00
7 - SODA ASH	25 KG BG	21	17.19	360.99
8 - POTASSIUM HYDROXIDE	25 KG CN	20	45.13	902.60
9 - KCl BB	1 MT BG	4	669.89	2679.56
10 - MI BAR (Bulk)	1 MT BG	57	358.06	20337.81
11 - BRINE KCl 16%	1 BL BL	2786	18.00	50148.00
12 - POLY PLUS DRY	25 KG BG	90	140.00	12600.00
13 - GLYDRIL LC	55 GA DM	52	774.13	40254.76
14 - GLYDRIL MC	220 KG DM	95	487.05	46269.75

SUB TOTAL:	245438.61
TAX:	0.00
WATER-BASED MUD TOTAL COST:	245438.61

TOTAL MUD COST FOR INTERVAL: 245438.61

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC
Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 8-1/2" INTERVAL 8/09/2005 - 15/09/2005, 2956 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	7	30.46	213.22
2 - CITRIC ACID	25 KG BG	1	50.50	50.50
3 - DEFOAM A	5 GA CN	3	92.24	276.72
4 - DUO-VIS	25 KG BG	60	302.03	18121.80
5 - GLUTE 25	25 LT CN	10	121.35	1213.50
6 - OS-1	25 KG BG	8	50.29	402.32
7 - POLYPAC UL	25 KG BG	97	126.76	12295.72
8 - SODIUM BICARBONATE	25 KG BG	2	14.54	29.08
9 - KWIKSEAL MEDIUM	40 LB BG	3	39.14	117.42
10 - POTASSIUM HYDROXIDE	25 KG CN	3	45.13	135.39
11 - KCl BB	1 MT BG	4	669.89	2679.56
12 - MI BAR (Bulk)	1 MT BG	3	358.06	1002.57
SUB TOTAL:				36537.80
TAX:				0.00
WATER-BASED MUD TOTAL COST:				36537.8

TOTAL MUD COST FOR INTERVAL: 36537.8

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

PRODUCT USAGE FOR COMPLETION INTERVAL

16/09/2005 - 22/09/2005, 3414 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	16	30.46	487.36
2 - DEFOAM A	5 GA CN	4	92.24	368.96
3 - DUO-VIS	25 KG BG	9	302.03	2718.27
4 - GLUTE 25	25 LT CN	6	121.35	728.10
5 - GUAR GUM	25 KG BG	1	79.62	79.62
6 - OS-1	25 KG BG	17	50.29	854.93
7 - KCl BB	1 MT BG	5	669.89	3349.45
8 - MI BAR (Bulk)	1 MT BG	5	358.06	1661.40
9 - BRINE KCl 16%	1 BL BL	2590	18.00	46620.00
10 - SAFE-CIDE	25 KG CN	2	91.77	183.54
11 - SAFE-COR	55 GA DM	16	505.43	8086.88
12 - SAFE-VIS E	5 GA CN	13	259.74	3376.62
13 - SAFE-SURF WN	200 KG DM	3	1166.88	3500.64
14 - TRIETHANOLAMINE	55 GA DM	4	950.70	3802.80

SUB TOTAL:	75818.57
TAX:	0.00
WATER-BASED MUD TOTAL COST:	75818.57

TOTAL MUD COST FOR INTERVAL: 75818.57

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Development Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR WELL

14/08/2005 - 22/09/2005, 175 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CALCIUM CHLORIDE Sacks	25 KG BG	26	15.33	398.58
2 - CAUSTIC SODA	25 KG DM	48	30.46	1462.08
3 - CITRIC ACID	25 KG BG	1	50.50	50.50
4 - DEFOAM A	5 GA CN	8	92.24	737.92
5 - DUO-VIS	25 KG BG	230	302.03	69466.90
6 - GLUTE 25	25 LT CN	56	121.35	6795.60
7 - GUAR GUM	25 KG BG	1	79.62	79.62
8 - OS-1	25 KG BG	68	50.29	3419.72
9 - POLYPAC UL	25 KG BG	222	126.76	28140.72
10 - SODA ASH	25 KG BG	37	17.19	636.03
11 - SODIUM BICARBONATE	25 KG BG	2	14.54	29.08
12 - KWIKSEAL MEDIUM	40 LB BG	3	39.14	117.42
13 - POTASSIUM HYDROXIDE	25 KG CN	23	45.13	1037.99
14 - KCl BB	1 MT BG	13	669.89	8708.57
15 - MI BAR (Bulk)	1 MT BG	75	358.06	26815.11
16 - MI Gel (Bulk)	1 MT BG	81	382.17	30955.77
17 - BRINE KCl 16%	1 BL BL	5376	18.00	96768.00
18 - SAFE-CIDE	25 KG CN	2	91.77	183.54
19 - SAFE-COR	55 GA DM	16	505.43	8086.88
20 - SAFE-VIS E	5 GA CN	13	259.74	3376.62
21 - SAFE-SURF WN	200 KG DM	3	1166.88	3500.64
22 - POLY PLUS DRY	25 KG BG	90	140.00	12600.00
23 - GLYDRIL LC	55 GA DM	52	774.13	40254.76
24 - GLYDRIL MC	220 KG DM	95	487.05	46269.75
25 - TRIETHANOLAMINE	55 GA DM	4	950.70	3802.80
TOTAL:				393694.60

Attachment 4 : Casing Reports

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Casing and Hole Summary

Well: BASKER - 2

Run Date: (#9) 14 Aug 2005		Comments:			
Casing Hole	30.000 in	Total Length Casing Run	34.70 m	Hole Size	36.000 in
Casing Weight	lbs/ft	Total # Joints Run	3	Hole Depth (MD)	209.00 m
Casing Grade	X-52	Float Collar Depth (MD)	m	Gauge Hole Volume	bbl
Collar Type		Shoe Depth (MD)	209.00 m	Casing Shoe Depth (TVD)	209.00 m
Thread Type	Lynx	Casing Landed Depth (MD)	174.50 m	Casing Landed Depth (TVD)	m
Stage Tool Type		Stage Tool Depth (MD)	m	LOT/FIT	ppg
Stage Tool	N/A	Liner Top Depth (MD)	m		
Liner	N/A				

Seq	Sect #	Jts	OD(in)	ID(in)	Wt(lbs/ft)	Grade	Type	Length(m)	Top set(m)	Remarks
1	1	1	20.000	18.000		X-52/X-56	Lynx SA-2	11.6	197.6	30" x 20" Shoe Joint
2	1	1	30.000	28.000		X-52	Lynx SA-2 x Lynx HT	11.4	186.2	30" Intermediate Joint
3	1	1	30.000	27.000		X-52	Lynx HT	11.7	174.5	30" Wellhead Joint

Run Date: (#12) 17 Aug 2005		Comments:			
Casing Hole	13.375 in	Total Length Casing Run	826.47 m	Hole Size	17.500 in
Casing Weight	68.0 lbs/ft	Total # Joints Run	75	Hole Depth (MD)	1006.00 m
Casing Grade	K-55	Float Collar Depth (MD)	987.83 m	Gauge Hole Volume	bbl
Collar Type		Shoe Depth (MD)	1000.00 m	Casing Shoe Depth (TVD)	1000.00 m
Thread Type	BTC	Casing Landed Depth (MD)	173.53 m	Casing Landed Depth (TVD)	173.53 m
Stage Tool Type		Stage Tool Depth (MD)	m	LOT/FIT	14.17 ppg
Stage Tool	No	Liner Top Depth (MD)	m		
Liner	No				

Seq	Sect #	Jts	OD(in)	ID(in)	Wt(lbs/ft)	Grade	Type	Length(m)	Top set(m)	Remarks
1	1	1	13.375	12.415	68.0	K-55	BTC	12.2	987.8	Shoe joint
2	1	2	13.375	12.415	68.0	K-55	BTC	12.0	975.8	Float Collar joint
3	2	72	13.375	12.415	68.0	K-55	BTC	790.9	184.9	13 3/8", 68#, K-55, BTC Casing
4	3	1	20.000	12.415		X-56/L-80	BTC x Welded	10.5	174.4	20" x 13 3/8", 18 3/4" Wellhead Housing joint
5	3	1					welded	0.9	173.5	H-4 Connector

Run Date: (#33) 07 Sep 2005		Comments:			
Casing Hole	9.625 in	Total Length Casing Run	2771.06 m	Hole Size	12.250 in
Casing Weight	47.0 lbs/ft	Total # Joints Run	220	Hole Depth (MD)	2956.00 m
Casing Grade	L80	Float Collar Depth (MD)	2919.55 m	Gauge Hole Volume	bbl
Collar Type		Shoe Depth (MD)	2945.00 m	Casing Shoe Depth (TVD)	2928.87 m
Thread Type	NSCC - VAM Top	Casing Landed Depth (MD)	173.82 m	Casing Landed Depth (TVD)	173.82 m
Stage Tool Type		Stage Tool Depth (MD)	m	LOT/FIT	13.10 ppg
Stage Tool	No	Liner Top Depth (MD)	m		
Liner	No				

Seq	Sect #	Jts	OD(in)	ID(in)	Wt(lbs/ft)	Grade	Type	Length(m)	Top set(m)	Remarks
1	1	1	9.625	8.535	53.5	L-80	NSCC	12.7	2932.2	Shoe joint
2	1	1	9.625	8.535	53.5	L-80	NSCC	12.7	2919.6	shoe track joint
3	1	1	9.625	8.535	53.5	L-80	NSCC	13.4	2906.2	Float collar joint
4	2	36	9.625	8.535	53.5	L-80	NSCC	461.8	2444.3	53.5#, L-80m, NSCC Casing
5	3	1	9.625	8.681	47.0	L-80	NSCC x Vam Top	5.9	2438.5	Crossover; NSCC p x Vam Top b
6	4	179	9.625	8.681	47.0	L-80	Vam Top	2258.4	180.1	47#, L-80, Vam Top Casing
7	5	1	9.625	8.681	47.0	L-80	Vam Top	6.3	173.8	9 5/8" Casing Hanger/Wellhead jt

Run Date: (#43) 17 Sep 2005		Comments: All depths tide corrected to MSL			
Casing Hole	7.000 in	Total Length Casing Run	560.06 m	Hole Size	8.500 in
Casing Weight	29.0 lbs/ft	Total # Joints Run	46	Hole Depth (MD)	3414.00 m
Casing Grade	13 Cr	Float Collar Depth (MD)	3400.31 m	Gauge Hole Volume	bbl
Collar Type		Shoe Depth (MD)	3413.00 m	Casing Shoe Depth (TVD)	3343.59 m

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Thread Type	Fox-k - Vam Top	Casing Landed Depth (MD)	2853.94 m	Casing Landed Depth (TVD)	2847.43 m
Stage Tool Type		Stage Tool Depth (MD)	m	LOT/FIT	ppg
Stage Tool	No	Liner Top Depth (MD)	2853.94 m		
Liner	Yes				

Seq	Sect #	Jts	OD(in)	ID(in)	Wt(lbs/ft)	Grade	Type	Length(m)	Top set(m)	Remarks
1	1	1	7.000	6.184	29.0	13Cr-80	Vam Top	12.7	3399.3	Shoe joint
2	1	1	7.000	6.184	29.0	13Cr-80	Vam Top	12.3	3387.0	Float Collar joint
3	1	1	7.000	6.184	29.0	13Cr-80	Vam Top x Fox-K	6.0	3381.0	Crossover; Vam Top p x Fox-K b
4	2	10	7.000	6.184	29.0	13Cr-80	Fox-K	124.9	3256.1	7", 29#, 13 Cr-80, Casing
5	2	1	7.000	6.184	29.0	13Cr-80	Fox-K	2.5	3253.6	Marker Pup
6	2	15	7.000	6.184	29.0	13Cr-80	Fox-K	188.7	3064.8	7", 29#, 13 Cr-80, Casing
7	2	1	7.000	6.184	29.0	13Cr-80	Fox-K	2.5	3062.3	Marker Pup
8	2	16	7.000	6.184	29.0	12Cr-80	Fox-K	199.2	2863.1	7", 29#, 13 Cr-80, Casing
9	3	1	7.000	6.184	29.0	L-80	Fox-K x Vam Top	0.7	2852.9	Crossover; Fox-K p x Vam Top b
10	3	1	8.312	6.188		4140-80	Vam Top	9.4	2852.9	Liner Hanger/Packer Assembly: BOT Flexlok III Hydraulic Liner Hanger (2.88m), RS Nipple (o.53m) and ZXP Top Packer with 3.34m x 7.75" ID PBR (5.65m)

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Attachment 5 : Cementing Reports

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Cement Report

DATE	WELL NAME	LOCATION	RIG	JOB TYPE
(#10) 15 Aug 2005	BASKER - 2	VICTORIA	OCEAN PATRIOT	Conductor

Job #	1	Casing (in)	30.000	Previous Casing (in)	

STAGE 1

Preflush/Spacer

	Type	Density (ppg)	Volume (bbl)
#	Seawater Spacer	8.6	50.0

Cement Blends

Tail

Type	Class G	Additives	Antifoam D047: CaCl2:	0.01 g/sk 1 %bwoc

Density	15.8 ppg	Excess	200 %	Thickening Time	2.3 h
Amount	35 mt	Excess	115.0 bbl	Mix Water Type	Seawater
Yield	1.19 ft3/Sack	Est Top	177.0 m	Mix Water Ratio	5.313 g/s
Volume	173.0 bbl	Est Depth	209.0 m	Mix Water Volume	104.0 bbl

Data

BHCT	C°	Plug Bumped	N/A	Mud Returns	N/A
Mix Water Temp.	C°	Plug Down Time		Cement Returns	bbl
Cement Blend Temp.	C°	Pressure	psi	Mud Losses	bbl
Slurry Temp.	C°	Float Held	N/A	Displacement Vol	35.5 bbl
Circ Rate	bpm	Mixing Rate	7.5 bpm	Displacement Rate	5 bpm
Pressure	psi	Pressure	182 psi	Pressure	109 psi
Duration	h	Duration	0.4 h	Duration	0.1 h
Pipe Movement		PreFlush Tops	m	**Centralizers**	
Height/Rate		Cement Tops	m	Number	
Duration	h			Location	

Remarks

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DATE	WELL NAME	LOCATION	RIG	JOB TYPE
(#12) 17 Aug 2005	BASKER - 2	VICTORIA	OCEAN PATRIOT	Conductor

Job #	2	Casing (in)	13.375	Previous Casing (in)	30.000

STAGE 1

Preflush/Spacer

	Type	Density (ppg)	Volume (bbl)
#1	Seawater Spacer	8.6	50.0

Cement Blends

Lead

Type	Extended Class G	Additives	Extender D075: Antifoam D047:	0.42 g/sk 0.01 g/sk	
Density	12.5 ppg	Excess	50 %	Thickening Time	4.8 h
Amount	37 mt	Excess	174.0 bbl	Mix Water Type	Seawater
Yield	2.23 ft3/Sack	Est Top	177.0 m	Mix Water Ratio	12.718 g/s
Volume	348.0 bbl	Est Depth	700.0 m	Mix Water Volume	274.0 bbl

Tail

Type	Class G	Additives	Antifoam D047:	0.01 g/sk	
Density	15.8 ppg	Excess	50 %	Thickening Time	2.9 h
Amount	42 mt	Excess	95.0 bbl	Mix Water Type	Seawater
Yield	116.00 ft3/Sack	Est Top	700.0 m	Mix Water Ratio	5.324 g/s
Volume	202.0 bbl	Est Depth	1000.0 m	Mix Water Volume	124.0 bbl

Data

BHCT	28 C°	Plug Bumped	Yes	Mud Returns	Yes
Mix Water Temp.	C°	Plug Down Time	18:50	Cement Returns	bbl
Cement Blend Temp.	C°	Pressure	1400 psi	Mud Losses	bbl
Slurry Temp.	C°	Float Held	Yes	Displacement Vol	400.0 bbl

Circ Rate	bpm	Mixing Rate	5.5 bpm	Displacement Rate	8 bpm
Pressure	400 psi	Pressure	psi	Pressure	psi
Duration	11.7 h	Duration	1.7 h	Duration	0.8 h

Pipe Movement		PreFlush Tops	177.0 m	**Centralizers**	
Height/Rate		Cement Tops	177.0 m	Number	
Duration	h			Location	

Remarks

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DATE	WELL NAME	LOCATION	RIG	JOB TYPE
(#33) 07 Sep 2005	BASKER - 2	VICTORIA	OCEAN PATRIOT	Conductor

Job #	3	Casing (in)	9.625	Previous Casing (in)	13.375

STAGE 1

Preflush/Spacer

	Type	Density (ppg)	Volume (bbl)
#1	Sea water	8.6	10.0
#2	Chemical wash	8.6	50.0
#3	Sea water	8.6	20.0

Cement Blends

Tail

Type	HTB Cement 35%	Additives	D193 FLAC: D110 retarder: D145A dispersant: D047 Antifoam:		0.75 g/sk 0.01 g/sk 0.1 g/sk 0.01 g/sk
Density	15.8 ppg	Excess	20 %	Thickening Time	4.5 h
Amount	57 mt	Excess	53.0 bbl	Mix Water Type	S/W
Yield	1.04 ft3/Sack	Est Top	1789.0 m	Mix Water Ratio	4.367
Volume	266.0 bbl	Est Depth	2956.0 m	Mix Water Volume	149.0 bbl

Data

BHCT	85 C°	Plug Bumped	Yes	Mud Returns	Yes
Mix Water Temp.	C°	Plug Down Time		Cement Returns	0.0 bbl
Cement Blend Temp.	C°	Pressure	4500 psi	Mud Losses	0.0 bbl
Slurry Temp.	C°	Float Held	Yes	Displacement Vol	703.0 bbl
Circ Rate	6.00 bpm	Mixing Rate	4 bpm	Displacement Rate	12 bpm
Pressure	700 psi	Pressure	500 psi	Pressure	psi
Duration	2.0 h	Duration	1.0 h	Duration	1.0 h
Pipe Movement	None	PreFlush Tops	m	**Centralizers**	
Height/Rate		Cement Tops	m	Number	22
Duration	h			Location	2 x cent on shoe joint 1 x cent on next 20 joints

Remarks

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ANZON_AU_FWR.xsl (parent/child V1.2)

DATE (#43) 17 Sep 2005	WELL NAME BASKER - 2	LOCATION VICTORIA	RIG OCEAN PATRIOT	JOB TYPE Conductor

Job #	4	Casing (in)	7.000	Previous Casing (in)	9.625

STAGE 1

Preflush/Spacer

	Type	Density (ppg)	Volume (bbl)
#1	Drill Water	8.3	10.0
#2	Chemical Wash	8.5	70.0

Cement Blends

Tail

Type	HTB Cement slurry	Additives	Silica: D175: D600G: D80:	35 %bwoc 0.05 g/sk 2.7 g/sk 0.07 g/sk

Density	15.8 ppg	Excess	10 %	Thickening Time	5.0 h
Amount	14 mt	Excess	5.0 bbl	Mix Water Type	Drill water
Yield	1.54 ft3/Sack	Est Top	2853.9 m	Mix Water Ratio	3.656
Volume	65.8 bbl	Est Depth	3414.0 m	Mix Water Volume	37.0 bbl

Data

BHCT	96 C°	Plug Bumped	Yes	Mud Returns	Yes
Mix Water Temp.	C°	Plug Down Time		Cement Returns	0.0 bbl
Cement Blend Temp.	C°	Pressure	4500 psi	Mud Losses	0.0 bbl
Slurry Temp.	C°	Float Held	Yes	Displacement Vol	214.0 bbl

Circ Rate	4.00 bpm	Mixing Rate	4 bpm	Displacement Rate	8 bpm
Pressure	500 psi	Pressure	500 psi	Pressure	700 psi
Duration	0.4 h	Duration	0.4 h	Duration	0.6 h

Pipe Movement	Rotate	PreFlush Tops	m	**Centralizers**	
Height/Rate	15 RPM	Cement Tops	m	Number	44
Duration	0.4 h			Location	One Spiroliser per joint on every joint of liner run

Remarks

'Copyright IDS 2005', TF/JG 20050112,
ANZON_AU_FWR.xsl (parent/child V1.2)

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		30"x 20" Conductor Csg Job	*Anzon*	
RIG		TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot		*Appraisal*		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
00:16 15.08.05	204m	36"				

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	Type	Wt.	Vis		
01:27 15.08.05					

Casing							Previous Casing		
Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at	TOP	Bottom	Size
30" x 20"	204m	X-52,X56							

Completion							BRIDGE PLUG		TAIL PIPE	
Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED				CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE	COLLAR	PLUGS	CENT.		Time - Min.	Vol. BBLS	Press - PSI
X Float Stab	Float Stab	Top Bottom	Qty. Type				

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
Wt.	Vol. BBLS	Fill	Wt.	Vol. BBLS	Fill	Wt.	Vol.	Mix Water	Fill	Wt.	Vol.	Mix Water	Fill
			8.3ppg	50bbls						15.8	173	104	32m

EQUIPMENT							DURING JOB WAS PIPE	PARAMETERS RECORDED:				ON:	MUD RETURNS
LAS	Pump	X Batch	Compressor	Pump Unit S/No.			Rotated	X	x	x		PRISM	LOST DURING JOB
LPJ	Unit	Mixer	RCM				Reciprocated	Press	Rate	Vol	Dty	Recorder	BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED
	Class"G" neat + 0.01gps D047 + 1% BWOC Calcium Chloride + 5.313gps Seawater @ 15.8ppg w/ 1.19 cf/sk yield	D047 Antifoam = 10 gals

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
00:16			40	5		Pump 40bbls of Seawater as spacer
00:25		2,000				Pressure test line to 2000psi
00:33			10	5		Pump 10bbls of Seawater with Flourescene dye
00:57			173	5		Mix and pump 173 bbls of Cement Slurry @ 15.8ppg (Mix fluid = 104bbls)
01:20			35.5	5		Displace with 35.5 bbls of Seawater behind
01:27						Bleed off and check return, No back flow observed
01:28						End of job, WOC

No. OF DS PERSONNEL ON JOB				STEM1 DONE? YES X NO	TOTAL LOST TIME H	TOTAL OPERATING TIME 1.5 H
SUP		S.S	1	CUSTOMER COMMENTS	DS REPRESENTATIVE	
MECH		F.E.	HEL 1		Edgardo Llagas/Nory Macatangay	

QUALITY OF SERVICE	GOOD	SATISFACTORY	POOR	CUSTOMER REPRESENTATIVE
				Wally Westman / John Wren

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		13 3/8" Casing Cementation	*Anzon*	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	*Appraisal*		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
14:56 17.08.05	1000m	17 1/2"				

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	Type	Wt.	Vis		
19:09 17.08.05					

Casing							Previous Casing		
13 3/8"	1000m	L-80 BTC	68ppf	5016	2261	975.8	TOP	Bottom	Size
Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at			

Completion							BRIDGE PLUG		TAIL PIPE	
Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED					CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE X Float Stab	COLLAR X Float Stab	PLUGS Top	Bottom	CENT. Qty. Type	DSEH	Time - Min.	Vol. BBLS	Press - PSI

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
Wt.	Vol. BBLS	Fill	8.3ppg Wt.	50bbls Vol. BBLS	Fill	12.5 Wt.	348 Vol.	274 Mix Water	518m Fill	15.8 Wt.	202 Vol.	124 Mix Water	310m Fill

EQUIPMENT								DURING JOB WAS PIPE	PARAMETERS RECORDED:				ON:	MUD RETURNS
X	LAS	X	Pump		Batch		Compressor	Rotated	X	x	x	x	PRISM	LOST DURING JOB
	LPJ		Unit		Mixer		RCM	Reciprocated	Press	Rate	Vol	Dty	Recorder	BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED
Class"G" neat + 0.01gps D047 + 0.42gps D075	Class"G" neat + 0.01gps D047 + 5.324gps	D047 Antifoam = 20 gals
12.72gps Seawater @ 12.5ppg w/ 2.23cf/sk	Seawater @ 15.8ppg w/ 1.16cf/sk yield	D075 Extender = 377 gals
		Flourescene dye = 2 kgs
yield		13 3/8" Top Plug = 1 ea.
		13 3/8" Bottom Plug = 1 ea.

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
14:56			10	7		Pump 10bbls of Seawater to flush the line
15:05		3,500				Pressure test line to 3500psi - Ok
16:12			20	7		Pump 20bbls of Seawater as spacer
16:15						Drop bottom dart
16:17			20	7		Pump 20bbls of Seawater as spacer and confirmed shearing of bottom plug after 11bbls
16:20			348	7		Mix and pump 348 bbls of Lead Slurry @ 12.5 ppg
17:18			202	5		Mix and pump 202 bbls of Tail Slurry @ 15.8 ppg
18:03						Drop top dart
18:04			20	7		Pump 20 bbls of Seawater behind and confirmed shearing of top plug after 11 bbls
18:07						Switch over to rig pump for final displacement and bumping of the plug
19:09						End of job

No. OF DS PERSONNEL ON JOB					STEM1 DONE? YES X NO	TOTAL LOST TIME H	TOTAL OPERATING TIME 3.5 H
SUP		S.S	1		CUSTOMER COMMENTS		DS REPRESENTATIVE
MECH		F.E.		HEL 1			Edgardo Llagas/Nori Macatangay

QUALITY OF SERVICE	GOOD	SATISFACTORY	POOR	CUSTOMER REPRESENTATIVE
				Wally Westman

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		9 5/8" Casing Cementation	Anzon	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	Appraisal		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
0900 07.09.05	2954m	12 1/4	28.88	85 deg		

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	WBM (Type)	10 (Wt.)	65 (Vis)		
1330 07.09.05					

Casing							Previous Casing		
9 5/8 (Size)	2945m (Depth)	L-80 BTC (Type)	47 ppf (Wt.)	(Volume)	4500 psi (Allowable Press.)	2920m (Collar at)	176 (TOP)	1000 (Bottom)	13 3/8 (Size)

Completion							BRIDGE PLUG		TAIL PIPE	
Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED					CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE x (Float Stab)	COLLAR x (Float Stab)	PLUGS one (Top) one (Bottom)	CENT 22 STA3 sp/bow (Qty. Type)		DSEH	120 (Time - Min.)	700 (Vol. BBLS)	700 (Press - PSI)

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
8.32 (Wt.)	50 (Vol. BBLS)	(Fill)	(Wt.)	(Vol. BBLS)	(Fill)	(Wt.)	(Vol.)	(Mix Water)	(Fill)	15.8 (Wt.)	266 (Vol.)	149 (Mix Water)	1156m (Fill)

EQUIPMENT								DURING JOB WAS PIPE		PARAMETERS RECORDED:				ON:	MUD RETURNS
x	LAS	x	Pump		Batch		Compressor	Rotated	no	X	x	x	x	PRISM	LOST DURING JOB
	LPJ		Unit		Mixer	x	RCM	Reciprocated	no	Press	Rate	Vol	Dty	Recorder	BBLS

Pump Unit S/No.

LEAD SLURRY	TAIL SLURRY	MATERIALS USED	
	Class G + 35% silica. / 5.55 gps DW	57 MT Cement	25 Gal D122a
	0.75 gps D193 FLAC	795 gal D193	1 x top, and 1 x DSE plugs
	0.01 gps D110 retarder.	15 gal D110	
	0.10 gps D145a Dispersant.	133 gal D145a	
	0.01 gps D047 antifoam.	10 gal D047.	

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
0930						JSA safety meeting on the rig floor.
0945			10	5		Pump 10 bbls water ahead.
1020		5,000				Pressure test lines to 5000 psi for 5 mins.
1027			50	7		Pump 50 bbl Chemical wash spacer ahead.
1046			20	5		Pump 20 bbl Water ahead
1048						Drop bottom dart Plug shear at 3000 psi
1049			266	4		Mix and pump a single slurry at 15.8 ppg with the above recipe. (266 bbl)
1148						Drop the Top plug.Plug shear at 2000 psi
1151			2	5		Displace with 2 bbl slurry from the cement unit.
1152				5		Displace with 10 bbl water from the cement unit.
1157						Switch over to the rig pumps and displace to bump plug.
1246		4500	4.5	4.5		Switch back to the cement unit to pressure up the casing to 4500 psi for 15 mins.
1332						Bleed off, check floats, all good
						RDWU.

No. OF DS PERSONNEL ON JOB					STEM1 DONE? YES X NO	TOTAL LOST TIME 0 H	TOTAL OPERATING TIME 3.5 H
SUP		S.S	1				
MECH		F.E.		HEL 1			

CUSTOMER COMMENTS

DS REPRESENTATIVE

Dave Green / Nori Macatangay

QUALITY OF SERVICE GOOD ☐ SATISFACTORY ☐ POOR ☐

CUSTOMER REPRESENTATIVE

Ron King

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		7" Liner Cementation	Anzon	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	Development		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
1800 17th Sept 05	3410m	8 1/2	28.88	85 deg		

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	WBM	10	53		
2200 17th Sept 05	Type	Wt.	Vis		

Casing							Previous Casing		
Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at	176 TOP	2945 Bottom	9 5/8 Size

Completion						BRIDGE PLUG		TAIL PIPE	
7" Size	3400 Depth	13Cr80 fox Type	29 lbs/ft Wt.	2845 Packer @	2845 top	3400 Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED				CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE x Float Stab	COLLAR x Float Stab	PLUGS Top	Bottom	CENT Qty. Type		120 Time - Min.	500 Vol. BBLS	700 Press - PSI

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
8.32 Wt.	70 Vol. BBLS	Fill	Wt.	Vol. BBLS	Fill	Wt.	Vol.	Mix Water	Fill	15.8 Wt.	66 Vol.	37 Mix Water	550m Fill

EQUIPMENT								DURING JOB WAS PIPE		PARAMETERS RECORDED:				ON:	MUD RETURNS
x	LAS	x	Pump		Batch		Compressor	Rotated	yes	x	x	x	x	PRISM	LOST DURING JOB
	LPJ		Unit		Mixer	x	RCM	Reciprocated	yes	Press	Rate	Vol	Dty	Recorder	BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED	
	Class G + 35% silica. / 3.66 gps DW	14 MT Cement	35 Gal D122a
	2.70 gps D600 Gasblok	702 Gal D600	35 Gal J237a
	0.05 gps D175 defoamer	10 Gal D175	
	0.09 gps D080 dispersant	20 Gal D080	

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
1800						JSA safety meeting on the rig floor.
			10	5		Pump 10 bbls water ahead.
1846		5,000				Pressure test lines to 5000 psi for 5 mins.
1856			70	5		Pump 70 bbl Chemical wash spacer ahead.
1916			66	4		Mix and pump a single slurry at 15.8 ppg with the above recipe. (66 bbl)
1940						Drop the DP wiper dart confirm with indicator
1942			10	5		Displace with 10 bbl DW from the cement unit.
			204	7		Continue to displace with 204 bbl mud from Cmt unit.
2020						Bump plug with 1000 psi over final disp pressure.
		4500	3	0.1		Increase pressure to 4500 psi and hold for 5 mins.
						Bleed off, check floats, all good
2130		4500	9	0.75		Pressure test the Liner lap to 4500 psi for 15 mins.
2200						Bleed off getting full returns.

No. OF DS PERSONNEL ON JOB				STEM1 DONE?	TOTAL LOST TIME	TOTAL OPERATING TIME
SUP		S.S	1	YES X NO	0 H	3.5 H
MECH		F.E.		HEL 1		

CUSTOMER COMMENTS	DS REPRESENTATIVE
	Dave Green / Gary Langtree

QUALITY OF SERVICE	GOOD	SATISFACTORY	POOR	CUSTOMER REPRESENTATIVE
				Ron King

Attachment 6 : LOT / FIT Reports

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ANZON

FORMATION/CASING INTEGRITY TEST CHART

TEST TYPE: LOT

WELL:	Basker 2	**Casing Size:**	13 3/8	in	
RIG:	Ocean Patriot	**SET @:**	1,001	TVD m	988 PSI
DATE:	20 Aug 05		1,001	MD m	**EMW :** 14.18 PPG
SUPERVISORS:	W. Westman / J. Wren				**EMW :** 1.70 SG

LOT / FIT

Mud Wt:	8.4	PPG
Mud SG:	1.01	
Mud Type:	KCl-PHPA-Glycol	

PUMPED BBLS	PRESSURE psi	PUMPED BBLS	PRESSURE psi	MINUTES	SHUT IN PRESSURE psi
0.00	0			0.00	988
0.25	0			0.50	750
0.50	201			1.00	641
0.75	225			1.50	627
1.00	269			2.00	627
1.25	320			2.50	622
1.50	398			3.00	622
1.75	563			3.50	622
2.00	741			4.00	622
2.25	915			4.50	622
2.42	988			5.00	622
2.42	750				

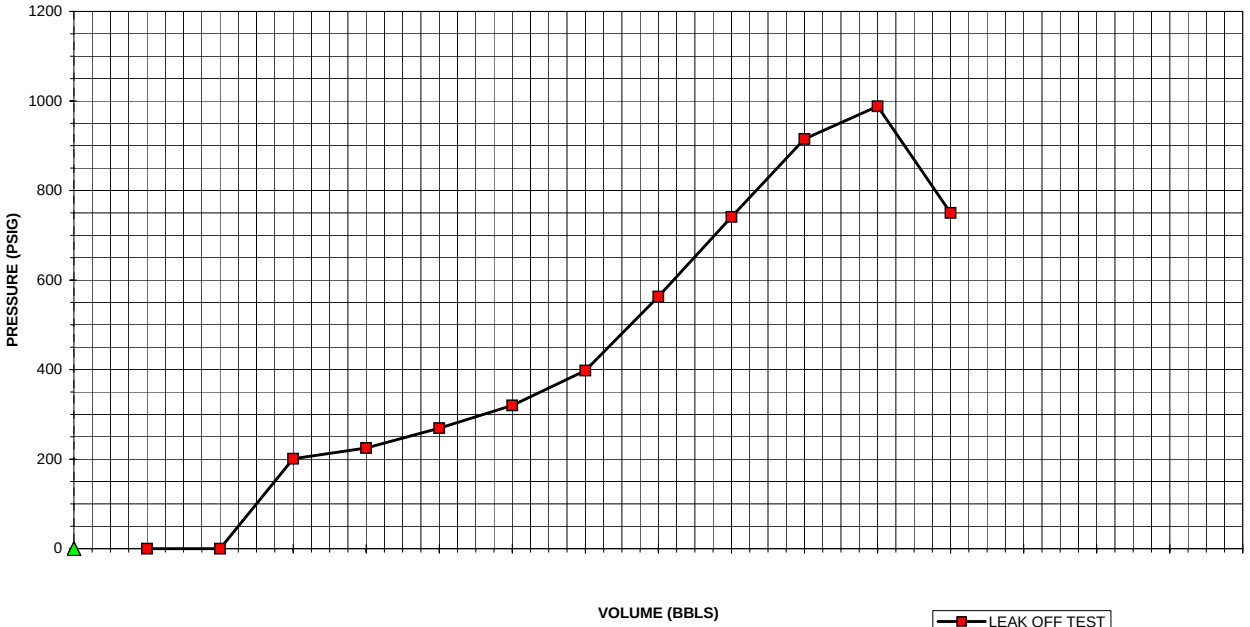
PUMP RATE	0.25	BPM
PUMPED	2.42	BBL
BLED BACK		BBL

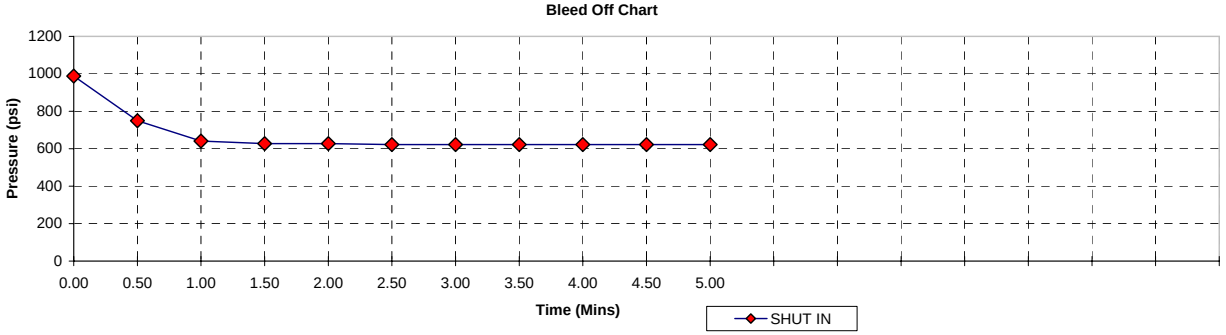
CASING TEST

Mud Wt:	8.4	PPG
Mud SG:	1.01	
Mud Type:	KCl-PHPA-Glycol	

PUMPED BBLS	PRESSURE psi	MINUTES	SHUT IN PRESSURE psi
0.00	0	0.00	0

PUMP RATE		BPM
PUMPED		BBL
BLED BACK		BBL





ANZON

FORMATION/CASING INTEGRITY TEST CHART

TEST TYPE: FIT

WELL:	Basker 2	**Casing Size:**	9 5/8	in	
RIG:	Ocean Patriot	**SET @:**	2,929	TVD m	1561 PSI
DATE:	08 Sep 05		2,945	MD m	**EMW :** 13.12 PPG
SUPERVISORS:	R. King / J. Wren				**EMW :** 1.57 SG

LOT / FIT

Mud Wt:	10	PPG
Mud SG:	1.20	
Mud Type:	KCl-PHPA	

PUMPED BBLS	PRESSURE psi	PUMPED BBLS	PRESSURE psi	MINUTES	SHUT IN PRESSURE psi
0.00	0	4.75		0.00	1561
0.25	178			1.00	1465
0.50	334			2.00	1456
0.75	480			3.00	1445
1.00	544			4.00	1437
1.25	576			5.00	1433
1.50	668			6.00	1429
1.75	792			7.00	1428
2.00	906			8.00	1428
2.25	998				
2.50	1108				
2.75	1195				
3.00	1282				
3.25	1373				
3.50	1460				
3.75	1561				
4.00					

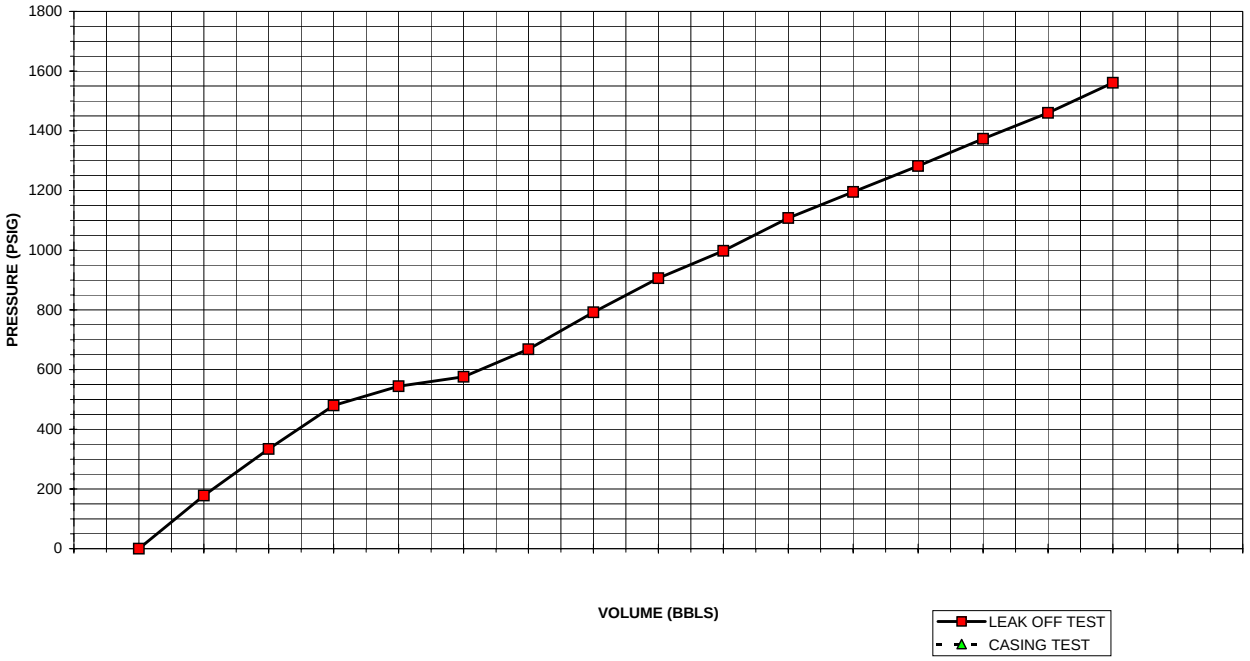
PUMP RATE	0.25	BPM
PUMPED	3.75	BBL
BLED BACK	3.75	BBL

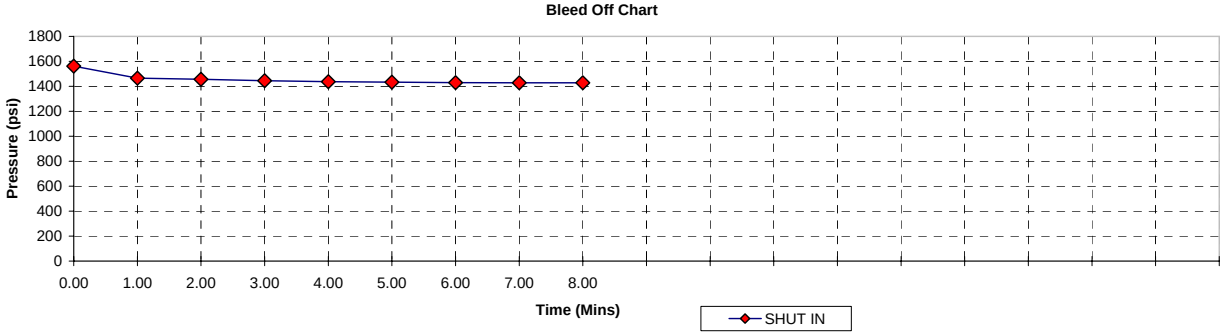
CASING TEST

Mud Wt:	10	PPG
Mud SG:	1.20	
Mud Type:	KCl-PHPA	

PUMPED BBLS	PRESSURE psi	MINUTES	SHUT IN PRESSURE psi
			0

PUMP RATE		BPM
PUMPED		BBL
BLED BACK		BBL





Attachment 7 : Survey Reports

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Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Project Basker

Map System:	Universal Transverse Mercator	**System Datum:**	Mean Sea Level
Geo Datum:	GDA94		
Map Zone:	Zone 55S (144 E to 150 E)		

Site Basker #2

Site Position:		**Northing:**	5,759,565.00 m	**Latitude:**	38° 17' 58.555" S
From:	Map	**Easting:**	649,250.00 m	**Longitude:**	148° 42' 24.647" E
Position Uncertainty:	0.00 m	**Slot Radius:**	in	**Grid Convergence:**	-1.058 °

Well Basker #2

Well Position	**+N/-S**	0.00 m	**Northing:**	5,759,566.40 m	**Latitude:**	38° 17' 58.509" S
	+E/-W	0.00 m	**Easting:**	649,251.90 m	**Longitude:**	148° 42' 24.724" E
Position Uncertainty		0.00 m	**Wellhead Elevation:**	m	**Water Depth:**	155.50 m

Wellbore Basker #2

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2005	31/07/2005	13.379	-68.731	59,927

Design Basker #2

Audit Notes:	Casing depths are provisional, and should only be used as a guide.				
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	

Vertical Section:	Depth From (TVD) (m)	+N/-S (m)	+E/-W (m)	Direction (°)
	0.00	0.00	0.00	189.878

Survey Program **Date** 22/09/2005

From (m)	To (m)	Survey (Wellbore)	Tool Name	Description
176.00	990.30	17½" MWD (Basker #2)	MWD	
1,007.58	2,930.71	12¼" MWD (Basker #2)	MWD	
2,981.05	3,414.00	8½" MWD (Basker #2)	MWD	

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.000	0.00	0.00
176.00	0.000	0.000	176.00	0.00	0.00	0.00	0.000	0.00	0.00
224.64	0.190	161.030	224.64	-0.08	0.03	0.07	0.117	0.12	0.00
282.39	0.070	139.650	282.39	-0.19	0.08	0.18	0.066	-0.06	-11.11
311.29	0.090	116.770	311.29	-0.22	0.11	0.19	0.039	0.02	-23.75
340.13	0.100	73.760	340.13	-0.22	0.16	0.19	0.073	0.01	-44.74
368.98	0.060	116.980	368.98	-0.22	0.19	0.18	0.072	-0.04	44.94
397.82	0.090	163.120	397.82	-0.25	0.21	0.21	0.068	0.03	48.00
426.64	0.040	150.940	426.64	-0.28	0.23	0.24	0.054	-0.05	-12.68
455.27	0.090	138.560	455.27	-0.30	0.25	0.26	0.054	0.05	-12.97
512.45	0.090	115.620	512.45	-0.36	0.32	0.30	0.019	0.00	-12.04

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
541.04	0.090	127.280	541.04	-0.38	0.35	0.32	0.019	0.00	12.24
569.57	0.090	149.550	569.57	-0.41	0.38	0.34	0.037	0.00	23.42
598.15	0.100	130.150	598.15	-0.45	0.41	0.37	0.035	0.01	-20.36
626.68	0.070	122.820	626.68	-0.48	0.45	0.39	0.033	-0.03	-7.71
655.39	0.070	93.470	655.39	-0.49	0.48	0.40	0.037	0.00	-30.67
684.11	0.090	75.670	684.11	-0.48	0.52	0.39	0.033	0.02	-18.59
713.01	0.070	46.860	713.01	-0.46	0.55	0.36	0.046	-0.02	-29.91
741.78	0.090	14.620	741.78	-0.43	0.57	0.33	0.050	0.02	-33.62
770.73	0.110	35.100	770.73	-0.38	0.59	0.28	0.042	0.02	21.22
799.47	0.100	46.210	799.47	-0.34	0.63	0.23	0.024	-0.01	11.60
828.16	0.070	89.320	828.16	-0.33	0.66	0.21	0.072	-0.03	45.08
856.72	0.070	42.390	856.72	-0.31	0.69	0.19	0.059	0.00	-49.30
885.23	0.000	253.430	885.23	-0.30	0.70	0.18	0.074	-0.07	0.00
913.66	0.060	324.630	913.66	-0.29	0.70	0.17	0.063	0.06	0.00
970.77	0.040	321.600	970.77	-0.25	0.67	0.13	0.011	-0.01	-1.59
990.30	0.100	275.800	990.30	-0.24	0.64	0.13	0.119	0.09	-70.35
1,000.10	0.102	305.570	1,000.10	-0.24	0.63	0.12	0.159	0.01	91.13
13 3/8"									
1,007.58	0.120	323.980	1,007.58	-0.23	0.62	0.12	0.159	0.07	73.84
1,036.29	0.170	300.460	1,036.29	-0.18	0.56	0.08	0.080	0.05	-24.58
1,065.40	0.170	5.050	1,065.40	-0.12	0.53	0.02	0.187	0.00	66.56
1,093.90	0.220	331.060	1,093.90	-0.03	0.51	-0.06	0.130	0.05	-35.78
1,122.82	0.140	342.260	1,122.82	0.06	0.47	-0.14	0.090	-0.08	11.62
1,151.70	0.310	334.260	1,151.70	0.16	0.43	-0.23	0.179	0.18	-8.31
1,180.48	0.250	318.650	1,180.48	0.28	0.35	-0.33	0.101	-0.06	-16.27
1,209.26	0.310	340.890	1,209.26	0.40	0.28	-0.44	0.128	0.06	23.18
1,237.94	0.310	337.820	1,237.94	0.54	0.23	-0.58	0.017	0.00	-3.21
1,294.96	0.410	316.370	1,294.96	0.83	0.03	-0.83	0.087	0.05	-11.29
1,323.33	0.410	317.990	1,323.33	0.98	-0.11	-0.95	0.012	0.00	1.71
1,351.78	0.500	308.150	1,351.77	1.14	-0.27	-1.07	0.125	0.09	-10.38
1,380.29	0.450	323.730	1,380.28	1.30	-0.44	-1.21	0.145	-0.05	16.39
1,408.92	0.560	313.660	1,408.91	1.49	-0.61	-1.36	0.148	0.12	-10.55
1,466.44	0.570	319.330	1,466.43	1.90	-1.00	-1.70	0.030	0.01	2.96
1,495.45	0.530	333.190	1,495.44	2.13	-1.15	-1.90	0.143	-0.04	14.33
1,524.52	0.620	322.850	1,524.51	2.38	-1.31	-2.12	0.141	0.09	-10.67
1,553.75	0.620	337.420	1,553.74	2.65	-1.46	-2.36	0.161	0.00	14.95
1,582.70	0.610	335.790	1,582.68	2.93	-1.59	-2.62	0.021	-0.01	-1.69
1,611.64	0.790	336.960	1,611.62	3.26	-1.73	-2.91	0.187	0.19	1.21
1,640.30	0.880	343.270	1,640.28	3.65	-1.87	-3.28	0.135	0.09	6.61
1,727.42	1.050	341.550	1,727.39	5.05	-2.31	-4.58	0.059	0.06	-0.59
1,753.75	1.250	345.400	1,753.71	5.55	-2.46	-5.05	0.244	0.23	4.39
1,782.06	1.310	348.870	1,782.01	6.17	-2.60	-5.63	0.104	0.06	3.68
1,810.73	1.320	342.050	1,810.68	6.81	-2.77	-6.23	0.164	0.01	-7.14
1,839.51	1.160	347.310	1,839.45	7.41	-2.93	-6.79	0.205	-0.17	5.48
1,868.40	1.330	345.600	1,868.33	8.02	-3.08	-7.37	0.181	0.18	-1.78
1,897.60	1.530	346.990	1,897.52	8.72	-3.25	-8.04	0.209	0.21	1.43
1,926.73	1.660	346.260	1,926.64	9.51	-3.44	-8.78	0.136	0.13	-0.75
1,955.70	1.490	331.530	1,955.60	10.25	-3.72	-9.46	0.453	-0.18	-15.25
1,984.13	1.390	329.830	1,984.02	10.87	-4.07	-10.02	0.115	-0.11	-1.79
2,012.56	1.450	328.820	2,012.44	11.48	-4.43	-10.55	0.069	0.06	-1.07
2,040.96	1.490	334.370	2,040.83	12.12	-4.77	-11.12	0.156	0.04	5.86
2,069.47	1.390	333.910	2,069.34	12.77	-5.09	-11.70	0.106	-0.11	-0.48
2,184.59	1.560	330.850	2,184.42	15.39	-6.46	-14.05	0.049	0.04	-0.80
2,213.55	1.690	337.470	2,213.37	16.13	-6.82	-14.72	0.236	0.13	6.86
2,242.35	1.790	336.870	2,242.15	16.93	-7.16	-15.45	0.106	0.10	-0.62

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
2,271.08	1.800	337.680	2,270.87	17.76	-7.51	-16.21	0.028	0.01	0.85
2,299.80	1.920	339.680	2,299.57	18.63	-7.84	-17.01	0.142	0.13	2.09
2,328.31	1.980	339.760	2,328.07	19.54	-8.18	-17.85	0.063	0.06	0.08
2,356.39	1.990	341.400	2,356.13	20.46	-8.50	-18.70	0.062	0.01	1.75
2,384.84	2.010	340.790	2,384.56	21.40	-8.83	-19.57	0.031	0.02	-0.64
2,413.64	2.130	341.030	2,413.34	22.38	-9.17	-20.48	0.125	0.12	0.25
2,442.71	2.020	337.080	2,442.39	23.36	-9.54	-21.38	0.186	-0.11	-4.08
2,472.22	2.070	337.280	2,471.89	24.33	-9.95	-22.27	0.051	0.05	0.20
2,499.05	2.110	341.020	2,498.70	25.25	-10.30	-23.11	0.159	0.04	4.18
2,527.69	1.240	320.720	2,527.33	25.99	-10.67	-23.77	1.090	-0.91	-21.26
2,557.34	0.870	264.890	2,556.97	26.21	-11.09	-23.92	1.053	-0.37	-56.49
2,585.21	1.480	194.310	2,584.84	25.85	-11.39	-23.51	1.557	0.66	-75.97
2,612.45	3.620	191.420	2,612.05	24.66	-11.65	-22.30	2.360	2.36	-3.18
2,643.41	6.450	190.090	2,642.89	21.99	-12.15	-19.58	2.744	2.74	-1.29
2,671.36	7.270	185.290	2,670.64	18.69	-12.59	-16.25	1.073	0.88	-5.15
2,700.45	9.300	184.650	2,699.42	14.51	-12.95	-12.07	2.096	2.09	-0.66
2,728.71	10.880	181.900	2,727.24	9.57	-13.22	-7.16	1.753	1.68	-2.92
2,757.90	13.900	178.270	2,755.75	3.31	-13.21	-0.99	3.204	3.10	-3.73
2,786.38	15.370	180.970	2,783.30	-3.88	-13.17	6.09	1.707	1.55	2.84
2,814.75	16.980	182.030	2,810.55	-11.78	-13.38	13.90	1.731	1.70	1.12
2,844.32	19.560	181.050	2,838.63	-21.05	-13.62	23.07	2.636	2.62	-0.99
2,872.38	24.390	182.400	2,864.64	-31.54	-13.95	33.47	5.192	5.16	1.44
2,901.45	28.380	180.270	2,890.68	-44.45	-14.23	46.24	4.231	4.12	-2.20
2,930.71	28.880	180.280	2,916.36	-58.47	-14.30	60.06	0.513	0.51	0.01
2,944.90	29.218	180.442	2,928.77	-65.36	-14.34	66.85	0.734	0.71	0.34
9 5/8"									
2,981.05	30.080	180.840	2,960.18	-83.24	-14.54	84.50	0.734	0.72	0.33
3,009.87	29.880	179.840	2,985.15	-97.64	-14.63	98.71	0.560	-0.21	-1.04
3,038.46	29.080	178.870	3,010.04	-111.71	-14.47	112.54	0.978	-0.84	-1.02
3,066.64	28.660	178.390	3,034.71	-125.31	-14.15	125.88	0.511	-0.45	-0.51
3,095.28	28.690	178.540	3,059.84	-139.05	-13.78	139.35	0.082	0.03	0.16
3,123.98	28.010	177.160	3,085.10	-152.67	-13.27	152.68	0.987	-0.71	-1.44
3,153.21	27.870	176.170	3,110.92	-166.34	-12.47	166.02	0.497	-0.14	-1.02
3,181.82	27.450	174.860	3,136.26	-179.58	-11.44	178.88	0.775	-0.44	-1.37
3,210.14	26.650	173.920	3,161.48	-192.40	-10.18	191.29	0.961	-0.85	-1.00
3,216.87	26.568	173.549	3,167.50	-195.39	-9.85	194.19	0.826	-0.37	-1.65
Target Rev #4									
3,238.54	26.310	172.340	3,186.90	-204.97	-8.67	203.42	0.826	-0.36	-1.67
3,267.81	25.940	171.770	3,213.18	-217.74	-6.88	215.69	0.458	-0.38	-0.58
3,307.72	26.060	170.420	3,249.06	-235.02	-4.18	232.25	0.454	0.09	-1.01
3,364.81	25.940	170.200	3,300.37	-259.69	0.04	255.83	0.081	-0.06	-0.12
3,401.22	25.960	170.310	3,333.11	-275.39	2.73	270.84	0.043	0.02	0.09
3,414.00	25.960	170.310	3,344.60	-280.91	3.67	276.11	0.000	0.00	0.00

Sperry Drilling Services
Survey Report

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Targets

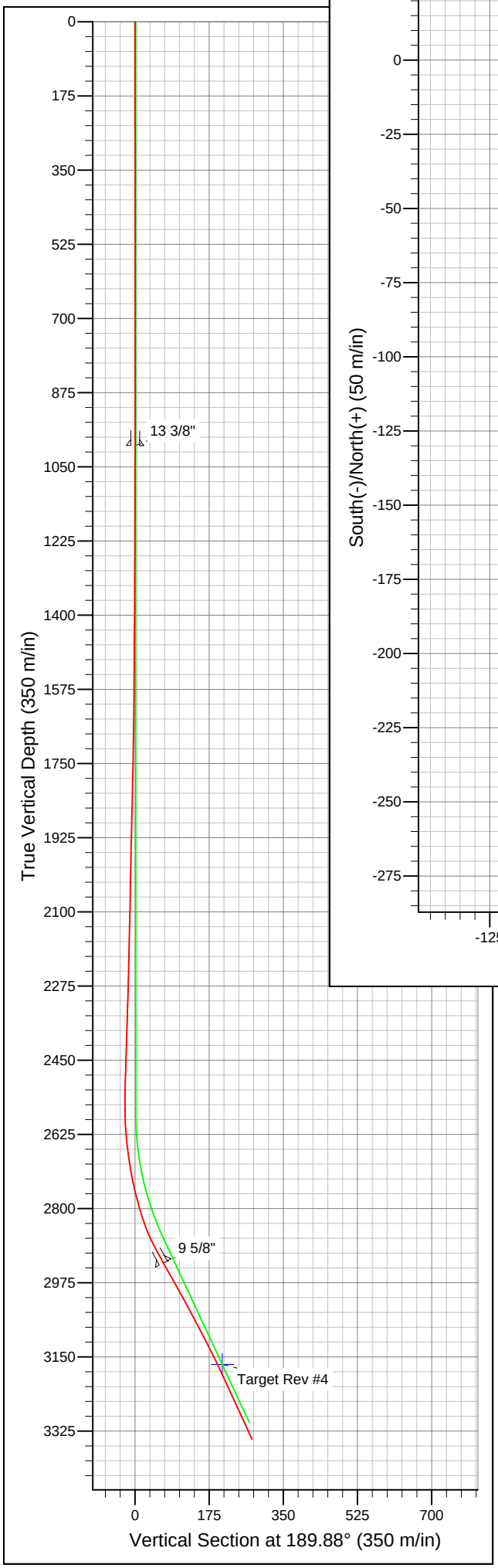
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (m)	+N/-S m	+E/-W m	Northing (m)	Easting (m)	Latitude	Longitude
Target Rev #4	0.00	0.00	3,167.50	-202.40	-36.90	5,759,364.00	649,215.00	38° 18' 05.095" S	148° 42' 23.359" E
- actual wellpath misses by 27.94m at 3216.87m MD (3167.50 TVD, -195.39 N, -9.85 E)									
- Polygon									
Point 1				50.00	0.00	5,759,364.00	649,265.00		
Point 2				50.00	-25.00	5,759,339.00	649,265.00		
Point 3				-50.00	-25.00	5,759,339.00	649,165.00		
Point 4				-50.00	0.00	5,759,364.00	649,165.00		

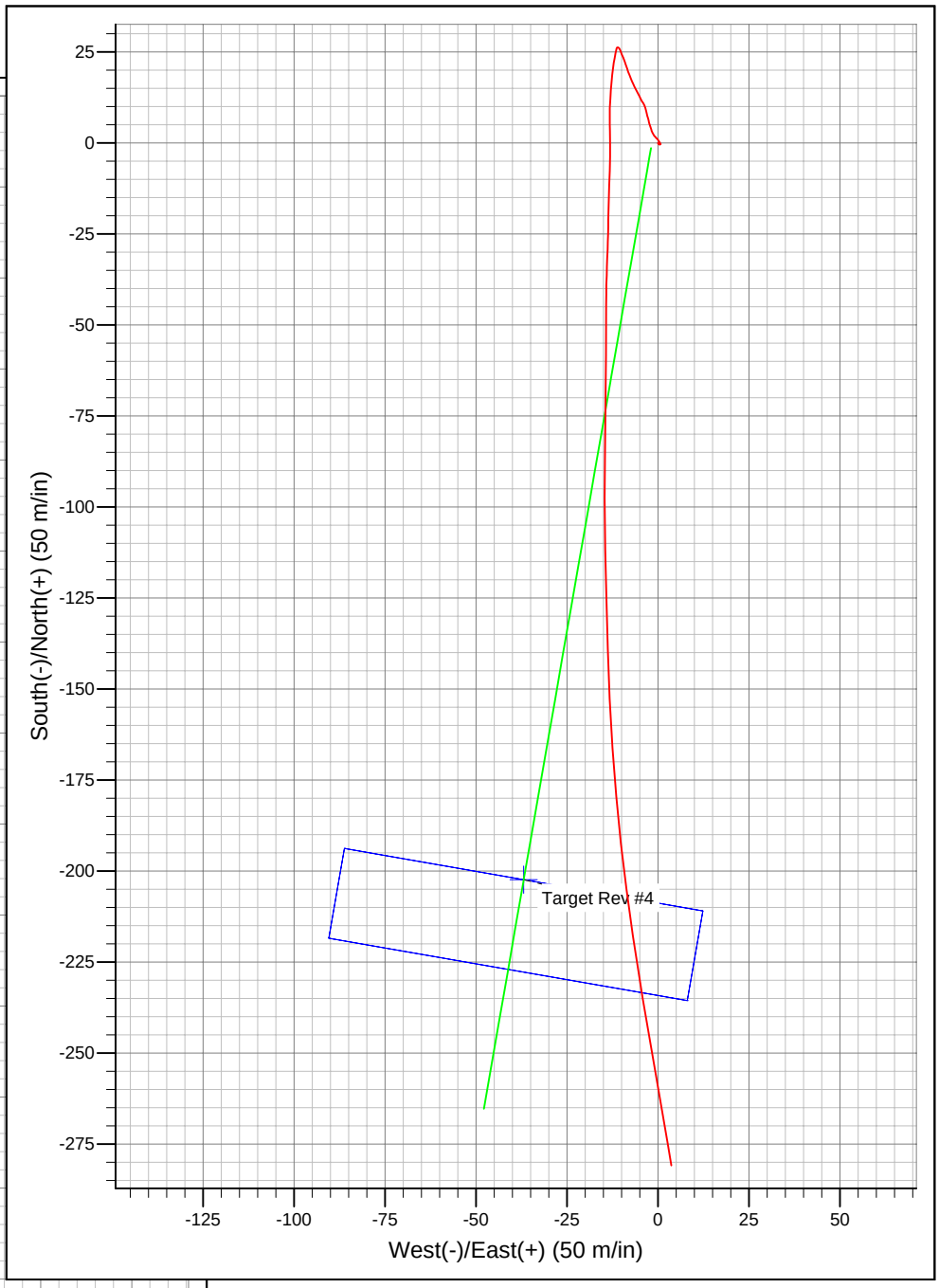
Casing Points

Measured Depth (m)	Vertical Depth (m)	Name	Casing Diameter (in)	Hole Diameter (in)
1,000.10	1,000.10	13 3/8"	13.37	17.50
2,944.90	2,928.77	9 5/8"	9.62	12.25

Checked By: _____ Approved By: _____ Date: _____

Sperry Drilling Services





Project: Basker
Site: Basker #2
Well: Basker #2
Wellbore: Basker #2
Design: Basker #2

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Attachment 8 : Activity Summary Reports

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Activity Report For BASKER - 2

Date : 06 Aug 2005						**Daily Cost : $ 3568126**	**Report Number : 1**
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	RM	P	RM		9	Last anchor on rack at o4:22 am. Dip fuel and prepare statement. Pacific Wrangler on tow bridle. Far Grip following. Tow at 4.5 knts.	
0.0	RM	TP	RM	RE	1.5	Towline shackle (85ton) parted at fishplate. Wrangler recover tow line. Rig recover fishplate.	
0.0	RM	TP	RM	RE	1.5	Pass secondary tow bridle to Pacific Wrangler and attach 2nd tow bridle. Port leg of tackle broke behind thimble when loaded. (Leg had twisted previously during attachment process).	
0.0	RM	TP	RM	RE	0.5	Drop #5 anchor to hold rig stern-to-weather. Pay out 600m of chain. Weather deteriorating. Wind 30 knts gusting 40 knts. Position 39º 18.19' S 143º 26.6" E	
0.0	RM	TP	RM	RE	2	Attempt to attach re-built primary tow bridle. Wind 40 knts+.	
0.0	RM	TP	RM	RE	5	Shut down due to sea height and darkness. Danger of losing seamen overboard. Rig is clear of shipping lanes. Far Grip and Wrangler maintain watch for shipping. Ballast down to storm draught to stabilize rig as #8 anchor being moved on bolster by sea.	

Date : 07 Aug 2005						**Daily Cost : $ 289144**	**Report Number : 2**
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	RM	TP	RM	RE	6	Wait on daylight. Weather moderating.	
0.0	RM	TP	RM	RE	5	De-ballast rig to transit draught. Prepare to reinstate tow.	
0.0	RM	TP	RM	RE	3.5	Pass messenger line / tow bridle to Pacific Wrangler. Lift #8 anchor to rack. Secure tow. Lift #5 anchor. #5 racked at 14:30.	
0.0	RM	P	RM		9.5	Under tow to Basker #2.	

Date : 08 Aug 2005						**Daily Cost : $ 293241**	**Report Number : 3**
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	RM	P	RM		24	On tow to Basker #2. Time Position Speed. Dist trav. Dist to go. Course 06:00 39deg 16.4'S, 144deg 39.3'E 4.16 kts 111.3 198.8 090 12:00 39deg 17.6'S, 145deg 36.0'E 4.80 Kts 140.3 169.8 090 18:00 39deg 17.8'S, 146deg 14.9'E 4.95 Kts 170.0 140.1 090 24:00 39deg 12.2'S, 146deg 48.0'E 4.50 Kts 197.1 113.0 000	

Date : 09 Aug 2005						**Daily Cost : $ 292742**	**Report Number : 4**
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	RM	P	RM		24	On tow to Basker - 2 well Time Position Speed Dist trav. Dist to go. Course 06:00 39deg 45.5'S 147deg 20.1'E, 4.36 kts, 223.4nm, 86.7nm, 070 deg 12:00 39deg 54.4'S 147deg 49.8'E, 4.18 kts, 248.5nm, 61.6nm, 069 deg 18:00 38deg 45.5'S 148deg 20.1'E, 4.36 kts, 274.7nm, 32.4nm, 049 deg 24:00 38deg 31.2'S 148deg 37.5'E 2.50 kts, 289.4nm, 17.6nm, 021 deg	

Date : 10 Aug 2005						**Daily Cost : $ 263378**	**Report Number : 5**
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	RM	TP	RM	WOW	5	Attempt run-in to location. 2 nm from location. Rough weather pulling Rig and Pacific Wrangler backward (East) at 1.5 knts). Wind 25knts gusting 35 knts. Seas 3m. 70-75 ton pull on towline.	
0.0	RM	TP	RM	WOW	3.5	Weather deteriorating. Wind and sea rising 40 knts 4 -5 m. Unable to make way. Travelling east at 2 knts.	

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Date : 10 Aug 2005					Daily Cost : $ 263378	Report Number : 5
0.0	RM	TP	RM	WOW1	Drop #8 anchor and pay out 650m chain. Anchor holding. Position 38º 12' 26.6 S 148º 58' 07.1 E	
0.0	RM	TP	RM	WOW14.5	Rig heading 273º. Deballast rig to storm draught. 0800 hrs, 40kt wind, seas 2.0m, swell 2.0m, pitch 2.5 deg, roll 3.0 deg 1200 hrs, 40kt wind, seas 3.0m, swell 3.0m, pitch 2.5 deg, roll 3.0 deg 1800 hrs 45kt wind, seas 2.5m, swell 5.0m, pitch 3.0 deg, roll 2.0 deg 2400 hrs 40kt wind, seas 3.0m, swell 3.0m, pitch 3.0 deg, roll 2.0 deg	

Date : 11 Aug 2005					Daily Cost : $ 317545	Report Number : 6
Depth (m)	Phase	Cls	Op	R.C. Hrs	Activity	
0.0	RM	TP	RM	WOW23	Continue to wait on weather to abate off location before anchoring operations can continue. 0600 hrs wind 45kts, seas 2.5m, swell 5.0m, pitch 2.5 deg, roll 2.5 deg 1200 hrs wind 40kts, seas 3.0m, swell 3.0m, pitch 2.0 deg, roll 2.0 deg 1800 hrs wind 33kts, seas 3.0m, swell 3.0m, pitch 2.0 deg, roll 2.0 deg 2200 hrs wind 26kts, seas 3.0m, swell 2.0m, pitch 2.0 deg, roll 2.0 deg	
0.0	RM	TP	RM	WOW1	Start deballasting rig from survival draft of 20m to moving draft of 10.7m	

Date : 12 Aug 2005					Daily Cost : $ 309348	Report Number : 7
Depth (m)	Phase	Cls	Op	R.C. Hrs	Activity	
0.0	RM	TP	RM	WOW7.5	Continue deballasting rig from survival draft of 20m to moving draft of 10.7m to resume tow to Basker - 2 location. 0600 hrs - Rig hauled in on # 8 anchor and lifted same while completing deballast 0715 hrs - Anchor # 8 racked. Rig stripping tanks to complete deballast to transit draft	
0.0	RM	TP	RM	WOW7.5	Continue tow rig to Basker 2 location 1200 hrs 38deg 15.4'S, 148deg 49.1'E, Speed 2.1kts, Travelled 317.3nm, To go 3.6nm	
0.0	A	TP	AH	OTH 1.5	Far Grip alongside rig to pick up anchor # 4 PCC PCC fouled on rig pontoon Far Grip unfoul PCC from rig pontoon and secure anchor # 4 PCC to boat	
0.0	A	P	AH	4.25	Rig payed out 200m of chain on anchor # 4 Far Grip following rig holding onto anchor # 4	
0.0	A	P	AH	0.5	At anchor # 4 drop point, Far Grip puts # 4 anchor on bottom at 20:50 hrs Rig continues to be towed to Basker 2 location while rig pays out on # 4 anchor chain	
0.0	A	TP	AH	VE 1	Problems with Nav equipment screen on Far Grip. Far Grip unable to strip back PCC to rig until Nav screen fixed Fugro on rig work with Far Grip to fix Nav screen	
0.0	A	P	AH	1.75	Far Grip strip back # 4 PCC to rig # 4 PCC to rig - 2307 hrs Anchor # 8, MV Far Grip PCC to boat - 2337 hrs Run anchor - 2342 hrs	

Date : 13 Aug 2005					Daily Cost : $ 303390	Report Number : 8
Depth (m)	Phase	Cls	Op	R.C. Hrs	Activity	
0.0	A	P	AH	6	Anchor # 8, MV Far Grip 0020 hrs - Anchor on bottom 0111 hrs - PCC passed to rig Anchor # 1, MV Far Grip 0145 hrs - PCC passed to boat 0206 hrs - running out anchor 0240 hrs - anchor on bottom - Boat reports PCC parted 4m from boat end Anchor # 5, MV Far Grip	

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Date : 13 Aug 2005						Daily Cost : $ 303390	Report Number : 8
						0330 hrs - PCC passed to boat 0402 hrs - running out anchor 0433 hrs - anchor on bottom 0550 hrs - PCC back to rig Anchor # 1 slipping at at 123 tonne tension, indicating wrong orientation
0.0	A	TP	AH	RE	6	MV Far Grip Rigging up "J" Hook to chase out anchor # 1 0715 hrs - Far Grip "J" hooks # 1 chain and begins chasing back to anchor 0815 hrs - Far Grip reports "J" hook come off chain 0837 hrs - Far Grip hooked chain again, chasing out to anchor 1001 hrs - Far Grip reports "J" hook at anchor 1010 hrs - Anchor # 1 off bottom 1032 hrs - Anchor # 1 at Far Grip roller, wrong way round - unable to get to get anchor on deck of boat 1100 hrs - Far Grip advised that decision made to run anchor "as is" without installing new PCC 1135 hrs - Anchor # 1 on bottom 1147 hrs - Far Grip chasing back to rig with "J" hook
0.0	A	P	AH		11	1147 hrs - MV Wrangler shortens tow wire 1222 hrs - Rig retreived tow wire MV Wrangler rigged down tow system, rigged up to run anchors MV Far Grip rigged down "J" hook gear, rigged up to run anchors Anchor # 2, MV Far Grip 1320 hrs - PCC secured on boat - anchor upside down - correct orientation of anchor 1434 hrs - Run out # 2 anchor 1517 hrs - Anchor # 2 on bottom 1648 hrs - PCC secured on rig Anchor # 6, MV Wrangler 1325 hrs - PCC secured on boat 1342 hrs - run out # 6 anchor 1406 hrs - Anchor # 6 on bottom 1436 hrs - PCC secured to rig Anchor # 7, MV Wrangler 1456 hrs - PCC secured to boat 1507 hrs - Run out # 7 anchor chain 1532 hrs - Anchor # 7 on bottom 1610 hrs - PCC secured on rig Anchor # 3. MV Wrangler 1620 hrs - anchor passed to Wrangler 1657 hrs - PCC secured to boat 1854 hrs - Run out # 3 anchor 1907 hrs - anchor # 3 on bottom 1958 hrs - PCC secured to rig 1700 - 1800 hrs - storm tension anchors to 200 tonne - OK Commenced ballasting rig down to drilling draft at 1800 hrs Completed ballasting rig to 23.5m draft at 2334 hrs
0.0	PS	P	PUP		1	Pick up 5" drill pipe and rack back in derrick 5 stands picked up at midnight

Date : 14 Aug 2005						Daily Cost : $ 416845	Report Number : 9
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
0.0	PS	P	PUP		7.5	Continue pick up 5" DP - total of 1000m of DP picked up Made up 30" cementing stand and running tool. ROV completed 70m radius from well centre seabed scan on video	
177.0	PS	P	HBHA		3.5	Picked up 36" BHA. RIH to seafloor. Checked Anderdrift OK. 0º. Water depth confirmed at 155.5m MSL RKB to Mudline at drilling draft of 23.5m = 177m MSL Rig position at 1.3m @ 70deg off location	
177.0	PS	P	TI		1	ROV observed tag. 178m RKB. Air gap 21.5m. Tide +1.0m.	
209.0	CH	P	DA		1.5	Drilled 36" hole to 209m. Pumped 75 bbls of PHG every half stand	

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Date : 14 Aug 2005						Daily Cost : $ 416845	Report Number : 9
209.0	CH	P	CHC		1	Took Anderdrift survey at TD = 1.5 deg Circulated 100 bbl PHG out of hole then spotted 230 bbls of PHG in hole	
209.0	CC	P	TO		1	Pulled out of hole with 36" BHA. No drag noted. Racked back BHA	
209.0	CC	P	CRN		6.5	Moved PGB under rotary table. Rigged up and ran 30" conductor through PGB Latched conductor into PGB and installed guidelines Ran in hole with conductor on landing string until 20" shoe at seabed	
209.0	CC	TP	RM	OTH	0.5	20" shoe approx 2m forward of hole centre. ROV unable to push pipe into hole. Reposition rig so that casing shoe above hole centre	
209.0	CC	P	CRN		0.5	Ran in hole with 30" conductor and landed out conductor at 2.5m above seabed	
209.0	CC	P	CMC		1	Held JSA for cementing and rigged up cement line to string prior to cementing	

Date : 15 Aug 2005						Daily Cost : $ 345291	Report Number : 10
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
208.0	CC	P	CMC		1.5	Cemented 30" conductor in place as per program. Pumped 50 bbls preflush with fluoresene dye added Mixed and pumped 173 bbls of 15.8 ppg cement slurry at 5 bpm Displaced cement with 35.5 bbls seawater. Fluoresene dye observed in returns at seabed	
208.0	CC	P	WOC		6	Wait on cement to harden Note - 0n 0-5 deg bulls eye - 0.75 deg to starboard; on 0-2 deg bulls eye - 0.5 deg to starboard	
208.0	CC	P	CRN		1	Released 30" running tool with 5 turns LH and pulled out of hole with tool No change to PGB bullseyes reading. SLM out of hole. No change to top of PGB measurement = 174.5m MSL	
208.0	CC	P	CRN		2	Torque up service breaks on Cameron 18 3/4" running tools. M/U one running tool to stand of 5" DP and rack back same M/U second running tool to 2m pup joint and lay down on deck	
208.0	CC	P	HBHA		1	Hold JSA and lay down BHA from 36" hole section	
208.0	SH	P	HBHA		4	Held JSA and picked up BHA for 17 1/2" hole section	
208.0	SH	P	HBHA		1	Stabbed into 30" wellhead with 17 1/2" bit and tested MWD - OK	
208.0	SH	P	DFS		1	Tagged top of cement at 206m. Drilled cement and shoe to 209m	
472.0	SH	P	DA		6.5	Drill 17 1/2" hole from 209 - 472m	

Date : 16 Aug 2005						Daily Cost : $ 333757	Report Number : 11
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
996.0	SH	P	DA		19	Drilled 17 1/2" hole from 472 - 996m. Pumped 30 bbls PHG every half stand. Spotted 50 bbls PHG around BHA at connections.	
996.0	SH	TP	RR	RE	0.5	Circulated at 100 SPM with # 1 mud pump while repairing # 2 mud pump. Mud pump # 3 still not available	
1006.0	SH	P	DA		1	Continued to drill 17 1/2" hole from 996 - 1006m Tide corrected MSL depth Pumped 30 bbl PHG every half stand Spotted 50 bbl PHG around BHA at connections	
1006.0	SC	P	CHC		1	Pumped 150 bbls PHG and swept out of hole with seawater. Displaced hole with 925 bbls of 8.6 ppg PHG followed by 250 bbls of 9.5 ppg weighted gel kill mud.	
1006.0	SC	P	TO		2.5	Pulled out of hole from 1006m MSL 30K overpull at 836 and 786m Wiped hole once with no further overpull	

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Date : 17 Aug 2005						Daily Cost : $ 632859	Report Number : 12
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1006.0	SC	P	TO		2	Continued to POOH from section TD No more overpull encountered Jetted top of wellhead on way out of hole	
1006.0	SC	P	HBHA		1	Laid down MWD, stabs, pony DC and bit	
1006.0	SC	P	HT		0.5	Laid down 30" CART stand	
1006.0	SC	P	RRC		1	Made up Dowell DeepSea Express cement head to stand of HWDP and racked back in derrick	
1006.0	SC	P	CRN		0.5	Held JSA Rig up for and run 13 3/8" casing.	
1006.0	SC	P	CRN		7	Picked up shoe track. Tested float and shoe. Run 13 3/8" csg.	
1006.0	SC	P	CRN		1	Made up Deep Sea Express head	
1006.0	SC	P	CRN		1	Ran in with landing string and landed out 18 3/4" Wellhead housing into 30" housing. Confirmed locked in with 60k overpull.	
1006.0	SC	P	CMC		1	Hold JSA with cementer and crew. Rigged up and tested cement line with 3500 psi.	
1006.0	SC	P	CIC		1	Circulated casing capacity at 95 SPM and 400 psi.	
1006.0	SC	P	CMC		2	Mixed and pump cement as per program. Lead @ 12.5 ppg total slurry 348 bbls. Tail @ 15.8 ppg total slurry 175 bbls. Good returns noted at sea bed with ROV while cementing.	
1006.0	SC	P	CMC		1	Displaced cement with rig pump and bumped plug with 3248 stks and 1400 psi. Hold for 10 minutes , good test (500 psi over final circulating pressure) Check float holding. Good returns of cement noted at sea bed with ROV while displacing cement.	
1006.0	SC	P	CMC		0.5	Rigged down cement lines.	
1006.0	SC	P	TO		1	Released wellhead running tool and POOH same.	
1006.0	SC	P	TO		0.5	Service break and lay down Deepsea Express.	
1006.0	BOP	P	BOP		0.5	Hold JSA and rigged up to run BOP'S	
1006.0	BOP	P	BOP		2.5	Made up double of riser and prepare to make up stack.	

Date : 18 Aug 2005						Daily Cost : $ 394223	Report Number : 13
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1006.0	BOP	P	BOP		13.5	Continue to run BOP'S on marine riser. Test choke and kill lines each 4 joints, 250psi / 5000psi	
1006.0	BOP	P	BOP		1.5	Made up slip joint and landing joint.	
1006.0	BOP	P	BOP		3	Made up choke and kill lines and booster lines to slip joint, via goosenecks.	
1006.0	BOP	P	BOP		0.5	Latch tensioner landing ring to slip joint.	
1006.0	BOP	TP	BOP	RE	1	Troubleshoot tensioner landing ring (SDL ring). 1 x hydraulic Locking Dog failed to operate, freed up same.	
1006.0	BOP	P	BOP		2.5	Pressure up on tensioners. Attached storm saddles, to Pod wireline for Pod hoses. Position rig back over location.	
1006.0	BOP	P	BOP		2	Land and latch BOP, took 50 kips overpull on both Pods. Secured Pod hoses in storm saddles. Secured compensator line to slip joint for wireline. NOTE # BULLSEYE READINGS. Prior landing , BOP 3/4 stb fwd, riser 1/4 stb. After landing , BOP 3/4 stb, riser 1/2 stb	

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Date : 19 Aug 2005						Daily Cost : $ 338507	Report Number : 14
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1006.0	BOP	P	BOP		1.5	Release landing joint and stroke out slip joint.	
1006.0	BOP	P	BOP		1	Pick up and install divertor.	
1006.0	BOP	P	BOP		0.5	Rig down riser running equipment.	
1006.0	BOP	P	BOP		1.5	Made up CART tool and ran in hole and seated same.	
1006.0	BOP	P	BOP		1	Perform connection test,250psi/5000psi. Pressure tested on both Pods.	
1006.0	BOP	TP	BOP	BORC	2.5	Unseat CART tool and attempt to pull out same. Hanging up on middle pipe rams, function rams and work through. Pull out and laid down same.	
1006.0	E1	P	RP		2.5	Hold JSA and rigged up wireline. Made up and ran Log #1, Velocity survey	
1006.0	E1	TP	RP	VE	1.5	Pulled out Velocity survey tools and laid down same. Rigged down wireline, due to Unit failure. Unit main engine problem.	
1006.0	IH	P	PLD		1	Hold JSA and laid down 9" DC	
1006.0	IH	P	HBHA		2	Make up 12 1/4" Directional BHA, DHM set at 1.15 degrees.	
1006.0	IH	P	HT		1	Upload MWD	
1006.0	IH	P	HBHA		2	Cont make-up 12 1/4" BHA to 200m	
1006.0	IH	P	PUP		2	Hold JSA and pick up 5" drill pipe, cont run in from 200m to 344m. Total 144m of pipe picked up.	
1006.0	IH	P	TO		1.5	Pull out from 344m to 200m and rack pipe in derrick.	
1006.0	IH	P	HT		1	Picked up and racked back Cameron storm hang off tool.	
1006.0	IH	P	PUP		1.5	Pick up 5" drill pipe from 200m to 344m. (shallow test MWD at 260m) Total 144m pipe picked up.	

Date : 20 Aug 2005						Daily Cost : $ 415840	Report Number : 15
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1006.0	IH	P	SM		1	Simulate well kick and perform choke drill. Record CLFL. Simulate bringing pumps on line and shutting pumps down during kill.	
1006.0	IH	P	PUP		2.5	Continue to pick up 5" drill pipe from 344m to 889m.	
1006.0	IH	P	TI		0.5	Run in hole from 889m to TOC at 982m	
1006.0	IH	P	DFS		2.5	Drill cement and plugs and float equipment. Start to displace to 8.74ppg mud while drilling shoe track.	
1008.0	IH	P	DM		0.5	Drill 12¼" hole f/ 1006m to 1008m. Circulate clean.	
1008.0	IH	P	LOT		0.5	POOH f/ 1008m to csg shoe @1000m. LOT w/ 8.5 ppg. 622psi equivalent to 14.17ppg.	
1008.0	IH	P	CMD		0.5	SCRs @ 1000m #2 pump 30spm 150psi. 40 spm 190psi, 50 spm 210 psi. #3 pump 30spm 140psi, 40spm 170psi, 50 spm 200psi.	
1539.0	IH	P	DM		16	Drill 12¼" hole f/ 1008m to 1539m.	

Date : 21 Aug 2005						Daily Cost : $ 321947	Report Number : 16
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
1689.0	IH	P	DM		5	Cont drill 12 1/4" hole to 1689m	

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Date : 21 Aug 2005						Daily Cost : $ 321947	Report Number : 16
1689.0	IH	TP	CHC	RE	1.5	Circulate hole clean, flow check and slug pipe. (Tripping out to pick up additional drill pipe, insufficient available on rig earlier)	
1689.0	IH	TP	TO	RE	2	Pulled out of hole from 1690m to 716m. (Tripping out to pick up additional drill pipe, insufficient available on rig earlier)	
1689.0	IH	P	PUP		1.5	Pick up drill pipe from 716m to 1004m.	
1689.0	IH	P	TO		0.5	Pulled out of hole from 1004m to 716m.	
1689.0	IH	P	PUP		1.5	Pick up drill pipe from 716m to 1004m.	
1689.0	IH	P	TO		0.5	Pulled out of hole from 1004m to 716m.	
1689.0	IH	P	PUP		2	Pick up drill pipe from 716m to 1090m.	
1689.0	IH	TP	TI	RE	1.5	Run in hole with pipe from derrick from 1090m to 1689m. No fill recorded. (Tripping back in after picking up additional drill pipe).	
1783.0	IH	P	DA		3.5	Drill 12 1/4" hole from 1689m to 1783m.	
1789.0	IH	P	DM		1	Slide from 1783m to 1789m.	
1893.0	IH	P	DA		3.5	Drill 12 1/4" hole from 1789m to 1893m.	

Date : 22 Aug 2005						Daily Cost : $ 413169	Report Number : 17
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
2438.0	IH	P	DA		24	Drill 12 1/4" hole from 1893m to 2438m. Slide from 1928m to 1938m.(1hr) Slide from 1956m to 1959m. (.5hr) Slide from 1985m to 1989m (.5hr) Flow check @ 2166m	

Date : 23 Aug 2005						Daily Cost : $ 318685	Report Number : 18
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
2497.0	IH	P	DA		5	Drill 12 1/4" hole from 2438m to 2497m Slide from 2465m to 2476m (1 hr) Slide from 2482m to 2497m (2 hr) Unable to set tool face, pipe stacking, 100psi DHM Diff on last slide. (Last survey @ 2472m, inc 2.07, az 337.28)	
2497.0	IH	P	TO		5.5	Flow check and pull out of hole from 2497m to 200m	
2497.0	IH	TP	TO	BORC	3.5	Pulled from 200m to 197m and top stabilizer hang up in middle pipe ram. Total recorded overpull 710kips. Attempt to work pipe free. (Ballast and de-ballast rig as required to keep tool joint at table)	
2497.0	IH	TP	TO	BORC	1	Perform well bore integrity test with 10ppg mud. Surface pressure 500 psi , good test.	
2497.0	IH	TP	TO	BORC	0.5	De-ballast rig to 22m draft.	
2497.0	IH	TP	TO	BORC	1	Pumped down choke and kill lines @ 95 SPM= 200psi, to check for restrictive flow under middle pipe rams. Same pressure above and below, indicates no full bore tool across middle pipe ram.	
2497.0	IH	TP	TO	BORC	0.5	Function middle pipe ram at full operating pressure both close and open. Ram failed to take correct operating fluid, all surface indications are ram failed to move in any direction.	
2497.0	IH	TP	TO	BORC	0.5	Picked up 8" drill collar and hammered stuck 5" drill pipe elevators free from tool joint.	
2497.0	IH	TP	TO	BORC	1.5	Held safety meeting laid down single of 5"HWDP. Change bails to 500t for extra length between elevator and pipe handler.	

Date : 24 Aug 2005						Daily Cost : $ 191183	Report Number : 19
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	

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Date : 24 Aug 2005					Daily Cost : $ 191183	Report Number : 19
2497.0	IH	TP	TO	BORC	1	Make up bumper sub and x/o's and 2 joints of 8" drill collars.
2497.0	IH	TP	TO	BORC	2	Attempt to hammer / bump down using bumper sub. Unable to close mandrel. Back out and lubricate mandrel and hammer close and pull open on rotary table.
2497.0	IH	TP	TO	BORC	6	Using drilling jars, jar down on stuck pipe. 8 minute firing time from jar cocking.
2497.0	IH	TP	FSH	BORC	1	Cease jarring operations. ROV to observe BOP hoses for " hose jump " as BOP functioned. Nothing untoward noted.
2497.0	IH	TP	FSH	BORC	3	Continue to jar down .
2497.0	IH	TP	FSH	BORC	0.5	Laid down 2 x DC and bumper sub.
2497.0	IH	TP	FSH	BORC	5	Induct wireline crew. Prepare JSA's. Prepare for hanging of wireline sheave at crown.
2497.0	IH	TP	FSH	BORC	1	Rig up wireline sheave at crown
2497.0	IH	TP	FSH	BORC	1.5	Make up 6 string shot back off charge and run in and correlate to leave 1 jnt 5" HWDP on fish @ 125m
2497.0	IH	TP	FSH	BORC	0.5	Apply 18000ftlbs of left hand torque and fire shot. Positive surface indications of back off. Recover wireline.
2497.0	IH	TP	FSH	BORC	0.5	Rig down lower wireline sheave and secure top sheave away from drilling line.
2497.0	IH	TP	FSH	BORC	1	Back fish out completely using chain tongs. Pulled out HWDP, perform visual inspection on last tool joint. No defects noted.
2497.0	IH	TP	FSH	BORC	1	Ballast rig back to 23.5m draft. Rig down wireline sheave from crown.

Date : 25 Aug 2005					Daily Cost : $ 214893	Report Number : 20
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	FSH	BORC	5	Hold JSA, pick up and make up fishing assy. Skirted screw in sub, bumpersub, 4x91/2"DC, 6X8"DC.
2497.0	IH	TP	FSH	BORC	0.5	Tag and engage fish. Screw into fish with 18000ftlbs and confirm same with 50kips overpull.
2497.0	IH	TP	FSH	BORC	0.5	Commence to jar down on fish, unable to get sufficient jarring action with top drive connected. Back out top drive and continue to jar down on fish. Jarred down twice with Top Drive and three times without top drive connected. Fish jarred free.
2497.0	IH	TP	FSH	BORC	1.5	Run in hole with fish to position single of 5" HWDP across middle pipe rams to enable full travel on ram during functioning.
2497.0	IH	TP	FSH	BORC	2	Tag up on obstruction, jars @ middle pipe ram, suspect one ram block not functioning correctly on middle pipe rams.
2497.0	IH	TP	FSH	BORC	0.5	Space out to put 8" DC across rams, closed upper and lower pipe rams in a effort to push the non functioning ram block back into the ram cavity on the middle pipe rams. Confirm obstruction cleared.
2497.0	IH	TP	FSH	BORC	6	Pull out of hole with fish and break down same. Confirm damage to upper stabilizer. Laid down fishing assy.
2497.0	IH	TP	TI	BORC	4.5	Run in hole open ended pipe to 542m, pick up RTTS packer and set same. Packer setting depth 272m. Back out of packer.
2497.0	IH	TP	PT	BORC	0.5	Perform pressure test on packer 5/10 min, 250/1000psi. Good test.
2497.0	IH	TP	FSH	BORC	1	Displace well to sea water @ 267m, recover mud to pits.
2497.0	IH	TP	TO	BORC	0.5	Pulled out of hole from 267m.

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Date : 25 Aug 2005					Daily Cost : $ 214893	Report Number : 20
2497.0	IH	TP	BOP	BORC	1.5	Rig up to pull marine riser and BOP.

Date : 26 Aug 2005					Daily Cost : $ 187693	Report Number : 21
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	BOP	BORC	1	Install divertor running tool and pull divertor, lay down same.
2497.0	IH	TP	BOP	BORC	1.5	Pick up landing joint and lock up slip joint.
2497.0	IH	TP	BOP	BORC	0.5	Observe un-latch of BOP with ROV.
2497.0	IH	TP	BOP	BORC	3	Rig down storm loops and saddles, remove choke and kill lines. Move rig off location.
2497.0	IH	TP	BOP	BORC	6	Lay down landing joint and slip joint and pull marine riser. Landout BOP on carrier. (ROV install dust cover on wellhead)
2497.0	IH	TP	BOP	BORC	3	Remove guide lines from BOP, move BOP stb on carrier.
2497.0	IH	TP	BOP	BORC	1	Open middle pipe ram bonnet's.
2497.0	IH	TP	BOP	BORC	8	Remove middle pipe ram blocks and inspect cavity. Trouble shoot BOP functions. (Laid down excess BHA from derrick and M/U next 12 1/4" bit run) NOTE, ram block damage indicates possible junk in hole. Ram blocks not serviceable. Middle ram cavity is servicable.

Date : 27 Aug 2005					Daily Cost : $ 220954	Report Number : 22
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	BOP	BORC	24	Open shear rams, VPR and lower pipe rams and inspect same. Check ram cavities. No defects noted.MPI ram buttons on middle pipe rams, o.k. Troubleshoot middle pipe ram closing problem.Install new middle pipe ram blocks and close all ram bonnets. Lift BOP from carrier and rack on main deck, clean and inspect test stump,install new ring gasket. Lift and re-install BOP back on carrier. Continue to trouble shoot BOP. (Test C&K manifold and surface equipment 5/10min, 250/5000psi) (slip and cut D/Line and change liner & wear plate #1 pump)

Date : 28 Aug 2005					Daily Cost : $ 189060	Report Number : 23
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	BOP	BORC	12	Start to function test BOP. Trouble shoot operating system during function testing. P/Test LPR,UPR,MPR, 5/10min, 250/5000psi. Monitor middle pipe ram closing pressure.All testing done in full drilling mode in an attempt to re-create previous problem. No faults in the operating system were noted. New MPR ram blocks,5"DP packers, top seals and side packers installed.
2497.0	IH	TP	BOP	BORC	12	Continued to test BOP rams and fail safe valves.Test Annulars to 3500psi. Lower outer kill failsafe failed to test. Strip and re-build same. Move BOP from carrier and stow on main deck to clean test stump after cuttings plugged up test stump from Annular test. Re-install BOP on carrier, install blind cap for shear ram test.

Date : 29 Aug 2005					Daily Cost : $ 194593	Report Number : 24
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	BOP	BORC	12	Failsafe on kill line failed again re-build same. Installed new gate and seat and re-build kit into failsafe valve. Re-test failsafe and shear rams. Complete full BOP pressure test, 250/5000psi , 5/10mins.
2497.0	IH	TP	BOP	BORC	6	Install new regulator on yellow pod.

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Date : 29 Aug 2005				Daily Cost : $ 194593		Report Number : 24
						Install new open and close SPM valves on yellow pod middle pipe ram. Install new hose on close side middle pipe ram. Perform full function test on both pods. (P/U double of riser)
2497.0	IH	TP	BOP	BORC	1.5	Move BOP on carrier under rotary table and install guide lines.
2497.0	IH	TP	BOP	BORC	1	Connect double of riser to BOP, lift and remove carrier. Run down double and land in spider.
2497.0	IH	TP	BOP	BORC	1	Pressure test double with 250/5000 psi, 5/10mins using cement unit.
2497.0	IH	TP	BOP	BORC	2.5	Run BOP on marine riser.

Date : 30 Aug 2005				Daily Cost : $ 208499		Report Number : 25
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	BOP	BORC	2	Continue to run BOP on marine riser.
2497.0	IH	TP	BOP	BORC	2	P/U slip joint and landing joint. Install choke and kill lines onto slip joint and pressure test same 250/5000psi , 5/10mins.
2497.0	IH	TP	BOP	BORC	1	Latch tensioner ring onto slipjoint. Weight transfer from travelling block to riser tensioners, while moving rig back onto location. (Jump ROV and remove dust cover from wellhead)
2497.0	IH	TP	BOP	BORC	1	Rig up storm saddles for pod hoses.
2497.0	IH	TP	BOP	BORC	1	Land and latch BOP , confirm same with 50kips overpull on connector on both pods.
2497.0	IH	TP	BOP	BORC	1	Un-lock inner barrel on slip joint while establishing storm loops in pod hoses.
2497.0	IH	TP	BOP	BORC	2	Lay out landing joint and pick up and install divertor.
2497.0	IH	TP	BOP	BORC	1	Rig down marine riser running equipment.
2497.0	IH	TP	BOP	BORC	2.5	Pick up and run WSTT tool for connector pressure test.
2497.0	IH	TP	BOP	BORC	1.5	Perform connector pressure test against upper rams, 250/5000psi , 5/10mins. Perform full function test using both pods to check operating time within API spec, with subsea accumulators isolated. Good function and pressure test.
2497.0	IH	TP	BOP	BORC	1	Pull out and lay down WSTT tool.
2497.0	IH	TP	TI	BORC	2.5	Pick-up 11 1/2" stab and bumper sub and Hurricane packer stinger and run in to 273m
2497.0	IH	TP	CMD	BORC	0.5	Displace riser, choke, kill and booster lines with 10 ppg mud.
2497.0	IH	TP	TI	BORC	1	Engage packer and un-seat same. Circ to check for gas and allow element to relax.
2497.0	IH	TP	TO	BORC	2.5	Pull out and lay down bumper sub, stab and Hurricane packer, service break same.
2497.0	IH	TP	TO	BORC	1.5	Cont pull out with 112m HWDP and 144m DP (under packer)

Date : 31 Aug 2005				Daily Cost : $ 394830		Report Number : 26
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2497.0	IH	TP	TO	BORC	0.5	Continue to pull out of hole with open ended DP.
2497.0	IH	P	HBHA		4.5	M/U 12 1/4" BHA, picked up MWD initialise same. Set and orientate motor to MWD. Run in hole BHA to BOP.
2497.0	IH	P	TI		2	Run in hole to 1000m for shallow pulse test MWD at shoe, circ 15 mins.
2497.0	IH	P	TI		4	Continued to run in hole from 1000m to 2497m. No hole problems encountered.
2497.0	IH	P	CMD		1	Circulate and condition mud, maintain 10ppg. Took SCR'S
2509.0	IH	P	DA		1.5	Drill in rotary 12 1/4" hole from 2497m to 2509m
2542.0	IH	P	DM		5	Slide drill 12 1/4" hole from 2509m to 2542m
2554.0	IH	P	DA		1	Drill in rotary 12 1/4" hole from 2542m to2554m

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Date : 31 Aug 2005					Daily Cost : $ 394830	Report Number : 26
2575.0	IH	P	DM	4.5	Slide drill 12 1/4" hole from 2554m to 2575m	

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Activity Report For BASKER - 2

Date : 01 Sep 2005 **Daily Cost : $ 341162** **Report Number : 27**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2619.0	IH	P	DM		8.5	Continued to slide drill 12 1/4" hole from 2575m to 2619m
2619.0	IH	TP	DM	RE	2	Circulate on pump # 1, due to electrical fault on blower motors for pumps #2 & #3. Trouble shoot same.
2632.0	IH	P	DM		4.5	Contine to slide drill 12 1/4" hole from 2619m to 2632m, using pumps #1 & #3.
2632.0	IH	TP	DM	RE	1	Circulate on pump #3, due to swab failure on pump #1 and electrical fault on pump #2 still unresolved.
2665.0	IH	P	DM		7.5	Continue to slide drill 12 1/4" hole from 2632m to 2665m, using pumps #1 & #3.
2665.0	IH	TP	RW	HC	0.5	Stuck on bottom, cock and fire jars once with 70 kips o/pull, pipe free. Work stand from 2665m to 2642m

Date : 02 Sep 2005 **Daily Cost : $ 353876** **Report Number : 28**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2665.0	IH	P	RW		0.5	Continued to wipe and backream stand, from 2665m to 2642m. Hole cleaned up, off bottom rotary torque 5000ft/lbs.
2671.0	IH	P	DA		1	Rotary drill 12 1/4" hole from 2665m to 2671m
2671.0	IH	P	DM		1	Attempt to slide drill 12 1/4" hole @ 2671m, unsuccessful.
2675.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2671m to 2675m
2697.0	IH	P	DM		4.5	Slide drill 12 1/4" hole from 2675m to 2697m
2701.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2697m to 2701m
2741.0	IH	P	DM		11	Slide drill 12 1/4" hole from 2701m to 2741m
2741.0	IH	P	CHC		0.5	Circulate and boost riser
2741.0	IH	P	TO		4.5	Flow check , pump slug and pull out of hole from 2741m to 1207m. Hole in good condition, no hole drag noted.

Date : 03 Sep 2005 **Daily Cost : $ 367554** **Report Number : 29**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2741.0	IH	P	TO		2.5	Flow check 15 min @ shoe, Pull out of hole from 1207m to 202m
2741.0	IH	P	TO		1.5	Flow check @ BOP'S and pull out with 12 1/4" BHA, break out bit and plug into MWD to enable a download while racked in derrick.
2741.0	IH	P	HT		2.5	Make up deepsea express cement head and rack back same. Make up 9 5/8" Hanger and CHSART, install wiper plugs and rack back same.
2741.0	E1	TP	LOG	VE	1.5	Hold pre job safety meeting and rigged up wireline and compensator line.
2741.0	E1	TP	LOG	VE	1	Made up and run log #1 V.S.P. to 2500m, hole good.
2741.0	E1	P	LOG		9	Shot 5 shots per level from 2500m to 1700m. Performed check shots from 1700m to 234m at 3 shots per level. Pulled out of hole with wireline.
2741.0	E1	P	LOG		1	Laid down VSP toolstring and rigged down wireline.
2741.0	IH	P	TI		0.5	Pick up DHM and MWD stand from derrick. Initialise MWD.
2741.0	IH	P	TI		2.5	Made up new bit, change down hole motor housing to 1.5 degrees, orientate same to MWD.(Laid down pony DC and 11 3/4" stab)
2741.0	IH	P	TI		2	Continued to run in hole to 512m and shallow test MWD @ 800GPM - good test.

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Date : 04 Sep 2005						Daily Cost : $ 308965	Report Number : 30
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
2741.0	IH	P	TI		1	Run in hole with 12 1/4" directional BHA from 512m to 1000m	
2741.0	IH	P	TI		0.5	Service TDS and travelling blocks.	
2741.0	IH	P	TI		5.5	Continue to run in hole with 12 1/4" directional BHA from 1000m to 2628m, hole good. 30,000lbs of drag from 2350m to 2628m, wipe clear each stand.	
2741.0	IH	TP	WIN	HC	1.5	Excessive hole drag, unable to wipe clean, wash and ream from 2628m to 2741m	
2745.0	IH	P	DM		0.5	Orientate tool face and slide drill 12 1/4" hole from 2741m to 2745m	
2745.0	IH	P	OA		0.5	Cycle mud pumps to change the MWD mode, to enhance tool face acquisition.	
2750.0	IH	P	DM		0.5	Slide drill 12 1/4" hole from 2745m to 2750m	
2752.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2750m to 2752m	
2770.0	IH	P	DM		2.5	Slide drill 12 1/4" hole from 2752m to 2770m	
2794.0	IH	P	DA		1.5	Rotary drill 12 1/4" hole from 2770m to 2794m	
2806.0	IH	P	DM		3.5	Slide drill 12 1/4" hole from 2794m to 2806m	
2818.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2806m to 2818m	
2835.0	IH	P	DM		3	Slide drill 12 1/4" hole from 2818m to 2835m	
2837.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2835m to 2837m	
2845.0	IH	P	DM		2	Slide drill 12 1/4" hole from2837m to 2845m	

Date : 05 Sep 2005						Daily Cost : $ 346909	Report Number : 31
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
2864.0	IH	P	DM		5	Slide drill 12 1/4" hole from 2845m to 2864m	
2866.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2864m to 2866m	
2892.0	IH	P	DM		4.5	Slide drill 12 1/4" hole from 2866m to 2892m	
2894.0	IH	P	DA		0.5	Rotary drill 12 1/4" hole from 2892m to 2894m	
2905.0	IH	P	DM		1	Slide drill 12 1/4" hole from 2894m to 2905m	
2953.0	IH	P	DA		6.5	Rotary drill 12 1/4" hole from 2905m to 2953m	
2956.0	IH	P	DM		1	Slide drill 12 1/4" hole from 2953m to 2956m L.A.T. - 12 1/4" hole section TD.	
2956.0	IH	P	CHC		2	Circulate shakers clean and flow check.	
2956.0	IC	P	TO		3	Pull out of hole from 2956m to 2349m. Hole condition good.	

Date : 06 Sep 2005						Daily Cost : $ 651141	Report Number : 32
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
2956.0	IC	P	TO		6	Pull out 12 1/4" BHA from 2349m. Flow check at shoe and prior pulling HWDP through BOP. S.L.M.=.22m longer.	
2956.0	IC	P	TO		1.5	Pull out 12 1/4" BHA and rack back same. Drift HWDP for landing string.	
2956.0	IC	P	TO		0.5	Down load MWD and break off bit.	
2956.0	IC	P	TI		1	Made up jetting sub and wear bushing running tool and run in hole to 172m	
2956.0	IC	P	TOT		0.5	Jet wear bushing on trip in, latch into wearbushing and recover same. Wash wellhead and BOP.	
2956.0	IC	P	TO		1	Pull out with wear bushing and lay down same. No excessive wear marks recorded on bushing.	
2956.0	IC	P	RRC		1.5	Hold pre job safety meeting and rig up to pick up shoe track. Install flush mounted slips .	
2956.0	IC	P	CRN		1	Pick up shoe track. Check float and shoe for correct operation. Thread lock all shoe track connections.	
2956.0	IC	P	RRC		1	Rig up 500T bails and elevators. Install and function Tam packer.	

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Date : 06 Sep 2005					Daily Cost : $ 651141	Report Number : 32
2956.0	IC	P	CRN	10	Hold pre job safety meeting and run 9 5/8" casing to 1680m, 131 jnts.	

Date : 07 Sep 2005					Daily Cost : $ 587690	Report Number : 33
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2956.0	IC	P	CRN		5	Ran 9 5/8" casing from 1680m to 2764m
2956.0	IC	P	CRN		1	Rigged down 500T elevators and Tam packer, rigged up 5" elevators. Made up 9 5/8" hanger
2956.0	IC	P	CRN		1.5	Continued RIH with 9 5/8" casing on 5" HWDP landing string Washed down last stand of HWDP.
2956.0	IC	P	CRN		0.5	Landed hanger in 18 3/4" wellhead. Made up cementing hose to DeepSea Express cement head
2956.0	IC	P	CIC		1.5	Circulated 1 x casing volume at 100 SPM
2956.0	IC	P	CMC		3.5	Held PJSM. Cemented casing with 266 bbls of 15.8 ppg HT cement Displaced with cement unit to shear out top dart. Changed over to rig pumps and displaced cement. Bumped plug with 2400 psi and full returns
2956.0	IC	P	CMC		0.5	Switched over to Dowell. Pressure tested casing to 4500 psi for 15 mins - OK Released pressure, floats held Rigged down cement lines
2956.0	IC	P	PT		1	Set seal assy on 9 5/8" hanger. Took 20K overpull to check. Tested seal assy against middle4 pipe rams to 1000 / 5000 psi for 5 / 10 mins - OK
2956.0	IC	P	TO		2.5	Released CHSART, pulled out of hole andf laid down. Picked up DeepSea Express cement head and broke down.
2956.0	IC	P	TI		1.5	Made up and set wear bushing into wellhead
2956.0	IC	P	BOP		1	Function tested BOP rams and annulars against wear bushing running string
2956.0	IC	P	TO		1	Pulled out of hole with wear bushing running tool
2956.0	IC	P	HBHA		3	Lay down excess 12 1/4" BHA from derrick
2956.0	PH	P	HBHA		0.5	Commenced picking up 8 1/2" BHA

Date : 08 Sep 2005					Daily Cost : $ 553491	Report Number : 34
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2956.0	PH	P	HBHA		2	Continued to make up 8 1/2" BHA Tested operation of AGS with 400 gpm for 500 psi Set bend in mud motor to 0.93 deg
2956.0	PH	TP	HBHA	VE	0.5	Attempted to upload MWD Problem with connection between joints of MWD Replaced connection between joints and tested - OK
2956.0	PH	P	HBHA		0.5	Uploaded MWD Oriented mud motor to MWD
2956.0	PH	P	HBHA		2	Continued to make up 8 1/2" BHA Shallow tested MWD at 220m with 600 GPM for 1900 psi - OK
2956.0	PH	P	TI		1	Picked up extra 3 joints of 5" HWDP and 18 jts of 5" DP while running in hole with 8 1/2" BHA.
2956.0	PH	P	TI		4.5	Continued to run in hole with 5" DP from derrick to 2861m
2956.0	PH	P	CMD		0.5	Washed down from 2861 to top of cement plugs at 2918m
2959.0	PH	P	DFS		4	Drilled wiper plugs, float at 2920m, shoe track, casing shoe at 2945m. Cleaned out rathole and drilled 3m of new formation from 2956 - 2959m
2959.0	PH	P	LOT		1	Rigged up for and performed FIT with cement unit against annular. Pressured up to 1561 psi with 10 ppg mud for an EMW of 13.1 ppg
3060.0	PH	P	DA		3	Drilled 8 1/2" hole from 2959 - 3060m Displaced hole with 9.2 ppg PHPA while drilling ahead

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Date : 08 Sep 2005						Daily Cost : $ 553491	Report Number : 34
3079.0	PH	P	DM		3.5	Slide drilled 8 1/2" hole from 3060 - 3079m in attempt to correct drop in angle and turn to left	
3119.0	PH	P	DA		1.5	Resumed rotary drilling as problems maintaining toolface heading with slide drilling. Drilled from 3079 - 3119m	

Date : 09 Sep 2005						Daily Cost : $ 419264	Report Number : 35
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3158.0	PH	P	DA		1	Continued drilling 8 1/2" hole from 3119 - 3158m	
3158.0	PH	TP	CHC	HC	0.5	After connection, experienced abnormally high string torque (Increase in excess of 10,000 ft/lbs) and string drag up to 35K overpull. Worked pipe in attempt to clear high torque and drag - negative	
3158.0	PH	TP	TOT	HC	2.5	Back reamed string out to shoe at 2945m in attempt to clear high torque	
3158.0	PH	TP	CHC	HC	1	Circulated bottoms up at shoe	
3158.0	PH	TP	TI	HC	0.5	Ran in hole to TD No drag encountered on trip in	
3311.0	PH	P	DA		14	Continued drill 8 1/2" hole from 3158 - 3311m MSL High torque intermittently encountered and becoming more consistant	
3311.0	PH	TP	TO	WO	4.5	Noted gradual standpipe pressure decrease while drilling. Checked out surface equipment and found no problem. Maximum pressure loss was 600 psi before drilling was stopped. Flow checked well for 15 mins - OK. Pulled out of hole wet looking for washout. No drag encountered while pulling string through open hole. Hole condition good. Tripped out of hole from 3311 - 1799m	

Date : 10 Sep 2005						Daily Cost : $ 372661	Report Number : 36
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3311.0	PH	TP	TO	WO	6	Continued to pull out of hole looking for washout. Found washout in slip area of 5" DP at top of stand 43 (1454m from bit) Laid out washed out joint and picked up another to replace it. Continued to POOH for BHA change Racked back MWD after plugging in to download data Laid down mud motor and AGS and bit	
3311.0	PH	TP	TI	WO	2.5	Made up new 8 1/2" rotary BHA and new TCI bit. Ran in hole to first stand of DP Shallow tested MWD at 220m with 720 gpm for 2800 psi	
3311.0	PH	TP	TI	WO	5	Continued to run in hole with new bit and BHA to 2920m	
3311.0	PH	P	SC		1.5	Held PJSM Hung off block and slipped and cut 95 ft of drilling line	
3311.0	PH	TP	TI	WO	1	Continued to RIH from 2920 - 3263m	
3311.0	PH	TP	REA	WO	0.5	Reamed from 3263 - TD at 3311m to obtain FEWD log due to FEWD being nearer bit on this BHA	
3350.0	PH	P	DA		7.5	Drilled 8 1/2" hole from 3311 - 3350m MSL High torque encountered again after starting drilling	

Date : 11 Sep 2005						Daily Cost : $ 490255	Report Number : 37
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	PH	P	DA		14	Continued to drill 8 1/2" hole from 3350 - 3414m MSL corrected depth	
3414.0	PH	P	CHC		1.5	Circulated hole clean at well TD. Flushed choke and kill lines	
3414.0	E2	P	TO		6	Flow checked well on bottom Pumped slug and pulled out of hole Flow checked well at casing shoe and at BOP - OK	

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Date : 11 Sep 2005					Daily Cost : $ 490255	Report Number : 37
3414.0	E2	P	HBHA	2	Pulled out of hole with 8 1/2" BHA Laid down stabs and MWD Broke off bit	
3414.0	E2	P	LOG	0.5	Held PJSM Rigged up Schlumberger wire sheaves and compensator line	

Date : 12 Sep 2005					Daily Cost : $ 528804	Report Number : 38
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	E2	P	LOG		0.5	Continued to rig up Schlumberger wireline sheaves in derrick
3414.0	E2	P	LOG		1.5	Picked up tools for logging run # 1
3414.0	E2	P	LOG		10	Ran in hole with logging run # 1 PEX - HRLA - DSI - FMI - HNGS. Logged repeat section from 3360m. Ran in hole to TD. Loggers depth 3414.5m. Started main log pass at 05:12am. Tools in Hi-Res mode from TD up to 9 5/8" casing. Sonic was run from in lower and upper Dipole mode (without X-Dipole mode) and P & S mode in open hole and P & S mode within the 9 5/8" casing to 1490m. Neutron corrections for hole size (HSCO), mud weight (MWCO), pressure - temperature (PTCO) and borehole salinity (BSCO) were applied in real time. HNGS barite and potassium corrections were applied in playback. Pulled out and laid down tools.
3414.0	E2	P	LOG		9.5	Made up tools for wireline log # 2 Ran in hole with logging run # 2 VSI-4-GR seismic Logged from TD at 3414 - 2394.7m Pulled out of hole and laid down tools
3414.0	E2	P	LOG		2.5	Made up tools for wireline log # 3 Ran in hole with logging run # 3 MDT - GR

Date : 13 Sep 2005					Daily Cost : $ 372481	Report Number : 39
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	E2	P	LOG		24	Continued with wireline log # 3 MDT - GR Started taking pressure points at 01:30 Total of 63 pressure points were attempted 33 valid pressure points were obtained Started formation sampling program Collected 7 x 450cc samples from 4 different depths with 1 missed sample

Date : 14 Sep 2005					Daily Cost : $ 375391	Report Number : 40
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	E2	P	LOG		17	Continued with Logging run # 3 MDT - GR formation sampling program POOH with logging tools at completion of sampling program
3414.0	E2	P	LOG		1	Rigged down tools from logging run # 3 MDT - GR Removed sample chambers from MDT
3414.0	E2	P	LOG		3	Made up tools for second MDT run Had to re-dress 1 x 6 bottle multi-sampler rack for second MDT run due to enlargement of formation sampling program by town.
3414.0	E2	P	LOG		1	Installed re-dressed multi-sampler rack into MDT Surface checked MDT tool and set compensator
3414.0	E2	P	LOG		2	Ran in hole with wireline logging run # 4 MDT - GR

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Date : 15 Sep 2005						Daily Cost : $ 570376	Report Number : 41
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	E2	P	LOG		21	Continued with wireline log # 4 MDT - GR formation sampling program Pulled wireline tools out of hole after completing pressure and formation sampling program	
3414.0	E2	P	LOG		1.5	Removed sample bottles from MDT tool and laid down tool string	
3414.0	E2	P	RD		0.5	Rigged down wireline sheaves and compensator line	
3414.0	PC	P	HBHA		1	Commenced making up 8 1/2" cleanout BHA and ran in hole	

Date : 16 Sep 2005						Daily Cost : $ 856065	Report Number : 42
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	PC	P	TI		0.5	Continued to run in hole with 8 1/2" BHA for wiper trip before 7" liner	
3414.0	PC	P	TI		6.5	Ran 8 1/2" BHA on 5" DP to 3414m Filled pipe every 25 stands of DP No resistance or drag on way in hole	
3414.0	PC	P	CMD		2	Circulated and conditioned mud prior to POOH for running 7" liner Total trip gas of 39% recorded at bottoms up	
3414.0	PC	P	TO		7.5	Flow checked well at TD before POOH Pulled out of hole 5 stands wet - hole condition good Pumped slug and pulled out of hole to shoe Flow checked well at shoe - OK Took rotational checks at shoe while flow checking Continued out of hole with cleanout BHA Flow checked well before pulling BHA through BOP	
3414.0	PC	P	HBHA		1	Held JSA Laid down 8 1/2" BHA	
3414.0	PC	P	PT		1.5	Picked up and made up Baker cementing head to double of DP Rigged up and pressure tested cement head to 5000 psi with Dowell - OK Rigged down testing gear and racked stand with cement head back in derrick	
3414.0	PC	P	RRC		0.5	Held JSA for running liner and rigged up floor for running 7" liner	
3414.0	PC	P	CRN		4.5	Picked up 7" shoe and tested with water - OK Picked up 7" float and tested with water - OK Made up shoe to float then tested back pressure capability of shoe track - OK Continued to RIH with 7" liner as per running list Ran 18 joints of 7" liner at report time	

Date : 17 Sep 2005						Daily Cost : $ 457884	Report Number : 43
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	PC	P	CRN		3	Continued to run 7" liner as per running list. Filled liner up every 5 joints.	
3414.0	PC	P	CRN		1	Picked up and made up 7" liner hanger, ZXP packer and running tool to 7" liner string.	
3414.0	PC	P	CIC		0.5	Rigged down 7" liner running gear, Made up 5" DP running gear Picked up first stand of 5" DP running string and circulated 110% liner contents	
3414.0	PC	P	CRN		7	Continued running 7" liner on 5" HWDP and 5" DP Rabbited each stand of 5" DP with a 2 5/8" OD rabbit Filled string every 5 stands	
3414.0	PC	P	CIC		1	Circulated 110% of DP and liner contents at 9 5/8" casing shoe. Max pressure of 700 psi Checked rotational torque values and P/U and S/O weights of string at shoe	
3414.0	PC	P	CRN		2.5	Continued ran in hole with 7" liner on 5" DP Rabbitted each stand of DP with 2 5/8" OD drift Filled string every 5 stands	
3414.0	PC	P	CIC		1.5	Washed down last 2 metres to TD at 3414m Picked up 1 metre and circulated bottoms up	
3414.0	PC	P	CRN		2	Dropped hanger setting ball and rigged up cement lines. Set hanger with 1900 psi, released running tool with 2700 psi	

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Date : 17 Sep 2005					Daily Cost : $ 457884	Report Number : 43
						Sheared out ball seat with 3400 psi
3414.0	PC	P	CMC		2	Dowell pumped 10 bbls drill water then pressure tested lines to 5000 psi. Dowell pumped 70 bbls chemical wash spacer. Dowell pumped 65.8 bbls of 15.8ppg HTB cement slurry. Dowell flushed lines with 3 bbls Drill water. DP wiper dart was released and Dowell pumped 10 bbls of drill water behind. Dowell displaced cement with 204 bbls of 9.3ppg mud. Pumps were slowed down prior to plug shear but shear was not noted. Plug was bumped with 1000 psi over final displacement pressure. Liner was tested to 4500 psi for 5 mins - OK During cementing and displacement, liner was rotated at 15 - 20 RPM
3414.0	PC	P	CIC		1.5	Energized ZXP liner packer with 60,000 lbs down weight for 5 mins Picked string up 16 metres and reverse circulated out excess cement and spacer. Estimated total of 111 bbls of contaminated mud was dumped which included approx 24 bbls of cement, 80 bbls of spacer and 7 bbls watery mud interface
3414.0	PC	P	PT		1	Rigged lines back up to Dowell. Closed pipe rams and Dowell tested 9 5/8" casing, liner lap and 7" liner to 4500 psi for 15 mins - OK.
3414.0	PC	P	TO		1	Rigged down surface lines. Pumped slug and racked back cement stand

Date : 18 Sep 2005					Daily Cost : $ 389992	Report Number : 44
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	PC	P	TO		5	Continued to pull out of hole with 7" liner running string. Broke down and laid out liner hanger running tool
3414.0	PC	P	HBHA		1.5	Laid down cement stand from derrick
3414.0	C	TP	TI	RE	1	Repaired air operated elevators
3414.0	C	P	TI		1	Made up jetting tool and ran in hole with 6 x stands of HWDP and 1 x stands of 5" DP
3414.0	C	P	CHC		1	Washed and jetted wellhead and BOP's
3414.0	C	P	TI		1	Picked up BOP test tool then picked up 6m pup joint and ran in hole with another 6 stands of DP. First single above test tool painted white
3414.0	C	P	PT		6.5	Tested BOP and C & K manifold to 500 / 5000 psi for 5 / 10 mins. Tested annulars to 500 / 4500 psi for 5 / 10 mins Tested BOP on yellow pod. Function tested BOP on Blue pod
3414.0	C	P	TO		1	Pulled out of hole with test tool and jet sub. Laid down test tool and jet sub
3414.0	C	P	CRF		0.5	Rigged down all test lines and cleared rig floor ready for picking up tubulars
3414.0	C	P	PUP		4	Rigged up for and picked up SPS cleanout BHA. Picked up 15 joints of 3 1/2" HWDP and 41 joints of 3 1/2" DP
3414.0	C	P	PUP		0.5	Rigged down 3 1/2" handling gear Rigged up 5" handling gear
3414.0	C	P	TI		1	RIH with 3 1/2" scraper assy on 5" HWDP

Date : 19 Sep 2005					Daily Cost : $ 422954	Report Number : 45
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	C	P	TI		5.5	Continued to RIH with cleanout assy on 5" DP At 1000m, circulated at 853gpm, 3500 psi - 60 rpm, 2K torque At 2000m, circulated at 853gpm, 4200 psi - 60 rpm Picked up and made up SABS tools on btm of std 69 Continued to RIH drifting DP with 2 5/8" drift
3414.0	C	P	CIC		1	Reciprocated the 7" casing scraper at 2968m Worked scraper from 1 stand above to 1 stand below depth Circulated at 2 x 84 spm for 3800 psi with 60 rpm

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Date : 19 Sep 2005					Daily Cost : $ 422954	Report Number : 45
3414.0	C	P	TI	0.5	Ran in hole with SPS cleanout assy on 5" DP Continued drifting 5" DP with 2 5/8" OD drift	
3414.0	C	P	CIC	1	Reciprocated the 7" scraper at 3156m Worked scraper 1 stand above and 1 stand below depth Circulated at 2 x 84 spm for 4200 psi with 60 rpm	
3414.0	C	P	TI	1.5	Continued to run in hole with SPS cleanout BHA on 5" DP Drifted DP with 2 5/8" OD drift. Picked up riser brush and continued RIH	
3414.0	C	P	DC	1.5	Tagged cement at 3352m Dressed off cement in liner down to PBTD of 3382m MD MSL	
3414.0	C	P	CIC	2.5	Pumped 30 bbls HiVis pill and displaced mud out of well with sea water Flushed C & K lines to sea water	
3414.0	C	P	TO	1	Flow checked well for 15 mins - OK Pulled riser brush back to surface and recovered 7 kg of cement, rubber and aluminium from junk basket Ran back in to PBTD	
3414.0	C	P	CIC	2	Circulated well with sea water to clean returns	
3414.0	C	P	CIC	3.5	Displaced well to 8.9 ppg filtered brine Pumped 35 bbls HiVis, 60 bbls detergent, 35 bbls HiVis followed by the filtered brine Brine had NTU = 41 after complete circulation	
3414.0	C	P	CIC	0.5	Spotted 65 bbls HEC inside 7" liner	
3414.0	C	P	TO	3	Pulled out of hole to 2845m (above top of 7" liner at 2854m). Laid down riser brush and recovered another 1kg of sediment from junk basket	
3414.0	C	P	CIC	0.5	Circulated well to 8.9 ppg inhibited filtered brine from top of liner	

Date : 20 Sep 2005					Daily Cost : $ 412398	Report Number : 46
Depth (m)	Phase	Cls	Op	R.C. Hrs	Activity	
3414.0	C	P	CIC	2	Continued circulating inhibited filtered brine to well above 7" liner top	
3414.0	C	P	CIC	0.5	Displaced booster and C & K lines to inhibited brine and functioned BOP's	
3414.0	C	P	CIC	1	Dropped 2 3/8" ball and opened SABS 102 with 3300 psi Washed BOP and wellhead with 636 gpm and 30 rpm	
3414.0	C	P	PLD	13	Added 25 ltrs Barafilm to DP Pulled out of hole wet with 5" DP laying down tubulars to deck. Laid down SABS 101 and 102 tools. Pumped Barafilm slug and continued to POOH laying down all tubulars to deck. Well Patroller had 2 small pieces of rubber in it - cleaned out same.	
3414.0	C	P	PLD	0.5	Rigged down 3 1/2" handling gear, rigged up 5" handling gear	
3414.0	C	P	TI	0.5	Ran in hole with 13 stands of 5" DP from derrick	
3414.0	C	P	PLD	1.5	Pulled out of hole laying down all tubulars to deck	
3414.0	C	P	LOG	1	Held JSA Rigged up Schlumberger sheaves and compensator line to travelling block	
3414.0	C	P	LOG	0.5	Picked up wireline tools for run # 1	
3414.0	C	P	LOG	3.5	Ran in hole with logging run # 1 CBL - VDL - CCL - GR Found PBTD at 3383m MD MSL Logged up from TD	

Date : 21 Sep 2005					Daily Cost : $ 871576	Report Number : 47
Depth (m)	Phase	Cls	Op	R.C. Hrs	Activity	
3414.0	C	P	LOG	0.5	Completed pulling out of hole with wireline run # 1 CBL - VDL - CCL - GR Laid down tools from wireline run # 1	
3414.0	C	P	PER	1	Prepared perforating guns on catwalk Laid down tools from wireline run # 1 Picked up guns for perforating run # 1	

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Date : 21 Sep 2005					Daily Cost : $ 871576	Report Number : 47
3414.0	C	P	PER	4.5	Picked up guns for perforating run # 1 Ran in hole with 4 1/2" HSD guns for perforating run # 1 Perforated well as per program, 2 intervals perforated successfully using SELECT system. Good indications of guns fired Monitored well fluid level - well stable Pulled out of hole with perforating guns. Checked all shots fired - OK Laid down spent guns
3414.0	C	P	PER	5	Picked up guns and ran in hole with Perforating run # 2 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
3414.0	C	P	PER	3.5	Picked up guns and ran in hole with Perforating run # 3 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
3414.0	C	P	PER	4	Picked up guns and ran in hole with Perforating run # 4 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
3414.0	C	P	PER	3.5	Picked up guns and ran in hole with Perforating run # 5 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
3414.0	C	P	LOG	2	Schlumberger ran in hole with Logging run # 2 GR - CCL - 6.00" gauge ring and junk basket. Ran in hole to 3373m MD MSL, 10 m above PBTD Started to pull out of hole with tools

Date : 22 Sep 2005					Daily Cost : $ 374561	Report Number : 48
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	C	P	LOG		1	Continued to POOH with wireline run # 2 GR - CCL - 6.00" gauge ring and junk basket.
3414.0	C	P	LOG		0.5	Laid down wireline tools. Small amounts of scale only found in junk basket. Rigged down Schlumberger sheaves and compensator line
3414.0	C	P	TI		2.5	Made up BOP jetting and wear bushing retrieval assy with bullnose, well patroller, SABS and WBRRT. Sheared out SABS tool with 2 3/8" OD ball with 800 psi at surface and confirmed visually that SABS tool sheared out correctly. Ran in hole to wellhead, SLM drill pipe above WBRRT to confirm distance to wellhead. Latched into wear bushing and confirmed with 10K overpull. Took index line mark at 173.14m above 18 3/4" wellhead datum
3414.0	C	P	BOP		0.5	Functioned BOP rams and annular with yellow pod against 5" DP. Pulled wear bushing with 30K overpull
3414.0	C	P	CIC		1	Washed BOP and wellhead with SABS tool with 750 gpm while rotating at 10 RPM and boosting riser. Displaced riser back to clean brine
3414.0	C	P	TO		1	Pulled out of hole with wear bushing and wellhead jetting assy and well patroller. Laid down WBRRT tool and wear bushing, SABS and well patroller. Nothing found in well patroller
3414.0	C	P	RCM		1.5	Held PJSM for running 5 1/2" riser. Rigged down 5" DP handling gear. Rigged up to run run 5 1/2" production riser
3414.0	C	P	TI		3	Picked up Lead impression tool, LIT, and ran in hole on 5 1/2" production riser, picking up riser from deck. Riser rabbited with 4.545" drift
3414.0	C	P	WH		0.5	Landed out LIT in wellhead. Took index line measurement. Pressured up to 3000 psi to actuate lead slugs in tool and held for 5 mins Bled down pressure and pulled LIT from wellhead
3414.0	C	P	TO		1.5	Laid down 3 x joints of 5 1/2" tubing Racked rest of 5 1/2" tubing in derrick as production riser Broke out LIT and measured impressions for hanger spaceout

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Date : 22 Sep 2005					Daily Cost : $ 374561	Report Number : 48
3414.0	C	P	RD	0.5	Rigged down 5 1/2" tubing handling gear	
3414.0	C	P	RS	0.5	Serviced travelling block TDS and dollies	
3414.0	C	P	RCM	3	Rigged up all umbilical sheaves in derrick for flatpak control lines and umbilical and annular access lines to rig floor.	
3414.0	C	P	RCM	1	Rigged up tubular handling gear for running completion tubing	
3414.0	C	P	RIC	6	Held JSA. Picked up tailpipe assy and started running in hole with completion assys as per program. Installed 2 x Spartek Memory Gauges with shock absorbers on gauge hanger in 2.75" XN Nipple (Note that Omega Gauge intended to be run with Spartek Gauge was found to be unreliable when PC download tests were performed, so the backup Spartek Gauge was run instead).	

Date : 23 Sep 2005						Daily Cost : $ 2089175	Report Number : 49
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	P	RIC		2	Continued to pick up 3 1/2" completion tailpipe assy. Picked up AHC packer assy & made up same. Ran 3 1/2" blast joints as per program. Picked up ICV/LV assembly and then HF - 1 packer assembly.	
3414.0	C	P	PT		6	Attached control lines to HF - 1 packer. Pressure tested control line terminations and ball valve / lubricator as per Supplemental Completions Program procedures	
3414.0	C	P	PT		1.5	Rigged up TIW valve and pump in sub to tubing and attempted to pressure test 3 1/2" tubing against closed Lubricator and Interval Control valves to 5000 psi. Pressure not holding - troubleshoot leak	
3414.0	C	TP	PT	RE	1.5	Leak traced to DOGC valves on surface lines. Greased and worked DOGC valves on test line and standpipe manifold. Tested surface lines to 5000 psi - OK	
3414.0	C	P	PT		1	Pressure tested 3 1/2" tubing against closed Lubricator and Interval Control valves to 5000 psi for 5 mins - OK. Rigged down lines from Dowell	
3414.0	C	P	SLK		1	Rigged up slickline Ran 2.75" drift past lubricator valve to confirm open after being closed for pressure test. Rigged down slickline.	
3414.0	C	P	RIC		2.5	RIH with completion assembly on 3 1/2" 13Cr tubing as per completion running list	
3414.0	C	P	RIC		8.5	Continued to RIH with completion assy on 4 1/2" 13Cr tubing as per completion running list.	

Date : 24 Sep 2005						Daily Cost : $ 381890	Report Number : 50
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	P	RIC		15.5	Continued run in hole with completion assy on 4 1/2" 13Cr tubing. Picked up and made up 2nd Gas Lift Mandrel Continued in hole with 4 1/2" tubing as per completion running list	
3414.0	C	P	RIC		1	Pick up SSSV assembly and make up same. Install SSSV control line and pressure test same OK.	
3414.0	C	P	RIC		1	Installed sheaves and umbilical cables in derrick for running of the tubing hanger running tool (THRT)	
3414.0	C	P	RIC		1	Continued run in hole with completion assy on 4 1/2" 13Cr tubing as per completion running list.	
3414.0	C	P	RIC		2.5	Picked up tubing hanger and tubing hanger handling and test tool (THHTT) and made up hanger to string. Terminated all control lines from under hanger into hanger and pressure tested all control line connections as per procedures in SCP	
3414.0	C	P	RIC		1	Laid down THHTT and picked up THRT, with umbilicals connected, into V-Door	
3414.0	C	P	PA		0.5	THRT Laid back down on deck at request of DOGC in order to have weekly safety fire drill and abandon ship drill. Prepared to remove Well Dynamics umbilical from derrick to make bringing THRT into V-door easier.	
3414.0	C	TP	RR	RE	0.5	Port crane would not start after Fire and Abandon rig drills. Wait on crane to be repaired in order to bring THRT back into V-door.	

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Date : 24 Sep 2005						Daily Cost : $ 381890	Report Number : 50
						Meanwhile removed Well Dynamics umbilical from sheave in derrick.	
3414.0	C	P	RIC		1	Picked up THRT into V-door, with umbilicals attached, and picked up THRT with blocks. Made up THRT into tubing hanger. Tested latch on tubing hanger - OK Started tubing hanger pre-submergence tests as per completion program	

Date : 25 Sep 2005						Daily Cost : $ 489360	Report Number : 51
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	P	PT		1	Continue conducting tubing hanger pre-submergence tests as per completion program.	
3414.0	C	TP	PT	VE	2	Had leak while testing annulus access hose to 5000 psi. Repaired leak on hose connection at annulus access hose reel. Re-tested annulus access line - leak on annulus hose connection above THRT. Repaired same. Brought shuttle table and BJ retractable slips to rig floor and function tested - OK	
3414.0	C	P	PT		1	Continued with tubing hanger pre-submergence pressure tests as per completion program.	
3414.0	C	P	RIC		1	Removed temporary annulus plugs from hanger. Completed final positioning of shuttle table. Set THRT and completion string in BJ retractable slips. Changed out 5 1/2" tubing side door elevators for 5 1/2" air powered elevators.	
3414.0	C	P	RIC		5.5	Ran in hole with completion assy, tubing hanger and THRT on 5 1/2" production riser from derrick, installing control line umbilical and annulus access hose clamps. Picked up single of 5 1/2" tubing from deck, made up XO to Expro wireline and laid back down on deck. Installed padeye sub to TDS for air powered chain block. Completed running 5 1/2" production riser from derrick.	
3414.0	C	P	RIC		4	Made up air operated chain block to padeye sub on TDS. Connected long bails to TDS. Picked up single of 5 1/2" tubing with XO installed from deck. Ran in hole and landed out tubing hanger.	
3414.0	C	P	PT		0.5	Broke circulation with Dowell down kill line and tested surface lines - OK. Tested top of hanger against closed lower annular to 3000 psi for 10 mins - OK	
3414.0	C	P	RIC		0.5	Latched hanger and confirmed with 50K overpull - OK	
3414.0	C	P	SLK		1.5	Rigged up slickline BOP's and lubricator on top of production riser	
3414.0	C	P	PT		1.5	Tested surface lines to 5000 psi - OK Pressured up down tubing against closed lubricator valve to 500 psi to confirm pressure integrity - OK. Increased tubing pressure to 5000 psi in stages to set upper (HF-1) production packer and held for 15 mins - OK	
3414.0	C	P	PT		1	Bled tubing pressure back down to 4500 psi and locked pressure in. Pressured up down annular access line to 4500 psi to confirm HF-1 packer set and pressure test tubing hanger from below. Held pressure down annulus side of packer for 30 mins - good test	
3414.0	C	P	PT		0.5	Bled down both tubing and annulus pressures. Pressured up on annulus side only to confirm CIV opening pressure. CIV took 650 psi to open. Pumped 1.5 bbls through CIV Bled down all pressure.	
3414.0	C	P	SLK		2.5	Opened lubricator valve on completion downhole. Ran in hole with slickline to set X-Selective Test Tool (XSTT) in 2.75" X-nipple below lower (AHC) packer. Had to pump down XSTT with Dowell as it would not pass HF-1 packer or ICV. Set XSTT in X nipple OK	
3414.0	C	TP	PT	VE	1.5	Attempted to pressure up tubing on top of XSTT plug to 500 psi to confirm pressure integrity of tubing string - pressure leaking off. Tested surface lines to 5000 psi - OK Pressured up tubing and down annulus at same time to 500 psi - pressure holding. Suspect slight leak at CIV.	

Date : 26 Sep 2005						Daily Cost : $ 582695	Report Number : 52
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	

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Date : 26 Sep 2005					Daily Cost : $ 582695	Report Number : 52
3414.0	C	P	PT	1	Flushed another 2 bbls through CIV down annulus access line to flush any debris from CIV. Pressured up down tubing to 500 psi to confirm tubing pressure integrity - pressure holding OK. Continued to pressure up tubing in stages to 5000psi and held for 15 mins to set lower (AHC) production packer - OK	
3414.0	C	P	SLK	1	Pulled out of hole with slickline and XSTT plug. Changed slickline tools in lubricator.	
3414.0	C	P	PT	1	Closed downhole lubricator valve and pressure tested tubing to 500 / 5000 psi for 5 / 10 mins - OK. Closed SSSV and bled off tubing above SSSV to 500 psi to inflow test SSSV with 5000 psi below SSSV and held for 15 mins - test good. Equalised pressure across SSSV then opened SSSV. Bled down all pressure from tubing.	
3414.0	C	P	RPP	1	Ran in hole with slickline and set 4" ARH plug and prong in tubing hanger	
3414.0	C	P	PT	0.5	Pressured up production riser to test 4" ARH plug from above to 500 / 5000 psi for 5 / 10 mins - OK Bled down all pressure from production riser. Bled off all downhole control pressures	
3414.0	C	P	SLK	0.5	Rigged down slickline lubricator and BOP from production riser.	
3414.0	C	P	RR2	4	Unlatched THRT from tubing hanger. Laid down single of 5 1/2" riser and 2 x pups. Rigged down long bails, padeye sub and chain block from TDS. Pulled out of hole with 5 1/2" production riser and control line umbilical and annular access hose.	
3414.0	C	P	RR2	4	Disconnected hoses from THRT. Rigged down "banana" sheaves from derrick. Laid down spanner joint and THRT to deck. Picked 2 x pups back up to break connection between them and laid back down to deck. Rigged down production riser handling gear	
3414.0	C	P	RU	0.5	Rigged up drill floor to pull BOP's and riser.	
3414.0	C	P	RR2	1	Picked up diverter running tool and made up to diverter housing. Unlatched, pulled and laid down diverter.	
3414.0	C	P	RR2	2	Picked up landing joint and made up to slip joint. Collapsed slip joint and bolted in closed position.	
3414.0	C	P	RR2	0.5	Unlatched BOP and pulled clear of guide posts. Moved rig 15m to starboard of location	
3414.0	C	P	RR2	2.5	Nippled down C & K storm loops and saddles Removed and stored C & K and booster lines from slip joint. ROV waterblasted exposed top of tubing hanger to remove debris. ROV waterblasted VX gasket area and inspected hanger plugs - OK	
3414.0	C	P	RR2	2	Removed riser tensioners # 2,4,8 and 10 from riser tensioner ring for later use on production riser.	
3414.0	C	P	RR2	1	Stored riser tensioner ring under rig floor	
3414.0	C	P	RR2	1.5	Pulled and laid out riser landing joint. Pulled and laid out slip joint. ROV installed debris cover on top of tubing hanger and wellhead H4 connector.	

Date : 27 Sep 2005					Daily Cost : $ 2783359	Report Number : 53
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	C	P	RR2		5	Continued to pull BOP and riser. Installed BOP on Nomar carrier, removed guidelines, pod lines and beacon Skidded BOP to stbd side of rig
3414.0	C	P	RR2		1.5	Broke out double of flotation riser and laid down to deck. Rigged down riser handling equipment
3414.0	C	P	RU		2.5	Held JSA Rotated moonpool cart 180 degrees Installed H-beam and welded down in place on moonpool cart Moved trolley to Stbd side to accept SST
3414.0	C	P	PT		2.5	Rigged up padeye sub to TDS and rigged up 5 1/2" completion riser running equipment on rig floor. Picked up TRT / Stress joint assy to rig floor. Pressure tested annulus access hose to 5000 psi
3414.0	C	P	WH		3.5	Picked up SST and rotated 180 degrees for correct orientation on cart. Secured SST to cart and skidded SST under rig floor.

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Date : 27 Sep 2005						Daily Cost : $ 2783359	Report Number : 53
						Removed tree lift tool and inspected mandrel hub and gasket profile - OK. Rigged up umbilical and annular access hose saddles. Landed TRT onto SST re-enrty mandrel and locked with 3000 psi. Lock travel verified on override rods - OK.
3414.0	C	P	WH		1	Filled up riser from Dowell unit. Tested TRT connector to 500 / 5000 psi for 15 mins from IWOCS - OK
3414.0	C	P	PT		1	Laid all annulus access line on moonpool deck to reduce strain on connections during pressure test. Pressure tested annulus access hose to 500 / 5000 psi for 5 / 10 mins against AAV - OK Re-spooled annulus access line back on reeler for running SST.
3414.0	C	P	WH		1.5	Secured annulus access line to TRT / stress joint assy. Rigged up tuggers to funnels #2 and #4 to stop SST from swinging when suspended.
3414.0	C	P	WH		0.5	Carried out pre-submergence checks on SST / TRT assy as per completion manual
3414.0	C	P	WH		1.5	Repositioned hoses and umbilicals with ROV input for optimum recovery. Picked up SST off cart and installed guidelines. Lowered tree into moonpool and installed ROV stab plate hook on stress joint.
3414.0	C	P	RR1		3.5	Ran SST / TRT on 5 1/2" production riser. Installed cross coupling clamps for umbilicals and annular access hose in moonpool.

Date : 28 Sep 2005						Daily Cost : $ 396494	Report Number : 54
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	P	RR1		0.5	Continued to run 5 1/2" production riser installing cross coupling clamps for umbilical and annular access hose.
3414.0	C	P	RR1		0.5	Picked up and installed long bails and wireline chain block on TDS. Installed bullseye on riser in moonpool.
3414.0	C	TP	RR1	VE	3	Picked up flowhead and stiffener joint to rig floor. As slacking off crane to release flowhead but still keeping crane on stiff joint, stiff joint bent between stiffeners and flowhead. Laid flowhead and stiffener joint back down on deck. Replaced stiffener joint under flowhead
3414.0	C	P	RR1		1.5	Picked up flowhead and stiffener joint to rig floor. Made up flowhead to string. Rigged down stabilizing air tuggers from flowhead.
3414.0	C	P	RU		2	Made up production flowline and kill line to flowhead and secured.
3414.0	C	P	PT		1	Flushed and filled riser up to flowhead from PSV. Tested riser and production / kill coflexips against PSV to 500 / 5000 psi for 5 / 10 mins - OK
3414.0	C	P	RM		1.5	Positioned rig back over well. Installed MRT lines to tension joint. Tightened up guidelines.
3414.0	C	P	WH		0.5	ROV removed debris cap from wellhead. Flushed through control line outlets on underside of SST with clean operating fluid from IWOCS.
3414.0	C	P	WH		0.5	Landed and latched SST on wellhead with 40K down. Locked SST connector with 1500 psi - good visual indication of connector travel with ROV. Took 20K O/P with compensator - OK
3414.0	C	P	WH		1	Pressure tested connector VX ring gasket void to 5000 psi for 15 mins - OK
3414.0	C	P	WH		1.5	Lined up to, and tested, production seal mandrel MEC against 4" ARH plug and prong in tubing hanger to 500 / 5000 psi for 5 / 10 mins - OK. No communication to DH-3 port.
3414.0	C	P	RU		1.5	Rigged up Expro slickline and lubricator. Meanwhile tested SCSSV control line to 7500 psi. Observed opening pressure of 1500 psi - OK. No communication between ports.
3414.0	C	P	PT		1.5	Lined up and tested slickline lubricator to 5000 psi for 10 mins - OK Continued to test control ports between SST and tubing hanger. Tested DH-2 port to 7500 psi. Leaked when above 6700 psi to port DH-1. Tested DH-1 port to 7500 psi. Leaked when above 6700 psi to port DH-2 Pressured up both ports simultaneously to 7500 psi - good test.
3414.0	C	TP	RU	VE	2.5	Functioned SST valves with IWOCS to establish timing with visual from ROV. Continued to troubleshoot communication between ports DH-1 and DH-2 Disconnected jumper hoses from side of reel and independently tested each line to prove panel

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Date : 28 Sep 2005					Daily Cost : $ 396494	Report Number : 54
						isolations - OK. Pressured up DH-1 to 5000 psi for 10 mins - OK. No communication to DH-2. Pressured up DH-2 to 5000 psi for 10 mins - OK. No communication to DH-1. Cycled the DH-1 function (LV Open) to measure volumes used - 150mls swept volume in both directions. Cycled DH-2 function (ICV Open) to measure volumes used - 450mls swept volume in open direction and 600mls in closed direction.
3414.0	C	P	BKC		1	Lined up and displaced production riser to 8.9ppg inhibited brine
3414.0	C	P	SLK		1	Ran in hole with slickline and pulled 4" ARH prong and plug from tubing hanger.
3414.0	C	P	SLK		0.5	Changed out slickline tool string and pressure tested slickline lubricator to 5000 psi for 10 mins - OK
3414.0	C	P	WH		0.5	Function tested ESD system and confirmed closing time of FWV of 8 seconds Pressure tested LV-Open function to 5000 psi for 20 mins - OK Pressure tested ICV-Open function to 5000 psi for 20 mins - OK Both tests did not cummunicate to other function
3414.0	C	P	SLK		1.5	Slickline ran in hole with slickline double actuating tool. Slickline opened SSD in order to circulate tubing to diesel
3414.0	C	P	SM		0.5	Held JSA meeting with crews on displacing tubing to diesel

Date : 29 Sep 2005					Daily Cost : $ 415760	Report Number : 55
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
3414.0	C	P	STI		2	Displaced production tubing to diesel from Dowell unit. Diesel was weighed at 7.00ppg Pumped 150 bbls of diesel with final backpressure of 869 psi Closed KWV.
3414.0	C	P	SLK		1.5	Slickline closed SSD and pulled out of hole to slickline lubricator. Bled pressure off slickline lubricator and checked tool. Pins not sheared.
3414.0	C	P	PT		0.5	Opened KWV on flowhead and Dowell pressure tested completion string to 3000 psi with diesel to verify SSD was closed. Monitored returns at annulus access line. No returns up annulus access line and good pressure test.
3414.0	C	P	SM		0.5	Held pre-flow safety meeting with all personnel. OIM, Production Supv and Drilling Supv signed off pre-flow check list
3414.0	C	P	FLO		0.5	Final checks and positioning of people prior to opening up well
3414.0	C	P	FLO		0.5	Opened LV and held pressure for 5 mins. Opened well and flowed well from lower zone. Closed well back in.
3414.0	C	P	FLO		6.5	Closed LV and opened ICV Flowed well as per completion program from upper zone Took samples and measurements as per completion program
3414.0	C	P	FLO		5	Closed ICV with 80ml fluid returned, cycled ICV again with 250ml returned from both open and close functions. This indicated ICV was partially closed during flow period. Opened LV. Flowed well from lower zone as per completion program. Took samples and measurements as per completion program
3414.0	C	TP	FLO	VE	2	Closed LV and opened ICV with correct fluid volume returned, 250 ml. Flowed well from Upper zone. Flowed upper zone again due to problems with ICV during first upper zone flow period.
3414.0	C	P	FLIN		2	Well shut in at production choke. Started well suspension program. Closed FMV and flushed across flowhead to test package with diesel from Dowell. Opened FMV with production choke closed and bullheaded 105 bbls of diesel down tubing at 1.5 bbls/min noting initial and final SITHP
3414.0	C	P	PT		1	Closed TR-SSSV and bleed down above SSSV to 170 psi to inflow test SSSV for one hour - OK
3414.0	C	P	PT		1.5	Pressured up above SSSV to 200 psi below SITHP. Closed PMV, bled off pressure above PMV to 200 psi and inflow tested PMV for 15 mins - OK. Equalised pressure across PMV and opened PMV. Bled all pressure off above SSSV to zero psi. Closed PMV.

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Date : 29 Sep 2005						Daily Cost : $ 415760	Report Number : 55
3414.0	C	P	WH		0.5	Flushed SST and all surface lines and equipment of diesel with seawater. Spotted 10 bbls of inhibited seawater in SST.	

Date : 30 Sep 2005						Daily Cost : $ 796888	Report Number : 56
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	P	PT		2.5	Suspended SST as per completion program Inflow tested annulus through annulus access line - OK Pressure tested AAV and AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested XOV to 500 / 5000 psi for 5 /10 mins - OK Pressure tested PWV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested PSV to 500 / 5000 psi for 5/ 10 mins - OK All tests done with seawater down tubing with Dowell Tested completed on SST. Vented all functions and recorded final status record sheet ROV disconnected 2" UH-550 unitech connector and placed annulus access line on stress joint hook
3414.0	C	P	RD		2.5	Rigged down slickline lubricator and BOP's Disconnected flowline and kill line coflexips from flowhead Rigged down all control lines from flowhead ROV fitted 2" Unitech plug on annulus access line on SST Pressure tested down AMON line via IWOCS umbilical, between Annulus Unitech Plug and AAV, to 500 / 5000 psi for 5 / 15 mins - OK. ROV removed umbilical "flying lead" from SST junction plate
3414.0	C	P	RD		1	Unlatched production riser from SST Rigged down MRT's and bullseye from tension joint
3414.0	C	TP	RD	VE	1.5	Laid out flowhead and stiff joint. While laying out flowhead and stiff joint, bent 5 1/2" tubing between top of stiff joint and flowhead. Cut stiff joint off flowhead and laid down in two pieces. ROV installed bridging plate into IWOCS receptacle. Required 190 ft/lbs
3414.0	C	P	RD		1	Rigged down all production gear and coflexip hose
3414.0	C	P	RD		5.5	Pulled production riser and laid out on deck. Laid out TRT to deck. ROV attempted to close TR-SSV isolation valve on SST. Could not close with high setting of 188 ft/lbs. ROV closed DH-3 valve, 4 1/2 turns on 97 ft/lbs torque ROV closed DH-2 valve ,4 1/2 turns on 97 ft/lbs torque ROV closed DH-1 valve, 4 1/2 turns on 97 ft/lbs torque ROV again attempted SCSSV closure - valve not moving
3414.0	C	P	RD		2.5	Made up TCRT and tree cap. Ran in hole with tree cap on 5" DP and landed on SST. Latched tree cap and un-jayed TCRT and picked TCRT up 5m.
3414.0	C	TP	WH	VE	1	ROV unable to work at worksite. ROV hot stab connected to Schilling T4 arm. Recovered ROV to surface and extended length of free hose
3414.0	C	TP	WH	VE	2	ROV back at SST. Removed blind hot stab from UL function and inserted hot stab into Lock function. Tree cap rotating. Pressured up on ROV fluid skid to lock tree cap connector. ROV hot stab hose leaking and could not build up pressure on connector lock circuit. Recovered ROV to surface to repair hose and replace fluid. Schilling T4 arm now not working properly. Meanwhile, rig laid down excess 5" DP from derrick
3414.0	C	TP	WH	VE	1.5	Engaged TCRT on tree cap and retreived to surface due to leaking gasket
3414.0	C	TP	WH	VE	1	Tree cap at surface. Replaced resilient ring gasket. Offloaded Cameron 4 core reel from boat to use as hot line instead of ROV fluid skid
3414.0	C	TP	WH	VE	2	Ran tree cap back to SST with hot line back to Cameron 4 core reel. ROV attempted to latch tree cap

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Activity Report For BASKER - 2

Date : 01 Oct 2005						Daily Cost : $ 447503	Report Number : 57
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	C	TP	WH	VE	1.5	Latched tree cap and pressure tested as per Anzon completion program	
3414.0	C	P	WH		1	Released from tree cap with running tools and hotline. Recovered guidelines with ROV observation	
3414.0	C	P	PLD		1.5	Pulled out of hole with TCRT. Laid down all 5" DP as pulled out of hole	
3414.0	C	P	WH		1	Rigged down TCRT guide arms and laid down tree cap RT	
3414.0	C	P	WH		2	Rig started to deballast to survival draft at 0445 hrs. Rig at survival draft of 20m draft at 0645hrs. ROV attempted to close SSSV isolation valve with highest recommended torque of 248 ft/lbs torque - Valve not moving. Cancelled attempt to close valve. Meanwhile ROV does final checks and inspection on SST on video. ROV does 100m sonar seabed survey around SST ROV does 50 - 75m visual seabed survey around SST	
3414.0	AR	P	WKB		5.5	Rig at survival draft of 20m for backloading of cargo to Pacific Sentinel, recovery of flare booms and final deckload securing. Meanwhile Pacific Wrangler Received #8 PCC, chased out to anchor and replaced #8 anchor swivel and pear link.	
3414.0	AR	P	OA		6.5	Rig re-commenced to de-ballast rig from 20m draft at 1221 hrs Rig at transit draft of 10.75m at 1910hrs Anchor #8 retreived to rig Anchor #3 being heaved in by rig	
3414.0	AR	P	AH		5	Retreiving anchors to rig for rig move Anchor PCC to boat Anchor off btm Anchor bolstered PCC at rig #8 08:10 09:25 16:55 17:12 #3 17:28 17:59 19:24 19:35 #2 19:41 20:13 22:00 22:10 #6 20:50 21:45 #4 22:27 22:51 Due to good weather, rig being kept at least 100m from seabed asset and at no time was any anchor chain over top of SST, it was decided to retreive 6 anchors before hooking the Far Grip onto the tow bridle, thereby saving 3 - 4 hours rig time.	

Date : 02 Oct 2005						Daily Cost : $ 685252	Report Number : 58
Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity	
3414.0	AR	P	AH		8	#6, Bolstered at 00:15hrs, PCC to rig 00:35hrs #4, Bolstered at 00:58hrs, PCC to rig 01:10hrs #7, PCC to boat at 00:40hrs, Anchor off btm 01:50hrs, Bolstered at 03:15hrs, PCC at rig 03:27hrs Tow bridle connected to Far Grip at 03:55hrs #1 PCC passed to boat at 01:17hrs, Anchor off btm at 04:20hrs, Bolstered at 0607hrs, PCC back to rig at 06:20hrs Rig hauled back over #5 anchor as hauling in #1 anchor. Rig picked up and bolstered #5 anchor. OFFICIAL END OF WELL - 08:00 HRS, 02 OCT 2005	

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Attachment 9 : MDT & Well-Test Results

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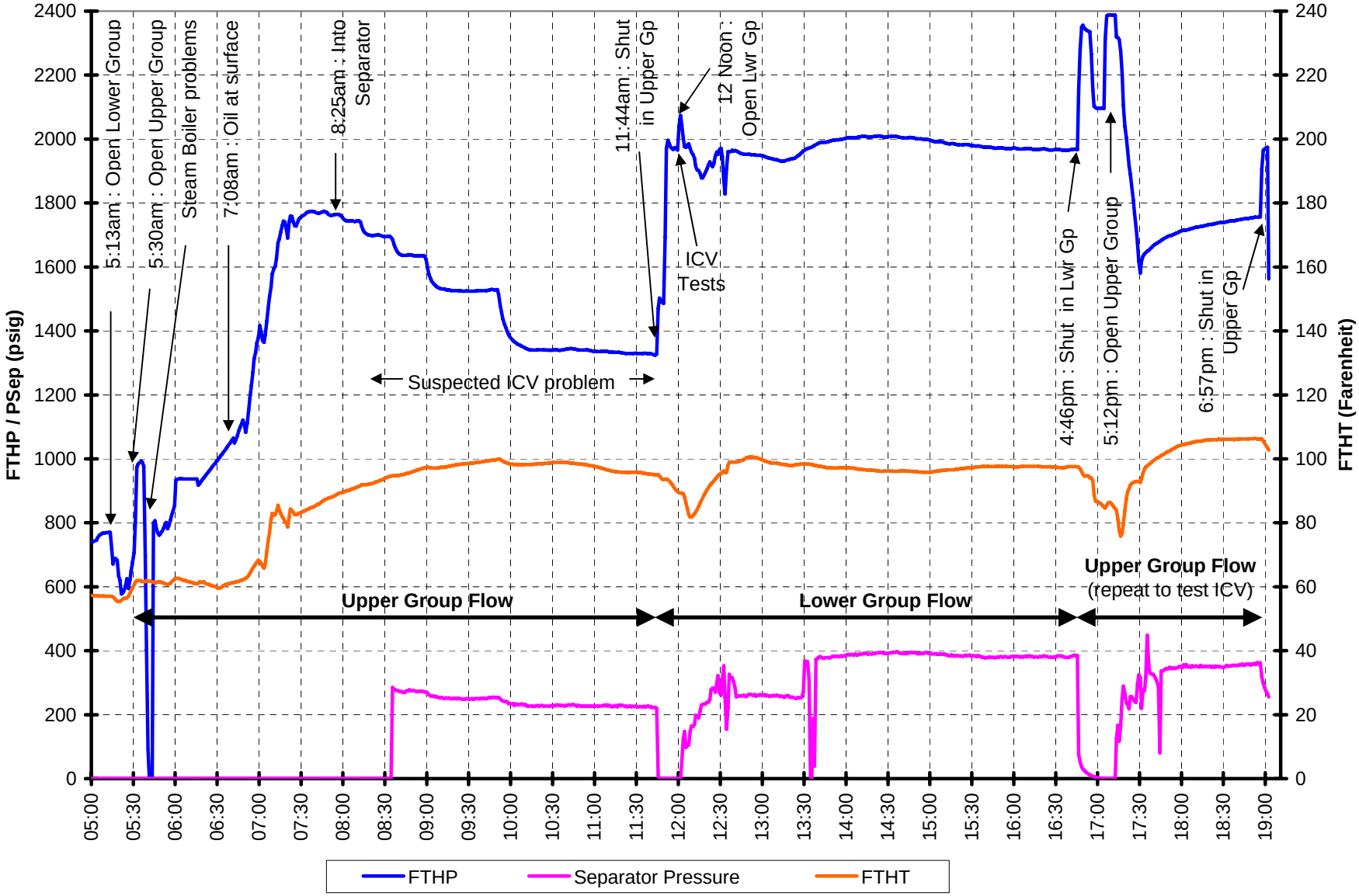
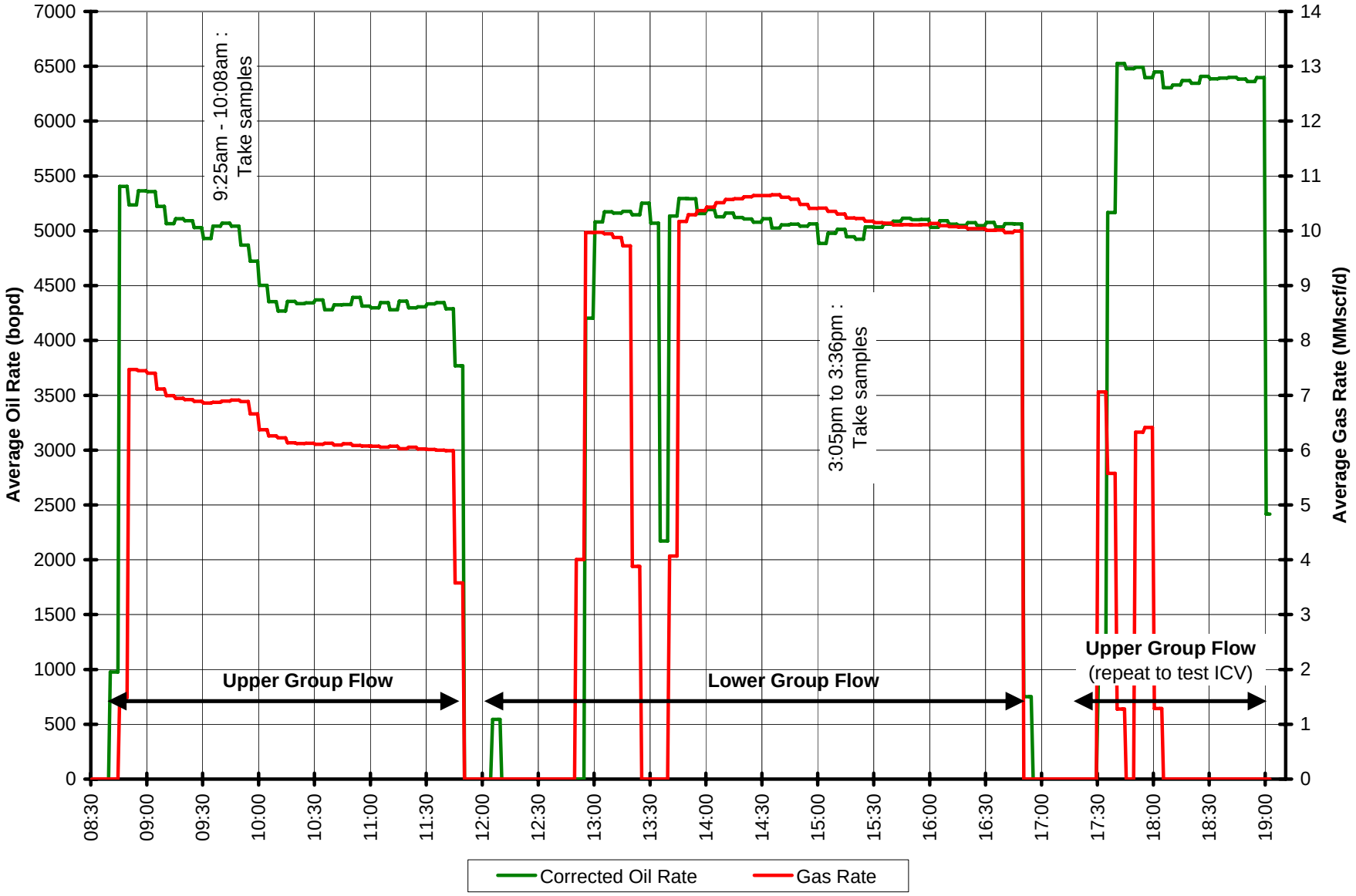
BASKER-2	SCHLUMBERGER WIRELINE PRESSURE MEASUREMENTS AND SAMPLING STATIONS	PETROLAB - PRELIMINARY RESULTS FROM WELLSITE

Test No	Depth MD	Depth TVDSS	Formation pressure	Drawdown Mobility	Samples Recovered			Fuid Type	Density from Gradients (HC)	Density from CFA (HC)	Ex - MPSR # :	Chamber Size	Petrolab Cyl # :	Sample Volume :	Sample recovered	Colour	Temp	H2S of flashed gas	CO2 of flashed gas	Bubble Point	Vol Flash Gas	Wt Flash Oil	Vol Fash Liq	API	Oil Density @ T	GWR @ T	GOR @ T	Pour Point (no ppd) :	HP Pour Pt
	m	m	PSIA	md/cp	450 cc	2-3/4 gal	6 -gal		psi/m	psi/m							°C	ppmv	%	psig	cc	gm	cc		gm/cc	cf/bbl	cf/bbl		
52	3009.30	-2963.15		96.96	1			WATER			286	450			water				11		790		205			22			
53	3023.40	-2975.40		190.41	2			OIL	0.92	0.95	498	450cc	8151-28	380	oil	dk yellow			2700 at 14C	2700 at 14C									
	3023.40										479	450cc	9214-166	305	oil	dk yellow	38	0.3	2	2800 at 14C	10820	36.52		50.1	0.779		1329.0	29C	21C @ 4600psi
	3044.50	-2993.82	4315.87	9.60	1			GAS	0.23	0.23																			
	3066.50	-3013.09	4344.96	538.80	2			WATER			192	450cc			water				20		936	200				26			
	2nd sample										310	450cc			water														
	3105.70	-3047.49	4398.86	926.60	2			OIL	0.85	1.02	494	450cc	24093202	335	oil	brown	35			3300 @ 13C	7600	28.41		43	0.8110 @ 35°C		1218.1	31	
	3105.70	2nd sample									501	450cc	84103217	355	oil	brown		<0.2	4	3300 @ 14C									28°C @ 4600 psig
19	3133.40	-3071.92	4441.87	1146.90	2			OIL	1.03	1.02	316	450cc	84062602	315	oil	brown	38.5			3200 @ 14C	9150	40.3		43.5	0.8085 @ 38.5°C		1030.7	32°C	
	3133.40	2nd sample									478	450cc	8103206	405	oil	brown				3100 @ 13C									27°C @ 4600 psig
51	3133.40	-3071.92		NA		1		OIL	1.03	1.02																			
	3164.10	-3099.10		39.62	PUMPOUT			WATER			PUMPOUT																		
50/1	3164.10	-3099.10	4481.20	NA	BUILDUP						BUILDUP																		
	3175.00	-3108.70		193.91	1			WATER																					
24	3201.00	-3131.82	4535.50	245.10	1			WATER			477	450			water				14		875		205			24			
50	3201.00	-3131.80	4534.57	682.04	PUMPOUT			WATER			PUMPOUT																		
49	3223.20	-3151.66	4562.17	41.17	PUMPOUT			WATER			PUMPOUT																		
28	3241.50	-3168.05	4621.29	117.10	1			OIL	0.90	?	485	450cc	85014411	360	oil	brown	40			2900 @ 13C	8840	32.44		42.9	0.8112 @ 40°C	1241		32C	
48	3243.00	-3169.40	4622.10	1372.28			1	OIL	0.90	0.95	51	6gallon	84032809/8 212803/L-294	600/600/600	oil	brown	38	<0.2	4	4200 @ 42C	11295		49.5	43.4	0.8092	1281		32C	28C @ 4600 psi/30C @
29	3262.70	-3187.09	4634.19	51.60	PUMPOUT			OIL + GAS	0.90	0.41	PUMPOUT																		
	3263.50					1					23	2.75gal	84063609, 812639, 812402, 84063219	gas con+ 700cc water	rich gas + water														
45	3288.00	-3209.80	4656.36	295.03	1			OIL	0.90	1.04	66	450cc	20438-20	300	oil	brown	38	<0.2	2	3151 @ 14C	9130	38		41.4	0.8186		1104.0	32C	
44	3289.30	-3211.00	4655.16	649.46	1			OIL	0.90	1.00	187	450cc	84062304	290	oil	brown	36	<0.2	2	3200 @ 14C	10135	41.4		42.9	0.8115		1115.0	32C	
33	3298.30	-3219.09	4688.14	73.30	TIGHT			NO RECOV			PUMPOUT																		
46	3298.30	-3219.10	TIGHT	4.41	TIGHT			NO RECOV			PUMPOUT																		
36	3357.30	-3272.12	4756.37	238.80	2			OIL	?	0.54	123	450cc	84062103	280	oil		21			4200 @ 14C	2285	8.2		50.4	0.7781 @ 21°C		1217.4	14°C	
43	3362.00	-3276.35	TIGHT	12.81	TIGHT			NO RECOV			PUMPOUT																		
37	3363.80	-3277.96	TIGHT	6.80																									
TOTAL NUMBER OF SAMPLES					**17**	**2**	**1**																						

Basker 2 Well Cleanup 29 Sep 05 - Pressures & Temperatures

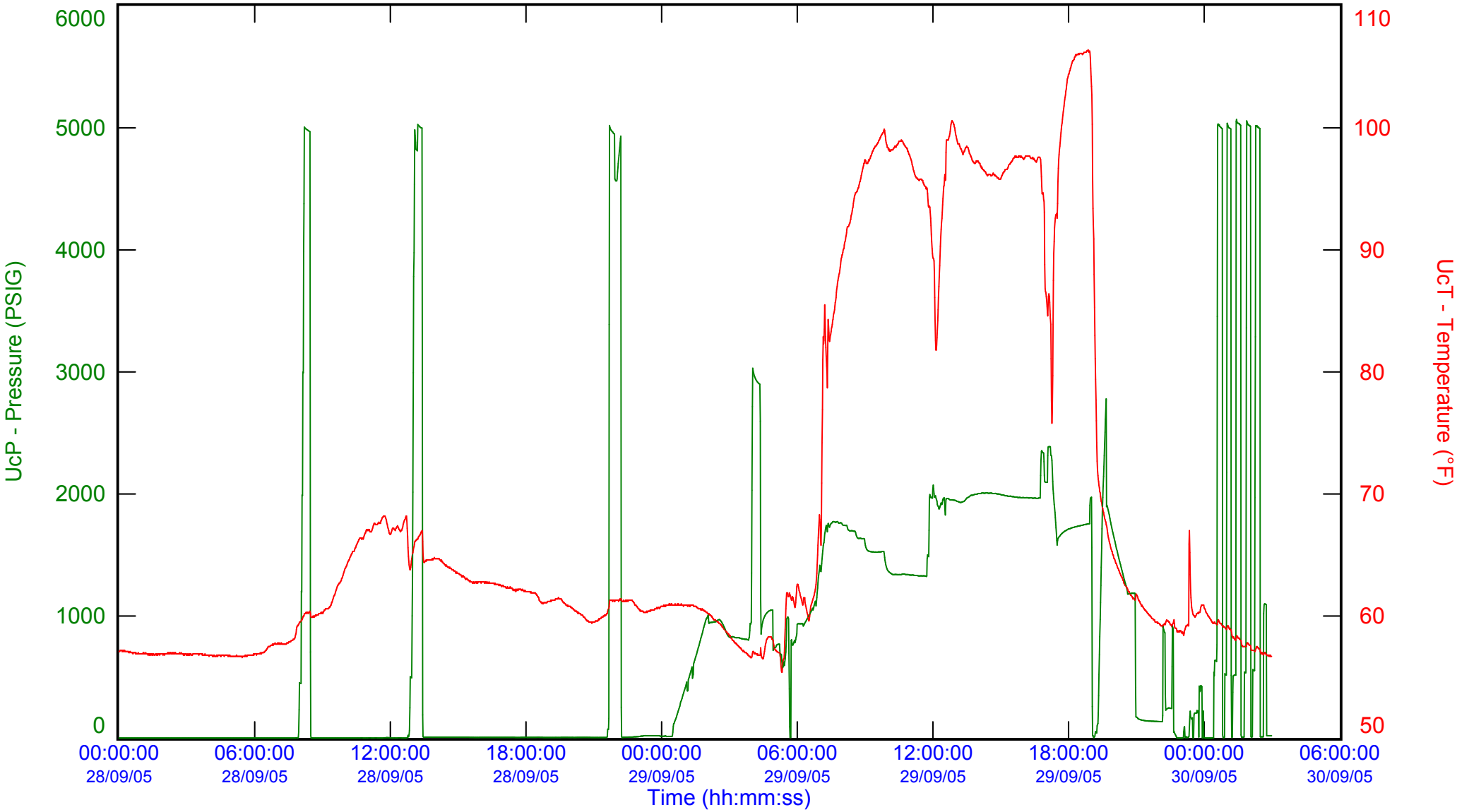


Basker 2 Well Cleanup 29 Sep 05 - Separator Flowrates



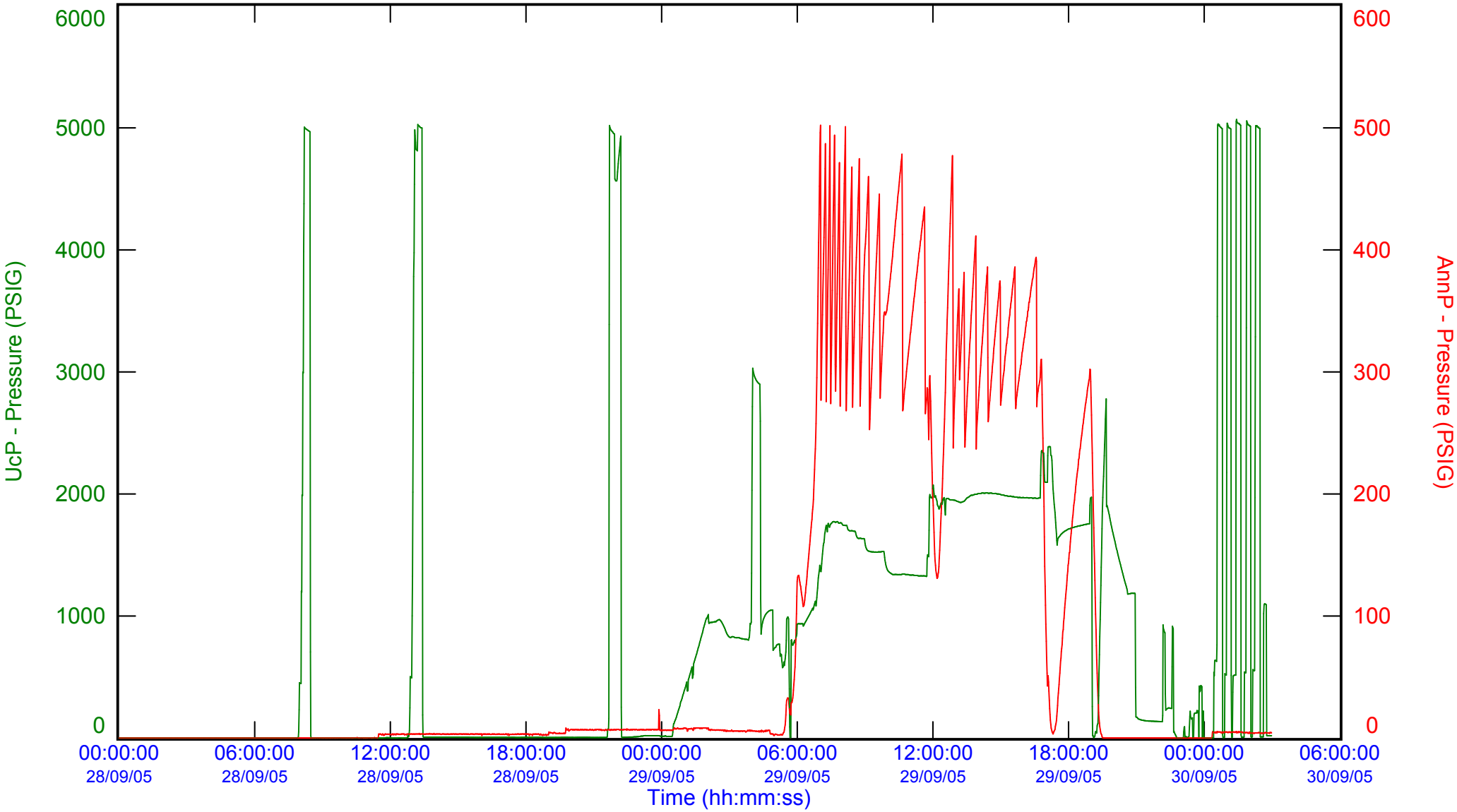
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Well Head Plot
Test No.	Completion		Upper and Lower Groups
Location	Ocean Patriot 186		

THE EXPRO GROUP



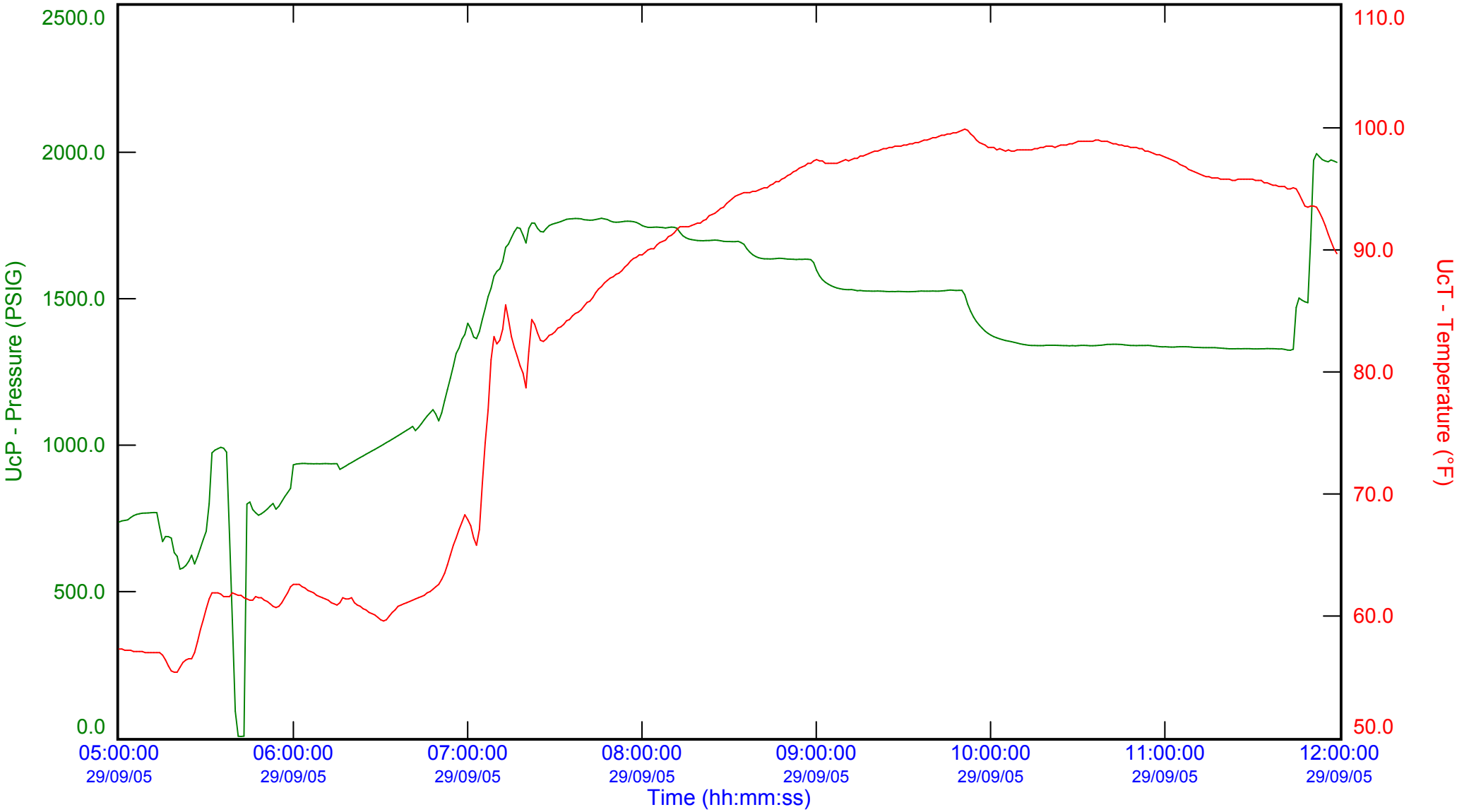
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Wellhead Plot
Test No.	Completion		Upper and Lower Groups
Location	Ocean Patriot 186		

THE EXPRO GROUP



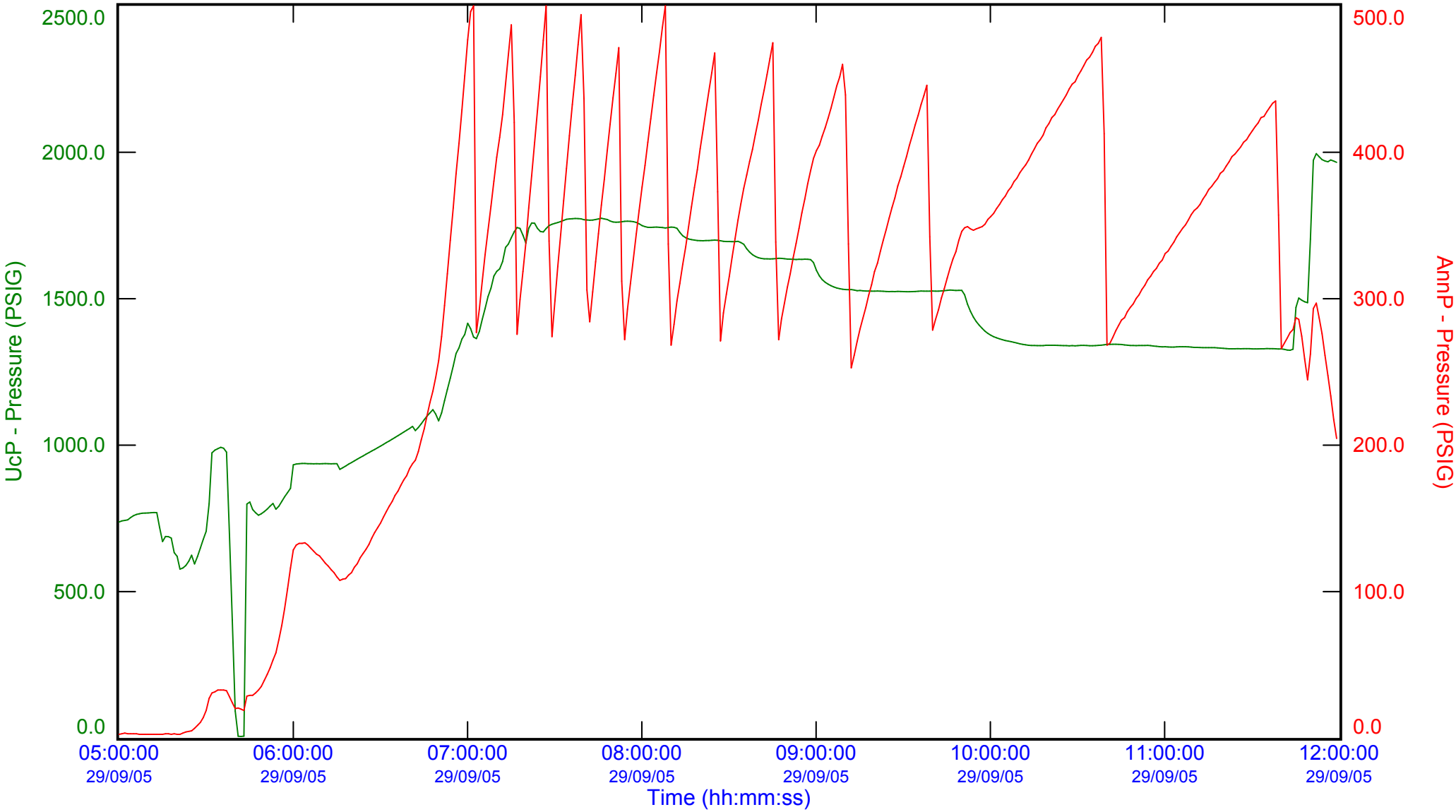
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		

THE EXPRO GROUP



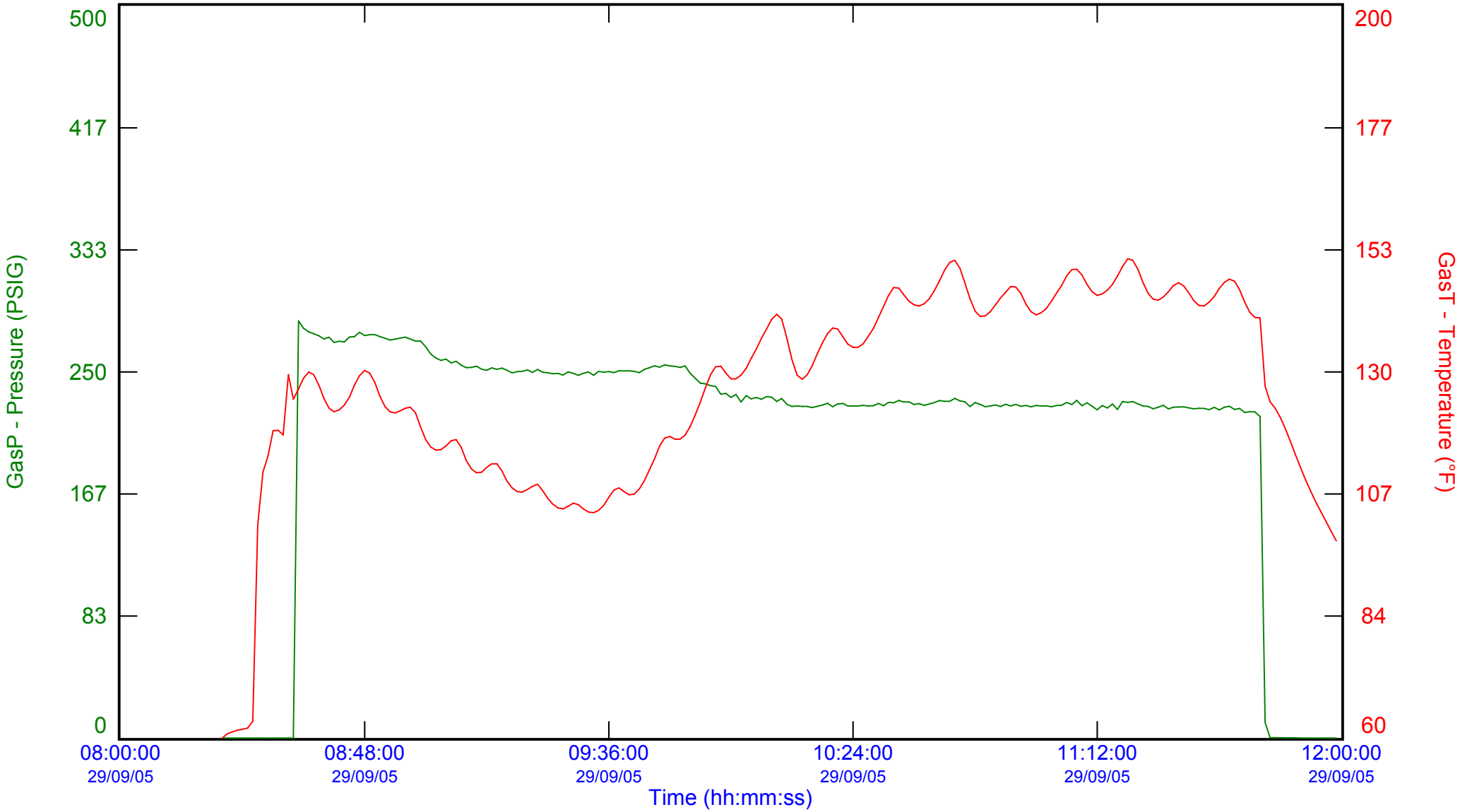
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Edge Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		

THE EXPRO GROUP



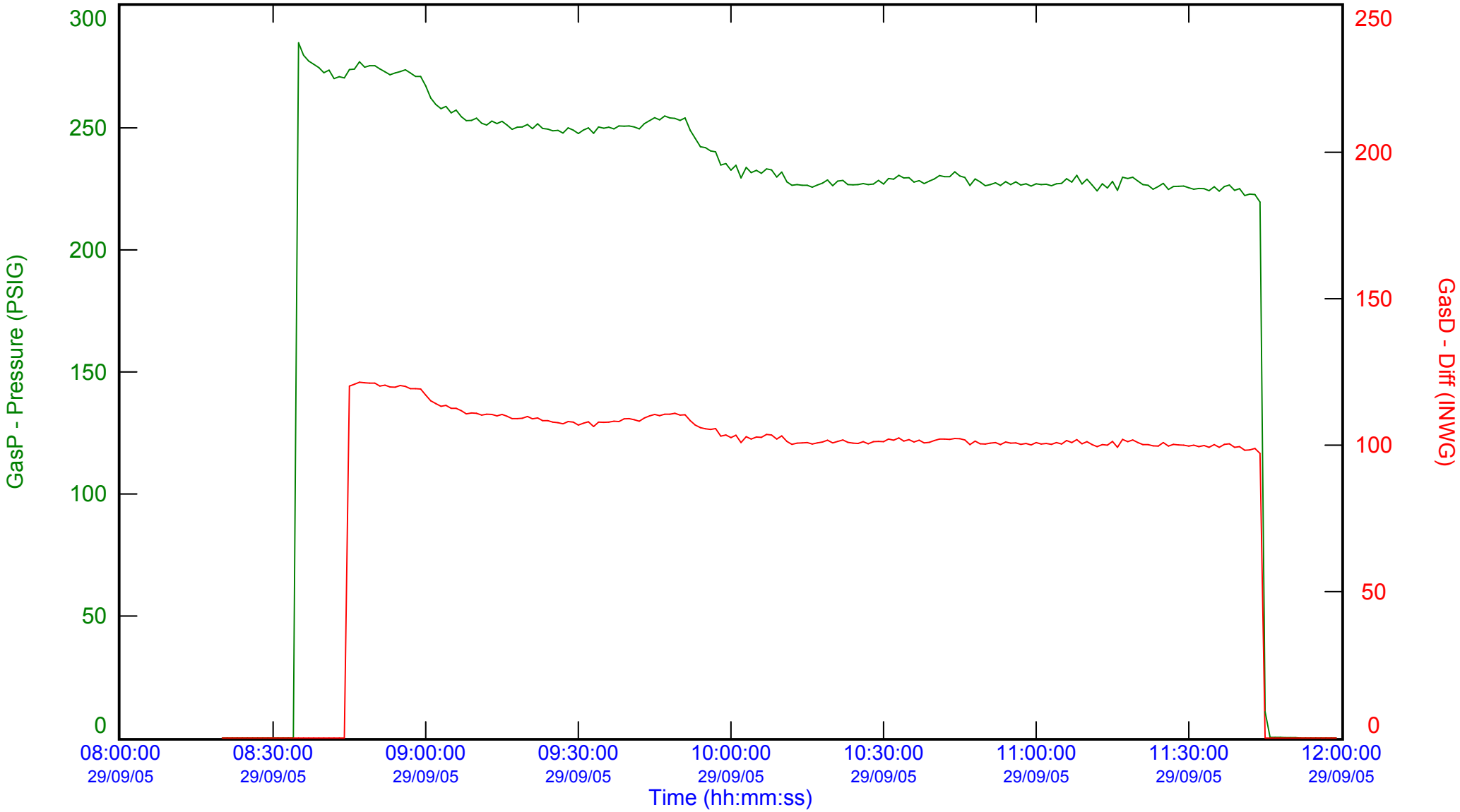
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



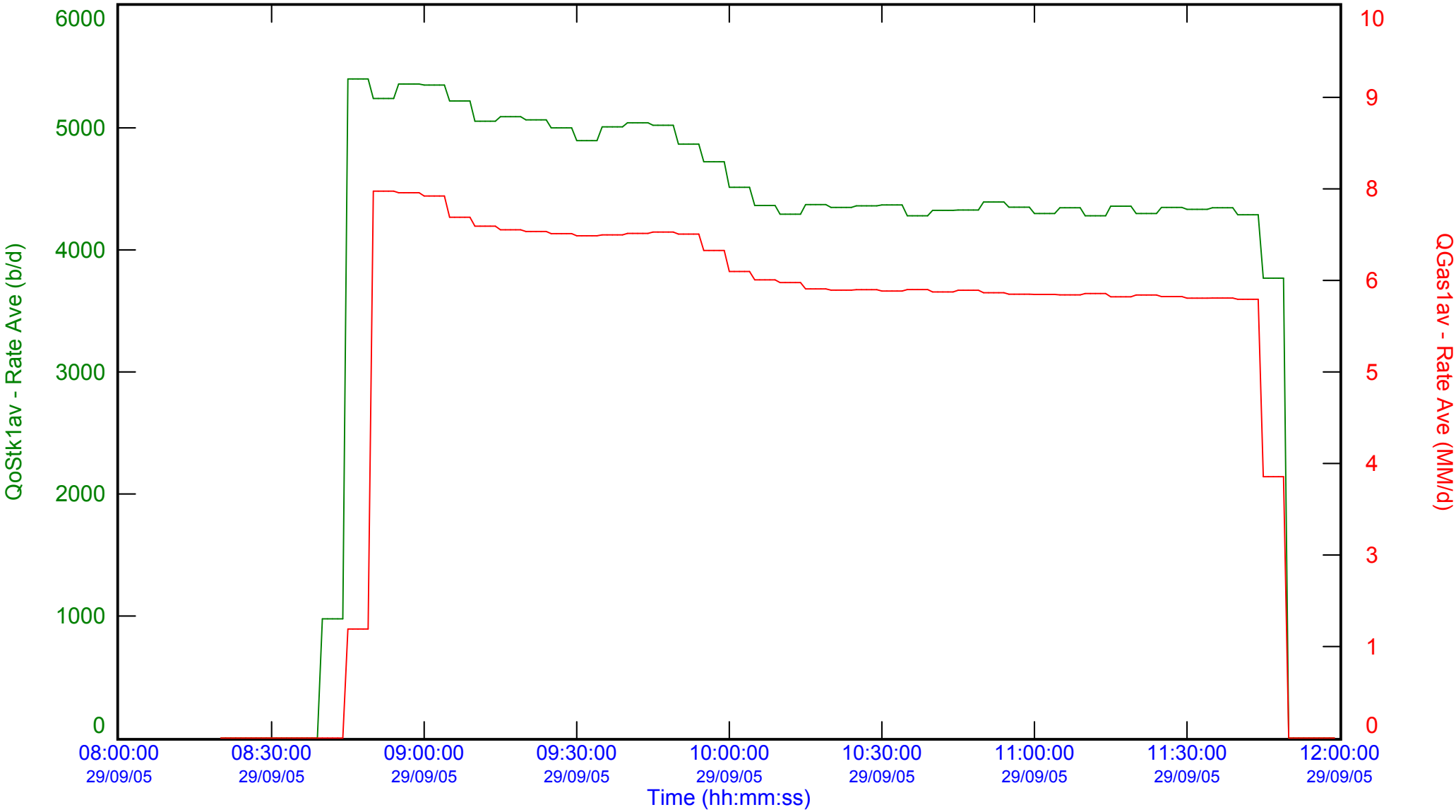
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



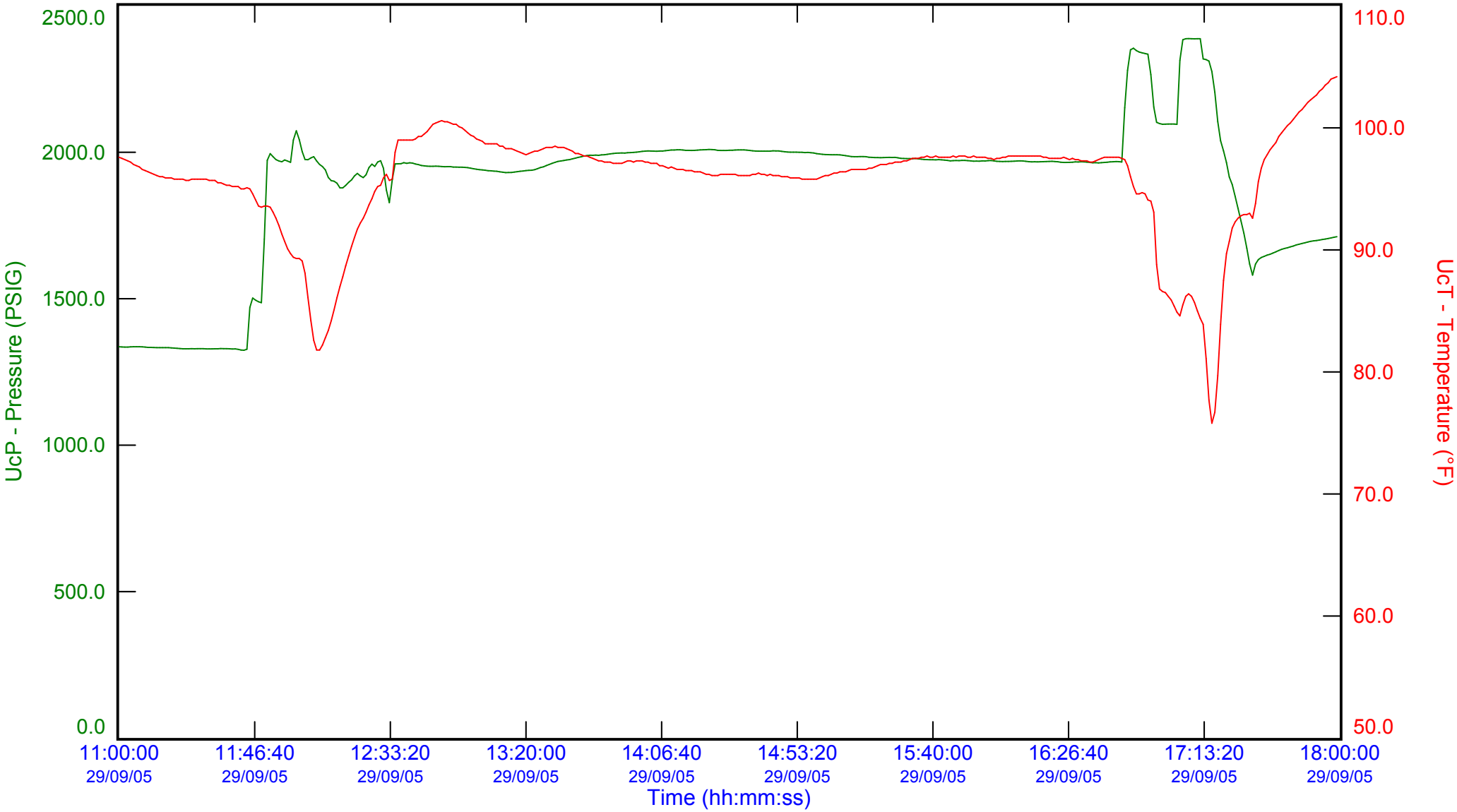
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



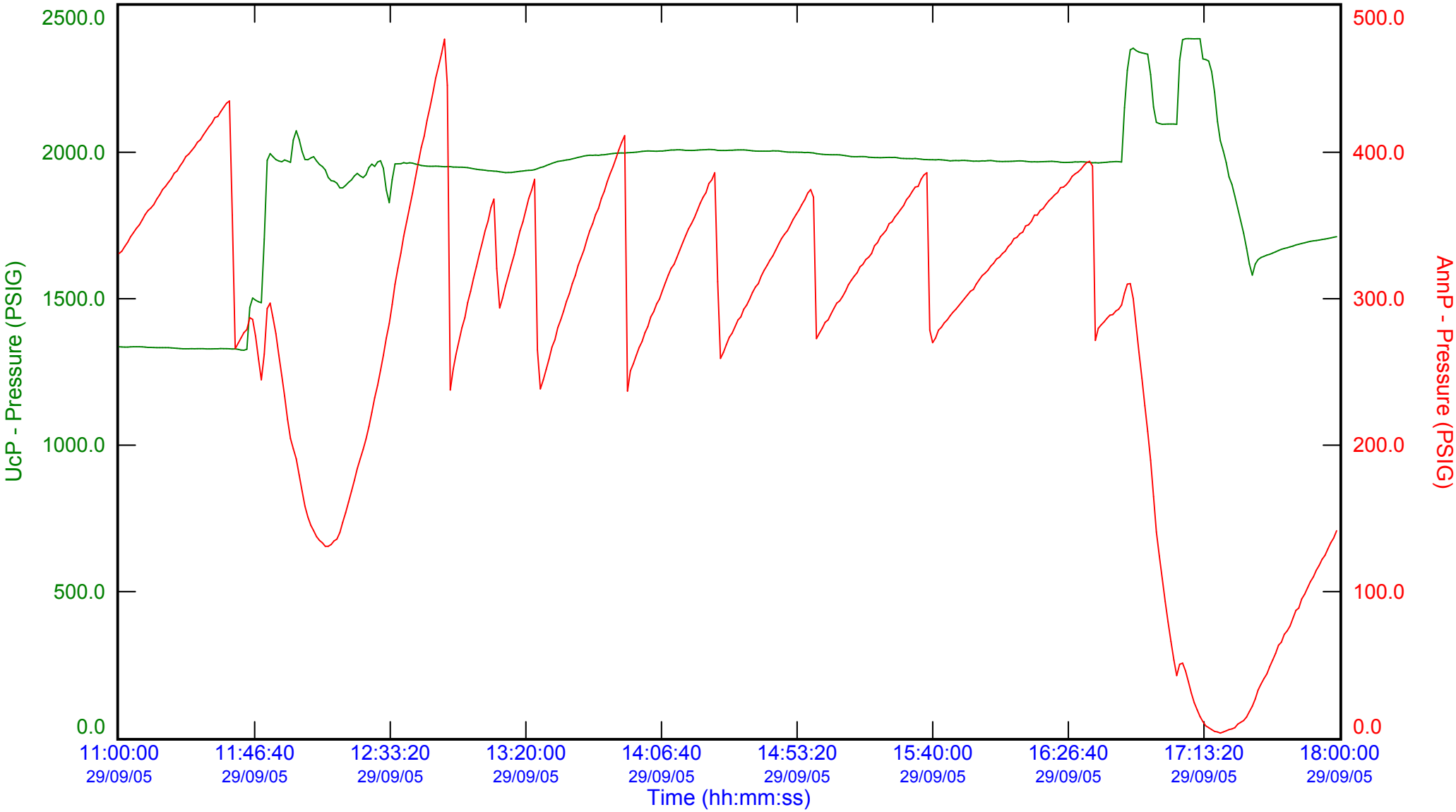
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Lower Zone
Location	Ocean Patriot 186		

THE EXPRO GROUP



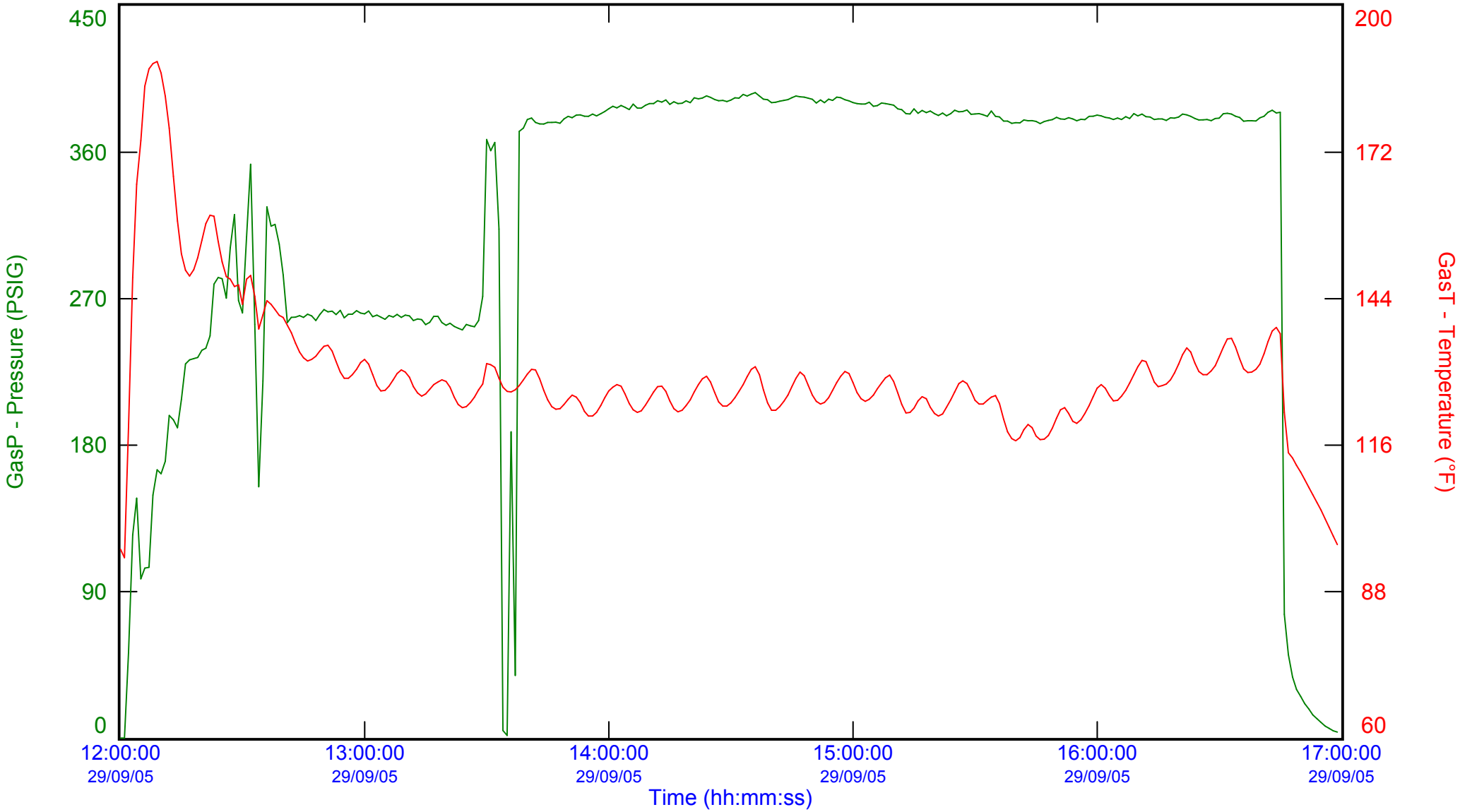
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead plot, Lower Zone
Location	Ocean Patriot 186		

THE EXPRO GROUP



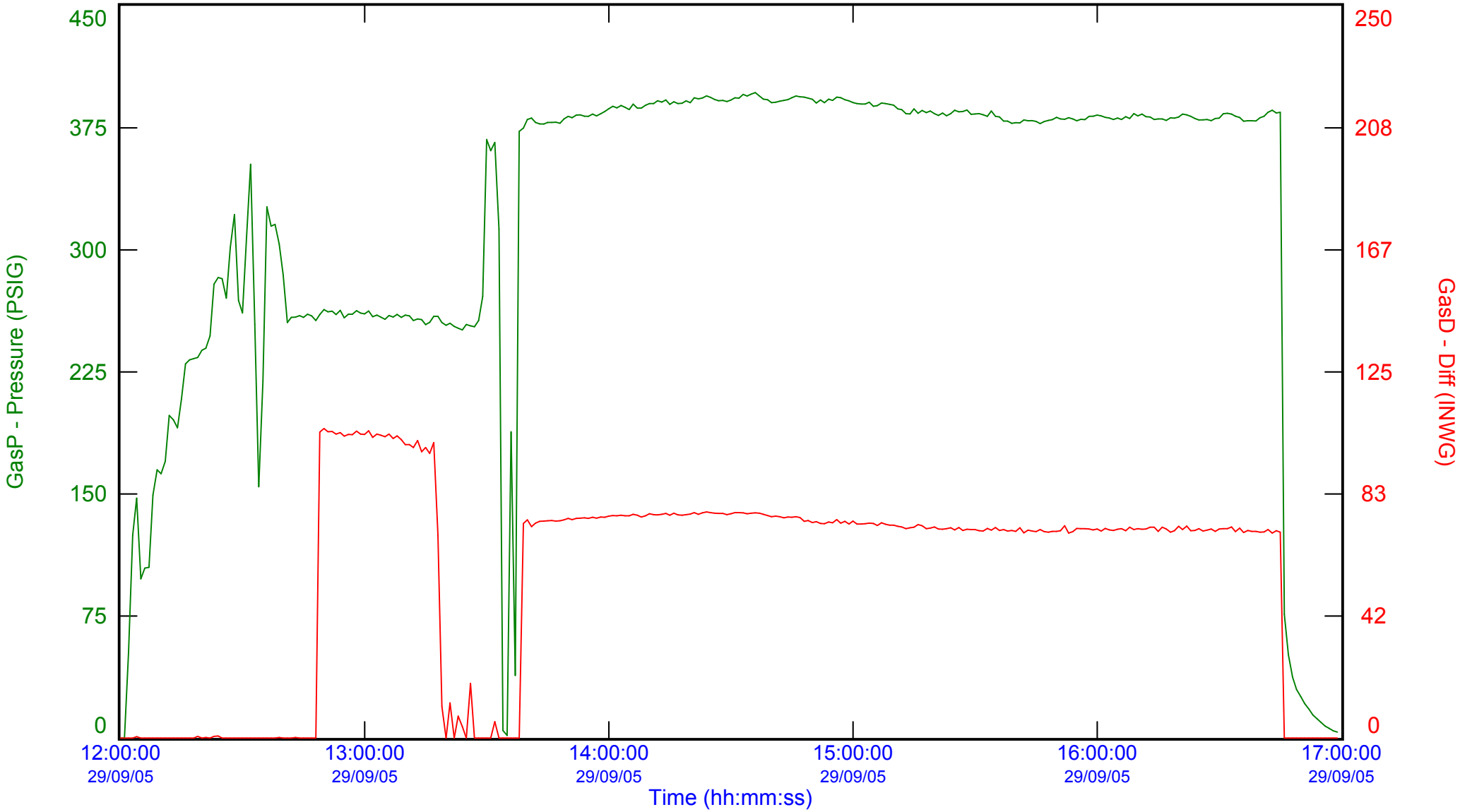
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



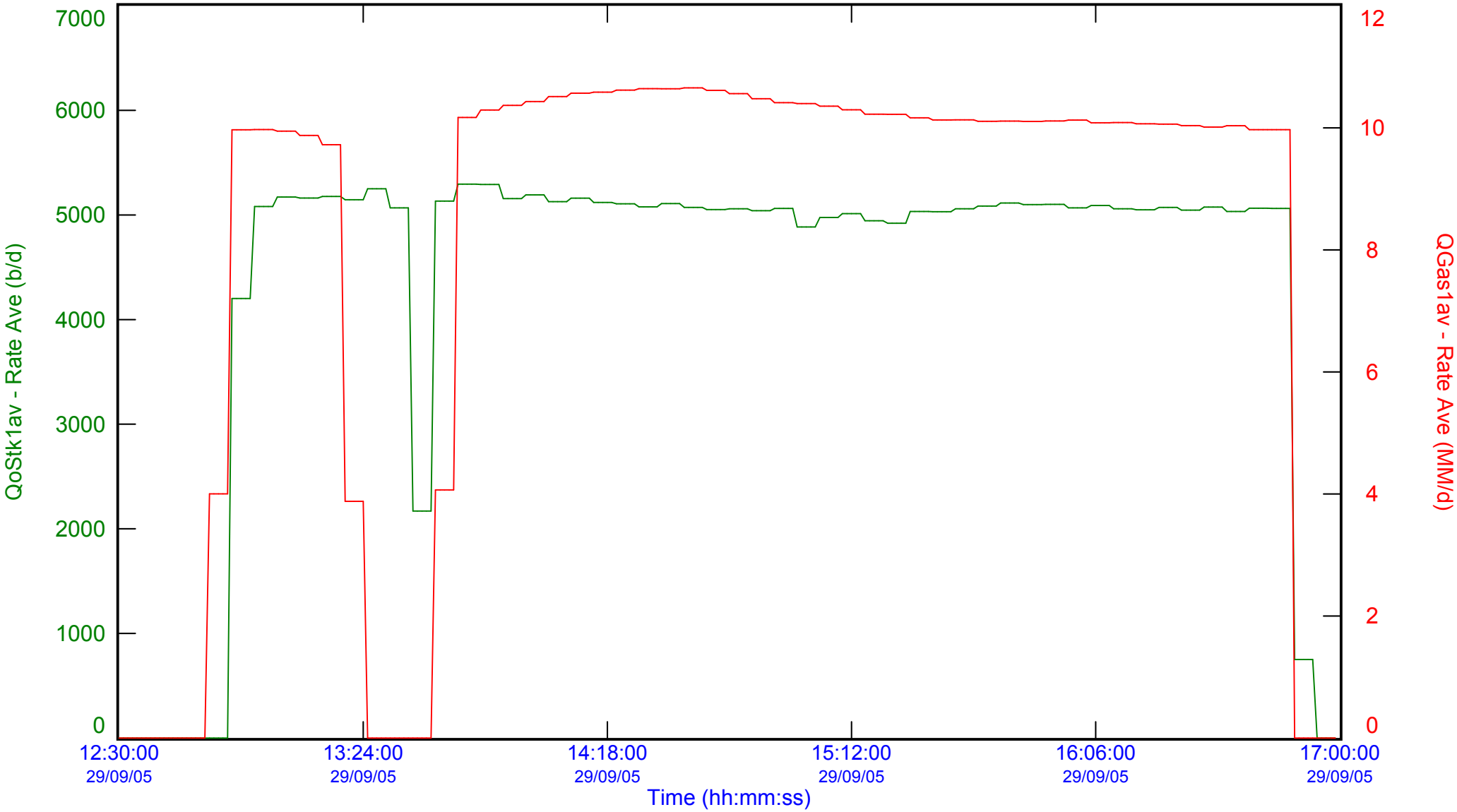
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



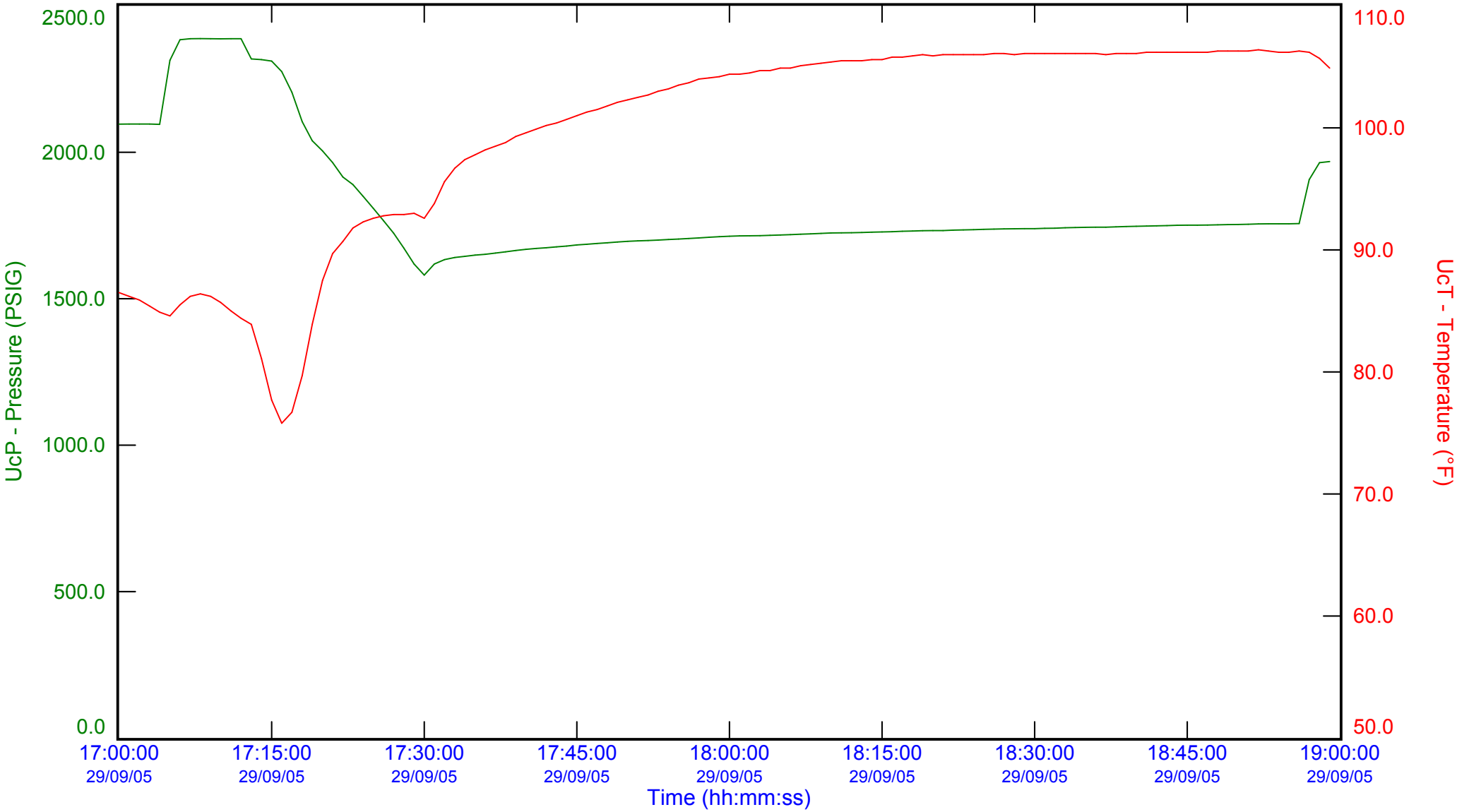
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



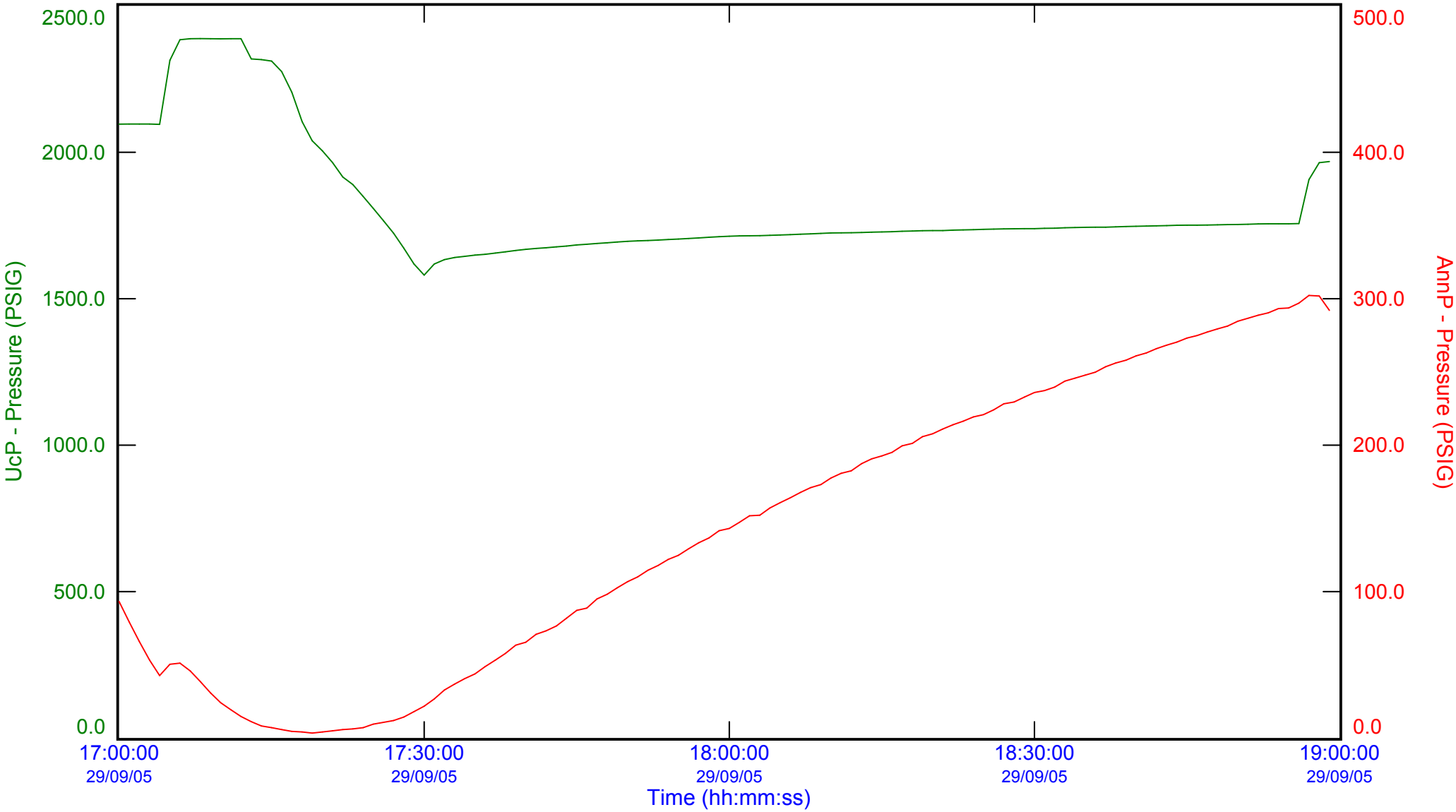
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Data, Upper Zone
Location	Ocean Patriot 186		Re-test

THE EXPRO GROUP



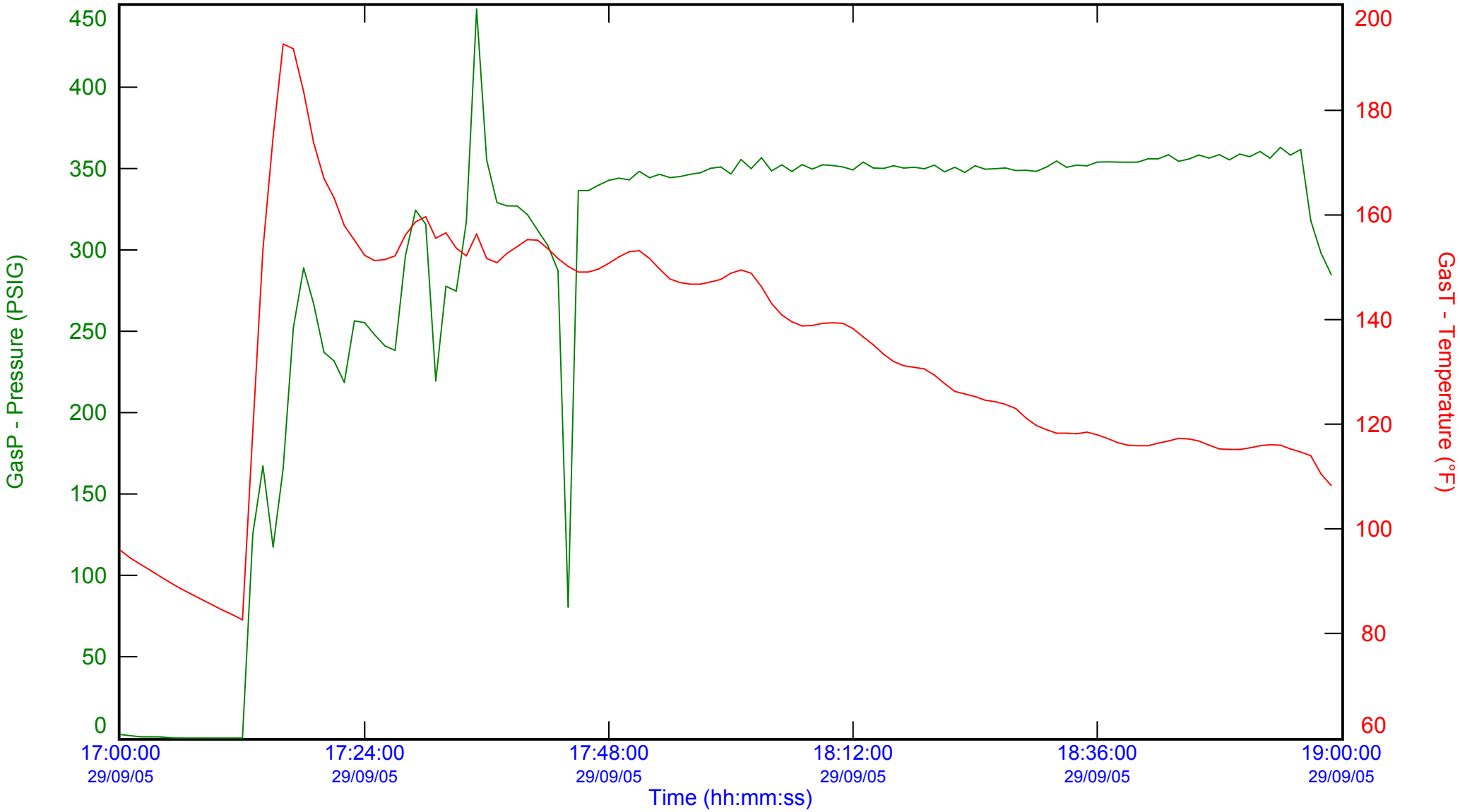
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		Re-test

THE EXPRO GROUP



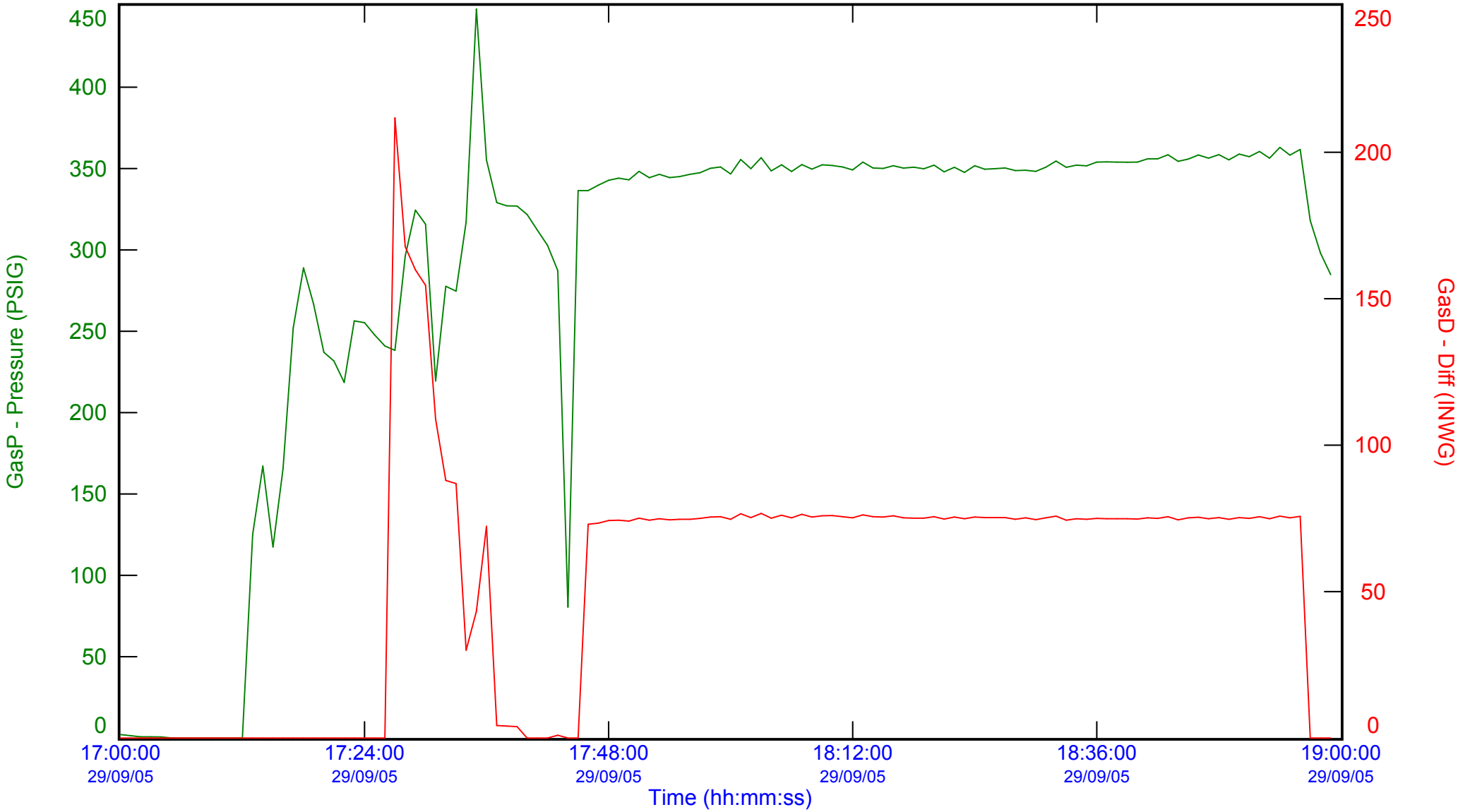
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



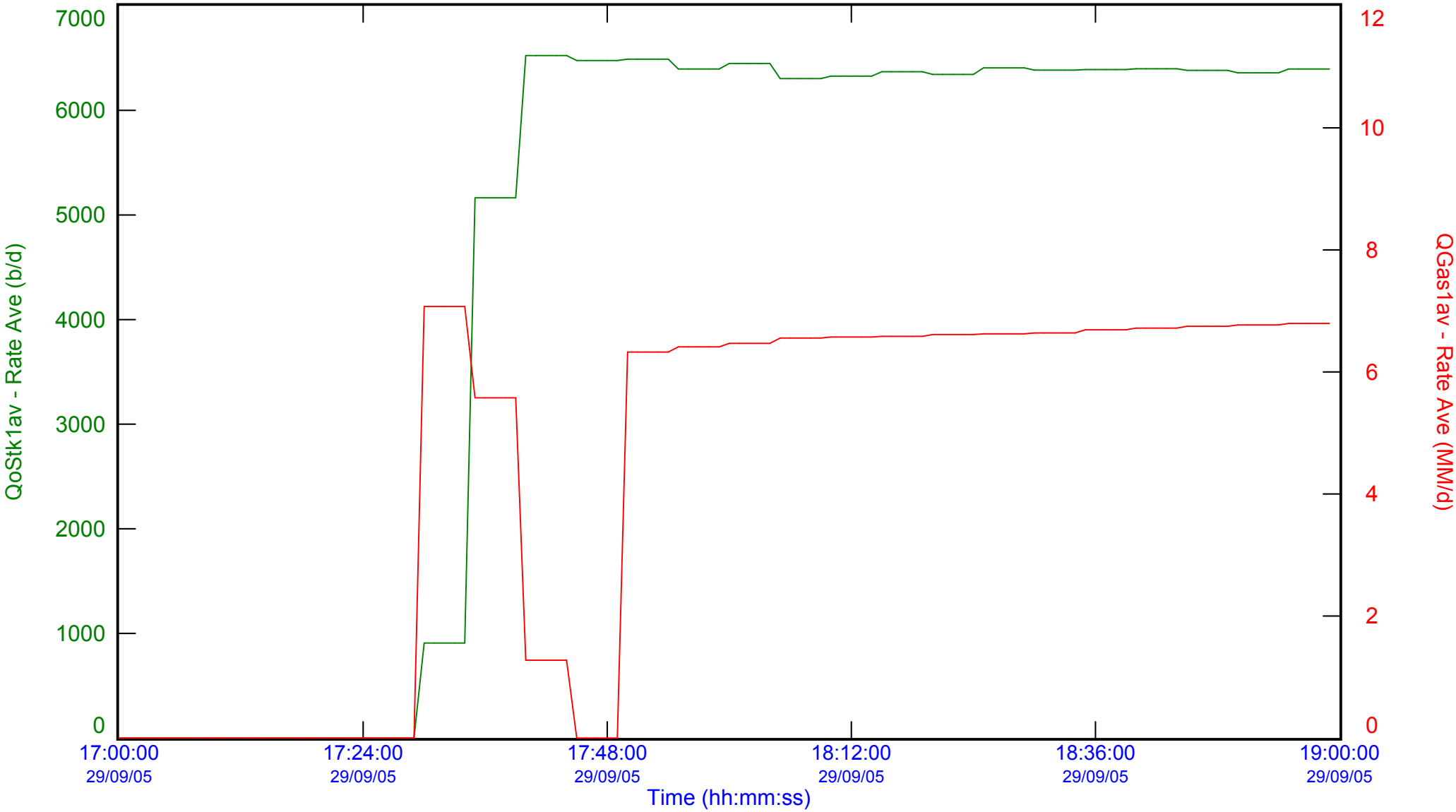
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	5:00:00	738	57.3	0.1	123.7	2.6	0	58	0	63	2.6	207.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:01:00	741.7	57.3	0.7	123.5	3	0	58.1	0	63.1	2.4	206	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:02:00	743.3	57.2	0.1	123	3.4	0	58	0	63	1.8	203.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:03:00	Opened subsea lubricator valve.																						
29/09/05	5:03:00	745	57.2	0.5	122.4	3	0	58	0	63	1.4	201.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:04:00	752.9	57.2	0.1	121.4	3	0	58	0	63	1.4	199.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:05:00	759.5	57.1	0.1	120.6	3	0	57.9	0	63	1.2	198.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:06:00	763.8	57.1	0.1	119.7	3	0	57.9	0	63	0.9	197.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:07:00	766.2	57.1	0	118.7	2.6	0	57.8	0	62.9	1.2	196.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:08:00	768.1	57.1	0.1	117.6	2.6	0	57.8	0	62.9	1.6	196.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:09:00	768.3	57	0.3	116.3	2.6	0	57.8	0	62.9	1.4	196.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:10:00	768.9	57	0.7	115.2	2.6	0	57.8	0	62.9	1.4	196	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:11:00	769.5	57	0.3	114	2.6	0	57.7	0	62.9	1.4	195.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:12:00	770.3	57	0.7	112.9	2.6	0	57.7	0	62.9	1.2	194.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:13:00	Opened well on 16/64 adjustable choke to surge tank to recover 30 bbls.																						
29/09/05	5:13:00	769.9	57	0.3	112	2.6	0	57.7	0	62.9	1.2	193.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:14:00	Gradually increased to 20/64 adjustable choke.																						
29/09/05	5:14:00	718.8	57	0.3	110.9	2.6	0	57.6	0	62.8	0.9	191.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:15:00	Initial tank level at 4.5 bbls.																						
29/09/05	5:15:00	671.2	56.8	0.5	118.1	2.6	0	57.6	0	62.8	5	192.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:16:00	688.5	56.4	0.5	141.2	3	0	57.5	0	62.8	23.2	204.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:17:00	687.7	55.9	0.3	160.8	3	0	57.4	0	62.8	19.6	220.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:18:00	Gradually increased to 24/64 adjustable choke.																						
29/09/05	5:18:00	683	55.5	0.7	173	2.6	0.1	57.4	0	62.8	16.7	226.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:19:00	633.3	55.4	0.3	176.6	3	0.1	57.3	0	62.8	15.3	228.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:20:00	2.5 bbls returned.																						
29/09/05	5:20:00	620.7	55.4	0	174.8	2.6	0.1	57.3	0	62.7	17.7	229.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:21:00	577.1	55.8	0	169	2.6	0.1	57.2	0	62.7	19.3	231.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:22:00	580.8	56.2	0	160.6	3.4	0.1	57.2	0	62.6	18.7	233.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:23:00	589.4	56.4	0.1	151.5	4.2	0	57.1	0	62.6	17.1	233	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:24:00	Gradually increased to 28/64 adjustable choke.																						
29/09/05	5:24:00	603.9	56.5	0.1	141.4	4.6	0	57	0	62.6	14.8	228.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:25:00	10.5 bbls returned.																						
29/09/05	5:25:00	624.6	56.5	0	132	5	0	57.1	0	62.6	13	221.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:26:00	594.7	57	0.3	123	6.7	0	57	0	62.6	17.3	212.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:27:00	619.9	57.9	0.1	114.4	8.7	0.2	57	0	62.5	17.9	201	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:28:00	649.5	58.9	0.1	106.9	10.8	0.2	57	0	62.5	17.9	188.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:29:00	678.5	59.7	0.5	100.8	14	0.2	57	0	62.5	18.5	176.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:30:00	30 bbls returned.																						
29/09/05	5:30:00	Shut well in at choke manifold.																						
29/09/05	5:30:00	706.3	60.6	0.5	95.8	18.9	0.2	57	0	62.5	19.1	164.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:31:00	800.4	61.4	0.7	91.6	27.1	0	57	0	62.4	0	153.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:32:00	974.1	61.9	1.2	89	30.8	0	57	0	62.4	4.2	146.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:33:00	983.3	61.9	1.2	88	31.6	0	57	0	62.4	4.4	143	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:34:00	988.2	61.9	1.2	87.8	32.8	0.3	57.1	0	62.3	4.8	140.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:35:00	Closed subsea lubricator valve.																						
29/09/05	5:35:00	992.7	61.8	0.9	87.9	32.8	0.3	57	0	62.3	4.8	138.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:36:00	989.7	61.6	1.4	88.1	32.8	0.3	56.9	0	62.3	4.8	137.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:37:00	Bled off well head pressure.																						
29/09/05	5:37:00	976.4	61.6	1.4	88.2	32.4	0.1	56.9	0	62.2	5.2	138.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:38:00	693.7	61.6	1.2	88.2	28.3	0.1	56.9	0	62.2	6.5	144.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:39:00	402.7	61.9	0.9	88.3	24.2	0.1	56.8	0	62.1	7.1	162.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:40:00	92.2	61.8	1.2	88.4	20.2	0.1	56.7	0	62.1	6.3	177.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:41:00	Closed choke manifold																						
29/09/05	5:41:00	6.4	61.7	1.2	88.1	20.6	0	56.7	0	62.1	5.4	185.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:42:00	5.5	61.7	1.4	88	19.8	0.1	56.6	0	62	4.6	187.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:43:00	Opened internal control valve (ICV).																						
29/09/05	5:43:00	6.6	61.5	1.2	88	18.9	0	56.6	0	62	4.8	188.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:44:00	799.1	61.4	0.9	87.9	28.7	0.2	56.7	0	61.9	5.6	189.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:45:00	Opened well on 16/64 adjustable choke to general purpose tank.																						
29/09/05	5:45:00	806.1	61.3	0.9	87.8	29.2	0.2	56.6	0	61.9	6.3	191.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:46:00	Gradually increased to 20/64 adjustable choke.																						
29/09/05	5:46:00	780.7	61.3	0.9	87.8	29.2	0.2	56.6	0	61.9	6.9	195	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:47:00	769.3	61.6	0.9	87.8	30.8	0.2	56.6	0	61.9	6.9	200.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:48:00	761.1	61.5	1.4	88.5	32.8	0.2	56.5	0	61.9	8.5	206.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:49:00	766.2	61.5	1.4	88.7	35.3	0.2	56.5	0	61.8	8.7	208.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:50:00	773.2	61.3	1.4	88.3	39.4	0.2	56.4	0	61.8	8.1	206.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:51:00	781.8	61.2	1.4	87.4	43.5	0.2	56.4	0	61.8	8.3	201.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:52:00	792.2	61	1.2	86.2	48	0.2	56.4	0	61.7	8.1	196.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:53:00	Gradually increased to 24/64 adjustable choke.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP psig	UcT degF	DcP psig	DcT degF	AnnP psig	GasP psig	GasT degF	GasD inwg	OilT degF	DhP psig	DhT degF	QGas1i MM/d	QGas1av MM/d	Gas1Cum MMcf	QoSep1i b/d	QoSep1av b/d	Sep1Cum bbls	QoStk1av b/d	Stk1Cum bbls	Qw1av b/d	w1Cum bbls	SepGORav cf/b	StkGORav cf/b
29/09/05	5:53:00	801	60.8	1.4	84.9	53.3	0.2	56.4	0	61.7	7.7	191	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:54:00	781.6	60.7	0.9	83.5	58.2	0.2	56.3	0	61.7	12.2	186.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:55:00	47.5 bbls recovered.																						
29/09/05	5:55:00	Shut well in at choke manifold.																						
29/09/05	5:55:00	792	60.8	1.4	81.9	67.2	0.2	56.3	0	61.6	12.6	181.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:56:00	808.1	61.1	0.9	80.2	77	0.2	56.3	0	61.6	12.4	174.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:57:00	823.9	61.5	1.4	78.7	88.4	0.2	56.3	0	61.6	12.6	166.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:58:00	838	61.9	1.2	77.3	101.9	0.2	56.3	0	61.5	13	158.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	5:59:00	852.9	62.4	1.2	76.1	116.2	0.2	56.3	0	61.5	13	151.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:00:00	Shut off boilers to resolve steam delivery issues.																						
29/09/05	6:00:00	933.2	62.6	1.4	75.1	128.5	0.2	56.3	0	61.5	4.2	145.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:01:00	935.9	62.6	1.2	74.6	131.8	0.2	56.2	0	61.5	4	141.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:02:00	936.9	62.6	0.9	74.5	133	0.2	56.2	0	61.5	4	139	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:03:00	937.5	62.4	1.2	74.5	133	0.2	56.2	0	61.4	4.4	136.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:04:00	937.5	62.3	1.2	74.6	133.4	0.2	56.2	0	61.4	4	135.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:05:00	937.1	62.1	0.9	74.7	131.8	0.1	56.2	0	61.4	4	133.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:06:00	936.9	62	0.9	74.7	129.7	0.2	56.2	0	61.3	4.4	132.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:07:00	936.7	61.9	1.4	74.7	127.7	0.2	56.3	0	61.3	4.6	131.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:08:00	936.9	61.7	0.9	74.7	125.6	0.2	56.2	0	61.3	4.4	130.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:09:00	936.7	61.6	0.9	74.6	124.4	0.2	56.2	0	61.3	4.4	129.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:10:00	936.9	61.5	1.2	74.5	122	0.1	56.2	0	61.3	4.6	128.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:11:00	Steam delivery back online.																						
29/09/05	6:11:00	937.3	61.4	1.2	74.5	119.5	0.1	56.2	0	61.2	4.2	127.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:12:00	937.1	61.3	1.2	74.4	117.5	0.2	56.2	0	61.2	4.2	126.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:13:00	936.7	61.1	0.7	74.4	115	0.2	56.3	0	61.2	4.4	125.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:14:00	936.9	61	0.9	74.2	113	0	56.2	0	61.1	4.2	124.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:15:00	Opened well on 16/64 adjustable choke to surge tank.																						
29/09/05	6:15:00	937.1	60.9	1.4	73.7	110.1	0	56.3	0	61.1	5.4	127.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:16:00	917.7	61.1	0.9	73.3	107.7	0.2	56.2	0	61.1	10.6	148.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:17:00	923	61.5	1.2	73.4	108.5	0.2	56.2	0	61	9.3	180.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:18:00	928.7	61.4	1.2	74.5	108.9	0.2	56	0	61	8.1	205.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:19:00	935.5	61.4	1.4	75.8	111.3	0	55.9	0	61	8.3	223.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:20:00	940.8	61.5	0.9	77.2	113	0.2	55.8	0	61	5.4	236.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:21:00	946.5	61.1	1.2	78.5	116.6	0	55.9	0	61	5.6	244	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:22:00	952.3	60.9	1.4	79.9	119.1	0	55.8	0	61	6.3	248.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:23:00	958	60.8	1.6	81.3	123.2	0	55.7	0	61	6.7	249.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:24:00	963.7	60.6	1.4	82.5	126.1	0	55.7	0	60.9	6.9	249.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:25:00	969.2	60.5	1.2	83.5	128.9	0	55.7	0	60.9	7.5	248.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:26:00	974.7	60.3	1.6	84.5	132.2	0	55.7	0	60.9	8.1	247	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:27:00	980.7	60.2	1.4	85.2	136.7	0	55.6	0	60.9	7.9	247.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:28:00	985.6	60.1	1.2	85.9	140.4	0	55.6	0	60.9	8.1	248.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:29:00	991.3	59.9	0.7	86.4	143.6	0	55.6	0	60.9	8.1	250.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:30:00	Steam boilers are running at full capacity.																						
29/09/05	6:30:00	997	59.7	0.9	87	146.9	0	55.6	0	60.8	8.1	252.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:31:00	1002.8	59.6	0.9	87.5	151	0	55.6	0	60.8	7.5	253.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:32:00	1009.1	59.7	1.2	88	154.7	0	55.7	0	60.8	7.9	254.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:33:00	1014.6	60	15.5	88.3	158.4	0	55.6	0	60.8	8.1	254.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:34:00	1020.5	60.3	15.9	88.6	161.6	0	55.7	0	60.8	7.9	254.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:35:00	1026.3	60.5	16.5	88.8	165.7	0	55.6	0	60.7	7.5	254.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:36:00	1032.6	60.8	16.7	89.1	168.6	0	55.6	0	60.7	7.9	254.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:37:00	1038.9	60.9	17.3	89.3	172.7	0	55.6	0	60.7	8.3	254.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:38:00	1044.9	61	17.3	89.6	176.3	0	55.6	0	60.7	8.3	256.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:39:00	1051	61.1	17.1	89.9	179.2	0	55.6	0	60.6	8.1	258.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:40:00	1057.1	61.2	17.1	90	184.1	0	55.7	0	60.6	7.9	259.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:41:00	Gradually increased to 20/64 adjustable choke.																						
29/09/05	6:41:00	1064.3	61.3	17.5	90.1	187.4	0.2	55.7	0	60.6	7.9	259.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:42:00	1049.8	61.4	29.4	90.2	189.8	0.2	55.7	0	60.6	11.8	260.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:43:00	1060.4	61.5	31.2	90.6	195.6	0.2	55.7	0	60.6	15.7	259.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:44:00	1073.1	61.6	31.8	90.4	203.7	0.2	55.7	0	60.6	16.5	254.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:45:00	1087	61.7	30	89.6	211.1	0.2	55.7	0	60.6	14.6	246.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:46:00	1099.4	61.9	29.4	88.5	220.1	0.2	55.7	0	60.6	14.2	239.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:47:00	Diverted flow to port flareboom.																						
29/09/05	6:47:00	1110.5	62	28.7	87.3	229.1	0	55.8	0	60.6	13.2	232.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:48:00	Gradually increased to 28/64 adjustable choke.																						
29/09/05	6:48:00	1121.5	62.2	32.4	86.2	236.9	0	55.8	0	60.6	17.1	227.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:49:00	1106.4	62.4	81.9	85.2	246.3	0	55.8	0	60.6	48	225.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:50:00	1083.1	62.6	154.7	84.1	257.7	0	56.1	0	60.6	79	222.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:51:00	1110.1	63	152.8	82.4	274.1	0	56.2	0	60.5	79	212.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:52:00	1152	63.5	151.4	80.5	295.3	0	56.3	0	60.5	77.6	199.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:53:00	Opened CIV. Commenced chemical injection at 660 cc/min at SST.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	6:53:00	1190	64.2	155.7	78.9	317	0	56.4	0	60.5	80.3	188.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:54:00	1228.8	65	157.5	77.7	339.9	0	56.5	0	60.4	80.1	179.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:55:00	1270.4	65.8	162.2	76.8	362	0	56.5	0	60.4	82.1	171.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:56:00	Gradually increased to 32/64 adjustable choke.																						
29/09/05	6:56:00	1312.9	66.4	169.4	76.1	385.3	0	56.5	0	60.4	85.8	164.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:57:00	1332.3	67.1	225.4	75.5	406.1	0	56.5	0	60.4	108.9	157.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:58:00	1362.3	67.7	235	74.9	429	0	56.5	0	60.4	115.6	150.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	6:59:00	Brine at surface.																						
29/09/05	6:59:00	1378.3	68.3	235.2	74.7	452.3	0	56.5	0	60.4	114.6	144.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:00:00	1416.5	67.9	429.4	74.9	476.9	0	56.5	0	60.4	267.5	140	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:01:00	1397.9	67.4	533.5	75	496.1	0	56.4	0	60.3	359.9	140.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:02:00	Gradually increased to 36/64 adjustable choke. Bled down annulus pressure to +/- 250 psi.																						
29/09/05	7:02:00	1369.5	66.4	424.3	75	502.2	0	56.4	0	60.3	268.3	142.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:03:00	1364	65.8	471.3	75.1	276.9	0	56.3	0	60.3	272	148.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:04:00	1388.3	67.1	490.4	75	292.9	0	56.2	0	60.3	280	148.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:05:00	1430	70.9	484.2	75.1	312.1	0	56.1	0	60.3	277.5	139.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:06:00	1466.8	74.2	524.7	75.5	330.1	0	56	0	60.2	310.9	127.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:07:00	1507.5	76.9	509.2	76.3	346.8	0	56	0	60.2	294.5	121.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:08:00	Traces of oil at surface.																						
29/09/05	7:08:00	1535.9	81	633.9	77.2	363.2	0	55.9	0	60.2	353	118	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:09:00	1577.8	82.9	574	78.3	380.4	0	55.9	0	60.2	330.5	116.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:10:00	Gradually increased to 40/64 adjustable choke.																						
29/09/05	7:10:00	1593.4	82.3	628.1	79.3	396.7	0.2	55.8	0	60.2	381.6	118.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:11:00	1601.9	82.6	745.5	79.9	410.2	0	55.8	0	60.2	442.7	121.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:12:00	1627.1	83.5	807.6	80.4	425.7	0	55.7	0	60.1	461.3	121.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:13:00	1675.3	85.5	867.7	81	446.6	0	55.7	0	60.1	562.5	121	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:14:00	1687	84.3	836.9	82.5	466.6	0.2	55.7	0	60.1	552.5	125	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:15:00	1708.7	82.9	835.4	83.5	487.1	0.2	55.7	0	60.1	521	129.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:16:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	7:16:00	1729.1	82	844	83.6	420.4	0	55.7	0	60.1	525.7	130.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:17:00	1743.2	81.3	836.9	83.2	275.7	0.2	55.7	0	60	513.7	129.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:18:00	Gradually increased to 44/64 adjustable choke.																						
29/09/05	7:18:00	1740.3	80.5	828.9	82.6	299.4	0.1	55.7	0	60	515.5	128.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:19:00	1717	79.9	963.8	81.9	318.6	0	55.7	0	60	607.5	127.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:20:00	Unable to take samples at choke manifold due to thick heavy foam.																						
29/09/05	7:20:00	1690.3	78.7	906.8	80.9	338.3	0	55.7	0	60	636.9	126.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:21:00	1740.5	81.7	967.3	80.5	362	0	55.7	0	60	602.2	125.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:22:00	1758.7	84.3	1017.2	81.4	384	0	55.6	0	60	644.9	124.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:23:00	Gradually increased to 48/64 adjustable choke.																						
29/09/05	7:23:00	1757.9	83.9	1013.7	82	406.5	0	55.7	0	60	642.5	125.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:24:00	Still unable to take samples at choke manifold due to thick heavy foam.																						
29/09/05	7:24:00	1740.5	83.2	1130.8	82.2	428.2	0	55.7	0	60	707.3	127	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:25:00	1729.7	82.6	1135.5	82.2	451.5	0	55.8	0	60	718.7	127.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:26:00	Diverted flow through 48/64" fixed choke.																						
29/09/05	7:26:00	1728.1	82.5	1133.7	82.2	476.5	0	55.8	0	60	715	127	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:27:00	1739.9	82.7	1064	82.5	501.8	0	55.8	0	60	669.2	126.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:28:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	7:28:00	1749.7	83	1066.2	82.5	339.5	0	55.8	0	60	666.6	125.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:29:00	1754.4	83.1	1068.9	82.5	274.1	0	55.8	0	60	668.6	124.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:30:00	Flare distinguished momentarily, flare relit. Estimated oil spillage 1 litre.																						
29/09/05	7:30:00	1757.5	83.3	1069.3	82.4	298.6	0	55.8	0	60	669	123.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:31:00	1760.4	83.6	1068.9	82.1	321.9	0	55.8	0	59.9	669.8	123.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:32:00	1763.8	83.7	1069.1	82	344	0	55.8	0	59.9	670.3	123.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:33:00	1767.7	83.9	1074.2	82.1	366.9	0	55.8	0	59.9	671.7	124.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:34:00	1771.4	84.2	1075.2	82.4	388.9	0	55.8	0	59.9	673.9	125.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:35:00	1772.6	84.3	1077.9	82.8	411.4	0	55.7	0	59.8	675.4	127.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:36:00	1773.5	84.6	1077.7	83.4	432.7	0	55.8	0	59.8	675.8	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:37:00	1774.1	84.8	1077.7	83.8	452.7	0	55.8	0	59.8	677.4	130.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:38:00	1773.9	84.9	1077.3	84.1	473.6	0	55.6	0	59.8	677.4	132.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:39:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	7:39:00	1773	85.1	1078.9	84.3	494	0	55.5	0	59.8	677.4	132.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:40:00	1770	85.4	1078.5	84.3	436.8	0	55.4	0	59.8	675.4	131.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:41:00	1769	85.7	1075	84	306	0	55.3	0	59.7	675.8	130.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:42:00	1768.3	85.8	1069.9	83.6	284.3	0.1	55.8	0	88.9	666.6	129.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:43:00	1768.8	86.1	1070.7	83.4	304.7	0.1	56.8	0	102.9	667.2	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:44:00	1770.6	86.5	1070.7	83.4	325.2	0.1	57.7	0	106.9	668.2	128.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:45:00	1772.6	86.8	1073	83.4	344.4	0	58.4	0	109.9	668.4	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:46:00	1774.7	87	1074	83.5	364	0	58.9	0	111.9	670.3	129.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:47:00	1772.4	87.3	1073.2	83.6	381.6	0	59.4	0	114.2	670.5	130.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:48:00	1770.6	87.5	1072.6	83.6	401.2	0	59.6	0	114.7	668.8	130.4	0	0	0	0	0	0	0	0	0	0		

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	7:49:00	1765.5	87.7	1068.9	83.5	419.2	0	59.9	0	113.9	666.4	129.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:50:00	1762	87.8	1067.1	83.4	437.2	0	60.2	0	112.9	664.5	127.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:51:00	1761.4	88	1065.8	83.3	454	0	60.4	0	112.9	664.1	126.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:52:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	7:52:00	1761.8	88.1	1064.2	83.2	471.5	0	60.7	0	113.2	663.1	126.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:53:00	1763	88.3	1064.8	83.3	312.1	0	60.8	0	113.9	663.9	126.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:54:00	1764.5	88.6	1065.4	83.4	272	0	61	0	114.6	664.1	126.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:55:00	1764.7	88.8	1065.4	83.6	292.9	0	61.1	0	115.7	663.5	128	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:56:00	1764.5	89.1	1065.6	83.8	310.4	0	61.3	0	117.1	665.1	129.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:57:00	1763.4	89.3	1065.8	83.9	327.2	0	61.4	0	118.2	664.5	130.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:58:00	1760.6	89.4	1065.6	84	344.4	0	61.5	0	117.9	664.5	130	0	0	0	0	0	0	0	0	0	0		
29/09/05	7:59:00	1755.9	89.6	1062.8	83.9	360.3	0	61.7	0	116.5	662.3	128.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:00:00	SG of produced oil 0.838 at 60 degF. 30 minutes of heating required to obtain sample.																						
29/09/05	8:00:00	1749.9	89.6	1058.9	83.7	376.3	0	61.9	0	115.6	660	127.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:01:00	1746.3	89.8	1055.6	83.5	391	0	61.9	0	115.3	657.4	126.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:02:00	1744	90	1052.9	83.3	406.9	0	62.1	0	115.5	655.5	126.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:03:00	1743.8	90.1	1054	83.3	422.9	0	62.2	0	116.2	656.4	127.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:04:00	1744.4	90.1	1053.2	83.2	438.8	0	62.2	0	117.1	657.2	128.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:05:00	1744.6	90.4	1053.2	83.2	454.4	0	62.3	0	118	657.2	129.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:06:00	1744	90.6	1053.2	83.2	468.7	0	62.3	0	118.3	657.2	130	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:07:00	1743.4	90.7	1054.2	83.3	485.4	0	62.5	0	117.4	657.4	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:08:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	8:08:00	1741.6	90.8	1052.9	83.1	501	0	62.6	0	115.4	655.9	126.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:09:00	1743.4	91.1	1052.7	82.9	337.4	0	62.7	0	113.3	654.1	124.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:10:00	1744.6	91.2	1052.7	82.8	268.3	0	62.8	0	112.3	653.7	122.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:11:00	1744.2	91.4	1052.5	82.8	282.6	0	62.8	0	112	654.9	122.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:12:00	1740.5	91.7	1050.3	82.7	298.6	0	62.8	0	112.6	653.9	123.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:13:00	Increased chemical injection rate at 1100 cc/min.																						
29/09/05	8:13:00	1726.8	91.9	1041.9	82.6	310.4	0	62.9	0	113.7	648	124.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:14:00	1715	91.9	1034.8	82.7	323.5	0	62.9	0	115	644.9	126.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:15:00	1708.7	91.9	1030.5	82.8	335.4	0	62.9	0	116.5	640.8	127.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:16:00	1704.4	91.9	1031.3	83	348.9	0	62.9	0	116.8	641	128.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:17:00	1701.9	92	1029.4	83.1	362.8	0	63	0	116.5	640.6	128.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:18:00	1700.3	92.1	1027.8	83.1	375.9	0	63	0	115.5	638.2	127.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:19:00	1699	92.2	1027.4	83	388.1	0	61.1	0	112.5	638.4	126.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:20:00	1698.4	92.2	1026.8	82.8	402.4	0	60.4	0	107.7	638.4	126.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:21:00	1698.2	92.4	1025.6	82.8	415.5	0	61.2	0	107	638.2	127.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:22:00	1699	92.5	1025.6	82.8	429	0	61.6	0	107.8	639.4	128.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:23:00	1699	92.8	1025.4	82.8	441.7	0	61.9	0	108.9	639.4	129.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:24:00	1699.7	92.9	1025.4	83.1	454.4	0	62.1	0	110.3	639.4	131.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:25:00	Diverted flow through separator, edge separator gas pressure sensor isolated.																						
29/09/05	8:25:00	1700.3	93	1024.9	83.3	467.9	0	62.3	0	111.4	640.4	133.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:26:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	8:26:00	1699.5	93.2	950.1	83.5	373	0	63.6	0	111.8	440.7	134.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:27:00	1698	93.4	942.1	83.7	271.2	0	101.1	0	102.2	473.4	133.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:28:00	1696.2	93.5	938.9	83.8	290.4	0	111.1	0	117.3	452.1	132.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:29:00	1695.6	93.8	949.3	83.8	303.1	0	114.2	0	118.7	464.8	130.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:30:00	1695.6	94	971	83.6	315.4	0	119	0	121.8	488.3	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:31:00	1695	94.2	947.7	83.6	328.4	0	119.1	0	124	477.1	128.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:32:00	1695.2	94.4	930.9	83.6	341.1	0	118.2	0	125	440.7	129	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:33:00	1696.2	94.5	982.4	83.7	353.8	0	129.7	0	126	549.2	130.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:34:00	Opened valve to separator gas pressure sensor.																						
29/09/05	8:34:00	1691.9	94.6	955.8	83.8	364.8	0	125	0	129.2	504.3	131.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:35:00	1686	94.7	946.6	83.9	375.5	284.9	127	0	132.2	487.3	133.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:36:00	1670.6	94.7	938.5	84	384.5	279.8	129	0	134.3	481.8	134.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:37:00	1659.2	94.7	930.9	84.3	393.9	277.4	130.2	0	135.5	477.1	136	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:38:00	Established oil level in separator. Diverted flow to 3" oil meter.																						
29/09/05	8:38:00	1650.8	94.8	928	84.5	402	276.1	129.7	0	135.8	475.6	135.6	0	0	0	0	0	0	0	0	0	0		
29/09/05	8:39:00	1644.5	94.8	925	84.4	412.3	274.7	127.7	0	134.8	473	133.7	0	0	0	13.94	0	0.01	0	0.01	0	0		
29/09/05	8:40:00	1640.4	94.9	923.3	84.3	422.1	272.6	125.2	0	132.8	470.7	130.9	0	0	0	5185.38	1039.86	3.61	977.06	3.39	0	0	0	0
29/09/05	8:41:00	1638.1	95	921.1	84	432.7	273.7	123.3	0	130.8	470.5	128.6	0	0	0	5798.71	1039.86	7.64	977.06	7.18	0	0	0	0
29/09/05	8:42:00	1636.3	95.1	918.8	83.8	442.5	270.2	122.6	0	129.2	467.5	127.2	0	0	0	5826.59	1039.86	11.68	977.06	10.98	0	0	0	0
29/09/05	8:43:00	1636.3	95.1	918.2	83.6	453.1	271	123	0	128.5	469.1	127.2	0	0	0	5617.5	1039.86	15.58	977.06	14.64	0	0	0	0
29/09/05	8:44:00	Intalled 2.75" orifice plate into gas meter run.																						
29/09/05	8:44:00	1635.9	95.3	917.8	83.4	464.2	270.5	123.9	0	128.7	468.1	127.9		0	0	5826.59	1039.86	19.63	977.06	18.45	0	0	0	0
29/09/05	8:45:00	SG of produced gas 0.832. BS&W showed 100% oil and trace of water. Bled down annulus pressure to +/- 250 psi.																						
29/09/05	8:45:00	Draeger (Petrolab) showed 12.5% CO2 by volume and 2.8 ppm H2S.																						
29/09/05	8:45:00	1636.5	95.4	917.4	83.3	474.8	273.9	125.4	120.2	129.6	471.3	129.3	7.449	1.49	0.005	5673.26	5748.53	23.57	5401.32	22.15	0	0	259.15	275.81
29/09/05	8:46:00	1637.1	95.6	919.7	83.4	338.7	274.1	127.7	120.8	130.8	471.1	130.9	7.45	1.49	0.01	5812.65	5748.53	27.61	5401.32	25.94	0	0	259.15	275.81
29/09/05	8:47:00	1638.5	95.6	920.5	83.6	272	277.1	129.5	121.5	132.3	472.6	132.4	7.499	1.49	0.016	5464.17	5748.53	31.4	5401.32	29.51	0	0	259.15	275.81

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	8:48:00	1637.9	95.8	917.8	83.7	286.3	274.9	130.5	121.3	133.7	469.7	133.4	7.457	1.49	0.021	5756.89	5748.53	35.4	5401.32	33.26	0	0	259.15	275.81
29/09/05	8:49:00	1636.9	95.9	920.5	83.9	297	275.5	130	121.2	134	472	133.3	7.466	1.49	0.026	5617.5	5748.53	39.3	5401.32	36.93	0	0	259.15	275.81
29/09/05	8:50:00	1635.7	96.1	920.1	84.2	308	275.5	128.2	121.2	133.3	471.1	131.8	7.479	7.47	0.031	5241.14	5578.47	42.94	5241.53	40.35	0	0	1339.12	1425.21
29/09/05	8:51:00	1635.1	96.2	917.8	84.2	317	274.2	125.6	120.2	131.8	467.7	129.4	7.45	7.47	0.036	5645.38	5578.47	46.86	5241.53	44.03	0	0	1339.12	1425.21
29/09/05	8:52:00	1634.8	96.4	917.6	84	328	273	123.6	120.5	129.9	468.3	127.1	7.457	7.47	0.041	5756.89	5578.47	50.86	5241.53	47.79	0	0	1339.12	1425.21
29/09/05	8:53:00	1634.2	96.5	916.6	83.8	337.8	271.8	122.6	119.9	128.3	467.9	125.7	7.431	7.47	0.047	5812.65	5578.47	54.9	5241.53	51.58	0	0	1339.12	1425.21
29/09/05	8:54:00	1634.8	96.7	916.8	83.6	348.1	272.5	122.4	119.8	127.2	468.5	125.1	7.438	7.47	0.052	5631.44	5578.47	58.81	5241.53	55.25	0	0	1339.12	1425.21
29/09/05	8:55:00	1634.6	96.8	915.8	83.5	358.7	273.1	122.8	120.4	126.8	467.7	125.2	7.464	7.448	0.057	5673.25	5703.92	62.75	5359.4	58.96	0	0	1305.76	1389.7
29/09/05	8:56:00	1635.1	96.9	915.4	83.4	368.1	273.8	123.3	120.1	126.8	469.3	125.7	7.461	7.448	0.062	5631.44	5703.92	66.66	5359.4	62.63	0	0	1305.76	1389.7
29/09/05	8:57:00	1634.8	97.1	915.8	83.4	378.7	272.5	123.5	119.3	126.9	466.8	125.9	7.416	7.448	0.067	5896.27	5703.92	70.75	5359.4	66.48	0	0	1305.76	1389.7
29/09/05	8:58:00	One steam boiler is down.																						
29/09/05	8:58:00	1633.8	97.1	914.8	83.5	387.7	271.1	122.4	119.3	126.5	465.4	125	7.403	7.448	0.072	5701.13	5703.92	74.71	5359.4	70.2	0	0	1305.76	1389.7
29/09/05	8:59:00	1623.8	97.3	910.9	83.2	395.9	271.1	119.7	119.2	125	464.2	122.6	7.42	7.448	0.078	5603.57	5703.92	78.6	5359.4	73.85	0	0	1305.76	1389.7
29/09/05	9:00:00	BS&W showed 100% oil and trace of water. SG of produced oil 0.825 at 60 degF, sample taken at oil diverted ma																						
29/09/05	9:00:00	1597	97.4	895.9	83	401.2	267.2	117.3	117.1	123.1	457	120.2	7.322	7.404	0.083	5645.38	5695.56	82.52	5351.55	77.54	0	0	1300	1383.57
29/09/05	9:01:00	Stopped chemical injection pump at SST.																						
29/09/05	9:01:00	1578.2	97.3	885.5	82.6	404.9	262.3	115.9	115.2	121.3	451.1	118.4	7.206	7.404	0.088	5659.32	5695.56	86.45	5351.55	81.23	0	0	1300	1383.57
29/09/05	9:02:00	1565.5	97.3	876.1	82.4	411	259.6	115.3	114.2	119.8	444.4	117.6	7.139	7.404	0.093	5589.61	5695.56	90.33	5351.55	84.88	0	0	1300	1383.57
29/09/05	9:03:00	1556.6	97.1	871.8	82.3	416.7	257.9	115.4	113.3	119.1	442.9	117.5	7.088	7.404	0.098	5464.17	5695.56	94.13	5351.55	88.44	0	0	1300	1383.57
29/09/05	9:04:00	1549.8	97.1	869.4	82.2	423.3	258.8	116.1	113.6	119.1	441.7	118.1	7.107	7.404	0.103	5492.06	5695.56	97.94	5351.55	92.03	0	0	1300	1383.57
29/09/05	9:05:00	1544.7	97.1	866.7	82.2	430.2	256.2	117.1	112.6	119.5	439.5	119.2	7.032	7.114	0.107	5575.68	5556.17	101.81	5220.57	95.66	0	0	1280.47	1362.78
29/09/05	9:06:00	1540.4	97.1	865.3	82.3	437.6	257.3	117.3	112.6	120	439.5	119.6	7.045	7.114	0.112	5310.83	5556.17	105.5	5220.57	99.13	0	0	1280.47	1362.78
29/09/05	9:07:00	1536.9	97.1	861.8	82.3	445.4	254.6	115.8	111.8	119.8	437	118.4	6.995	7.114	0.117	5519.92	5556.17	109.34	5220.57	102.73	0	0	1280.47	1362.78
29/09/05	9:08:00	1534.5	97.2	858.3	82.2	451.5	253	113.3	110.7	118.7	433.9	116.2	6.953	7.114	0.122	5492.03	5556.17	113.15	5220.57	106.32	0	0	1280.47	1362.78
29/09/05	9:09:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	9:09:00	1532.6	97.3	857.1	81.9	460.1	253.1	111.7	111	117.1	434.1	114.3	6.977	7.114	0.127	5227.21	5556.17	116.78	5220.57	109.73	0	0	1280.47	1362.78
29/09/05	9:10:00	1531.6	97.4	857.9	81.7	439.2	254	111	110.9	115.7	434.3	113.3	6.991	6.992	0.132	5352.65	5380.53	120.5	5055.55	113.22	0	0	1299.58	1383.12
29/09/05	9:11:00	1531.2	97.3	856.7	81.5	337.4	251.9	111.1	110.3	114.8	433.5	113.2	6.941	6.992	0.136	5729.01	5380.53	124.48	5055.55	116.96	0	0	1299.58	1383.12
29/09/05	9:12:00	1531.4	97.4	855.9	81.4	252.8	251.2	112	110.6	114.6	432.3	113.8	6.936	6.992	0.141	5394.46	5380.53	128.22	5055.55	120.48	0	0	1299.58	1383.12
29/09/05	9:13:00	1530	97.5	856.7	81.4	261.4	252.8	112.7	110.5	115	434.5	114.6	6.951	6.992	0.146	5241.14	5380.53	131.86	5055.55	123.9	0	0	1299.58	1383.12
29/09/05	9:14:00	Diverted flow through surge tank for combine meter and shrinkage factor.																						
29/09/05	9:14:00	1527.7	97.5	854.6	81.5	270.8	251.8	112.7	110	115.6	433.3	114.9	6.922	6.992	0.151	5450.23	5380.53	135.65	5055.55	127.45	0	0	1299.58	1383.12
29/09/05	9:15:00	BS&W showed 100% oil and trace of water.																						
29/09/05	9:15:00	1528.3	97.7	854.4	81.4	279.4	252.7	111.3	110.5	115.6	432.7	113.9	6.96	6.942	0.156	5282.97	5419.56	139.31	5092.22	130.9	0	0	1280.87	1363.2
29/09/05	9:16:00	1527.1	97.7	852.8	81.3	286.7	251.2	109.4	109.9	114.7	431.3	112	6.932	6.942	0.161	5575.68	5419.56	143.19	5092.22	134.54	0	0	1280.87	1363.2
29/09/05	9:17:00	1526.3	97.8	851.6	81.1	294.1	249.4	108.1	109.1	113.1	429.4	110.5	6.892	6.942	0.165	5505.98	5419.56	147.01	5092.22	138.13	0	0	1280.87	1363.2
29/09/05	9:18:00	1526.3	97.9	851.8	81	302.7	250.3	107.4	109.1	111.5	429.8	109.5	6.91	6.942	0.17	5324.77	5419.56	150.71	5092.22	141.61	0	0	1280.87	1363.2
29/09/05	9:19:00	1525.9	98	851.6	80.9	309.6	250.4	107.3	109.2	110.4	430.5	109.3	6.917	6.942	0.175	5408.41	5419.56	154.46	5092.22	145.13	0	0	1280.87	1363.2
29/09/05	9:20:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.																						
29/09/05	9:20:00	Obtained shrinkage factor from Katz 6.04%. Meter factor 0.968.																						
29/09/05	9:20:00	1525.9	98.1	852	80.9	318.6	251.4	107.8	109.8	109.9	430.9	109.6	6.944	6.919	0.18	5143.55	5391.68	158.04	5066.02	148.49	0	0	1283.29	1365.79
29/09/05	9:21:00	1526.3	98.1	852.4	80.9	324.3	249.7	108.4	109	110.2	430.9	110.3	6.891	6.919	0.185	5603.59	5391.68	161.93	5066.02	152.15	0	0	1283.29	1365.79
29/09/05	9:22:00	1526.1	98.2	852	80.9	332.5	251.7	108.8	109.3	111	430.9	110.7	6.925	6.919	0.189	5087.78	5391.68	165.46	5066.02	155.47	0	0	1283.29	1365.79
29/09/05	9:23:00	1525.5	98.3	850.8	80.8	339.9	249.8	107.6	108.4	111.4	430.3	109.9	6.88	6.919	0.194	5533.86	5391.68	169.3	5066.02	159.08	0	0	1283.29	1365.79
29/09/05	9:24:00	1524.9	98.3	850	80.7	347.2	249.5	106.1	108.4	110.8	429	108.5	6.885	6.919	0.199	5255.11	5391.68	172.95	5066.02	162.51	0	0	1283.29	1365.79
29/09/05	9:25:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil lin																						
29/09/05	9:25:00	1524.5	98.4	849.3	80.6	355	248.8	105	107.9	109.3	428	107.3	6.87	6.89	0.204	5129.63	5321.99	176.51	5000.54	165.85	0	0	1294.65	1377.88
29/09/05	9:26:00	1524.7	98.4	850.2	80.4	362.4	249	104.3	107.7	107.9	428.8	106.3	6.871	6.89	0.208	5129.6	5321.99	180.08	5000.54	169.2	0	0	1294.65	1377.88
29/09/05	9:27:00	1524.5	98.5	849.1	80.2	368.9	247.9	104.1	107.3	107	428.2	106.1	6.843	6.89	0.213	5227.23	5321.99	183.71	5000.54	172.61	0	0	1294.65	1377.88
29/09/05	9:28:00	1525.3	98.5	850.2	80.1	377.1	250	104.6	108.1	106.7	428.2	106.5	6.893	6.89	0.218	5004.17	5321.99	187.18	5000.54	175.88	0	0	1294.65	1377.88
29/09/05	9:29:00	1524.7	98.5	850.2	80.2	383.2	249.1	105.2	107.9	107.2	428.8	107.2	6.871	6.89	0.223	5296.87	5321.99	190.86	5000.54	179.33	0	0	1294.65	1377.88
29/09/05	9:30:00	SG of produced oil 0.824 at 60 degF, sample taken at separator oil line. BS&W showed 100% oil and trace of wa																						
29/09/05	9:30:00	1524.5	98.6	849.7	80.3	390.2	247.7	104.9	106.9	107.8	427.6	107.1	6.823	6.86	0.228	5394.5	5210.47	194.61	4895.76	182.85	0	0	1316.64	1401.28
29/09/05	9:31:00	1524	98.6	849.7	80.2	397.1	249.1	104.1	107.5	107.8	428.4	106.4	6.867	6.86	0.232	5087.81	5210.47	198.14	4895.76	186.17	0	0	1316.64	1401.28
29/09/05	9:32:00	1524	98.7	850.2	80.2	404.9	250	103.5	108	107.1	429.2	105.8	6.898	6.86	0.237	5422.35	5210.47	201.91	4895.76	189.71	0	0	1316.64	1401.28
29/09/05	9:33:00	1524.5	98.7	848.5	80.1	411.8	247.8	103.4	106.4	106.3	426.6	105.5	6.818	6.86	0.242	5575.68	5210.47	205.78	4895.76	193.35	0	0	1316.64	1401.28
29/09/05	9:34:00	1524.7	98.8	850.2	80.1	418.8	250.4	103.8	107.9	106	428.8	105.7	6.897	6.86	0.247	5101.72	5210.47	209.32	4895.76	196.68	0	0	1316.64	1401.28
29/09/05	9:35:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil lin																						
29/09/05	9:35:00	1525.5	98.8	850	80.1	425.3	249.9	104.8	107.8	106.3	429.2	106.7	6.882	6.873	0.251	5464.19	5330.35	213.11	5008.4	200.24	0	0	1289.34	1372.22
29/09/05	9:36:00	1526.3	98.9	851.6	80.2	432.7	250.3	106.3	107.9	107.3	429.8	108.2	6.881	6.873	0.256	5394.47	5330.35	216.86	5008.4	203.76	0	0	1289.34	1372.22
29/09/05	9:37:00	1526.1	99	851.8	80.3	438.8	249.6	107.7	108.2	108.9	429.8	109.8	6.87	6.873	0.261	5519.9	5330.35	220.69	5008.4	207.36	0	0	1289.34	1372.22
29/09/05	9:38:00	1525.9	99	851.2	80.5	445.8	250.8	108.1	108.1	110.5	430.9	110.4	6.881	6.873	0.266	5269.02	5330.35	224.35	5008.4	210.8	0	0	1289.34	1372.22
29/09/05	9:39:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	9:39:00	1525.9	99.1	851.6	80.6	342.3	250.7	107.4	109	111.2	428.8	110	6.912	6.873	0.271	5310.86	5330.35	228.04	5008.4	214.27	0	0	1289.34	1372.22
29/09/05	9:40:00	1526.3	99.2	851.4	80.6	278.6	250.8	106.8	109.1	110.8	429.2	109.4	6.922	6.893	0.275	5338.71	5366.59	231.75	5042.45	217.75	0	0	1284.45	1367.01
29/09/05	9:41:00	1525.9	99.2	851.4	80.6	285.9	250.4	106.9	108.7	110.1	429.4	109.4	6.903	6.893	0.28	5478.08	5366.59	235.55	5042.45	221.33	0	0	1284.45	1367.01
29/09/05	9:42:00	1526.1	99.3	852.6	80.7	292.5	249.6	107.9	108.2	110	429.2	110.1	6.87	6.893	0.285	5450.25	5366.59	239.34	5042.45	224.88	0	0	1284.45	1367.01
29/09/05	9:43:00	1526.7	99.4	853.8	80.7	300.6	251.8	109.5	109.3	110.8	430.5	111.6	6.922	6.893	0.29	5296.9	5366.59	243.02	5042.45	228.34	0	0	1284.45	1367.01
29/09/05	9:44:00	1527.7	99.4	854.4	80.8	306.8	253	111.6	110	112.3	432.7	113.6	6.945	6.893	0.295	5157.48	5366.59	246.6	5042.45	231.7	0	0	1284.45	1367.01
29/09/05	9:45:00	SG of produced gas 0.845. BS&W showed 100% oil and trace of water.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	9:45:00	1528.8	99.5	855.5	81	314.1	254.2	113.7	110.5	114.6	433.7	115.8	6.913	6.911	0.299	5338.74	5344.29	250.31	5021.49	235.19	0	0	1293.07	1376.19
29/09/05	9:46:00	1529.8	99.5	855.5	81.3	321.1	253.3	116.1	110.1	116.9	433.7	118.2	6.871	6.911	0.304	5241.11	5344.29	253.95	5021.49	238.61	0	0	1293.07	1376.19
29/09/05	9:47:00	1529.2	99.6	857.5	81.6	327.2	254.9	117.6	110.6	119.3	435	120.1	6.901	6.911	0.309	5073.87	5344.29	257.47	5021.49	241.92	0	0	1293.07	1376.19
29/09/05	9:48:00	1528.3	99.6	856.9	81.7	332.1	254.1	117.9	110.6	120.8	435.6	120.7	6.886	6.911	0.314	5087.81	5344.29	261	5021.49	245.24	0	0	1293.07	1376.19
29/09/05	9:49:00	1528.8	99.7	856.9	81.8	339.9	253.9	117.4	110.9	121.3	435.4	120.3	6.895	6.911	0.318	5282.98	5344.29	264.67	5021.49	248.68	0	0	1293.07	1376.19
29/09/05	9:50:00	1528.8	99.8	856.9	81.9	346	253.1	117.4	110.3	121.1	434.7	120	6.868	6.884	0.323	5213.26	5179.81	268.29	4866.95	252.09	0	0	1329.08	1414.52
29/09/05	9:51:00	1513.6	99.9	850.4	82	348.5	254.1	118.2	110.4	121.2	432.7	120.5	6.878	6.884	0.328	5045.99	5179.81	271.8	4866.95	255.38	0	0	1329.08	1414.52
29/09/05	9:52:00	1481.1	99.8	833.8	82.1	349.3	249	119.8	108.4	121.8	423.7	121.8	6.736	6.884	0.333	5213.23	5179.81	275.42	4866.95	258.78	0	0	1329.08	1414.52
29/09/05	9:53:00	1456.8	99.5	821.1	82.2	347.7	245.7	122	106.9	123.1	417.8	123.9	6.631	6.884	0.337	5059.93	5179.81	278.93	4866.95	262.08	0	0	1329.08	1414.52
29/09/05	9:54:00	1437.4	99.3	812.1	82.4	346.8	242.3	124.5	106	125.2	413.7	126.3	6.542	6.884	0.342	4920.54	5179.81	282.35	4866.95	265.29	0	0	1329.08	1414.52
29/09/05	9:55:00	1422.2	99	804.8	82.7	347.7	241.9	127.2	105.6	127.4	409.4	129	6.507	6.659	0.346	4892.69	5026.48	285.74	4722.88	268.49	0	0	1324.77	1409.92
29/09/05	9:56:00	1409.8	98.8	798	83.1	348.5	240.6	129.7	105.4	129.8	406.7	131.7	6.469	6.659	0.351	4809	5026.48	289.08	4722.88	271.62	0	0	1324.77	1409.92
29/09/05	9:57:00	1399.1	98.7	793.1	83.5	349.3	240.2	131.2	105.7	132.2	406.3	133.5	6.462	6.659	0.355	4767.23	5026.48	292.39	4722.88	274.73	0	0	1324.77	1409.92
29/09/05	9:58:00	1389.3	98.6	786	83.6	350.9	234.8	131.3	103.1	134	400.4	134	6.313	6.659	0.36	4948.42	5026.48	295.83	4722.88	277.96	0	0	1324.77	1409.92
29/09/05	9:59:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from s																						
29/09/05	9:59:00	1381.8	98.4	783.3	83.8	354.2	235.4	130	103.5	134.6	399.8	133.3	6.34	6.659	0.364	4599.94	5026.48	299.02	4722.88	280.96	0	0	1324.77	1409.92
29/09/05	10:00:00	BS&W showed 100% oil and trace of water.																						
29/09/05	10:00:00	1375.6	98.4	778.2	83.8	356.2	232.7	128.9	102.6	134.4	396.3	132.4	6.281	6.373	0.368	4892.63	4803.44	302.42	4513.31	284.16	0	0	1326.75	1412.04
29/09/05	10:01:00	1370.5	98.4	778	83.7	358.3	234.7	128.9	103.4	134.1	396.7	132	6.334	6.373	0.373	4516.33	4803.44	305.56	4513.31	287.1	0	0	1326.75	1412.04
29/09/05	10:02:00	1366.6	98.2	773.1	83.6	361.6	229.5	129.6	100.9	134.2	393.5	132.5	6.182	6.373	0.377	5004.17	4803.44	309.03	4513.31	290.37	0	0	1326.75	1412.04
29/09/05	10:03:00	1363.4	98.3	772.9	83.5	364.4	233.8	130.9	102.9	134.7	393.7	133.8	6.295	6.373	0.382	4404.79	4803.44	312.09	4513.31	293.24	0	0	1326.75	1412.04
29/09/05	10:04:00	1360.3	98.2	772.3	83.5	367.7	231.7	132.8	102.1	135.8	393	135.6	6.231	6.373	0.386	4809.02	4803.44	315.43	4513.31	296.38	0	0	1326.75	1412.04
29/09/05	10:05:00	1357.6	98.1	772.7	83.8	370.1	232.6	134.6	102.8	137.3	393.5	137.6	6.253	6.259	0.39	4488.45	4644.55	318.55	4364.02	299.31	0	0	1347.61	1434.24
29/09/05	10:06:00	1355.6	98.2	769.6	84.1	373.8	231.4	136.6	102.7	139.4	392.8	139.8	6.224	6.259	0.395	4655.64	4644.55	321.78	4364.02	302.35	0	0	1347.61	1434.24
29/09/05	10:07:00	1353.4	98.1	769.4	84.4	376.3	233.2	138.4	103.7	141.2	394.5	141.8	6.265	6.259	0.399	4516.36	4644.55	324.92	4364.02	305.29	0	0	1347.61	1434.24
29/09/05	10:08:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from s																						
29/09/05	10:08:00	1351.3	98.1	769.2	84.8	380	232.8	140.2	103.5	143	393.3	143.5	6.244	6.259	0.403	4544.12	4644.55	328.07	4364.02	308.26	0	0	1347.61	1434.24
29/09/05	10:09:00	1349.1	98.2	768	85.1	382.4	229.9	141.2	102.1	145	391.8	144.6	6.158	6.259	0.408	4739.38	4644.55	331.37	4364.02	311.35	0	0	1347.61	1434.24
29/09/05	10:10:00	1346.4	98.2	766.3	85.4	386.1	231.9	140.3	103.2	145.5	391.4	144.1	6.22	6.222	0.412	4390.85	4569.27	334.42	4293.29	314.22	0	0	1361.75	1449.28
29/09/05	10:11:00	1344.4	98.2	761.8	85.5	388.9	227.9	136.6	101.3	144.7	387.1	140.7	6.133	6.222	0.416	4920.54	4569.27	337.83	4293.29	317.43	0	0	1361.75	1449.28
29/09/05	10:12:00	1342.9	98.2	757.3	85.5	391.4	226.5	132.6	100.3	142.3	385.7	136.1	6.107	6.222	0.42	4544.12	4569.27	340.99	4293.29	320.39	0	0	1361.75	1449.28
29/09/05	10:13:00	1341.1	98.2	758	85.3	394.7	226.8	129.6	100.7	139.2	385.1	132.2	6.143	6.222	0.425	4599.99	4569.27	344.18	4293.29	323.39	0	0	1361.75	1449.28
29/09/05	10:14:00	1340.5	98.2	758.4	85.1	398.8	226.5	128.8	100.8	136.6	385.5	130.6	6.148	6.222	0.429	4544.18	4569.27	347.34	4293.29	326.36	0	0	1361.75	1449.28
29/09/05	10:15:00	BS&W showed 100% oil and trace of water.																						
29/09/05	10:15:00	1340.5	98.3	758.4	85	402.4	226.5	129.7	100.9	135	385.1	131	6.143	6.135	0.433	4655.69	4652.9	350.57	4371.87	329.4	0	0	1318.5	1403.26
29/09/05	10:16:00	1340.1	98.3	757.8	84.8	406.1	225.7	131.4	100.4	135	384.7	132.7	6.107	6.135	0.437	4683.57	4652.9	353.82	4371.87	332.45	0	0	1318.5	1403.26
29/09/05	10:17:00	1339.9	98.4	759.6	84.7	408.6	226.6	133.7	100.8	135.9	386.7	134.9	6.12	6.135	0.442	4585.94	4652.9	357.01	4371.87	335.44	0	0	1318.5	1403.26
29/09/05	10:18:00	1340.1	98.4	759.4	84.8	411.8	227.4	135.8	101.1	137.5	386.3	137.1	6.125	6.135	0.446	4586	4652.9	360.19	4371.87	338.44	0	0	1318.5	1403.26
29/09/05	10:19:00	1341.3	98.5	761.2	85	416.7	228.7	137.5	101.7	139.3	387.5	139.1	6.152	6.135	0.45	4572.06	4652.9	363.37	4371.87	341.42	0	0	1318.5	1403.26
29/09/05	10:20:00	1341.3	98.5	759	85.2	419.6	226.3	138.6	100.8	141	385.7	140.3	6.085	6.118	0.454	4711.5	4627.81	366.64	4348.29	344.49	0	0	1321.94	1406.92
29/09/05	10:21:00	1341.3	98.5	761.2	85.5	423.7	228.2	138.4	101.3	141.8	388.3	140.4	6.129	6.118	0.459	4488.37	4627.81	369.76	4348.29	347.42	0	0	1321.94	1406.92
29/09/05	10:22:00	1341.3	98.4	759.4	85.6	425.7	228.5	136.9	101.8	141.9	387.9	139.7	6.155	6.118	0.463	4823.02	4627.81	373.11	4348.29	350.57	0	0	1321.94	1406.92
29/09/05	10:23:00	1340.9	98.5	759.2	85.8	429.4	226.8	135.5	101	141.5	386.1	138.4	6.118	6.118	0.467	4864.78	4627.81	376.48	4348.29	353.74	0	0	1321.94	1406.92
29/09/05	10:24:00	1340.3	98.6	759.2	85.9	432.7	226.7	134.9	100.7	140.9	386.7	137.6	6.111	6.118	0.471	4404.79	4627.81	379.54	4348.29	356.62	0	0	1321.94	1406.92
29/09/05	10:25:00	1340.1	98.6	759.2	85.7	436	226.8	134.9	100.6	140.5	385.9	137.5	6.108	6.124	0.476	4627.81	4641.75	382.76	4361.39	359.64	0	0	1319.36	1404.18
29/09/05	10:26:00	1340.1	98.6	758.4	85.5	439.2	227.2	135.6	101.2	140.5	385.5	138.2	6.129	6.124	0.48	4711.45	4641.75	386.03	4361.39	362.71	0	0	1319.36	1404.18
29/09/05	10:27:00	1339.4	98.7	759.4	85.6	443.3	226.8	137	100.5	141.1	386.1	139.5	6.093	6.124	0.484	4627.81	4641.75	389.24	4361.39	365.73	0	0	1319.36	1404.18
29/09/05	10:28:00	1339.9	98.7	759.2	85.8	446.6	227	138.5	101.2	142.2	386.3	141.2	6.107	6.124	0.488	4669.58	4641.75	392.49	4361.39	368.78	0	0	1319.36	1404.18
29/09/05	10:29:00	1339.4	98.8	759.2	86.1	448.2	228.5	140.6	101.3	143.6	387.1	143.1	6.119	6.124	0.493	4516.3	4641.75	395.62	4361.39	371.73	0	0	1319.36	1404.18
29/09/05	10:30:00	BS&W showed 100% oil and trace of water.																						
29/09/05	10:30:00	1340.1	98.9	761.6	86.4	452.3	227	142.7	101.2	145.2	387.5	144.9	6.085	6.106	0.497	4725.39	4650.11	398.9	4369.24	374.81	0	0	1313.19	1397.61
29/09/05	10:31:00	1340.7	98.9	762.2	86.8	455.6	229.3	144.8	102.1	147.1	388.1	146.7	6.129	6.106	0.501	4363.02	4650.11	401.93	4369.24	377.66	0	0	1313.19	1397.61
29/09/05	10:32:00	1340.7	98.9	762	87.1	459.3	229	146.3	101.7	148.7	387.5	148.2	6.105	6.106	0.505	4655.64	4650.11	405.17	4369.24	380.69	0	0	1313.19	1397.61
29/09/05	10:33:00	1340.3	98.9	763.1	87.5	463	230.6	146.2	102.5	149.9	389.6	148.3	6.152	6.106	0.51	4544.23	4650.11	408.32	4369.24	383.66	0	0	1313.19	1397.61
29/09/05	10:34:00	1339.7	98.9	760.8	87.7	465	229.5	144.9	101.4	150.1	389	147.1	6.111	6.106	0.514	4850.84	4650.11	411.69	4369.24	386.82	0	0	1313.19	1397.61
29/09/05	10:35:00	1339.7	98.9	761.4	87.9	468.3	229.6	143.7	101.9	149.7	389	145.7	6.133	6.126	0.518	4362.97	4555.34	414.72	4280.2	389.67	0	0	1344.72	1431.17
29/09/05	10:36:00	1340.1	99	760	87.7	472.4	227.8	143	101.1	149	388.1	144.6	6.089	6.126	0.522	4850.84	4555.34	418.09	4280.2	392.84	0	0	1344.72	1431.17
29/09/05	10:37:00	1340.9	99	760.4	87.4	474.4	228.4	142.8	101.7	148.3	387.7	144.1	6.116	6.126	0.527	4655.69	4555.34	421.32	4280.2	395.87	0	0	1344.72	1431.17
29/09/05	10:38:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	10:38:00	1341.7	98.9	759.4	87.3	478.5	227.2	143.2	100.8	148	386.9	144.3	6.072	6.126	0.531	4586	4555.34	424.51	4280.2	398.87	0	0	1344.72	1431.17
29/09/05	10:39:00	1342.7	98.9	761.2	87.4	412.7	228.2	144.2	101	148.2	388.3	145.2	6.085	6.126	0.535	4432.61	4555.34	427.58	4280.2	401.76	0	0	1344.72	1431.17
29/09/05	10:40:00	1344.2	98.9	762.5	87.4	268.3	229.1	145.7	101.6	149	388.8	146.6	6.107	6.094	0.539	4488.42	4602.71	430.7	4324.71	404.69	0	0	1323.98	1409.09
29/09/05	10:41:00	1344.4	98.8	763.3	87.5	269.6	230.5	147.6	102.1	150.2	390.2	148.6	6.13	6.094	0.544	4683.63	4602.71	433.95	4324.71	407.74	0	0	1323.98	1409.09
29/09/05	10:42:00	1344.8	98.7	763.5	87.7	273.7	230	149.6	102.1	152.2	390.8	150.8	6.11	6.094	0.548	4599.94	4602.71	437.15	4324.71	410.75	0	0	1323.98	1409.09
29/09/05	10:43:00	1344.8	98.7	762.9	88.1	278.2	230	151.1	102	153.6	389.2	152.6	6.1	6.094	0.552	4739.33	4602.71	440.44	4324.71	413.84	0	0	1323.98	1409.09
29/09/05	10:44:00	1344.4	98.6	764.3	88.4	281.8	232	151.5	102.3	154.9	391.2	153.2	6.132	6.094	0.556	4265.4	4602.71	443.4	4324.71	416.62	0	0	1323.98	1409.09
29/09/05	10:45:00	BS&W showed 100% oil and trace of water.																						
29/09/05	10:45:00	1343.9	98.6	764.1	88.5	285.5	230.3	150	102.2	155.3	390.4	152.1	6.116	6.117	0.561	4739.33	4605.52	446.69	4327.35	419.71	0	0	1328.29	1413.68
29/09/05	10:46:00	1342.5	98.5	761.4	88.5	287.1	229.7	147.2	101.8	154.4	389.6	149.3	6.11	6.117	0.565	4655.64	4605.52	449.93	4327.35	422.75	0	0	1328.29	1413.68
29/09/05	10:47:00	1341.5	98.5	759.2	88.2	291.2	226.4	144.2	100.2	152.6	386.5	145.9	6.037	6.117	0.569	4906.65	4605.52	453.33	4327.35	425.95	0	0	1328.29	1413.68

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	10:48:00	1340.5	98.4	760	88	294.1	229.1	141.8	101.4	150.3	386.5	143.2	6.123	6.117	0.573	4390.85	4605.52	456.38	4327.35	428.82	0	0	1328.29	1413.68
29/09/05	10:49:00	1340.5	98.4	758	87.7	296.5	227.9	140.8	100.5	148.1	385.7	141.6	6.085	6.117	0.577	4711.45	4605.52	459.65	4327.35	431.89	0	0	1328.29	1413.68
29/09/05	10:50:00	1339.9	98.4	757.5	87.4	300.2	226.3	140.9	100.4	146.6	385.1	141.3	6.06	6.083	0.582	4711.45	4675.21	462.93	4392.83	434.97	0	0	1301.12	1384.76
29/09/05	10:51:00	1340.3	98.3	758	87.1	302.7	226.8	141.7	100.7	146.1	385.3	142	6.071	6.083	0.586	4586	4675.21	466.11	4392.83	437.96	0	0	1301.12	1384.76
29/09/05	10:52:00	1340.3	98.3	758.2	86.9	306.4	227.5	143	100.9	146.3	386.5	143.3	6.079	6.083	0.59	4181.76	4675.21	469.16	4392.83	440.82	0	0	1301.12	1384.76
29/09/05	10:53:00	1340.3	98.1	758.4	86.9	309.2	226.4	144.3	100.2	147.2	386.5	144.8	6.037	6.083	0.594	5857.73	4675.21	472.43	4392.83	443.9	0	0	1301.12	1384.76
29/09/05	10:54:00	1340.7	98.1	760	87	312.9	228	145.4	101.1	148.3	386.7	146.3	6.08	6.083	0.599	5014.85	4675.21	475.49	4392.83	446.77	0	0	1301.12	1384.76
29/09/05	10:55:00	1339.9	98	759	87.4	315.4	226.8	146.5	100.7	149.3	385.3	147.5	6.045	6.073	0.603	4178.49	4590.29	478.91	4313.04	449.98	0	0	1322.94	1407.98
29/09/05	10:56:00	Commenced chemical injection pump at 1100 cc/min at SST.																						
29/09/05	10:56:00	1338.6	97.9	759.6	87.7	318.6	227.9	146.4	100.8	150.2	387.1	147.6	6.063	6.073	0.607	5018.11	4590.29	482.02	4313.04	452.9	0	0	1322.94	1407.98
29/09/05	10:57:00	1337.6	97.8	758.4	87.9	320.7	226.6	145.2	100.3	150.2	387.1	146.5	6.038	6.073	0.611	5018.11	4590.29	485.15	4313.04	455.85	0	0	1322.94	1407.98
29/09/05	10:58:00	1336.8	97.8	757.1	87.9	324.3	227.1	143.1	100.6	149.4	385.7	144.4	6.066	6.073	0.615	4178.49	4590.29	488.44	4313.04	458.94	0	0	1322.94	1407.98
29/09/05	10:59:00	1336	97.7	757.1	87.7	326.4	226.2	141.7	100.1	148.1	385.7	142.6	6.047	6.073	0.62	5857.73	4590.29	491.6	4313.04	461.91	0	0	1322.94	1407.98
29/09/05	11:00:00	BS&W showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.																						
29/09/05	11:00:00	Draeger (Petrolab) showed 13.5% CO2 by volume and 3 ppm H2S.																						
29/09/05	11:00:00	1336.2	97.6	757.1	87.6	330.9	227.1	141.1	100.9	146.9	385.7	141.9	6.083	6.07	0.624	4599.94	4574.86	494.79	4298.54	464.91	0	0	1326.78	1412.07
29/09/05	11:01:00	1335.6	97.5	756.3	87.5	332.5	226.8	141.5	100.4	146.2	384.7	142.1	6.061	6.07	0.628	4725.39	4574.86	498.07	4298.54	467.99	0	0	1326.78	1412.07
29/09/05	11:02:00	1335.2	97.4	757.1	87.4	335.8	226.9	142.3	100.6	146.1	384.9	142.9	6.066	6.07	0.632	4558.12	4574.86	501.24	4298.54	470.97	0	0	1326.78	1412.07
29/09/05	11:03:00	1335.2	97.3	756.9	87.4	338.7	226.3	143.7	100.3	146.6	385.1	144.3	6.041	6.07	0.636	4586	4574.86	504.42	4298.54	473.96	0	0	1326.78	1412.07
29/09/05	11:04:00	1335.8	97.2	756.5	87.5	342.3	227.1	145.2	100.9	147.7	386.1	145.8	6.061	6.07	0.641	4669.58	4574.86	507.67	4298.54	477	0	0	1326.78	1412.07
29/09/05	11:05:00	1336.2	97	757.1	87.7	345.2	227.3	146.7	100.4	149	385.5	147.5	6.04	6.054	0.645	4586.05	4625.03	510.85	4345.67	480	0	0	1308.93	1393.07
29/09/05	11:06:00	1336.4	96.9	759.8	88.1	348.1	229.2	148.5	101.6	150.5	388.5	149.2	6.09	6.054	0.649	4432.67	4625.03	513.93	4345.67	482.89	0	0	1308.93	1393.07
29/09/05	11:07:00	1336.4	96.8	757.8	88.5	350.5	227.8	149.7	100.9	152	385.7	150.8	6.043	6.054	0.653	4864.78	4625.03	517.31	4345.67	486.06	0	0	1308.93	1393.07
29/09/05	11:08:00	1335.8	96.6	760.6	88.8	353.8	230.6	149.8	101.9	153.2	389.2	151.3	6.109	6.054	0.658	4362.97	4625.03	520.34	4345.67	488.91	0	0	1308.93	1393.07
29/09/05	11:09:00	1335.2	96.5	758	89.1	357.5	227	148.7	100.5	153.6	386.3	150.3	6.028	6.054	0.662	4739.33	4625.03	523.63	4345.67	492	0	0	1308.93	1393.07
29/09/05	11:10:00	1333.9	96.4	758.6	89.1	360.3	229	146.9	101.2	153	388.1	148.4	6.086	6.071	0.666	4376.85	4555.32	526.67	4280.18	494.86	0	0	1332.74	1418.42
29/09/05	11:11:00	1333.9	96.3	758.2	88.8	362	226.6	145.5	100.2	152	386.7	146.7	6.032	6.071	0.67	4906.6	4555.32	530.08	4280.18	498.06	0	0	1332.74	1418.42
29/09/05	11:12:00	1333.7	96.2	754.9	88.5	364.4	224.2	144.8	99.5	151	383.2	145.9	5.983	6.071	0.674	4920.59	4555.32	533.49	4280.18	501.27	0	0	1332.74	1418.42
29/09/05	11:13:00	1333.3	96.1	757.1	88.4	368.1	227.1	145.1	100.2	150.2	385.5	145.8	6.039	6.071	0.678	4153.88	4555.32	536.38	4280.18	503.98	0	0	1332.74	1418.42
29/09/05	11:14:00	1333.1	96	755.7	88.6	371	225.4	145.8	100	150	384.5	146.5	6.007	6.071	0.683	4906.6	4555.32	539.79	4280.18	507.18	0	0	1332.74	1418.42
29/09/05	11:15:00	BS&W showed 100% oil and trace of water.																						
29/09/05	11:15:00	1333.1	96	758.2	88.8	374.6	228.1	146.9	101.3	150.3	386.9	147.6	6.075	6.027	0.687	4307.21	4638.98	542.78	4358.78	509.99	0	0	1299.28	1382.8
29/09/05	11:16:00	1333.3	95.9	755.9	88.9	376.7	224.4	148.5	99.3	151.2	385.3	149.3	5.96	6.027	0.691	4948.36	4638.98	546.21	4358.78	513.22	0	0	1299.28	1382.8
29/09/05	11:17:00	1333.3	95.9	759.6	89.2	379.5	229.8	150.3	102	152.4	388.1	151.3	6.1	6.027	0.695	4209.69	4638.98	549.14	4358.78	515.97	0	0	1299.28	1382.8
29/09/05	11:18:00	1332.3	95.9	758.2	89.6	382	229.3	151.8	101.2	154.3	388.1	153	6.06	6.027	0.699	4586	4638.98	552.32	4358.78	518.96	0	0	1299.28	1382.8
29/09/05	11:19:00	1331.7	95.8	760.4	90	385.7	229.8	151.5	101.8	155.4	387.9	153	6.087	6.027	0.704	4572.06	4638.98	555.5	4358.78	521.94	0	0	1299.28	1382.8
29/09/05	11:20:00	1330.7	95.8	758.4	90.2	387.3	228.2	149.8	100.9	155.4	387.7	151.5	6.049	6.051	0.708	4558.12	4574.85	558.66	4298.52	524.92	0	0	1322.72	1407.75
29/09/05	11:21:00	1330	95.8	756.5	90.1	390.6	226.8	147.3	100.2	154.4	384.9	148.9	6.024	6.051	0.712	4697.51	4574.85	561.92	4298.52	527.98	0	0	1322.72	1407.75
29/09/05	11:22:00	1329.4	95.8	754.7	90	393.5	226.5	145.2	100.2	152.8	384.5	146.5	6.033	6.051	0.716	4613.88	4574.85	565.13	4298.52	530.99	0	0	1322.72	1407.75
29/09/05	11:23:00	1329.4	95.7	754.7	89.8	397.1	224.9	144.1	99.8	151.2	383.8	145	6.005	6.051	0.72	4739.27	4574.85	568.42	4298.52	534.09	0	0	1322.72	1407.75
29/09/05	11:24:00	1329.2	95.7	755.1	89.8	398.8	226	143.9	99.7	149.9	384.5	144.5	6.018	6.051	0.725	4599.99	4574.85	571.61	4298.52	537.09	0	0	1322.72	1407.75
29/09/05	11:25:00	1329.6	95.8	755.5	89.8	401.2	227.3	144.5	100.9	149.1	384.9	145	6.068	6.019	0.729	2509.06	4583.08	574.62	4306.26	539.92	0	0	1313.38	1397.81
29/09/05	11:26:00	1329.2	95.8	754.7	89.9	403.7	224.8	145.5	99.7	149.1	384.7	146.1	5.992	6.019	0.733	5854.46	4583.08	577.92	4306.26	543.01	0	0	1313.38	1397.81
29/09/05	11:27:00	1329.6	95.8	754.9	90.1	406.9	226	146.7	100.3	149.7	383.4	147.3	6.02	6.019	0.737	4181.76	4583.08	581.05	4306.26	545.96	0	0	1313.38	1397.81
29/09/05	11:28:00	1329.8	95.8	755.5	90.3	408.6	226.1	147.2	100.1	150.6	385.1	147.9	6.013	6.019	0.741	5018.11	4583.08	584.12	4306.26	548.84	0	0	1313.38	1397.81
29/09/05	11:29:00	1329.8	95.8	755.7	90.4	411.8	226.2	146.6	100	150.9	385.3	147.6	6.014	6.019	0.746	3345.41	4583.08	587.38	4306.26	551.9	0	0	1313.38	1397.81
29/09/05	11:30:00	BS&W showed 100% oil and trace of water.																						
29/09/05	11:30:00	1329	95.8	754.5	90.4	414.7	225.5	145.3	99.7	150.7	383.6	146.4	6.002	6.013	0.75	5021.38	4611.09	590.63	4332.58	554.96	0	0	1304.09	1387.92
29/09/05	11:31:00	1329	95.7	753.3	90.3	417.6	224.9	143.8	100	149.9	383.6	144.7	6.014	6.013	0.754	4181.76	4611.09	593.83	4332.58	557.96	0	0	1304.09	1387.92
29/09/05	11:32:00	1329	95.7	754.5	90.1	420	225.2	142.9	99.5	148.9	383	143.7	6.007	6.013	0.758	5854.46	4611.09	597.09	4332.58	561.03	0	0	1304.09	1387.92
29/09/05	11:33:00	1329.4	95.7	752.8	90	423.7	225.1	142.8	99.9	148.1	383	143.5	6.016	6.013	0.762	3345.41	4611.09	600.33	4332.58	564.07	0	0	1304.09	1387.92
29/09/05	11:34:00	1329.4	95.5	752.8	90	424.5	224.3	143.5	99.3	147.7	381.6	144.1	5.986	6.013	0.766	5018.11	4611.09	603.58	4332.58	567.12	0	0	1304.09	1387.92
29/09/05	11:35:00	1330	95.5	754.3	90.1	427.8	225.9	144.6	100.2	147.8	383.8	145.1	6.027	5.998	0.771	3345.41	4625.02	606.69	4345.66	570.05	0	0	1296.85	1380.21
29/09/05	11:36:00	1329.8	95.4	752.6	90.2	430.7	224.1	146.1	99.3	148.6	382	146.7	5.97	5.998	0.775	5018.11	4625.02	610	4345.66	573.16	0	0	1296.85	1380.21
29/09/05	11:37:00	1329.6	95.3	754.7	90.6	433.5	226	147.3	100.3	149.7	384.5	148.1	6.016	5.998	0.779	4185.03	4625.02	613.02	4345.66	576	0	0	1296.85	1380.21
29/09/05	11:38:00	1329.4	95.3	753.5	90.8	435.1	226.6	147.9	100.5	150.8	383.8	149	6.026	5.998	0.783	3345.41	4625.02	616.13	4345.66	578.92	0	0	1296.85	1380.21
29/09/05	11:39:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	11:39:00	1328.4	95.2	752.2	90.9	357.1	224.4	147.5	99.3	151.5	382.4	148.7	5.966	5.998	0.787	5018.11	4625.02	619.45	4345.66	582.04	0	0	1296.85	1380.21
29/09/05	11:40:00	1328.8	95.2	752.8	91	265.9	225.1	145.9	99.5	151.4	382.6	147.2	5.989	5.989	0.791	4181.76	4563.71	622.54	4288.06	584.94	0	0	1312.38	1396.75
29/09/05	11:41:00	1327.4	95.2	749.8	90.7	269.6	222.3	143.5	98.3	150.3	380.4	144.7	5.929	5.989	0.795	4181.76	4563.71	625.93	4288.06	588.12	0	0	1312.38	1396.75
29/09/05	11:42:00	1325.1	95	750.4	90.5	273.2	222.9	141.6	98.4	148.6	381.2	142.5	5.951	5.989	0.8	5851.2	4563.71	628.87	4288.06	590.89	0	0	1312.38	1396.75
29/09/05	11:43:00	1324.3	95	749	90.2	276.9	222.7	140.6	98.9	147.1	378.5	141.2	5.97	5.989	0.804	4185.03	4563.71	632.22	4288.06	594.03	0	0	1312.38	1396.75
29/09/05	11:44:00	Raised 2.75" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.																						
29/09/05	11:44:00	1327.6	95.1	703.2	90	279	219.6	140.5	97.2	146	375.9	141.1	0	5.989	0.804	4808.97	4563.71	635.56	4288.06	597.17	0	0	1312.38	1396.75
29/09/05	11:45:00	Closed ICV.																						
29/09/05	11:45:00	1470.3	95	12.2	89.9	287.1	10.8	127.5	0	142.7	12	141.3	0	3.576	0.804	1310.39	4011.71	636.47	3769.41	598.03	0	0	891.47	948.77
29/09/05	11:46:00	1502.6	94.6	1.4	89.4	285.9	0.3	124.5	0	140.4	1.4	141.6	0	3.576	0.804	0	4011.71	636.47	3769.41	598.03	0	0	891.47	948.77
29/09/05	11:47:00	1495.6	94.1	1.4	88.8	274.1	0.2	123.3	0	138.9	1.4	142.5	0	3.576	0.804	0	4011.71	636.47	3769.41	598.03	0	0	891.47	948.77
29/09/05	11:48:00	1489.7	93.6	0.9	88.1	259.3	0.3	121.5	0	138.2	1.6	143.8	0	3.576	0.804	0	4011.71	636.47	3769.41	598.03	0	0	891.47	948.77
29/09/05	11:49:00	Re-opened ICV.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	11:49:00	1486.6	93.5	0.9	87.5	244.6	0.2	119.4	0	137.5	1.4	145	0	3.576	0.804	0	4011.71	636.47	3769.41	598.03	0	0	891.47	948.77
29/09/05	11:50:00	1694.1	93.7	1.2	86.8	262.2	0.1	117	0	136.8	1.4	146	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:51:00	1971.1	93.6	0.9	86.1	293.3	0.2	114.5	0	136.3	1.8	146.4	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:52:00	1995.7	93.5	0.9	85.3	296.1	0	112	0	135.8	1.6	145.9	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:53:00	1985.2	93.1	0.9	84.8	288.4	0	109.6	0	135.4	1.4	145	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:54:00	1975	92.6	0.9	84.2	275.7	0	107.4	0	134.9	1.4	144.5	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:55:00	Closed ICV.																						
29/09/05	11:55:00	1970.3	92	0.9	83.8	261.8	0	105.5	0	134.5	1.4	144.2	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:56:00	1967.5	91.4	0.9	83.4	247.9	0	103.6	0	134	1.4	142.4	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:57:00	1973.4	90.7	1.2	83.1	232.8	0	101.7	0	133.3	1.4	139.8	0	0	0.804	0	0	636.47	0	598.03	0	0		
29/09/05	11:58:00	1970.1	90.1	1.2	82.8	217.6	0	99.8	0	132.6	1.4	137	0	0	0	0	0	0	0	0	0	0		
29/09/05	11:59:00	Opened LV.																						
29/09/05	11:59:00	1966	89.7	0.9	82.5	204.6	0	98	0	131.9	1.4	134.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:00:00	Opened well (lower zone) on 16/64" adjustable choke to test separator and port flare boom.																						
29/09/05	12:00:00	2042.1	89.4	1.2	82.2	197.6	0	96.4	0	131.1	1.4	131.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:01:00	Gradually increased to 24/64 adjustable choke.																						
29/09/05	12:01:00	2073.4	89.3	57.8	81.8	190.7	0	94.8	0	130.6	1.4	128.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:02:00	2043.7	89.3	238.3	84.2	179.6	52.5	119.7	0	131.5	100.7	156.5	0	0	0	543.63	0	0.38	0	0.35	0	0		
29/09/05	12:03:00	Gradually increased to 28/64 adjustable choke.																						
29/09/05	12:03:00	2002.4	89.1	272	94.9	168.6	124.8	148.2	0	133.3	162.4	196	0	0	0	1268.36	0	1.26	0	1.18	0	0		
29/09/05	12:04:00	1975.4	88.1	322.7	102.5	158.4	147.5	166	0.5	135.6	167.8	218.8	0	0	0	724.95	0	1.76	0	1.66	0	0		
29/09/05	12:05:00	1974.6	86.1	397.1	108.5	151	97.9	174.3	0	139.2	190	229.8	0	0	0	362.42	579.87	2.01	544.85	1.89	0	0	0	0
29/09/05	12:06:00	Gradually increased to 32/64 adjustable choke.																						
29/09/05	12:06:00	1981	84.2	387.9	111.4	145.3	104.5	184.7	0	152.6	194.3	230.2	0	0	0	0	579.87	0	544.85	0	0	0	0	0
29/09/05	12:07:00	1985.2	82.6	390.6	112.2	141.6	105	188	0	173.5	193.7	225.2	0	0	0	0	579.87	0	544.85	0	0	0	0	0
29/09/05	12:08:00	1970.5	81.8	520.2	111.8	137.5	149.4	189	0	189.9	266.3	218.8	0	0	0	0	579.87	0	544.85	0	0	0	0	0
29/09/05	12:09:00	1958.7	81.8	516.5	111	135	164.9	189.4	0	198.7	271.6	212.3	0	0	0	0	579.87	0	544.85	0	0	0	0	0
29/09/05	12:10:00	1951.5	82.2	520.8	110.5	133.4	162.5	187.2	0	200.3	268.5	205.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:11:00	Gradually increased to 36/64 adjustable choke.																						
29/09/05	12:11:00	1939.9	82.8	569.9	109.8	131	170.1	182.8	0	200.7	288	196.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:12:00	1914.1	83.4	649.2	108.5	131	198.3	176.7	0	199.1	333.6	185.7	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:13:00	1903.5	84.2	644.9	106.7	132.2	195.6	167.5	0	193.4	329.3	173.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:14:00	Gradually increased to 40/64 adjustable choke.																						
29/09/05	12:14:00	1901.4	85.1	642.5	104.5	134.6	190.7	159	0	184.8	326	163	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:15:00	1894.5	86.1	716.9	102.5	135.9	208.2	152.7	0	175.6	360.1	154.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:16:00	1878.5	87	785.3	101.3	140.4	230	149.6	0	166.3	399	149.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:17:00	1878.5	87.8	783.7	100.8	147.3	232.5	148.5	0	159.5	399.6	148.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:18:00	1887.1	88.7	786.2	100.9	153.9	233.2	149.7	0	156.5	400.6	149.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:19:00	1897.5	89.5	792.3	101.4	161.2	233.9	152	0.6	156.2	401.8	152.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:20:00	1906.1	90.3	797.2	102.2	168.6	238.4	155.3	0	157.5	405.1	155.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:21:00	1919.2	91	803.9	103	175.9	239.6	158.5	0.2	160.2	410.6	159	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:22:00	Gradually increased to 44/64 adjustable choke.																						
29/09/05	12:22:00	1928.2	91.7	843.8	103.2	184.1	247.2	160.1	0	162.9	426.6	161.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:23:00	1919.4	92.2	956.9	103.1	190.7	279	159.9	0.6	164.4	487.1	160.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:24:00	1913.9	92.6	953	102.5	197.2	283.1	155.1	0.7	162.9	486.7	156.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:25:00	1923.5	93.1	957.3	102	204.1	282.3	151.2	0	159.9	487.7	152.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:26:00	1948.2	93.7	967.3	101.7	212.7	270.4	148.4	0	156.5	489.9	149.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:27:00	Gradually increased to 48/64 adjustable choke.																						
29/09/05	12:27:00	1959.7	94.2	977.1	101.5	222.5	301.4	147.9	0	153.9	495.1	147	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:28:00	1952.1	94.8	1135.9	101.5	232.4	321.8	146.5	0	151.7	580.5	145.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:29:00	1967.1	95.2	972.8	101.8	240.9	268.9	146.8	0	150.5	470.7	145.2	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:30:00	Diverted flow through 48/64" fixed choke.																						
29/09/05	12:30:00	1971.1	95.3	1024.1	101.9	251.2	261.3	143.1	0	149.6	488.5	146	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:31:00	1945.6	95.9	1089.5	102.5	261.4	307.8	147.9	0	150.3	556	147	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:32:00	1871	96.2	1053.6	103.1	273.2	352.7	148.6	0	150.8	555.8	147.8	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:33:00	1828	95.7	988.8	102.9	283.1	254.3	144.6	0	151	489.7	147.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:34:00	1907	95.8	985.3	102.1	296.1	154.5	138.4	0	148.6	438	144.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:35:00	1960.5	98	1167.8	101.7	310	219.5	141.1	0	145.7	619.3	142.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:36:00	1960.7	99	1068.9	101.6	321.1	326.5	143.8	0	146.5	546.6	142.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:37:00	1961.3	99	1091.4	101.3	331.3	314.6	143.1	0	146.3	555.6	142.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:38:00	1964.6	99	1080.5	101.2	342.8	315.7	142.1	0	145.6	547.6	141.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:39:00	1962.3	99	1072.2	101.1	352.6	303.6	141	0.2	144.7	542.9	140.9	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:40:00	1964.4	99	1074.4	100.9	362.4	284.7	140.6	0	143.6	532.3	140.5	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:41:00	1963.2	99	1069.5	100.9	372.2	255.4	139.1	0	142.8	519.2	140.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:42:00	1960.1	99.1	1070.1	101.1	382.4	258.6	137.7	0	141.4	523.3	139	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:43:00	1958.1	99.3	1067.5	100.7	393	258.7	135.7	0.2	139.7	519.6	137.3	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:44:00	1955.2	99.3	1067.9	100.3	403.3	259.6	134	0	137.7	523.3	135.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:45:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced gas 0.786. SG of produced oil 0.832 at 60 d																						
29/09/05	12:45:00	1954	99.5	1067.3	99.9	411	258.6	132.9	0	136.1	522.2	134.1	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:46:00	1952.7	99.7	1065.2	99.5	421.7	260.5	132.3	0	135.1	521.8	133.5	0	0	0	0	0	0	0	0	0	0		

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	12:47:00	1952.3	100	1063.8	99.2	430.7	259.5	132.6	0	134.7	525.3	133.4	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:48:00	1952.5	100.3	1066	99	440.5	256.6	133.2	0	134.9	521	134	0	0	0	0	0	0	0	0	0	0		
29/09/05	12:49:00	Installed 3.25" orifice plate into gas meter run.																						
29/09/05	12:49:00	1952.7	100.4	1065.2	99.2	450.7	260.3	134.2	104.5	135.6	523.7	134.8	9.954	0	0.007	0	0	0	0	0	0	0		
29/09/05	12:50:00	1952.5	100.5	1067.3	99.1	458.9	263.4	135.1	105.7	136.3	525.3	135.7	10.059	4.003	0.014	0	0	0	0	0	0	0		
29/09/05	12:51:00	Diverted flow through 3" oil meter.																						
29/09/05	12:51:00	1951.7	100.6	1067.7	98.9	467.5	262	135.3	104.6	136.9	523.3	136.2	9.978	4.003	0.021	416.45	0	0.29	0	0.27	0	0		
29/09/05	12:52:00	1950.9	100.5	1066.4	98.8	477.3	262.4	134.2	104.7	136.7	521.6	135.5	9.999	4.003	0.028	5094.55	0	3.83	0	3.6	0	0		
29/09/05	12:53:00	1951.3	100.5	1065.8	98.4	445.8	260.3	132.2	103.8	135.4	521	133.9	9.939	4.003	0.035	5580.4	0	7.7	0	7.24	0	0		
29/09/05	12:54:00	1951.3	100.4	1065.6	97.8	237.7	262.9	130.2	104.3	133.6	523.3	132	10.031	4.003	0.042	5386.06	0	11.44	0	10.75	0	0		
29/09/05	12:55:00	1949.7	100.3	1063.8	97.3	252	258.3	129	103.1	131.9	520.2	130.6	9.899	9.969	0.049	5885.8	4472.65	15.53	4202.5	14.59	0	0	2228.95	2372.23
29/09/05	12:56:00	1949.5	100.3	1061.7	96.9	262.2	260.5	129	103.7	131	520.8	130.1	9.967	9.969	0.055	5094.44	4472.65	19.07	4202.5	17.92	0	0	2228.95	2372.23
29/09/05	12:57:00	1949.1	100.1	1061.5	96.5	271.2	260.5	129.7	103.6	131	520	130.5	9.956	9.969	0.062	5677.57	4472.65	23.01	4202.5	21.62	0	0	2228.95	2372.23
29/09/05	12:58:00	1949.1	100	1063.8	96.3	280.2	262.7	130.7	104.8	131.7	523.1	131.6	10.046	9.969	0.069	5538.87	4472.65	26.86	4202.5	25.23	0	0	2228.95	2372.23
29/09/05	12:59:00	1948.4	99.8	1063.2	96.1	287.1	261.2	132	103.8	132.7	523.1	132.8	9.956	9.969	0.076	5247.24	4472.65	30.5	4202.5	28.66	0	0	2228.95	2372.23
29/09/05	13:00:00	BS&W at choke manifold showed 99% oil and 1% water. Draeger (Petrolab) showed 4% CO2 by volume and 1.7 ppm H2S																						
29/09/05	3:15:00	BS&W at choke manifold showed 99% oil and 1% water.																						
29/09/05	13:00:00	1947.8	99.6	1062.6	95.9	297.4	260.7	132.6	103.7	133.6	521.6	133.6	9.938	9.973	0.083	5483.23	5408.27	34.31	5081.61	32.24	0	0	1843.96	1962.49
29/09/05	13:01:00	1945.8	99.4	1061.9	95.7	305.1	262.5	131.7	104.9	133.7	521.2	133.2	10.037	9.973	0.09	5566.52	5408.27	38.17	5081.61	35.87	0	0	1843.96	1962.49
29/09/05	13:02:00	1944	99.3	1058.5	95.2	314.1	259	129.7	102.7	132.8	519.8	131.6	9.882	9.973	0.097	5622.05	5408.27	42.08	5081.61	39.54	0	0	1843.96	1962.49
29/09/05	13:03:00	1942.3	99.1	1058.7	94.6	321.9	260	127.6	103.8	131.2	519.4	129.4	9.976	9.973	0.104	5191.72	5408.27	45.68	5081.61	42.92	0	0	1843.96	1962.49
29/09/05	13:04:00	1940.7	99	1056.6	94.2	330.5	258.7	126.6	103.4	129.6	518.6	128.1	9.942	9.973	0.111	5663.69	5408.27	49.62	5081.61	46.62	0	0	1843.96	1962.49
29/09/05	13:05:00	1940.1	98.9	1056.6	93.7	338.3	257.4	126.7	102.9	128.9	517.5	127.7	9.895	9.947	0.118	5483.12	5505.42	53.42	5172.89	50.2	0	0	1806.72	1922.86
29/09/05	13:06:00	1939	98.7	1058.1	93.5	346.4	259.7	127.5	103.8	129	518.2	128.2	9.973	9.947	0.125	5455.47	5505.42	57.21	5172.89	53.76	0	0	1806.72	1922.86
29/09/05	13:07:00	1937.4	98.7	1056.8	93.4	353	258.8	128.7	102.3	129.8	518.2	129.3	9.871	9.947	0.131	5413.93	5505.42	60.97	5172.89	57.29	0	0	1806.72	1922.86
29/09/05	13:08:00	1936.8	98.7	1058.1	93.3	362.4	260.4	129.9	103.2	130.8	519	130.4	9.934	9.947	0.138	5538.76	5505.42	64.82	5172.89	60.9	0	0	1806.72	1922.86
29/09/05	13:09:00	1935.6	98.7	1058.1	93.2	368.1	258.6	130.6	101.9	131.8	518.6	131.3	9.83	9.947	0.145	5413.82	5505.42	68.58	5172.89	64.44	0	0	1806.72	1922.86
29/09/05	13:10:00	1935.2	98.7	1055.8	93.1	320.7	260	130.2	100.2	132.3	517.5	131.4	9.78	9.877	0.152	5649.81	5494.36	72.5	5162.5	68.12	0	0	1797.73	1913.29
29/09/05	13:11:00	1933.3	98.5	1055.6	92.9	293.7	259.5	129.2	100.2	131.8	518.2	130.6	9.781	9.877	0.159	5330.43	5494.36	76.2	5162.5	71.6	0	0	1797.73	1913.29
29/09/05	13:12:00	1932.1	98.5	1052.9	92.7	300.6	256.6	127.4	99.2	130.6	514.5	129.2	9.693	9.877	0.166	5566.52	5494.36	80.07	5162.5	75.23	0	0	1797.73	1913.29
29/09/05	13:13:00	1930.9	98.3	1052.7	92.4	308.8	257.6	126.2	101.6	129.2	516.3	127.8	9.84	9.877	0.172	5386.17	5494.36	83.81	5162.5	78.75	0	0	1797.73	1913.29
29/09/05	13:14:00	1931.3	98.3	1053.4	92.1	315.8	257.2	125.6	97.8	128	515.7	127.1	9.655	9.877	0.179	5566.52	5494.36	87.68	5162.5	82.38	0	0	1797.73	1913.29
29/09/05	13:15:00	1931.1	98.3	1052.1	91.8	323.1	254.1	126	99.2	127.7	514.9	127.2	9.658	9.725	0.186	5705.34	5511	91.64	5178.13	86.1	0	0	1764.73	1878.17
29/09/05	13:16:00	1932.5	98.2	1052.7	91.5	330.1	255.5	126.9	97.2	128.1	515.1	128.1	9.581	9.725	0.192	5552.64	5511	95.49	5178.13	89.73	0	0	1764.73	1878.17
29/09/05	13:17:00	1933.7	98.1	1057	91.5	338.3	259.2	127.8	100.9	128.9	517.7	129	9.821	9.725	0.199	5122.31	5511	99.05	5178.13	93.07	0	0	1764.73	1878.17
29/09/05	13:18:00	Raised 3.25" orifice plate from separator gas run due to oil carry over into gas line.																						
29/09/05	13:18:00	1935.2	98	1057.2	91.4	346.4	259.2	128.3	69.3	129.7	519.2	129.8	0	9.725	0.199	5580.29	5511	102.93	5178.13	96.71	0	0	1764.73	1878.17
29/09/05	13:19:00	1936	97.9	1055	91.4	352.6	255.4	128.7	10.8	130.3	517.1	130.2	0	9.725	0.199	5733.21	5511	106.91	5178.13	100.45	0	0	1764.73	1878.17
29/09/05	13:20:00	1937.6	97.8	1056.2	91.7	360.7	253.7	128.4	0	130.4	516.1	130.5	0	3.88	0.199	5399.94	5477.68	110.66	5146.83	103.97	0	0	708.4	753.93
29/09/05	13:21:00	1938.4	97.9	1055.4	92.3	368.5	255	127.3	12	129.8	516.9	129.8	0	3.88	0.199	5746.87	5477.68	114.65	5146.83	107.72	0	0	708.4	753.93
29/09/05	13:22:00	1939	98	1056.4	92.5	374.2	253	125.4	0	128.4	516.5	128.1	0	3.88	0.199	5427.81	5477.68	118.42	5146.83	111.27	0	0	708.4	753.93
29/09/05	13:23:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	13:23:00	1940.9	98.1	1055	92.5	381.6	251.9	124	7.5	126.7	515.3	126.2	0	3.88	0.199	5608.17	5477.68	122.31	5146.83	114.92	0	0	708.4	753.93
29/09/05	13:24:00	1944.2	98.1	1058.1	92.3	265.1	250.9	123.4	3.9	125.6	516.1	125.3	0	3.88	0.199	5635.93	5477.68	126.23	5146.83	118.6	0	0	708.4	753.93
29/09/05	13:25:00	1948	98.2	1060.7	92	238.5	254.2	123.6	0	125.3	519.2	125	0	0	0.199	5524.88	5588.73	130.06	5251.17	122.21	0	0	0	0
29/09/05	13:26:00	1950.5	98.3	1061.1	91.8	244.6	253.4	124.4	18.7	125.5	520.2	125.6	0	0	0.199	5649.81	5588.73	133.99	5251.17	125.89	0	0	0	0
29/09/05	13:27:00	1954.8	98.4	1062.8	91.9	251.6	252.8	125.4	0	126.5	519.6	126.8	0	0	0.199	6093.91	5588.73	138.22	5251.17	129.87	0	0	0	0
29/09/05	13:28:00	1958.7	98.4	1067.5	92	258.9	256.6	126.8	0	127.5	523.1	127.9	0	0	0.199	5122.42	5588.73	141.78	5251.17	133.21	0	0	0	0
29/09/05	13:29:00	1962.3	98.4	1071.8	92.1	267.1	271.4	127.9	0	128.7	529.6	129	0	0	0.199	4830.8	5588.73	145.13	5251.17	136.36	0	0	0	0
29/09/05	13:30:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced oil 0.829 at 60 degF.																						
29/09/05	13:30:00	1965.8	98.5	1097.1	92.3	272	367.9	131.8	0	130.6	583.2	130.5	0	0	0.199	5275.01	5394.39	148.79	5068.57	139.81	0	0	0	0
29/09/05	13:31:00	Bypassed 3" oil meter.																						
29/09/05	13:31:00	1968.9	98.4	1096.5	92.8	280.2	361	131.6	0	132.8	579.3	131.8	0	0	0.199	2693.03	5394.39	150.66	5068.57	141.56	0	0	0	0
29/09/05	13:32:00	Stopped chemical injection at STT.																						
29/09/05	13:32:00	1970.5	98.4	1100.4	93.3	285.5	366.1	131.1	5.6	132.9	583.2	131.5	0	0	0.199	0	5394.39	150.66	5068.57	141.56	0	0	0	0
29/09/05	13:33:00	1972	98.4	1098.5	93.4	291.6	312.8	129	0	132.4	581.9	130.2	0	0	0.199	0	5394.39	150.66	5068.57	141.56	0	0	0	0
29/09/05	13:34:00	Diverted flow through 3" oil meter.																						
29/09/05	13:34:00	1973.8	98.3	1100	93.4	298.2	4.7	127.3	0	130.9	584	128.4	0	0	0.199	3095.49	5394.39	152.81	5068.57	143.58	0	0	0	0
29/09/05	13:35:00	1975	98.2	1101.4	93.3	303.5	1.6	126.5	0	129.4	584.2	127.3	0	0	0.199	5760.97	2309.9	156.81	2170.38	147.34	0	0	0	0
29/09/05	13:36:00	1977.7	98.1	1103.2	93.2	310.4	188.2	126.4	0	128.7	584.8	127	0	0	0.199	5760.86	2309.9	160.81	2170.38	151.1	0	0	0	0
29/09/05	13:37:00	1980.3	97.9	1105.1	93.4	315.8	38.5	126.8	0	128.5	588.3	127.4	0	0	0.199	5497.01	2309.9	164.63	2170.38	154.69	0	0	0	0
29/09/05	13:38:00	1982.8	97.9	1108.8	93.5	322.7	372.9	127.6	0	128.9	589.7	127.9	0	0	0.199	5150.18	2309.9	168.21	2170.38	158.05	0	0	0	0
29/09/05	13:39:00	Installed 3.25" orifice plate into gas meter run.																						
29/09/05	13:39:00	1984.8	97.8	1107.9	93.4	328	374.9	128.7	73.3	129.6	591.1	128.7	10.099	0	0.206	5608.17	2309.9	172.1	2170.38	161.71	0	0	0	0
29/09/05	13:40:00	1987.3	97.7	1112.6	93.4	333.3	380.2	129.8	74.5	130.6	596.2	129.6	10.242	4.068	0.213	5302.66	5463.78	175.79	5133.76	165.17	0	0	744.6	792.46
29/09/05	13:41:00	1988.9	97.7	1113.3	93.3	340.3	381.1	130.7	72.2	131.7	597.3	130.6	10.085	4.068	0.22	4789.15	5463.78	179.11	5133.76	168.29	0	0	744.6	792.46
29/09/05	13:42:00	1990.2	97.6	1113.5	93.1	346.4	378.4	130.6	73.4	132.4	595.2	130.7	10.133	4.068	0.227	6052.49	5463.78	183.31	5133.76	172.24	0	0	744.6	792.46
29/09/05	13:43:00	1989.9	97.5	1112.8	92.8	351.3	377.5	128.9	74	131.8	594.4	129.6	10.182	4.068	0.234	5968.98	5463.78	187.46	5133.76	176.14	0	0	744.6	792.46
29/09/05	13:44:00	1990.4	97.4	1112.2	92.6	357.5	377.4	126.7	74.1	130.4	593.8	127.6	10.207	4.068	0.242	5830.27	5463.78	191.51	5133.76	179.94	0	0	744.6	792.46
29/09/05	13:45:00	BSW at separator oil line showed 100% oil.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	13:45:00	1989.7	97.3	1110.6	92.3	361.6	378.4	124.9	74.2	128.5	593.8	125.5	10.254	10.172	0.249	5538.87	5635.95	195.35	5295.54	183.56	0	0	1804.87	1920.89
29/09/05	13:46:00	1991.4	97.3	1112	91.8	368.5	378.4	123.6	74.3	126.8	593.4	123.9	10.268	10.172	0.256	5677.47	5635.95	199.3	5295.54	187.26	0	0	1804.87	1920.89
29/09/05	13:47:00	Diverted flow through surge tank for combine meter and shrinkage factor.																						
29/09/05	13:47:00	1991.8	97.2	1112.2	91.4	373.4	378.5	123.1	74.1	125.6	594.8	123.1	10.266	10.172	0.263	5594.39	5635.95	203.18	5295.54	190.91	0	0	1804.87	1920.89
29/09/05	13:48:00	1993.4	97.2	1112.6	91	380	377.9	123.2	74.2	125	594.8	122.9	10.264	10.172	0.27	5663.69	5635.95	207.12	5295.54	194.61	0	0	1804.87	1920.89
29/09/05	13:49:00	1994.9	97.2	1114.5	90.9	385.3	380.5	124	74.5	125.1	595.8	123.6	10.31	10.172	0.277	5622.05	5635.95	211.02	5295.54	198.27	0	0	1804.87	1920.89
29/09/05	13:50:00	1996.1	97.1	1114.9	91	390.2	382.1	125	75	125.7	597.3	124.5	10.357	10.293	0.284	5608.06	5633.13	214.91	5292.89	201.93	0	0	1827.22	1944.68
29/09/05	13:51:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.																						
29/09/05	13:51:00	Obtained meter factor 0.964 and shrinkage factor 6.04%.																						
29/09/05	13:51:00	1997.1	97.1	1115.3	91	395.9	381.3	125.8	74.6	126.5	596	125.3	10.311	10.293	0.292	5511.1	5633.13	218.74	5292.89	205.53	0	0	1827.22	1944.68
29/09/05	13:52:00	1997.5	97.1	1116.1	91	401.6	382.9	125.4	75	126.8	598.7	125.3	10.365	10.293	0.299	5427.71	5633.13	222.51	5292.89	209.07	0	0	1827.22	1944.68
29/09/05	13:53:00	1997.9	97.1	1116.1	91.2	406.9	383	124.4	75.1	126.4	598.7	124.7	10.38	10.293	0.306	5511	5633.13	226.34	5292.89	212.67	0	0	1827.22	1944.68
29/09/05	13:54:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	13:54:00	1997.5	97.2	1113.3	91.2	411.4	382.2	122.7	75.2	125.3	596.9	123.2	10.398	10.293	0.313	5538.76	5633.13	230.18	5292.89	216.28	0	0	1827.22	1944.68
29/09/05	13:55:00	1998.7	97.3	1115.1	91.1	236.9	382.1	121.8	75	124.1	597.5	122.1	10.395	10.37	0.32	5455.47	5488.81	233.97	5157.28	219.84	0	0	1889.25	2010.69
29/09/05	13:56:00	1998.9	97.3	1116.3	90.9	250.8	383.5	121.8	75.4	123.5	598.7	121.8	10.436	10.37	0.328	5483.23	5488.81	237.78	5157.28	223.42	0	0	1889.25	2010.69
29/09/05	13:57:00	1999.8	97.2	1116.1	90.6	255.7	382.4	122.5	75.1	123.6	598.1	122.3	10.394	10.37	0.335	5691.46	5488.81	241.73	5157.28	227.13	0	0	1889.25	2010.69
29/09/05	13:58:00	2000.6	97.3	1116.9	90.5	261.4	383.7	123.8	75.5	124.3	599.9	123.4	10.423	10.37	0.342	5483.23	5488.81	245.54	5157.28	230.71	0	0	1889.25	2010.69
29/09/05	13:59:00	2001.8	97.3	1118.4	90.6	266.7	385.1	125.3	75.4	125.4	600.3	124.7	10.42	10.37	0.349	5455.47	5488.81	249.33	5157.28	234.27	0	0	1889.25	2010.69
29/09/05	14:00:00	BSW at separator oil line showed 100% oil. Draeger (Petrolab) showed 3% CO2 by volume and 1.7 ppm H2S.																						
29/09/05	14:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.																						
29/09/05	14:00:00	2003.2	97.3	1120.4	90.7	270.8	386.8	126.6	75.8	126.7	600.7	126	10.489	10.432	0.357	5524.77	5527.63	253.17	5193.76	237.87	0	0	1887.33	2008.66
29/09/05	14:01:00	2004.1	97.2	1121.8	90.7	276.9	388.3	127.3	76	127.8	603.2	126.9	10.518	10.432	0.364	5400.05	5527.63	256.92	5193.76	241.4	0	0	1887.33	2008.66
29/09/05	14:02:00	2004.7	97.2	1120	90.7	281	387.3	127.8	75.9	128.7	601.6	127.6	10.493	10.432	0.371	5524.88	5527.63	260.75	5193.76	245	0	0	1887.33	2008.66
29/09/05	14:03:00	2004.5	97.1	1122.5	90.9	287.6	388.8	127.5	76.1	129	603.8	127.5	10.527	10.432	0.379	5399.83	5527.63	264.5	5193.76	248.53	0	0	1887.33	2008.66
29/09/05	14:04:00	2003.9	97.1	1120	90.9	291.2	387.7	126	75.9	128.4	603.2	126.3	10.516	10.432	0.386	5455.47	5527.63	268.29	5193.76	252.09	0	0	1887.33	2008.66
29/09/05	14:05:00	2003.6	97.1	1120	90.5	296.5	386.3	124.2	75.9	127.1	601	124.7	10.518	10.514	0.393	5511.1	5458.27	272.12	5128.59	255.68	0	0	1926.33	2050.16
29/09/05	14:06:00	2004.3	96.9	1120.6	89.9	299.8	389.6	123	76.4	125.8	603.2	123.3	10.609	10.514	0.401	5316.54	5458.27	275.81	5128.59	259.15	0	0	1926.33	2050.16
29/09/05	14:07:00	2004.5	96.9	1119.8	89.4	305.5	387.2	122.5	76.1	124.8	602.2	122.7	10.561	10.514	0.408	5649.92	5458.27	279.73	5128.59	262.84	0	0	1926.33	2050.16
29/09/05	14:08:00	2005.7	96.8	1122	89.1	310.9	387.2	122.8	75.5	124.5	602.2	122.7	10.516	10.514	0.415	5510.89	5458.27	283.56	5128.59	266.43	0	0	1926.33	2050.16
29/09/05	14:09:00	2006.7	96.7	1122.3	89	316.2	388.9	123.9	75.9	124.8	604	123.4	10.557	10.514	0.422	5483.23	5458.27	287.37	5128.59	270.01	0	0	1926.33	2050.16
29/09/05	14:10:00	2007.9	96.8	1123.1	89.1	320.7	390	125.1	76.6	125.6	604.8	124.6	10.608	10.57	0.43	5511.1	5494.34	291.2	5162.48	273.61	0	0	1923.82	2047.49
29/09/05	14:11:00	2008.1	96.7	1123.3	89.3	323.5	390	126.4	76.3	126.7	605	125.8	10.574	10.57	0.437	5455.47	5494.34	294.98	5162.48	277.17	0	0	1923.82	2047.49
29/09/05	14:12:00	2008.8	96.6	1125.1	89.5	328.4	391.7	127.4	76.2	127.8	606.9	127	10.58	10.57	0.445	5372.07	5494.34	298.71	5162.48	280.67	0	0	1923.82	2047.49
29/09/05	14:13:00	2008.8	96.6	1124.7	89.8	333.3	390.9	127.5	76.4	128.6	605.7	127.4	10.578	10.57	0.452	5552.64	5494.34	302.57	5162.48	284.3	0	0	1923.82	2047.49
29/09/05	14:14:00	2007.9	96.6	1124.7	90	338.3	392.2	126.5	76.7	128.5	606.3	126.7	10.626	10.57	0.459	5344.52	5494.34	306.28	5162.48	287.78	0	0	1923.82	2047.49
29/09/05	14:15:00	Produced water properties, pH 7.3, conductivity 100 microSeimens and Potassium 800 mg/L.																						
29/09/05	14:15:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	14:15:00	2006.7	96.5	1122.3	89.9	343.2	389.5	124.7	76.1	127.5	603.4	125.2	10.573	10.586	0.467	5524.88	5449.92	310.12	5120.74	291.39	0	0	1942.41	2067.27
29/09/05	14:16:00	2006.7	96.5	1122.3	89.5	347.7	391.1	123.2	76.8	126.1	604.2	123.6	10.658	10.586	0.474	5372.18	5449.92	313.85	5120.74	294.89	0	0	1942.41	2067.27
29/09/05	14:17:00	2006.3	96.5	1121.4	89.1	351.3	390	122.6	76.2	125	602.8	122.7	10.611	10.586	0.481	5497.11	5449.92	317.67	5120.74	298.48	0	0	1942.41	2067.27
29/09/05	14:18:00	2006.9	96.4	1122.5	88.9	355.4	390.2	122.9	76.1	124.5	604.4	122.7	10.6	10.586	0.489	5469.35	5449.92	321.47	5120.74	302.05	0	0	1942.41	2067.27
29/09/05	14:19:00	2007.5	96.4	1123.9	88.7	360.3	391.6	123.8	76.3	124.8	606.5	123.2	10.623	10.586	0.496	5358.19	5449.92	325.19	5120.74	305.54	0	0	1942.41	2067.27
29/09/05	14:20:00	2008.3	96.4	1122.9	88.6	365.2	390.5	124.9	76.5	125.6	604.6	124.3	10.608	10.62	0.503	5483.23	5436.01	328.99	5107.68	309.12	0	0	1953.65	2079.24
29/09/05	14:21:00	2008.8	96.3	1125.9	88.8	369.3	393.5	126.4	77	126.7	607.7	125.6	10.667	10.62	0.511	5344.52	5436.01	332.71	5107.68	312.61	0	0	1953.65	2079.24
29/09/05	14:22:00	2009.2	96.2	1126.3	88.9	372.6	392.9	127.8	76.4	128	607.1	127	10.599	10.62	0.518	5524.88	5436.01	336.54	5107.68	316.21	0	0	1953.65	2079.24
29/09/05	14:23:00	2009.8	96.2	1125.9	89.2	378.7	393.4	128.9	76.9	129.3	607.1	128.2	10.63	10.62	0.526	5358.19	5436.01	340.26	5107.68	319.71	0	0	1953.65	2079.24
29/09/05	14:24:00	2009.4	96.1	1126.5	89.5	381.2	394.7	129.4	77.2	130.2	608.7	128.8	10.666	10.62	0.533	5344.42	5436.01	343.97	5107.68	323.2	0	0	1953.65	2079.24
29/09/05	14:25:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	14:25:00	2008.6	96.1	1126.1	89.9	386.1	393.8	128.3	77	130.2	607.3	128.4	10.652	10.643	0.54	5455.58	5405.52	347.76	5079.02	326.76	0	0	1968.88	2095.44
29/09/05	14:26:00	2006.9	96.1	1125.3	89.9	311.7	392.5	126.3	76.8	129.2	606.9	126.8	10.643	10.643	0.548	5483.12	5405.52	351.57	5079.02	330.34	0	0	1968.88	2095.44
29/09/05	14:27:00	2006.5	96.2	1122.9	89.7	259.3	391.7	124.5	76.7	127.6	605.7	125	10.646	10.643	0.555	5427.81	5405.52	355.34	5079.02	333.88	0	0	1968.88	2095.44
29/09/05	14:28:00	2006.3	96.2	1124.3	89.1	263.4	391.9	123.7	76.7	126.4	606.5	123.9	10.658	10.643	0.563	5358.3	5405.52	359.06	5079.02	337.37	0	0	1968.88	2095.44
29/09/05	14:29:00	2006.3	96.2	1124.7	88.7	268.7	391.2	123.7	76.3	125.6	604	123.5	10.62	10.643	0.57	5469.35	5405.52	362.86	5079.02	340.94	0	0	1968.88	2095.44
29/09/05	14:30:00	BS&W at choke manifold showed 100% oil and trace of water. Pour point value established 78 degF.																						
29/09/05	14:30:00	2007.3	96.2	1124.3	88.4	273.7	392.1	124.3	76.6	125.6	605.7	123.9	10.644	10.642	0.577	5455.36	5438.79	366.65	5110.29	344.5	0	0	1956.7	2082.48
29/09/05	14:31:00	2007.3	96.2	1125.5	88.3	276.5	393.5	125.3	77	126.2	607.5	124.8	10.678	10.642	0.585	5413.93	5438.79	370.41	5110.29	348.03	0	0	1956.7	2082.48
29/09/05	14:32:00	2008.1	96.2	1125.3	88.3	281	393.3	126.5	77	127	607.5	125.8	10.669	10.642	0.592	5372.18	5438.79	374.14	5110.29	351.54	0	0	1956.7	2082.48
29/09/05	14:33:00	2008.3	96.1	1127.4	88.5	285.5	395.6	127.8	76.9	128.1	608.7	127.1	10.674	10.642	0.6	5385.95	5438.79	377.88	5110.29	355.05	0	0	1956.7	2082.48
29/09/05	14:34:00	2008.3	96.1	1126.5	88.8	287.6	394.6	129.3	76.6	129.5	608.5	128.5	10.623	10.642	0.607	5427.81	5438.79	381.65	5110.29	358.6	0	0	1956.7	2082.48
29/09/05	14:35:00	2008.3	96.1	1128.2	89	292.9	395.8	130.7	76.8	130.9	608.1	130	10.64	10.657	0.614	5399.94	5399.96	385.4	5073.81	362.12	0	0	1973.52	2100.38
29/09/05	14:36:00	2007.7	96.1	1127.8	89.5	295.7	396.7	131.2	76.9	131.9	610.4	130.9	10.653	10.657	0.622	5288.89	5399.96	389.07	5073.81	365.57	0	0	1973.52	2100.38
29/09/05	14:37:00	2006.3	96.1	1126.1	89.7	299.8	394.6	129.7	76.8	131.9	608.3	130	10.634	10.657	0.629	5344.42	5399.96	392.78	5073.81	369.06	0	0	1973.52	2100.38
29/09/05	14:38:00	2005.1	96.2	1121.4	89.4	304.3	392.7	126.8	76.4	130.3	605	127.7	10.611	10.657	0.637	5427.6	5399.96	396.55	5073.81	372.6	0	0	1973.52	2100.38
29/09/05	14:39:00	2004.5	96.2	1123.7	88.8	308	392.3	124.3	76	128.2	605	125.1	10.61	10.657	0.644	5344.52	5399.96	400.26	5073.81	376.09	0	0	1973.52	2100.38
29/09/05	14:40:00	2004.1	96.3	1122	88.3	310.4	390.5	122.9	75.6	126.2	603.8	123.4	10.568	10.615	0.651	5483.23	5377.73	404.07	5052.92	379.66	0	0	1973.87	2100.76
29/09/05	14:41:00	2004.1	96.2	1120.8	87.8	315.4	390.8	122.9	75.8	125.2	604.4	122.9	10.588	10.615	0.659	5455.47	5377.73	407.86	5052.92	383.22	0	0	1973.87	2100.76
29/09/05	14:42:00	2004.1	96.2	1121.2	87.8	319.4	391.4	123.6	75.6	125	605	123.3	10.576	10.615	0.666	5344.42	5377.73	411.57	5052.92	386.71	0	0	1973.87	2100.76
29/09/05	14:43:00	2004.1	96.1	1122.3	87.9	322.7	391.9	124.6	75.2	125.4	604.4	124.2	10.545	10.615	0.673	5372.18	5377.73	415.3	5052.92	390.22	0	0	1973.87	2100.76
29/09/05	14:44:00	2004.1	96.2	1121.8	88	326.4	392.4	125.8	75.5	126.4	606.1	125.5	10.554	10.615	0.681	5386.06	5377.73	419.04	5052.92	393.73	0	0	1973.87	2100.76

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	14:45:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	14:45:00	2005.1	96.1	1124.9	88.2	329.3	393.6	127.4	75.4	127.6	606.7	126.9	10.545	10.562	0.688	5372.18	5386.06	422.77	5060.74	397.24	0	0	1960.95	2087
29/09/05	14:46:00	2004.9	96.1	1125.5	88.4	333.3	394.6	129	75.6	129	608.3	128.5	10.556	10.562	0.695	5316.65	5386.06	426.46	5060.74	400.71	0	0	1960.95	2087
29/09/05	14:47:00	2004.7	96.1	1124.5	88.5	337.4	394.1	130.2	75.3	130.5	607.3	129.8	10.519	10.562	0.703	5413.82	5386.06	430.22	5060.74	404.24	0	0	1960.95	2087
29/09/05	14:48:00	2003.4	96	1124.5	88.5	341.1	393.9	129.5	74	131.1	607.7	129.9	10.428	10.562	0.71	5302.77	5386.06	433.91	5060.74	407.7	0	0	1960.95	2087
29/09/05	14:49:00	2002.2	96	1122.7	88.5	344	393.3	127.7	74.3	130.4	607.3	128.5	10.461	10.562	0.717	5413.72	5386.06	437.67	5060.74	411.23	0	0	1960.95	2087
29/09/05	14:50:00	2000.8	96	1121.2	88.2	346.4	392.6	125.8	73.6	128.9	605	126.6	10.423	10.478	0.724	5386.17	5366.63	441.41	5042.48	414.75	0	0	1952.36	2077.86
29/09/05	14:51:00	2000.4	95.9	1120	87.7	350.1	390.3	124.6	73.9	127.5	603.6	125.3	10.426	10.478	0.732	5483.23	5366.63	445.21	5042.48	418.32	0	0	1952.36	2077.86
29/09/05	14:52:00	2000.4	95.9	1120.6	87.5	354.2	392.2	124.1	73.3	126.5	604.6	124.5	10.417	10.478	0.739	5372.18	5366.63	448.94	5042.48	421.83	0	0	1952.36	2077.86
29/09/05	14:53:00	2000.4	95.9	1119.6	87.4	357.5	390.5	124.4	73.2	126.1	603.6	124.4	10.382	10.478	0.746	5497.11	5366.63	452.76	5042.48	425.42	0	0	1952.36	2077.86
29/09/05	14:54:00	2000.2	95.9	1122.9	87.4	360.7	392.7	125.3	73.8	126.4	606.5	125	10.444	10.478	0.753	5288.89	5366.63	456.43	5042.48	428.87	0	0	1952.36	2077.86
29/09/05	14:55:00	2000.2	95.8	1120.8	87.4	364.4	391.9	126.7	73.5	127.3	604.4	126.2	10.396	10.413	0.76	5302.77	5388.84	460.12	5063.35	432.33	0	0	1932.32	2056.54
29/09/05	14:56:00	1999.1	95.8	1122.5	87.5	367.7	393.9	128.2	74.6	128.5	608.5	127.7	10.486	10.413	0.768	5163.85	5388.84	463.7	5063.35	435.7	0	0	1932.32	2056.54
29/09/05	14:57:00	1999.8	95.8	1122.7	87.8	372.2	393.6	129.4	73.4	129.7	606.1	129.1	10.384	10.413	0.775	5261.23	5388.84	467.36	5063.35	439.13	0	0	1932.32	2056.54
29/09/05	14:58:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	14:58:00	1998.5	95.8	1120	88.2	374.6	392.3	130.3	74	130.9	604.4	130.2	10.399	10.413	0.782	5094.44	5388.84	470.89	5063.35	442.45	0	0	1932.32	2056.54
29/09/05	14:59:00	1997.9	95.8	1120.2	88.5	369.3	391.6	129.9	73.1	131.3	602.6	130.3	10.331	10.413	0.789	5261.23	5388.84	474.55	5063.35	445.89	0	0	1932.32	2056.54
29/09/05	15:00:00	BS&W at choke manifold showed 100% oil and trace of water. Draeger (Petrolab) showed 4% CO2 by volume and 1.5																						
29/09/05	15:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.																						
29/09/05	15:00:00	1995.7	95.8	1117.3	88.8	272.8	390.6	128.2	74.1	130.7	603.8	129.3	10.398	10.4	0.797	5219.48	5200.05	478.17	4885.96	449.29	0	0	1999.93	2128.49
29/09/05	15:01:00	1994.4	95.9	1116.7	89	276.5	390	126.3	73.1	129.3	602.6	127.4	10.341	10.4	0.804	5358.3	5200.05	481.89	4885.96	452.79	0	0	1999.93	2128.49
29/09/05	15:02:00	1993.2	96	1114.7	88.9	279.8	389.7	125.1	73.1	127.8	601	125.9	10.35	10.4	0.811	5163.96	5200.05	485.48	4885.96	456.16	0	0	1999.93	2128.49
29/09/05	15:03:00	1992.4	96.1	1114.1	88.7	283.9	389.7	124.6	73.2	126.8	601.2	125.2	10.366	10.4	0.818	5302.66	5200.05	489.16	4885.96	459.62	0	0	1999.93	2128.49
29/09/05	15:04:00	1992.2	96.1	1115.5	88.7	285.5	390.8	125	73.4	126.4	601.8	125.4	10.39	10.4	0.825	5205.6	5200.05	492.78	4885.96	463.01	0	0	1999.93	2128.49
29/09/05	15:05:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil lin																						
29/09/05	15:05:00	1991.6	96.2	1113.7	88.8	289.6	388.3	125.8	73.3	126.7	601	126	10.337	10.357	0.833	5455.58	5297.22	496.57	4977.27	466.57	0	0	1955.14	2080.82
29/09/05	15:06:00	1991.8	96.3	1115.9	89	293.3	388.7	127	72.6	127.4	600.7	126.8	10.279	10.357	0.84	5399.94	5297.22	500.32	4977.27	470.1	0	0	1955.14	2080.82
29/09/05	15:07:00	1991.6	96.3	1116.5	89	297	390.3	128.1	73.5	128.4	602.4	127.8	10.352	10.357	0.847	5316.54	5297.22	504.01	4977.27	473.57	0	0	1955.14	2080.82
29/09/05	15:08:00	1991.4	96.4	1115.5	89.1	298.6	390	129.1	73	129.5	601.4	128.8	10.306	10.357	0.854	5358.3	5297.22	507.73	4977.27	477.06	0	0	1955.14	2080.82
29/09/05	15:09:00	1990.2	96.4	1114.7	89.4	301.5	389.5	129.6	72.7	130.3	600.5	129.5	10.27	10.357	0.861	5400.05	5297.22	511.48	4977.27	480.59	0	0	1955.14	2080.82
29/09/05	15:10:00	1988.5	96.4	1114.1	89.5	305.1	389	128.4	72.7	130.3	601.4	128.7	10.278	10.297	0.868	5205.49	5336.07	515.09	5013.77	483.98	0	0	1929.69	2053.74
29/09/05	15:11:00	1986.9	96.5	1111.6	89.5	309.6	386.7	126.2	72.3	129.2	597.9	127.2	10.244	10.297	0.875	5400.05	5336.07	518.84	5013.77	487.51	0	0	1929.69	2053.74
29/09/05	15:12:00	1985.7	96.6	1110.6	89.3	312.5	386.2	124	72.1	127.3	596.9	124.9	10.243	10.297	0.883	5274.9	5336.07	522.51	5013.77	490.95	0	0	1929.69	2053.74
29/09/05	15:13:00	1985.2	96.6	1109.4	88.9	315.4	383.8	122.4	71.5	125.6	595.8	123.2	10.188	10.297	0.89	5441.7	5336.07	526.29	5013.77	494.5	0	0	1929.69	2053.74
29/09/05	15:14:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil lin																						
29/09/05	15:14:00	1985.2	96.6	1108.8	88.5	317.8	383.6	122.5	71.8	124.6	594.8	122.7	10.2	10.297	0.897	5233.36	5336.07	529.92	5013.77	497.91	0	0	1929.69	2053.74
29/09/05	15:15:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	15:15:00	1985.7	96.6	1111.8	88.3	321.9	386.7	123.3	72	124.3	598.7	123.3	10.249	10.225	0.904	4969.61	5263.92	533.37	4945.98	501.16	0	0	1942.44	2067.31
29/09/05	15:16:00	1985.7	96.6	1108.8	88.4	323.5	384	124.7	72.9	125	595.4	124.5	10.264	10.225	0.911	5261.13	5263.92	537.03	4945.98	504.59	0	0	1942.44	2067.31
29/09/05	15:17:00	1985	96.6	1111.4	88.7	326.8	385.7	125.5	72.5	125.9	598.5	125.5	10.251	10.225	0.918	5191.72	5263.92	540.63	4945.98	507.98	0	0	1942.44	2067.31
29/09/05	15:18:00	1983.4	96.7	1108.8	89	328.4	384.4	125.1	71.5	126.3	596	125.7	10.168	10.225	0.925	5344.31	5263.92	544.34	4945.98	511.46	0	0	1942.44	2067.31
29/09/05	15:19:00	1982.8	96.7	1108.6	89.1	330.9	385.4	123.5	71.7	125.7	596.2	124.6	10.207	10.225	0.932	5191.83	5263.92	547.95	4945.98	514.85	0	0	1942.44	2067.31
29/09/05	15:20:00	1982.2	96.8	1107.5	89	336.2	383.8	122.3	72.1	124.7	596.9	123.4	10.232	10.224	0.939	5205.6	5238.92	551.56	4922.49	518.25	0	0	1951.59	2077.04
29/09/05	15:21:00	1982	96.9	1107.5	88.8	338.3	382.7	121.8	71.4	123.9	595	122.8	10.168	10.224	0.946	5372.07	5238.92	555.29	4922.49	521.75	0	0	1951.59	2077.04
29/09/05	15:22:00	1981.8	97	1108.1	88.7	342.3	384.1	122.2	71.3	123.7	595.8	122.9	10.181	10.224	0.953	5316.76	5238.92	558.99	4922.49	525.22	0	0	1951.59	2077.04
29/09/05	15:23:00	1982.2	97	1108.1	88.8	344.4	382.5	123.5	71.5	124.1	595.6	123.9	10.157	10.224	0.96	5372.18	5238.92	562.72	4922.49	528.73	0	0	1951.59	2077.04
29/09/05	15:24:00	1982.4	97	1109.4	88.9	346.8	383.8	124.9	71.8	125.2	597.1	125.2	10.179	10.224	0.968	5358.19	5238.92	566.44	4922.49	532.22	0	0	1951.59	2077.04
29/09/05	15:25:00	1982.8	97.1	1112.4	89.2	351.3	385.9	126.4	71.1	126.5	598.1	126.6	10.14	10.165	0.975	5372.18	5358.28	570.17	5034.64	535.73	0	0	1897.09	2019.04
29/09/05	15:26:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from s																						
29/09/05	15:26:00	1982.6	97.1	1110.4	89.5	352.6	384.9	128	71.9	127.9	597.3	128.1	10.167	10.165	0.982	5441.7	5358.28	573.95	5034.64	539.28	0	0	1897.09	2019.04
29/09/05	15:27:00	1982.8	97.2	1110.6	89.9	355.8	385.1	128.5	70.9	129.1	596.7	129.1	10.093	10.165	0.989	5344.42	5358.28	577.66	5034.64	542.77	0	0	1897.09	2019.04
29/09/05	15:28:00	1981.2	97.2	1110	90.1	358.3	386	128	71.3	129.6	596.2	129	10.14	10.165	0.996	5386.06	5358.28	581.4	5034.64	546.28	0	0	1897.09	2019.04
29/09/05	15:29:00	1979.5	97.2	1109	90.2	361.1	383.4	126.5	71.2	129	595.6	127.8	10.113	10.165	1.003	5302.77	5358.28	585.08	5034.64	549.74	0	0	1897.09	2019.04
29/09/05	15:30:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	15:30:00	1978.9	97.3	1106.9	90.1	363.6	383.6	124.8	71.2	127.8	594.4	126.2	10.136	10.13	1.01	5302.66	5355.52	588.76	5032.05	553.2	0	0	1891.49	2013.08
29/09/05	15:31:00	1978.7	97.3	1107.1	89.9	367.7	383.8	124.1	70.8	126.7	595	125.1	10.121	10.13	1.017	5302.77	5355.52	592.45	5032.05	556.66	0	0	1891.49	2013.08
29/09/05	15:32:00	1978.5	97.4	1106.9	89.6	370.1	383.1	124.1	70.7	126.1	594.4	125	10.102	10.13	1.024	5455.58	5355.52	596.23	5032.05	560.22	0	0	1891.49	2013.08
29/09/05	15:33:00	1978.1	97.5	1105.5	89.1	373.4	382.1	124.8	71.6	126	592.4	125.5	10.141	10.13	1.031	5469.24	5355.52	600.03	5032.05	563.79	0	0	1891.49	2013.08
29/09/05	15:34:00	1978.9	97.5	1107.7	88.8	376.3	385.4	125.4	71	126.3	595.8	126.1	10.138	10.13	1.038	5233.47	5355.52	603.67	5032.05	567.2	0	0	1891.49	2013.08
29/09/05	15:35:00	1977.9	97.5	1104.5	88.6	376.7	382.1	125.7	71.9	126.9	591.8	126.6	10.158	10.132	1.045	5469.35	5386.08	607.46	5060.76	570.77	0	0	1881.1	2002.02
29/09/05	15:36:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from s																						
29/09/05	15:36:00	1976.7	97.6	1105.5	88.4	381.6	381.8	124.2	70.9	126.8	593.8	125.5	10.099	10.132	1.052	5441.48	5386.08	611.24	5060.76	574.32	0	0	1881.1	2002.02
29/09/05	15:37:00	1975.4	97.6	1102.8	87.9	384.5	379.2	121.2	71.2	125.3	591.3	122.9	10.118	10.132	1.059	5441.7	5386.08	615.02	5060.76	577.88	0	0	1881.1	2002.02
29/09/05	15:38:00	Bled down annulus pressure to +/- 250 psi.																						
29/09/05	15:38:00	1975	97.7	1100	87.4	386.1	379.2	118.8	70.7	123.2	589.9	120.3	10.104	10.132	1.066	5399.94	5386.08	618.77	5060.76	581.4	0	0	1881.1	2002.02
29/09/05	15:39:00	1974.8	97.6	1099.1	87.1	278.6	377.8	117.5	70.9	121.3	587.5	118.5	10.114	10.132	1.073	5483.12	5386.08	622.58	5060.76	584.98	0	0	1881.1	2002.02
29/09/05	15:40:00	1974.6	97.6	1101	86.7	270	378.2	117.1	70.6	120	588.7	117.6	10.103	10.108	1.08	5302.88	5413.82	626.26	5086.83	588.44	0	0	1867.02	1987.04
29/09/05	15:41:00	1974.4	97.7	1100	86.3	273.2	378.1	117.7	71.8	119.5	588.9	117.8	10.18	10.108	1.087	5469.46	5413.82	630.06	5086.83	592.01	0	0	1867.02	1987.04
29/09/05	15:42:00	1975	97.6	1101.6	86.2	278.6	379.9	119.2	70.1	119.9	590.3	119	10.068	10.108	1.094	5441.59	5413.82	633.84	5086.83	595.56	0	0	1867.02	1987.04
29/09/05	15:43:00	1974.4	97.6	1101.4	86.2	280.6	379.4	120.2	71	120.9	590.7	120.2	10.116	10.108	1.101	5427.49	5413.82	637.61	5086.83	599.1	0	0	1867.02	1987.04

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	15:44:00	1973.4	97.6	1100.4	86.3	283.5	379.5	119.6	70.7	121.3	588.5	120.1	10.098	10.108	1.108	5455.69	5413.82	641.4	5086.83	602.66	0	0	1867.02	1987.04
29/09/05	15:45:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	15:45:00	1972.4	97.6	1099.6	86.3	285.5	379	118	70.5	120.7	589.3	119	10.097	10.112	1.115	5427.71	5444.39	645.17	5115.54	606.2	0	0	1857.3	1976.69
29/09/05	15:46:00	1970.9	97.6	1098.1	86.3	288.4	377.7	117.3	71.2	119.7	587	118.2	10.136	10.112	1.122	5399.73	5444.39	648.92	5115.54	609.72	0	0	1857.3	1976.69
29/09/05	15:47:00	1971.5	97.7	1099.1	86.3	290.8	378.9	117.4	70.5	119.2	589.5	117.9	10.103	10.112	1.129	5469.35	5444.39	652.71	5115.54	613.29	0	0	1857.3	1976.69
29/09/05	15:48:00	1972	97.6	1098.7	86.1	292.9	379.6	118.1	70.3	119.3	589.7	118.4	10.092	10.112	1.136	5414.04	5444.39	656.47	5115.54	616.82	0	0	1857.3	1976.69
29/09/05	15:49:00	1971.8	97.7	1100	86.1	295.3	380.1	119.5	70.6	120.1	589.9	119.6	10.101	10.112	1.143	5469.13	5444.39	660.27	5115.54	620.39	0	0	1857.3	1976.69
29/09/05	15:50:00	1972.6	97.7	1103.2	86.2	297.8	381.5	121.4	70.6	121.4	592	121.3	10.105	10.107	1.15	5386.28	5427.71	664.01	5099.87	623.91	0	0	1862.19	1981.9
29/09/05	15:51:00	1972.6	97.7	1102.6	86.5	300.2	380.5	123	70.8	123.1	591.3	123.1	10.082	10.107	1.157	5455.47	5427.71	667.8	5099.87	627.47	0	0	1862.19	1981.9
29/09/05	15:52:00	1971.5	97.6	1101.8	86.7	302.7	380.3	123.4	72.5	124.2	590.1	123.8	10.201	10.107	1.164	5344.42	5427.71	671.51	5099.87	630.95	0	0	1862.19	1981.9
29/09/05	15:53:00	Commenced chemical injection pump at 1100 cc/min at SST.																						
29/09/05	15:53:00	1970.9	97.6	1102	86.8	305.1	381.3	122.3	70	124.3	591.5	123.2	10.045	10.107	1.171	5399.94	5427.71	675.26	5099.87	634.48	0	0	1862.19	1981.9
29/09/05	15:54:00	1969.9	97.7	1101	86.7	306.4	380.5	120.8	70.5	123.6	590.5	121.9	10.086	10.107	1.178	5469.35	5427.71	679.06	5099.87	638.05	0	0	1862.19	1981.9
29/09/05	15:55:00	1970.1	97.6	1099.4	86.4	310	379.4	120.4	71.6	122.9	589.3	121.3	10.152	10.113	1.185	5483.02	5430.44	682.87	5102.44	641.62	0	0	1862.26	1981.97
29/09/05	15:56:00	1969.9	97.6	1101.2	86.2	312.9	380.3	121.1	71.5	122.7	592.2	121.5	10.15	10.113	1.192	5386.28	5430.44	686.61	5102.44	645.14	0	0	1862.26	1981.97
29/09/05	15:57:00	1970.7	97.6	1101.4	86.1	315.8	380.1	122.3	71.5	123.3	591.3	122.5	10.135	10.113	1.199	5483.02	5430.44	690.42	5102.44	648.72	0	0	1862.26	1981.97
29/09/05	15:58:00	1970.3	97.6	1102.4	86	317.4	382.1	123.8	71.4	124.4	593	123.9	10.14	10.113	1.206	5344.63	5430.44	694.13	5102.44	652.2	0	0	1862.26	1981.97
29/09/05	15:59:00	1971.8	97.5	1102.6	86.2	319.4	382.2	125.5	71.1	125.8	591.3	125.5	10.101	10.113	1.214	4984.36	5430.44	697.76	5102.44	655.62	0	0	1862.26	1981.97
29/09/05	16:00:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.782. SG of produced oil 0.829																						
29/09/05	16:00:00	1972	97.5	1103.9	86.5	322.3	382.9	127.1	71.4	127.5	594.6	127.2	10.116	10.135	1.221	5830.27	5354.7	701.46	5031.28	659.1	0	0	1892.67	2014.34
29/09/05	16:01:00	1970.9	97.4	1104.9	86.9	324.3	382.4	127.8	70.7	128.6	593.2	128.2	10.055	10.135	1.228	5010.39	5354.7	705.25	5031.28	662.66	0	0	1892.67	2014.34
29/09/05	16:02:00	1969.5	97.5	1103.4	87.3	327.2	381.5	127.1	71.6	128.9	593.4	128.1	10.11	10.135	1.235	5830.27	5354.7	709.04	5031.28	666.22	0	0	1892.67	2014.34
29/09/05	16:03:00	1969.1	97.5	1101.8	87.5	328.4	381.1	125.7	71.1	128.2	592.6	127	10.087	10.135	1.242	4997.38	5354.7	712.76	5031.28	669.71	0	0	1892.67	2014.34
29/09/05	16:04:00	1968.5	97.6	1101.2	87.6	330.9	380.2	124.7	70.9	127.3	590.5	126.1	10.067	10.135	1.249	5843.29	5354.7	716.6	5031.28	673.32	0	0	1892.67	2014.34
29/09/05	16:05:00	1968.9	97.6	1101.8	87.5	332.5	381.1	124.8	71.3	126.7	591.3	125.7	10.108	10.094	1.256	4997.38	5419.42	720.28	5092.09	676.78	0	0	1862.55	1982.28
29/09/05	16:06:00	1969.1	97.7	1101.8	87.5	335.8	380.2	125.6	71.5	126.8	592.4	126.1	10.1	10.094	1.263	4984.36	5419.42	724.06	5092.09	680.33	0	0	1862.55	1982.28
29/09/05	16:07:00	1969.5	97.7	1102.8	87.6	337.8	381.9	126.7	70.8	127.4	593.2	127.1	10.062	10.094	1.27	5830.27	5419.42	727.78	5092.09	683.82	0	0	1862.55	1982.28
29/09/05	16:08:00	1969.9	97.7	1101.8	87.9	341.1	380.8	128.1	72	128.6	590.9	128.5	10.118	10.094	1.277	4997.38	5419.42	731.55	5092.09	687.37	0	0	1862.55	1982.28
29/09/05	16:09:00	1970.5	97.7	1105.3	88.1	341.9	383.8	129.7	71.2	129.9	595	129.9	10.087	10.094	1.284	4997.38	5419.42	735.19	5092.09	690.79	0	0	1862.55	1982.28
29/09/05	16:10:00	1970.7	97.7	1104.1	88.4	344.4	382.4	131.2	71.5	131.3	593.8	131.3	10.075	10.077	1.291	5843.29	5386.06	738.98	5060.74	694.35	0	0	1870.89	1991.15
29/09/05	16:11:00	1970.3	97.7	1105.3	88.8	345.6	383.5	132.4	71.3	132.8	593.8	132.6	10.06	10.077	1.298	6663.17	5386.06	742.68	5060.74	697.83	0	0	1870.89	1991.15
29/09/05	16:12:00	1969.3	97.7	1104.1	89	349.7	381.9	132.2	71.4	133.7	593	132.8	10.047	10.077	1.305	5751.27	5386.06	746.44	5060.74	701.36	0	0	1870.89	1991.15
29/09/05	16:13:00	1968.3	97.7	1104.5	89.1	350.5	381.7	130.3	72	133.2	594.6	131.4	10.103	10.077	1.312	5830.27	5386.06	750.1	5060.74	704.79	0	0	1870.89	1991.15
29/09/05	16:14:00	1967.5	97.7	1101.2	89.1	353	380.2	128.3	72	131.9	592	129.6	10.11	10.077	1.319	4997.38	5386.06	753.93	5060.74	708.4	0	0	1870.89	1991.15
29/09/05	16:15:00	Bled off common close line pressure. Bled off LV open line.																						
29/09/05	16:15:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	16:15:00	1967.7	97.7	1101.8	89	357.1	380.5	127.4	70.6	130.6	592.2	128.6	10.022	10.065	1.326	5010.39	5374.67	757.65	5050.04	711.88	0	0	1872.61	1992.99
29/09/05	16:16:00	1967.5	97.7	1100.6	88.8	357.1	380.5	127.6	72	129.8	592.2	128.1	10.116	10.065	1.333	5830.27	5374.67	761.36	5050.04	715.37	0	0	1872.61	1992.99
29/09/05	16:17:00	1967.7	97.7	1102.8	88.5	360.3	379.6	127.9	71.4	129.6	592.4	128.2	10.063	10.065	1.339	5830.27	5374.67	765.15	5050.04	718.93	0	0	1872.61	1992.99
29/09/05	16:18:00	1968.1	97.6	1103.4	88.5	361.6	381.2	128.7	70.3	130	591.8	128.9	9.998	10.065	1.346	4177.49	5374.67	768.89	5050.04	722.45	0	0	1872.61	1992.99
29/09/05	16:19:00	1968.5	97.6	1104.3	88.5	364.4	381	130	70.8	130.8	593	130	10.016	10.065	1.353	5830.27	5374.67	772.67	5050.04	726	0	0	1872.61	1992.99
29/09/05	16:20:00	1969.1	97.5	1103.6	88.6	366.9	381.7	131.7	72.3	132.1	594.2	131.4	10.117	10.041	1.36	5830.27	5399.61	776.4	5073.47	729.5	0	0	1859.63	1979.17
29/09/05	16:21:00	1969.5	97.5	1106.7	88.9	368.9	383.5	133.5	71.2	133.7	595.4	133.5	10.044	10.041	1.367	5010.39	5399.61	780.08	5073.47	732.96	0	0	1859.63	1979.17
29/09/05	16:22:00	1968.5	97.5	1105.3	89.3	371	383	134.8	72.4	135.3	593.4	134.8	10.106	10.041	1.374	5843.29	5399.61	783.83	5073.47	736.49	0	0	1859.63	1979.17
29/09/05	16:23:00	1967.9	97.5	1104.9	89.6	372.6	382.1	134	70.8	135.9	594.4	134.5	9.988	10.041	1.381	4997.38	5399.61	787.54	5073.47	739.97	0	0	1859.63	1979.17
29/09/05	16:24:00	1966.4	97.5	1103.6	89.6	375.9	380.8	131.9	70.9	135.2	592.2	132.9	9.998	10.041	1.388	4997.38	5399.61	791.28	5073.47	743.49	0	0	1859.63	1979.17
29/09/05	16:25:00	1965.4	97.6	1100.6	89.4	376.3	379.9	130.3	71.5	133.8	591.8	131.3	10.051	10.04	1.395	6650.15	5371.91	795.05	5047.45	747.03	0	0	1869	1989.15
29/09/05	16:26:00	1965.4	97.5	1101.2	89.2	377.9	380	129.7	70.7	132.7	591.8	130.3	9.999	10.04	1.402	4997.38	5371.91	798.79	5047.45	750.54	0	0	1869	1989.15
29/09/05	16:27:00	1966	97.4	1101.4	89.2	380.4	380.2	129.7	71	132.2	591.8	130.1	10.021	10.04	1.409	4997.38	5371.91	802.5	5047.45	754.03	0	0	1869	1989.15
29/09/05	16:28:00	1966.2	97.5	1102	89.2	383.6	379.5	130.4	71.4	132.1	592	130.4	10.036	10.04	1.416	4164.48	5371.91	806.3	5047.45	757.6	0	0	1869	1989.15
29/09/05	16:29:00	1967.3	97.4	1103.6	89.2	385.3	380.8	131.4	70.6	132.7	592.8	131.3	9.986	10.04	1.423	4984.36	5371.91	810.03	5047.45	761.1	0	0	1869	1989.15
29/09/05	16:30:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	16:30:00	1967.1	97.4	1103.2	89.3	386.5	381	133.1	71.4	133.8	593	132.7	10.029	10.008	1.43	5830.27	5402.76	813.81	5076.44	764.65	0	0	1852.35	1971.42
29/09/05	16:31:00	1967.9	97.3	1106.7	89.4	388.5	383.7	134.9	71.5	135.4	595.4	134.4	10.049	10.008	1.437	5843.29	5402.76	817.44	5076.44	768.07	0	0	1852.35	1971.42
29/09/05	16:32:00	1967.5	97.3	1105.7	89.7	391	384	136.5	71.5	137	596	136	10.042	10.008	1.444	5817.26	5402.76	821.18	5076.44	771.58	0	0	1852.35	1971.42
29/09/05	16:33:00	1966.6	97.3	1104.7	89.9	393	383.5	136.6	72.1	138	595.2	136.7	10.074	10.008	1.451	4984.36	5402.76	824.91	5076.44	775.09	0	0	1852.35	1971.42
29/09/05	16:34:00	1965.6	97.2	1103.9	90.1	393.9	382.2	135	70.5	137.9	594.4	136	9.961	10.008	1.458	3318.57	5402.76	828.65	5076.44	778.6	0	0	1852.35	1971.42
29/09/05	16:35:00	1964.4	97.2	1101.2	90.2	390.6	381.4	132.7	71.7	136.4	593.2	134.1	10.059	10.014	1.465	5843.29	5358.3	832.41	5034.66	782.14	0	0	1868.89	1989.02
29/09/05	16:36:00	1964.8	97.3	1101.2	90.1	271.6	379.1	130.8	70.2	134.6	591.3	132.2	9.937	10.014	1.472	5843.29	5358.3	836.18	5034.66	785.68	0	0	1868.89	1989.02
29/09/05	16:37:00	1964	97.4	1100.6	90	279.8	379.4	130.1	70.9	133.1	589.3	131.1	9.998	10.014	1.479	5830.27	5358.3	839.91	5034.66	789.18	0	0	1868.89	1989.02
29/09/05	16:38:00	1964.6	97.5	1101	89.7	282.2	379.4	130.2	70.6	132.4	590.3	130.7	9.976	10.014	1.486	4984.36	5358.3	843.67	5034.66	792.72	0	0	1868.89	1989.02
29/09/05	16:39:00	1965.6	97.6	1102.2	89.6	284.3	379.3	130.7	70.6	132.4	590.9	131	9.975	10.014	1.492	5830.27	5358.3	847.41	5034.66	796.23	0	0	1868.89	1989.02
29/09/05	16:40:00	1966.2	97.6	1103	89.6	286.7	381.2	131.7	70.3	132.9	593.2	131.8	9.967	9.969	1.499	5010.39	5391.61	851.13	5065.96	799.73	0	0	1849.03	1967.89
29/09/05	16:41:00	1967.3	97.6	1104.3	89.7	288.8	382.2	133.7	70.4	134.1	594.4	133.3	9.963	9.969	1.506	4997.38	5391.61	854.93	5065.96	803.29	0	0	1849.03	1967.89
29/09/05	16:42:00	1967.9	97.6	1107.5	90	289.2	384.6	136	71.2	136	596.2	135.5	10.028	9.969	1.513	5830.27	5391.61	858.66	5065.96	806.8	0	0	1849.03	1967.89
29/09/05	16:43:00	1968.5	97.6	1109.8	90.2	291.6	385.9	138	70	137.9	598.3	137.3	9.939	9.969	1.52	4997.38	5391.61	862.36	5065.96	810.27	0	0	1849.03	1967.89
29/09/05	16:44:00	1968.3	97.6	1107.3	90.3	292.9	384.2	138.7	70.8	139.5	596.9	138.4	9.971	9.969	1.527	5830.27	5391.61	866.13	5065.96	813.82	0	0	1849.03	1967.89
29/09/05	16:45:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	16:45:00	1967.1	97.5	1106.3	90.2	295.7	384.6	137.5	70.3	139.9	596.9	138	9.953	9.995	1.534	4997.38	5388.55	869.85	5063.08	817.31	0	0	1854.84	1974.07
29/09/05	16:46:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.																						

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	16:46:00	2152.3	97.4	42.4	90.3	303.9	76.1	122.5	0	137.4	40	135.9	0	9.995	1.534	3303.82	5388.55	872.14	5063.08	819.46	0	0	1854.84	1974.07
29/09/05	16:47:00	Pressured up common close line to closed LV.																						
29/09/05	16:47:00	2280.4	96.9	20.2	89.8	310	51.2	114.8	0	133.9	20.6	135	0	9.995	1.534	666.32	5388.55	872.6	5063.08	819.9	0	0	1854.84	1974.07
29/09/05	16:48:00	2350.2	96	24.7	89	310.4	37.5	113.8	0	132.4	25.1	134.2	0	9.995	1.534	0	5388.55	872.61	5063.08	819.91	0	0	1854.84	1974.07
29/09/05	16:49:00	2355.7	95.2	19.6	87.9	300.2	29.9	112.4	0	131.3	20	133.2	0	9.995	1.534	0	5388.55	872.62	5063.08	819.92	0	0	1854.84	1974.07
29/09/05	16:50:00	2347.5	94.6	5	87.1	281.4	25.6	111.1	0	130	5.2	137.3	0	0	1.534	0	799.13	872.62	750.86	819.92	0	0	0	0
29/09/05	16:51:00	2342.4	94.6	2.8	86.2	263.4	21.2	109.7	0	129.3	3.6	141.9	0	0	1.534	0	799.13	872.62	750.86	819.92	0	0	0	0
29/09/05	16:52:00	Bled off common close line.																						
29/09/05	16:52:00	2339.7	94.7	3.6	85.7	245.8	17.9	108.2	0	128.9	3.6	144.3	0	0	1.534	0	799.13	872.62	750.86	819.92	0	0	0	0
29/09/05	16:53:00	2337.3	94.6	3.8	85.2	227	14.3	106.8	0	128.4	3.4	145	0	0	1.534	0	799.13	872.62	750.86	819.92	0	0	0	0
29/09/05	16:54:00	Bled down wellhead pressure to 2100 psi.																						
29/09/05	16:54:00	2335.2	94.1	3.8	84.7	209.5	11.9	105.3	0	127.7	3.6	144.3	0	0	1.534	0	799.13	872.62	750.86	819.92	0	0	0	0
29/09/05	16:55:00	2265.5	94	361.8	84.3	189.8	9.7	103.9	0	126.6	253.2	157	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	16:56:00	2154.5	93.1	578.9	91	164.9	7.4	102.2	0	125.2	346.6	192.2	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	16:57:00	2102.6	88.8	2.8	97.9	140.8	6	100.6	0	123.7	3	209.2	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	16:58:00	2098.3	86.8	2.4	101.1	124.4	4.5	98.9	0	122.5	3	213.3	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	16:59:00	2095.8	86.6	2.4	102.4	108.9	3.7	97.3	0	121.5	2.4	212.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:00:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	17:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.																						
29/09/05	17:00:00	2096.3	86.5	2.2	102.7	93.3	2.2	95.9	0	120.4	2.8	209.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:01:00	2096.7	86.2	2.2	102.3	79.4	1.5	94.4	0	119.4	2.6	205.4	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:02:00	2096.7	85.9	2.2	101.6	66	0.8	93.2	0	118.6	3	200.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:03:00	2096.5	85.4	2.2	100.8	53.3	0.8	92	0	117.8	2.8	195.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:04:00	Pressured up ICV open line to 4000 psi to open ICV.																						
29/09/05	17:04:00	2095.6	84.9	2.2	100	42.7	0.7	90.8	0	117.2	2.8	190.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:05:00	2314.2	84.6	2	98.8	50.4	0.1	89.6	0	116.6	2.4	185.1	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:06:00	2384.5	85.5	2.2	97.9	51.2	0	88.5	0	116.1	2.6	180.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:07:00	2387.8	86.2	2.4	97	45.9	0	87.5	0	115.5	2.8	175.7	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:08:00	2388.2	86.4	2.2	96.1	38.6	0	86.5	0	115	2.6	171.2	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:09:00	Bled down ICV open line pressure to 3000 psi.																						
29/09/05	17:09:00	2388	86.2	1.8	95.2	30.8	0	85.5	0	114.6	2.4	166.7	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:10:00	2387.6	85.7	1.6	94.3	24.2	0	84.5	0	114.1	2.8	162.4	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:11:00	2387.8	85	0.5	93.5	19.3	0	83.6	0	113.7	1.2	158.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:12:00	Opened well on 24/64" adjustable choke through oil meter to port flare boom.																						
29/09/05	17:12:00	2387.8	84.4	0.5	92.7	14.8	0	82.6	0	114.1	1.4	154.6	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:13:00	Gradually increased adjustable choke to 48/64".																						
29/09/05	17:13:00	2318.9	83.9	336.2	93.4	11.2	125.1	118.6	0	115.9	182.1	177.4	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:14:00	2316.6	81.1	353.6	99.4	8.3	167.2	153.4	0	116.7	222.3	215.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:15:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	17:15:00	2311.7	77.7	596.9	105.8	7.1	117.5	175	0	116.7	282.2	236.2	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:16:00	2275.5	75.8	802.1	109.4	5.8	165.7	192.7	0	116.9	384.9	234.4	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:17:00	2205.2	76.7	997.3	109.6	4.6	252.1	191.8	0	175.4	499.1	220.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:18:00	Adjustable choke at 48/64".																						
29/09/05	17:18:00	2104.6	79.7	1224.7	108.5	4.2	289	183.6	0	197.5	606.5	204.2	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:19:00	Diverted flow through 48/64" fixed choke.																						
29/09/05	17:19:00	2039.6	83.9	1173.6	107.5	3.4	266.8	173.8	0	191.7	578.5	189.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:20:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824																						
29/09/05	17:20:00	2004.9	87.5	1100.6	106.9	4.2	237.1	167	0	183.3	535.3	179.5	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:21:00	1965	89.7	1077.9	106.2	5	231.8	163.3	0	176.6	522	172.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:22:00	1915.7	90.7	1033.3	105.5	5.8	218.6	158	0	170.8	499.3	166.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:23:00	1889.8	91.8	1045.6	104.5	6.3	256.4	155.2	0	165.4	518.4	161.3	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:24:00	1849.5	92.3	1022.5	103.5	7.1	255.3	152.3	0	161.1	507.5	157.8	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:25:00	1808.8	92.6	999.4	102.7	9.5	247.8	151.3	0	158.1	495.1	155.9	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:26:00	1766.5	92.8	978.3	102.2	10.8	241	151.5	0	156.2	484.2	155.4	0	0	1.534	0	0	872.62	0	819.92	0	0		
29/09/05	17:27:00	Installed 2.75" orifice plate into gas meter run.																						
29/09/05	17:27:00	1723.8	92.9	953.6	101.7	12	238.3	152.2	211.8	155.4	474.2	155.8	8.885	0	1.54	0	0	872.62	0	819.92	0	0		
29/09/05	17:28:00	1672.7	92.9	946.8	101.5	14.4	296.2	156.2	167.8	155.6	496.1	157.5	8.802	0	1.546	0	0	872.62	0	819.92	0	0		
29/09/05	17:29:00	Diverted flow through 3" oil meter. Used shrinkage factor 6.04% and meter factor 0.968 from previous flow peri																						
29/09/05	17:29:00	1618.7	93	930.1	101.4	18.1	324.5	158.7	159.9	157	511.2	159.3	8.981	0	0.001	1073.32	0	0.01	0	0.01	0	0		
29/09/05	17:30:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	17:30:00	1580.9	92.6	902.7	101.2	21.8	315.8	159.7	154.6	158.7	493.2	160.4	8.702	7.059	0.007	3763.37	965.28	2.62	906.97	2.47	0	0	7312.85	7782.93
29/09/05	17:31:00	1618.7	93.8	879	100.9	26.7	219.5	155.6	108.9	160.3	435.8	160.1	6.129	7.059	0.011	4028.65	965.28	5.42	906.97	5.09	0	0	7312.85	7782.93
29/09/05	17:32:00	1633.6	95.6	896.1	100.7	32.8	277.7	156.6	88	160.2	462.8	157.5	6.189	7.059	0.016	5742.95	965.28	9.41	906.97	8.84	0	0	7312.85	7782.93
29/09/05	17:33:00	1641	96.7	905.1	100.7	36.9	274.7	153.7	86.9	159.1	468.1	154.9	6.135	7.059	0.02	6021.73	965.28	13.59	906.97	12.77	0	0	7312.85	7782.93
29/09/05	17:34:00	1644.9	97.4	907.6	100.7	40.6	317.2	152.2	30	157.6	484.8	152.9	3.889	7.059	0.023	6188.79	965.28	17.89	906.97	16.81	0	0	7312.85	7782.93
29/09/05	17:35:00	1649.2	97.8	959.7	100.6	43.9	448.1	156.4	43.3	157.6	584.2	151.7	5.543	5.577	0.026	5505.98	5497.62	21.71	5165.56	20.4	0	0	1014.44	1079.65
29/09/05	17:36:00	1652	98.2	936.8	100.5	48.8	355.3	151.7	72.3	157.4	525.3	151.6	6.385	5.577	0.031	7151.03	5497.62	26.68	5165.56	25.07	0	0	1014.44	1079.65
29/09/05	17:37:00	Raised 2.75" orifice plate into gas meter run due to oil carry over to the gas line.																						
29/09/05	17:37:00	1656.1	98.5	925.4	100.5	53.3	329.1	150.9	4.3	156.7	504.1	151.6	0	5.577	0.031	6872.03	5497.62	31.45	5165.56	29.55	0	0	1014.44	1079.65
29/09/05	17:38:00	1660.4	98.8	927	100.5	57.8	327.1	152.7	4.1	156.8	504.3	152.4	0	5.577	0.031	6858.09	5497.62	36.21	5165.56	34.03	0	0	1014.44	1079.65

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	17:39:00	1665.1	99.3	928.9	100.6	63.5	327	154	3.9	157.5	503.4	153.5	0	5.577	0.031	7053.24	5497.62	41.11	5165.56	38.63	0	0	1014.44	1079.65
29/09/05	17:40:00	1668.6	99.6	932.1	100.8	65.5	321.8	155.3	0	158.4	505.9	154.5	0	1.277	0.031	6788.39	6944.55	45.83	6525.1	43.06	0	0	183.88	195.7
29/09/05	17:41:00	1671.9	99.9	932.3	101	70.9	312.1	155.2	0	159.2	506.7	154.5	0	1.277	0.031	6997.48	6944.55	50.68	6525.1	47.62	0	0	183.88	195.7
29/09/05	17:42:00	1674.1	100.2	935	100.9	73.3	302.9	153.6	0	159	509	153.4	0	1.277	0.031	6899.69	6944.55	55.48	6525.1	52.13	0	0	183.88	195.7
29/09/05	17:43:00	1677.4	100.4	936.2	100.8	76.6	287.3	151.7	1	157.7	510	151.8	0	1.277	0.031	6955.88	6944.55	60.31	6525.1	56.66	0	0	183.88	195.7
29/09/05	17:44:00	1680	100.7	936.6	100.6	81.9	80.5	150.2	0	155.9	509.6	150.4	0	1.277	0.031	6872.03	6944.55	65.08	6525.1	61.15	0	0	183.88	195.7
29/09/05	17:45:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	17:45:00	1683.7	101	938.9	100.3	87.2	336.5	149.1	0	154.5	511.6	149.4	0	0	0.031	6746.57	6894.33	69.76	6477.91	65.55	0	0	0	0
29/09/05	17:46:00	Installed 2.75" orifice plate into gas meter run.																						
29/09/05	17:46:00	1686	101.3	940.5	100.1	88.8	336.5	149.1	73	153.6	512.2	149	6.258	0	0.035	7095.05	6894.33	74.69	6477.91	70.18	0	0	0	0
29/09/05	17:47:00	1688.8	101.5	944.2	100.1	95	339.8	149.7	73.4	153.3	516.1	149.3	6.299	0	0.04	6802.33	6894.33	79.42	6477.91	74.62	0	0	0	0
29/09/05	17:48:00	1691.3	101.8	945.6	100.2	98.3	342.8	150.8	74.3	153.6	517.5	150.2	6.361	0	0.044	6830.21	6894.33	84.16	6477.91	79.08	0	0	0	0
29/09/05	17:49:00	1693.9	102.1	948.7	100.5	102.7	344.1	152	74.4	154.6	519.2	151.4	6.368	0	0.048	6927.78	6894.33	88.97	6477.91	83.6	0	0	0	0
29/09/05	17:50:00	1696	102.3	950.3	100.6	106.8	343.1	153	74.1	155.7	519.4	152.3	6.342	6.326	0.053	6885.96	6908.27	93.75	6491.01	88.09	0	0	915.65	974.51
29/09/05	17:51:00	1697.6	102.5	952.6	100.7	110.1	348.3	153.2	75.1	156.6	523.7	152.8	6.433	6.326	0.057	6537.48	6908.27	98.29	6491.01	92.35	0	0	915.65	974.51
29/09/05	17:52:00	1698.8	102.7	950.5	100.8	114.6	344.4	151.7	74.4	156.5	520.6	151.7	6.372	6.326	0.062	7136.87	6908.27	103.25	6491.01	97.01	0	0	915.65	974.51
29/09/05	17:53:00	1700.3	103	951.3	100.6	117.9	346.5	149.7	74.9	155.3	521.8	149.6	6.43	6.326	0.066	6690.82	6908.27	107.89	6491.01	101.38	0	0	915.65	974.51
29/09/05	17:54:00	1702.3	103.2	950.3	100.3	122	344.5	147.8	74.5	153.3	519.4	147.9	6.404	6.326	0.071	6899.9	6908.27	112.69	6491.01	105.88	0	0	915.65	974.51
29/09/05	17:55:00	1703.9	103.5	952.8	100.1	124.8	345.1	147.1	74.7	151.6	521.4	146.8	6.419	6.412	0.075	6774.45	6807.91	117.39	6396.71	110.3	0	0	941.8	1002.35
29/09/05	17:56:00	1705.8	103.7	954.2	99.8	129.3	346.5	146.8	74.7	150.5	523.1	146.3	6.438	6.412	0.08	6844.15	6807.91	122.14	6396.71	114.77	0	0	941.8	1002.35
29/09/05	17:57:00	1707.8	104	954.4	99.7	133.4	347.5	146.8	75	150.1	522.7	146.2	0	6.412	0.08	6816.27	6807.91	126.88	6396.71	119.21	0	0	941.8	1002.35
29/09/05	17:58:00	1710.1	104.1	957.7	99.5	136.7	350.2	147.2	75.5	150.1	524.9	146.3	0	6.412	0.08	6704.76	6807.91	131.53	6396.71	123.59	0	0	941.8	1002.35
29/09/05	17:59:00	1712.1	104.2	958.3	99.3	141.6	351	147.7	75.6	150.5	525.9	146.9	0	6.412	0.08	6885.96	6807.91	136.31	6396.71	128.08	0	0	941.8	1002.35
29/09/05	18:00:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	18:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.																						
29/09/05	18:00:00	1713.6	104.4	959.3	99.3	143.2	346.7	148.9	74.7	151.4	523.5	147.9	0	1.288	0.08	7067.17	6863.66	141.22	6449.1	132.69	0	0	187.6	199.66
29/09/05	18:01:00	1714.8	104.4	961	99.5	147.3	355.6	149.5	76.6	152.3	529.4	148.7	0	1.288	0.08	6356.28	6863.66	145.64	6449.1	136.84	0	0	187.6	199.66
29/09/05	18:02:00	1715	104.5	960.1	100	151.8	350	148.9	75.3	152.6	526.3	148.4	0	1.288	0.08	6941.72	6863.66	150.46	6449.1	141.37	0	0	187.6	199.66
29/09/05	18:03:00	1715.4	104.7	961	100	152.2	356.7	146.3	76.7	151.6	530.6	146.2	0	1.288	0.08	6481.51	6863.66	154.96	6449.1	145.6	0	0	187.6	199.66
29/09/05	18:04:00	1716.6	104.7	957.7	99.5	157.1	348.6	143.1	75.1	149.2	525.1	143.2	0	1.288	0.08	7136.87	6863.66	159.91	6449.1	150.26	0	0	187.6	199.66
29/09/05	18:05:00	1717.6	104.9	958.7	99	160.8	352.3	140.9	76.1	146.4	526.1	140.6	0	0	0.08	6635.28	6710.33	164.52	6305.03	154.59	0	0	0	0
29/09/05	18:06:00	1719.1	104.9	957.9	98.6	164.1	348.2	139.6	75.2	144	525.1	139	0	0	0.08	6997.26	6710.33	169.38	6305.03	159.15	0	0	0	0
29/09/05	18:07:00	1720.5	105.1	959.1	98.2	167.8	352.5	138.8	76.4	142.4	526.1	138.1	0	0	0.08	6718.91	6710.33	174.05	6305.03	163.53	0	0	0	0
29/09/05	18:08:00	1721.7	105.2	959.7	98.1	171	349.7	138.9	75.5	141.6	526.3	137.9	0	0	0.08	6941.5	6710.33	178.87	6305.03	168.06	0	0	0	0
29/09/05	18:09:00	1723.2	105.3	962.2	98.1	173.1	352.3	139.3	75.9	141.3	528.2	137.9	0	0	0.08	6439.91	6710.33	183.34	6305.03	172.27	0	0	0	0
29/09/05	18:10:00	1724.6	105.4	961.6	98	177.6	351.9	139.4	76	141.6	527.4	138.3	0	0	0.08	6579.3	6735.38	187.91	6328.56	176.56	0	0	0	0
29/09/05	18:11:00	1725	105.5	961.8	97.8	180.8	351	139.3	75.6	141.9	527.1	138.3	0	0	0.08	6872.24	6735.38	192.68	6328.56	181.04	0	0	0	0
29/09/05	18:12:00	1725.6	105.5	959.9	97.7	182.5	349.2	138.3	75.2	141.7	525.5	137.6	0	0	0.08	6788.39	6735.38	197.39	6328.56	185.47	0	0	0	0
29/09/05	18:13:00	1726.4	105.5	962.2	97.7	187.4	354	136.7	76.2	140.8	528.8	136.3	0	0	0.08	6467.79	6735.38	201.89	6328.56	189.69	0	0	0	0
29/09/05	18:14:00	1727.5	105.6	960.3	97.8	190.7	350.4	135.2	75.6	139.3	525.5	134.8	0	0	0.08	6997.48	6735.38	206.75	6328.56	194.26	0	0	0	0
29/09/05	18:15:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	18:15:00	1728.1	105.6	959.5	97.6	192.7	350.1	133.4	75.5	137.6	525.5	133.1	0	0	0.08	6774.23	6780.03	211.45	6370.51	198.68	0	0	0	0
29/09/05	18:16:00	1729.1	105.8	961	97.2	195.1	351.8	132	75.9	135.8	526.1	131.4	0	0	0.08	6635.06	6780.03	216.06	6370.51	203.01	0	0	0	0
29/09/05	18:17:00	1730.5	105.8	960.3	97	199.6	350.3	131.2	75.2	134.4	525.1	130.4	0	0	0.08	6858.09	6780.03	220.82	6370.51	207.48	0	0	0	0
29/09/05	18:18:00	1731.3	105.9	962.6	96.8	201.3	350.9	130.9	75.1	133.4	526.5	129.8	0	0	0.08	6621.12	6780.03	225.42	6370.51	211.8	0	0	0	0
29/09/05	18:19:00	1732.4	106	961.2	96.5	205.8	349.9	130.6	75.1	132.9	525.3	129.4	0	0	0.08	6899.9	6780.03	230.21	6370.51	216.31	0	0	0	0
29/09/05	18:20:00	1733	105.9	961	96.2	207.8	352.1	129.4	75.6	132.3	526.1	128.5	0	0	0.08	6746.57	6752.15	234.9	6344.32	220.71	0	0	0	0
29/09/05	18:21:00	1732.8	106	960.5	95.9	211.1	348	127.8	74.8	131.2	524.1	127	0	0	0.08	7025.57	6752.15	239.77	6344.32	225.29	0	0	0	0
29/09/05	18:22:00	1734.2	106	959.9	95.7	214	350.8	126.3	75.5	129.8	524.1	125.6	0	0	0.08	6704.54	6752.15	244.43	6344.32	229.67	0	0	0	0
29/09/05	18:23:00	1735	106	960.1	95.4	216.4	347.7	125.8	74.9	128.5	524.3	124.8	0	0	0.08	6774.67	6752.15	249.13	6344.32	234.09	0	0	0	0
29/09/05	18:24:00	1735.8	106	961.2	95.3	219.3	351.8	125.3	75.5	127.7	525.5	124.3	0	0	0.08	6704.76	6752.15	253.79	6344.32	238.46	0	0	0	0
29/09/05	18:25:00	1737.1	106	960.3	95.1	220.9	349.6	124.6	75.3	126.9	523.7	123.6	0	0	0.08	6885.96	6819.1	258.57	6407.23	242.96	0	0	0	0
29/09/05	18:26:00	1737.9	106.1	962.2	94.8	224.2	350	124.3	75.3	126.4	525.5	123.3	0	0	0.08	6774.45	6819.1	263.28	6407.23	247.38	0	0	0	0
29/09/05	18:27:00	1738.5	106.1	960.8	94.5	228.3	350.4	123.8	75.3	126	523.7	122.9	0	0	0.08	6816.27	6819.1	268.01	6407.23	251.82	0	0	0	0
29/09/05	18:28:00	1738.9	106	961.8	94.4	229.5	348.8	123	74.7	125.4	525.5	122.2	0	0	0.08	6704.54	6819.1	272.67	6407.23	256.2	0	0	0	0
29/09/05	18:29:00	1739.3	106.1	961	94	232.8	349	121.2	75.2	124.3	524.5	120.7	0	0	0.08	6885.96	6819.1	277.45	6407.23	260.69	0	0	0	0
29/09/05	18:30:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	18:30:00	1739.3	106.1	961	93.8	236	348.3	119.8	74.6	122.9	524.1	119.4	0	0	0.08	6802.55	6796.75	282.17	6386.23	265.13	0	0	0	0
29/09/05	18:31:00	1740.5	106.1	961.8	93.4	237.3	350.9	119	75.2	121.6	525.7	118.3	0	0	0.08	6704.76	6796.75	286.83	6386.23	269.5	0	0	0	0
29/09/05	18:32:00	1741	106.1	961.8	93	239.7	354.6	118.3	75.8	120.7	525.9	117.6	0	0	0.08	6718.69	6796.75	291.49	6386.23	273.89	0	0	0	0
29/09/05	18:33:00	1742.4	106.1	962.8	92.8	243.8	350.8	118.3	74.4	120.1	526.3	117.3	0	0	0.08	6983.32	6796.75	296.34	6386.23	278.45	0	0	0	0
29/09/05	18:34:00	1743.4	106.1	962.6	92.6	245.8	352.1	118.2	74.9	119.9	525.7	117.3	0	0	0.08	6830.43	6796.75	301.09	6386.23	282.9	0	0	0	0
29/09/05	18:35:00	1744	106.1	963.2	92.4	247.9	351.7	118.5	74.7	119.9	526.7	117.5	0	0	0.08	6774.23	6802.29	305.79	6391.43	287.32	0	0	0	0
29/09/05	18:36:00	1744.4	106.1	962	92.3	249.9	354	118	75	120	526.9	117.4	0	0	0.08	6872.24	6802.29	310.56	6391.43	291.81	0	0	0	0
29/09/05	18:37:00	1744.4	106	963.8	92.3	253.6	354.1	117.3	74.9	119.6	528.4	116.9	0	0	0.08	6662.94	6802.29	315.19	6391.43	296.15	0	0	0	0
29/09/05	18:38:00	1745.4	106.1	963.8	92.3	256.1	354	116.5	74.9	118.9	527.8	116.2	0	0	0.08	6844.15	6802.29	319.94	6391.43	300.62	0	0	0	0
29/09/05	18:39:00	1746.7	106.1	964	92.2	258.1	353.9	116	74.9	118.2	527.6	115.6	0	0	0.08	6871.81	6802.29	324.72	6391.43	305.1	0	0	0	0
29/09/05	18:40:00	1747.3	106.1	964.6	92	261	354	115.9	74.8	117.7	529	115.4	0	0	0.08	6802.55	6810.74	329.44	6399.37	309.54	0	0	0	0
29/09/05	18:41:00	1748.1	106.2	964.4	91.9	263	356	115.9	75.2	117.6	528.4	115.4	0	0	0.08	6760.51	6810.74	334.13	6399.37	313.95	0	0	0	0
29/09/05	18:42:00	1749.1	106.2	966.7	91.9	265.9	356	116.4	75	117.6	530.2	115.8	0	0	0.08	6704.54	6810.74	338.79	6399.37	318.33	0	0	0	0

BASKER-2 Well Cleanup, 29th September 2005

DATE	TIME	UcP	UcT	DcP	DcT	AnnP	GasP	GasT	GasD	OilT	DhP	DhT	QGas1i	QGas1av	Gas1Cum	QoSep1i	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	Qw1av	w1Cum	SepGORav	StkGORav
		psig	degF	psig	degF	psig	psig	degF	inwg	degF	psig	degF	MM/d	MM/d	MMcf	b/d	b/d	bbls	b/d	bbls	b/d	bbls	cf/b	cf/b
29/09/05	18:43:00	1749.9	106.2	967.9	91.8	268.3	358.5	116.8	75.6	117.9	530.6	116.2	0	0	0.08	6760.73	6810.74	343.49	6399.37	322.74	0	0	0	0
29/09/05	18:44:00	1750.8	106.2	967.3	91.7	270.4	354.5	117.3	74.5	118.5	529.8	116.7	0	0	0.08	6983.54	6810.74	348.34	6399.37	327.3	0	0	0	0
29/09/05	18:45:00	BS&W at choke manifold showed 100% oil and trace of water.																						
29/09/05	18:45:00	1751.2	106.2	967.5	91.8	273.2	355.9	117.2	75.2	118.9	530	117	0	0	0.08	6760.51	6793.97	353.03	6383.61	331.71	0	0	0	0
29/09/05	18:46:00	1751.2	106.2	968.7	91.9	274.9	358.4	116.8	75.4	118.8	531.6	116.7	0	0	0.08	6648.78	6793.97	357.65	6383.61	336.05	0	0	0	0
29/09/05	18:47:00	1751.6	106.2	967.3	91.9	277.3	356.4	116	74.9	118.4	530.8	116	0	0	0.08	6886.18	6793.97	362.43	6383.61	340.54	0	0	0	0
29/09/05	18:48:00	1752.4	106.3	968.7	91.8	279.4	358.6	115.3	75.3	117.8	532.3	115.3	0	0	0.08	6662.94	6793.97	367.06	6383.61	344.89	0	0	0	0
29/09/05	18:49:00	1753.2	106.3	968.3	91.5	281.4	355.4	115.2	74.7	117.3	530.4	115	0	0	0.08	6955.66	6793.97	371.89	6383.61	349.43	0	0	0	0
29/09/05	18:50:00	1753.8	106.3	969.3	91.4	284.7	358.9	115.2	75.3	117.1	532.3	115	0	0	0.08	6690.6	6768.83	376.53	6359.99	353.79	0	0	0	0
29/09/05	18:51:00	1754.6	106.3	968.7	91.3	286.7	357.3	115.5	75	117.1	531.4	115.3	0	0	0.08	6872.24	6768.83	381.31	6359.99	358.27	0	0	0	0
29/09/05	18:52:00	1755.7	106.4	971	91.3	288.8	360.5	115.9	75.6	117.4	533.9	115.7	0	0	0.08	6662.72	6768.83	385.93	6359.99	362.62	0	0	0	0
29/09/05	18:53:00	1756.1	106.3	969.5	91.2	290.4	356.4	116.1	74.9	117.8	531.2	116	0	0	0.08	7011.42	6768.83	390.8	6359.99	367.2	0	0	0	0
29/09/05	18:54:00	1756.1	106.2	972.8	91.2	293.3	363	116	75.8	118	536.6	116	0	0	0.08	6468.01	6768.83	395.29	6359.99	371.42	0	0	0	0
29/09/05	18:55:00	1756.1	106.2	969.9	91.1	293.7	358.3	115.3	75.2	117.8	531.4	115.5	0	0	0.08	7025.36	6807.95	400.17	6396.75	376	0	0	0	0
29/09/05	18:56:00	1756.7	106.3	971.4	91	297	361.8	114.7	75.7	117.3	534.5	114.8	0	0	0.08	6649	6807.95	404.79	6396.75	380.34	0	0	0	0
29/09/05	18:57:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.																						
29/09/05	18:57:00	1906.7	106.2	330.5	90.9	302.3	318	114	0	116.8	330.7	114.2	0	0	0.08	5798.71	6807.95	408.82	6396.75	384.12	0	0	0	0
29/09/05	18:58:00	1964.8	105.7	75.4	90.5	301.9	298	110.5	0	116.3	70.7	112.9	0	0	0.08	431.9	6807.95	409.12	6396.75	384.41	0	0	0	0
29/09/05	18:59:00	1968.7	104.9	9.1	89.7	292.1	284.8	108.3	0	116.1	9.7	111.7	0	0	0.08	0	6807.95	409.12	6396.75	384.41	0	0	0	0
29/09/05	19:00:00	1970.9	104.2	13.6	88.7	279	273.3	106.3	0	115.8	14.4	110.6	0	0	0.08	0	2571.63	409.12	2416.31	384.41	0	0	0	0
29/09/05	19:01:00	Closed master valve on flowhead.																						
29/09/05	19:01:00	1974.2	103.4	14.2	88.1	264.7	263.9	104.4	0	115.6	13.8	109.6	0	0	0.08	0	2571.63	409.12	2416.31	384.41	0	0	0	0
29/09/05	19:02:00	Bled off pressure above master valve.																						
29/09/05	19:02:00	1562.1	102.7	203.9	87.4	248.3	255.7	102.7	0	115.4	136.3	108.6	0	0	0.08	0	2571.63	409.12	2416.31	384.41	0	0	0	0

Attachment 10 : Downhole Completion Reports

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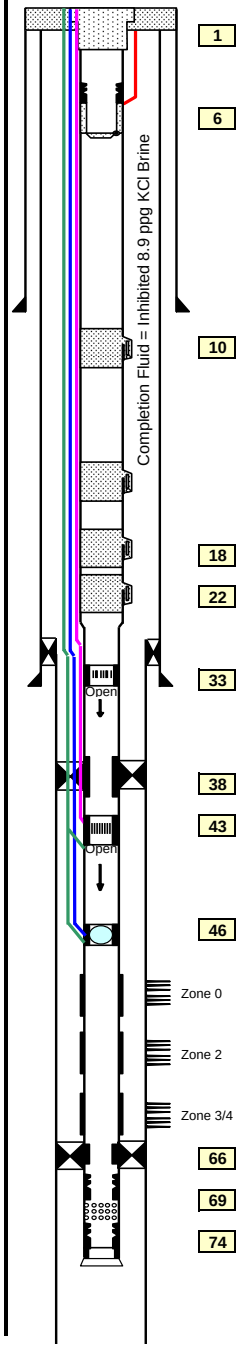
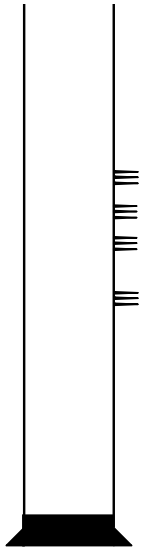
BASKER-2 COMPLETION			Revision 0, 6 October, 2005	Tandem 4-1/2" x 3-1/2" 13-Chrome Intelligent Completion							Run Dates : 22-24 Sep 2005		
ACTUAL	**ITEM**	**QTY**	**DESCRIPTION**	**Material**	**Top Conn.**	**Bottom Conn.**	**Drift or Min ID**	**Nom ID**	**Max OD**	**Length**	**MD RT (MSL)**	**MD below Tbg Hgr**	**TVD RT (MSL)**
			Elevation, Original RT to top of Tubing Hanger	-	-	-	-	-	-	171.45m	0.00m		
1	1	1	**Tubing Hanger**, Cameron 4-1/2" x 18-3/4" STC-10 (Inconel inlay)	410SS	G-2 Conn.	Vam Top	3.985"	4.000"	18.600"	0.88m	**171.45m**	0.00m	171m
	2	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft (pin x pin)	13Cr95	Vam Top	New Vam	3.875"	4.000"	4.917"	1.34m	172.33m	0.88m	
	3	1	Saver-sub Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	0.82m	173.67m	2.22m	
	4	5	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	62.37m	174.49m	3.04m	
6	5	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft w/ Upper Cable Protector	13Cr95	New Vam	Vam Top	3.875"	4.000"	8.110"	1.60m	236.86m	65.41m	
	6	1	**TR-SSSV**, 4-1/2" Halliburton '**SP**' 78OO1425-ENO w/ 3.813" RQ Nipple	13Cr80	Vam Top	Vam Top	3.813"	3.813"	7.350"	2.30m	**238.46m**	67.01m	238m
	7	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft w/ Lower Cable Protector	13Cr95	Vam Top	New Vam	3.875"	4.000"	8.110"	1.53m	240.76m	69.31m	
	8	102	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1258.48m	242.29m	70.84m	
	9	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	1500.77m	1329.32m	
	10	1	**Gas-Lift Side-Pocket Mandrel**, 4-1/2" Camco **MMG** 100189957	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.79m	**1502.35m**	1330.90m	1502m
	11	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	1505.14m	1333.69m	
	12	80	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	988.02m	1506.73m	1335.28m	
	13	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2494.75m	2323.30m	
	14	1	**Gas-Lift Side-Pocket Mandrel**, 4-1/2" Camco **MMG** 100189957	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.80m	**2496.33m**	2324.88m	2496m
10	15	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	2499.13m	2327.68m	
	16	24	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	298.23m	2500.72m	2329.27m	
	17	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2798.95m	2627.50m	
	18	1	**Gauge Side-Pocket Mandrel**, 4-1/2" Camco **MMG-10** 100189971	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.79m	**2800.53m**	2629.08m	2797m
	19	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	2803.32m	2631.87m	
	20	1	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	12.48m	2804.91m	2633.46m	
	21	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2817.39m	2645.94m	
	22	1	**Gauge Side-Pocket Mandrel**, 4-1/2" Camco **MMG-10** 100189971	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.80m	**2818.97m**	2647.52m	2814m
	23	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.57m	2821.77m	2650.32m	
	24	1	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	12.48m	2823.34m	2651.89m	
18	25	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	Vam Top	3.875"	4.000"	4.877"	1.59m	2835.82m	2664.37m	
	26	1	Coupling, 4-1/2" 11.6 lb/ft	13Cr95	Vam Top	Vam Top	3.875"	4.000"	4.917"	0.19m	2837.41m	2665.96m	
22	27	1	**Production Crossover**, 4-1/2" 11.6 lb/ft pin x 3-1/2" 9.2 lb/ft box	13Cr80	Vam Top	Vam Top	2.867"	2.959"	4.515"	0.45m	**2837.60m**	2666.15m	2831m
	28	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft (pin x pin)	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.33m	2838.05m	2666.60m	
	29	10	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	96.35m	2839.38m	2667.93m	
	30	3	Space-out Pup Joint(s), 3-1/2" 9.2 lb/ft	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	8.55m	2935.73m	2764.28m	
33	31	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2944.28m	2772.83m	
	32	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	2953.92m	2782.47m	
	33	1	**Sliding Sleeve**, 3-1/2" Hallib. Durasleeve 821**XD**28161-F with 2.813" X Nipple	13Cr80	Vam Top	Vam Top	2.813"	2.813"	4.550"	1.23m	**2955.43m**	2783.98m	2938m
	34	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.52m	2956.66m	2785.21m	
38	35	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2958.18m	2786.73m	
	36	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	2967.82m	2796.37m	
43	37	1	Splice Clamp, 3-1/2" WellDynamics 235**SFC**703503	13Cr80	Vam Top	Vam Top	2.750"	3.515"	5.905"	0.39m	2969.33m	2797.88m	
	38	1	**Packer**, 7" x 3-1/2" WellDynamics 722**HF1**702939 Retrievable, with **pip tag** (in splice clamp) 0.39m above top of packer	13Cr80	Vam Top	Vam Top	2.750"	2.750"	5.995"	3.62m	**2969.72m**	2798.27m	2950m
	39	1	Splice Sub, 3-1/2" WellDynamics 235**SF**0703516	13Cr80	Vam Top	Vam Top	2.750"	2.962"	5.900"	0.56m	2973.34m	2801.89m	
	40	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	2973.90m	2802.45m	
46	41	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2975.41m	2803.96m	
	42	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.50m	2985.05m	2813.60m	
	43	1	**Interval Control Valve**, 3-1/2" WellDynamics 215**HVC**350012	13Cr80	Vam Top	Vam Top	2.750"	2.750"	5.850"	3.16m	**2986.55m**	2815.10m	2965m
	44	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.878"	1.52m	2989.71m	2818.26m	
	45	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.922"	1.51m	2991.23m	2819.78m	
	46	1	**Lubricator Valve**, 3-1/2" WellDynamics 560**LV**135W000	13Cr80	Vam Top	Vam Top	2.890"	2.890"	5.645"	2.45m	**2992.74m**	2821.29m	2970m
	47	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	2995.19m	2823.74m	
	48	2	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	19.27m	2996.70m	2825.25m	
	49	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.50m	3015.97m	2844.52m	
	50	5	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	14.91m	3017.47m	2846.02m	
	51	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3032.38m	2860.93m	
66	52	6	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	56.34m	3033.89m	2862.44m	
	53	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3090.23m	2918.78m	
69	54	3	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	8.94m	3091.74m	2920.29m	
	55	1	**Blast Joints**, 3-1/2" Halliburton 811**BN**28172-F (each 30 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.880"	4.020"	9.09m	3100.68m	2929.23m	
74	56	2	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	5.97m	3109.77m	2938.32m	
	57	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.52m	3115.74m	2944.29m	
	58	1	Space-out Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	5.02m	3117.26m	2945.81m	
	59	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3122.28m	2950.83m	
	60	3	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	8.94m	3123.79m	2952.34m	



BASKER-2 COMPLETION	Revision 0, 6 October, 2005	Tandem 4-1/2" x 3-1/2" 13-Chrome Intelligent Completion	Run Dates : 22-24 Sep 2005
ACTUAL			



ITEM	QTY	DESCRIPTION	Material	Top Conn.	Bottom Conn.	Drift or Min ID	Nom ID	Max OD	Length	MD RT (MSL)	MD below Tbg Hgr	TVD RT (MSL)
61	1	**Blast Joints**, 3-1/2" Halliburton 811**BN**28172-F (each 30 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.880"	4.020"	9.09m	3132.73m	2961.28m	
62	2	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	5.96m	3141.82m	2970.37m	
63	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3147.78m	2976.33m	
64	3	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	28.91m	3149.29m	2977.84m	
65	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.59m	3178.20m	3006.75m	
66	1	**Packer**, 7" x 3-1/2" Halliburton 812**AHC**72412-F Retrievable	13Cr80	Vam Top	Vam Top	2.902"	2.902"	5.930"	2.12m	**3179.79m**	3008.34m	3135m
67	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.43m	3181.91m	3010.46m	
68	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3183.34m	3011.89m	
69	1	**Landing Nipple**, 3-1/2" Halliburton 811**X**27527-F, 2.750" Bore	13Cr80	Vam Top	Vam Top	2.750"	2.992"	3.900"	0.30m	**3184.85m**	3013.40m	3139m
70	1	**Perforated Pup Joint**, 3-1/2" 9.3 lb/ft (20 ft)	13Cr80	Vam Top	Vam Top	2.867"	2.992"	3.922"	3.01m	3185.15m	3013.70m	
71	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3188.16m	3016.71m	
72	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	3189.67m	3018.22m	
73	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3199.31m	3027.86m	
74	1	**Landing Nipple**, 3-1/2" Halliburton 811**XN**27586-F, 2.750" Bore, 2.635" NoGo	13Cr80	Vam Top	Vam Top	2.635"	2.992"	3.900"	0.37m	**3200.82m**	3029.37m	3153m
75	1	Pup Joint, 3-1/2" 9.2 lb/ft (15 ft)	13Cr80	Vam Top	Vam Top	2.867"	2.992"	3.922"	5.01m	3201.19m	3029.74m	
76	1	**Wireline Re-entry Guide**, 3-1/2" Halliburton 812**M**1081-F	13Cr80	Vam Top	-	2.950"	2.950"	5.750"	0.24m	3206.20m	3034.75m	
		Bottom of Tubing		-					0.00m	**3206.44m**	3034.99m	3158m

Perforations :

Zone	Fluid	Comments	Perf. Date	Gun Type	Shot Density	Phasing	Charge Type	Length	Top Shot, MDRT	Btm Shot MDRT	Top Shot TVDRT
0	Oil	Perforated overbalanced before running completion (Run #5)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.30m	3022.30m	3026.60m	2996m
1	Oil	Perforated overbalanced before running completion (Run #4)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.70m	3097.60m	3102.30m	3062m
1	Oil	Perforated overbalanced before running completion (Run #4)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.40m	3104.60m	3109.00m	3068m
2	Oil	Perforated overbalanced before running completion (Run #3)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	11.00m	3130.60m	3141.60m	3091m
5	Oil	Perforated overbalanced before running completion (Run #1, Select #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.00m	3239.60m	3243.60m	3188m
6	Oil	Perforated overbalanced before running completion (Run #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	7.60m	3261.70m	3269.30m	3208m
6	Oil	Perforated overbalanced before running completion (Run #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	10.00m	3273.00m	3283.00m	3218m
6	Oil	Perforated overbalanced before running completion (Run #1, Select #1)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.00m	3287.00m	3291.00m	3230m

Casing & Liner Data :

Item	Size	Comments	Material / Grade	Weight lb/ft	Top Connect.	Bottom Conn.	Min ID	Max OD	Length	Top, MDRT MSL	Bottom, MDRT MSL	Bottom, TVDRT
1	30"	36" hole to be drilled to approx 35m below seabed	X52		Lynx	Lynx	28.000"		34.69m	174.50m	209.19m	209m
2	13-3/8"	Cameron 18-3/4" STC-10 Wellhead w/ crossover to 13-3/8" csg	L80	68.00 lb/ft	Buttress	Buttress	12.259"	14.375"	826.47m	173.53m	1000.00m	1000m
3a	9-5/8"	Top section of casing	L80	47.00 lb/ft	Vam Top	Vam Top	8.525"	10.396"	2270.53m	173.82m	2444.35m	2444m
3b	9-5/8"	Bottom section of casing	L80	53.50 lb/ft	NSCC	NSCC	8.379"	10.625"	500.53m	2444.35m	2944.88m	2929m
4	7"	Liner (PBTD at 3382m MDRT)	13Cr80	29.00 lb/ft	Fox	Fox	6.059"	7.614"	559.06m	2853.94m	3413.00m	3344m

Other Information :

1	Water Depth = 156m, RT Elevation = 21.5m, top of tubing hanger is at 171.45m MDRT.
2	Installed total of 20 x 3-1/2" Tubetec Series 200 Stainless Steel Cross-Coupling Protectors, plus 221 x 4-1/2" Tubetec Series 200 Carbon Steel Cross-Coupling Protectors, plus Tubetec Carbon Steel Upper and Lower Cable Protectors (above and below TR-SSSV), to protect 28mm x 12mm encapsulated 3-core flatpack control line between Tubing Hanger and HF-1 Packer, and to protect 11mm x 11mm encapsulated single-core control line between Tubing Hanger and TR-SSSV
3	Markers to aid correlation : 9-5/8" crossover at 2438m MDRT, pip tags in 7" Liner at 2912m MDKB and 3-1/2" completion at 2969.3m MDKB, and 7" short joints (2.5m long) set at 3062m & 3254m MDKB.
4	Completion fluid = Inhibited 8.9 ppg KCl Brine, with biocide added.
5	Actual String Weights (including riser, no Surface Flowhead or Stiff joint Assy) in 8.9 ppg brine : 230k pickup, 230k slackoff (both including 110k block weight).
6	Gas-Lift SPM at 1502m MDRT has been fitted with a 1-1/2" Camco Model 'RCB' Chemical Injection Valve (Serial No. ANZ-002) on RK Latch (Serial No. SWG4344).
7	Gas-Lift SPM at 2496m MDRT has been fitted with a 1-1/2" Camco Model 'RD' Dummy Gas Lift Valve (Serial No. SWG4765) on RK Latch (Serial No. SWG5220).
8	Gauge SPM at 2801m MDRT has been fitted with a 1-1/2" Spartek Sapphire P/T Memory Gauge (Serial No.4116), clock started at 22:17hrs on 22/9/05, 20 second sampling interval (max 1,000,000 samples).
9	Gauge SPM at 2819m MDRT has been fitted with a 1-1/2" Omega Premier Quartz P/T Memory Gauge (Serial No.889), clock started at 20:07hrs on 22/9/05, 30 second sampling interval (max 720,000
10	2 x 1.25" OD Spartek Sapphire P/T Memory Gauges (serial Nos 77466 & 76824) have been hung off in XN Landing Nipple at 3201m MDRT, clocks started at 10:10hrs and 12:45hrs respectively on 22/9/05, each 20 second sampling intervals (max 1,000,000 samples).

Department of Primary Industries

Our Ref: PE/17/0550

1 Spring Street
GPO Box 4440 Melbourne
Victoria 3001 Australia
Telephone:(03) 9658 4000
Facsimile: (03) 9658 4400
ABN 42 579 412 233
DX 210404

19 September 2005

Mr Andrew Young
Chief Operating Officer
Anzon Australia Ltd.
Suite 504, 165 Walker Street
NORTH SYDNEY, NSW 2060

Attention: Mr Barry Messent

Dear Mr Young

APPROVAL TO PERFORATE BASKER-2

I refer to the E-mail sent by Mr Barry Messent dated 19 September 2005 requesting approval to perforate the Basker-2 well over the following intervals:

Upper Group:

Zone 0	3022.3-3026.6m MDRT	(2974.5-2978.2m TVDSS)
Zone 1	3097.6-3102.3m MDRT	(3040.4-3044.5m TVDSS)
Zone 2	3104.6-3109.0m MDRT	(3046.6-3050.4m TVDSS)
Zone 4	3130.6-3141.6m MDRT	(3069.5-3079.2m TVDSS)

Lower Group

Zone 5	3239.6-3243.6m MDRT	(3166.4-3170.0m TVDSS)
Zone 6	3261.7-3269.3m MDRT	(3186.2-3193.1m TVDSS)
Zone 6	3273.0-3283.0m MDRT	(3196.4-3205.4m TVDSS)
Zone 6	3287.0-3291.0m MDRT	(3209.0-3212.6m TVDSS)

In accordance with the provisions of Clause 512 (2C) of the *Petroleum (Submerged Lands) Act, Schedule of Specific Requirement as to Offshore Petroleum Exploration and Production in Water under Commonwealth Jurisdiction 1997*, and Regulation 17 of the *Petroleum (Submerged Lands) (Management of Well Operations) Regulations 2004*, I hereby approve your proposed perforation operations of the above-mentioned well.

Yours sincerely

TERRY McKINLEY
Manager Petroleum Safety, Operations and Environment

Victoria
The Place To Be

DISTRICT	STATION	SET PACKER AND PRESSURE TEST	COMPANY	Schlumberger
APG			Anzon	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	Development		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
02:20 24th Sept 05						

TIME & DATE JOB COMPLETED	DRILL FLUID Type	Wt.	Vis	FORMATION	SIR NUMBER
4:22 25th Sept 05					

Casing Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at	Previous Casing TOP	Bottom	Size

Completion Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	BRIDGE PLUG Type	Depth	TAIL PIPE Type	Depth

CASING EQUIPMENT USED SHOE Float Stab	COLLAR Float Stab	PLUGS Top	Bottom	CENT. Qty.	Type	CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB Time - Min.	Vol. BBLS	Press - PSI

WASH Wt.	Vol. BBLS	Fill	SPACER Wt.	Vol. BBLS	Fill	LEAD SLURRY Wt.	Vol.	Mix Water	Fill	TAIL SLURRY Wt.	Vol.	Mix Water	Fill

EQUIPMENT	Pump Unit S/No.	DURING JOB WAS PIPE	PARAMETERS RECORDED: ON:	MUD RETURNS
LAS Pump Batch Compressor LPJ Unit Mixer RCM		Rotated yes Reciprocated yes	Press Rate Vol Dty Recorder	LOST DURING JOB BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED

TIME	PRESSURE Low	High	VOLUME BBL	BPM	LT MIN	RECORD OF SERVICE
02:20			13			Flush lines
02:25		3000				Line test - No test
02:35		3000				Line test Good test
02:47		3000				Lower annulus and tubing hanger - Good test
03:02			2	1		Pump to confirm circulation
05:01						Flush line with brine
05:09	500	5000				Test line - Good test
05:38	500	5000				Set packer in 500psi increment
06:55	500	4500				Test annulus and tubing together
07:24						Bleed off annulus
07:32						Bleed off tubing
07:40						Pressure up annulus to 650psi to open chemical injection valve
10:20	400					Pump dart thru
10:36	400					Pump dart thru
10:52	400					Pump dart thru
11:05	500					Pressure test to set packer no test
11:12	500					No test
11:16	500					No test
11:21	500					Pressure up tubing to 500 with annulus open monitor return inconclusive
11:32	500					Pressure test tubing no test
11:41	500					pressure test tubing and annulus good test
00:21	650		2	0.5		Open chemical injection line and flush
00:32	500					Pressure test to set packer good test
00:40		5000				Set packer in 500 psi increments bled back 2.25bbls
02:26	500	5000				Tubing test good test
02:49	500	5000				Test to safety valve good test
04:05	500	5000				Test tubing hanger plug good test

No. OF DS PERSONNEL ON JOB	STEM1 DONE? YES X NO		TOTAL LOST TIME 0 H	TOTAL OPERATING TIME 6 H
SUP S.S 1 MECH F.E. HEL 1	CUSTOMER COMMENTS		DS REPRESENTATIVE	Edgardo Llagas Gary Langtree

QUALITY OF SERVICE	GOOD	SATISFACTORY	POOR	CUSTOMER REPRESENTATIVE
				Ron King

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		Pumping Diesel Press.Test 'Xmas Tree & Accs.	Anzon	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	Development		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
14:40 27th Sept 05						

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	Type	Wt.	Vis		
04:10 29th Sept 05					

Casing							Previous Casing		
Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at	TOP	Bottom	Size

Completion							BRIDGE PLUG		TAIL PIPE	
Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED					CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE Float Stab	COLLAR Float Stab	PLUGS Top Bottom	CENT. Qty. Type			Time - Min.	Vol. BBLS	Press - PSI

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
Wt.	Vol. BBLS	Fill	Wt.	Vol. BBLS	Fill	Wt.	Vol.	Mix Water	Fill	Wt.	Vol.	Mix Water	Fill

EQUIPMENT						DURING JOB WAS PIPE		PARAMETERS RECORDED:		ON:	MUD RETURNS
LAS	Pump	Batch	Compressor			Rotated	yes				LOST DURING JOB
LPJ	Unit	Mixer	RCM	Pump Unit S/No.		Reciprocated	yes	Press Rate Vol Dty		Recorder	BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
16:22	500	5000				Test Annular access hose x ann.acces valve - Ok
19:44	500	5000				Test Flowhead coflexip hoses x stiff joint x cross over on PSV & Prod. Choke
15:43	500	5000				Start pressure testing 'Xmas tree and accs.
21:52	500	5000				Stop pressure testing 'Xmas tree and accs
00:14						Start pumping Diesel into tubing
02:04						Stop pumping Diesel
04:01	300	3,000				Pressure up tubing to 3000psi

No. OF DS PERSONNEL ON JOB	STEM1 DONE? YES X NO		TOTAL LOST TIME 0 H	TOTAL OPERATING TIME H
SUP [ ] S.S [1]	CUSTOMER COMMENTS			DS REPRESENTATIVE
MECH [ ] F.E. [ ] HEL [1]				Gary Langtree / Edgar Llagas

QUALITY OF SERVICE	GOOD [ ]	SATISFACTORY [ ]	POOR [ ]	CUSTOMER REPRESENTATIVE
				Ron King

DISTRICT	STATION	TYPE SERVICE	COMPANY	Schlumberger
APG		Pumping Diesel Bull heading	Anzon	

RIG	TYPE OF WELL	FIELD	WELL No.	SERVICE REPORT
Ocean Patriot	Development		Basker 2	

TIME AND DATE JOB STARTED	TOTAL DEPTH	SIZE HOLE	DEVIATION	BHST	BHCT	INVOICE NUMBER
19:00 29th Sept 05						

TIME & DATE JOB COMPLETED	DRILL FLUID			FORMATION	SIR NUMBER
	Type	Wt.	Vis		
02:25 30th Sept 05					

Casing							Previous Casing		
Size	Depth	Type	Wt.	Volume	Allowable Press.	Collar at	TOP	Bottom	Size

Completion							BRIDGE PLUG		TAIL PIPE	
Size	Depth	Type	Wt.	Packer @	top	Shoe Depth	Type	Depth	Type	Depth

CASING EQUIPMENT USED				CEMENT HEAD	MUD CIRCULATION PRIOR TO JOB		
SHOE Float Stab	COLLAR Float Stab	PLUGS Top Bottom	CENT. Qty. Type		Time - Min.	Vol. BBLS	Press - PSI

WASH			SPACER			LEAD SLURRY				TAIL SLURRY			
Wt.	Vol. BBLS	Fill	Wt.	Vol. BBLS	Fill	Wt.	Vol.	Mix Water	Fill	Wt.	Vol.	Mix Water	Fill

EQUIPMENT						DURING JOB WAS PIPE		PARAMETERS RECORDED:		ON:	MUD RETURNS
LAS	Pump	Batch	Compressor			Rotated	yes				LOST DURING JOB
LPJ	Unit	Mixer	RCM	Pump Unit S/No.		Reciprocated	yes	Press Rate Vol Dty		Recorder	BBLS

LEAD SLURRY	TAIL SLURRY	MATERIALS USED

TIME	PRESSURE Low	PRESSURE High	VOLUME BBL	VOLUME BPM	LT MIN	RECORD OF SERVICE
19:00			14	1.5		Flush Kill wing valve on flow head and to Expro choke manifold
19:30		1900	105	1.7		Start bull heading into the well
22:11						Equqlize pressure to open SSSV to 940psi and Bled off to 243psi
22:20						Pressure up to 940psi to close SSSV
23:06			15			Flush flow head to Expro with Seawater
23:19			172	7		Flush the Riser and 'Xmas tree with Seawater
23:56			14	5		Pump inhibited Seawater
00:31	500	5000				Pressure test annulus access and Master valve
00:54	500	5000				Pressure test annulus wing valve
01:19	500	5,000				Pressure test x-over wing valve
01:47	500	5,000				Pressure test Production swab valve
02:09	500	5,000				Pressure test TSV
02:30						End of job

No. OF DS PERSONNEL ON JOB						STEM1 DONE? YES X NO		TOTAL LOST TIME 0 H	TOTAL OPERATING TIME H
SUP		S.S	1			CUSTOMER COMMENTS		DS REPRESENTATIVE	
MECH		F.E.		HEL	1			Gary Langtree / Edgar Llagas	

QUALITY OF SERVICE	GOOD	SATISFACTORY	POOR	CUSTOMER REPRESENTATIVE
				Ron King

Attachment 11 : Wellhead Diagrams

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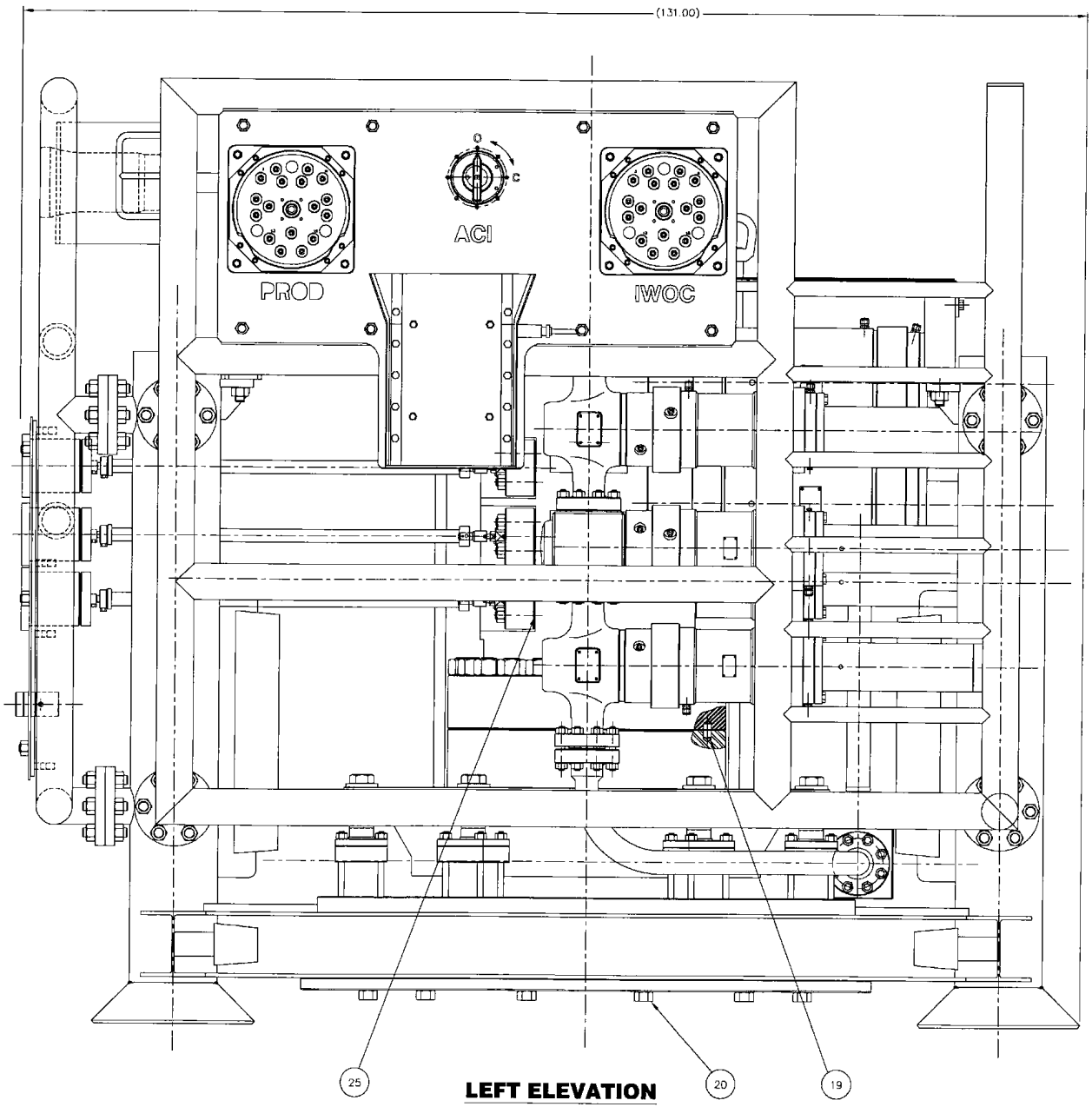

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GENERAL NOTES A. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES B. SPECIAL ALL 3-WAY SERIES 21-53 R ON AP C. INTERPRET DIMS. PER ANSI Y 14.5 STANDARD D. SEE R/M FOR MATERIAL AND SPECIAL REQUIREMENTS. E. ITEM NUMBERS NOT APPEARING ON R/N DO NOT APPLY.	X ± . .XX ± . .XXX ± . ANGLES ± °	MATERIAL & HEAT TREAT	DRAWN BY J RAMAGE DATE 05/04/2005 CHECKED C. SINCLAIR DATE 05/04/2005 APPROVED C. SINCLAIR DATE 06/04/2005	SEE SHEET 1	
CAD	√ AA ON ALL MACHINED SURFACES	SUPERSEDES DATED	INITIAL ISSUE R/N 2210040	SHEET 3 of 7	SK-086039-87

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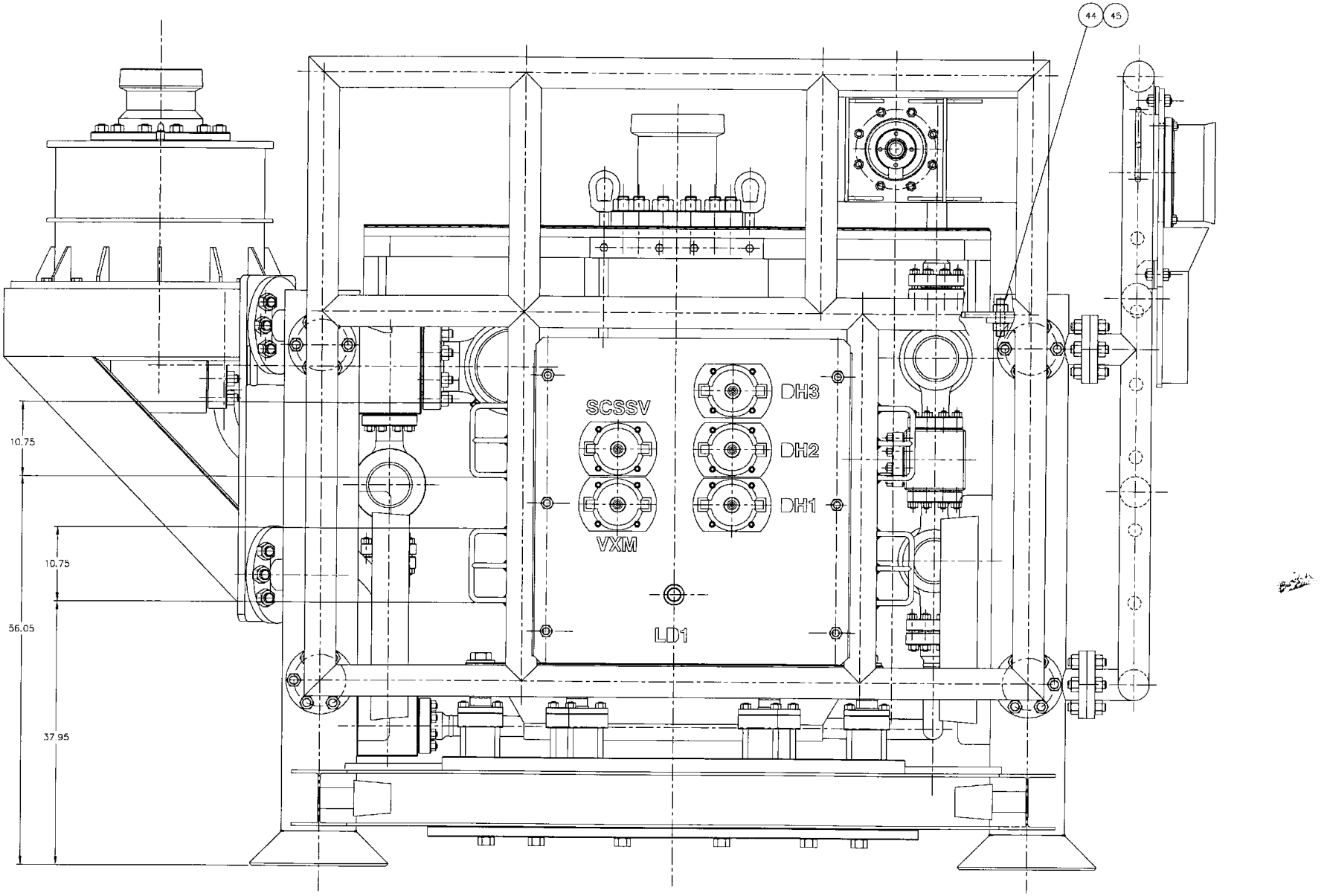

REAR ELEVATION

A1 SIZE SHEET GENERAL NOTES A. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES B. BREAK ALL SHARP EDGES .01+.03 R OR 45° C. INTERPRET DWG. PER ANSI Y 14.5 STANDARD. D. SEE B/M FOR MATERIAL AND SPECIAL REQUIREMENTS. E. ITEM NUMBERS NOT APPEARING ON B/M DO NOT APPLY.	THIS DOCUMENT CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION WHICH IS THE PROPERTY OF CAMERON AUSTRALASIA, A DIVISION OF COOPER CAMERON CORPORATION, AND ACCEPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO LOAN, SELL OR OTHERWISE DISCLOSE SAID INFORMATION. RE-PRODUCTION OR USE OF SAID INFORMATION FOR ANY PURPOSE OTHER THAN THAT IN CONNECTION WITH WHICH SAID INFORMATION WAS SUPPLIED MAY NOT BE MADE WITHOUT EXPRESS WRITTEN PERMISSION OF CAMERON AUSTRALASIA. THIS DOCUMENT IS TO BE RETURNED TO CAMERON AUSTRALASIA UPON REQUEST AND IN ALL EVENTS UPON COMPLETION OF THE PURPOSE FOR WHICH IT IS LOANED.	TOLERANCE UNLESS OTHERWISE SPECIFIED X ± .1 .XX ± .01 .XXX ± .005 ANGLES ± 1° √ AA ON ALL MACHINED SURFACES	SURFACE TREATMENT MATERIAL & HEAT TREAT SUPERSEDES DATED	DO NOT SCALE DRAWN BY J RAMAGE DATE 05/04/2005 CHECKED C. SINCLAIR DATE 05/04/2005 APPROVED C. SINCLAIR DATE 06/04/2005 INITIAL ORD. B/A 2210040	CAMERON Cameron Australasia Pty. Ltd. Subsidiary of Cooper Cameron Corporation P.O. Box 789, ST. ALBANS, VIC. 3021 A.C.N. 004 729 631 SEE SHEET 1 SHEET 4 OF 7 SK-086039-87

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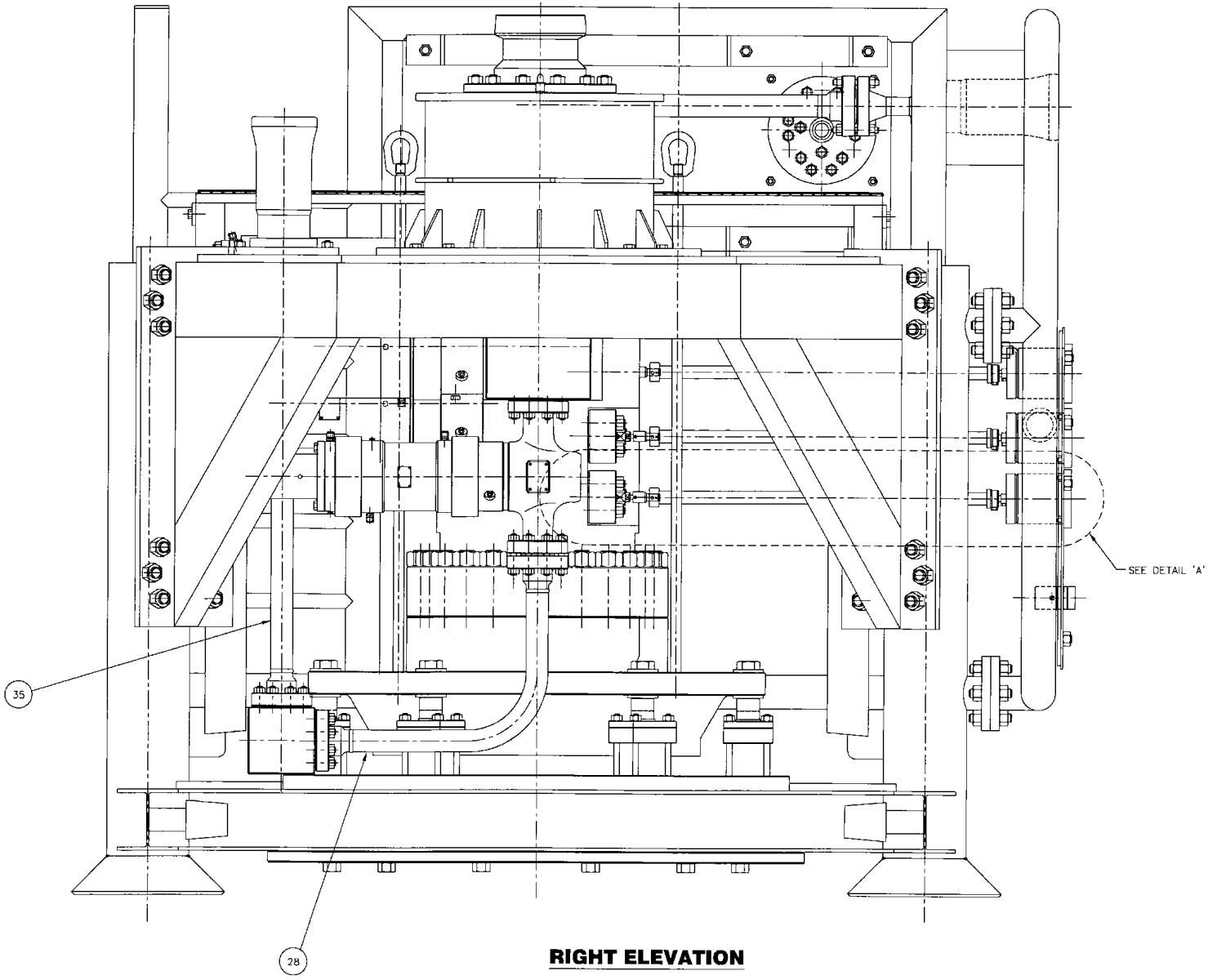

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GENERAL NOTES A. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES B. BREAK ALL SHARP EDGES .01 - .03 R OR 45° C. INTERPRET DIM. PER ANSI Y 14.5 STANDARD. D. SEE B/M FOR MATERIAL AND SPECIAL REQUIREMENTS E. ITEM NUMBERS NOT APPEARING ON B/M DO NOT APPLY.	X ±	ANGLES ±	MATERIAL & HEAT TREAT	DRAWN BY J RAMAGE 05/04/2005 CHECKED C. SINCLAIR 05/04/2005 APPROVED C. SINCLAIR 06/04/2005	SEE SHEET 1
CAD	XX ± XXX ±	√ ALL MACHINED SURFACES	SUPERSEDES	DATED	INITIAL USE B/M 2210040	SHEET 5 of 7 SK-086039-87

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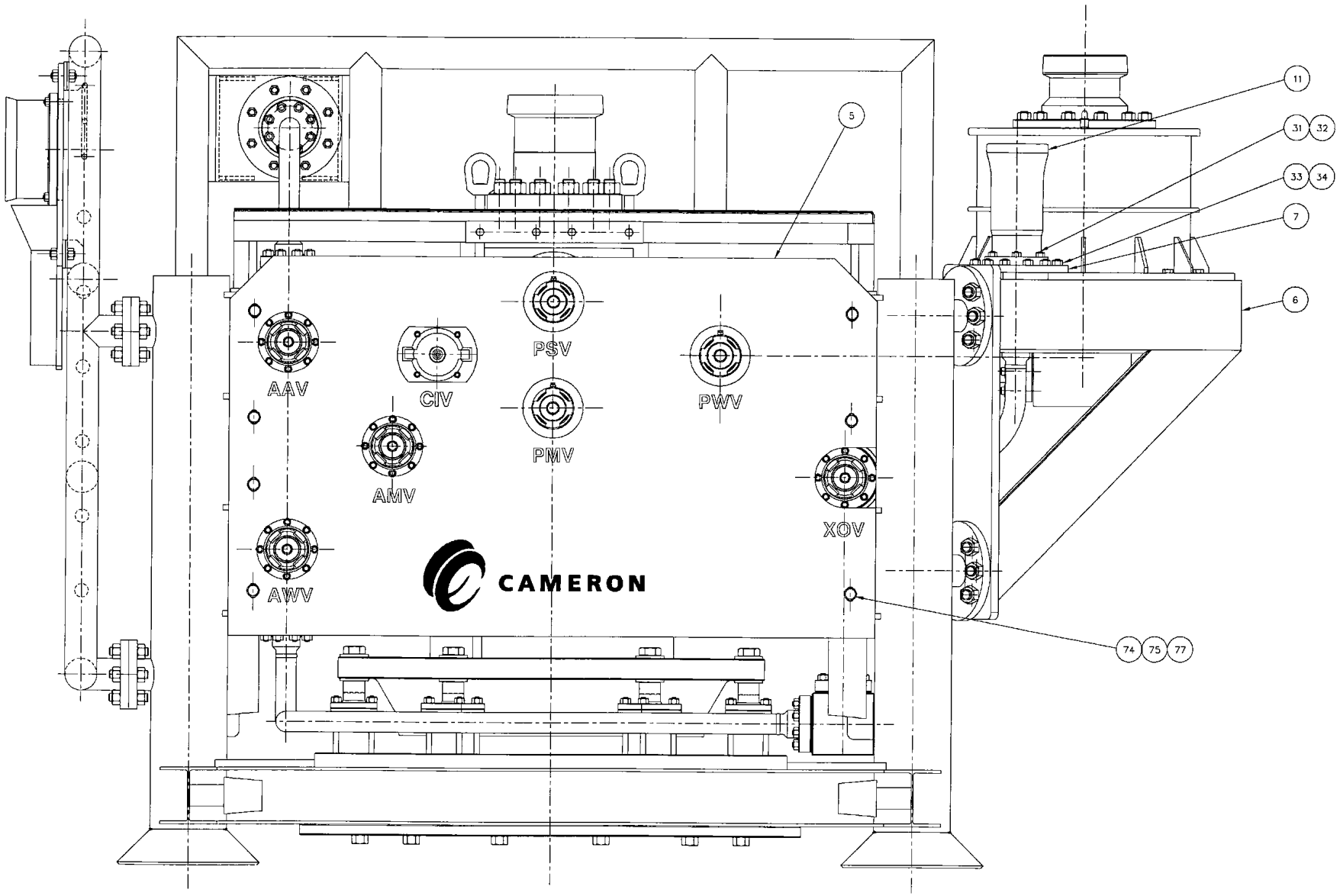

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GENERAL NOTES A. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES B. BREAK ALL SHARP EDGES .01-.02 R OR 45° C. INTERPRET DWG. PER ANSI Y 14.5 STANDARD D. REF P/N FOR MATERIAL AND SPECIAL REQUIREMENTS E. ITEM NUMBERS NOT APPEARING ON P/N DO NOT APPLY.	.X ± . .XX ± . .XXX ± .	ANGLES ± . √ AA ON ALL MACHINED SURFACES	MATERIAL & HEAT TREAT SUPERSEDES DATED	DRAWN BY J RAMAGE DATE 05/04/2005 CHECKED C. SINCLAIR DATE 05/04/2005 APPROVED C. SINCLAIR DATE 05/04/2005 INITIAL USE P/N 2210040		SEE SHEET 1 SHEET 6 of 7 SK-086039-87

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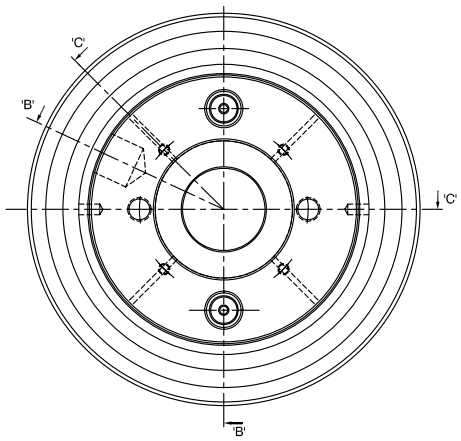
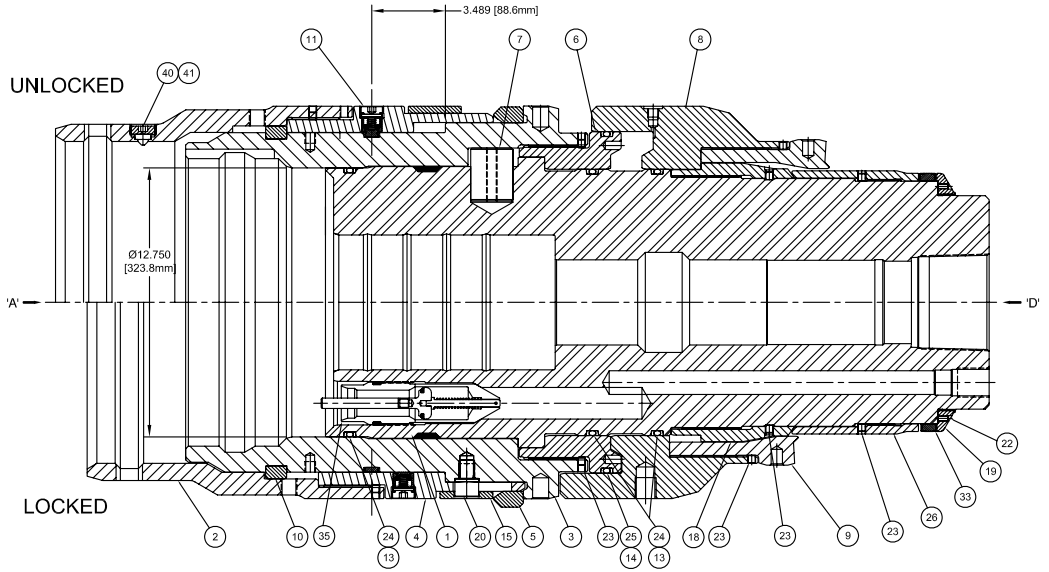
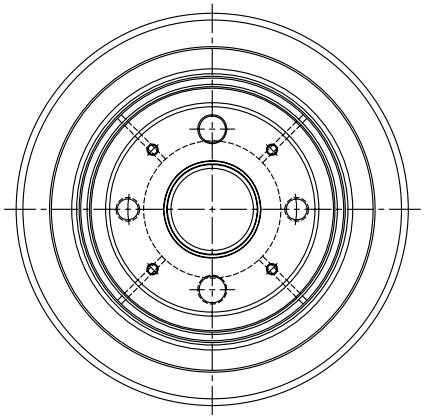
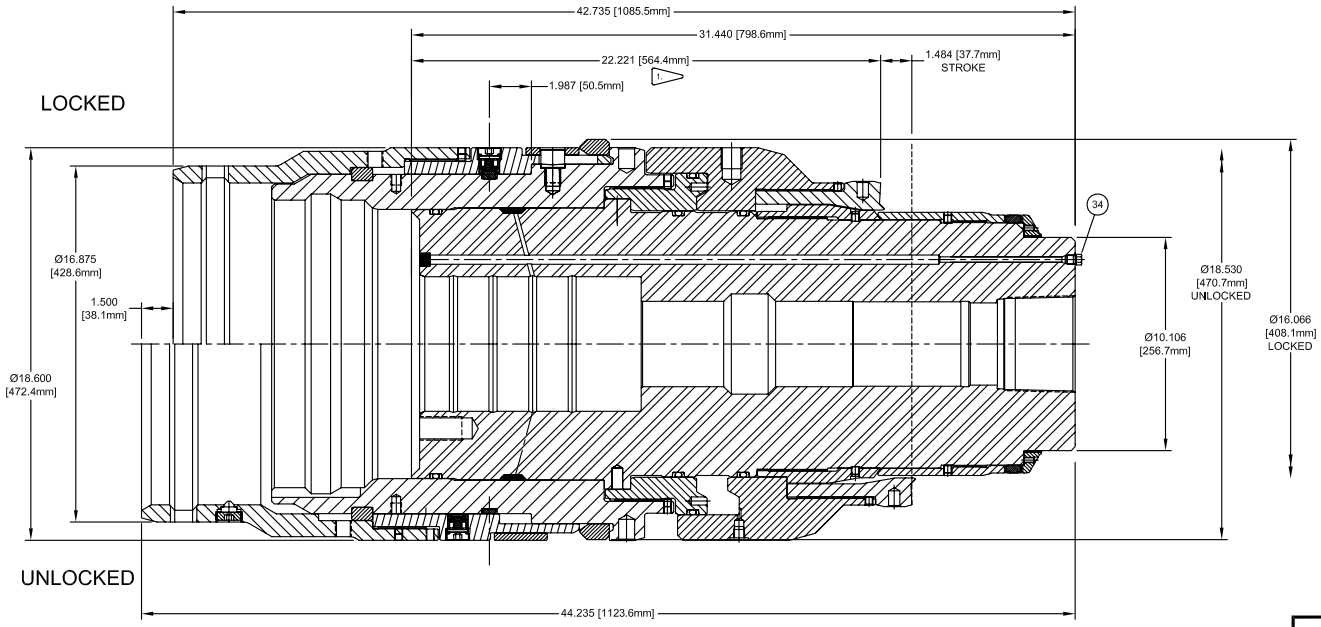


~ VIEW 'A' ~



~ SECTION 'B' - 'B' ~





~ SECTION 'C' - 'C' ~

NOTES:

1. ADJUSTMENTS ARE BASED ON MEASURED WELLHEAD AND CASING HANGER DIMENSIONS.

2 ALL DIMENSIONS ARE REFERENCE ONLY. DIMENSIONS IN PARENTHESES ARE METRIC (mm).

EST. WT: 2027 LBS.

~ ASSEMBLY DETAIL ~
TUBING HANGER 18-3/4" O.D. 5 000 PSI W.P.
CONCENTRIC BORE

02
REV

A1 SIZE SHEET

GENERAL NOTES

A. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
B. BREAK ALL SHARP EDGES .01+.01R OR 45°
C. INTERPRET DWG. PER ANSI Y 14.5 STANDARD.
D. SEE BM FOR MATERIAL AND SPECIAL REQUIREMENTS.
E. ITEM NUMBERS NOT APPEARING ON BM DO NOT APPLY.

CAD

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TOLERANCE UNLESS OTHERWISE SPECIFIED			SURFACE TREATMENT	DO NOT SCALE		
.X ± –	ANGLES ± 2		2	DRAWN BY J.RAMAGE	DATE 22-02-05	Cameron Australasia Pty. Ltd. Subsidiary of Cooper Cameron Corporation P.O. Box 789, ST. ALBANS, VIC. 3021 A.C.N. 004 729 631
.XX ± .03	125 AA ON ALL MACHINED SURFACES		MATERIAL & HEAT TREAT 1	CHECKED A.SEREY	DATE 28-02-05	SEE ABOVE
.XXX ± .015			SUPERSEDES	APPROVED A.SEREY	DATE 23-02-05	
			DATED	INITIAL USE B/M 2209965-01		SHEET 1 OF 1 SK-086039-69

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Attachment 12 : Downhole & Wellhead Valve Status

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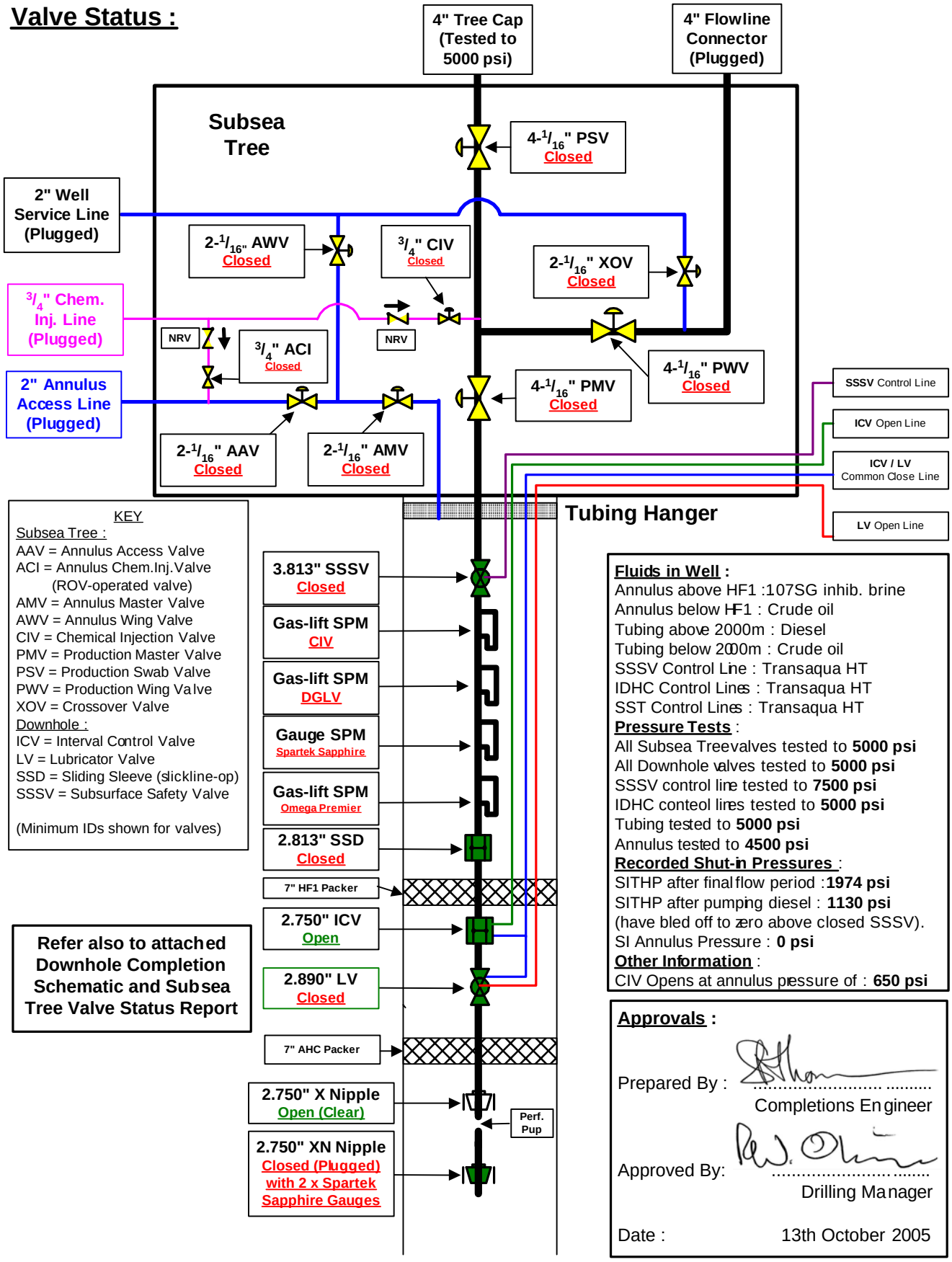
Basker-2 Well Handover Report

Valve Status :



KEY

Subsea Tree :
AAV = Annulus Access Valve
ACI = Annulus Chem.Inj.Valve (ROV-operated valve)
AMV = Annulus Master Valve
AWV = Annulus Wing Valve
CIV = Chemical Injection Valve
PMV = Production Master Valve
PSV = Production Swab Valve
PWV = Production Wing Valve
XOV = Crossover Valve

Downhole :
ICV = Interval Control Valve
LV = Lubricator Valve
SSD = Sliding Sleeve (slickline-op)
SSSV = Subsurface Safety Valve

(Minimum IDs shown for valves)

Refer also to attached Downhole Completion Schematic and Subsea Tree Valve Status Report

Fluids in Well :
Annulus above HF1 : 1.07SG inhib. brine
Annulus below HF1 : Crude oil
Tubing above 2000m : Diesel
Tubing below 2000m : Crude oil
SSSV Control Line : Transaqua HT
IDHC Control Lines : Transaqua HT
SST Control Lines : Transaqua HT

Pressure Tests :
All Subsea Treevalves tested to **5000 psi**
All Downhole valves tested to **5000 psi**
SSSV control line tested to **7500 psi**
IDHC conteol lines tested to **5000 psi**
Tubing tested to **5000 psi**
Annulus tested to **4500 psi**

Recorded Shut-in Pressures :
SITHP after final flow period : **1974 psi**
SITHP after pumping diesel : **1130 psi**
(have bled off to zero above closed SSSV).
SI Annulus Pressure : **0 psi**

Other Information :
CIV Opens at annulus pressure of : **650 psi**

Approvals :

Prepared By : ....
Completions Engineer

Approved By: ....
Drilling Manager

Date : 13th October 2005

Rev 1, October 2005

Basker-2 Subsea Tree Valve Status 01/10/05

Function Description	Status	Position or Turns	Torque Value	Test Pressure & Direction
Actuated Valves				
PSV	Closed	Position Verified	n/a	5000psi from above – ok
PWV	Closed	Position Verified	n/a	5000psi from well bore – ok
PMV	Closed	Position Verified	n/a	2100psi from well bore – ok / 5000psi from above – ok.
AAV	Closed	Position Verified	n/a	5000psi from above – ok
AWV	Closed	Position Verified	n/a	5000psi from wellbore & above – ok
AMV	Closed	Position Verified	n/a	5000psi from above – ok
XOV	Closed	Position Verified	n/a	5000psi from above – ok
Rotary Valves				
ACI	Closed	1/4 Turn to align with position indicator closed mark.	Set on Surface by hand	5000psi from well bore - ok
VXM	Closed	4 1/2 Turns clockwise.	107 ft/lbs	Zero pressure in VX Cavity, Dummy Hot Stab installed.
DH-1 (LV - Open)	Closed	4 1/2 Turns clockwise, position indicator 30 degrees beyond closed mark in bucket	97 ft/lbs	Zero pressure on control line.
DH-2 (ICV – Open)	Closed	4 1/2 Turns clockwise, position indicator 45 degrees beyond closed mark in bucket	97 ft/lbs	Zero pressure on control line.
DH-3 (Common Close)	Closed	4 1/2 Turns clockwise, position indicator 30 degrees beyond closed mark in bucket	97 ft/lbs	Zero pressure on control line.
SCSSV	Open	Valve would not move to the closed position, position indicator is left 45 degrees behind the open mark in bucket	248 ft/lbs max torque applied in clockwise mode / 162 ft/lbs in counter-clockwise mode.	Zero pressure on control line.

Basker-2 Subsea Tree Valve Status 01/10/05 – cont..

Function Description	Status	Position or Turns	Torque Value	Test Pressure & Direction
Ancillary Equipment				
Hydraulic Tree Cap	Installed	Hydraulically Locked with 3000psi, pressure vented to zero & Dummy Hot Stabs Fitted to TC-L & TC-UL ports	n/a	1000psi / 5mins & 5000psi / 5mins, cavity vented to zero and isolation valve closed, Dummy Hot Stab fitted to TC – TS port.
CVC Test Cap	Installed	Mechanically locked onto CVC Hub profile.	n/a	500psi / 5mins & 5000psi / 15mins from well bore direction. Cavity vented to zero and isolation valve closed, Dummy Hot Stab fitted to CVC – TS port.
2” UH-550 Connector Plug on Well Service Line	Installed	Mechanically locked onto 2” Connector receptacle, during onshore SIT ops.	Estimated as 550 ft/lbs in clockwise mode.	500psi / 5mins & 5000psi / 15mins from well bore direction.
2” UH-550 Connector Plug on Annulus Access Line	Installed	Mechanically locked onto 2” Connector receptacle, with Tornado Torque Tool and class 3 gearbox.	830 ft/lbs in clockwise mode.	500psi / 5mins & 5000psi / 15mins from well bore direction.
Unitech Alpha Controls - Bridging Plate	Installed	Mechanically locked onto Fixed Alpha Plate on IWOCS position on Tree, with Tornado Torque Tool and class 3 gearbox. 5.9turns required to fully make up.	190 ft/lbs in clockwise mode.	n/a
Unitech Alpha Controls – Short term cover	Installed	Mechanically locked onto Fixed Alpha Plate on PROD position on Tree. Installed by hand on surface.	Hand Tight only	n/a
Parking Slot Cover	Not Fitted			
17D ROV Bucket Covers	Not Fitted			

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Attachment 13 : Total Well – Time & Cost Summaries

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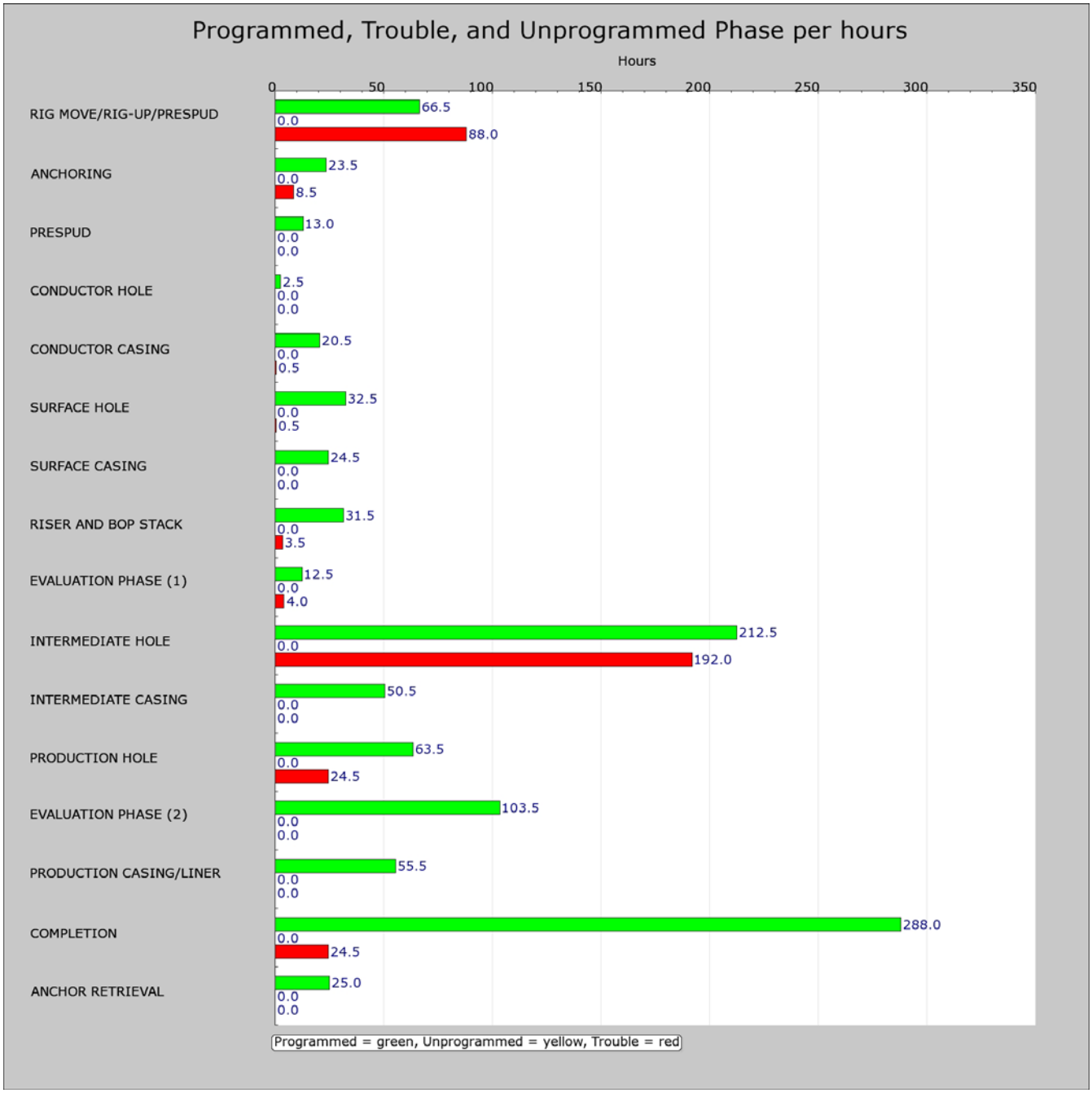
Time Breakdown by Phase



Total Time on Operations : 1371.5 hrs

Total Productive Time : 1025.5 hrs

Total Lost Time : 346 hrs

Total Unprogrammed Time : 0 hrs

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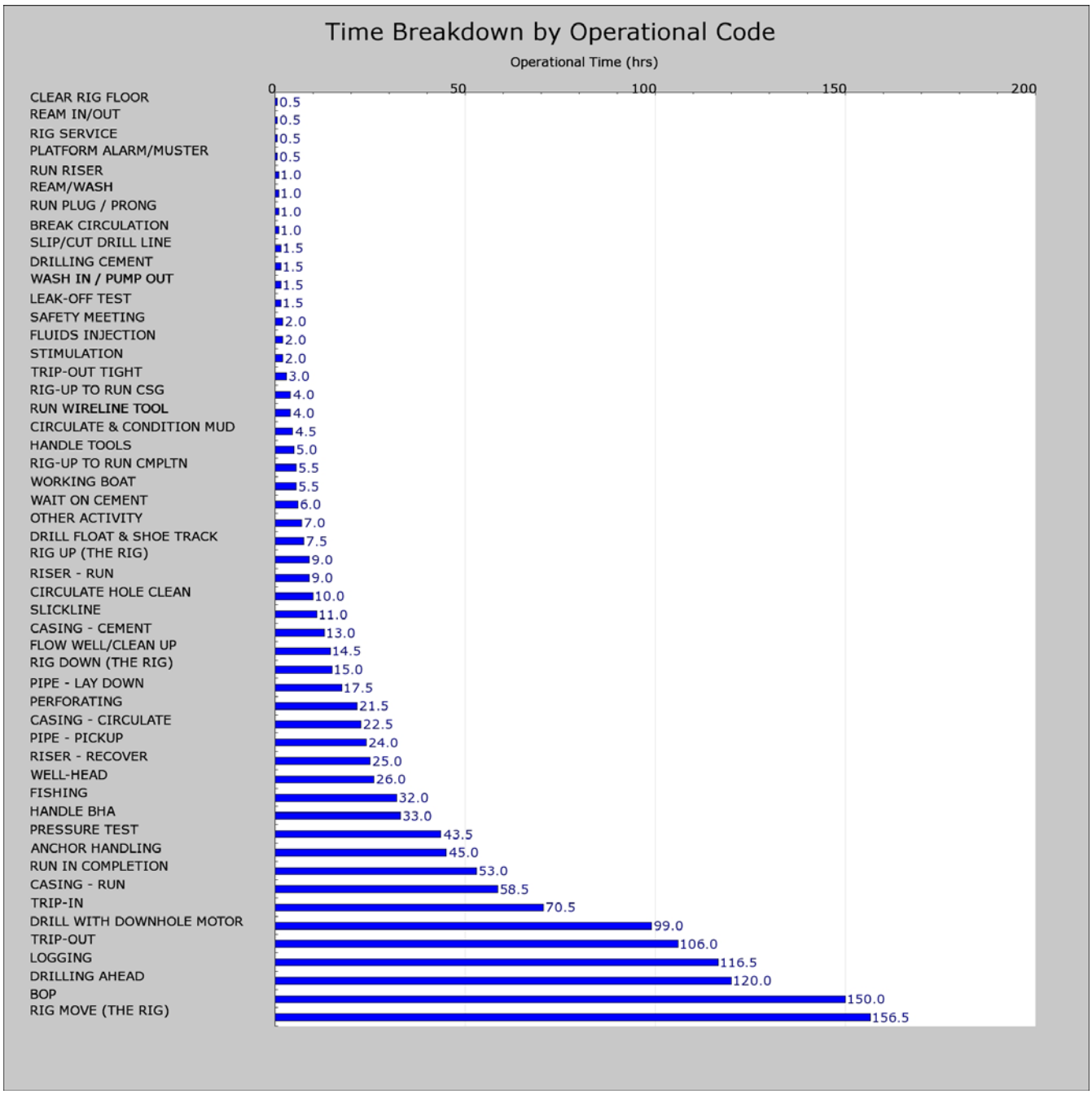
ANZON_AU_FWR.xsl (parent/child V1.2)

Time Analysis



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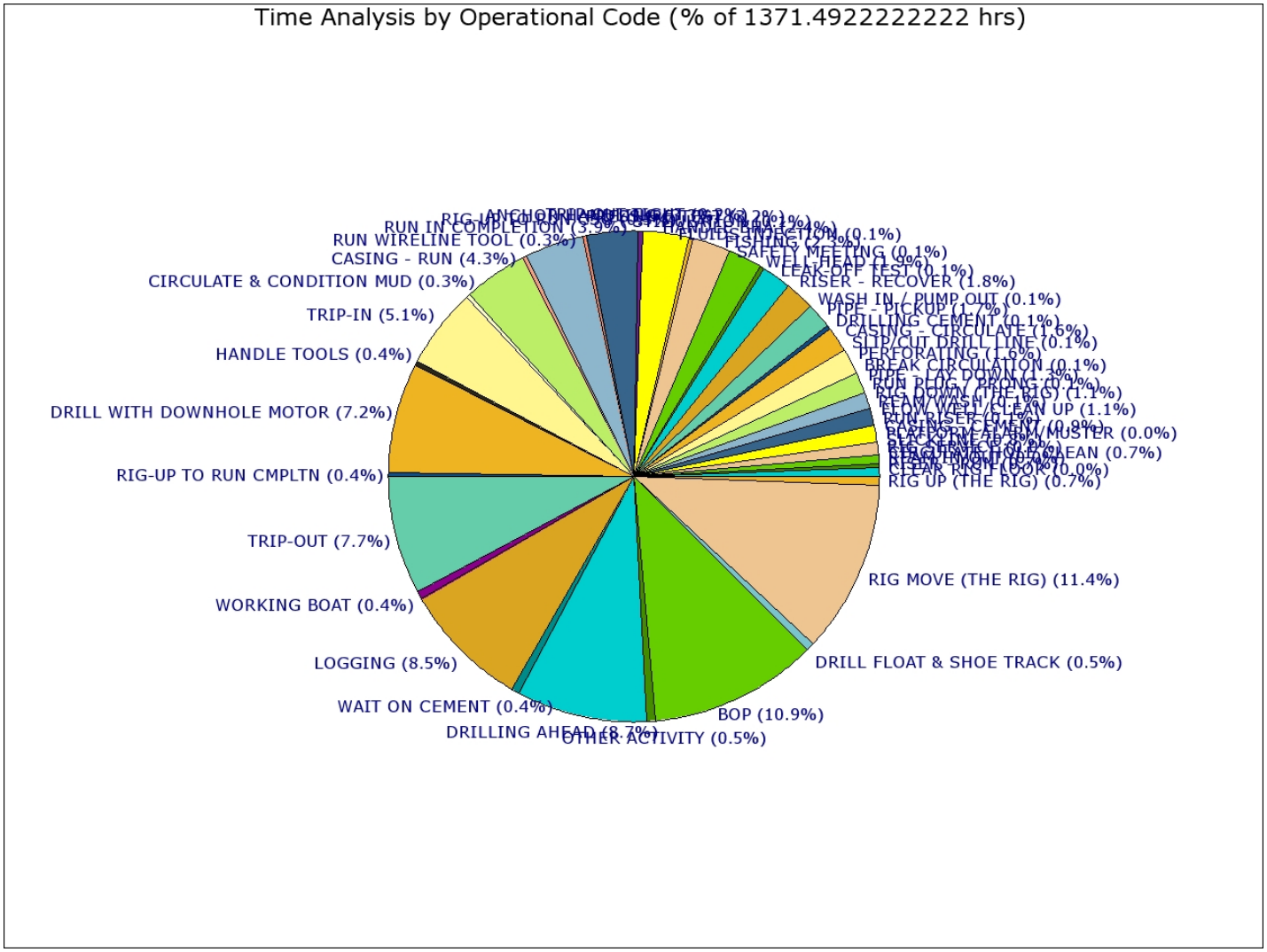
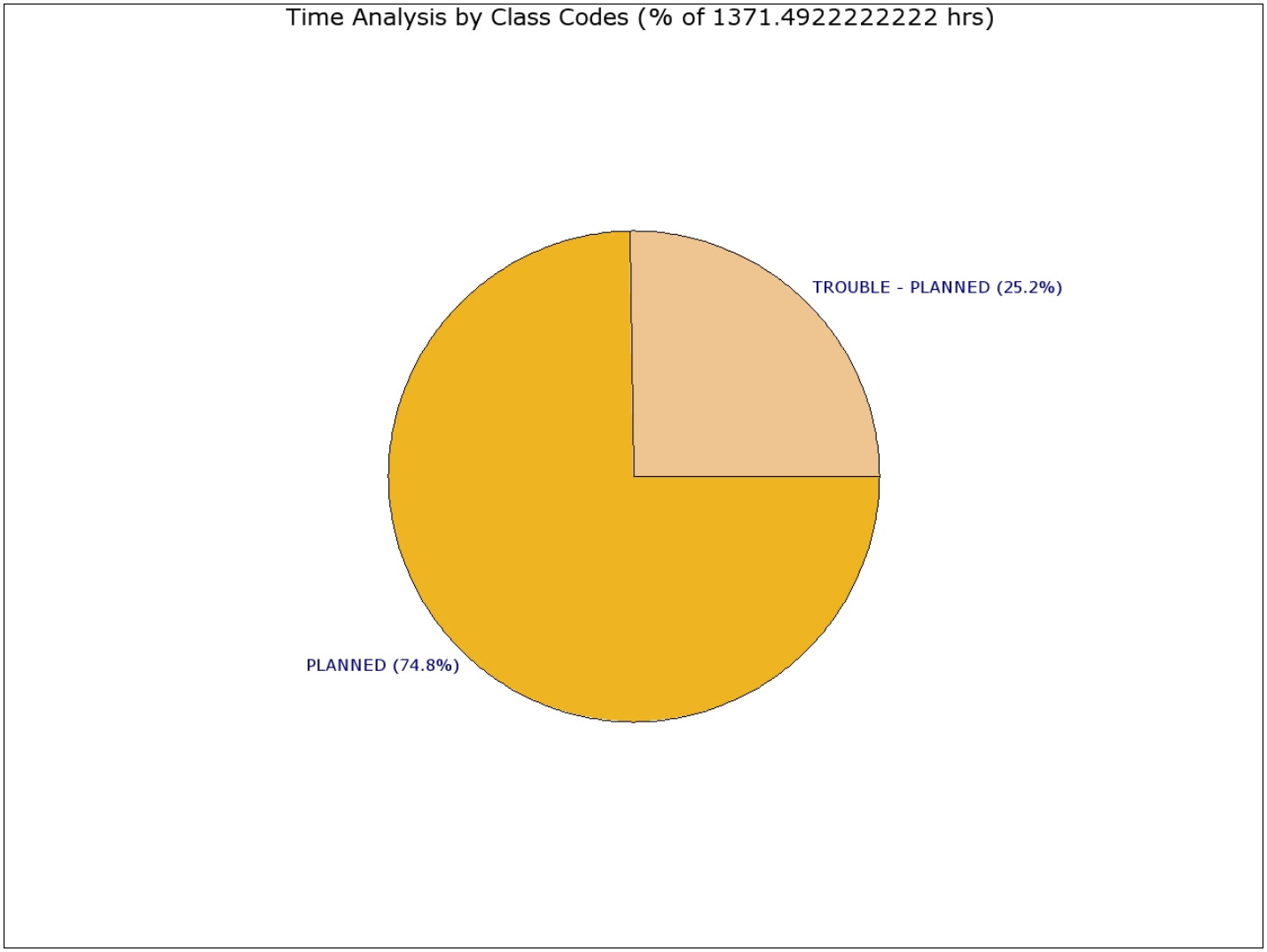

Time Analysis by Operational Code (% of 1371.4922222222 hrs)
RUN WIRELINE TOOL (0.3%)
CASING - RUN (4.3%)
CIRCULATE & CONDITION MUD (0.3%)
TRIP-IN (5.1%)
HANDLE TOOLS (0.4%)
DRILL WITH DOWNHOLE MOTOR (7.2%)
RIG-UP TO RUN CMPLTN (0.4%)
TRIP-OUT (7.7%)
WORKING BOAT (0.4%)
LOGGING (8.5%)
WAIT ON CEMENT (0.4%)
DRILLING AHEAD (8.7%)
OTHER ACTIVITY (0.5%)
BOP (10.9%)
DRILL FLOAT & SHOE TRACK (0.5%)
RIG MOVE (THE RIG) (11.4%)
RIG UP (THE RIG) (0.7%)
RISER - RECOVER (1.8%)
WASH IN / PUMP OUT (0.1%)
PIPE - PICKUP (1.7%)
DRILLING CEMENT (0.1%)
SLIP/CUT DRILL LINE (0.1%)
PERFORATING (1.6%)
BREAK CIRCULATION (0.1%)
RIG DOWN (THE RIG) (1.1%)
FLOW WELL / CLEAN UP (1.1%)
LEAK-OFF TEST (0.1%)
SAFETY MEETING (0.1%)
FISHING (2.1%)
RUN IN COMPLETION (3.9%)



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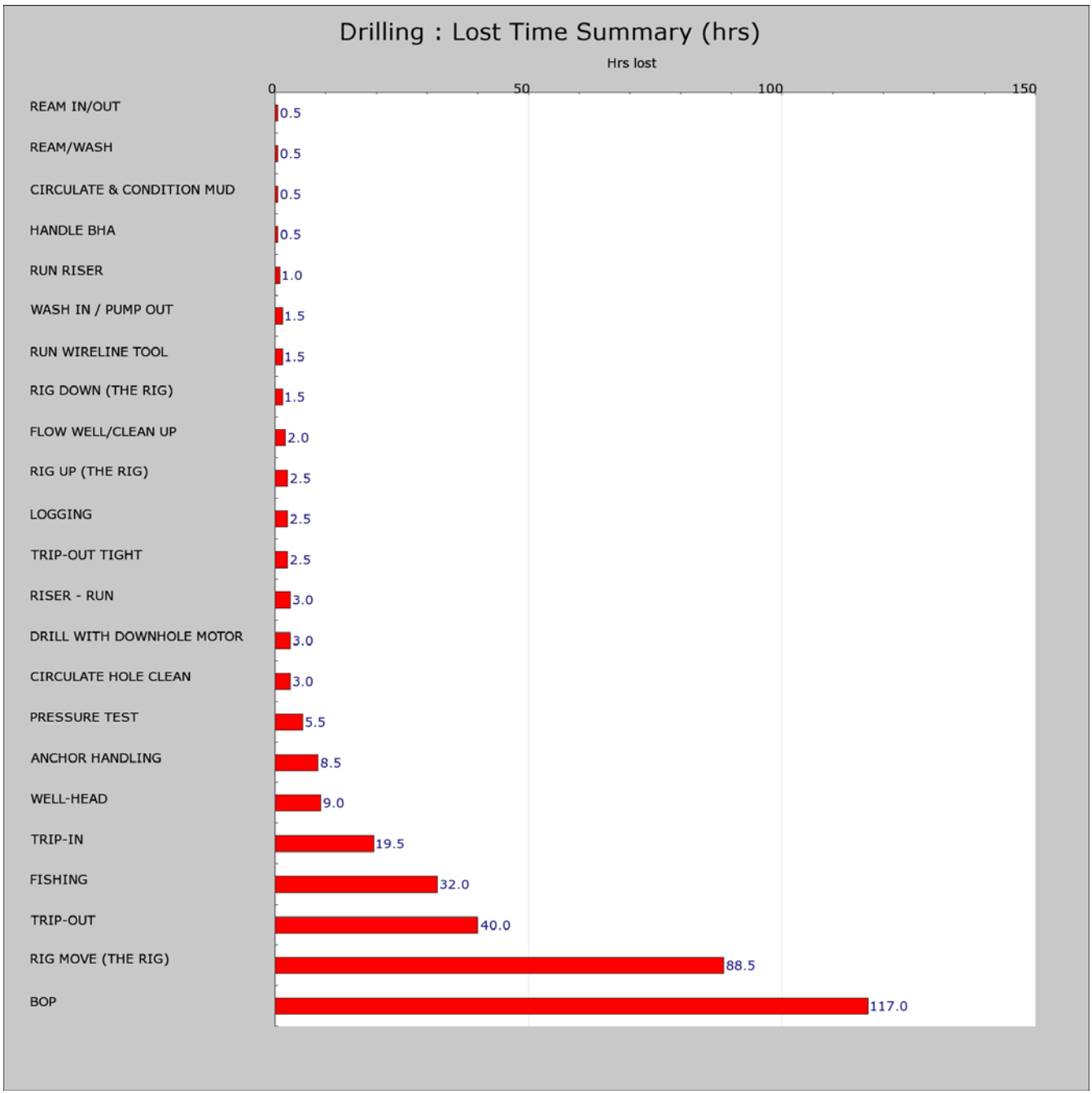
Trouble Time Analysis



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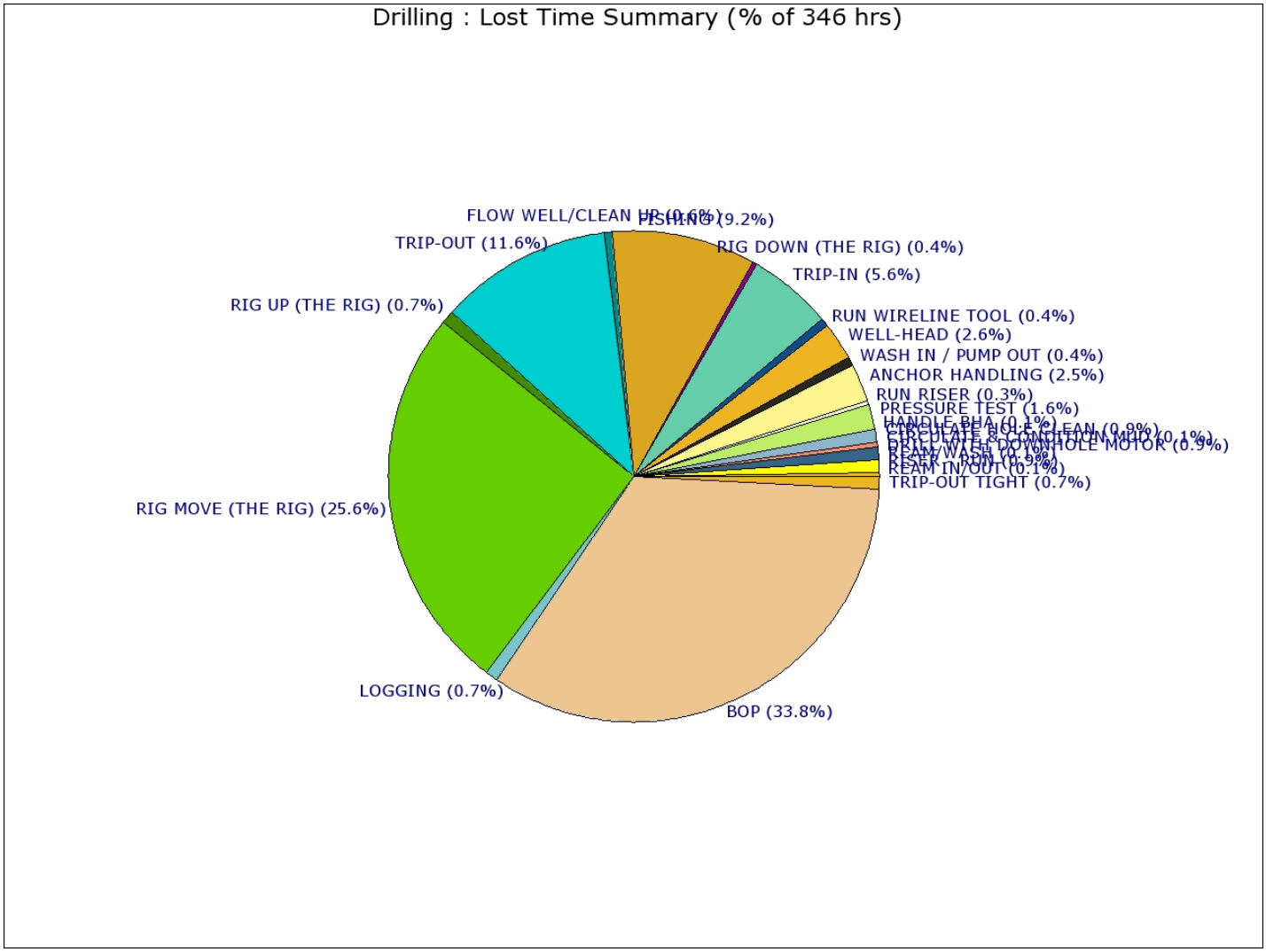

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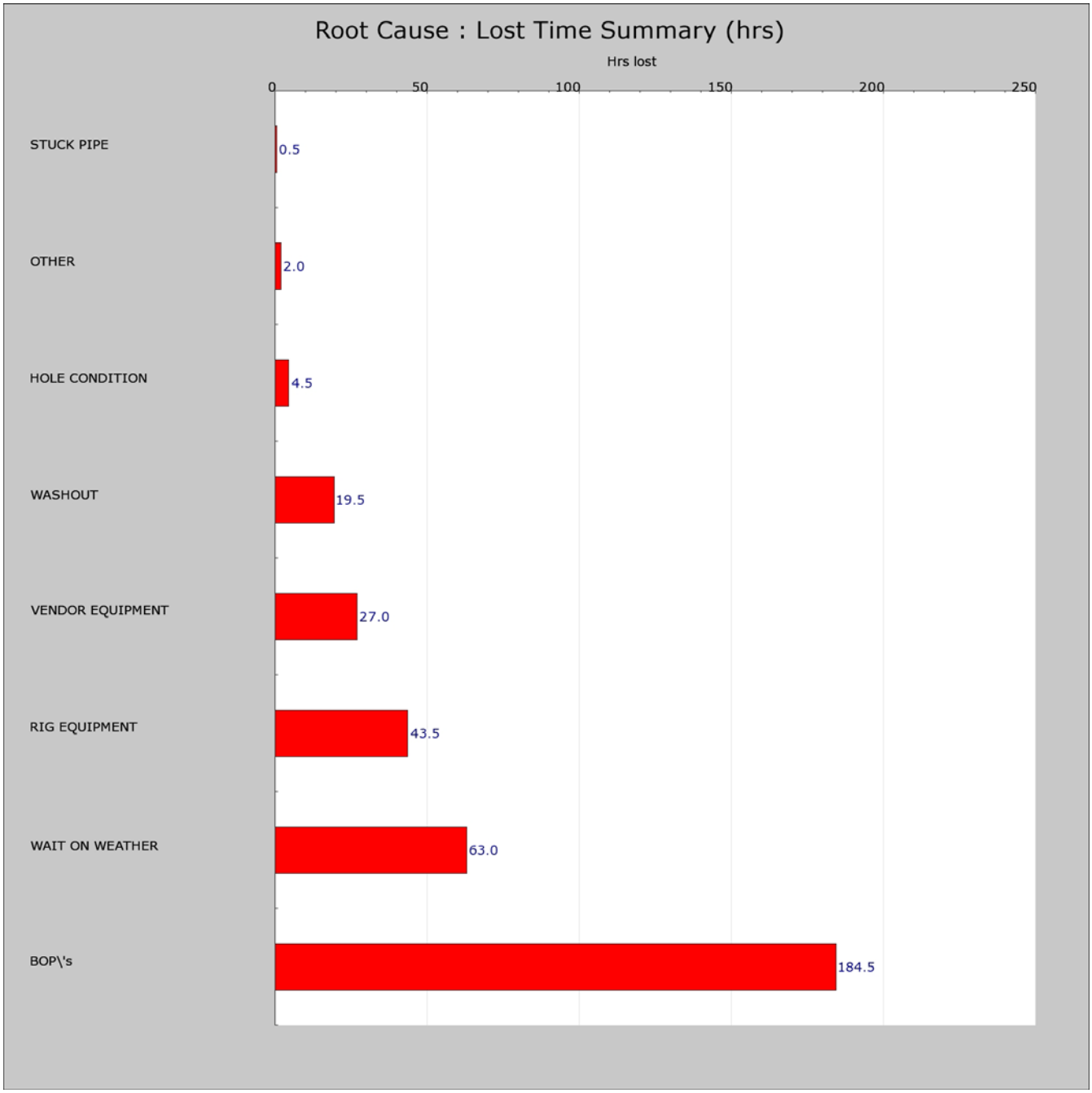

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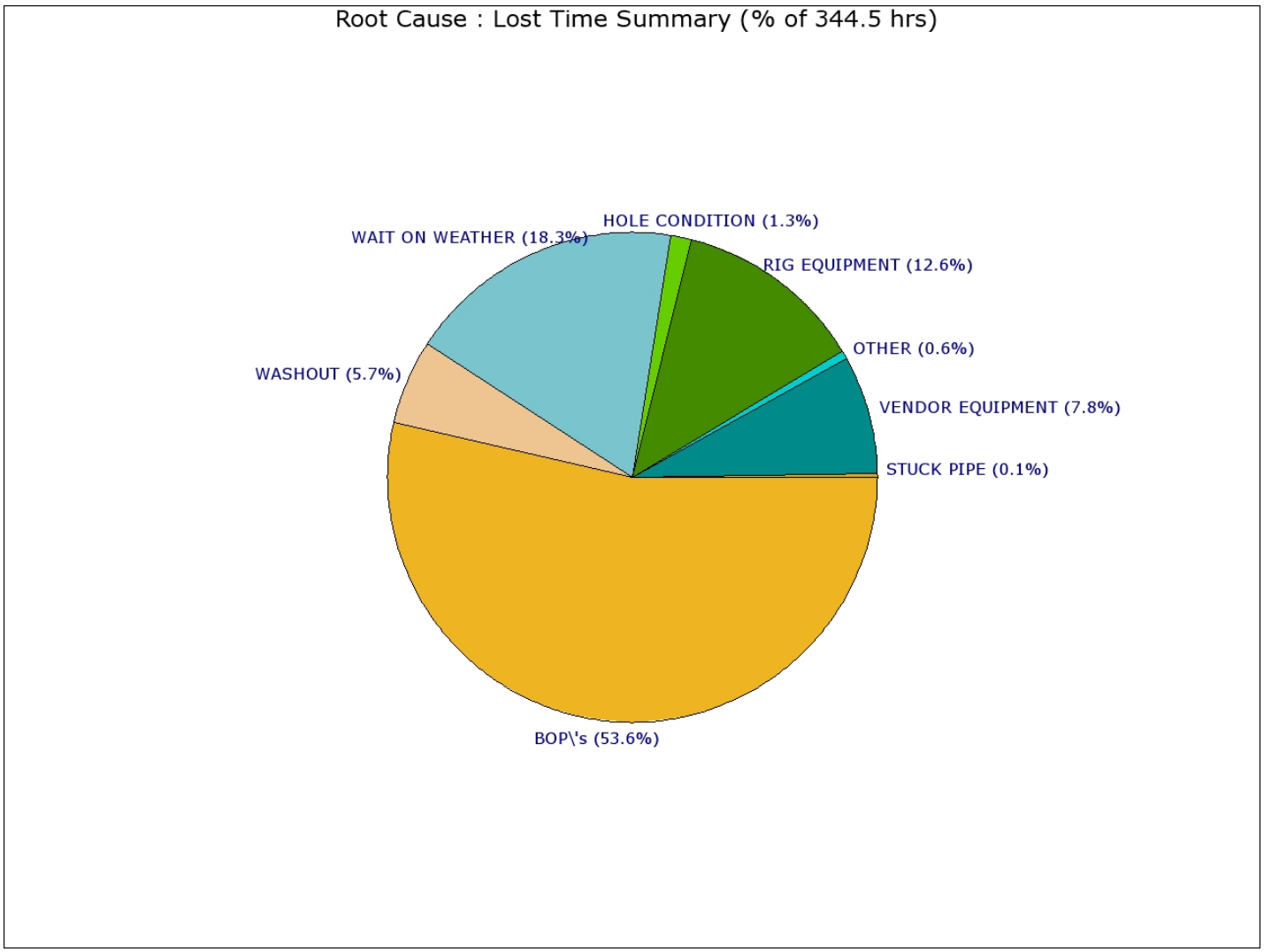

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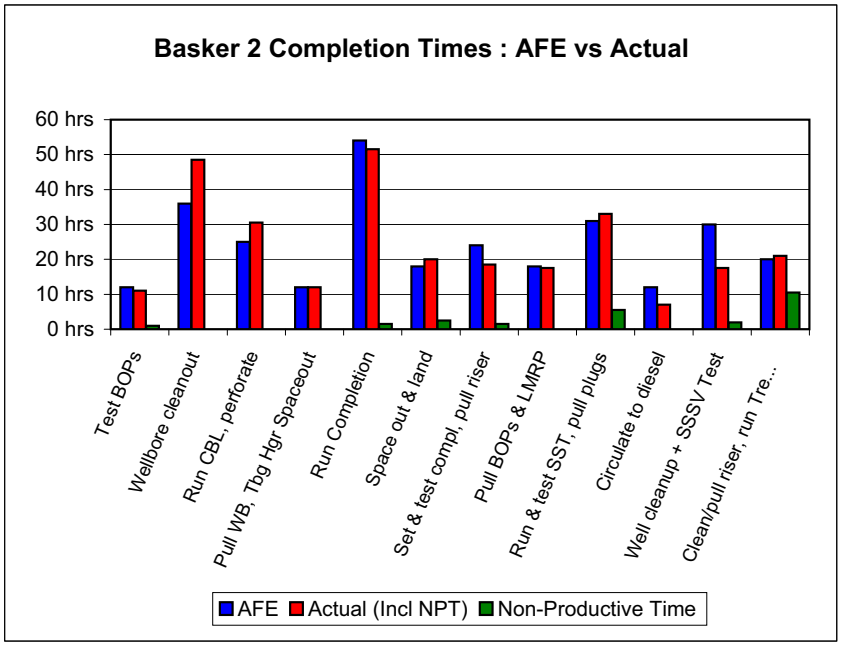
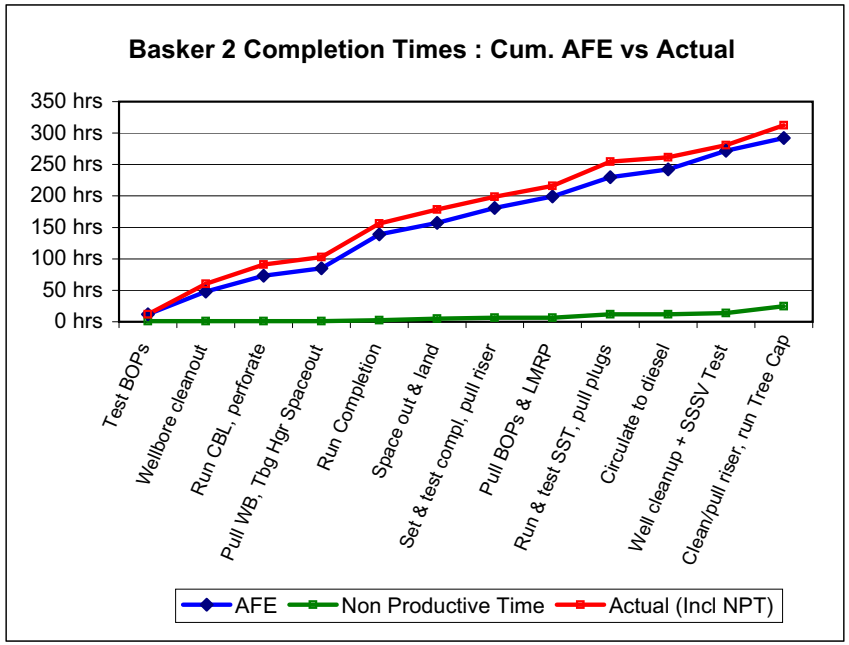
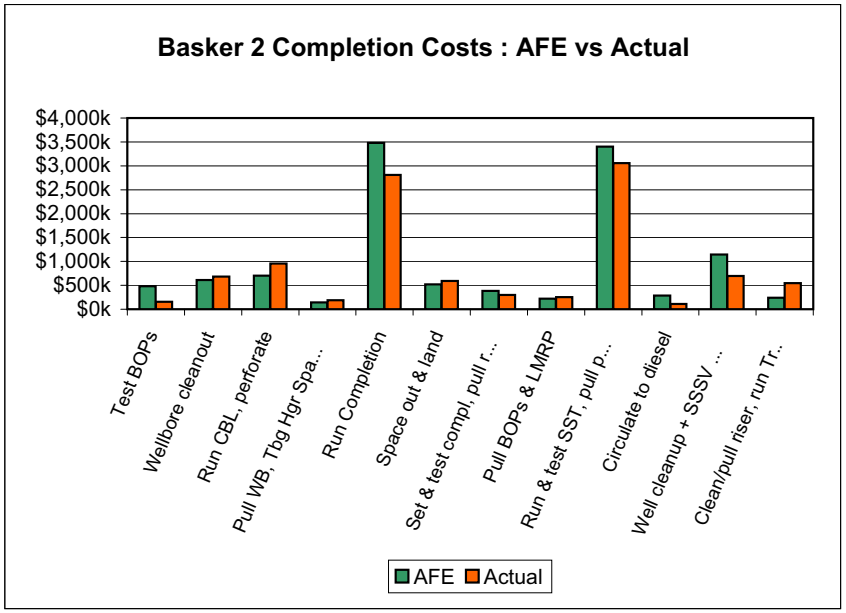
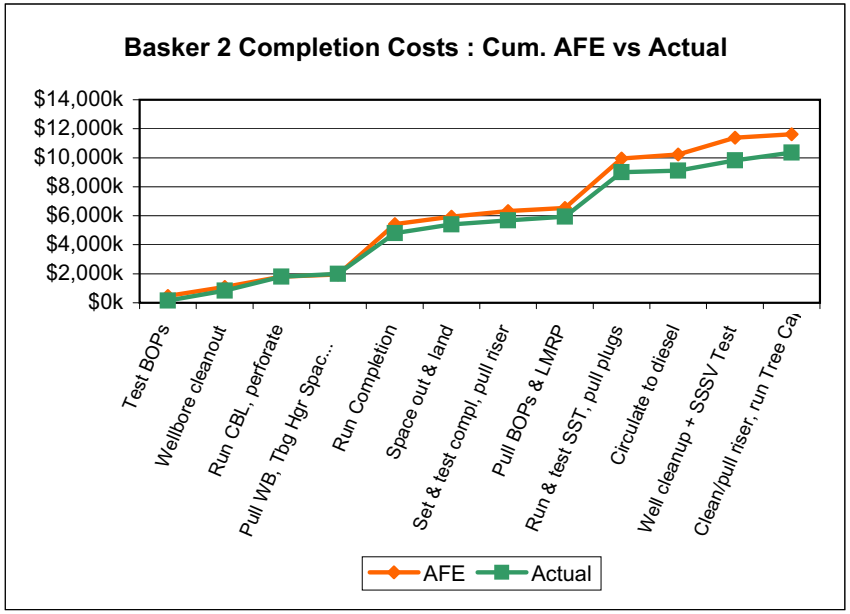

Basker 2 Completion Times : AFE vs Actual
60 hrs
50 hrs
40 hrs
30 hrs
20 hrs
10 hrs
0 hrs
Test BOPs
Wellbore cleanout
Run CBL, perforate
Pull WB, Tbg Hgr Spaceout
Run Completion
Space out & land
Set & test compl, pull riser
Pull BOPs & LMRP
Run & test SST, pull plugs
Circulate to diesel
Well cleanup + SSSV Test
Clean/pull riser, run Tre...
AFE
Actual (Incl NPT)
Non-Productive Time


Basker 2 Completion Times : Cum. AFE vs Actual
350 hrs
300 hrs
250 hrs
200 hrs
150 hrs
100 hrs
50 hrs
0 hrs
Test BOPs
Wellbore cleanout
Run CBL, perforate
Pull WB, Tbg Hgr Spaceout
Run Completion
Space out & land
Set & test compl, pull riser
Pull BOPs & LMRP
Run & test SST, pull plugs
Circulate to diesel
Well cleanup + SSSV Test
Clean/pull riser, run Tree Cap
AFE
Non Productive Time
Actual (Incl NPT)


Basker 2 Completion Costs : AFE vs Actual
$4,000k
$3,500k
$3,000k
$2,500k
$2,000k
$1,500k
$1,000k
$500k
$0k
Test BOPs
Wellbore cleanout
Run CBL, perforate
Pull WB, Tbg Hgr Spa...
Run Completion
Space out & land
Set & test compl, pull r...
Pull BOPs & LMRP
Run & test SST, pull p...
Circulate to diesel
Well cleanup + SSSV ...
Clean/pull riser, run Tr...
AFE
Actual


Basker 2 Completion Costs : Cum. AFE vs Actual
$14,000k
$12,000k
$10,000k
$8,000k
$6,000k
$4,000k
$2,000k
$0k
Test BOPs
Wellbore cleanout
Run CBL, perforate
Pull WB, Tbg Hgr Spac...
Run Completion
Space out & land
Set & test compl, pull riser
Pull BOPs & LMRP
Run & test SST, pull plugs
Circulate to diesel
Well cleanup + SSSV Test
Clean/pull riser, run Tree Ca
AFE
Actual

ANZON AUSTRALIA LIMITED

Well Name: Basker 2
Well AFE #: 34262-PM-05-AF-01-0001

FOR WHOLE WELL

COST CODE	MATERIALS	AFE [P50]	ESTIMATED COST	VARIANCE A$	VARIANCE %
3426-1100-101	Drilling Bits	253,650	219,705	33,945	-13.4%
3426-1100-102	Safety Equipment	0	2,782	-2,782	
3426-1100-103	Casing & Accessories	1,098,329	1,096,905	1,424	-0.1%
3426-1100-104	Completion Tubulars	754,799	881,956	-127,157	16.8%
3426-1100-105	Completion Equipment	723,688	937,372	-213,684	29.5%
3426-1100-106	Wellhead Materials	255,299	232,379	22,920	-9.0%
3426-1100-107	Subsea Tree & Accessories	2,755,700	2,711,233	44,467	-1.6%
3426-1100-108	Fuel	1,194,872	2,960,045	-1,765,173	147.7%
3426-1100-109	Mud Materials	360,934	433,679	-72,745	20.2%
3426-1100-110	Cementing Equipment & Chemicals	157,529	94,546	62,983	-40.0%
3426-1100-111	Coring Consumables	0	0	0	
3426-1100-112	Other Consumables	47,639	8,250	39,389	-82.7%
	Subtotal	**7,602,439**	**9,578,853**	**-1,976,414**	**26.0%**
	DRILLING, TESTING, COMPLETION AND SUB SEA SERVICES				
3426-1100-213	Rig Positioning / Site Surveys	428,727	461,252	-32,525	7.6%
3426-1100-214	Drill Rig & Crew	4,528,688	5,475,751	-947,063	20.9%
3426-1100-215	Mobilisation / Demobilisation	2,000,000	2,115,000	-115,000	5.8%
3426-1100-216	Directional Drilling	261,667	471,267	-209,600	80.1%
3426-1100-217	MWD/FEWD/Survey	521,360	530,988	-9,628	1.8%
3426-1100-218	Mud Engineering	140,885	264,556	-123,671	87.8%
3426-1100-219	Cementing	155,135	257,228	-102,093	65.8%
3426-1100-220	Wellhead (including severance)	338,836	60,000	278,836	-82.3%
3426-1100-221	Casing, Liner and Tublar Running Services	136,420	450,248	-313,828	230.0%
3426-1100-222	Geological Evaluation	228,000	243,450	-15,450	6.8%
3426-1100-223	Electric Logging - Open Hole	415,888	1,292,278	-876,390	210.7%
3426-1100-224	Electric Logging - Cased Hole	380,702	486,863	-106,161	27.9%
3426-1100-225	Slickline & Memory Gauges	255,636	93,537	162,099	-63.4%
3426-1100-226	Completion Running	302,733	368,480	-65,747	21.7%
3426-1100-227	Mud Logging	176,054	235,725	-59,671	33.9%
3426-1100-228	Fishing	54,118	178,948	-124,830	230.7%
3426-1100-229	Diving / ROV Services	263,720	472,983	-209,263	79.4%
3426-1100-230	Coring	0	0	0	
3426-1100-231	Production Testing	774,010	1,121,659	-347,649	44.9%
3426-1100-232	Miscellaneous Contract Services	113,691	230,286	-116,595	102.6%
3426-1100-233	Miscellaneous Equipment Repairs & Rentals	142,500	131,917	10,583	-7.4%
3426-1100-234	Sub Sea Services	221,268	192,733	28,535	-12.9%
	Subtotal	**11,840,038**	**15,135,148**	**-3,295,110**	**27.8%**
	SUPPORT SERVICES		0		
3426-1100-334	Supply Base	251,315	266,929	-15,614	6.2%
3426-1100-335	Freight	750,000	331,477	418,523	-55.8%
3426-1100-336	Travel & Accommodation	79,800	93,893	-14,093	17.7%
3426-1100-337	Communications & Weather	44,688	85,812	-41,124	92.0%
3426-1100-338	Helicopters	719,808	1,120,432	-400,624	55.7%
3426-1100-339	Charter Vessels	2,377,200	2,919,101	-541,901	22.8%
3426-1100-340	Offshore Supervision	425,923	438,151	-12,228	2.9%
3426-1100-341	Onshore Supervision	442,425	693,770	-251,345	56.8%
3426-1100-342	Well Insurance	200,000	200,000	0	0.0%
	Subtotal	**5,291,159**	**6,149,566**	**-858,407**	**16.2%**
	TOTAL	**24,733,636**	**30,863,568**	**-6,129,932**	**24.8%**

ANZON AUSTRALIA LIMITED

WELL NAME:	BASKER-2 (VIC RL6)											
	Drilling Phase:		Rig Move		Anchoring		Pre spud		Conductor Hole		Conductor Casing	
			Planned	Move	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
		Days:	2.750	6.438	1.000	1.333	0.250	0.542	0.500	0.104	0.500	0.875
	Trouble Time	(days)		3.667		0.344		0.000		0.000		0.021
COST CODE	DESCRIPTION Unplanned Time	(days)										
	MATERIALS											
3426-1100-101	Drilling Bits			$0		$0		$0		$24,667		$0
3426-1100-102	Safety Equipment			$0		$0		$2,782		$0		$0
3426-1100-103	Casing & Accessories			$0		$0		$0		$0		$0
3426-1100-104	Completion Tubulars			$0		$0		$0		$0		$0
3426-1100-105	Completion Equipment			$0		$0		$0		$0		$0
3426-1100-106	Wellhead Materials			$0		$0		$0		$0		$78,103
3426-1100-107	Subsea Tree & Accessories			$0		$0		$0		$0		$0
3426-1100-108	Fuel			$397,741		$82,380		$31,110		$5,983		$52,653
3426-1100-109	Mud Materials			$0		$0		$0		$15,142		$0
3426-1100-110	Cementing Equipment & Chemicals			$0		$0		$0		$0		$14,522
3426-1100-111	Coring Consumables			$0		$0		$0		$0		$0
3426-1100-112	Other Consumables			$0		$0		$0		$0		$0
	Sub Total		$0	$397,741	$0	$82,380	$0	$33,891	$0	$45,791	$0	$145,278
	DRILLING, TESTING, COMPLETION AND SUB SEA SERVICES											
3426-1100-213	Rig Positioning / Site Surveys			$22,636		$4,688		$418,626		$322		$2,840
3426-1100-214	Drill Rig & Crew			$652,569		$135,160		$94,689		$8,095		$92,584
3426-1100-215	Mobilisation / Demobilisation			$0		$0		$2,115,000		$0		$0
3426-1100-216	Directional Drilling			$15,973		$3,308		$15,836		$738		$3,257
3426-1100-217	MWD/FEWD/Survey			$60,513		$12,533		$33,492		$979		$8,225
3426-1100-218	Mud Engineering			$15,350		$3,179		$14,646		$191		$1,676
3426-1100-219	Cementing			$45,491		$9,422		$3,431		$660		$5,542
3426-1100-220	Wellhead (including severance)			$0		$0		$60,000		$0		$0
3426-1100-221	Casing & Liner			$2,425		$502		$1,632		$314		$18,519
3426-1100-222	Geological Evaluation			$0		$0		$0		$0		$0
3426-1100-223	Electric Logging - Open Hole			$20,760		$4,300		$1,733		$333		$3,072
3426-1100-224	Electric Logging - Cased Hole			$0		$0		$0		$0		$0
3426-1100-225	Slickline & Memory Gauges			$3,025		$627		$1,154		$49		$411
3426-1100-226	Completion Running			$0		$0		$14,828		$0		$0
3426-1100-227	Mud Logging			$12,231		$2,533		$1,029		$256		$2,153
3426-1100-228	Fishing			$5,852		$1,212		$20,498		$95		$796
3426-1100-229	Diving / ROV Services			$65,368		$13,539		$6,207		$1,194		$10,028
3426-1100-230	Coring			$0		$0		$0		$0		$0
3426-1100-231	Production Testing			$11,588		$2,400		$141,775		$188		$1,575
3426-1100-232	Miscellaneous Contract Services			$0		$0		$105,000		$0		$0
3426-1100-233	Miscellaneous Equipment Repairs & Rentals			$7,287		$1,509		$43,300		$635		$5,330
3426-1100-234	Sub Sea Services			$0		$0		$127,000		$0		$0
	Sub Total		$0	$941,067	$0	$194,914	$0	$3,219,876	$0	$14,048	$0	$156,007
	SUPPORT SERVICES											
3426-1100-334	Supply Base			$6,683		$1,384		$25,700		$108		$909
3426-1100-335	Freight			$2,293		$475		$24,302		$99		$831
3426-1100-336	Travel & Accommodation			$8,790		$1,821		$12,249		$18		$1,275
3426-1100-337	Communications & Weather			$14,085		$2,917		$14,018		$228		$1,387
3426-1100-338	Helicopters			$109,484		$22,676		$17,672		$2,206		$18,532
3426-1100-339	Charter Vessels			$348,290		$72,138		$29,986		$5,729		$44,730
3426-1100-340	Offshore Supervision			$29,424		$6,094		$31,275		$523		$4,393
3426-1100-341	Onshore Supervision			$76,545		$15,854		$67,572		$446		$8,019
3426-1100-342	Well Insurance			$0		$0		$200,000		$0		$0
	Sub Total		$0	$595,593	$0	$123,359	$0	$422,773	$0	$9,357	$0	$80,076
	Total Phase Costs		$0	$1,934,402	$0	$400,653	$0	$3,676,540	$0	$69,196	$0	$381,361

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WELL NAME:	BASKER-2 (VIC RL6)					PLANNED/ACTUAL WELL STATUS:	(Enter P&A/C&S/C)		C		
	Drilling Phase:		Surface Hole		Surface Casing		BOP		Intermediate Hole		Intermediate Casing	
			Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
		Days:	1.833	1.375	1.771	1.021	1.250	1.458	7.604	16.854	2.500	2.104
	Trouble Time	(days)		0.021		0.000		0.146		7.708		0.000
COST CODE	DESCRIPTION Unplanned Time	(days)								0.708		
	MATERIALS											
3426-1100-101	Drilling Bits			$0		$0		$0		$127,283		$0
3426-1100-102	Safety Equipment			$0		$0		$0		$0		$0
3426-1100-103	Casing & Accessories			$0		$195,600		$0		$0		$671,772
3426-1100-104	Completion Tubulars			$0		$0		$0		$0		$0
3426-1100-105	Completion Equipment			$0		$0		$0		$0		$0
3426-1100-106	Wellhead Materials			$0		$48,788		$0		$78,649		$26,839
3426-1100-107	Subsea Tree & Accessories			$0		$0		$0		$0		$0
3426-1100-108	Fuel			$79,084		$60,151		$89,227		$763,254		$117,429
3426-1100-109	Mud Materials			$20,372		$385		$65,624		$187,225		$45
3426-1100-110	Cementing Equipment & Chemicals			$0		$26,736		$7,967		$0		$24,000
3426-1100-111	Coring Consumables			$0		$0		$0		$0		$0
3426-1100-112	Other Consumables			$0		$0		$0		$8,250		$0
	Sub Total		$0	$99,456	$0	$331,660	$0	$162,818	$0	$1,164,661	$0	$840,086
	DRILLING, TESTING, COMPLETION AND SUB SEA SERVICES											
3426-1100-213	Rig Positioning / Site Surveys			$1,755		$0		$0		$0		$0
3426-1100-214	Drill Rig & Crew			$163,455		$128,360		$161,243		$1,035,698		$229,657
3426-1100-215	Mobilisation / Demobilisation			$0		$0		$0		$0		$0
3426-1100-216	Directional Drilling			$1,304		$968		$10,094		$323,891		$13,942
3426-1100-217	MWD/FEWD/Survey			$12,925		$12,182		$17,402		$201,121		$25,109
3426-1100-218	Mud Engineering			$2,515		$1,867		$3,787		$57,404		$7,028
3426-1100-219	Cementing			$8,708		$6,518		$5,039		$53,596		$6,691
3426-1100-220	Wellhead (including severance)			$0		$0		$0		$0		$0
3426-1100-221	Casing & Liner			$4,143		$3,076		$377		$38,709		$11,524
3426-1100-222	Geological Evaluation			$0		$0		$0		$0		$0
3426-1100-223	Electric Logging - Open Hole			$4,012		$28,088		$26,007		$141,860		$0
3426-1100-224	Electric Logging - Cased Hole			$0		$0		$0		$0		$0
3426-1100-225	Slickline & Memory Gauges			$646		$479		$685		$7,919		$988
3426-1100-226	Completion Running			$0		$0		$0		$0		$0
3426-1100-227	Mud Logging			$3,383		$3,220		$8,349		$99,972		$12,530
3426-1100-228	Fishing			$1,250		$928		$1,326		$87,389		$4,917
3426-1100-229	Diving / ROV Services			$16,099		$12,107		$16,329		$129,466		$12,688
3426-1100-230	Coring			$0		$0		$0		$0		$0
3426-1100-231	Production Testing			$2,475		$1,827		$2,625		$41,456		$5,681
3426-1100-232	Miscellaneous Contract Services			$0		$0		$0		$3,500		$6,797
3426-1100-233	Miscellaneous Equipment Repairs & Rentals			$3,934		$910		$1,636		$29,011		$2,954
3426-1100-234	Sub Sea Services			$0		$0		$0		$0		$0
	Sub Total		$0	$226,604	$0	$200,529	$0	$254,898	$0	$2,250,991	$0	$340,507
	SUPPORT SERVICES											
3426-1100-334	Supply Base			$9,407		$3,411		$2,785		$79,659		$3,002
3426-1100-335	Freight			$1,306		$10,114		$2,692		$46,711		$1,999
3426-1100-336	Travel & Accommodation			$2,497		$767		$807		$19,903		$5,629
3426-1100-337	Communications & Weather			$1,495		$1,110		$1,586		$18,335		$2,288
3426-1100-338	Helicopters			$28,374		$21,493		$30,886		$327,918		$43,592
3426-1100-339	Charter Vessels			$65,885		$48,914		$70,151		$821,405		$102,549
3426-1100-340	Offshore Supervision			$7,739		$10,517		$9,376		$90,755		$12,329
3426-1100-341	Onshore Supervision			$18,151		$13,476		$19,251		$171,585		$30,560
3426-1100-342	Well Insurance			$0		$0		$0		$0		$0
	Sub Total		$0	$134,854	$0	$109,802	$0	$137,535	$0	$1,576,271	$0	$201,949
	Total Phase Costs		$0	$460,915	$0	$641,991	$0	$555,251	$0	$4,991,923	$0	$1,382,542

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WELL NAME:	BASKER-2 (VIC RL6)		TOTAL DEPTH - m KB	3414								Rig Release (d/m/yy time)	2/10/2005 8:00
	Drilling Phase:		Production Hole		Evaluation		Production Casing		Complete, Test & Suspend		Anchor Retrieval		WELL TOTALS
			Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
		Days:	4.083	3.667	2.625	5.000	2.333	2.313	12.000	13.021	1.000	1.042	42.000	48.333
	Trouble Time	(days)		1.021		0.063		0.000		1.021		0.000		14.010
COST CODE	DESCRIPTION Unplanned Time	(days)				0.521								1.229
	MATERIALS													
3426-1100-101	Drilling Bits			$61,800		$0		$0		$5,956		$0	$0	$219,706
3426-1100-102	Safety Equipment			$0		$0		$0		$0		$0	$0	$2,782
3426-1100-103	Casing & Accessories			$0		$0		$229,533		$0		$0	$0	$1,096,906
3426-1100-104	Completion Tubulars			$0		$0		$0		$881,956		$0	$0	$881,956
3426-1100-105	Completion Equipment			$0		$0		$0		$937,371		$0	$0	$937,371
3426-1100-106	Wellhead Materials			$0		$0		$0		$0		$0	$0	$232,379
3426-1100-107	Subsea Tree & Accessories			$0		$0		$1,528		$2,709,705		$0	$0	$2,711,233
3426-1100-108	Fuel			$208,138		$217,722		$98,947		$637,308		$118,745	$0	$2,959,872
3426-1100-109	Mud Materials			$34,798		$2,077		$28,542		$79,469		$0	$0	$433,679
3426-1100-110	Cementing Equipment & Chemicals			$21,321		$0		$0		$0		$0	$0	$94,546
3426-1100-111	Coring Consumables			$0		$0		$0		$0		$0	$0	$0
3426-1100-112	Other Consumables			$0		$0		$0		$0		$0	$0	$8,250
	Sub Total		$0	$326,057	$0	$219,799	$0	$358,550	$0	$5,251,765	$0	$118,745	$0	$9,578,680
	DRILLING, TESTING, COMPLETION AND SUB SEA SERVICES													
3426-1100-213	Rig Positioning / Site Surveys			$0		$0		$0		$1,389		$8,318	$0	$460,575
3426-1100-214	Drill Rig & Crew			$400,195		$539,192		$252,257		$1,421,146		$137,631	$0	$5,451,931
3426-1100-215	Mobilisation / Demobilisation			$0		$0		$0		$0		$0	$0	$2,115,000
3426-1100-216	Directional Drilling			$41,490		$29,998		$7,962		$2,511		$0	$0	$471,270
3426-1100-217	MWD/FEWD/Survey			$43,754		$54,705		$21,738		$25,654		$0	$0	$530,331
3426-1100-218	Mud Engineering			$42,819		$66,900		$19,760		$29,771		$8,700	$0	$275,593
3426-1100-219	Cementing			$11,660		$15,638		$11,170		$69,115		$3,191	$0	$255,872
3426-1100-220	Wellhead (including severance)			$0		$0		$0		$0		$0	$0	$60,000
3426-1100-221	Casing & Liner			$20,081		$48,522		$81,264		$221,405		$13,492	$0	$465,986
3426-1100-222	Geological Evaluation			$0		$200,260		$4,068		$35,881		$5,274	$0	$245,483
3426-1100-223	Electric Logging - Open Hole			$95,389		$925,561		$30,833		$9,722		$0	$0	$1,291,669
3426-1100-224	Electric Logging - Cased Hole			$0		$0		$0		$485,304		$1,558	$0	$486,863
3426-1100-225	Slickline & Memory Gauges			$1,722		$2,349		$9,087		$53,074		$3,246	$0	$85,461
3426-1100-226	Completion Running			$0		$0		$38,913		$333,896		$19,757	$0	$407,393
3426-1100-227	Mud Logging			$21,473		$24,352		$9,129		$26,080		$1,025	$0	$227,715
3426-1100-228	Fishing			$8,568		$9,704		$3,346		$26,321		$6,573	$0	$178,775
3426-1100-229	Diving / ROV Services			$22,110		$30,638		$13,944		$106,076		$15,341	$0	$471,135
3426-1100-230	Coring			$0		$0		$0		$0		$0	$0	$0
3426-1100-231	Production Testing			$9,900		$69,168		$49,876		$706,494		$50,095	$0	$1,097,122
3426-1100-232	Miscellaneous Contract Services			$7,590		$59,360		$21,479		$26,561		$0	$0	$230,286
3426-1100-233	Miscellaneous Equipment Repairs & Rentals			$5,147		$7,101		$3,040		$17,044		$3,289	$0	$132,125
3426-1100-234	Sub Sea Services			$0		$0		$7,834		$50,660		$7,238	$0	$192,733
	Sub Total		$0	$731,899	$0	$2,083,447	$0	$585,699	$0	$3,648,104	$0	$284,728	$0	$15,133,318
	SUPPORT SERVICES													
3426-1100-334	Supply Base			$25,520		$13,201		$14,089		$77,329		$2,891	$0	$266,078
3426-1100-335	Freight			$16,433		$31,550		$28,997		$162,010		$1,623	$0	$331,435
3426-1100-336	Travel & Accommodation			$5,147		$8,214		$1,595		$22,770		$1,657	$0	$93,139
3426-1100-337	Communications & Weather			$3,988		$5,438		$2,516		$14,164		$1,858	$0	$85,415
3426-1100-338	Helicopters			$80,424		$111,662		$49,146		$232,984		$46,995	$0	$1,144,042
3426-1100-339	Charter Vessels			$178,857		$230,168		$114,104		$671,942		$105,327	$0	$2,910,174
3426-1100-340	Offshore Supervision			$18,448		$29,745		$18,560		$144,910		$22,951	$0	$437,040
3426-1100-341	Onshore Supervision			$41,083		$59,242		$20,674		$129,097		$12,179	$0	$683,733
3426-1100-342	Well Insurance			$0		$0		$0		$0		$0	$0	$200,000
	Sub Total		$0	$369,901	$0	$489,219	$0	$249,680	$0	$1,455,206	$0	$195,481	$0	$6,151,056
	Total Phase Costs		$0	$1,427,857	$0	$2,792,465	$0	$1,193,929	$0	$10,355,076	$0	$598,955	$0	$30,863,054

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Attachment 14 : Post-Well Reviews

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Location:	Suite 8, Como Professional Suites, South Yarra
Recorded by:	Stuart Thomson
Date/Time of Meeting:	11 October 2005, 14:00 to 18:00
Purpose of Meeting:	Basker-2 Completion Program Review (post-well)
Present at Meeting:	Stuart Thomson, Rob Oliver, John Ah-Cann, John Keresztesi, Kuan Chung, Keith Thomson
Distribution:	Attendees plus Cam Rathie, Mark Paton, Brett Smith, Matthew J Smith, Bill Waterhouse, Carl MacDonald, Wayne Bates, Paul Trewartha.

The purpose of this meeting was to review the Basker-2 Supplementary Completion Program and identify any problems observed, changes made or improvements proposed for future similar operations.

Note that Program Section and Step numbers referred to below are as per Revision 2 of the SCP, issued on 23rd September 2005.

Program Section	Item	Observation / Change Made / Change Proposed
8.2	1	Brine for completion to go into pre-cleaned tanks only (some contamination occurred when brine for drilling was attempted to be filtered, found to be too dirty). In subsequent wells any drilling brine, which has been stored in tanks which have not been cleaned, will be dumped.
	2	Tank cleaning was good, but the equipment Transpacific (tank cleaners) brought out with them was not intrinsically safe, so could not be used in the mud tanks. DODI equipment was very good, so this was used successfully. Need to check that DODI are OK with us continuing to use their equipment for this purpose.
	3	Use a 50 micron bag filter as a pre-filter for the completion brine.
	4	SPS wellbore cleanout tools worked well, but SPS man was of limited use on rig – will use tools on FFD wells but no need for technician.
	5	Foaming problem when mixing (& circulating) surfactant pill in 8.2.9.
	6	Barafilm was mixed in with 10 bbl pill of 9.8 ppg brine (slug) – appeared to be effective. Will inspect DP (when returned from rig, and if it hasn't been used post Basker-2) to see if this was OK. If not possible to physically determine effectiveness of this method, will talk to Halliburton to obtain their opinion.
	7	DP & Tubing Cleaning – Wharf 27 has no bunding and is not set up for water-blasting etc, so will investigate alternatives (such as Toll's facility in Geelong, or Esso's at BBMT or any other possibilities).
8.3	1	Performed BOP Stack Test before cleanout trip. The original program called for this test to be performed immediately before perforating, to meet requirement of PSLA clause 506 (1) (iii) for a BOP test to be conducted less than 48 hours before commencing a perforating program – but we all recognise that this refers to underbalanced DSTs, not applicable in this case. The WOMP DTC Program will reflect this change, effectively gaining approval to do it this way around.
8.4	1	CBL showed reasonable cement bond in 7", not sure what we would we do if the bond did not appear to be OK. Need to run this log anyway in case early production is not as expected, may be able to eliminate poor cement as possible cause.
	2	Did not see pip tag in 7" liner, cannot explain this. Payment for this pip tag is currently under discussion with Schlumberger.

Program Section	Item	Observation / Change Made / Change Proposed
8.5	1	Did not bother to pre-mix the LCM pill as it can be mixed fairly quickly if required - wasn't required, as it happened. Same process will be applied in future wells – have chemicals ready, but don't mix them.
	2	Prefer to have marker pups below perf intervals, not above them. They were placed below (and between two groups) in Basker-2 in attempt to avoid running guns past open perfs, but this wasn't a problem as it happened.
8.8	1	Lots of confusion regarding depths being quoted in LAT & MSL (former generally used by rig personnel, latter preferred by geologists), Drilling will stick with LAT for future wells.
9.1	1	Pre-measured tally for 3½" tubing was correctly recorded on joints themselves but was incorrectly transferred to paper summary list (by someone with dyslexia – eg, 9.71m was written down as 9.17m, etc). This caused a bit of confusion while running the completion, and required some re-working of the running sheet to ensure that the blast joints were still correctly positioned. Need to have a UP rep on site when tallies are prepared (pre-completion phase), to cross-check these.
	2	A last minute major change to the completion design required both gas-lift SPMs to be run and exposed us to some operational risk by using up the backup assembly. The decision to do this was made with full understanding of the risks.
	3	The tailpipe Omega P&T gauge was not run due to problems with the USB link while downloading data to the Completion Supervisor's laptop (the SPM gauge USB link worked without any problems), so this tailpipe gauge was replaced with the backup Spartek gauge. As it happened, this was also a better "looking" assembly, in that it was all the same OD (Omega was larger OD, potential for it to catch on something while retrieving later).
	4	Should have installed all required running equipment prior to commencing running of completion – this would have saved some work (eg, pressure testing of annulus access hose) from being required to be performed on the critical path. Will include statement in future programs to include rig up of ALL required Shieves, Umbilicals & Hoses, prior to picking up tail pipe.
9.3	1	Pip tag in top packer was installed off the critical path.
	2	Note in 9.5.3 (and Step 9.1.22) was not applicable – there is no wet connection on the umbilical reel, so pressure can only be maintained on the SSSV line by locking this in via a needle valve (or two). Will look at modifying IWOCS, possibly to be panelled independently at the same time as the Jumper Plate on the side of the IWOCS Reel is replaced.
9.6	1	Saver sub on primary Tubing Hanger assy was longer than on backup Tubing Hanger assy, so that the control lines could still be connected up OK if there was a problem requiring the primary TH assy to be replaced. Pre-assemblies to be clearly marked as primary or secondary, and pre-assembly schematics to highlight this also.
	2	Step 9.6.5 – cannot wrap flatpack control line around tubing (below hanger).
	3	Step 9.6.7 – Designation of DH1 & DH2 were swapped around to be consistent with the nomenclature used on the suite of P&ID drawings which the project team is using for all construction work on the FPSO.
	4	Did not land hanger on split landing bowls until after tests through THHTT were completed, ie, performed at start of step 9.6.9 (not start of 9.6.8). Cameron Rig Book will be amended to reflect actual test process, however, the program steps will be amended to read as follows :

Program Section	Item	Observation / Change Made / Change Proposed
		• Pick-up TH & THHTT assembly and make up to completion string; • Lower string to a workable height for terminating control lines under TH and install hole cover around completion string; • Rig up test hoses to THHTT and flush control line ports; • Terminate, flush and pressure test all relevant control lines; • Install final control line protector(s) below TH, install both 1" Annulus Bore Test Plugs into TH; • Land TH onto split landing bowls and remove THHTT, lay out same.
	5	R/u and use of PCS Shuttle Table did not commence until after annulus access line installed and tested, ie, step 9.6.10 performed after step 9.6.13.
	6	Placed Spanner Joint at mid point in rotary table during r/u of shuttle table, to minimise chance of damaging any umbilicals etc – will repeat this in future wells.
	7	Need to include threads in bottom of Annulus ports in THRT to enable off-line tests to be conducted (ie, to test annulus access line connection at top of spanner joint) without using the existing test stump, which is very difficult to remove due to o-ring friction.
	8	Amend program steps to include the following sequence details : <u>Off Line Activities – During Completion Running</u> • Hook up the IWOCS control umbilical to the Spanner Joint Termination Plate, flush & function test the THRT / Control Lines prior to picking up the assembly – remove plugs on completion of tests. • Hook up the Annulus Access Hose Y-Piece assembly & 2" Hose, flush and pressure test the Annulus Access system to the bottom of the THRT assembly prior to picking up the assembly – remove plugs on completion of tests. • Secure the Control Line Umbilical and Annulus Access Hose to the Spanner Joint assembly by means of heavy duty ratchet straps while picking the assembly up to the rig floor. <u>Critical Path Activities – Prior to Running TH</u> • Pick up Spanner Joint / THRT assembly to rig floor. • Transfer the assembly to vertical position on the travelling block with the 5½" Manual Elevators. • Inspect Tubing Hanger bores and Annulus Check Valves mechanisms to ensure no debris is present prior to stabbing the THRT into the TH. • Flush all relevant control lines via IWOCS HPU. • Flush Annulus Access Hose and Spanner Joint / THRT bores with fresh brine via the cement unit, to purge any remaining air out of the system prior to stabbing the THRT into the TH. • Prepare THRT for make up to TH as per section 3.6.2 of the Cameron Rig Book. • Pressure test Annulus Access system & THRT / TH void to 4500psi / 10mins, bleed off pressure on completion of test. • When all Cameron & Anzon pre-running checks and tests are completed, set live functions on IWOCS Reel in preparation for running and disconnect jumper plate on Reel. • Pick up THRT / TH assembly out of the split landing bowls. • Install hole cover around completion string and remove both 1" Annulus Bore Test Plugs from TH.

Program Section	Item	Observation / Change Made / Change Proposed
		• Carry out final check that all control line protectors are in place and secure, pick up completion string to allow clearance for removing master bushings from rotary table. • Remove master bushings and lower completion string until the Spanner Joint Casing Section is in mid position across rotary table. • Rig up and install the 'Long Stroke Shuttle Table', which should be dressed with 5½" Tubing Slips. • Lower the completion string and land-the Spanner Joint assembly in the Shuttle Table slips. Take care when setting slips to ensure that the control umbilicals and annulus access hoses are clear, prior to land-off.
9.7	1	The original program called for the flowhead to be rigged up for the tubing hanger running phase, but this was eliminated by making use of the IDHC valves to pressure up against to set the upper packer, then an X-Selective Test Tool was run in to enable the lower packer to be set. This initiative saved a considerable amount of rig time and reduced the risk to personnel and equipment (particularly relevant, given that both stiff joint assemblies were subsequently bent during the later rig up & down of this assembly).
	2	The protectors for the umbilical and annulus access hose were not properly recessed for the AA hose, had to use taped-on rubber pads to secure the hose inside the protectors (one of these fell off, was subsequently found on top of the tubing hanger ARH plug by the ROV).
	3	Problems with leaks in sectional annulus access hose – will issue a revised cost benefit analysis for a single section hose system. On the basis of rig time savings & manual handling aspects, this can most likely be justified now.
	4	Need to use a smaller flowhead or FOBV during tubing-hanger landing process, too much exposure with large 7⅜" flowhead – Expro & Cameron to be asked to quote for provision of smaller unit. Will also consider use of a 5" Lubricator Valve and relevant x-overs from Expro for this utility. This can be pre-assembled & loaded out to the rig as a 'TH Landing Joint assembly' Note that we wish to retain capability of using Surface Stiff Joint, primarily as a Cased Wear Joint to protect umbilicals.
	5	Step 9.7.5 : Add 3000 psi to Latch Assist (to ensure that latch is not affected by pressure test between annular and tubing hanger). Also, add note to monitor annulus access line during test to check for leaks. Also, add note to open annular BOP after test completed.
9.8	1	Look at options for EOT tubing plug assy (disappearing plug, etc) to eliminate slickline runs. Cost-benefit analysis to be prepared.
10.1	1	Need to review / modify DODI procedures for r/u & r/d of choke and kill lines to slip joint – this is currently very inefficient.
10.2	1	Had requested DODI to perform mods to tree cart but these weren't done, so had to perform extra work on the critical path (eg, weld H-beam onto cart after rotating this 180º). Will discuss options with DODI to eliminate this H-beam or, if definitely required, modify it by installing pins & sockets to simplify the installation process. Also need to clarify if the casing cart can handle the combined weight of our Tree / TRT assembly at 24.5 tonnes, without using these beams.
	2	Will investigate use of single bridge crane to support tree so that it can be rotated while installing same onto tree cart (need to orientate stab plates to rig

Program Section	Item	Observation / Change Made / Change Proposed
		deck during testing, then rotate tree for installation on well) – use of 2 bridge cranes (as per Basker-2) requires use of spreader beam, which complicates rotation and is an overkill – using 2 x 30T lifting equipment for a 21T lift).
	3	The CVC Test Cap needs to remain in either the same orientation or rotated 180º, but cannot be rotated 90º as it will clash with rig components during deployment to well centre on the casing cart.
	4	Need special sling sets 1.5m long x 5T for use in the moonpool area, as the umbilical saddles were a little too low, making work with the umbilical etc very difficult.
	5	The ROV stab-plate hook is a bolt-on design which makes life difficult, Cameron to be asked to modify the design to include hinges. Similar problem with surface bullseye clamp.
	6	Guide arms were removed off TRT to enable this to be run through the rig floor, these guide arms were replaced with soft lines & c-clamps to aid re-connection if needed.
10.3	1	Need to manufacture more 5½" Vam Top riser pups, to replace damaged (bent) pups and to improve space-out inventory on the rig.
	2	Stiff joint design to be revised (add stiffeners up to crossover to 10"-4 SA?)
	3	Attach flowlines after flowhead / stiff jt assy is rigged up (but still in the slips), not before (ie, perform Step 10.3.2 after 10.3.4).
	4	There were some issues with the AMOG riser analyses – these indicated that the maximum safe working conditions would be exceeded at significant wave heights of 3.5m, yet actual riser movement in these conditions was minimal – maximum of 1.5º deviation seen in 4m seas. DODI vessel information and AMOG calculations to be revisited.
	5	Problems were experienced with communication between the DH1 & DH2 control lines (LV Open and ICV Open lines, respectively) during the SST tests, at pressures of around 6500 psi, suspected to be at the production mandrel to tubing hanger interface. Future options are still being considered, but Cameron have been asked to prepare a proposal for additional guide pins to prevent lateral movement during final landing.
	6	An option for future wells was raised to replace the existing spring-loaded 1" BPVs with Pressure Opening / Spring Return Slide Valves – this would require the use of at least one of the DH control line ports. Risk and cost-benefit analysis to be performed.
11	1	Expro offshore crew performed an excellent job offshore – installing, testing and operating their well test equipment in a very confined space. Expro onshore / management support was poor – complete lack of support regarding provision of a smaller flowhead, problems with the corroded heat exchanger, and difficulties agreeing on a logical demobilisation plan.
	2	Heat tracing worked well.
	3	The pipework was well laid out considering the limited area available.
	4	Bulk liquid samples (and assay samples) were taken from separators, not from the surge tanks as originally programmed – less congested and no requirement to clean out the sampling tanks between flow periods. Will eliminate the 2nd Surge Tank on the basis of this (use tank which is split into 2 x 50 bbl compartments).
	5	PPD injection worked successfully without any problems, but the value of the addition of this chemical is questionable. Will eliminate from future BMG well

Program Section	Item	Observation / Change Made / Change Proposed
		cleanups, but will have chemical and pumps available on standby.
12.1	1	Bullheading diesel worked OK, but supply rate was as low as 1.5 bpm at times, need to investigate improving this (replace or repair dedicated diesel supply pump ?).
	2	All lines and vessels were properly flushed before lines were broken down, with no evidence of wax except at the crossover immediately below the flowhead.
	3	Approx 1mm thick coating of wax was subsequently found on the inside of the completion riser (whole length) – samples to be tested to find a solvent for this wax.
	4	Add SST tests etc to program between steps 12.1.12 and 12.1.13 (to prove barriers again before handover). Cameron Manual to be revised to reflect suspension requirements.
12.2	1	Tree cap problems (damaged gasket) suspected to be due to alignment difficulties combined with rig heave (despite use of compensator). Recommend future ops use heavy weight drillpipe and a bumper sub, utilising 4-core umbilical with hot stabs pre-engaged. This would require HWDP to be left in derrick after cleanout trip, ie, not laid out.
	2	Add procedures to program to include DH valve isolations after step 12.2.9.
	3	Could not close the SSSV rotary isolation valve on the SST. Initially suspected that valve was not backed off ¼ turn when opened before SST run (resulting in valve becoming locked open after subsequent pressure testing), but subsequent review of ROV Video footage suggests that the SCSSV rotary isolation valve is actually closed – Fugro Torque Tool end effectors to be purchased and modified for the Anzon 17D buckets to resolve this issue for future wells. Subsequent tests on the same type of valve at Deer Park have shown that the valve can be damaged below the stated 300 ft/lbs limit – Cameron to resolve this problem with Oliver Valves.

Note : Refer also to “Basker-2 Issues & Learnings Report for Subsea Operations” for further details relating to the suggested improvements to some of the subsea activities.

ANZON Australia & Upstream Petroleum
Basker-2 Issues & Learnings Report for Subsea Operations
Date: 20/10/05

Operating Company:	ANZON Australia
Subsea Supervisor(s):	Keith Thomson / Wayne Bates
Drilling Contractor:	Diamond Offshore
Drilling Rig / Type:	Ocean Patriot – Bingo 3000
Wellhead Supplier:	Cameron Australasia
Subsea Tree Supplier	Cameron Australasia
IWOCS System Supplier	Upstream Petroleum
ROV Services Supplier	Fugro Survey
Location:	Bass Strait

Issues / Lessons Learned / Recommendations

Item No.	Issue / Learning	Recommendations
1.	Too much Cameron / UP subsea equipment arriving at one time, caused extra work trying to arrange deck space to accommodate everything.	Recommend that the load-out list is split and better defined between: 1) Tubing Hanger, 2) Tree & 3) Tree Cap load-out requirements.
2a.	Deck management of Subsea equipment needs more work. The 20ft Cameron container was placed on the deck during drilling operations and took up a large portion of useable space in the moonpool entrance.	Work with Fred Williams to revise deck layout drawings, to reflect what actually happened. Refer to photographs taken during B-2 operations for optimum Deck Management Plan (DMP) layout.
2b.	Positioning of IWOCS & Annulus Access Reels on the Ocean Patriot deck could not be achieved as per the proposed layout plan, this was due to other completion equipment already being positioned on the deck.	Work DMP as per above item.
2c.	Plan to have the reels positioned close to the catwalk and routed through moonpool wind wall for Tree Running Mode was not achievable, due to no modifications done to wind wall as discussed with rig engineer.	Reels were positioned close to the moonpool entrance area and ran for both Tubing Hanger & Tree Running modes, from this position. This position will be adopted as base plan for future wells, DMP to be revised accordingly.
3.	We were very tight on time for spanner joint preparation, after the hoses were threaded through the Umbilical Sheaves.	Change programme to include requirement to rig up sheaves & hoses at the same time as preparing to run the completion.

Item No.	Issue / Learning	Recommendations
4.	Need method of testing THRT AA voids with insert plugs, instead of having to use the test Stump, if at all possible?	Cameron to provide engineering solution and cost to achieve this end objective.
5a.	Sectional Annulus Access Hose causing problems with leaks on reel. This is due to the imposed bend radius on the fittings across the reel core.	Consider purchase of single section hose for FFD work. Cost benefit analysis document to be generated again.
5b.	Annulus Access Hose cost us 2 hours of Rig time and a lot of additional manual handling to flake the hose out on the moonpool deck prior to and after pressure testing.	As per above item.
6a.	Matrix Umbilical Protectors still not 'finished' to our satisfaction, with the following observations / findings: Overall profile is still too square.	Matrix protectors still need some additional work to make the profile less prone to hanging up on any well bore / riser ledges.
6b.	Protector securing nuts were biting into the plastic body of the protector.	Matrix need to provide bolts and nuts which have captive or integral type washers, to prevent occurrence of the 'digging-in'.
6c.	Proper hose shims were not provided for the Annulus Access side of the protector. What was provided was a suite of rubber pads which had to be 'duck-taped' onto the hose and then positioned inside the protector. This resulted in one of the pads either slipping off or being pulled out of the protector about 100m from surface. This was subsequently removed by the ROV jetting tool.	Matrix need to provide an I shaped insert sleeve for each protector, which is slipped around the hose and is secured within the protector by the lip profile at the top & bottom of the sleeve. These sleeves may also be further secured by use of a micro-grip type pad moulded inside the protector channels, if possible.
7.	IWOCs Reel proved difficult to respool when recovering the landing string in Tubing Hanger mode, due to the elevation of the sheaves. There was a concern about potential damage to the outer sheath, due to rubbing / tearing on the IWOCs unit frame.	Rig welder installed a bumper bar to the upper framework, to eliminate any potential for scraping or tearing of the umbilical sheath, during recovery. This worked well, however the respooling still proved difficult and required an excessive amount of manual handling. Consider installing a method of automated spooling, to either minimise or eliminate the manual handling elements.
8.	IWOCs Reel has no method of locking in pressure on the downhole functions during RIH mode, with the jumper plate removed.	UP to consider installing an independent panel on the IWOCs Reel to allow 'lock-in and monitoring' capability on the downhole functions.

Item No.	Issue / Learning	Recommendations
9.	The existing configuration on the BOP Gantry Crane for lifting the Subsea Tree requires use of the 50tonne spreader bar on both auxiliary hoists. This was originally required by Santos for lifting the Casino Trees which were in excess of 30tonnes. As our trees are only 21.4 tonnes, do we really need this item?	Discuss this matter with DOGC again. The BOP auxiliary hoists have a capacity of 30tonnes each and have a swivel hook arrangement on each block. If we can use one of these hoists to lift the tree onto the moonpool casing cart, we would have much better flexibility for rotating & positioning the tree both on the deck and into the moonpool areas.
10.	The current method of deploying the Tree in / out of the moonpool requires use of 2off H-Beams which straddle the casing cart assembly, in order to relieve the weight of the Subsea Tree off of the casing cart's centre 'horseshoe' section. This item needs to be welded into place and then cut off when not in use. As the Anzon Tree's are fairly light, is this really needed?	Make a second request (previously sent to the rig engineer) to Diamond, to have the H-Beams for the Casing Cart either: a) Removed, if the cart can deal with the 21.4 tonnes of the SST assembly, or b) Modify the H-Beams & Casing Cart to have a Pin & Socket arrangement fitted, which allows slotting in of the beams onto the casing cart.
11.	Potential clash with moonpool divertor sheaves and guidelines, when deploying Subsea Tree to well centre, under the rotary table.	When installing the CVC Test cap onto the Subsea Tree on the Rig, ensure that the ROV panel is oriented to the rear of the SST assembly, this is to avoid any potential snagging issues which were observed during the skid to well centre. Cameron to revise rig book accordingly.
12.	During pre-submergence work on the Tree in the moonpool area, the umbilicals proved difficult to move / route around the Tree. This was due to the fact that the saddles were hanging a little too low, making for a tight bend angle back up to the tree roof.	Consider purchasing 3off – 1.50m long x 5 tonne slings, in order to raise the IWOCS Umbilical / AA Hose Saddles clear of the tree structure whilst carrying out pre-submergence ops.
13.	ROV Stabplate hook proved difficult to install in moon pool, due to lack of lifting points and split bolt-on design.	Request quote from Cameron to modify this unit to become a hinged unit with lifting eyelets and swing bolts. Also include hooks on either side, to increase flexibility for ROV.
14.	No capability on IWOCs HPU to constantly monitor / chart the status of the downhole functions, this would have proved invaluable during the Upper flow period where the ICV was observed to close in on us.	Consider purchasing and installing a 4 pen, 0-10kpsi Chart recorder onto the IWOCs HPU, to allow constant monitoring. This will also improve rig efficiencies, due to capability to test multiple downhole lines concurrently.

15.	Pup Joint between the Surface Flowhead and Top of Stiff Joint is too weak for the weight of the 2 units.	Request AML to provide drawing revision, to achieve the following: a. Remove the top pup joint, install acme x/over directly onto tubing joint. b. Re-machining or replacement of Stiff Joint Top Clamp, to provide full bracing onto the acme x/over, per a. above.
16.	As per item 13. above, the Surface Bullseye proved difficult to install, due to split bolt-on design.	Same action as 13. above, modify clamp to provide hinge & swing bolt type installation.
17.	Encountered a control line integrity issue between DH-1 & DH-2. Suspect possible issue with final alignment, although not seen during any of the onshore SIT's.	a. Cameron to consider installation of final alignment pins on tree base plate / PGB. b. Consider upgrading the rigidity of the seals from 70durometer to 90durometer rating.
18a.	Tree Cap installation proved troublesome on several fronts, as follows: Could not find a neutral point with drill string to land cap perfectly.	Revise programme for future wells to run this item with a string of heavy weight DP and a bumper sub above the TCRT.
18b.	ROV Crew struggled to maintain station at Tree Cap and were rotating the tree cap when installing or removing the hot-stabs from the ROV Panel, this was exaggerated by the fact that the fluid skid malfunctioned when trying to lock the tree cap to the re-entry mandrel.	Recommend that we use the 4 core reeler for this work in future, so that the hot-stabs are already in place on the ROV Panel when we run the Tree Cap subsea. This will prevent the pushing / pulling on the Tree Cap assembly, which was seen during the attempted fluid skid work.
19.	Wasted 15mins trying to get final alignment on the Production Bridging Plate. The plate WAS fully made up all along, this could only be observed when we moved the camera position to the top observation window.	Cameron to paint the fixed plates YELLOW in the observation window areas, to ensure the face to face make-up is more visible.
20.	Fugro Torque Tool turns counter failed to operate in the 17D Buckets, this led to the SCSSV rotary isolation valve position being in question and if it is closed an excessive force has been used to achieve this. We have found a reason for this failure – the valve position indicator is pushing the class 2 end effector out of alignment with the magnetic turns pick-up on the tool body.	a. Fugro to modify the Class 2 end effector(s), b. Repeat interface tests with the 17D buckets on Tree No.2 c/w position indicators in place. c. Provide quote to UP / Anzon for modifications or purchase of end effectors.

21	Test receptacle for testing Tree Cap test stab prior to deployment	We were unable to test the TCT line prior to deployment. If this is not tested and there is a failure at a fitting or seal the Landing String would have to be recovered to repair as the aux hose will be run with LS.
22	Unable to lock in SSSV pressure when running Tubing Hanger and landing string.	A needle valve was fitted to the Umbilical reel to lock pressure in but a gauge is also required. This was temporary fix and requires a fixed panel.
23	XT ROV operated needle valve indicators gave an incorrect indication.	When marking up the open close indications at SIT the ROV needle valve needs to have the same torque applied as the ROV will apply.
24	2” Fitting broke off Annulus hose reel.	Appeared the fitting threads were only made up by 3 threads. Need to ensure the correct make up of the fittings and if not able to make up the full threads find out why, remembering this is a 5000 psi system.
25	No parking receptacle for VX test Blind stab when running XT	Need to insert a receptacle in the panel to accommodate the VXT blind stab

APPENDIX 2

DAILY DRILLING REPORTS

Anzon Australia LIMITED

DRILLING MORNING REPORT # 1
BASKER - 2

06 Aug 2005

From: WJ Westman
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$3,568,126
Rig	OCEAN PATRIOT	Days from spud	0.00	Shoe MDBRT	0.0m	Cum Cost	$3,568,126
Wtr Dpth(MSL)	155.5m	Days on well	0.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600

Planned Op

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 06 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	0430	1330	9.00	0.0m	Last anchor on rack at o4:22 am. Dip fuel and prepare statement. Pacific Wrangler on tow bridle. Far Grip following. Tow at 4.5 knts.
RM	TP (RE)	RM	1330	1500	1.50	0.0m	Towline shackle (85ton) parted at fishplate. Wrangler recover tow line. Rig recover fishplate.
RM	TP (RE)	RM	1500	1630	1.50	0.0m	Pass secondary tow bridle to Pacific Wrangler and attach 2nd tow bridle. Port leg of tackle broke behind thimble when loaded. (Leg had twisted previously during attachment process).
RM	TP (RE)	RM	1630	1700	0.50	0.0m	Drop #5 anchor to hold rig stern-to-weather. Pay out 600m of chain. Weather deteriorating. Wind 30 knts gusting 40 knts. Position 39º 18.19' S 143º 26.6" E
RM	TP (RE)	RM	1700	1900	2.00	0.0m	Attempt to attach re-built primary tow bridle. Wind 40 knts+.
RM	TP (RE)	RM	1900	2400	5.00	0.0m	Shut down due to sea height and darkness. Danger of losing seamen overboard. Rig is clear of shipping lanes. Far Grip and Wrangler maintain watch for shipping. Ballast down to storm draught to stabilize rig as #8 anchor being moved on bolster by sea.

Operations For Period 0000 Hrs to 0600 Hrs on 07 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (RE)	RM	0000	0600	6.00	0.0m	Wait on daylight. Weather moderating.

Phase Data to 2400hrs, 06 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	19.5	06 Aug 2005	06 Aug 2005	19.50	0.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	56.65			56.6
Bentonite Bulk	MT	35.27			35.3
Diesel	m3	327.403	6.1		321.3
Fresh Water	m3	354.5			354.5
Drill Water	m3	174.6			174.6
Cement G	MT	47.11			47.1

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing

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Personnel On Board

Company	Pax	Comment
DOGC	50	All Diamond Personnel
DOGC	1	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	2	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	5	ROV and Surveyors
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
MO47 CREW	9	From OMS
MARCOM	1	Comms Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
Total	82	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 2
BASKER - 2

07 Aug 2005

From: WJ Westman
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$289,144
Rig	OCEAN PATRIOT	Days from spud	0.00	Shoe MDBRT	0.0m	Cum Cost	$3,857,270
Wtr Dpth(MSL)	155.5m	Days on well	1.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600: Deballast rig to transit draught. Prepare to re-establish tow.

Planned Op:

Summary of Period 0000 to 2400 Hrs

Re-establish tow.
Helicopter for DODI welder. Father badly injured in automobile accident.

Operations For Period 0000 Hrs to 2400 Hrs on 07 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (RE)	RM	0000	0600	6.00	0.0m	Wait on daylight. Weather moderating.
RM	TP (RE)	RM	0600	1100	5.00	0.0m	De-ballast rig to transit draught. Prepare to reinstate tow.
RM	TP (RE)	RM	1100	1430	3.50	0.0m	Pass messenger line / tow bridle to Pacific Wrangler. Lift #8 anchor to rack. Secure tow. Lift #5 anchor. #5 racked at 14:30.
RM	P	RM	1430	2400	9.50	0.0m	Under tow to Basker #2.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	0000	0600	6.00	0.0m	(IN PROGRESS) On tow to Basker #2. Time Position Speed. Dist trav. Dist to go. Course 06:00 39deg 16.4'S, 144deg 39.3'E 4.16 kts 111.3 198.8 090 12:00 39deg 17.6'S, 145deg 36.0'E 4.80 Kts 140.3 169.8 090 18:00 39deg 17.8'S, 146deg 14.9'E 4.95 Kts 170.0 140.1 090 24:00 39deg 12.2'S, 146deg 48.0'E 4.50 Kts 197.1 113.0 000

Phase Data to 2400hrs, 07 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	43.5	06 Aug 2005	07 Aug 2005	43.50	1.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		56.6
Bentonite Bulk	MT		0		35.3
Diesel	m3		6.6		314.7
Fresh Water	m3		0		354.5
Drill Water	m3		0		174.6
Cement G	MT		0		47.1

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing

Personnel On Board

Company	Pax	Comment
DOGC	49	All Diamond Personnel
DOGC	1	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	2	Operator Personnel

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Personnel On Board		
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	5	ROV and Surveyors
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
MO47 CREW	9	From OMS
MARCOM	1	Comms Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
Total	81	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 3
BASKER - 2

08 Aug 2005

From: WJ Westman
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$293,241
Rig	OCEAN PATRIOT	Days from spud	0.00	Shoe MDBRT	0.0m	Cum Cost	$4,150,511
Wtr Dpth(MSL)	155.5m	Days on well	2.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600: Tow to Basker #2.
Position @ 06:00
39º 2' 56" S
147º 19' 10.5 E

Planned Op

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 08 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	0000	2400	24.00	0.0m	On tow to Basker #2. Time Position Speed. Dist trav. Dist to go. Course 06:00 39deg 16.4'S, 144deg 39.3'E 4.16 kts 111.3 198.8 090 12:00 39deg 17.6'S, 145deg 36.0'E 4.80 Kts 140.3 169.8 090 18:00 39deg 17.8'S, 146deg 14.9'E 4.95 Kts 170.0 140.1 090 24:00 39deg 12.2'S, 146deg 48.0'E 4.50 Kts 197.1 113.0 000

Operations For Period 0000 Hrs to 0600 Hrs on 09 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	0000	0600	6.00	0.0m	(IN PROGRESS) On tow to Basker - 2 well Time Position Speed Dist trav. Dist to go. Course 06:00 39deg 45.5'S 147deg 20.1'E, 4.36 kts, 223.4nm, 86.7nm, 070 deg 12:00 39deg 54.4'S 147deg 49.8'E, 4.18 kts, 248.5nm, 61.6nm, 069 deg 18:00 38deg 45.5'S 148deg 20.1'E, 4.36 kts, 274.7nm, 32.4nm, 049 deg 24:00 38deg 31.2'S 148deg 37.5'E 2.50 kts, 289.4nm, 17.6nm, 021 deg

Phase Data to 2400hrs, 08 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	67.5	06 Aug 2005	08 Aug 2005	67.50	2.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		56.6
Bentonite Bulk	MT		0		35.3
Diesel	m3		3		311.7
Fresh Water	m3		0		354.5
Drill Water	m3		0		174.6
Cement G	MT		0		47.1

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing

Personnel On Board

Company	Pax	Comment
DOGC	49	All Diamond Personnel
DOGC	1	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	2	Operator Personnel
ESS	8	Catering Personnel

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Personnel On Board		
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	5	ROV and Surveyors
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
MO47 CREW	9	From OMS
MARCOM	1	Comms Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
Total	81	

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Anzon Australia LIMITED

09 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 4
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$292,742
Rig	OCEAN PATRIOT	Days from spud		Shoe MDBRT	0.0m	Cum Cost	$4,443,253
Wtr Dpth(LAT)	155.0m	Days on well	3.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(LAT)	21.5m	Planned TD MD					
RT-ML	176.5m	Planned TD TVDRT					

Current Op @ 0600	At position 38deg 14.33'S, 148deg 54.16'E. 10nm from Basker - 2 location. Preparing to drop #5 anchor to wait on weather as unable to make headway into weather for run-in to anchor drop point
Planned Op	Complete tow, run anchors and pretension. Prepare to spud

Summary of Period 0000 to 2400 Hrs

On tow to Basker - 2 well

Operations For Period 0000 Hrs to 2400 Hrs on 09 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	RM	0000	2400	24.00	0.0m	On tow to Basker - 2 well Time Position Speed Dist trav. Dist to go. Course 06:00 39deg 45.5'S 147deg 20.1'E, 4.36 kts, 223.4nm, 86.7nm, 070 deg 12:00 39deg 54.4'S 147deg 49.8'E, 4.18 kts, 248.5nm, 61.6nm, 069 deg 18:00 38deg 45.5'S 148deg 20.1'E, 4.36 kts, 274.7nm, 32.4nm, 049 deg 24:00 38deg 31.2'S 148deg 37.5'E 2.50 kts, 289.4nm, 17.6nm, 021 deg

Operations For Period 0000 Hrs to 0600 Hrs on 10 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	0500	5.00	0.0m	Attempt run-in to location. 2 nm from location. Rough weather pulling Rig and Pacific Wrangler backward (East) at 1.5 knts). Wind 25knts gusting 35 knts. Seas 3m. 70-75 ton pull on towline.
RM	TP (WOW)	RM	0500	0600	1.00	0.0m	(IN PROGRESS) Weather deteriorating. Wind and sea rising 40 knts 4 -5 m. Unable to make way. Travelling east at 2 knts.

Phase Data to 2400hrs, 09 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	91.5	06 Aug 2005	09 Aug 2005	91.50	3.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	56.65			56.6
Bentonite Bulk	MT	35.27			35.3
Diesel	m3	311.7	2.9		308.8
Fresh Water	m3	363.5	12.5		351.0
Drill Water	m3	156.3	17.7		138.6
Cement G	MT	47.11			47.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 12P160	6.50		0			
2	National 12P160	6.50		0			
3	Oilwell	6.50		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Anzon Australia LIMITED

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
	A1700PT																

Personnel On Board

Company	Pax
DOGC	48
DOGC	1
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	8
M-1 AUSTRALIA PTY LTD	1
MO47 CREW	9
MARCOM	1
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	86

Marine

Weather on 09 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	315.0deg	1,003.0mbar	13C°	1.0m	315.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
49.0deg		3,653.98klb	2.0m	315.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	
2	
3	
4	
5	
6	
7	
8	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Far Grip			Standby vessel	

Item	Unit	Used	Quantity
Diesel	m3		231
Drill Water	m3		790
Fresh Water	m3		418
Barite Bulk	MT		42
Bentonite Bulk	MT		42
Cement G	MT		76

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Towing vessel	

Item	Unit	Used	Quantity
Diesel	m3		338.5
Drill Water	m3		635
Fresh Water	m3		238
Barite Bulk	MT		37
Bentonite Bulk	MT		42
Cement G	MT		42

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	11:07 / 11:19	8 / 3	

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Anzon Australia LIMITED

10 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 5
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$263,378
Rig	OCEAN PATRIOT	Days from spud		Shoe MDBRT	0.0m	Cum Cost	$4,706,631
Wtr Dpth(LAT)	155.0m	Days on well	4.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(LAT)	21.5m	Planned TD MD					
RT-ML	176.5m	Planned TD TVDRT					

Current Op @ 0600	Waiting on weather
Planned Op	Wait on weather window to move to location and set anchors

Summary of Period 0000 to 2400 Hrs

Towed rig to within 10nm of Basker - 2 location. Unable to make headway into weather for run-in to drop anchor. Moved rig to shallow water to drop #8 anchor and waiting on wind and swell to drop before moving location and anchoring

Operations For Period 0000 Hrs to 2400 Hrs on 10 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	0500	5.00	0.0m	Attempt run-in to location. 2 nm from location. Rough weather pulling Rig and Pacific Wrangler backward (East) at 1.5 knts). Wind 25knts gusting 35 knts. Seas 3m. 70-75 ton pull on towline.
RM	TP (WOW)	RM	0500	0830	3.50	0.0m	Weather deteriorating. Wind and sea rising 40 knts 4 -5 m. Unable to make way. Travelling east at 2 knts.
RM	TP (WOW)	RM	0830	0930	1.00	0.0m	Drop #8 anchor and pay out 650m chain. Anchor holding. Position 38º 12' 26.6 S 148º 58' 07.1 E
RM	TP (WOW)	RM	0930	2400	14.50	0.0m	Rig heading 273º. Deballast rig to storm draught. 0800 hrs, 40kt wind, seas 2.0m, swell 2.0m, pitch 2.5 deg, roll 3.0 deg 1200 hrs, 40kt wind, seas 3.0m, swell 3.0m, pitch 2.5 deg, roll 3.0 deg 1800 hrs 45kt wind, seas 2.5m, swell 5.0m, pitch 3.0 deg, roll 2.0 deg 2400 hrs 40kt wind, seas 3.0m, swell 3.0m, pitch 3.0 deg, roll 2.0 deg

Operations For Period 0000 Hrs to 0600 Hrs on 11 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	0600	6.00	0.0m	Continue to wait on weather to abate off location before anchoring operations can continue. 0600 hrs wind 45kts, seas 2.5m, swell 5.0m, pitch 2.5 deg, roll 2.5 deg

Phase Data to 2400hrs, 10 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	115.5	06 Aug 2005	10 Aug 2005	115.50	4.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0			56.6
Bentonite Bulk	MT	0			35.3
Diesel	m3	0	3.5		305.3
Fresh Water	m3	30	25.3		355.7
Drill Water	m3	0	5.9		132.7
Cement G	MT	0			47.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Anzon Australia LIMITED

Pumps

Pump Data - Last 24 Hrs

								Slow Pump Data									
1	National 12P160	6.50		0													
2	National 12P160	6.50		0													
3	Oilwell A1700PT	6.50		0													

Personnel On Board

Company	Pax
DOGC	48
DOGC	1
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	8
M-1 AUSTRALIA PTY LTD	1
MO47 CREW	9
MARCOM	1
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	86

Marine

Weather on 10 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	40kn	270.0deg	1,010.0mbar	10C°	3.0m	270.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
305.0deg		3,653.98klb	5.0m	270.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	
2	
3	
4	
5	
6	
7	
8	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Far Grip			Standby vessel	

Item	Unit	Used	Quantity
Diesel	m3		217
Drill Water	m3		790
Fresh Water	m3		413
Barite Bulk	MT		42
Bentonite Bulk	MT		42
Cement G	MT		76

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Towing vessel	

Item	Unit	Used	Quantity
Diesel	m3		323.5
Drill Water	m3		635
Fresh Water	m3		233
Barite Bulk	MT		37
Bentonite Bulk	MT		42
Cement G	MT		42

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	11:07 / 11:19	8 / 3	

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Anzon Australia LIMITED

11 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 6
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$317,545
Rig	OCEAN PATRIOT	Days from spud		Shoe MDBRT	0.0m	Cum Cost	$5,024,176
Wtr Dpth(LAT)	155.0m	Days on well	5.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(LAT)	21.5m	Planned TD MD					
RT-ML	176.5m	Planned TD TVDRT					

Current Op @ 0600	Continue deballasting rig. Estimated completion of deballast at 07:30 hrs 12 August
Planned Op	Complete deballast rig. Pick up #8 anchor. Tow to Basker - 2 location. Run anchors

Summary of Period 0000 to 2400 Hrs

Waited on weather to subside to continue rig tow to Basker - 2 location. Started deballasting rig from survival draft in preparation to continue tow to Basker - 2 location

Operations For Period 0000 Hrs to 2400 Hrs on 11 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	2300	23.00	0.0m	Continue to wait on weather to abate off location before anchoring operations can continue. 0600 hrs wind 45kts, seas 2.5m, swell 5.0m, pitch 2.5 deg, roll 2.5 deg 1200 hrs wind 40kts, seas 3.0m, swell 3.0m, pitch 2.0 deg, roll 2.0 deg 1800 hrs wind 33kts, seas 3.0m, swell 3.0m, pitch 2.0 deg, roll 2.0 deg 2200 hrs wind 26kts, seas 3.0m, swell 2.0m, pitch 2.0 deg, roll 2.0 deg
RM	TP (WOW)	RM	2300	2400	1.00	0.0m	Start deballasting rig from survival draft of 20m to moving draft of 10.7m

Operations For Period 0000 Hrs to 0600 Hrs on 12 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	0600	6.00	0.0m	Continue deballasting rig from survival draft of 20m to moving draft of 10.7m

Phase Data to 2400hrs, 11 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	139.5	06 Aug 2005	11 Aug 2005	139.50	5.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0			56.6
Bentonite Bulk	MT	0			35.3
Diesel	m3	0	10.4		294.9
Fresh Water	m3	25	24.1		356.6
Drill Water	m3	0	0		132.7
Cement G	MT	0			47.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 12P160	6.50		0			
2	National 12P160	6.50		0			
3	Oilwell A1700PT	6.50		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Anzon Australia LIMITED

Personnel On Board

Company	Pax
DOGC	48
DOGC	1
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	8
M-1 AUSTRALIA PTY LTD	1
MO47 CREW	9
MARCOM	1
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	86

Marine

Weather on 11 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	245.0deg	1,014.0mbar	10C°	3.0m	245.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
305.0deg		3,653.98klb	5.0m	245.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	
2	
3	
4	
5	
6	
7	
8	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip			Standby vessel

Bulks

Item	Unit	Used	Quantity
Diesel	m3		204
Drill Water	m3		790
Fresh Water	m3		408
Barite Bulk	MT		42
Bentonite Bulk	MT		42
Cement G	MT		76

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Towing vessel

Bulks

Item	Unit	Used	Quantity
Diesel	m3		310.9
Drill Water	m3		635
Fresh Water	m3		228
Barite Bulk	MT		37
Bentonite Bulk	MT		42
Cement G	MT		42

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Anzon Australia LIMITED

12 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 7
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$309,348
Rig	OCEAN PATRIOT	Days from spud	0.00	Shoe MDBRT	0.0m	Cum Cost	$5,333,524
Wtr Dpth(MSL)	155.5m	Days on well	6.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	All 4 primary anchors set, # 1,8,4,5. Pretensioning primarys found # 1 anchor slipping. Running J hook to catch # 1 anchor as PCC parted while stretching out chain.
Planned Op	Complete running all anchors and pretension. Pick up 5" DP and 36" BHA. Spud well

Summary of Period 0000 to 2400 Hrs

Deballasted rig at standby location. Picked up # 8 anchor. Towed rig to Basker 2 location. Far Grip set # 4 anchor. Far grip running # 8 anchor

Operations For Period 0000 Hrs to 2400 Hrs on 12 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	TP (WOW)	RM	0000	0730	7.50	0.0m	Continue deballasting rig from survival draft of 20m to moving draft of 10.7m to resume tow to Basker - 2 location. 0600 hrs - Rig hauled in on # 8 anchor and lifted same while completing deballast 0715 hrs - Anchor # 8 racked. Rig stripping tanks to complete deballast to transit draft
RM	TP (WOW)	RM	0730	1500	7.50	0.0m	Continue tow rig to Basker 2 location 1200 hrs 38deg 15.4'S, 148deg 49.1'E, Speed 2.1kts, Travelled 317.3nm, To go 3.6nm
RM	TP (OTH)	AH	1500	1630	1.50	0.0m	Far Grip alongside rig to pick up anchor # 4 PCC PCC fouled on rig pontoon Far Grip unfoul PCC from rig pontoon and secure anchor # 4 PCC to boat
RM	P	AH	1630	2045	4.25	0.0m	Rig payed out 200m of chain on anchor # 4 Far Grip following rig holding onto anchor # 4
RM	P	AH	2045	2115	0.50	0.0m	At anchor # 4 drop point, Far Grip puts # 4 anchor on bottom at 20:50 hrs Rig continues to be towed to Basker 2 location while rig pays out on # 4 anchor chain
RM	TP (VE)	AH	2115	2215	1.00	0.0m	Problems with Nav equipment screen on Far Grip. Far Grip unable to strip back PCC to rig until Nav screen fixed Fugro on rig work with Far Grip to fix Nav screen
RM	P	AH	2215	2400	1.75	0.0m	Far Grip strip back # 4 PCC to rig # 4 PCC to rig - 2307 hrs Anchor # 8, MV Far Grip PCC to boat - 2337 hrs Run anchor - 2342 hrs

Operations For Period 0000 Hrs to 0600 Hrs on 13 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
RM	P	AH	0000	0600	6.00	0.0m	Anchor # 8, MV Far Grip 0020 hrs - Anchor on bottom 0111 hrs - PCC passed to rig Anchor # 1, MV Far Grip 0145 hrs - PCC passed to boat 0206 hrs - running out anchor 0240 hrs - anchor on bottom - Boat reports PCC parted 4m from boat end Anchor # 5, MV Far Grip 0330 hrs - PCC passed to boat 0402 hrs - running out anchor 0433 hrs - anchor on bottom 0550 hrs - PCC back to rig Anchor # 1 slipping at at 123 tonne tension, indicating wrong orientation

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Anzon Australia LIMITED

Phase Data to 2400hrs, 12 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	163.5	06 Aug 2005	12 Aug 2005	163.50	6.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0			56.6
Bentonite Bulk	MT	0			35.3
Diesel	m3	0	5.4		289.5
Fresh Water	m3	29.1	26.3		359.4
Drill Water	m3	0	11.7		121.0
Cement G	MT	0			47.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 12P160	6.50		0			
2	National 12P160	6.50		0			
3	Oilwell A1700PT	6.50		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing

Personnel On Board

Company	Pax
DOGC	47
DOGC	2
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	8
M-1 AUSTRALIA PTY LTD	1
MO47 CREW	9
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	87

Marine

Weather on 12 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	247.0deg	1,020.0mbar	12C°	2.5m	247.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
262.0deg		3,653.98klb	2.0m	247.0deg	8s	

Comments

Rig Support

Anchors	Tension (klb)
1	
2	
3	
4	
5	
6	
7	
8	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip			Standby vessel

Bulks

Item	Unit	Used	Quantity
Diesel	m3		190
Drill Water	m3		790

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Printed on 17 Aug 2005

				Item	Unit	Used	Quantity
				Fresh Water	m3		403
				Barite Bulk	MT		42
				Bentonite Bulk	MT		42
				Cement G	MT		76
Pacific Wrangler			Towing vessel	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		292.2
				Drill Water	m3		635
				Fresh Water	m3		223
				Barite Bulk	MT		37
				Bentonite Bulk	MT		42
				Cement G	MT		42

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1039 / 1053	10 / 9	

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Anzon Australia LIMITED

13 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 8
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	0.0m	Cur. Hole Size	0.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	0.0m	Last Casing OD	0.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	0.0m	Daily Cost	$303,390
Rig	OCEAN PATRIOT	Days from spud	0.00	Shoe MDBRT	0.0m	Cum Cost	$5,636,914
Wtr Dpth(MSL)	155.5m	Days on well	7.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Picking up 5" HWDP then RIH with BHA for spud
Planned Op	Complete picking up tubulars. RIH with BHA and spud well. Drill to 30" TD. Fill hole with PHG. POOH and run 30" conductor and cement in place.

Summary of Period 0000 to 2400 Hrs

Continued to run anchors and pretensioned. Moved rig onto location and ballasted down to drilling draft. Started to pick up tubulars for spudding well.

Operations For Period 0000 Hrs to 2400 Hrs on 13 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
A	P	AH	0000	0600	6.00	0.0m	Anchor # 8, MV Far Grip 0020 hrs - Anchor on bottom 0111 hrs - PCC passed to rig Anchor # 1, MV Far Grip 0145 hrs - PCC passed to boat 0206 hrs - running out anchor 0240 hrs - anchor on bottom - Boat reports PCC parted 4m from boat end Anchor # 5, MV Far Grip 0330 hrs - PCC passed to boat 0402 hrs - running out anchor 0433 hrs - anchor on bottom 0550 hrs - PCC back to rig Anchor # 1 slipping at at 123 tonne tension, indicating wrong orientation
A	TP (RE)	AH	0600	1145	5.75	0.0m	MV Far Grip Rigging up "J" Hook to chase out anchor # 1 0715 hrs - Far Grip "J" hooks # 1 chain and begins chasing back to anchor 0815 hrs - Far Grip reports "J" hook come off chain 0837 hrs - Far Grip hooked chain again, chasing out to anchor 1001 hrs - Far Grip reports "J" hook at anchor 1010 hrs - Anchor # 1 off bottom 1032 hrs - Anchor # 1 at Far Grip roller, wrong way round - unable to get to get anchor on deck of boat 1100 hrs - Far Grip advised that decision made to run anchor "as is" without installing new PCC 1135 hrs - Anchor # 1 on bottom 1147 hrs - Far Grip chasing back to rig with "J" hook
A	P	AH	1145	2300	11.25	0.0m	1147 hrs - MV Wrangler shortens tow wire 1222 hrs - Rig retreived tow wire MV Wrangler rigged down tow system, rigged up to run anchors MV Far Grip rigged down "J" hook gear, rigged up to run anchors Anchor # 2, MV Far Grip 1320 hrs - PCC secured on boat - anchor upside down - correct orientation of anchor 1434 hrs - Run out # 2 anchor 1517 hrs - Anchor # 2 on bottom 1648 hrs - PCC secured on rig Anchor # 6, MV Wrangler 1325 hrs - PCC secured on boat 1342 hrs - run out # 6 anchor 1406 hrs - Anchor # 6 on bottom 1436 hrs - PCC secured to rig

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Anchor # 7, MV Wrangler 1456 hrs - PCC secured to boat 1507 hrs - Run out # 7 anchor chain 1532 hrs - Anchor # 7 on bottom 1610 hrs - PCC secured on rig Anchor # 3. MV Wrangler 1620 hrs - anchor passed to Wrangler 1657 hrs - PCC secured to boat 1854 hrs - Run out # 3 anchor 1907 hrs - anchor # 3 on bottom 1958 hrs - PCC secured to rig 1700 - 1800 hrs - storm tension anchors to 200 tonne - OK Commenced ballasting rig down to drilling draft at 1800 hrs Completed ballasting rig to 23.5m draft at 2334 hrs
PS	P	PUP	2300	2400	1.00	0.0m	Pick up 5" drill pipe and rack back in derrick 5 stands picked up at midnight

Operations For Period 0000 Hrs to 0600 Hrs on 14 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PS	P	PUP	0000	0600	6.00	0.0m	(IN PROGRESS) Continue pick up 5" DP - total of 1000m of DP picked up Made up 30" cementing stand and running tool. ROV completed 70m radius from well centre seabed scan on video

Phase Data to 2400hrs, 13 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	1	13 Aug 2005	13 Aug 2005	187.50	7.812	0.0m

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0			113.3
Bentonite Bulk	MT	0			70.5
Diesel	m3	0	5.4		595.8
Fresh Water	m3	25	19.5		719.4
Drill Water	m3	0	0		295.6
Cement G	MT	0			94.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.500		0			
2	National 12P160	6.500		0			
3	Oilwell A1700PT	6.500		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
9 5/8"	/	/	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	3	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	3	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing

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Personnel On Board

GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	8	ROV and Surveyors
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	2	Casing Crew
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2	Wireline Personnel
Total	81	

Marine

Weather on 13 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
20.0nm	5kn	310.0deg	10,240.0mbar	14C°	0.0m	310.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
25.0deg		3,627.58klb	0.5m	310.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	275.0
2	240.0
3	240.0
4	233.0
5	253.0
6	273.0
7	279.0
8	279.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip			Standby vessel

Bulks

Item	Unit	Used	Quantity
Diesel	m3		167
Drill Water	m3		790
Fresh Water	m3		398
Barite Bulk	MT		42
Bentonite Bulk	MT		42
Cement G	MT		76

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Standby boat

Bulks

Item	Unit	Used	Quantity
Diesel	m3		274.6
Drill Water	m3		635
Fresh Water	m3		218
Barite Bulk	MT		37
Bentonite Bulk	MT		42
Cement G	MT		42

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	1100		

Bulks

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1116 / 1130	3 / 9	

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Anzon Australia LIMITED

14 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 9
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	208.0m	Cur. Hole Size	36.000in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	208.0m	Last Casing OD	30.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	208.0m	Daily Cost	$416,845
Rig	OCEAN PATRIOT	Days from spud		Shoe MDBRT	208.0m	Cum Cost	$6,053,759
Wtr Dpth(LAT)	155.0m	Days on well	8.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(LAT)	21.5m	Planned TD MD					
RT-ML	176.5m	Planned TD TVDRT					

Current Op @ 0600	Waiting on cement to harden around 30" conductor
Planned Op	Wait on cement. Release running tool and pull to surface. Make up 17 1/2" BHA and run in hole to drill ahead

Summary of Period 0000 to 2400 Hrs

Continued to pick up tubulars for spudding well. Picked up 36" BHA and ran in hole. Spudded well and drilled to 208m. Filled hole with PHG. POOH and racked back BHA. Ran 30 x 20" conductor leaving PGB 2.5m above seabed

Operations For Period 0000 Hrs to 2400 Hrs on 14 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SH	P	PUP	0000	0730	7.50	0.0m	Continue pick up 5" DP - total of 1000m of DP picked up Made up 30" cementing stand and running tool. ROV completed 70m radius from well centre seabed scan on video
SH	P	HBHA	0730	1100	3.50	176.0m	Picked up 36" BHA. RIH to seafloor. Checked Anderdrift OK. 0º. Water depth confirmed at 154.5m RKB to Mudline at drilling draft of 23.5m = 176m LAT Rig position at 1.3m @ 70deg off location
SH	P	TI	1100	1200	1.00	176.0m	ROV observed tag. 177m RKB. Air gap 21.5m. Tide +1.0m.
SH	P	DA	1200	1330	1.50	208.0m	Drilled 36" hole to 208m. Pumped 75 bbls of PHG every half stand
SH	P	CHC	1330	1430	1.00	208.0m	Took Anderdrift survey at TD = 1.5 deg Circulated 100 bbl PHG out of hole then spotted 230 bbls of PHG in hole
SH	P	TO	1430	1530	1.00	208.0m	Pulled out of hole with 36" BHA. No drag noted. Racked back BHA
SH	P	CRN	1530	2200	6.50	208.0m	Moved PGB under rotary table. Rigged up and ran 30" conductor through PGB Latched conductor into PGB and installed guidelines Ran in hole with conductor on landing string until 20" shoe at seabed
SH	TP (OTH)	RM	2200	2230	0.50	208.0m	20" shoe approx 2m forward of hole centre. ROV unable to push pipe into hole. Reposition rig so that casing shoe above hole centre
SH	P	CRN	2230	2300	0.50	208.0m	Ran in hole with 30" conductor and landed out conductor at 2.5m above seabed
SH	P	CMC	2300	2400	1.00	208.0m	Held JSA for cementing and rigged up cement line to string prior to cementing

Operations For Period 0000 Hrs to 0600 Hrs on 15 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SH	P	CMC	0000	0130	1.50	208.0m	Cemented 30" conductor in place
SH	P	WOC	0130	0600	4.50	208.0m	Wait on cement to harden Note - 0n 0-5 deg bulls eye - 0.75 deg to starboard; on 0-2 deg bulls eye - 0.5 deg to starboard

Phase Data to 2400hrs, 14 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	186.5	06 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
SURFACE HOLE(SH)	25	13 Aug 2005	14 Aug 2005	211.50	8.812	208.0m

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Anzon Australia LIMITED

WBM Data — Cost Today $ 15142

Mud Type:	Spud Mud	API FL:		Cl:		Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:		H2O:	
Time:	21:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	1.05ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10
				PF:		PHPA:	

Viscosity	150sec/qt
PV	22cp
YP	121lb/100ft²
Gels 10s	
Gels 10m	
Fann 003	113
Fann 006	118
Fann 100	124
Fann 200	131
Fann 300	143
Fann 600	165

Comment

Bit # 1

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	E	I	RR	TD

Bitwear Comments:

Size ("):	17.50in	IADC#		**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)	2.00klb	No.	Size	Progress		Cum. Progress	0.0m
Type:	Rock	RPM(avg)	100	3	20/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Serial No.:	6036882	F.Rate	1000gpm			IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Bit Model	MX-1	SPP	900psi			Total Revs		Cum Total Revs	0
Depth In	208.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth Out	208.0m	TFA							

Bit Comment

BHA # 1

Weight(Wet)		Length	201.5m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m			6036882	
Hole Opener	2.54m			71063	
Float Sub	0.92m				
Anderdrift	2.81m			ABD 928	
9.5in DC	27.33m				
X/O	1.17m			MSO 1726	
8in DC	26.68m				
X/O	1.17m			MSO 1724	
5in HWDP	138.43m				

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	47.9			104.5
Bentonite Bulk	MT	35.2			70.5
Diesel	m3	0	10.8		273.3
Fresh Water	m3	27.7	25		367.6
Drill Water	m3	1179.3	292.2		1,008.1
Cement G	MT	68			115.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National	6.50	8.70	0	100	900	500

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Pumps

Pump Data - Last 24 Hrs

								Slow Pump Data									
	12P160																
2	National 12P160	6.50	8.70	0	100	900	500										
3	Oilwell A1700PT	6.50		0													

Personnel On Board

Company	Pax
DOGC	46
DOGC	3
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	8
M-1 AUSTRALIA PTY LTD	2
WEATHERFORD AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	81

Marine

Weather on 14 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	310.0deg	1,010.0mbar	11C°	0.0m	0.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
252.0deg		4,665.32klb	1.0m	0.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	282.0
2	238.0
3	240.0
4	280.0
5	262.0
6	273.0
7	280.0
8	282.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Standby boat

Bulks

Item	Unit	Used	Quantity
Diesel	m3		264.1
Drill Water	m3		0
Fresh Water	m3		77
Barite Bulk	MT		0
Bentonite Bulk	MT		42
Cement G	MT		42

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby boat

Bulks

Item	Unit	Used	Quantity
Diesel	m3		565.7
Drill Water	m3		546
Fresh Water	m3		234
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		43

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Anzon Australia LIMITED

15 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 10
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	472.0m	Cur. Hole Size	17.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	472.0m	Last Casing OD	30.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	262.0m	Shoe TVDBRT	209.0m	Daily Cost	$345,291
Rig	OCEAN PATRIOT	Days from spud	1.50	Shoe MDBRT	209.0m	Cum Cost	$6,399,050
Wtr Dpth(LAT)	155.5m	Days on well	9.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(LAT)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drilling 17 1/2" hole at 684m
Planned Op	Drill 17 1/2" hole to section TD at 1000m Sweep hole clean and fill hole with PHG POOH to run 13 3/8" casing

Summary of Period 0000 to 2400 Hrs

Cemented 30" conductor in place
Waited on cement to harden
Pulled 30" running tool
Laid down 36" BHA
Picked up 17 1/2" BHA
Ran in hole, drilled out shoe
Drilled 17 1/2" hole to 472m

Operations For Period 0000 Hrs to 2400 Hrs on 15 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CH	P	CMC	0000	0130	1.50	208.0m	Cemented 30" conductor in place as per program. Pumped 50 bbls preflush with fluoresene dye added Mixed and pumped 173 bbls of 15.8 ppg cement slurry at 5 bpm Displaced cement with 35.5 bbls seawater. Fluoresene dye observed in returns at seabed
CH	P	WOC	0130	0730	6.00	208.0m	Wait on cement to harden Note - 0n 0-5 deg bulls eye - 0.75 deg to starboard; on 0-2 deg bulls eye - 0.5 deg to starboard
CH	P	CRN	0730	0830	1.00	208.0m	Released 30" running tool with 5 turns LH and pulled out of hole with tool No change to PGB bullseyes reading. SLM out of hole. No change to top of PGB measurement = 174.5m MSL
CH	P	CRN	0830	1030	2.00	208.0m	Torque up service breaks on Cameron 18 3/4" running tools. M/U one running tool to stand of 5" DP and rack back same M/U second running tool to 2m pup joint and lay down on deck
CH	P	HBHA	1030	1130	1.00	208.0m	Hold JSA and lay down BHA from 36" hole section
SH	P	HBHA	1130	1530	4.00	208.0m	Held JSA and picked up BHA for 17 1/2" hole section
SH	P	HBHA	1530	1630	1.00	208.0m	Stabbed into 30" wellhead with 17 1/2" bit and tested MWD - OK
SH	P	DFS	1630	1730	1.00	208.0m	Tagged top of cement at 206m. Drilled cement and shoe to 209m
SH	P	DA	1730	2400	6.50	472.0m	Drill 17 1/2" hole from 209 - 472m

Operations For Period 0000 Hrs to 0600 Hrs on 16 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SH	P	DA	0000	0600	6.00	996.0m	(IN PROGRESS) Drilled 17 1/2" hole from 472 - 996m. Pumped 30 bbls PHG every half stand. Spotted 50 bbls PHG around BHA at connections.

Phase Data to 2400hrs, 15 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	186.5	06 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
CONDUCTOR HOLE(CH)	36.5	13 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	12.5	15 Aug 2005	15 Aug 2005	235.50	9.812	472.0m

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Printed on 16 Aug 2005

Anzon Australia LIMITED

WBM Data

Cost Today $ 5260

Mud Type:	Spud Mud	API FL:		Cl:		Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:		H2O:	
Time:	1800	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	1.05ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10
				PF:		PHPA:	

Viscosity	150sec/qt
PV	22cp
YP	121lb/100ft²
Gels 10s	
Gels 10m	
Fann 003	113
Fann 006	118
Fann 100	124
Fann 200	131
Fann 300	143
Fann 600	165

Comment: Cumulative cost $ 20,401.82

Bit # 1

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	E	I	RR	TD

Bitwear Comments:

Size ("):	17.50in	IADC#		**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)	10.00klb	No.	Size	Progress	262.0m	Cum. Progress	262.0m
Type:	Rock	RPM(avg)	145	3	20/32nd"	On Bottom Hrs	5.2h	Cum. On Btm Hrs	5.2h
Serial No.:	6036882	F.Rate	1000gpm			IADC Drill Hrs	6.5h	Cum IADC Drill Hrs	6.5h
Bit Model	MX-1	SPP	2100psi			Total Revs		Cum Total Revs	0
Depth In	176.0m	HSI				ROP(avg)	50.38 m/hr	ROP(avg)	50.38 m/hr
Depth Out	1,006.0m	TFA							

Bit Comment: Ran with BHA 1 and BHA 2

BHA # 2

Weight(Wet)	50.00klb	Length	242.7m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m	17.50in		6036882	
Near Bit Stab	1.57m	17.50in		2931	
NMDC	3.00m	9.50in		SBD2367	
Stab	2.44m	17.50in		041262A	
MWD	9.88m	9.50in		29351	
Stab	1.99m	17.50in		5025	
9.5in DC	27.33m	9.50in			
X/O	1.17m	9.50in		MSO 1726	
8in DC	26.68m	8.00in			
Drilling Jars	10.11m	8.25in		111510	
8in DC	18.56m	8.00in			
X/O	1.17m	8.00in		MSO 1724	
5in HWDP	138.43m	5.00in			

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
367.98	0.1	117.0	367.98	-0.3	-0.3	0.2	0.0	MWD
396.82	0.1	163.1	396.82	-0.3	-0.3	0.3	0.3	MWD
425.64	0.0	150.9	425.64	-0.3	-0.3	0.3	0.3	MWD
454.27	0.1	138.6	454.27	-0.4	-0.4	0.3	0.3	MWD

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0			104.5
Bentonite Bulk	MT	34.4	38.94		65.9
Diesel	m3	200	21.4		451.9
Fresh Water	m3	12.5	9.7		370.4
Drill Water	m3	0	69.8		938.3
Cement G	MT	40.76	43.74		112.1

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 12P160	6.50	8.70	0	100	2100	500
2	National 12P160	6.50	8.70	0	100	2100	500
3	Oilwell A1700PT	6.50		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	208.00m / 208.00m	

Personnel On Board

Company	Pax
DOGC	46
DOGC	2
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	6
M-1 AUSTRALIA PTY LTD	2
WEATHERFORD AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	1
Total	77

Marine

Weather on 15 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	33kn	270.0deg	1,015.0mbar	14C°	1.5m	270.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
252.0deg		5,117.42klb	2.5m	270.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	302.0
2	251.0
3	234.0
4	258.0
5	251.0
6	269.0
7	291.0
8	293.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			On route to Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		264.1
Drill Water	m3		0
Fresh Water	m3		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0

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Pacific Sentinel			Standby boat	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		357.2
				Drill Water	m3		546
				Fresh Water	m3		230
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		43
				Brine	BBLS		1000

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1021 / 1034	0 / 4	

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DRILLING MORNING REPORT # 11

16 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	1,006.0m	Cur. Hole Size	17.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,006.0m	Last Casing OD	30.000in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	534.0m	Shoe TVDBRT	209.0m	Daily Cost	$333,757
Rig	OCEAN PATRIOT	Days from spud	2.50	Shoe MDBRT	209.0m	Cum Cost	$6,732,807
Wtr Dpth(MSL)	155.5m	Days on well	10.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Running in hole with 13 3/8" casing. Shoe and float joints in hole
Planned Op	Run 13 3/8" casing and cement in place

Summary of Period 0000 to 2400 Hrs

Drilled from 472 - 1006m MSL.
Swept hole with 150 bbls PHG
Spotted 1.5 times hole volume of PHG in hole
Pulled out of hole

Operations For Period 0000 Hrs to 2400 Hrs on 16 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SH	P	DA	0000	1900	19.00	996.0m	Drilled 17 1/2" hole from 472 - 996m. Pumped 30 bbls PHG every half stand. Spotted 50 bbls PHG around BHA at connections.
SH	TP (RE)	RR	1900	1930	0.50	996.0m	Circulated at 100 SPM with # 1 mud pump while repairing # 2 mud pump. Mud pump # 3 still not available
SH	P	DA	1930	2030	1.00	1,006.0m	Continued to drill 17 1/2" hole from 996 - 1006m Tide corrected MSL depth Pumped 30 bbl PHG every half stand Spotted 50 bbl PHG around BHA at connections
SC	P	CHC	2030	2130	1.00	1,006.0m	Pumped 150 bbls PHG and swept out of hole with seawater. Displaced hole with 925 bbls of 8.6 ppg PHG followed by 250 bbls of 9.5 ppg weighted gel kill mud.
SC	P	TO	2130	2400	2.50	1,006.0m	Pulled out of hole from 1006m MSL 30K overpull at 836 and 786m Wiped hole once with no further overpull

Operations For Period 0000 Hrs to 0600 Hrs on 17 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	P	TO	0000	0200	2.00	1,006.0m	Continued to POOH from section TD No more overpull encountered Jetted top of wellhead on way out of hole
SC	P	HBHA	0200	0300	1.00	1,006.0m	Laid down MWD, stabs, pony DC and bit
SC	P	HT	0300	0330	0.50	1,006.0m	Laid down 30" CART stand
SC	P	RRC	0330	0430	1.00	1,006.0m	Made up Dowell DeepSea Express cement head to stand of HWDP and racked back in derrick
SC	P	CRN	0430	0500	0.50	1,006.0m	Held JSA Rig up for and run 13 3/8" casing.
SC	P	CRN	0500	0600	1.00	1,006.0m	(IN PROGRESS) Picked up shoe track. Tested float and shoe. Run 13 3/8" csg.

Phase Data to 2400hrs, 16 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m

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Phase Data to 2400hrs, 16 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
SURFACE CASING(SC)	3.5	16 Aug 2005	16 Aug 2005	259.50	10.812	1,006.0m

WBM Data

Cost Today $ 15113

Mud Type:	Spud Mud	API FL:		Cl:		Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:		H2O:	
Time:	20:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	1.05ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10
				PF:		PHPA:	

Viscosity	150sec/qt
PV	22cp
YP	121lb/100ft²
Gels 10s	
Gels 10m	
Fann 003	113
Fann 006	118
Fann 100	124
Fann 200	131
Fann 300	143
Fann 600	165

Comment: Cumulative cost $ 35,514.51

Bit # 1

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	E	I	RR	TD

Bitwear Comments:

Size ("):	17.500in	IADC#		**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)	10.00klb	No.	Size	Progress	534.0m	Cum. Progress	796.0m
Type:	Rock	RPM(avg)	145	3	20/32nd"	On Bottom Hrs	15.7h	Cum. On Btm Hrs	20.9h
Serial No.:	6036882	F.Rate	1000gpm			IADC Drill Hrs	18.0h	Cum IADC Drill Hrs	24.5h
Bit Model	MX-1	SPP	2100psi			Total Revs	149000	Cum Total Revs	149000
Depth In	176.0m	HSI				ROP(avg)	34.01 m/hr	ROP(avg)	38.09 m/hr
Depth Out	1,006.0m	TFA							

Bit Comment: Ran with BHA 1 and BHA 2

BHA # 2

Weight(Wet)	50.00klb	Length	242.7m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String	210.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	210.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	210.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m	17.500in		6036882	
Near Bit Stab	1.57m	17.500in		2931	
NMDC	3.00m	9.500in		SBD2367	
Stab	2.44m	17.500in		041262A	
MWD	9.88m	9.500in		29351	
Stab	1.99m	17.500in		5025	
9.5in DC	27.33m	9.500in			
X/O	1.17m	9.500in		MSO 1726	
8in DC	26.68m	8.000in			
Drilling Jars	10.11m	8.250in		111510	
8in DC	18.56m	8.000in			
X/O	1.17m	8.000in		MSO 1724	
5in HWDP	138.43m	5.000in			

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
885.23	0.0	253.4	885.23	-0.4	-0.4	0.8	0.4	MWD
913.66	0.1	324.6	913.66	-0.3	-0.3	0.8	0.4	MWD
970.77	0.0	321.6	970.77	-0.3	-0.3	0.8	0.2	MWD

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Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
990.30	0.1	275.8	990.30	-0.3	-0.3	0.8	0.5	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	10.59		94.0
Bentonite Bulk	MT	0	41.48		24.4
Diesel	m3	0	14.1		437.8
Fresh Water	m3	31.6	26.3		375.7
Drill Water	m3	374	452.2		860.1
Cement G	MT	45.85	0		158.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 12P160	6.500	8.70	0	100	2600	500
2	National 12P160	6.500	8.70	0	100	2600	500
3	Oilwell A1700PT	6.500		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	

Personnel On Board

Company	Pax
DOGC	46
DOGC	3
UPSTREAM PETROLEUM	4
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	2
FUGRO SURVEY LTD	6
M-1 AUSTRALIA PTY LTD	2
WEATHERFORD AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	1
Total	79

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
SIMOPS	16 Aug 2005	0 Days	Emergency Response Exercise	Emergency Response Exercise "Manta", 14:00 - 17:30 hrs Scenario: Helicopter Crash Landing on rig helideck; combat fire, activate shorebased DIMT; arrange Medivac of seriously injured/burnt personnel, advise relevant Authorities

Marine

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Weather on 16 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	270.0deg	1,026.0mbar	14C°	1.5m	270.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
252.0deg		5,090.36klb	2.5m	270.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	291.0
2	240.0
3	236.0
4	262.0
5	260.0
6	273.0
7	291.0
8	291.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			In Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		264.1
Drill Water	m3		0
Fresh Water	m3		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby boat

Bulks

Item	Unit	Used	Quantity
Diesel	m3		347.1
Drill Water	m3		184
Fresh Water	m3		227
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1027 / 1040	9 / 7	

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DRILLING MORNING REPORT # 12

17 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	1,006.0m	Cur. Hole Size	17.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,006.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$632,859
Rig	OCEAN PATRIOT	Days from spud	3.50	Shoe MDBRT	1,000.1m	Cum Cost	$7,365,666
Wtr Dpth(MSL)	155.5m	Days on well	11.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600: Running BOP'S.
Pacific Sentinal repaired port engine.

Planned Op:

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 17 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SC	P	TO	0000	0200	2.00	1,006.0m	Continued to POOH from section TD No more overpull encountered Jetted top of wellhead on way out of hole
SC	P	HBHA	0200	0300	1.00	1,006.0m	Laid down MWD, stabs, pony DC and bit
SC	P	HT	0300	0330	0.50	1,006.0m	Laid down 30" CART stand
SC	P	RRC	0330	0430	1.00	1,006.0m	Made up Dowell DeepSea Express cement head to stand of HWDP and racked back in derrick
SC	P	CRN	0430	0500	0.50	1,006.0m	Held JSA Rig up for and run 13 3/8" casing.
SC	P	CRN	0500	1200	7.00	1,006.0m	Picked up shoe track. Tested float and shoe. Run 13 3/8" csg.
SC	P	CRN	1200	1300	1.00	1,006.0m	Made up Deep Sea Express head
SC	P	CRN	1300	1400	1.00	1,006.0m	Ran in with landing string and landed out 18 3/4" Wellhead housing into 30" housing. Confirmed locked in with 60k overpull.
SC	P	CMC	1400	1500	1.00	1,006.0m	Hold JSA with cementer and crew. Rigged up and tested cement line with 3500 psi.
SC	P	CIC	1500	1600	1.00	1,006.0m	Circulated casing capacity at 95 SPM and 400 psi.
SC	P	CMC	1600	1800	2.00	1,006.0m	Mixed and pump cement as per program. Lead @ 12.5 ppg total slurry 348 bbls. Tail @ 15.8 ppg total slurry 175 bbls. Good returns noted at sea bed with ROV while cementing.
SC	P	CMC	1800	1900	1.00	1,006.0m	Displaced cement with rig pump and bumped plug with 3248 stks and 1400 psi. Hold for 10 minutes , good test (500 psi over final circulating pressure) Check float holding. Good returns of cement noted at sea bed with ROV while displacing cement.
SC	P	CMC	1900	1930	0.50	1,006.0m	Rigged down cement lines.
SC	P	TO	1930	2030	1.00	1,006.0m	Released wellhead running tool and POOH same.
SC	P	TO	2030	2100	0.50	1,006.0m	Service break and lay down Deepsea Express.
BOP	P	BOP	2100	2130	0.50	1,006.0m	Hold JSA and rigged up to run BOP'S
BOP	P	BOP	2130	2400	2.50	1,006.0m	Made up double of riser and prepare to make up stack.

Operations For Period 0000 Hrs to 0600 Hrs on 18 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	BOP	0000	0600	6.00	1,006.0m	(IN PROGRESS) Continue to run BOP'S on marine riser. Test choke and kill lines each 4 joints, 250psi / 5000psi

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Phase Data to 2400hrs, 17 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	3	17 Aug 2005	17 Aug 2005	283.50	11.812	1,006.0m

WBM Data

Cost Today $ 385

Mud Type:	Spud Mud	API FL:		Cl:		Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:		H2O:	
Time:	20:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	1.05ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10
				PF:		PHPA:	

Viscosity	150sec/qt
PV	22cp
YP	121lb/100ft²
Gels 10s	
Gels 10m	
Fann 003	113
Fann 006	118
Fann 100	124
Fann 200	131
Fann 300	143
Fann 600	165

Comment: Cumulative cost $ 35,899.63

Bit # 1

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	E	I	RR	TD

Bitwear Comments:

Size ("):	17.500in	IADC#		**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)	10.00klb	No.	Size	Progress	0.0m	Cum. Progress	796.0m
Type:	Rock	RPM(avg)	145	3	20/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	20.9h
Serial No.:	6036882	F.Rate	1,832.08bpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	24.5h
Bit Model	MX-1	SPP	2100psi			Total Revs	149000	Cum Total Revs	298000
Depth In	176.0m	HSI				ROP(avg)	N/A	ROP(avg)	38.09 m/hr
Depth Out	1,006.0m	TFA							

Bit Comment: Ran with BHA 1 and BHA 2

BHA # 2

Weight(Wet)	50.00klb	Length	242.7m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String	210.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	210.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	210.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m	17.500in		6036882	
Near Bit Stab	1.57m	17.500in		2931	
NMDC	3.00m	9.500in		SBD2367	
Stab	2.44m	17.500in		041262A	
MWD	9.88m	9.500in		29351	
Stab	1.99m	17.500in		5025	
9.5in DC	27.33m	9.500in			
X/O	1.17m	9.500in		MSO 1726	
8in DC	26.68m	8.000in			
Drilling Jars	10.11m	8.250in		111510	
8in DC	18.56m	8.000in			
X/O	1.17m	8.000in		MSO 1724	
5in HWDP	138.43m	5.000in			

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		94.0
Bentonite Bulk	MT	0	0		24.4
Diesel	m3	200	15.4		622.4
Fresh Water	m3	27	31.9		370.8
Drill Water	m3	0	96.3		763.8
Cement G	MT	0	80.53		77.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.500	8.70	0	100	2600	916.04
2	National 12P160	6.500	8.70	0	100	2600	916.04
3	Oilwell A1700PT	6.500		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax
DOGC	43
DOGC	6
UPSTREAM PETROLEUM	3
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	6
FUGRO SURVEY LTD	6
M-1 AUSTRALIA PTY LTD	2
WEATHERFORD AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7
Total	88

Marine

Weather on 17 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	337.0deg	1,022.0mbar	16C°	1.0m	225.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
252.0deg		4,495.00klb	2.5m	270.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	291.0
2	240.0
3	236.0
4	262.0
5	260.0
6	273.0
7	291.0
8	291.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En-route Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		264.1
Drill Water	m3		0
Fresh Water	m3		0
Barite Bulk	MT		0

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Printed on 23 Aug 2005

				Item	Unit	Used	Quantity
				Bentonite Bulk	MT		0
				Cement G	MT		0
Pacific Sentinel			Standby boat	Item	Unit	Used	Quantity
				Diesel	m3		134.6
				Drill Water	m3		184
				Fresh Water	m3		223
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		0
Lost control of port engine due to pitch control problem on screw. Trouble shooting same.							

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1110 / 1125	12 / 3	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 13

18 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	1,006.0m	Cur. Hole Size	17.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,006.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$394,223
Rig	OCEAN PATRIOT	Days from spud	4.50	Shoe MDBRT	1,000.1m	Cum Cost	$7,759,889
Wtr Dpth(MSL)	155.5m	Days on well	12.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600

Planned Op

Summary of Period 0000 to 2400 Hrs

Operations For Period 0000 Hrs to 2400 Hrs on 18 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	BOP	0000	1330	13.50	1,006.0m	Continue to run BOP'S on marine riser. Test choke and kill lines each 4 joints, 250psi / 5000psi
BOP	P	BOP	1330	1500	1.50	1,006.0m	Made up slip joint and landing joint.
BOP	P	BOP	1500	1800	3.00	1,006.0m	Made up choke and kill lines and booster lines to slip joint, via goosenecks.
BOP	P	BOP	1800	1830	0.50	1,006.0m	Latch tensioner landing ring to slip joint.
BOP	TU (RE)	BOP	1830	1930	1.00	1,006.0m	Troubleshoot tensioner landing ring (SDL ring). 1 x hydraulic Locking Dog failed to operate, freed up same.
BOP	P	BOP	1930	2200	2.50	1,006.0m	Pressure up on tensioners. Attached storm saddles, to Pod wireline for Pod hoses. Position rig back over location.
BOP	P	BOP	2200	2400	2.00	1,006.0m	Land and latch BOP, took 50 kips overpull on both Pods. Secured Pod hoses in storm saddles. Secured compensator line to slip joint for wireline. NOTE # BULLSEYE READINGS. Prior landing , BOP 3/4 stb fwd, riser 1/4 stb. After landing , BOP 3/4 stb, riser 1/2 stb

Operations For Period 0000 Hrs to 0600 Hrs on 19 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	BOP	0000	0130	1.50	1,006.0m	Release landing joint and stroke out slip joint.
BOP	P	BOP	0130	0230	1.00	1,006.0m	Pick up and install divertor.
BOP	P	BOP	0230	0300	0.50	1,006.0m	Rig down riser running equipment.
BOP	P	BOP	0300	0430	1.50	1,006.0m	Made up CART tool and ran in hole and seated same.
BOP	P	BOP	0430	0530	1.00	1,006.0m	Perform connection test,250psi/5000psi. Pressure tested on both Pods.
BOP	TU (BORC)	BOP	0530	0600	0.50	1,006.0m	(IN PROGRESS) Unseat CART tool and attempt to pull out same. Hanging up on middle pipe rams, function rams and work through. Pull out and laid down same.

Phase Data to 2400hrs, 18 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	27	17 Aug 2005	18 Aug 2005	307.50	12.812	1,006.0m

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Printed on 20 Sep 2005

Anzon Australia LIMITED

WBM Data

Cost Today $ 64952

Mud Type:	KCl/PHPA/Glycol	API FL:	17.0cc/30min	Cl:	43000mg/l	Solids(%vol):	7%	Viscosity	62sec/qt
Sample-From:	Pit 3	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	93%	PV	7cp
Time:	08:10	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	0%	YP	11lb/100ft²
Weight:	1.05ppg	HTHP-cake:		MBT:	0	Sand:	0	Gels 10s	3
Temp:				PM:		pH:	10	Gels 10m	3
				PF:	0.1	PHPA:	0ppb	Fann 003	2
								Fann 006	3
								Fann 100	10
								Fann 200	14
								Fann 300	18
								Fann 600	25

Comment: Cumulative cost $ 100,851.51

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		150.6
Bentonite Bulk	MT	0	0		59.7
Diesel	m3	0	24.2		598.2
Fresh Water	m3	25	27.8		722.5
Drill Water	m3	267	62.4		1,143.0
Cement G	MT	53.22	0		177.8

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000		97			
2	National 12P160	6.000		97			
3	Oilwell A1700PT	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
3 7/8"					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
DOGC	6	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	6	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7	Wireline Personnel
Total	90	

Marine

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Anzon Australia LIMITED

Weather on 18 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	12kn	45.0deg	1,019.0mbar	19C°	0.2m	45.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,196.00klb	0.5m	90.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	291.0
2	240.0
3	236.0
4	262.0
5	260.0
6	273.0
7	291.0
8	291.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		705
Drill Water	m3		348
Fresh Water	m3		184
Barite Bulk	MT		0
Bentonite Bulk	MT		43.2
Cement G	MT		0
Brine	BBLS		1000

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			En-route Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		131.2
Drill Water	m3		0
Fresh Water	m3		223
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Corrected pitch control problems and function tested same.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1104 / 1117	13 / 11	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 14

19 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	1,006.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,006.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$338,507
Rig	OCEAN PATRIOT	Days from spud	5.50	Shoe MDBRT	1,000.1m	Cum Cost	$8,098,396
Wtr Dpth(MSL)	155.5m	Days on well	13.81	FIT/LOT:	0.00ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drilling out shoetrack while displacing to KCl PHPA Glycol Mud
Planned Op	Drill out shoe track. Drill 3m 12 1/4" hole, conduct L.O.T.. Drill ahead 12 1/4" hole

Summary of Period 0000 to 2400 Hrs

Attempted to run velocity survey. Engine of wireline unit failed at 40m. Pulled out of hole and rigged down wireline. Began to pick up BHA and make up drillpipe.

Operations For Period 0000 Hrs to 2400 Hrs on 19 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	BOP	0000	0130	1.50	1,006.0m	Release landing joint and stroke out slip joint.
BOP	P	BOP	0130	0230	1.00	1,006.0m	Pick up and install divertor.
BOP	P	BOP	0230	0300	0.50	1,006.0m	Rig down riser running equipment.
BOP	P	BOP	0300	0430	1.50	1,006.0m	Made up CART tool and ran in hole and seated same.
BOP	P	BOP	0430	0530	1.00	1,006.0m	Perform connection test,250psi/5000psi. Pressure tested on both Pods.
BOP	TU (BORC)	BOP	0530	0800	2.50	1,006.0m	Unseat CART tool and attempt to pull out same. Hanging up on middle pipe rams, function rams and work through. Pull out and laid down same.
E1	P	RP	0800	1030	2.50	1,006.0m	Hold JSA and rigged up wireline. Made up and ran Log #1, Velocity survey
E1	TU (OTH)	RP	1030	1200	1.50	1,006.0m	Pulled out Velocity survey tools and laid down same. Rigged down wireline, due to Unit failure. Unit main engine problem.
IH	P	PLD	1200	1300	1.00	1,006.0m	Hold JSA and laid down 9" DC
IH	P	HBHA	1300	1500	2.00	1,006.0m	Make up 12 1/4" Directional BHA, DHM set at 1.15 degrees.
IH	P	HT	1500	1600	1.00	1,006.0m	Upload MWD
IH	P	HBHA	1600	1800	2.00	1,006.0m	Cont make-up 12 1/4" BHA to 200m
IH	P	PUP	1800	2000	2.00	1,006.0m	Hold JSA and pick up 5" drill pipe, cont run in from 200m to 344m. Total 144m of pipe picked up.
IH	P	TO	2000	2130	1.50	1,006.0m	Pull out from 344m to 200m and rack pipe in derrick.
IH	P	HT	2130	2230	1.00	1,006.0m	Picked up and racked back Cameron storm hang off tool.
IH	P	PUP	2230	2400	1.50	1,006.0m	Pick up 5" drill pipe from 200m to 344m. (shallow test MWD at 260m) Total 144m pipe picked up.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	SM	0000	0100	1.00	1,006.0m	Simulate well kick and perform choke drill. Record CLFL. Simulate bringing pumps on line and shutting pumps down during kill.
IH	P	PUP	0100	0330	2.50	1,066.0m	Continue to pick up 5" drill pipe from 344m to 889m.
IH	P	TI	0330	0400	0.50	1,006.0m	Run in hole from 889m to TOC at 982m
IH	P	DFS	0400	0600	2.00	1,006.0m	(IN PROGRESS) Drill cement and plugs and float equipment. Start to displace to 8.74ppg mud while drilling shoe track.

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Printed on 25 Aug 2005

Anzon Australia LIMITED

Phase Data to 2400hrs, 19 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	12	19 Aug 2005	19 Aug 2005	331.50	13.812	1,006.0m

WBM Data

Cost Today $ 2017

Mud Type:	PHPA	API FL:	16.0cc/30min	Cl:	43000mg/l	Solids(%vol):	7%
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	93%
Time:	11:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.74ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	9.5
				PF:	0.1	PHPA:	0ppb

Viscosity	55sec/qt
PV	14cp
YP	20lb/100ft²
Gels 10s	1
Gels 10m	1
Fann 003	5
Fann 006	7
Fann 100	20
Fann 200	27
Fann 300	34
Fann 600	48

Comment: Cumulative cost $ 102,868.70

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	12.250in	IADC#	M433	No.	Size	Progress		Cum. Progress	0.0m
Mfr:	Not Found	WOB(avg)		3	18/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Type:	PDC	RPM(avg)		3	16/32nd"	IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Serial No.:	10752375	F.Rate				Total Revs		Cum Total Revs	0
Bit Model	FM3653Z	SPP				ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth In	1,006.0m	HSI							
Depth Out		TFA	1.334						

Bit Comment: Bit left in hole when back off BHA.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)		D.C. (1) Ann Velocity	
Wt Below Jar(Wet)	25.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	
		Slack-Off				D.P. Ann Velocity	

BHA Run Description: BHA stuck in BOP

BHA Run Comment: Backed off BHA, recovered HWDP

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	

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Equipment	Length	OD	ID	Serial #	Comment
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		94.0
Bentonite Bulk	MT	0	0		24.4
Diesel	m3	0	24.6		573.6
Fresh Water	m3	28	36		360.0
Drill Water	m3	0	18.1		950.3
Cement G	MT	0	0		130.7

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	National 12P160	6.000		0													
2	National 12P160	6.000		0													
3	Oilwell A1700PT	6.000		0													

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
DOGC	7	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
CAMERON AUSTRALIA PTY LTD	1	Wellheads
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7	Wireline Personnel
Total	89	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA	19 Aug 2005	0 Days	2 x Handling tubulars, 1 x Wireline operation	
START Card	19 Aug 2005	0 Days	3 X Safe actions , 3 x Unsafe actions	

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Shakers, Volumes and Losses Data

Available	**6,019.6bbl**	**Losses**	**0.0bbl**
Active	4,564.6bbl	Downhole	
Hole		Shakers & Equip.	0.0bbl
Slug		Dumped	
Reserve	1,455.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X110	
Shaker 2	VSM	3X84,1X110	
Shaker 3	VSM	4X84	
Shaker 4	VSM	3X120,1X110	

Marine

Weather on 19 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	281.0deg	1,009.0mbar	17C°	0.5m	281.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,548.00klb	0.5m	281.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	254.0
3	214.0
4	243.0
5	284.0
6	262.0
7	276.0
8	2950.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Item	Unit	Used	Quantity
Diesel	m3		696
Drill Water	m3		348
Fresh Water	m3		179
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			En-route Ocean Patriot

Item	Unit	Used	Quantity
Diesel	m3		0
Drill Water	m3		0
Fresh Water	m3		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1016 / 1026	10 / 11	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 15
BASKER - 2

20 Aug 2005

From: WJ Westman
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	1,539.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,539.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	533.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$415,840
Rig	OCEAN PATRIOT	Days from spud	6.50	Shoe MDBRT	1,000.1m	Cum Cost	$8,514,236
Wtr Dpth(MSL)	155.5m	Days on well	14.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Pulling partially out of the hole to make up new drillpipe.
Planned Op	Drill ahead to 1689m, pull partially out of the hole and pick up drillpipe.

Summary of Period 0000 to 2400 Hrs

Drilled ahead in Mars and interbedded Calcarenites of the Gippsland Limestone Formation. Backgroung gas averaging C1 1000ppg, C2 15ppm, C3 10ppm, no noticeable gas peaks. Average ROP 40m/hr.

Operations For Period 0000 Hrs to 2400 Hrs on 20 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	SM	0000	0100	1.00	1,006.0m	Simulate well kick and perform choke drill. Record CLFL. Simulate bringing pumps on line and shutting pumps down during kill.
IH	P	PUP	0100	0330	2.50	1,066.0m	Continue to pick up 5" drill pipe from 344m to 889m.
IH	P	TI	0330	0400	0.50	1,006.0m	Run in hole from 889m to TOC at 982m
IH	P	DFS	0400	0630	2.50	1,006.0m	Drill cement and plugs and float equipment. Start to displace to 8.74ppg mud while drilling shoe track.
IH	P	DM	0630	0700	0.50	1,066.0m	Drill 12¼" hole f/ 1005m to 1008m. Circulate clean.
IH	P	LOT	0700	0730	0.50	1,066.0m	POOH f/ 1008m to csg shoe @1000m. LOT w/ 8.5 ppg. 622psi equivalent to 12.5ppg.
IH	P	CMD	0730	0800	0.50	1,066.0m	SCRs @ 1000m #2 pump 30spm 150psi. 40 spm 190psi, 50 spm 210 psi. #3 pump 30spm 140psi, 40spm 170psi, 50 spm 200psi.
IH	P	DM	0800	2400	16.00	1,539.0m	Drill 12¼" hole f/ 1008m to 1539m.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0500	5.00	1,689.0m	Cont drill 12 1/4" hole to 1689m
IH	P	CHC	0500	0600	1.00	1,689.0m	(IN PROGRESS) Circulate hole clean, flow check and slug pipe.

Phase Data to 2400hrs, 20 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	36	19 Aug 2005	20 Aug 2005	355.50	14.812	1,539.0m

General Comments

00:00 TO 24:00 Hrs ON 20 Aug 2005

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Printed on 23 Aug 2005

Anzon Australia LIMITED

WBM Data — Cost Today $ 42227

Mud Type:	PHPA	API FL:	7.2cc/30min	Cl:	44000mg/l	Solids(%vol):	8%	Viscosity	51sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	92%	PV	10cp
Time:	22:30	HTHP-FL:		Hard/Ca:	480mg/l	Oil(%):		YP	19lb/100ft²
Weight:	9.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	4
Temp:	32C°			PM:		pH:	8.2	Gels 10m	6
				PF:	0.4	PHPA:	1ppb	Fann 003	5
								Fann 006	8
								Fann 100	20
								Fann 200	24
								Fann 300	29
								Fann 600	39

Comment: Cumulative cost $ 145,095.57

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	M433	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)		No.	Size	Progress	533.0m	Cum. Progress	533.0m
Type:	PDC	RPM(avg)		3	18/32nd"	On Bottom Hrs	13.5h	Cum. On Btm Hrs	13.5h
Serial No.:	10752375	F.Rate	21.42bpm	3	16/32nd"	IADC Drill Hrs	18.2h	Cum IADC Drill Hrs	18.2h
Bit Model	FM3653Z	SPP	2500psi			Total Revs	187	Cum Total Revs	187
Depth In	1,006.0m	HSI				ROP(avg)	39.48 m/hr	ROP(avg)	39.48 m/hr
Depth Out		TFA	1.334						

Bit Comment: Drill w/ 20klbs MSE OK.
30 klbs stalling and high vibe.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	214.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	220,000.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	230,000.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		94.0
Bentonite Bulk	MT	35.37	0		59.8
Diesel	m3	0	16.2		557.4
Fresh Water	m3	0	31.8		328.2
Drill Water	m3	0	116.7		833.6
Cement G	MT	0	5.49		125.2
Cement HT (Silica)	MT	49.17			49.2

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Printed on 23 Aug 2005

Anzon Australia LIMITED

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000		0			
2	National 12P160	6.000		0			
3	Oilwell A1700PT	6.000		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax
DOGC	44
DOGC	7
UPSTREAM PETROLEUM	5
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	6
FUGRO SURVEY LTD	3
M-1 AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4
CAMERON AUSTRALIA PTY LTD	1
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	84

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=2, Deck=8, Welders=3	
START Card		0 Days	3=DODI,1=ANZON,1=3rd Party	

Shakers, Volumes and Losses Data

Available	**2,457.0bbl**	**Losses**	**783.0bbl**
Active	519.0bbl	Downhole	55.0bbl
Hole	811.0bbl	Shakers & Equip.	434.0bbl
Slug		Dumped	294.0bbl
Reserve	565.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X110	18
Shaker 2	VSM	3X84,1X110	18
Shaker 3	VSM	4X84	18
Shaker 4	VSM	3X120,1X110	18

Marine

Weather on 20 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	248.0deg	1,010.0mbar	16C°	1.0m	248.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,548.00klb	2.0m	225.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	271.0
2	258.0
3	209.0
4	236.0
5	278.0
6	262.0
7	280.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed	Status	Bulks

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Anzon Australia LIMITED

(Date/Time)							
Pacific Wrangler			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		685
				Drill Water	m3		348
				Fresh Water	m3		174
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		0
Pacific Sentinel			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		493.5
				Drill Water	m3		360
				Fresh Water	m3		246
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		1000

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Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1018 / 1030	1 / 6	

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Anzon Australia LIMITED

21 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 16
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	1,893.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	1,893.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	887.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$321,947
Rig	OCEAN PATRIOT	Days from spud	7.50	Shoe MDBRT	1,000.1m	Cum Cost	$8,836,183
Wtr Dpth(MSL)	155.5m	Days on well	15.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drill ahead in the Lakes Entrance, rotating and sliding as required
Planned Op	Drill ahead 12 1/4" hole through Lakes Entrance and Latrobe Formation.

Summary of Period 0000 to 2400 Hrs

Drill ahead in the Gippsland Limestone and into the Lakes Entrance Formation.
Lakes Entrance at 1755m MD 1733.5m SS.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0500	5.00	1,689.0m	Cont drill 12 1/4" hole to 1689m
IH	P	CHC	0500	0630	1.50	1,689.0m	Circulate hole clean, flow check and slug pipe.
IH	P	TO	0630	0830	2.00	1,689.0m	Pulled out of hole from 1690m to 716m.
IH	P	PUP	0830	1000	1.50	1,689.0m	Pick up drill pipe from 716m to 1004m.
IH	P	TO	1000	1030	0.50	1,689.0m	Pulled out of hole from 1004m to 716m.
IH	P	PUP	1030	1200	1.50	1,689.0m	Pick up drill pipe from 716m to 1004m.
IH	P	TO	1200	1230	0.50	1,689.0m	Pulled out of hole from 1004m to 716m.
IH	P	PUP	1230	1430	2.00	1,689.0m	Pick up drill pipe from 716m to 1090m.
IH	P	TI	1430	1600	1.50	1,689.0m	Run in hole with pipe from derrick from 1090m to 1689m. No fill recorded.
IH	P	DA	1600	1930	3.50	1,783.0m	Drill 12 1/4" hole from 1689m to 1783m.
IH	P	DM	1930	2030	1.00	1,789.0m	Slide from 1783m to 1789m.
IH	P	DA	2030	2400	3.50	1,893.0m	Drill 12 1/4" hole from 1789m to 1893m.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0600	6.00	2,438.0m	(IN PROGRESS) Drill 12 1/4" hole from 1893m to 2438m. Slide from 1928m to 1938m.(1hr) Slide from 1956m to 1959m. (.5hr) Slide from 1985m to 1989m (.5hr) Flow check @ 2166m

Phase Data to 2400hrs, 21 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	60	19 Aug 2005	21 Aug 2005	379.50	15.812	1,893.0m

General Comments

00:00 TO 24:00 Hrs ON 21 Aug 2005

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Printed on 23 Aug 2005

Anzon Australia LIMITED

WBM Data

Cost Today $ 23396

Mud Type:	PHPA	API FL:	5.4cc/30min	Cl:	43000mg/l	Solids(%vol):	10%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	90%	PV	13cp
Time:	21.30	HTHP-FL:		Hard/Ca:	520mg/l	Oil(%):		YP	13lb/100ft²
Weight:	10.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	8
Temp:	40C°			PM:		pH:	8.9	Gels 10m	12
				PF:	0.05	PHPA:	1ppb	Fann 003	6
								Fann 006	9
								Fann 100	25
								Fann 200	32
								Fann 300	39
								Fann 600	52

Comment: Cumulative cost $ 168,491.09

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	M433	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Not Found	WOB(avg)		No.	Size	Progress	887.0m	Cum. Progress	1,420.0m
Type:	PDC	RPM(avg)		3	18/32nd"	On Bottom Hrs	21.9h	Cum. On Btm Hrs	35.4h
Serial No.:	10752375	F.Rate	22.00bpm	3	16/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	18.2h
Bit Model	FM3653Z	SPP	3000psi			Total Revs	187	Cum Total Revs	374
Depth In	1,006.0m	HSI				ROP(avg)	40.50 m/hr	ROP(avg)	40.11 m/hr
Depth Out		TFA	1.334						

Bit Comment: Drill w/ 20klbs MSE OK.
30 klbs stalling and high vibe.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	214.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	240,000.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	250,000.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		94.0
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	19.5		537.9
Fresh Water	m3	29	24.9		332.3
Drill Water	m3	247	64.1		1,016.5
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

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Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000		0			
2	National 12P160	6.000		0			
3	Oilwell A1700PT	6.000		0			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax
DOGC	44
DOGC	7
UPSTREAM PETROLEUM	5
ESS	8
DOWELL SCHLUMBERGER	2
GEOSERVICES OVERSEAS S.A.	6
FUGRO SURVEY LTD	3
M-1 AUSTRALIA PTY LTD	2
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2
Total	83

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=7, Deck=8, Welders=3	
STOP Card		0 Days	1 x positive, 3 x corrective	

Shakers, Volumes and Losses Data

Available	**2,454.0bbl**	**Losses**	**199.0bbl**
Active	502.0bbl	Downhole	36.0bbl
Hole	986.0bbl	Shakers & Equip.	163.0bbl
Slug		Dumped	
Reserve	506.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X110	13
Shaker 2	VSM	3X84,1X110	13
Shaker 3	VSM	4X84	13
Shaker 4	VSM	3X120,1X110	13

Marine

Weather on 21 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	300.0deg	1,009.0mbar	18C°	1.5m	300.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,538.00klb	2.0m	225.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	271.0
2	258.0
3	209.0
4	236.0
5	278.0
6	262.0
7	280.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

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Printed on 23 Aug 2005

Pacific Wrangler			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		674
				Drill Water	m3		56
				Fresh Water	m3		169
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		0
Pacific Sentinel			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		484
				Drill Water	m3		360
				Fresh Water	m3		241
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		1000

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Anzon Australia LIMITED

22 Aug 2005

From: WJ Westman
To: J. Ah-Cann

DRILLING MORNING REPORT # 17
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,438.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,436.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	545.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$413,169
Rig	OCEAN PATRIOT	Days from spud	8.50	Shoe MDBRT	1,000.1m	Cum Cost	$9,249,352
Wtr Dpth(MSL)	155.5m	Days on well	16.81	FIT/LOT:	0.00ppg / 14.17ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	POH for Rollercone TCI bit
Planned Op	Round trip and and directionally drill 12 1/4" hole

Summary of Period 0000 to 2400 Hrs

Rotary/slide drilling 12-1/4" hole 1893 - 2438m

Operations For Period 0000 Hrs to 2400 Hrs on 22 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	2400	24.00	2,438.0m	Drill 12 1/4" hole from 1893m to 2438m. Slide from 1928m to 1938m.(1hr) Slide from 1956m to 1959m. (.5hr) Slide from 1985m to 1989m (.5hr) Flow check @ 2166m

Operations For Period 0000 Hrs to 0600 Hrs on 23 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0500	5.00	2,497.0m	Drill 12 1/4" hole from 2438m to 2497m Slide from 2465m to 2476m (1 hr) Slide from 2482m to 2497m (2 hr) Unable to set tool face, pipe stacking, 100psi DHM Diff on last slide. (Last survey @ 2472m, inc 2.07, az 337.28)
IH	U	TO	0500	0600	1.00	2,497.0m	(IN PROGRESS) Flow check and pull out of hole from 2497m to 200m

Phase Data to 2400hrs, 22 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	84	19 Aug 2005	22 Aug 2005	403.50	16.812	2,438.0m

WBM Data

Cost Today $ 25990

Mud Type:	PHPA	API FL:	4.4cc/30min	Cl:	41000mg/l	Solids(%vol):	10%	Viscosity	55sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	90%	PV	15cp
Time:	22.45	HTHP-FL:		Hard/Ca:	720mg/l	Oil(%):		YP	31lb/100ft²
Weight:	10.07ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	8
Temp:	40C°			PM:		pH:	8.4	Gels 10m	12
				PF:	0.1	PHPA:	1ppb	Fann 003	8
								Fann 006	11
								Fann 100	29
								Fann 200	38
								Fann 300	46
								Fann 600	61

Comment: Cumulative cost $ 194480.80

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Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	M433	**Nozzles**		**Drilled over last 24 hrs**	**Calculated over Bit Run**
Mfr:	Not Found	WOB(avg)		No.	Size	Progress 545.0m	Cum. Progress 1,432.0m
Type:	PDC	RPM(avg)		3	18/32nd"	On Bottom Hrs 17.2h	Cum. On Btm Hrs 39.1h
Serial No.:	10752375	F.Rate		3	16/32nd"	IADC Drill Hrs 0.0h	Cum IADC Drill Hrs 18.2h
Bit Model	FM3653Z	SPP				Total Revs 228	Cum Total Revs 720
Depth In	1,006.0m	HSI				ROP(avg) 31.69 m/hr	ROP(avg) 36.62 m/hr
Depth Out		TFA	1.334				

Bit Comment: Bit left in hole when back off BHA.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	207.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	280,000.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	290,000.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: BHA stuck in BOP

BHA Run Comment: Backed off BHA, recovered HWDP

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	40.02		110.6
Bentonite Bulk	MT	0	0		95.1
Diesel	m3	0	13		524.9
Fresh Water	m3	29	27		688.8
Drill Water	m3	0	138		1,053.1
Cement G	MT	0	0		172.3
Cement HT (Silica)	MT	0			49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000	10.00	97	100	3400	10.00
2	National 12P160	6.000		0			
3	Oilwell A1700PT	6.000	10.00	97	107	3400	10.80

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
2094.0	30	300	3.00				30	310	3.00
2407.0	30	260	3.00				30	275	3.00

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Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
3 7/8"					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
DOGC	7	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2	Wireline Personnel
Total	83	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=1, Deck=16, Welders=2	Main JSA, Housekeeping. Man handling. Forklift. Decklifts.
STOP Card		0 Days	2x corrective	

Shakers, Volumes and Losses Data

Available	**2,517bbl**	**Losses**	**290bbl**
Active	557bbl	Surface	50bbl
Hole	1,235bbl	Equipment	195bbl
Reserve	415bbl	Dumped	45bbl
Mixing	310bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM	4X180
Shaker2	VSM	4x165
Shaker3	VSM	4x165
Shaker4	VSM	2x180, 2x16

Marine

Weather on 22 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	250.0deg	1,020.0mbar	15C°	1.0m	250.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,486.00klb	4.0m	225.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	278.0
2	267.0
3	205.0
4	231.0
5	273.0
6	265.0
7	320.0
8	328.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

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Pacific Sentinel			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	m3		473
				Drill Water	m3		360
				Fresh Water	m3		238
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Cement G	MT		0
				Brine	BBLS		1000
.							

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DRILLING MORNING REPORT # 18

23 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	59.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$318,685
Rig	OCEAN PATRIOT	Days from spud	9.50	Shoe MDBRT	1,000.1m	Cum Cost	$9,568,037
Wtr Dpth(MSL)	155.5m	Days on well	17.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Attempting to free BHA from BOP's.
Planned Op	Try to resolve problem with BOPs. Pull out of hole and change out bit. RIH and drill ahead to casing point.

Summary of Period 0000 to 2400 Hrs

Drilled ahead to 2497 mMDRT. Pulled out of hole to change bit. Hung up at BOPs on the way out of hole. Suspected problem with the BOP rams or wear-bushing. Attempted to get free.

Operations For Period 0000 Hrs to 2400 Hrs on 23 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0500	5.00	2,497.0m	Drill 12 1/4" hole from 2438m to 2497m Slide from 2465m to 2476m (1 hr) Slide from 2482m to 2497m (2 hr) Unable to set tool face, pipe stacking, 100psi DHM Diff on last slide. (Last survey @ 2472m, inc 2.07, az 337.28)
IH	U	TO	0500	1030	5.50	2,497.0m	Flow check and pull out of hole from 2497m to 200m
IH	TU (BORC)	TO	1030	1900	8.50	2,497.0m	Pulled from 200m to 197m and top stabilizer hang up in middle pipe ram. Total recorded overpull 710kips. Attempt to work pipe free. (Ballast and de-ballast rig as required to keep tool joint at table)
IH	TU (BORC)	TO	1900	2000	1.00	2,497.0m	Perform well bore integrity test with 10ppg mud. Surface pressure 500 psi , good test.
IH	TU (BORC)	TO	2000	2030	0.50	2,497.0m	De-ballast rig to 22m draft.
IH	TU (BORC)	TO	2030	2130	1.00	2,497.0m	Pumped down choke and kill lines @ 95 SPM= 200psi, to check for restrictive flow under middle pipe rams. Same pressure above and below, indicates no full bore tool across middle pipe ram.
IH	TU (BORC)	TO	2130	2200	0.50	2,497.0m	Function middle pipe ram at full operating pressure both close and open. Ram failed to take correct operating fluid, all surface indications are ram failed to move in any direction.
IH	TU (BORC)	TO	2200	2230	0.50	2,497.0m	Picked up 8" drill collar and hammered stuck 5" drill pipe elevators free from tool joint.
IH	U (BORC)	TO	2230	2400	1.50	2,497.0m	Held safety meeting laid down single of 5"HWDP. Change bails to 500t for extra length between elevator and pipe handler.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	TO	0000	0100	1.00	2,497.0m	Make up bumper sub and x/o's and 2 joints of 8" drill collars.
IH	TU (BORC)	TO	0100	0300	2.00	2,497.0m	Attempt to hammer / bump down using bumper sub. Unable to close mandrel. Back out and lubricate mandrel and hammer close and pull open on rotary table.
IH	TU (BORC)	TO	0300	0600	3.00	2,497.0m	(IN PROGRESS) Using drilling jars, jar down on stuck pipe. 8 minute firing time from jar cocking.

Phase Data to 2400hrs, 23 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m

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Phase Data to 2400hrs, 23 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	108	19 Aug 2005	23 Aug 2005	427.50	17.812	2,497.0m

WBM Data — Cost Today $ 27378

Mud Type:	PHPA	API FL:	4.9cc/30min	Cl:	36000mg/l	Solids(%vol):	10%	Viscosity	55sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	90%	PV	16cp
Time:	0400	HTHP-FL:		Hard/Ca:	800mg/l	Oil(%):		YP	26lb/100ft²
Weight:	10.07ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	11
Temp:	48C°			PM:		pH:	8.5	Gels 10m	14
				PF:	0.05	PHPA:	1ppb	Fann 003	9
								Fann 006	11
								Fann 100	27
								Fann 200	36
								Fann 300	42
								Fann 600	58

Comment: Cumulative cost $ 221859.35

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	12.250in	IADC#	M433	No.	Size	Progress	59.0m	Cum. Progress	1,491.0m
Mfr:	Not Found	WOB(avg)	10.40klb	3	18/32nd"	On Bottom Hrs	4.1h	Cum. On Btm Hrs	43.2h
Type:	PDC	RPM(avg)		3	16/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	18.2h
Serial No.:	10752375	F.Rate	20.70bpm			Total Revs	576	Cum Total Revs	1296
Bit Model	FM3653Z	SPP	3585psi			ROP(avg)	14.39 m/hr	ROP(avg)	34.51 m/hr
Depth In	1,006.0m	HSI							
Depth Out		TFA	1.334						

Bit Comment: Bit left in hole when back off BHA.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	207.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	290,000.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	280,000.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: BHA stuck in BOP

BHA Run Comment: Backed off BHA, recovered HWDP

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	12.9		512.0
Fresh Water	m3	28	26.6		335.7
Drill Water	m3	0	66		812.5
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000	10.00	97	106	3300	10.00
2	National 12P160	6.000		0			
3	Oilwell A1700PT	6.000	10.00	97	106	3300	10.80

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2	Wireline Personnel
Total	84	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=6, Deck=4	
STOP Card		0 Days	8x corrective, 1x positive	

Shakers, Volumes and Losses Data

Available	**2,663.0bbl**	**Losses**	**221.0bbl**
Active	477.0bbl	Downhole	
Hole	1,310.0bbl	Shakers & Equip.	161.0bbl
Slug		Dumped	
Reserve	631.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	5
Shaker 2	VSM	4x165	5
Shaker 3	VSM	4x165	5
Shaker 4	VSM	2x180, 2x16	5

Marine

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Weather on 23 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	35kn	250.0deg	1,024.0mbar	14C°	2.0m	225.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,508.00klb	4.0m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	278.0
2	267.0
3	205.0
4	231.0
5	273.0
6	265.0
7	320.0
8	328.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		465
Drill Water	m3		360
Fresh Water	m3		225
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

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Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1031 / 1041	9 / 8	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 19

24 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$191,183
Rig	OCEAN PATRIOT	Days from spud	10.50	Shoe MDBRT	1,000.1m	Cum Cost	$9,759,220
Wtr Dpth(MSL)	155.5m	Days on well	18.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Jarring down on the BHA in an attempt to free the BHA from the BOP's.
Planned Op	Attempt to free the BHA from the BOPs and POH.

Summary of Period 0000 to 2400 Hrs

Attempted to jar down and get BHA free from BOPs, no success. Rigged up Schlumberger wireline back-off shot. Backed-off string, leaving one joint of HWDP on fish. Pulled out of hole with drillpipe above backed-off point.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	TO	0000	0100	1.00	2,497.0m	Make up bumper sub and x/o's and 2 joints of 8" drill collars.
IH	TU (BORC)	TO	0100	0300	2.00	2,497.0m	Attempt to hammer / bump down using bumper sub. Unable to close mandrel. Back out and lubricate mandrel and hammer close and pull open on rotary table.
IH	TU (BORC)	TO	0300	0900	6.00	2,497.0m	Using drilling jars, jar down on stuck pipe. 8 minute firing time from jar cocking.
IH	TU (BORC)	FSH	0900	1000	1.00	2,497.0m	Cease jarring operations. ROV to observe BOP hoses for " hose jump " as BOP functioned. Nothing untoward noted.
IH	TU (BORC)	FSH	1000	1300	3.00	2,497.0m	Continue to jar down .
IH	TU (BORC)	FSH	1300	1330	0.50	2,497.0m	Laid down 2 x DC and bumper sub.
IH	TU (BORC)	FSH	1330	1830	5.00	2,497.0m	Induct wireline crew. Prepare JSA's. Prepare for hanging of wireline sheave at crown.
IH	TU (BORC)	FSH	1830	1930	1.00	2,497.0m	Rig up wireline sheave at crown
IH	TU (BORC)	FSH	1930	2100	1.50	2,497.0m	Make up 6 string shot back off charge and run in and correlate to leave 1 jnt 5" HWDP on fish @ 125m
IH	TU (BORC)	FSH	2100	2130	0.50	2,497.0m	Apply 18000ftlbs of left hand torque and fire shot. Positive surface indications of back off. Recover wireline.
IH	TU (BORC)	FSH	2130	2200	0.50	2,497.0m	Rig down lower wireline sheave and secure top sheave away from drilling line.
IH	TU (BORC)	FSH	2200	2300	1.00	2,497.0m	Back fish out completely using chain tongs. Pulled out HWDP, perform visual inspection on last tool joint. No defects noted.
IH	TU (BORC)	FSH	2300	2400	1.00	2,497.0m	Ballast rig back to 23.5m draft. Rig down wireline sheave from crown.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	FSH	0000	0500	5.00	2,497.0m	Hold JSA, pick up and make up fishing assy. Skirted screw in sub, bumpersub, 4x91/2"DC, 6X8"DC.
IH	TU (BORC)	FSH	0500	0530	0.50	2,497.0m	Tag and engage fish. Screw into fish with 18000ftlbs and confirm same with 50kips overpull.
IH	TU (BORC)	FSH	0530	0600	0.50	2,497.0m	Commence to jar down on fish, unable to get sufficient jarring action with top drive connected.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Back out top drive and continue to jar down on fish. Jarred down twice with Top Drive and three times without top drive connected. Fish jarred free.

Phase Data to 2400hrs, 24 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	132	19 Aug 2005	24 Aug 2005	451.50	18.812	2,497.0m

WBM Data — Cost Today $ 27378

Mud Type:	PHPA	API FL:	4.6cc/30min	Cl:	35000mg/l	Solids(%vol):	10%	Viscosity	65sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	90%	PV	14cp
Time:	1800	HTHP-FL:		Hard/Ca:	800mg/l	Oil(%):		YP	27lb/100ft²
Weight:	10.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	8
Temp:				PM:		pH:	8	Gels 10m	13
				PF:	0	PHPA:	1ppb	Fann 003	7
								Fann 006	9
								Fann 100	26
								Fann 200	35
								Fann 300	41
								Fann 600	55

Comment: Cumulative cost $ 221859.35

Bit # 3

Wear	I	O1	D	L	B	G	O2	R
	1	4	WT	S	X	2	CT	BHA

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	12.250in	IADC#	M433	No.	Size	Progress	0.0m	Cum. Progress	1,491.0m
Mfr:	Not Found	WOB(avg)		3	18/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	43.2h
Type:	PDC	RPM(avg)		3	16/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	18.2h
Serial No.:	10752375	F.Rate				Total Revs	576	Cum Total Revs	1872
Bit Model	FM3653Z	SPP				ROP(avg)	N/A	ROP(avg)	34.51 m/hr
Depth In	1,006.0m	HSI							
Depth Out	2,497.0m	TFA	1.334						

Bit Comment: Bit left in hole when back off BHA.

BHA # 3

Weight(Wet)	45.00klb	Length	200.2m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	207.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	290,000.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	280,000.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: BHA stuck in BOP

BHA Run Comment: Backed off BHA, recovered HWDP

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.250in		FM3653Z3	
Down Hole Motor	8.50m	9.625in		963006	
Stab	2.35m	12.000in	2.875in	DA9033	
X/O	1.03m	9.500in	2.375in	A545	
Gamma-Ray	7.20m	8.000in	1.937in	9008129	
MWD	2.80m	8.000in	1.937in	90081131k8	

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Equipment	Length	OD	ID	Serial #	Comment
MWD	3.10m	8.000in	3.500in	10562337	
Stab	2.47m	7.937in	2.875in	SBD2394	
8in DC	17.64m	7.875in	2.937in		
Drilling Jars	10.11m	8.250in	3.000in	111510	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	8.437in	2.937in	MS01724	
5in HWDP	138.43m	5.000in	3.000in		

BHA # 4

Weight(Wet)	50.00klb	Length	136.8m	Torque(max)		D.C. (1) Ann Velocity	
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	
		Slack-Off				D.P. Ann Velocity	

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Skirted screw in sub	2.74m	14.000in		TS041	
X/O	1.13m	8.060in	2.875in	3163	
Bumper sub	2.77m	2.770in	2.875in	TSP52006	
X/O	0.74m	9.375in	3.062in	.74	
Drill Collar	36.46m	9.000in	2.812in		
X/O	0.91m	9.375in	3.062in	186-0035	
Drill Collar	53.81m	8.000in			
X/O	1.10m	7.437in	2.937in	19426	
HWDP	27.57m	5.000in			

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		110.6
Bentonite Bulk	MT	0	0		95.1
Diesel	m3	0	11.9		811.8
Fresh Water	m3	24	28.7		685.5
Drill Water	m3	0	24.1		963.0
Cement G	MT	0	0		172.3
Cement HT (Silica)	MT	0			49.2

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	National 12P160	6.000	10.00	97													
2	National 12P160	6.000		0													
3	Oilwell A1700PT	6.000	10.00	97													

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
9 5/8"	/	/	
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel

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Personnel On Board

DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	5	Wireline Personnel
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Fishing engineer
CAMERON AUSTRALIA PTY LTD	2	Wellhead engineer
Total	92	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=3, Deck=7, Maintenance=4	
STOP Card		0 Days	4x corrective, 0x positive	

Shakers, Volumes and Losses Data

Available	**2,620.0bbl**	**Losses**	**44.0bbl**
Active	433.0bbl	Downhole	
Hole	1,311.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	44.0bbl
Reserve	631.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	0
Shaker 2	VSM	4x165	0
Shaker 3	VSM	4x165	0
Shaker 4	VSM	2x180, 2x16	0

Marine

Weather on 24 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	225.0deg	1,027.0mbar	14C°	2.0m	225.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,524.00klb	2.0m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	273.0
2	269.0
3	223.0
4	247.0
5	287.0
6	276.0
7	317.0
8	320.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Melbourne

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Ocean Patriot

Item	Unit	Used	Quantity
Diesel	m3		454
Drill Water	m3		360
Fresh Water	m3		220
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

.

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Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1154 / 1207	10 / 2	

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DRILLING MORNING REPORT # 20

25 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$214,893
Rig	OCEAN PATRIOT	Days from spud	11.50	Shoe MDBRT	1,000.1m	Cum Cost	$9,974,113
Wtr Dpth(MSL)	155.5m	Days on well	19.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Pulling the stack.
Planned Op	Run storm-packer on drillpipe. Prepare to pull stack.

Summary of Period 0000 to 2400 Hrs

POOH with BHA. Downloaded LWD memory data. Rigged up and RIH with storm-packer on drillpipe. Set and tested storm packer. Pulled out of hole and prepared for pulling the stack.

Operations For Period 0000 Hrs to 2400 Hrs on 25 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	FSH	0000	0500	5.00	2,497.0m	Hold JSA, pick up and make up fishing assy. Skirted screw in sub,bumpersub, 4x91/2"DC, 6X8"DC.
IH	TU (BORC)	FSH	0500	0530	0.50	2,497.0m	Tag and engage fish. Screw into fish with 18000ftlbs and confirm same with 50kips overpull.
IH	TU (BORC)	FSH	0530	0600	0.50	2,497.0m	Commence to jar down on fish, unable to get sufficient jarring action with top drive connected. Back out top drive and continue to jar down on fish. Jarred down twice with Top Drive and three times without top drive connected. Fish jarred free.
IH	TU (BORC)	FSH	0600	0730	1.50	2,497.0m	Run in hole with fish to position single of 5" HWDP across middle pipe rams to enable full travel on ram during functioning.
IH	TU (BORC)	FSH	0730	0930	2.00	2,497.0m	Tag up on obstruction, jars @ middle pipe ram, suspect one ram block not functioning correctly on middle pipe rams.
IH	TU (BORC)	FSH	0930	1000	0.50	2,497.0m	Space out to put 8" DC across rams, closed upper and lower pipe rams in a effort to push the non functioning ram block back into the ram cavity on the middle pipe rams. Confirm obstruction cleared.
IH	TU (BORC)	FSH	1000	1600	6.00	2,497.0m	Pull out of hole with fish and break down same. Confirm damage to upper stabilizer. Laid down fishing assy.
IH	TU (BORC)	TI	1600	2030	4.50	2,497.0m	Run in hole open ended pipe to 542m, pick up RTTS packer and set same. Packer setting depth 272m. Back out of packer.
IH	TU (BORC)	PT	2030	2100	0.50	2,497.0m	Perform pressure test on packer 5/10 min, 250/1000psi. Good test.
IH	TU (BORC)	FSH	2100	2200	1.00	2,497.0m	Displace well to sea water @ 267m, recover mud to pits.
IH	TU (BORC)	TO	2200	2230	0.50	2,497.0m	Pulled out of hole from 267m.
IH	TU (BORC)	BOP	2230	2400	1.50	2,497.0m	Rig up to pull marine riser and BOP.

Operations For Period 0000 Hrs to 0600 Hrs on 26 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0100	1.00	2,497.0m	Install divertor running tool and pull divertor, lay down same.
IH	TU (BORC)	BOP	0100	0230	1.50	2,497.0m	Pick up landing joint and lock up slip joint.
IH	TU (BORC)	BOP	0230	0330	1.00	2,497.0m	Observe un-latch of BOP with ROV.
IH	TU (BORC)	BOP	0330	0600	2.50	2,497.0m	Rig down storm loops and saddles, remove choke and kill lines. Move rig off location.

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Phase Data to 2400hrs, 25 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	156	19 Aug 2005	25 Aug 2005	475.50	19.812	2,497.0m

WBM Data

Cost Today $ 0

Mud Type:	PHPA	API FL:	4.4cc/30min	Cl:	35000mg/l	Solids(%vol):	10%	Viscosity	69sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	90%	PV	19cp
Time:	0400	HTHP-FL:	16.0cc/30min	Hard/Ca:	800mg/l	Oil(%):		YP	29lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:		Sand:		Gels 10s	8
Temp:				PM:		pH:	8.5	Gels 10m	10
				PF:	0.05	PHPA:	1ppb	Fann 003	8
								Fann 006	10
								Fann 100	29
								Fann 200	40
								Fann 300	48
								Fann 600	67

Comment: Cumulative cost $ 221859.35

Bit # 3

Wear	I	O1	D	L	B	G	O2	R
	1	4	WT	S	X	2	CT	BHA

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	12.250in	IADC#	M433	No.	Size	Progress	0.0m	Cum. Progress	1,491.0m
Mfr:	Not Found	WOB(avg)	10.40klb	3	18/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	43.2h
Type:	PDC	RPM(avg)		3	16/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	18.2h
Serial No.:	10752375	F.Rate	20.70bpm			Total Revs	576	Cum Total Revs	2448
Bit Model	FM3653Z	SPP	3585psi			ROP(avg)	N/A	ROP(avg)	34.51 m/hr
Depth In	1,006.0m	HSI							
Depth Out	2,497.0m	TFA	1.334						

Bit Comment: Bit left in hole when back off BHA.

BHA # 4

Weight(Wet)	50.00klb	Length	136.8m	Torque(max)		D.C. (1) Ann Velocity	
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	
		Slack-Off				D.P. Ann Velocity	

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Skirted screw in sub	2.74m	14.000in		TS041	
X/O	1.13m	8.060in	2.875in	3163	
Bumper sub	2.77m	2.770in	2.875in	TSP52006	
X/O	0.74m	9.375in	3.062in	.74	
Drill Collar	36.46m	9.000in	2.812in		
X/O	0.91m	9.375in	3.062in	186-0035	
Drill Collar	53.81m	8.000in			
X/O	1.10m	7.437in	2.937in	19426	
HWDP	27.57m	5.000in			

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	9.3		490.8
Fresh Water	m3	27	27		331.0
Drill Water	m3	0	12		776.4
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12P160	6.000	10.00	97			
2	National 12P160	6.000		0			
3	Oilwell A1700PT	6.000	10.00	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	5	Wireline Personnel
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Fishing engineer
CAMERON AUSTRALIA PTY LTD	2	Wellhead engineer
Total	91	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=6, Deck=9,Mech=4	
STOP Card		0 Days	5x corrective, 2x positive	

Shakers, Volumes and Losses Data

Available	**2,552.0bbl**	**Losses**	**68.0bbl**
Active	617.0bbl	Downhole	
Hole	1,075.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	68.0bbl
Reserve	247.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	
Shaker 2	VSM	4x165	
Shaker 3	VSM	4x165	
Shaker 4	VSM	2x180, 2x16	

Marine

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Weather on 25 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	7kn	225.0deg	1,028.0mbar	16C°	1.5m	225.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,336.00klb	2.0m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	271.0
2	269.0
3	234.0
4	273.0
5	276.0
6	273.0
7	289.0
8	293.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En-route Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		444
Drill Water	m3		360
Fresh Water	m3		208
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1118 / 1130	5 / 8	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 21

26 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$187,693
Rig	OCEAN PATRIOT	Days from spud	12.50	Shoe MDBRT	1,000.1m	Cum Cost	$10,161,806
Wtr Dpth(MSL)	155.5m	Days on well	20.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Working on BOPs.
Planned Op	Examine BOPs and determine status.

Summary of Period 0000 to 2400 Hrs

Pulled stack. Examined BOPs for damage.

Operations For Period 0000 Hrs to 2400 Hrs on 26 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0100	1.00	2,497.0m	Install divertor running tool and pull divertor, lay down same.
IH	TU (BORC)	BOP	0100	0230	1.50	2,497.0m	Pick up landing joint and lock up slip joint.
IH	TU (BORC)	BOP	0230	0300	0.50	2,497.0m	Observe un-latch of BOP with ROV.
IH	TU (BORC)	BOP	0300	0600	3.00	2,497.0m	Rig down storm loops and saddles, remove choke and kill lines. Move rig off location.
IH	TU (BORC)	BOP	0600	1200	6.00	2,497.0m	Lay down landing joint and slip joint and pull marine riser. Landout BOP on carrier. (ROV install dust cover on wellhead)
IH	TU (BORC)	BOP	1200	1500	3.00	2,497.0m	Remove guide lines from BOP, move BOP stb on carrier.
IH	TU (BORC)	BOP	1500	1600	1.00	2,497.0m	Open middle pipe ram bonnet's.
IH	TU (BORC)	BOP	1600	2400	8.00	2,497.0m	Remove middle pipe ram blocks and inspect cavity. Trouble shoot BOP functions. (Laid down excess BHA from derrick and M/U next 12 1/4" bit run) NOTE, ram block damage indicates possible junk in hole. Ram blocks not serviceable. Middle ram cavity is servicable.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0600	6.00	2,497.0m	(IN PROGRESS) Open shear rams, VPR and lower pipe rams and inspect same. Check ram cavities. No defects noted.MPI ram buttons on middle pipe rams, o.k. Troubleshoot middle pipe ram closing problem.Install new middle pipe ram blocks and close all ram bonnets. Lift BOP from carrier and rack on main deck, clean and inspect test stump,install new ring gasket. Lift and re-install BOP back on carrier. Continue to trouble shoot BOP. (Test C&K manifold and surface equipment 5/10min, 250/5000psi) (slip and cut D/Line and change liner & wear plate #1 pump)

Phase Data to 2400hrs, 26 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m

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Phase Data to 2400hrs, 26 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	180	19 Aug 2005	26 Aug 2005	499.50	20.812	2,497.0m

WBM Data

Cost Today $ 516

Mud Type:	PHPA	API FL:	4.4cc/30min	Cl:	35000mg/l	Solids(%vol):	10%	Viscosity	65sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	90%	PV	15cp
Time:	0400	HTHP-FL:	16.0cc/30min	Hard/Ca:	800mg/l	Oil(%):		YP	26lb/100ft²
Weight:	10.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	8
Temp:				PM:		pH:	8.5	Gels 10m	12
				PF:	0	PHPA:	1ppb	Fann 003	6
								Fann 006	8
								Fann 100	25
								Fann 200	34
								Fann 300	41
								Fann 600	56

Comment: Cumulative cost $ 222375.21

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	11		479.8
Fresh Water	m3	25	30		326.0
Drill Water	m3	0	12		764.4
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	MWD Personnel
Total	81	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=5, Deck=11, Mech=2	
STOP Card		0 Days	2x corrective, 1x positive	

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Shakers, Volumes and Losses Data

Available	2,552.0bbl	Losses	0.0bbl
Active	617.0bbl	Downhole	
Hole	1,075.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	
Reserve	247.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	
Shaker 2	VSM	4x165	
Shaker 3	VSM	4x165	
Shaker 4	VSM	2x180, 2x16	

Marine

Weather on 26 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	250.0deg	1,032.0mbar	15C°	1.5m	225.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,532.00klb	2.0m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	198.0
2	302.0
3	236.0
4	163.0
5	313.0
6	245.0
7	291.0
8	340.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Melbourne

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Ocean Patriot

Item	Unit	Used	Quantity
Diesel	m3		435
Drill Water	m3		360
Fresh Water	m3		200
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1027 / 1049	6 / 16	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 22

27 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$220,954
Rig	OCEAN PATRIOT	Days from spud	13.50	Shoe MDBRT	1,000.1m	Cum Cost	$10,382,760
Wtr Dpth(MSL)	155.5m	Days on well	21.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Working on BOPs.
Planned Op	Work on BOPs. Continue troubleshooting hydraulic control mechanism.

Summary of Period 0000 to 2400 Hrs

Trouble shoot BOPs. Install new middle pipe ram. Trouble shoot BOP ram control systems.

Operations For Period 0000 Hrs to 2400 Hrs on 27 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	2400	24.00	2,497.0m	Open shear rams, VPR and lower pipe rams and inspect same. Check ram cavities. No defects noted.MPI ram buttons on middle pipe rams, o.k. Troubleshoot middle pipe ram closing problem.Install new middle pipe ram blocks and close all ram bonnets. Lift BOP from carrier and rack on main deck, clean and inspect test stump,install new ring gasket. Lift and re-install BOP back on carrier. Continue to trouble shoot BOP. (Test C&K manifold and surface equipment 5/10min, 250/5000psi) (slip and cut D/Line and change liner & wear plate #1 pump)

Operations For Period 0000 Hrs to 0600 Hrs on 28 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0600	6.00	2,497.0m	(IN PROGRESS) Start to function test BOP. Trouble shoot operating system during function testing. P/Test LPR,UPR,MPR, 5/10min, 250/5000psi. Monitor middle pipe ram closing pressure.All testing done in full drilling mode in an attempt to re-create previous problem. No faults in the operating system were noted. New MPR ram blocks,5"DP packers, top seals and side packers installed.

Phase Data to 2400hrs, 27 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	204	19 Aug 2005	27 Aug 2005	523.50	21.812	2,497.0m

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Anzon Australia LIMITED

WBM Data

Cost Today $ 12600

Mud Type:	PHPA	API FL:	4.4cc/30min	Cl:	35000mg/l	Solids(%vol):	10%	Viscosity	65sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	90%	PV	15cp
Time:	0400	HTHP-FL:	16.0cc/30min	Hard/Ca:	800mg/l	Oil(%):		YP	26lb/100ft²
Weight:	10.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	8
Temp:				PM:		pH:	8.5	Gels 10m	12
				PF:	0	PHPA:	1ppb	Fann 003	6
								Fann 006	8
								Fann 100	25
								Fann 200	34
								Fann 300	41
								Fann 600	56

Comment — Cumulative cost $ 234,975.21

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	140.7	13.1		607.4
Fresh Water	m3	26	26		326.0
Drill Water	m3	220	15		969.4
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	MWD Personnel
Total	81	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=8, Deck=11, Tech=3	
STOP Card		0 Days	1x corrective, 3 x positive	

Shakers, Volumes and Losses Data

Available	**2,663.0bbl**
Active	477.0bbl
Hole	1,310.0bbl
Slug	
Reserve	631.0bbl

Losses	**221.0bbl**
Downhole	
Shakers & Equip.	161.0bbl
Dumped	
Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	5
Shaker 2	VSM	4x165	5
Shaker 3	VSM	4x165	5
Shaker 4	VSM	2x180, 2x16	5

Marine

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Printed on 28 Aug 2005

Anzon Australia LIMITED

Weather on 27 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	250.0deg	1,026.0mbar	16C°	1.5m	180.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,750.00klb	1.0m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	278.0
2	267.0
3	205.0
4	231.0
5	273.0
6	265.0
7	320.0
8	328.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En-route Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		674
Drill Water	m3		56
Fresh Water	m3		169
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		275.1
Drill Water	m3		130
Fresh Water	m3		180
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		300

.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1902 / 1921	0 / 0	BOP Ram blocks.

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 23

28 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$189,060
Rig	OCEAN PATRIOT	Days from spud	14.50	Shoe MDBRT	1,000.1m	Cum Cost	$10,571,820
Wtr Dpth(MSL)	155.5m	Days on well	22.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Trouble shooing BOP's
Planned Op	Trouble shoot BOP's. Run riser and BOP after pressure testing.

Summary of Period 0000 to 2400 Hrs

Function test BOP's. Trouble shoot operating system

Operations For Period 0000 Hrs to 2400 Hrs on 28 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	1200	12.00	2,497.0m	Start to function test BOP. Trouble shoot operating system during function testing. P/Test LPR,UPR,MPR, 5/10min, 250/5000psi. Monitor middle pipe ram closing pressure.All testing done in full drilling mode in an attempt to re-create previous problem. No faults in the operating system were noted. New MPR ram blocks,5"DP packers, top seals and side packers installed.
IH	TU (BORC)	BOP	1200	2400	12.00	2,497.0m	Continued to test BOP rams and fail safe valves.Test Annulars to 3500psi. Lower outer kill failsafe failed to test. Strip and re-build same. Move BOP from carrier and stow on main deck to clean test stump after cuttings plugged up test stump from Annular test. Re-install BOP on carrier, install blind cap for shear ram test.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0600	6.00	2,497.0m	Failsafe on kill line failed again re-build same. Installed new gate and seat and re-build kit into failsafe valve. Re-installing failsafe @ 0600hrs. SPM valves and Yellow pod regulator still to be changed. Shear ram and failsafe still to be tested.

Phase Data to 2400hrs, 28 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	228	19 Aug 2005	28 Aug 2005	547.50	22.812	2,497.0m

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Anzon Australia LIMITED

WBM Data

Cost Today $ 0

Mud Type:	PHPA	API FL:	4.9cc/30min	Cl:	36000mg/l	Solids(%vol):	10%	Viscosity	55sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	90%	PV	16cp
Time:	0400	HTHP-FL:		Hard/Ca:	800mg/l	Oil(%):		YP	26lb/100ft²
Weight:	10.07ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	11
Temp:	48C°			PM:		pH:	8.5	Gels 10m	14
				PF:	0.05	PHPA:	1ppb	Fann 003	9
								Fann 006	11
								Fann 100	27
								Fann 200	36
								Fann 300	42
								Fann 600	58

Comment — Cumulative cost $ 234,975.21

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	9.3		598.1
Fresh Water	m3	24	24		326.0
Drill Water	m3	0	18		951.4
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	MWD Personnel
Total	81	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=5, Deck=7, Tech=3	
STOP Card		0 Days	10x corrective, 5x positive	

Shakers, Volumes and Losses Data

Available	**2,663.0bbl**	**Losses**	**221.0bbl**
Active	477.0bbl	Downhole	
Hole	1,310.0bbl	Shakers & Equip.	161.0bbl
Slug		Dumped	
Reserve	631.0bbl	Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	
Shaker 2	VSM	4x165	
Shaker 3	VSM	4x165	
Shaker 4	VSM	2x180, 2x16	

Marine

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Weather on 28 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	150.0deg	1,021.0mbar	18C°	1.0m	150.0deg	-1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,876.00klb	0.1m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	278.0
2	267.0
3	205.0
4	231.0
5	273.0
6	265.0
7	320.0
8	328.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		610.8
Drill Water	m3		455
Fresh Water	m3		311
Barite Bulk	MT		101
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		465
Drill Water	m3		360
Fresh Water	m3		225
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		300

.

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 24

29 Aug 2005 **From:** WJ Westman
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$194,593
Rig	OCEAN PATRIOT	Days from spud	15.50	Shoe MDBRT	1,000.1m	Cum Cost	$10,766,413
Wtr Dpth(MSL)	155.5m	Days on well	23.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Running BOP's on Riser.
Planned Op	Run and land stack. Retrieve Storm Packer. RIH with kick-off assembly and drill ahead 12.25" hole.

Summary of Period 0000 to 2400 Hrs

Trouble shoot BOPs. Pressure test BOP's. Run BOP's on marine riser.

Operations For Period 0000 Hrs to 2400 Hrs on 29 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	1200	12.00	2,497.0m	Failsafe on kill line failed again re-build same. Installed new gate and seat and re-build kit into failsafe valve. Re-test failsafe and shear rams. Complete full BOP pressure test, 250/5000psi , 5/10mins.
IH	TU (BORC)	BOP	1200	1800	6.00	2,497.0m	Install new regulator on yellow pod. Install new open and close SPM valves on yellow pod middle pipe ram. Install new hose on close side middle pipe ram. Perform full function test on both pods. (P/U double of riser)
IH	TU (BORC)	BOP	1800	1930	1.50	2,497.0m	Move BOP on carrier under rotary table and install guide lines.
IH	TU (BORC)	BOP	1930	2030	1.00	2,497.0m	Connect double of riser to BOP, lift and remove carrier. Run down double and land in spider.
IH	TU (BORC)	BOP	2030	2130	1.00	2,497.0m	Pressure test double with 250/5000 psi, 5/10mins using cement unit.
IH	TU (BORC)	BOP	2130	2400	2.50	2,497.0m	Run BOP on marine riser.

Operations For Period 0000 Hrs to 0600 Hrs on 30 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0200	2.00	2,497.0m	Continue to run BOP on marine riser.
IH	TU (BORC)	BOP	0200	0230	0.50	2,497.0m	P/U slip joint and landing joint.
IH	TU (BORC)	BOP	0230	0400	1.50	2,497.0m	Install choke and kill lines onto slip joint and pressure test same. 250/5000psi , 5/10mins.
IH	TU (BORC)	BOP	0400	0600	2.00	2,497.0m	Latch tensioner ring onto slipjoint. Weight transfer from travelling block to riser tensioners, while moving rig back onto location. (Jump ROV and remove dust cover from wellhead)

Phase Data to 2400hrs, 29 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m

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Phase Data to 2400hrs, 29 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	252	19 Aug 2005	29 Aug 2005	571.50	23.812	2,497.0m

WBM Data

Cost Today $ 198

Mud Type:	PHPA	API FL:	5.1cc/30min	Cl:	35000mg/l	Solids(%vol):	8%	Viscosity	62sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	92%	PV	15cp
Time:	0915	HTHP-FL:	18.0cc/30min	Hard/Ca:	680mg/l	Oil(%):		YP	25lb/100ft²
Weight:	10.00ppg	HTHP-cake:		MBT:		Sand:		Gels 10s	9
Temp:				PM:		pH:	10.3	Gels 10m	13
				PF:	0.6	PHPA:	1ppb	Fann 003	5
								Fann 006	7
								Fann 100	25
								Fann 200	34
								Fann 300	40
								Fann 600	55

Comment: Cumulative cost $ 235173.65

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0		53.9
Bentonite Bulk	MT	0	0		59.8
Diesel	m3	0	10.6		587.5
Fresh Water	m3	26	31		321.0
Drill Water	m3	24.1	0		975.5
Cement G	MT	0	0		125.2
Cement HT (Silica)	MT	0			49.2

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	5	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	MWD Personnel
Total	81	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=3, Deck=5,Tech=1	
STOP Card		0 Days	3x corrective, 4x positive	

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Shakers, Volumes and Losses Data

Available	3,253.0bbl	Losses	0.0bbl
Active	618.0bbl	Downhole	
Hole	1,075.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	
Reserve	298.0bbl	Centrifuges	
Brine	700.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM	4X180	
Shaker 2	VSM	4x165	
Shaker 3	VSM	4x165	
Shaker 4	VSM	2x180, 2x16	

Marine

Weather on 29 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	150.0deg	1,015.0mbar	16C°	0.5m	150.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,908.00klb	0.5m	150.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	267.0
2	258.0
3	245.0
4	185.0
5	335.0
6	258.0
7	276.0
8	309.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	m3		599.9
Drill Water	m3		455
Fresh Water	m3		309
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Stand-by Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		465
Drill Water	m3		360
Fresh Water	m3		225
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Cement G	MT		0
Brine	BBLS		1000

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Air Ambulance Victoria	2025 / 2052	0 / 1	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 25
BASKER - 2

30 Aug 2005

From: WJ Westman
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	2,497.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,497.0m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$208,499
Rig	OCEAN PATRIOT	Days from spud	16.50	Shoe MDBRT	1,000.1m	Cum Cost	$10,974,912
Wtr Dpth(MSL)	155.5m	Days on well	24.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Runnng in hole with 12.25" drilling assembly
Planned Op	Pull storm packer and pick up BHA. RIH to bottom and drill ahead in 12.25" hole.

Summary of Period 0000 to 2400 Hrs

Ran Bop's on Riser and latched . Pressure tested connections. Pulled storm packer. Displace riser to 10ppg mud. Started picking up BHA.

Operations For Period 0000 Hrs to 2400 Hrs on 30 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	BOP	0000	0200	2.00	2,497.0m	Continue to run BOP on marine riser.
IH	TU (BORC)	BOP	0200	0400	2.00	2,497.0m	P/U slip joint and landing joint. Install choke and kill lines onto slip joint and pressure test same 250/5000psi , 5/10mins.
IH	TU (BORC)	BOP	0400	0500	1.00	2,497.0m	Latch tensioner ring onto slipjoint. Weight transfer from travelling block to riser tensioners, while moving rig back onto location. (Jump ROV and remove dust cover from wellhead)
IH	TU (BORC)	BOP	0500	0600	1.00	2,497.0m	Rig up storm saddles for pod hoses.
IH	TU (BORC)	BOP	0600	0700	1.00	2,497.0m	Land and latch BOP , confirm same with 50kips overpull on connector on both pods.
IH	TU (BORC)	BOP	0700	0800	1.00	2,497.0m	Un-lock inner barrel on slip joint while establishing storm loops in pod hoses.
IH	TU (BORC)	BOP	0800	1000	2.00	2,497.0m	Lay out landing joint and pick up and install divertor.
IH	TU (BORC)	BOP	1000	1100	1.00	2,497.0m	Rig down marine riser running equipment.
IH	TU (BORC)	BOP	1100	1330	2.50	2,497.0m	Pick up and run WSTT tool for connector pressure test.
IH	TU (BORC)	BOP	1330	1500	1.50	2,497.0m	Perform connector pressure test against upper rams, 250/5000psi , 5/10mins. Perform full function test using both pods to check operating time within API spec, with subsea accumulators isolated. Good function and pressure test.
IH	TU (BORC)	BOP	1500	1600	1.00	2,497.0m	Pull out and lay down WSTT tool.
IH	TU (BORC)	TI	1600	1830	2.50	2,497.0m	Pick-up 11 1/2" stab and bumper sub and Hurricane packer stinger and run in to 273m
IH	TU (BORC)	CMD	1830	1900	0.50	2,497.0m	Displace riser, choke, kill and booster lines with 10 ppg mud.
IH	TU (BORC)	TI	1900	2000	1.00	2,497.0m	Engage packer and un-seat same. Circ to check for gas and allow element to relax.
IH	TU (BORC)	TO	2000	2230	2.50	2,497.0m	Pull out and lay down bumper sub, stab and Hurricane packer, service break same.
IH	TU (BORC)	TO	2230	2400	1.50	2,497.0m	Cont pull out with 112m HWDP and 144m DP (under packer)

Operations For Period 0000 Hrs to 0600 Hrs on 31 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	TO	0000	0030	0.50	2,497.0m	Continue to pull out of hole with open ended DP.
IH	TU	HBHA	0030	0500	4.50	2,497.0m	M/U 12 1/4" BHA, picked up MWD initialise same.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
	(BORC)						Set and orientate motor to MWD. Run in hole BHA to BOP.
IH	P	TI	0500	0600	1.00	2,497.0m	(IN PROGRESS) Run in hole to 1000m for shallow pulse test MWD at shoe, circ 15 mins.

Phase Data to 2400hrs, 30 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	276	19 Aug 2005	30 Aug 2005	595.50	24.812	2,497.0m

WBM Data

Cost Today $ 0

Mud Type:	PHPA	API FL:	5.0cc/30min	Cl:	0mg/l	Solids(%vol):	9%	Viscosity	66sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	91%	PV	14cp
Time:	15.00	HTHP-FL:	18.0cc/30min	Hard/Ca:	280mg/l	Oil(%):		YP	25lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	6
Temp:				PM:	1	pH:	10.3	Gels 10m	10
				PF:	0.55	PHPA:	1ppb	Fann 003	6
								Fann 006	8
								Fann 100	24
								Fann 200	33
								Fann 300	39
								Fann 600	53

Comment

Cumulative cost:-
235,173.65

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	71.32	7.33		174.6
Bentonite Bulk	MT				95.1
Diesel	m3		9.9		889.3
Fresh Water	m3	27	27.1		675.4
Drill Water	m3		8.5		1,141.6
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
9 5/8"	/	/	
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	46	All Diamond Personnel
DOGC	6	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	6	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	MWD Personnel

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Printed on 03 Sep 2005

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Personnel On Board

Total	85

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=4, Deck=10	
STOP Card		0 Days	4x corrective, 3x positive	

Shakers, Volumes and Losses Data

Available	**3,108.0bbl**	**Losses**	**145.0bbl**
Active	408.0bbl	Downhole	
Hole	1,337.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	145.0bbl
Reserve	158.0bbl	Centrifuges	
Brine	700.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM 100	4 X 180	
Shaker 2	VSM 100	2 X 180, 2 X 16	
Shaker 2	VSM 100	4 X 165	
Shaker 2	VSM 100	4 X 165	

Marine

Weather on 30 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	45.0deg	1,001.0mbar	17C°	1.0m	150.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,650.00klb	1.5m	68.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	251.0
2	269.0
3	243.0
4	280.0
5	258.0
6	251.0
7	287.0
8	289.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot
Pacific Sentinel			Stand-by Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	m3		589.5
Fresh Water	m3		304
Drill Water	m3		455

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1037 / 1049	6 / 2	

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Anzon Australia LIMITED

31 Aug 2005

From: R. King
To: J. Ah-Cann

DRILLING MORNING REPORT # 26
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,575.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,574.8m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	78.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$394,830
Rig	OCEAN PATRIOT	Days from spud	17.50	Shoe MDBRT	1,000.1m	Cum Cost	$11,369,742
Wtr Dpth(MSL)	155.5m	Days on well	25.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drill ahead 12.25" hole. Sliding as required for directional control.
Planned Op	Drill ahead 12.25" hole to casing point. Slide as required for directional control.

Summary of Period 0000 to 2400 Hrs

POOH drill pipe from below storm packer. Make up BHA, initialize LWD and RIH. Shallow test LWD at 100m. RIH to 2497m, circulate and condition mud. Directionally drilled ahead from 2497 mMDRT alternating between sliding and rotating fir directional control.

Operations For Period 0000 Hrs to 2400 Hrs on 31 Aug 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TU (BORC)	TO	0000	0030	0.50	2,497.0m	Continue to pull out of hole with open ended DP.
IH	TU (BORC)	HBHA	0030	0500	4.50	2,497.0m	M/U 12 1/4" BHA, picked up MWD initialise same. Set and orientate motor to MWD. Run in hole BHA to BOP.
IH	P	TI	0500	0700	2.00	2,497.0m	Run in hole to 1000m for shallow pulse test MWD at shoe, circ 15 mins.
IH	P	TI	0700	1100	4.00	2,497.0m	Continued to run in hole from 1000m to 2497m. No hole problems encountered.
IH	P	CMD	1100	1200	1.00	2,497.0m	Circulate and condition mud, maintain 10ppg. Took SCR'S
IH	P	DA	1200	1330	1.50	2,509.0m	Drill in rotary 12 1/4" hole from 2497m to 2509m
IH	P	DM	1330	1830	5.00	2,542.0m	Slide drill 12 1/4" hole from 2509m to 2542m
IH	P	DA	1830	1930	1.00	2,554.0m	Drill in rotary 12 1/4" hole from 2542m to2554m
IH	P	DM	1930	2400	4.50	2,575.0m	Slide drill 12 1/4" hole from 2554m to 2575m

Operations For Period 0000 Hrs to 0600 Hrs on 01 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0600	6.00	2,619.0m	(IN PROGRESS) Continued to slide drill 12 1/4" hole from 2575m to 2619m

Phase Data to 2400hrs, 31 Aug 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	300	19 Aug 2005	31 Aug 2005	619.50	25.812	2,575.0m

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WBM Data

Cost Today $ 19974

Mud Type:	PHPA	API FL:	4.4cc/30min	Cl:	30000mg/l	Solids(%vol):	10%	Viscosity	62sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	2%	H2O:	90%	PV	19cp
Time:	21.00	HTHP-FL:	16.0cc/30min	Hard/Ca:	720mg/l	Oil(%):		YP	37lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	11
Temp:	35C°			PM:	0.55	pH:	9.3	Gels 10m	15
				PF:	0.05	PHPA:	1ppb	Fann 003	10
								Fann 006	13
								Fann 100	36
								Fann 200	47
								Fann 300	56
								Fann 600	75

Comment: Cumulative, $ 255,147.40

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437X	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	SMITH BITS	WOB(avg)	30.00klb	No.	Size	Progress	78.0m	Cum. Progress	78.0m
Type:	Rock	RPM(avg)		1	20/32nd"	On Bottom Hrs	9.2h	Cum. On Btm Hrs	9.2h
Serial No.:	NR6231	F.Rate		1	20/32nd"	IADC Drill Hrs	12.0h	Cum IADC Drill Hrs	12.0h
Bit Model	GFS10BVCPS	SPP		1	20/32nd"	Total Revs	82	Cum Total Revs	82
Depth In	2,497.0m	HSI		1	20/32nd"	ROP(avg)	8.48 m/hr	ROP(avg)	8.48 m/hr
Depth Out		TFA	1.23						

Bit Comment

BHA # 5

Weight(Wet)	50.00klb	Length	202.5m	Torque(max)	6000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	26.00klb	String	196.00klb	Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	310.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.250in		MR6231	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
Pony DC	3.58m	8.000in	3.000in	DA8014	
Stab	2.19m	11.500in	2.875in	47570	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2442.00	2.0	337.0	2442.39	-23.1	24.8	-7.6	0.2	MWD
2472.22	2.1	337.3	2471.88	-24.0	25.7	-8.0	0.1	MWD
2499.05	2.1	341.0	2498.69	-24.8	26.6	-8.4	0.2	MWD
2527.69	1.2	320.7	2527.32	-25.5	27.4	-8.8	1.1	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				174.6

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Bentonite Bulk	MT				95.1
Diesel	m3		14.7		874.6
Fresh Water	m3	23	24.4		674.0
Drill Water	m3		39.7		1,101.9
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	oilwell	6.000	10.00	97	95	3200	20.23
2	national	6.000	10.00	97	95	3200	20.23
3	national	6.000	10.00	97	95	3200	20.23

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
2470.0	30	340	3.00	40	430	4.00	50	490	5.00
2470.0	30	330	3.00	40	460	4.00	50	500	5.00

Casing

OD	LOT / FIT	Csg Shoe MD	Cementing
9 5/8"	/		
30 "	/	209.00m	
13 3/8"	/	1,000.00m	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
DOGC	6	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	83	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=2, Deck=7	
STOP Card		0 Days	2x positive	

Shakers, Volumes and Losses Data

Available	**3,052.0bbl**	**Losses**	**218.0bbl**
Active	456.0bbl	Downhole	
Hole	1,298.0bbl	Shakers & Equip.	176.0bbl
Slug		Dumped	
Reserve	358.0bbl	Centrifuges	
Brine	600.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4x180	18
Shaker 2	VSM100	4x165	18
Shaker 3	VSM100	4x165	18
Shaker 4	VSM100	2x180,2x16	18

Marine

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Weather on 31 Aug 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	35kn	259.0deg	1,017.0mbar	16C°	2.5m	270.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,802.00klb	4.0m	270.0deg		

Comments

Rig Support

Anchors	Tension (klb)
1	295.0
2	302.0
3	225.0
4	254.0
5	236.0
6	243.0
7	313.0
8	309.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	m3		578.6
Fresh Water	m3		302
Drill Water	m3		455

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			En-route Ocean Patriot	

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1009 / 1024	5 / 7	

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DRILLING MORNING REPORT # 27
BASKER - 2

01 Sep 2005

From: R.King
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	2,664.6m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,664.1m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	90.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$341,162
Rig	OCEAN PATRIOT	Days from spud	18.50	Shoe MDBRT	1,000.1m	Cum Cost	$11,710,904
Wtr Dpth(MSL)	155.5m	Days on well	26.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drilling ahead in Sandstone and Argillaceous Siltstones below K2 Sand.
Planned Op	Drill ahead 12.25" hole rotate and slide as required for directional control.

Summary of Period 0000 to 2400 Hrs

Drilled ahead directionally from 2575 mMDRT. Continued to slide to build angle following kick-off. Drilled through abundant thinly interbedded pyritised and dolomitised stringers within the K2 Sand from 2613-2664 mMDRT.

Operations For Period 0000 Hrs to 2400 Hrs on 01 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0830	8.50	2,619.0m	Continued to slide drill 12 1/4" hole from 2575m to 2619m
IH	TU (RE)	DM	0830	1030	2.00	2,619.0m	Circulate on pump # 1, due to electrical fault on blower motors for pumps #2 & #3. Trouble shoot same.
IH	P	DM	1030	1500	4.50	2,632.0m	Contine to slide drill 12 1/4" hole from 2619m to 2632m, using pumps #1 & #3.
IH	TU (RE)	DM	1500	1600	1.00	2,632.0m	Circulate on pump #3, due to swab failure on pump #1 and electrical fault on pump #2 still unresolved.
IH	P	DM	1600	2330	7.50	2,665.0m	Continue to slide drill 12 1/4" hole from 2632m to 2665m, using pumps #1 & #3.
IH	P	RW	2330	2400	0.50	2,665.0m	Stuck on bottom, cock and fire jars once with 70 kips o/pull, pipe free. Work stand from 2665m to 2642m

Operations For Period 0000 Hrs to 0600 Hrs on 02 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	RW	0000	0030	0.50	2,665.0m	Continued to wipe and backream stand, from 2665m to 2642m. Hole cleaned up, off bottom rotary torque 5000ft/lbs.
IH	P	DA	0030	0130	1.00	2,671.0m	Rotary drill 12 1/4" hole from 2665m to 2671m
IH	P	DM	0130	0230	1.00	2,671.0m	Attempt to slide drill 12 1/4" hole @ 2671m, unsuccessful.
IH	P	DA	0230	0300	0.50	2,675.0m	Rotary drill 12 1/4" hole from 2671m to 2675m
IH	P	DM	0300	0600	3.00	2,690.0m	Slide drill 12 1/4" hole from 2675m to 2690m

Phase Data to 2400hrs, 01 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	324	19 Aug 2005	01 Sep 2005	643.50	26.812	2,665.0m

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WBM Data

Cost Today $ 15741

Mud Type:	PHPA	API FL:	4.5cc/30min	Cl:	35000mg/l	Solids(%vol):	10%	Viscosity	69sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	3%	H2O:	90%	PV	19cp
Time:	20.00	HTHP-FL:	13.6cc/30min	Hard/Ca:	480mg/l	Oil(%):		YP	42lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5.5	Sand:		Gels 10s	12
Temp:	49C°			PM:	0.65	pH:	9.5	Gels 10m	20
				PF:	0.15	PHPA:	1ppb	Fann 003	10
								Fann 006	13
								Fann 100	40
								Fann 200	53
								Fann 300	61
								Fann 600	80

Comment: Cumulative, $ 270,889.38

HPHT, 8cc @ 180F, 14.6cc @ 250F.

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437X	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	SMITH BITS	WOB(avg)	30.00klb	No.	Size	Progress	90.0m	Cum. Progress	168.0m
Type:	Rock	RPM(avg)		1	20/32nd"	On Bottom Hrs	14.3h	Cum. On Btm Hrs	23.5h
Serial No.:	NR6231	F.Rate		1	20/32nd"	IADC Drill Hrs	12.0h	Cum IADC Drill Hrs	24.0h
Bit Model	GFS10BVCPS	SPP		1	20/32nd"	Total Revs	203	Cum Total Revs	285
Depth In	2,497.0m	HSI		1	20/32nd"	ROP(avg)	6.29 m/hr	ROP(avg)	7.15 m/hr
Depth Out		TFA	1.23						

Bit Comment

BHA # 5

Weight(Wet)	50,000.00klb	Length	202.5m	Torque(max)	25000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	26,000.00klb	String		Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	310.00klb	Torque(On.Btm)	5000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.250in		MR6231	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
Pony DC	3.58m	8.000in	3.000in	DA8014	
Stab	2.19m	11.500in	2.875in	47570	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2557.34	0.9	264.9	2556.97	-25.6	27.6	-9.2	1.1	
2585.21	1.5	194.3	2584.83	-25.2	27.2	-9.5	1.6	
2612.45	3.6	191.4	2612.04	-24.0	26.1	-9.7	2.4	

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0.23		174.3
Bentonite Bulk	MT				95.1
Diesel	m3		18.6		856.0
Fresh Water	m3	33	28.9		678.1
Drill Water	m3		78		1,023.9
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	oilwell	6.000	10.00	97	95	3350	20.00
2	national	6.000	10.00	97	95	3350	20.00
3	national	6.000	10.00	97	95	3350	20.00

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
2640.0	30	450	3.00	40	550	4.00	50	650	5.00
2640.0	30	450	3.00	40	525	4.00	50	625	5.00

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
9 5/8"	/	/	
30 "	/	209.00m / 1,000.10m	
13 3/8"	/	1,000.00m /	

Personnel On Board

Company	Pax	Comment
DOGC	43	All Diamond Personnel
DOGC	6	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	4	Wireline Personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	85	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=1, Deck=2,Tech=5	
STOP Card		0 Days	4x corrective, 4x positive	

Shakers, Volumes and Losses Data

Available	**2,854.0bbl**
Active	459.0bbl
Hole	1,338.0bbl
Slug	
Reserve	377.0bbl
Brine	350.0bbl

Losses	**262.0bbl**
Downhole	
Shakers & Equip.	184.0bbl
Dumped	
Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4x180	24
Shaker 2	VSM100	4x165	24
Shaker 3	VSM100	4x165	24
Shaker 4	VSM100	2x180,2x16	24

Marine

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Weather on 01 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	270.0deg	1,028.0mbar	11C°	0.0m	203.0deg	-1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,804.00klb	4.0m	203.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	295.0
2	302.0
3	225.0
4	254.0
5	236.0
6	243.0
7	313.0
8	309.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	m3		568
Fresh Water	m3		297
Drill Water	m3		455

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			En-route Ocean Patriot	

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1240 / 1254	14 / 12	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 28
BASKER - 2

02 Sep 2005

From: R.King
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	2,741.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,739.5m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	77.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$353,876
Rig	OCEAN PATRIOT	Days from spud	19.50	Shoe MDBRT	1,000.1m	Cum Cost	$12,064,780
Wtr Dpth(MSL)	155.5m	Days on well	27.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Bit at surface. Changing bit and BHA, re-aligning angle on motor for improved directional control.
Planned Op	Change bit, modify BHA and re-align motor. RIH and drill ahead 12.25" hole to casing point.

Summary of Period 0000 to 2400 Hrs

Drilled ahead directionally from 2664 mMDRT to 2741m rotate and slide as required. Pulled out of hole from 2741 mMDRT to change the bit, reconfigure the BHA and increase the angle on the bent sub of the motor for improved directional control.

Operations For Period 0000 Hrs to 2400 Hrs on 02 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	RW	0000	0030	0.50	2,665.0m	Continued to wipe and backream stand, from 2665m to 2642m. Hole cleaned up, off bottom rotary torque 5000ft/lbs.
IH	P	DA	0030	0130	1.00	2,671.0m	Rotary drill 12 1/4" hole from 2665m to 2671m
IH	P	DM	0130	0230	1.00	2,671.0m	Attempt to slide drill 12 1/4" hole @ 2671m, unsuccessful.
IH	P	DA	0230	0300	0.50	2,675.0m	Rotary drill 12 1/4" hole from 2671m to 2675m
IH	P	DM	0300	0730	4.50	2,697.0m	Slide drill 12 1/4" hole from 2675m to 2697m
IH	P	DA	0730	0800	0.50	2,701.0m	Rotary drill 12 1/4" hole from 2697m to 2701m
IH	P	DM	0800	1900	11.00	2,741.0m	Slide drill 12 1/4" hole from 2701m to 2741m
IH	P	CHC	1900	1930	0.50	2,741.0m	Circulate and boost riser
IH	P	TO	1930	2400	4.50	2,741.0m	Flow check , pump slug and pull out of hole from 2741m to 1207m. Hole in good condition, no hole drag noted.

Operations For Period 0000 Hrs to 0600 Hrs on 03 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	TO	0000	0230	2.50	2,741.0m	Flow check 15 min @ shoe, Pull out of hole from 1207m to 202m
IH	P	TO	0230	0400	1.50	2,741.0m	Flow check @ BOP'S and pull out with 12 1/4" BHA, break out bit and plug into MWD to enable a download while racked in derrick.
IH	P	HT	0400	0600	2.00	2,741.0m	(IN PROGRESS) Make up deepsea express cement head and rack back same. Make up 9 5/8" Hanger and CHSART, install wiper plugs and rack back same.

Phase Data to 2400hrs, 02 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	4	19 Aug 2005	19 Aug 2005	319.50	13.312	1,006.0m
INTERMEDIATE HOLE(IH)	348	19 Aug 2005	02 Sep 2005	667.50	27.812	2,741.0m

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WBM Data

Cost Today $ 6110

Mud Type:	PHPA	API FL:	4.2cc/30min	Cl:	41000mg/l	Solids(%vol):	10%	Viscosity	79sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	3%	H2O:	90%	PV	20cp
Time:	15.00	HTHP-FL:	11.0cc/30min	Hard/Ca:	480mg/l	Oil(%):		YP	43lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	13
Temp:	54C°			PM:	0.6	pH:	8.7	Gels 10m	18
				PF:	0.1	PHPA:	1ppb	Fann 003	11
								Fann 006	15
								Fann 100	40
								Fann 200	53
								Fann 300	63
								Fann 600	83

Comment: Cumulative, $ 276,999.79

HPHT, 9.6cc @ 82C.

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437X	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	SMITH BITS	WOB(avg)		No.	Size	Progress	77.0m	Cum. Progress	245.0m
Type:	Rock	RPM(avg)		1	20/32nd"	On Bottom Hrs	12.5h	Cum. On Btm Hrs	36.0h
Serial No.:	NR6231	F.Rate		1	20/32nd"	IADC Drill Hrs	18.5h	Cum IADC Drill Hrs	42.5h
Bit Model	GFS10BVCPS	SPP		1	20/32nd"	Total Revs	326	Cum Total Revs	611
Depth In	2,497.0m	HSI		1	20/32nd"	ROP(avg)	6.16 m/hr	ROP(avg)	6.81 m/hr
Depth Out		TFA	1.23						

Bit Comment

BHA # 5

Weight(Wet)	50,000.00klb	Length	202.5m	Torque(max)	7000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	26,000.00klb	String		Torque(Off.Btm)	6000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	310.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.250in		MR6231	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
Pony DC	3.58m	8.000in	3.000in	DA8014	
Stab	2.19m	11.500in	2.875in	47570	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2643.41	6.5	190.1	2642.88	-21.3	23.4	-10.2	2.7	MWD
2671.36	7.3	185.3	2670.63	-18.0	20.1	-10.7	1.1	MWD
2700.45	9.3	184.7	2699.42	-13.8	15.9	-11.0	2.1	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				174.3

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Bentonite Bulk	MT				95.1
Diesel	m3		20.9		835.1
Fresh Water	m3	35	26.7		686.4
Drill Water	m3		24.1		999.8
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	OILWELL	6.000	10.00	97	106	3500	10.80
3	NATIONAL	6.000	10.00	97	103	3500	10.50

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD	LOT / FIT	Csg Shoe MD	Cementing
9 5/8"	/		
30 "	/	209.00m	
13 3/8"	/	1,000.00m	

Personnel On Board

Company	Pax	Comment
DOGC	43	All Diamond Personnel
DOGC	4	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline Personnel
WEATHERFORD AUSTRALIA PTY LTD	6	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=3, Deck=7,Tech=1	
STOP Card		0 Days	6x corrective, 5x positive	

Shakers, Volumes and Losses Data

Available	**2,759.0bbl**	**Losses**	**215.0bbl**
Active	539.0bbl	Downhole	
Hole	1,373.0bbl	Shakers & Equip.	100.0bbl
Slug		Dumped	
Reserve	272.0bbl	Centrifuges	
Brine	350.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4x180	0
Shaker 2	VSM100	4x165	24
Shaker 3	VSM100	4x165	24
Shaker 4	VSM100	2x180,2x16	24

Marine

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Weather on 02 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	9kn	68.0deg	1,022.0mbar	11C°	0.5m	90.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,838.00klb	1.5m	90.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	243.0
2	256.0
3	236.0
4	269.0
5	280.0
6	273.0
7	295.0
8	295.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	m3		557.2
Fresh Water	m3		295
Drill Water	m3		425

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	m3		535.5
Fresh Water	m3		237
Drill Water	m3		673

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1043 / 1046	8 / 1	
2	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1304 / 1312	8 / 7	

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DRILLING MORNING REPORT # 29

03 Sep 2005 **From:** R.King/S.Rodda
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,741.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,739.5m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$367,554
Rig	OCEAN PATRIOT	Days from spud	20.50	Shoe MDBRT	1,000.1m	Cum Cost	$12,432,334
Wtr Dpth(MSL)	155.5m	Days on well	28.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Running in hole.
Planned Op	RIH to drill ahead 12.25" hole from 2741 mMDRT.

Summary of Period 0000 to 2400 Hrs

POOH from 1207m. Rigged up Schlumberger wireline and ran VSI-4-GR from 2500 mMDRT up to 234 mMDRT. Rigged down wireline and picked up BHA. RIH to 512m and shallow test LWD at 800gpm and continue RIH.

Operations For Period 0000 Hrs to 2400 Hrs on 03 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	TO	0000	0230	2.50	2,741.0m	Flow check 15 min @ shoe, Pull out of hole from 1207m to 202m
IH	P	TO	0230	0400	1.50	2,741.0m	Flow check @ BOP'S and pull out with 12 1/4" BHA, break out bit and plug into MWD to enable a download while racked in derrick.
IH	P	HT	0400	0630	2.50	2,741.0m	Make up deepsea express cement head and rack back same. Make up 9 5/8" Hanger and CHSART, install wiper plugs and rack back same.
E1	P	LOG	0630	0800	1.50	2,741.0m	Hold pre job safety meeting and rigged up wireline and compensator line.
E1	P	LOG	0800	1800	10.00	2,741.0m	Made up and run log #1 V.S.P. to 2500m, hole good. Shot 5 shots per level from 2500m to 1700m. Performed check shots from 1700m to 234m at 3 shots per level. Pulled out of hole with wireline.
E1	P	LOG	1800	1900	1.00	2,741.0m	Laid down VSP toolstring and rigged down wireline.
IH	P	TI	1900	1930	0.50	2,741.0m	Pick up DHM and MWD stand from derrick. Initialise MWD.
IH	P	TI	1930	2200	2.50	2,741.0m	Made up new bit, change down hole motor housing to 1.5 degrees, orientate same to MWD.(Laid down pony DC and 11 3/4" stab)
IH	P	TI	2200	2400	2.00	2,741.0m	Continued to run in hole to 512m and shallow test MWD @ 800GPM - good test.

Operations For Period 0000 Hrs to 0600 Hrs on 04 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	TI	0000	0100	1.00	2,741.0m	Run in hole with 12 1/4" directional BHA from 512m to 1000m
IH	P	TI	0100	0130	0.50	2,741.0m	Service TDS and travelling blocks.
IH	P	TI	0130	0600	4.50	2,741.0m	(IN PROGRESS) Continue to run in hole with 12 1/4" directional BHA from 1000m to 2628m, hole good. 30,000lbs of drag from 2350m to 2628m, wipe clear each stand.

Phase Data to 2400hrs, 03 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
INTERMEDIATE HOLE(IH)	359.5	19 Aug 2005	03 Sep 2005	675.00	28.125	2,741.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	691.50	28.812	2,741.0m

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WBM Data

Cost Today $ 0

Mud Type:	PHPA	API FL:	4.2cc/30min	Cl:	39000mg/l	Solids(%vol):	10%	Viscosity	77sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	3%	H2O:	90%	PV	19cp
Time:	21.00	HTHP-FL:	14.0cc/30min	Hard/Ca:	400mg/l	Oil(%):		YP	40lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	4.5	Sand:		Gels 10s	11
Temp:				PM:	0.1	pH:	8.8	Gels 10m	14
				PF:	0.1	PHPA:	1ppb	Fann 003	10
								Fann 006	13
								Fann 100	39
								Fann 200	51
								Fann 300	59
								Fann 600	78

Comment: Cumulative, 276,999.79

Bit # 4

Wear	I	O1	D	L	B	G	O2	R
	4	4	WT	G	E	2	BT	BHA

Bitwear Comments:

Size ("):	12.250in	IADC#	437X
Mfr:	SMITH BITS	WOB(avg)	
Type:	Rock	RPM(avg)	
Serial No.:	NR6231	F.Rate	
Bit Model	GFS10BVCPS	SPP	
Depth In	2,497.0m	HSI	
Depth Out	2,741.0m	TFA	1.23

Nozzles

No.	Size
1	20/32nd"
1	20/32nd"
1	20/32nd"
1	20/32nd"

Drilled over last 24 hrs

Progress	
On Bottom Hrs	
IADC Drill Hrs	
Total Revs	
ROP(avg)	N/A

Calculated over Bit Run

Cum. Progress	245.0m
Cum. On Btm Hrs	36.0h
Cum IADC Drill Hrs	42.5h
Cum Total Revs	611
ROP(avg)	6.81 m/hr

Bit Comment

Bit # 5

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437
Mfr:	HUGHES CHRISTENSEN	WOB(avg)	
Type:	Rock	RPM(avg)	
Serial No.:	6029759	F.Rate	
Bit Model	MXCO9H	SPP	
Depth In	2,741.0m	HSI	
Depth Out		TFA	1.17

Nozzles

No.	Size
1	20/32nd"
1	18/32nd"
1	20/32nd"
1	20/32nd"

Drilled over last 24 hrs

Progress	
On Bottom Hrs	
IADC Drill Hrs	
Total Revs	
ROP(avg)	N/A

Calculated over Bit Run

Cum. Progress	0.0m
Cum. On Btm Hrs	0.0h
Cum IADC Drill Hrs	0.0h
Cum Total Revs	0
ROP(avg)	0.00 m/hr

Bit Comment

BHA # 5

Weight(Wet)	50,000.00klb	Length	202.5m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	26,000.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.250in		MR6231	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
Pony DC	3.58m	8.000in	3.000in	DA8014	
Stab	2.19m	11.500in	2.875in	47570	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	

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Equipment	Length	OD	ID	Serial #	Comment
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

BHA # 6

Weight(Wet)	48.00klb	Length	196.7m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	24.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description	12 1/4" Directiional BHA
BHA Run Comment	PDM has 1.5 degrees on housing.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33m	12.250in		6029759	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		7.64		166.7
Bentonite Bulk	MT				95.1
Diesel	m3		15.4		819.7
Fresh Water	m3	24.3	27		683.7
Drill Water	m3		46.6		953.2
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Casing

OD	LOT / FIT	Csg Shoe MD	Cementing
9 5/8"	/		
30 "	/	209.00m	
13 3/8"	/	1,000.00m	

Personnel On Board

Company	Pax	Comment
DOGC	43	All Diamond Personnel
DOGC	4	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline Personnel
WEATHERFORD AUSTRALIA PTY LTD	6	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	93	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=7, Deck=5,Tech=2	
STOP Card		0 Days	6x corrective, 1x positive	

Shakers, Volumes and Losses Data

Available	**2,739.0bbl**	**Losses**	**20.0bbl**
Active	389.0bbl	Downhole	
Hole	1,435.0bbl	Shakers & Equip.	20.0bbl
Slug		Dumped	
Reserve	280.0bbl	Centrifuges	
Brine	280.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4x180	0
Shaker 2	VSM100	4x165	0
Shaker 3	VSM100	4x165	0
Shaker 4	VSM100	2x180,2x16	0

Marine

Weather on 03 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	248.0deg	1,015.0mbar	13C°	1.5m	270.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		5,038.00klb	1.0m	270.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	240.0
2	251.0
3	227.0
4	265.0
5	271.0
6	273.0
7	298.0
8	295.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Wrangler			En-route Melbourne	**Item**	**Unit**	**Used**	**Quantity**
Pacific Sentinel			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**

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DRILLING MORNING REPORT # 30

04 Sep 2005 **From:** R.King/S.Rodda
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,845.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,838.9m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	104.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$308,965
Rig	OCEAN PATRIOT	Days from spud	21.50	Shoe MDBRT	1,000.1m	Cum Cost	$12,741,299
Wtr Dpth(MSL)	155.5m	Days on well	29.81	FIT/LOT:	0.00ppg / 12.49ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Drilling ahead 12.25" hole at 2872m. Sliding and rotating as required for directional control.
Planned Op	Drill ahead through Ma2 Dolomitic Sandstone Marker to casing point. CBU and POOH to run 9 5/8" casing.

Summary of Period 0000 to 2400 Hrs

RIH to bottom and started drilling ahead in 12.25" hole from 2741 mMDRT. Average ROP = 5-10 m/hr.

Operations For Period 0000 Hrs to 2400 Hrs on 04 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	TI	0000	0100	1.00	2,741.0m	Run in hole with 12 1/4" directional BHA from 512m to 1000m
IH	P	TI	0100	0130	0.50	2,741.0m	Service TDS and travelling blocks.
IH	P	TI	0130	0700	5.50	2,741.0m	Continue to run in hole with 12 1/4" directional BHA from 1000m to 2628m, hole good. 30,000lbs of drag from 2350m to 2628m, wipe clear each stand.
IH	P	WIN	0700	0830	1.50	2,741.0m	Excessive hole drag, unable to wipe clean, wash and ream from 2628m to 2741m
IH	P	DM	0830	0900	0.50	2,745.0m	Orientate tool face and slide drill 12 1/4" hole from 2741m to 2745m
IH	P	OA	0900	0930	0.50	2,745.0m	Cycle mud pumps to change the MWD mode, to enhance tool face acquisition.
IH	P	DM	0930	1000	0.50	2,750.0m	Slide drill 12 1/4" hole from 2745m to 2750m
IH	P	DA	1000	1030	0.50	2,752.0m	Rotary drill 12 1/4" hole from 2750m to 2752m
IH	P	DM	1030	1300	2.50	2,770.0m	Slide drill 12 1/4" hole from 2752m to 2770m
IH	P	DA	1300	1430	1.50	2,794.0m	Rotary drill 12 1/4" hole from 2770m to 2794m
IH	P	DM	1430	1800	3.50	2,806.0m	Slide drill 12 1/4" hole from 2794m to 2806m
IH	P	DA	1800	1830	0.50	2,818.0m	Rotary drill 12 1/4" hole from 2806m to 2818m
IH	P	DM	1830	2130	3.00	2,835.0m	Slide drill 12 1/4" hole from 2818m to 2835m
IH	P	DA	2130	2200	0.50	2,837.0m	Rotary drill 12 1/4" hole from 2835m to 2837m
IH	P	DM	2200	2400	2.00	2,845.0m	Slide drill 12 1/4" hole from2837m to 2845m

Operations For Period 0000 Hrs to 0600 Hrs on 05 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0500	5.00	2,864.0m	Slide drill 12 1/4" hole from 2845m to 2864m
IH	P	DA	0500	0530	0.50	2,866.0m	Rotary drill 12 1/4" hole from 2864m to 2866m
IH	P	DM	0530	0600	0.50	2,872.0m	Slide drill 12 1/4" hole from 2866m to 2872m

Phase Data to 2400hrs, 04 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	21.5	19 Aug 2005	03 Sep 2005	337.00	14.042	2,741.0m
INTERMEDIATE HOLE(IH)	378.5	19 Aug 2005	04 Sep 2005	715.50	29.812	2,845.0m

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WBM Data

Cost Today $ 11770

Mud Type:	PHPA	API FL:	4.2cc/30min	Cl:	38000mg/l	Solids(%vol):	10%	Viscosity	65sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	3%	H2O:	90%	PV	19cp
Time:	22.00	HTHP-FL:	14.0cc/30min	Hard/Ca:	360mg/l	Oil(%):		YP	45lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	12
Temp:	54C°			PM:	0.3	pH:	8.8	Gels 10m	18
				PF:	0.1	PHPA:	1ppb	Fann 003	12
								Fann 006	15
								Fann 100	43
								Fann 200	55
								Fann 300	64
								Fann 600	83

Comment: Cumulative, $ 288,769.40 HPHT FL/Temp, 9.8 @ 82C

Bit # 5

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	HUGHES CHRISTENSEN	WOB(avg)		No.	Size	Progress	104.0m	Cum. Progress	104.0m
Type:	Rock	RPM(avg)		1	20/32nd"	On Bottom Hrs	11.9h	Cum. On Btm Hrs	11.9h
Serial No.:	6029759	F.Rate		1	18/32nd"	IADC Drill Hrs	15.0h	Cum IADC Drill Hrs	15.0h
Bit Model	MXCO9H	SPP		1	20/32nd"	Total Revs	115	Cum Total Revs	115
Depth In	2,741.0m	HSI		1	20/32nd"	ROP(avg)	8.74 m/hr	ROP(avg)	8.74 m/hr
Depth Out		TFA	1.17						

Bit Comment

BHA # 6

Weight(Wet)	48.00klb	Length	196.7m	Torque(max)	5000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	24.00klb	String		Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	320.00klb	Torque(On.Btm)	5000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	310.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: 12 1/4" Directiional BHA

BHA Run Comment: PDM has 1.5 degrees on housing.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33m	12.250in		6029759	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2728.71	10.9	181.9	2727.24	-8.9	11.0	-11.3	1.8	MWD
2757.90	13.9	178.3	2755.75	-2.7	4.7	-11.3	3.2	MWD
2786.38	15.4	181.0	2783.30	4.4	-2.5	-11.3	1.7	MWD
2814.75	17.0	182.0	2810.55	12.2	-10.4	-11.5	1.7	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		7.64		159.1
Bentonite Bulk	MT				95.1

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Diesel	m3		18.4		801.3
Fresh Water	m3	29	26.2		686.5
Drill Water	m3		52.1		901.1
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	OILWELL	6.000	10.00	97	107	3750	10.88
3	NATIONAL	6.000	10.00	97	105	3750	10.67

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
2778.0	30	425	3.00	40	500	4.00	50	600	5.00
2778.0	30	425	3.00	40	500	4.00	50	590	5.00

Casing

OD	LOT / FIT	Csg Shoe MD	Cementing
9 5/8"	/		
30 "	/	209.00m	
13 3/8"	/	1,000.00m	

Personnel On Board

Company	Pax	Comment
DOGC	43	All Diamond Personnel
DOGC	4	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	5	MWD Personnel
WEATHERFORD AUSTRALIA PTY LTD	6	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers
Total	87	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=3, Deck=6, Tech=3	
STOP Card		0 Days	4x corrective, 8x positive	

Shakers, Volumes and Losses Data

Available	**2,903.0bbl**	**Losses**	**144.0bbl**
Active	433.0bbl	Downhole	
Hole	1,429.0bbl	Shakers & Equip.	114.0bbl
Slug		Dumped	30.0bbl
Reserve	209.0bbl	Centrifuges	
Brine	450.0bbl		

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4X180	17
Shaker 2	VSM100	4X180	17
Shaker 3	VSM100	4X180	17
Shaker 4	VSM100	4X180	17

Marine

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Weather on 04 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	225.0deg	1,015.0mbar	16C°	1.0m	167.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,782.00klb	1.5m	167.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	245.0
2	251.0
3	238.0
4	284.0
5	284.0
6	280.0
7	302.0
8	298.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Stand-by Melbourne	
Pacific Sentinel			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	m3		520.7
Fresh Water	m3		230
Drill Water	m3		673

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1308 / 1333	0 / 6	

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DRILLING MORNING REPORT # 31

05 Sep 2005 **From:** R.King/S.Rodda
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,956.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,938.8m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	111.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$346,909
Rig	OCEAN PATRIOT	Days from spud	22.50	Shoe MDBRT	1,000.1m	Cum Cost	$13,088,208
Wtr Dpth(MSL)	155.5m	Days on well	30.81	FIT/LOT:	0.00ppg / 14.17ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	POOH to run 9 5/8" casing.
Planned Op	Pull out of hole and rig up to run 9 5/8" casing. Run and cement 9 5/8" casing.

Summary of Period 0000 to 2400 Hrs

Drilled ahead to 12.25" hole section TD at 2956 mMDRT. CBU. Started to POOH to run 9 5/8" casing.

Operations For Period 0000 Hrs to 2400 Hrs on 05 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DM	0000	0500	5.00	2,864.0m	Slide drill 12 1/4" hole from 2845m to 2864m
IH	P	DA	0500	0530	0.50	2,866.0m	Rotary drill 12 1/4" hole from 2864m to 2866m
IH	P	DM	0530	1000	4.50	2,892.0m	Slide drill 12 1/4" hole from 2866m to 2892m
IH	P	DA	1000	1030	0.50	2,894.0m	Rotary drill 12 1/4" hole from 2892m to 2894m
IH	P	DM	1030	1130	1.00	2,905.0m	Slide drill 12 1/4" hole from 2894m to 2905m
IH	P	DA	1130	1800	6.50	2,953.0m	Rotary drill 12 1/4" hole from 2905m to 2953m
IH	P	DM	1800	1900	1.00	2,956.0m	Slide drill 12 1/4" hole from 2953m to 2956m L.A.T. - 12 1/4" hole section TD.
IH	P	CHC	1900	2100	2.00	2,956.0m	Circulate shakers clean and flow check.
IC	P	TO	2100	2400	3.00	2,956.0m	Pull out of hole from 2956m to 2349m. Hole condition good.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	TO	0000	0600	6.00	2,956.0m	Pull out 12 1/4" BHA from 2349m. Flow check at shoe and prior pulling HWDP through BOP. S.L.M.

Phase Data to 2400hrs, 05 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	3	05 Sep 2005	05 Sep 2005	739.50	30.812	2,956.0m

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WBM Data

Cost Today $ 362

Mud Type:	PHPA	API FL:	4.5cc/30min	Cl:	39000mg/l	Solids(%vol):	10%	Viscosity	63sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	3%	H2O:	90%	PV	18cp
Time:	18.30	HTHP-FL:	14.0cc/30min	Hard/Ca:	320mg/l	Oil(%):		YP	47lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	14
Temp:	63C°			PM:	0.2	pH:	8.2	Gels 10m	21
				PF:	0.05	PHPA:	1ppb	Fann 003	12
								Fann 006	16
								Fann 100	44
								Fann 200	57
								Fann 300	65
								Fann 600	83

Comment: Cumulative, $ 289,131.04 HPHT FL/Temp,10.4 @ 82C

Bit # 5

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	437	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	HUGHES CHRISTENSEN	WOB(avg)		No.	Size	Progress	111.0m	Cum. Progress	215.0m
Type:	Rock	RPM(avg)		1	18/32nd"	On Bottom Hrs	12.9h	Cum. On Btm Hrs	24.8h
Serial No.:	6029759	F.Rate		1	20/32nd"	IADC Drill Hrs	19.0h	Cum IADC Drill Hrs	34.0h
Bit Model	MXCO9H	SPP		1	20/32nd"	Total Revs	140	Cum Total Revs	255
Depth In	2,741.0m	HSI		1	20/32nd"	ROP(avg)	8.60 m/hr	ROP(avg)	8.67 m/hr
Depth Out		TFA	1.17						

Bit Comment

BHA # 6

Weight(Wet)	38.00klb	Length	196.7m	Torque(max)	5000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	19.00klb	String		Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	320.00klb	Torque(On.Btm)	5000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	310.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: 12 1/4" Directiional BHA

BHA Run Comment: PDM has 1.5 degrees on housing.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33m	12.250in		6029759	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2844.32	19.6	181.1	2838.62	21.4	-19.6	-11.7	2.6	MWD
2872.38	24.4	182.4	2864.64	31.0	-30.1	-12.0	5.2	MWD
2901.45	28.4	180.3	2890.67	44.5	-43.0	-12.3	4.2	MWD
2930.71	28.9	180.3	2916.36	58.4	-57.1	-12.4	0.5	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		1.01	7.62	165.7
Bentonite Bulk	MT				95.1

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Diesel	m3		16.8		784.5
Fresh Water	m3	36	26.3	24.5	720.7
Drill Water	m3		45.8	-49.3	806.0
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	OILWELL	6.000	10.00	97	107	3750	10.88
3	NATIONAL	6.000	10.00	97	103	3750	10.40

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
2921.0	30	440	3.00	40	510	4.00	50	600	5.00

Casing

OD	Csg Shoe MD	Csg Shoe TVD	Csg hang-off depth
9 5/8"			
30 "	209.00m	1,000.10m	
13 3/8"	1,000.00m		

Personnel On Board

Company	Pax	Comment
DOGC	43	All Diamond Personnel
DOGC	4	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
WEATHERFORD AUSTRALIA PTY LTD	6	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	87	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=3, Deck=5,Tech=3	
STOP Card		0 Days	12x corrective, 5x positive	

Shakers, Volumes and Losses Data

Available	**2,817.0bbl**
Active	529.0bbl
Hole	1,526.0bbl
Slug	
Reserve	78.0bbl
Brine	450.0bbl

Losses	**98.0bbl**
Downhole	
Shakers & Equip.	70.0bbl
Dumped	28.0bbl
Centrifuges	

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4X180	22
Shaker 2	VSM100	4X180	22
Shaker 3	VSM100	4X180	22
Shaker 4	VSM100	4X180	22

Marine

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Weather on 05 Sep 2005							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	270.0deg	1,018.0mbar	15C°	1.0m	167.0deg	6s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
253.0deg		4,768.00klb	1.5m	167.0deg	7s		
Comments							

Rig Support	
Anchors	Tension (klb)
1	245.0
2	251.0
3	238.0
4	284.0
5	284.0
6	280.0
7	302.0
8	298.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Wrangler			En-route Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**
Pacific Sentinel			Stand-by Ocean Patriot	**Item**	**Unit**	**Used**	**Quantity**

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Printed on 06 Sep 2005

Anzon Australia LIMITED

DRILLING MORNING REPORT # 32

06 Sep 2005 **From:** R.King/S.Rodda
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,956.0m	Cur. Hole Size	12.250in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,938.8m	Last Casing OD	13.375in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	111.0m	Shoe TVDBRT	1,000.1m	Daily Cost	$651,141
Rig	OCEAN PATRIOT	Days from spud	23.50	Shoe MDBRT	1,000.1m	Cum Cost	$13,739,349
Wtr Dpth(MSL)	155.5m	Days on well	31.81	FIT/LOT:	0.00ppg / 14.17ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Running in 9 5/8" casing on landing string.
Planned Op	Run 9 5/8" casing and cement.

Summary of Period 0000 to 2400 Hrs

POOH. Rigged up to run 9 5/8" casing. Run 9 5/8" casing.

Operations For Period 0000 Hrs to 2400 Hrs on 06 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	TO	0000	0600	6.00	2,956.0m	Pull out 12 1/4" BHA from 2349m. Flow check at shoe and prior pulling HWDP through BOP. S.L.M.=.22m longer.
IC	P	TO	0600	0730	1.50	2,956.0m	Pull out 12 1/4" BHA and rack back same. Drift HWDP for landing string.
IC	P	TO	0730	0800	0.50	2,956.0m	Down load MWD and break off bit.
IC	P	TI	0800	0900	1.00	2,956.0m	Made up jetting sub and wear bushing running tool and run in hole to 172m
IC	P	TOT	0900	0930	0.50	2,956.0m	Jet wear bushing on trip in, latch into wearbushing and recover same. Wash wellhead and BOP.
IC	P	TO	0930	1030	1.00	2,956.0m	Pull out with wear bushing and lay down same. No excessive wear marks recorded on bushing.
IC	P	RRC	1030	1200	1.50	2,956.0m	Hold pre job safety meeting and rig up to pick up shoe track. Install flush mounted slips .
IC	P	CRN	1200	1300	1.00	2,956.0m	Pick up shoe track. Check float and shoe for correct operation. Thread lock all shoe track connections.
IC	P	RRC	1300	1400	1.00	2,956.0m	Rig up 500T bails and elevators. Install and function Tam packer.
IC	P	CRN	1400	2400	10.00	2,956.0m	Hold pre job safety meeting and run 9 5/8" casing to 1680m, 131 jnts.

Operations For Period 0000 Hrs to 0600 Hrs on 07 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CRN	0000	0500	5.00	2,956.0m	Run 9 5/8" casing from 1680m to 2764m
IC	P	CRN	0500	0600	1.00	2,956.0m	Rig down 500T elevators and Tam packer, rig up 5" elevators.

Phase Data to 2400hrs, 06 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	27	05 Sep 2005	06 Sep 2005	763.50	31.812	2,956.0m

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Printed on 07 Sep 2005

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WBM Data

Mud Type:	PHPA	API FL:	4.6cc/30min	Cl:	40000mg/l	Solids(%vol):	10%	Viscosity	69sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	90%	PV	14cp
Time:	03.00	HTHP-FL:	14.0cc/30min	Hard/Ca:	360mg/l	Oil(%):		YP	40lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	13
Temp:				PM:	0.1	pH:	8.4	Gels 10m	19
				PF:	0.1	PHPA:	1ppb	Fann 003	12
								Fann 006	14
								Fann 100	37
								Fann 200	49
								Fann 300	59
								Fann 600	78

Comment: Cumulative, $ 289,131.04

Cost Today

Bit # 5

Wear	I	O1	D	L	B	G	O2	R
	3	4	WT	A	E	1	BT	TD

Bitwear Comments:

Size ("):	12.250in	IADC#	437
Mfr:	Not Found	WOB(avg)	
Type:	Rock	RPM(avg)	
Serial No.:	6029759	F.Rate	
Bit Model	MXCO9H	SPP	
Depth In	2,741.0m	HSI	
Depth Out	2,956.0m	TFA	1.17

Nozzles

No.	Size
1	20/32nd"
1	20/32nd"
1	20/32nd"
1	18/32nd"

Drilled over last 24 hrs

Progress	111.0m
On Bottom Hrs	12.9h
IADC Drill Hrs	19.0h
Total Revs	140
ROP(avg)	8.60 m/hr

Calculated over Bit Run

Cum. Progress	326.0m
Cum. On Btm Hrs	37.7h
Cum IADC Drill Hrs	53.0h
Cum Total Revs	395
ROP(avg)	8.65 m/hr

Bit Comment

BHA # 6

Weight(Wet)	48.00klb	Length	196.7m	Torque(max)		D.C. (1) Ann Velocity	
Wt Below Jar(Wet)	24.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	
		Slack-Off				D.P. Ann Velocity	

BHA Run Description: 12 1/4" Directiional BHA

BHA Run Comment: PDM has 1.5 degrees on housing.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33m	12.250in		6029759	
Down Hole Motor	8.50m	9.625in	3.000in	963271	
X/O	1.03m	8.000in	3.000in	AS99	
MWD	12.97m	8.000in	2.875in		
Stab	2.22m	11.750in	2.875in	47568	
Drill Collar	17.64m	8.000in	3.000in		
Drilling Jars	9.68m	8.062in	3.000in	MHA00206	
Pony DC	5.02m	8.062in	2.875in	SBD2374	
X/O	1.17m	6.875in	2.875in	MSO1724	
HWDP	138.16m				

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				165.7
Bentonite Bulk	MT				95.1
Diesel	m3		17.7		766.8
Fresh Water	m3	31	24.1		727.6
Drill Water	m3				806.0
Cement G	MT				172.3
Cement HT (Silica)	MT				49.2

Casing

OD	Csg Shoe MD	Csg Shoe TVD	Csg Hang-off Depth	LOT/FIT
9 5/8"				

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Casing

OD	Csg Shoe MD	Csg Shoe TVD	Csg Hang-off Depth	LOT/FIT
30 "	209.00m	209.00m	174.50m	
13 3/8"	1,000.10m	1,000.10m	173.53m	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
DOGC	3	Diamond 3rd party Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	9	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
WEATHERFORD AUSTRALIA PTY LTD	6	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	88	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA		0 Days	Drill=4, Deck=8,Tech=5	
STOP Card		0 Days	6x corrective, 5x positive	

Shakers, Volumes and Losses Data

Available	**3,101.0bbl**	**Losses**	**46.0bbl**
Active	534.0bbl	Downhole	
Hole	1,515.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	
Reserve	360.0bbl	Centrifuges	
Brine	450.0bbl		46.0bbl

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4X180	
Shaker 2	VSM100	4X180	
Shaker 3	VSM100	4X180	
Shaker 4	VSM100	4X180	

Marine

Weather on 06 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	270.0deg	1,020.0mbar	15C°	1.0m	270.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,878.00klb	0.5m	270.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	254.0
2	262.0
3	243.0
4	295.0
5	273.0
6	278.0
7	302.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Item	Unit	Used	Quantity
Diesel	m3		706.3
Fresh Water	m3		336
Drill Water	m3		450

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			En-route Melbourne

Item	Unit	Used	Quantity
Diesel	m3		500.6
Fresh Water	m3		225
Drill Water	m3		673

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment

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Helicopter Movement				
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1028 / 1050	12 / 11	

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DRILLING MORNING REPORT # 33

07 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	2,956.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	2,938.8m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$587,690
Rig	OCEAN PATRIOT	Days from spud	24.50	Shoe MDBRT	2,945.0m	Cum Cost	$14,327,039
Wtr Dpth(MSL)	155.5m	Days on well	32.81	FIT/LOT:	0.00ppg / 14.17ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Picking up extra 5" DP to reach TD
Planned Op	Complete picking up 8 1/2" BHA. RIH and perform FIT before drilling ahead in 8 1/2" hole to TD.

Summary of Period 0000 to 2400 Hrs

Ran and landed 9 5/8" casing. Cemented 9 5/8" casing and pressure tested. Ran wear-bushing. Function tested BOP. Laid out 12 1/4" BHA. Began picking up new 8 1/2" BHA.

Operations For Period 0000 Hrs to 2400 Hrs on 07 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IC	P	CRN	0000	0500	5.00	2,956.0m	Ran 9 5/8" casing from 1680m to 2764m
IC	P	CRN	0500	0600	1.00	2,956.0m	Rigged down 500T elevators and Tam packer, rigged up 5" elevators. Made up 9 5/8" hanger
IC	P	CRN	0600	0730	1.50	2,956.0m	Continued RIH with 9 5/8" casing on 5" HWDP landing string Washed down last stand of HWDP.
IC	P	CRN	0730	0800	0.50	2,956.0m	Landed hanger in 18 3/4" wellhead. Made up cementing hose to DeepSea Express cement head
IC	P	CIC	0800	0930	1.50	2,956.0m	Circulated 1 x casing volume at 100 SPM
IC	P	CMC	0930	1300	3.50	2,956.0m	Held PJSM. Cemented casing with 266 bbls of 15.8 ppg HT cement Displaced with cement unit to shear out top dart. Changed over to rig pumps and displaced cement. Bumped plug with 2400 psi and full returns
IC	P	CMC	1300	1330	0.50	2,956.0m	Switched over to Dowell. Pressure tested casing to 4500 psi for 15 mins - OK Released pressure, floats held Rigged down cement lines
IC	P	PT	1330	1430	1.00	2,956.0m	Set seal assy on 9 5/8" hanger. Took 20K overpull to check. Tested seal assy against middle4 pipe rams to 1000 / 5000 psi for 5 / 10 mins - OK
IC	P	TO	1430	1700	2.50	2,956.0m	Released CHSART, pulled out of hole andf laid down. Picked up DeepSea Express cement head and broke down.
IC	P	TI	1700	1830	1.50	2,956.0m	Made up and set wear bushing into wellhead
IC	P	BOP	1830	1930	1.00	2,956.0m	Function tested BOP rams and annulars against wear bushing running string
IC	P	TO	1930	2030	1.00	2,956.0m	Pulled out of hole with wear bushing running tool
IC	P	HBHA	2030	2330	3.00	2,956.0m	Lay down excess 12 1/4" BHA from derrick
PH	P	HBHA	2330	2400	0.50	2,956.0m	Commenced picking up 8 1/2" BHA

Operations For Period 0000 Hrs to 0600 Hrs on 08 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	HBHA	0000	0200	2.00	2,956.0m	Continued to make up 8 1/2" BHA Tested operation of AGS with 400 gpm for 500 psi Set bend in mud motor to 0.93 deg
PH	TP (VE)	HBHA	0200	0230	0.50	2,956.0m	Attempted to upload MWD Problem with connection between joints of MWD Replaced connection between joints and tested - OK
PH	P	HBHA	0230	0300	0.50	2,956.0m	Uploaded MWD Oriented mud motor to MWD
PH	P	HBHA	0300	0500	2.00	2,956.0m	Continued to make up 8 1/2" BHA Shallow tested MWD at 220m with 600 GPM for 1900 psi - OK
PH	P	TI	0500	0600	1.00	2,956.0m	Picked up extra 3 joints of 5" HWDP and 18 jts of 5" DP while running in hole with 8 1/2"

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							BHA.

Phase Data to 2400hrs, 07 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	0.5	07 Sep 2005	07 Sep 2005	787.50	32.812	2,956.0m

WBM Data

Cost Today $ 0

Mud Type:	PHPA	API FL:	4.6cc/30min	Cl:	40000mg/l	Solids(%vol):	10%	Viscosity	69sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	90%	PV	19cp
Time:	03.00	HTHP-FL:	14.0cc/30min	Hard/Ca:	360mg/l	Oil(%):		YP	40lb/100ft²
Weight:	10.00ppg	HTHP-cake:	1/32nd"	MBT:	5	Sand:		Gels 10s	13
Temp:				PM:	0.1	pH:	8.4	Gels 10m	19
				PF:	0.1	PHPA:	1ppb	Fann 003	12
								Fann 006	14
								Fann 100	37
								Fann 200	49
								Fann 300	59
								Fann 600	78

Comment — Cumulative cost $ 289,131.04

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				165.7
Bentonite Bulk	MT				95.1
Diesel	m3		17.7		749.1
Fresh Water	m3	30	21.7		735.9
Drill Water	m3		168.6		637.4
Cement G	MT				172.3
Cement HT (Silica)	MT	75.55	57.23		67.5

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	1000.10	174.50		
13 3/8"	1000.00		173.53		
9 5/8"	2945.00	2928.87	173.82	173.20	13.10

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	9	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	3	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	5	MWD Personnel
WEATHERFORD AUSTRALIA PTY LTD	3	Casing crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead/Tree engineers

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Personnel On Board

HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	3	Directional Drillers
Total	88	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA	07 Sep 2005	0 Days	Drill=5, Deck=7, SSE=1, Welder=3	
STOP Card	07 Sep 2005	0 Days	8 x corrective, 10 x positive	

Shakers, Volumes and Losses Data

Available	**2,883.6bbl**	**Losses**	**497.0bbl**
Active	657.6bbl	Downhole	497.0bbl
Hole	883.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	
Reserve	1,343.0bbl	Centrifuges	
Brine			

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4X180	
Shaker 2	VSM100	4X180	
Shaker 3	VSM100	4X180	
Shaker 4	VSM100	4X180	

Marine

Weather on 07 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	0.0deg	1,016.0mbar	12C°	1.0m	0.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		5,056.20klb	0.5m	90.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	254.0
2	262.0
3	243.0
4	295.0
5	273.0
6	278.0
7	302.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			Stand-by Ocean Patriot

Item	Unit	Used	Quantity
Diesel	M3		695.3
Fresh Water	M3		334
Drill Water	M3		450
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		1000

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			En-route Melbourne

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1017 / 1026	3 / 6	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 34
BASKER - 2

08 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	3,119.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,080.7m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	163.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$553,491
Rig	OCEAN PATRIOT	Days from spud	25.50	Shoe MDBRT	2,945.0m	Cum Cost	$14,880,530
Wtr Dpth(MSL)	155.5m	Days on well	33.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD					
RT-ML	177.0m	Planned TD TVDRT					

Current Op @ 0600	Rotary drilling 8 1/2" hole at 3175mMDRT
Planned Op	Drill ahead through reservoir and into volcanics. Drill 67 m of rathole beneath top of volcanics to section TD. POOH and run wireline logs.

Summary of Period 0000 to 2400 Hrs

Completed making up 8 1/2" hole BHA. Shallow pulse tested FEWD tools. RIH and washed down to top of cement. Drilled out cement, wiper plugs, float collar, shoe track, float shoe and cleaned out rat hole and drilled 4m of new formation to 2960 mMDRT. Pulled bit into the shoe and performed FIT (13.0 ppg). Displaced to new 9.2 ppg mud on the fly while drilling ahead. Drilled ahead in 8 1/2" hole to 3119 mMDRT.

Operations For Period 0000 Hrs to 2400 Hrs on 08 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	HBHA	0000	0200	2.00	2,956.0m	Continued to make up 8 1/2" BHA Tested operation of AGS with 400 gpm for 500 psi Set bend in mud motor to 0.93 deg
PH	TP (VE)	HBHA	0200	0230	0.50	2,956.0m	Attempted to upload MWD Problem with connection between joints of MWD Replaced connection between joints and tested - OK
PH	P	HBHA	0230	0300	0.50	2,956.0m	Uploaded MWD Oriented mud motor to MWD
PH	P	HBHA	0300	0500	2.00	2,956.0m	Continued to make up 8 1/2" BHA Shallow tested MWD at 220m with 600 GPM for 1900 psi - OK
PH	P	TI	0500	0600	1.00	2,956.0m	Picked up extra 3 joints of 5" HWDP and 18 jts of 5" DP while running in hole with 8 1/2" BHA.
PH	P	TI	0600	1030	4.50	2,956.0m	Continued to run in hole with 5" DP from derrick to 2861m
PH	P	CMD	1030	1100	0.50	2,956.0m	Washed down from 2861 to top of cement plugs at 2918m
PH	P	DFS	1100	1500	4.00	2,959.0m	Drilled wiper plugs, float at 2920m, shoe track, casing shoe at 2945m. Cleaned out rathole and drilled 3m of new formation from 2956 - 2959m
PH	P	LOT	1500	1600	1.00	2,959.0m	Rigged up for and performed FIT with cement unit against annular. Pressured up to 1561 psi with 10 ppg mud for an EMW of 13.1 ppg
PH	P	DA	1600	1900	3.00	3,060.0m	Drilled 8 1/2" hole from 2959 - 3060m Displaced hole with 9.2 ppg PHPA while drilling ahead
PH	P	DM	1900	2230	3.50	3,079.0m	Slide drilled 8 1/2" hole from 3060 - 3079m in attempt to correct drop in angle and turn to left
PH	P	DA	2230	2400	1.50	3,119.0m	Resumed rotary drilling as problems maintaining toolface heading with slide drilling. Drilled from 3079 - 3119m

Operations For Period 0000 Hrs to 0600 Hrs on 09 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	0100	1.00	3,158.0m	Continued drilling 8 1/2" hole from 3119 - 3158m
PH	TP (HC)	CHC	0100	0130	0.50	3,158.0m	After connection, experienced abnormally high string torque and string drag up to 35K overpull. Worked pipe in attempt to clear high torque - negative
PH	TP (HC)	TOT	0130	0400	2.50	3,158.0m	Back reamed string out to shoe at 2945m in attempt to clear high torque
PH	TP (HC)	CHC	0400	0500	1.00	3,158.0m	Circulated bottoms up at shoe
PH	TP (HC)	TI	0500	0530	0.50	3,158.0m	Ran in hole to TD No drag encountered on trip in
PH	P	DA	0530	0600	0.50	3,175.0m	Continued drill 8 1/2" hole from 3158 - 3175m

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							High torque intermittently encountered

Phase Data to 2400hrs, 08 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	24.5	07 Sep 2005	08 Sep 2005	811.50	33.812	3,119.0m

WBM Data

Cost Today $ 17810

Mud Type:	PHPA	API FL:	4.8cc/30min	Cl:	45000mg/l	Solids(%vol):	8%	Viscosity	59sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	92%	PV	14cp
Time:	22:45	HTHP-FL:	16.0cc/30min	Hard/Ca:	360mg/l	Oil(%):		YP	28lb/100ft²
Weight:	9.30ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	7
Temp:				PM:	0.4	pH:	8.6	Gels 10m	10
				PF:	0.05	PHPA:	1ppb	Fann 003	7
								Fann 006	10
								Fann 100	27
								Fann 200	35
								Fann 300	42
								Fann 600	56

Comment: Cumulative cost $ 306941.43

Bit # 6

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	8.500in	IADC#	M433	No.	Size	Progress	163.0m	Cum. Progress	163.0m
Mfr:	SECURITY DBS	WOB(avg)	17,500.00klb	2	16/32nd"	On Bottom Hrs	4.2h	Cum. On Btm Hrs	4.2h
Type:	PDC	RPM(avg)	120	3	13/32nd"	IADC Drill Hrs	8.0h	Cum IADC Drill Hrs	8.0h
Serial No.:	10732618	F.Rate	16.60bpm			Total Revs	66	Cum Total Revs	66
Bit Model	FM 3743	SPP	3300psi			ROP(avg)	38.81 m/hr	ROP(avg)	38.81 m/hr
Depth In	2,956.0m	HSI							
Depth Out		TFA	0.78						

Bit Comment

BHA # 7

Weight(Wet)	35.00klb	Length	220.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	168.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	335.00klb	Torque(On.Btm)	4000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: Hold angle to production zone target

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.25m	8.500in		10732618	
Down Hole Motor	7.69m	7.000in		700-024	
Float Sub	0.84m	6.500in	2.812in	A550	
AGS	3.24m	6.500in	3.000in	450-078	
MWD	12.96m	7.625in	2.875in	NZ20042-0RGV6	

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Equipment	Length	OD	ID	Serial #	Comment
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	9.34m	6.500in	2.685in		
5in HWDP	9.16m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in		
5in HWDP	9.22m	5.000in	3.000in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2981.05	30.1	180.8	2960.14	82.8	-81.9	-12.7	0.7	MWD
3009.87	29.9	179.8	2985.10	97.0	-96.3	-12.7	0.6	MWD
3038.46	29.1	178.9	3009.98	110.9	-110.4	-12.6	1.0	MWD
3066.64	28.7	178.4	3034.65	124.2	-124.0	-12.3	0.5	MWD
3095.28	28.7	178.5	3059.78	137.7	-137.7	-11.9	0.1	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				165.7
Bentonite Bulk	MT				95.1
Diesel	m3	120	20.5		848.6
Fresh Water	m3	20	22.7		733.2
Drill Water	m3		48.1		589.3
Cement G	MT		49.16		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	National 12-P-160	6.000	9.20	97													
2	National 12-P-160	6.000	9.20	97	84	3300	8.33	3002.0	30	410	3.00	40	525	4.00	50	625	5.00
3	Oilwell 1700PT	6.000	9.20	97	84	3300	8.33	3002.0	30	410	3.00	40	500	4.00	50	600	5.00

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50	174.50	
13 3/8"	1000.00		173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	8	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	Completions
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	Directional Drillers
PETROLAB	2	Completions
Total	92	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA	08 Sep 2005	0 Days	Drill=5, Deck=6, SSE=1, Welder=3, Mech=1	
STOP Card	08 Sep 2005	0 Days	2 x corrective, 1 x positive	

Shakers, Volumes and Losses Data

Available	**1,651.0bbl**	**Losses**	**1,315.0bbl**
Active	494.0bbl	Downhole	
Hole	836.0bbl	Shakers & Equip.	0.0bbl
Slug		Dumped	1,315.0bbl
Reserve	321.0bbl	Centrifuges	
Brine			

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4X165	
Shaker 2	VSM100	4X165	
Shaker 3	VSM100	4X165	
Shaker 4	VSM100	4X165	

Marine

Weather on 08 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	68.0deg	1,016.0mbar	12C°	1.0m	0.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,826.80klb	0.5m	90.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	254.0
2	256.0
3	243.0
4	295.0
5	273.0
6	278.0
7	302.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler			Stand-by Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	M3		565.6
Fresh Water	M3		332
Drill Water	M3		450
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		1000

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			En-route to Ocean Patriot Left Melbourne at 8pm	

Item	Unit	Used	Quantity

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1030 / 1047	11 / 4	
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1259 / 1313	8 / 8	

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DRILLING MORNING REPORT # 35

09 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,311.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,253.0m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	191.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$419,264
Rig	OCEAN PATRIOT	Days from spud	26.50	Shoe MDBRT	2,945.0m	Cum Cost	$14,746,303
Wtr Dpth(MSL)	155.5m	Days on well	34.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Laying down mud motor and AGS from string
Planned Op	RIH and drill ahead from 3311 mMDRT MSLto section TD.

Summary of Period 0000 to 2400 Hrs

Drilled ahead from 3119 mMDRT. POOH at 3158mMDRT for short wiper trip to the shoe due to high torque. RIH and drilled ahead from 3157-3311 mMDRT MSL through finely interbeded sandstones and siltstones with minor dolomitic stringers and carbonaceous siltstones. Gas peaks noted at 3240 mMDRT and 3263 mMDRT. Very rare pin-point fluorescence noted from 3100 - 3150m, 3235 - 3240m and 3250 - 3255m. Pulling out of hole to investigate drop in pump pressure.

Operations For Period 0000 Hrs to 2400 Hrs on 09 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	0100	1.00	3,158.0m	Continued drilling 8 1/2" hole from 3119 - 3158m
PH	TP (HC)	CHC	0100	0130	0.50	3,158.0m	After connection, experienced abnormally high string torque (Increase in excess of 10,000 ft/lbs) and string drag up to 35K overpull. Worked pipe in attempt to clear high torque and drag - negative
PH	TP (HC)	TOT	0130	0400	2.50	3,158.0m	Back reamed string out to shoe at 2945m in attempt to clear high torque
PH	TP (HC)	CHC	0400	0500	1.00	3,158.0m	Circulated bottoms up at shoe
PH	TP (HC)	TI	0500	0530	0.50	3,158.0m	Ran in hole to TD No drag encountered on trip in
PH	P	DA	0530	1930	14.00	3,311.0m	Continued drill 8 1/2" hole from 3158 - 3311m MSL High torque intermittently encountered and becoming more consistant
PH	TP (WO)	TO	1930	2400	4.50	3,311.0m	Noted gradual standpipe pressure decrease while drilling. Checked out surface equipment and found no problem. Maximum pressure loss was 600 psi before drilling was stopped. Flow checked well for 15 mins - OK. Pulled out of hole wet looking for washout. No drag encountered while pulling string through open hole. Hole condition good. Tripped out of hole from 3311 - 1799m

Operations For Period 0000 Hrs to 0600 Hrs on 10 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	TP (WO)	TO	0000	0600	6.00	3,311.0m	Continued to pull out of hole looking for washout. Found washout in slip area of 5" DP at top of stand 43 (1454m from bit) Laid out washed out joint and picked up another to replace it. Continued to POOH for BHA change Racked back MWD after plugging in to download data Laid down mud motor and AGS and bit

Phase Data to 2400hrs, 09 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m

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Phase Data to 2400hrs, 09 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	48.5	07 Sep 2005	09 Sep 2005	835.50	34.812	3,311.0m

WBM Data

Cost Today $ 6939

Mud Type:	PHPA / KCl / Glycol	API FL:	5.0cc/30min	Cl:	39000mg/l	Solids(%vol):	7%	Viscosity	58sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	16cp
Time:	16:30	HTHP-FL:	14.0cc/30min	Hard/Ca:	360mg/l	Oil(%):		YP	36lb/100ft²
Weight:	9.40ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	11
Temp:	54C°			PM:	0.3	pH:	8.2	Gels 10m	15
				PF:	0.1	PHPA:	1ppb	Fann 003	10
								Fann 006	12
								Fann 100	34
								Fann 200	44
								Fann 300	52
								Fann 600	68

Comment: Cumulative cost $ 313,880.15

Bit # 6

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	8.500in	IADC#	M433	No.	Size	Progress	191.0m	Cum. Progress	354.0m
Mfr:	Security DBS	WOB(avg)	17,500.00klb	2	16/32nd"	On Bottom Hrs	10.0h	Cum. On Btm Hrs	14.2h
Type:	PDC	RPM(avg)	120	3	13/32nd"	IADC Drill Hrs	15.0h	Cum IADC Drill Hrs	23.0h
Serial No.:	10732618	F.Rate	16.50bpm			Total Revs	265	Cum Total Revs	331
Bit Model	FM 3743	SPP	3300psi			ROP(avg)	19.10 m/hr	ROP(avg)	24.93 m/hr
Depth In	2,956.0m	HSI							
Depth Out		TFA	0.911						

Bit Comment

BHA # 7

Weight(Wet)	35.00klb	Length	220.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	168.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	335.00klb	Torque(On.Btm)	12000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: Hold angle to production zone target

BHA Run Comment: BHA dropped angle and unable to slide to correct due to aggresive bit

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.25m	8.500in		10732618	
Down Hole Motor	7.69m	7.000in		700-024	
Float Sub	0.84m	6.500in	2.812in	A550	
AGS	3.24m	6.500in	3.000in	450-078	
MWD	12.96m	7.625in	2.875in	NZ20042-0RGV6	
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	18.68m	6.500in	2.685in		
5in HWDP	109.92m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in		
5in HWDP	55.32m	5.000in	3.000in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
3123.98	28.0	177.2	3085.03	151.1	-151.3	-11.4	1.0	MWD

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Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
3153.21	27.9	176.2	3110.85	164.4	-165.0	-10.6	0.5	MWD
3181.82	27.5	174.9	3136.18	177.3	-178.3	-9.6	0.8	MWD
3210.14	26.7	173.9	3161.40	189.7	-191.1	-8.3	1.0	MWD
3238.54	26.3	172.3	3186.81	201.8	-203.7	-6.8	0.9	MWD
3267.81	25.9	171.8	3213.10	214.1	-216.5	-5.0	0.5	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				165.7
Bentonite Bulk	MT				95.1
Diesel	m3	0	18.8		829.8
Fresh Water	m3	30	24.5		738.7
Drill Water	m3		108.3		481.0
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	National 12-P-160	6.000	9.20	97			
2	National 12-P-160	6.000	9.40	97	84	3650	8.33
3	Oilwell 1700PT	6.000	9.20	97	80	3650	8.33

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
3261.0	30	510	3.00	40	640	4.00	50	800	5.00
3261.0	30	500	3.00	40	610	4.00	50	750	5.00

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	48	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	Completions
PETROLAB	2	Completions
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	Directional Drillers
Total	90	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
JSA	09 Sep 2005	0 Days	Drill=4, Deck=6, SSE=1, Welder=4,	
STOP Card	09 Sep 2005	0 Days	4 x corrective, 2 x positive	

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Shakers, Volumes and Losses Data

Available	1,513.0bbl	Losses	294.0bbl
Active	596.0bbl	Downhole	
Hole	876.0bbl	Shakers & Equip.	173.0bbl
Slug		Dumped	21.0bbl
Reserve	41.0bbl	Centrifuges	
Brine			

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4 X 230	19
Shaker 2	VSM100	4 X 165	19
Shaker 3	VSM100	4 X 230	19
Shaker 4	VSM100	4 X 165	9

Marine

Weather on 09 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	68.0deg	1,010.0mbar	15C°	0.5m	68.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg		4,588.40klb	1.5m	90.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	247.0
2	254.0
3	243.0
4	287.0
5	280.0
6	278.0
7	300.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler		23:00 hrs	En route to Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	M3		556.8
Fresh Water	M3		330
Drill Water	M3		450
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		1000

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	17:20		Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		461.1
Fresh Water	M3		248
Drill Water	M3		332
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1131 / 1141	7 / 9	

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Anzon Australia LIMITED

10 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

DRILLING MORNING REPORT # 36
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,350.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,287.0m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	40.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$372,661
Rig	OCEAN PATRIOT	Days from spud	27.50	Shoe MDBRT	2,945.0m	Cum Cost	$15,118,964
Wtr Dpth(MSL)	155.5m	Days on well	35.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Drilling 8 1/2" hole at 3377m
Planned Op	Drill ahead in 8 1/2" hole to section TD. Circulate bottoms up and POOH to run wireline logs.

Summary of Period 0000 to 2400 Hrs

POOH to investigate drop in pump pressure. Laid down washed drill-pipe. Laid down mud motor and AGS. Picked up rotary BHA assembly and tricone bit. RIH to shoe. Slipped and cut drill-line. RIH to bottom and drilled ahead to 3350 mMDRT MSL. Average ROP = 4m/hr. Top of volcanics picked at 3325 mMDRT.

Operations For Period 0000 Hrs to 2400 Hrs on 10 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	TP (WO)	TO	0000	0600	6.00	3,311.0m	Continued to pull out of hole looking for washout. Found washout in slip area of 5" DP at top of stand 43 (1454m from bit) Laid out washed out joint and picked up another to replace it. Continued to POOH for BHA change Racked back MWD after plugging in to download data Laid down mud motor and AGS and bit
PH	TP (WO)	TI	0600	0830	2.50	3,311.0m	Made up new 8 1/2" rotary BHA and new TCI bit. Ran in hole to first stand of DP Shallow tested MWD at 220m with 720 gpm for 2800 psi
PH	TP (WO)	TI	0830	1330	5.00	3,311.0m	Continued to run in hole with new bit and BHA to 2920m
PH	P	SC	1330	1500	1.50	3,311.0m	Held PJSM Hung off block and slipped and cut 95 ft of drilling line
PH	TP (WO)	TI	1500	1600	1.00	3,311.0m	Continued to RIH from 2920 - 3263m
PH	TP (WO)	REA	1600	1630	0.50	3,311.0m	Reamed from 3263 - TD at 3311m to obtain FEWD log due to FEWD being nearer bit on this BHA
PH	P	DA	1630	2400	7.50	3,350.0m	Drilled 8 1/2" hole from 3311 - 3350m MSL High torque encountered again after starting drilling

Operations For Period 0000 Hrs to 0600 Hrs on 11 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	0600	6.00	3,414.0m	(IN PROGRESS) Continued to drill 8 1/2" hole from 3350 - 3414m MSL corrected depth

Phase Data to 2400hrs, 10 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	72.5	07 Sep 2005	10 Sep 2005	859.50	35.812	3,350.0m

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WBM Data — Cost Today $ 7088

Mud Type:	PHPA / KCl / Glycol	API FL:	4.6cc/30min	Cl:	34000mg/l	Solids(%vol):	7%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	17cp
Time:	22:30	HTHP-FL:	14.0cc/30min	Hard/Ca:	400mg/l	Oil(%):		YP	34lb/100ft²
Weight:	9.32ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	12
Temp:	54C°			PM:	0.3	pH:	8.4	Gels 10m	16
				PF:	0.05	PHPA:	1ppb	Fann 003	11
								Fann 006	14
								Fann 100	34
								Fann 200	45
								Fann 300	51
								Fann 600	68

Comment — Cumulative cost $ 320,967.85

Bit # 6

Wear	I	O1	D	L	B	G	O2	R
	1	4	WT	S	X	1	CT	WO

Bitwear Comments:

Size ("):	8.500in	IADC#	M433	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Security DBS	WOB(avg)	17,500.00klb	No.	Size	Progress	0.0m	Cum. Progress	354.0m
Type:	PDC	RPM(avg)	120	2	16/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	14.2h
Serial No.:	10732618	F.Rate	16.50bpm	3	13/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	23.0h
Bit Model	FM 3743	SPP	3300psi			Total Revs	265	Cum Total Revs	596
Depth In	2,956.0m	HSI				ROP(avg)	N/A	ROP(avg)	24.93 m/hr
Depth Out	3,311.0m	TFA	0.911						

Bit Comment

Bit # 7

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	8.500in	IADC#	517	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Hughes	WOB(avg)	20.00klb	No.	Size	Progress	40.0m	Cum. Progress	40.0m
Type:	Rock	RPM(avg)	110	3	14/32nd"	On Bottom Hrs	6.6h	Cum. On Btm Hrs	6.6h
Serial No.:	6035573	F.Rate	15.95bpm			IADC Drill Hrs	7.5h	Cum IADC Drill Hrs	7.5h
Bit Model	MX-20D	SPP	3900psi			Total Revs		Cum Total Revs	0
Depth In	3,311.0m	HSI				ROP(avg)	6.06 m/hr	ROP(avg)	6.06 m/hr
Depth Out		TFA	0.451						

Bit Comment

BHA # 7

Weight(Wet)	35.00klb	Length	220.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	168.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	335.00klb	Torque(On.Btm)	12000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description — Hold angle to production zone target

BHA Run Comment — BHA dropped angle and unable to slide to correct due to aggresive bit

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.25m	8.500in		10732618	
Down Hole Motor	7.69m	7.000in		700-024	
Float Sub	0.84m	6.500in	2.812in	A550	
AGS	3.24m	6.500in	3.000in	450-078	
MWD	12.96m	7.625in	2.875in	NZ20042-0RGV6	
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	18.68m	6.500in	2.685in		
5in HWDP	109.92m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in		

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Equipment	Length	OD	ID	Serial #	Comment
5in HWDP	55.32m	5.000in	3.000in		

BHA # 8

Weight(Wet)	25.00klb	Length	222.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String	320.00klb	Torque(Off.Btm)	16000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	340.00klb	Torque(On.Btm)	17000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	330.00klb			D.P. Ann Velocity	0fpm

BHA Run Description	Rotary build of 1.16 deg / 30m
BHA Run Comment	Only managed to hold angle

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	8.500in		6035573	
Float Sub	0.95m	6.375in	2.875in	1860045	
Stab	1.91m	8.250in	2.750in	A265	
LWD/FEWD	12.96m	6.750in			
Stab	1.34m	8.000in	2.875in	2368	
Drill Collar	9.38m	6.500in	2.875in	144-57	
Stab	1.97m	7.750in	2.938in	A268	
Drill Collar	18.68m	6.500in	2.875in		
5in HWDP	109.92m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in	768821	
5in HWDP	55.32m	5.000in	3.000in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
3307.72	26.1	170.4	3248.97	230.7	-233.7	-2.3	0.5	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		2.76		162.9
Bentonite Bulk	MT				95.1
Diesel	m3	0	18.1		811.7
Fresh Water	m3	31	22.7		747.0
Drill Water	m3	215	75.6		620.4
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97	79	3950	7.97
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97	79	3950	7.97

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	48	All Diamond Personnel

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Personnel On Board

UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	Completions
PETROLAB	2	Completions
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	Directional Drillers
Total	90	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	04 Sep 2005	6 Days	Complete Rig Abandonment Drill	
BOPE Test	28 Aug 2005	13 Days	Complete BOP Test	
Fire Drill	04 Sep 2005	6 Days	Rig Fire Drill	
JSA	10 Sep 2005	0 Days	Drill=7, Deck=9, SSE=1, Welder=3, Mech=3	
Man Overboard Drill	10 Sep 2005	0 Days	Man Overboard Drill	
STOP Card	10 Sep 2005	0 Days	5 x corrective, 1 x positive	

Shakers, Volumes and Losses Data

Available	**1,498.0bbl**	**Losses**	**154.0bbl**
Active	482.0bbl	Downhole	
Hole	884.0bbl	Shakers & Equip.	103.0bbl
Slug		Dumped	21.0bbl
Reserve	132.0bbl	Centrifuges	
Brine			

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4 X 230	7.5
Shaker 2	VSM100	4 X 230	7.5
Shaker 3	VSM100	4 X 230	7.5
Shaker 4	VSM100	3 x 200, 1 X 165	7.5

Marine

Weather on 10 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	68.0deg	1,002.0mbar	15C°	1.0m	68.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	268.00klb	4,588.40klb	1.0m	90.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	251.0
2	256.0
3	240.0
4	284.0
5	276.0
6	276.0
7	298.0
8	300.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En route to Melbourne

Item	Unit	Used	Quantity
Diesel	M3		0
Fresh Water	M3		0
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Item	Unit	Used	Quantity
Diesel	M3		451.8
Fresh Water	M3		93
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0

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Item	Unit	Used	Quantity
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 37

11 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	64.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$490,255
Rig	OCEAN PATRIOT	Days from spud	28.50	Shoe MDBRT	2,945.0m	Cum Cost	$16,162,710
Wtr Dpth(MSL)	155.5m	Days on well	36.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running wireline logs. Run 1 : FMI-DSI-HRLA-PEX-HNGS
Planned Op	Run wireline logs.

Summary of Period 0000 to 2400 Hrs

Drilled ahead in 8 1/2" hole from 3350 mMDRT to final TD of 3414 mMDRT MSL. Mainly interbedded sandstones and highly weathered volcanics. ROP averaged 4 m/hr throughout the section.

Operations For Period 0000 Hrs to 2400 Hrs on 11 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DA	0000	1400	14.00	3,414.0m	Continued to drill 8 1/2" hole from 3350 - 3414m MSL corrected depth
PH	P	CHC	1400	1530	1.50	3,414.0m	Circulated hole clean at well TD. Flushed choke and kill lines
PH	P	TO	1530	2130	6.00	3,414.0m	Flow checked well on bottom Pumped slug and pulled out of hole Flow checked well at casing shoe and at BOP - OK
PH	P	HBHA	2130	2330	2.00	3,414.0m	Pulled out of hole with 8 1/2" BHA Laid down stabs and MWD Broke off bit
E2	P	LOG	2330	2400	0.50	3,414.0m	Held PJSM Rigged up Schlumberger wire sheaves and compensator line

Operations For Period 0000 Hrs to 0600 Hrs on 12 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	0030	0.50	3,414.0m	Continued to rig up Schlumberger wireline sheaves in derrick
E2	P	LOG	0030	0200	1.50	3,414.0m	Picked up tools for logging run # 1
E2	P	LOG	0030	0600	5.50	3,414.0m	Ran in hole with logging run # 1 PEX - HRLA - DSI - FMI - HNGS Logged repeat section from 3360m Ran in hole to TD. Loggers depth 3414.5m Started main log pass at 05:12am

Phase Data to 2400hrs, 11 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	883.00	36.792	3,414.0m
EVALUATION PHASE (2)(E2)	0.5	11 Sep 2005	11 Sep 2005	883.50	36.812	3,414.0m

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WBM Data

Cost Today $ 4584

Mud Type:	PHPA / KCl / Glycol	API FL:	5.0cc/30min	Cl:	32000mg/l	Solids(%vol):	7%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	16cp
Time:	14:00	HTHP-FL:	14.0cc/30min	Hard/Ca:	440mg/l	Oil(%):		YP	34lb/100ft²
Weight:	9.32ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	10
Temp:	55C°			PM:	0.1	pH:	8.2	Gels 10m	15
				PF:	0.05	PHPA:	0ppb	Fann 003	10
								Fann 006	12
								Fann 100	33
								Fann 200	43
								Fann 300	50
								Fann 600	66

Comment: Cumulative cost $ 325,551.42

Bit # 6

Wear	I	O1	D	L	B	G	O2	R
	1	4	WT	S	X	1	CT	WO

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	8.500in	IADC#	M433	No.	Size	Progress	0.0m	Cum. Progress	354.0m
Mfr:	Security DBS	WOB(avg)	17,500.00klb	2	16/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	14.2h
Type:	PDC	RPM(avg)	120	3	13/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	23.0h
Serial No.:	10732618	F.Rate	16.50bpm			Total Revs	265	Cum Total Revs	861
Bit Model	FM 3743	SPP	3300psi			ROP(avg)	N/A	ROP(avg)	24.93 m/hr
Depth In	2,956.0m	HSI							
Depth Out	3,311.0m	TFA	0.911						

Bit Comment

Bit # 7

Wear	I	O1	D	L	B	G	O2	R
	3	3	BT	A	E	1	WT	TD

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	8.500in	IADC#	517	No.	Size	Progress	64.0m	Cum. Progress	104.0m
Mfr:	Hughes	WOB(avg)	25.00klb	3	14/32nd"	On Bottom Hrs	12.3h	Cum. On Btm Hrs	18.9h
Type:	Rock	RPM(avg)	110			IADC Drill Hrs	14.0h	Cum IADC Drill Hrs	21.5h
Serial No.:	6035573	F.Rate	15.95bpm			Total Revs		Cum Total Revs	0
Bit Model	MX-20D	SPP	4050psi			ROP(avg)	5.20 m/hr	ROP(avg)	5.50 m/hr
Depth In	3,311.0m	HSI							
Depth Out	3,414.0m	TFA	0.451						

Bit Comment

BHA # 7

Weight(Wet)	35.00klb	Length	220.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	168.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	335.00klb	Torque(On.Btm)	12000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	300.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: Hold angle to production zone target

BHA Run Comment: BHA dropped angle and unable to slide to correct due to aggresive bit

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.25m	8.500in		10732618	
Down Hole Motor	7.69m	7.000in		700-024	
Float Sub	0.84m	6.500in	2.812in	A550	
AGS	3.24m	6.500in	3.000in	450-078	
MWD	12.96m	7.625in	2.875in	NZ20042-0RGV6	
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	18.68m	6.500in	2.685in		
5in HWDP	109.92m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in		

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Equipment	Length	OD	ID	Serial #	Comment
5in HWDP	55.32m	5.000in	3.000in		

BHA # 8

Weight(Wet)	25.00klb	Length	222.6m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String	320.00klb	Torque(Off.Btm)	16000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	340.00klb	Torque(On.Btm)	17000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	330.00klb			D.P. Ann Velocity	0fpm

BHA Run Description	Rotary build of 1.16 deg / 30m
BHA Run Comment	Only managed to hold angle

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	8.500in		6035573	
Float Sub	0.95m	6.375in	2.875in	1860045	
Stab	1.91m	8.250in	2.750in	A265	
LWD/FEWD	12.96m	6.750in			
Stab	1.34m	8.000in	2.875in	2368	
Drill Collar	9.38m	6.500in	2.875in	144-57	
Stab	1.97m	7.750in	2.938in	A268	
Drill Collar	18.68m	6.500in	2.875in		
5in HWDP	109.92m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in	768821	
5in HWDP	55.32m	5.000in	3.000in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
3364.81	25.9	170.2	3300.28	254.2	-258.4	1.9	0.1	MWD
3401.22	26.0	170.3	3333.02	269.3	-274.1	4.6	0.1	MWD
3414.00	26.0	170.3	3344.51	274.5	-279.6	5.6	0.0	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT				95.1
Diesel	m3	0	17		794.7
Fresh Water	m3	30	27.2		749.8
Drill Water	m3	0	79.3		541.1
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97	79	4200	9.97
3	National 12-P-160	6.000	9.32	97	79	4200	7.97

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment

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Anzon Australia LIMITED

Personnel On Board

DOGC	48	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	Completions
PETROLAB	2	Completions
Total	90	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	0 Days	Complete abandon rig drill	
BOPE Test	28 Aug 2005	14 Days	Complete BOP test	
Fire Drill	11 Sep 2005	0 Days	Rig fire drill	
JSA	11 Sep 2005	0 Days	Drill=6, Deck=7, Welder=3, Mech=2	
Man Overboard Drill	10 Sep 2005	1 Day	Man overboard drill	
STOP Card	11 Sep 2005	0 Days	10 x corrective, 3 x positive	

Shakers, Volumes and Losses Data

Available	**1,593.0bbl**	**Losses**	**143.0bbl**
Active	452.0bbl	Downhole	35.0bbl
Hole	988.0bbl	Shakers & Equip.	36.0bbl
Slug		Dumped	
Reserve	153.0bbl	Centrifuges	
Brine			

Equip.	Descr.	Mesh Size	Hours
Shaker 1	VSM100	4 X 230	16
Shaker 2	VSM100	4 X 230	16
Shaker 3	VSM100	4 X 230	16
Shaker 4	VSM100	3 x 200, 1 X 165	12

Marine

Weather on 11 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	270.0deg	995.0mbar	13C°	1.5m	270.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	268.00klb	4,690.00klb	2.5m	270.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	256.0
2	265.0
3	238.0
4	280.0
5	273.0
6	276.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			In Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	M3		0
Fresh Water	M3		0
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		443.4
Fresh Water	M3		91
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0

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				Item	Unit	Used	Quantity
				Bentonite Bulk	MT		0
				Brine	BBLS		1325

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DRILLING MORNING REPORT # 38

12 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$528,804
Rig	OCEAN PATRIOT	Days from spud	29.50	Shoe MDBRT	2,945.0m	Cum Cost	$16,691,514
Wtr Dpth(MSL)	155.5m	Days on well	37.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running wireline logs (MDT-GR).
Planned Op	Run MDT pressure and sampling program on Schlumberger wireline

Summary of Period 0000 to 2400 Hrs

Completed rigging up wireline and ran FMI-DSI-HRLA-PEX-HNGS log. Loggers TD found at 3414.5mMDRT MSL. Completed log run # 1 and ran VSI-4-GR seismic VSP up to 23943.7 mMDRT MSL. Completed run # 2 and started MDT program.

Operations For Period 0000 Hrs to 2400 Hrs on 12 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	0030	0.50	3,414.0m	Continued to rig up Schlumberger wireline sheaves in derrick
E2	P	LOG	0030	0200	1.50	3,414.0m	Picked up tools for logging run # 1
E2	P	LOG	0200	1200	10.00	3,414.0m	Ran in hole with logging run # 1 PEX - HRLA - DSI - FMI - HNGS. Logged repeat section from 3360m. Ran in hole to TD. Loggers depth 3414.5m. Started main log pass at 05:12am. Tools in Hi-Res mode from TD up to 9 5/8" casing. Sonic was run from in lower and upper Dipole mode (without X-Dipole mode) and P & S mode in open hole and P & S mode within the 9 5/8" casing to 1490m. Neutron corrections for hole size (HSCO), mud weight (MWCO), pressure - temperature (PTCO) and borehole salinity (BSCO) were applied in real time. HNGS barite and potassium corrections were applied in playback. Pulled out and laid down tools.
E2	P	LOG	1200	2130	9.50	3,414.0m	Made up tools for wireline log # 2 Ran in hole with logging run # 2 VSI-4-GR seismic Logged from TD at 3414 - 2394.7m Pulled out of hole and laid down tools
E2	P	LOG	2130	2400	2.50	3,414.0m	Made up tools for wireline log # 3 Ran in hole with logging run # 3 MDT - GR

Operations For Period 0000 Hrs to 0600 Hrs on 13 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	0600	6.00	3,414.0m	Continued with wireline log # 3 MDT - GR Started taking pressure points at 01:30 Total of 41 pressure point stations to be taken 12 pressure points stations taken by report time

Phase Data to 2400hrs, 12 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m

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Phase Data to 2400hrs, 12 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	883.00	36.792	3,414.0m
EVALUATION PHASE (2)(E2)	24.5	11 Sep 2005	12 Sep 2005	907.50	37.812	3,414.0m

WBM Data

Cost Today $ 117

Mud Type:	PHPA / KCl / Glycol	API FL:	5.0cc/30min	Cl:	32000mg/l	Solids(%vol):	7%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	16cp
Time:	14:00	HTHP-FL:	14.0cc/30min	Hard/Ca:	440mg/l	Oil(%):		YP	34lb/100ft²
Weight:	9.32ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	10
Temp:	55C°			PM:	0.1	pH:	8.2	Gels 10m	15
				PF:	0.05	PHPA:	0ppb	Fann 003	10
								Fann 006	12
								Fann 100	33
								Fann 200	43
								Fann 300	50
								Fann 600	66

Comment: Cumulative cost $ 325,668.84

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT				95.1
Diesel	m3	0	15.3		779.4
Fresh Water	m3	0	11.1		738.7
Drill Water	m3	59	95.1		505.0
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	48	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	NDT Inspectors
PETROLAB	2	Completions
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	Directional Drillers
Total	90	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	1 Day	Complete abandon rig drill	
BOPE Test	28 Aug 2005	15 Days	Complete BOP test	
Environental Issue	18 Jun 2005	86 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	1 Day	Rig fire drill	
JSA	12 Sep 2005	0 Days	Drill=3, Deck=8, Welder=3, Mech=5	
Man Overboard Drill	10 Sep 2005	2 Days	Man overboard drill	
STOP Card	12 Sep 2005	0 Days	3 x corrective, 2 x positive	

Shakers, Volumes and Losses Data

Available	**1,440bbl**	**Losses**	**151bbl**
Active	452bbl	Dumped	151bbl
Hole	988bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 12 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	225.0deg	1,002.0mbar	11C°	2.0m	225.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	4,663.40klb	4.0m	225.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	256.0
2	265.0
3	238.0
4	280.0
5	273.0
6	276.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En route to Ocean Patriot

Item	Unit	Used	Quantity
Diesel	M3		0
Fresh Water	M3		0
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Item	Unit	Used	Quantity
Diesel	M3		433
Fresh Water	M3		89
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 39

13 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$372,481
Rig	OCEAN PATRIOT	Days from spud	30.50	Shoe MDBRT	2,945.0m	Cum Cost	$17,063,995
Wtr Dpth(MSL)	155.5m	Days on well	38.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Collecting formation fluid samples with MDT.
Planned Op	Continue logging with Run # 3 MDT-GR and complete pressure and sampling program.

Summary of Period 0000 to 2400 Hrs

Wireline logging MDT-GR. Continued with pressure and sampling program. Obtained 33 valid pretests from 63 attempts. Commenced sampling program and collected 7 samples from 4 different depths

Operations For Period 0000 Hrs to 2400 Hrs on 13 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	2400	24.00	3,414.0m	Continued with wireline log # 3 MDT - GR Started taking pressure points at 01:30 Total of 63 pressure points were attempted 33 valid pressure points were obtained Started formation sampling program Collected 7 x 450cc samples from 4 different depths with 1 missed sample

Operations For Period 0000 Hrs to 0600 Hrs on 14 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	0600	6.00	3,414.0m	Continued with Logging run # 3 MDT - GR formation sampling program Obtained 1 x 450 cc sample and 1 x 6 gall sample from 2 depths Still to obtain 2 x 450cc formation samples and 4 x pumpout tests from this logging run

Phase Data to 2400hrs, 13 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.438	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.688	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.50	30.688	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	787.00	32.792	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	883.00	36.792	3,414.0m
EVALUATION PHASE (2)(E2)	48.5	11 Sep 2005	13 Sep 2005	931.50	38.812	3,414.0m

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Anzon Australia LIMITED

WBM Data

Cost Today $ 117

Mud Type:	PHPA / KCl / Glycol	API FL:	5.0cc/30min	Cl:	32000mg/l	Solids(%vol):	7%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	16cp
Time:	14:00	HTHP-FL:	14.0cc/30min	Hard/Ca:	440mg/l	Oil(%):		YP	34lb/100ft²
Weight:	9.32ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	10
Temp:	55C°			PM:	0.1	pH:	8.2	Gels 10m	15
				PF:	0.05	PHPA:	0ppb	Fann 003	10
								Fann 006	12
								Fann 100	33
								Fann 200	43
								Fann 300	50
								Fann 600	66

Comment: Cumulative cost $ 325,668.84

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	13.8		765.6
Fresh Water	m3	0	13.9		724.8
Drill Water	m3	28	64.1		468.9
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing Personnel
GEOSERVICES OVERSEAS S.A.	6	Mud Loggers
FUGRO SURVEY LTD	3	ROV Personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	8	Wireline crew
UNIRIG	2	NDT Inspectors
PETROLAB	2	Completion Personnel
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Liner Running Personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	Directional Drillers
Total	90	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	2 Days	Complete abandon rig drill	
BOPE Test	28 Aug 2005	16 Days	Complete BOP test	

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Anzon Australia LIMITED

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Environental Issue	18 Jun 2005	87 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	2 Days	Rig fire drill	
JSA	13 Sep 2005	0 Days	Drill=4, Deck=5, Welder=3, Mech=4	
Man Overboard Drill	10 Sep 2005	3 Days	Man overboard drill	
STOP Card	13 Sep 2005	0 Days	6 x corrective, 0 x positive	

Shakers, Volumes and Losses Data

Available	**1,430bbl**	**Losses**	**10bbl**
Active	442bbl	Dumped	10bbl
Hole	988bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 13 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	40kn	225.0deg	1,008.0mbar	12C°	2.0m	248.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	4,672.40klb	4.0m	225.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	273.0
2	276.0
3	234.0
4	267.0
5	269.0
6	273.0
7	304.0
8	309.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler			En route to Ocean Patriot ETA at rig 00:30 hrs 14th Sept

Bulks

Item	Unit	Used	Quantity
Diesel	M3		0
Fresh Water	M3		0
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		415.2
Fresh Water	M3		87
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZH	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1626 / 1658	8 / 8	Bristow Helicopter AS332 unoperational replaced by Third Party Helicopter for this flight

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 40

14 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$375,391
Rig	OCEAN PATRIOT	Days from spud	31.50	Shoe MDBRT	2,945.0m	Cum Cost	$17,439,386
Wtr Dpth(MSL)	155.5m	Days on well	39.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running wireline log # 4 MDT-GR to collect formation fluid samples.
Planned Op	Running wireline log # 4 MDT-GR to collect formation fluid samples.

Summary of Period 0000 to 2400 Hrs

Continued running MDT to collect formation fluid samples. Completed first run of MDT pretests and sampling and pulled out of hole to recover sample chambers. Rigged up second MDT toolstring and started second sampling program.

Operations For Period 0000 Hrs to 2400 Hrs on 14 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	1700	17.00	3,414.0m	Continued with Logging run # 3 MDT - GR formation sampling program POOH with logging tools at completion of sampling program
E2	P	LOG	1700	1800	1.00	3,414.0m	Rigged down tools from logging run # 3 MDT - GR Removed sample chambers from MDT
E2	P	LOG	1800	2100	3.00	3,414.0m	Made up tools for second MDT run Had to re-dress 1 x 6 bottle multi-sampler rack for second MDT run due to enlargement of formation sampling program by town.
E2	P	LOG	2100	2200	1.00	3,414.0m	Installed re-dressed multi-sampler rack into MDT Surface checked MDT tool and set compensator
E2	P	LOG	2200	2400	2.00	3,414.0m	Ran in hole with wireline logging run # 4 MDT - GR

Operations For Period 0000 Hrs to 0600 Hrs on 15 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	0600	6.00	3,414.0m	Continued with wireline log # 4 MDT - GR Continuing with formation sampling program

Phase Data to 2400hrs, 14 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	72.5	11 Sep 2005	14 Sep 2005	955.49	39.812	3,414.0m

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Anzon Australia LIMITED

WBM Data

Cost Today $ 117

Mud Type:	PHPA / KCl / Glycol	API FL:	5.0cc/30min	Cl:	31000mg/l	Solids(%vol):	7%	Viscosity	52sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%	PV	15cp
Time:	11:00	HTHP-FL:	14.0cc/30min	Hard/Ca:	440mg/l	Oil(%):		YP	27lb/100ft²
Weight:	9.32ppg	HTHP-cake:	2/32nd"	MBT:	5	Sand:		Gels 10s	9
Temp:				PM:	0.1	pH:	8.2	Gels 10m	13
				PF:	0.05	PHPA:	0ppb	Fann 003	8
								Fann 006	11
								Fann 100	26
								Fann 200	36
								Fann 300	42
								Fann 600	57

Comment: Cumulative cost $ 325,668.84

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	7.2		446.7
Fresh Water	m3	0	11.1		713.7
Drill Water	m3	30	1.3		497.6
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	49	All Diamond Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7	Wireline crew
UNIRIG	2	NDT Inspectors
PETROLAB	2	Completions
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Baker liner running personnel
SCOTTECH	1	Wellbore cleanout equipment specialist
TRANSPEC	4	Mud pit cleaning personnel
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	3 Days	Complete abandon rig drill	

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Printed on 15 Sep 2005

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
BOPE Test	28 Aug 2005	17 Days	Complete BOP test	
Environental Issue	18 Jun 2005	88 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	3 Days	Rig fire drill	
JSA	14 Sep 2005	0 Days	Drill=4, Deck=8, Welder=3, Mech=3	
Man Overboard Drill	10 Sep 2005	4 Days	Man overboard drill	
STOP Card	14 Sep 2005	0 Days	1 x corrective, 4 x positive	

Shakers, Volumes and Losses Data

Available	**1,430bbl**	**Losses**	**0bbl**
Active	442bbl		
Hole	988bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 14 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	225.0deg	1,011.0mbar	12C°	2.0m	225.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	4,829.00klb	2.5m	225.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	260.0
2	262.0
3	231.0
4	260.0
5	276.0
6	273.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler	00:15hrs 14th Sept	23:10hrs 14th Sept	Figures quoted on Bulk stock report are Statement of Fact figures when Wrangler left location	

Item	Unit	Used	Quantity
Diesel	M3		490.92
Fresh Water	M3		313
Drill Water	M3		317
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		970
	Ltrs		26405

Wrangler left location to assist Far Grip with well construction

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			Standby at Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	M3		415
Fresh Water	M3		83
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0935 / 0945	8 / 3	
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1205 / 1231	9 / 11	Refuelled with 363 ltrs Jet A1

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Anzon Australia LIMITED

15 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

DRILLING MORNING REPORT # 41
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	64.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$570,376
Rig	OCEAN PATRIOT	Days from spud	32.50	Shoe MDBRT	2,945.0m	Cum Cost	$18,009,762
Wtr Dpth(MSL)	155.5m	Days on well	40.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running in hole for a wiper trip to TD.
Planned Op	RIH for a wiper trip, circulate hole clean, POOH and run 7" liner

Summary of Period 0000 to 2400 Hrs

Completed MDT sampling program (Run 4 MDT-GR). Rigged down wireline and RIH for a wiper trip.

Operations For Period 0000 Hrs to 2400 Hrs on 15 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
E2	P	LOG	0000	2100	21.00	3,414.0m	Continued with wireline log # 4 MDT - GR formation sampling program Pulled wireline tools out of hole after completing pressure and formation sampling program
E2	P	LOG	2100	2230	1.50	3,414.0m	Removed sample bottles from MDT tool and laid down tool string
E2	P	RD	2230	2300	0.50	3,414.0m	Rigged down wireline sheaves and compensator line
PC	P	HBHA	2300	2400	1.00	3,414.0m	Commenced making up 8 1/2" cleanout BHA and ran in hole

Operations For Period 0000 Hrs to 0600 Hrs on 16 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	TI	0000	0600	6.00	3,414.0m	Continued to run in hole with 8 1/2" BHA for wiper trip prior to running 7" liner

Phase Data to 2400hrs, 15 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	1	15 Sep 2005	15 Sep 2005	979.49	40.812	3,414.0m

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Printed on 15 Sep 2005

Anzon Australia LIMITED

WBM Data

Mud Type:	PHPA / KCl / Glycol	API FL:	5.3cc/30min	Cl:	31000mg/l	Solids(%vol):	7%
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	5%	H2O:	93%
Time:	10:30	HTHP-FL:		Hard/Ca:	480mg/l	Oil(%):	
Weight:	9.25ppg	HTHP-cake:		MBT:	5	Sand:	
Temp:				PM:	0.05	pH:	8.2
				PF:	0.05	PHPA:	0ppb

Viscosity	54sec/qt
PV	16cp
YP	26lb/100ft²
Gels 10s	9
Gels 10m	13
Fann 003	8
Fann 006	11
Fann 100	26
Fann 200	36
Fann 300	42
Fann 600	58

Comment — Cumulative cost $ 325,668.84

Cost Today

Bit # 7

Wear	I	O1	D	L	B	G	O2	R
	3	3	BT	A	E	1	WT	TD

Bitwear Comments:

Size ("):	8.500in	IADC#	517	**Nozzles**	
Mfr:	Hughes	WOB(avg)	25.00klb	No.	Size
Type:	Rock	RPM(avg)	110	1	32/32nd"
Serial No.:	6035573	F.Rate	15.95bpm	2	14/32nd"
Bit Model	MX-20D	SPP	4050psi		
Depth In	3,311.0m	HSI			
Depth Out	3,414.0m	TFA	0.451		

Drilled over last 24 hrs		**Calculated over Bit Run**	
Progress	64.0m	Cum. Progress	168.0m
On Bottom Hrs	12.3h	Cum. On Btm Hrs	31.2h
IADC Drill Hrs	14.0h	Cum IADC Drill Hrs	35.5h
Total Revs		Cum Total Revs	0
ROP(avg)	5.20 m/hr	ROP(avg)	5.38 m/hr

Bit Comment

BHA # 9

Weight(Wet)	24.00klb	Length	178.6m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description — Wiper trip to clean hole before running liner

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit Sub	0.95m	6.500in	2.750in	1860045	
Drill Collar	9.38m	6.500in	2.875in	144-57	
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	18.66m	6.500in	2.875in		
Drilling Jars	9.86m	6.500in	2.750in	768-821	
HWDP	109.89m	5.000in	3.000in		
HWDP	27.57m	5.000in	3.000in		
Bit	0.34m	8.500in		6035573	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	9.2		437.5
Fresh Water	m3	0	16.7		697.0
Drill Water	m3	32	36.6		493.0
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
2	National 12-P-160	6.000	9.32	97													
3	National 12-P-160	6.000	9.32	97													

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7	Wireline crew
DOGC	3	NDT Inspectors and BOP Technician
PETROLAB	2	Completions
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Baker liner running personnel
SCOTTECH	1	Wellbore cleanout equipment specialist
TRANSPEC	4	Mud pit cleaning personnel
THE EXPRO GROUP	3	Well test personnel
Total	95	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	4 Days	Complete abandon rig drill	
BOPE Test	28 Aug 2005	18 Days	Complete BOP test	
Environental Issue	18 Jun 2005	89 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	4 Days	Rig fire drill	
JSA	15 Sep 2005	0 Days	Drill=7, Deck=4, Welder=4,	
Man Overboard Drill	10 Sep 2005	5 Days	Man overboard drill	
STOP Card	15 Sep 2005	0 Days	7 x corrective, 1 x positive	

Shakers, Volumes and Losses Data

Available	**1,930bbl**	**Losses**	**0bbl**
Active	442bbl		
Hole	988bbl		
Brine	500bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

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Weather on 15 Sep 2005							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	35kn	247.0deg	1,009.0mbar	11C°	2.5m	247.0deg	6s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
253.0deg	480.00klb	4,847.80klb	5.0m	270.0deg	8s		
Comments							

Rig Support	
Anchors	Tension (klb)
1	269.0
2	271.0
3	229.0
4	254.0
5	262.0
6	269.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler	13:30hrs 15th Sept		Arrived back from construction work at 13:30 hrs	

Item	Unit	Used	Quantity
Diesel	M3		478.8
Fresh Water	M3		311
Drill Water	M3		317
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		970

SOF on arrival after construction work
Fuel = 482m3
Pot water = 311m3
Drill water = 317m3
Barite = 42 MT
Brine = 970 bbls
Lube oil = 26305 ltrs

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel			Standby at Ocean Patriot	

Item	Unit	Used	Quantity
Diesel	M3		407.6
Fresh Water	M3		80
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		1325

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1024 / 1052	15 / 13	Refueled with 1254 ltrs Jet A1
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1205 / 1231	9 / 11	Refuelled with 363 ltrs Jet A1

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Anzon Australia LIMITED

16 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

DRILLING MORNING REPORT # 42
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	64.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$856,065
Rig	OCEAN PATRIOT	Days from spud	33.50	Shoe MDBRT	2,945.0m	Cum Cost	$18,865,827
Wtr Dpth(MSL)	155.5m	Days on well	41.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running in hole with 7" liner on 5" DP
Planned Op	Run, land and cement 7" liner

Summary of Period 0000 to 2400 Hrs

Ran in hole with 8 1/2" cleanout BHA. Circulated B/U. Pulled out of hole. Made up Baker cement stand and pressure tested to 5000 psi. Ran 18 joints of 7" liner

Operations For Period 0000 Hrs to 2400 Hrs on 16 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	TI	0000	0030	0.50	3,414.0m	Continued to run in hole with 8 1/2" BHA for wiper trip before 7" liner
PC	P	TI	0030	0700	6.50	3,414.0m	Ran 8 1/2" BHA on 5" DP to 3414m Filled pipe every 25 stands of DP No resistance or drag on way in hole
PC	P	CMD	0700	0900	2.00	3,414.0m	Circulated and conditioned mud prior to POOH for running 7" liner Total trip gas of 39% recorded at bottoms up
PC	P	TO	0900	1630	7.50	3,414.0m	Flow checked well at TD before POOH Pulled out of hole 5 stands wet - hole condition good Pumped slug and pulled out of hole to shoe Flow checked well at shoe - OK Took rotational checks at shoe while flow checking Continued out of hole with cleanout BHA Flow checked well before pulling BHA through BOP
PC	P	HBHA	1630	1730	1.00	3,414.0m	Held JSA Laid down 8 1/2" BHA
PC	P	PT	1730	1900	1.50	3,414.0m	Picked up and made up Baker cementing head to double of DP Rigged up and pressure tested cement head to 5000 psi with Dowell - OK Rigged down testing gear and racked stand with cement head back in derrick
PC	P	RRC	1900	1930	0.50	3,414.0m	Held JSA for running liner and rigged up floor for running 7" liner
PC	P	CRN	1930	2400	4.50	3,414.0m	Picked up 7" shoe and tested with water - OK Picked up 7" float and tested with water - OK Made up shoe to float then tested back pressure capability of shoe track - OK Continued to RIH with 7" liner as per running list Ran 18 joints of 7" liner at report time

Operations For Period 0000 Hrs to 0600 Hrs on 17 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	CRN	0000	0300	3.00	3,414.0m	Continued to run 7" liner as per running list. Filled liner up every 5 joints.
PC	P	CRN	0300	0400	1.00	3,414.0m	Picked up and made up 7" liner hanger, ZXP packer and running tool to 7" liner string.
PC	P	CIC	0400	0430	0.50	3,414.0m	Rigged down 7" liner running gear, Made up 5" DP running gear Picked up first stand of 5" DP running string and circulated 110% liner contents
PC	P	CRN	0430	0600	1.50	3,414.0m	(IN PROGRESS) Continued running 7" liner on 5" HWDP and 5" DP Rabbited each stand of 5" DP with a 2 5/8" OD rabbit Filled string every 5 stands

Phase Data to 2400hrs, 16 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m

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Phase Data to 2400hrs, 16 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	25	15 Sep 2005	16 Sep 2005	1,003.49	41.812	3,414.0m

WBM Data

Cost Today $ 25920

Mud Type:	PHPA / KCl / Glycol	API FL:	5.3cc/30min	Cl:	30000mg/l	Solids(%vol):	7%	Viscosity	53sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	4%	H2O:	93%	PV	15cp
Time:	08:30	HTHP-FL:		Hard/Ca:	520mg/l	Oil(%):		YP	35lb/100ft²
Weight:	9.40ppg	HTHP-cake:		MBT:	5	Sand:		Gels 10s	11
Temp:				PM:	0	pH:	8.2	Gels 10m	16
				PF:	0	PHPA:	0ppb	Fann 003	10
								Fann 006	12
								Fann 100	32
								Fann 200	43
								Fann 300	50
								Fann 600	65

Comment — Cumulative cost $ 351,588.84

Bit # 7

Wear	I	O1	D	L	B	G	O2	R
	3	3	BT	A	E	1	WT	TD

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size ("):	8.500in	IADC#	517	No.	Size	Progress	64.0m	Cum. Progress	232.0m
Mfr:	Hughes	WOB(avg)	25.00klb	1	32/32nd"	On Bottom Hrs	12.3h	Cum. On Btm Hrs	43.5h
Type:	Rock	RPM(avg)	110	2	14/32nd"	IADC Drill Hrs	14.0h	Cum IADC Drill Hrs	49.5h
Serial No.:	6035573	F.Rate	15.95bpm			Total Revs		Cum Total Revs	0
Bit Model	MX-20D	SPP	4050psi			ROP(avg)	5.20 m/hr	ROP(avg)	5.33 m/hr
Depth In	3,414.0m	HSI							
Depth Out	3,414.0m	TFA	1.86						

Bit Comment

BHA # 9

Weight(Wet)	24.00klb	Length	178.6m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description — Wiper trip to clean hole before running liner

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
HWDP	27.57m	5.000in	3.000in		
HWDP	109.89m	5.000in	3.000in		
Drilling Jars	9.86m	6.500in	2.750in	768-821	
Drill Collar	18.66m	6.500in	2.875in		
Stab	1.91m	8.250in	2.750in	A265	
Drill Collar	9.38m	6.500in	2.875in	144-57	
Bit Sub	0.95m	6.500in	2.750in	1860045	
Bit	0.34m	8.500in		6035573	

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	12.4		425.1
Fresh Water	m3	0	13.8		683.2
Drill Water	m3	30	30		493.0
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		67.5

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
DOGC	3	NDT Inspectors and BOP Technician
PETROLAB	2	Completions
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Baker liner running personnel
SCOTTECH	1	Wellbore cleanout equipment specialist
TRANSPEC	4	Mud pit cleaning personnel
THE EXPRO GROUP	6	Well test personnel
Total	96	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	5 Days	Complete abandon rig drill	
BOPE Test	28 Aug 2005	19 Days	Complete BOP test	
Environental Issue	18 Jun 2005	90 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	5 Days	Rig fire drill	
JSA	16 Sep 2005	0 Days	Drill=9, Deck=9, Welder=1,	
Man Overboard Drill	10 Sep 2005	6 Days	Man overboard drill	
STOP Card	16 Sep 2005	0 Days	7 x corrective, 2 x positive	

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Shakers, Volumes and Losses Data

Available	1,930bbl	Losses	308bbl
Active	442bbl	Equipment	20bbl
Hole	988bbl	Dumped	288bbl
Brine	500bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 16 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	90.0deg	1,005.0mbar	13C°	0.3m	90.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,203.80klb	4.0m	225.0deg	8s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	262.0
3	231.0
4	262.0
5	271.0
6	273.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler	13:30hrs 15th Sept	06:30hrs 16th Sept	En route to Melbourne ETA 06:00 hrs 17th Sept

Bulks

Item	Unit	Used	Quantity
Diesel	M3		473.7
Fresh Water	M3		307
Drill Water	M3		317
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		0
Brine	BBLS		970

Figures quoted on bulk report are figures when left the rig for Melbourne

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		397.5
Fresh Water	M3		77
Drill Water	M3		269
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		380

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1055 / 1119	11 / 10	Refueled with 663 ltrs Jet A1

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Anzon Australia LIMITED

17 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

DRILLING MORNING REPORT # 43
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$457,884
Rig	OCEAN PATRIOT	Days from spud	34.50	Shoe MDBRT	2,945.0m	Cum Cost	$19,323,711
Wtr Dpth(MSL)	155.5m	Days on well	42.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Laying out 7" liner cement head
Planned Op	Pull out of hole with liner running string. Test BOP. Make up and run SPS well cleanout BHA

Summary of Period 0000 to 2400 Hrs

Continued running 7" liner. Picked up 7" liner hanger. Ran liner and hanger in hole on 5" HWDP and 5" DP. Set hanger, cemented liner, bumped plug and tested liner to 4500 psi. Energised liner packer, reverse circulated out excess cement and tested liner lap to 4500 psi. Rigged down cementing lines and racked back cement stand

Operations For Period 0000 Hrs to 2400 Hrs on 17 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	CRN	0000	0300	3.00	3,414.0m	Continued to run 7" liner as per running list. Filled liner up every 5 joints.
PC	P	CRN	0300	0400	1.00	3,414.0m	Picked up and made up 7" liner hanger, ZXP packer and running tool to 7" liner string.
PC	P	CIC	0400	0430	0.50	3,414.0m	Rigged down 7" liner running gear, Made up 5" DP running gear Picked up first stand of 5" DP running string and circulated 110% liner contents
PC	P	CRN	0430	1130	7.00	3,414.0m	Continued running 7" liner on 5" HWDP and 5" DP Rabbited each stand of 5" DP with a 2 5/8" OD rabbit Filled string every 5 stands
PC	P	CIC	1130	1230	1.00	3,414.0m	Circulated 110% of DP and liner contents at 9 5/8" casing shoe. Max pressure of 700 psi Checked rotational torque values and P/U and S/O weights of string at shoe
PC	P	CRN	1230	1500	2.50	3,414.0m	Continued ran in hole with 7" liner on 5" DP Rabbitted each stand of DP with 2 5/8" OD drift Filled string every 5 stands
PC	P	CIC	1500	1630	1.50	3,414.0m	Washed down last 2 metres to TD at 3414m Picked up 1 metre and circulated bottoms up
PC	P	CRN	1630	1830	2.00	3,414.0m	Dropped hanger setting ball and rigged up cement lines. Set hanger with 1900 psi, released running tool with 2700 psi Sheared out ball seat with 3400 psi
PC	P	CMC	1830	2030	2.00	3,414.0m	Dowell pumped 10 bbls drill water then pressure tested lines to 5000 psi. Dowell pumped 70 bbls chemical wash spacer. Dowell pumped 65.8 bbls of 15.8ppg HTB cement slurry. Dowell flushed lines with 3 bbls Drill water. DP wiper dart was released and Dowell pumped 10 bbls of drill water behind. Dowell displaced cement with 204 bbls of 9.3ppg mud. Pumps were slowed down prior to plug shear but shear was not noted. Plug was bumped with 1000 psi over final displacement pressure. Liner was tested to 4500 psi for 5 mins - OK During cementing and displacement, liner was rotated at 15 - 20 RPM
PC	P	CIC	2030	2200	1.50	3,414.0m	Energized ZXP liner packer with 60,000 lbs down weight for 5 mins Picked string up 16 metres and reverse circulated out excess cement and spacer. Estimated total of 111 bbls of contaminated mud was dumped which included approx 24 bbls of cement, 80 bbls of spacer and 7 bbls watery mud interface
PC	P	PT	2200	2300	1.00	3,414.0m	Rigged lines back up to Dowell. Closed pipe rams and Dowell tested 9 5/8" casing, liner lap and 7" liner to 4500 psi for 15 mins - OK.
PC	P	TO	2300	2400	1.00	3,414.0m	Rigged down surface lines. Pumped slug and racked back cement stand

Operations For Period 0000 Hrs to 0600 Hrs on 18 Sep 2005

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Anzon Australia LIMITED

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	TO	0000	0500	5.00	3,414.0m	Continued to pull out of hole with 7" liner running string. Broke down and laid out liner hanger running tool
PC	P	HBHA	0500	0600	1.00	3,414.0m	(IN PROGRESS) Laid down cement stand from derrick

Phase Data to 2400hrs, 17 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	49	15 Sep 2005	17 Sep 2005	1,027.49	42.812	3,414.0m

WBM Data

Cost Today $ 1419

Mud Type:	PHPA / KCl / Glycol	API FL:	4.5cc/30min	Cl:	30000mg/l	Solids(%vol):	8%
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	4%	H2O:	92%
Time:	09:00	HTHP-FL:		Hard/Ca:	520mg/l	Oil(%):	
Weight:	9.40ppg	HTHP-cake:		MBT:	5	Sand:	
Temp:				PM:	0	pH:	8.1
				PF:	0	PHPA:	0ppb

Viscosity	54sec/qt
PV	15cp
YP	35lb/100ft²
Gels 10s	11
Gels 10m	16
Fann 003	10
Fann 006	12
Fann 100	32
Fann 200	43
Fann 300	50
Fann 600	65

Comment — Cumulative cost $ 353,008.24

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		162.9
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	13.9		411.2
Fresh Water	m3	0	12.5		670.7
Drill Water	m3	31	151.3		372.7
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	13.54		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17

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Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
DOGC	3	NDT Inspectors and BOP Technician
PETROLAB	2	Completions
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	Baker liner running personnel
SCOTTECH	1	Brine filtering equipment specialist
TRANSPEC	4	Mud pit cleaning personnel
THE EXPRO GROUP	6	Well test personnel
Total	96	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	11 Sep 2005	6 Days	Complete abandon rig drill	
BOPE Test	28 Aug 2005	20 Days	Complete BOP test	
Environental Issue	18 Jun 2005	91 Days	Environmental spill drill	
Fire Drill	11 Sep 2005	6 Days	Rig fire drill	
JSA	17 Sep 2005	0 Days	Drill=7, Deck=8, Welder=1,	
Man Overboard Drill	10 Sep 2005	7 Days	Man overboard drill	
STOP Card	17 Sep 2005	0 Days	12 x corrective, 7 x positive	

Shakers, Volumes and Losses Data

Available	**2,751bbl**
Active	327bbl
Hole	868bbl
Brine	1,556bbl

Losses	**215bbl**
Dumped	215bbl

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 17 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
8.0nm	30kn	247.0deg	1,006.0mbar	11C°	2.0m	225.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,405.60klb	4.0m	225.0deg	8s	

Comments

Rig Support

Anchors	Tension (klb)
1	262.0
2	269.0
3	225.0
4	256.0
5	267.0
6	269.0
7	313.0
8	306.0

Vessel Name	**Arrived (Date/Time)**	**Departed (Date/Time)**	**Status**
Pacific Wrangler		06:30hrs 16th Sept	En route to Melbourne ETA 06:00 hrs 17th Sept

Bulks

Item	Unit	Used	Quantity
Diesel	M3		0
Fresh Water	M3		0
Drill Water	M3		0
Cement G	MT		0

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				Item	Unit	Used	Quantity
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0
Pacific Sentinel			Standby at Ocean Patriot	Item	Unit	Used	Quantity
				Diesel	M3		389.1
				Fresh Water	M3		74
				Drill Water	M3		269
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		380

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DRILLING MORNING REPORT # 44

18 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$389,992
Rig	OCEAN PATRIOT	Days from spud	35.50	Shoe MDBRT	2,945.0m	Cum Cost	$19,713,703
Wtr Dpth(MSL)	155.5m	Days on well	43.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Scraping and circulating top packer setting depth at 2968m
Planned Op	Run in hole to PBTD. Dispace hole to seawater and clean up well. Displace hole to inhibited brine

Summary of Period 0000 to 2400 Hrs

Completed coming out of hole with liner running tools. Laid down cement stand from derrick. Made up jetting sub and jetted wellhead. Ran in hole and set BOP test plug with 30K down. Tested BOP's. Pulled out of hole with test assembly. Made up SPS well cleanout assy and ran in hole with same

Operations For Period 0000 Hrs to 2400 Hrs on 18 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	TO	0000	0500	5.00	3,414.0m	Continued to pull out of hole with 7" liner running string. Broke down and laid out liner hanger running tool
PC	P	HBHA	0500	0630	1.50	3,414.0m	Laid down cement stand from derrick
C	TP (RE)	TI	0630	0730	1.00	3,414.0m	Repaired air operated elevators
C	P	TI	0730	0830	1.00	3,414.0m	Made up jetting tool and ran in hole with 6 x stands of HWDP and 1 x stands of 5" DP
C	P	CHC	0830	0930	1.00	3,414.0m	Washed and jetted wellhead and BOP's
C	P	TI	0930	1030	1.00	3,414.0m	Picked up BOP test tool then picked up 6m pup joint and ran in hole with another 6 stands of DP. First single above test tool painted white
C	P	PT	1030	1700	6.50	3,414.0m	Tested BOP and C & K manifold to 500 / 5000 psi for 5 / 10 mins. Tested annulars to 500 / 4500 psi for 5 / 10 mins Tested BOP on yellow pod. Function tested BOP on Blue pod
C	P	TO	1700	1800	1.00	3,414.0m	Pulled out of hole with test tool and jet sub. Laid down test tool and jet sub
C	P	CRF	1800	1830	0.50	3,414.0m	Rigged down all test lines and cleared rig floor ready for picking up tubulars
C	P	PUP	1830	2230	4.00	3,414.0m	Rigged up for and picked up SPS cleanout BHA. Picked up 15 joints of 3 1/2" HWDP and 41 joints of 3 1/2" DP
C	P	PUP	2230	2300	0.50	3,414.0m	Rigged down 3 1/2" handling gear Rigged up 5" handling gear
C	P	TI	2300	2400	1.00	3,414.0m	RIH with 3 1/2" scraper assy on 5" HWDP

Operations For Period 0000 Hrs to 0600 Hrs on 19 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	TI	0000	0530	5.50	3,414.0m	Continued to RIH with cleanout assy on 5" DP At 1000m, circulated at 853gpm, 3500 psi - 60 rpm, 2K torque At 2000m, circulated at 853gpm, 4200 psi - 60 rpm, 2K torque Picked up and made up SABS tools on btm of std 69 Continued to RIH drifting DP with 2 5/8" drift
C	P	CIC	0530	0600	0.50	3,414.0m	Reciprocated the 7" casing scraper at 2968m Worked scraper from 1 stand above to 1 stand below depth Circulated at 3950 psi with 60 rpm

Phase Data to 2400hrs, 18 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m

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Phase Data to 2400hrs, 18 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	17.5	18 Sep 2005	18 Sep 2005	1,051.49	43.812	3,414.0m

WBM Data — Cost Today $ 4441

Mud Type:	PHPA / KCl / Glycol	API FL:	4.6cc/30min	Cl:	29000mg/l	Solids(%vol):	8%	Viscosity	54sec/qt
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	4%	H2O:	92%	PV	15cp
Time:	10:00	HTHP-FL:		Hard/Ca:	520mg/l	Oil(%):		YP	35lb/100ft²
Weight:	9.40ppg	HTHP-cake:		MBT:	5	Sand:		Gels 10s	11
Temp:				PM:	0	pH:	8.2	Gels 10m	16
				PF:	0	PHPA:	0ppb	Fann 003	10
								Fann 006	12
								Fann 100	32
								Fann 200	43
								Fann 300	50
								Fann 600	65

Comment: Cumulative cost $ 357,448.83

Bit # 8

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	6.000in	IADC#	1 - 2 - 7	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	REED HYCALOG	WOB(avg)		No.	Size	Progress		Cum. Progress	0.0m
Type:	Rock	RPM(avg)		3	32/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Serial No.:	PB 4596	F.Rate				IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Bit Model	SL 12KPR	SPP				Total Revs		Cum Total Revs	0
Depth In	3,414.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth Out		TFA							

Bit Comment: Cleanout run for completion

BHA # 10

Weight(Wet)		Length	3,220.4m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.20m	6.000in		PB4596	
Bit Sub	0.53m	4.625in		TS 704	
3 1/2" HWDP	9.40m	3.500in			
7" Scraper	1.68m	7.000in		250555	
3 1/2" HWDP	131.67m	3.500in			
3 1/2" DP	393.32m	3.500in			
X/O	0.36m	6.562in			
9 5/8" Scraper	2.25m	2.250in		244003	
Well Patroller	4.46m	6.375in		250604	
5in HWDP	137.73m	5.000in			

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Equipment	Length	OD	ID	Serial #	Comment
Drilling Jars	9.86m	6.325in		768821	
5in HWDP	18.41m	5.000in			
5in DP	1,951.91m	5.000in			
SABS 101	1.05m	6.375in		250704	
SABS 102	1.15m	6.375in		250858	
5in DP	554.97m	5.000in			
Riser Brush	1.73m	16.438in		24626	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		4.68		158.2
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	8.9		402.3
Fresh Water	m3	0	16.6		654.1
Drill Water	m3	246.6	48		571.3
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	9.32	97			
2	National 12-P-160	6.000	9.32	97			
3	National 12-P-160	6.000	9.32	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel and SPS Engineer
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
DOGC	2	NDT Inspectors
PETROLAB	2	Completions
WELL DYNAMICS	3	Smart completion personnel
SCOTTECH	1	Brine filtering equipment specialist
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	8	Well test personnel
Total	94	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	0 Days	Complete abandon rig drill	
BOPE Test	18 Sep 2005	0 Days	Complete BOP test	
Environental Issue	18 Jun 2005	92 Days	Environmental spill drill	
Fire Drill	18 Sep 2005	0 Days	Rig fire drill	
JSA	18 Sep 2005	0 Days	Drill=8, Deck=4, Welder=1, SubSea = 1	
Man Overboard Drill	10 Sep 2005	8 Days	Man overboard drill	
STOP Card	18 Sep 2005	0 Days	9 x corrective, 2 x positive	

Shakers, Volumes and Losses Data

Available	**2,751bbl**	**Losses**	**223bbl**
Active	279bbl	Surface	8bbl
Hole	923bbl	Dumped	215bbl
Mixing	151bbl		
Brine	1,398bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 18 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
9.0nm	12kn	90.0deg	1,017.0mbar	12C°	0.5m	90.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,372.80klb	2.0m	180.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	256.0
2	260.0
3	231.0
4	262.0
5	276.0
6	271.0
7	304.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler	16:15hrs 18 Sept	06:30hrs 16th Sept	Cargo being offloaded

Bulks

Item	Unit	Used	Quantity
Diesel	M3		430.2
Fresh Water	M3		302
Drill Water	M3		394
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		40
Bentonite Bulk	MT		0
Brine	BBLS		970

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		379.8
Fresh Water	M3		71
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		380

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1109 / 1127	7 / 9	Refuelled with 342 ltrs Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 45

19 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$422,954
Rig	OCEAN PATRIOT	Days from spud	36.50	Shoe MDBRT	2,945.0m	Cum Cost	$20,136,657
Wtr Dpth(MSL)	155.5m	Days on well	44.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Pulling out of hole with SPS well cleanout assy laying down all tubulars to deck.
Planned Op	Complete pull out of hole laying down all tubulars from hole. Rig up Schlumgerger and run CBL / VDL log

Summary of Period 0000 to 2400 Hrs

Ran in hole with SPS cleanout BHA. Took circulating and rotational data at 1000 and 2000m. Scraped and circulated upper and lower packer setting depths. Ran in hole and tagged cement. Dressed cement off to 3382m MD MSL. Displaced hole to sea water. Tripped pipe out of hole to clean riser brush junk basket. Ran in hole to TD and circulated sea water. Displaced hole to filtered brine. Spotted HEC pill in 7" liner. Pulled out of hole to top of liner laying down drill pipe to deck. Displaced well to inhibited filtered brine

Operations For Period 0000 Hrs to 2400 Hrs on 19 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	TI	0000	0530	5.50	3,414.0m	Continued to RIH with cleanout assy on 5" DP At 1000m, circulated at 853gpm, 3500 psi - 60 rpm, 2K torque At 2000m, circulated at 853gpm, 4200 psi - 60 rpm, 2K torque Picked up and made up SABS tools on btm of std 69 Continued to RIH drifting DP with 2 5/8" drift
C	P	CIC	0530	0630	1.00	3,414.0m	Reciprocated the 7" casing scraper at 2968m Worked scraper from 1 stand above to 1 stand below depth Circulated at 2 x 84 spm for 3800 psi with 60 rpm
C	P	TI	0630	0700	0.50	3,414.0m	Ran in hole with SPS cleanout assy on 5" DP Continued drifting 5" DP with 2 5/8" OD drift
C	P	CIC	0700	0800	1.00	3,414.0m	Reciprocated the 7" scraper at 3156m Worked scraper 1 stand above and 1 stand below depth Circulated at 2 x 84 spm for 4200 psi with 60 rpm
C	P	TI	0800	0930	1.50	3,414.0m	Continued to run in hole with SPS cleanout BHA on 5" DP Drifted DP with 2 5/8" OD drift. Picked up riser brush and continued RIH
C	P	DC	0930	1100	1.50	3,414.0m	Tagged cement at 3352m Dressed off cement in liner down to PBTD of 3382m MD MSL
C	P	CIC	1100	1330	2.50	3,414.0m	Pumped 30 bbls HiVis pill and displaced mud out of well with sea water Flushed C & K lines to sea water
C	P	TO	1330	1430	1.00	3,414.0m	Flow checked well for 15 mins - OK Pulled riser brush back to surface and recovered 7 kg of cement, rubber and aluminium from junk basket Ran back in to PBTD
C	P	CIC	1430	1630	2.00	3,414.0m	Circulated well with sea water to clean returns
C	P	CIC	1630	2000	3.50	3,414.0m	Displaced well to 8.9 ppg filtered brine Pumped 35 bbls HiVis, 60 bbls detergent, 35 bbls HiVis followed by the filtered brine Brine had NTU = 41 after complete circulation
C	P	CIC	2000	2030	0.50	3,414.0m	Spotted 65 bbls HEC inside 7" liner
C	P	TO	2030	2330	3.00	3,414.0m	Pulled out of hole to 2845m (above top of 7" liner at 2854m). Laid down riser brush and recovered another 1kg of sediment from junk basket
C	P	CIC	2330	2400	0.50	3,414.0m	Circulated well to 8.9 ppg inhibited filtered brine from top of liner

Operations For Period 0000 Hrs to 0600 Hrs on 20 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	CIC	0000	0200	2.00	3,414.0m	Continued circulating inhibited filtered brine to well above 7" liner top
C	P	CIC	0200	0230	0.50	3,414.0m	Displaced booster and C & K lines to inhibited brine and functioned BOP's

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	CIC	0230	0330	1.00	3,414.0m	Dropped 2 3/8" ball and opened SABS 102 with 3300 psi Washed BOP and wellhead with 636 gpm and 30 rpm
C	P	TO	0330	0600	2.50	3,414.0m	Added 25 ltrs Barafilm to DP Pulled out of hole wet with 5" DP laying down tubulars to deck. Laid down SABS 101 and 102 tools Pumped Barafilm slug and continued to POOH laying down all tubulars to deck

Phase Data to 2400hrs, 19 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	41.5	18 Sep 2005	19 Sep 2005	1,075.49	44.812	3,414.0m

WBM Data

Cost Today $ 17405

Mud Type:	KCl Brine	API FL:	Cl:	55500mg/l	Solids(%vol):	Viscosity	27sec/qt
Sample-From:	Active	Filter-Cake:	K+C*1000:	10%	H2O:	PV	
Time:	20:00	HTHP-FL:	Hard/Ca:	120mg/l	Oil(%):	YP	
Weight:	8.90ppg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:			PM:		pH:	7.5	Gels 10m	
			PF:	0	PHPA:	0ppb	Fann 003
							Fann 006
							Fann 100
							Fann 200
							Fann 300
							Fann 600

Comment: Cumulative cost $ 374,853.50

Bit # 8

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	6.000in	IADC#	1 - 2 - 7	**Nozzles**	**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	REED HYCALOG	WOB(avg)		No. Size	Progress		Cum. Progress	0.0m
Type:	Rock	RPM(avg)		3 32/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h
Serial No.:	PB 4596	F.Rate			IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Bit Model	SL 12KPR	SPP			Total Revs		Cum Total Revs	0
Depth In	3,414.0m	HSI			ROP(avg)	N/A	ROP(avg)	0.00 m/hr
Depth Out		TFA						

Bit Comment: Cleanout run for completion

BHA # 10

Weight(Wet)		Length	3,220.4m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

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Equipment	Length	OD	ID	Serial #	Comment
Bit	0.20m	6.000in		PB4596	
Bit Sub	0.53m	4.625in		TS 704	
3 1/2" HWDP	9.40m	3.500in			
7" Scraper	1.68m	7.000in		250555	
3 1/2" HWDP	131.67m	3.500in			
3 1/2" DP	393.32m	3.500in			
X/O	0.36m	6.562in			
9 5/8" Scraper	2.25m	2.250in		244003	
Well Patroller	4.46m	6.375in		250604	
5in HWDP	137.73m	5.000in			
Drilling Jars	9.86m	6.325in		768821	
5in HWDP	18.41m	5.000in			
5in DP	1,951.91m	5.000in			
SABS 101	1.05m	6.375in		250704	
SABS 102	1.15m	6.375in		250858	
5in DP	554.97m	5.000in			
Riser Brush	1.73m	16.438in		24626	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		158.2
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	8.3		394.0
Fresh Water	m3	0	13.9		640.2
Drill Water	m3	29	29		571.3
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000	8.90	97			
2	National 12-P-160	6.000	8.90	97	84	3400	7.62
3	National 12-P-160	6.000	8.90	97	84	3400	7.62

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
4 "					
3 7/8"					
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	5	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	2	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel and SPS Engineer

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Personnel On Board

SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
DOGC	2	NDT Inspectors
PETROLAB	2	Completions
WELL DYNAMICS	3	Smart completion personnel
SCOTTECH	1	Brine filtering equipment specialist
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	8	Well test personnel
Total	94	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	1 Day	Complete abandon rig drill	
BOPE Test	18 Sep 2005	1 Day	Complete BOP test	
Environental Issue	18 Jun 2005	93 Days	Environmental spill drill	
Fire Drill	18 Sep 2005	1 Day	Rig fire drill	
JSA	19 Sep 2005	0 Days	Drill=8, Deck=8, Welder=4	
Man Overboard Drill	10 Sep 2005	9 Days	Man overboard drill	
STOP Card	19 Sep 2005	0 Days	6 x corrective, 0 x positive	

Shakers, Volumes and Losses Data

Available	**1,517bbl**
Active	340bbl
Hole	865bbl
Mixing	35bbl
Brine	277bbl

Losses	**1,564bbl**
Dumped	1,564bbl

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 19 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
9.0nm	5kn	315.0deg	1,016.0mbar	12C°	0.5m	315.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,238.60klb	1.5m	135.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	260.0
3	231.0
4	262.0
5	273.0
6	271.0
7	304.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler	14:00hrs 19th Sept	16:30hrs 19th Sept	En route to Melbourne

Bulks

Item	Unit	Used	Quantity
Diesel	M3		418.55
Fresh Water	M3		301
Drill Water	M3		394
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		40
Bentonite Bulk	MT		0
Brine	BBLS		970

Figured on bulk stock reflect SOF as boat left for Melbourne

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel			Standby at Ocean Patriot

Bulks

Item	Unit	Used	Quantity
Diesel	M3		371.3
Fresh Water	M3		68
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

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DRILLING MORNING REPORT # 46

20 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$412,398
Rig	OCEAN PATRIOT	Days from spud	37.50	Shoe MDBRT	2,945.0m	Cum Cost	$20,549,055
Wtr Dpth(MSL)	155.5m	Days on well	45.81	FIT/LOT:	13.10ppg / 0.00ppg		
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Pulling out of hole after perforating run # 1
Planned Op	Continue perforating well as per program

Summary of Period 0000 to 2400 Hrs

Continued to circulate 8.9ppg inhibited filtered brine. Displaced booster C & K lines. Opened SABS tool and jetted BOP. Pulled out of hole laying down all tubulars. Rigged up wireline and ran log # 1 - CBL - VDL - CCL - GR

Operations For Period 0000 Hrs to 2400 Hrs on 20 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	CIC	0000	0200	2.00	3,414.0m	Continued circulating inhibited filtered brine to well above 7" liner top
C	P	CIC	0200	0230	0.50	3,414.0m	Displaced booster and C & K lines to inhibited brine and functioned BOP's
C	P	CIC	0230	0330	1.00	3,414.0m	Dropped 2 3/8" ball and opened SABS 102 with 3300 psi Washed BOP and wellhead with 636 gpm and 30 rpm
C	P	PLD	0330	1630	13.00	3,414.0m	Added 25 ltrs Barafilm to DP Pulled out of hole wet with 5" DP laying down tubulars to deck. Laid down SABS 101 and 102 tools. Pumped Barafilm slug and continued to POOH laying down all tubulars to deck. Well Patroller had 2 small pieces of rubber in it - cleaned out same.
C	P	PLD	1630	1700	0.50	3,414.0m	Rigged down 3 1/2" handling gear, rigged up 5" handling gear
C	P	TI	1700	1730	0.50	3,414.0m	Ran in hole with 13 stands of 5" DP from derrick
C	P	PLD	1730	1900	1.50	3,414.0m	Pulled out of hole laying down all tubulars to deck
C	P	LOG	1900	2000	1.00	3,414.0m	Held JSA Rigged up Schlumberger sheaves and compensator line to travelling block
C	P	LOG	2000	2030	0.50	3,414.0m	Picked up wireline tools for run # 1
C	P	LOG	2030	2400	3.50	3,414.0m	Ran in hole with logging run # 1 CBL - VDL - CCL - GR Found PBTD at 3383m MD MSL Logged up from TD

Operations For Period 0000 Hrs to 0600 Hrs on 21 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	LOG	0000	0030	0.50	3,414.0m	Completed pulling out of hole with wireline run # 1 CBL - VDL - CCL - GR
C	P	PER	0030	0130	1.00	3,414.0m	Prepared perforating guns on catwalk Laid down tools from wireline run # 1 Picked up guns for perforating run # 1
C	P	PER	0130	0600	4.50	3,414.0m	Ran in hole with 4 1/2" HSD guns for perforating run # 1 Perforated well as per program, 2 intervals perforated successfully using SELECT system. Good indications of guns fired Monitored well fluid level - well stable Pulled out of hole with perforating guns. Checked all shots fired - OK Laid down spent guns

Phase Data to 2400hrs, 20 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m

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Phase Data to 2400hrs, 20 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	65.5	18 Sep 2005	20 Sep 2005	1,099.49	45.812	3,414.0m

WBM Data — Cost Today $ 7846

Mud Type:	KCl Brine	API FL:		Cl:	55700mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	20:00	HTHP-FL:		Hard/Ca:	120mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.5
				PF:	0.5	PHPA:	0ppb

Viscosity	27sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Cumulative cost $ 382699.99

Bit # 8

Wear	I	O1	D	L	B	G	O2	R
	0	0	NO	A	E	I	NO	TD

Bitwear Comments:

Size ("):	6.000in	IADC#	1 - 2 - 7	**Nozzles**		**Drilled over last 24 hrs**	**Calculated over Bit Run**
Mfr:	REED HYCALOG	WOB(avg)		No.	Size	Progress	Cum. Progress 0.0m
Type:	Rock	RPM(avg)		3	32/32nd"	On Bottom Hrs	Cum. On Btm Hrs 0.0h
Serial No.:	PB 4596	F.Rate				IADC Drill Hrs	Cum IADC Drill Hrs 0.0h
Bit Model	SL 12KPR	SPP				Total Revs	Cum Total Revs 0
Depth In	3,352.0m	HSI				ROP(avg) N/A	ROP(avg) 0.00 m/hr
Depth Out	3,383.0m	TFA					

Bit Comment: Cleanout run for completion.
Dressed off cement inside 7" liner

BHA # 10

Weight(Wet)		Length	3,220.4m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment: Dressed off cement inside 7" liner

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.20m	6.000in		PB4596	
Bit Sub	0.53m	4.625in		TS 704	
3 1/2" HWDP	9.40m	3.500in			
7" Scraper	1.68m	7.000in		250555	
3 1/2" HWDP	131.67m	3.500in			
3 1/2" DP	393.32m	3.500in			
X/O	0.36m	6.562in			
9 5/8" Scraper	2.25m	2.250in		244003	
Well Patroller	4.46m	6.375in		250604	
5in HWDP	137.73m	5.000in			

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Equipment	Length	OD	ID	Serial #	Comment
Drilling Jars	9.86m	6.325in		768821	
5in HWDP	18.41m	5.000in			
5in DP	1,951.91m	5.000in			
SABS 101	1.05m	6.375in		250704	
SABS 102	1.15m	6.375in		250858	
5in DP	554.97m	5.000in			
Riser Brush	1.73m	16.438in		24626	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0		158.2
Bentonite Bulk	MT		0		95.1
Diesel	m3	0	16.8		377.2
Fresh Water	m3	0	18		622.2
Drill Water	m3	29	23		577.3
Cement G	MT		0		123.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	Oilwell 1700PT	6.000		97													
2	National 12-P-160	6.000		97													
3	National 12-P-160	6.000		97													

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	1	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	3	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead personnel
WELL DYNAMICS	3	Smart completion personnel
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	10	Well test personnel
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	2 Days	Complete abandon rig drill	
BOPE Test	18 Sep 2005	2 Days	Complete BOP test	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Environental Issue	18 Jun 2005	94 Days	Environmental spill drill	
Fire Drill	18 Sep 2005	2 Days	Rig fire drill	
JSA	20 Sep 2005	0 Days	Drill=5, Deck=6,	
Man Overboard Drill	10 Sep 2005	10 Days	Man overboard drill	
STOP Card	20 Sep 2005	0 Days	7 x corrective, 10 x positive	

Shakers, Volumes and Losses Data

Available	**1,392bbl**
Active	347bbl
Hole	923bbl
Reserve	87bbl
Mixing	35bbl

Losses	**143bbl**
Dumped	143bbl

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 20 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	270.0deg	1,023.0mbar	12C°	0.3m	270.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,106.60klb	1.5m	225.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	262.0
3	229.0
4	260.0
5	271.0
6	271.0
7	304.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler	10:30hrs 20th Sept		Standby at rig

Item	Unit	Used	Quantity
Diesel	M3		405.2
Fresh Water	M3		296
Drill Water	M3		380
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		40
Bentonite Bulk	MT		0
Brine	BBLS		570

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel		12:40hrs 20th Swept	En route to Melbourne ETA 07:30hrs 21 Sept

Item	Unit	Used	Quantity
Diesel	M3		365.5
Fresh Water	M3		66
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Figures on bulk report are SOF figures when boat left for Melbourne

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1120 / 1136	11 / 12	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 47

21 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$871,576
Rig	OCEAN PATRIOT	Days from spud	38.50	Shoe MDBRT	2,945.0m	Cum Cost	$21,420,631
Wtr Dpth(MSL)	155.5m	Days on well	46.85	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	855
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Pulling out of hole with WBRRT and wellhead and BOP jetting assy
Planned Op	Run in hole with well patroller, SABS and WBRRT. Function BOP, pull wear bushing and wash hanger area with SABS. Pull out of hole with tools and run in hole with Lead Impression Tool on 5 1/2" completion riser and obtain impression of hanger area. Pull out of hole with tools and start running completion string in hole.

Summary of Period 0000 to 2400 Hrs

Schlumberger continued to pull out of hole with CBL - VDL - CCL - GR log and laid down tools. Schlumberger ran 5 x perforating gun runs and perforated well as per program. Schlumberger ran GR - CCL - 6.00" gauge ring and junk basket to 10m above PBTD.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	LOG	0000	0100	1.00	3,414.0m	Completed pulling out of hole with wireline run # 1 CBL - VDL - CCL - GR Laid down tools from wireline run # 1
C	P	PER	0030	0130	1.00	3,414.0m	Prepared perforating guns on catwalk Laid down tools from wireline run # 1 Picked up guns for perforating run # 1
C	P	PER	0100	0600	5.00	3,414.0m	Picked up guns for perforating run # 1 Ran in hole with 4 1/2" HSD guns for perforating run # 1 Perforated well as per program, 2 intervals perforated successfully using SELECT system. Good indications of guns fired Monitored well fluid level - well stable Pulled out of hole with perforating guns. Checked all shots fired - OK Laid down spent guns
C	P	PER	0600	1100	5.00	3,414.0m	Picked up guns and ran in hole with Perforating run # 2 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
C	P	PER	1100	1430	3.50	3,414.0m	Picked up guns and ran in hole with Perforating run # 3 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
C	P	PER	1430	1830	4.00	3,414.0m	Picked up guns and ran in hole with Perforating run # 4 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
C	P	PER	1830	2200	3.50	3,414.0m	Picked up guns and ran in hole with Perforating run # 5 Perforated well as per program Pulled out of hole and laid down spent guns No losses to well seen - fluid level stable
C	P	LOG	2200	2400	2.00	3,414.0m	Schlumberger ran in hole with Logging run # 2 GR - CCL - 6.00" gauge ring and junk basket. Ran in hole to 3373m MD MSL, 10 m above PBTD Started to pull out of hole with tools

Operations For Period 0000 Hrs to 0600 Hrs on 22 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	LOG	0000	0100	1.00	3,414.0m	Continued to POOH with wireline run # 2 GR - CCL - 6.00" gauge ring and junk basket.
C	P	LOG	0100	0130	0.50	3,414.0m	Laid down wireline tools. Rigged down Schlumberger sheaves and compensator line
C	P	TI	0130	0400	2.50	3,414.0m	Made up BOP jetting and wear bushing retrieval assy with bullnose, well patroller, SABS and WBRRT.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Sheared out SABS tool with 2 3/8" OD ball with 800 psi at surface and confirmed visually that SABS tool sheared out correctly. Ran in hole to wellhead, SLM drill pipe above WBRRT to confirm distance to wellhead. Latched into wear bushing and confirmed with 10K overpull. Took index line mark at 173.14m above 18 3/4" wellhead datum
C	P	BOP	0400	0430	0.50	3,414.0m	Functioned BOP rams and annular with yellow pod against 5" DP. Pulled wear bushing with 30K overpull
C	P	CIC	0430	0530	1.00	3,414.0m	Washed BOP and wellhead with SABS tool with 750 gpm while rotating at 10 RPM and boosting riser. Displaced riser back to clean brine
C	P	TO	0530	0600	0.50	3,414.0m	Pulled out of hole with wear bushing and wellhead jetting assy and well patroller

Phase Data to 2400hrs, 21 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	90.5	18 Sep 2005	21 Sep 2005	1,124.49	46.854	3,414.0m

WBM Data

Cost Today $ 7470

Mud Type:	KCl Brine	API FL:	Cl:	55600mg/l	Solids(%vol):	Viscosity	26sec/qt
Sample-From:	Active	Filter-Cake:	K+C*1000:	10%	H2O:	PV	
Time:	18:00	HTHP-FL:	Hard/Ca:	140mg/l	Oil(%):	YP	
Weight:	8.90ppg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:			PM:		pH:	10.4	Gels 10m	
			PF:	0.5	PHPA:	0ppb	Fann 003	
							Fann 006	
							Fann 100	
							Fann 200	
							Fann 300	
							Fann 600	

Comment: Cumulative cost $ 390,169.99, Sulphite Excess - 250 ppm

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	-56.62	101.6
Bentonite Bulk	MT		0	-35.29	59.8
Diesel	m3	0	10		367.2
Fresh Water	m3	31	29.6	-354.4	269.2
Drill Water	m3	29	62.7	-174.6	369.0
Cement G	MT		0	-47.06	76.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
	12-P-160																

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	1	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	3	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	Wireline crew
CAMERON AUSTRALIA PTY LTD	2	Wellhead personnel
WELL DYNAMICS	3	Smart completion personnel
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	10	Well test personnel
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	3 Days	Complete abandon rig drill	
BOPE Test	18 Sep 2005	3 Days	Complete BOP test	
Environental Issue	21 Sep 2005	0 Days	Environmental spill drill	Simulated oil spill transfering oil from barrel to day tank on Stab side main deck. Instructed crews on position of spill kits, containment of spill and cleanup of spill
Fire Drill	18 Sep 2005	3 Days	Rig fire drill	
JSA	21 Sep 2005	0 Days	Drill=4, Deck=7, Mech=1	
Man Overboard Drill	10 Sep 2005	11 Days	Man overboard drill	
STOP Card	21 Sep 2005	0 Days	6 x corrective, 6 x positive	

Shakers, Volumes and Losses Data

Available	**1,876bbl**
Active	245bbl
Hole	923bbl
Reserve	708bbl

Losses	**35bbl**
Dumped	35bbl

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 21 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	2kn	90.0deg	1,023.0mbar	14C°	0.0m	0.0deg	-1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,301.00klb	1.0m	225.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	256.0
2	262.0
3	231.0
4	262.0
5	273.0
6	271.0
7	304.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed	Status	Bulks

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(Date/Time)							
Pacific Wrangler	10:30hrs 20th Sept		Standby at rig	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	M3		394.4
				Fresh Water	M3		291
				Drill Water	M3		380
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		40
				Bentonite Bulk	MT		0
				Brine	BBLS		470
Pacific Sentinel		12:40hrs 20th Sept		**Item**	**Unit**	**Used**	**Quantity**
				Diesel	M3		365.5
				Fresh Water	M3		66
				Drill Water	M3		0
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0
Figures on Bulk report are SOF figures when boat left rig for Melbourne							

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1120 / 1136	11 / 12	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 48

22 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$429,037
Rig	OCEAN PATRIOT	Days from spud	39.50	Shoe MDBRT	2,945.0m	Cum Cost	$21,849,668
Wtr Dpth(MSL)	155.5m	Days on well	47.85	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	857
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Pressure testing control lines and smart completion valves at HF - 1 packer.
Planned Op	Continue run completion as per program

Summary of Period 0000 to 2400 Hrs

Completed 6.00" gauge ring and junk basket run. Jetted wellhead after pulling wear bushing. Ran lead impression tool to wellhead using 5 1/2" production riser. Racked production riser in derrick as LIT was pulled to surface. Serviced travelling block TDS and dollies. Rigged up control line sheaves and started running completion

Operations For Period 0000 Hrs to 2400 Hrs on 22 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	LOG	0000	0100	1.00	3,414.0m	Continued to POOH with wireline run # 2 GR - CCL - 6.00" gauge ring and junk basket.
C	P	LOG	0100	0130	0.50	3,414.0m	Laid down wireline tools. Small amounts of scale only found in junk basket. Rigged down Schlumberger sheaves and compensator line
C	P	TI	0130	0400	2.50	3,414.0m	Made up BOP jetting and wear bushing retrieval assy with bullnose, well patroller, SABS and WBRRT. Sheared out SABS tool with 2 3/8" OD ball with 800 psi at surface and confirmed visually that SABS tool sheared out correctly. Ran in hole to wellhead, SLM drill pipe above WBRRT to confirm distance to wellhead. Latched into wear bushing and confirmed with 10K overpull. Took index line mark at 173.14m above 18 3/4" wellhead datum
C	P	BOP	0400	0430	0.50	3,414.0m	Functioned BOP rams and annular with yellow pod against 5" DP. Pulled wear bushing with 30K overpull
C	P	CIC	0430	0530	1.00	3,414.0m	Washed BOP and wellhead with SABS tool with 750 gpm while rotating at 10 RPM and boosting riser. Displaced riser back to clean brine
C	P	TO	0530	0630	1.00	3,414.0m	Pulled out of hole with wear bushing and wellhead jetting assy and well patroller. Laid down WBRRT tool and wear bushing, SABS and well patroller. Nothing found in well patroller
C	P	RCM	0630	0800	1.50	3,414.0m	Held PJSM for running 5 1/2" riser. Rigged down 5" DP handling gear. Rigged up to run run 5 1/2" production riser
C	P	TI	0800	1100	3.00	3,414.0m	Picked up Lead impression tool, LIT, and ran in hole on 5 1/2" production riser, picking up riser from deck. Riser rabbited with 4.545" drift
C	P	WH	1100	1130	0.50	3,414.0m	Landed out LIT in wellhead. Took index line measurement. Pressured up to 3000 psi to actuate lead slugs in tool and held for 5 mins Bled down pressure and pulled LIT from wellhead
C	P	TO	1130	1300	1.50	3,414.0m	Laid down 3 x joints of 5 1/2" tubing Racked rest of 5 1/2" tubing in derrick as production riser Broke out LIT and measured impressions for hanger spaceout
C	P	RD	1300	1330	0.50	3,414.0m	Rigged down 5 1/2" tubing handling gear
C	P	RS	1330	1400	0.50	3,414.0m	Serviced travelling block TDS and dollies
C	P	RCM	1400	1700	3.00	3,414.0m	Rigged up all umbilical sheaves in derrick for flatpak control lines and umbilical and annular access lines to rig floor.
C	P	RCM	1700	1800	1.00	3,414.0m	Rigged up tubular handling gear for running completion tubing
C	P	RIC	1800	2400	6.00	3,414.0m	Held JSA. Picked up tailpipe assy and started running in hole with completion assys as per program

Operations For Period 0000 Hrs to 0600 Hrs on 23 Sep 2005

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RIC	0000	0200	2.00	3,414.0m	Continued to pick up 3 1/2" completion tailpipe assy. Picked up lubricator Picked up HF - 1 packer
C	P	RIC	0200	0600	4.00	3,414.0m	Attached control lines to HF - 1 packer Pressure tested control line terminations and ball valve and lubricator as per procedures in Supplementary Completions program

Phase Data to 2400hrs, 22 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	114.5	18 Sep 2005	22 Sep 2005	1,148.49	47.854	3,414.0m

WBM Data

Cost Today $ 11317

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	10.8		356.4
Fresh Water	m3	29	24.9	0	273.3
Drill Water	m3	0	14.5	0	354.5
Cement G	MT		0	0	76.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Anzon Australia LIMITED

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	44	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	1	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
M-1 AUSTRALIA PTY LTD	1	Mud Engineers
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	1	Wireline crew
CAMERON AUSTRALIA PTY LTD	3	Wellhead personnel
WELL DYNAMICS	3	Smart completion personnel
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	12	Well test personnel
Total	92	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	4 Days	Complete abandon rig drill	
BOPE Test	18 Sep 2005	4 Days	Complete BOP test	
Environental Issue	21 Sep 2005	1 Day	Environmental spill drill	
Environental Issue	22 Sep 2005	0 Days	Diesel spill on deck	Diesel leak was noticed from day tank of the steam generator. Approx 20 ltr spill of diesel fuel which was contained on deck and cleaned up. No spillage went into the sea
Fire Drill	18 Sep 2005	4 Days	Rig fire drill	
JSA	22 Sep 2005	0 Days	Drill=6, Deck=8,	
Man Overboard Drill	10 Sep 2005	12 Days	Man overboard drill	
STOP Card	22 Sep 2005	0 Days	8 x corrective, 4 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses	**0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 22 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	315.0deg	1,019.0mbar	14C°	0.0m	0.0deg	-1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,347.00klb	0.5m	315.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	260.0
3	234.0
4	262.0
5	271.0
6	271.0
7	298.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

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Pacific Wrangler	10:30hrs 20th Sept	14:10hrs 22nd Sept	En route to Melbourne ETA 1100 hrs 23rd Sept at pilot station	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	M3		386
				Fresh Water	M3		291
				Drill Water	M3		290
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		40
				Bentonite Bulk	MT		0
				Brine	BBLS		0
Figures on bulk report are SOF figures when boat left for Melbourne							
Pacific Sentinel	11:45hrs 22nd Sept		Standby vessel at rig	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	M3		328.2
				Fresh Water	M3		248
				Drill Water	M3		0
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1025 / 1051	6 / 7	Refueled with 449 ltrs Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 49

23 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$2,089,175
Rig	OCEAN PATRIOT	Days from spud	40.50	Shoe MDBRT	2,945.0m	Cum Cost	$23,884,367
Wtr Dpth(MSL)	155.5m	Days on well	48.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	857
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Continuing to run in hole with 4 1/2" completion tubing after picking up second gas lift mandrel
Planned Op	Complete running 4 1/2" completion tubing. Pick up hanger and run hanger and completion in hole on 5 1/2" completion riser

Summary of Period 0000 to 2400 Hrs

Continued to pick up 3 1/2" completion assy and made up HF - 1 packer. Pressure tested control lines and ball valve and lubricator. Tested tubing with Dowell to 5000 psi against lubricator valve. Checked lubricator valve open after test with slickline. Continued to RIH with 4 1/2" tubing as per program

Operations For Period 0000 Hrs to 2400 Hrs on 23 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RIC	0000	0200	2.00	3,414.0m	Continued to pick up 3 1/2" completion tailpipe assy. Picked up AHC packer assy & made up same. Ran 3 1/2" blast joints as per program. Picked up ICV/LV assembly and then HF - 1 packer assembly.
C	P	PT	0200	0800	6.00	3,414.0m	Attached control lines to HF - 1 packer. Pressure tested control line terminations and ball valve / lubricator as per Supplemental Completions Program procedures
C	P	PT	0800	0930	1.50	3,414.0m	Rigged up TIW valve and pump in sub to tubing and attempted to pressure test 3 1/2" tubing against closed Lubricator and Interval Control valves to 5000 psi. Pressure not holding - troubleshoot leak
C	TP (RE)	PT	0930	1100	1.50	3,414.0m	Leak traced to DOGC valves on surface lines. Greased and worked DOGC valves on test line and standpipe manifold. Tested surface lines to 5000 psi - OK
C	P	PT	1100	1200	1.00	3,414.0m	Pressure tested 3 1/2" tubing against closed Lubricator and Interval Control valves to 5000 psi for 5 mins - OK. Rigged down lines from Dowell
C	P	SLK	1200	1300	1.00	3,414.0m	Rigged up slickline Ran 2.75" drift past lubricator valve to confirm open after being closed for pressure test. Rigged down slickline.
C	P	RIC	1300	1530	2.50	3,414.0m	RIH with completion assembly on 3 1/2" 13Cr tubing as per completion running list
C	P	RIC	1530	2400	8.50	3,414.0m	Continued to RIH with completion assy on 4 1/2" 13Cr tubing as per completion running list.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RIC	0000	0600	6.00	3,414.0m	(IN PROGRESS) Continued run in hole with completion assy on 4 1/2" 13Cr tubing. Picked up and made up 2nd Gas Lift Mandrel Continued in hole with 4 1/2" tubing as per completion running list

Phase Data to 2400hrs, 23 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m

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Phase Data to 2400hrs, 23 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	137.5	18 Sep 2005	23 Sep 2005	1,171.49	48.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	150	12.8		493.6
Fresh Water	m3	31	25.4	0	278.9
Drill Water	m3	0	12	0	342.5
Cement G	MT		0	0	76.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	1	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel

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Personnel On Board

CAMERON AUSTRALIA PTY LTD	3	Wellhead personnel
WELL DYNAMICS	3	Smart completion personnel
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	12	Well test personnel
Total	91	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	18 Sep 2005	5 Days	Complete abandon rig drill	
BOPE Test	18 Sep 2005	5 Days	Complete BOP test	
Environental Issue	21 Sep 2005	2 Days	Environmental spill drill	
Fire Drill	18 Sep 2005	5 Days	Rig fire drill	
JSA	23 Sep 2005	0 Days	Drill=2, Deck=10,	
Man Overboard Drill	10 Sep 2005	13 Days	Man overboard drill	
STOP Card	23 Sep 2005	0 Days	11 x corrective, 4 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**	**Losses**	**0bbl**
Active	250bbl		
Hole	923bbl		
Reserve	1,194bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 23 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
9.0nm	10kn	225.0deg	1,019.0mbar	16C°	0.5m	225.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,345.00klb	1.0m	90.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	260.0
3	229.0
4	260.0
5	271.0
6	271.0
7	304.0
8	304.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler		14:10hrs 22nd Sept	En route to Melbourne ETA 1100 hrs 23rd Sept at pilot station

Bulks

Item	Unit	Used	Quantity
Diesel	M3		386
Fresh Water	M3		291
Drill Water	M3		290
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		40
Bentonite Bulk	MT		0
Brine	BBLS		0

Figures on bulk report are SOF figures when boat left for Melbourne

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	11:45hrs 22nd Sept		Standby vessel at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		168.3
Fresh Water	M3		245
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BZU	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0907 / 1404	6 / 7	Refueled with 303 ltrs Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 50

24 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$381,890
Rig	OCEAN PATRIOT	Days from spud	41.50	Shoe MDBRT	2,945.0m	Cum Cost	$24,266,257
Wtr Dpth(MSL)	155.5m	Days on well	49.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	858
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Running production riser and installing control umbilical and annular access hose clamps.
Planned Op	Land completion assy. Set production packer. Set plug inside completion string. Remove 5 1/2 tubing completion riser and hanger running tool. Prepare to pull BOP.

Summary of Period 0000 to 2400 Hrs

Ran completion assy on 4 1/2" 13Cr tubing. Picked up hanger assy and handling tool. Installed hanger and connected and tested all control lines through tubing hanger. Laid down hanger handling tool. Conduct fire and Abandon drills. Wait for crane to start to continue operations. Picked up tubing hanger running tool and tested latch on hanger

Operations For Period 0000 Hrs to 2400 Hrs on 24 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RIC	0000	1530	15.50	3,414.0m	Continued run in hole with completion assy on 4 1/2" 13Cr tubing. Picked up and made up 2nd Gas Lift Mandrel Continued in hole with 4 1/2" tubing as per completion running list
C	P	RIC	1530	1630	1.00	3,414.0m	Pick up SSSV assembly and make up same. Install SSSV control line and pressure test same OK.
C	P	RIC	1630	1730	1.00	3,414.0m	Installed sheaves and umbilical cables in derrick for running of the tubing hanger running tool (THRT)
C	P	RIC	1730	1830	1.00	3,414.0m	Continued run in hole with completion assy on 4 1/2" 13Cr tubing as per completion running list.
C	P	RIC	1830	2100	2.50	3,414.0m	Picked up tubing hanger and tubing hanger handling and test tool (THHTT) and made up hanger to string. Terminated all control lines from under hanger into hanger and pressure tested all control line connections as per procedures in SCP
C	P	RIC	2100	2200	1.00	3,414.0m	Laid down THHTT and picked up THRT, with umbilicals connected, into V-Door
C	P	PA	2200	2230	0.50	3,414.0m	THRT Laid back down on deck at request of DOGC in order to have weekly safety fire drill and abandon ship drill. Prepared to remove Well Dynamics umbilical from derrick to make bringing THRT into V-door easier.
C	TP (RE)	RR	2230	2300	0.50	3,414.0m	Port crane would not start after Fire and Abandon rig drills. Wait on crane to be repaired in order to bring THRT back into V-door. Meanwhile removed Well Dynamics umbilical from sheave in derrick.
C	P	RIC	2300	2400	1.00	3,414.0m	Picked up THRT into V-door, with umbilicals attached, and picked up THRT with blocks. Made up THRT into tubing hanger. Tested latch on tubing hanger - OK Started tubing hanger pre-submergence tests as per completion program

Operations For Period 0000 Hrs to 0600 Hrs on 25 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0100	1.00	3,414.0m	Continue conducting tubing hanger pre-submergence tests as per completion program.
C	TP (VE)	PT	0100	0300	2.00	3,414.0m	Had leak while testing annulus access hose to 5000 psi. Repaired leak on hose connection at annulus access hose reel. Re-tested annulus access line - leak on annulus hose connection above THRT. Repaired same. Brought shuttle table and BJ retractable slips to rig floor and function tested - OK
C	P	PT	0300	0400	1.00	3,414.0m	Continued with tubing hanger pre-submergence pressure tests as per completion program.
C	P	RIC	0400	0500	1.00	3,414.0m	Removed temporary annulus plugs from hanger. Completed final positioning of shuttle table. Set THRT and completion string in BJ retractable slips.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RIC	0500	0600	1.00	3,414.0m	Changed out 5 1/2" tubing side door elevators for 5 1/2" air powered elevators. (IN PROGRESS) Ran in hole with completion assy, tubing hanger and THRT on 5 1/2" production riser from derrick, installing control line umbilical and annulus access hose clamps. Picked up single of 5 1/2" tubing from deck, made up XO to Expro wireline and laid back down on deck. Installed padeye sub to TDS for air powered chain block. Completed running 5 1/2" production riser from derrick.

Phase Data to 2400hrs, 24 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	161.5	18 Sep 2005	24 Sep 2005	1,195.49	49.812	3,414.0m

WBM Data — Cost Today $ 11317

Mud Type:	KCl Brine	API FL:	Cl:	560600mg/l	Solids(%vol):	Viscosity	26sec/qt
Sample-From:	Active	Filter-Cake:	K+C*1000:	10%	H2O:	PV	
Time:	18:00	HTHP-FL:	Hard/Ca:	200mg/l	Oil(%):	YP	
Weight:	8.90ppg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:			PM:		pH: 10.4	Gels 10m	
			PF:	0.4	PHPA: 0ppb	Fann 003	
						Fann 006	
						Fann 100	
						Fann 200	
						Fann 300	
						Fann 600	

Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	13.9	-0.1	479.6
Fresh Water	m3	7	15.4	0	270.5
Drill Water	m3	21	39.1	0	324.4
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
GEOSERVICES OVERSEAS S.A.	1	Mud Loggers
FUGRO SURVEY LTD	3	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	3	Wellhead personnel
WELL DYNAMICS	3	Smart completion personnel
HALLIBURTON AUSTRALIA PTY LTD	1	Smart completions personnel
THE EXPRO GROUP	12	Well test personnel
Total	91	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	0 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	6 Days	Complete BOP test	
Environental Issue	21 Sep 2005	3 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	0 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	24 Sep 2005	0 Days	Drill=3, Deck=8, Welder=1, Mech=1	
Man Overboard Drill	10 Sep 2005	14 Days	Man overboard drill	
STOP Card	24 Sep 2005	0 Days	12 x corrective, 12 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses **0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 24 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
8.0nm	15kn	225.0deg	1,008.0mbar	15C°	0.5m	225.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,381.80klb	1.5m	225.0deg	8s	

Comments

Rig Support

Anchors	Tension (klb)
1	260.0
2	267.0
3	231.0
4	262.0
5	269.0
6	269.0
7	302.0
8	302.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler		14:10hrs 22nd Sept	In Melbourne docks

Bulks

Item	Unit	Used	Quantity
Diesel	M3		386
Fresh Water	M3		291
Drill Water	M3		290
Cement G	MT		0
Cement HT (Silica)	MT		0

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				Item	Unit	Used	Quantity
				Barite Bulk	MT		40
				Bentonite Bulk	MT		0
				Brine	BBLS		0
Figures on bulk report are SOF figures when boat left for Melbourne							
Pacific Sentinel	11:45hrs 22nd Sept		Standby vessel at rig	Item	Unit	Used	Quantity
				Diesel	M3		159.1
				Fresh Water	M3		242
				Drill Water	M3		0
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0

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Anzon Australia LIMITED

25 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

DRILLING MORNING REPORT # 51
BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$489,360
Rig	OCEAN PATRIOT	Days from spud	42.50	Shoe MDBRT	2,945.0m	Cum Cost	$24,755,617
Wtr Dpth(MSL)	155.5m	Days on well	50.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	859
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Unlatching THRT and pulling out of hole with production riser and control line umbilical and annular access line
Planned Op	Pull out of hole with 5 1/2" production riser. Unlatch and pull riser and BOP to surface. Prepare to run production Xmas tree

Summary of Period 0000 to 2400 Hrs

Completed pre-submergence tests on THRT. Ran completion assy and hanger on 5 1/2" production riser. Landed and tested hanger from above to 3000 psi - OK.Rigged up slickline BOP and lubricator. Set HF-1 packer and tested down annulus - OK. Checked CIV opening pressure. Set XSTT plug in X nipple below AHC packer. Attempt to pressure up tubing to set AHC packer

Operations For Period 0000 Hrs to 2400 Hrs on 25 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0100	1.00	3,414.0m	Continue conducting tubing hanger pre-submergence tests as per completion program.
C	TP (VE)	PT	0100	0300	2.00	3,414.0m	Had leak while testing annulus access hose to 5000 psi. Repaired leak on hose connection at annulus access hose reel. Re-tested annulus access line - leak on annulus hose connection above THRT. Repaired same. Brought shuttle table and BJ retractable slips to rig floor and function tested - OK
C	P	PT	0300	0400	1.00	3,414.0m	Continued with tubing hanger pre-submergence pressure tests as per completion program.
C	P	RIC	0400	0500	1.00	3,414.0m	Removed temporary annulus plugs from hanger. Completed final positioning of shuttle table. Set THRT and completion string in BJ retractable slips. Changed out 5 1/2" tubing side door elevators for 5 1/2" air powered elevators.
C	P	RIC	0500	1030	5.50	3,414.0m	Ran in hole with completion assy, tubing hanger and THRT on 5 1/2" production riser from derrick, installing control line umbilical and annulus access hose clamps. Picked up single of 5 1/2" tubing from deck, made up XO to Expro wireline and laid back down on deck. Installed padeye sub to TDS for air powered chain block. Completed running 5 1/2" production riser from derrick.
C	P	RIC	1030	1430	4.00	3,414.0m	Made up air operated chain block to padeye sub on TDS. Connected long bails to TDS. Picked up single of 5 1/2" tubing with XO installed from deck. Ran in hole and landed out tubing hanger.
C	P	PT	1430	1500	0.50	3,414.0m	Broke circulation with Dowell down kill line and tested surface lines - OK. Tested top of hanger against closed lower annular to 3000 psi for 10 mins - OK
C	P	RIC	1500	1530	0.50	3,414.0m	Latched hanger and confirmed with 50K overpull - OK
C	P	SLK	1530	1700	1.50	3,414.0m	Rigged up slickline BOP's and lubricator on top of production riser
C	P	PT	1700	1830	1.50	3,414.0m	Tested surface lines to 5000 psi - OK Pressured up down tubing against closed lubricator valve to 500 psi to confirm pressure integrity - OK. Increased tubing pressure to 5000 psi in stages to set upper (HF-1) production packer and held for 15 mins - OK
C	P	PT	1830	1930	1.00	3,414.0m	Bled tubing pressure back down to 4500 psi and locked pressure in. Pressured up down annular access line to 4500 psi to confirm HF-1 packer set and pressure test tubing hanger from below. Held pressure down annulus side of packer for 30 mins - good test
C	P	PT	1930	2000	0.50	3,414.0m	Bled down both tubing and annulus pressures. Pressured up on annulus side only to confirm CIV opening pressure. CIV took 650 psi to open. Pumped 1.5 bbls through CIV Bled down all pressure.
C	P	SLK	2000	2230	2.50	3,414.0m	Opened lubricator valve on completion downhole. Ran in hole with slickline to set X-Selective Test Tool (XSTT) in 2.75" X-nipple below lower (AHC) packer.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Had to pump down XSTT with Dowell as it would not pass HF-1 packer or ICV. Set XSTT in X nipple OK
C	TP (VE)	PT	2230	2400	1.50	3,414.0m	Attempted to pressure up tubing on top of XSTT plug to 500 psi to confirm pressure integrity of tubing string - pressure leaking off. Tested surface lines to 5000 psi - OK Pressured up tubing and down annulus at same time to 500 psi - pressure holding. Suspect slight leak at CIV.

Operations For Period 0000 Hrs to 0600 Hrs on 26 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0100	1.00	3,414.0m	Flushed another 2 bbls through CIV down annulus access line to flush any debris from CIV. Pressured up down tubing to 500 psi to confirm tubing pressure integrity - pressure holding OK. Continued to pressure up tubing in stages to 5000psi and held for 15 mins to set lower (AHC) production packer - OK
C	P	SLK	0100	0200	1.00	3,414.0m	Pulled out of hole with slickline and XSTT plug. Changed slickline tools in lubricator.
C	P	PT	0200	0300	1.00	3,414.0m	Closed downhole lubricator valve and pressure tested tubing to 500 / 5000 psi for 5 / 10 mins - OK. Closed SSSV and bled off tubing above SSSV to 500 psi to inflow test SSSV with 5000 psi below SSSV and held for 15 mins - test good. Bled down all pressure from tubing.
C	P	RPP	0300	0400	1.00	3,414.0m	Ran in hole with slickline and set 4" ARH plug and prong in tubing hanger
C	P	PT	0400	0430	0.50	3,414.0m	Pressured up tubing to test 4" ARH plug to 500 / 5000 psi for 5 / 10 mins - OK Bled down all pressure from tubing above closed downhole lubricator valve.
C	P	SLK	0430	0500	0.50	3,414.0m	Rigged down slickline lubricator and BOP from production tubing
C	P	RR2	0500	0600	1.00	3,414.0m	Unlatched THRT from tubing hanger. Pulled out of hole with 5 1/2" production riser and control line umbilical and annular access hose.

Phase Data to 2400hrs, 25 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	185.5	18 Sep 2005	25 Sep 2005	1,219.49	50.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	14	0	465.6
Fresh Water	m3	0	11.1	0	259.4
Drill Water	m3	26	7.9	0	342.5
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		54.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	3	Wellhead personnel
WELL DYNAMICS	1	Smart completion personnel
THE EXPRO GROUP	14	Well test personnel
Total	92	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	1 Day	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	7 Days	Complete BOP test	
Environental Issue	21 Sep 2005	4 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	1 Day	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	25 Sep 2005	0 Days	Drill=3, Deck=7, Welder=2, Mech=1	
Man Overboard Drill	10 Sep 2005	15 Days	Man overboard drill	
STOP Card	25 Sep 2005	0 Days	9 x corrective, 3 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses	**0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

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Marine

Weather on 25 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
9.0nm	21kn	45.0deg	1,015.0mbar	16C°	0.5m	45.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	480.00klb	5,321.80klb	1.0m	180.0deg	8s	

Comments

Rig Support

Anchors	Tension (klb)
1	256.0
2	262.0
3	236.0
4	267.0
5	269.0
6	269.0
7	289.0
8	295.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	11:30hrs 25th Sept		Standby at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		455
Fresh Water	M3		405
Drill Water	M3		610
Cement G	MT		75
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		65
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	11:45hrs 22nd Sept		Standby vessel at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		149.7
Fresh Water	M3		239
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1045 / 1110	5 / 4	Refuelled with 441 ltres Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 52
BASKER - 2

26 Sep 2005

From: R.King/J. Wrenn
To: J. Ah-Cann

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$582,695
Rig	OCEAN PATRIOT	Days from spud	43.50	Shoe MDBRT	2,945.0m	Cum Cost	$25,338,312
Wtr Dpth(MSL)	155.5m	Days on well	51.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	860
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Breaking out double of floatation riser and laying down on deck.
Planned Op	Complete pulling riser. Rig up for, and run Xmas tree on production riser and rig up production flow head

Summary of Period 0000 to 2400 Hrs

Set AHC packer. Performed inflow test on SSSV. Set plug and prong in tubing hanger and tested to 5000 psi. Rigged down slickline. Unlatched and pulled production riser. Rigged up for pulling BOP. Unlatched BOP, took off riser tensioners for use with production riser. Started to pull BOP and riser

Operations For Period 0000 Hrs to 2400 Hrs on 26 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0100	1.00	3,414.0m	Flushed another 2 bbls through CIV down annulus access line to flush any debris from CIV. Pressured up down tubing to 500 psi to confirm tubing pressure integrity - pressure holding OK. Continued to pressure up tubing in stages to 5000psi and held for 15 mins to set lower (AHC) production packer - OK
C	P	SLK	0100	0200	1.00	3,414.0m	Pulled out of hole with slickline and XSTT plug. Changed slickline tools in lubricator.
C	P	PT	0200	0300	1.00	3,414.0m	Closed downhole lubricator valve and pressure tested tubing to 500 / 5000 psi for 5 / 10 mins - OK. Closed SSSV and bled off tubing above SSSV to 500 psi to inflow test SSSV with 5000 psi below SSSV and held for 15 mins - test good. Equalised pressure across SSSV then opened SSSV. Bled down all pressure from tubing.
C	P	RPP	0300	0400	1.00	3,414.0m	Ran in hole with slickline and set 4" ARH plug and prong in tubing hanger
C	P	PT	0400	0430	0.50	3,414.0m	Pressured up production riser to test 4" ARH plug from above to 500 / 5000 psi for 5 / 10 mins - OK Bled down all pressure from production riser. Bled off all downhole control pressures
C	P	SLK	0430	0500	0.50	3,414.0m	Rigged down slickline lubricator and BOP from production riser.
C	P	RR2	0500	0900	4.00	3,414.0m	Unlatched THRT from tubing hanger. Laid down single of 5 1/2" riser and 2 x pups. Rigged down long bails, padeye sub and chain block from TDS. Pulled out of hole with 5 1/2" production riser and control line umbilical and annular access hose.
C	P	RR2	0900	1300	4.00	3,414.0m	Disconnected hoses from THRT. Rigged down "banana" sheaves from derrick. Laid down spanner joint and THRT to deck. Picked 2 x pups back up to break connection between them and laid back down to deck. Rigged down production riser handling gear
C	P	RU	1300	1330	0.50	3,414.0m	Rigged up drill floor to pull BOP's and riser.
C	P	RR2	1330	1430	1.00	3,414.0m	Picked up diverter running tool and made up to diverter housing. Unlatched, pulled and laid down diverter.
C	P	RR2	1430	1630	2.00	3,414.0m	Picked up landing joint and made up to slip joint. Collapsed slip joint and bolted in closed position.
C	P	RR2	1630	1700	0.50	3,414.0m	Unlatched BOP and pulled clear of guide posts. Moved rig 15m to starboard of location
C	P	RR2	1700	1930	2.50	3,414.0m	Nippled down C & K storm loops and saddles Removed and stored C & K and booster lines from slip joint. ROV waterblasted exposed top of tubing hanger to remove debris. ROV waterblasted VX gasket area and inspected hanger plugs - OK
C	P	RR2	1930	2130	2.00	3,414.0m	Removed riser tensioners # 2,4,8 and 10 from riser tensioner ring for later use on

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							production riser.
C	P	RR2	2130	2230	1.00	3,414.0m	Stored riser tensioner ring under rig floor
C	P	RR2	2230	2400	1.50	3,414.0m	Pulled and laid out riser landing joint. Pulled and laid out slip joint. ROV installed debris cover on top of tubing hanger and wellhead H4 connector.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RR2	0000	0500	5.00	3,414.0m	Continued to pull BOP and riser. Installed BOP on Nomar carrier and skidded BOP to stbd side of rig
C	P	RR2	0500	0600	1.00	3,414.0m	Broke out double of flotation riser and laid down to deck.

Phase Data to 2400hrs, 26 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	209.5	18 Sep 2005	26 Sep 2005	1,243.49	51.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	11	0	454.6
Fresh Water	m3	0	16.7	0	242.7
Drill Water	m3	29	11	0	360.5
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	54		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data										
3	National 12-P-160	6.000		97														

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	4	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	3	Wellhead personnel
WELL DYNAMICS	1	Smart completion personnel
THE EXPRO GROUP	14	Well test personnel
Total	92	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	2 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	8 Days	Complete BOP test	
Environental Issue	21 Sep 2005	5 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	2 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	26 Sep 2005	0 Days	Drill=6, Deck=8, Welder=2, Mech=1	
Man Overboard Drill	10 Sep 2005	16 Days	Man overboard drill	
STOP Card	26 Sep 2005	0 Days	4 x corrective, 8 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses	**0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 26 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	220.0deg	1,022.0mbar	14C°	1.0m	220.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	5,245.60klb	1.5m	220.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	258.0
2	249.0
3	234.0
4	260.0
5	185.0
6	249.0
7	320.0
8	243.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	11:30hrs 25th Sept		Standby at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		441

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				Item	Unit	Used	Quantity
				Fresh Water	M3		400
				Drill Water	M3		610
				Cement G	MT		72
				Cement HT (Silica)	MT		54
				Barite Bulk	MT		0
				Bentonite Bulk	MT		65
				Brine	BBLS		0

				Item	Unit	Used	Quantity
Pacific Sentinel	11:45hrs 22nd Sept	16:30hrs 26th Sept	Departed for Melbourne. ETA Pilot station at 1200 hrs, 27th Sept	Diesel	M3		141.9
				Fresh Water	M3		237
				Drill Water	M3		0
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0

Bulk figures are SOF figures before boat left for Melbourne

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DRILLING MORNING REPORT # 53

27 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$2,783,359
Rig	OCEAN PATRIOT	Days from spud	44.50	Shoe MDBRT	2,945.0m	Cum Cost	$28,121,671
Wtr Dpth(MSL)	155.5m	Days on well	52.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	862
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Nippling up production flow line and kill line to flowhead.
Planned Op	Make up flowline and kill line to flowhead and test. Land SST on wellhead. Pull 4" plug and prong. Set downhole valves to displace to diesel. Circulate diesel. Flow well.

Summary of Period 0000 to 2400 Hrs

Completed pull and racked back BOP. Rigged up "banana" sheaves in moonpool. Positoned SST on cart and moved under rotary in moonpool made up and tested umbilical and annular access lines. Installed guidelines in SST. Ran in hole with SST on 5 1/2" riser

Operations For Period 0000 Hrs to 2400 Hrs on 27 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RR2	0000	0500	5.00	3,414.0m	Continued to pull BOP and riser. Installed BOP on Nomar carrier, removed guidelines, pod lines and beacon Skidded BOP to stbd side of rig
C	P	RR2	0500	0630	1.50	3,414.0m	Broke out double of flotation riser and laid down to deck. Rigged down riser handling equipment
C	P	RU	0630	0900	2.50	3,414.0m	Held JSA Rotated moonpool cart 180 degrees Installed H-beam and welded down in place on moonpool cart Moved trolley to Stbd side to accept SST
C	P	PT	0900	1130	2.50	3,414.0m	Rigged up padeye sub to TDS and rigged up 5 1/2" completion riser running equipment on rig floor. Picked up TRT / Stress joint assy to rig floor. Pressure tested annulus access hose to 5000 psi
C	P	WH	1130	1500	3.50	3,414.0m	Picked up SST and rotated 180 degrees for correct orientation on cart. Secured SST to cart and skidded SST under rig floor. Removed tree lift tool and inspected mandrel hub and gasket profile - OK. Rigged up umbilical and annular access hose saddles. Landed TRT onto SST re-enrty mandrel and locked with 3000 psi. Lock travel verified on override rods - OK.
C	P	WH	1500	1600	1.00	3,414.0m	Filled up riser from Dowell unit. Tested TRT connector to 500 / 5000 psi for 15 mins from IWOCS - OK
C	P	PT	1600	1700	1.00	3,414.0m	Laid all annulus access line on moonpool deck to reduce strain on connections during pressure test. Pressure tested annulus access hose to 500 / 5000 psi for 5 / 10 mins against AAV - OK Re-spooled annulus access line back on reeler for running SST.
C	P	WH	1700	1830	1.50	3,414.0m	Secured annulus access line to TRT / stress joint assy. Rigged up tuggers to funnels #2 and #4 to stop SST from swinging when suspended.
C	P	WH	1830	1900	0.50	3,414.0m	Carried out pre-submergence checks on SST / TRT assy as per completion manual
C	P	WH	1900	2030	1.50	3,414.0m	Repositioned hoses and umbilicals with ROV input for optimum recovery. Picked up SST off cart and installed guidelines. Lowered tree into moonpool and installed ROV stab plate hook on stress joint.
C	P	RR1	2030	2400	3.50	3,414.0m	Ran SST / TRT on 5 1/2" production riser. Installed cross coupling clamps for umbilicals and annular access hose in moonpool.

Operations For Period 0000 Hrs to 0600 Hrs on 28 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RR1	0000	0030	0.50	3,414.0m	Continued to run 5 1/2" production riser installing cross coupling clamps for umbilical and annular access hose.
C	P	RR1	0030	0100	0.50	3,414.0m	Picked up and installed long bails and wireline chain block on TDS. Installed bullseye on riser in moonpool.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	TP (VE)	RR1	0100	0400	3.00	3,414.0m	Picked up flowhead and stiffener joint to rig floor. As slacking off crane to release flowhead but still keep crane on stiff joint, stiff joint bent between stiffeners and flowhead. Laid flowhead and stiffener joint back down on deck. Replaced stiffener joint under flowhead
C	P	RR1	0400	0530	1.50	3,414.0m	Picked up flowhead and stiffener joint to rig floor. Made up flowhead to string. Rigged down stabilizing air tuggers from flowhead.
C	P	RR1	0530	0600	0.50	3,414.0m	Made up production flowline and kill line to flowhead

Phase Data to 2400hrs, 27 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	233.5	18 Sep 2005	27 Sep 2005	1,267.49	52.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:	Cl:	560600mg/l	Solids(%vol):	Viscosity	26sec/qt
Sample-From:	Active	Filter-Cake:	K+C*1000:	10%	H2O:	PV	
Time:	18:00	HTHP-FL:	Hard/Ca:	200mg/l	Oil(%):	YP	
Weight:	8.90ppg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:			PM:		pH:	10.4	Gels 10m	
			PF:	0.4	PHPA:	0ppb	Fann 003
Comment		Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm					Fann 006
							Fann 100
							Fann 200
							Fann 300
							Fann 600

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	101.6
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	11	0	443.6
Fresh Water	m3	16	24.3	0	234.4
Drill Water	m3	15	21	0	354.5
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	2	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	4	Wellhead personnel
WELL DYNAMICS	1	Smart completion personnel
THE EXPRO GROUP	14	Well test personnel
PETROLAB	2	Hydrocarbon sampling personnel
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	3 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	9 Days	Complete BOP test	
Environental Issue	21 Sep 2005	6 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	3 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	27 Sep 2005	0 Days	Drill=3, Deck=7, Welder=1	
Man Overboard Drill	10 Sep 2005	17 Days	Man overboard drill	
STOP Card	27 Sep 2005	0 Days	5 x corrective, 8 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**	**Losses**	**0bbl**
Active	250bbl		
Hole	923bbl		
Reserve	1,194bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 27 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	40.0deg	1,022.0mbar	13C°	1.0m	40.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	4,982.00klb	1.5m	220.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	249.0
2	247.0
3	234.0
4	260.0
5	254.0
6	249.0
7	315.0
8	236.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	11:30hrs 25th Sept		Standby at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		426
Fresh Water	M3		395
Drill Water	M3		610
Cement G	MT		72
Cement HT (Silica)	MT		54
Barite Bulk	MT		0
Bentonite Bulk	MT		65
Brine	BBLS		0

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Printed on 28 Sep 2005

Pacific Sentinel	11:45hrs 22nd Sept	16:30hrs 26th Sept	Departed for Melbourne. ETA Pilot station at 1200 hrs, 27th Sept	**Item**	**Unit**	**Used**	**Quantity**
				Diesel	M3		141.9
				Fresh Water	M3		237
				Drill Water	M3		0
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0

Bulk figures are SOF figures before boat left for Melbourne

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1048 / 1113	10 / 9	Refuelled with 342 ltres Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 54

28 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$396,494
Rig	OCEAN PATRIOT	Days from spud	45.50	Shoe MDBRT	2,945.0m	Cum Cost	$28,518,165
Wtr Dpth(MSL)	155.5m	Days on well	53.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	862
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Flowing well to burners.
Planned Op	Open well up to test package and flow well as per completion program.

Summary of Period 0000 to 2400 Hrs

Completed running SST on completion riser with umbilical and annular access lines. Changed out stiff joint after 1st one bent picking up flowhead. Rigged up lines to flowhead and pressure tested lines to flowhead and down tubing to PSV to 5000 psi. Repositioned rig over well. ROV removed debris cap while rig flushed control lines on SST. Land and latched SST on wellhead. Function tested SST valve functions with ROV visually checking subsea. Displaced riser with inhibited brine. Slickline retrieved 4" plug and prong from wellhead. Function tested ESD noting closing time. Slickline ran in and opened SSD. Held JSA prior to pumping diesel

Operations For Period 0000 Hrs to 2400 Hrs on 28 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	RR1	0000	0030	0.50	3,414.0m	Continued to run 5 1/2" production riser installing cross coupling clamps for umbilical and annular access hose.
C	P	RR1	0030	0100	0.50	3,414.0m	Picked up and installed long bails and wireline chain block on TDS. Installed bullseye on riser in moonpool.
C	TP (VE)	RR1	0100	0400	3.00	3,414.0m	Picked up flowhead and stiffener joint to rig floor. As slacking off crane to release flowhead but still keeping crane on stiff joint, stiff joint bent between stiffeners and flowhead. Laid flowhead and stiffener joint back down on deck. Replaced stiffener joint under flowhead
C	P	RR1	0400	0530	1.50	3,414.0m	Picked up flowhead and stiffener joint to rig floor. Made up flowhead to string. Rigged down stabilizing air tuggers from flowhead.
C	P	RU	0530	0730	2.00	3,414.0m	Made up production flowline and kill line to flowhead and secured.
C	P	PT	0730	0830	1.00	3,414.0m	Flushed and filled riser up to flowhead from PSV. Tested riser and production / kill coflexips against PSV to 500 / 5000 psi for 5 / 10 mins - OK
C	P	RM	0830	1000	1.50	3,414.0m	Positioned rig back over well. Installed MRT lines to tension joint. Tightened up guidelines.
C	P	WH	1000	1030	0.50	3,414.0m	ROV removed debris cap from wellhead. Flushed through control line outlets on underside of SST with clean operating fluid from IWOCS.
C	P	WH	1030	1100	0.50	3,414.0m	Landed and latched SST on wellhead with 40K down. Locked SST connector with 1500 psi - good visual indication of connector travel with ROV. Took 20K O/P with compensator - OK
C	P	WH	1100	1200	1.00	3,414.0m	Pressure tested connector VX ring gasket void to 5000 psi for 15 mins - OK
C	P	WH	1200	1330	1.50	3,414.0m	Lined up to, and tested, production seal mandrel MEC against 4" ARH plug and prong in tubing hanger to 500 / 5000 psi for 5 / 10 mins - OK. No communication to DH-3 port.
C	P	RU	1330	1500	1.50	3,414.0m	Rigged up Expro slickline and lubricator. Meanwhile tested SCSSV control line to 7500 psi. Observed opening pressure of 1500 psi - OK. No communication between ports.
C	P	PT	1500	1630	1.50	3,414.0m	Lined up and tested slickline lubricator to 5000 psi for 10 mins - OK Continued to test control ports between SST and tubing hanger. Tested DH-2 port to 7500 psi. Leaked when above 6700 psi to port DH-1. Tested DH-1 port to 7500 psi. Leaked when above 6700 psi to port DH-2 Pressured up both ports simultaneously to 7500 psi - good test.
C	TP (VE)	RU	1630	1900	2.50	3,414.0m	Functioned SST valves with IWOCS to establish timing with visual from ROV. Continued to troubleshoot communication between ports DH-1 and DH-2

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Disconnected jumper hoses from side of reel and independently tested each line to prove panel isolations - OK. Pressured up DH-1 to 5000 psi for 10 mins - OK. No communication to DH-2. Pressured up DH-2 to 5000 psi for 10 mins - OK. No communication to DH-1. Cycled the DH-1 function (LV Open) to measure volumes used - 150mls swept volume in both directions. Cycled DH-2 function (ICV Open) to measure volumes used - 450mls swept volume in open direction and 600mls in closed direction.
C	P	BKC	1900	2000	1.00	3,414.0m	Lined up and displaced production riser to 8.9ppg inhibited brine
C	P	SLK	2000	2100	1.00	3,414.0m	Ran in hole with slickline and pulled 4" ARH prong and plug from tubing hanger.
C	P	SLK	2100	2130	0.50	3,414.0m	Changed out slickline tool string and pressure tested slickline lubricator to 5000 psi for 10 mins - OK
C	P	WH	2130	2200	0.50	3,414.0m	Function tested ESD system and confirmed closing time of FWV of 8 seconds Pressure tested LV-Open function to 5000 psi for 20 mins - OK Pressure tested ICV-Open function to 5000 psi for 20 mins - OK Both tests did not cummunicate to other function
C	P	SLK	2200	2330	1.50	3,414.0m	Slickline ran in hole with slickline double actuating tool. Slickline opened SSD in order to circulate tubing to diesel
C	P	SM	2330	2400	0.50	3,414.0m	Held JSA meeting with crews on displacing tubing to diesel

Operations For Period 0000 Hrs to 0600 Hrs on 29 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	STI	0000	0200	2.00	3,414.0m	Displaced production tubing to diesel from Dowell unit. Diesel was weighed at 7.00ppg Pumped 150 bbls of diesel with final backpressure of 869 psi Closed KWV.
C	P	SLK	0200	0330	1.50	3,414.0m	Slickline closed SSD and pulled out of hole to slickline lubricator. Bled pressure off slickline lubricator and checked tool. Pins not sheared.
C	P	PT	0330	0400	0.50	3,414.0m	Opened KWV on flowhead and Dowell pressure tested completion string to 3000 psi with diesel to verify SSD was closed. Monitored returns at annulus access line. No returns up annulus access line and good pressure test.
C	P	SM	0400	0430	0.50	3,414.0m	Held pre-flow safety meeting with all personnel. OIM, Production Supv and Drilling Supv signed off pre-flow check list
C	P	FLO	0430	0500	0.50	3,414.0m	Final checks and positioning of people prior to opening up well
C	P	FLO	0500	0530	0.50	3,414.0m	Opened LV and held pressure for 5 mins. Opened well and flowed well from lower group. Closed well back in.
C	P	FLO	0530	0600	0.50	3,414.0m	Closed LV and opened ICV Flowed well to burners as per completion program

Phase Data to 2400hrs, 28 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	257.5	18 Sep 2005	28 Sep 2005	1,291.49	53.812	3,414.0m

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WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb
Comment		Cumulative cost $ 393,694.61, Sulphite Excess - 500 ppm					

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	-101.6	0.0
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	17.7	0	425.9
Fresh Water	m3	27	21.5	0	239.9
Drill Water	m3	0	36.1	0	318.4
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	45	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	2	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	4	Wellhead personnel
WELL DYNAMICS	1	Smart completion personnel
THE EXPRO GROUP	14	Well test personnel
PETROLAB	2	Hydrocarbon sampling personnel
Total	93	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	4 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	10 Days	Complete BOP test	
Environental Issue	21 Sep 2005	7 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	4 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
				package.
JSA	28 Sep 2005	0 Days	Drill=4, Deck=7, Welder=2	
Man Overboard Drill	10 Sep 2005	18 Days	Man overboard drill	
STOP Card	28 Sep 2005	0 Days	9 x corrective, 2 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**	**Losses**	**0bbl**
Active	250bbl		
Hole	923bbl		
Reserve	1,194bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 28 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
8.0nm	38kn	40.0deg	1,009.0mbar	15C°	1.5m	40.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	4,823.20klb	2.0m	40.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	251.0
2	251.0
3	225.0
4	275.0
5	284.0
6	276.0
7	304.0
8	295.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	11:30hrs 25th Sept		Standby at rig

Item	Unit	Used	Quantity
Diesel	M3		412
Fresh Water	M3		390
Drill Water	M3		610
Cement G	MT		72
Cement HT (Silica)	MT		54
Barite Bulk	MT		100
Bentonite Bulk	MT		65
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel		16:30hrs 26th Sept	En route to rig. ETA Rig at 1800 hrs, 28th Sept

Item	Unit	Used	Quantity
Diesel	M3		141.9
Fresh Water	M3		237
Drill Water	M3		0
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Bulk figures are SOF figures before boat left for Melbourne

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DRILLING MORNING REPORT # 55

29 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$415,760
Rig	OCEAN PATRIOT	Days from spud	46.50	Shoe MDBRT	2,945.0m	Cum Cost	$28,933,925
Wtr Dpth(MSL)	155.5m	Days on well	54.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	863
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Rigged down flowhead and MRT's. Disconnecting flowhead from production riser
Planned Op	Rig down flowhead. Pull production riser. install tree cap. Take seabed survey. Pull anchors.

Summary of Period 0000 to 2400 Hrs

Pumped diesel down tubing. Closed SSD and checked by pressure testing. Held pre-flaring safety meeting. Flowed well from upper and lower zones as per program. Closed well in. Inflow tested SSSV - OK. Inflow tested PMV for 15 mins - OK. Flushed SST with water then inhibited seawater

Operations For Period 0000 Hrs to 2400 Hrs on 29 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	STI	0000	0200	2.00	3,414.0m	Displaced production tubing to diesel from Dowell unit. Diesel was weighed at 7.00ppg Pumped 150 bbls of diesel with final backpressure of 869 psi Closed KWV.
C	P	SLK	0200	0330	1.50	3,414.0m	Slickline closed SSD and pulled out of hole to slickline lubricator. Bled pressure off slickline lubricator and checked tool. Pins not sheared.
C	P	PT	0330	0400	0.50	3,414.0m	Opened KWV on flowhead and Dowell pressure tested completion string to 3000 psi with diesel to verify SSD was closed. Monitored returns at annulus access line. No returns up annulus access line and good pressure test.
C	P	SM	0400	0430	0.50	3,414.0m	Held pre-flow safety meeting with all personnel. OIM, Production Supv and Drilling Supv signed off pre-flow check list
C	P	FLO	0430	0500	0.50	3,414.0m	Final checks and positioning of people prior to opening up well
C	P	FLO	0500	0530	0.50	3,414.0m	Opened LV and held pressure for 5 mins. Opened well and flowed well from lower zone. Closed well back in.
C	P	FLO	0530	1200	6.50	3,414.0m	Closed LV and opened ICV Flowed well as per completion program from upper zone Took samples and measurements as per completion program
C	P	FLO	1200	1700	5.00	3,414.0m	Closed ICV with 80ml fluid returned, cycled ICV again with 250ml returned from both open and close functions. This indicated ICV was partially closed during flow period. Opened LV. Flowed well from lower zone as per completion program. Took samples and measurements as per completion program
C	TP (VE)	FLO	1700	1900	2.00	3,414.0m	Closed LV and opened ICV with correct fluid volume returned, 250 ml. Flowed well from Upper zone. Flowed upper zone again due to problems with ICV during first upper zone flow period.
C	P	FLIN	1900	2100	2.00	3,414.0m	Well shut in at production choke. Started well suspension program. Closed FMV and flushed across flowhead to test package with diesel from Dowell. Opened FMV with production choke closed and bullheaded 105 bbls of diesel down tubing at 1.5 bbls/min noting initial and final SITHP
C	P	PT	2100	2200	1.00	3,414.0m	Closed TR-SSSV and bleed down above SSSV to 170 psi to inflow test SSSV for one hour - OK
C	P	PT	2200	2330	1.50	3,414.0m	Pressured up above SSSV to 200 psi below SITHP. Closed PMV, bled off pressure above PMV to 200 psi and inflow tested PMV for 15 mins - OK. Equalised pressure across PMV and opened PMV. Bled all pressure off above SSSV to zero psi. Closed PMV.
C	P	WH	2330	2400	0.50	3,414.0m	Flushed SST and all surface lines and equipment of diesel with seawater. Spotted 10 bbls of inhibited seawater in SST.

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Printed on 29 Sep 2005

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Operations For Period 0000 Hrs to 0600 Hrs on 30 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0230	2.50	3,414.0m	Suspended SST as per completion program Inflow tested annulus through annulus access line - OK Pressure tested AAV and AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested XOV to 500 / 5000 psi for 5 /10 mins - OK Pressure tested PWV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested PSV to 500 / 5000 psi for 5/ 10 mins - OK All tests done with seawater down tubing with dowell
C	P	RD	0230	0500	2.50	3,414.0m	Rigged down slickline lubricator and BOP's Disconnected flowline and kill line coflexips from flowhead Rigged down all control lines from flowhead
C	P	RD	0500	0600	1.00	3,414.0m	Unlatched production riser from SST Rigged down MRT's and bullseye from tension joint

Phase Data to 2400hrs, 29 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	281.5	18 Sep 2005	29 Sep 2005	1,315.49	54.812	3,414.0m

WBM Data — Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment — Cumulative cost $ 393,694.61

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	0.0
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	16.8	0	409.1
Fresh Water	m3	27.7	24.4	0	243.2
Drill Water	m3	0	21.7	0	296.7
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
2	National 12-P-160	6.000		97													
3	National 12-P-160	6.000		97													

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	9	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
WEATHERFORD AUSTRALIA PTY LTD	2	Casing running Personnel
CAMERON AUSTRALIA PTY LTD	4	Wellhead personnel
WELL DYNAMICS	1	Smart completion personnel
THE EXPRO GROUP	14	Well test personnel
PETROLAB	2	Hydrocarbon sampling personnel
Total	95	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	5 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	11 Days	Complete BOP test	
Environental Issue	21 Sep 2005	8 Days	Environmental spill drill	
Environental Issue	29 Sep 2005	0 Days	Spillage of crude into sea	During welltest flaring, a slug of brine extinguished flare and small amount of crude went into ocean from flare boom
Fire Drill	24 Sep 2005	5 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	29 Sep 2005	0 Days	Drill=2, Deck=7, Welder=2, Mech=4	
Man Overboard Drill	10 Sep 2005	19 Days	Man overboard drill	
STOP Card	29 Sep 2005	0 Days	9 x corrective, 3 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**	**Losses**	**0bbl**
Active	250bbl		
Hole	923bbl		
Reserve	1,194bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

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Weather on 29 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	32kn	250.0deg	1,017.0mbar	12C°	2.0m	250.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	11,200.00klb	4,832.00klb	3.5m	250.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	276.0
2	276.0
3	216.0
4	251.0
5	256.0
6	267.0
7	322.0
8	313.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	11:30hrs 25th Sept		Standby at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		397
Fresh Water	M3		385
Drill Water	M3		610
Cement G	MT		72
Cement HT (Silica)	MT		54
Barite Bulk	MT		100
Bentonite Bulk	MT		65
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	19:00hrs 29th Sept	16:30hrs 26th Sept	Standby at rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		410.6
Fresh Water	M3		245
Drill Water	M3		600
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1025 / 1038	10 / 8	

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 56

30 Sep 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$796,888
Rig	OCEAN PATRIOT	Days from spud	47.50	Shoe MDBRT	2,945.0m	Cum Cost	$29,730,813
Wtr Dpth(MSL)	155.5m	Days on well	55.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	864
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Final checks on SST with ROV and seabed survey
Planned Op	Pull anchors. End of well

Summary of Period 0000 to 2400 Hrs

Tested SST integrity with Dowell unit
Rigged down flowhead, slickline lubricator and BOP's. Unlatched from SST with production riser. Laid down flowhead. Pulled out of hole with production riser. Ran in hole with SST cap and TCRT. Could not pressure test tree cap. POOh with tree cap. Re-ran tree cap with hot line from surface. ROV attempting to latch tree cap.

Operations For Period 0000 Hrs to 2400 Hrs on 30 Sep 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	PT	0000	0230	2.50	3,414.0m	Suspended SST as per completion program Inflow tested annulus through annulus access line - OK Pressure tested AAV and AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested AMV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested XOV to 500 / 5000 psi for 5 /10 mins - OK Pressure tested PWV to 500 / 5000 psi for 5 / 10 mins - OK Pressure tested PSV to 500 / 5000 psi for 5/ 10 mins - OK All tests done with seawater down tubing with Dowell Tested completed on SST. Vented all functions and recorded final status record sheet ROV disconnected 2" UH-550 unitech connector and placed annulus access line on stress joint hook
C	P	RD	0230	0500	2.50	3,414.0m	Rigged down slickline lubricator and BOP's Disconnected flowline and kill line coflexips from flowhead Rigged down all control lines from flowhead ROV fitted 2" Unitech plug on annulus access line on SST Pressure tested down AMON line via IWOCS umbilical, between Annulus Unitech Plug and AAV, to 500 / 5000 psi for 5 / 15 mins - OK. ROV removed umbilical "flying lead" from SST junction plate
C	P	RD	0500	0600	1.00	3,414.0m	Unlatched production riser from SST Rigged down MRT's and bullseye from tension joint
C	TP (VE)	RD	0600	0730	1.50	3,414.0m	Laid out flowhead and stiff joint. While laying out flowhead and stiff joint, bent 5 1/2" tubing between top of stiff joint and flowhead. Cut stiff joint off flowhead and laid down in two pieces. ROV installed bridging plate into IWOCS receptacle. Required 190 ft/lbs
C	P	RD	0730	0830	1.00	3,414.0m	Rigged down all production gear and coflexip hose
C	P	RD	0830	1400	5.50	3,414.0m	Pulled production riser and laid out on deck. Laid out TRT to deck. ROV attempted to close TR-SSV isolation valve on SST. Could not close with high setting of 188 ft/lbs. ROV closed DH-3 valve, 4 1/2 turns on 97 ft/lbs torque ROV closed DH-2 valve ,4 1/2 turns on 97 ft/lbs torque ROV closed DH-1 valve, 4 1/2 turns on 97 ft/lbs torque ROV again attempted SCSSV closure - valve not moving
C	P	RD	1400	1630	2.50	3,414.0m	Made up TCRT and tree cap. Ran in hole with tree cap on 5" DP and landed on SST. Latched tree cap and un-jayed TCRT and picked TCRT up 5m.
C	TP (VE)	WH	1630	1730	1.00	3,414.0m	ROV unable to work at worksite. ROV hot stab connected to Schilling T4 arm. Recovered ROV to surface and extended length of free hose

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	TP (VE)	WH	1730	1930	2.00	3,414.0m	ROV back at SST. Removed blind hot stab from UL function and inserted hot stab into Lock function. Tree cap rotating. Pressured up on ROV fluid skid to lock tree cap connector. ROV hot stab hose leaking and could not build up pressure on connector lock circuit. Recovered ROV to surface to repair hose and replace fluid. Schilling T4 arm now not working properly. Meanwhile, rig laid down excess 5" DP from derrick
C	TP (VE)	WH	1930	2100	1.50	3,414.0m	Engaged TCRT on tree cap and retreived to surface due to leaking gasket
C	TP (VE)	WH	2100	2200	1.00	3,414.0m	Tree cap at surface. Replaced resilient ring gasket. Offloaded Cameron 4 core reel from boat to use as hot line instead of ROV fluid skid
C	TP (VE)	WH	2200	2400	2.00	3,414.0m	Ran tree cap back to SST with hot line back to Cameron 4 core reel. ROV attempted to latch tree cap

Operations For Period 0000 Hrs to 0600 Hrs on 01 Oct 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	TP (VE)	WH	0000	0130	1.50	3,414.0m	Latched tree cap and pressure tested as per Anzon completion program
C	P	WH	0130	0230	1.00	3,414.0m	Released from tree cap with running tools and hotline. Recovered guidelines with ROV observation
C	P	PLD	0230	0400	1.50	3,414.0m	Pulled out of hole with TCRT. Laid down all 5" DP as pulled out of hole
C	P	WH	0400	0500	1.00	3,414.0m	Rigged down TCRT guide arms and laid down tree cap RT
C	P	WH	0500	0600	1.00	3,414.0m	(IN PROGRESS) Rig started to deballast to survival draft at 0445 hrs. Rig at survival draft of 20m draft at 0645hrs. ROV attempted to close SSSV isolation valve with highest recommended torque of 248 ft/lbs torque - Valve not moving. Cancelled attempt to close valve. Meanwhile ROV does final checks and inspection on SST on video. ROV does 100m sonar seabed survey around SST ROV does 50 - 75m visual seabed survey around SST

Phase Data to 2400hrs, 30 Sep 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	305.5	18 Sep 2005	30 Sep 2005	1,339.49	55.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment — Cumulative cost $ 393,694.61

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Anzon Australia LIMITED

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	0.0
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	61.1	0	348.0
Fresh Water	m3	27.7	25.5	0.2	245.6
Drill Water	m3	0	28.9	0	267.8
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	6	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
FUGRO SURVEY LTD	2	Fugro Surveyors
CAMERON AUSTRALIA PTY LTD	2	Wellhead personnel
MO47 CREW	3	Rig move personnel
THE EXPRO GROUP	8	Well test personnel
MARCOM	1	Comms personnel
Total	85	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	6 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	12 Days	Complete BOP test	
Environental Issue	21 Sep 2005	9 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	6 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	30 Sep 2005	0 Days	Drill=7, Deck=6, Mech=1	
Man Overboard Drill	10 Sep 2005	20 Days	Man overboard drill	
STOP Card	30 Sep 2005	0 Days	1 x corrective, 3 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses **0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

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Printed on 03 Oct 2005

Anzon Australia LIMITED

Marine

Weather on 30 Sep 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	17kn	22.0deg	1,015.0mbar	14C°	0.5m	22.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	4,681.20klb	2.0m	270.0deg	7s	

Comments

Rig Support

Anchors	Tension (klb)
1	247.0
2	251.0
3	207.0
4	249.0
5	276.0
6	251.0
7	315.0
8	313.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Far Grip	11:30hrs 25th Sept	21:00hrs 30th Sept	En route to Eden. ETA 0730 hrs at pilot station	

Item	Unit	Used	Quantity
Diesel	M3		382
Fresh Water	M3		382
Drill Water	M3		610
Cement G	MT		72
Cement HT (Silica)	MT		54
Barite Bulk	MT		100
Bentonite Bulk	MT		65
Brine	BBLS		430

Figures on bulk report are SOF figures when boat left for Eden

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Sentinel	19:00hrs 29th Sept	16:30hrs 26th Sept	Standby at rig	

Item	Unit	Used	Quantity
Diesel	M3		401.2
Fresh Water	M3		240
Drill Water	M3		600
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Wrangler	1605hrs 30th Sept		Standby at rig	

Item	Unit	Used	Quantity
Diesel	M3		635.7
Fresh Water	M3		247
Drill Water	M3		380
Cement G	MT		44
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		41.7
Brine	Bbls		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0855 / 0927	13 / 12	Re-fuelled with 787ltrs Jet A1
2	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1446 / 1456	0 / 11	

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Printed on 03 Oct 2005

Anzon Australia LIMITED

DRILLING MORNING REPORT # 57

01 Oct 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$447,503
Rig	OCEAN PATRIOT	Days from spud	48.50	Shoe MDBRT	2,945.0m	Cum Cost	$30,178,316
Wtr Dpth(MSL)	155.5m	Days on well	56.81	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	865
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600	Bolstering #1 anchor, receiving PCC back to rig. Rig hauling back over #5 anchor. Far Grip on tow bridle.
Planned Op	Complete retreiving anchors. Rig off contract when last anchor racked on bolster at rig.

Summary of Period 0000 to 2400 Hrs

Pressure tested tree cap to 5000 psi. Released TCRT and pulled out of hole laying down all 5" DP. ROV attempted to close SCSSV with increased torque of 248 ft/lbs - no go. ROV did final inspection of SST and all valves and indicators. ROV performed seabed survey. Rig removed guide arms from TCRT. Deballasted rig to survival draft of 20m. Pacific Wrangler changed out swivel and pear link at #8 anchor while rig backloaded Pacific Sentinel of all remaining backload. Continued to de-ballast rig to transit draft after P. Sentinel backloaded. Rig continued to retreive anchors

Operations For Period 0000 Hrs to 2400 Hrs on 01 Oct 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	TP (VE)	WH	0000	0130	1.50	3,414.0m	Latched tree cap and pressure tested as per Anzon completion program
C	P	WH	0130	0230	1.00	3,414.0m	Released from tree cap with running tools and hotline. Recovered guidelines with ROV observation
C	P	PLD	0230	0400	1.50	3,414.0m	Pulled out of hole with TCRT. Laid down all 5" DP as pulled out of hole
C	P	WH	0400	0500	1.00	3,414.0m	Rigged down TCRT guide arms and laid down tree cap RT
C	P	WH	0500	0700	2.00	3,414.0m	Rig started to deballast to survival draft at 0445 hrs. Rig at survival draft of 20m draft at 0645hrs. ROV attempted to close SSSV isolation valve with highest recommended torque of 248 ft/lbs torque - Valve not moving. Cancelled attempt to close valve. Meanwhile ROV does final checks and inspection on SST on video. ROV does 100m sonar seabed survey around SST ROV does 50 - 75m visual seabed survey around SST
AR	P	WKB	0700	1230	5.50	3,414.0m	Rig at survival draft of 20m for backloading of cargo to Pacific Sentinel, recovery of flare booms and final deckload securing. Meanwhile Pacific Wrangler Received #8 PCC, chased out to anchor and replaced #8 anchor swivel and pear link.
AR	P	OA	1230	1900	6.50	3,414.0m	Rig re-commenced to de-ballast rig from 20m draft at 1221 hrs Rig at transit draft of 10.75m at 1910hrs Anchor #8 retreived to rig Anchor #3 being heaved in by rig
AR	P	AH	1900	2400	5.00	3,414.0m	Retreiving anchors to rig for rig move Anchor PCC to boat Anchor off btm Anchor bolstered PCC at rig #8 08:10 09:25 16:55 17:12 #3 17:28 17:59 19:24 19:35 #2 19:41 20:13 22:00 22:10 #6 20:50 21:45 #4 22:27 22:51 Due to good weather, rig being kept at least 100m from seabed asset and at no time was any anchor chain over top of SST, it was decided to retreive 6 anchors before hooking the Far Grip onto the tow bridle, thereby saving 3 - 4 hours rig time.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Oct 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
AR	P	AH	0000	0600	6.00	3,414.0m	(IN PROGRESS) #6, Bolstered at 00:15hrs, PCC to rig 00:35hrs #4, Bolstered at 00:58hrs, PCC to rig 01:10hrs

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Printed on 02 Oct 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							#7, PCC to boat at 00:40hrs, Anchor off btm 01:50hrs, Bolstered at 03:15hrs, PCC at rig 03:27hrs Tow bridle connected to Far Grip at 03:55hrs #1 PCC passed to boat at 01:17hrs, Anchor off btm at 04:20hrs, Bolstered at 0607hrs, PCC back to rig at 06:20hrs Rig hauled back over #5 anchor as hauling in #1 anchor. Rig picked up and bolstered #5 anchor. OFFICIAL END OF WELL - 08:00 HRS, 02 OCT 2005

Phase Data to 2400hrs, 01 Oct 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	312.5	18 Sep 2005	01 Oct 2005	1,346.49	56.104	3,414.0m
ANCHOR RETRIEVAL(AR)	17	01 Oct 2005	01 Oct 2005	1,363.49	56.812	3,414.0m

WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:		Cl:	560600mg/l	Solids(%vol):	
Sample-From:	Active	Filter-Cake:		K+C*1000:	10%	H2O:	
Time:	18:00	HTHP-FL:		Hard/Ca:	200mg/l	Oil(%):	
Weight:	8.90ppg	HTHP-cake:		MBT:		Sand:	
Temp:				PM:		pH:	10.4
				PF:	0.4	PHPA:	0ppb

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment — Cumulative cost $ 393,694.61

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	0.0
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	4.7	0.1	343.4
Fresh Water	m3	18	15.3	0	248.3
Drill Water	m3	0	18	-1.4	248.4
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

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Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	1	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
FUGRO SURVEY LTD	2	Fugro Surveyors
DENT GROUP PTY LTD	2	Wellhead personnel
MO47 CREW	3	Rig move personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
MARCOM	1	Comms personnel
GEOSERVICES OVERSEAS S.A.	2	Mud Logging personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD / FEWD personnel
DRILLQUIP	1	Wellhead personnel
RPS HYDRO	1	Positioning QA/QC
Total	80	

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	7 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	13 Days	Complete BOP test	
Environental Issue	21 Sep 2005	10 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	7 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	01 Oct 2005	0 Days	Drill=2, Deck=8,	
Man Overboard Drill	10 Sep 2005	21 Days	Man overboard drill	
STOP Card	01 Oct 2005	0 Days	3 x corrective, 2 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**
Active	250bbl
Hole	923bbl
Reserve	1,194bbl

Losses	**0bbl**

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 01 Oct 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	337.0deg	1,009.0mbar	16C°	0.3m	337.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	3,716.00klb	1.0m	45.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
7	0.0
8	0.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	20:00hrs, 01 Oct		On Tow Bridle

Bulks

Item	Unit	Used	Quantity
Diesel	M3		356
Fresh Water	M3		382375

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				Item	Unit	Used	Quantity
				Drill Water	M3		610
				Cement G	MT		72
				Cement HT (Silica)	MT		54
				Barite Bulk	MT		100
				Bentonite Bulk	MT		65
				Brine	BBLS		430
Pacific Sentinel	19:00hrs 29th Sept		Standby at rig with backload from rig	Item	Unit	Used	Quantity
				Diesel	M3		390.9
				Fresh Water	M3		235
				Drill Water	M3		600
				Cement G	MT		0
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
				Brine	BBLS		0
Pacific Wrangler	1605hrs 30th Sept		Handling anchors	Item	Unit	Used	Quantity
				Diesel	M3		635.7
				Fresh Water	M3		247
				Drill Water	M3		380
				Cement G	MT		44
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		42
				Bentonite Bulk	MT		41.7
				Brine	Bbls		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1420 / 1445	10 / 15	Re-fuelled with 320 ltrs Jet A1

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Anzon Australia LIMITED

DRILLING MORNING REPORT # 58

02 Oct 2005 **From:** R.King/J. Wrenn
To: J. Ah-Cann

BASKER - 2

Well Data

Country	AUSTRALIA	MDBRT	3,414.0m	Cur. Hole Size	8.500in	AFE Cost	$24,733,636
Field	VIC-RL6	TVDBRT	3,344.6m	Last Casing OD	9.625in	AFE No.	34262-PM-05-AF-01-00
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,929.0m	Daily Cost	$280,360
Rig	OCEAN PATRIOT	Days from spud	48.83	Shoe MDBRT	2,945.0m	Cum Cost	$30,458,676
Wtr Dpth(MSL)	155.5m	Days on well	57.15	FIT/LOT:	13.10ppg / 0.00ppg	Days Since Last LTI	866
RT-ASL(MSL)	21.5m	Planned TD MD	3,414.0m				
RT-ML	177.0m	Planned TD TVDRT	3,344.6m				

Current Op @ 0600

Planned Op

Summary of Period 0000 to 2400 Hrs

Rig retreived anchors #6, 4, 7 and 1. As hauling in anchor #1, rig also hauled back over #5 anchor. Stopped hauling in on #5 to bolster #1 anchor. Continued to haul in #5 anchor until bolstered.

Operations For Period 0000 Hrs to 2400 Hrs on 02 Oct 2005

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
AR	P	AH	0000	0800	8.00	3,414.0m	#6, Bolstered at 00:15hrs, PCC to rig 00:35hrs #4, Bolstered at 00:58hrs, PCC to rig 01:10hrs #7, PCC to boat at 00:40hrs, Anchor off btm 01:50hrs, Bolstered at 03:15hrs, PCC at rig 03:27hrs Tow bridle connected to Far Grip at 03:55hrs #1 PCC passed to boat at 01:17hrs, Anchor off btm at 04:20hrs, Bolstered at 0607hrs, PCC back to rig at 06:20hrs Rig hauled back over #5 anchor as hauling in #1 anchor. Rig picked up and bolstered #5 anchor. OFFICIAL END OF WELL - 08:00 HRS, 02 OCT 2005

Phase Data to 2400hrs, 02 Oct 2005

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	154.5	06 Aug 2005	12 Aug 2005	154.50	6.437	0.0m
ANCHORING(A)	32	12 Aug 2005	13 Aug 2005	186.50	7.771	0.0m
PRESPUD(PS)	8.5	13 Aug 2005	14 Aug 2005	195.00	8.125	0.0m
CONDUCTOR CASING(CC)	9.5	14 Aug 2005	14 Aug 2005	204.50	8.521	209.0m
CONDUCTOR HOLE(CH)	18.5	14 Aug 2005	15 Aug 2005	223.00	9.292	209.0m
SURFACE HOLE(SH)	33	15 Aug 2005	16 Aug 2005	256.00	10.667	1,006.0m
SURFACE CASING(SC)	24.5	16 Aug 2005	17 Aug 2005	280.50	11.687	1,006.0m
RISER AND BOP STACK(BOP)	35	17 Aug 2005	19 Aug 2005	315.50	13.146	1,006.0m
EVALUATION PHASE (1)(E1)	16.5	19 Aug 2005	03 Sep 2005	332.00	13.833	2,741.0m
INTERMEDIATE HOLE(IH)	404.5	19 Aug 2005	05 Sep 2005	736.49	30.687	2,956.0m
INTERMEDIATE CASING(IC)	50.5	05 Sep 2005	07 Sep 2005	786.99	32.791	2,956.0m
PRODUCTION HOLE(PH)	96	07 Sep 2005	11 Sep 2005	882.99	36.791	3,414.0m
EVALUATION PHASE (2)(E2)	95.5	11 Sep 2005	15 Sep 2005	978.49	40.770	3,414.0m
PRODUCTION CASING/LINER(PC)	55.5	15 Sep 2005	18 Sep 2005	1,033.99	43.083	3,414.0m
COMPLETION(C)	312.5	18 Sep 2005	01 Oct 2005	1,346.49	56.104	3,414.0m
ANCHOR RETRIEVAL(AR)	25	01 Oct 2005	02 Oct 2005	1,371.49	57.145	3,414.0m

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WBM Data

Cost Today $ 0

Mud Type:	KCl Brine	API FL:	Cl:	560600mg/l	Solids(%vol):	Viscosity	26sec/qt
Sample-From:	Active	Filter-Cake:	K+C*1000:	10%	H2O:	PV	
Time:	18:00	HTHP-FL:	Hard/Ca:	200mg/l	Oil(%):	YP	
Weight:	8.90ppg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:			PM:		pH: 10.4	Gels 10m	
			PF:	0.4	PHPA: 0ppb	Fann 003	
						Fann 006	
						Fann 100	
						Fann 200	
						Fann 300	
						Fann 600	

Comment: Cumulative cost $ 393,694.61

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT		0	0	0.0
Bentonite Bulk	MT		0	0	59.8
Diesel	m3	0	0	0	343.4
Fresh Water	m3	0	0	0	248.3
Drill Water	m3	0	0	0	248.4
Cement G	MT	0	0	0	76.1
Cement HT (Silica)	MT	0	0		-0.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)
1	Oilwell 1700PT	6.000		97			
2	National 12-P-160	6.000		97			
3	National 12-P-160	6.000		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
30 "	209.00	209.00	174.50		
13 3/8"	1000.00	1000.00	173.53	173.53	14.17
9 5/8"	2945.00	2928.87	173.82	173.82	13.10
7 "	3413.00	3343.59	2853.94	2847.43	

Personnel On Board

Company	Pax	Comment
DOGC	47	All Diamond Personnel
UPSTREAM PETROLEUM	1	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
FUGRO SURVEY LTD	2	Fugro Surveyors
DENT GROUP PTY LTD	2	Wellhead personnel
MO47 CREW	3	Rig move personnel
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
MARCOM	1	Comms personnel
GEOSERVICES OVERSEAS S.A.	2	Mud Logging personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	2	MWD / FEWD personnel
DRILLQUIP	1	Wellhead personnel
RPS HYDRO	1	Positioning QA/QC
Total	80	

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HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	24 Sep 2005	8 Days	Complete abandon rig drill	Nighttime Abandon rig drill
BOPE Test	18 Sep 2005	14 Days	Complete BOP test	
Environental Issue	21 Sep 2005	11 Days	Environmental spill drill	
Fire Drill	24 Sep 2005	8 Days	Rig fire drill	Nighttime fire drill. Scenario was a fire in the well test package.
JSA	01 Oct 2005	1 Day	Drill=2, Deck=8,	
Man Overboard Drill	10 Sep 2005	22 Days	Man overboard drill	
STOP Card	01 Oct 2005	1 Day	3 x corrective, 2 x positive	

Shakers, Volumes and Losses Data

Available	**2,367bbl**	**Losses**	**0bbl**
Active	250bbl		
Hole	923bbl		
Reserve	1,194bbl		

Equip.	Descr.	Mesh Size
Shaker1	VSM100	4 X 230
Shaker2	VSM100	4 X 230
Shaker3	VSM100	4 X 230
Shaker4	VSM100	3 x 200, 1 X 165

Marine

Weather on 02 Oct 2005

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	337.0deg	1,009.0mbar	16C°	0.3m	337.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
253.0deg	0.00klb	3,716.00klb	1.0m	45.0deg	6s	

Comments

Rig Support

Anchors	Tension (klb)
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
7	0.0
8	0.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Grip	20:00hrs, 01 Oct		On Tow Bridle

Bulks

Item	Unit	Used	Quantity
Diesel	M3		356
Fresh Water	M3		382375
Drill Water	M3		610
Cement G	MT		72
Cement HT (Silica)	MT		54
Barite Bulk	MT		100
Bentonite Bulk	MT		65
Brine	BBLS		430

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Sentinel	19:00hrs 29th Sept		Standby at rig with backload from rig

Bulks

Item	Unit	Used	Quantity
Diesel	M3		390.9
Fresh Water	M3		235
Drill Water	M3		600
Cement G	MT		0
Cement HT (Silica)	MT		0
Barite Bulk	MT		0
Bentonite Bulk	MT		0
Brine	BBLS		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Wrangler	1605hrs 30th Sept		Handling anchors

Bulks

Item	Unit	Used	Quantity
Diesel	M3		635.7
Fresh Water	M3		247
Drill Water	M3		380
Cement G	MT		44
Cement HT (Silica)	MT		0
Barite Bulk	MT		42
Bentonite Bulk	MT		41.7
Brine	Bbls		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1420 / 1445	10 / 15	Re-fuelled with 320 ltrs Jet A1

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APPENDIX 3

DRILLING FLUIDS

Fluids Recap

Anzon Australia

Basker 2
Gippsland Basin
Appraisal Well
VIC/RL6

Prepared by: **Steve Jones**

MI SWACO

M-I *L.L.C.*

ONE-TRAX

DRILLING FLUID DATA MANAGEMENT SYSTEM

Operator:	Anzon	**Spud Date:**	14/08/2005
Well Name:	Basker 2	**TD Date:**	11/09/2005
Field/Area:	Gippsland Basin	**Location Code:**	7001
Description:	Appraisal Well	**Project Engineer:**	Steve Jones
Location:	VIC/RL6	**Mud Engineer:**	G.Howie/J.Singh
Warehouse:	Melbourne	**Mud Engineer:**	G.Sharpe/K.Leong
Contractor:	DOGC	**M-I Well No.**	26106

Comments: 4 days of troublefree OH logging

Type	Size in	Depth m	TVD m	Hole in	Max MW sp.gr.	Fluid 1	Fluid2	Drilling Problem	Days	Cost $
Casing	30	208	208	36	1.05	Spud Mud		None	1	15142.10
Casing	13.375	1006	1006	17.5	1.05	Spud Mud		None	3	20757.53
Casing	9.625	2945	2929	12.25	1.2	KCL/PHPA		None	21	245438.61
Liner	7	3414	3344	8.5	1.13	KCL/Polymer		None	8	36537.80
Liner	7	3414	3344	8.5	1.07	KCl Brine		None	7	75818.57

Total Depth: 3414 m TVD: 3344 m Water Depth: 153 m Drilling Days: 40 Total Cost: 393,694.61

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

CONTENTS:

– DISCUSSION BY INTERVAL

– DAILY DISCUSSION REPORT

– COST BY INTERVAL

– DAILY VOLUME SUMMARY SHEET

– TOTAL MATERIAL COST

– DRILLING FLUIDS SUMMARY

– PRODUCT CONSUMPTION

– DAILY MUD REPORTS

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DISCUSSION
BY
INTERVAL

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA BASKER-2

INTRODUCTION

Anzon was the operator of appraisal well, Basker-2, drilled in Vic/RL6, Bass Strait, Victoria, Australia using the Diamond Offshore semi submersible rig, Ocean Patriot. The rig arrived on location on 12th August 2005 after finishing the Henry-1 well for Santos. The water depth was 154.5m and air gap of 22m. Basker-2 was spudded on 14th August 2005 at 12:00 hrs.

The 36" hole was drilled to the interval TD, 209 metres RKB. 30" conductor was run and cemented with the shoe at 209 m.

The 17½" hole was drilled to 1008m and 13⅜" casing was set at 1006m and cemented with no problems.

The 12¼" section was started using a PDC bit on a 1.15° bent housing. Cement column and 13⅜" casing shoe track was drilled from 968m to 1005m using seawater. The hole was displaced to the 8% KCl/PHPA/Glycol mud. A leak off test obtained was 14.2 ppg MWE at 1001 m.

The 12¼" hole was drilled to 1689m when the hole was circulated clean and the bit pulled in to the casing shoe to pick up more drill pipe. Drilling progressed to 2497m when string was pulled out of hole to change BHA/Bit after unsuccessful attempts to kick off to build angle as per plan.

The upper string stabiliser got jammed in the middle pipe rams while tripping out due to inadvertent encroachment of one ram into the bore of the BOP stack. Fishing operations freed the stuck BHA after three days. In order to make repairs to damaged BOP stack, a packer was set at 262m RKB inside the casing and mud volume above was displaced with seawater prior to pull out BOP stack.

The BOP was repaired and re-run on 30th August 2005 and seawater displaced back to mud at 18:45 on 30th August 2005. The hole was found to be in good condition while running bit in after 9 days.

The well was drilled ahead using a 1.15° bent housing motor to build angle, to 2741, where a trip was made to change the BHA, to a 1.50° bend, and bit. While the drill pipe was out of the hole, Schlumberger ran a VSP log on wireline. After RIH, drilling continued with an average ROP of 5 metres per hour, to 2956 metres (2936m TVD). The hole was circulated clean and the DP was POOH to run 9⅝ " casing. The hole condition was very good, with the mud having excellent hole cleaning properties, with 6 rpm rheology readings of 16 and Yield point from 45 – 49 lb/100 sq ft, and all other properties as per program requirements.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

The 8½" interval was to be drilled with a fluid density of 1.12 sg.

Pit #1 which was now the active pit containing 1.2 sg mud from the previous interval was used to drill out the cement and 3 metres of new hole and do a FIT to an equivalent mud weight of 13.1 ppg.

During the time taken to run and cement casing etc, the 1.2 sg mud from the previous interval was cut back in density with 1.1 sg premix, KCl brine and drill water to have all pits except Pit#1 full with mud of density 1.12 sg. Chemicals were then added to bring the properties into line with the program.

After the FIT was performed, the well was displaced to the new 1.12 sg mud. There were no mud losses at the shakers during the displacement at which time the drilling was proceeding with a ROP in excess of 100 m/hr. 60 metres of new formation were drilled during the time it took to displace to the new mud. However the drilling rate slowed back to 5 – 10 m/hr, as it was before running casing, before the reservoir section was drilled.

The mud properties were as nominated in the program, exhibiting excellent hole cleaning, with a low fluid loss, both API and HPHT. Shaker screens were changed up to 230 mesh, and the desilter run to assist in maintaining the required density, together with the addition of concentrated low weight premixes added to the active system.

At 3158 metres, after some erratic torque, a wiper trip was made back to the shoe. This indicated the hole was in good condition. Drilling continued to 3310 metres, where a 600 psi pressure drop was noticed. The drill string was pulled out of the hole and the wash out was found to be in drill pipe. The new rotary BHA was made up drilling continued at a ROP of 5 m/hr to the final TD of 3414 metres (3344m TVD) where the hole was circulated clean. POOH to run Wireline logs and bottom hole hydrocarbon sampling. The maximum bottom hole static temperature recorded was 126^0 C (259^o F).

The 7" liner was run and cemented after wiper trip. The production zones were perforated in two groups. The well was displaced with 8.9 ppg Brine after scraper run. The 3½" / 4½" completion tubing was run in hole along with downhole tools.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

FORMATION TOPS

Formation	Prognosed		Actual		Thickness MD
	MDRT	TVDSS	MDRT	TVDSS	
Gippsland Limestone	176	154	177	155	1578
Lakes Entrance	1758	1736	1755	1733	333
Latrobe Formation	2092	2070	2088	2066	73
Base Tuna Flounder Channel	2167	2145	2161	2140	452
K2 Sand Marker	2601	2579	2613	2591	267
Ma2 Marker	2875	2844	2880	2850	175
Top Reservoir ZC1 marker	3035	2989	3055	3003	49
Top Zone 2 Sand	3095	3043	3104	3046	115
Top Zone 5	3208	3146	3219	3148	106
Top Volcanics Unit 1	3313	3241	3325	3243	89
TD			3414	3344	

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

Interval I	175 to 209 metres	36″ Hole	30″ casing set at 209m

MUD TYPE : SEAWATER / PRE HYDRATED GEL

MUD RELATED HOLE PROBLEMS : None

MUD PROPERTIES :

Mud Weight	:	8.7 ppg
YP	:	120 lb/100ft^2
API FL	:	N.C
Funnel Vis	:	> 150 sec /qt
Hardness	:	80 mg/l
MBT	:	>35 ppb

OPERATIONS:

Basker-2 was spudded on 14th August 2005 at 12:01 hrs using 17½″ bit with a 36″ hole opener pumping seawater. This section was drilled to 208m in 2 hrs without any problems. The 30″ casing was run and cemented in place at 208 metres with a permanent guide base.

MUD

35 ppb Gel was mixed in the pits in preparation for spudding. The hole was drilled using seawater and 35 bbls sweeps mid-stand and 50 bbls gel sweeps were pumped every connection. The hole was swept with 100 bbls at TD and hole displaced with 230 bbls of unflocculated Gel mud prior to pulling out of hole for running casing.

A total of 527 bbls of Pre Hydrated Gel was used for this section out of the 2363 bbl PHG mixed. The remaining 1836 bbls of Pre Hydrated Gel was carried over to the next section.

175 bbls of seawater with 24 sacks of Calcium Chloride were mixed for cementing.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

SOLIDS CONTROL

None used as returns were directed to seabed.

OBSERVATIONS AND RECOMMENDATIONS:

No changes are proposed.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

Interval II	209 to 1006 metres	17½" Hole	13⅜" casing set at 1000m

MUD TYPE : SEAWATER / PRE HYDRATED GEL

MUD RELATED HOLE PROBLEMS : None

MUD PROPERTIES :

Mud Weight	:	8.9 ppg
YP	:	122 lb/100ft²
API FL	:	na
Funnel Vis	:	> 150 sec /qt
PV	:	22 cp
MBT	:	>35 ppb

OPERATIONS

The 17½" drilling assembly was made up and run in hole to tag the cement at 205m. Drilling commenced using seawater with gel sweeps. The sweep regime consisted of 30 bbls PHG midstand and 50 bbls PHG on connections. No problems were encountered as drilling progressed at over 50 m/hr. At TD of 1006 m the hole was swept with 150 bbls PHG and displaced with 925 bbls PHG and 250 bbls weighted PHG.

The 13⅜" casing was run to 1000 m and cemented with no problems.

MUD

1836 bbls of PHG mud from the previous section was carried over to this section. As drilling progressed a further 1372 bbls of PHG was built to provide mud volume for the sweeps.

300 bbls kill mud was mixed to 9.5 ppg and held in contingency during the drilling. This was used as part of the displacement volume at TD.

A total of 3208 bbls of Gel was used for this section. 296 bbls were saved for the next section to be used as sweeps when drilling cement before displacement to the KCl polymer mud.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

SOLIDS CONTROL

No solids control was used as returns were to seabed.

OBSERVATIONS AND RECOMMENDATIONS

No changes are recommended as the Pre Hydrated Gel sweep system is the most cost effective way to drill this interval.

COST ANALYSIS- Riserless Section I & II

	Actual	Planned	Variance
Volume Built, bbl	5571	4023	38.48%
Cost per bbl, $	$6.37	$5.67	12.34%
Cost per M, $	$35.29	$23.05	53.10%
Bbl/m	5.54	4.06	36.45%
Cost, $	$35,501.05	$ 22,819.69	55.57%
M-I Gel Concentration, ppb	32.04	31.8	

The increased cost for the riserless sections was due to higher sweep volumes used than programmed. The Barite used was also not planned in the mud program. The effective concentration of Gel used was close to what was planned.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

Interval III	1006 to 2956 metres	12¼" Hole	9⅝" casing set at 2945m

MUD TYPE : KCl/PHPA/GLYCOL

MUD RELATED HOLE PROBLEMS : None

MUD PROPERTIES :

Mud Weight	:	8.8 – 10.0 ppg
YP	:	20-42 lb/100ft²
PV	:	10 – 20 CP
API FL	:	<6 ml
KCl	:	8 %
Glycol	:	3 %
MBT	:	<5 ppb
PHPA	:	1.0 – 1.5 ppb
Drill Solids	:	<5 %
PH	:	8.5 - 9.5
6 rpm	:	14 – 16
Gels (10 sec)	:	>9 lb/100 ft²
Gels (10 min)	:	25 lb/100 ft²

OPERATIONS:

The 12¼" PDC bit and BHA was run in hole to tag the cement at 968m. Drilling commenced using seawater to 1006 m where 150 bbls gel sweep was used to clean the hole. All returns were dumped at the shakers. The system was then displaced to the new KCl/PHPA/Glycol mud. Once the new mud returned at the shakers the system was closed in to maintain the active system. A leak off test was performed to 14.2 ppg after drilling into new formation at 1008m. Drilling proceeded to 1689m where the hole was circulated clean and the bit pulled out to the casing shoe. This was done to pick up more drill pipe.

Running back in hole to bottom, drilling continued to 2497m. After unsuccessfully trying to kick off into the inclined section the drill string was pulled out to change the bit. At 200m the bottom hole assembly became jammed in the blow out preventors. This required an extended period of fishing to free up. The BOP stack was pulled out to surface and repaired before running back in to drill ahead.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

A 12¼" tricone bit with 1.15° bent motor was run into the hole. The hole was in good condition even after 9 days of no circulation. Drilling continued with the well being kicked off using sliding and rotating from 2497m to 2741m. At this depth it was decided to POOH to change the bit and BHA. The bit was measured and found to be ⅛th of an inch undergauge.

While out of the hole, Schlumberger ran a VSP log on wireline from 2500 to 1700 metres.

The new 12¼" BHA was run back into the hole with 1.5° bent housing. The hole was tight at 2378m to 2393m. The string was worked through this section a number of times, then continued to run in hole. Then commenced sliding and drilling ahead, building angle.

After achieving an inclination of 28.9° the hole was drilled to a TD of 2956m.

MUD

A total of 1614 bbls of KCl/PHPA/Glycol mud was mixed prior to commencing the 12¼" hole section using 879 bbls of 16% KCl brine received from Pacific Wrangler.

A sweep of 150 bbls PHG mud from the previous section was used to clean the hole after drilling through the cement. The remainder PHG mud was dumped to provide the required pit space for mixing reserve volumes of KCl/PHPA/Glycol mud.

Directly after displacement another 1037 bbls 16% KCl brine was brought on board to mix another 1910 bbls of KCl/PHPA/Glycol mud.

Daily mud losses over this period were significant as the high volume of cuttings required frequent cleaning of the shaker header box resulting in 45 bbls loss each time. This was also compounded by rough weather which caused the header box to overflow as the rig rocked from side to side. The high polymer content also caused conventional losses over the shakers

The volume of mud above the retrievable packer set at 262m was displaced with seawater and 50 bbls mud was dumped overboard due to no pit space to accommodate this. The surface volume was treated with Caustic, Glute and Soda ash while repairing BOP for extended time.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

The seawater was displaced back to mud before pulling the packer out after re-installing the BOP stack. 145 bbls of mud was lost in the process of displacing riser seawater volume back to the active due to severe contamination.

The well was circulated once at the shoe while running in hole. The mud returned from bottoms up sample was found to be very thick but most properties were within specifications. 100 bbls of this mud was dumped/lost on shakers before the system was conditioned over one circulation. Subsequently the mud system was treated with Caustic, Glute, PolyPac UL, Glydrill MC, Soda Ash, OS-1 and Duovis to bring properties in order in six hours of drilling.

The active volume was maintained by using premixes typically containing 2 ppb each of DuoVis, PolyPac UL and Polyplus. 3.5 % by volume of Glydrill MC was also added to premixes. 3 bags of dry KCl were added to system to restore KCl content from 6 to 7% in active. The low end rheology was also increased with 6 rpm lifting up to 15.

A total of 6135 bbls of 8% KCl / PHPA / Glycol mud was built for this interval. Of this 3250 bbls were consumed during drilling operations and 2885 bbls transferred to the next interval. This transforms to an effective dilution factor of 1.67 against the planned value of 1.10. The higher than usual dilution factor for 12 ¼ " hole is attributed to the additional time it took to drill this section than planned.

SOLIDS CONTROL

The shakers were dressed initially with (4 x 110), (4 x 84), (3 x 84, 1 x 110), (3 x 120 x 1 x 110) mesh used screens with 10 mesh scalping screens. These were immediately reduced to (4 x 84), (4 x 84), (3 x 84, 1 x 110), (4 x 84) mesh after displacement to minimise mud loss over the shakers. As soon as the temperature of the mud increased sufficiently, the screens were changed out to 165 and 180 mesh.

The desilter was used for 2 hours at 2489m to assist in maintaining the mud weight at 10.0 ppg. Mud discharged at approximately 30 bbls/hour at 14.3 ppg. This very quickly brought the mud weight under control. Desilter was again used at 2600m to control solids build up with underflow discharge of 2 ppg above than the feed density.

DOWNHOLE LOSSES

No downhole losses were observed while drilling the section.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

OBSERVATIONS AND RECOMMENDATIONS

No cavings were observed on the shakers while drilling.

Big chunks of filter cake pieces were noticed when drilling resumed after BOP repairs. The hole was observed to be in good condition with trouble free trip into hole after 9 days of no circulation. The mud properties were not affected by the bottom hole temperature as noticed by performing tests on mud going in the hole and mud returning back on shakers.

Glydrill MC was suitably selected for the bottom hole temperature and chloride contents and performed well as no depletion was noticed due to clouding at surface temperatures with most of it going back into solution at shakers. Concentrations of 3 - 4% by volume were sufficient to provide cuttings inhibition.

The mud density of 10 ppg in 12¼″ section with long open hole exposed area was sufficient to overcome formation stresses and provide hole stability.

The low rhelogy of 6 rpm readings of 10 - 14 were enough to provide good hole cleaning with 800 - 850 gpm of circulation rates.

The API filter loss control was maintained less than 5 cc per 30 minutes with corresponding HPHT filter loss in the range of 18 - 10 cc per 30 minutes at 250^{0}F. The bottom hole circulating temperature from MWD data was 150^{0}F.

The XR type shaker screens used on this well performed to a high standard with life of more than 48 hrs.

Effective jetting lines in the header box would reduce mud losses caused by clearing the header box.

COST ANALYSIS

The section cost of 245k was within 10% of the estimated cost of 227k. The difference between using sacked KCl as programmed and KCL brine accounts for most of this sum. Another factor was the higher than anticipated dilution rate.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

Interval IV	2956 to 3414 metres	8½″ Hole	7″ liner 2854 to 3413m

MUD TYPE : KCl/POLYMER

MUD RELATED HOLE PROBLEMS : None

MUD PROPERTIES :

Mud Weight	:	1.1- 1.12 sg
YP	:	28 – 37
PV	:	14 - 19
API FL	:	4 - 5 cc
KCl	:	5 - 6 %
IDCAP	:	Allowed to deplete
Glycol	:	Allowed to deplete
MBT	:	<5 ppb
Funnel Vis	:	54 - 74 sec/qt
Hardness	:	320 - 400 mg/l
PHPA	:	Allowed to deplete
Drill Solids	:	3-5 %
PH	:	8.0 - 9.5
6 rpm	:	10 - 12
Gels (10 min)	:	25 lb/100 ft^2

OPERATIONS

The 8.5″ bottom hole assembly was made up with a Security FM3743 bit and run in hole to tag the cement at 2918m. Mud from the previous interval was used to drill the rat hole to 2959m. There a formation integrity test was conducted to 13.1 ppg before displacing the mud system to the 6% KCl / Polymer mud.

Drilling continued at high rates of penetration initially. At times reaching an average of 80 m/hr. Cuttings loading over the shakers were high as consistent with the drilling rate achieved. This ROP soon slowed to 5 - 10 m/hr as in the previous interval. At 3158m the driller noticed unusually high rotational torque on the top drive and the decision was made to pull out to the shoe in an attempt to clear any cuttings build up. The system was circulated for 3 hours at the shoe before running back in to resume drilling.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

The average rate of penetration eventually tapered back down to 10 m/hr. A pressure drop of approximately 600 psi at 3310m indicated a washout in the drill string. After locating the damaged drill pipe at stand 65, the bottom hole assembly was pulled out of the hole to change to a new bit and remove the mud motor.

Drilling in the volcanic formations brought the average rate of penetration to 5 m//hr. Finally 3344 metres was declared TD for the well, the hole was circulated clean then POOH to run Schlumberger logs. The logging and downhole sampling of formation fluids went trouble free for 4 days. The 7" liner was run and cemented after performing a wiper trip.

MUD

2885 bbls of 8% KCl / PHPA / Glycol mud from the previous interval were brought over to provide the base formulation for the 6% KCl / Polymer mud required for this section. From this initial volume, 1315 bbls were used for drilling out the cement shoe and this cement contaminated mud system was dumped and replaced with reduced density mud. This volume was dumped when displacing to the new mud system while drilling into new formation.

A total of 1651 bbls of 6% KCl / Polymer mud was made up by diluting the old mud with drill water and adding Duovis and Polyplus UL to achieve the programmed mud properties. The existing PHPA and Glycol content of the mud was allowed to naturally deplete. The initial mud weight of 9.4 ppg was maintained throughout the interval.

SOLIDS CONTROL

The shakers were initially dressed with 180 mesh screens from the previous interval. These were all quickly changed down to 165 mesh screens when drilling commenced as the combination of cold unsheared mud and the high rates of penetration quickly overwhelmed the maximum capacity of the shakers. The shaker screens were eventually changed up to 230 mesh on shakers #1, #2, and #3 as the cuttings load decreased.

The desilter was used to assist in minimising fines build up in the mud and maintaining the mud weight at 9.4 ppg. Mud was discharged at approximately 15 bbls/hour at 11 ppg.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DOWNHOLE LOSSES

No ongoing downhole losses were noticed in this interval. After pulling out of the hole for wireline logging 35 bbls was noted to have been lost to formation.

OBSERVATIONS AND RECOMMENDATIONS

As usual the active mud required two circulations before shear thinning allowed it to effectively flow through the shaker screens. This problem was compounded by the high solids loading from drilling at over 80 m/hr whilst displacing to the new mud. Mud losses can be minimised by limiting the flow and rate of penetration to 70% for the first two circulations.

Overall the XR type screens used for this well performed to a very high standard. The enhanced flow rates of these screens allowed the shakers to be quickly dressed up to 230 mesh screens. A main point to note is that the XR type of shaker screen has been observed to have a usable life of up too 150% longer than the standard screens stocked by Diamond Offshore on Ocean Patriot.

The mud system performed well with good hole cleaning properties as observed by the large quantity of cuttings over the shakers. Solids content remained low throughout the drilling. No hole stability problems were experienced at any stage even through the wireline logging phase. The open hole was estimated to be approximately 5% over gauge.

COST ANALYSIS

The total mud volume used during this interval of 3478 bbls was significantly more than programmed volume of 1792 bbls. Some of this can be attributed to losses at the shakers during the initial displacement as discussed earlier. Installing a shearing device to shear the freshly mixed mud can help in reducing these losses. However a significant volume was mixed during the final stages of the interval where the average rate of penetration dropped down to 4 m/hr to keep up with the continuous losses on the solids control equipment. The prolonged drilling period allowed the normal losses through the solids control equipment to accumulate into significant volumes. The desilter/desander act as a regulated dumping of the drilling mud system and dilution is done with premixes, in the absence of the centrifuge which can the tuned to discard only solids portion of the mud and keeping the polymer rich liquid portion in the mud. The interval cost was 36k compared to the estimate of 24k.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

Interval V	Completion & Testing	8½" Hole	7" liner 2854 to 3413m

COMPLETION FLUID : 8.9 ppg KCl brine

BRINE PROPERTIES :

Density	:	1.07 sg 8.9 ppg
NTU	:	< 50 after filtration
Chlorides	:	55500 mg/l
KCl	:	10% wt
Funnel Vis	:	26 sec
Hardness	:	120 mg/l
pH:	:	10.5
Sulphites	:	> 250 mg/l

BRINE OPERATIONS

500 bbls of 16% KCl brine was taken in Pit 5 after flushing the pit with seawater before the transpacific pit cleaning crew came on board. A filtration unit was operated by Scotttech services. The pit 4 was cleaned out by transpacific crew to the satisfaction of completion engineer on board and the contents of pit 5 were filtered into pit 4. Due to solids sediments settled on the bottom of pit 5 the filters on the unit had to be changed twice and the NTU's were increasing to 850 on initial run from 165. So only 200 bbls of Pit 5 was filtered into Pit 4 and filter unit run on itself to bring the NTU reading below 50.

Pits 3, 4 and 1 were cleaned to completions standard before bringing the Pacific Sentinel in to transfer brine. Some of the brine received had been contaminated with dirty water in the Sentinel's tanks. A total of 940 bbls of 9.2 ppg brine was received, of which 650 bbls was clean brine and 290 bbls contaminated brine. The remaining 288 bbls of unfilterable brine from pit 5 was dumped to clean the pit.

After cleaning pit 5 the 288 bbls of contaminated brine was filtered. The whole brine stock was diluted back using 396 bbls of Drill Water and 2 MT of KCl to make a total of 1556 bbls of 8.9 ppg brine in pits. The brine was again filtered to less than 15 NTU.

The 140 bbls high viscosity pill was mixed with 3 ppb DuoVis in Pit 1 using 8.9 ppg filtered KCl brine and fluorescent dye was added to it.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

The scraper and riser brushes were run in hole to clean out the casing/debris after pressure testing BOP stack during WOC and the drilling mud in the well was displaced to seawater and returns dumped over board. During this operation the trip tank and trough in the shaker house was cleaned out to provide clean passage for brine.

40 bbls Hi-Vis sweep was pumped ahead of seawater to displace hole to seawater. All the mud returns were dumped overboard and hole circulated until clear returns were observed.

The brine weight was adjusted with 2 bags of KCl when 60 bbls of seawater overflowed from another pit.

The 70 bbls of surfactant pill was made up in the Slug pit using 3 drums of SafeSurf WN mixed in seawater and pumped down hole. 40 bbls Hi-Vis sweep was pumped before and after the surfactant pill and hole was displaced to Brine. A total of 242 bbls was dumped at shaker before clear brine returns were observed. Despite this some foaming on the flow line & pits was observed due to residual surfactant.

The 7″ liner was displaced to HEC pill made with SafeVis and Triethaloamine for temperature stability and string was pulled above this. The brine was inhibited while circulating in the 9⅝″ casing using SafeCor, Caustic, SafeVis, Gluteraldehyde and OS-1. 35 bbls slug containing 5 gal of filming corrosion inhibitor was pumped in the string to carry further trip out of hole and laying down the drill pipes.

The well was logged for Cement Bond and Gamma Ray before the zones of interest were perforated. The trip tank was observed closely after perforations for 12 hrs and noted to take 1.5 bbls in 12 hrs. The downhole losses were minimal and HEC pill made with Trietahloamine was viscous enough to prevent formation invasion.

The wear bushing was recovered and BOP/well head was jetted using brine in hole and the riser volume was replaced with freshly inhibited brine.

At this stage the mud engineer on board was sent off rig due to shortage of beds and further completion operations carried out before releasing the rig to BSOC.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DAILY DISCUSSION REPORT

MI SWACO	Operator : Anzon	Field/Area : Gippsland Basin	Daily Discussion
	Well Name : Basker 2	Description : Appraisal Well	
	Contractor : DOGC	Location : VIC/RL6	M-I Well : **26106**

14/08/2005	TD = 208 m	Day 1

Spudded well. Drilled 32.6 meters of formation to interval depth 204 meters. Pumped hi-vis sweeps every 10 meters, 100 bbls at interval TD then displaced 1.5 times open hole volume. Total hi-vis mud used 527 bbls. Running 30" conductor.
Mixed PHG spud mud for sweeps. Mixed CaCl2 in 175 bbls seawater for cement job in pit #1.
Received bulk gel, bulk barite and chemical load out.

15/08/2005	TD = 472 m	Day 2

Pumped 105 bbl cement slurry at 15.8 ppg. WOC. RIH to tag cement at 205 m. Drilled 17.5" hole to 472 m.
PHG hi vis gel mud was used to sweep the hole clean. 30bbl mid stand and 50bbl sweep on connections.
PHG was mixed as required to maintain 4 pits of gel mud ready for use. Mixing 300 bbls 9.5ppg Kill mud in pit #2.

16/08/2005	TD = 1006 m	Day 3

Drilled to TD of 1006 m with 30 bbl sweeps midstand and 50 bbl on connections. Swept hole clean with 150 bbl PHG. Displaced hole with 925 bbl PHG and 250 bbl weighted PHG. POH.
Mixed 370bbl PHG to replace volume consumed in sweeps.
Correlated Gel and Bayrite inventory figures to barge report 16 August 2005.

17/08/2005	TD = 1006 m	Day 4

Continued POH. Rig up to run 13 3/8" casing. Land and cement casing with shoe at 998 m.
Mixing approx 1800 bbls KCl/PHPA/Glycol mud for next interval.
Collected residual Gel mud, 294bbls, into pit 2 for sweeps drilling through cement shoe. Cleaned pits 5, 4, 3 and 1 for receiving KCl brine.
Received 879 bbl 16% KCl brine from Pacific Sentinel.

18/08/2005	TD = 1006 m	Day 5

Pressure test lines and run riser stack.
A total of 1611 bbls KCl/PHPA/Glycol mud has been mixed ready to displace for 12 1/4" hole section.
Mixed 474 bbl concentrated KCl/polymer/glycol mud for trickle feeding into the active system after initial displacement.

19/08/2005	TD = 1006 m	Day 6

Latched riser. Ran wireline tests. Made up BHA and pick up drill pipe.
Treatment made to mud system today to adjust rheology. Waiting on displacement.

20/08/2005	TD = 1492 m	Day 7

RIH. Tagged cement at 968 m. Drilled to casing shoe with seawater. Swept clean with 150 bbl PHG. Displaced with new KCl/PHPA/Glycol mud. Drilled rathole and performed LOT to 12.49 ppg. Drilled ahead.

Shaker screens were changed out to utilise the coarsest screens available. 8 new 84 mesh ANZON screens were used. 1 new Anzon 110 mesh screen used later.
Mixing premix mud to add to active to maintain properties and volume.
Large volume of individual cuttings indicating good hole cleaning at present ROP of 50 - 80 m/hr.
150 bbl PHG from the open hole section, used to sweep the hole clean when drilling cement. The remainder dumped. Received 1037 bbls 16% KCl brine from Pacific Wrangler.
Displaced hole to KCl/PHPA/Glycol mud. Some losses at the shakers. Changed all screens back to 84 mesh until mud warmed up. (Now have 120 & 110 mesh screens on 2 shakers.) Adding concentrated premix mud to active to bring properties in line as programmed.

21/08/2005	TD = 1893 m	Day 8

Drilled to 1689 m., circulated bottoms up before pulling back to shoe. Picked up more drill pipe. RIH to tag bottom with no fill. Continued drilling to 1893 m.

Screened up shaker #2 to 4 x 165 mesh new screens from ANZON stock. Now drilling ahead. Good hole cleaning. Cuttings dry with good integrity.
Weighed up system to 9.4ppg before POOH. Increasing mud weight to 10 ppg after RIH.
A concentrated premix was bled into the active system as required to maintain volume and programmed properties. Increased active system weight to 1.2 sg (10 ppg)

22/08/2005	TD = 2438 m	Day 9

Drilled ahead to 2409 m. Dumped header box when overloaded with cuttings. Some losses at shakers caused by rig rolling in rough seas.

Changed screens on shaker #3 to 4 x 165 mesh, shaker #1 to 180 mesh, shaker #4 to 2 x 180, 2 x 165 screens. All new screens from ANZON stock.
Mixed another 500 bbl concentrated mud for bleeding into active. Continued bleeding in pre-mix to maintain programmed properties and provide drilled hole volume. Also adding drillwater at 10 bph to active through hose.

23/08/2005	TD = 2497 m	Day 10

Slide drilling to 2497 m attempting to build angle. POOH to change BHA for building angle. String stuck in well head.

Ran desilter for 2 hours to maintain mud weight at 10.0 ppg. Desilter discard at 30 bbl/hr at 14.3 ppg.
Treating entire system with glute to prevent bactrerial degradation of polymers. Also boosting rheology with Duovis in preparation for deviated drilling. Used 2 x new 165 mesh screens.

24/08/2005	TD = 2497 m	Day 11

Continued jarring and working BHA free of BOP.
No treatment to mud. Set up HPHT equipment. Dumped and cleaned Header box.

25/08/2005	TD = 2497 m	Day 12

Dumped and cleaned Slug pit (16 bbl). Transferred Pit 5 to Pit 1 to make room for taking on board Brine (700 bl out of 1000 bbl) from boat departing to shore. Dumped 52 bbl mud while displacing riser to SW due to insufficient pit room. Riser Volume + casing volume to 272 m (packer depth) = 262 bbl SW.
Inventory Correction: 16 drums Glydrill MC-shown as consumed earlier.

26/08/2005	TD = 2497 m	Day 13

Continued to investigate BOP to identify faults.
Added Glute to active and premix pits. Added Caustic Soda to active to boost pH.

27/08/2005	TD = 2497 m	Day 14

Worked on BOP stack.
Took 700 bbl (max pit room) of 16% KCl brine (9.2 ppg) from Pacific Sentinel.

28/08/2005	TD = 2497 m	Day 15

Continued to test and repair BOPs.
Received completions chemicals and Duovis on Wrangler.

29/08/2005	TD = 2497 m	Day 16

Repaired BOP. Running BOP stack.
Treated surface active mud with Caustic Soda to adjust pH and Soda Ash to reduce hardness.

30/08/2005	TD = 2497 m	Day 17

Displaced well to mud prior to P/O packer and dumped SW at shakers untill clear returns.

31/08/2005	TD = 2577 m	Day 18

RIH broke circulation on the way down to the shoe and again at the shoe. Continued to RIH to bottom. Tight hole at 2100m. Circulated B/U. Commenced sliding to build angle.
Lost/Dumped 100 bbl of high solids thick mud on shakers on bottoms up. No polymer degradation noticed. Observed chunks of filter cake over shakers. Treated system with chemicals. Used barite to maintain mud wt. Could not add KCl Bags to active due to wind. 100 bbl SW leaked into brine Pit 5 & 4 due to leaky valve.

1/09/2005	TD = 2664 m	Day 19

Started sliding to build angle. Very slow ROP. Continued to slide / drill to 2664 m.
Maintained volume with premixes and enhanced 6 rpm to 14. Added 3 bags KCl to restore K+ level. Added OS-1 to lower dissolved oxygen.
HPHT 8 cc @ 180F, 14.6 cc @ 250F. Desilter underflow 12 ppg. No shaker screens usage, XR type performing OK.

2/09/2005	TD = 2741 m	Day 20

Continued sliding / drilling to 2741m. Circulated to condition mud. POOH to change BHA.
Mixed 225 bbls premix in pit 1. Adding unweighted premix from pit 2 to maintain propeties and volume. Ran desilter for 6 hrs to reduce mudweight.

3/09/2005	TD = 2741 m	Day 21

Changed screens on #3 shaker up to 180 mesh. Replace 2 x 180 mesh on Shaker #4.
Continue POOH. Run Schlumberger VSP Log.
Pick up new BHA. RIH. Lost approx 20 bbls cold mud at shakers when testing MWD.
No mud treatment.

4/09/2005	TD = 2845 m	Day 22

RIH to 2741. Circulated, commenced sliding. Continued drilling and building angle required to 2845 m. (HPHT run at 82 deg C = 9.8cc).
Added Caustic Soda to active to increase pH. Dressed all shakers with 180 mesh screens. Added premix to active to maintain programmed properties.

5/09/2005	TD = 2956 m	Day 23

Continued drilling and sliding. Drilled to 2956m TVD 2936m. Inclination 28.8 deg. Circulate hole clean. POOH to run 9 5/8" casing.
HPHT @ 82 deg C = 10.4cc.
Received remander of 16% brine from Sentinal (170 bbls) total received 870 bbls.
Continued additions of premix to active to maintain properties.

6/09/2005	TD = 2956 m	Day 24

Continued to POOH to run 9 5/8" casing. Running casing.
Mixing active mud, brine, premix mud and drillwater to make 9.2 ppg mud for next interval.

7/09/2005	TD = 2956 m	Day 25

Ran and cemented casing with shoe at 2945 m. (2929m TVD). POH. Picked up 8.5" BHA.
Continue mixing 9.2ppg mud for 8 1/2" interval. Have 1614 bbls mud at 9.2 ppg. (All pits full) Adding chemicals to bring properties into line with program specs. Waiting on crane to add 1 mt bulk bags of KCl to pits.

8/09/2005	TD = 3119 m	Day 26

Completed making up the 8.5" BHA. RIH to 2918 m. Drilled out rat hole to 2959 m. Perfirmed FIT to 13.1 ppg. Displaced to 9.2 ppg mud while drilling new formation. Dumped cement contaminated 10 ppg mud from previous interval. Used other as part of new 9.2ppg mud premixes.
Changed holed shaker screen with good used 180 mesh screen.Screened back to 165 mesh on 2 shakers while mud warming up.
Adding premix mud to active system to maintain volume and required properties. Treating active to raise 6 RPM reading and reduce HPHT fluid loss.

9/09/2005	TD = 3310 m	Day 27

Drilled to 3158 m. Pulled out to shoe. RIH. Drilled ahead to 3310m, (3251m TVD). Pressure drop ~600 psi. POOH looking for washout.

Screened up shaker #1 and #3 to all new 230 mesh. Also used 4 new 165 mesh screens for replacing damaged screens on shakers #2 and #4.
Treated active mud to boost rheology, tighten fluid loss and maintain programmed properties.

Ran the desilter for 6.5 hours to minimise fines content.

10/09/2005	TD = 3350 m	Day 28

Located drill pipe wash out at stand 65 (~1950 m). Continued to pull out of hole. Pick up new bit. RIH. Drilled ahead to 3350 m.

Screened up shaker #2 to 230 mesh using 2 new screens and 2 used screens. Replaced 3 x 230 mesh broken screens with 3 new screens.
Mixed another 100 bbl premix in Pit #2 to provide additional volume for maintaining active system. Bleeding into active at 10 bbl/hr.

Running desilter to assist in controlling fluid density, with 8.7ppg premix being added to active.

11/09/2005	TD = 3414 m	Day 29

Drilling continued at 5 m/hr to TD of 3414m (3344m TVD). Circulated bottoms up and flushed choke and kill lines. POH. Rigged up for wireline.

Replaced 2 x 200 mesh screens on shaker #4 with good used screens. Also replaced 1 x 230 mesh screen with new screen on shaker #1.
An 8.7 ppg premix was bled into the active in combination with running the desilter to maintain an active mud weight of 9.3 ppg.

Ran desilter for 12 hours. Made up another 235 bbl 8.7 ppg premix to bleed into active system. Mud properties very good. System treated with Glute and OS-1 oxygen scavenger in anticipation of 3 days logging.

12/09/2005	TD = 3414 m	Day 30

Running wireline logging.
Kwik Seal sacks charged for have been used on slippery floor in sack room.
Converted pit #2 into the active circulating mud system. Dumped residual mud from pits #1, #3, #4 and slug. Rinsed all pits with seawater. Also cleaned out header box on shakers.

13/09/2005	TD = 3414 m	Day 31

Continued running wireline logging.
Rinsed seawater through pits #3, #4, #1 and slug. Hosed down shakers and header box.

Waiting on weather to receive brine from Pacific Wrangler. Also waiting on pit cleaning crew.

14/09/2005	TD = 3414 m	Day 32

Wireline logging.

Waiting on pit cleaning crew.
Corrected Guar Gum stock by 8 sks.

15/09/2005	TD = 3414 m	Day 33

Wireline logging. Started wiper trip prior to run liner.
Cleaned Pit #4. Filtered brine from Pit #5 into pit #4, filters got plugged up twice.
250 bbl of dirty brine left in pit #5.
220 bbl clean brine in pit #4.

16/09/2005	TD = 3414 m	Day 34

RIH for wiper trip. Circulated bottoms up. Performed flow check. POH. Lay down BHA. Started running 7 inch liner.
Cleaned pit #3 and #1. Run filteration unit on 212 bbl in Pit 4 to lower NTU to 50. Dumped dirty 288 bbl from Pit 5 and cleaned it.
Took 650 bbl of 9.2 ppg KCl brine from Sentinel in Pit 4 (288 bbl) & Pit 3 (362 bbl).
Also took 290 bbl contaminated brine (8% KCl) in Pit 1 (218 bbl) & Slug Pit (72 bbl).

17/09/2005	TD = 3414 m	Day 35

RIH with 7 inch liner, land and cement. Observed good returns while cementing. Dumped returns on reverse out. WOC.
Finished cleaning pit #5. Filtered contaminated brine in pit #1 and slug.
Made up 1556 bbls of 8.9 brine in pits #3, #4, #5 and #1 by diluting and adding bulk bags of KCl.
Filtered brine in pits #3 and #4.

Used 1 guar gum for liner hanger.

18/09/2005	TD = 3414 m	Day 36

POH with cement stinger. Function test BOP. Prepare BHA for scraper run. R/I hole casing clean up tools.
Filtered brine in pits to less than 10 NTU. Lost 8 bbls brine gravity flushing old mud from suction lines in pit #5. Made up HiVis spacers in pit #1. Added dye to HiVis.

19/09/2005	TD = 3414 m	Day 37

RIH with cleaning assembly. Tagged cement at 3380 m. Cleared to 3384 m. Displaced hole to SW and then to brine. Placed 60 bbl HEC pill.
P/O to 9 5/8 casing laying down pipes.

Took 250 bbl KCl brine from Sentinel.
Received 31 sks of OS-1 from Wrangler

Pumped 40 bbl HiVis sweep & Displaced well to seawater. Circulate clean. Pumped 40 bbl HiVis sweep + 60 bbl surfactant (5%) pill + 40 bbl HiVis sweep. Displaced hole to 8.9 ppg Brine. Dumped returns until clean. Mixed 70 bbl HEC pill with TEA.
The trip tank and flow line were cleaned before commencing the brine displacement.
Used 2 bags of KCl to restore brine density as 60 bbl SW flowed into Pits. Used 1 Bag KCl for making slug.

20/09/2005	TD = 3414 m	Day 38

Circulated & inhibited brine inside 9 5/8 casing. POH sideways. Rig up to run CBL.
Inhibited brine down hole while circulating using SafeCor, Caustic, Biocide, OS-1. Dumped HEC contaminated returns.
Prepared barafilm brine for trip tank and slug.

21/09/2005	TD = 3414 m	Day 39

Conducted Cement bond logs. Running Perforation guns.
Took 415 bbl 9.1 ppg Brine from Wrangler and cut back density to 8.9 ppg. Dumped and cleaned Pit 1 containing left over 35 bbl HiVis pill.

No losses observed after perforations.

22/09/2005	TD = 3414 m	Day 40

Completed preforation and junk basket runs. R/I to recover wear bushing. Jetted BOP stack. Recover wear bushing. Run impression tool.
Running tubing.
Displaced riser volume to clean 8.9 brine (inhibited with 600 ppm Glute, 1.15% SafeCor, 0.5 ppb Caustic & OS-1) from Pit 5 after jetting stack.
Took dirty returns in Pit 3/Slug Pit without discharging overboard due to high Biocide content (could be release to ocean after 200% dilution in pits).

Took 485 bbl of 9.15 ppg (15%) KCl brine from Wrangler & stored in Pit 1 & 2.

Chemical cost corrected (reduced) for 16 x Glydrill MC charged earlier.

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

COST
BY
INTERVAL

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 36" INTERVAL 14/08/2005 - 14/08/2005, 175 - 209 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CALCIUM CHLORIDE Sacks	25 KG BG	26	15.33	398.58
2 - CAUSTIC SODA	25 KG DM	5	30.46	152.30
3 - SODA ASH	25 KG BG	4	17.19	68.76
4 - MI Gel (Bulk)	1 MT BG	38	382.17	14522.46

SUB TOTAL:	15142.10
TAX:	0.00
WATER-BASED MUD TOTAL COST:	15142.1

TOTAL MUD COST FOR INTERVAL: 15142.1

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC
Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 17-1/2" INTERVAL 15/08/2005 - 17/08/2005, 209 - 1006 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	10	30.46	304.60
2 - SODA ASH	25 KG BG	12	17.19	206.28
3 - MI BAR (Bulk)	1 MT BG	11	358.06	3813.34
4 - MI Gel (Bulk)	1 MT BG	43	382.17	16433.31

SUB TOTAL:	20757.53
TAX:	0.00
WATER-BASED MUD TOTAL COST:	20757.53

TOTAL MUD COST FOR INTERVAL: 20757.53

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC
Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 12-1/4" INTERVAL 18/08/2005 - 7/09/2005, 1006 - 2956 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	10	30.46	304.60
2 - DEFOAM A	5 GA CN	1	92.24	92.24
3 - DUO-VIS	25 KG BG	161	302.03	48626.83
4 - GLUTE 25	25 LT CN	40	121.35	4854.00
5 - OS-1	25 KG BG	43	50.29	2162.47
6 - POLYPAC UL	25 KG BG	125	126.76	15845.00
7 - SODA ASH	25 KG BG	21	17.19	360.99
8 - POTASSIUM HYDROXIDE	25 KG CN	20	45.13	902.60
9 - KCl BB	1 MT BG	4	669.89	2679.56
10 - MI BAR (Bulk)	1 MT BG	57	358.06	20337.81
11 - BRINE KCl 16%	1 BL BL	2786	18.00	50148.00
12 - POLY PLUS DRY	25 KG BG	90	140.00	12600.00
13 - GLYDRIL LC	55 GA DM	52	774.13	40254.76
14 - GLYDRIL MC	220 KG DM	95	487.05	46269.75

SUB TOTAL:	245438.61
TAX:	0.00
WATER-BASED MUD TOTAL COST:	245438.61

TOTAL MUD COST FOR INTERVAL: 245438.61

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC
Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR 8-1/2" INTERVAL 8/09/2005 - 15/09/2005, 2956 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	7	30.46	213.22
2 - CITRIC ACID	25 KG BG	1	50.50	50.50
3 - DEFOAM A	5 GA CN	3	92.24	276.72
4 - DUO-VIS	25 KG BG	60	302.03	18121.80
5 - GLUTE 25	25 LT CN	10	121.35	1213.50
6 - OS-1	25 KG BG	8	50.29	402.32
7 - POLYPAC UL	25 KG BG	97	126.76	12295.72
8 - SODIUM BICARBONATE	25 KG BG	2	14.54	29.08
9 - KWIKSEAL MEDIUM	40 LB BG	3	39.14	117.42
10 - POTASSIUM HYDROXIDE	25 KG CN	3	45.13	135.39
11 - KCl BB	1 MT BG	4	669.89	2679.56
12 - MI BAR (Bulk)	1 MT BG	3	358.06	1002.57
SUB TOTAL:				36537.80
TAX:				0.00
WATER-BASED MUD TOTAL COST:				36537.8

TOTAL MUD COST FOR INTERVAL: 36537.8

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

PRODUCT USAGE FOR COMPLETION INTERVAL 16/09/2005 - 22/09/2005, 3414 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CAUSTIC SODA	25 KG DM	16	30.46	487.36
2 - DEFOAM A	5 GA CN	4	92.24	368.96
3 - DUO-VIS	25 KG BG	9	302.03	2718.27
4 - GLUTE 25	25 LT CN	6	121.35	728.10
5 - GUAR GUM	25 KG BG	1	79.62	79.62
6 - OS-1	25 KG BG	17	50.29	854.93
7 - KCl BB	1 MT BG	5	669.89	3349.45
8 - MI BAR (Bulk)	1 MT BG	5	358.06	1661.40
9 - BRINE KCl 16%	1 BL BL	2590	18.00	46620.00
10 - SAFE-CIDE	25 KG CN	2	91.77	183.54
11 - SAFE-COR	55 GA DM	16	505.43	8086.88
12 - SAFE-VIS E	5 GA CN	13	259.74	3376.62
13 - SAFE-SURF WN	200 KG DM	3	1166.88	3500.64
14 - TRIETHANOLAMINE	55 GA DM	4	950.70	3802.80

SUB TOTAL:	75818.57
TAX:	0.00
WATER-BASED MUD TOTAL COST:	75818.57

TOTAL MUD COST FOR INTERVAL: 75818.57

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DAILY VOLUME
SUMMARY SHEET

Basker-2 Volume Summaries

36" Interval - Seawater/Gel Sweeps

		Mud Volume (bbl)					Volume Built bbl								Volume Lost bbl							
Date	Depth	Hole	Surf	Premix	Reserve	Total	Drill	Mud	Synthetic	Brine	Chemical	Barite	Daily	Cum	Shakers	Centri-	Desilter	Dump	Hole	Sweeps	Daily	Cummul
		Active	Active			Vol	Water	Received	Added	Added	Volume	Volume	Built	Built		fuge					Lost	Lost
14-Aug-05	204	0	456		1380	**1836**	2272				91		**2363**	**2363**						527	**527**	**527**

17.5" Interval - Seawater / Hi Vis Sweeps

		Mud Volume (bbl)					Volume Built bbl								Volume Lost bbl							
Date	Depth	Hole	Surf	Premix	Reserve	Total	Drill	Mud	Synthetic	Brine	Chemical	Barite	Daily	Cum	Shakers	Centri-	Desilter	Dump	Hole	Sweeps	Daily	Cummul
		Active	Active			Vol	Water	Received	Added	Added	Volume	Volume	Built	Built		fuge					Lost	Lost
15-Aug-05	472	0	407		1490	**1897**	880	1836			28	1	**2745**	**2745**					175	673	**848**	**848**
16-Aug-05	1006	0	49		386	**435**	370				92	1	**463**	**3208**					842	1083	**1925**	**2773**
17-Aug-05	1006				296	**296**							**0**	**3208**				139			**139**	**2912**

12.25" Interval - 8% KCl / PHPA / Glycol

		Mud Volume (bbl)					Volume Built bbl								Volume Lost bbl								
Date	Depth	Hole	Surf	Premix	Reserve	Total	Drill	Mud	Synthetic	Brine	Chemical	Barite	Daily	Cum	Shakers	Sweeps	Desilter	Dump	Hole	Other	Daily	Cummul
		Active	Active		(Brine)	Vol	Water	Received	Added	Added	Volume	Volume	Built	Built							Lost	Lost
18-Aug-05	1006	0	455	296	1159	**1910**	671	296			943		**1910**	**1910**							0	0
19-Aug-05	1006	0	455	296	1159	**1910**							**0**	**1910**							0	0
20-Aug-05	1492	811	519	562	565	**2457**	264			475	591		**1330**	**3240**	434	150		144	55		783	783
21-Aug-05	1893	986	502	460	506	**2454**	128				8	60	**196**	**3436**	163				36		199	982
22-Aug-05	2438	1235	556	310	415	**2516**	288				34	30	**352**	**3788**	245			45			290	1272
23-Aug-05	2497	1311	477	245	631	**2664**	313				56		**369**	**4157**	161		60				221	1493
24-Aug-05	2497	1311	433	245	631	**2620**							**0**	**4157**				44			44	1537
25-Aug-05	2497	1075	617	613	247	**2552**							**0**	**4157**				68			68	1605
26-Aug-05	2497	1075	617	613	247	**2552**							**0**	**4157**							0	1605
27-Aug-05	2497	1075	617	562	998	**3252**				700			**700**	**4857**							0	1605
28-Aug-05	2497	1075	617	562	998	**3252**							**0**	**4857**							0	1605
29-Aug-05	2497	1075	618	562	998	**3253**					1		**1**	**4858**							0	1605
30-Aug-05	2497	1337	408	505	858	**3108**							**0**	**4858**				145			145	1750
31-Aug-05	2572	1298	456	340	958	**3052**	131				31		**162**	**5020**	176		42				218	1968
01-Sep-05	2664	1338	459	330	727	**2854**	38				26		**64**	**5084**	184		78				262	2230
02-Sep-05	2741	1373	539	225	622	**2759**	111				9		**120**	**5204**	100		115				215	2445
03-Sep-05	2741	1435	389	355	560	**2739**							**0**	**5204**	20						20	2465
04-Sep-05	2845	1429	433	382	659	**2903**	122			170	16		**308**	**5512**	114			30			144	2609
05-Sep-05	2956	1526	529	234	528	**2817**	10				2		**12**	**5524**	70			28			98	2707
06-Sep-05	2956	1515	534	242	810	**3101**	330						**330**	**5854**						46	46	2753
07-Sep-05	2956	884	658	1343		**2885**	281						**281**	**6135**					497		497	3250

Basker-2 Volume Summaries

8.5" Interval - 6% KCl / Polymer

		Mud Volume (bbl)					Volume Built bbl								Volume Lost bbl							
Date	Depth	Hole	Surf	Premix	Reserve	Total	Drill	Mud	Synthetic	Brine	Chemical	Barite	Daily	Cum	Shakers	Centri-	Desilter	Dump	Hole	Trip	Daily	Cummul
		Active	Active			Vol	Water	Received	Added	Added	Volume	Volume	Built	Built		fuge				Loss	Lost	Lost
08-Sep-05	3119	836	494		321	**1651**	70	2885			11		2966	2966				1315			**1315**	**1315**
09-Sep-05	3310	876	596		41	**1513**	150				6		156	3122	173		100	21			**294**	**1609**
10-Sep-05	3350	884	482		132	**1498**	100				18		118	3240	31		30			72	**133**	**1742**
11-Sep-05	3414	988	452		153	**1593**	235				3		238	3478	36		72		35		**143**	**1885**
12-Sep-05	3414	988	452			**1440**							0	3478				153			**153**	**2038**
13-Sep-05	3414	988	442			**1430**							0	3478				10			**10**	**2048**
14-Sep-05	3414	988	442			**1430**							0	3478							**0**	**2048**
15-Sep-05	3414	988	442			**1430**							0	3478							**0**	**2048**
16-Sep-05	3414	988	422			**1410**							0	3478	20						**20**	**2068**
17-Sep-05	3414	868	327			**1195**							0	3478				215			**215**	**2283**
18-Sep-05	3414	923	279			**1202**						7	7	3485							**0**	**2283**
19-Sep-05	3414	0	0			**0**							0	3485				1202			**1202**	**3485**

Completions Brine

		Mud Volume (bbl)					Volume Built bbl								Volume Lost bbl							
Date	Depth	Hole	Surf	Premix	Reserve	Total	Drill	Mud	Synthetic	Brine	Chemical	Barite	Daily	Cum	Shakers	Centri-	Desilter	Dump	Hole	Trip	Daily	Cummul
		Active	Active			Vol	Water	Received	Added	Added	Volume	Volume	Built	Built		fuge				Loss	Lost	Lost
16-Sep-05	3414				1154	**1154**		1442					1442	1442				288			**288**	**288**
17-Sep-05	3414				1556	**1556**	396				6		402	1844							**0**	**288**
18-Sep-05	3414				1549	**1549**					1		1	1845				8			**8**	**296**
19-Sep-05	3414	864	341	35	277	**1517**	60			250	20		330	2175				362			**362**	**658**
20-Sep-05	3414	923	347	35	87	**1392**					18		18	2193				143			**143**	**801**
21-Sep-05	3414	923	245		708	**1876**	104			415			519	2712				35			**35**	**836**
22-Sep-05	3414	923	250	1194		**2367**				485	6		491	3203							**0**	**836**
23-Sep-05						**0**							0	3203							**0**	**836**

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

TOTAL
MATERIAL
COST

MI SWACO

PRODUCT SUMMARY

Operator : Anzon
Well Name : Basker 2
Contractor : DOGC

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6

SUMMARY OF PRODUCT USAGE FOR WELL

14/08/2005 - 22/09/2005, 175 - 3414 m

WATER-BASED MUD	SIZE	AMOUNT	UNIT COST ($)	PROD COST ($)
1 - CALCIUM CHLORIDE Sacks	25 KG BG	26	15.33	398.58
2 - CAUSTIC SODA	25 KG DM	48	30.46	1462.08
3 - CITRIC ACID	25 KG BG	1	50.50	50.50
4 - DEFOAM A	5 GA CN	8	92.24	737.92
5 - DUO-VIS	25 KG BG	230	302.03	69466.90
6 - GLUTE 25	25 LT CN	56	121.35	6795.60
7 - GUAR GUM	25 KG BG	1	79.62	79.62
8 - OS-1	25 KG BG	68	50.29	3419.72
9 - POLYPAC UL	25 KG BG	222	126.76	28140.72
10 - SODA ASH	25 KG BG	37	17.19	636.03
11 - SODIUM BICARBONATE	25 KG BG	2	14.54	29.08
12 - KWIKSEAL MEDIUM	40 LB BG	3	39.14	117.42
13 - POTASSIUM HYDROXIDE	25 KG CN	23	45.13	1037.99
14 - KCl BB	1 MT BG	13	669.89	8708.57
15 - MI BAR (Bulk)	1 MT BG	75	358.06	26815.11
16 - MI Gel (Bulk)	1 MT BG	81	382.17	30955.77
17 - BRINE KCl 16%	1 BL BL	5376	18.00	96768.00
18 - SAFE-CIDE	25 KG CN	2	91.77	183.54
19 - SAFE-COR	55 GA DM	16	505.43	8086.88
20 - SAFE-VIS E	5 GA CN	13	259.74	3376.62
21 - SAFE-SURF WN	200 KG DM	3	1166.88	3500.64
22 - POLY PLUS DRY	25 KG BG	90	140.00	12600.00
23 - GLYDRIL LC	55 GA DM	52	774.13	40254.76
24 - GLYDRIL MC	220 KG DM	95	487.05	46269.75
25 - TRIETHANOLAMINE	55 GA DM	4	950.70	3802.80
TOTAL:				393694.60

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DRILLING FLUIDS SUMMARY

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		14/08/2005	15/08/2005	16/08/2005	17/08/2005	18/08/2005	19/08/2005
Depth/TVD	m	204/204	211/211	1005/1005	1006/1006	1006/1006	1006/1006
Activity		Running 30" csg	Drilling 17 1/5"	TD. POOH	Run Riser/BOP	Riser/BOP	Make up BHA/Dl
Mud Type		Spud mud	Spud mud	Spud mud	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	36	17.5	17.5	0	12.25	12.25
Circ Volume	bbl	457	407	49		455	455
Flow Rate	gal/min	0	1003	1003	0	0	0
Circ Pressure	psi	0	1940	2200	0	0	0
Avg ROP	m/hr	0	83	15	0	0	0
Sample From		Active	Active	Active	Pit 2	Pit 3	Pit 1
Flow Line Temp	°C					na	na
Mud Weight	sp.gr.	1.05@ °C	1.05@ °C	1.05@ °C	1.05@ °C	1.05@20 °C	1.05@25 °C
Funnel Viscosity	s/qt	>150	>150	>150	>120	62	55
PV	cP	22	22			7	14
YP	lb/100ft²	121	121			11	20
R600/R300/R200		165/143/131	165/143/	/ /	/ /	25/18/14	48/34/27
R100/R6/R3		124/118/113	/ /	/ /	/ /	10/3/2	20/7/5
10s/10m/30m Gel	lb/100ft²	//	//	//	//	3/3/4	1/1/1
API Fluid Loss	cc/30 min					17	16
HTHP Fluid Loss	cc/30 min						
Cake API/HT	1/32"	/	/	/	/	<1/	<1/
Solids	%Vol					7	7
Oil/Water	%Vol	/	/	/	/	/93	/93
Sand	%Vol					0	0
MBT	lb/bbl					0	0
pH		10	10	10	10	10.0	9.5
Alkal Mud (Pm)						0.1	0.1
Pf/Mf		/	/	/	/	0.1/1.2	0.1/1.2
Chlorides	mg/l					43000	43000
Hardness Ca						200	200
KCl	% wt					7.5	7.5
PHPA	ppb					0.5	0.5
Sulphite Excess	ppm						
Daily Mud Cost	$	15142.10	5259.72	15112.69	385.12	64951.88	2017.19
Cuml Mud Cost	$	15142.10	20401.82	35514.51	35899.63	100851.51	102868.70
Sales Engineer		Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin
Products Used		CaCl2 / 26	NaOH / 2	NaOH / 1	NaOH / 7	16%brin / 879	Duovis / 5
		NaOH / 5	Soda / 1	Soda / 1	Soda / 10	Poly+ / 24	PacUL / 4
		Soda / 4	BulkBar / 7	BulkBar / 3.65		GLY-LC / 41	
		BulkGel / 38	BulkGel / 7	BulkGel / 36		Duovis / 28	
						Glut / 7	
						OS-1 / 7	
						PacUL / 32	
						KOH / 7	

REMARKS

14/08/2005:
15/08/2005:
16/08/2005:
17/08/2005:
18/08/2005:
19/08/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		20/08/2005	20/08/2005	20/08/2005	21/08/2005	21/08/2005	22/08/2005
Depth/TVD	m	1492/1492	1270/1270	1010/ 1010	1841/1841	1660/1660	2409/2409
Activity		Drilling 12 1/4"	Drilling 12 1/4"	Drilling 12 1/4"	Drilling 12 1/4"	Drilling 12 1/4"	Drilling 12 1/4"
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1330	1330	1330	1488	1488	1791
Flow Rate	gal/min	915	915	915	910	910	880
Circ Pressure	psi	2480	2480	2480	2894	2894	3500
Avg ROP	m/hr	50	50	50	40	40	23
Sample From		Active	Pit 3	Pit 3	Active	Active	Active
Flow Line Temp	°C	32	30	30	40	38	40
Mud Weight	sp.gr.	1.08@30 °C	1.05 @30 °C	1.05 @30 °C	1.2@36 °C	1.11@30 °C	1.21@38 °C
Funnel Viscosity	s/qt	51	48	48	54	50	55
PV	cP	10	13	8	13	11	15
YP	lb/100ft²	19	14	12	26	20	31
R600/R300/R200		39/29/24	40/27/22	28/20/16	52/39/32	42/31/26	61/46/38
R100/R6/R3		20/8/5	16/6/4	12/3/2	25/9/6	19/7/5	29/11/8
10s/10m/30m Gel	lb/100ft²	4/6/7	4/5/6	3/3/4	8/12/	6/8/9	8/12/15
API Fluid Loss	cc/30 min	7.2	9.2	15	5.4	6.8	4.4
HTHP Fluid Loss	cc/30 min						
Cake API/HT	1/32"	1/	1/	1/	1/	1/	1/
Solids	%Vol	8	6	8	10	8	10
Oil/Water	%Vol	/92	/94	/92	/90	/92	/90
Sand	%Vol	Tr	Tr	0	0.25	0.5	0.5
MBT	lb/bbl	<5	>5	0.5	<5	5	7
pH		8.2	8.8	10.3	8.9	8.5	8.4
Alkal Mud (Pm)		0.1	0.1	0.1	0.4	0.2	0.5
Pf/Mf		0.4/1	0.5/1.2	0.1/1.2	0.05/0.3	0.05/1.1	0.1/0.4
Chlorides	mg/l	44000	44000	44000	43000	42000	41000
Hardness Ca		480	480	300	520	600	720
KCl	% wt	7	7.5	7.5	7	8	7.5
PHPA	ppb	0.6	0.5	0.5	0.8	0.8	0.9
Sulphite Excess	ppm						10
Daily Mud Cost	$	42226.87			23395.52		25989.71
Cuml Mud Cost	$	145095.57			168491.09		194480.80
Sales Engineer		Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin
Products Used		16%brin / 1037			Poly+ / 5		Poly+ / 9
		Poly+ / 11			GLY-MC / 14		GLY-MC / 20
		GLY-LC / 11			Duovis / 13		Duovis / 17
		GLY-MC / 6			Glut / 1		Glut / 2
		Duovis / 28			OS-1 / 1		OS-1 / 2
		Glut / 3			PacUL / 5		PacUL / 15
		OS-1 / 3			KOH / 1		KOH / 2
		PacUL / 12			BulkBar / 31		BulkBar / 21
		KOH / 2					

REMARKS

20/08/2005:

21/08/2005:

22/08/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		22/08/2005	22/08/2005	23/08/2005	23/08/2005	24/08/2005	24/08/2005
Depth/TVD	m	2314/2314	1975/1975	2497/2497	2489/2489	2497/2497	2497/2497
Activity		Drilling 12 1/4"	Drilling 12 1/4"	Tripping	Tripping	Working on Pipe	Working on Pipe
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1791	1791	1788	1788	1744	1744
Flow Rate	gal/min	880	880	880	880	880	880
Circ Pressure	psi	3500	3500	3500	3500	3500	3500
Avg ROP	m/hr	23	23	23	23	23	23
Sample From		Active	Active	Pit 3	Active	Pit 3	Active
Flow Line Temp	°C	40	40		48	na	na
Mud Weight	sp.gr.	1.22@38 °C	1.20@35 °C	1.2@27 °C	1.20@38 °C	1.2@27 °C	1.2@30 °C
Funnel Viscosity	s/qt	54	56	65	55	65	66
PV	cP	14	15	16	16	14	15
YP	lb/100ft²	28	29	31	26	27	28
R600/R300/R200		56/42/35	59/44/37	63/47/40	58/42/36	55/41/35	58/43/38
R100/R6/R3		26/10/8	27/9/7	30/11/8	27/11/9	26/9/7	28/10/8
10s/10m/30m Gel	lb/100ft²	9/12/15	9/13/15	9/15/18	11/14/15	8/13/15	9/14/16
API Fluid Loss	cc/30 min	4.4	4.8	4.4	4.9	4.6	4.6
HTHP Fluid Loss	cc/30 min					18	
Cake API/HT	1/32"	1/	1/	1/	1/	1/1	1/
Solids	%Vol	10	10	10	11	10	10
Oil/Water	%Vol	/90	/90	/90	/89	/90	/90
Sand	%Vol	0.5	0.5	0.5	0.4	0.5	0.5
MBT	lb/bbl	<7	<5	5	7.5	5	5
pH		8.1	8.6	8	8.5	8	8
Alkal Mud (Pm)		0.5	0.3	0	0.1	0	0
Pf/Mf		0.05/0.3	0.05/1.1	0/0.2	0.05/0.7	0/0.5	0/0.6
Chlorides	mg/l	41000	41000	36000	36000	35000	35000
Hardness Ca		820	820	800	800	800	800
KCl	% wt	7.5	7.5	7	7.2	7	7
PHPA	ppb	0.9	0.9	0.9	0.9	0.9	0.9
Sulphite Excess	ppm	10	10				
Daily Mud Cost	$			27378.55		0.00	
Cuml Mud Cost	$			221859.35		221859.35	
Sales Engineer		Gordon /Kelvin	Gordon /Kelvin	Jasdeep/Kelvin	Jasdeep/Kelvin	Jasdeep/Glen Sh	Jasdeep/Glen Sh
Products Used				Poly+ / 6			
				GLY-MC / 35			
				Duovis / 21			
				Glut / 9			
				OS-1 / 4			
				PacUL / 9			
				KOH / 1			
				KClBB / 1			

REMARKS

23/08/2005:

24/08/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		25/08/2005	26/08/2005	27/08/2005	28/08/2005	29/08/2005	30/08/2005
Depth/TVD	m	2497/2497	2497/ 2497	2497/ 2497	2497/2497	2497/2497	2497/ 2497
Activity		P/O BOP Stack	Repair BOP	BOP Repairs	BOP repairs	Run BOP Stack	Make up BHA
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1692	1692	1692	1692	1693	1745
Flow Rate	gal/min	0	0	0	0	0	0
Circ Pressure	psi	0	0	0	0	0	0
Avg ROP	m/hr	0	0	0	0	0	0
Sample From		Pit 3	Active	Pit 3	Pit 3	Pit 3	Pit 3
Flow Line Temp	°C						
Mud Weight	sp.gr.	1.2@24 °C	1.2 @ °C	1.2@20 °C	1.2@ °C	1.2@20 °C	1.2 @25 °C
Funnel Viscosity	s/qt	69	65	67	65	62	66
PV	cP	19	15	13	19	15	14
YP	lb/100ft²	29	26	26	21	25	25
R600/R300/R200		67/48/40	56/41/34	52/39/32	59/40/34	55/40/34	53/39/33
R100/R6/R3		29/10/8	25/8/6	24/7/5	26/8/6	25/7/5	24/8/6
10s/10m/30m Gel	lb/100ft²	8/10/12	8/12/14	6/10/12	6/9/11	9/13/19	6/10/13
API Fluid Loss	cc/30 min	4.4	4.4	4.5	4.5	5.1	5
HTHP Fluid Loss	cc/30 min	16	16	19	18	18	18
Cake API/HT	1/32"	1/1	1/1	1/1	1/1	1/1	1/1
Solids	%Vol	10	10	9	8	8	9
Oil/Water	%Vol	/90	/90	/91	/92	/92	/91
Sand	%Vol	0.5	.5	0.25	0.5	0.5	.5
MBT	lb/bbl	5	5	5	5	5	5
pH		8	8.5	8.6	8.6	10.3	10.3
Alkal Mud (Pm)				0	0	1	1
Pf/Mf		0/0.5	0/0.7	0/0.6	0/0.7	0.6/1.7	0.55/1.6
Chlorides	mg/l	35000	35000	35000	35000	35000	35000
Hardness Ca		800	800	800	880	680	280
KCl	% wt	7	6	6.5	6	6	6
PHPA	ppb	0.9	.9	0.9	0.9	0.9	.9
Sulphite Excess	ppm						
Daily Mud Cost	$	0.00	515.86	12600.00	0.00	198.44	0.00
Cuml Mud Cost	$	221859.35	222375.21	234975.21	234975.21	235173.65	235173.65
Sales Engineer		Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh
Products Used			NaOH / 1	16%brin / 700		NaOH / 2	
			Glut / 4			Soda / 8	

REMARKS

25/08/2005:
26/08/2005:
27/08/2005:
28/08/2005:
29/08/2005:
30/08/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		31/08/2005	31/08/2005	31/08/2005	1/09/2005	1/09/2005	1/09/2005
Depth/TVD	m	2560/2560	2497/2497	2527/2527	2654/2654	2593/2593	2619/2619
Activity		Drilling	Drilling	Drilling	Drilling	Drilling	Drilling
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1754	1754	1754	1797	1797	1797
Flow Rate	gal/min	880	880	880	880	880	880
Circ Pressure	psi	3500	3500	3500	3350	3350	3350
Avg ROP	m/hr	7	7	7	5	5	5
Sample From		Active	B/U	Pit 3	Pit 3	FL	FL
Flow Line Temp	°C	35	35	35	49	49	34
Mud Weight	sp.gr.	1.2@35 °C	1.2@35 °C	1.2@35 °C	1.2 @49 °C	1.2@49 °C	1.2@34 °C
Funnel Viscosity	s/qt	62	>100	55	69	68	62
PV	cP	19	16	14	19	16	18
YP	lb/100ft²	37	39	31	42	39	35
R600/R300/R200		75/56/47	71/55/49	59/45/38	80/61/53	71/55/47	71/53/45
R100/R6/R3		36/13/10	39/18/15	29/10/8	40/15/11	36/13/10	35/11/9
10s/10m/30m Gel	lb/100ft²	11/15/17	18/25/26	9/14/17	12/20/22	11/14/16	10/17/19
API Fluid Loss	cc/30 min	4.4	5	4.5	4.5	4.9	4.8
HTHP Fluid Loss	cc/30 min	16	22	16	13.6	17	16
Cake API/HT	1/32"	1/1	1/1	1/1	1/1	1/1	1/1
Solids	%Vol	10	12	10	9.5	9	9
Oil/Water	%Vol	/90	/88	/90	/90.5	/91	/91
Sand	%Vol	0 .5	2	0.5	0.5	0.5	0.6
MBT	lb/bbl	5	5	5	5.5	4	4
pH		9.3	8	9.5	9.5	9.3	9.3
Alkal Mud (Pm)		0.55	0	0	0.65	0.5	0.6
Pf/Mf		0.05/0.5	0/0.4	0.05/0.4	0.15/0.45	0.2/0.45	0.15/0.5
Chlorides	mg/l	30000	33000	33000	35000	30000	30000
Hardness Ca		720	960	560	480	720	240
KCl	% wt	6	6.5	6.5	7	6	6
PHPA	ppb	0.9	0.9	0.9	0.98	0.9	0.9
Sulphite Excess	ppm	40		40	25	60	60
Daily Mud Cost	$	12180.95			15741.98		
Cuml Mud Cost	$	247354.60			263096.58		
Sales Engineer		Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh	Jasdeep/Glen Sh
Products Used		Poly+ / 8			Poly+ / 11		
		GLY-MC / 2			GLY-MC / 8		
		NaOH / 4			Duovis / 17		
		Duovis / 21			Glut / 2		
		Glut / 6			OS-1 / 11		
		OS-1 / 15			PacUL / 17		
		PacUL / 15			Soda / 7		
		Soda / 6			KOH / 2		
		KOH / 3			KClBB / 3		

REMARKS

31/08/2005:

1/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		1/09/2005	2/09/2005	2/09/2005	2/09/2005	3/09/2005	3/09/2005
Depth/TVD	m	2627/2627	2741/2739	2703/2722	2677/2703	2741/2739	2741/2739
Activity		Drilling	Tripping	Tripping	Tripping	RIH	RIH
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1797	1912	1912	1912	1824	1824
Flow Rate	gal/min	880	893	893	893	0	0
Circ Pressure	psi	3350	3350	3350	3350	0	0
Avg ROP	m/hr	5	5	5	5	0	0
Sample From		Pit 3	Active	Flow Line	Active	Active	Pit 3
Flow Line Temp	°C	55	54	49	49		
Mud Weight	sp.gr.	1.2@52 °C	1.2 @46 °C	1.2@49 °C	1.2 @49 °C	1.2@24 °C	1.2@24 °C
Funnel Viscosity	s/qt	64	79	72	66	77	77
PV	cP	18	20	19	19	19	18
YP	lb/100ft²	39	43	41	41	40	40
R600/R300/R200		75/57/51	83/63/53	79/60/51	79/60/51	78/59/51	76/58/49
R100/R6/R3		38/13/11	40/15/11	40/14/11	38/14/11	39/13/10	37/13/12
10s/10m/30m Gel	lb/100ft²	12/20/24	13/18/23	12/19/23	11/15/19	11/14/17	12/16/17
API Fluid Loss	cc/30 min	4.6	4.2	4.2	4.5	4.2	3.9
HTHP Fluid Loss	cc/30 min	14.6	11	9.6	14	14	12
Cake API/HT	1/32"	1/1	1/1	1/1	1/1	1/1	1/1
Solids	%Vol	10	10	10	10	10	10
Oil/Water	%Vol	/90	/90	/90	/90	/90	/90
Sand	%Vol	0.25	0.5	0.3	0.5	0.5	0.5
MBT	lb/bbl	4	<5	2	5.5	4.5	4.5
pH		9.2	8.7	9.5	9.5	8.8	8.8
Alkal Mud (Pm)		0.4	0.6	0.5	0.55	0.1	0.1
Pf/Mf		0.08/0.6	0.1/0.4	0.1/0.45	0.15/0.45	0.1/0.3	0.1/0.3
Chlorides	mg/l	35000	41000	35000	36000	39000	40000
Hardness Ca		240	480	480	600	400	450
KCl	% wt	7	7	7	7	6.5	7
PHPA	ppb	0.9	0.9	0.9	0.9	0.9	0.9
Sulphite Excess	ppm	80	20	20	25	10	10
Daily Mud Cost	$		6110.41			0.00	
Cuml Mud Cost	$		269206.99			269206.99	
Sales Engineer		Jasdeep/Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh
Products Used			Poly+ / 8				
			GLY-MC / 5				
			Duovis / 4				
			Glut / 2				
			PacUL / 8				
			KOH / 2				

REMARKS

2/09/2005:

3/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		4/09/2005	4/09/2005	4/09/2005	5/09/2005	5/09/2005	5/09/2005
Depth/TVD	m	2845/2839	2786/2783	2740/1739	2956/2936	2886/2881	2858/2854
Activity		Drilling 12 1/4"	Drilling 12 1/4"	Drilling 12 1/4"	POOH	POOH	POOH
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/PHPA/Gl
Hole Size	in	12.25	12.25	12.25	12.25	12.25	12.25
Circ Volume	bbl	1862	1862	1862	2055	2055	2055
Flow Rate	gal/min	893	893	893	889	889	889
Circ Pressure	psi	3559	3559	3559	3633	3633	3633
Avg ROP	m/hr	10	10	10	10	10	10
Sample From		Active	Active	PIT 3	Active	Flow Line	Active
Flow Line Temp	°C	54	54		63	63	63
Mud Weight	sp.gr.	1.2 @50 °C	1.2@50 °C	1.2@27 °C	1.2@63 °C	1.2@63 °C	1.2@63 °C
Funnel Viscosity	s/qt	65	74	110	63	64	69
PV	cP	19	21	18	18	18	19
YP	lb/100ft²	45	47	38	47	49	48
R600/R300/R200		83/64/55	89/68/57	74/56/47	83/65/57	85/67/57	86/67/57
R100/R6/R3		43/15/12	44/16/12	36/12/9	44/16/12	44/16/12	45/16/13
10s/10m/30m Gel	lb/100ft²	12/18/21	14/21/23	9/12/15	14/21/26	14/23/33	14/19/21
API Fluid Loss	cc/30 min	4.2	4.4	4.2	4.5	4.6	4.4
HTHP Fluid Loss	cc/30 min	14	14	9.8	14	10.4	13
Cake API/HT	1/32"	1/1	1/1	1/1	1/1	1/1	1/1
Solids	%Vol	10	10	10	10	10	10
Oil/Water	%Vol	/90	/90	/90	/90	/90	/90
Sand	%Vol	.5	.5	.5	.7	0.7	.5
MBT	lb/bbl	<5	<5	<5	<5	5	<5
pH		8.8	9.2	8.7	8.2	8.5	8.6
Alkal Mud (Pm)		0.3	0.5	0.3	0.2	0.1	0.1
Pf/Mf		0.1/0.3	0.05/0.65	0.1/0.3	0.05/0.35	0.1/0.35	0.1/0.35
Chlorides	mg/l	38000	38000	38000	39000	39000	39000
Hardness Ca		360	360	440	320	320	280
KCl	% wt	6.2	6.2	7	6	6	6
PHPA	ppb	.9	.9	.9	0.9	0.9	.9
Sulphite Excess	ppm	10	10	10	10	10	10
Daily Mud Cost	$	11769.61			361.64		
Cuml Mud Cost	$	280976.60			281338.24		
Sales Engineer		Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh	Gordon /Glen Sh
Products Used		16%brin / 170			BulkBar / 1.01		
		Poly+ / 8					
		GLY-MC / 5					
		NaOH / 3					
		DFOAM / 1					
		Duovis / 7					
		Glut / 4					
		PacUL / 8					
		BulkBar / 3.79					

REMARKS

4/09/2005:

5/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		6/09/2005	7/09/2005	8/09/2005	8/09/2005	9/09/2005	9/09/2005
Depth/TVD	m	2956/2936	2956/2936	3116/3077	3077/3043	3297/3077	3157/3114
Activity		Running 9 5/8"cs	Pick up BHA	Drilling 8 1/2" hol	Drilling 8 1/2" hol	POOH.	POOH.
Mud Type		KCl/PHPA/Gl	KCl/PHPA/Gl	KCl/Polymer	KCl/Polymer	KCl/Polymer	KCl/Polymer
Hole Size	in	12.25	8.5	8.5	8.5	8.5	8.5
Circ Volume	bbl	2049	1540	1330	1330	1472	1472
Flow Rate	gal/min	0	0	641	641	705	705
Circ Pressure	psi	0	0	2636	2636	3929	3929
Avg ROP	m/hr	0	0	5	5	5	5
Sample From		Pit 3	Pit 3	Active	Active	Active	Active
Flow Line Temp	°C			48	48	54	52
Mud Weight	sp.gr.	1.2@28 °C	1.2@28 °C	1.12 @48 °C	1.11 @48 °C	1.13@52 °C	1.12@35 °C
Funnel Viscosity	s/qt	69	69	59	54	58	74
PV	cP	19	19	14	14	16	16
YP	lb/100ft²	40	40	28	28	36	37
R600/R300/R200		78/59/49	78/59/49	56/42/35	56/42/35	68/52/44	69/53/44
R100/R6/R3		37/14/12	37/14/12	27/10/7	26/10/7	34/12/10	34/12/9
10s/10m/30m Gel	lb/100ft²	13/19/25	13/19/25	7/10/14	7/10/14	11/15/18	11/16/18
API Fluid Loss	cc/30 min	4.6	4.6	4.8	5.2	5.0	5.0
HTHP Fluid Loss	cc/30 min	14	14	16	16	14	8.6
Cake API/HT	1/32"	1/1	1/1	1/2	1/2	1/2	1/2
Solids	%Vol	10	10	8	7	7	7
Oil/Water	%Vol	/90	/90	/92	/93	/93	/93
Sand	%Vol	0.7	0.7	.5	.5	.5	0.25
MBT	lb/bbl	5	5	<5	<5	<5	<5
pH		8.4	8.4	8.6	9.7	8.2	8.4
Alkal Mud (Pm)		0.1	0.1	.4	.4	0.3	0
Pf/Mf		0.1/0.35	0.1/0.35	0.05/0.5	0.05/0.5	0.1/0.3	0/0.6
Chlorides	mg/l	40000	40000	45000	45000	39000	38000
Hardness Ca		360	360	360	360	360	360
KCl	% wt	6	6	5.4	5.4	5.2	5.5
PHPA	ppb	0.9	0.9	.8	.8	0.75	0.75
Sulphite Excess	ppm	10	10	15	15	10	10
Daily Mud Cost	$	0.00	0.00	17810.39		6938.72	
Cuml Mud Cost	$	281338.24	281338.24	299148.63		306087.35	
Sales Engineer		Gordon /Glen Sh	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin
Products Used				NaOH / 4		NaOH / 1	
				Citric / 1		Duovis / 12	
				Duovis / 38		Glut / 1	
				Glut / 5		PacUL / 20	
				OS-1 / 4		KOH / 2	
				PacUL / 42		BulkBar / 1.5	
				Bicarb / 2			

REMARKS

6/09/2005:
7/09/2005:
8/09/2005:

9/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		10/09/2005	10/09/2005	11/09/2005	11/09/2005	12/09/2005	13/09/2005
Depth/TVD	m	3344/3281	3310/3251	3414/3344	3367/3302	3414/3344	3414/3344
Activity		Drilling 8 1/2"	Drilling 8 1/2"	Wireline Loggin	Wireline Logging	Wireline Logging	Wireline Logging
Mud Type		KCl/Polymer	KCl/Polymer	KCl/Polymer	KCl/Polymer	KCl/Polymer	KCl/Polymer
Hole Size	in	8.5	8.5	8.5	8.5	8.5	8.5
Circ Volume	bbl	1366	1366	1440	1440	1440	1430
Flow Rate	gal/min	680	680	680	680	0	0
Circ Pressure	psi	3896	3896	4199	4199	0	0
Avg ROP	m/hr	5	5	5	5	0	0
Sample From		Active	Active	Active	Active	Active	Pit #2
Flow Line Temp	°C	54	na	55	55		
Mud Weight	sp.gr.	1.12@54 °C	1.13@30 °C	1.12@50 °C	1.12@30 °C	1.12@50 °C	1.1@30 °C
Funnel Viscosity	s/qt	54	56	54	51	54	51
PV	cP	17	15	16	16	16	14
YP	lb/100ft²	34	35	34	32	34	28
R600/R300/R200		68/51/45	65/50/42	66/50/43	64/48/41	66/50/43	56/42/36
R100/R6/R3		34/14/11	33/12/9	33/12/10	32/12/9	33/12/10	27/10/7
10s/10m/30m Gel	lb/100ft²	12/16/17	10/16/17	10/15/17	10/15/18	10/15/17	8/10/14
API Fluid Loss	cc/30 min	4.6	5.1	5	5.0	5	5.4
HTHP Fluid Loss	cc/30 min	14	8.8	14	8.1	14	
Cake API/HT	1/32"	1/2	1/2	1/2	1/2	1/2	1/
Solids	%Vol	7	8	7	7	7	7
Oil/Water	%Vol	/93	/92	/93	/93	/93	/93
Sand	%Vol	0.5	0.5	0.25	0.25	0.25	0.25
MBT	lb/bbl	<5	<5	<5	<5	<5	<5
pH		8.4	8.5	8.2	8.2	8.2	8.2
Alkal Mud (Pm)		0.3	0.1	0.1	0.1	0.1	0.1
Pf/Mf		0.05/0.3	0.05/0.5	0.05/0.4	0.05/0.4	0.05/0.4	0.05/0.4
Chlorides	mg/l	34000	34000	32000	32000	32000	32000
Hardness Ca		400	400	440	480	440	440
KCl	% wt	5.0	5.4	4.8	4.8	4.8	4.8
PHPA	ppb	0.6	0.6	0.5	0.5	0.5	0.5
Sulphite Excess	ppm	25	15	25	25	25	25
Daily Mud Cost	$	7087.70		4583.57		117.42	0.00
Cuml Mud Cost	$	313175.05		317758.62		317876.04	317876.04
Sales Engineer		Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin	Gordon /Kelvin
Products Used		DFOAM / 3		NaOH / 2		KwikM / 3	
		Duovis / 3		Duovis / 7			
		Glut / 4		PacUL / 19			
		OS-1 / 4					
		PacUL / 16					
		KOH / 1					
		KClBB / 4					
		BulkBar / 1.3					

REMARKS

10/09/2005:

11/09/2005:

12/09/2005:
13/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		14/09/2005	15/09/2005	16/09/2005	16/09/2005	17/09/2005	18/09/2005
Depth/TVD	m	3414/3344	3414/3344	3414/3344	/	3414/3344	3414/3344
Activity		Wireline Log	Tripping	Run Liner	Run Liner	WOC	Run Scrapper
Mud Type		KCl/Polymer	KCl/Polymer	8.9 ppg KCl	8.9 ppg KCl	8.9 ppg KCl	8.9 ppg KCl
Hole Size	in	8.5	8.5	8.5	8.5	8.5	6
Circ Volume	bbl	1430	1430	1410	1410	1195	1202
Flow Rate	gal/min	0	0	0	0	0	0
Circ Pressure	psi	0	0	0	0	0	0
Avg ROP	m/hr	0	0	0	0	0	0
Sample From		Active	Active	Active	Brine	Active	Active
Flow Line Temp	°C	na	na	56		na	na
Mud Weight	sp.gr.	1.11@20 °C	1.11@20 °C	1.13@38 °C	1.08@ °C	1.13@25 °C	1.13@25 °C
Funnel Viscosity	s/qt	52	54	53		54	54
PV	cP	15	16	15		15	15
YP	lb/100ft²	27	26	35		35	35
R600/R300/R200		57/42/36	58/42/36	65/50/43	/ /	65/50/43	65/50/43
R100/R6/R3		26/11/8	26/11/8	32/12/10	/ /	32/12/10	32/12/10
10s/10m/30m Gel	lb/100ft²	9/13/16	9/13/16	11/16/18	//	11/16/18	11/16/18
API Fluid Loss	cc/30 min	5.2	5.3	4.6		4.5	4.6
HTHP Fluid Loss	cc/30 min						
Cake API/HT	1/32"	1/	1/	1/	/	1/	1/
Solids	%Vol	7	7	7.5		7.5	8
Oil/Water	%Vol	/93	/93	/92.5	/	/92.5	/92
Sand	%Vol	0.25	0.25	0.25		0.25	0.25
MBT	lb/bbl	<5	<5	5		5	5
pH		8.4	8.2	8.1	8.4	8.1	8.2
Alkal Mud (Pm)		0.1	0.05	0		0	0
Pf/Mf		0.05/0.4	0.05/0.4	0/0.6	0/0.1	0/0.5	0/0.6
Chlorides	mg/l	31000	31000	30000	72000	30000	29000
Hardness Ca		480	480	520	600	520	520
KCl	% wt	4.8	4.6	4.5	13	4.5	4.5
PHPA	ppb	0.5	0.5	0.5		0.5	0.5
Sulphite Excess	ppm	25	25	25		25	25
Daily Mud Cost	$	0.00	0.00	25920.00		1419.40	4440.59
Cuml Mud Cost	$	317876.04	317876.04	343796.04		345215.44	349656.03
Sales Engineer		Kelvin /Jasdeep	Kelvin /Jasdeep	Kelvin /Jasdeep	Kelvin /Jasdeep	Kelvin /Jasdeep	Kelvin /Jasdeep
Products Used				16%brin / 1440		Guar / 1	NaOH / 2
						KClBB / 2	Duovis / 9
							BulkBar / 4.64

REMARKS

14/09/2005:
15/09/2005:
16/09/2005:

17/09/2005:
18/09/2005:

DRILLING FLUIDS SUMMARY

Operator : Anzon
Field/Area : Gippsland Basin
Well Name : Basker 2
Description : Appraisal Well
Contractor : DOGC
Location : VIC/RL6

Date		18/09/2005	19/09/2005	20/09/2005	21/09/2005	22/09/2005	
Depth/TVD	m	3414/	/	/	3414/	3414/	
Activity		Run Scrapper	Circulating Brine	Run Log	in Perforation Gu	Run Tubing	
Mud Type		8.9 ppg KCl	8.9 ppg KCl	8.9 ppg KCl	8.9 ppg KCl	8.9 ppg KCl	
Hole Size	in	6	6	6	6	6	
Circ Volume	bbl	1202	1205	1270	1168	1173	
Flow Rate	gal/min	0	0	0	0	0	
Circ Pressure	psi	0	0	0	0	0	
Avg ROP	m/hr	0	0	0	0	0	
Sample From		Brine	Pit 3	Active	Pit 3	Pit 5	
Flow Line Temp	°C						
Mud Weight	sp.gr.	1.07@20 °C	1.07@30 °C	1.07@ 25 °C	1.07@28 °C	1.07@30 °C	
Funnel Viscosity	s/qt		27		26	26	
PV	cP						
YP	lb/100ft²						
R600/R300/R200		/ /	/ /	/ /	/ /	/ /	
R100/R6/R3		/ /	/ /	/ /	/ /	/ /	
10s/10m/30m Gel	lb/100ft²	//	//	//	//	//	
API Fluid Loss	cc/30 min						
HTHP Fluid Loss	cc/30 min						
Cake API/HT	1/32"	/	/	/	/	/	
Solids	%Vol						
Oil/Water	%Vol	/	/	/	/	/	
Sand	%Vol						
MBT	lb/bbl						
pH		7.5	7.5	10.5	10.4	10	
Alkal Mud (Pm)		0					
Pf/Mf		0/0.1	0/0.1	0.5/1	0.5/1	0.4/1	
Chlorides	mg/l	56000	55500	55700	55600	56000	
Hardness Ca		240	120	200	140	200	
KCl	% wt	10	10	10	10	10	
PHPA	ppb						
Sulphite Excess	ppm	0		500	250	500	
Daily Mud Cost	$		17404.67	7846.49	7470.00	11317.42	
Cuml Mud Cost	$		367060.70	374907.19	382377.19	393694.61	
Sales Engineer		Kelvin /Jasdeep	Kelvin /Jasdeep	/Jasdeep	/Jasdeep	/Jasdeep	
Products Used			16%brin / 250	S-Cide / 2	16%brin / 415	16%brin / 485	
			S-Vis E / 13	S-COR / 12		S-COR / 4	
			S-SURF / 3	NaOH / 9		NaOH / 4	
			NaOH / 1	DFOAM / 2		Glut / 2	
			DFOAM / 2	Glut / 4		OS-1 / 4	
			KClBB / 3	OS-1 / 13			
			TEA 85 / 4				

REMARKS

19/09/2005:
20/09/2005:
21/09/2005:
22/09/2005:

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

PRODUCT CONSUMPTION

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

Product Name	DATES											
	Previous	Aug 18, 2005		Aug 19, 2005		Aug 20, 2005		Aug 21, 2005		Aug 22, 2005		Page
	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	456.90		0.00		0.00		0.00		0.00		0.00	456.90
CITRIC ACID	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DEFOAM A	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DUO-VIS	0.00	28	8456.84	5	1510.15	28	8456.84	13	3926.39	17	5134.51	27484.73
GLUTE 25	0.00	7	849.45		0.00	3	364.05	1	121.35	2	242.70	1577.55
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	0.00	7	352.03		0.00	3	150.87	1	50.29	2	100.58	653.77
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	0.00	32	4056.32	4	507.04	12	1521.12	5	633.80	15	1901.40	8619.68
SODA ASH	275.04		0.00		0.00		0.00		0.00		0.00	275.04
SODIUM BICARBONATE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIKSEAL MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	0.00	7	315.91		0.00	2	90.26	1	45.13	2	90.26	541.56
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MI BAR (Bulk)	3813.34		0.00		0.00		0.00	31	11099.86	21	7519.26	22432.46
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	0.00	879	15822.00		0.00	1037	18666.00		0.00		0.00	34488.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	0.00	24	3360.00		0.00	11	1540.00	5	700.00	9	1260.00	6860.00
GLYDRIL LC	0.00	41	31739.33		0.00	11	8515.43		0.00		0.00	40254.76
GLYDRIL MC	0.00		0.00		0.00	6	2922.30	14	6818.70	20	9741.00	19482.00
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			64951.88		2017.19		42226.87		23395.52		25989.71	194480.80
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			100851.51		102868.70		145095.57		168491.09		194480.80	194480.80
Cumulative Cost			100851.51		102868.70		145095.57		168491.09		194480.80	194480.80

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

	DATES											
Product	Previous	Aug 23, 2005		Aug 24, 2005		Aug 25, 2005		Aug 26, 2005		Aug 27, 2005		Page
Name	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	456.90		0.00		0.00		0.00	1	30.46		0.00	487.36
CITRIC ACID	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DEFOAM A	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DUO-VIS	27484.7	21	6342.63		0.00		0.00		0.00		0.00	33827.36
GLUTE 25	1577.55	9	1092.15		0.00		0.00	4	485.40		0.00	3155.10
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	653.77	4	201.16		0.00		0.00		0.00		0.00	854.93
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	8619.68	9	1140.84		0.00		0.00		0.00		0.00	9760.52
SODA ASH	275.04		0.00		0.00		0.00		0.00		0.00	275.04
SODIUM BICARBONATE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIKSEAL MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	541.56	1	45.13		0.00		0.00		0.00		0.00	586.69
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	0.00	1	669.89		0.00		0.00		0.00		0.00	669.89
MI BAR (Bulk)	22432.4		0.00		0.00		0.00		0.00		0.00	22432.46
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	34488.0		0.00		0.00		0.00		0.00	700	12600.00	47088.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	6860.00	6	840.00		0.00		0.00		0.00		0.00	7700.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	19482.0	35	17046.75		0.00		0.00		0.00		0.00	36528.75
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			27378.55		0.00		0.00		515.86		12600.00	234975.21
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			221859.35		221859.35		221859.35		222375.21		234975.21	234975.21
Cumulative Cost			221859.35		221859.35		221859.35		222375.21		234975.21	234975.21

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

Product Name	Previous Page	Aug 28, 2005 Qty	Aug 28, 2005 Cost	Aug 29, 2005 Qty	Aug 29, 2005 Cost	Aug 30, 2005 Qty	Aug 30, 2005 Cost	Aug 31, 2005 Qty	Aug 31, 2005 Cost	Sep 1, 2005 Qty	Sep 1, 2005 Cost	Page Totals
			DATES									
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	487.36		0.00	2	60.92		0.00	4	121.84		0.00	670.12
CITRIC ACID	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DEFOAM A	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DUO-VIS	33827.3		0.00		0.00		0.00	21	6342.63	17	5134.51	45304.50
GLUTE 25	3155.10		0.00		0.00		0.00	6	728.10	2	242.70	4125.90
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	854.93		0.00		0.00		0.00	15	754.35	11	553.19	2162.47
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	9760.52		0.00		0.00		0.00	15	1901.40	17	2154.92	13816.84
SODA ASH	275.04		0.00	8	137.52		0.00	6	103.14	7	120.33	636.03
SODIUM BICARBONATE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIKSEAL MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	586.69		0.00		0.00		0.00	3	135.39	2	90.26	812.34
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	669.89		0.00		0.00		0.00		0.00	3	2009.67	2679.56
MI BAR (Bulk)	22432.4		0.00		0.00		0.00		0.00		0.00	22432.46
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	47088.0		0.00		0.00		0.00		0.00		0.00	47088.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	7700.00		0.00		0.00		0.00	8	1120.00	11	1540.00	10360.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	36528.7		0.00		0.00		0.00	2	974.10	8	3896.40	41399.25
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			0.00		198.44		0.00		12180.95		15741.98	263096.58
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			234975.21		235173.65		235173.65		247354.60		263096.58	263096.58
Cumulative Cost			234975.21		235173.65		235173.65		247354.60		263096.58	263096.58

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

Product Name	DATES											
	Previous	Sep 2, 2005		Sep 3, 2005		Sep 4, 2005		Sep 5, 2005		Sep 6, 2005		Page
	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	670.12		0.00		0.00	3	91.38		0.00		0.00	761.50
CITRIC ACID	0.00		0.00		0.00		0.00		0.00		0.00	0.00
DEFOAM A	0.00		0.00		0.00	1	92.24		0.00		0.00	92.24
DUO-VIS	45304.5	4	1208.12		0.00	7	2114.21		0.00		0.00	48626.83
GLUTE 25	4125.90	2	242.70		0.00	4	485.40		0.00		0.00	4854.00
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	2162.47		0.00		0.00		0.00		0.00		0.00	2162.47
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	13816.8	8	1014.08		0.00	8	1014.08		0.00		0.00	15845.00
SODA ASH	636.03		0.00		0.00		0.00		0.00		0.00	636.03
SODIUM BICARBONATE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIKSEAL MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	812.34	2	90.26		0.00		0.00		0.00		0.00	902.60
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	2679.56		0.00		0.00		0.00		0.00		0.00	2679.56
MI BAR (Bulk)	22432.4		0.00		0.00	4	1357.05	1	361.64		0.00	24151.15
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	47088.0		0.00		0.00	170	3060.00		0.00		0.00	50148.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	10360.0	8	1120.00		0.00	8	1120.00		0.00		0.00	12600.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	41399.2	5	2435.25		0.00	5	2435.25		0.00		0.00	46269.75
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			6110.41		0.00		11769.61		361.64		0.00	281338.24
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			269206.99		269206.99		280976.60		281338.24		281338.24	281338.24
Cumulative Cost			269206.99		269206.99		280976.60		281338.24		281338.24	281338.24

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

	DATES											
Product	Previous	Sep 7, 2005		Sep 8, 2005		Sep 9, 2005		Sep 10, 2005		Sep 11, 2005		Page
Name	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	761.50		0.00	4	121.84	1	30.46		0.00	2	60.92	974.72
CITRIC ACID	0.00		0.00	1	50.50		0.00		0.00		0.00	50.50
DEFOAM A	92.24		0.00		0.00		0.00	3	276.72		0.00	368.96
DUO-VIS	48626.8		0.00	38	11477.1	12	3624.36	3	906.09	7	2114.21	66748.63
GLUTE 25	4854.00		0.00	5	606.75	1	121.35	4	485.40		0.00	6067.50
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	2162.47		0.00	4	201.16		0.00	4	201.16		0.00	2564.79
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	15845.0		0.00	42	5323.92	20	2535.20	16	2028.16	19	2408.44	28140.72
SODA ASH	636.03		0.00		0.00		0.00		0.00		0.00	636.03
SODIUM BICARBONATE	0.00		0.00	2	29.08		0.00		0.00		0.00	29.08
KWIKSEAL MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	902.60		0.00		0.00	2	90.26	1	45.13		0.00	1037.99
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	2679.56		0.00		0.00		0.00	4	2679.56		0.00	5359.12
MI BAR (Bulk)	24151.1		0.00		0.00	2	537.09	1	465.48		0.00	25153.72
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	50148.0		0.00		0.00		0.00		0.00		0.00	50148.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	12600.0		0.00		0.00		0.00		0.00		0.00	12600.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	46269.7		0.00		0.00		0.00		0.00		0.00	46269.75
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			0.00		17810.39		6938.72		7087.70		4583.57	317758.62
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			281338.24		299148.63		306087.35		313175.05		317758.62	317758.62
Cumulative Cost			281338.24		299148.63		306087.35		313175.05		317758.62	317758.62

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

	DATES											
Product	Previous	Sep 12, 2005		Sep 13, 2005		Sep 14, 2005		Sep 15, 2005		Sep 16, 2005		Page
Name	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	974.72		0.00		0.00		0.00		0.00		0.00	974.72
CITRIC ACID	50.50		0.00		0.00		0.00		0.00		0.00	50.50
DEFOAM A	368.96		0.00		0.00		0.00		0.00		0.00	368.96
DUO-VIS	66748.6		0.00		0.00		0.00		0.00		0.00	66748.63
GLUTE 25	6067.50		0.00		0.00		0.00		0.00		0.00	6067.50
GUAR GUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	2564.79		0.00		0.00		0.00		0.00		0.00	2564.79
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	28140.7		0.00		0.00		0.00		0.00		0.00	28140.72
SODA ASH	636.03		0.00		0.00		0.00		0.00		0.00	636.03
SODIUM BICARBONATE	29.08		0.00		0.00		0.00		0.00		0.00	29.08
KWIKSEAL MEDIUM	0.00	3	117.42		0.00		0.00		0.00		0.00	117.42
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	1037.99		0.00		0.00		0.00		0.00		0.00	1037.99
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	5359.12		0.00		0.00		0.00		0.00		0.00	5359.12
MI BAR (Bulk)	25153.7		0.00		0.00		0.00		0.00		0.00	25153.72
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	50148.0		0.00		0.00		0.00		0.00	1440	25920.00	76068.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	12600.0		0.00		0.00		0.00		0.00		0.00	12600.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	46269.7		0.00		0.00		0.00		0.00		0.00	46269.75
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			117.42		0.00		0.00		0.00		25920.00	343796.04
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			317876.04		317876.04		317876.04		317876.04		343796.04	343796.04
Cumulative Cost			317876.04		317876.04		317876.04		317876.04		343796.04	343796.04

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

	DATES											
Product	Previous	Sep 17, 2005		Sep 18, 2005		Sep 19, 2005		Sep 20, 2005		Sep 21, 2005		Page
Name	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00		0.00		0.00		0.00		0.00	398.58
CAUSTIC SODA	974.72		0.00	2	60.92	1	30.46	9	274.14		0.00	1340.24
CITRIC ACID	50.50		0.00		0.00		0.00		0.00		0.00	50.50
DEFOAM A	368.96		0.00		0.00	2	184.48	2	184.48		0.00	737.92
DUO-VIS	66748.6		0.00	9	2718.27		0.00		0.00		0.00	69466.90
GLUTE 25	6067.50		0.00		0.00		0.00	4	485.40		0.00	6552.90
GUAR GUM	0.00	1	79.62		0.00		0.00		0.00		0.00	79.62
KWIK SEAL FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
LIME	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	2564.79		0.00		0.00		0.00	13	653.77		0.00	3218.56
PIPE-LAX W	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	28140.7		0.00		0.00		0.00		0.00		0.00	28140.72
SODA ASH	636.03		0.00		0.00		0.00		0.00		0.00	636.03
SODIUM BICARBONATE	29.08		0.00		0.00		0.00		0.00		0.00	29.08
KWIKSEAL MEDIUM	117.42		0.00		0.00		0.00		0.00		0.00	117.42
FLO-VIS PLUS	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	0.00		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	0.00		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	1037.99		0.00		0.00		0.00		0.00		0.00	1037.99
OMYACARB 20	0.00		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	5359.12	2	1339.78		0.00	3	2009.67		0.00		0.00	8708.57
MI BAR (Bulk)	25153.7		0.00	5	1661.40		0.00		0.00		0.00	26815.12
MI Gel (Bulk)	30955.7		0.00		0.00		0.00		0.00		0.00	30955.77
BRINE KCl 16%	76068.0		0.00		0.00	250	4500.00		0.00	415	7470.00	88038.00
DUAL-FLO HT	0.00		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	0.00		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	0.00		0.00		0.00		0.00	2	183.54		0.00	183.54
SAFE-COR	0.00		0.00		0.00		0.00	12	6065.16		0.00	6065.16
SAFE-VIS E	0.00		0.00		0.00	13	3376.62		0.00		0.00	3376.62
SAFE-SURF WN	0.00		0.00		0.00	3	3500.64		0.00		0.00	3500.64
POLY PLUS DRY	12600.0		0.00		0.00		0.00		0.00		0.00	12600.00
GLYDRIL LC	40254.7		0.00		0.00		0.00		0.00		0.00	40254.76
GLYDRIL MC	46269.7		0.00		0.00		0.00		0.00		0.00	46269.75
OMYA CARB 40	0.00		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	0.00		0.00		0.00	4	3802.80		0.00		0.00	3802.80
SAPP	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			1419.40		4440.59		17404.67		7846.49		7470.00	382377.19
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			345215.44		349656.03		367060.70		374907.19		382377.19	382377.19
Cumulative Cost			345215.44		349656.03		367060.70		374907.19		382377.19	382377.19

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

Product Name	DATES											
	Previous	Sep 22, 2005										Page
	Page	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Totals
CALCIUM CHLORIDE Sacks	398.58		0.00									398.58
CAUSTIC SODA	1340.24	4	121.84									1462.08
CITRIC ACID	50.50		0.00									50.50
DEFOAM A	737.92		0.00									737.92
DUO-VIS	69466.9		0.00									69466.90
GLUTE 25	6552.90	2	242.70									6795.60
GUAR GUM	79.62		0.00									79.62
KWIK SEAL FINE	0.00		0.00									0.00
LIME	0.00		0.00									0.00
OS-1	3218.56	4	201.16									3419.72
PIPE-LAX W	0.00		0.00									0.00
POLYPAC UL	28140.7		0.00									28140.72
SODA ASH	636.03		0.00									636.03
SODIUM BICARBONATE	29.08		0.00									29.08
KWIKSEAL MEDIUM	117.42		0.00									117.42
FLO-VIS PLUS	0.00		0.00									0.00
MIX II FINE	0.00		0.00									0.00
MIX II MEDIUM	0.00		0.00									0.00
POTASSIUM HYDROXIDE	1037.99		0.00									1037.99
OMYACARB 20	0.00		0.00									0.00
KCl BB	8708.57		0.00									8708.57
MI BAR (Bulk)	26815.1		0.00									26815.12
MI Gel (Bulk)	30955.7		0.00									30955.77
BRINE KCl 16%	88038.0	485	8730.00									96768.00
DUAL-FLO HT	0.00		0.00									0.00
OMYA CARB 8	0.00		0.00									0.00
SAFE-CIDE	183.54		0.00									183.54
SAFE-COR	6065.16	4	2021.72									8086.88
SAFE-VIS E	3376.62		0.00									3376.62
SAFE-SURF WN	3500.64		0.00									3500.64
POLY PLUS DRY	12600.0		0.00									12600.00
GLYDRIL LC	40254.7		0.00									40254.76
GLYDRIL MC	46269.7		0.00									46269.75
OMYA CARB 40	0.00		0.00									0.00
TRIETHANOLAMINE	3802.80		0.00									3802.80
SAPP	0.00		0.00									0.00
Cumulative Engineering			0.00									0.00
Daily Product			11317.42									393694.61
Daily Sales Tax			0									0.00
Cumulative Product			393694.61									393694.61
Cumulative Cost			393694.61									393694.61

Product Consumption

Operator : Anzon
Well Name : Basker 2
Location : VIC/RL6
Field/Area: Gippsland Basin

Contractor: DOGC
M-I Engineer: G.Howie/J.Singh
Rig Name: Ocean Patriot
Stock Point: Melbourne

Product Name	Product Price	Aug 3, 2005 Qty	Aug 3, 2005 Cost	Aug 14, 2005 Qty	Aug 14, 2005 Cost	Aug 15, 2005 Qty	Aug 15, 2005 Cost	Aug 16, 2005 Qty	Aug 16, 2005 Cost	Aug 17, 2005 Qty	Aug 17, 2005 Cost	Page Totals
		DATES										
CALCIUM CHLORIDE Sacks	15.33		0.00	26	398.58		0.00		0.00		0.00	398.58
CAUSTIC SODA	30.46		0.00	5	152.30	2	60.92	1	30.46	7	213.22	456.90
CITRIC ACID	50.50		0.00		0.00		0.00		0.00		0.00	0.00
DEFOAM A	92.24		0.00		0.00		0.00		0.00		0.00	0.00
DUO-VIS	302.03		0.00		0.00		0.00		0.00		0.00	0.00
GLUTE 25	121.35		0.00		0.00		0.00		0.00		0.00	0.00
GUAR GUM	79.62		0.00		0.00		0.00		0.00		0.00	0.00
KWIK SEAL FINE	39.14		0.00		0.00		0.00		0.00		0.00	0.00
LIME	13.81		0.00		0.00		0.00		0.00		0.00	0.00
OS-1	50.29		0.00		0.00		0.00		0.00		0.00	0.00
PIPE-LAX W	498.27		0.00		0.00		0.00		0.00		0.00	0.00
POLYPAC UL	126.76		0.00		0.00		0.00		0.00		0.00	0.00
SODA ASH	17.19		0.00	4	68.76	1	17.19	1	17.19	10	171.90	275.04
SODIUM BICARBONATE	14.54		0.00		0.00		0.00		0.00		0.00	0.00
KWIKSEAL MEDIUM	39.14		0.00		0.00		0.00		0.00		0.00	0.00
FLO-VIS PLUS	533.49		0.00		0.00		0.00		0.00		0.00	0.00
MIX II FINE	36.82		0.00		0.00		0.00		0.00		0.00	0.00
MIX II MEDIUM	38.86		0.00		0.00		0.00		0.00		0.00	0.00
POTASSIUM HYDROXIDE	45.13		0.00		0.00		0.00		0.00		0.00	0.00
OMYACARB 20	8.25		0.00		0.00		0.00		0.00		0.00	0.00
KCl BB	669.89		0.00		0.00		0.00		0.00		0.00	0.00
MI BAR (Bulk)	358.06		0.00		0.00	7	2506.42	4	1306.92		0.00	3813.34
MI Gel (Bulk)	382.17		0.00	38	14522.4	7	2675.19	36	13758.12		0.00	30955.77
BRINE KCl 16%	18.00		0.00		0.00		0.00		0.00		0.00	0.00
DUAL-FLO HT	146.67		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 8	10.75		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-CIDE	91.77		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-COR	505.43		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-VIS E	259.74		0.00		0.00		0.00		0.00		0.00	0.00
SAFE-SURF WN	1166.88		0.00		0.00		0.00		0.00		0.00	0.00
POLY PLUS DRY	140.00		0.00		0.00		0.00		0.00		0.00	0.00
GLYDRIL LC	774.13		0.00		0.00		0.00		0.00		0.00	0.00
GLYDRIL MC	487.05		0.00		0.00		0.00		0.00		0.00	0.00
OMYA CARB 40	7.74		0.00		0.00		0.00		0.00		0.00	0.00
TRIETHANOLAMINE	950.70		0.00		0.00		0.00		0.00		0.00	0.00
SAPP	74.73		0.00		0.00		0.00		0.00		0.00	0.00
Cumulative Engineering			0.00		0.00		0.00		0.00		0.00	0.00
Daily Product			0.00		15142.10		5259.72		15112.69		385.12	35899.63
Daily Sales Tax			0		0		0		0		0	0.00
Cumulative Product			0.00		15142.10		20401.82		35514.51		35899.63	35899.63
Cumulative Cost			0.00		15142.10		20401.82		35514.51		35899.63	35899.63

DRILLING FLUIDS RECAP FOR ANZON AUSTRALIA
BASKER-2

DAILY
MUD
REPORTS

WATER-BASED MUD REPORT No. 1

Date	14/08/2005	**Depth/TVD**	208 m / 208 m
Spud Date	14/08/2005	**Mud Type**	Spud mud
Water Depth	153	**Activity**	Running 30" csg

Operator : Anzon
Report For : Wally Westman/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 36 in Hughes MX1		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	85	Pump Size	6.5 X 12.in	6.5 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m		457	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	m		457	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
6.5 in	m		1380	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@21:00	
Flow Line Temp	°C		
Depth/TVD	m	204/204	
Mud Weight	sp.gr.	1.05	
Funnel Viscosity	s/qt	>150	
Rheology Temp	°C		
R600/R300		165/143	
R200/R100		131/124	
R6/R3		118/113	
PV	cP	22	
YP	lb/100ft²	121	
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10	
Alkal Mud (Pm)			
Pf/Mf			
Chlorides	mg/l		
Hardness Ca	mg/l		
KCl	% wt		
PHPA	ppb		
Sulphite Excess	ppm		
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CALCIUM CHLORIDE Sacks	25 KG BG	26.00
CAUSTIC SODA	25 KG DM	5.00
SODA ASH	25 KG BG	4.00
MI Gel (Bulk)	1 MT BG	38.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1		0
VSM Shaker 2		0
VSM Shaker 3		0
VSM Shaker 4		0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.04
Viscosity	>100
Filtrate	n/a

REMARKS AND TREATMENT

Mixed PHG spud mud for sweeps. Mixed CaCl2 in 175 bbls seawater for cement job in pit #1.
Received bulk gel, bulk barite and chemical load out.

REMARKS

Spudded well. Drilled 32.6 meters of formation to interval depth 204 meters. Pumped hi-vis sweeps every 10 meters, 100 bbls at interval TD then displaced 1.5 times open hole volume. Total hi-vis mud used 527 bbls. Running 30" conductor.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	12	Oil Added	0	NaCl	/	np/na Values	
Drilling	1.5	Water Added	2272	KCl	/	kp/ka (lb•s^n/100ft²)	
Tripping	8.5	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	/	Bit HHP (hhp / HSI)	
Condition Hole	1	Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
Cementing	1	Evaporation	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Desilter	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Formation	0	Inert/React		Crit Vel DP (m/s)	
		Left in Hole	0	Average SG		Crit Vel DC (m/s)	
		Other	0	Carb/BiCarb (m mole/L)	/		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 15,142.10	$ 15,142.10

WATER-BASED MUD REPORT No. 2

Date	15/08/2005	**Depth/TVD**	472 m / 472 m
Spud Date	14/08/2005	**Mud Type**	Spud mud
Water Depth	153	**Activity**	Drilling 17 1/5"

Operator : Anzon
Report For : Wally Westman/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 17.5 in Hughes MX1		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16(
Nozzles 3x20 / 1/32"		30in @208m (208TVD)	327	Pump Size	6.5 X 12.in	6.5 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	5.016 gal/stk	5.016 gal/stk
5 in	229 m		407	Pump stk/min	100@97%	100@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	1003 gal/min	
5 in	138 m		734	Bottoms Up	12.9 min	2572 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	30.7 min	6147 stk
6.5 in	104 m		1490	Circulating Pressure	1940 psi	

MUD PROPERTIES

Sample From		Active@18.00	
Flow Line Temp	°C		
Depth/TVD	m	211/211	
Mud Weight	sp.gr.	1.05	
Funnel Viscosity	s/qt	>150	
Rheology Temp	°C		
R600/R300		165/143	
R200/R100			
R6/R3			
PV	cP	22	
YP	lb/100ft²	121	
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10	
Alkal Mud (Pm)			
Pf/Mf			
Chlorides	mg/l		
Hardness Ca	mg/l		
KCl	% wt		
PHPA	ppb		
Sulphite Excess	ppm		
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	2.00
SODA ASH	25 KG BG	1.00
MI BAR (Bulk)	1 MT BG	7.00
MI Gel (Bulk)	1 MT BG	7.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1		0
VSM Shaker 2		0
VSM Shaker 3		0
VSM Shaker 4		0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.04
Viscosity	>100
Filtrate	n/a

REMARKS AND TREATMENT

PHG was mixed as required to maintain 4 pits of gel mud ready for use.
Mixing 300 bbls 9.5ppg Kill mud in pit #2.

REMARKS

Pumped 105 bbl cement slurry at 15.8 ppg. WOC. RIH to tag cement at 205 m.
Drilled 17.5" hole to 472 m.
PHG hi vis gel mud was used to sweep the hole clean. 30bbl mid stand and 50bbl sweep on connections.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	/	np/na Values	0.206/0.206
Drilling	7.5	Water Added	880	KCl	/	kp/ka (lb•s^n/100ft²)	42.106/42.106
Tripping	9	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	958 / 49.4
Non-Productive Tim		Dumped	0	Bentonite	/	Bit HHP (hhp / HSI)	561 / 2.3
Condition Hole		Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	107
Cementing	1.5	Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	.44
Wait on Cement	6	Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	.47
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	4
		Other	175	Average SG		Crit Vel DC (m/s)	4
		Sweeps	673	Carb/BiCarb (m mole/L)	/	ECD @ 472 (sp.gr.)	1.09

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 5,259.72	$ 20,401.82

WATER-BASED MUD REPORT No. 3

Date	16/08/2005	**Depth/TVD**	1006 m / 1006 m
Spud Date	14/08/2005	**Mud Type**	Spud mud
Water Depth	153	**Activity**	TD. POOH

Operator : Anzon
Report For : Wally Westman/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 17.5 in Hughes MX1		Surface	Hole	Pump Make	NATIONAL 12P-16(	NATIONAL 12P-16(
Nozzles 3x20 / 1/32"		30in @208m (208TVD)	842.9	Pump Size	6.5 X 12.in	6.5 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	5.016 gal/stk	5.016 gal/stk
5 in	763 m		49.1	Pump stk/min	100@97%	100@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	1003 gal/min	
5 in	138 m		892	Bottoms Up	33.2 min	6631 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	37.4 min	7470 stk
6.5 in	104 m		385	Circulating Pressure	2200 psi	

MUD PROPERTIES

Sample From		Active@20.00	
Flow Line Temp	°C		
Depth/TVD	m	1005/1005	
Mud Weight	sp.gr.	1.05	
Funnel Viscosity	s/qt	>150	
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10	
Alkal Mud (Pm)			
Pf/Mf			
Chlorides	mg/l		
Hardness Ca	mg/l		
KCl	% wt		
PHPA	ppb		
Sulphite Excess	ppm		
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	1.00
SODA ASH	25 KG BG	1.00
MI BAR (Bulk)	1 MT BG	3.65
MI Gel (Bulk)	1 MT BG	36.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1		0
VSM Shaker 2		0
VSM Shaker 3		0
VSM Shaker 4		0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.04
Viscosity	>100
Filtrate	n/a

REMARKS AND TREATMENT

Mixed 370bbl PHG to replace volume consumed in sweeps.
Correlated Gel and Bayrite inventory figures to barge report 16 August 2005.

REMARKS

Drilled to TD of 1006 m with 30 bbl sweeps midstand and 50 bbl on connections. Swept hole clean with 150 bbl PHG. Displaced hole with 925 bbl PHG and 250 bbl weighted PHG. POH.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	0.5	Oil Added	0	NaCl	/	np/na Values	0.206/0.206
Drilling	21	Water Added	370	KCl	/	kp/ka (lb•s^n/100ft²)	42.106/42.106
Tripping	2.5	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	958 / 43.6
Non-Productive Tim		Formation	0	Bentonite	/	Bit HHP (hhp / HSI)	561 / 2.3
Condition Hole		Left in Hole	842	Drill Solids	/	Bit Jet Vel (m/s)	107
Cementing		Other	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	.44
Wait on Cement		Sweeps	1083	Chemical Conc	- /	Ann. Vel DC (m/s)	.47
		Dumped	0	Inert/React		Crit Vel DP (m/s)	
		Shakers	0	Average SG		Crit Vel DC (m/s)	
		Desilter	0	Carb/BiCarb (m mole/L)	/	ECD @ 472 (sp.gr.)	1.09

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 15,112.69	$ 35,514.51

WATER-BASED MUD REPORT No. 4

Date	17/08/2005	**Depth/TVD**	1006 m / 1006 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Run Riser/BOP

Operator : Anzon
Report For : Wally Westman/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	404.8	Pump Size	6.5 X 12.in	6.5 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m		.2	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	m		.2	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
6.5 in	m		296	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 2@22.00	
Flow Line Temp	°C		
Depth/TVD	m	1006/1006	
Mud Weight	sp.gr.	1.05	
Funnel Viscosity	s/qt	>120	
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10	
Alkal Mud (Pm)			
Pf/Mf			
Chlorides	mg/l		
Hardness Ca	mg/l		
KCl	% wt		
PHPA	ppb		
Sulphite Excess	ppm		
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	7.00
SODA ASH	25 KG BG	10.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1		0
VSM Shaker 2		0
VSM Shaker 3		0
VSM Shaker 4		0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.06
Viscosity	45-50
Filtrate	<6ml

REMARKS AND TREATMENT

Collected residual Gel mud, 294bbls, into pit 2 for sweeps drilling through cement shoe. Cleaned pits 5, 4, 3 and 1 for receiving KCl brine.
Received 879 bbl 16% KCl brine from Pacific Sentinel.

REMARKS

Continued POH. Rig up to run 13 3/8" casing. Land and cement casing with shoe at 998 m.
Mixing approx 1800 bbls KCl/PHPA/Glycol mud for next interval.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	8	Oil Added	0	NaCl	/	np/na Values	
Drilling		Water Added	0	KCl	/	kp/ka (lb•s^n/100ft²)	
Tripping	14	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	139	Bentonite	/	Bit HHP (hhp / HSI)	
Cementing	2	Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	
		Other	0	Average SG		Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	/		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 385.12	$ 35,899.63

WATER-BASED MUD REPORT No. 5

Date	18/08/2005	**Depth/TVD**	1006 m / 1006 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Riser/BOP

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	623.4	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	451.6	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	m		451.6	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
6.5 in	m		1455	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@08:10	
Flow Line Temp	°C	na	
Depth/TVD	m	1006/1006	
Mud Weight	sp.gr.	1.05@20°C	
Funnel Viscosity	s/qt	62	
Rheology Temp	°C	49	
R600/R300		25/18	
R200/R100		14/10	
R6/R3		3/2	
PV	cP	7	
YP	lb/100ft²	11	
10s/10m/30m Gel	lb/100ft²	3/3/4	
API Fluid Loss	cc/30 min	17	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	<1/	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0	
MBT	lb/bbl	0	
pH		10.0	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.1/1.2	
Chlorides	mg/l	43000	
Hardness Ca	mg/l	200	
KCl	% wt	7.5	
PHPA	ppb	0.5	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	28.00
GLUTE 25	25 LT CN	7.00
OS-1	25 KG BG	7.00
POLYPAC UL	25 KG BG	32.00
POTASSIUM HYDROXIDE	25 KG CN	7.00
BRINE KCl 16%	1 BL BL	879.00
POLY PLUS DRY	25 KG BG	24.00
GLYDRIL LC	55 GA DM	41.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 110	0
VSM Shaker 2	3 x 84, 110	0
VSM Shaker 3	4 x 84	0
VSM Shaker 4	3 x 120, 110	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.06
Viscosity	45-50
Filtrate	<6ml

REMARKS AND TREATMENT

Mixed 474 bbl concentrated KCl/polymer/glycol mud for trickle feeding into the active system after initial displacement.

REMARKS

Pressure test lines and run riser stack.
A total of 1611 bbls KCl/PHPA/Glycol mud has been mixed ready to displace for 12 1/4" hole section.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	24	Oil Added	0	NaCl	.1/ 1.7	np/na Values	
Drilling		Water Added	671	KCl	3.2/ 29.5	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	-.3/ -2.9	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	
Cementing		Shakers	0	Drill Solids	-1./ -8.9	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.6	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1.9/ 1.		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 64,951.88	$ 100,851.51

WATER-BASED MUD REPORT No. 6

Date	19/08/2005	**Depth/TVD**	1006 m / 1006 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Make up BHA/DP

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	623.4	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	454.6	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	138 m		454.6	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
8 in	63 m		1455	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 1@11.00	
Flow Line Temp	°C	na	
Depth/TVD	m	1006/1006	
Mud Weight	sp.gr.	1.05@25°C	
Funnel Viscosity	s/qt	55	
Rheology Temp	°C	49	
R600/R300		48/34	
R200/R100		27/20	
R6/R3		7/5	
PV	cP	14	
YP	lb/100ft²	20	
10s/10m/30m Gel	lb/100ft²	1/1/1	
API Fluid Loss	cc/30 min	16	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	<1/	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0	
MBT	lb/bbl	0	
pH		9.5	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.1/1.2	
Chlorides	mg/l	43000	
Hardness Ca	mg/l	200	
KCl	% wt	7.5	
PHPA	ppb	0.5	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	5.00
POLYPAC UL	25 KG BG	4.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 110	0
VSM Shaker 2	3 x 84, 110	0
VSM Shaker 3	4 x 84	0
VSM Shaker 4	3 x 120, 110	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.06
Viscosity	45-50
Filtrate	<6ml

REMARKS AND TREATMENT

Treatment made to mud system today to adjust rheology. Waiting on displacement.

REMARKS

Latched riser. Ran wireline tests. Made up BHA and pick up drill pipe.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	24	Oil Added	0	NaCl	.1/ 1.7	np/na Values	
Drilling		Water Added	0	KCl	3.2/ 29.5	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	-.3/ -2.9	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	
		Shakers	0	Drill Solids	-1./ -8.9	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.6	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	2./ 3.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 2,017.19	$ 102,868.70

WATER-BASED MUD REPORT No. 7

Date	20/08/2005	**Depth/TVD**	1492 m / 1492 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling 12 1/4"

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in Security PDC		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 3x16 /3x18 / 1/32"		30in @208m (208TVD)	811.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	1292 m	13.375in @1006m (1006TVD)	518.5	Pump stk/min	107@97%	107@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	915 gal/min	
5 in	149 m		1330	Bottoms Up	33.5 min	7177 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	61 min	13065 stk
8 in	51 m		1127	Circulating Pressure	2480 psi	

MUD PROPERTIES

Sample From		Active@22.30	Pit 3@16:00
Flow Line Temp	°C	32	30
Depth/TVD	m	1492/1492	1270/1270
Mud Weight	sp.gr.	1.08@30°C	1.05@30°C
Funnel Viscosity	s/qt	51	48
Rheology Temp	°C	49	49
R600/R300		39/29	40/27
R200/R100		24/20	22/16
R6/R3		8/5	6/4
PV	cP	10	13
YP	lb/100ft²	19	14
10s/10m/30m Gel	lb/100ft²	4/6/7	4/5/6
API Fluid Loss	cc/30 min	7.2	9.2
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	1/
Solids	%Vol	8	6
Oil/Water	%Vol	/92	/94
Sand	%Vol	Tr	Tr
MBT	lb/bbl	<5	>5
pH		8.2	8.8
Alkal Mud (Pm)		0.1	0.1
Pf/Mf		0.4/1	0.5/1.2
Chlorides	mg/l	44000	44000
Hardness Ca	mg/l	480	480
KCl	% wt	7	7.5
PHPA	ppb	0.6	0.5
Sulphite Excess	ppm		
Glycol	% vol	2.5	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	28.00
GLUTE 25	25 LT CN	3.00
OS-1	25 KG BG	3.00
POLYPAC UL	25 KG BG	12.00
POTASSIUM HYDROXIDE	25 KG CN	2.00
BRINE KCl 16%	1 BL BL	1037.00
POLY PLUS DRY	25 KG BG	11.00
GLYDRIL LC	55 GA DM	11.00
GLYDRIL MC	220 KG DM	6.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 110	18
VSM Shaker 2	3 x 84, 110	18
VSM Shaker 3	4 x 84	18
VSM Shaker 4	3 x 120, 110	18
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.06
Viscosity	45-50
Filtrate	<6ml

REMARKS AND TREATMENT

150 bbl PHG from the open hole section, used to sweep the hole clean when drilling cement. The remainder dumped. Received 1037 bbls 16% KCl brine from Pacific Wrangler.
Displaced hole to KCl/PHPA/Glycol mud. Some losses at the shakers. Changed all screens back to 84 mesh until mud warmed up. (Now have 120 & 110 mesh screens on 2 shakers.) Adding concentrated premix mud to active to bring properties in line as programmed.

REMARKS

RIH. Tagged cement at 968 m. Drilled to casing shoe with seawater. Swept clean with 150 bbl PHG. Displaced with new KCl/PHPA/Glycol mud. Drilled rathole and performed LOT to 12.49 ppg. Drilled ahead.

Shaker screens were changed out to utilise the coarsest screens available. 8 new 84 mesh ANZON screens were used. 1 new Anzon 110 mesh screen used later.
Mixing premix mud to add to active to maintain properties and volume.
Large volume of individual cuttings indicating good hole cleaning at present ROP of

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.2/ 2.2	np/na Values	0.427/0.395
Drilling	20	Water Added	264	KCl	3.2/ 28.9	kp/ka (lb•s^n/100ft²)	2.152/2.799
Tripping	3	Mud Received	0	Low Gravity	1.5/ 14.1	Bit Loss (psi / %)	390 / 15.7
Non-Productive Tim		Dumped	144	Bentonite	./.	Bit HHP (hhp / HSI)	208 / 1.8
Testing	1	Shakers	434	Drill Solids	1.1/ 10.2	Bit Jet Vel (m/s)	67
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	.91
		Formation	55	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.32
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	1
		Other	0	Average SG	2.6	Crit Vel DC (m/s)	2
		Sweeps	150	Carb/BiCarb (m mole/L)	8./ 252.9	ECD @ 1492 (sp.gr.)	1.1

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 42,226.87	$ 145,095.57

WATER-BASED MUD REPORT No. 8

Date	21/08/2005	**Depth/TVD**	1893 m / 1893 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling 12 1/4"

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in Security PDC		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16(
Nozzles 3x16 /3x18 / 1/32"		30in @208m (208TVD)	985.7	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	1693 m	13.375in @1006m (1006TVD)	502.3	Pump stk/min	107@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	910 gal/min	
6.625 in	149 m		1488	Bottoms Up	40.7 min	8666 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	68.7 min	14628 stk
8 in	51 m		966	Circulating Pressure	2894 psi	

MUD PROPERTIES

Sample From		Active@21.30	Active@04:00
Flow Line Temp	°C	40	38
Depth/TVD	m	1841/1841	1660/1660
Mud Weight	sp.gr.	1.2@36°C	1.11@30°C
Funnel Viscosity	s/qt	54	50
Rheology Temp	°C	49	49
R600/R300		52/39	42/31
R200/R100		32/25	26/19
R6/R3		9/6	7/5
PV	cP	13	11
YP	lb/100ft²	26	20
10s/10m/30m Gel	lb/100ft²	8/12/	6/8/9
API Fluid Loss	cc/30 min	5.4	6.8
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	1/
Solids	%Vol	10	8
Oil/Water	%Vol	/90	/92
Sand	%Vol	0.25	0.5
MBT	lb/bbl	<5	5
pH		8.9	8.5
Alkal Mud (Pm)		0.4	0.2
Pf/Mf		0.05/0.3	0.05/1.1
Chlorides	mg/l	43000	42000
Hardness Ca	mg/l	520	600
KCl	% wt	7	8
PHPA	ppb	0.8	0.8
Sulphite Excess	ppm		
Glycol	% vol	2.5	2.5
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	13.00
GLUTE 25	25 LT CN	1.00
OS-1	25 KG BG	1.00
POLYPAC UL	25 KG BG	5.00
POTASSIUM HYDROXIDE	25 KG CN	1.00
MI BAR (Bulk)	1 MT BG	31.00
POLY PLUS DRY	25 KG BG	5.00
GLYDRIL MC	220 KG DM	14.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 110	13
VSM Shaker 2	4 x 165	13
VSM Shaker 3	4 x 84	13
VSM Shaker 4	3 x 120, 110	13
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.06
Viscosity	45-50
Filtrate	<6ml

REMARKS AND TREATMENT

Weighed up system to 9.4ppg before POOH. Increasing mud weight to 10 ppg after RIH.
A concentrated premix was bled into the active system as required to maintain volume and programmed properties. Increased active system weight to 1.2 sg (10 ppg)

REMARKS

Drilled to 1689 m., circulated bottoms up before pulling back to shoe. Picked up more drill pipe. RIH to tag bottom with no fill. Continued drilling to 1893 m.

Screened up shaker #2 to 4 x 165 mesh new screens from ANZON stock. Now drilling ahead. Good hole cleaning. Cuttings dry with good integrity.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ 1.6	np/na Values	0.415/0.407
Drilling	13	Water Added	128	KCl	3./ 27.3	kp/ka (lb•s^n/100ft²)	3.127/3.296
Tripping	9.5	Mud Received	0	Low Gravity	4.4/ 40.1	Bit Loss (psi / %)	429 / 14.8
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	228 / 1.9
Condition Hole	1.5	Shakers	163	Drill Solids	4.3/ 39.5	Bit Jet Vel (m/s)	67
		Desilter	0	Weight Material	2.4/ 35.9	Ann. Vel DP (m/s)	.91
		Formation	36	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.32
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	2
		Other	0	Average SG	3.17	Crit Vel DC (m/s)	2
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 6.3	ECD @ 1893 (sp.gr.)	1.23

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 23,395.52	$ 168,491.09

WATER-BASED MUD REPORT No. 9

Date	22/08/2005	**Depth/TVD**	2438 m / 2438 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling 12 1/4"

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Security PDC			
Nozzles 3x16 /3x18 / 1/32"			
Drill Pipe Size	Length		
5 in	2238 m		
Drill Pipe Size	Length		
6.625 in	149 m		
Drill Collar Size	Length		
8 in	51 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1234.7	
Active Pits	
556.3	
Total Circulating Vol	
1791	
In Storage	
725	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	100@97%	106@97%
Flow Rate	880 gal/min	
Bottoms Up	52.4 min	10803 stk
Total Circ Time	85.5 min	17609 stk
Circulating Pressure	3500 psi	

MUD PROPERTIES

Sample From		Active@22.45	Active@16.30
Flow Line Temp	°C	40	40
Depth/TVD	m	2409/2409	2314/2314
Mud Weight	sp.gr.	1.21@38°C	1.22@38°C
Funnel Viscosity	s/qt	55	54
Rheology Temp	°C	49	49
R600/R300		61/46	56/42
R200/R100		38/29	35/26
R6/R3		11/8	10/8
PV	cP	15	14
YP	lb/100ft²	31	28
10s/10m/30m Gel	lb/100ft²	8/12/15	9/12/15
API Fluid Loss	cc/30 min	4.4	4.4
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	1/
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	0.5	0.5
MBT	lb/bbl	7	<7
pH		8.4	8.1
Alkal Mud (Pm)		0.5	0.5
Pf/Mf		0.1/0.4	0.05/0.3
Chlorides	mg/l	41000	41000
Hardness Ca	mg/l	720	820
KCl	% wt	7.5	7.5
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm	10	10
Glycol	% vol	3.4	3.4
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	17.00
GLUTE 25	25 LT CN	2.00
OS-1	25 KG BG	2.00
POLYPAC UL	25 KG BG	15.00
POTASSIUM HYDROXIDE	25 KG CN	2.00
MI BAR (Bulk)	1 MT BG	21.00
POLY PLUS DRY	25 KG BG	9.00
GLYDRIL MC	220 KG DM	20.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	24
VSM Shaker 2	4 x 165	24
VSM Shaker 3	4 x 165	24
VSM Shaker 4	2 x 180, 2 x 16	24
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	<5ml

REMARKS AND TREATMENT

Mixed another 500 bbl concentrated mud for bleeding into active. Continued bleeding in pre-mix to maintain programmed properties and provide drilled hole volume. Also adding drillwater at 10 bph to active through hose.

REMARKS

Drilled ahead to 2409 m. Dumped header box when overloaded with cuttings. Some losses at shakers caused by rig rolling in rough seas.

Changed screens on shaker #3 to 4 x 165 mesh, shaker #1 to 180 mesh, shaker #4 to 2 x 180, 2 x 165 screens. All new screens from ANZON stock.

TIME DISTR	Last 24 Hrs
Rig Up/Service	
Drilling	24
Tripping	
Non-Productive Tim	
Condition Hole	

MUD VOL ACCTG	(bbl)
Oil Added	0
Water Added	288
Mud Received	0
Dumped	45
Shakers	245
Desilter	0
Formation	0
Left in Hole	0
Other	0
Sweeps	0

SOLIDS ANALYSIS (%/lb/bbl)	
NaCl	./ .5
KCl	3./ 27.3
Low Gravity	3.8/ 34.9
Bentonite	.5/ 4.1
Drill Solids	2.8/ 25.7
Weight Material	3.1/ 45.8
Chemical Conc	- / 5.
Inert/React	3.2646
Average SG	3.32
Carb/BiCarb (m mole/L)	2./ 39.9

MUD RHEOLOGY & HYDRAULICS	
np/na Values	0.407/0.367
kp/ka (lb•s^n/100ft²)	3.874/4.689
Bit Loss (psi / %)	404 / 11.6
Bit HHP (hhp / HSI)	208 / 1.8
Bit Jet Vel (m/s)	64
Ann. Vel DP (m/s)	.88
Ann. Vel DC (m/s)	1.27
Crit Vel DP (m/s)	2
Crit Vel DC (m/s)	2
ECD @ 2438 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 25,989.71	$ 194,480.80

WATER-BASED MUD REPORT No. 10

Date	23/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Tripping

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in Security PDC		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 3x16 /3x18 / 1/32"		30in @208m (208TVD)	1310.8(Tot)/201.9(Bit)	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	m	13.375in @1006m (1006TVD)	477.2	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	880 gal/min	
6.625 in	149 m		679.1	Bottoms Up	9.4 min	1930 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	32.4 min	6676 stk
8 in	51 m		876	Circulating Pressure	3500 psi	

MUD PROPERTIES

Sample From		Pit 3@20:00	Active@04:00
Flow Line Temp	°C		48
Depth/TVD	m	2497/2497	2489/2489
Mud Weight	sp.gr.	1.2@27°C	1.20@38°C
Funnel Viscosity	s/qt	65	55
Rheology Temp	°C	49	49
R600/R300		63/47	58/42
R200/R100		40/30	36/27
R6/R3		11/8	11/9
PV	cP	16	16
YP	lb/100ft²	31	26
10s/10m/30m Gel	lb/100ft²	9/15/18	11/14/15
API Fluid Loss	cc/30 min	4.4	4.9
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	1/
Solids	%Vol	10	11
Oil/Water	%Vol	/90	/89
Sand	%Vol	0.5	0.4
MBT	lb/bbl	5	7.5
pH		8	8.5
Alkal Mud (Pm)		0	0.1
Pf/Mf		0.0/0.2	0.05/0.7
Chlorides	mg/l	36000	36000
Hardness Ca	mg/l	800	800
KCl	% wt	7	7.2
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm		
Glycol	% vol	3	2.7
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	21.00
GLUTE 25	25 LT CN	9.00
OS-1	25 KG BG	4.00
POLYPAC UL	25 KG BG	9.00
POTASSIUM HYDROXIDE	25 KG CN	1.00
KCl BB	1 MT BG	1.00
POLY PLUS DRY	25 KG BG	6.00
GLYDRIL MC	220 KG DM	35.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	5
VSM Shaker 2	4 x 165	5
VSM Shaker 3	4 x 165	5
VSM Shaker 4	2 x 180, 2 x 16	5
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	<5ml

REMARKS AND TREATMENT

Treating entire system with glute to prevent bactrerial degradation of polymers. Also boosting rheology with Duovis in preparation for deviated drilling. Used 2 x new 165 mesh screens.

REMARKS

Slide drilling to 2497 m attempting to build angle. POOH to change BHA for building angle. String stuck in well head.

Ran desilter for 2 hours to maintain mud weight at 10.0 ppg. Desilter discard at 30 bbl/hr at 14.3 ppg.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ .7	np/na Values	0.423/0.377
Drilling	5	Water Added	313	KCl	2.6/ 23.7	kp/ka (lb•s^n/100ft²)	3.593/4.616
Tripping	18	Mud Received	0	Low Gravity	4.9/ 44.5	Bit Loss (psi / %)	401 / 11.5
Non-Productive Tim		Dumped	0	Bentonite	.1/ .7	Bit HHP (hhp / HSI)	206 / 1.7
Condition Hole	1	Shakers	161	Drill Solids	4.3/ 38.8	Bit Jet Vel (m/s)	64
		Desilter	60	Weight Material	2.5/ 36.2	Ann. Vel DP (m/s)	.32
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.22
		Left in Hole	0	Inert/React	6.9042	Crit Vel DP (m/s)	2
		Other	0	Average SG	3.14	Crit Vel DC (m/s)	2
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1	ECD @ 200 (sp.gr.)	1.22

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Jasdeep Singh 08 9302 3790			$ 27,378.55	$ 221,859.35

WATER-BASED MUD REPORT No. 11

Date	24/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Working on Pipe

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in Security PDC		Surface	Hole	Pump Make	JATIONAL 12P-16	OILWELL 1700PT
Nozzles 3x16 /3x18 / 1/32"		30in @208m (208TVD)	1310.8(Tot)/201.9(Bit)	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	m	13.375in @1006m (1006TVD)	433.2	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	880 gal/min	
6.625 in	149 m		635.1	Bottoms Up	9.4 min	1930 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	30.3 min	6244 stk
8 in	51 m		876	Circulating Pressure	3500 psi	

MUD PROPERTIES

Sample From		Pit 3@18:00	Active@04:00
Flow Line Temp	°C	na	na
Depth/TVD	m	2497/2497	2497/2497
Mud Weight	sp.gr.	1.2@27°C	1.2@30°C
Funnel Viscosity	s/qt	65	66
Rheology Temp	°C	49	49
R600/R300		55/41	58/43
R200/R100		35/26	38/28
R6/R3		9/7	10/8
PV	cP	14	15
YP	lb/100ft²	27	28
10s/10m/30m Gel	lb/100ft²	8/13/15	9/14/16
API Fluid Loss	cc/30 min	4.6	4.6
HTHP FL Temp	cc/30 min	18@250°C	
Cake API/HTHP	1/32"	1/1	1/
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	0.5	0.5
MBT	lb/bbl	5	5
pH		8	8
Alkal Mud (Pm)		0	0
Pf/Mf		0/0.5	0/0.6
Chlorides	mg/l	35000	35000
Hardness Ca	mg/l	800	800
KCl	% wt	7	7
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm		
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

No treatment to mud. Set up HPHT equipment. Dumped and cleaned Header box.

REMARKS

Continued jarring and working BHA free of BOP.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ .1	np/na Values	0.424/0.374
Drilling		Water Added	0	KCl	2.6/ 23.7	kp/ka (lb•s^n/100ft²)	3.112/4.057
Tripping		Mud Received	0	Low Gravity	4.9/ 44.7	Bit Loss (psi / %)	401 / 11.5
Non-Productive Tim	24	Dumped	44	Bentonite	.1/ .7	Bit HHP (hhp / HSI)	206 / 1.7
Fishing		Shakers	0	Drill Solids	4.3/ 39.1	Bit Jet Vel (m/s)	64
		Desilter	0	Weight Material	2.5/ 36.5	Ann. Vel DP (m/s)	.32
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.22
		Left in Hole	0	Inert/React	6.9434	Crit Vel DP (m/s)	1
		Other	0	Average SG	3.14	Crit Vel DC (m/s)	2
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1	ECD @ 200 (sp.gr.)	1.22

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 0.00	$ 221,859.35

WATER-BASED MUD REPORT No. 12

Date	25/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	P/O BOP Stack

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	617.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m		617.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		860	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@16:00	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2@24°C	
Funnel Viscosity	s/qt	69	
Rheology Temp	°C	49	
R600/R300		67/48	
R200/R100		40/29	
R6/R3		10/8	
PV	cP	19	
YP	lb/100ft²	29	
10s/10m/30m Gel	lb/100ft²	8/10/12	
API Fluid Loss	cc/30 min	4.4	
HTHP FL Temp	cc/30 min	16@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	10	
Oil/Water	%Vol	/90	
Sand	%Vol	0.5	
MBT	lb/bbl	5	
pH		8	
Alkal Mud (Pm)			
Pf/Mf		0/0.5	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	800	
KCl	% wt	7	
PHPA	ppb	0.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Dumped and cleaned Slug pit (16 bbl). Transferred Pit 5 to Pit 1 to make room for taking on board Brine (700 bl out of 1000 bbl) from boat departing to shore. Dumped 52 bbl mud while displacing riser to SW due to insufficient pit room. Riser Volume + casing volume to 272 m (packer depth) = 262 bbl SW.
Inventory Correction: 16 drums Glydrill MC-shown as consumed earlier.

REMARKS

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ .1	np/na Values	
Drilling		Water Added	0	KCl	2.6/ 23.7	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	4.9/ 44.7	Bit Loss (psi / %)	
Non-Productive Tim	24	Dumped	68	Bentonite	.1/ .7	Bit HHP (hhp / HSI)	
Fishing		Shakers	0	Drill Solids	4.3/ 39.1	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	2.5/ 36.5	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	6.9434	Crit Vel DP (m/s)	
		Other	0	Average SG	3.14	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 0.00	$ 221,859.35

WATER-BASED MUD REPORT No. 13

Date	26/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Repair BOP

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	JATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	617.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m		617.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		860	Circulating Pressure		

MUD PROPERTIES

Sample From		ıctive@4:00ar	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2	
Funnel Viscosity	s/qt	65	
Rheology Temp	°C	120	
R600/R300		56/41	
R200/R100		34/25	
R6/R3		8/6	
PV	cP	15	
YP	lb/100ft²	26	
10s/10m/30m Gel	lb/100ft²	8/12/14	
API Fluid Loss	cc/30 min	4.4	
HTHP FL Temp	cc/30 min	16@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	10	
Oil/Water	%Vol	/90	
Sand	%Vol	.5	
MBT	lb/bbl	5	
pH		8.5	
Alkal Mud (Pm)			
Pf/Mf		0/.7	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	800	
KCl	% wt	6	
PHPA	ppb	.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	1.00
GLUTE 25	25 LT CN	4.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Added Glute to active and premix pits. Added Caustic Soda to active to boost pH.

REMARKS

Continued to investigate BOP to identify faults.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.2/ 2.8	np/na Values	
Drilling		Water Added	0	KCl	2.2/ 20.1	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	5.2/ 47.5	Bit Loss (psi / %)	
Non-Productive Tim	24	Dumped	0	Bentonite	./ .3	Bit HHP (hhp / HSI)	
Fishing		Shakers	0	Drill Solids	4.6/ 42.2	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	2.4/ 34.6	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	7.5042	Crit Vel DP (m/s)	
		Other	0	Average SG	3.1	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 515.86	$ 222,375.21

WATER-BASED MUD REPORT No. 14

Date	27/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	BOP Repairs

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	617.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m		617.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1560	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@9:00	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2@20°C	
Funnel Viscosity	s/qt	67	
Rheology Temp	°C	49	
R600/R300		52/39	
R200/R100		32/24	
R6/R3		7/5	
PV	cP	13	
YP	lb/100ft²	26	
10s/10m/30m Gel	lb/100ft²	6/10/12	
API Fluid Loss	cc/30 min	4.5	
HTHP FL Temp	cc/30 min	19@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	9	
Oil/Water	%Vol	/91	
Sand	%Vol	0.25	
MBT	lb/bbl	5	
pH		8.6	
Alkal Mud (Pm)		0	
Pf/Mf		0/0.6	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	800	
KCl	% wt	6.5	
PHPA	ppb	0.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
BRINE KCl 16%	1 BL BL	700.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Took 700 bbl (max pit room) of 16% KCl brine (9.2 ppg) from Pacific Sentinel.

REMARKS

Worked on BOP stack.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.2/ 2.2	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 21.2	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	3.1/ 28.4	Bit Loss (psi / %)	
Non-Productive Tim	24	Dumped	0	Bentonite	.3/ 2.7	Bit HHP (hhp / HSI)	
Fishing		Shakers	0	Drill Solids	2.3/ 20.7	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	3.4/ 49.7	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	3.6838	Crit Vel DP (m/s)	
		Other	0	Average SG	3.43	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 12,600.00	$ 234,975.21

WATER-BASED MUD REPORT No. 15

Date	28/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	BOP repairs

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	617.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m		617.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1560	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@9:00	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2	
Funnel Viscosity	s/qt	65	
Rheology Temp	°C	49	
R600/R300		59/40	
R200/R100		34/26	
R6/R3		8/6	
PV	cP	19	
YP	lb/100ft²	21	
10s/10m/30m Gel	lb/100ft²	6/9/11	
API Fluid Loss	cc/30 min	4.5	
HTHP FL Temp	cc/30 min	18@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	8	
Oil/Water	%Vol	/92	
Sand	%Vol	0.5	
MBT	lb/bbl	5	
pH		8.6	
Alkal Mud (Pm)		0	
Pf/Mf		0/0.7	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	880	
KCl	% wt	6	
PHPA	ppb	0.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Received completions chemicals and Duovis on Wrangler.

REMARKS

Continued to test and repair BOPs.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.2/ 2.9	np/na Values	
Drilling		Water Added	0	KCl	2.2/ 20.5	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	1.2/ 10.7	Bit Loss (psi / %)	
Non-Productive Tim	24	Dumped	0	Bentonite	.5/ 4.9	Bit HHP (hhp / HSI)	
Fishing		Shakers	0	Drill Solids	.1/ .7	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	4.3/ 63.9	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	.132	Crit Vel DP (m/s)	
		Other	0	Average SG	3.86	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 0.00	$ 234,975.21

WATER-BASED MUD REPORT No. 16

Date	29/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Run BOP Stack

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	618.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m		618.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1560	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@9:15	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2@20°C	
Funnel Viscosity	s/qt	62	
Rheology Temp	°C	49	
R600/R300		55/40	
R200/R100		34/25	
R6/R3		7/5	
PV	cP	15	
YP	lb/100ft²	25	
10s/10m/30m Gel	lb/100ft²	9/13/19	
API Fluid Loss	cc/30 min	5.1	
HTHP FL Temp	cc/30 min	18@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	8	
Oil/Water	%Vol	/92	
Sand	%Vol	0.5	
MBT	lb/bbl	5	
pH		10.3	
Alkal Mud (Pm)		1	
Pf/Mf		0.6/1.7	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	680	
KCl	% wt	6	
PHPA	ppb	0.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	2.00
SODA ASH	25 KG BG	8.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Treated surface active mud with Caustic Soda to adjust pH and Soda Ash to reduce hardness.

REMARKS

Repaired BOP. Running BOP stack.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.2/ 2.9	np/na Values	
Drilling		Water Added	0	KCl	2.2/ 20.5	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	1.2/ 10.7	Bit Loss (psi / %)	
Non-Productive Tim	24	Dumped	0	Bentonite	.5/ 4.9	Bit HHP (hhp / HSI)	
Fishing		Shakers	0	Drill Solids	.1/ .7	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	4.3/ 63.9	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	.132	Crit Vel DP (m/s)	
		Other	0	Average SG	3.86	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	11.8/ 3.		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 198.44	$ 235,173.65

WATER-BASED MUD REPORT No. 17

Date	30/08/2005	**Depth/TVD**	2497 m / 2497 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Make up BHA

Operator : Anzon
Report For : Wally Westman/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1336.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	408.5	Pump stk/min	100@97%	106@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
6.625 in	149 m		408.5	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
8 in	51 m		1363	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@15:00	
Flow Line Temp	°C		
Depth/TVD	m	2497/2497	
Mud Weight	sp.gr.	1.2@25°C	
Funnel Viscosity	s/qt	66	
Rheology Temp	°C	49	
R600/R300		53/39	
R200/R100		33/24	
R6/R3		8/6	
PV	cP	14	
YP	lb/100ft²	25	
10s/10m/30m Gel	lb/100ft²	6/10/13	
API Fluid Loss	cc/30 min	5	
HTHP FL Temp	cc/30 min	18@250°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	9	
Oil/Water	%Vol	/91	
Sand	%Vol	.5	
MBT	lb/bbl	5	
pH		10.3	
Alkal Mud (Pm)		1	
Pf/Mf		.55/1.6	
Chlorides	mg/l	35000	
Hardness Ca	mg/l	280	
KCl	% wt	6	
PHPA	ppb	.9	
Sulphite Excess	ppm		
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 165	0
VSM Shaker 4	2 x 180, 2 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Displaced well to mud prior to P/O packer and dumped SW at shakers untill clear returns.

REMARKS

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	24	Oil Added	0	NaCl	.2/ 2.9	np/na Values	
Drilling		Water Added	0	KCl	2.2/ 20.3	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	3.2/ 29.1	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	145	Bentonite	.3/ 2.6	Bit HHP (hhp / HSI)	
BOP Testing		Shakers	0	Drill Solids	2.4/ 21.5	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	3.4/ 49.3	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	3.8181	Crit Vel DP (m/s)	
		Other	0	Average SG	3.42	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	10.8/ 2.7		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 0.00	$ 235,173.65

WATER-BASED MUD REPORT No. 18

Date	31/08/2005	**Depth/TVD**	2577 m / 2577 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Smith MR 6231			
Nozzles 4x20 / 1/32"			
Drill Pipe Size	Length		
5 in	2377 m		
Drill Pipe Size	Length		
6.625 in	149 m		
Drill Collar Size	Length		
8 in	51 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1298.2	
Active Pits	
455.8	
Total Circulating Vol	
1754	
In Storage	
1298	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	100@97%	106@97%
Flow Rate	880 gal/min	
Bottoms Up	55.1 min	11347 stk
Total Circ Time	83.7 min	17245 stk
Circulating Pressure	3500 psi	

MUD PROPERTIES

Sample From		Active@21:00	B/U@11:30
Flow Line Temp	°C	35	35
Depth/TVD	m	2560/2560	2497/2497
Mud Weight	sp.gr.	1.2@35°C	1.2@35°C
Funnel Viscosity	s/qt	62	>100
Rheology Temp	°C	49	49
R600/R300		75/56	71/55
R200/R100		47/36	49/39
R6/R3		13/10	18/15
PV	cP	19	16
YP	lb/100ft²	37	39
10s/10m/30m Gel	lb/100ft²	11/15/17	18/25/26
API Fluid Loss	cc/30 min	4.4	5
HTHP FL Temp	cc/30 min	16@121°C	22@121°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	10	12
Oil/Water	%Vol	/90	/88
Sand	%Vol	0 .5	2
MBT	lb/bbl	5	5
pH		9.3	8
Alkal Mud (Pm)		0.55	0
Pf/Mf		0.05/0.5	0/0.4
Chlorides	mg/l	30000	33000
Hardness Ca	mg/l	720	960
KCl	% wt	6	6.5
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm	40	
Glycol	% vol	3.5	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	4.00
DUO-VIS	25 KG BG	21.00
GLUTE 25	25 LT CN	6.00
OS-1	25 KG BG	15.00
POLYPAC UL	25 KG BG	15.00
SODA ASH	25 KG BG	6.00
POTASSIUM HYDROXIDE	25 KG CN	3.00
POLY PLUS DRY	25 KG BG	8.00
GLYDRIL MC	220 KG DM	2.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	18
VSM Shaker 2	4 x 165	18
VSM Shaker 3	4 x 165	18
VSM Shaker 4	2 x 180, 2 x 16	18
Centrifuge		0
D-Silter		4

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Lost/Dumped 100 bbl of high solids thick mud on shakers on bottoms up. No polymer degradation noticed. Observed chunks of filter cake over shakers. Treated system with chemicals. Used barite to maintain mud wt. Could not add KCl Bags to active due to wind. 100 bbl SW leaked into brine Pit 5 & 4 due to leaky valve.

REMARKS

RIH broke circulation on the way down to the shoe and again at the shoe. Continued to RIH to bottom. Tight hole at 2100m. Circulated B/U. Commenced sliding to build angle.

TIME DISTR	Last 24 Hrs
Rig Up/Service	3.5
Drilling	12.5
Tripping	7
Non-Productive Tim	
Condition Mud	1

MUD VOL ACCTG	(bbl)
Oil Added	0
Water Added	153
Mud Received	0
Dumped	0
Shakers	176
Desilter	42
Formation	0
Left in Hole	0
Other	0
Sweeps	0

SOLIDS ANALYSIS (%/lb/bbl)	
NaCl	./ .2
KCl	2.2/ 20.1
Low Gravity	5.3/ 48.5
Bentonite	.5/ 5.
Drill Solids	4.2/ 38.5
Weight Material	2.5/ 36.2
Chemical Conc	- / 5.
Inert/React	7.7086
Average SG	3.11
Carb/BiCarb (m mole/L)	1./ 2.5

MUD RHEOLOGY & HYDRAULICS	
np/na Values	0.421/0.365
kp/ka (lb•s^n/100ft²)	4.314/5.880
Bit Loss (psi / %)	474 / 13.5
Bit HHP (hhp / HSI)	243 / 2.1
Bit Jet Vel (m/s)	70
Ann. Vel DP (m/s)	.88
Ann. Vel DC (m/s)	1.27
Crit Vel DP (m/s)	2
Crit Vel DC (m/s)	2
ECD @ 2577 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 12,180.95	$ 247,354.60

WATER-BASED MUD REPORT No. 19

Date	1/09/2005	**Depth/TVD**	2664 m / 2664 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Troy Williams

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Smith MR 6231			
Nozzles 4x20 / 1/32"			
Drill Pipe Size	Length		
5 in	2464 m		
Drill Pipe Size	Length		
6.625 in	149 m		
Drill Collar Size	Length		
8 in	51 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1338	
Active Pits	
459	
Total Circulating Vol	
1797	
In Storage	
1057	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	100@97%	106@97%
Flow Rate	880 gal/min	
Bottoms Up	56.7 min	11688 stk
Total Circ Time	85.8 min	17668 stk
Circulating Pressure	3350 psi	

MUD PROPERTIES

Sample From		Pit 3@20:00	FL@3:00
Flow Line Temp	°C	49	49
Depth/TVD	m	2654/2654	2593/2593
Mud Weight	sp.gr.	1.2@49°C	1.2@49°C
Funnel Viscosity	s/qt	69	68
Rheology Temp	°C	49	49
R600/R300		80/61	71/55
R200/R100		53/40	47/36
R6/R3		15/11	13/10
PV	cP	19	16
YP	lb/100ft²	42	39
10s/10m/30m Gel	lb/100ft²	12/20/22	11/14/16
API Fluid Loss	cc/30 min	4.5	4.9
HTHP FL Temp	cc/30 min	13.6@121°C	17@121°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	9.5	9
Oil/Water	%Vol	/90.5	/91
Sand	%Vol	0.5	0.5
MBT	lb/bbl	5.5	4
pH		9.5	9.3
Alkal Mud (Pm)		0.65	0.5
Pf/Mf		0.15/0.45	0.2/0.45
Chlorides	mg/l	35000	30000
Hardness Ca	mg/l	480	720
KCl	% wt	7	6
PHPA	ppb	0.98	0.9
Sulphite Excess	ppm	25	60
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	17.00
GLUTE 25	25 LT CN	2.00
OS-1	25 KG BG	11.00
POLYPAC UL	25 KG BG	17.00
SODA ASH	25 KG BG	7.00
POTASSIUM HYDROXIDE	25 KG CN	2.00
KCl BB	1 MT BG	3.00
POLY PLUS DRY	25 KG BG	11.00
GLYDRIL MC	220 KG DM	8.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	24
VSM Shaker 3	4 x 165	24
VSM Shaker 4	2 x 180, 2 x 16	24
Centrifuge		0
D-Silter		24

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Maintained volume with premixes and enhanced 6 rpm to 14. Added 3 bags KCl to restore K+ level. Added OS-1 to lower dissolved oxygen. HPHT 8 cc @ 180F, 14.6 cc @ 250F. Desilter underflow 12 ppg. No shaker screens usage, XR type performing OK.

REMARKS

Started sliding to build angle. Very slow ROP. Continued to slide / drill to 2664 m.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ .1	np/na Values	0.391/0.368
Drilling	24	Water Added	38	KCl	2.6/ 23.8	kp/ka (lb•s^n/100ft²)	5.675/6.438
Tripping		Mud Received	0	Low Gravity	3.9/ 35.5	Bit Loss (psi / %)	474 / 14.2
Non-Productive Tim		Dumped	0	Bentonite	.6/ 5.5	Bit HHP (hhp / HSI)	243 / 2.1
Condition Mud		Shakers	184	Drill Solids	2.7/ 25.	Bit Jet Vel (m/s)	70
		Desilter	78	Weight Material	3./ 43.8	Ann. Vel DP (m/s)	.88
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.27
		Left in Hole	0	Inert/React	4.543	Crit Vel DP (m/s)	2
		Other	0	Average SG	3.29	Crit Vel DC (m/s)	2
		Sweeps	0	Carb/BiCarb (m mole/L)	3./ 4.7	ECD @ 2664 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Jasdeep Singh 08 9302 3790			$ 15,741.98	$ 263,096.58

WATER-BASED MUD REPORT No. 20

Date	2/09/2005	**Depth/TVD**	2741 m / 2739 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Tripping

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Smith MR 6231			
Nozzles 4x20 / 1/32"			
Drill Pipe Size	Length		
5 in	2541 m		
Drill Pipe Size	Length		
6.625 in	149 m		
Drill Collar Size	Length		
8 in	51 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1373.1	
Active Pits	
538.9	
Total Circulating Vol	
1912	
In Storage	
847	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	106@97%	103@97%
Flow Rate	893 gal/min	
Bottoms Up	57.4 min	11988 stk
Total Circ Time	89.9 min	18795 stk
Circulating Pressure	3350 psi	

MUD PROPERTIES

Sample From		Active@15.00	low Line@09:
Flow Line Temp	°C	54	49
Depth/TVD	m	2741/2739	2703/2722
Mud Weight	sp.gr.	1.2@46°C	1.2@49°C
Funnel Viscosity	s/qt	79	72
Rheology Temp	°C	49	49
R600/R300		83/63	79/60
R200/R100		53/40	51/40
R6/R3		15/11	14/11
PV	cP	20	19
YP	lb/100ft²	43	41
10s/10m/30m Gel	lb/100ft²	13/18/23	12/19/23
API Fluid Loss	cc/30 min	4.2	4.2
HTHP FL Temp	cc/30 min	11@121°C	9.6@82°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	0.5	0.3
MBT	lb/bbl	<5	2
pH		8.7	9.5
Alkal Mud (Pm)		0.6	0.5
Pf/Mf		0.1/0.4	0.1/0.45
Chlorides	mg/l	41000	35000
Hardness Ca	mg/l	480	480
KCl	% wt	7	7
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm	20	20
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DUO-VIS	25 KG BG	4.00
GLUTE 25	25 LT CN	2.00
POLYPAC UL	25 KG BG	8.00
POTASSIUM HYDROXIDE	25 KG CN	2.00
POLY PLUS DRY	25 KG BG	8.00
GLYDRIL MC	220 KG DM	5.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	20
VSM Shaker 3	4 x 165	20
VSM Shaker 4	2 x 180, 2x 165	20
Centrifuge		0
D-Silter		6

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Mixed 225 bbls premix in pit 1. Adding unweighted premix from pit 2 to maintain propeties and volume. Ran desilter for 6 hrs to reduce mudweight.

REMARKS

Continued sliding / drilling to 2741m. Circulated to condition mud. POOH to change BHA.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.3/ 3.3	np/na Values	0.398/0.368
Drilling	20	Water Added	111	KCl	2.6/ 23.7	kp/ka (lb•s^n/100ft²)	5.626/6.438
Tripping	3.5	Mud Received	0	Low Gravity	4.8/ 43.5	Bit Loss (psi / %)	488 / 14.6
Non-Productive Tim		Dumped	0	Bentonite	./.	Bit HHP (hhp / HSI)	254 / 2.2
Condition Mud	0.5	Shakers	100	Drill Solids	4.2/ 38.5	Bit Jet Vel (m/s)	71
		Desilter	115	Weight Material	2.4/ 34.6	Ann. Vel DP (m/s)	.89
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	1.29
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	2
		Other	0	Average SG	3.13	Crit Vel DC (m/s)	2
		Sweeps	0	Carb/BiCarb (m mole/L)	2./ 19.9	ECD @ 2741 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Gordon Howie 08 9302 3790			$ 6,110.41	$ 269,206.99

WATER-BASED MUD REPORT No. 21

Date	3/09/2005	**Depth/TVD**	2741 m / 2739 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	RIH

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Hughes MXC09H			
Nozzles 3x20 /18 / 1/32"			
Drill Pipe Size	Length		
5 in	12 m		
Drill Pipe Size	Length		
5 in	139 m		
Drill Collar Size	Length		
8 in	59 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1435.3(Tot)/214.6(Bit)	
Active Pits	
388.7	
Total Circulating Vol	
603.3	
In Storage	
915	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	gal/stk	gal/stk
Pump stk/min		
Flow Rate	gal/min	
Bottoms Up		
Total Circ Time		
Circulating Pressure		

MUD PROPERTIES

Sample From		Active@21.00	Pit 3@09:00
Flow Line Temp	°C		
Depth/TVD	m	2741/2739	2741/2739
Mud Weight	sp.gr.	1.2@24°C	1.2@24°C
Funnel Viscosity	s/qt	77	77
Rheology Temp	°C	49	49
R600/R300		78/59	76/58
R200/R100		51/39	49/37
R6/R3		13/10	13/12
PV	cP	19	18
YP	lb/100ft²	40	40
10s/10m/30m Gel	lb/100ft²	11/14/17	12/16/17
API Fluid Loss	cc/30 min	4.2	3.9
HTHP FL Temp	cc/30 min	14@121°C	12@121°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	0.5	0.5
MBT	lb/bbl	4.5	4.5
pH		8.8	8.8
Alkal Mud (Pm)		0.1	0.1
Pf/Mf		0.1/0.3	0.1/0.3
Chlorides	mg/l	39000	40000
Hardness Ca	mg/l	400	450
KCl	% wt	6.5	7
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm	10	10
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 165	0
VSM Shaker 3	4 x 180	0
VSM Shaker 4	2 x 180, 2x 165	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

No mud treatment.

REMARKS

Changed screens on #3 shaker up to 180 mesh. Replace 2 x 180 mesh on Shaker #4. Continue POOH. Run Schlumberger VSP Log.
Pick up new BHA. RIH. Lost approx 20 bbls cold mud at shakers when testing MWD.

TIME DISTR	Last 24 Hrs
Rig Up/Service	7
Drilling	
Tripping	5
Non-Productive Tim	
Wireline Logs	12

MUD VOL ACCTG	(bbl)
Oil Added	0
Water Added	0
Mud Received	0
Dumped	0
Shakers	20
Desilter	0
Formation	0
Left in Hole	0
Other	0
Sweeps	0

SOLIDS ANALYSIS (%/lb/bbl)	
NaCl	.2/ 2.2
KCl	2.6/ 23.7
Low Gravity	4.8/ 43.9
Bentonite	./ .2
Drill Solids	4.3/ 38.7
Weight Material	2.4/ 35.2
Chemical Conc	- / 5.
Inert/React	7.6465
Average SG	3.13
Carb/BiCarb (m mole/L)	2./ 15.8

MUD RHEOLOGY & HYDRAULICS	
np/na Values	0.403/0.388
kp/ka (lb•s^n/100ft²)	5.107/5.665
Bit Loss (psi / %)	/ 1
Bit HHP (hhp / HSI)	/ 1
Bit Jet Vel (m/s)	
Ann. Vel DP (m/s)	
Ann. Vel DC (m/s)	
Crit Vel DP (m/s)	2
Crit Vel DC (m/s)	2
ECD @ 210 (sp.gr.)	1.2

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Gordon Howie 08 9302 3790			$ 0.00	$ 269,206.99

WATER-BASED MUD REPORT No. 22

Date	4/09/2005	**Depth/TVD**	2845 m / 2839 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Drilling 12 1/4"

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Hughes MXC09H			
Nozzles 3x20 /18 / 1/32"			
Drill Pipe Size	Length		
5 in	2647 m		
Drill Pipe Size	Length		
5 in	139 m		
Drill Collar Size	Length		
8 in	59 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1428.7	
Active Pits	
433.3	
Total Circulating Vol	
1862	
In Storage	
1041	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	102@97%	107@97%
Flow Rate	893 gal/min	
Bottoms Up	59.7 min	12473 stk
Total Circ Time	87.6 min	18303 stk
Circulating Pressure	3559 psi	

MUD PROPERTIES

Sample From		Active@22.00	Active@14:45
Flow Line Temp	°C	54	54
Depth/TVD	m	2845/2839	2786/2783
Mud Weight	sp.gr.	1.2@50°C	1.2@50°C
Funnel Viscosity	s/qt	65	74
Rheology Temp	°C	49	49
R600/R300		83/64	89/68
R200/R100		55/43	57/44
R6/R3		15/12	16/12
PV	cP	19	21
YP	lb/100ft²	45	47
10s/10m/30m Gel	lb/100ft²	12/18/21	14/21/23
API Fluid Loss	cc/30 min	4.2	4.4
HTHP FL Temp	cc/30 min	14@121°C	14@121°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	.5	.5
MBT	lb/bbl	<5	<5
pH		8.8	9.2
Alkal Mud (Pm)		0.3	0.5
Pf/Mf		0.1/0.3	0.05/0.65
Chlorides	mg/l	38000	38000
Hardness Ca	mg/l	360	360
KCl	% wt	6.2	6.2
PHPA	ppb	.9	.9
Sulphite Excess	ppm	10	10
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	3.00
DEFOAM A	5 GA CN	1.00
DUO-VIS	25 KG BG	7.00
GLUTE 25	25 LT CN	4.00
POLYPAC UL	25 KG BG	8.00
MI BAR (Bulk)	1 MT BG	3.79
BRINE KCl 16%	1 BL BL	170.00
POLY PLUS DRY	25 KG BG	8.00
GLYDRIL MC	220 KG DM	5.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 180	17
VSM Shaker 3	4 x 180	17
VSM Shaker 4	4 x 180	17
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Added Caustic Soda to active to increase pH. Dressed all shakers with 180 mesh screens. Added premix to active to maintain programmed properties.

REMARKS

RIH to 2741. Circulated, commenced sliding. Continued drilling and building angle required to 2845 m. (HPHT run at 82 deg C = 9.8cc).

TIME DISTR	Last 24 Hrs
Rig Up/Service	
Drilling	17
Tripping	7
Non-Productive Tim	
Wireline Logs	

MUD VOL ACCTG	(bbl)
Oil Added	0
Water Added	122
Mud Received	0
Dumped	30
Shakers	114
Desilter	0
Formation	0
Left in Hole	0
Other	0
Sweeps	0

SOLIDS ANALYSIS (%/lb/bbl)	
NaCl	.1/ 1.7
KCl	2.6/ 23.7
Low Gravity	4.8/ 44.1
Bentonite	./ .
Drill Solids	4.8/ 44.
Weight Material	2.4/ 35.5
Chemical Conc	- / 5.
Inert/React	-
Average SG	3.13
Carb/BiCarb (m mole/L)	2./ 15.8

MUD RHEOLOGY & HYDRAULICS	
np/na Values	0.375/0.364
kp/ka (lb•s^n/100ft²)	6.585/7.071
Bit Loss (psi / %)	538 / 1
Bit HHP (hhp / HSI)	280 / 1
Bit Jet Vel (m/s)	75
Ann. Vel DP (m/s)	.89
Ann. Vel DC (m/s)	1.29
Crit Vel DP (m/s)	2
Crit Vel DC (m/s)	3
ECD @ 2845 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Gordon Howie 08 9302 3790			$ 11,769.61	$ 280,976.60

WATER-BASED MUD REPORT No. 23

Date	5/09/2005	**Depth/TVD**	2956 m / 2936 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	POOH

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY

Bit Size 12.25 in Hughes MXC09H			
Nozzles 3x20 /18 / 1/32"			
Drill Pipe Size	Length		
5 in	2758 m		
Drill Pipe Size	Length		
5 in	139 m		
Drill Collar Size	Length		
8 in	59 m		

CASING

Surface	
30in @208m (208TVD)	
Intermediate	
13.375in @1006m (1006TVD)	
Intermediate	
Production or Liner	

MUD VOLUME (bbl)

Hole	
1525.8	
Active Pits	
529.2	
Total Circulating Vol	
2055	
In Storage	
762	

CIRCULATION DATA

Pump Make	NATIONAL 12P-160	OILWELL 1700PT
Pump Size	6 X 12.in	6 X 12.in
Pump Cap	4.274 gal/stk	4.274 gal/stk
Pump stk/min	106@97%	102@97%
Flow Rate	889 gal/min	
Bottoms Up	64.2 min	13361 stk
Total Circ Time	97.1 min	20194 stk
Circulating Pressure	3633 psi	

MUD PROPERTIES

Sample From		Active@18.30	low Line@08:
Flow Line Temp	°C	63	63
Depth/TVD	m	2956/2936	2886/2881
Mud Weight	sp.gr.	1.2@63°C	1.2@63°C
Funnel Viscosity	s/qt	63	64
Rheology Temp	°C	49	49
R600/R300		83/65	85/67
R200/R100		57/44	57/44
R6/R3		16/12	16/12
PV	cP	18	18
YP	lb/100ft²	47	49
10s/10m/30m Gel	lb/100ft²	14/21/26	14/23/33
API Fluid Loss	cc/30 min	4.5	4.6
HTHP FL Temp	cc/30 min	14@121°C	10.4@82°C
Cake API/HTHP	1/32"	1/1	1/1
Solids	%Vol	10	10
Oil/Water	%Vol	/90	/90
Sand	%Vol	.7	0.7
MBT	lb/bbl	<5	5
pH		8.2	8.5
Alkal Mud (Pm)		0.2	0.1
Pf/Mf		.05/.35	0.1/0.35
Chlorides	mg/l	39000	39000
Hardness Ca	mg/l	320	320
KCl	% wt	6	6
PHPA	ppb	0.9	0.9
Sulphite Excess	ppm	10	10
Glycol	% vol	3	3
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
MI BAR (Bulk)	1 MT BG	1.01

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	22
VSM Shaker 2	4 x 180	22
VSM Shaker 3	4 x 180	22
VSM Shaker 4	4 x 180	22
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Received remander of 16% brine from Sentinal (170 bbls) total received 870 bbls.
Continued additions of premix to active to maintain properties.

REMARKS

Continued drilling and sliding. Drilled to 2956m TVD 2936m. Inclination 28.8 deg.
Circulate hole clean. POOH to run 9 5/8" casing.
HPHT @ 82 deg C = 10.4cc.

TIME DISTR

	Last 24 Hrs
Rig Up/Service	
Drilling	20
Tripping	2
Non-Productive Tim	
Condition Mud	2

MUD VOL ACCTG (bbl)

Oil Added	0
Water Added	10
Mud Received	0
Dumped	28
Shakers	70
Desilter	0
Formation	0
Left in Hole	0
Other	0
Sweeps	0

SOLIDS ANALYSIS (%/lb/bbl)

NaCl	.2/ 2.2
KCl	2.6/ 23.7
Low Gravity	4.8/ 43.9
Bentonite	./ .
Drill Solids	4.8/ 43.8
Weight Material	2.4/ 35.2
Chemical Conc	- / 5.
Inert/React	-
Average SG	3.13
Carb/BiCarb (m mole/L)	1./ 31.6

MUD RHEOLOGY & HYDRAULICS

np/na Values	0.353/0.371
kp/ka (lb•s^n/100ft²)	7.689/6.996
Bit Loss (psi / %)	533 / 1
Bit HHP (hhp / HSI)	277 / 1
Bit Jet Vel (m/s)	74
Ann. Vel DP (m/s)	.84
Ann. Vel DC (m/s)	1.18
Crit Vel DP (m/s)	2
Crit Vel DC (m/s)	3
ECD @ 2956 (sp.gr.)	1.24

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Gordon Howie 08 9302 3790			$ 361.64	$ 281,338.24

WATER-BASED MUD REPORT No. 24

Date	6/09/2005	**Depth/TVD**	2956 m / 2936 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Running 9 5/8"csg

Operator : Anzon
Report For : Ron King/Simon Rodda
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 12.25 in		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	1515.2(Tot)/784.4(Bit)	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
9.675 in	1500 m	13.375in @1006m (1006TVD)	533.8	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	m		1318.1	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
8 in	m		1052	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@03:00	
Flow Line Temp	°C		
Depth/TVD	m	2956/2936	
Mud Weight	sp.gr.	1.2@28°C	
Funnel Viscosity	s/qt	69	
Rheology Temp	°C	49	
R600/R300		78/59	
R200/R100		49/37	
R6/R3		14/12	
PV	cP	19	
YP	lb/100ft²	40	
10s/10m/30m Gel	lb/100ft²	13/19/25	
API Fluid Loss	cc/30 min	4.6	
HTHP FL Temp	cc/30 min	14@121°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	10	
Oil/Water	%Vol	/90	
Sand	%Vol	0.7	
MBT	lb/bbl	5	
pH		8.4	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.1/0.35	
Chlorides	mg/l	40000	
Hardness Ca	mg/l	360	
KCl	% wt	6	
PHPA	ppb	0.9	
Sulphite Excess	ppm	10	
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 180	0
VSM Shaker 3	4 x 180	0
VSM Shaker 4	4 x 180	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Mixing active mud, brine, premix mud and drillwater to make 9.2 ppg mud for next interval.

REMARKS

Continued to POOH to run 9 5/8" casing. Running casing.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	3	Oil Added	0	NaCl	.5/ 5.4	np/na Values	0.403/0.321
Drilling		Water Added	330	KCl	2.2/ 20.1	kp/ka (lb•s^n/100ft²)	5.107/7.583
Tripping	9	Mud Received	0	Low Gravity	5.1/ 46.4	Bit Loss (psi / %)	/ 1
Non-Productive Tim		Dumped	0	Bentonite	./ .4	Bit HHP (hhp / HSI)	/ 1
Running Casing	12	Shakers	0	Drill Solids	4.5/ 41.	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	2.3/ 33.1	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	7.2811	Crit Vel DP (m/s)	2
		Other	46	Average SG	3.09	Crit Vel DC (m/s)	3
		Sweeps	0	Carb/BiCarb (m mole/L)	2./ 39.9	ECD @ 1500 (sp.gr.)	1.2

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Glen Sharpe Gordon Howie 08 9302 3790			$ 0.00	$ 281,338.24

WATER-BASED MUD REPORT No. 25

Date	7/09/2005	**Depth/TVD**	2956 m / 2936 m
Spud Date	14/08/2005	**Mud Type**	KCl/PHPA/Glycol
Water Depth	153	**Activity**	Pick up BHA

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	JATIONAL 12P-16	OILWELL 1700PT
Nozzles 1/32"		30in @208m (208TVD)	882.4	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
9.675 in	m	13.375in @1006m (1006TVD)	657.6	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
5 in	m	9.625in @2945m (2929TVD)	657.6	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
8 in	m		1345	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@03:00	
Flow Line Temp	°C		
Depth/TVD	m	2956/2936	
Mud Weight	sp.gr.	1.2@28°C	
Funnel Viscosity	s/qt	69	
Rheology Temp	°C	49	
R600/R300		78/59	
R200/R100		49/37	
R6/R3		14/12	
PV	cP	19	
YP	lb/100ft²	40	
10s/10m/30m Gel	lb/100ft²	13/19/25	
API Fluid Loss	cc/30 min	4.6	
HTHP FL Temp	cc/30 min	14@121°C	
Cake API/HTHP	1/32"	1/1	
Solids	%Vol	10	
Oil/Water	%Vol	/90	
Sand	%Vol	0.7	
MBT	lb/bbl	5	
pH		8.4	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.1/0.35	
Chlorides	mg/l	40000	
Hardness Ca	mg/l	360	
KCl	% wt	6	
PHPA	ppb	0.9	
Sulphite Excess	ppm	10	
Glycol	% vol	3	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	0
VSM Shaker 2	4 x 180	0
VSM Shaker 3	4 x 180	0
VSM Shaker 4	4 x 180	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.2
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Continue mixing 9.2ppg mud for 8 1/2" interval. Have 1614 bbls mud at 9.2 ppg. (All pits full) Adding chemicals to bring properties into line with program specs. Waiting on crane to add 1 mt bulk bags of KCl to pits.

REMARKS

Ran and cemented casing with shoe at 2945 m. (2929m TVD). POH. Picked up 8.5" BHA.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.5/ 5.4	np/na Values	
Drilling		Water Added	281	KCl	2.2/ 20.1	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	5.1/ 46.4	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .4	Bit HHP (hhp / HSI)	
Running Casing		Shakers	0	Drill Solids	4.5/ 41.	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	2.3/ 33.1	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	497	Inert/React	7.2811	Crit Vel DP (m/s)	
		Other	0	Average SG	3.09	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	2./ 39.9		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 0.00	$ 281,338.24

WATER-BASED MUD REPORT No. 26

Date	8/09/2005	**Depth/TVD**	3119 m / 3080 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Drilling 8 1/2" hole

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in Security FM3743		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 4x13 /2x16 / 1/32"		30in @208m (208TVD)	835.9	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	2898 m	13.375in @1006m (1006TVD)	494.1	Pump stk/min	75@97%	75@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	641 gal/min	
5 in	175 m	9.625in @2945m (2929TVD)	1330	Bottoms Up	43.6 min	6543 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	87.1 min	13072 stk
8 in	46 m		321	Circulating Pressure	2636 psi	

MUD PROPERTIES

Sample From		Active@22.45	Active@20.00
Flow Line Temp	°C	48	48
Depth/TVD	m	3116/3077	3077/3043
Mud Weight	sp.gr.	1.12@48°C	1.11@48°C
Funnel Viscosity	s/qt	59	54
Rheology Temp	°C	49	49
R600/R300		56/42	56/42
R200/R100		35/27	35/26
R6/R3		10/7	10/7
PV	cP	14	14
YP	lb/100ft²	28	28
10s/10m/30m Gel	lb/100ft²	7/10/14	7/10/14
API Fluid Loss	cc/30 min	4.8	5.2
HTHP FL Temp	cc/30 min	16@121°C	16@121°C
Cake API/HTHP	1/32"	1/2	1/2
Solids	%Vol	8	7
Oil/Water	%Vol	/92	/93
Sand	%Vol	.5	.5
MBT	lb/bbl	<5	<5
pH		8.6	9.7
Alkal Mud (Pm)		.4	.4
Pf/Mf		.05/.5	.05/.5
Chlorides	mg/l	45000	45000
Hardness Ca	mg/l	360	360
KCl	% wt	5.4	5.4
PHPA	ppb	.8	.8
Sulphite Excess	ppm	15	15
Glycol	% vol	2.4	2.4
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	4.00
CITRIC ACID	25 KG BG	1.00
DUO-VIS	25 KG BG	38.00
GLUTE 25	25 LT CN	5.00
OS-1	25 KG BG	4.00
POLYPAC UL	25 KG BG	42.00
SODIUM BICARBONATE	25 KG BG	2.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 180	24
VSM Shaker 2	4 x 165	24
VSM Shaker 3	4 x 180	24
VSM Shaker 4	4 x 165	24
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Adding premix mud to active system to maintain volume and required properties. Treating active to raise 6 RPM reading and reduce HPHT fluid loss.

REMARKS

Completed making up the 8.5" BHA. RIH to 2918 m. Drilled out rat hole to 2959 m. Perfirmed FIT to 13.1 ppg. Displaced to 9.2 ppg mud while drilling new formation. Dumped cement contaminated 10 ppg mud from previous interval. Used other as part of new 9.2ppg mud premixes.
Changed holed shaker screen with good used 180 mesh screen.Screened back to 165 mesh on 2 shakers while mud warming up.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.7/ 8.3	np/na Values	0.415/0.385
Drilling	12	Water Added	70	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	3.368/3.986
Tripping	11	Mud Received	0	Low Gravity	4.2/ 38.	Bit Loss (psi / %)	426 / 1
Non-Productive Tim		Dumped	1315	Bentonite	./.	Bit HHP (hhp / HSI)	159 / 1
Testing	1	Shakers	0	Drill Solids	4.1/ 37.1	Bit Jet Vel (m/s)	69
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	1.58
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	9.67
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	2
		Other	0	Average SG	2.6	Crit Vel DC (m/s)	3
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 12.5	ECD @ 3119 (sp.gr.)	1.3

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 17,810.39	$ 299,148.63

WATER-BASED MUD REPORT No. 27

Date	9/09/2005	**Depth/TVD**	3310 m / 3251 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	POOH.

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in Security FM3743		Surface	Hole	Pump Make	NATIONAL 12P-16	OILWELL 1700PT
Nozzles 4x13 /2x16 / 1/32"		30in @208m (208TVD)	875.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	3089 m	13.375in @1006m (1006TVD)	596.5	Pump stk/min	85@97%	80@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	705 gal/min	
5 in	175 m	9.625in @2945m (2929TVD)	1472	Bottoms Up	41.4 min	6827 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	87.7 min	14469 stk
8 in	46 m		41	Circulating Pressure	3929 psi	

MUD PROPERTIES

Sample From		Active@16.30	Active@03:30
Flow Line Temp	°C	54	52
Depth/TVD	m	3297/3077	3157/3114
Mud Weight	sp.gr.	1.13@52°C	1.12@35°C
Funnel Viscosity	s/qt	58	74
Rheology Temp	°C	49	49
R600/R300		68/52	69/53
R200/R100		44/34	44/34
R6/R3		12/10	12/9
PV	cP	16	16
YP	lb/100ft²	36	37
10s/10m/30m Gel	lb/100ft²	11/15/18	11/16/18
API Fluid Loss	cc/30 min	5.0	5.0
HTHP FL Temp	cc/30 min	14@121°C	8.6@82°C
Cake API/HTHP	1/32"	1/2	1/2
Solids	%Vol	7	7
Oil/Water	%Vol	/93	/93
Sand	%Vol	.5	0.25
MBT	lb/bbl	<5	<5
pH		8.2	8.4
Alkal Mud (Pm)		0.3	0
Pf/Mf		.1/.3	0/0.6
Chlorides	mg/l	39000	38000
Hardness Ca	mg/l	360	360
KCl	% wt	5.2	5.5
PHPA	ppb	0.75	0.75
Sulphite Excess	ppm	10	10
Glycol	% vol	2	1.8
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	1.00
DUO-VIS	25 KG BG	12.00
GLUTE 25	25 LT CN	1.00
POLYPAC UL	25 KG BG	20.00
POTASSIUM HYDROXIDE	25 KG CN	2.00
MI BAR (Bulk)	1 MT BG	1.50

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	19
VSM Shaker 2	4 x 165	19
VSM Shaker 3	4 x 230	19
VSM Shaker 4	4 x 165	9
Centrifuge		0
D-Silter		6.5

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Treated active mud to boost rheology, tighten fluid loss and maintain programmed properties.

Ran the desilter for 6.5 hours to minimise fines content.

REMARKS

Drilled to 3158 m. Pulled out to shoe. RIH. Drilled ahead to 3310m, (3251m TVD). Pressure drop ~600 psi. POOH looking for washout.

Screened up shaker #1 and #3 to all new 230 mesh. Also used 4 new 165 mesh screens for replacing damaged screens on shakers #2 and #4.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.4/ 5.1	np/na Values	0.387/0.349
Drilling	15.5	Water Added	150	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	4.965/6.038
Tripping	5	Mud Received	0	Low Gravity	3.4/ 31.1	Bit Loss (psi / %)	520 / 1
Non-Productive Tim		Dumped	21	Bentonite	./.	Bit HHP (hhp / HSI)	214 / 1
Condition Hole	3.5	Shakers	173	Drill Solids	3.2/ 29.4	Bit Jet Vel (m/s)	76
		Desilter	100	Weight Material	.9/ 13.1	Ann. Vel DP (m/s)	1.86
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	10.64
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	2
		Other	0	Average SG	2.93	Crit Vel DC (m/s)	4
		Sweeps	0	Carb/BiCarb (m mole/L)	2./ 63.2	ECD @ 3310 (sp.gr.)	1.34

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 6,938.72	$ 306,087.35

WATER-BASED MUD REPORT No. 28

Date	10/09/2005	**Depth/TVD**	3350 m / 3287 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Drilling 8 1/2"

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in Hughes MX 20D		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 3x14 / 1/32"		30in @208m (208TVD)	883.5	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	3127 m	13.375in @1006m (1006TVD)	482.5	Pump stk/min	80@97%	79@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	680 gal/min	
5 in	175 m	9.625in @2945m (2929TVD)	1366	Bottoms Up	43.3 min	6877 stk
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	84.4 min	13415 stk
8 in	48 m		132	Circulating Pressure	3896 psi	

MUD PROPERTIES

Sample From		Active@22.30	Active@04:00
Flow Line Temp	°C	54	na
Depth/TVD	m	3344/3281	3310/3251
Mud Weight	sp.gr.	1.12@54°C	1.13@30°C
Funnel Viscosity	s/qt	54	56
Rheology Temp	°C	49	49
R600/R300		68/51	65/50
R200/R100		45/34	42/33
R6/R3		14/11	12/9
PV	cP	17	15
YP	lb/100ft²	34	35
10s/10m/30m Gel	lb/100ft²	12/16/17	10/16/17
API Fluid Loss	cc/30 min	4.6	5.1
HTHP FL Temp	cc/30 min	14@121°C	8.8@82°C
Cake API/HTHP	1/32"	1/2	1/2
Solids	%Vol	7	8
Oil/Water	%Vol	/93	/92
Sand	%Vol	0.5	0.5
MBT	lb/bbl	<5	<5
pH		8.4	8.5
Alkal Mud (Pm)		0.3	0.1
Pf/Mf		0.05/0.3	0.05/0.5
Chlorides	mg/l	34000	34000
Hardness Ca	mg/l	400	400
KCl	% wt	5.0	5.4
PHPA	ppb	0.6	0.6
Sulphite Excess	ppm	25	15
Glycol	% vol	2	2
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
DEFOAM A	5 GA CN	3.00
DUO-VIS	25 KG BG	3.00
GLUTE 25	25 LT CN	4.00
OS-1	25 KG BG	4.00
POLYPAC UL	25 KG BG	16.00
POTASSIUM HYDROXIDE	25 KG CN	1.00
KCl BB	1 MT BG	4.00
MI BAR (Bulk)	1 MT BG	1.30

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Mixed another 100 bbl premix in Pit #2 to provide additional volume for maintaining active system. Bleeding into active at 10 bbl/hr.

Running desilter to assist in controlling fluid density, with 8.7ppg premix being added to active.

REMARKS

Located drill pipe wash out at stand 65 (~1950 m). Continued to pull out of hole. Pick up new bit. RIH. Drilled ahead to 3350 m.

Screened up shaker #2 to 230 mesh using 2 new screens and 2 used screens. Replaced 3 x 230 mesh broken screens with 3 new screens.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	1.5	Oil Added	0	NaCl	.2/ 2.4	np/na Values	0.415/0.322
Drilling	7.5	Water Added	100	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	4.089/6.943
Tripping	15	Mud Received	0	Low Gravity	4.2/ 37.9	Bit Loss (psi / %)	1957 / 1
Non-Productive Tim		Dumped	0	Bentonite	./.	Bit HHP (hhp / HSI)	776 / 1
Condition Hole		Shakers	31	Drill Solids	4.1/ 37.1	Bit Jet Vel (m/s)	147
		Desilter	30	Weight Material	.4/ 5.4	Ann. Vel DP (m/s)	1.79
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	10.26
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	2
		Other	72	Average SG	2.73	Crit Vel DC (m/s)	3
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 19.9	ECD @ 3350 (sp.gr.)	1.32

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 7,087.70	$ 313,175.05

WATER-BASED MUD REPORT No. 29

Date	11/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Wireline Logging

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in Hughes MX 20D		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 3x14 / 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	4.274 gal/stk	4.274 gal/stk
5 in	m	13.375in @1006m (1006TVD)	452.2	Pump stk/min	80@97%	79@97%
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	680 gal/min	
5 in	m	9.625in @2945m (2929TVD)	452.2	Bottoms Up	min 0 stk	
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	27.9 min 4440 stk	
8 in	m		153	Circulating Pressure	4199 psi	

MUD PROPERTIES

Sample From		Active@14.00	Active@03:30
Flow Line Temp	°C	55	55
Depth/TVD	m	3414/3344	3367/3302
Mud Weight	sp.gr.	1.12@50°C	1.12@30°C
Funnel Viscosity	s/qt	54	51
Rheology Temp	°C	49	49
R600/R300		66/50	64/48
R200/R100		43/33	41/32
R6/R3		12/10	12/9
PV	cP	16	16
YP	lb/100ft²	34	32
10s/10m/30m Gel	lb/100ft²	10/15/17	10/15/18
API Fluid Loss	cc/30 min	5	5.0
HTHP FL Temp	cc/30 min	14@121°C	8.1@82°C
Cake API/HTHP	1/32"	1/2	1/2
Solids	%Vol	7	7
Oil/Water	%Vol	/93	/93
Sand	%Vol	0.25	0.25
MBT	lb/bbl	<5	<5
pH		8.2	8.2
Alkal Mud (Pm)		0.1	0.1
Pf/Mf		0.05/0.4	0.05/0.4
Chlorides	mg/l	32000	32000
Hardness Ca	mg/l	440	480
KCl	% wt	4.8	4.8
PHPA	ppb	0.5	0.5
Sulphite Excess	ppm	25	25
Glycol	% vol	1.8	1.8
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	2.00
DUO-VIS	25 KG BG	7.00
POLYPAC UL	25 KG BG	19.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	16
VSM Shaker 2	4 x 230	16
VSM Shaker 3	4 x 230	16
VSM Shaker 4	3 x 200, 1 x 16	12
Centrifuge		0
D-Silter		12

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

An 8.7 ppg premix was bled into the active in combination with running the desilter to maintain an active mud weight of 9.3 ppg.

Ran desilter for 12 hours. Made up another 235 bbl 8.7 ppg premix to bleed into active system. Mud properties very good. System treated with Glute and OS-1 oxygen scavenger in anticipation of 3 days logging.

REMARKS

Drilling continued at 5 m/hr to TD of 3414m (3344m TVD). Circulated bottoms up and flushed choke and kill lines. POH. Rigged up for wireline.

Replaced 2 x 200 mesh screens on shaker #4 with good used screens. Also replaced 1 x 230 mesh screen with new screen on shaker #1.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service	0.5	Oil Added	0	NaCl	.1/ 1.3	np/na Values	
Drilling	14	Water Added	235	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	
Tripping	8	Mud Received	0	Low Gravity	4.2/ 38.4	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	
Condition Hole	1.5	Shakers	36	Drill Solids	4.1/ 37.5	Bit Jet Vel (m/s)	
		Desilter	72	Weight Material	.4/ 6.1	Ann. Vel DP (m/s)	
		Formation	35	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.74	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 31.6		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 4,583.57	$ 317,758.62

WATER-BASED MUD REPORT No. 30

Date	12/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Wireline Logging

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	452.2	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m	9.625in @2945m (2929TVD)	452.2	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		2	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@14.00	
Flow Line Temp	°C		
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.12@50°C	
Funnel Viscosity	s/qt	54	
Rheology Temp	°C	49	
R600/R300		66/50	
R200/R100		43/33	
R6/R3		12/10	
PV	cP	16	
YP	lb/100ft²	34	
10s/10m/30m Gel	lb/100ft²	10/15/17	
API Fluid Loss	cc/30 min	5	
HTHP FL Temp	cc/30 min	14@121°C	
Cake API/HTHP	1/32"	1/2	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0.25	
MBT	lb/bbl	<5	
pH		8.2	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.05/0.4	
Chlorides	mg/l	32000	
Hardness Ca	mg/l	440	
KCl	% wt	4.8	
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.8	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
KWIKSEAL MEDIUM	40 LB BG	3.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Converted pit #2 into the active circulating mud system. Dumped residual mud from pits #1, #3, #4 and slug. Rinsed all pits with seawater. Also cleaned out header box on shakers.

REMARKS

Running wireline logging.
Kwik Seal sacks charged for have been used on slippery floor in sack room.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ 1.3	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	4.2/ 38.4	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	151	Bentonite	./ .	Bit HHP (hhp / HSI)	
Wireline Logs	24	Shakers	0	Drill Solids	4.1/ 37.5	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	.4/ 6.1	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.74	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 31.6		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 117.42	$ 317,876.04

WATER-BASED MUD REPORT No. 31

Date	13/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Wireline Logging

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size in	Length m	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
		13.375in @1006m (1006TVD)	442.2	Pump stk/min		
Drill Pipe Size in	Length m	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
		9.625in @2945m (2929TVD)	442.2	Bottoms Up		
Drill Collar Size in	Length m	Production or Liner	In Storage	Total Circ Time		
			2	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit #2@21.00	
Flow Line Temp	°C		
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.1@30°C	
Funnel Viscosity	s/qt	51	
Rheology Temp	°C	49	
R600/R300		56/42	
R200/R100		36/27	
R6/R3		10/7	
PV	cP	14	
YP	lb/100ft²	28	
10s/10m/30m Gel	lb/100ft²	8/10/14	
API Fluid Loss	cc/30 min	5.4	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0.25	
MBT	lb/bbl	<5	
pH		8.2	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.05/0.4	
Chlorides	mg/l	32000	
Hardness Ca	mg/l	440	
KCl	% wt	4.8	
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.8	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Rinsed seawater through pits #3, #4, #1 and slug. Hosed down shakers and header box.

Waiting on weather to receive brine from Pacific Wrangler. Also waiting on pit cleaning crew.

REMARKS

Continued running wireline logging.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ 1.3	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	4.2/ 38.4	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	10	Bentonite	./ .	Bit HHP (hhp / HSI)	
Wireline Logs	24	Shakers	0	Drill Solids	4.1/ 37.5	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	.4/ 6.1	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.74	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 31.6		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Kelvin Leong Gordon Howie 08 9302 3790			$ 0.00	$ 317,876.04

WATER-BASED MUD REPORT No. 32

Date	14/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Wireline Log

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Paul Baker/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	442.2	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m	9.625in @2945m (2929TVD)	442.2	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		2	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@11:00	
Flow Line Temp	°C	na	
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.11@20°C	
Funnel Viscosity	s/qt	52	
Rheology Temp	°C	49	
R600/R300		57/42	
R200/R100		36/26	
R6/R3		11/8	
PV	cP	15	
YP	lb/100ft²	27	
10s/10m/30m Gel	lb/100ft²	9/13/16	
API Fluid Loss	cc/30 min	5.2	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0.25	
MBT	lb/bbl	<5	
pH		8.4	
Alkal Mud (Pm)		0.1	
Pf/Mf		0.05/0.4	
Chlorides	mg/l	31000	
Hardness Ca	mg/l	480	
KCl	% wt	4.8	
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.8	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Corrected Guar Gum stock by 8 sks.

REMARKS

Wireline logging.

Waiting on pit cleaning crew.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ .8	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	4.9/ 44.3	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	
Wireline Logs		Shakers	0	Drill Solids	4.9/ 44.2	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	-.2/ -2.8	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.54	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 19.9		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh				
Kelvin Leong 08 9302 3790			$ 0.00	$ 317,876.04

WATER-BASED MUD REPORT No. 33

Date	15/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	KCl/Polymer
Water Depth	153	**Activity**	Tripping

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size in	Length m	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
		13.375in @1006m (1006TVD)	442.2	Pump stk/min		
Drill Pipe Size in	Length m	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
		9.625in @2945m (2929TVD)	442.2	Bottoms Up		
Drill Collar Size in	Length m	Production or Liner	In Storage	Total Circ Time		
			2	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@10:30	
Flow Line Temp	°C	na	
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.11@20°C	
Funnel Viscosity	s/qt	54	
Rheology Temp	°C	49	
R600/R300		58/42	
R200/R100		36/26	
R6/R3		11/8	
PV	cP	16	
YP	lb/100ft²	26	
10s/10m/30m Gel	lb/100ft²	9/13/16	
API Fluid Loss	cc/30 min	5.3	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	7	
Oil/Water	%Vol	/93	
Sand	%Vol	0.25	
MBT	lb/bbl	<5	
pH		8.2	
Alkal Mud (Pm)		0.05	
Pf/Mf		0.05/0.4	
Chlorides	mg/l	31000	
Hardness Ca	mg/l	480	
KCl	% wt	4.6	
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.5	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Cleaned Pit #4. Filtered brine from Pit #5 into pit #4, filters got plugged up twice.
250 bbl of dirty brine left in pit #5.
220 bbl clean brine in pit #4.

REMARKS

Wireline logging. Started wiper trip prior to run liner.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	.1/ .8	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 20.7	kp/ka (lb•s^n/100ft²)	
Tripping	1	Mud Received	0	Low Gravity	4.9/ 44.3	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ .	Bit HHP (hhp / HSI)	
Wireline Logs	23	Shakers	0	Drill Solids	4.9/ 44.2	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	-.2/ -2.8	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	-	Crit Vel DP (m/s)	
		Other	0	Average SG	2.54	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	1./ 31.6		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh Kelvin Leong 08 9302 3790			$ 0.00	$ 317,876.04

WATER-BASED MUD REPORT No. 34

Date	16/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Run Liner

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	987.8	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
in	m	13.375in @1006m (1006TVD)	422.2	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
in	m	9.625in @2945m (2929TVD)	422.2	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1154	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@8:30	Brine@17:00
Flow Line Temp	°C	56	
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.13@38°C	1.08
Funnel Viscosity	s/qt	53	
Rheology Temp	°C	49	
R600/R300		65/50	
R200/R100		43/32	
R6/R3		12/10	
PV	cP	15	
YP	lb/100ft²	35	
10s/10m/30m Gel	lb/100ft²	11/16/18	
API Fluid Loss	cc/30 min	4.6	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	7.5	
Oil/Water	%Vol	/92.5	
Sand	%Vol	0.25	
MBT	lb/bbl	5	
pH		8.1	8.4
Alkal Mud (Pm)		0	
Pf/Mf		0/0.6	0/0.1
Chlorides	mg/l	30000	72000
Hardness Ca	mg/l	520	600
KCl	% wt	4.5	13
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.5	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
BRINE KCl 16%	1 BL BL	1440.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	6
VSM Shaker 2	4 x 230	6
VSM Shaker 3	4 x 230	6
VSM Shaker 4	3 x 200, 1 x 16	6
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Cleaned pit #3 and #1. Run filteration unit on 212 bbl in Pit 4 to lower NTU to 50. Dumped dirty 288 bbl from Pit 5 and cleaned it.
Took 650 bbl of 9.2 ppg KCl brine from Sentinel in Pit 4 (288 bbl) & Pit 3 (362 bbl).
Also took 290 bbl contaminated brine (8% KCl) in Pit 1 (218 bbl) & Slug Pit (72 bbl).

REMARKS

RIH for wiper trip. Circulated bottoms up. Performed flow check. POH. Lay down BHA. Started running 7 inch liner.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ .2	np/na Values	
Drilling		Water Added	0	KCl	2.3/ 20.6	kp/ka (lb•s^n/100ft²)	
Tripping	21.5	Mud Received	0	Low Gravity	4.6/ 42.3	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	288	Bentonite	.1/ 1.	Bit HHP (hhp / HSI)	
Condition Hole	2	Shakers	20	Drill Solids	4./ 36.3	Bit Jet Vel (m/s)	
Testing	0.5	Desilter	0	Weight Material	.6/ 8.6	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	6.4616	Crit Vel DP (m/s)	
		Other	0	Average SG	2.78	Crit Vel DC (m/s)	
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh Kelvin Leong 08 9302 3790			$ 25,920.00	$ 343,796.04

WATER-BASED MUD REPORT No. 35

Date	17/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	WOC

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 8.5 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	909.6	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	2854 m	13.375in @1006m (1006TVD)	327.4	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
7 in	560 m	9.625in @2945m (2929TVD)	1237	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1556	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@9:00	
Flow Line Temp	°C	na	
Depth/TVD	m	3414/3344	
Mud Weight	sp.gr.	1.13@25°C	
Funnel Viscosity	s/qt	54	
Rheology Temp	°C	49	
R600/R300		65/50	
R200/R100		43/32	
R6/R3		12/10	
PV	cP	15	
YP	lb/100ft²	35	
10s/10m/30m Gel	lb/100ft²	11/16/18	
API Fluid Loss	cc/30 min	4.5	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	7.5	
Oil/Water	%Vol	/92.5	
Sand	%Vol	0.25	
MBT	lb/bbl	5	
pH		8.1	
Alkal Mud (Pm)		0	
Pf/Mf		0/0.5	
Chlorides	mg/l	30000	
Hardness Ca	mg/l	520	
KCl	% wt	4.5	
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	
Glycol	% vol	1.5	
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
GUAR GUM	25 KG BG	1.00
KCl BB	1 MT BG	2.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Finished cleaning pit #5. Filtered contaminated brine in pit #1 and slug. Made up 1556 bbls of 8.9 brine in pits #3, #4, #5 and #1 by diluting and adding bulk bags of KCl.
Filtered brine in pits #3 and #4.

Used 1 guar gum for liner hanger.

REMARKS

RIH with 7 inch liner, land and cement. Observed good returns while cementing. Dumped returns on reverse out. WOC.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ .2	np/na Values	0.379/0.332
Drilling		Water Added	396	KCl	2.3/ 20.6	kp/ka (lb•s^n/100ft²)	5.035/6.211
Tripping		Mud Received	0	Low Gravity	4.6/ 42.3	Bit Loss (psi / %)	/ 1
Non-Productive Tim		Dumped	215	Bentonite	.1/ 1.	Bit HHP (hhp / HSI)	/ 1
Condition Hole	3	Shakers	0	Drill Solids	4./ 36.3	Bit Jet Vel (m/s)	
Cementing	6	Desilter	0	Weight Material	.6/ 8.6	Ann. Vel DP (m/s)	
Running Casing	15	Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	6.4616	Crit Vel DP (m/s)	2
		Other	0	Average SG	2.78	Crit Vel DC (m/s)	3
		Sweeps	0	Carb/BiCarb (m mole/L)	./ -.1	ECD @ 3414 (sp.gr.)	1.13

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh Kelvin Leong 08 9302 3790			$ 1,419.40	$ 345,215.44

WATER-BASED MUD REPORT No. 36

Date	18/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Run Scrapper

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 6 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	923.3	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	278.7	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
3.5 in	560 m	9.625in @2945m (2929TVD)	278.7	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		1549	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@10:00	Brine@19:00
Flow Line Temp	°C	na	
Depth/TVD	m	3414/3344	3414/
Mud Weight	sp.gr.	1.13@25°C	1.07@20°C
Funnel Viscosity	s/qt	54	
Rheology Temp	°C	49	
R600/R300		65/50	
R200/R100		43/32	
R6/R3		12/10	
PV	cP	15	
YP	lb/100ft²	35	
10s/10m/30m Gel	lb/100ft²	11/16/18	
API Fluid Loss	cc/30 min	4.6	
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"	1/	
Solids	%Vol	8	
Oil/Water	%Vol	/92	
Sand	%Vol	0.25	
MBT	lb/bbl	5	
pH		8.2	7.5
Alkal Mud (Pm)		0	0
Pf/Mf		0/0.6	0/0.1
Chlorides	mg/l	29000	56000
Hardness Ca	mg/l	520	240
KCl	% wt	4.5	10
PHPA	ppb	0.5	
Sulphite Excess	ppm	25	0
Glycol	% vol	1.5	
NTU			< 10

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	2.00
DUO-VIS	25 KG BG	9.00
MI BAR (Bulk)	1 MT BG	4.64

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.1
Viscosity	45-70
Filtrate	< 5

REMARKS AND TREATMENT

Filtered brine in pits to less than 10 NTU. Lost 8 bbls brine gravity flushing old mud from suction lines in pit #5. Made up HiVis spacers in pit #1. Added dye to HiVis.

REMARKS

POH with cement stinger. Function test BOP. Prepare BHA for scraper run. R/I hole casing clean up tools.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./ -.3	np/na Values	
Drilling		Water Added	0	KCl	2.2/ 20.5	kp/ka (lb•s^n/100ft²)	
Tripping	20	Mud Received	0	Low Gravity	5.7/ 51.7	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	./ -.2	Bit HHP (hhp / HSI)	
BOP Testing	4	Shakers	0	Drill Solids	5.2/ 46.9	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	.1/ 1.6	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- / 5.	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React	8.3429	Crit Vel DP (m/s)	
		Sweeps	0	Average SG	2.63	Crit Vel DC (m/s)	
		Flush Lines	8	Carb/BiCarb (m mole/L)	./ -.1		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh Kelvin Leong 08 9302 3790			$ 4,440.59	$ 349,656.03

WATER-BASED MUD REPORT No. 37

Date	19/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Circulating Brine

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 6 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	864.4(Tot)/798.7(Bit)	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	2292 m	13.375in @1006m (1006TVD)	340.6	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
3.5 in	560 m	9.625in @2945m (2929TVD)	1139.2	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		312	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@20:00	
Flow Line Temp	°C		
Depth/TVD	m		
Mud Weight	sp.gr.	1.07@30°C	
Funnel Viscosity	s/qt	27	
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		7.5	
Alkal Mud (Pm)			
Pf/Mf		0/0.1	
Chlorides	mg/l	55500	
Hardness Ca	mg/l	120	
KCl	% wt	10	
PHPA	ppb		
Sulphite Excess	ppm		
Glycol	% vol		
NTU		< 50	

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	1.00
DEFOAM A	5 GA CN	2.00
KCl BB	1 MT BG	3.00
BRINE KCl 16%	1 BL BL	250.00
SAFE-VIS E	5 GA CN	13.00
SAFE-SURF WN	200 KG DM	3.00
TRIETHANOLAMINE	55 GA DM	4.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.07
Viscosity	26
Filtrate	

REMARKS AND TREATMENT

Pumped 40 bbl HiVis sweep & Displaced well to seawater. Circulate clean. Pumped 40 bbl HiVis sweep + 60 bbl surfactant (5%) pill + 40 bbl HiVis sweep. Displaced hole to 8.9 ppg Brine. Dumped returns until clean. Mixed 70 bbl HEC pill with TEA.
The trip tank and flow line were cleaned before commencing the brine displacement.
Used 2 bags of KCl to restore brine density as 60 bbl SW flowed into Pits.
Used 1 Bag KCl for making slug.

REMARKS

RIH with cleaning assembly. Tagged cement at 3380 m. Cleared to 3384 m. Displaced hole to SW and then to brine. Placed 60 bbl HEC pill. P/O to 9 5/8 casing laying down pipes.

Took 250 bbl KCl brine from Sentinel.
Received 31 sks of OS-1 from Wrangler

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./	np/na Values	0.379/0.332
Drilling		Water Added	60	KCl	/	kp/ka (lb•s^n/100ft²)	5.035/6.211
Tripping	11	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	/ 1
Non-Productive Tim		Dumped	1564	Bentonite	/	Bit HHP (hhp / HSI)	/ 1
Condition Hole	13	Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	
		Sweeps	0	Average SG		Crit Vel DC (m/s)	
		Flush Lines	0	Carb/BiCarb (m mole/L)	/	ECD @ 2945 (sp.gr.)	1.13

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh Kelvin Leong 08 9302 3790			$ 17,404.67	$ 367,060.70

WATER-BASED MUD REPORT No. 38

Date	20/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Run Log

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 6 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	923.3	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	346.7	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
3.5 in	560 m	9.625in @2945m (2929TVD)	346.7	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		122	Circulating Pressure		

MUD PROPERTIES

Sample From		Active@3:00	
Flow Line Temp	°C		
Depth/TVD	m		
Mud Weight	sp.gr.	1.07@25°C	
Funnel Viscosity	s/qt		
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10.5	
Alkal Mud (Pm)			
Pf/Mf		0.5/1	
Chlorides	mg/l	55700	
Hardness Ca	mg/l	200	
KCl	% wt	10	
PHPA	ppb		
Sulphite Excess	ppm	500	
Glycol	% vol		
NTU		<50	

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	9.00
DEFOAM A	5 GA CN	2.00
GLUTE 25	25 LT CN	4.00
OS-1	25 KG BG	13.00
SAFE-CIDE	25 KG CN	2.00
SAFE-COR	55 GA DM	12.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.07
Viscosity	26
Filtrate	

REMARKS AND TREATMENT

Inhibited brine down hole while circulating using SafeCor, Caustic, Biocide, OS-1. Dumped HEC contaminated returns.
Prepared barafilm brine for trip tank and slug.

REMARKS

Circulated & inhibited brine inside 9 5/8 casing. POH sideways. Rig up to run CBL.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./	np/na Values	
Drilling		Water Added	0	KCl	/	kp/ka (lb•s^n/100ft²)	
Tripping	9	Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	143	Bentonite	/	Bit HHP (hhp / HSI)	
Condition Hole	3	Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	
		Sweeps	0	Average SG		Crit Vel DC (m/s)	
		Flush Lines	0	Carb/BiCarb (m mole/L)	/		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh 08 9302 3790			$ 7,846.49	$ 374,907.19

WATER-BASED MUD REPORT No. 39

Date	21/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Run Perforation Guns

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 6 in		Surface	Hole	Pump Make	JATIONAL 12P-16(	JATIONAL 12P-16(
Nozzles 1/32"		30in @208m (208TVD)	923.3	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size	Length	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
5 in	m	13.375in @1006m (1006TVD)	244.7	Pump stk/min		
Drill Pipe Size	Length	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
3.5 in	560 m	9.625in @2945m (2929TVD)	244.7	Bottoms Up		
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time		
in	m		708	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 3@18:00	
Flow Line Temp	°C		
Depth/TVD	m	3414/	
Mud Weight	sp.gr.	1.07@28°C	
Funnel Viscosity	s/qt	26	
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10.4	
Alkal Mud (Pm)			
Pf/Mf		0.5/1	
Chlorides	mg/l	55600	
Hardness Ca	mg/l	140	
KCl	% wt	10	
PHPA	ppb		
Sulphite Excess	ppm	250	
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
BRINE KCl 16%	1 BL BL	415.00

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.07
Viscosity	26
Filtrate	

REMARKS AND TREATMENT

Took 415 bbl 9.1 ppg Brine from Wrangler and cut back density to 8.9 ppg. Dumped and cleaned Pit 1 containing left over 35 bbl HiVis pill.

No losses observed after perforations.

REMARKS

Conducted Cement bond logs. Running Perforation guns.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./	np/na Values	
Drilling		Water Added	104	KCl	/	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	35	Bentonite	/	Bit HHP (hhp / HSI)	
Condition Hole		Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	
		Sweeps	0	Average SG		Crit Vel DC (m/s)	
		Flush Lines	0	Carb/BiCarb (m mole/L)	/		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh 08 9302 3790			$ 7,470.00	$ 382,377.19

WATER-BASED MUD REPORT No. 40

Date	22/09/2005	**Depth/TVD**	3414 m / 3344 m
Spud Date	14/08/2005	**Mud Type**	8.9 ppg KCl brine
Water Depth	153	**Activity**	Run Tubing

Operator : Anzon
Report For : Ron King/John Wrenn
Well Name : Basker 2
Contractor : DOGC
Report For : Ray Breaud/Mike Praznik

Field/Area : Gippsland Basin
Description : Appraisal Well
Location : VIC/RL6
M-I Well No. : 26106

DRILLING ASSEMBLY		CASING	MUD VOLUME (bbl)	CIRCULATION DATA		
Bit Size 6 in		Surface	Hole	Pump Make	NATIONAL 12P-16	NATIONAL 12P-16
Nozzles 1/32"		30in @208m (208TVD)	923.3	Pump Size	6 X 12.in	6 X 12.in
Drill Pipe Size in	Length m	Intermediate	Active Pits	Pump Cap	gal/stk	gal/stk
		13.375in @1006m (1006TVD)	249.7	Pump stk/min		
Drill Pipe Size in	Length m	Intermediate	Total Circulating Vol	Flow Rate	gal/min	
		9.625in @2945m (2929TVD)	249.7	Bottoms Up		
Drill Collar Size in	Length m	Production or Liner	In Storage	Total Circ Time		
		7in @3414m (3344TVD)	1194	Circulating Pressure		

MUD PROPERTIES

Sample From		Pit 5@18:00	
Flow Line Temp	°C		
Depth/TVD	m	3414/	
Mud Weight	sp.gr.	1.07@30°C	
Funnel Viscosity	s/qt	26	
Rheology Temp	°C		
R600/R300			
R200/R100			
R6/R3			
PV	cP		
YP	lb/100ft²		
10s/10m/30m Gel	lb/100ft²		
API Fluid Loss	cc/30 min		
HTHP FL Temp	cc/30 min		
Cake API/HTHP	1/32"		
Solids	%Vol		
Oil/Water	%Vol		
Sand	%Vol		
MBT	lb/bbl		
pH		10	
Alkal Mud (Pm)			
Pf/Mf		0.4/1	
Chlorides	mg/l	56000	
Hardness Ca	mg/l	200	
KCl	% wt	10	
PHPA	ppb		
Sulphite Excess	ppm	500	
Glycol	% vol		
NTU			

PRODUCTS USED LAST 24 HRS

Products	Size	Amt
CAUSTIC SODA	25 KG DM	4.00
GLUTE 25	25 LT CN	2.00
OS-1	25 KG BG	4.00
BRINE KCl 16%	1 BL BL	485.00
SAFE-COR	55 GA DM	4.00

SOLIDS EQUIP

SOLIDS EQUIP	Size	Hr
VSM Shaker 1	4 x 230	0
VSM Shaker 2	4 x 230	0
VSM Shaker 3	4 x 230	0
VSM Shaker 4	3 x 200, 1 x 16	0
Centrifuge		0
D-Silter		0

MUD PROPERTY SPECIFICATIONS

Weight	1.07
Viscosity	26
Filtrate	

REMARKS AND TREATMENT

Displaced riser volume to clean 8.9 brine (inhibited with 600 ppm Glute, 1.15% SafeCor, 0.5 ppb Caustic & OS-1) from Pit 5 after jetting stack. Took dirty returns in Pit 3/Slug Pit without discharging overboard due to high Biocide content (could be release to ocean after 200% dilution in pits).

Took 485 bbl of 9.15 ppg (15%) KCl brine from Wrangler & stored in Pit 1 & 2.

REMARKS

Completed preforation and junk basket runs. R/I to recover wear bushing. Jetted BOP stack. Recover wear bushing. Run impression tool. Running tubing.

TIME DISTR	Last 24 Hrs	MUD VOL ACCTG	(bbl)	SOLIDS ANALYSIS (%/lb/bbl)		MUD RHEOLOGY & HYDRAULICS	
Rig Up/Service		Oil Added	0	NaCl	./	np/na Values	
Drilling		Water Added	0	KCl	/	kp/ka (lb•s^n/100ft²)	
Tripping		Mud Received	0	Low Gravity	/	Bit Loss (psi / %)	
Non-Productive Tim		Dumped	0	Bentonite	/	Bit HHP (hhp / HSI)	
Condition Hole		Shakers	0	Drill Solids	/	Bit Jet Vel (m/s)	
		Desilter	0	Weight Material	NA/ NA	Ann. Vel DP (m/s)	
		Formation	0	Chemical Conc	- /	Ann. Vel DC (m/s)	
		Left in Hole	0	Inert/React		Crit Vel DP (m/s)	
		Sweeps	0	Average SG		Crit Vel DC (m/s)	
		Flush Lines	0	Carb/BiCarb (m mole/L)	/		

M-I ENGR / PHONE	RIG PHONE	WAREHOUSE PHONE	DAILY COST	CUMULATIVE COST
Jasdeep Singh 08 9302 3790			$ 11,317.42	$ 393,694.61

APPENDIX 4

COMPLETION / TESTS

THE EXPRO GROUP

Anzon Australia Ltd

Permit: VIC/RL6
Well No: Basker 2
Completion Test
September 22 - 30, 2005

Well Site Test Report

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

Report Approved By (CHS) : **Date :**

Report Approved By (Welltest) : **Date :**

THE EXPRO GROUP

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Introduction

The Expro Group Cased Hole Services (Electrical) provided an EDGE-X data acquisition system for a well test on well Basker 2 for Anzon.
The completion test was conducted from September 22 to September 30, 2005 using an Expro welltest package.

The objectives of the test were:

1) To ensure that the well would flow from either group of perforations, independently and unassisted, with or without the addition of pour point depressant (PPD).

2)To enable flow-assurance tests to be performed, on the rig, on produced hydrocarbons.

3)To ensure that both groups of perforations are cleaned up sufficiently for safe and efficient flow to the FPSO during commissioning of the vessel.

4) To ensure that the intelligent downhole controls (IDHC) equipment is functioning correctly.

5) to obtain crude assay samples (noting that these can subsequently be obtained from the EPT flow if necessary).

6) To obtain PVT samples in the event that acceptable samples were not obtained from the MDT runs (these can be subsequently be obtained from the EPT flow, albeit potentially - but not necessarily contaminated with PPD).

The majority of the test string comprised 4-1/2" New VAM tubing. The well was perforated overbalanced on September 21, 2005, with Schlumberger 4-1/2" HSD guns, loaded with Omega 4505 HMX charges, %spf, 72 deg phasing.

The testing of both upper and lower zones consisted of:
(a) Unloading flow period
(b) Clean up flow period
(c) Sampling flow period

Sequence of Events

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Field	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
22/09/05	
08:00:00	Commenced pressure testing welltest package as per programme.
16:00:00	Completed pressure testing welltest package as per programme.
27/09/05	
10:40:00	Commenced function testing ESD system witnessed by Completion Engineer.
11:00:00	Completed function testing ESD system witnessed by Completion Engineer.
23:00:00	Rig power output to lab tripped, power lost.
23:15:00	Restored power to lab.
28/09/05	
00:15:00	Held JSA prior to picking up of 7 3/8" flowhead / stiff joint assembly.
01:10:00	Commenced picking up of 7 3/8" flowhead/stiff joint assembly.
01:30:00	Stiff Joint damaged during picking up of 7 3/8" flowhead / stiff joint assembly.
01:40:00	Lowered 7 3/8" flowhead/stiff joint assembly back to main deck.
01:45:00	Commenced changing out damaged stiff joint.
02:40:00	Completed changing out damaged stiff joint.
03:20:00	Commenced picking up of 7 3/8" flowhead / stiff joint assembly.
06:20:00	Connected flow and kill line coflexip hoses to 7 3/8" flowhead.
07:20:00	Completed rigging up flowhead.
07:35:00	Commenced flushing surface line to starboard gas line with sea water.
07:51:00	Completed flushing surface line to starboard gas line with sea water.
07:52:00	Closed choke manifold.
07:57:00	Commenced pressure testing surface lines against 7 3/8" flowhead and choke manifold inlet valve to 500 / 5000 psi.
08:27:00	Good test. Bled off pressure via choke manifold to surge tank.
08:30:00	Recovered 1.5 bbls in surge tank. Closed choke manifold.
08:35:00	Commenced moving rig over the well position.
09:50:00	Rig back over the well and re-tension guidelines.
10:00:00	Continued running in with SST as per programme.
10:20:00	Opened choke manifold.
10:30:00	Landed and latched SST onto wellhead.
11:00:00	Commenced pressure testing SST as per Cameron's programme.
11:20:00	Made up crossover on top Expro flowhead to slickline lubricator.
12:30:00	Completed pressure testing SST as per Cameron's programme.
12:40:00	Commenced flushing surface line to starboard gas line with sea water.
12:47:00	Closed choke manifold.
12:49:00	Commenced pressure testing completion riser and surface lines against 7 3/8" flowhead and choke manifold inlet valve to 500 / 5000 psi.
13:25:00	Good test. Bled off pressure via choke manifold to surge tank.
13:27:00	Recovered 2.8 bbls in surge tank.
13:32:00	Closed master valve on flowhead and closed choke manifold.
13:40:00	Held JSA prior to rigging up Expro slickline BOPs and lubricator onto top of flowhead.
13:45:00	Commenced rigging up Expro slickline BOPs and lubricator onto top of flowhead.
14:54:00	Stabbed Expro slickline lubricator onto flowhead.
15:30:00	Opened swab and closed flow wing valves on flowhead.
15:46:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.
16:10:00	Observed leak at needle valve on lubricator. Bled off pressure.
16:13:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.
16:32:00	Good test. Bled off pressure.
16:40:00	Problem with Cameron SST, standby.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
28/09/05	
19:00:00	Commenced function testing and timing valves on SST.
19:34:00	Completed function testing and timing valves on SST.
19:37:00	Opened master valve on flowhead.
19:47:00	Commenced circulating completion riser to inhibited filtered 8.9 ppg brine via AXOV on SST.
19:54:00	Completed circulating completion riser to inhibited filtered 8.9 ppg brine via AXOV on SST.
19:57:00	Closed production wing valve on SST.
19:57:00	Closed x-over, annulus wing and annulus access valves on SST.
19:58:00	Opened production master valve on SST.
20:00:00	Shut kill wing valve on flowhead.
20:02:00	Opened flow wing valve on flowhead.
20:15:00	Expro slickline commenced RIH with 4" SB pulling tool to retrieve ARH prong.
20:24:00	Expro slickline latched ARH prong at depth 169.5m wireline RKB, commenced POOH.
20:27:00	Expro slickline at surface with ARH prong.
20:30:00	Closed swab valve on flowhead.
20:33:00	Broke out Expro lubricator and changed slickline toolstring to 4" GS pulling tool.
20:40:00	Stabbed Expro slickline lubricator onto flowhead.
20:45:00	Opened swab valve on flowhead.
20:46:00	Expro slickline commenced RIH with 4" GS pulling tool to retrieve ARH plug.
20:50:00	Expro slickline latched ARH plug at depth 169.5m wireline RKB, commenced jarring to pull plug.
21:02:00	Expro slickline pulled ARH plug, commenced POOH.
21:06:00	Expro slickline at surface with ARH plug.
21:08:00	Closed swab valve on flowhead.
21:09:00	Broke out Expro lubricator and changed slickline toolstring to tandem shifting tool assembly.
21:25:00	Opened swab valve on flowhead.
21:25:00	Closed master valve on flowhead.
21:29:00	Opened kill wing valve on flowhead.
21:35:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.
21:55:00	Commenced function testing ESD station next to choke manifold shutting flow wing valve on flowhead.
22:11:00	Opened flow wing valve on flowhead.
22:11:00	Bled off pressure at choke manifold. Closed choke manifold.
22:18:00	Closed kill wing valve on flowhead.
22:18:00	Opened master valve on flowhead.
22:18:00	Opened SSSV.
22:21:00	Expro slickline commenced RIH with tandem shifting tool assembly to open and close XD SSD.
22:58:00	Commenced priming PPD injection system and flushing the 3/4" injection line with PPD down to SST.
23:04:00	Expro slickline commenced opening XD SSD at 2960.5m wireline RKB.
23:10:00	Expro slickline completed opening XD SSD at 2960.5m wireline RKB.
23:17:00	Completed priming PPD injection system and flushing the 3/4" injection line with PPD down to SST.
23:22:00	Held JSA prior to pumping diesel into completion riser and tubing to form diesel cushion.
23:50:00	Opened kill wing valve on flowhead.
23:51:00	Opened annulus access valve on SST
23:52:00	Opened annulus master valve on SST
29/09/05	
00:14:00	Commenced pumping diesel into competion riser and tubing to form diesel cushion.
00:22:00	Stopped pumping diesel into completion riser and tubing.
00:28:00	Recommenced pumping diesel into completion riser and tubing.
00:28:00	Diesel pump rate set at 1.5 bbl per minute.
00:53:00	Diesel pump rate set at 1.6 bbl per minute.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
29/09/05	
01:00:00	Commenced supplying steam to heat exchangers.
01:08:00	Stopped pumping diesel into completion riser and tubing.
01:10:00	Recommenced pumping diesel into completion riser and tubing.
01:22:00	Stopped pumping diesel into completion riser and tubing.
01:24:00	Recommenced pumping diesel into completion riser and tubing.
02:00:00	Completed pumping 150 bbls diesel into completion riser and tubin.
02:10:00	Expro slickline commenced closing XD SSD at 2960.5m wireline RKB.
02:14:00	Closed kill wing valve on flowhead.
02:30:00	Expro slickline completed closing XD SSD at 2960.5m wireline RKB, commenced POOH.
03:00:00	Expro slickline at surface with tandem shifting tool assembly.
03:07:00	Closed swab valve on flowhead.
03:24:00	Opened lo-torque valve.
03:30:00	Broke out Expro lubricator and checked pins in tandem shifting tool assembly.
03:40:00	Opened kill wing valve on flowhead.
03:46:00	Commenced pressure testing against completion string and closed XD SSD to 300 / 3000 psi.
04:14:00	Lit ignition pilot on flare boom.
04:21:00	Good test. Bled down pressure to 850 psi via choke manifold to surge tank.
04:23:00	Closed choke manifold.
04:25:00	Held JSA prior to flowing well.
04:55:00	Bled down pressure to 750 psi via choke manifold to surge tank.
04:56:00	Closed kill wing valve on flowhead.
04:57:00	Recovered 9 bbls at surge tank.
05:03:00	Opened (LV) lubricator valve.
05:13:00	Opened well (Upper Group) on 16/64" adjustable choke to surge tank to recover 30 bbls.
05:14:00	Gradually increased adjustable choke to 20/64".
05:15:00	Initial tank level at 4.5 bbls.
05:18:00	Gradually increased adjustable choke to 24/64".
05:20:00	2.5 bbls returned.
05:24:00	Gradually increased adjustable choke to 28/64".
05:25:00	10.5 bbls returned.
05:30:00	30 bbls recovered. Shut well in at choke manifold.
05:35:00	Closed lubricator valve.
05:37:00	Bled off well head pressure.
05:41:00	Closed choke manifold
05:43:00	Opened interval control valve (ICV).
05:45:00	Opened well on 16/64" adjustable choke to general purpose tank.
05:46:00	Downstream choke pressure sensor isolated, JIC hose plugged up.
05:46:00	Gradually increased adjustable choke to 20/64".
05:53:00	Gradually increased adjustable choke to 24/64".
05:55:00	47.5 bbls recovered.
05:55:00	Shut well in at choke manifold due to steam delivery issue.
06:00:00	Shut off boilers to resolve steam delivery issues.
06:11:00	Steam delivery back online.
06:15:00	Opened well on 16/64" adjustable choke to surge tank.
06:30:00	Steam boilers running at full capacity.
06:33:00	Repaired JIC hose on downstream choke. Downstream choke pressure back online.
06:41:00	Gradually increased adjustable choke to 20/64".
06:47:00	Diverted flow to port flare boom.
06:48:00	Gradually increased adjustable choke to 28/64".
06:53:00	Opened CIV. Commenced chemical injection at 660 cc/min at SST.
06:56:00	Gradually increased adjustable choke to 32/64".
06:59:00	Brine at surface.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
29/09/05	
07:02:00	Gradually increased adjustable choke to 36/64". Bled down annulus pressure to +/- 250 psi.
07:08:00	Traces of oil at surface.
07:10:00	Gradually increased adjustable choke to 40/64".
07:16:00	Bled down annulus pressure to +/- 250 psi.
07:18:00	Gradually increased adjustable choke to 44/64".
07:20:00	Unable to take samples at choke manifold due to thick heavy foam.
07:23:00	Gradually increased adjustable choke to 48/64".
07:24:00	Still unable to take samples at choke manifold due to thick heavy foam.
07:26:00	Diverted flow through 48/64" fixed choke.
07:28:00	Bled down annulus pressure to +/- 250 psi.
07:30:00	Flare exstinguished momentarily, flare relit.
07:39:00	Bled down annulus pressure to +/- 250 psi.
07:52:00	Bled down annulus pressure to +/- 250 psi.
08:00:00	SG of produced oil 0.838 at 60 degF. 30 minutes of heating required to obtain sample.
08:08:00	Bled down annulus pressure to +/- 250 psi.
08:13:00	Increased chemical injection rate at 1100 cc/min.
08:25:00	Diverted flow through separator, separator gas pressure sensor isolated.
08:26:00	Bled down annulus pressure to +/- 250 psi.
08:34:00	Opened valve to separator gas pressure sensor.
08:38:00	Established oil level in separator. Diverted flow to 3" oil meter.
08:44:00	Intalled 2.75" orifice plate into gas meter run.
08:45:00	SG of produced gas 0.832. BS&W showed 100% oil and trace of water. Bled down annulus pressure to +/- 250 psi.
08:45:00	Draeger (Petrolab) showed 12.5% CO2 by volume and 2.8 ppm H2S.
08:58:00	One steam boiler is down.
09:00:00	BS&W showed 100% oil and trace of water. SG of produced oil 0.825 at 60 degF, sample taken at oil diverted manifold going out to the flare.
09:01:00	Stopped chemical injection pump at SST.
09:09:00	Bled down annulus pressure to +/- 250 psi.
09:14:00	Diverted flow through surge tank for combine meter and shrinkage factor.
09:15:00	BS&W showed 100% oil and trace of water.
09:20:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.
09:20:00	Obtained shrinkage factor from 6.04%. Meter factor 0.968.
09:25:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.
09:30:00	SG of produced oil 0.824 at 60 degF, sample taken at separator oil line. BS&W showed 100% oil and trace of water. Both boilers back on line.
09:35:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.
09:39:00	Bled down annulus pressure to +/- 250 psi.
09:45:00	SG of produced gas 0.845. BS&W showed 100% oil and trace of water.
09:59:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.
10:00:00	BS&W showed 100% oil and trace of water.
10:08:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.
10:15:00	BS&W showed 100% oil and trace of water.
10:30:00	BS&W showed 100% oil and trace of water.
10:38:00	Bled down annulus pressure to +/- 250 psi.
10:45:00	BS&W showed 100% oil and trace of water.
10:56:00	Commenced chemical injection pump at 1100 cc/min at SST.
11:00:00	BS&W showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
29/09/05	
	60 degF.
11:00:00	Draeger (Petrolab) showed 13.5% CO2 by volume and 3 ppm H2S.
11:15:00	BS&W showed 100% oil and trace of water.
11:30:00	BS&W showed 100% oil and trace of water.
11:39:00	Bled down annulus pressure to +/- 250 psi.
11:44:00	Raised 2.75" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.
11:44:00	End of flow test for Upper Group.
11:45:00	Closed ICV.
11:49:00	Re-opened ICV.
11:55:00	Closed ICV.
11:59:00	Opened LV.
12:00:00	Opened well (Lower Group) on 16/64" adjustable choke to test separator and port flare boom.
12:01:00	Gradually increased adjustable choke to 24/64".
12:03:00	Gradually increased adjustable choke to 28/64".
12:06:00	Gradually increased adjustable choke to 32/64".
12:11:00	Gradually increased adjustable choke to 36/64".
12:14:00	Gradually increased adjustable choke to 40/64".
12:22:00	Gradually increased adjustable choke to 44/64".
12:27:00	Gradually increased adjustable choke to 48/64".
12:30:00	Diverted flow through 48/64" fixed choke.
12:45:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced gas 0.786. SG of produced oil 0.832 at 60 degF.
12:49:00	Installed 3.25" orifice plate into gas meter run.
12:51:00	Diverted flow through 3" oil meter.
13:00:00	BS&W at choke manifold showed 99% oil and 1% water. Draeger (Petrolab) showed 4% CO2 by volume and 1.7 ppm H2S.
13:15:00	BS&W at choke manifold showed 99% oil and 1% water.
13:18:00	Raised 3.25" orifice plate from gas meter run due to oil carry over into gas line.
13:23:00	Bled down annulus pressure to +/- 250 psi.
13:30:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced oil 0.829 at 60 degF.
13:31:00	Bypassed 3" oil meter.
13:32:00	Stopped chemical injection at STT.
13:34:00	Diverted flow through 3" oil meter.
13:39:00	Installed 3.25" orifice plate into gas meter run.
13:45:00	BSW at separator oil line showed 100% oil.
13:47:00	Diverted flow through surge tank for combine meter and shrinkage factor.
13:51:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.
13:51:00	Obtained meter factor 0.964 and shrinkage factor 6.04%.
13:54:00	Bled down annulus pressure to +/- 250 psi.
14:00:00	BSW at separator oil line showed 100% oil. Draeger (Petrolab) showed 3% CO2 by volume and 1.7 ppm H2S.
14:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
14:15:00	Petrolab reported produced water properties, pH 7.3, conductivity 100 microSeimens and Potassium 800 mg/L.
14:15:00	BS&W at choke manifold showed 100% oil and trace of water.
14:25:00	Bled down annulus pressure to +/- 250 psi.
14:30:00	BS&W at choke manifold showed 100% oil and trace of water. Pour point value established 78 degF.
14:45:00	BS&W at choke manifold showed 100% oil and trace of water.
14:58:00	Bled down annulus pressure to +/- 250 psi.
15:00:00	BS&W at choke manifold showed 100% oil and trace of water. Draeger (Petrolab) showed 4% CO2 by volume and 1.5 ppm H2S.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

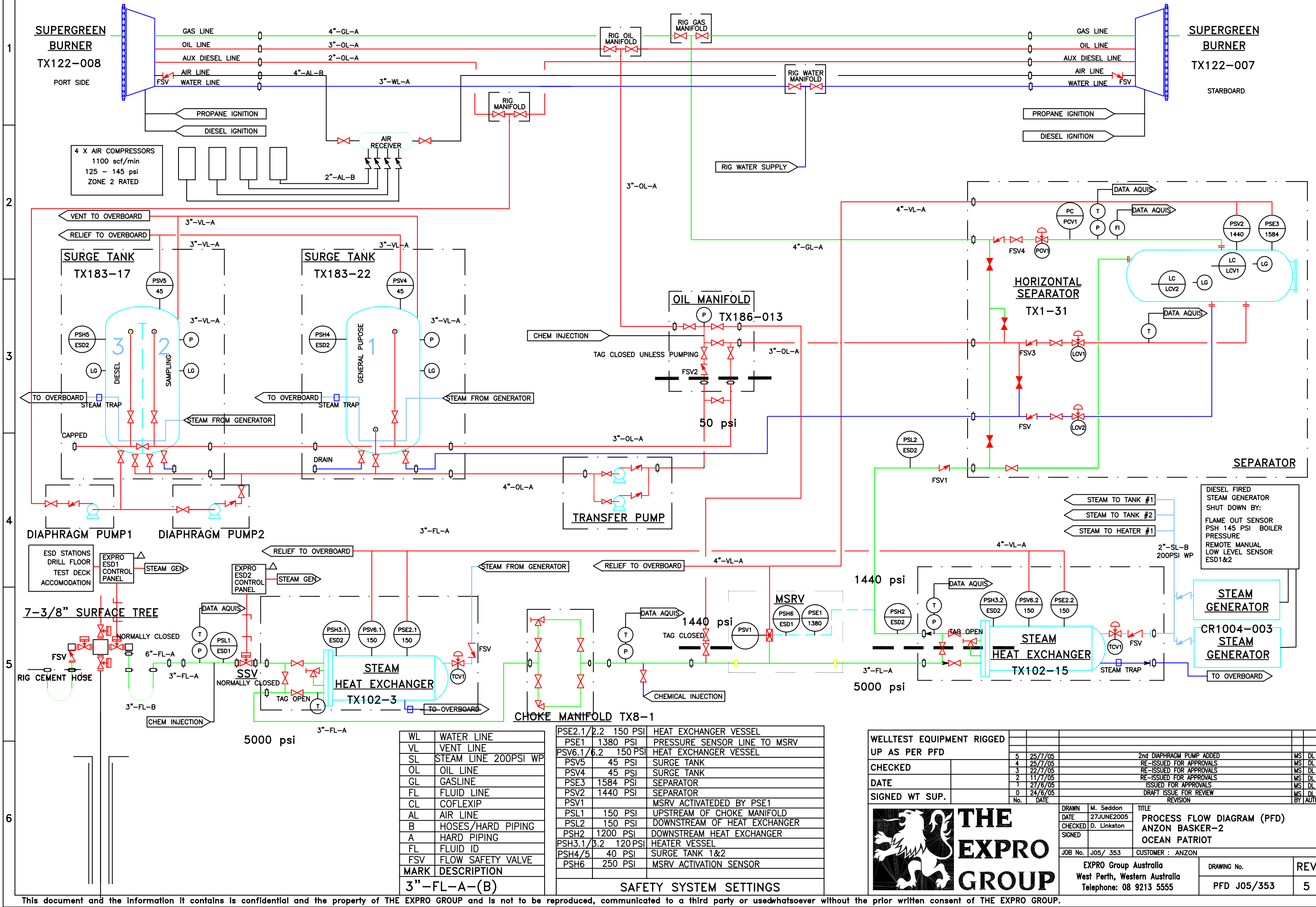
Time	Comment
29/09/05	
15:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
15:05:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.
15:14:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.
15:15:00	BS&W at choke manifold showed 100% oil and trace of water.
15:26:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.
15:30:00	BS&W at choke manifold showed 100% oil and trace of water.
15:36:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.
15:38:00	Bled down annulus pressure to +/- 250 psi.
15:45:00	BS&W at choke manifold showed 100% oil and trace of water.
15:53:00	Commenced chemical injection pump at 1100 cc/min at SST.
16:00:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
16:15:00	Bled off common close line pressure. Bled off LV open line.
16:15:00	BS&W at choke manifold showed 100% oil and trace of water.
16:30:00	BS&W at choke manifold showed 100% oil and trace of water.
16:45:00	BS&W at choke manifold showed 100% oil and trace of water.
16:46:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.
16:46:00	End of flow test for lower group.
16:47:00	Pressured up common close line to closed LV.
16:52:00	Bled off common close line.
16:54:00	Bled down wellhead pressure to 2100 psi.
17:00:00	BS&W at choke manifold showed 100% oil and trace of water.
17:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
17:04:00	Pressured up ICV open line to 4000 psi to open ICV.
17:09:00	Bled down ICV open line pressure to 3000 psi.
17:12:00	Opened well (Upper Group) on 24/64" adjustable choke through oil meter to the port flare boom for re-test.
17:13:00	Gradually increased adjustable choke to 48/64".
17:15:00	BS&W at choke manifold showed 100% oil and trace of water.
17:18:00	Adjustable choke at 48/64".
17:19:00	Diverted flow through 48/64" fixed choke.
17:20:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.
17:27:00	Installed 2.75" orifice plate into gas meter run.
17:29:00	Diverted flow through 3" oil meter. Used shrinkage factor 6.04% and meter factor 0.968 from previous flow period in Upper Group.
17:30:00	BS&W at choke manifold showed 100% oil and trace of water.
17:37:00	Raised 2.75" orifice plate into gas meter run due to oil carry over to the gas line.
17:45:00	BS&W at choke manifold showed 100% oil and trace of water.
17:46:00	Installed 2.75" orifice plate into gas meter run.
18:00:00	BS&W at choke manifold showed 100% oil and trace of water.
18:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
18:15:00	BS&W at choke manifold showed 100% oil and trace of water.
18:30:00	BS&W at choke manifold showed 100% oil and trace of water.
18:45:00	BS&W at choke manifold showed 100% oil and trace of water.
18:57:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.
18:57:00	End of flow test for Upper group.
19:01:00	Closed master valve on flowhead.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
29/09/05	
19:02:00	Bled off pressure above master valve.
19:03:00	Opened kill wing valve on flow head.
19:05:00	Commenced flushing surface test equipment with diesel.
19:14:00	Completed flushing surface test equipment with diesel.
19:15:00	Closed choke manifold.
19:17:00	Closed flow wing valve on flowhead.
19:18:00	Equalized pressure above master valve on flow head.
19:23:00	Opened master valve on flow head.
19:24:00	Commenced pumping diesel into completion riser and tubing.
19:39:00	Opened flow wing valve on flowhead.
20:39:00	Completed pumping diesel into completion riser and tubing.
20:39:00	Closed SSSV.
20:56:00	Bled down pressure above SSSV to 200 psig, commenced leak off test of SSSV.
22:09:00	Good test, pressured up completion riser and tubing to +/- 930 psig.
22:13:00	Closed production master valve on SST.
22:16:00	Bled down pressure above PMV to 200 psig, commenced leak off test of PMV.
22:16:00	Closed CIV.
22:34:00	Equalized above PMV to +/- 930 psig.
22:35:00	Opened production master valve on SST.
22:37:00	Bled down pressure via choke manifold to surge tank.
22:55:00	Closed production master valve on SST.
23:00:00	Closed master valve on flowhead.
23:02:00	Commenced flushing 10bbls brine through cement line and flowhead.
23:08:00	Completed flushing 10bbls brine through cement line and flowhead.
23:10:00	Closed kill wing valve on flowhead.
23:12:00	Opened master valve on flowhead.
23:13:00	Commenced flushing annlulus access line, 5 1/2" completion riser, surface flowhead and surface well test equipment as per program.
23:54:00	Completed flushing, commenced circulating inhibitor as per program.
30/09/05	
00:22:00	Closed access valve and annulus master valve on SST.
00:22:00	Opened kill wing valve on flowhead.
00:22:00	Closed choke manifold.
00:25:00	Commenced pressure testing against annulus access valve and annulus master valve on SST to 500 / 5000 psig.
00:47:00	Good test, bled down pressure via choke manifold.
00:50:00	Closed choke manifold.
00:51:00	Closed annulus wing valve on SST.
00:53:00	Commenced pressure testing against annulus wing valve on SST to 500/5000 psig.
01:11:00	Good test, bled down pressure via choke manifold.
01:13:00	Closed choke manifold.
01:14:00	Closed crossover valve on SST.
01:15:00	Commenced pressure testing against crossover valve on SST to 500/5000 psig.
01:37:00	Good test, bled down pressure via choke manifold.
01:39:00	Closed choke manifold.
01:43:00	Closed production wing valve on SST.
01:45:00	Commenced pressure testing against production wing valve on SST to 500 / 5000 psig.
02:03:00	Good test, bled down pressure via choke manifold.
02:05:00	Closed choke manifold.
02:06:00	Closed production swab valve on SST.
02:07:00	Commenced pressure testing against production swab valve on SST to 500 / 5000 psig.

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Comment
30/09/05	
02:28:00	Good test, bled down pressure via choke manifold.
07:30:00	Rigged down Expro 7 3/8" flowhead. End of test.



WL	WATER LINE
VL	VENT LINE
SL	STEAM LINE 200PSI WP
OL	OIL LINE
GL	GASLINE
FL	FLUID LINE
CL	COFLEXIP
AL	AIR LINE
B	HOSES/HARD PIPING
A	HARD PIPING
FL	FLUID ID
FSV	FLOW SAFETY VALVE
MARK	DESCRIPTION

3"-FL-A-(B)

PSE2.1/2.2	150 PSI	HEAT EXCHANGER VESSEL
PSE1	1380 PSI	PRESSURE SENSOR LINE TO MSRV
PSV6.1/6.2	150 PSI	HEAT EXCHANGER VESSEL
PSV5	45 PSI	SURGE TANK
PSV4	45 PSI	SURGE TANK
PSE3	1584 PSI	SEPARATOR
PSV2	1440 PSI	SEPARATOR
PSV1		MSRV ACTIVATEDED BY PSE1
PSL1	150 PSI	UPSTREAM OF CHOKE MANIFOLD
PSL2	150 PSI	DOWNSTREAM OF HEAT EXCHANGER
PSH2	1200 PSI	DOWNSTREAM HEAT EXCHANGER
PSH3.1/3.2	120 PSI	HEATER VESSEL
PSH4/5	40 PSI	SURGE TANK 1&2
PSH6	250 PSI	MSRV ACTIVATION SENSOR

SAFETY SYSTEM SETTINGS

WELLTEST EQUIPMENT RIGGED UP AS PER PFD

CHECKED

DATE

SIGNED WT SUP.

No.	DATE	REVISION	BY	AUTH
5	25/7/05	2nd DIAPHRAGM PUMP ADDED	MS	DL
4	25/7/05	RE-ISSUED FOR APPROVALS	MS	DL
3	22/7/05	RE-ISSUED FOR APPROVALS	MS	DL
2	11/7/05	RE-ISSUED FOR APPROVALS	MS	DL
1	27/6/05	ISSUED FOR APPROVALS	MS	DL
0	24/6/05	DRAFT ISSUE FOR REVIEW	MS	DL

THE EXPRO GROUP

DRAWN	M. Seddon
DATE	27JUNE2005
CHECKED	D. Linkston
SIGNED	
JOB No.	J05/ 353

TITLE
PROCESS FLOW DIAGRAM (PFD)
ANZON BASKER-2
OCEAN PATRIOT
CUSTOMER : ANZON

EXPRO Group Australia
West Perth, Western Australia
Telephone: 08 9213 5555

DRAWING No. PFD J05/353

REV. 5

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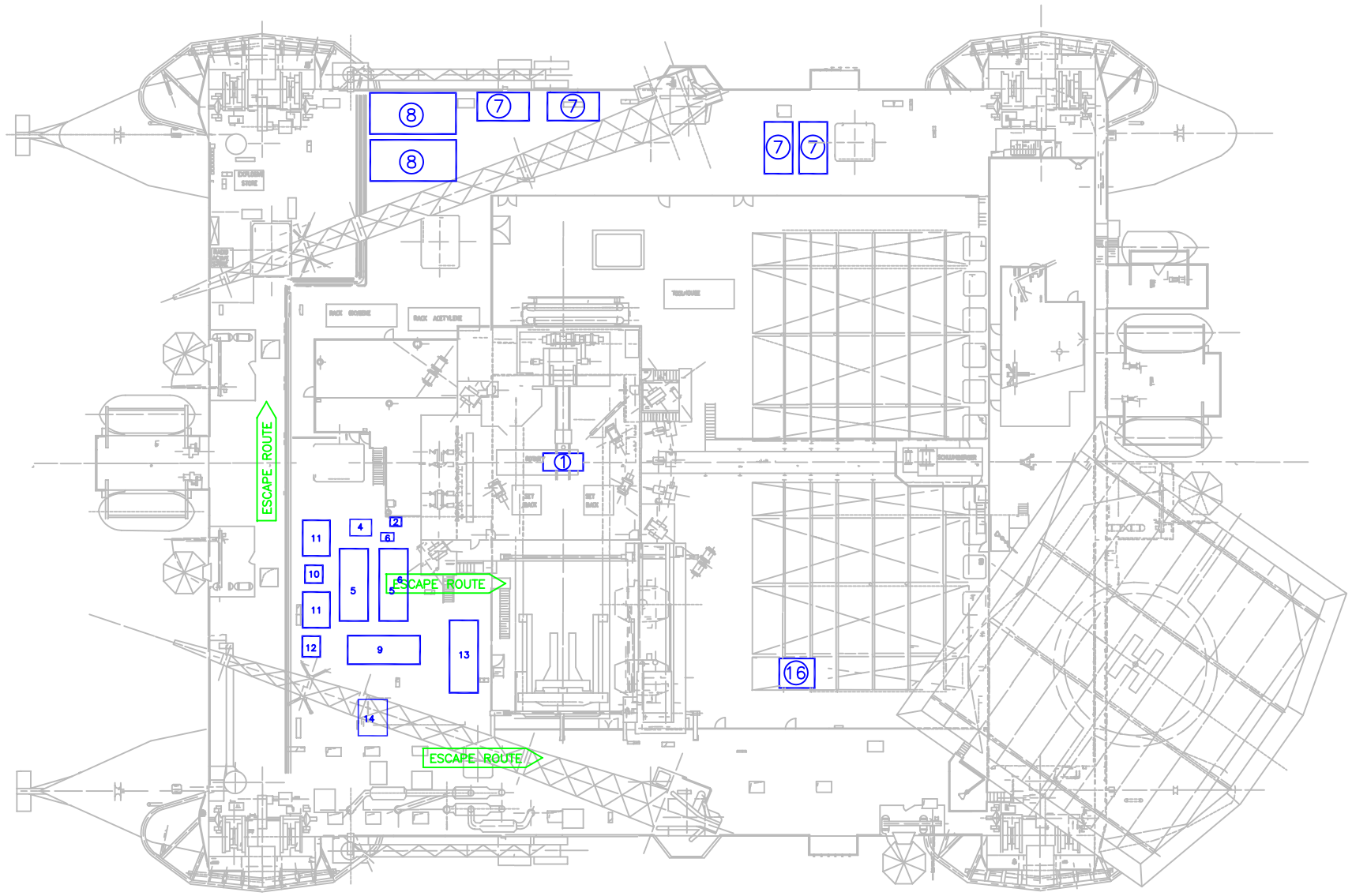
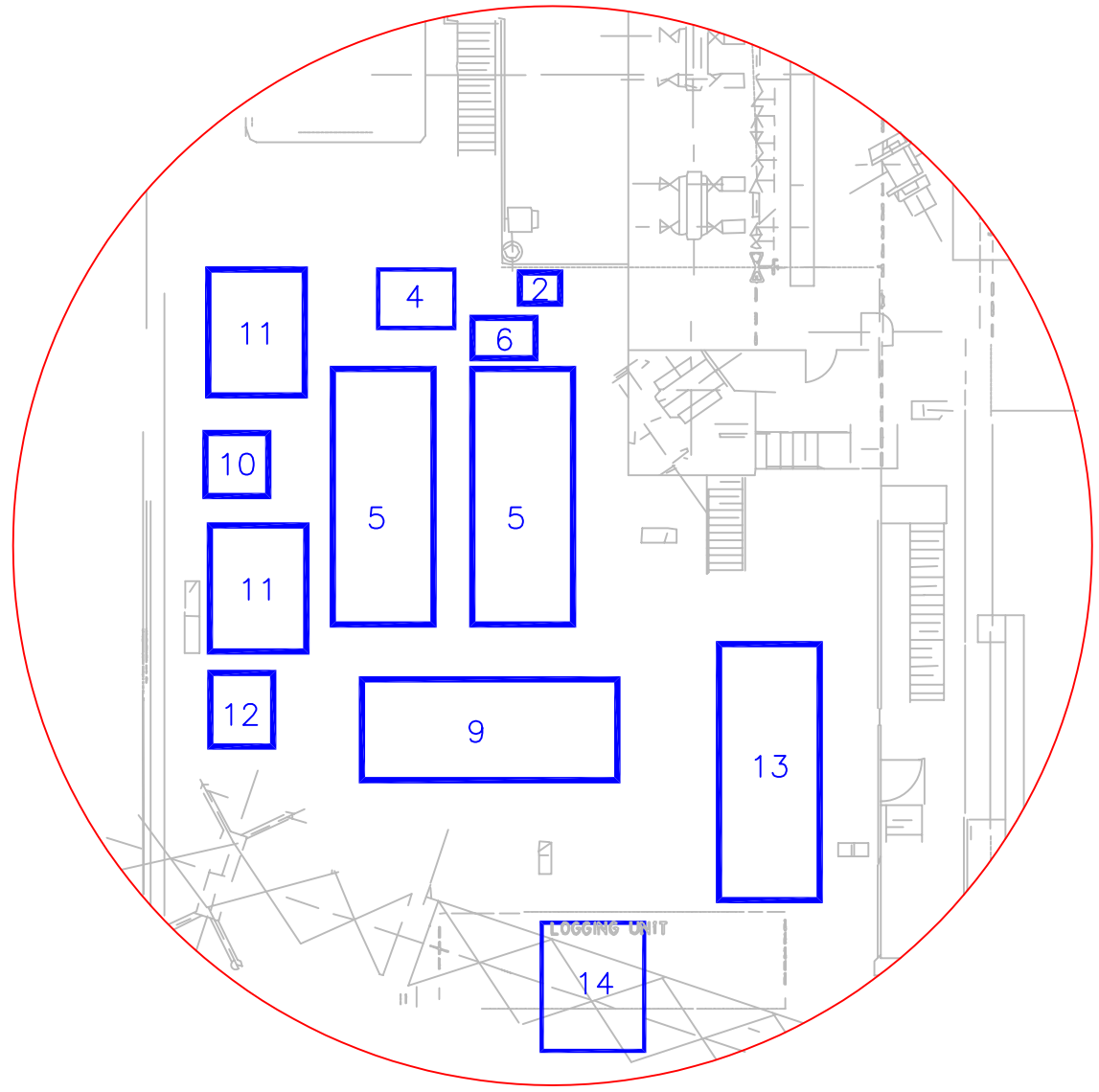
RIG OVERVIEW



EXPLODED VIEW OF MAIN DECK



ITEM	DESCRIPTION	DIMENSIONS L	DIMENSIONS W	DIMENSIONS H	WEIGHT TONNES	WORKING PRESS PSI
1	TEST TREE	xx	xx	xx	xx	
2	SURFACE SAFETY VALVE	4' 6"	2' 6"	4' 0"	0.5	
3						
4	CHOKE MANIFOLD	7' 4"	5' 6"	4' 0"	3.0	
5	STEAM HEAT EXCHANGER	25' 0"	7' 9"	8' 0"	10.0	
6	MSRV	4' 6"	2' 6"	3' 0"	0.5	
7	AIR COMPRESSOR	14' 6"	8' 0"	8' 0"	6.0	
8	STEAM GENERATOR	20' 0"	8' 0"	8' 6"	14.0	
9	SEPARATOR	20' 0"	8' 0"	8' 0"	18.5	
10	OIL MANIFOLD	5' 0"	4' 10"	1' 10"	0.5	
11	SURGE TANK (WET WT)	10' 0"	7' 6"	19' 0"	19.0	
12	TRANSFER PUMP	5' 0"	4' 0"	4' 6"	0.5	
13	PRESSURISED LABORATORY	20' 0"	8' 0"	8' 0"	6.2	
14	WELLTEST WORKSHOP	10' 0"	8' 0"	8' 0"	9.0	
15						
16	WIRELINE WORKSHOP	10' 0"	8' 0"	8' 0"	6.0	

CHECKED					
DATE		1	27/6/05	ISSUED FOR APPROVALS	MS DL
SIGNED SUP.		0	16/6/05	ISSUED FOR REVIEW	MS DL
		No.	DATE	REVISION	BY AUTH

THE EXPRO GROUP

DRAWN	M SEDDON
DATE	16/6/05
CHECKED	D LINKSTON
SIGNED	
JOB No.	J05/353

TITLE
EQUIPMENT LAY OUT DIAGRAM
ANZON BASKER-2
OCEAN PATRIOT

CUSTOMER : ANZON

The EXPRO Group
West Perth, WA Australia
Telephone: +61 8 9213 5555

DRAWING No. LAY J05/353

REV. 1

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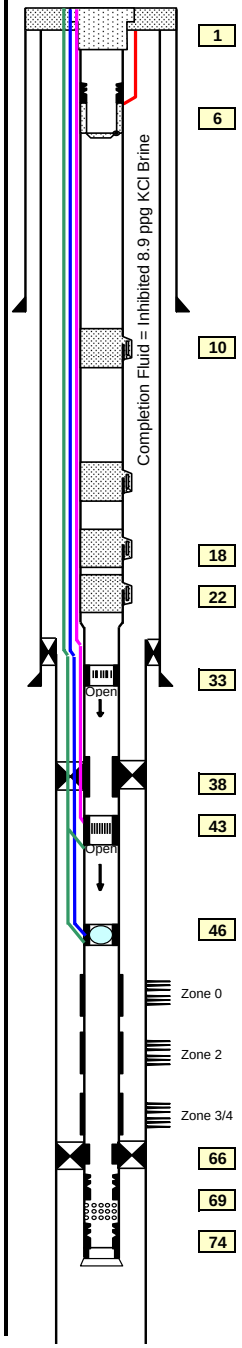
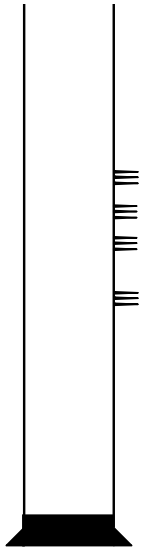
BASKER-2 COMPLETION			Revision 0, 6 October, 2005	Tandem 4-1/2" x 3-1/2" 13-Chrome Intelligent Completion							Run Dates : 22-24 Sep 2005		
ACTUAL	**ITEM**	**QTY**	**DESCRIPTION**	**Material**	**Top Conn.**	**Bottom Conn.**	**Drift or Min ID**	**Nom ID**	**Max OD**	**Length**	**MD RT (MSL)**	**MD below Tbg Hgr**	**TVD RT (MSL)**
			Elevation, Original RT to top of Tubing Hanger	-	-	-	-	-	-	171.45m	0.00m		
1	1	1	**Tubing Hanger**, Cameron 4-1/2" x 18-3/4" STC-10 (Inconel inlay)	410SS	G-2 Conn.	Vam Top	3.985"	4.000"	18.600"	0.88m	**171.45m**	0.00m	171m
	2	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft (pin x pin)	13Cr95	Vam Top	New Vam	3.875"	4.000"	4.917"	1.34m	172.33m	0.88m	
	3	1	Saver-sub Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	0.82m	173.67m	2.22m	
	4	5	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	62.37m	174.49m	3.04m	
6	5	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft w/ Upper Cable Protector	13Cr95	New Vam	Vam Top	3.875"	4.000"	8.110"	1.60m	236.86m	65.41m	
	6	1	**TR-SSSV**, 4-1/2" Halliburton '**SP**' 78OO1425-ENO w/ 3.813" RQ Nipple	13Cr80	Vam Top	Vam Top	3.813"	3.813"	7.350"	2.30m	**238.46m**	67.01m	238m
	7	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft w/ Lower Cable Protector	13Cr95	Vam Top	New Vam	3.875"	4.000"	8.110"	1.53m	240.76m	69.31m	
	8	102	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1258.48m	242.29m	70.84m	
	9	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	1500.77m	1329.32m	
	10	1	**Gas-Lift Side-Pocket Mandrel**, 4-1/2" Camco **MMG** 100189957	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.79m	**1502.35m**	1330.90m	1502m
	11	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	1505.14m	1333.69m	
	12	80	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	988.02m	1506.73m	1335.28m	
	13	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2494.75m	2323.30m	
	14	1	**Gas-Lift Side-Pocket Mandrel**, 4-1/2" Camco **MMG** 100189957	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.80m	**2496.33m**	2324.88m	2496m
10	15	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	2499.13m	2327.68m	
	16	24	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	298.23m	2500.72m	2329.27m	
	17	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2798.95m	2627.50m	
	18	1	**Gauge Side-Pocket Mandrel**, 4-1/2" Camco **MMG-10** 100189971	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.79m	**2800.53m**	2629.08m	2797m
	19	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.59m	2803.32m	2631.87m	
	20	1	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	12.48m	2804.91m	2633.46m	
	21	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.58m	2817.39m	2645.94m	
	22	1	**Gauge Side-Pocket Mandrel**, 4-1/2" Camco **MMG-10** 100189971	410SS	New Vam	New Vam	3.833"	3.855"	7.156"	2.80m	**2818.97m**	2647.52m	2814m
	23	1	Handling Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	1.57m	2821.77m	2650.32m	
	24	1	Tubing, 4-1/2" 11.6 lb/ft Range 3	13Cr95	New Vam	New Vam	3.875"	4.000"	4.877"	12.48m	2823.34m	2651.89m	
18	25	1	Crossover Pup Joint, 4-1/2" 11.6 lb/ft	13Cr95	New Vam	Vam Top	3.875"	4.000"	4.877"	1.59m	2835.82m	2664.37m	
	26	1	Coupling, 4-1/2" 11.6 lb/ft	13Cr95	Vam Top	Vam Top	3.875"	4.000"	4.917"	0.19m	2837.41m	2665.96m	
22	27	1	**Production Crossover**, 4-1/2" 11.6 lb/ft pin x 3-1/2" 9.2 lb/ft box	13Cr80	Vam Top	Vam Top	2.867"	2.959"	4.515"	0.45m	**2837.60m**	2666.15m	2831m
	28	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft (pin x pin)	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.33m	2838.05m	2666.60m	
	29	10	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	96.35m	2839.38m	2667.93m	
	30	3	Space-out Pup Joint(s), 3-1/2" 9.2 lb/ft	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	8.55m	2935.73m	2764.28m	
33	31	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2944.28m	2772.83m	
	32	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	2953.92m	2782.47m	
	33	1	**Sliding Sleeve**, 3-1/2" Hallib. Durasleeve 821**XD**28161-F with 2.813" X Nipple	13Cr80	Vam Top	Vam Top	2.813"	2.813"	4.550"	1.23m	**2955.43m**	2783.98m	2938m
	34	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.52m	2956.66m	2785.21m	
38	35	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2958.18m	2786.73m	
	36	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	2967.82m	2796.37m	
43	37	1	Splice Clamp, 3-1/2" WellDynamics 235**SFC**703503	13Cr80	Vam Top	Vam Top	2.750"	3.515"	5.905"	0.39m	2969.33m	2797.88m	
	38	1	**Packer**, 7" x 3-1/2" WellDynamics 722**HF1**702939 Retrievable, with **pip tag** (in splice clamp) 0.39m above top of packer	13Cr80	Vam Top	Vam Top	2.750"	2.750"	5.995"	3.62m	**2969.72m**	2798.27m	2950m
	39	1	Splice Sub, 3-1/2" WellDynamics 235**SF**0703516	13Cr80	Vam Top	Vam Top	2.750"	2.962"	5.900"	0.56m	2973.34m	2801.89m	
	40	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	2973.90m	2802.45m	
46	41	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	2975.41m	2803.96m	
	42	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.50m	2985.05m	2813.60m	
	43	1	**Interval Control Valve**, 3-1/2" WellDynamics 215**HVC**350012	13Cr80	Vam Top	Vam Top	2.750"	2.750"	5.850"	3.16m	**2986.55m**	2815.10m	2965m
	44	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.878"	1.52m	2989.71m	2818.26m	
	45	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.922"	1.51m	2991.23m	2819.78m	
	46	1	**Lubricator Valve**, 3-1/2" WellDynamics 560**LV**135W000	13Cr80	Vam Top	Vam Top	2.890"	2.890"	5.645"	2.45m	**2992.74m**	2821.29m	2970m
	47	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	2995.19m	2823.74m	
	48	2	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	19.27m	2996.70m	2825.25m	
	49	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.50m	3015.97m	2844.52m	
	50	5	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	14.91m	3017.47m	2846.02m	
	51	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3032.38m	2860.93m	
66	52	6	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	56.34m	3033.89m	2862.44m	
	53	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3090.23m	2918.78m	
69	54	3	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	8.94m	3091.74m	2920.29m	
	55	1	**Blast Joints**, 3-1/2" Halliburton 811**BN**28172-F (each 30 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.880"	4.020"	9.09m	3100.68m	2929.23m	
74	56	2	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	5.97m	3109.77m	2938.32m	
	57	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.52m	3115.74m	2944.29m	
	58	1	Space-out Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	5.02m	3117.26m	2945.81m	
	59	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3122.28m	2950.83m	
	60	3	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	8.94m	3123.79m	2952.34m	



BASKER-2 COMPLETION	Revision 0, 6 October, 2005	Tandem 4-1/2" x 3-1/2" 13-Chrome Intelligent Completion	Run Dates : 22-24 Sep 2005
ACTUAL			



ITEM	QTY	DESCRIPTION	Material	Top Conn.	Bottom Conn.	Drift or Min ID	Nom ID	Max OD	Length	MD RT (MSL)	MD below Tbg Hgr	TVD RT (MSL)
61	1	**Blast Joints**, 3-1/2" Halliburton 811**BN**28172-F (each 30 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.880"	4.020"	9.09m	3132.73m	2961.28m	
62	2	**Blast Joints**, 3-1/2" Halliburton 811**BN**28173-F (each 10 ft long)	13Cr80	Vam Top	Vam Top	2.867"	2.949"	4.154"	5.96m	3141.82m	2970.37m	
63	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3147.78m	2976.33m	
64	3	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	28.91m	3149.29m	2977.84m	
65	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.59m	3178.20m	3006.75m	
66	1	**Packer**, 7" x 3-1/2" Halliburton 812**AHC**72412-F Retrievable	13Cr80	Vam Top	Vam Top	2.902"	2.902"	5.930"	2.12m	**3179.79m**	3008.34m	3135m
67	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.43m	3181.91m	3010.46m	
68	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3183.34m	3011.89m	
69	1	**Landing Nipple**, 3-1/2" Halliburton 811**X**27527-F, 2.750" Bore	13Cr80	Vam Top	Vam Top	2.750"	2.992"	3.900"	0.30m	**3184.85m**	3013.40m	3139m
70	1	**Perforated Pup Joint**, 3-1/2" 9.3 lb/ft (20 ft)	13Cr80	Vam Top	Vam Top	2.867"	2.992"	3.922"	3.01m	3185.15m	3013.70m	
71	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Vam Top	Fox	2.867"	2.992"	3.922"	1.51m	3188.16m	3016.71m	
72	1	Tubing, 3-1/2" 9.2 lb/ft Range 2	13Cr80	Fox	Fox	2.867"	2.992"	3.878"	9.64m	3189.67m	3018.22m	
73	1	Crossover Pup Joint, 3-1/2" 9.2 lb/ft	13Cr80	Fox	Vam Top	2.867"	2.992"	3.878"	1.51m	3199.31m	3027.86m	
74	1	**Landing Nipple**, 3-1/2" Halliburton 811**XN**27586-F, 2.750" Bore, 2.635" NoGo	13Cr80	Vam Top	Vam Top	2.635"	2.992"	3.900"	0.37m	**3200.82m**	3029.37m	3153m
75	1	Pup Joint, 3-1/2" 9.2 lb/ft (15 ft)	13Cr80	Vam Top	Vam Top	2.867"	2.992"	3.922"	5.01m	3201.19m	3029.74m	
76	1	**Wireline Re-entry Guide**, 3-1/2" Halliburton 812**M**1081-F	13Cr80	Vam Top	-	2.950"	2.950"	5.750"	0.24m	3206.20m	3034.75m	
		Bottom of Tubing		-					0.00m	**3206.44m**	3034.99m	3158m

Perforations :

Zone	Fluid	Comments	Perf. Date	Gun Type	Shot Density	Phasing	Charge Type	Length	Top Shot, MDRT	Btm Shot MDRT	Top Shot TVDRT
0	Oil	Perforated overbalanced before running completion (Run #5)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.30m	3022.30m	3026.60m	2996m
1	Oil	Perforated overbalanced before running completion (Run #4)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.70m	3097.60m	3102.30m	3062m
1	Oil	Perforated overbalanced before running completion (Run #4)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.40m	3104.60m	3109.00m	3068m
2	Oil	Perforated overbalanced before running completion (Run #3)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	11.00m	3130.60m	3141.60m	3091m
5	Oil	Perforated overbalanced before running completion (Run #1, Select #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.00m	3239.60m	3243.60m	3188m
6	Oil	Perforated overbalanced before running completion (Run #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	7.60m	3261.70m	3269.30m	3208m
6	Oil	Perforated overbalanced before running completion (Run #2)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	10.00m	3273.00m	3283.00m	3218m
6	Oil	Perforated overbalanced before running completion (Run #1, Select #1)	21-Sep-05	4-1/2" HSD	5 spf	72 deg	PJ Omega 4505 HMX	4.00m	3287.00m	3291.00m	3230m

Casing & Liner Data :

Item	Size	Comments	Material / Grade	Weight lb/ft	Top Connect.	Bottom Conn.	Min ID	Max OD	Length	Top, MDRT MSL	Bottom, MDRT MSL	Bottom, TVDRT
1	30"	36" hole to be drilled to approx 35m below seabed	X52		Lynx	Lynx	28.000"		34.69m	174.50m	209.19m	209m
2	13-3/8"	Cameron 18-3/4" STC-10 Wellhead w/ crossover to 13-3/8" csg	L80	68.00 lb/ft	Buttress	Buttress	12.259"	14.375"	826.47m	173.53m	1000.00m	1000m
3a	9-5/8"	Top section of casing	L80	47.00 lb/ft	Vam Top	Vam Top	8.525"	10.396"	2270.53m	173.82m	2444.35m	2444m
3b	9-5/8"	Bottom section of casing	L80	53.50 lb/ft	NSCC	NSCC	8.379"	10.625"	500.53m	2444.35m	2944.88m	2929m
4	7"	Liner (PBTD at 3382m MDRT)	13Cr80	29.00 lb/ft	Fox	Fox	6.059"	7.614"	559.06m	2853.94m	3413.00m	3344m

Other Information :

1	Water Depth = 156m, RT Elevation = 21.5m, top of tubing hanger is at 171.45m MDRT.
2	Installed total of 20 x 3-1/2" Tubetec Series 200 Stainless Steel Cross-Coupling Protectors, plus 221 x 4-1/2" Tubetec Series 200 Carbon Steel Cross-Coupling Protectors, plus Tubetec Carbon Steel Upper and Lower Cable Protectors (above and below TR-SSSV), to protect 28mm x 12mm encapsulated 3-core flatpack control line between Tubing Hanger and HF-1 Packer, and to protect 11mm x 11mm encapsulated single-core control line between Tubing Hanger and TR-SSSV
3	Markers to aid correlation : 9-5/8" crossover at 2438m MDRT, pip tags in 7" Liner at 2912m MDKB and 3-1/2" completion at 2969.3m MDKB, and 7" short joints (2.5m long) set at 3062m & 3254m MDKB.
4	Completion fluid = Inhibited 8.9 ppg KCl Brine, with biocide added.
5	Actual String Weights (including riser, no Surface Flowhead or Stiff joint Assy) in 8.9 ppg brine : 230k pickup, 230k slackoff (both including 110k block weight).
6	Gas-Lift SPM at 1502m MDRT has been fitted with a 1-1/2" Camco Model 'RCB' Chemical Injection Valve (Serial No. ANZ-002) on RK Latch (Serial No. SWG4344).
7	Gas-Lift SPM at 2496m MDRT has been fitted with a 1-1/2" Camco Model 'RD' Dummy Gas Lift Valve (Serial No. SWG4765) on RK Latch (Serial No. SWG5220).
8	Gauge SPM at 2801m MDRT has been fitted with a 1-1/2" Spartek Sapphire P/T Memory Gauge (Serial No.4116), clock started at 22:17hrs on 22/9/05, 20 second sampling interval (max 1,000,000 samples).
9	Gauge SPM at 2819m MDRT has been fitted with a 1-1/2" Omega Premier Quartz P/T Memory Gauge (Serial No.889), clock started at 20:07hrs on 22/9/05, 30 second sampling interval (max 720,000
10	2 x 1.25" OD Spartek Sapphire P/T Memory Gauges (serial Nos 77466 & 76824) have been hung off in XN Landing Nipple at 3201m MDRT, clocks started at 10:10hrs and 12:45hrs respectively on 22/9/05, each 20 second sampling intervals (max 1,000,000 samples).

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GLOSSARY OF TERMS

Client :	Anzon Australia Ltd.	**Well No. :**	Basker-2
Test :	Completion	**Date :**	22/09/05 - 30/09/05

a(v)	Average
A	Average
API	American Petroleum Institute
b	Barrel(s)
cf	Standard cubic feet
Cum	Cumulative
d	Day
degF	Degrees F
gas	Gas
GOR	Gas oil ratio
i	Instantaneous
MF	Meter Factor
MMcf	Millions of standard cubic feet
MM/b	Millions of standard cubic feet per barrel
MM/d	Millions of standard cubic feet per day
o	Oil
ppm	Parts per million
psia	Pounds per square inch (absolute pressure)
psig	Pounds per square inch (gauge pressure)
Q	Flow rate
sep	Separator
sepb	Separator barrels
sepd	Separator barrels per day
stk	Stock tank
stkb	Stock tank barrels
stkd	Stock tank barrels per day
PPD	Pour Point Depressant
IDHC	Intelligent Downhole Controls
ICV	Interval Control Valve
LV	Lubricator Valve

Transducer Information

Client Anzon Australia Ltd **Test No.** Completion

Well No. Basker-2 **Start Date** 22/09/05

Probe	Location	Span	Serial No.	Tag
1	Data header - test area	0 - 5,000 psig	7546223	UCP
2	Data header - test area	0 - 300 degF	EA27509	UCT
3	Downstream choke - test area	0 - 5,000 psig	RS1152157	DCP
4	Downstream choke - test area	0 - 300 degF	0365647	DCT
5	Drill floor	0 - 10,000 psig	1044252	Ann
6	Separator gas line	0 - 1,500 psig	75GB2804	GasP
7	Separator gas line	0 - 300 degF	0374468	GasT
8	Separator gas line	0 - 400 INWG	7535419	gasD
9	Separator oil line	0 - 300 degF	EB52249	OilT
10	Downstream heater	0 - 5,000 psig	RS1152154	DHP
11	Downstream heater	0 - 300 degF	E199	DHT
12	Test area	0 - 2800 mm	05-M1708	Tank 1
13	Test area	0 - 2800 mm	05-M1709	Tank 2
14	Separator oil line	0 - 2,000 bbl/d	FL101	Oil 1
15	Separator oil line	0 - 8,000 bbl/d	FL123	Oil 2
16	Separator water line	0 - 2,000 bbl/d	FL015	Wtr 1

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EXAL RESERVOIR SERVICES

OIL FLOW RATE CALCULATION

$$Vsep = Vm * m * (1-BSW)$$

where

Vsep = Corrected meter liquid volume.

Vm = Meter volume.

m = Meter factor determined during test flow periods. Applied to all volumes recorded by EDGE.

BSW = Basic Sediment & Water value as measured at test separator.

$$Vstk = Vsep * (1-Shr) * Vcf * Cf$$

where

Vstk = Volume of oil produced at standard conditions (14.73 psia @ 60°F)

Shr = Shrinkage, accounts for changes in oil volumes due to liberations of free gas between separator and atmospheric pressure. Method of shrinkage, ie. Shrinkage Tester, Katz correlations, etc as determined by operating company.

Vcf = Volume Correction Factor. Often applied as part of the shrinkage factor. Corrects the volume at the shrinkage temperature to the volume at the standard temperature (60°F).
re: API/NDS Standard petroleum measurement tables 1979.

Cf = Conversion factor = 1.
(Variable factor used for units output ie. Bbls/day, M3/day, etc)

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EXAL RESERVOIR SERVICES

GAS FLOW RATE CALCULATION

Gas rate = Cf * C * Sqrt (hw * Pf)

Orifice constant C = Fb * Fpb * Ftb * Fg * Ftf * Fr * Y * Fpv

where

Fb	=	Basic orifice constant.
Fpb	=	Pressure base factor. Unity as pressure base used is 14.73 psia.
Ftb	=	Temperature base factor. Unity as temperature base used is 520°R (60°F).
Fg	=	Specific gravity factor. Unity if specified gravity of gas is 1.0.
Ftf	=	Flowing temperature factor. Unity if flowing temperature is 520°R (60°F).
Fr	=	Reynold number.
Y	=	Expansion factor.
Fpv	=	Supercompressibility factor. Z is calculated using the Dranchuk correlation, correcting for mol % of CO2, N2, and H2S for a surface gas.
hw	=	Differential across orifice plate (inches of water).
Pf	=	Flowing pressure upstream of orifice plate (psia).
Cf	=	Coversion factor = 24e-6.

Note:

i Flange tap measurements across Daniel Orifice Box.

ii Fpv quoted as 1/2 in Gas Factor Listing

Well Head - Data Listing - Upper and Lower Group

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Well Head Plot
Test No.	Completion		Upper and Lower Groups
Location	Ocean Patriot 186		

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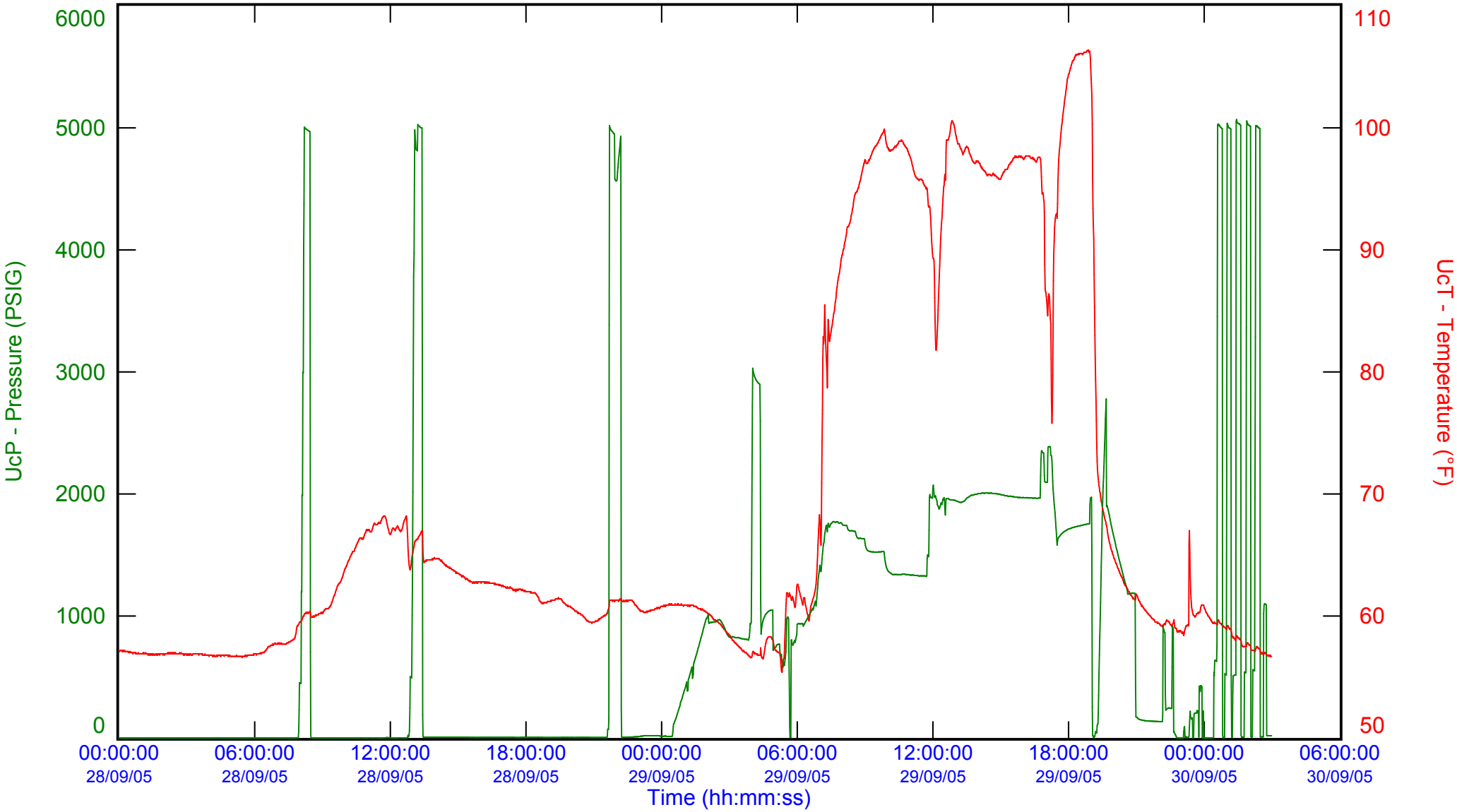

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Wellhead Plot
Test No.	Completion		Upper and Lower Groups
Location	Ocean Patriot 186		

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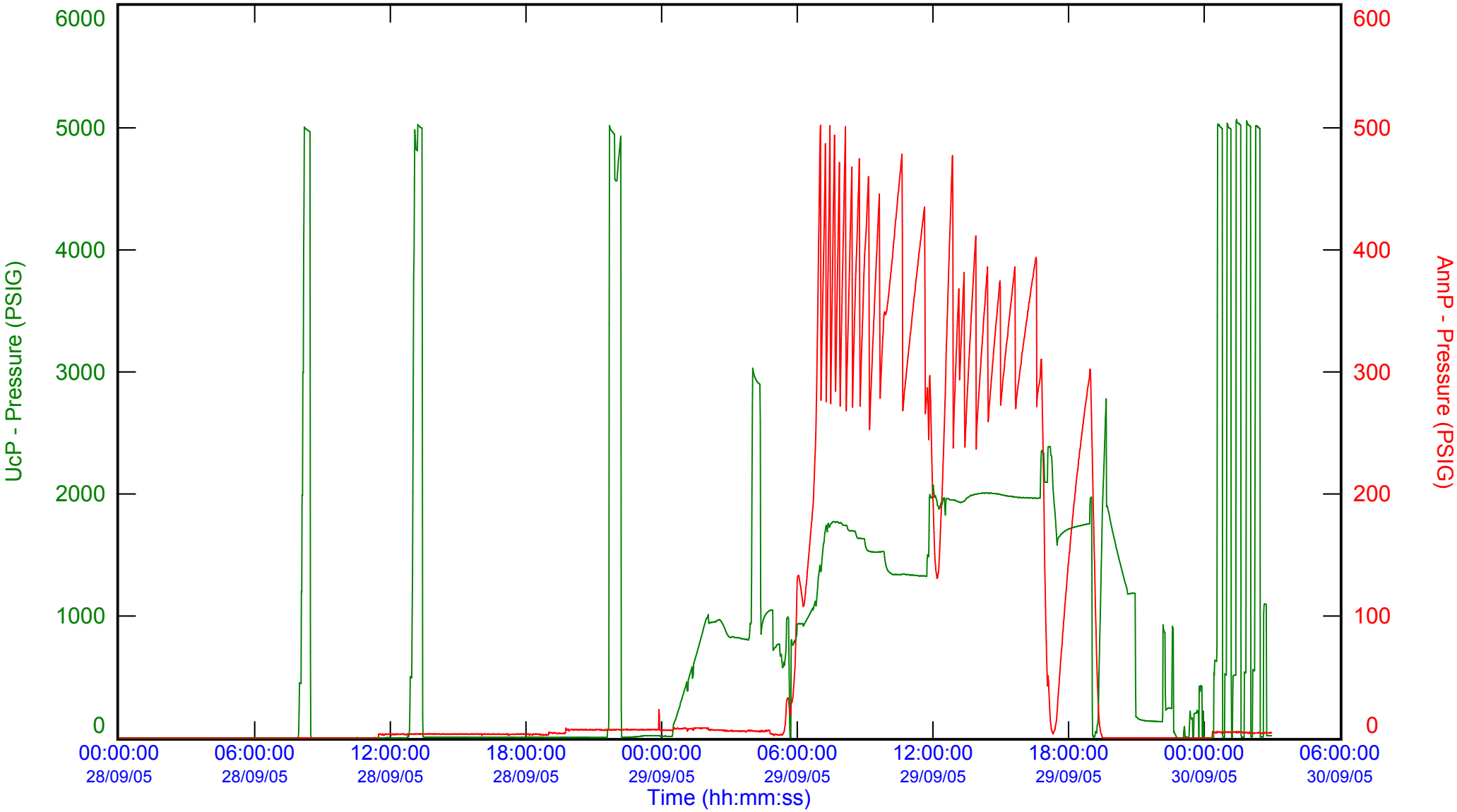

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		

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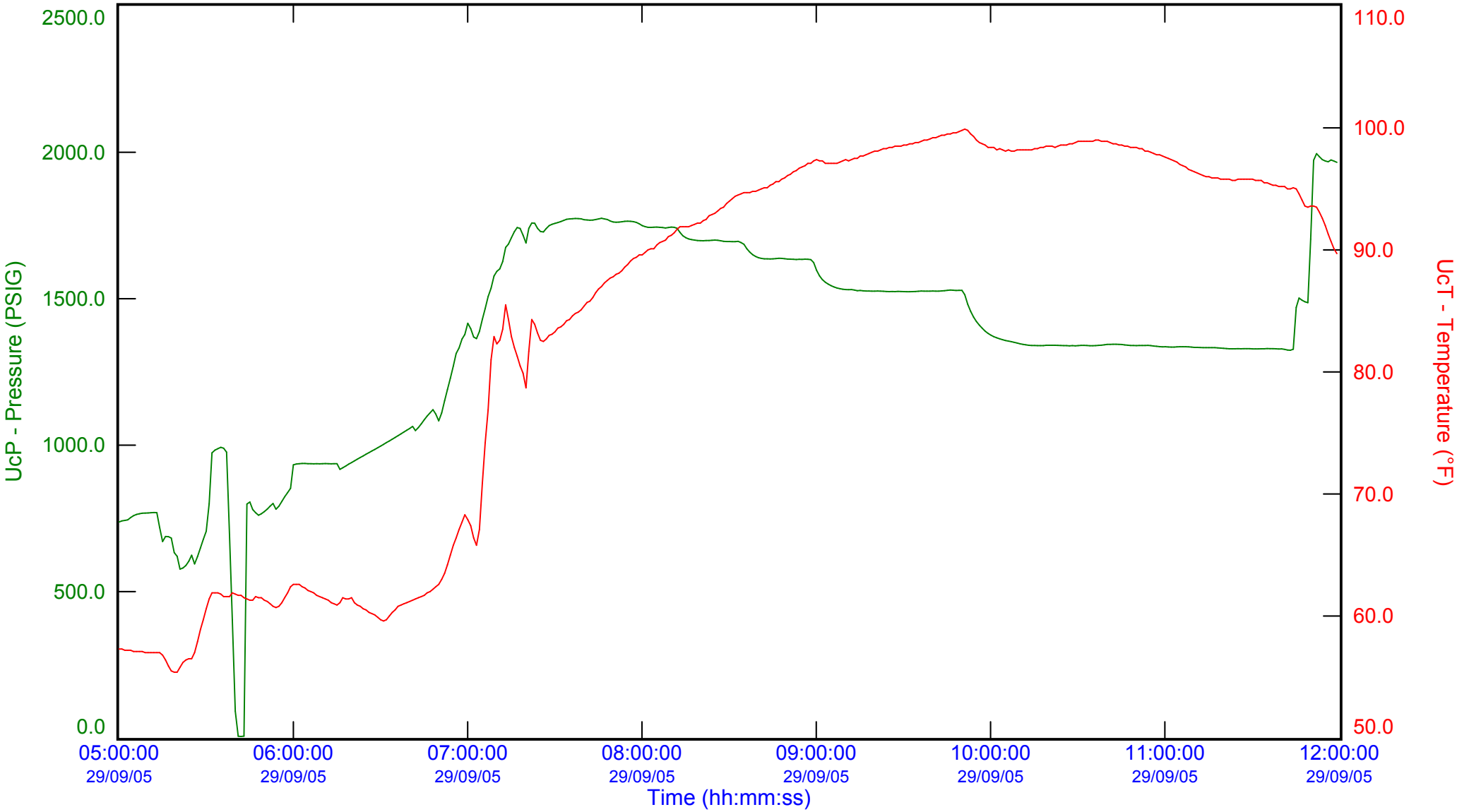

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Edge Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		

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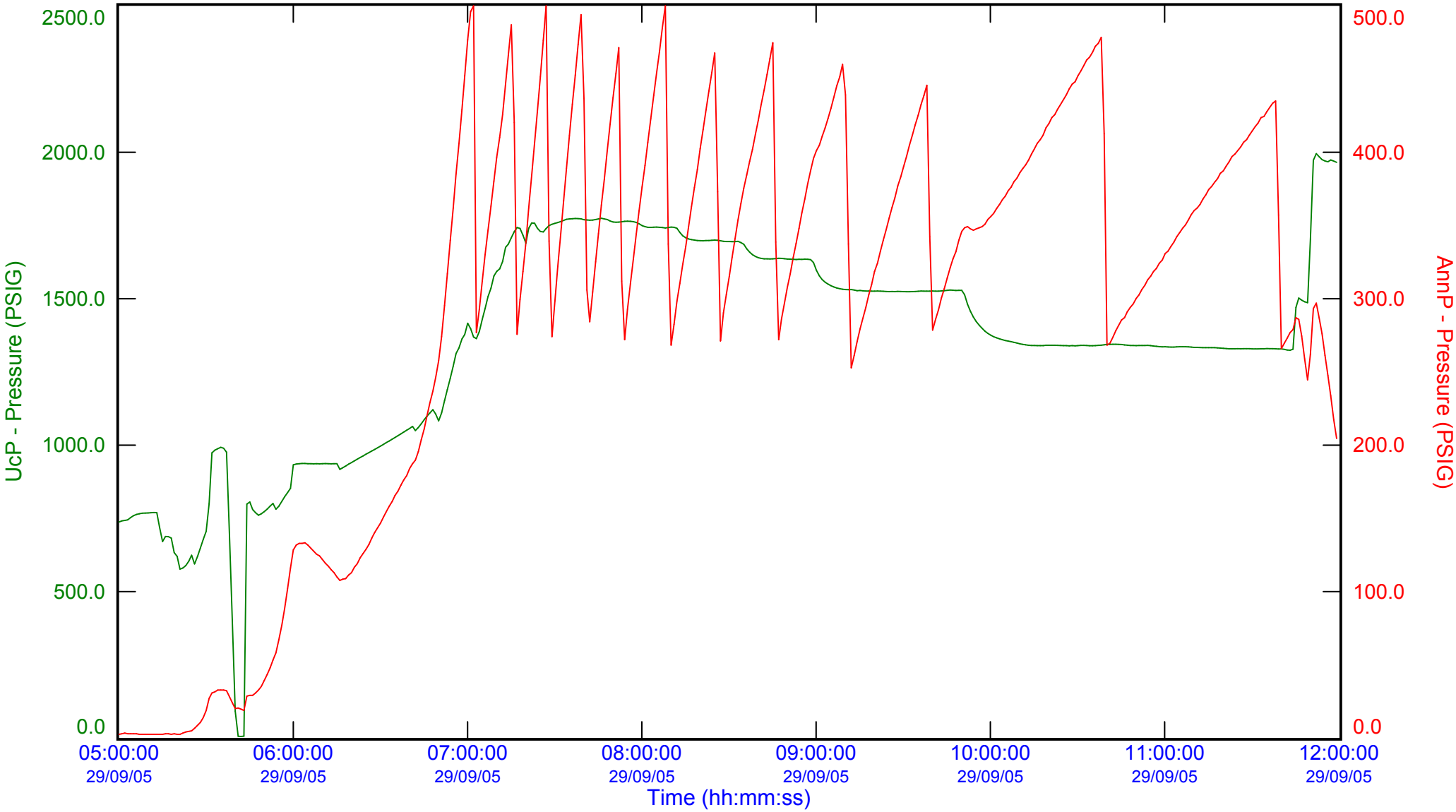

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Lower Zone
Location	Ocean Patriot 186		

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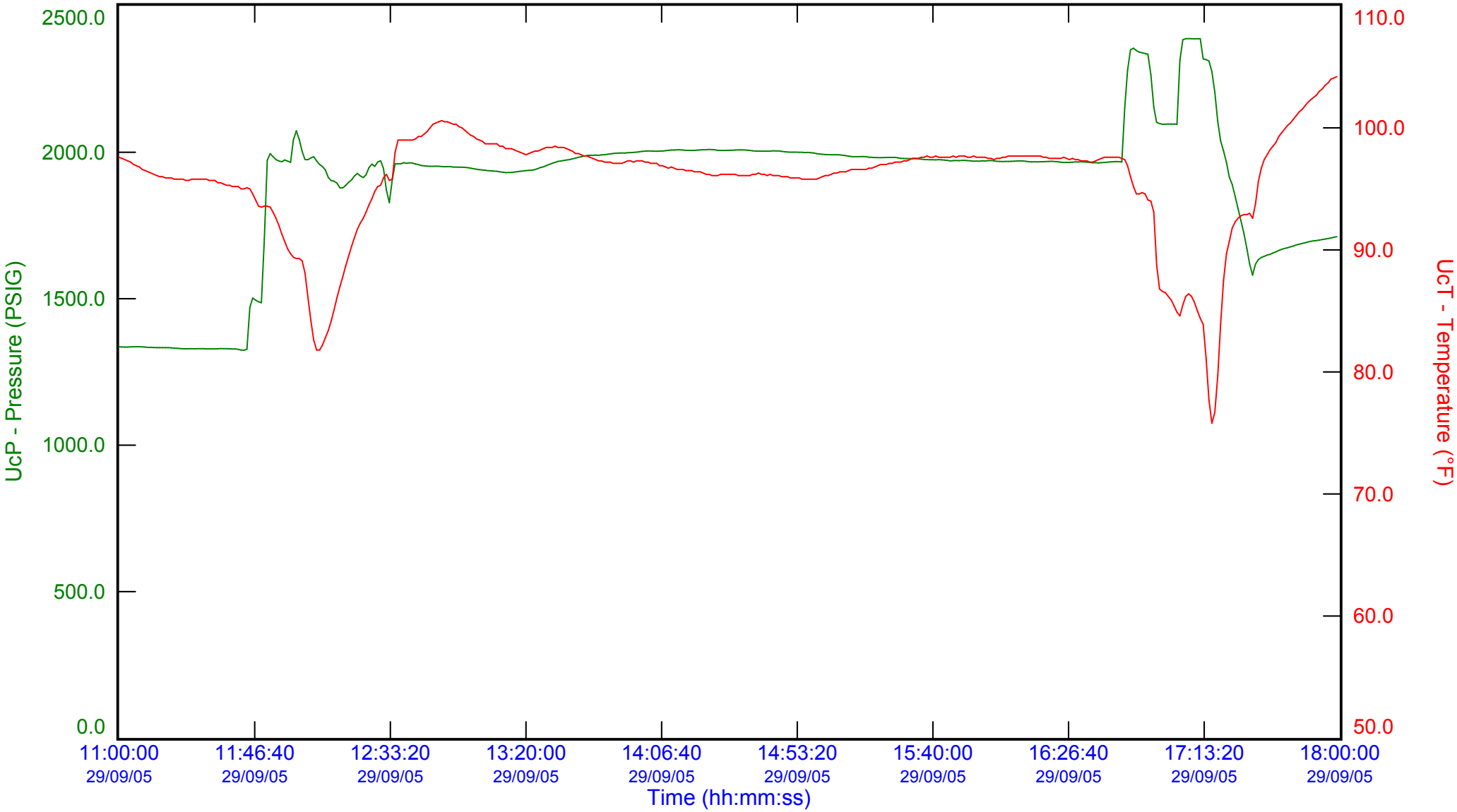

Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead plot, Lower Zone
Location	Ocean Patriot 186		

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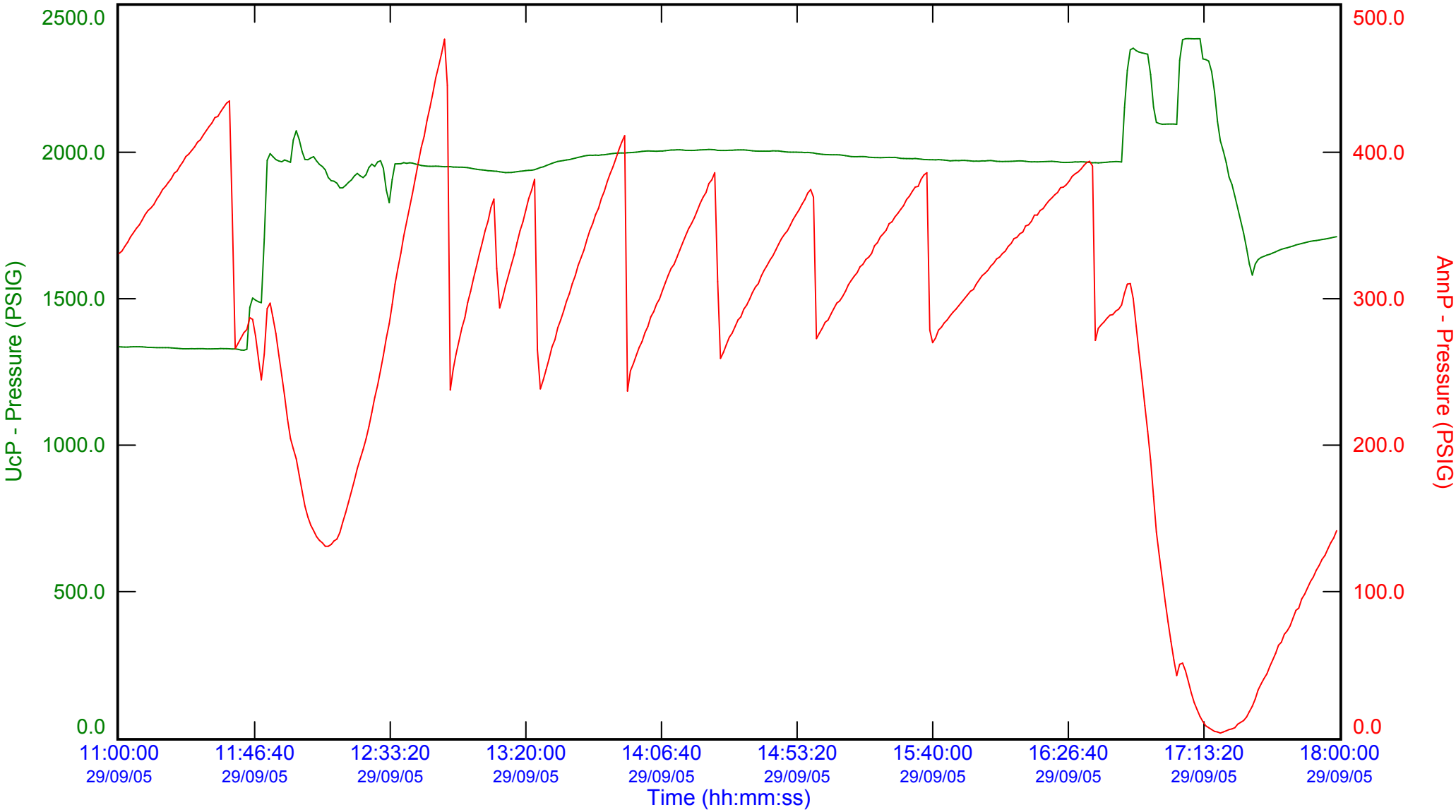
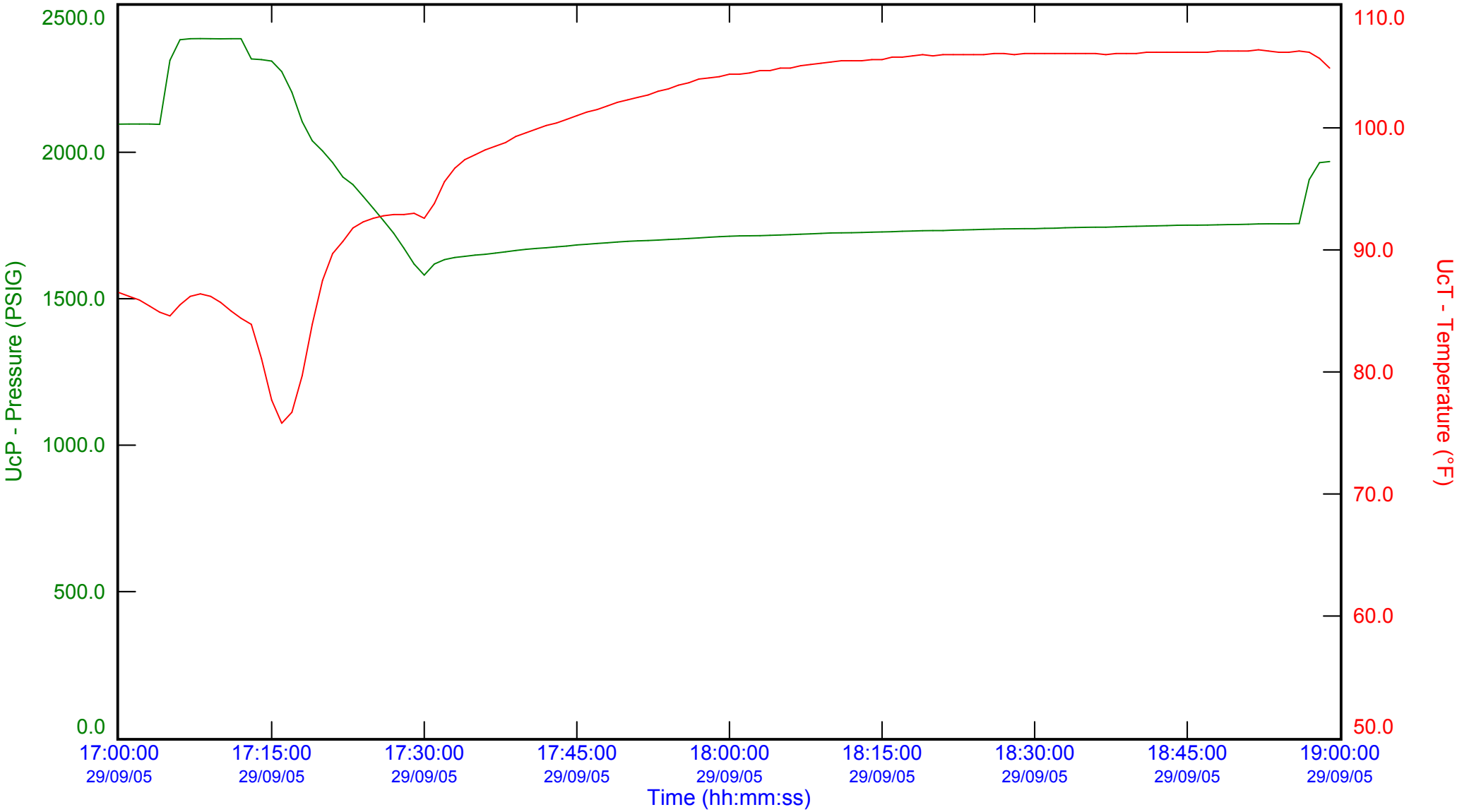


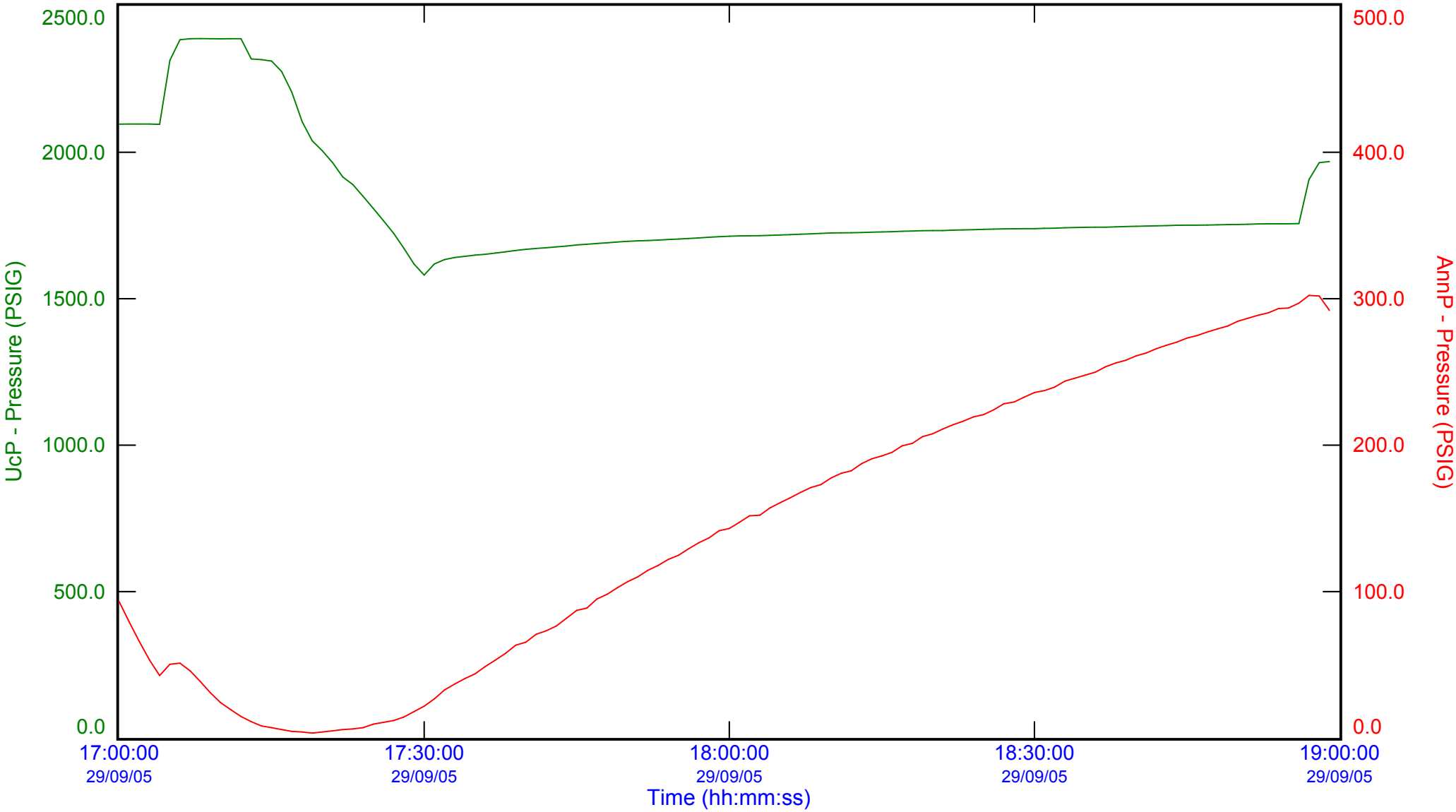
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Data, Upper Zone
Location	Ocean Patriot 186		Re-test

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	EDGE Data
Test No.	Completion		Wellhead Plot, Upper Zone
Location	Ocean Patriot 186		Re-test

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
22/09/05						
08:00:00	Commenced pressure testing welltest package as per programme.					
16:00:00	Completed pressure testing welltest package as per programme.					
27/09/05						
10:40:00	Commenced function testing ESD system witnessed by Completion Engineer.					
11:00:00	Completed function testing ESD system witnessed by Completion Engineer.					
23:00:00	Rig power output to lab tripped, power lost.					
23:15:00	Restored power to lab.					
28/09/05						
00:00:00	0	0.0	57.1	0.9	56.9	0.0
00:15:00	Held JSA prior to picking up of 7 3/8" flowhead / stiff joint assembly.					
00:15:00	0	0.0	57.2	1.4	56.8	0.0
00:30:00	0	0.0	57.1	0.9	56.7	0.0
00:45:00	0	0.0	57.0	0.7	56.7	0.0
01:00:00	0	0.0	56.9	1.4	56.7	0.0
01:10:00	Commenced picking up of 7 3/8" flowhead/stiff joint assembly.					
01:15:00	0	0.0	56.9	0.7	56.6	0.0
01:30:00	Stiff Joint damaged during picking up of 7 3/8" flowhead / stiff joint assembly.					
01:30:00	0	0.0	56.8	0.9	56.6	0.0
01:40:00	Lowered 7 3/8" flowhead/stiff joint assembly back to main deck.					
01:45:00	Commenced changing out damaged stiff joint.					
01:45:00	0	0.0	56.9	0.9	56.6	0.0
02:00:00	0	0.0	56.9	0.9	56.7	0.0
02:15:00	0	0.0	56.9	1.4	56.7	0.0
02:30:00	0	0.0	57.0	0.9	56.7	0.0
02:40:00	Completed changing out damaged stiff joint.					
02:45:00	0	0.0	57.0	0.7	56.6	0.0
03:00:00	0	0.0	56.8	0.7	56.6	0.0
03:15:00	0	0.0	56.8	1.2	56.7	0.0
03:20:00	Commenced picking up of 7 3/8" flowhead / stiff joint assembly.					
03:30:00	0	0.0	56.9	0.9	56.6	0.0
03:45:00	0	0.0	56.8	0.7	56.6	0.0
04:00:00	0	0.0	56.8	0.9	56.6	0.0
04:15:00	0	0.0	56.7	0.9	56.5	0.0
04:30:00	0	0.0	56.8	0.9	56.6	0.0
04:45:00	0	0.0	56.8	0.9	56.5	0.0
05:00:00	0	0.0	56.7	0.9	56.5	0.0
05:15:00	0	0.0	56.7	1.2	56.5	0.0
05:30:00	0	0.0	56.7	0.7	56.5	0.0
05:45:00	0	0.0	56.8	0.9	56.6	0.0
06:00:00	0	0.0	56.9	0.9	56.6	0.0
06:15:00	0	0.0	57.0	0.7	56.7	0.0
06:20:00	Connected flow and kill line coflexip hoses to 7 3/8" flowhead.					
06:30:00	0	0.0	57.2	0.9	56.9	0.0
06:45:00	0	0.0	57.6	0.9	57.3	0.0
07:00:00	0	0.0	57.7	0.9	57.4	0.0
07:15:00	0	0.0	57.7	0.9	57.4	0.0
07:20:00	Completed rigging up flowhead.					
07:30:00	0	0.0	57.8	0.9	57.5	0.0
07:35:00	Commenced flushing surface line to starboard gas line with sea water.					
07:45:00	0	0.0	58.1	0.9	57.7	0.0

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
28/09/05							
07:51:00	Completed flushing surface line to starboard gas line with sea water.						
07:52:00	Closed choke manifold.						
07:57:00	Commenced pressure testing surface lines against 7 3/8" flowhead and choke manifold inlet valve to 500 / 5000 psi.						
08:00:00	0	450.5	59.5	1.2	60.3	0.0	
08:15:00	0	4994.2	60.2	1.2	60.3	0.0	
08:27:00	Good test. Bled off pressure via choke manifold to surge tank.						
08:30:00	Recovered 1.5 bbls in surge tank. Closed choke manifold.						
08:30:00	0	0.0	59.9	0.7	60.8	0.0	
08:35:00	Commenced moving rig over the well position.						
08:45:00	0	0.8	60.1	1.2	60.6	0.1	
09:00:00	0	0.0	60.3	1.2	60.7	0.0	
09:15:00	0	0.0	60.6	1.2	60.8	0.0	
09:30:00	0	0.0	61.6	1.2	60.8	0.1	
09:45:00	0	0.0	62.7	1.2	61.0	0.0	
09:50:00	Rig back over the well and re-tension guidelines.						
10:00:00	Continued running in with SST as per programme.						
10:00:00	0	0.0	63.9	0.7	61.3	0.0	
10:15:00	0	0.0	64.9	1.4	61.5	0.1	
10:20:00	Opened choke manifold.						
10:30:00	Landed and latched SST onto wellhead.						
10:30:00	0	0.0	65.8	1.4	61.9	0.1	
10:45:00	0	1.9	66.3	1.4	63.1	0.1	
11:00:00	Commenced pressure testing SST as per Cameron's programme.						
11:00:00	0	0.2	67.1	1.2	63.8	0.0	
11:15:00	0	0.0	67.4	1.4	65.1	0.0	
11:20:00	Made up crossover on top Expro flowhead to slickline lubricator.						
11:30:00	0	0.6	67.7	1.8	65.3	3.0	
11:45:00	0	1.4	68.2	1.6	65.5	2.6	
12:00:00	0	1.4	66.7	1.6	65.1	3.0	
12:15:00	0	0.0	67.2	1.6	65.9	2.6	
12:30:00	Completed pressure testing SST as per Cameron's programme.						
12:30:00	0	0.6	67.0	1.6	65.9	3.4	
12:40:00	Commenced flushing surface line to starboard gas line with sea water.						
12:45:00	0	3.3	67.2	1.2	67.1	3.0	
12:47:00	Closed choke manifold.						
12:49:00	Commenced pressure testing completion riser and surface lines against 7 3/8" flowhead and choke manifold inlet valve to 500 / 5000 psi.						
13:00:00	0	2015.5	65.2	1.2	65.9	3.0	
13:15:00	0	5017.4	66.5	1.4	66.0	3.4	
13:25:00	Good test. Bled off pressure via choke manifold to surge tank.						
13:27:00	Recovered 2.8 bbls in surge tank.						
13:30:00	0	7.4	64.4	1.6	65.5	3.0	
13:32:00	Closed master valve on flowhead and closed choke manifold.						
13:40:00	Held JSA prior to rigging up Expro slickline BOPs and lubricator onto top of flowhead.						
13:45:00	Commenced rigging up Expro slickline BOPs and lubricator onto top of flowhead.						
13:45:00	0	7.8	64.6	1.8	64.9	3.4	
14:00:00	0	7.0	64.7	1.4	64.7	3.0	
14:15:00	0	7.2	64.5	1.6	64.4	3.0	
14:30:00	0	6.6	64.1	1.4	64.0	3.4	
14:45:00	0	7.0	63.8	1.4	63.7	3.4	
14:54:00	Stabbed Expro slickline lubricator onto flowhead.						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
28/09/05							
15:00:00	0	6.6	63.5	1.4	63.4	3.0	
15:15:00	0	6.8	63.2	1.4	63.3	3.4	
15:30:00	Opened swab and closed flow wing valves on flowhead.						
15:30:00	0	6.4	62.9	1.2	62.9	3.0	
15:45:00	0	5.7	62.7	1.4	62.9	3.4	
15:46:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.						
16:00:00	0	5.7	62.8	1.4	63.0	3.4	
16:10:00	Observed leak at needle valve on lubricator. Bled off pressure.						
16:13:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.						
16:15:00	0	6.2	62.7	1.4	63.0	3.0	
16:30:00	0	5.9	62.7	1.4	63.0	3.4	
16:32:00	Good test. Bled off pressure.						
16:40:00	Problem with Cameron SST, standby.						
16:45:00	0	6.2	62.6	1.2	62.8	3.0	
17:00:00	0	5.9	62.5	1.4	62.7	3.4	
17:15:00	0	5.9	62.3	1.2	62.6	2.2	
17:30:00	0	6.2	62.1	1.2	62.3	3.0	
17:45:00	0	5.5	62.2	1.4	62.3	3.4	
18:00:00	0	6.4	62.0	1.4	62.0	3.4	
18:15:00	0	5.9	61.9	1.2	62.0	3.0	
18:30:00	0	6.2	61.7	1.2	61.9	3.0	
18:45:00	0	5.7	61.1	0.9	61.5	2.2	
19:00:00	Commenced function testing and timing valves on SST.						
19:00:00	0	5.5	61.2	0.9	61.4	2.6	
19:15:00	0	4.9	61.3	0.9	61.5	4.2	
19:30:00	0	5.5	61.4	1.4	61.6	3.8	
19:34:00	Completed function testing and timing valves on SST.						
19:37:00	Opened master valve on flowhead.						
19:45:00	0	5.9	61.0	1.4	61.5	4.2	
19:47:00	Commenced circulating completion riser to inhibited filtered 8.9 ppg brine via AXOV on SST.						
19:54:00	Completed circulating completion riser to inhibited filtered 8.9 ppg brine via AXOV on SST.						
19:57:00	Closed production wing valve on SST.						
19:57:00	Closed x-over, annulus wing and annulus access valves on SST.						
19:58:00	Opened production master valve on SST.						
20:00:00	Shut kill wing valve on flowhead.						
20:00:00	0	5.9	60.7	1.4	61.3	7.1	
20:02:00	Opened flow wing valve on flowhead.						
20:15:00	Expro slickline commenced RIH with 4" SB pulling tool to retrieve ARH prong.						
20:15:00	0	5.7	60.4	0.7	61.1	6.7	
20:24:00	Expro slickline latched ARH prong at depth 169.5m wireline RKB, commenced POOH.						
20:27:00	Expro slickline at surface with ARH prong.						
20:30:00	Closed swab valve on flowhead.						
20:30:00	0	5.9	60.1	0.9	60.9	7.1	
20:33:00	Broke out Expro lubricator and changed slickline toolstring to 4" GS pulling tool.						
20:40:00	Stabbed Expro slickline lubricator onto flowhead.						
20:45:00	Opened swab valve on flowhead.						
20:45:00	0	5.7	59.6	0.9	60.3	6.7	
20:46:00	Expro slickline commenced RIH with 4" GS pulling tool to retrieve ARH plug.						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
28/09/05							
20:50:00	Expro slickline latched ARH plug at depth 169.5m wireline RKB, commenced jarring to pull plug.						
21:00:00		0	4.9	59.5	0.7	60.0	6.3
21:02:00	Expro slickline pulled ARH plug, commenced POOH.						
21:06:00	Expro slickline at surface with ARH plug.						
21:08:00	Closed swab valve on flowhead.						
21:09:00	Broke out Expro lubricator and changed slickline toolstring to tandem shifting tool assembly.						
21:15:00		0	4.9	59.7	0.9	60.0	7.1
21:25:00	Opened swab valve on flowhead.						
21:25:00	Closed master valve on flowhead.						
21:29:00	Opened kill wing valve on flowhead.						
21:30:00		0	5.5	60.0	0.9	60.1	6.3
21:35:00	Commenced pressure testing Expro wireline lubricator and BOPs against master and flow wing valves to 500 / 5000 psi.						
21:45:00		0	4987.3	61.3	0.9	60.2	7.1
21:55:00	Commenced function testing ESD station next to choke manifold shutting flow wing valve on flowhead.						
22:00:00		0	4565.6	61.3	0.9	60.4	6.7
22:11:00	Opened flow wing valve on flowhead.						
22:11:00	Bled off pressure at choke manifold. Closed choke manifold.						
22:15:00		0	4.3	61.2	1.4	60.9	6.7
22:18:00	Closed kill wing valve on flowhead.						
22:18:00	Opened master valve on flowhead.						
22:18:00	Opened SSSV.						
22:21:00	Expro slickline commenced RIH with tandem shifting tool assembly to open and close XD SSD.						
22:30:00		0	8.4	61.3	1.4	61.1	7.1
22:45:00		0	10.0	61.2	1.4	61.0	7.1
22:58:00	Commenced priming PPD injection system and flushing the 3/4" injection line with PPD down to SST.						
23:00:00		0	12.9	60.6	1.2	60.9	7.1
23:04:00	Expro slickline commenced opening XD SSD at 2960.5m wireline RKB.						
23:10:00	Expro slickline completed opening XD SSD at 2960.5m wireline RKB.						
23:15:00		0	20.1	60.3	0.9	60.9	6.7
23:17:00	Completed priming PPD injection system and flushing the 3/4" injection line with PPD down to SST.						
23:22:00	Held JSA prior to pumping diesel into completion riser and tubing to form diesel cushion.						
23:30:00		0	19.6	60.5	1.4	60.8	6.7
23:45:00		0	20.1	60.6	1.4	60.8	6.7
23:50:00	Opened kill wing valve on flowhead.						
23:51:00	Opened annulus access valve on SST						
23:52:00	Opened annulus master valve on SST						
29/09/05							
00:00:00		0	15.4	60.8	1.4	60.8	5.8
00:01:00		0	15.4	60.8	1.4	60.8	6.7
00:05:00		0	15.6	60.8	0.9	60.8	6.7
00:10:00		0	20.1	60.9	1.4	60.9	6.7
00:14:00	Commenced pumping diesel into competion riser and tubing to form diesel cushion.						
00:15:00		0	14.1	60.9	1.4	60.9	6.7

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
00:20:00	0	14.3	61.0	1.4	60.8	6.7	
00:22:00	Stopped pumping diesel into completion riser and tubing.						
00:25:00	0	14.3	60.9	0.9	60.8	6.3	
00:28:00	Recommenced pumping diesel into completion riser and tubing.						
00:28:00	Diesel pump rate set at 1.5 bbl per minute.						
00:30:00	0	48.3	60.9	1.2	60.7	6.3	
00:35:00	0	137.8	60.9	0.9	60.7	8.3	
00:40:00	0	179.5	60.9	0.9	60.7	7.5	
00:45:00	0	229.2	61.0	0.9	60.7	7.5	
00:50:00	0	286.2	60.9	0.9	60.7	7.5	
00:53:00	Diesel pump rate set at 1.6 bbl per minute.						
00:55:00	0	334.1	60.9	1.4	60.7	7.9	
01:00:00	Commenced supplying steam to heat exchangers.						
01:00:00	0	386.2	60.9	0.9	60.7	7.9	
01:05:00	0	435.5	60.9	0.9	60.6	7.9	
01:08:00	Stopped pumping diesel into completion riser and tubing.						
01:10:00	Recommenced pumping diesel into completion riser and tubing.						
01:10:00	0	390.3	60.9	1.4	60.6	6.7	
01:15:00	0	518.0	60.9	1.4	60.6	7.5	
01:20:00	0	572.8	60.9	0.9	60.8	7.9	
01:22:00	Stopped pumping diesel into completion riser and tubing.						
01:24:00	Recommenced pumping diesel into completion riser and tubing.						
01:25:00	0	608.0	60.8	0.9	60.7	8.3	
01:30:00	0	658.7	60.8	1.4	60.5	7.9	
01:35:00	0	713.7	60.7	1.2	60.3	8.3	
01:40:00	0	768.5	60.6	0.9	60.3	8.3	
01:45:00	0	825.7	60.6	1.2	60.3	8.3	
01:50:00	0	882.1	60.5	0.9	60.5	8.3	
01:55:00	0	940.4	60.4	1.2	60.5	8.3	
02:00:00	Completed pumping 150 bbls diesel into completion riser and tubin.						
02:00:00	0	980.1	60.3	1.2	60.3	7.5	
02:05:00	0	952.1	60.2	1.4	60.2	6.7	
02:10:00	Expro slickline commenced closing XD SSD at 2960.5m wireline RKB.						
02:10:00	0	946.1	60.1	0.9	60.0	6.3	
02:14:00	Closed kill wing valve on flowhead.						
02:15:00	0	948.2	59.9	0.9	59.6	6.7	
02:20:00	0	953.5	59.7	1.2	59.4	6.7	
02:25:00	0	954.3	59.6	1.2	59.2	6.7	
02:30:00	Expro slickline completed closing XD SSD at 2960.5m wireline RKB, commenced POOH.						
02:30:00	0	968.0	59.5	0.9	59.1	6.7	
02:35:00	0	967.8	59.4	1.2	58.8	6.7	
02:40:00	0	947.6	59.2	1.2	58.5	6.7	
02:45:00	0	917.5	59.0	0.9	58.4	5.8	
02:50:00	0	879.3	58.8	1.2	58.2	5.8	
02:55:00	0	846.6	58.6	1.2	58.0	5.8	
03:00:00	Expro slickline at surface with tandem shifting tool assembly.						
03:00:00	0	828.8	58.4	0.9	57.8	5.8	
03:05:00	0	827.3	58.2	1.2	57.5	5.8	
03:07:00	Closed swab valve on flowhead.						
03:10:00	0	831.2	58.0	0.9	57.3	5.4	
03:15:00	0	824.3	57.8	0.7	57.2	5.8	

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
03:20:00	0	822.4	57.7	1.4	57.0	5.8	
03:24:00	Opened lo-torque valve.						
03:25:00	0	822.8	57.5	0.9	56.9	5.4	
03:30:00	Broke out Expro lubricator and checked pins in tandem shifting tool assembly.						
03:30:00	0	816.9	57.4	0.9	56.8	5.8	
03:35:00	0	813.9	57.2	0.9	56.7	5.4	
03:40:00	Opened kill wing valve on flowhead.						
03:40:00	0	811.2	57.1	1.2	56.6	5.8	
03:45:00	0	809.6	57.0	1.2	56.6	5.4	
03:46:00	Commenced pressure testing against completion string and closed XD SSD to 300 / 3000 psi.						
03:50:00	0	803.8	56.8	1.2	56.4	6.3	
03:55:00	0	939.6	56.7	1.2	56.2	5.8	
04:00:00	0	2030.6	56.7	1.2	56.2	6.3	
04:05:00	0	2981.8	57.0	0.9	56.0	5.8	
04:10:00	0	2940.3	56.9	0.9	56.1	5.4	
04:14:00	Lit ignition pilot on flare boom.						
04:15:00	0	2915.8	56.9	0.9	56.0	5.4	
04:20:00	0	2901.5	56.8	1.2	56.0	5.4	
04:21:00	Good test. Bled down pressure to 850 psi via choke manifold to surge tank.						
04:23:00	Closed choke manifold.						
04:25:00	Held JSA prior to flowing well.						
04:25:00	0	885.4	56.7	1.2	169.6	6.3	
04:30:00	0	970.0	56.5	0.0	145.5	5.0	
04:35:00	0	1007.2	57.5	0.3	129.1	6.3	
04:40:00	0	1028.3	58.1	0.0	122.0	5.8	
04:45:00	0	1041.0	58.3	0.1	116.4	6.3	
04:50:00	0	1047.3	58.3	0.1	111.2	3.8	
04:55:00	Bled down pressure to 750 psi via choke manifold to surge tank.						
04:55:00	0	1049.6	58.1	0.5	108.8	3.4	
04:56:00	Closed kill wing valve on flowhead.						
04:57:00	Recovered 9 bbls at surge tank.						
05:00:00	0	738.0	57.3	0.1	123.7	2.6	
05:03:00	Opened (LV) lubricator valve.						
05:05:00	0	759.5	57.1	0.1	120.6	3.0	
05:10:00	0	768.9	57.0	0.7	115.2	2.6	
05:13:00	Opened well (Upper Group) on 16/64" adjustable choke to surge tank to recover 30 bbls.						
05:14:00	Gradually increased adjustable choke to 20/64".						
05:15:00	Initial tank level at 4.5 bbls.						
05:15:00	20	671.2	56.8	0.5	118.1	2.6	
05:18:00	Gradually increased adjustable choke to 24/64".						
05:20:00	2.5 bbls returned.						
05:20:00	24	620.7	55.4	0.0	174.8	2.6	
05:24:00	Gradually increased adjustable choke to 28/64".						
05:25:00	10.5 bbls returned.						
05:25:00	28	624.6	56.5	0.0	132.0	5.0	
05:30:00	30 bbls recovered. Shut well in at choke manifold.						
05:30:00	0	706.3	60.6	0.5	95.8	18.9	
05:35:00	Closed lubricator valve.						
05:35:00	0	992.7	61.8	0.9	87.9	32.8	
05:37:00	Bled off well head pressure.						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
29/09/05						
05:40:00	0	92.2	61.8	1.2	88.4	20.2
05:41:00	Closed choke manifold					
05:43:00	Opened interval control valve (ICV).					
05:45:00	Opened well on 16/64" adjustable choke to general purpose tank.					
05:45:00	16	806.1	61.3	0.9	87.8	29.2
05:46:00	Downstream choke pressure sensor isolated, JIC hose plugged up.					
05:46:00	Gradually increased adjustable choke to 20/64".					
05:46:00	20	780.7	61.3	0.9	87.8	29.2
05:47:00	20	769.3	61.6	0.9	87.8	30.8
05:48:00	20	761.1	61.5	1.4	88.5	32.8
05:49:00	20	766.2	61.5	1.4	88.7	35.3
05:50:00	20	773.2	61.3	1.4	88.3	39.4
05:51:00	20	781.8	61.2	1.4	87.4	43.5
05:52:00	20	792.2	61.0	1.2	86.2	48.0
05:53:00	Gradually increased adjustable choke to 24/64".					
05:53:00	24	801.0	60.8	1.4	84.9	53.3
05:54:00	24	781.6	60.7	0.9	83.5	58.2
05:55:00	47.5 bbls recovered.					
05:55:00	Shut well in at choke manifold due to steam delivery issue.					
05:55:00	0	792.0	60.8	1.4	81.9	67.2
05:56:00	0	808.1	61.1	0.9	80.2	77.0
05:57:00	0	823.9	61.5	1.4	78.7	88.4
05:58:00	0	838.0	61.9	1.2	77.3	101.9
05:59:00	0	852.9	62.4	1.2	76.1	116.2
06:00:00	Shut off boilers to resolve steam delivery issues.					
06:00:00	0	933.2	62.6	1.4	75.1	128.5
06:01:00	0	935.9	62.6	1.2	74.6	131.8
06:02:00	0	936.9	62.6	0.9	74.5	133.0
06:03:00	0	937.5	62.4	1.2	74.5	133.0
06:04:00	0	937.5	62.3	1.2	74.6	133.4
06:05:00	0	937.1	62.1	0.9	74.7	131.8
06:06:00	0	936.9	62.0	0.9	74.7	129.7
06:07:00	0	936.7	61.9	1.4	74.7	127.7
06:08:00	0	936.9	61.7	0.9	74.7	125.6
06:09:00	0	936.7	61.6	0.9	74.6	124.4
06:10:00	0	936.9	61.5	1.2	74.5	122.0
06:11:00	Steam delivery back online.					
06:11:00	0	937.3	61.4	1.2	74.5	119.5
06:12:00	0	937.1	61.3	1.2	74.4	117.5
06:13:00	0	936.7	61.1	0.7	74.4	115.0
06:14:00	0	936.9	61.0	0.9	74.2	113.0
06:15:00	Opened well on 16/64" adjustable choke to surge tank.					
06:15:00	16	937.1	60.9	1.4	73.7	110.1
06:16:00	16	917.7	61.1	0.9	73.3	107.7
06:17:00	16	923.0	61.5	1.2	73.4	108.5
06:18:00	16	928.7	61.4	1.2	74.5	108.9
06:19:00	16	935.5	61.4	1.4	75.8	111.3
06:20:00	16	940.8	61.5	0.9	77.2	113.0
06:21:00	16	946.5	61.1	1.2	78.5	116.6
06:22:00	16	952.3	60.9	1.4	79.9	119.1
06:23:00	16	958.0	60.8	1.6	81.3	123.2
06:24:00	16	963.7	60.6	1.4	82.5	126.1

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
29/09/05						
06:25:00	16	969.2	60.5	1.2	83.5	128.9
06:26:00	16	974.7	60.3	1.6	84.5	132.2
06:27:00	16	980.7	60.2	1.4	85.2	136.7
06:28:00	16	985.6	60.1	1.2	85.9	140.4
06:29:00	16	991.3	59.9	0.7	86.4	143.6
06:30:00	Steam boilers running at full capacity.					
06:30:00	16	997.0	59.7	0.9	87.0	146.9
06:31:00	16	1002.8	59.6	0.9	87.5	151.0
06:32:00	16	1009.1	59.7	1.2	88.0	154.7
06:33:00	Repaired JIC hose on downstream choke. Downstream choke pressure back online.					
06:33:00	16	1014.6	60.0	15.5	88.3	158.4
06:34:00	16	1020.5	60.3	15.9	88.6	161.6
06:35:00	16	1026.3	60.5	16.5	88.8	165.7
06:36:00	16	1032.6	60.8	16.7	89.1	168.6
06:37:00	16	1038.9	60.9	17.3	89.3	172.7
06:38:00	16	1044.9	61.0	17.3	89.6	176.3
06:39:00	16	1051.0	61.1	17.1	89.9	179.2
06:40:00	16	1057.1	61.2	17.1	90.0	184.1
06:41:00	Gradually increased adjustable choke to 20/64".					
06:41:00	20	1064.3	61.3	17.5	90.1	187.4
06:42:00	20	1049.8	61.4	29.4	90.2	189.8
06:43:00	20	1060.4	61.5	31.2	90.6	195.6
06:44:00	20	1073.1	61.6	31.8	90.4	203.7
06:45:00	20	1087.0	61.7	30.0	89.6	211.1
06:46:00	20	1099.4	61.9	29.4	88.5	220.1
06:47:00	Diverted flow to port flare boom.					
06:47:00	20	1110.5	62.0	28.7	87.3	229.1
06:48:00	Gradually increased adjustable choke to 28/64".					
06:48:00	28	1121.5	62.2	32.4	86.2	236.9
06:49:00	28	1106.4	62.4	81.9	85.2	246.3
06:50:00	28	1083.1	62.6	154.7	84.1	257.7
06:51:00	28	1110.1	63.0	152.8	82.4	274.1
06:52:00	28	1152.0	63.5	151.4	80.5	295.3
06:53:00	Opened CIV. Commenced chemical injection at 660 cc/min at SST.					
06:53:00	28	1190.0	64.2	155.7	78.9	317.0
06:54:00	28	1228.8	65.0	157.5	77.7	339.9
06:55:00	28	1270.4	65.8	162.2	76.8	362.0
06:56:00	Gradually increased adjustable choke to 32/64".					
06:56:00	32	1312.9	66.4	169.4	76.1	385.3
06:57:00	32	1332.3	67.1	225.4	75.5	406.1
06:58:00	32	1362.3	67.7	235.0	74.9	429.0
06:59:00	Brine at surface.					
06:59:00	32	1378.3	68.3	235.2	74.7	452.3
07:00:00	32	1416.5	67.9	429.4	74.9	476.9
07:01:00	32	1397.9	67.4	533.5	75.0	496.1
07:02:00	Gradually increased adjustable choke to 36/64". Bled down annulus pressure to +/- 250 psi.					
07:02:00	36	1369.5	66.4	424.3	75.0	502.2
07:03:00	36	1364.0	65.8	471.3	75.1	276.9
07:04:00	36	1388.3	67.1	490.4	75.0	292.9
07:05:00	36	1430.0	70.9	484.2	75.1	312.1
07:06:00	36	1466.8	74.2	524.7	75.5	330.1

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
29/09/05						
07:07:00	36	1507.5	76.9	509.2	76.3	346.8
07:08:00	Traces of oil at surface.					
07:08:00	36	1535.9	81.0	633.9	77.2	363.2
07:09:00	36	1577.8	82.9	574.0	78.3	380.4
07:10:00	Gradually increased adjustable choke to 40/64".					
07:10:00	40	1593.4	82.3	628.1	79.3	396.7
07:11:00	40	1601.9	82.6	745.5	79.9	410.2
07:12:00	40	1627.1	83.5	807.6	80.4	425.7
07:13:00	40	1675.3	85.5	867.7	81.0	446.6
07:14:00	40	1687.0	84.3	836.9	82.5	466.6
07:15:00	40	1708.7	82.9	835.4	83.5	487.1
07:16:00	Bled down annulus pressure to +/- 250 psi.					
07:16:00	40	1729.1	82.0	844.0	83.6	420.4
07:17:00	40	1743.2	81.3	836.9	83.2	275.7
07:18:00	Gradually increased adjustable choke to 44/64".					
07:18:00	44	1740.3	80.5	828.9	82.6	299.4
07:19:00	44	1717.0	79.9	963.8	81.9	318.6
07:20:00	Unable to take samples at choke manifold due to thick heavy foam.					
07:20:00	44	1690.3	78.7	906.8	80.9	338.3
07:21:00	44	1740.5	81.7	967.3	80.5	362.0
07:22:00	44	1758.7	84.3	1017.2	81.4	384.0
07:23:00	Gradually increased adjustable choke to 48/64".					
07:23:00	48	1757.9	83.9	1013.7	82.0	406.5
07:24:00	Still unable to take samples at choke manifold due to thick heavy foam.					
07:24:00	48	1740.5	83.2	1130.8	82.2	428.2
07:25:00	48	1729.7	82.6	1135.5	82.2	451.5
07:26:00	Diverted flow through 48/64" fixed choke.					
07:26:00	48	1728.1	82.5	1133.7	82.2	476.5
07:28:00	Bled down annulus pressure to +/- 250 psi.					
07:30:00	Flare exstinguished momentarily, flare relit.					
07:30:00	48	1757.5	83.3	1069.3	82.4	298.6
07:35:00	48	1772.6	84.3	1077.9	82.8	411.4
07:39:00	Bled down annulus pressure to +/- 250 psi.					
07:40:00	48	1770.0	85.4	1078.5	84.3	436.8
07:45:00	48	1772.6	86.8	1073.0	83.4	344.4
07:50:00	48	1762.0	87.8	1067.1	83.4	437.2
07:52:00	Bled down annulus pressure to +/- 250 psi.					
07:55:00	48	1764.7	88.8	1065.4	83.6	292.9
08:00:00	SG of produced oil 0.838 at 60 degF. 30 minutes of heating required to obtain sample.					
08:00:00	48	1749.9	89.6	1058.9	83.7	376.3
08:05:00	48	1744.6	90.4	1053.2	83.2	454.4
08:08:00	Bled down annulus pressure to +/- 250 psi.					
08:10:00	48	1744.6	91.2	1052.7	82.8	268.3
08:13:00	Increased chemical injection rate at 1100 cc/min.					
08:15:00	48	1708.7	91.9	1030.5	82.8	335.4
08:20:00	48	1698.4	92.2	1026.8	82.8	402.4
08:25:00	Diverted flow through separator, separator gas pressure sensor isolated.					
08:25:00	48	1700.3	93.0	1024.9	83.3	467.9
08:26:00	Bled down annulus pressure to +/- 250 psi.					
08:30:00	48	1695.6	94.0	971.0	83.6	315.4
08:34:00	Opened valve to separator gas pressure sensor.					

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
08:35:00	48	1686.0	94.7	946.6	83.9	375.5	
08:38:00	Established oil level in separator. Diverted flow to 3" oil meter.						
08:40:00	48	1640.4	94.9	923.3	84.3	422.1	
08:44:00	Intalled 2.75" orifice plate into gas meter run.						
08:45:00	SG of produced gas 0.832. BS&W showed 100% oil and trace of water. Bled down annulus pressure to +/- 250 psi.						
08:45:00	Draeger (Petrolab) showed 12.5% CO2 by volume and 2.8 ppm H2S.						
08:45:00	48	1636.5	95.4	917.4	83.3	474.8	
08:50:00	48	1635.7	96.1	920.1	84.2	308.0	
08:55:00	48	1634.6	96.8	915.8	83.5	358.7	
08:58:00	One steam boiler is down.						
09:00:00	BS&W showed 100% oil and trace of water. SG of produced oil 0.825 at 60 degF, sample taken at oil diverted manifold going out to the flare.						
09:00:00	48	1597.0	97.4	895.9	83.0	401.2	
09:01:00	Stopped chemical injection pump at SST.						
09:05:00	48	1544.7	97.1	866.7	82.2	430.2	
09:09:00	Bled down annulus pressure to +/- 250 psi.						
09:10:00	48	1531.6	97.4	857.9	81.7	439.2	
09:14:00	Diverted flow through surge tank for combine meter and shrinkage factor.						
09:15:00	BS&W showed 100% oil and trace of water.						
09:15:00	48	1528.3	97.7	854.4	81.4	279.4	
09:20:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.						
09:20:00	Obtained shrinkage factor from 6.04%. Meter factor 0.968.						
09:20:00	48	1525.9	98.1	852.0	80.9	318.6	
09:25:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.						
09:25:00	48	1524.5	98.4	849.3	80.6	355.0	
09:30:00	SG of produced oil 0.824 at 60 degF, sample taken at separator oil line. BS&W showed 100% oil and trace of water. Both boilers back on line.						
09:30:00	48	1524.5	98.6	849.7	80.3	390.2	
09:35:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.						
09:35:00	48	1525.5	98.8	850.0	80.1	425.3	
09:39:00	Bled down annulus pressure to +/- 250 psi.						
09:40:00	48	1526.3	99.2	851.4	80.6	278.6	
09:45:00	SG of produced gas 0.845. BS&W showed 100% oil and trace of water.						
09:45:00	48	1528.8	99.5	855.5	81.0	314.1	
09:50:00	48	1528.8	99.8	856.9	81.9	346.0	
09:55:00	48	1422.2	99.0	804.8	82.7	347.7	
09:59:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.						
10:00:00	BS&W showed 100% oil and trace of water.						
10:00:00	48	1375.6	98.4	778.2	83.8	356.2	
10:05:00	48	1357.6	98.1	772.7	83.8	370.1	
10:08:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.						
10:10:00	48	1346.4	98.2	766.3	85.4	386.1	
10:15:00	BS&W showed 100% oil and trace of water.						
10:15:00	48	1340.5	98.3	758.4	85.0	402.4	
10:20:00	48	1341.3	98.5	759.0	85.2	419.6	
10:25:00	48	1340.1	98.6	759.2	85.7	436.0	

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
10:30:00	BS&W showed 100% oil and trace of water.						
10:30:00	48	1340.1	98.9	761.6	86.4	452.3	
10:35:00	48	1339.7	98.9	761.4	87.9	468.3	
10:38:00	Bled down annulus pressure to +/- 250 psi.						
10:40:00	48	1344.2	98.9	762.5	87.4	268.3	
10:45:00	BS&W showed 100% oil and trace of water.						
10:45:00	48	1343.9	98.6	764.1	88.5	285.5	
10:50:00	48	1339.9	98.4	757.5	87.4	300.2	
10:55:00	48	1339.9	98.0	759.0	87.4	315.4	
10:56:00	Commenced chemical injection pump at 1100 cc/min at SST.						
11:00:00	BS&W showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.						
11:00:00	Draeger (Petrolab) showed 13.5% CO2 by volume and 3 ppm H2S.						
11:00:00	48	1336.2	97.6	757.1	87.6	330.9	
11:05:00	48	1336.2	97.0	757.1	87.7	345.2	
11:10:00	48	1333.9	96.4	758.6	89.1	360.3	
11:15:00	BS&W showed 100% oil and trace of water.						
11:15:00	48	1333.1	96.0	758.2	88.8	374.6	
11:20:00	48	1330.7	95.8	758.4	90.2	387.3	
11:25:00	48	1329.6	95.8	755.5	89.8	401.2	
11:30:00	BS&W showed 100% oil and trace of water.						
11:30:00	48	1329.0	95.8	754.5	90.4	414.7	
11:35:00	48	1330.0	95.5	754.3	90.1	427.8	
11:39:00	Bled down annulus pressure to +/- 250 psi.						
11:40:00	48	1328.8	95.2	752.8	91.0	265.9	
11:44:00	Raised 2.75" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.						
11:44:00	End of flow test for Upper Group.						
11:45:00	Closed ICV.						
11:45:00	0	1470.3	95.0	12.2	89.9	287.1	
11:49:00	Re-opened ICV.						
11:50:00	0	1703.5	93.6	1.2	86.8	262.2	
11:55:00	Closed ICV.						
11:55:00	0	1970.3	92.0	0.9	83.8	261.4	
11:59:00	Opened LV.						
12:00:00	Opened well (Lower Group) on 16/64" adjustable choke to test separator and port flare boom.						
12:00:00	16	2042.1	89.4	1.2	82.2	197.6	
12:01:00	Gradually increased adjustable choke to 24/64".						
12:01:00	24	2073.4	89.3	57.8	81.8	190.7	
12:02:00	24	2043.7	89.3	238.3	84.2	179.6	
12:03:00	Gradually increased adjustable choke to 28/64".						
12:03:00	28	2002.4	89.1	272.0	94.9	168.6	
12:04:00	28	1975.4	88.1	322.7	102.5	158.4	
12:05:00	28	1974.6	86.1	397.1	108.5	151.0	
12:06:00	Gradually increased adjustable choke to 32/64".						
12:06:00	32	1981.0	84.2	387.9	111.4	145.3	
12:07:00	32	1985.2	82.6	390.6	112.2	141.6	
12:08:00	32	1970.5	81.8	520.2	111.8	137.5	
12:09:00	32	1958.7	81.8	516.5	111.0	135.0	
12:10:00	32	1951.5	82.2	520.8	110.5	133.4	
12:11:00	Gradually increased adjustable choke to 36/64".						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
29/09/05						
12:11:00	36	1939.9	82.8	569.9	109.8	131.0
12:12:00	36	1914.1	83.4	649.2	108.5	131.0
12:13:00	36	1903.5	84.2	644.9	106.7	132.2
12:14:00	Gradually increased adjustable choke to 40/64".					
12:14:00	40	1901.4	85.1	642.5	104.5	134.6
12:15:00	40	1894.5	86.1	716.9	102.5	135.9
12:16:00	40	1878.5	87.0	785.3	101.3	140.4
12:17:00	40	1878.5	87.8	783.7	100.8	147.3
12:18:00	40	1887.1	88.7	786.2	100.9	153.9
12:19:00	40	1897.5	89.5	792.3	101.4	161.2
12:20:00	40	1906.1	90.3	797.2	102.2	168.6
12:21:00	40	1919.2	91.0	803.9	103.0	175.9
12:22:00	Gradually increased adjustable choke to 44/64".					
12:22:00	44	1928.2	91.7	843.8	103.2	184.1
12:23:00	44	1919.4	92.2	956.9	103.1	190.7
12:24:00	44	1913.9	92.6	953.0	102.5	197.2
12:25:00	44	1923.5	93.1	957.3	102.0	204.1
12:26:00	44	1948.2	93.7	967.3	101.7	212.7
12:27:00	Gradually increased adjustable choke to 48/64".					
12:27:00	48	1959.7	94.2	977.1	101.5	222.5
12:28:00	48	1952.1	94.8	1135.9	101.5	232.4
12:29:00	48	1967.1	95.2	972.8	101.8	240.9
12:30:00	Diverted flow through 48/64" fixed choke.					
12:30:00	48	1971.1	95.3	1024.1	101.9	251.2
12:31:00	48	1945.6	95.9	1089.5	102.5	261.4
12:35:00	48	1960.5	98.0	1167.8	101.7	310.0
12:40:00	48	1964.4	99.0	1074.4	100.9	362.4
12:45:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced gas 0.786. SG of produced oil 0.832 at 60 degF.					
12:45:00	48	1954.0	99.5	1067.3	99.9	411.0
12:49:00	Installed 3.25" orifice plate into gas meter run.					
12:50:00	48	1952.5	100.5	1067.3	99.1	458.9
12:51:00	Diverted flow through 3" oil meter.					
12:55:00	48	1949.7	100.3	1063.8	97.3	252.0
13:00:00	BS&W at choke manifold showed 99% oil and 1% water. Draeger (Petrolab) showed 4% CO2 by volume and 1.7 ppm H2S.					
13:00:00	48	1947.8	99.6	1062.6	95.9	297.4
13:05:00	48	1940.1	98.9	1056.6	93.7	338.3
13:10:00	48	1935.2	98.7	1055.8	93.1	320.7
13:15:00	BS&W at choke manifold showed 99% oil and 1% water.					
13:15:00	48	1931.1	98.3	1052.1	91.8	323.1
13:18:00	Raised 3.25" orifice plate from gas meter run due to oil carry over into gas line.					
13:20:00	48	1937.6	97.8	1056.2	91.7	360.7
13:23:00	Bled down annulus pressure to +/- 250 psi.					
13:25:00	48	1948.0	98.2	1060.7	92.0	238.5
13:30:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced oil 0.829 at 60 degF.					
13:30:00	48	1965.8	98.5	1097.1	92.3	272.0
13:31:00	Bypassed 3" oil meter.					
13:32:00	Stopped chemical injection at STT.					
13:34:00	Diverted flow through 3" oil meter.					
13:35:00	48	1975.0	98.2	1101.4	93.3	303.5

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
13:39:00	Installed 3.25" orifice plate into gas meter run.						
13:40:00	48	1987.3	97.7	1112.6	93.4	333.3	
13:45:00	BSW at separator oil line showed 100% oil.						
13:45:00	48	1989.7	97.3	1110.6	92.3	361.6	
13:47:00	Diverted flow through surge tank for combine meter and shrinkage factor.						
13:50:00	48	1996.1	97.1	1114.9	91.0	390.2	
13:51:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.						
13:51:00	Obtained meter factor 0.964 and shrinkage factor 6.04%.						
13:54:00	Bled down annulus pressure to +/- 250 psi.						
13:55:00	48	1998.7	97.3	1115.1	91.1	236.9	
14:00:00	BSW at separator oil line showed 100% oil. Draeger (Petrolab) showed 3% CO2 by volume and 1.7 ppm H2S.						
14:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.						
14:00:00	48	2003.2	97.3	1120.4	90.7	270.8	
14:05:00	48	2003.6	97.1	1120.0	90.5	296.5	
14:10:00	48	2007.9	96.8	1123.1	89.1	320.7	
14:15:00	Petrolab reported produced water properties, pH 7.3, conductivity 100 microSeimens and Potassium 800 mg/L.						
14:15:00	BS&W at choke manifold showed 100% oil and trace of water.						
14:15:00	48	2006.7	96.5	1122.3	89.9	343.2	
14:20:00	48	2008.3	96.4	1122.9	88.6	365.2	
14:25:00	Bled down annulus pressure to +/- 250 psi.						
14:25:00	48	2008.6	96.1	1126.1	89.9	386.1	
14:30:00	BS&W at choke manifold showed 100% oil and trace of water. Pour point value established 78 degF.						
14:30:00	48	2007.3	96.2	1124.3	88.4	273.7	
14:35:00	48	2008.3	96.1	1128.2	89.0	292.9	
14:40:00	48	2004.1	96.3	1122.0	88.3	310.4	
14:45:00	BS&W at choke manifold showed 100% oil and trace of water.						
14:45:00	48	2005.1	96.1	1124.9	88.2	329.3	
14:50:00	48	2000.8	96.0	1121.2	88.2	346.4	
14:55:00	48	2000.2	95.8	1120.8	87.4	364.4	
14:58:00	Bled down annulus pressure to +/- 250 psi.						
15:00:00	BS&W at choke manifold showed 100% oil and trace of water. Draeger (Petrolab) showed 4% CO2 by volume and 1.5 ppm H2S.						
15:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.						
15:00:00	48	1995.7	95.8	1117.3	88.8	272.8	
15:05:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.						
15:05:00	48	1991.6	96.2	1113.7	88.8	289.6	
15:10:00	48	1988.5	96.4	1114.1	89.5	305.1	
15:14:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.						
15:15:00	BS&W at choke manifold showed 100% oil and trace of water.						
15:15:00	48	1985.7	96.6	1111.8	88.3	321.9	
15:20:00	48	1982.2	96.8	1107.5	89.0	336.2	
15:25:00	48	1982.8	97.1	1112.4	89.2	351.3	
15:26:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.						
15:30:00	BS&W at choke manifold showed 100% oil and trace of water.						
15:30:00	48	1978.9	97.3	1106.9	90.1	363.6	

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
15:35:00	48	1977.9	97.5	1104.5	88.6	376.7	
15:36:00							Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.
15:38:00							Bled down annulus pressure to +/- 250 psi.
15:40:00	48	1974.6	97.6	1101.0	86.7	270.0	
15:45:00							BS&W at choke manifold showed 100% oil and trace of water.
15:45:00	48	1972.4	97.6	1099.6	86.3	285.5	
15:50:00	48	1972.6	97.7	1103.2	86.2	297.8	
15:53:00							Commenced chemical injection pump at 1100 cc/min at SST.
15:55:00	48	1970.1	97.6	1099.4	86.4	310.0	
16:00:00							BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
16:00:00	48	1972.0	97.5	1103.9	86.5	322.3	
16:05:00	48	1968.9	97.6	1101.8	87.5	332.5	
16:10:00	48	1970.7	97.7	1104.1	88.4	344.4	
16:15:00							Bled off common close line pressure. Bled off LV open line.
16:15:00							BS&W at choke manifold showed 100% oil and trace of water.
16:15:00	48	1967.7	97.7	1101.8	89.0	357.1	
16:20:00	48	1969.1	97.5	1103.6	88.6	366.9	
16:25:00	48	1965.4	97.6	1100.6	89.4	376.3	
16:30:00							BS&W at choke manifold showed 100% oil and trace of water.
16:30:00	48	1967.1	97.4	1103.2	89.3	386.5	
16:35:00	48	1964.4	97.2	1101.2	90.2	390.6	
16:40:00	48	1966.2	97.6	1103.0	89.6	286.7	
16:45:00							BS&W at choke manifold showed 100% oil and trace of water.
16:45:00	48	1967.1	97.5	1106.3	90.2	295.7	
16:46:00							Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.
16:46:00							End of flow test for lower group.
16:47:00							Pressured up common close line to closed LV.
16:50:00	0	2347.5	94.6	5.0	87.1	281.4	
16:52:00							Bled off common close line.
16:54:00							Bled down wellhead pressure to 2100 psi.
16:55:00	0	2265.5	94.0	361.8	84.3	189.8	
17:00:00							BS&W at choke manifold showed 100% oil and trace of water.
17:00:00							SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.
17:00:00	0	2096.3	86.5	2.2	102.7	93.3	
17:04:00							Pressured up ICV open line to 4000 psi to open ICV.
17:05:00	0	2314.2	84.6	2.0	98.8	50.4	
17:09:00							Bled down ICV open line pressure to 3000 psi.
17:10:00	0	2387.6	85.7	1.6	94.3	24.2	
17:11:00	0	2387.8	85.0	0.5	93.5	19.3	
17:12:00							Opened well (Upper Group) on 24/64" adjustable choke through oil meter to the port flare boom for re-test.
17:12:00	24	2387.8	84.4	0.5	92.7	14.8	
17:13:00							Gradually increased adjustable choke to 48/64".
17:13:00	24	2318.9	83.9	336.2	93.4	11.2	
17:14:00	24	2316.6	81.1	353.6	99.4	8.3	
17:15:00							BS&W at choke manifold showed 100% oil and trace of water.
17:15:00	24	2311.7	77.7	596.9	105.8	7.1	
17:16:00	24	2275.5	75.8	802.1	109.4	5.8	
17:18:00							Adjustable choke at 48/64".

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
17:19:00	Diverted flow through 48/64" fixed choke.						
17:20:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.						
17:20:00	48	2004.9	87.5	1100.6	106.9	4.2	
17:25:00	48	1808.8	92.6	999.4	102.7	9.5	
17:27:00	Installed 2.75" orifice plate into gas meter run.						
17:29:00	Diverted flow through 3" oil meter. Used shrinkage factor 6.04% and meter factor 0.968 from previous flow period in Upper Group.						
17:30:00	BS&W at choke manifold showed 100% oil and trace of water.						
17:30:00	48	1580.9	92.6	902.7	101.2	21.8	
17:35:00	48	1649.2	97.8	959.7	100.6	43.9	
17:37:00	Raised 2.75" orifice plate into gas meter run due to oil carry over to the gas line.						
17:40:00	48	1668.6	99.6	932.1	100.8	65.5	
17:45:00	BS&W at choke manifold showed 100% oil and trace of water.						
17:45:00	48	1683.7	101.0	938.9	100.3	87.2	
17:46:00	Installed 2.75" orifice plate into gas meter run.						
17:50:00	48	1696.0	102.3	950.3	100.6	106.8	
17:55:00	48	1703.9	103.5	952.8	100.1	124.8	
18:00:00	BS&W at choke manifold showed 100% oil and trace of water.						
18:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.						
18:00:00	48	1713.6	104.4	959.3	99.3	143.2	
18:05:00	48	1717.6	104.9	958.7	99.0	160.8	
18:10:00	48	1724.6	105.4	961.6	98.0	177.6	
18:15:00	BS&W at choke manifold showed 100% oil and trace of water.						
18:15:00	48	1728.1	105.6	959.5	97.6	192.7	
18:20:00	48	1733.0	105.9	961.0	96.2	207.8	
18:25:00	48	1737.1	106.0	960.3	95.1	220.9	
18:30:00	BS&W at choke manifold showed 100% oil and trace of water.						
18:30:00	48	1739.3	106.1	961.0	93.8	236.0	
18:35:00	48	1744.0	106.1	963.2	92.4	247.9	
18:40:00	48	1747.3	106.1	964.6	92.0	261.0	
18:45:00	BS&W at choke manifold showed 100% oil and trace of water.						
18:45:00	48	1751.2	106.2	967.5	91.8	273.2	
18:50:00	48	1753.8	106.3	969.3	91.4	284.7	
18:55:00	48	1756.1	106.2	969.9	91.1	293.7	
18:57:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.						
18:57:00	End of flow test for Upper group.						
19:00:00	0	1970.9	104.2	13.6	88.7	279.0	
19:01:00	Closed master valve on flowhead.						
19:02:00	Bled off pressure above master valve.						
19:03:00	Opened kill wing valve on flow head.						
19:05:00	Commenced flushing surface test equipment with diesel.						
19:05:00	0	21.5	93.4	22.2	90.3	203.3	
19:10:00	0	17.2	83.0	13.8	93.2	129.3	
19:14:00	Completed flushing surface test equipment with diesel.						
19:15:00	Closed choke manifold.						
19:15:00	0	40.9	74.2	25.3	91.9	63.9	
19:17:00	Closed flow wing valve on flowhead.						
19:18:00	Equalized pressure above master valve on flow head.						
19:20:00	0	347.6	71.0	5.6	88.0	21.0	
19:23:00	Opened master valve on flow head.						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG
29/09/05						
19:24:00	Commenced pumping diesel into completion riser and tubing.					
19:25:00	0	1110.7	69.8	6.1	85.3	5.4
19:30:00	0	1856.9	68.9	12.4	83.8	0.5
19:35:00	0	2313.4	68.2	15.9	82.4	0.0
19:39:00	Opened flow wing valve on flowhead.					
19:40:00	0	2780.5	67.5	21.4	81.3	0.0
19:45:00	0	1872.6	66.6	26.7	79.9	0.0
19:50:00	0	1799.6	65.9	33.7	79.4	0.0
19:55:00	0	1721.7	65.3	38.2	78.3	0.0
20:00:00	0	1654.1	64.8	54.1	77.3	0.0
20:05:00	0	1586.4	64.4	61.7	76.2	0.0
20:10:00	0	1520.2	64.0	80.1	75.2	0.0
20:15:00	0	1457.4	63.7	104.0	74.4	0.0
20:20:00	0	1396.5	63.3	5.2	73.6	0.0
20:25:00	0	1335.8	62.9	0.0	72.9	0.0
20:30:00	0	1278.7	62.5	0.0	72.2	0.0
20:35:00	0	1223.7	62.3	0.0	71.5	0.0
20:39:00	Completed pumping diesel into completion riser and tubing.					
20:39:00	Closed SSSV.					
20:40:00	0	1181.0	62.0	0.0	70.9	0.0
20:45:00	0	1184.9	61.7	0.0	70.5	0.0
20:50:00	0	1187.6	61.5	0.0	69.9	0.0
20:55:00	0	1186.9	61.4	0.0	69.4	0.0
20:56:00	Bled down pressure above SSSV to 200 psig, commenced leak off test of SSSV.					
21:00:00	0	172.1	61.8	0.5	79.7	0.0
21:05:00	0	158.9	61.4	0.0	87.1	0.0
21:10:00	0	151.9	61.1	0.0	0.0	0.0
21:15:00	0	147.4	60.9	0.0	0.0	0.0
21:20:00	0	144.5	60.6	0.0	0.0	0.0
21:25:00	0	142.1	60.4	0.0	0.0	0.0
21:30:00	0	140.7	60.2	0.0	0.0	0.0
21:35:00	0	139.4	60.1	0.0	0.0	0.0
21:40:00	0	138.6	59.9	0.0	0.0	0.0
21:45:00	0	138.4	59.7	0.0	0.0	0.0
21:50:00	0	137.4	59.5	0.0	0.0	0.0
21:55:00	0	137.0	59.5	0.0	0.0	0.0
22:00:00	0	136.2	59.4	0.0	0.0	0.0
22:05:00	0	135.1	59.2	0.0	0.0	0.0
22:09:00	Good test, pressured up completion riser and tubing to +/- 930 psig.					
22:10:00	0	185.2	59.1	0.0	0.0	0.0
22:13:00	Closed production master valve on SST.					
22:15:00	0	867.0	59.4	0.0	0.0	0.0
22:16:00	Bled down pressure above PMV to 200 psig, commenced leak off test of PMV.					
22:16:00	Closed CIV.					
22:20:00	0	237.0	59.6	0.0	0.0	0.0
22:25:00	0	246.4	59.6	0.0	0.0	0.0
22:30:00	0	245.1	59.3	0.0	0.0	0.0
22:34:00	Equalized above PMV to +/- 930 psig.					
22:35:00	Opened production master valve on SST.					
22:35:00	0	584.3	59.1	0.0	0.0	0.0
22:37:00	Bled down pressure via choke manifold to surge tank.					
22:40:00	0	56.4	59.7	0.0	0.0	0.0

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
29/09/05							
22:45:00	0	20.9	59.0	0.0	0.0	0.0	
22:50:00	0	0.8	58.7	0.0	0.0	0.0	
22:55:00	Closed production master valve on SST.						
22:55:00	0	0.6	58.7	0.0	0.0	0.0	
23:00:00	Closed master valve on flowhead.						
23:00:00	0	0.8	58.7	0.0	0.0	0.0	
23:02:00	Commenced flushing 10bbls brine through cement line and flowhead.						
23:05:00	0	6.4	58.5	0.0	0.0	0.0	
23:08:00	Completed flushing 10bbls brine through cement line and flowhead.						
23:10:00	Closed kill wing valve on flowhead.						
23:10:00	0	5.3	59.0	0.0	0.0	0.0	
23:12:00	Opened master valve on flowhead.						
23:13:00	Commenced flushing annlulus access line, 5 1/2" completion riser, surface flowhead and surface well test equipment as per program.						
23:15:00	0	4.5	59.2	0.0	0.0	0.0	
23:20:00	0	16.4	65.9	0.0	0.0	0.0	
23:25:00	0	167.7	61.5	0.0	0.0	0.0	
23:30:00	0	8.6	60.2	0.0	0.0	0.0	
23:35:00	0	204.4	60.0	0.0	0.0	0.0	
23:40:00	0	205.9	60.2	0.0	0.0	0.0	
23:45:00	0	223.9	60.2	0.0	0.0	0.0	
23:50:00	0	390.5	60.5	0.0	0.0	0.0	
23:54:00	Completed flushing, commenced circulating inhibitor as per program.						
23:55:00	0	5.9	60.9	0.0	0.0	0.0	
30/09/05							
00:00:00	0	3.9	60.7	0.0	0.0	0.0	
00:05:00	0	0.2	60.3	0.0	0.0	0.0	
00:10:00	0	0.6	60.0	0.0	0.0	0.0	
00:15:00	0	1.0	59.8	0.0	0.0	0.0	
00:20:00	0	0.8	59.6	0.0	0.0	0.0	
00:22:00	Closed access valve and annulus master valve on SST.						
00:22:00	Opened kill wing valve on flowhead.						
00:22:00	Closed choke manifold.						
00:25:00	Commenced pressure testing against annulus access valve and annulus master valve on SST to 500 / 5000 psig.						
00:25:00	0	1.9	59.4	0.0	0.0	4.6	
00:30:00	0	636.4	59.4	0.0	0.0	4.2	
00:35:00	0	3454.7	59.3	0.0	0.0	5.4	
00:40:00	0	5026.2	59.5	0.0	0.0	5.0	
00:45:00	0	5004.3	59.4	0.0	0.0	5.0	
00:47:00	Good test, bled down pressure via choke manifold.						
00:50:00	Closed choke manifold.						
00:50:00	0	7.8	59.1	0.0	0.0	4.6	
00:51:00	Closed annulus wing valve on SST.						
00:53:00	Commenced pressure testing against annulus wing valve on SST to 500/5000 psig.						
00:55:00	0	528.1	59.1	0.0	0.0	5.0	
01:00:00	0	2176.2	58.9	0.0	0.0	5.0	
01:05:00	0	5003.9	59.1	0.0	0.0	4.6	
01:10:00	0	4993.4	58.9	0.0	0.0	5.0	
01:11:00	Good test, bled down pressure via choke manifold.						
01:13:00	Closed choke manifold.						

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

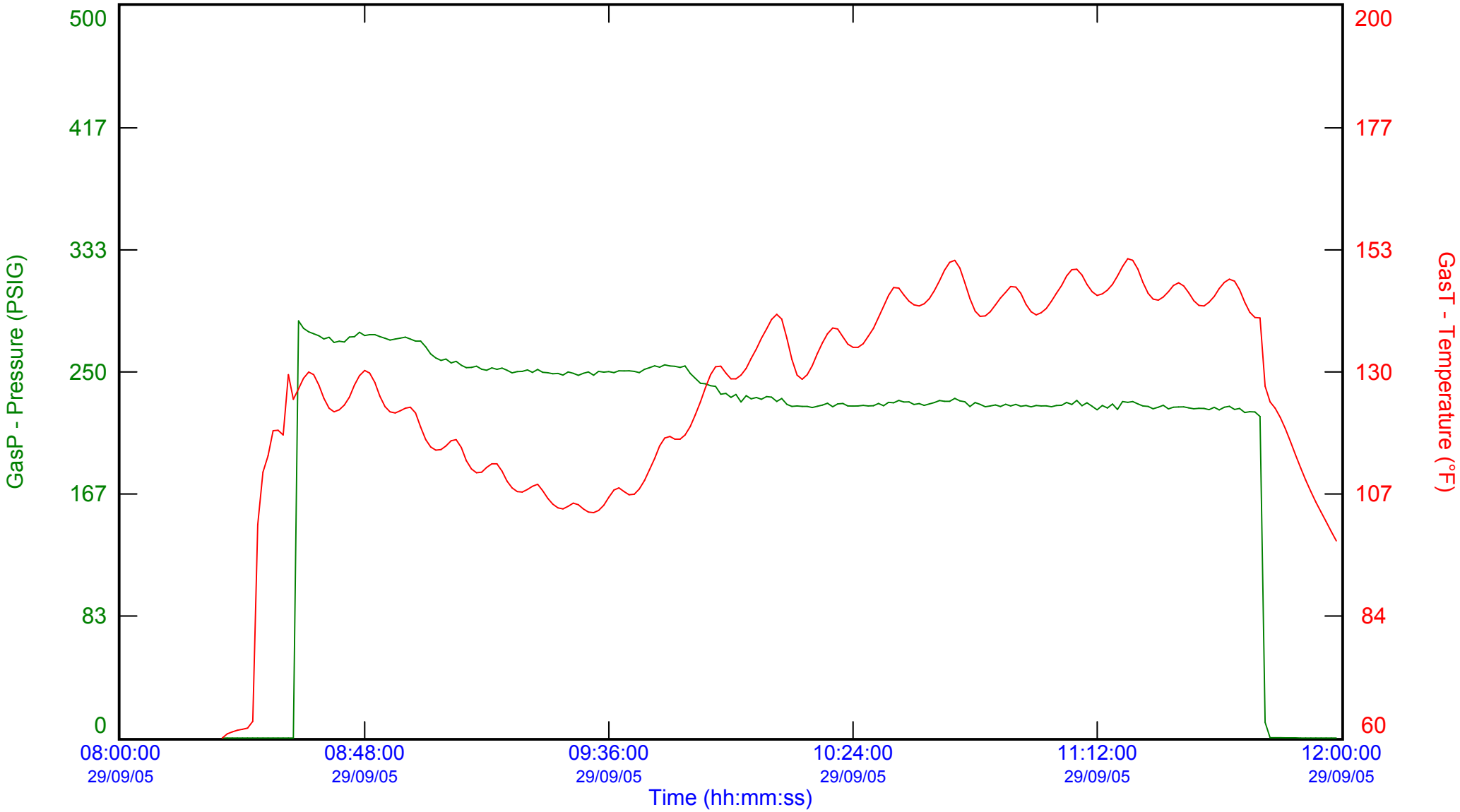
Time hh:mm:ss	Choke 64th	UcP PSIG	UcT °F	DcP PSIG	DcT °F	AnnP PSIG	
30/09/05							
01:14:00	Closed crossover valve on SST.						
01:15:00	Commenced pressure testing against crossover valve on SST to 500/5000 psig.						
01:15:00	0	8.4	58.3	0.0	0.0	5.0	
01:20:00	0	516.2	58.2	0.0	0.0	5.0	
01:25:00	0	5053.3	58.2	0.0	0.0	5.4	
01:30:00	0	5039.4	58.2	0.0	0.0	5.0	
01:35:00	0	5026.2	58.1	0.0	0.0	5.0	
01:37:00	Good test, bled down pressure via choke manifold.						
01:39:00	Closed choke manifold.						
01:40:00	0	8.6	57.6	0.0	0.0	4.6	
01:43:00	Closed production wing valve on SST.						
01:45:00	Commenced pressure testing against production wing valve on SST to 500 / 5000 psig.						
01:45:00	0	9.2	57.5	0.0	0.0	4.6	
01:50:00	0	534.4	57.5	0.0	0.0	4.2	
01:55:00	0	5039.4	57.8	0.0	0.0	4.6	
02:00:00	0	5018.0	57.6	0.0	0.0	5.0	
02:03:00	Good test, bled down pressure via choke manifold.						
02:05:00	Closed choke manifold.						
02:05:00	0	9.2	57.2	0.0	0.0	4.2	
02:06:00	Closed production swab valve on SST.						
02:07:00	Commenced pressure testing against production swab valve on SST to 500 / 5000 psig.						
02:10:00	0	558.7	57.2	0.0	0.0	4.2	
02:15:00	0	1971.8	57.1	0.0	0.0	4.2	
02:20:00	0	5019.2	57.4	0.0	0.0	4.2	
02:25:00	0	5003.5	57.3	0.0	0.0	4.6	
02:28:00	Good test, bled down pressure via choke manifold.						
02:30:00	0	10.0	57.0	0.0	0.0	3.8	
02:35:00	0	10.8	56.9	0.0	0.0	4.2	
02:40:00	0	1099.9	57.0	0.0	0.0	4.2	
02:45:00	0	1092.7	56.9	0.0	0.0	4.2	
02:50:00	0	19.6	56.7	0.0	0.0	4.2	
02:55:00	0	19.6	56.7	0.0	0.0	4.6	
03:00:00	0	19.8	56.7	0.0	0.0	4.2	
07:30:00	Rigged down Expro 7 3/8" flowhead. End of test.						

Separator - Data Listing - Upper Group

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP 3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT 3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT LOWER GROUP 3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT 3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

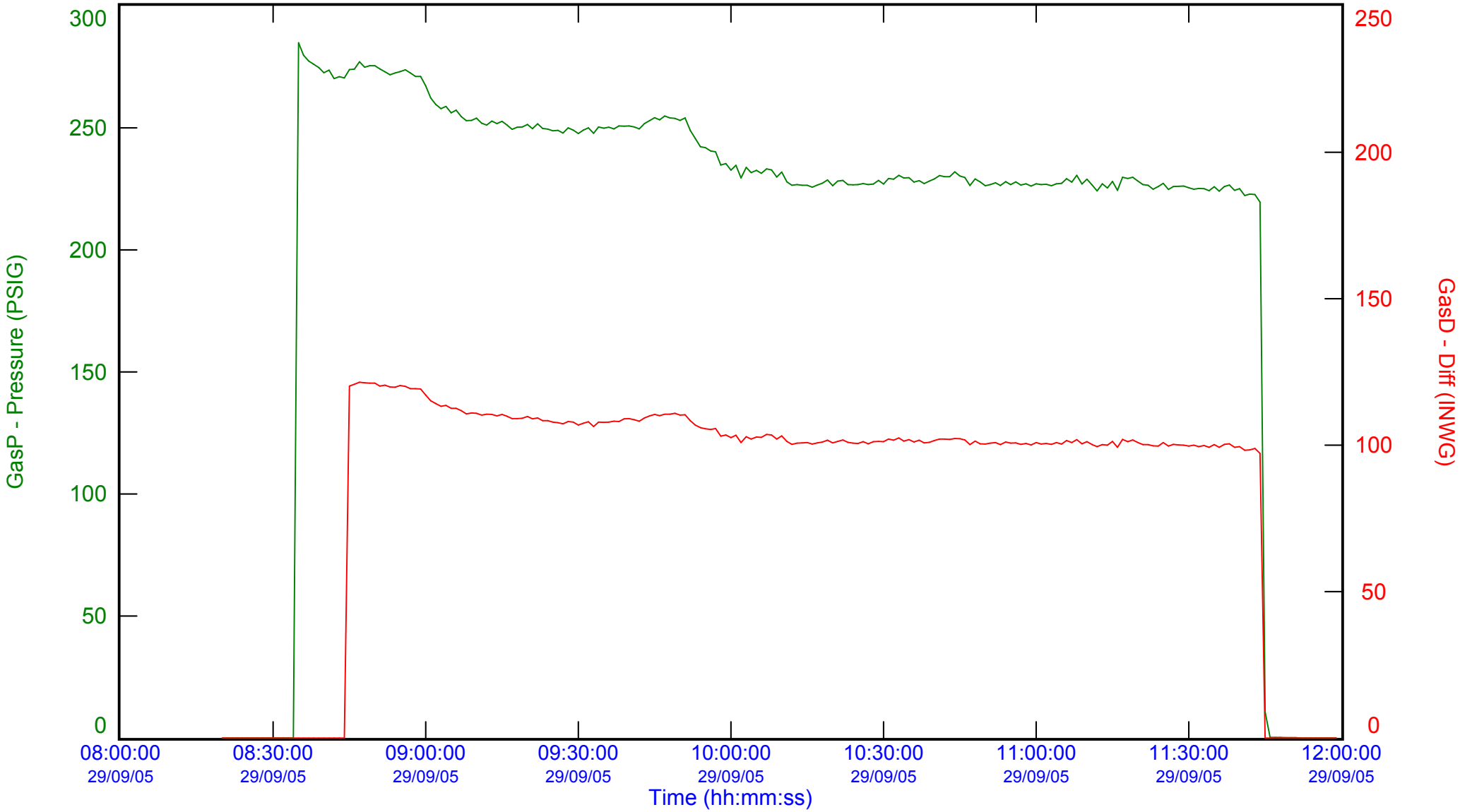
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



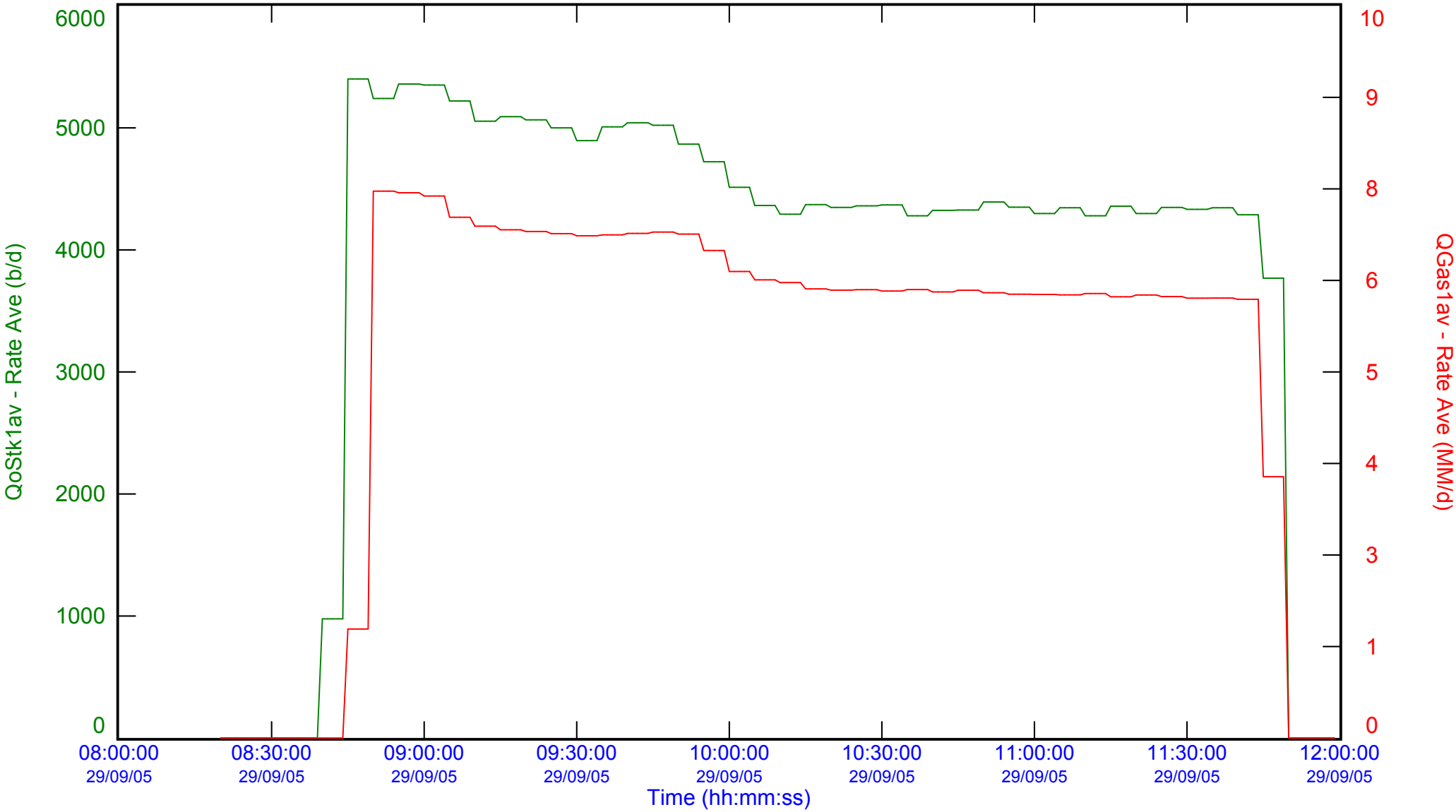
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
08:20:00	48	0.00	1698.4	92.2	0.0	60.4	0.0	107.7	0.0	0.0	0.0	0.0	0.000	0.000		
08:25:00	Diverted flow through separator, separator gas pressure sensor isolated.															
08:25:00	48	0.00	1700.3	93.0	0.0	62.3	0.0	111.4	0.0	0.0	0.0	0.0	0.000	0.000		
08:26:00	Bled down annulus pressure to +/- 250 psi.															
08:30:00	48	0.00	1695.6	94.0	0.0	119.0	0.0	121.8	0.0	0.0	0.0	0.0	0.000	0.000		
08:34:00	Opened valve to separator gas pressure sensor.															
08:35:00	48	0.00	1686.0	94.7	284.9	127.0	0.0	132.2	0.0	0.0	0.0	0.0	0.000	0.000		
08:38:00	Established oil level in separator. Diverted flow to 3" oil meter.															
08:40:00	48	0.00	1640.4	94.9	272.6	125.2	0.0	132.8	1039.9	3.6	977.1	3.4	0.000	0.000	0.0	0.0
08:44:00	Intalled 2.75" orifice plate into gas meter run.															
08:45:00	SG of produced gas 0.832. BS&W showed 100% oil and trace of water. Bled down annulus pressure to +/- 250 psi.															
08:45:00	Draeger (Petrolab) showed 12.5% CO2 by volume and 2.8 ppm H2S.															
08:45:00	48	2.75	1636.5	95.4	273.9	125.4	120.2	129.6	5748.5	23.6	5401.3	22.1	1.490	0.005	259.1	275.8
08:50:00	48	2.75	1635.7	96.1	275.5	128.2	121.2	133.3	5578.5	42.9	5241.5	40.4	7.470	0.031	1339.1	1425.2
08:55:00	48	2.75	1634.6	96.8	273.1	122.8	120.4	126.8	5703.9	62.8	5359.4	59.0	7.448	0.057	1305.8	1389.7
08:58:00	One steam boiler is down.															
09:00:00	BS&W showed 100% oil and trace of water. SG of produced oil 0.825 at 60 degF, sample taken at oil diverted manifold going out to the flare.															
09:00:00	48	2.75	1597.0	97.4	267.2	117.3	117.1	123.1	5695.6	82.5	5351.6	77.5	7.404	0.083	1300.0	1383.6
09:01:00	Stopped chemical injection pump at SST.															
09:05:00	48	2.75	1544.7	97.1	256.2	117.1	112.6	119.5	5556.2	101.8	5220.6	95.7	7.114	0.107	1280.5	1362.8
09:09:00	Bled down annulus pressure to +/- 250 psi.															
09:10:00	48	2.75	1531.6	97.4	254.0	111.0	110.9	115.7	5380.5	120.5	5055.6	113.2	6.992	0.132	1299.6	1383.1
09:14:00	Diverted flow through surge tank for combine meter and shrinkage factor.															
09:15:00	BS&W showed 100% oil and trace of water.															
09:15:00	48	2.75	1528.3	97.7	252.7	111.3	110.5	115.6	5419.6	139.3	5092.2	130.9	6.942	0.156	1280.9	1363.2
09:20:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.															
09:20:00	Obtained shrinkage factor from 6.04%. Meter factor 0.968.															
09:20:00	48	2.75	1525.9	98.1	251.4	107.8	109.8	109.9	5391.7	158.0	5066.0	148.5	6.919	0.180	1283.3	1365.8
09:25:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.															
09:25:00	48	2.75	1524.5	98.4	248.8	105.0	107.9	109.3	5322.0	176.5	5000.5	165.8	6.890	0.204	1294.7	1377.9

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
09:30:00	SG of produced oil 0.824 at 60 degF, sample taken at separator oil line. BS&W showed 100% oil and trace of water. Both boilers back on line.															
09:30:00	48	2.75	1524.5	98.6	247.7	104.9	106.9	107.8	5210.5	194.6	4895.8	182.8	6.860	0.228	1316.6	1401.3
09:35:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.															
09:35:00	48	2.75	1525.5	98.8	249.9	104.8	107.8	106.3	5330.4	213.1	5008.4	200.2	6.873	0.251	1289.3	1372.2
09:39:00	Bled down annulus pressure to +/- 250 psi.															
09:40:00	48	2.75	1526.3	99.2	250.8	106.8	109.1	110.8	5366.6	231.8	5042.4	217.8	6.893	0.275	1284.5	1367.0
09:45:00	SG of produced gas 0.845. BS&W showed 100% oil and trace of water.															
09:45:00	48	2.75	1528.8	99.5	254.2	113.7	110.5	114.6	5344.3	250.3	5021.5	235.2	6.911	0.299	1293.1	1376.2
09:50:00	48	2.75	1528.8	99.8	253.1	117.4	110.3	121.1	5179.8	268.3	4866.9	252.1	6.884	0.323	1329.1	1414.5
09:55:00	48	2.75	1422.2	99.0	241.9	127.2	105.6	127.4	5026.5	285.7	4722.9	268.5	6.659	0.346	1324.8	1409.9
09:59:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.															
10:00:00	BS&W showed 100% oil and trace of water.															
10:00:00	48	2.75	1375.6	98.4	232.7	128.9	102.6	134.4	4803.4	302.4	4513.3	284.2	6.373	0.368	1326.8	1412.0
10:05:00	48	2.75	1357.6	98.1	232.6	134.6	102.8	137.3	4644.6	318.6	4364.0	299.3	6.259	0.390	1347.6	1434.2
10:08:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.															
10:10:00	48	2.75	1346.4	98.2	231.9	140.3	103.2	145.5	4569.3	334.4	4293.3	314.2	6.222	0.412	1361.8	1449.3
10:15:00	BS&W showed 100% oil and trace of water.															
10:15:00	48	2.75	1340.5	98.3	226.5	129.7	100.9	135.0	4652.9	350.6	4371.9	329.4	6.135	0.433	1318.5	1403.3
10:20:00	48	2.75	1341.3	98.5	226.3	138.6	100.8	141.0	4627.8	366.6	4348.3	344.5	6.118	0.454	1321.9	1406.9
10:25:00	48	2.75	1340.1	98.6	226.8	134.9	100.6	140.5	4641.8	382.8	4361.4	359.6	6.124	0.476	1319.4	1404.2
10:30:00	BS&W showed 100% oil and trace of water.															
10:30:00	48	2.75	1340.1	98.9	227.0	142.7	101.2	145.2	4650.1	398.9	4369.2	374.8	6.106	0.497	1313.2	1397.6
10:35:00	48	2.75	1339.7	98.9	229.6	143.7	101.9	149.7	4555.3	414.7	4280.2	389.7	6.126	0.518	1344.7	1431.2
10:38:00	Bled down annulus pressure to +/- 250 psi.															
10:40:00	48	2.75	1344.2	98.9	229.1	145.7	101.6	149.0	4602.7	430.7	4324.7	404.7	6.094	0.539	1324.0	1409.1
10:45:00	BS&W showed 100% oil and trace of water.															
10:45:00	48	2.75	1343.9	98.6	230.3	150.0	102.2	155.3	4605.5	446.7	4327.4	419.7	6.117	0.561	1328.3	1413.7
10:50:00	48	2.75	1339.9	98.4	226.3	140.9	100.4	146.6	4675.2	462.9	4392.8	435.0	6.083	0.582	1301.1	1384.8
10:55:00	48	2.75	1339.9	98.0	226.8	146.5	100.7	149.3	4630.6	479.0	4350.9	450.1	6.062	0.603	1309.2	1393.4
10:56:00	Commenced chemical injection pump at 1100 cc/min at SST.															

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

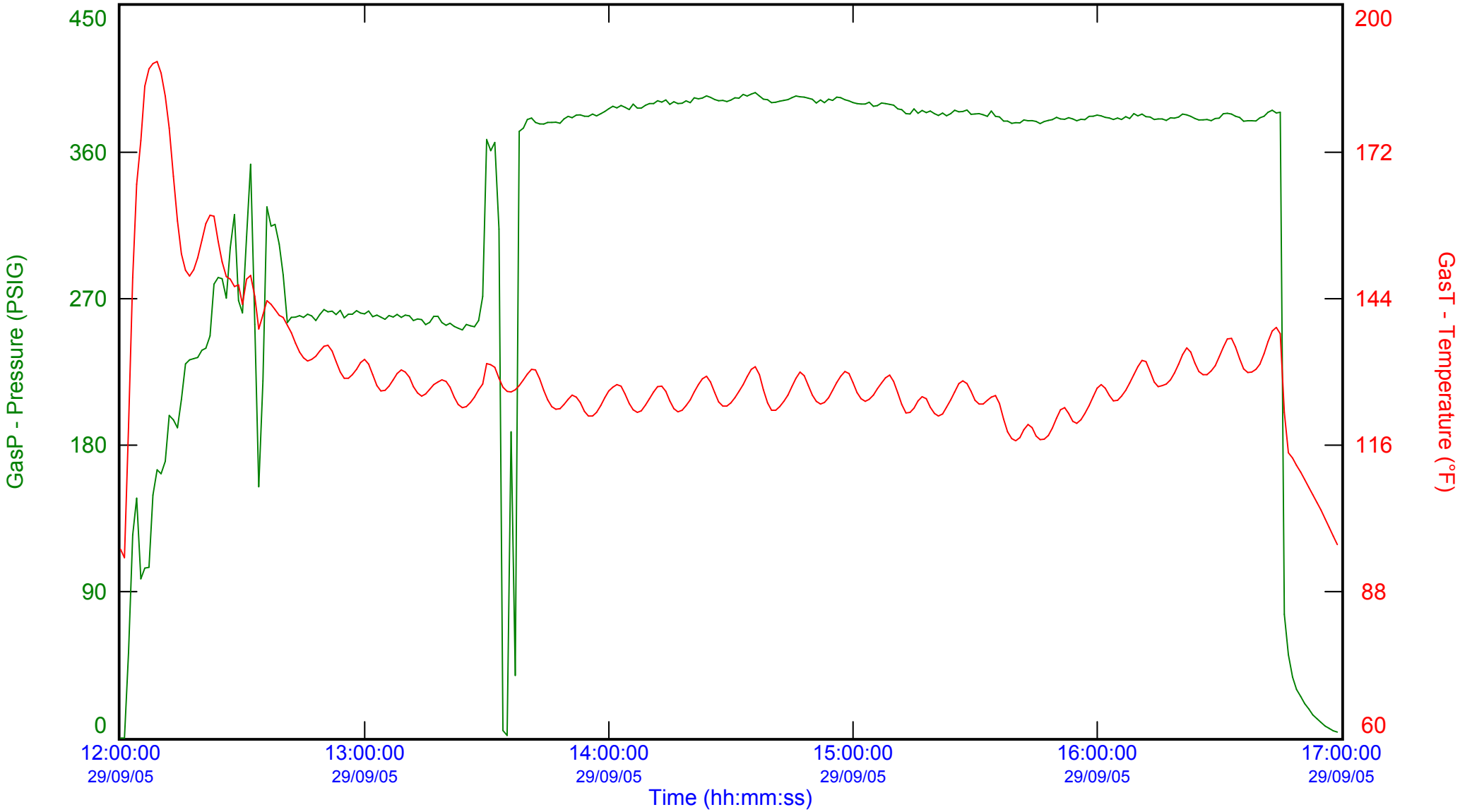
Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
11:00:00	BS&W showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.															
11:00:00	Draeger (Petrolab) showed 13.5% CO2 by volume and 3 ppm H2S.															
11:00:00	48	2.75	1336.2	97.6	227.1	141.1	100.9	146.9	4574.9	494.9	4298.5	465.0	6.059	0.624	1324.5	1409.6
11:05:00	48	2.75	1336.2	97.0	227.3	146.7	100.4	149.0	4625.0	510.9	4345.7	480.1	6.054	0.645	1308.9	1393.1
11:10:00	48	2.75	1333.9	96.4	229.0	146.9	101.2	153.0	4555.3	526.8	4280.2	494.9	6.071	0.666	1332.7	1418.4
11:15:00	BS&W showed 100% oil and trace of water.															
11:15:00	48	2.75	1333.1	96.0	228.1	146.9	101.3	150.3	4639.0	542.9	4358.8	510.1	6.027	0.687	1299.3	1382.8
11:20:00	48	2.75	1330.7	95.8	228.2	149.8	100.9	155.4	4574.9	558.8	4298.5	525.0	6.051	0.708	1322.7	1407.8
11:25:00	48	2.75	1329.6	95.8	227.3	144.5	100.9	149.1	4627.8	574.8	4348.3	540.1	6.030	0.729	1302.9	1386.7
11:30:00	BS&W showed 100% oil and trace of water.															
11:30:00	48	2.75	1329.0	95.8	225.5	145.3	99.7	150.7	4611.1	590.8	4332.6	555.1	6.008	0.750	1303.0	1386.8
11:35:00	48	2.75	1330.0	95.5	225.9	144.6	100.2	147.8	4625.0	606.9	4345.7	570.2	6.010	0.770	1299.5	1383.0
11:39:00	Bled down annulus pressure to +/- 250 psi.															
11:40:00	48	2.75	1328.8	95.2	225.1	145.9	99.5	151.4	4563.7	622.7	4288.1	585.1	5.993	0.791	1313.2	1397.6
11:44:00	Raised 2.75" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.															
11:44:00	End of flow test for Upper Group.															
11:45:00	Closed ICV.															

Separator - Data Listing - Lower Group

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

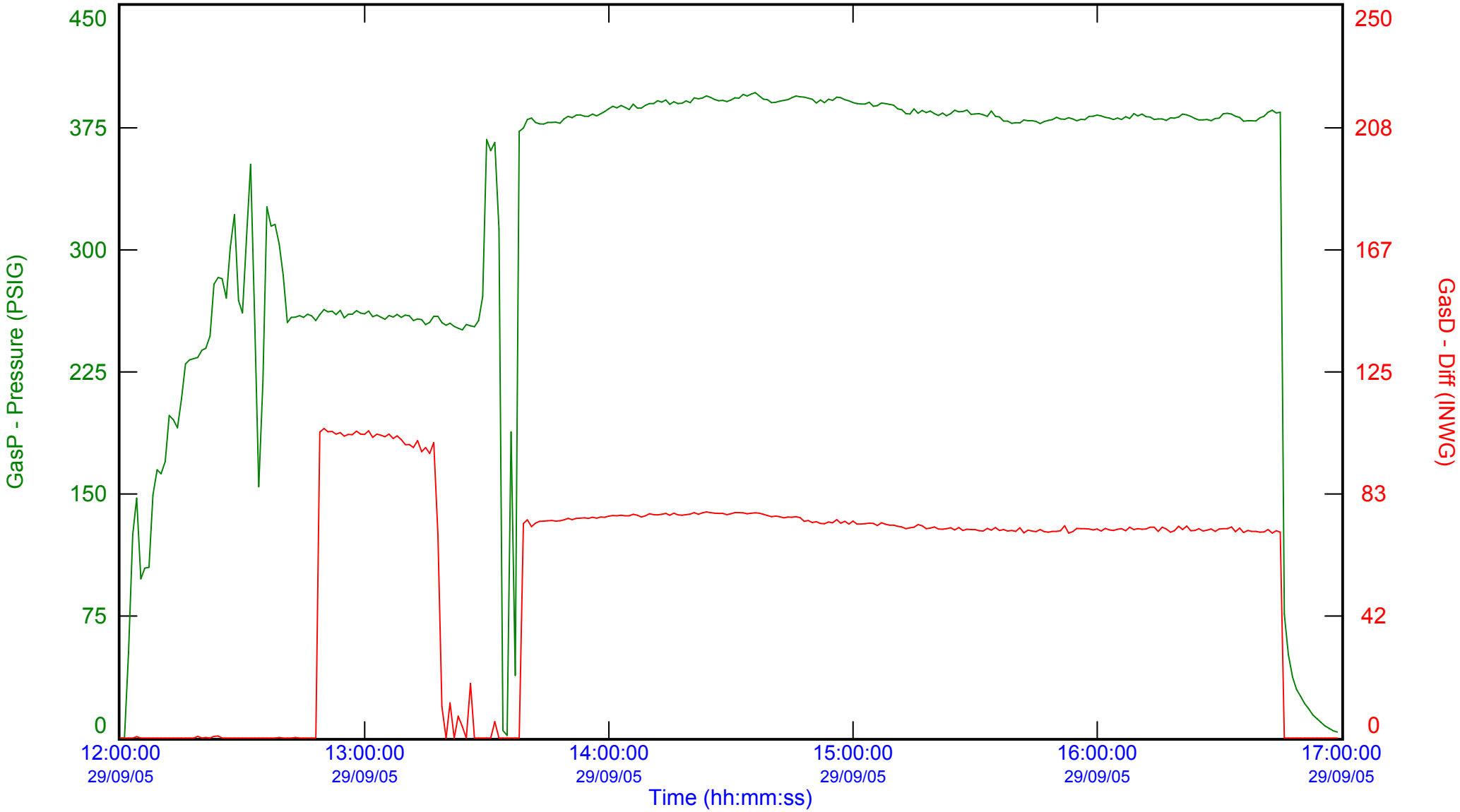
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



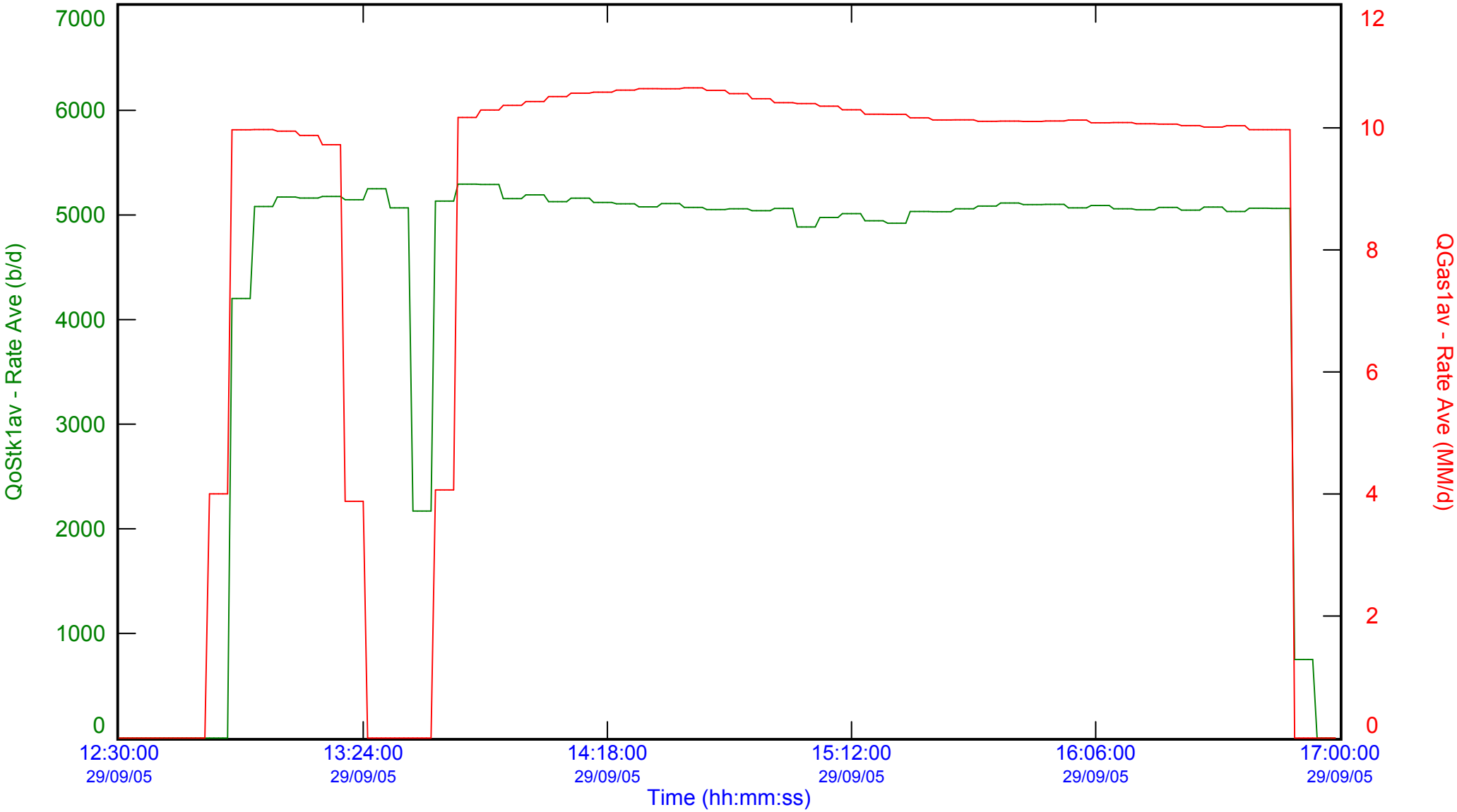
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Lower Group
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
12:00:00	Opened well (Lower Group) on 16/64" adjustable choke to test separator and port flare boom.															
12:01:00	Gradually increased adjustable choke to 24/64".															
12:03:00	Gradually increased adjustable choke to 28/64".															
12:06:00	Gradually increased adjustable choke to 32/64".															
12:11:00	Gradually increased adjustable choke to 36/64".															
12:14:00	Gradually increased adjustable choke to 40/64".															
12:22:00	Gradually increased adjustable choke to 44/64".															
12:27:00	Gradually increased adjustable choke to 48/64".															
12:30:00	Diverted flow through 48/64" fixed choke.															
12:45:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced gas 0.786. SG of produced oil 0.832 at 60 degF.															
12:45:00	48	0.00	1954.0	99.5	258.6	132.9	0.0	136.1	0.0	0.0	0.0	0.0	0.000	0.000		
12:49:00	Installed 3.25" orifice plate into gas meter run.															
12:50:00	48	3.25	1952.5	100.5	263.4	135.1	105.7	136.3	0.0	0.0	0.0	0.0	4.003	0.014		
12:51:00	Diverted flow through 3" oil meter.															
12:55:00	48	3.25	1949.7	100.3	258.3	129.0	103.1	131.9	4472.6	15.5	4202.5	14.6	9.969	0.049	2228.9	2372.2
13:00:00	BS&W at choke manifold showed 99% oil and 1% water. Draeger (Petrolab) showed 4% CO_2 by volume and 1.7 ppm H_2S.															
13:00:00	48	3.25	1947.8	99.6	260.7	132.6	103.7	133.6	5408.3	34.3	5081.6	32.2	9.973	0.083	1844.0	1962.5
13:05:00	48	3.25	1940.1	98.9	257.4	126.7	102.9	128.9	5505.4	53.4	5172.9	50.2	9.947	0.118	1806.7	1922.9
13:10:00	48	3.25	1935.2	98.7	260.0	130.2	100.2	132.3	5494.4	72.5	5162.5	68.1	9.877	0.152	1797.7	1913.3
13:15:00	BS&W at choke manifold showed 99% oil and 1% water.															
13:15:00	48	3.25	1931.1	98.3	254.1	126.0	99.2	127.7	5511.0	91.6	5178.1	86.1	9.725	0.186	1764.7	1878.2
13:18:00	Raised 3.25" orifice plate from gas meter run due to oil carry over into gas line.															
13:20:00	48	0.00	1937.6	97.8	253.7	128.4	0.0	130.4	5477.7	110.7	5146.8	104.0	3.880	0.199	708.4	753.9
13:23:00	Bled down annulus pressure to +/- 250 psi.															
13:25:00	48	0.00	1948.0	98.2	254.2	123.6	0.0	125.3	5588.7	130.1	5251.2	122.2	0.000	0.199	0.0	0.0
13:30:00	BS&W at choke manifold showed 99% oil and 1% water. SG of produced oil 0.829 at 60 degF.															
13:30:00	48	0.00	1965.8	98.5	367.9	131.8	0.0	130.6	5394.4	148.8	5068.6	139.8	0.000	0.199	0.0	0.0
13:31:00	Bypassed 3" oil meter.															
13:32:00	Stopped chemical injection at STT.															
13:34:00	Diverted flow through 3" oil meter.															
13:35:00	48	0.00	1975.0	98.2	1.6	126.5	0.0	129.4	2309.9	156.8	2170.4	147.3	0.000	0.199	0.0	0.0

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
13:39:00	Installed 3.25" orifice plate into gas meter run.															
13:40:00	48	3.25	1987.3	97.7	380.2	129.8	74.5	130.6	5463.8	175.8	5133.8	165.2	4.068	0.213	744.6	792.5
13:45:00	BSW at separator oil line showed 100% oil.															
13:45:00	48	3.25	1989.7	97.3	378.4	124.9	74.2	128.5	5635.9	195.3	5295.5	183.6	10.172	0.249	1804.9	1920.9
13:47:00	Diverted flow through surge tank for combine meter and shrinkage factor.															
13:50:00	48	3.25	1996.1	97.1	382.1	125.0	75.0	125.7	5633.1	214.9	5292.9	201.9	10.293	0.284	1827.2	1944.7
13:51:00	Completed taking combine meter and shrinkage factor. Diverted flow through to port flare boom.															
13:51:00	Obtained meter factor 0.964 and shrinkage factor 6.04%.															
13:54:00	Bled down annulus pressure to +/- 250 psi.															
13:55:00	48	3.25	1998.7	97.3	382.1	121.8	75.0	124.1	5488.8	234.0	5157.3	219.8	10.370	0.320	1889.3	2010.7
14:00:00	BSW at separator oil line showed 100% oil. Draeger (Petrolab) showed 3% CO2 by volume and 1.7 ppm H2S.															
14:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.															
14:00:00	48	3.25	2003.2	97.3	386.8	126.6	75.8	126.7	5527.6	253.2	5193.8	237.9	10.432	0.357	1887.3	2008.7
14:05:00	48	3.25	2003.6	97.1	386.3	124.2	75.9	127.1	5458.3	272.1	5128.6	255.7	10.514	0.393	1926.3	2050.2
14:10:00	48	3.25	2007.9	96.8	390.0	125.1	76.6	125.6	5494.3	291.2	5162.5	273.6	10.570	0.430	1923.8	2047.5
14:15:00	Petrolab reported produced water properties, pH 7.3, conductivity 100 microSeimens and Potassium 800 mg/L.															
14:15:00	BS&W at choke manifold showed 100% oil and trace of water.															
14:15:00	48	3.25	2006.7	96.5	389.5	124.7	76.1	127.5	5449.9	310.1	5120.7	291.4	10.586	0.467	1942.4	2067.3
14:20:00	48	3.25	2008.3	96.4	390.5	124.9	76.5	125.6	5436.0	329.0	5107.7	309.1	10.620	0.503	1953.7	2079.2
14:25:00	Bled down annulus pressure to +/- 250 psi.															
14:25:00	48	3.25	2008.6	96.1	393.8	128.3	77.0	130.2	5405.5	347.8	5079.0	326.8	10.643	0.540	1968.9	2095.4
14:30:00	BS&W at choke manifold showed 100% oil and trace of water. Pour point value established 78 degF.															
14:30:00	48	3.25	2007.3	96.2	392.1	124.3	76.6	125.6	5438.8	366.6	5110.3	344.5	10.642	0.577	1956.7	2082.5
14:35:00	48	3.25	2008.3	96.1	395.8	130.7	76.8	130.9	5400.0	385.4	5073.8	362.1	10.657	0.614	1973.5	2100.4
14:40:00	48	3.25	2004.1	96.3	390.5	122.9	75.6	126.2	5377.7	404.1	5052.9	379.7	10.615	0.651	1973.9	2100.8
14:45:00	BS&W at choke manifold showed 100% oil and trace of water.															
14:45:00	48	3.25	2005.1	96.1	393.6	127.4	75.4	127.6	5386.1	422.8	5060.7	397.2	10.562	0.688	1961.0	2087.0
14:50:00	48	3.25	2000.8	96.0	392.6	125.8	73.6	128.9	5366.6	441.4	5042.5	414.8	10.478	0.724	1952.4	2077.9
14:55:00	48	3.25	2000.2	95.8	391.9	126.7	73.5	127.3	5388.8	460.1	5063.4	432.3	10.413	0.760	1932.3	2056.5
14:58:00	Bled down annulus pressure to +/- 250 psi.															
15:00:00	BS&W at choke manifold showed 100% oil and trace of water. Draeger (Petrolab) showed 4% CO2 by volume and 1.5 ppm H2S.															

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
15:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.															
15:00:00	48	3.25	1995.7	95.8	390.6	128.2	74.1	130.7	5200.1	478.2	4886.0	449.3	10.400	0.797	1999.9	2128.5
15:05:00	Petrolab commenced taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.															
15:05:00	48	3.25	1991.6	96.2	388.3	125.8	73.3	126.7	5297.2	496.6	4977.3	466.6	10.357	0.833	1955.1	2080.8
15:10:00	48	3.25	1988.5	96.4	389.0	128.4	72.7	130.3	5336.1	515.1	5013.8	484.0	10.297	0.868	1929.7	2053.7
15:14:00	Petrolab completed taking 1st set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre from separator oil line.															
15:15:00	BS&W at choke manifold showed 100% oil and trace of water.															
15:15:00	48	3.25	1985.7	96.6	386.7	123.3	72.0	124.3	5263.9	533.4	4946.0	501.2	10.225	0.904	1942.4	2067.3
15:20:00	48	3.25	1982.2	96.8	383.8	122.3	72.1	124.7	5238.9	551.6	4922.5	518.3	10.224	0.939	1951.6	2077.0
15:25:00	48	3.25	1982.8	97.1	385.9	126.4	71.1	126.5	5358.3	570.2	5034.6	535.7	10.165	0.975	1897.1	2019.0
15:26:00	Petrolab commenced taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.															
15:30:00	BS&W at choke manifold showed 100% oil and trace of water.															
15:30:00	48	3.25	1978.9	97.3	383.6	124.8	71.2	127.8	5355.5	588.8	5032.1	553.2	10.130	1.010	1891.5	2013.1
15:35:00	48	3.25	1977.9	97.5	382.1	125.7	71.9	126.9	5386.1	607.5	5060.8	570.8	10.132	1.045	1881.1	2002.0
15:36:00	Petrolab completed taking 2nd set of dead oil samples, 1 x 205 litre drum, 2 x 20 litre and 1 x 5 litre from separator oil line.															
15:38:00	Bled down annulus pressure to +/- 250 psi.															
15:40:00	48	3.25	1974.6	97.6	378.2	117.1	70.6	120.0	5413.8	626.3	5086.8	588.4	10.108	1.080	1867.0	1987.0
15:45:00	BS&W at choke manifold showed 100% oil and trace of water.															
15:45:00	48	3.25	1972.4	97.6	379.0	118.0	70.5	120.7	5444.4	645.2	5115.5	606.2	10.112	1.115	1857.3	1976.7
15:50:00	48	3.25	1972.6	97.7	381.5	121.4	70.6	121.4	5427.7	664.0	5099.9	623.9	10.107	1.150	1862.2	1981.9
15:53:00	Commenced chemical injection pump at 1100 cc/min at SST.															
15:55:00	48	3.25	1970.1	97.6	379.4	120.4	71.6	122.9	5430.4	682.9	5102.4	641.6	10.113	1.185	1862.3	1982.0
16:00:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.															
16:00:00	48	3.25	1972.0	97.5	382.9	127.1	71.4	127.5	5394.4	701.6	5068.6	659.2	10.128	1.221	1877.6	1998.3
16:05:00	48	3.25	1968.9	97.6	381.1	124.8	71.3	126.7	5419.4	720.4	5092.1	676.9	10.085	1.256	1861.0	1980.6
16:10:00	48	3.25	1970.7	97.7	382.4	131.2	71.5	131.3	5386.1	739.1	5060.7	694.5	10.088	1.291	1873.1	1993.5
16:15:00	Bled off common close line pressure. Bled off LV open line.															
16:15:00	BS&W at choke manifold showed 100% oil and trace of water.															
16:15:00	48	3.25	1967.7	97.7	380.5	127.4	70.6	130.6	5375.0	757.8	5050.3	712.0	10.068	1.326	1873.2	1993.6
16:20:00	48	3.25	1969.1	97.5	381.7	131.7	72.3	132.1	5399.9	776.5	5073.8	729.6	10.062	1.360	1863.4	1983.2
16:25:00	48	3.25	1965.4	97.6	379.9	130.3	71.5	133.8	5372.2	795.2	5047.7	747.2	10.038	1.395	1868.4	1988.5

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

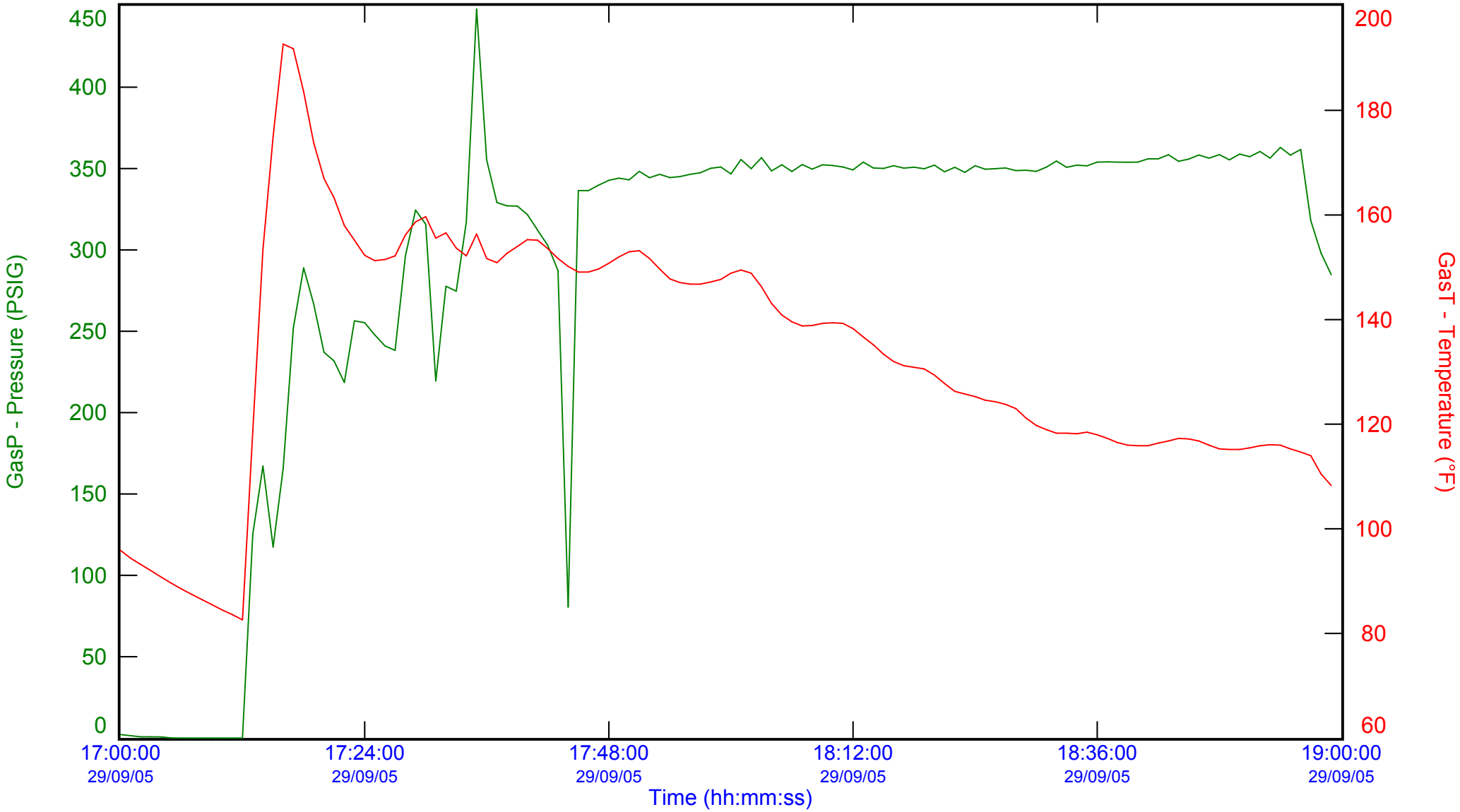
Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
16:30:00	BS&W at choke manifold showed 100% oil and trace of water.															
16:30:00	48	3.25	1967.1	97.4	381.0	133.1	71.4	133.8	5402.8	813.9	5076.4	764.8	10.014	1.430	1853.5	1972.7
16:35:00	48	3.25	1964.4	97.2	381.4	132.7	71.7	136.4	5358.3	832.5	5034.7	782.3	10.037	1.465	1873.2	1993.6
16:40:00	48	3.25	1966.2	97.6	381.2	131.7	70.3	132.9	5391.6	851.3	5066.0	799.9	9.971	1.500	1849.3	1968.2
16:45:00	BS&W at choke manifold showed 100% oil and trace of water.															
16:45:00	48	3.25	1967.1	97.5	384.6	137.5	70.3	139.9	5388.8	870.0	5063.4	817.4	9.971	1.534	1850.3	1969.2
16:46:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.															
16:46:00	End of flow test for lower group.															

Separator - Data Listing - Upper Group (re-test)

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP 3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT 3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT LOWER GROUP 3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT 3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

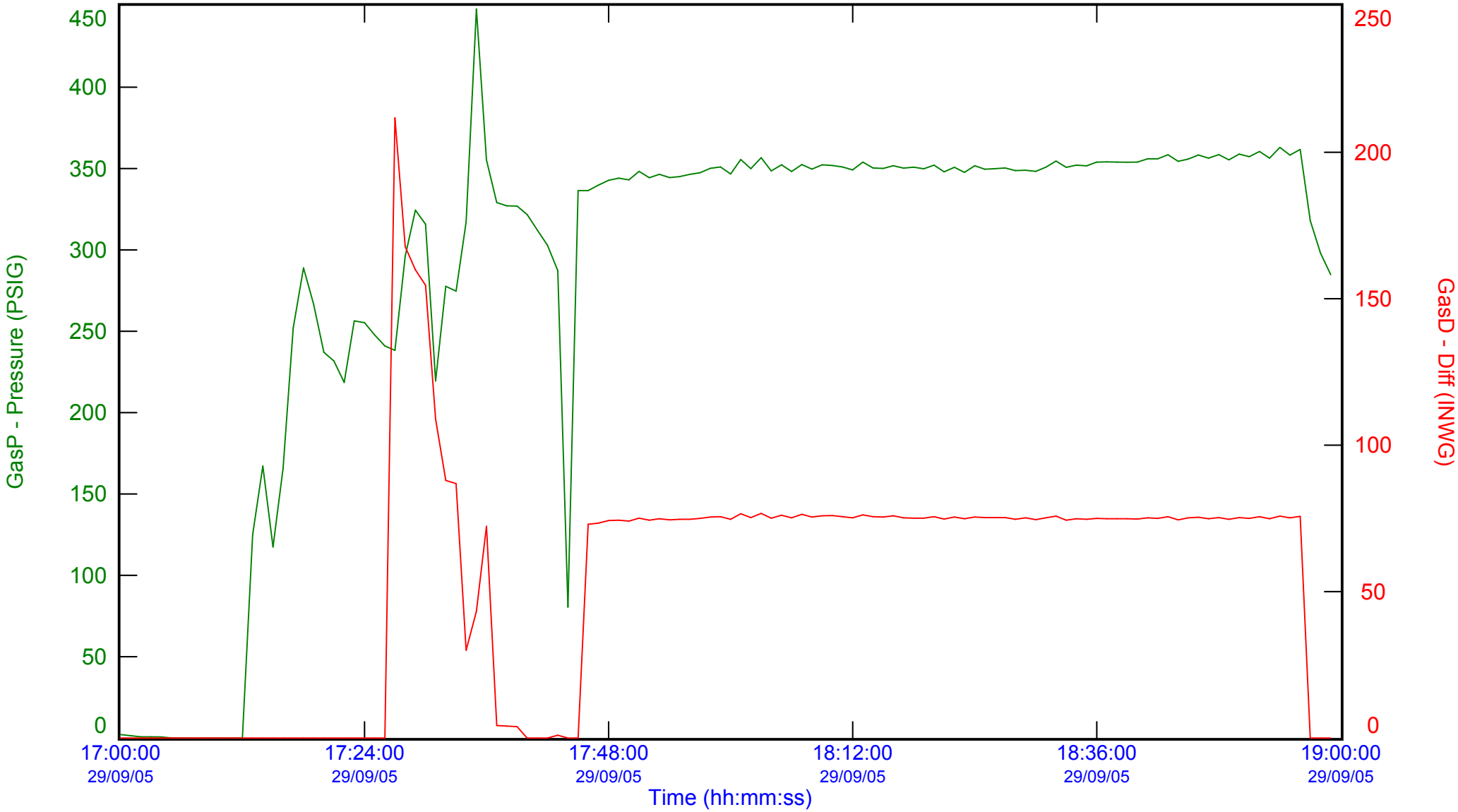
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



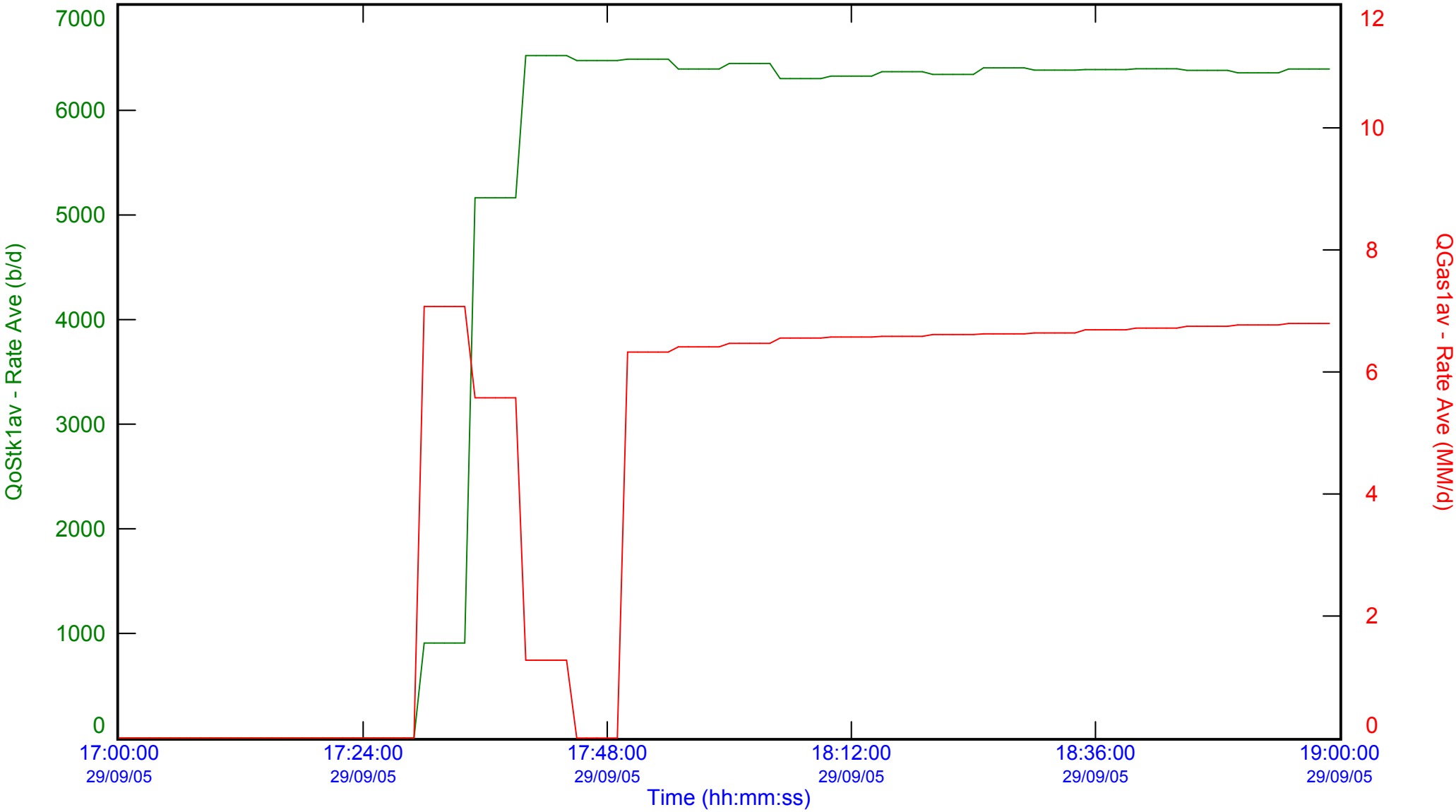
Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Data Type**	EDGE Data
Well No.	Basker-2	**Comments**	Separator Plot
Test No.	Completion		Upper Group (re-test)
Location	Ocean Patriot 186		

THE EXPRO GROUP



Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
17:12:00	Opened well (Upper Group) on 24/64" adjustable choke through oil meter to the port flare boom for re-test.															
17:13:00	Gradually increased adjustable choke to 48/64".															
17:15:00	BS&W at choke manifold showed 100% oil and trace of water.															
17:18:00	Adjustable choke at 48/64".															
17:19:00	Diverted flow through 48/64" fixed choke.															
17:20:00	BS&W at choke manifold showed 100% oil and trace of water. SG of produced gas 0.845. SG of produced oil 0.824 at 60 degF.															
17:25:00	48	0.00	1808.8	92.6	247.8	151.3	0.0	158.1	0.0	0.0	0.0	0.0	0.000	0.000		
17:27:00	Installed 2.75" orifice plate into gas meter run.															
17:29:00	Diverted flow through 3" oil meter. Used shrinkage factor 6.04% and meter factor 0.968 from previous flow period in Upper Group.															
17:30:00	BS&W at choke manifold showed 100% oil and trace of water.															
17:30:00	48	2.75	1580.9	92.6	315.8	159.7	154.6	158.7	967.3	2.6	908.9	2.5	7.074	0.007	7312.85	7782.93
17:35:00	48	2.75	1649.2	97.8	448.1	156.4	43.3	157.6	5497.6	21.7	5165.6	20.4	5.577	0.026	1014.44	1079.65
17:37:00	Raised 2.75" orifice plate into gas meter run due to oil carry over to the gas line.															
17:40:00	48	0.00	1668.6	99.6	321.8	155.3	0.0	158.4	6944.6	45.8	6525.1	43.1	1.277	0.031	183.88	195.70
17:45:00	BS&W at choke manifold showed 100% oil and trace of water.															
17:45:00	48	0.00	1683.7	101.0	336.5	149.1	0.0	154.5	6894.3	69.8	6477.9	65.5	0.000	0.031	0.00	0.00
17:46:00	Installed 2.75" orifice plate into gas meter run.															
17:50:00	48	2.75	1696.0	102.3	343.1	153.0	74.1	155.7	6908.3	93.8	6491.0	88.1	6.326	0.053	915.65	974.51
17:55:00	48	2.75	1703.9	103.5	345.1	147.1	74.7	151.6	6807.9	117.4	6396.7	110.3	6.412	0.075	941.80	1002.35
18:00:00	BS&W at choke manifold showed 100% oil and trace of water.															
18:00:00	SG of produced gas 0.782. SG of produced oil 0.829 at 60 degF.															
18:00:00	48	2.75	1713.6	104.4	346.7	148.9	74.7	151.4	6863.7	141.2	6449.1	132.7	6.469	0.098	942.47	1003.05
18:05:00	48	2.75	1717.6	104.9	352.3	140.9	76.1	146.4	6710.3	164.5	6305.0	154.6	6.556	0.120	977.05	1039.86
18:10:00	48	2.75	1724.6	105.4	351.9	139.4	76.0	141.6	6735.4	187.9	6328.6	176.6	6.574	0.143	976.10	1038.85
18:15:00	BS&W at choke manifold showed 100% oil and trace of water.															
18:15:00	48	2.75	1728.1	105.6	350.1	133.4	75.5	137.6	6780.0	211.4	6370.5	198.7	6.584	0.166	971.09	1033.51
18:20:00	48	2.75	1733.0	105.9	352.1	129.4	75.6	132.3	6752.1	234.9	6344.3	220.7	6.614	0.189	979.57	1042.54
18:25:00	48	2.75	1737.1	106.0	349.6	124.6	75.3	126.9	6819.1	258.6	6407.2	243.0	6.625	0.212	971.51	1033.96
18:30:00	BS&W at choke manifold showed 100% oil and trace of water.															
18:30:00	48	2.75	1739.3	106.1	348.3	119.8	74.6	122.9	6796.8	282.2	6386.2	265.1	6.639	0.235	976.86	1039.65
18:35:00	48	2.75	1744.0	106.1	351.7	118.5	74.7	119.9	6802.3	305.8	6391.4	287.3	6.692	0.258	983.75	1046.99

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time	Choke	Orifice	UcP	UcT	GasP	GasT	GasD	OilT	QoSep1av	Sep1Cum	QoStk1av	Stk1Cum	QGas1av	Gas1Cum	SepGORav	StkGORav
hh:mm:ss	64th	ins	PSIG	°F	PSIG	°F	INWG	°F	b/d	bbls	b/d	bbls	MM/d	MMcf	cf/b	cf/b
29/09/05																
18:40:00	48	2.75	1747.3	106.1	354.0	115.9	74.8	117.7	6810.7	329.4	6399.4	309.5	6.720	0.282	986.70	1050.13
18:45:00	BS&W at choke manifold showed 100% oil and trace of water.															
18:45:00	48	2.75	1751.2	106.2	355.9	117.2	75.2	118.9	6794.0	353.0	6383.6	331.7	6.749	0.305	993.41	1057.27
18:50:00	48	2.75	1753.8	106.3	358.9	115.2	75.3	117.1	6768.8	376.5	6360.0	353.8	6.771	0.329	1000.36	1064.66
18:55:00	48	2.75	1756.1	106.2	358.3	115.3	75.2	117.8	6807.9	400.2	6396.8	376.0	6.795	0.352	998.04	1062.20
18:57:00	Raised 3.25" orifice plate from gas meter run. Bypassed separator. Shut well in at choke manifold.															
18:57:00	End of flow test for Upper group.															

Oil Calculation - Data Listing - Upper and Lower Groups

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	OilP PSIG	OilT °F	MF2 fact	API API	BSWSep %	1-Shrk fact	OilVcf fact	QoSep1i b/d	QoSep1av b/d	QoStk1i b/d	QoStk1av b/d
29/09/05											
08:20:00	0.0	107.7	1.000	37.0	0.0	1.000	1.000	0.0	0.0	0.0	0.0
08:25:00	0.0	111.4	1.000	37.0	0.0	1.000	1.000	0.0	0.0	0.0	0.0
08:30:00	0.0	121.8	1.000	37.0	0.0	1.000	1.000	0.0	0.0	0.0	0.0
08:35:00	284.9	132.2	1.000	37.0	0.0	1.000	1.000	0.0	0.0	0.0	0.0
08:40:00	272.6	132.8	0.968	37.0	0.0	0.940	1.000	5185.4	1039.9	4872.2	977.1
08:45:00	273.9	129.6	0.968	37.0	0.0	0.940	1.000	5673.3	5748.5	5330.6	5401.3
08:50:00	275.5	133.3	0.968	37.0	0.0	0.940	1.000	5241.1	5578.5	4924.6	5241.5
08:55:00	273.1	126.8	0.968	37.0	0.0	0.940	1.000	5673.3	5703.9	5330.6	5359.4
09:00:00	267.2	123.1	0.968	40.0	0.0	0.940	1.000	5645.4	5695.6	5304.4	5351.6
09:05:00	256.2	119.5	0.968	40.0	0.0	0.940	1.000	5575.7	5556.2	5238.9	5220.6
09:10:00	254.0	115.7	0.968	40.0	0.0	0.940	1.000	5352.6	5380.5	5029.4	5055.6
09:15:00	252.7	115.6	0.968	40.0	0.0	0.940	1.000	5283.0	5419.6	4963.9	5092.2
09:20:00	251.4	109.9	0.968	40.0	0.0	0.940	1.000	5143.6	5391.7	4832.9	5066.0
09:25:00	248.8	109.3	0.968	40.0	0.0	0.940	1.000	5129.6	5322.0	4819.8	5000.5
09:30:00	247.7	107.8	0.968	40.0	0.0	0.940	1.000	5394.5	5210.5	5068.7	4895.8
09:35:00	249.9	106.3	0.968	40.0	0.0	0.940	1.000	5464.2	5330.4	5134.2	5008.4
09:40:00	250.8	110.8	0.968	40.0	0.0	0.940	1.000	5338.7	5366.6	5016.3	5042.4
09:45:00	254.2	114.6	0.968	40.0	0.0	0.940	1.000	5338.7	5344.3	5016.3	5021.5
09:50:00	253.1	121.1	0.968	40.0	0.0	0.940	1.000	5213.3	5179.8	4898.4	4866.9
09:55:00	241.9	127.4	0.968	40.0	0.0	0.940	1.000	4892.7	5026.5	4597.2	4722.9
10:00:00	232.7	134.4	0.968	40.0	0.0	0.940	1.000	4892.6	4803.4	4597.1	4513.3
10:05:00	232.6	137.3	0.968	40.0	0.0	0.940	1.000	4488.4	4644.6	4217.4	4364.0
10:10:00	231.9	145.5	0.968	40.0	0.0	0.940	1.000	4390.9	4569.3	4125.6	4293.3
10:15:00	226.5	135.0	0.968	40.0	0.0	0.940	1.000	4655.7	4652.9	4374.5	4371.9
10:20:00	226.3	141.0	0.968	40.0	0.0	0.940	1.000	4711.5	4627.8	4426.9	4348.3
10:25:00	226.8	140.5	0.968	40.0	0.0	0.940	1.000	4627.8	4641.8	4348.3	4361.4
10:30:00	227.0	145.2	0.968	40.0	0.0	0.940	1.000	4725.4	4650.1	4440.0	4369.2
10:35:00	229.6	149.7	0.968	40.0	0.0	0.940	1.000	4363.0	4555.3	4099.4	4280.2
10:40:00	229.1	149.0	0.968	40.0	0.0	0.940	1.000	4488.4	4602.7	4217.3	4324.7
10:45:00	230.3	155.3	0.968	40.0	0.0	0.940	1.000	4739.3	4605.5	4453.1	4327.4
10:50:00	226.3	146.6	0.968	40.0	0.0	0.940	1.000	4711.4	4675.2	4426.9	4392.8

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	OilP PSIG	OilT °F	MF2 fact	API API	BSWSep %	1-Shrk fact	OilVcf fact	QoSep1i b/d	QoSep1av b/d	QoStk1i b/d	QoStk1av b/d
29/09/05											
10:55:00	226.8	149.3	0.968	40.0	0.0	0.940	1.000	4920.5	4630.6	4623.3	4350.9
11:00:00	227.1	146.9	0.968	40.0	0.0	0.940	1.000	4599.9	4574.9	4322.1	4298.5
11:05:00	227.3	149.0	0.968	40.0	0.0	0.940	1.000	4586.1	4625.0	4309.1	4345.7
11:10:00	229.0	153.0	0.968	40.0	0.0	0.940	1.000	4376.9	4555.3	4112.5	4280.2
11:15:00	228.1	150.3	0.968	40.0	0.0	0.940	1.000	4307.2	4639.0	4047.1	4358.8
11:20:00	228.2	155.4	0.968	40.0	0.0	0.940	1.000	4558.1	4574.9	4282.8	4298.5
11:25:00	227.3	149.1	0.968	40.0	0.0	0.940	1.000	4488.4	4627.8	4217.3	4348.3
11:30:00	225.5	150.7	0.968	40.0	0.0	0.940	1.000	4683.6	4611.1	4400.7	4332.6
11:35:00	225.9	147.8	0.968	40.0	0.0	0.940	1.000	4488.4	4625.0	4217.3	4345.7
11:40:00	225.1	151.4	0.968	40.0	0.0	0.940	1.000	4446.6	4563.7	4178.0	4288.1
11:45:00	10.8	142.7	0.968	40.0	0.0	0.940	1.000	1310.4	4011.7	1231.3	3769.4
11:50:00	0.2	136.8	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
11:55:00	0.0	134.5	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:00:00	0.0	131.1	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:05:00	97.9	139.2	0.968	40.0	0.0	0.940	1.000	362.4	579.9	340.5	544.9
12:10:00	162.5	200.3	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:15:00	208.2	175.6	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:20:00	238.4	157.5	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:25:00	282.3	159.9	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:30:00	261.3	149.6	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:35:00	219.5	145.7	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:40:00	284.7	143.6	0.968	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:45:00	258.6	136.1	0.968	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:50:00	263.4	136.3	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
12:55:00	258.3	131.9	0.964	39.0	0.0	0.940	1.000	5885.8	4472.6	5530.3	4202.5
13:00:00	260.7	133.6	0.964	39.0	0.0	0.940	1.000	5483.2	5408.3	5152.0	5081.6
13:05:00	257.4	128.9	0.964	39.0	0.0	0.940	1.000	5483.1	5505.4	5151.9	5172.9
13:10:00	260.0	132.3	0.964	39.0	0.0	0.940	1.000	5649.8	5494.4	5308.6	5162.5
13:15:00	254.1	127.7	0.964	39.0	0.0	0.940	1.000	5705.3	5511.0	5360.7	5178.1
13:20:00	253.7	130.4	0.964	39.0	0.0	0.940	1.000	5399.9	5477.7	5073.8	5146.8
13:25:00	254.2	125.3	0.964	39.0	0.0	0.940	1.000	5524.9	5588.7	5191.2	5251.2

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	OilP PSIG	OilT °F	MF2 fact	API API	BSWSep %	1-Shrk fact	OilVcf fact	QoSep1i b/d	QoSep1av b/d	QoStk1i b/d	QoStk1av b/d
29/09/05											
13:30:00	367.9	130.6	0.964	39.0	0.0	0.940	1.000	5275.0	5394.4	4956.4	5068.6
13:35:00	1.6	129.4	0.964	39.0	0.0	0.940	1.000	5761.0	2309.9	5413.0	2170.4
13:40:00	380.2	130.6	0.964	39.0	0.0	0.940	1.000	5302.7	5463.8	4982.4	5133.8
13:45:00	378.4	128.5	0.964	39.0	0.0	0.940	1.000	5538.9	5635.9	5204.3	5295.5
13:50:00	382.1	125.7	0.964	39.0	0.0	0.940	1.000	5608.1	5633.1	5269.3	5292.9
13:55:00	382.1	124.1	0.964	39.0	0.0	0.940	1.000	5455.5	5488.8	5126.0	5157.3
14:00:00	386.8	126.7	0.964	39.0	0.0	0.940	1.000	5524.8	5527.6	5191.1	5193.8
14:05:00	386.3	127.1	0.964	39.0	0.0	0.940	1.000	5511.1	5458.3	5178.2	5128.6
14:10:00	390.0	125.6	0.964	39.0	0.0	0.940	1.000	5511.1	5494.3	5178.2	5162.5
14:15:00	389.5	127.5	0.964	39.0	0.0	0.940	1.000	5524.9	5449.9	5191.2	5120.7
14:20:00	390.5	125.6	0.964	39.0	0.0	0.940	1.000	5483.2	5436.0	5152.0	5107.7
14:25:00	393.8	130.2	0.964	39.0	0.0	0.940	1.000	5455.6	5405.5	5126.1	5079.0
14:30:00	392.1	125.6	0.964	39.0	0.0	0.940	1.000	5455.4	5438.8	5125.9	5110.3
14:35:00	395.8	130.9	0.964	39.0	0.0	0.940	1.000	5399.9	5400.0	5073.8	5073.8
14:40:00	390.5	126.2	0.964	39.0	0.0	0.940	1.000	5483.2	5377.7	5152.0	5052.9
14:45:00	393.6	127.6	0.964	39.0	0.0	0.940	1.000	5372.2	5386.1	5047.7	5060.7
14:50:00	392.6	128.9	0.964	39.0	0.0	0.940	1.000	5386.2	5366.6	5060.8	5042.5
14:55:00	391.9	127.3	0.964	39.0	0.0	0.940	1.000	5302.8	5388.8	4982.5	5063.4
15:00:00	390.6	130.7	0.964	39.0	0.0	0.940	1.000	5219.5	5200.1	4904.2	4886.0
15:05:00	388.3	126.7	0.964	39.0	0.0	0.940	1.000	5455.6	5297.2	5126.1	4977.3
15:10:00	389.0	130.3	0.964	39.0	0.0	0.940	1.000	5205.5	5336.1	4891.1	5013.8
15:15:00	386.7	124.3	0.964	39.0	0.0	0.940	1.000	4969.6	5263.9	4669.4	4946.0
15:20:00	383.8	124.7	0.964	39.0	0.0	0.940	1.000	5205.6	5238.9	4891.2	4922.5
15:25:00	385.9	126.5	0.964	39.0	0.0	0.940	1.000	5372.2	5358.3	5047.7	5034.6
15:30:00	383.6	127.8	0.964	39.0	0.0	0.940	1.000	5302.7	5355.5	4982.4	5032.1
15:35:00	382.1	126.9	0.964	39.0	0.0	0.940	1.000	5469.4	5386.1	5139.0	5060.8
15:40:00	378.2	120.0	0.964	39.0	0.0	0.940	1.000	5302.9	5413.8	4982.6	5086.8
15:45:00	379.0	120.7	0.964	39.0	0.0	0.940	1.000	5427.7	5444.4	5099.9	5115.5
15:50:00	381.5	121.4	0.964	39.0	0.0	0.940	1.000	5386.3	5427.7	5060.9	5099.9
15:55:00	379.4	122.9	0.964	39.0	0.0	0.940	1.000	5483.0	5430.4	5151.8	5102.4
16:00:00	382.9	127.5	0.964	39.0	0.0	0.940	1.000	5330.5	5394.4	5008.6	5068.6

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	OilP PSIG	OilT °F	MF2 fact	API API	BSWSep %	1-Shrk fact	OilVcf fact	QoSep1i b/d	QoSep1av b/d	QoStk1i b/d	QoStk1av b/d
29/09/05											
16:05:00	381.1	126.7	0.964	39.0	0.0	0.940	1.000	5302.8	5419.4	4982.5	5092.1
16:10:00	382.4	131.3	0.964	39.0	0.0	0.940	1.000	5455.7	5386.1	5126.2	5060.7
16:15:00	380.5	130.6	0.964	39.0	0.0	0.940	1.000	5344.4	5375.0	5021.6	5050.3
16:20:00	381.7	132.1	0.964	39.0	0.0	0.940	1.000	5372.0	5399.9	5047.5	5073.8
16:25:00	379.9	133.8	0.964	39.0	0.0	0.940	1.000	5427.7	5372.2	5099.9	5047.7
16:30:00	381.0	133.8	0.964	39.0	0.0	0.940	1.000	5441.8	5402.8	5113.1	5076.4
16:35:00	381.4	136.4	0.964	39.0	0.0	0.940	1.000	5414.0	5358.3	5087.0	5034.7
16:40:00	381.2	132.9	0.964	39.0	0.0	0.940	1.000	5358.3	5391.6	5034.7	5066.0
16:45:00	384.6	139.9	0.964	39.0	0.0	0.940	1.000	5344.4	5388.8	5021.6	5063.4
16:50:00	25.6	130.0	0.964	39.0	0.0	0.940	1.000	0.0	799.6	0.0	751.3
16:55:00	9.7	126.6	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:00:00	2.2	120.4	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:05:00	0.1	116.6	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:10:00	0.0	114.1	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:15:00	117.5	116.7	0.964	39.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:20:00	237.1	183.3	0.964	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:25:00	247.8	158.1	0.964	40.0	0.0	0.940	1.000	0.0	0.0	0.0	0.0
17:30:00	315.8	158.7	0.968	40.0	0.0	0.940	1.000	3763.4	967.3	3536.1	908.9
17:35:00	448.1	157.6	0.968	40.0	0.0	0.940	1.000	5506.0	5497.6	5173.4	5165.6
17:40:00	321.8	158.4	0.968	40.0	0.0	0.940	1.000	6788.4	6944.6	6378.4	6525.1
17:45:00	336.5	154.5	0.968	40.0	0.0	0.940	1.000	6746.6	6894.3	6339.1	6477.9
17:50:00	343.1	155.7	0.968	40.0	0.0	0.940	1.000	6886.0	6908.3	6470.1	6491.0
17:55:00	345.1	151.6	0.968	40.0	0.0	0.940	1.000	6774.4	6807.9	6365.3	6396.7
18:00:00	346.7	151.4	0.968	40.0	0.0	0.940	1.000	7067.2	6863.7	6640.3	6449.1
18:05:00	352.3	146.4	0.968	40.0	0.0	0.940	1.000	6635.3	6710.3	6234.5	6305.0
18:10:00	351.9	141.6	0.968	40.0	0.0	0.940	1.000	6579.3	6735.4	6181.9	6328.6
18:15:00	350.1	137.6	0.968	40.0	0.0	0.940	1.000	6774.2	6780.0	6365.1	6370.5
18:20:00	352.1	132.3	0.968	40.0	0.0	0.940	1.000	6746.6	6752.1	6339.1	6344.3
18:25:00	349.6	126.9	0.968	40.0	0.0	0.940	1.000	6886.0	6819.1	6470.1	6407.2
18:30:00	348.3	122.9	0.968	40.0	0.0	0.940	1.000	6802.6	6796.8	6391.7	6386.2
18:35:00	351.7	119.9	0.968	40.0	0.0	0.940	1.000	6774.2	6802.3	6365.1	6391.4

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	OilP PSIG	OilT °F	MF2 fact	API API	BSWSep %	1-Shrk fact	OilVcf fact	QoSep1i b/d	QoSep1av b/d	QoStk1i b/d	QoStk1av b/d
29/09/05											
18:40:00	354.0	117.7	0.968	40.0	0.0	0.940	1.000	6802.6	6810.7	6391.7	6399.4
18:45:00	355.9	118.9	0.968	40.0	0.0	0.940	1.000	6760.5	6794.0	6352.2	6383.6
18:50:00	358.9	117.1	0.968	40.0	0.0	0.940	1.000	6690.6	6768.8	6286.5	6360.0
18:55:00	358.3	117.8	0.968	40.0	0.0	0.940	1.000	7025.4	6807.9	6601.0	6396.8

Gas Calculation - Data Listing - Upper and Lower Groups

Client	Anzon Australia Ltd
Well No.	Basker-2
Test No.	Completion
Location	Ocean Patriot 186
Start Date	22/09/05
Country	Australia
Permit	VIC/RL6
Job Number	J05/353
Formation	Intra-Latrobe Sandstones
Expro Engineer	J. Jie / B. Tupman
Expro Supervisor	F. Beaton
Client Engineer	J. Keresztesi / Kuan Chung
Perforations	UPPER GROUP
	3022.3 - 3026.6 mMDRT, 3097.6 - 3102.3 mMDRT
	3104.6 - 3109.0 mMDRT, 3130.6 - 3141.6 mMDRT
	LOWER GROUP
	3239.6 - 3243.6 mMDRT, 3261.7 - 3269.3 mMDRT
	3273.0 - 3283.0 mMDRT, 3287.0 - 3291.0 mMDRT

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Orifice ins	GasP PSIG	GasT °F	GasD INWG	GasSG Fact	Co2 mol%	H2S ppm	GasFb Fact	GasFr Fact	GasY Fact	GasFpb Fact	GasFtb Fact	GasFtf Fact	GasFgr Fact	GasFpv Fact	GasC Fact	GasPf PSIA	QGas1i MM/d	QGas1av MM/d
29/09/05																			
08:20:00	0.00	0.0	60.4	0.0	0.832	0.0	0.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.6	0.000	0.000
08:25:00	0.00	0.0	62.3	0.0	0.832	0.0	0.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.7	0.000	0.000
08:30:00	0.00	0.0	119.0	0.0	0.832	0.0	0.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.7	0.000	0.000
08:35:00	0.00	284.9	127.0	0.0	0.832	0.0	0.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	299.6	0.000	0.000
08:40:00	0.00	272.6	125.2	0.0	0.832	12.5	2.8	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	287.3	0.000	0.000
08:45:00	2.75	273.9	125.4	120.2	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9425	1.0963	1.0241	1666.0	288.6	7.449	1.490
08:50:00	2.75	275.5	128.2	121.2	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9402	1.0963	1.0238	1661.6	290.2	7.479	7.470
08:55:00	2.75	273.1	122.8	120.4	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9446	1.0963	1.0244	1670.2	287.8	7.464	7.448
09:00:00	2.75	267.2	117.3	117.1	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9491	1.0963	1.0246	1678.6	281.9	7.322	7.404
09:05:00	2.75	256.2	117.1	112.6	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9492	1.0963	1.0237	1677.4	270.9	7.032	7.114
09:10:00	2.75	254.0	111.0	110.9	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9542	1.0963	1.0243	1687.4	268.7	6.991	6.992
09:15:00	2.75	252.7	111.3	110.5	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9540	1.0963	1.0242	1686.7	267.4	6.960	6.942
09:20:00	2.75	251.4	107.8	109.8	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9569	1.0963	1.0246	1692.5	266.1	6.944	6.919
09:25:00	2.75	248.8	105.0	107.9	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9593	1.0963	1.0247	1697.1	263.5	6.870	6.890
09:30:00	2.75	247.7	104.9	106.9	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9594	1.0963	1.0246	1697.1	262.4	6.823	6.860
09:35:00	2.75	249.9	104.8	107.8	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9595	1.0963	1.0249	1697.7	264.6	6.882	6.873
09:40:00	2.75	250.8	106.8	109.1	0.832	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9578	1.0963	1.0247	1694.3	265.5	6.922	6.893
09:45:00	2.75	254.2	113.7	110.5	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9520	1.0879	1.0248	1671.3	268.9	6.913	6.911
09:50:00	2.75	253.1	117.4	110.3	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9490	1.0879	1.0242	1664.9	267.8	6.868	6.884
09:55:00	2.75	241.9	127.2	105.6	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9410	1.0879	1.0218	1647.2	256.6	6.507	6.659
10:00:00	2.75	232.7	128.9	102.6	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9396	1.0879	1.0208	1643.0	247.4	6.281	6.373
10:05:00	2.75	232.6	134.6	102.8	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9351	1.0879	1.0201	1634.0	247.3	6.253	6.259
10:10:00	2.75	231.9	140.3	103.2	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9307	1.0879	1.0194	1625.0	246.6	6.220	6.222
10:15:00	2.75	226.5	129.7	100.9	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9390	1.0879	1.0202	1640.9	241.2	6.143	6.135
10:20:00	2.75	226.3	138.6	100.8	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9320	1.0879	1.0191	1626.9	241.0	6.085	6.118
10:25:00	2.75	226.8	134.9	100.6	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9349	1.0879	1.0196	1632.7	241.5	6.108	6.124
10:30:00	2.75	227.0	142.7	101.2	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9288	1.0879	1.0188	1620.8	241.7	6.085	6.106
10:35:00	2.75	229.6	143.7	101.9	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9280	1.0879	1.0189	1619.6	244.3	6.133	6.126
10:40:00	2.75	229.1	145.7	101.6	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9265	1.0879	1.0186	1616.6	243.8	6.107	6.094
10:45:00	2.75	230.3	150.0	102.2	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9232	1.0879	1.0183	1610.3	245.0	6.116	6.117
10:50:00	2.75	226.3	140.9	100.4	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9302	1.0879	1.0189	1623.5	241.0	6.060	6.083

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Orifice ins	GasP PSIG	GasT °F	GasD INWG	GasSG Fact	Co2 mol%	H2S ppm	GasFb Fact	GasFr Fact	GasY Fact	GasFpb Fact	GasFtb Fact	GasFtf Fact	GasFgr Fact	GasFpv Fact	GasC Fact	GasPf PSIA	QGas1i MM/d	QGas1av MM/d
29/09/05																			
10:55:00	2.75	226.8	146.5	100.7	0.845	12.5	2.8	1582.1	1.0000	1.0000	1.0000	1.0000	0.9259	1.0879	1.0184	1615.1	241.5	6.045	6.062
11:00:00	2.75	227.1	141.1	100.9	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9300	1.0879	1.0186	1622.7	241.8	6.083	6.059
11:05:00	2.75	227.3	146.7	100.4	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9257	1.0879	1.0180	1614.4	242.0	6.040	6.054
11:10:00	2.75	229.0	146.9	101.2	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9256	1.0879	1.0181	1614.2	243.7	6.086	6.071
11:15:00	2.75	228.1	146.9	101.3	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9256	1.0879	1.0181	1614.1	242.8	6.075	6.027
11:20:00	2.75	228.2	149.8	100.9	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9234	1.0879	1.0178	1609.9	242.9	6.049	6.051
11:25:00	2.75	227.3	144.5	100.9	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9274	1.0879	1.0183	1617.6	242.0	6.068	6.030
11:30:00	2.75	225.5	145.3	99.7	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9268	1.0879	1.0180	1616.2	240.2	6.002	6.008
11:35:00	2.75	225.9	144.6	100.2	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9274	1.0879	1.0181	1617.3	240.6	6.027	6.010
11:40:00	2.75	225.1	145.9	99.5	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9263	1.0879	1.0179	1615.3	239.8	5.989	5.993
11:45:00	0.00	10.8	127.5	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	25.5	0.000	3.570
11:50:00	0.00	0.2	116.9	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.9	0.000	0.000
11:55:00	0.00	0.0	105.4	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.5	0.000	0.000
12:00:00	0.00	0.0	96.4	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.6	0.000	0.000
12:05:00	0.00	97.9	174.3	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	112.6	0.000	0.000
12:10:00	0.00	162.5	187.2	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	177.2	0.000	0.000
12:15:00	0.00	208.2	152.7	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	222.9	0.000	0.000
12:20:00	0.00	238.4	155.3	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	253.1	0.000	0.000
12:25:00	0.00	282.3	151.2	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	297.0	0.000	0.000
12:30:00	0.00	261.3	143.1	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	276.0	0.000	0.000
12:35:00	0.00	219.5	141.1	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	234.2	0.000	0.000
12:40:00	0.00	284.7	140.6	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	299.4	0.000	0.000
12:45:00	0.00	258.6	132.9	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	273.3	0.000	0.000
12:50:00	3.25	263.4	135.1	105.7	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9347	1.1279	1.0230	2444.3	278.1	10.059	4.003
12:55:00	3.25	258.3	129.0	103.1	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9396	1.1279	1.0233	2458.2	273.0	9.899	9.969
13:00:00	3.25	260.7	132.6	103.7	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9367	1.1279	1.0231	2450.1	275.4	9.938	9.973
13:05:00	3.25	257.4	126.7	102.9	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9414	1.1279	1.0236	2463.5	272.1	9.895	9.947
13:10:00	3.25	260.0	130.2	100.2	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9386	1.1279	1.0233	2455.8	274.7	9.780	9.877
13:15:00	3.25	254.1	126.0	99.2	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9420	1.1279	1.0234	2464.8	268.8	9.658	9.725
13:20:00	0.00	253.7	128.4	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	268.4	0.000	3.880
13:25:00	0.00	254.2	123.6	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	268.9	0.000	0.000

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Orifice ins	GasP PSIG	GasT °F	GasD INWG	GasSG Fact	Co2 mol%	H2S ppm	GasFb Fact	GasFr Fact	GasY Fact	GasFpb Fact	GasFtb Fact	GasFtf Fact	GasFgr Fact	GasFpv Fact	GasC Fact	GasPf PSIA	QGas1i MM/d	QGas1av MM/d
29/09/05																			
13:30:00	0.00	367.9	131.8	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	382.6	0.000	0.000
13:35:00	0.00	1.6	126.5	0.0	0.786	4.0	1.7	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	16.3	0.000	0.000
13:40:00	3.25	380.2	129.8	74.5	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9389	1.1279	1.0341	2487.9	394.9	10.242	4.068
13:45:00	3.25	378.4	124.9	74.2	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9429	1.1279	1.0350	2500.6	393.1	10.254	10.172
13:50:00	3.25	382.1	125.0	75.0	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9428	1.1279	1.0353	2501.2	396.8	10.357	10.293
13:55:00	3.25	382.1	121.8	75.0	0.786	4.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9454	1.1279	1.0360	2509.7	396.8	10.395	10.370
14:00:00	3.25	386.8	126.6	75.8	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9415	1.1308	1.0358	2505.3	401.5	10.489	10.432
14:05:00	3.25	386.3	124.2	75.9	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9434	1.1308	1.0363	2511.6	401.0	10.518	10.514
14:10:00	3.25	390.0	125.1	76.6	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9427	1.1308	1.0364	2510.1	404.7	10.608	10.570
14:15:00	3.25	389.5	124.7	76.1	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9430	1.1308	1.0365	2511.1	404.2	10.573	10.586
14:20:00	3.25	390.5	124.9	76.5	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9429	1.1308	1.0365	2510.8	405.2	10.608	10.620
14:25:00	3.25	393.8	128.3	77.0	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9402	1.1308	1.0361	2502.4	408.5	10.652	10.643
14:30:00	3.25	392.1	124.3	76.6	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9434	1.1308	1.0368	2512.7	406.8	10.644	10.642
14:35:00	3.25	395.8	130.7	76.8	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9382	1.1308	1.0357	2496.3	410.5	10.640	10.657
14:40:00	3.25	390.5	122.9	75.6	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9445	1.1308	1.0370	2516.2	405.2	10.568	10.615
14:45:00	3.25	393.6	127.4	75.4	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9409	1.1308	1.0363	2504.9	408.3	10.545	10.562
14:50:00	3.25	392.6	125.8	73.6	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9422	1.1308	1.0365	2509.1	407.3	10.423	10.478
14:55:00	3.25	391.9	126.7	73.5	0.782	3.0	1.7	2276.6	1.0000	1.0000	1.0000	1.0000	0.9414	1.1308	1.0363	2506.5	406.6	10.396	10.413
15:00:00	3.25	390.6	128.2	74.1	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9402	1.1308	1.0350	2500.2	405.3	10.398	10.400
15:05:00	3.25	388.3	125.8	73.3	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9422	1.1308	1.0353	2506.1	403.0	10.337	10.357
15:10:00	3.25	389.0	128.4	72.7	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9401	1.1308	1.0348	2499.4	403.7	10.278	10.297
15:15:00	3.25	386.7	123.3	72.0	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9442	1.1308	1.0357	2512.5	401.4	10.249	10.225
15:20:00	3.25	383.8	122.3	72.1	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9450	1.1308	1.0356	2514.5	398.5	10.232	10.224
15:25:00	3.25	385.9	126.4	71.1	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9417	1.1308	1.0349	2504.1	400.6	10.140	10.165
15:30:00	3.25	383.6	124.8	71.2	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9430	1.1308	1.0351	2507.8	398.3	10.136	10.130
15:35:00	3.25	382.1	125.7	71.9	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9422	1.1308	1.0348	2505.0	396.8	10.158	10.132
15:40:00	3.25	378.2	117.1	70.6	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9492	1.1308	1.0363	2527.3	392.9	10.103	10.108
15:45:00	3.25	379.0	118.0	70.5	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9485	1.1308	1.0361	2525.1	393.7	10.097	10.112
15:50:00	3.25	381.5	121.4	70.6	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9457	1.1308	1.0356	2516.4	396.2	10.105	10.107
15:55:00	3.25	379.4	120.4	71.6	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9465	1.1308	1.0357	2518.6	394.1	10.152	10.113
16:00:00	3.25	382.9	127.1	71.4	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9411	1.1308	1.0345	2501.5	397.6	10.116	10.128

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Orifice ins	GasP PSIG	GasT °F	GasD INWG	GasSG Fact	Co2 mol%	H2S ppm	GasFb Fact	GasFr Fact	GasY Fact	GasFpb Fact	GasFtb Fact	GasFtf Fact	GasFgr Fact	GasFpv Fact	GasC Fact	GasPf PSIA	QGas1i MM/d	QGas1av MM/d
29/09/05																			
16:05:00	3.25	381.1	124.8	71.3	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9430	1.1308	1.0349	2507.2	395.8	10.108	10.085
16:10:00	3.25	382.4	131.2	71.5	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9379	1.1308	1.0336	2490.7	397.1	10.075	10.088
16:15:00	3.25	380.5	127.4	70.6	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9409	1.1308	1.0342	2500.2	395.2	10.022	10.068
16:20:00	3.25	381.7	131.7	72.3	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9375	1.1308	1.0335	2489.2	396.4	10.117	10.062
16:25:00	3.25	379.9	130.3	71.5	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9386	1.1308	1.0336	2492.4	394.6	10.051	10.038
16:30:00	3.25	381.0	133.1	71.4	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9363	1.1308	1.0331	2485.2	395.7	10.029	10.014
16:35:00	3.25	381.4	132.7	71.7	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9366	1.1308	1.0332	2486.3	396.1	10.059	10.037
16:40:00	3.25	381.2	131.7	70.3	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9374	1.1308	1.0334	2489.0	395.9	9.967	9.971
16:45:00	3.25	384.6	137.5	70.3	0.782	4.0	1.5	2276.6	1.0000	1.0000	1.0000	1.0000	0.9328	1.1308	1.0325	2474.9	399.3	9.953	9.971
16:50:00	0.00	25.6	111.1	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	40.3	0.000	0.000
16:55:00	0.00	9.7	103.9	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	24.4	0.000	0.000
17:00:00	0.00	2.2	95.9	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	16.9	0.000	0.000
17:05:00	0.00	0.1	89.6	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.8	0.000	0.000
17:10:00	0.00	0.0	84.5	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	14.5	0.000	0.000
17:15:00	0.00	117.5	175.0	0.0	0.782	4.0	1.5	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	132.2	0.000	0.000
17:20:00	0.00	237.1	167.0	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	251.8	0.000	0.000
17:25:00	0.00	247.8	151.3	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	262.5	0.000	0.000
17:30:00	2.75	315.8	159.7	154.6	0.845	13.5	3.0	1582.1	1.0000	0.9900	1.0000	1.0000	0.9160	1.0879	1.0230	1604.1	330.5	8.702	7.074
17:35:00	2.75	448.1	156.4	43.3	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9184	1.0879	1.0332	1631.7	462.8	5.543	5.577
17:40:00	0.00	321.8	155.3	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	336.5	0.000	1.277
17:45:00	0.00	336.5	149.1	0.0	0.845	13.5	3.0	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	351.2	0.000	0.000
17:50:00	2.75	343.1	153.0	74.1	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9210	1.0879	1.0260	1622.6	357.8	6.342	6.326
17:55:00	2.75	345.1	147.1	74.7	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9254	1.0879	1.0270	1632.1	359.8	6.419	6.412
18:00:00	2.75	346.7	148.9	74.7	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9241	1.0879	1.0269	1629.4	361.4	6.428	6.469
18:05:00	2.75	352.3	140.9	76.1	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9302	1.0879	1.0286	1643.0	367.0	6.590	6.556
18:10:00	2.75	351.9	139.4	76.0	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9314	1.0879	1.0288	1645.4	366.6	6.590	6.574
18:15:00	2.75	350.1	133.4	75.5	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9360	1.0879	1.0297	1655.1	364.8	6.592	6.584
18:20:00	2.75	352.1	129.4	75.6	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9393	1.0879	1.0306	1662.3	366.8	6.643	6.614
18:25:00	2.75	349.6	124.6	75.3	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9431	1.0879	1.0313	1670.2	364.3	6.640	6.625
18:30:00	2.75	348.3	119.8	74.6	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9470	1.0879	1.0321	1678.4	363.0	6.628	6.639
18:35:00	2.75	351.7	118.5	74.7	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9481	1.0879	1.0327	1681.3	366.4	6.675	6.692

Client	Anzon Australia Ltd	**Expro Engineer**	J. Jie / B. Tupman
Well No.	Basker-2	**Location**	Ocean Patriot 186
Test No.	Completion	**Start Date**	22/09/05

Time hh:mm:ss	Orifice ins	GasP PSIG	GasT °F	GasD INWG	GasSG Fact	Co2 mol%	H2S ppm	GasFb Fact	GasFr Fact	GasY Fact	GasFpb Fact	GasFtb Fact	GasFtf Fact	GasFgr Fact	GasFpv Fact	GasC Fact	GasPf PSIA	QGas1i MM/d	QGas1av MM/d
29/09/05																			
18:40:00	2.75	354.0	115.9	74.8	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9502	1.0879	1.0334	1686.3	368.7	6.722	6.720
18:45:00	2.75	355.9	117.2	75.2	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9491	1.0879	1.0333	1684.3	370.6	6.747	6.749
18:50:00	2.75	358.9	115.2	75.3	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9508	1.0879	1.0340	1688.3	373.6	6.796	6.771
18:55:00	2.75	358.3	115.3	75.2	0.845	13.5	3.0	1582.1	1.0000	1.0000	1.0000	1.0000	0.9507	1.0879	1.0340	1688.1	373.0	6.784	6.795

THE EXPRO GROUP

ONSITE METER CALIBRATION BY TANK

METER CALIBRATION # 4

Client	:	Anzon Australia Ltd.
Well No.	:	Basker-2
Permit	:	VIC/RL6
Date	:	23/09/2005
Test No.	:	Unloading / Clean-up

Pre Test Calibration	X
Post Test Calibration	

Calibration Fluid	:	Water	
Meter Serial Number	:	FL-101	
Meter Type	:	Floco	
Meter Size	:	2”	
Meter Location	:	Separator Oil Line (Top)	

		Meter (Bbls)	**Tank (Bbls)**
Initial Reading	:	95.7	49
Final Reading	:	105.4	59
Total Produced	:	**9.7**	**10**
Pump Rate	:	**1500 bpd**	

Meter Factor = **Tank Volume** / **Meter Volume**

Meter Factor = 1.031

THE EXPRO GROUP

ONSITE METER CALIBRATION BY TANK

METER CALIBRATION # 1

Client	:	Anzon Australia Ltd.
Well No.	:	Basker-2
Permit	:	VIC/RL6
Date	:	23/09/2005
Test No.	:	Unloading / Clean-up

Pre Test Calibration	X
Post Test Calibration	

Calibration Fluid	:	Water	
Meter Serial Number	:	FL-123	
Meter Type	:	Floco	
Meter Size	:	3”	
Meter Location	:	Separator Oil Line (Bottom)	

		Meter (Bbls)	**Tank (Bbls)**
Initial Reading	:	54.8	15.1
Final Reading	:	82.6	42.2
Total Produced	:	**27.8**	**27.1**
Pump Rate	:	**4000 bpd**	

Meter Factor = **Tank Volume** / **Meter Volume**

Meter Factor	=	0.975

THE EXPRO GROUP

ONSITE METER CALIBRATION BY TANK

METER CALIBRATION # 2

Client	:	Anzon Australia Ltd.
Well No.	:	Basker-2
Permit	:	VIC/RL6
Date	:	23/09/2005
Test No.	:	Unloading / Clean-up

Pre Test Calibration	X
Post Test Calibration	

Calibration Fluid	:	Water	
Meter Serial Number	:	FL-123	
Meter Type	:	Floco	
Meter Size	:	3”	
Meter Location	:	Separator Oil Line (Bottom)	

		Meter (Bbls)	**Tank (Bbls)**
Initial Reading	:	85.5	10.4
Final Reading	:	113.1	37.3
Total Produced	:	**27.6**	**26.9**
Pump Rate	:	**5000 bpd**	

Meter Factor = **Tank Volume** / **Meter Volume**

Meter Factor	=	0.975

THE EXPRO GROUP

ONSITE METER CALIBRATION BY TANK

METER CALIBRATION # 3

Client	:	Anzon Australia Ltd.
Well No.	:	Basker-2
Permit	:	VIC/RL6
Date	:	23/09/2005
Test No.	:	Unloading / Clean-up

Pre Test Calibration	X
Post Test Calibration	

Calibration Fluid	:	Water	
Meter Serial Number	:	FL-123	
Meter Type	:	Floco	
Meter Size	:	3”	
Meter Location	:	Separator Oil Line (Bottom)	

		Meter (Bbls)	**Tank (Bbls)**
Initial Reading	:	115.5	38
Final Reading	:	135.6	57.5
Total Produced	:	**20.1**	**19.5**
Pump Rate	:	**3600 bpd**	

Meter Factor = **Tank Volume** / **Meter Volume**

Meter Factor	=	0.970

THE EXPRO GROUP

ONSITE METER CALIBRATION BY TANK

METER CALIBRATION # 5

Client	:	Anzon Australia Ltd.
Well No.	:	Basker-2
Permit	:	VIC/RL6
Date	:	23/09/2005
Test No.	:	Unloading / Clean-up

Pre Test Calibration	X
Post Test Calibration	

Calibration Fluid	:	Water	
Meter Serial Number	:	FL-015	
Meter Type	:	Floco	
Meter Size	:	2”	
Meter Location	:	Separator Water Line	

		Meter (Bbls)	**Tank (Bbls)**
Initial Reading	:	6.2	61.2
Final Reading	:	13.7	69
Total Produced	:	**7.5**	**7.8**
Pump Rate	:	**1000 bpd**	

Meter Factor = **Tank Volume** / **Meter Volume**

Meter Factor = 1.040

THE EXPRO GROUP

COMBINED METER SHRINKAGE FACTOR

COMBINED METER FACTOR #1

Client	:	Anzon Australia Ltd.					
Date	:	29/09/05		**Permit**	:	VIC/RL6	
Test No.	:	Clean up		**Well No.**	:	Basker-2	
Separator Pressure	:	252	Psig	**Choke Size**	:	48/64" Fixed	
Type of Meter	:	3"Floco 382		**Oil S.G. @ 60°F**	:	0.825	
Serial No.	:	TX-1001					
Initial Time	:	09:15		**Final Time**	:	09:20	
Initial Tank Reading	:	22.5	Bbls	**Final Tank Reading**	:	40.0	Bbls
Temperature	:	93	Deg F	**Temperature**	:	98	Deg F
K (Vol. Corr. Factor)	:	0.9834		**K (Vol. Corr. Factor)**	:	0.9808	
Corrected Tank Reading	:	22.1	Bbls	**Corrected Tank Reading**	:	39.2	Bbls
Final Corrected Volume in Tank	:	17.1	Bbls				
Initial Meter Reading	:	34.2	Bbls	**Final Meter Reading**	:	53.4	Bbls
Flowing Oil Temperature	:	93	Deg F	**Flowing Oil Temperature**	:	98	Deg F
K (Vol. Corr. Factor)	:	0.9834		**K (Vol. Corr. Factor)**	:	0.9808	
Corrected Meter Reading	:	33.6	Bbls	**Corrected Meter Reading**	:	52.4	Bbls
Final Corrected Volume Through Meter	:	18.8	Bbls				

Combined Meter Shrinkage Factor @ 60 °F	**Tank Vol / Meter Vol (Corrected @ 60 Deg F).**	= 0.910

Concurrent Shrinkage Factor (From Katz correlation)	:	0.9396
1 / Shrinkage Factor	:	**1.064**
MF = CMSF x (1/S.F).	:	**0.969**

THE EXPRO GROUP

COMBINED METER SHRINKAGE FACTOR

COMBINED METER FACTOR #2

Client	:	Anzon Australia Ltd.					
Date	:	29/09/05		**Permit**	:	VIC/RL6	
Test No.	:	Clean up		**Well No.**	:	Basker-2	
Separator Pressure	:	378	Psig	**Choke Size**	:	48/64" Fixed	
Type of Meter	:	3"Floco 382		**Oil S.G. @ 60°F**	:	0.829	
Serial No.	:	TX-1001					
Initial Time	:	13:47		**Final Time**	:	13:52	
Initial Tank Reading	:	39.2	Bbls	**Final Tank Reading**	:	54.0	Bbls
Temperature	:	155	Deg F	**Temperature**	:	140	Deg F
K (Vol. Corr. Factor)	:	0.9522		**K (Vol. Corr. Factor)**	:	0.9598	
Corrected Tank Reading	:	37.3	Bbls	**Corrected Tank Reading**	:	51.8	Bbls
Final Corrected Volume in Tank	:	14.5	Bbls				
Initial Meter Reading	:	60.0	Bbls	**Final Meter Reading**	:	76.2	Bbls
Flowing Oil Temperature	:	155	Deg F	**Flowing Oil Temperature**	:	140	Deg F
K (Vol. Corr. Factor)	:	0.9522		**K (Vol. Corr. Factor)**	:	0.9598	
Corrected Meter Reading	:	57.1	Bbls	**Corrected Meter Reading**	:	73.1	Bbls
Final Corrected Volume Through Meter	:	16.0	Bbls				

Combined Meter Shrinkage Factor @ 60 °F	**Tank Vol / Meter Vol (Corrected @ 60 Deg F).**	= 0.9062

Concurrent Shrinkage Factor (From Katz correlation)	:	0.9396
1 / Shrinkage Factor	:	**1.064**
MF = CMSF x (1/S.F).	:	**0.964**

THE EXPRO GROUP

EXPRO GROUP AUSTRALIA PTY LTD
SAMPLE LISTING

QAD 065 Rev 4

Issued 10/04

Client:	Anzon Australia Ltd.	**Well No:**	Basker-2	**Field:**	VIC/RL6
Test:	Completion	**Rig:**	Ocean Patriot 186	**Exal Job No:**	J05/353

Sample No.	Test No.	Time	Date	Nature	Sampling Point	Container Description/ Sample Volume	Cylinder No.	Comments
1	Completion	09:25	29/09/05	Dead oil	Separator oil line	205 litre Drum	Nil	Upper Group Zone, taken by Petrolab, 1st set.
2	Completion	09:25	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Upper Group Zone, taken by Petrolab, 1st set.
3	Completion	09:25	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Upper Group Zone, taken by Petrolab, 1st set.
4	Completion	09:59	29/09/05	Dead oil	Separator oil line	205 litre Drum	Nil	Upper Group Zone, taken by Petrolab, 2nd set.
5	Completion	09:59	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Upper Group Zone, taken by Petrolab, 2nd set.
6	Completion	09:59	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Upper Group Zone, taken by Petrolab, 2nd set.
7	Completion	09:59	29/09/05	Dead oil	Separator oil line	5 littre Jerry can	Nil	Upper Group Zone, taken by Petrolab, 2nd set.
8	Completion	15:05	29/09/05	Dead oil	Separator oil line	205 litre Drum	Nil	Lower Group Zone, taken by Petrolab, 1st set.
9	Completion	15:05	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Lower Group Zone, taken by Petrolab, 1st set.
10	Completion	15:05	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Lower Group Zone, taken by Petrolab, 1st set.
11	Completion	15:26	29/09/05	Dead oil	Separator oil line	205 litre Drum	Nil	Lower Group Zone, taken by Petrolab, 2nd set.
12	Completion	15:26	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Lower Group Zone, taken by Petrolab, 2nd set.
13	Completion	15:26	29/09/05	Dead oil	Separator oil line	20 litre Jerry can	Nil	Lower Group Zone, taken by Petrolab, 2nd set.
14	Completion	15:26	29/09/05	Dead oil	Separator oil line	5 littre Jerry can	Nil	Lower Group Zone, taken by Petrolab, 2nd set.

THE EXPRO GROUP

DISK INFORMATION

Client :	Anzon Australia Ltd.	**Well No. :**	Basker-2
Test :	Completion	**Date :**	22/09/05 - 30/09/05

File Name	Start Date/time	End Date/time	Description	Compression Type
Basker2SEQ.TXT			Sequence of events	0
Basker2FastLogger.ASC			Fast Logger at 1 sec sampling rate - Completion test	0
Basker2WHD.ASC			Wellhead Data - Completion test	0
Basker2SEP.ASC			Separator Data, Rates - Completion test	0
Basker2OIL.ASC			Oil calculation factors - Completion test	0
Basker2GAS.ASC			Gas calculation factors - Completion test	0

Compression Type

0 = None
1 = Self Extracting
2 = Zip (PKUNZIP program supplied. YES/NO)

Self Extracting Tip

Type @ DOS prompt **A:\ARCHIVE C: -d**
where
A:\ARCHIVE is name of .EXE file on floppy in A: drive
C: is destination drive
-d restores all sub-directories automatically.

ZIP Tip

Type @ DOS prompt **C:**
where
C: is destination drive
Type @ DOS prompt **CD**
where
CD moves system to root directory
Type @ DOS prompt **A:\PKUNZIP -d A:\ARCHIVE**
where
A:\PKUNZIP is name of .EXE file on floppy in A: drive
-d restores all sub-directories automatically
A:\ARCHIVE is name of .ZIP file on floppy in A: drive.

THE EXPRO GROUP

DISK INFORMATION

Client :	Anzon Australia Ltd.	**Well No. :**	Basker-2
Test :	Completion	**Date :**	22/09/05 - 30/09/05

Basker2SEQ.TXT

A diary of events. In particular all information on events which affect the readings of the transducers is recorded, eg opening of valves, power shut-downs, bleeding of lines, etc.

Basker2WHD.ASC

Contains the raw data readings taken from sensors on the choke manifold and annulus throughout the complete test period.

Column 1	**:**	Time	hr:min:sec
Column 2	**:**	Choke size	/64th
Column 3	**:**	Upstream Choke Pressure	psig
Column 4	**:**	Upstream Choke Temperature	degF
Column 5	**:**	Downstream Choke Pressure	psig
Column 6	**:**	Downstream Choke Temperature	degF
Column 7	**:**	Annulus Pressure	psig

Start Date:	28/09/05	**Start Time:**	00:00:00
Finish Date:	30/09/05	**Finish Time:**	03:00:00

Basker2SEP.ASC

Contains the raw data readings taken from sensors on the choke manifold and separator throughout the complete test period.

Column 1	**:**	Time	hr:min:sec
Column 2	**:**	Choke size	/64th
Column 3	**:**	Orifice Plate Size	Inches
Column 4	**:**	Upstream Choke Pressure	psig
Column 5	**:**	Upstream Choke Temperature	psig
Column 6	**:**	Gas Pressure	psig
Column 7	**:**	Gas Temperature	degF
Column 8	**:**	Gas Differential	InWg
Column 9	**:**	Oil Temperature	degF
Column 10	**:**	Separator Oil Rate average	bbl/d
Column 11	**:**	Separator Oil Cumulative	bbls
Column 12	**:**	Stock Tank Oil Rate average	bbls/d
Column 13	**:**	Stock Tank Oil Cumulative	bbls/d
Column 14	**:**	Gas Rate Average	MMscf/d
Column 15	**:**	Gas Cummulative	MMscf
Column 16	**:**	Separator Gas Oil Ratio	bbl/MMscf
Column 17	**:**	Stock Tank Gas Oil Ratio	bbl/MMscf

Start Date:	29/09/05	**Start Time:**	08:20:00
Finish Date:	29/09/05	**Finish Time:**	19:00:00

THE EXPRO GROUP

DISK INFORMATION

Client :	Anzon Australia Ltd.	**Well No. :**	Basker-2
Test :	Completion	**Date :**	22/09/05 - 30/09/05

Basker2OIL.ASC

Contains the oil calculation factors and manual inputs for main flow period.

Column 1	**:**	Time	hr:min:sec
Column 2	**:**	Oil Pressure	psig
Column 3	**:**	Oil Temperature	degF
Column 4	**:**	Meter Factor	fact
Column 5	**:**	Oil API	@ 60 degF
Column 6	**:**	Separator BS&W	%
Column 7	**:**	1-Shrinkage	fact
Column 8	**:**	Oil VCF	fact
Column 9	**:**	Instanteneous Oil Rate	bbl/d
Column 10	**:**	Separator Oil Rate average	bbl/d
Column 11	**:**	Instanteneous Stock Tank Oil Rate	bbls/d
Column 12	**:**	Stock Tank Oil Rate average	bbls/d

Start Date:	29/09/05	**Start Time:**	08:20:00
Finish Date:	29/09/05	**Finish Time:**	19:00:00

Basker2Gas.ASC

Contains the gas calculation factors and manual inputs for main flow period.

Column 1	**:**	Time	hr:min:sec
Column 2	**:**	Orifice Plate Size	inches
Column 3	**:**	Gas Pressure	psig
Column 4	**:**	Gas Temperature	degF
Column 5	**:**	Gas Differential	InWg
Column 6	**:**	Gas SG	fact
Column 7	**:**	CO2 Reading	%
Column 8	**:**	H2S Reading	ppm
Column 9	**:**	GasFb	fact
Column 10	**:**	GasFr	fact
Column 11	**:**	GasY	fact
Column 12	**:**	Gas Fpb	fact
Column 13	**:**	GasFtb	fact
Column 14	**:**	GasFtf	fact
Column 15	**:**	GasFgr	fact
Column 16	**:**	GasFpv	fact
Column 17	**:**	GasC	fact
Column 18	**:**	GasPf	psia
Column 19	**:**	Instanteneous Gas Rate	MMscf/d
Column 20	**:**	Average Gas Rate	MMscf/d

Start Date:	29/09/05	**Start Time:**	08:20:00
Finish Date:	29/09/05	**Finish Time:**	19:00:00

THE EXPRO GROUP

DISK INFORMATION

Client :	Anzon Australia Ltd.	**Well No. :**	Basker-2
Test :	Completion	**Date :**	22/09/05 - 30/09/05

Basker2FastLogger.ASC

Contains the raw data readings taken from sensors on the choke manifold and annulus throughout the complete test period.

Column 1	**:**	Time	hr:min:sec
Column 2	**:**	Upstream Choke Pressure	psig
Column 3	**:**	Upstream Choke Temperature	degF
Column 4	**:**	Downstream Choke Pressure	psig
Column 5	**:**	Downstream Choke Temperature	degF
Column 6	**:**	Annulus Pressure	psig
Column 7	**:**	Gas Pressure	psig
Column 8	**:**	Gas Temperature	degF
Column 9	**:**	Gas Differential	InWg
Column 10	**:**	Oil Temperature	degF

Start Date:	28/09/05	**Start Time:**	20:16:00
Finish Date:	29/09/05	**Finish Time:**	21:49:00

APPENDIX 5

MUDLOGGING

Basker 2

FINAL WELL REPORT

Prepared by

Overseas Oilfield Services S.A.

Overseas Oilfield Services S.A.
Unit 1, 6 Somerset Circuit
Lonsdale, S.A. 5160
Tel: 08-81863611
Fax: 08-81862611
E-mail: geosrv.adl@bigpond.com.au

Anzon Australia LTD.
Suite 504
165 Walker Street
North Sydney
N.S.W. 2060

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1.0 WELL DATA SUMMARY

(All depths are measured depths from rotary table (MDRT) unless otherwise specified.)

Well Name	: Basker 2
Basin	: Gippsland
Permit	: VIC/RL6
Operator	: Anzon Australia LTD
Drilling Rig	: Ocean Patriot
Well Classification	: Appraisal
Surface Location	
Latitude	: 38° 17' 58.51" S
Longitude	: 148° 42' 24.72" E
Easting	: 649 251.9 m E
Northing	: 5 759 566.4 m N
Depth Reference	: M.S.L. (mean sea level)
Water Depth	: 152.5 m
Rotary Table	: 21.5 m
Rotary Table to Seabed	: 174.0 m
Casing Data	: (1) 762/508 mm (30"/20") casing shoe at 208.0 m : (2) 340 mm (13.375") casing shoe at 1000.1 m : (3) 244 mm (9.625") casing shoe at 2945 m : (4) 178 mm (7") liner from 2850m to 3412m
Hole Size	: (1) 445 mm (17.5") + 914 mm (36") hole opener from 174.0 m to 208.0 m : (2) 445 mm (17.5") hole from 208 m to 1006 m : (3) 311 mm (12.25") hole from 1006 m to 2956 m : (4) 216 mm (8½") hole from 2956 m to 3414 m
Mud Type	: (1) Seawater / Pre-Hydrated Gel Sweeps : (2) Seawater / Pre-Hydrated Gel Sweeps : (3) KCL / PHPA / Glycol : (4) KCL / PHPA / Glycol
Offset Wells	: Basker-1 (0.7 km NNE), Gummy-1 (3.7 km ENE)
Proposed Total Depth	: 3382 mRT MD (3305 m TVD RT)
Actual Total Depth	: 3414 mRT MD (3344.6 m TVD RT)
Subsea Vertical Depth	: 3323.1 m TVDSS
Date arrived on Location	: 12th August 2005
Date Rig Released	: 2nd October 2005
Date Spudded	: 12:00 hours, 14th August 2005
Date TD Reached	: 14:00 hours, 11th September 2005
Well Status	: Cased & Suspended

2.0 GENERAL INFORMATION

2.1 Executive Summary

The Basker 2 well was drilled as an appraisal well designed to evaluate the Basker reservoirs prior to full field development of the Basker and Manta fields. The Basker 2 well is located 0.7 km NNE of Basker 1 within the Gippsland Basin in the Retention Lease VIC/RL6. The Diamond Offshore semi-submersible rig 'Ocean Patriot' was used to conduct the Basker 2 well Operations.

Basker 2 was drilled in four phases: a 914mm (36") phase, a 445mm (17½") phase, a 311mm (12¼") phase and a 216mm (8½") phase.

Basker 2 was spudded on the 14th August 2005 at 12:00 hours using a 445mm (17½") bit in conjunction with a 914mm (36") hole opener.

The 914mm (36") phase was drilled in 1 hr with an open hole total depth of 208 m. The 762mm (30") conductor was then run and cemented with the Casing Shoe set on bottom at 208 m. No problems were encountered during this phase.

The 445mm (17½") phase was drilled in 20.9 hrs with an open hole total depth of 1006 m and the 340mm ($13^{3}/_{8}$") casing, run and cemented with the 340mm Casing Shoe set at 1000 m. No problems were encountered during this phase.

The 311mm (12¼") phase was drilled using 1 PDC bit and 2 TCI bits. The 311 mm (12¼") phase was drilled in 104.2 Bit hrs to a total depth of 2956 m. The 244mm ($9^{5}/_{8}$") Casing was run and cemented with the Casing shoe set at 2945 m.

A 216mm (8½") bit with a mud motor; BHA and LWD tools were picked up and run in hole. After tagging and drilling out the cement, 244mm ($9^{5}/_{8}$") casing shoe and 3 m of new hole, an F.I.T. was performed. The 216mm (8½") hole was then drilled from 2959 m to T.D. at 3414 m with one bit trip at 3311 m after a washout was discovered. The only hole problem encountered in this section was high torque which occurred for much of this phase. The reason for this was not apparent and may have been due to doglegs higher up in the hole. Basker 2 reached T.D. at 14:00 hrs on 11th of September 2005.

At T.D. the following logs were run:
1) FMI-DSI-HRLA-PEX-HNGS
2) VSI-4-GR
3) MDT-GR
4) MDT-GR

After logging the 7" liner was run and set from 2850 m to 3414 m. Following this the BOP stack was tested, the 7" liner cleaned with a scraper run and the well displaced to brine. Potential production zones were then perforated and flow tested. The well was then suspended and anchors were pulled on 2nd October 2005.

Geoservices provided a full mudlogging service from spud to TD during this well. This service included 'Reserval' gas monitoring.

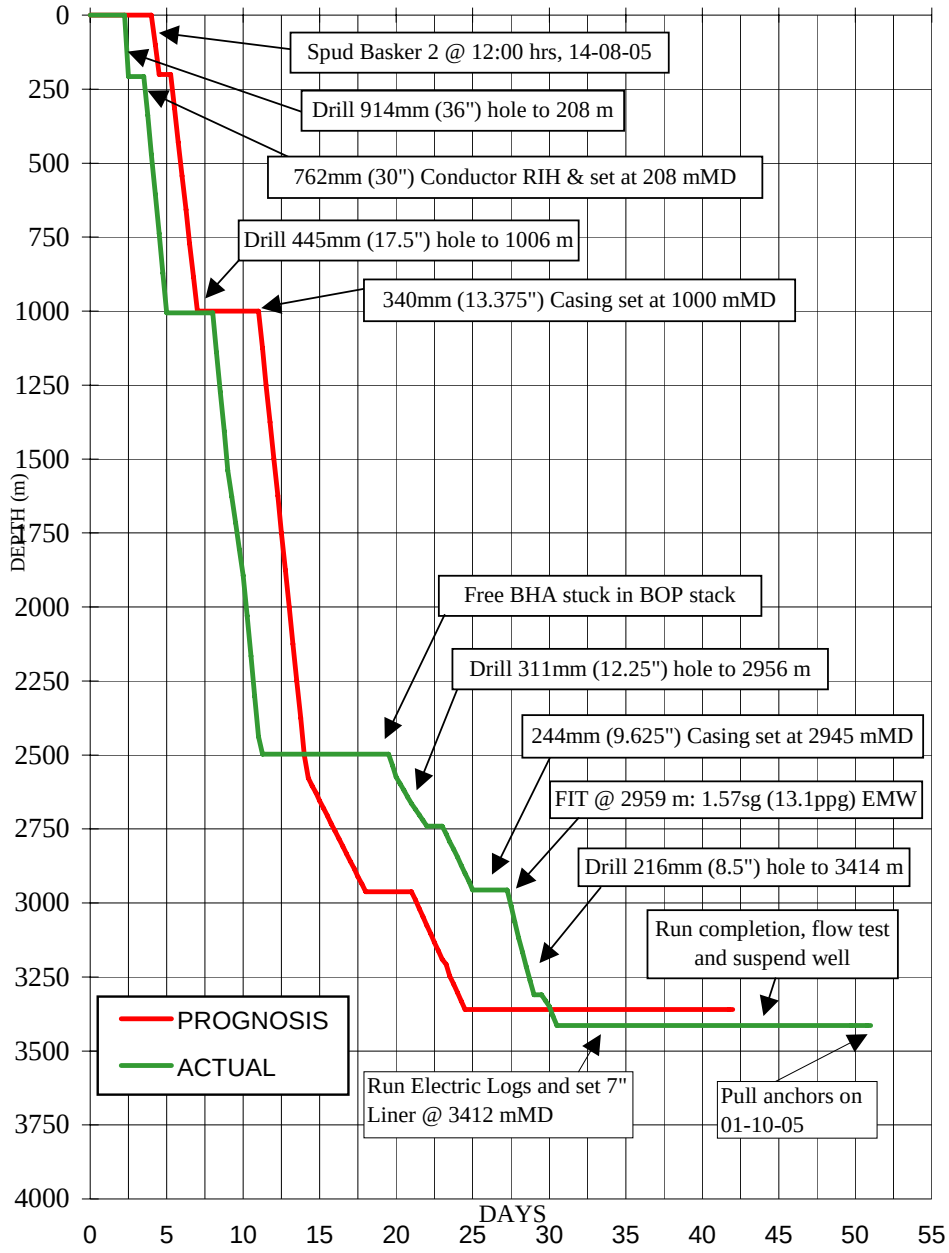
2.2 Geoservices Personnel

ALS Engineers	: Adderley, David : Dunn, Alan : Sridhar, VignaRaja : Rady, Phil
Mudloggers	: Morris, Andrew : Faichney, Iain : Dower, Leigh
Sample Catchers	: Gillespie, Keith : Djukanovic, Alex : Deeprose, Rebecca

2.3 Contractor Information

Drilling	: Diamond Offshore
Rig name	: Ocean Patriot
Rig type	: Semi-Submersible
Mudlogging	: Overseas Oilfield Services S.A.
Mud engineering	: M.I. Swaco
MWD	: Halliburton, Sperry Sun
Wireline logging	: Schlumberger, Anadrill
Cementing	: Dowel Schlumberger
Well head completion	: Cameron
ROV	: Fugro
Casing	: Weatherford
Work boats	: Far Grip, Wrangler
Helicopters	: Bristows
Catering	: E.S.S.

2.4 Days versus Depth Progress Chart



2.5 Sample Collection Summary

Four sets of washed and dried samples and one set of samplex trays were collected during Basker 2, from 1006 m to TD at 3414 m.

Sample intervals: 1006 m to 2500 m, 10 m
2500 m to 2980 m, 5 m
2980 m to 3205 m, 10 m (increase in interval due to high drill rate)
3205 m to TD at 3414 m, 5 m

Sample distribution was as follows:

Recipient	Washed and Dried 200 g	Unwashed 1kg	Samplex Trays (box)
Anzon	2	1	1
Geoscience Australia	1		
Victorian DPI	1		

Mud samples: 1240m, 2500m, 2956m, 2960m, 2970m, 3414m.

Filtrate samples: 3001m, 3414m.

3.0 GEOLOGICAL INFORMATION

3.1 Lithology and Show Summary

From spud to 1006 m returns were to the sea floor.

1006 m – 1090 m: MARL					Drilling Parameters: WOB: 7.0-22.0 klbs RPM: 140-250 TRQ: 3.0-7.5 klb*ft		MF: 600-1020 gpm SPP: 990-2580 psi			Calcimetry: 53-64% Avg. Calcimetry: 58%		
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	Min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
MARL	Yellow grey, light olive grey in parts, light grey, arenaceous in parts, argillaceous, minor carbonaceous specks and laminations, very soft to soft, moderately hard in parts, blocky.	60.8	428	7.7	1088.5	8.6	1483	18	6	3	0	2

1090 m - 1300 m: ARGILLACEOUS LIMESTONE					Drilling Parameters: WOB: 15-29.0 klbs RPM: 180-300 TRQ: 4.4-8.6 klb*ft		MF: 885-957 gpm SPP: 1800-2360 psi			Calcimetry: 63-68% Avg. Calcimetry: 66%		
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	Min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
ARGILLACEOUS LIMESTONE	V light grey to grey, yellow grey to olive grey, common silty, minor very fine arenaceous, trace off white to pale yellow grey LIMESTONE fragments, occasionally carbonaceous specks, rare forams, very soft to firm, rare moderately hard, blocky to sub-blocky.	21.9	98	55	1167	13.4	2296	28	11	3	0	1

1300 m - 1755 m: MARL INTERBEDDED WITH TRACE CALCARENITE.					Drilling Parameters: WOB: 19.1-32.0 klbs MF: 870-930 gpm RPM: 230-246 SPP: 1950-2535 psi TRQ: 4.4-8.4 klb*ft					Calcimetry: 39-68% Avg. Calcimetry: 52%		
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
MARL	Pale yellow brown to pale olive grey, argillaceous, trace arenaceous grading to CALCARENITE, trace laminations, trace carbonaceous specks, rare glauconite specks, rare forams, rare pyrite nodules, soft, moderately hard in parts, blocky.	48.4	99.4	12.7	1346.5	13.1	2360	32	18	11	6	6
CALCARENITE	Pale yellow brown to Olive grey, very fine, sub-angular to sub-round, trace carbonaceous specks, moderately hard, very poor visual porosity, no fluorescence.											

1755 m: TOP OF LAKES ENTRANCE FORMATION **1755 m - 1900 m: MARL INTERBEDDED WITH CALCAREOUS CLAYSTONE**					Drilling Parameters: WOB: 10.7-27.5 klbs MF: 860-928 gpm RPM: 113-285 SPP: 2490-3279 psi TRQ: 0.01-7.78 klb*ft					Calcimetry: 29-41% Avg. Calcimetry: 36%		
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
MARL	Pale yellow brown to pale olive grey, argillaceous, trace arenaceous grading to CALCARENITE, trace laminations, trace carbonaceous specks, rare glauconite specks, rare forams, rare pyrite nodules, soft, moderately hard in parts, blocky.	46.16	94.16	6.35	1774.5	18.1	2693	33	19	10	4	6
CALCAREOUS CLAYSTONE	Light olive grey-light grey, grading to MARL, silty, minor very fine arenaceous, trace carbonaceous specks, trace Oolites, rare pyrite nodules, rare glauconite specks, very soft to soft, occasionally firm, blocky to subblocky.											

1900 m - 2088.5 m: CALCAREOUS CLAYSTONE					Drilling Parameters: WOB: 6.2-25.7 klbs MF: 830-930 gpm RPM: 107-244 SPP: 2551-3596 psi TRQ: 0.01-7.6 klb*ft					Calcimetry: 14-22% Avg. Calcimetry: 17%		
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
CALCAREOUS CLAYSTONE	Medium grey, argillaceous, silty in parts, trace very fine arenaceous, trace calcite, trace disseminated pyrite, rare Oolites, trace fossils, soft to firm, subblocky to blocky.	44.46	89.87	5.24	1909	10.4	1892	13	9	3	1	3

2088 m: TOP OF LATROBE FORMATION
2088 m - 2180 m: INTERBEDDED SANDSTONE, SILTSTONE AND CLAYSTONE.

Drilling Parameters:
WOB: 7.9-25.2 klbs MF: 847-926 gpm
RPM: 201-247 SPP: 3068-3752 psi
TRQ: 4.15-8.8 klb*ft

Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
SANDSTONE	Clear, dominantly translucent, frosted in parts, dominantly fine to medium, occasionally very fine to fine, minor coarse to very coarse, moderately sorted, subangular to subrounded, weak siliceous cement, trace weak calcareous cement, occasionally white Kaolinitic matrix, trace Fe staining, common glauconite, clean and loose, fair porosity, tight porosity in parts, no fluorescence.	45.69	134	7.74	2117	5.4	957	52	27	7	6	3
SILTSTONE	Light grey to olive grey, light brown, mottled green grey, argillaceous, common arenaceous in parts, grading to very fine SILTY SANDSTONE, common glauconite, occasionally calcareous nodules, trace pyrite, very soft to dispersive, subblocky to amorphous.											
CLAYSTONE	Light olive grey to grey, silty, rare very fine arenaceous, rare medium quartz grains, trace glauconite inclusions, calcareous in parts, rare carbonaceous specks, rare disseminated pyrite, very soft to dispersive, subblocky to amorphous.											

2180 m – 2500 m: INTERBEDDED SANDSTONE AND SILTSTONE.

Drilling Parameters:
WOB: 7.6-39.9 klbs MF: 657-910 gpm
RPM: 115-236 SPP: 2526-3819 psi
TRQ: 0.01-9.16 klb*ft

Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
SANDSTONE	Clear to translucent, frosted, fine to very coarse, very poorly sorted to poorly sorted, subangular to subrounded, occasionally rounded, occasionally weak siliceous cement, trace weak calcareous cement to occasionally moderately calcareous cement, trace dolomitic cement, occasionally pyrite matrix, rare chert grains, rare glauconite grains, loose to friable, minor moderately hard, poor to occasionally fair visual porosity, trace dim orange mineral fluorescence.	45.47	134.2	1.45	2222	4.4	518	41	20	4	6	5
SILTSTONE	Light grey to light olive grey, brown grey with depth, argillaceous to common arenaceous, common arenaceous, trace carbonaceous specks, trace glauconite inclusions, trace pyrite nodules, very soft to firm, subblocky-blocky.											

2500 m - 2605 m: INTERBEDDED SANDSTONE, SILTSTONE AND CLAYSTONE.

Drilling Parameters:
WOB: 8-32.4 klbs MF: 836-903 gpm
RPM: 102-228 SPP: 3189-3687 psi
TRQ: 0.0-5.64 klb*ft

Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
SANDSTONE	White to off white, clear to translucent, minor light grey, very fine to occasionally medium to very coarse, very poorly sorted, subangular to subrounded, occasionally coarse, rounded, weak siliceous cement, common white argillaceous matrix, trace grey silty matrix, trace carbonaceous specks and fragments, loose, minor friable, fair inferred porosity, fair to poor visual porosity, no fluorescence.	11.48	47.69	1.51	2500.5	14.6	2384	32	15	8	5	8
SILTSTONE	Olive grey to medium grey, dark grey in parts, arenaceous, trace carbonaceous specks, very soft to soft, trace firm to moderately hard, trace disseminated pyrite, trace COAL fragments and micro-laminations, trace glauconite in parts, amorphous to subblocky.											
CLAYSTONE	Light grey to olive grey, locally brown grey, silty grading to grading to ARGILLACEOUS SILTSTONE, occasional carbonaceous specks and coaly fragments, trace calcareous, trace disseminated pyrite, very soft to soft, dispersive in parts, amorphous to subblocky.											

2605 m: K2 SANDSTONE
2605 m - 2710 m: INTERBEDDED SANDSTONE AND SILTSTONE.

Drilling Parameters:
WOB: 20.9-39.6 klbs MF: 761-902 gpm
RPM: 98-230 SPP: 2919-3549 psi
TRQ: 0.0-6.98 klb*ft

Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	m	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
SANDSTONE:	Clear to opaque, frosted in parts, white in parts, minor light grey, fine to very coarse, very poorly sorted, angular to subrounded, trace strong dolomitic cement, minor light silty matrix, minor white kaolinitic matrix, trace nodules and disseminated pyrite, trace quartz overgrowths, locally trace glauconite, generally loose, minor friable aggregates, tight visual porosity, poor to good inferred porosity, occasionally dolomitic fluorescence.	9.21	49.69	1.48	2685.5	0.8	125	9	5	3	2	2
SILTSTONE	Light to medium grey, locally dark grey to brown black, common very fine arenaceous, carbonaceous in parts, occasionally to common nodules and disseminated pyrite, very soft to soft, amorphous to occasionally subblocky.											

2710 m - 3035 m: INTERBEDDED SANDSTONE, SILTSTONE AND MINOR COAL.					Drilling Parameters: WOB: 17.2-43.7klbs MF: 817-904 gpm RPM: 105-222 SPP: 3207-3805 psi TRQ: 0.0-6.51 klb*ft							
Lithology	Lithology description	ROP m/hr			Depth m	Total Gas U	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	C5 ppm
		ave.	max.	min.								
SANDSTONE	Clear to opaque, minor light grey, off white, fine to coarse, common very coarse, poorly sorted, angular to subrounded, weak siliceous cement, trace pyrite cement with depth, trace locally silty matrix, occasionally carbonaceous inclusions and pyrite with depth, loose, trace friable, poorly inferred porosity, very poor visual porosity, no fluorescence.	13.16	73.36	1.5	2986	58.9	10012	900	322	34	45	15
SILTSTONE	Light brown grey to brown grey, brown black in parts, light grey to light olive grey, argillaceous, trace very fine arenaceous in parts, common carbonaceous specks and laminations in parts, trace carbonaceous, locally grading to very fine SANDSTONE in parts, trace pyrite nodules, very soft to soft, amorphous to subfissile.											
COAL	Black, dull to earthy, sub-vitreous in parts, predominately brittle, firm in parts, subblocky to blocky, uneven to angular.											

3035 m - 3325 m: INTERBEDDED SANDSTONE AND SILTSTONE

Drilling Parameters:
WOB: 10-37klbs MF: 613-717 gpm
RPM: 103-360 SPP: 2592-3947 psi
TRQ: 0.01-20.2 klb*ft

Lithology	Lithology description	ROP m/hr			Depth M	Total Gas U	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	C5 ppm
		ave.	max.	min.								
SANDSTONE	Clear to translucent, opaque, off white, fine to coarse, locally very fine to coarse, poorly sorted, sub-rounded to sub-angular, trace to common siliceous cement, locally rare dolomitic cement, trace to common white to light brown argillaceous matrix, trace nodules pyrite, trace micro-micaceous, trace carbonaceous specks, loose to friable to occasional moderately hard, trace loose, poor visible porosity, poor to fair inferred porosity, trace hydrocarbon fluorescence, minor mineral fluorescence with depth.	51.0	214.3	1.6	3325-3414m	23	3670	385	190	30	60	40
FLUORESCENCE	3100m - 3150m : Trace dull light green, no cut, no crush cut, no ring residue.											
SILTSTONE	Light brown to brown grey, brown black in parts, light grey to light olive grey, arenaceous, common carbonaceous laminations and fragments, locally grading to CARBONACEOUS SILTSTONE, rare to trace pyrite, soft to firm, occasional moderately hard, sub-fissile to sub-blocky, sub-blocky to blocky with depth.											

Drilling Parameters:

3325 m - 3414 m: VOLCANICS WITH INTERBEDDED SANDSTONE AND RARE SILTSTONE					WOB: 10-41klbs RPM: 84-118 TRQ: 6.3-18.9 klb*ft			MF: 573-671 gpm SPP: 3660-4216 psi				
Lithology	Lithology description	ROP m/hr			Depth	Total	C1	C2	C3	iC4	nC4	C5
		ave.	max.	min.	M	Gas U	ppm	ppm	ppm	ppm	ppm	ppm
VOLCANICS	White to green black, occasional pyroxene, common quartz, calcareous, very pyritic, soft to hard, amorphic to sub-blocky.											
SANDSTONE	Clear to translucent, rare white, fine to coarse, fine to coarse, poorly to moderately sorted, sub-rounded to sub-angular, angular in part, trace siliceous cement, trace calcareous cement, trace pyrite cement, minor argillaceous matrix, abundant pyrite nodules, predominantly friable to rare loose, poor visible porosity, no fluorescence.	6.5	28.2	2.5	3325-3414m	4	570	50	30	6	8	25
SILTSTONE	Brown grey, argillaceous, trace arenaceous, carbonaceous specks and laminations, very soft, sub-blocky.											

3.6 Gas Ratio Interpretation – Introduction

Gas composition and total gas in mud were measured using the Geoservices Reserval (A combined total gas detector and chromatograph coupled with a GZG degasser). As a backup gas detection system a Geoservices FID Chromatograph Panel (FCP) and FID Gas Panel (FGP) were in operation, in tandem with a GZ11 degasser motor. Both gas systems use the FID technique of measuring ions released when hydrocarbons are burnt in a hydrogen flame.

Gas is extracted from the mud prior to it reaching the shale shakers by the degassers, which are essentially an agitator inside a chamber through which the mud continually passes. The GZG degasser is specially designed to degas a constant volume of mud regardless of pump rates and has the advantage of being placed within the flowline, limiting any early emissions of gas from the mud as it is circulated through the rig. The GZ11 degasser is located on the header box in the shaker room where it is reliant on stable mud circulation and shaker operation. The gas is then drawn back to the unit through tubing to the gas analysis equipment. Independent sensors in the unit also measure H2S and CO2.

The composition of the gas in mud from the formation is significant in determining the geochemical origin and value of a show. There are several methods that can be used to determine whether the hydrocarbon gas in mud comes from a potential gas or oil zone. Amongst these methods are the Triangle Diagram (also known as the gas composition diagram), Pixler Diagram (also known as the gas ratios method) and the gas Wetness/Balance/Character plots.

3.3 Explanation of Gas Composition Diagrams

The Triangle or Gas Composition Diagram is used to graphically represent the hydrocarbon distribution in the gas and to determine whether it corresponds to a gas or oil reservoir. The triangular diagram is obtained by tracing lines on three scales at 120° to each other, corresponding respectively to the ratios of ethane, propane and normal butane to the total gas. The scales are arranged in such a way that if the apex of the triangle is upward, the diagram represents the analysis of gas from a gas zone, while if the apex points downwards, the diagram represents the analysis of gas from an oil zone. A large triangle diagram represents dry gas or low GOR oil, while small triangles represent wet gases or high GOR oils. The centre of the triangle should fall inside the area delineated by the dotted line, which encircles compositions that are regarded as 'normal'. If the triangle area is outside this area the gas indicates that the reservoir is not exploitable and that the heavier hydrocarbon composition is 'abnormal' i.e. hydrocarbons that are chemically altered or gases with special compositions which are not associated with oil.

The Gas Ratio Analysis Diagram is a plot of the ratio of C1 to the other gas elements. The magnitude of the methane to ethane ratio determines if the reservoir contains gas or oil or if it is non-productive. The following conclusions are possible:

Ratio C1/C2:	< 2	non-productive zone
	2 - 15	oil present
	15 - 65	gas present
	> 65	non-productive zone

The slope of the line of the ratio plot of C1/C2, C1/C3, C1/C4 and C1/C5 indicates whether the reservoir will produce hydrocarbons or hydrocarbons and water. Positive line slopes

indicate production; negative line slopes indicate water-bearing formations. When using the Gas Ratio Diagram, the following points should be borne in mind:

1. Productive dry gas zones may show only C1, but abnormally high shows of C1 are usually indicative of saltwater zones.
2. If the ratio C1/C2 is low in the oil section and the ratio C1/C4 is high in the gas section, the zone is probably non-productive.
3. If any ratio (C1/C5 excepted in an oil based mud) is lower than the preceding ratio then the zone is probably non-productive.
4. The ratios may not be definitive for zones of low permeability.
5. Steep gas ratio plots may be indicative of tight zones.

3.4 Explanation of Wetness/Balance/Character Curves

Another method for evaluating gas zones plots against depth three ratios: hydrocarbon Wetness (W_h), hydrocarbon Balance (B_h) and hydrocarbon Character (C_h), where:

$$W_h = \frac{(C2 + C3 + C4 + C5)}{(C1+C2+C3+C4+C5)} \times 100\ (\%)$$

$$B_h = \frac{(C1 + C2)}{(C3 + C4 + C5)}$$

$$C_h = \frac{(C4 + C5)}{C3}$$

Wetness (W_h) is the primary zone indicator and provides a measure of the relative proportion of heavier gases in the overall gas show as follows:

$W_h < 0.5$	Light non-associated gas with low productivity potential or only geo-pressured methane.
$0.5 < W_h < 17.5$	Potentially productive gas with gas density increasing with W_h.
$17.5 < W_h < 40.0$	Potentially productive oil with gravity decreasing as W_h increases.
$W_h > 40.0$	Heavy or residual oil with low productivity potential.

As reservoir hydrocarbons become denser in the transition from gas to oil, Balance (B_h) and Wetness (W_h) values move closer together and eventually intersect. The zone guidelines for B_h combine with those for W_h to improve reliability of show evaluation as follows:

$W_h < 0.5$ and $B_h > 100$	Very light, dry gas that is almost certainly non-productive.
$0.5 < W_h < 17.5$ and $W_h < B_h < 100$	Productive gas with gas increasing in wetness and density as the two curves converge.
$0.5 < W_h < 17.5$ and $B_h < W_h$	Productive gas condensate or a high gravity gas/oil ratio.
$17.5 < W_h < 40$ and $B_h < W_h$	Productive oil with oil gravity decreasing - density increasing as the curves diverge.
$17.5 < W_h < 40$ and $B_h > W_h$	Non-productive residual oil.

Character (C_h) values serve to resolve ambiguities between oil or gas indications by defining the following:

$0.5 < W_h < 17.5$ and $B_h < W_h$ and $C_h < 0.5$	Productive wet gas or condensate.
$0.5 < W_h < 17.5$ and $B_h < W_h$ and $C_h > 0.5$	Productive high gravity and/or high GOR oil.

It is important to note that in the conclusion to each of the interpretive tools, the terms 'productive' and 'non-productive' are used in a geochemical sense. Ultimate production of a zone is dependent upon reservoir thickness and extent as well as other physical and economic factors that are not taken into account when analysing gas compositions. The methods discussed here are intended to assist the interpretive skills of the geologist or log analyst. Please refer to the Gas Ratio Log enclosure.

3.5 Gas Composition Discussion - Reserval

The first advantage that the Reserval gas system has over the older style of auxiliary equipment that is used is the type of degasser that provides the sample. The GZG degasser that the Reserval use is a constant volume degasser that is not affected by mudflow variations unlike the older style GZ1 degasser. The high energy to volume ratio of the GZG degasser means that a much higher proportion of the gas is removed from the mud. These features mean that a very high quality sample is obtained for accurate analysis.

This high quality sample is then analysed by the high-speed chromatograph of the Reserval. The auxiliary gas chromatograph, the FCP, has a typical analysis time of about four minutes compared with the Reserval, which has a fast cycle time of just 42 seconds. This short cycle time means that much better definition is possible while drilling. This combined with the much greater accuracy of the Reserval, combine to provide a much more accurate representation of the hydrocarbon gasses contained within the formations of interest when compared with the older auxiliary gas detection equipment that we have in use.

Gas monitoring commenced using the Geoservices Reserval from the beginning of the 12.25" phase at 1006 m after top hole casing was run, through to the well's total depth of 3414 m. All of the gas equipment was calibrated prior to commencement of drilling of the 12.25" phase and was re-checked at T.D. of the well.

No significant gas was encountered while drilling through the calcareous sediments above and within the Lakes Entrance formation in the upper part of the 12.25" hole section. Drilling of this interval above 2088 m occurred with a mud weight that gradually increased from 8.7 ppg to 10.0 ppg, with consistent background gas levels of 2-8 units and a maximum peak of 18.1 units at 1774.5 m. This gas was extremely dry, predominantly consisting of C1 (methane) levels above 95-97%, C2 (ethane) levels of 1-3%, with traces of C3 (propane), C4 (butane), and C5 (pentane) gas.

These low gas levels then proceeded to decrease further as drilling continued through the Latrobe Group (2088.5 mMD), the Base Tuna-Flounder Channel (2161.5 mMD), and the Kate Shale (2405.5 mMD). The mud weight was constant at 10 ppg during this time and background gas levels were constant in the 0 to 3 unit range, again consisting mainly of methane. The maximum gas level recorded in these formations was 5.4 units at 2117 m, however Trip Gas of over 52 units was recorded after a bit trip at 2497 mMD. As drilling proceeded through the K2 Sandstone to the top of the reservoir, background gas readings gradually increased from less than 1 unit to 7-15 units by 2956 mMD. The maximum gas peak recorded in the 12.25" hole section occurred at 2947.5 mMD with 57.7 units and a C1 to C5 breakdown of 85/10/4/1/Trace. The last 70m or so of this hole section showed a marked increase in the proportion of C2 and C3 gas in the samples recorded and this is most likely associated with the incidence of Coal layers in the Sandstone/Siltstone lithology and increased ROP due to drilling having resumed surface rotation after considerable sliding down hole.

After running the 9.625" casing, the reservoir zones were drilled using an 8.5" bit with minimal sliding and mud weight reduced to 9.3 ppg. Unfortunately, due to degasser malfunctions, the gas data was erratic down to 3094m, with the maximum peak recorded in this interval being 58.9 units at a C1 to C5 breakdown of 88/8/3/1/Trace. However, when these degassers were once more fully operational, several promising gas peaks were observed in Sandstone deposits:

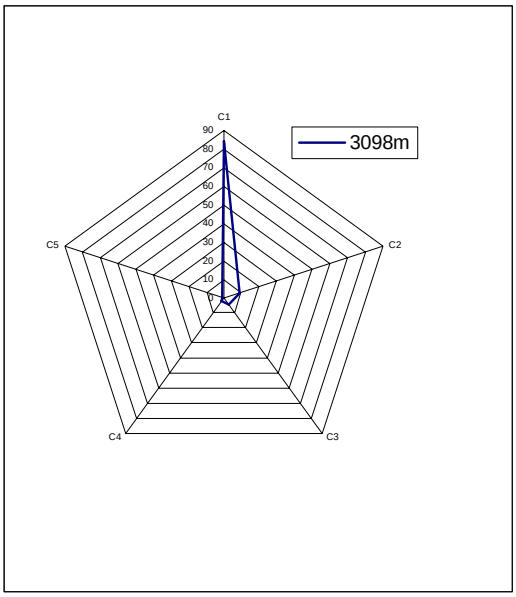
- At 3098m - 128.9 units (corrected TG) - C1 to C5 breakdown of 84/9/4/2/1
- At 3132m - 120.7 units (corrected TG) – C1 to C5 breakdown of 83/9/5/2/1
- At 3262m - 191.3 units (corrected TG) – C1 to C5 breakdown of 86/8/3/2/1
- At 3353.5m - 27.4 units (corrected TG) – C1 to C5 breakdown of 83/8/6/2/1

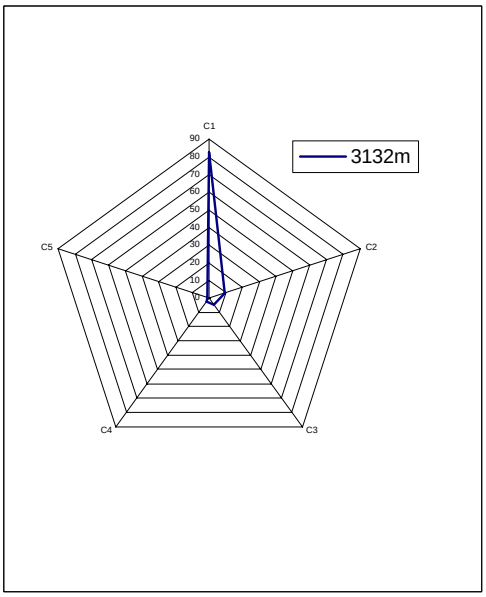
Background gas readings throughout these reservoir zones varied between 2 and 20 units with similar C1 to C5 proportions, denoting a relatively dry gas with negligible heavy gas components.

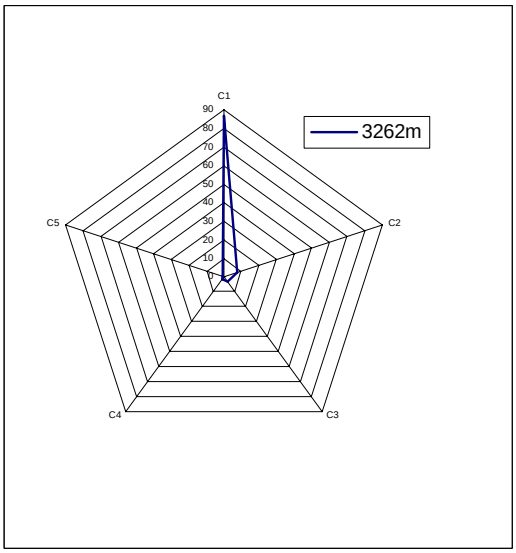
It is interesting to note that according to the hydrocarbon Wetness, Balance and Character ratio indicators, each of these gas peaks in the reservoir zone corresponds to a potentially productive high gravity oil zone (i.e. where $0.5 < W_h < 17.5$, and $B_h < W_h$, and $C_h > 0.5$), except for the gas peak at 3262 mMD which has gas ratios indicative of a potentially productive gas zone (i.e. where $0.5 < W_h < 17.5$, and $W_h < B_h < 100$). The interpretations of these zones are listed below. Gas percentage plots are shown on the next page.

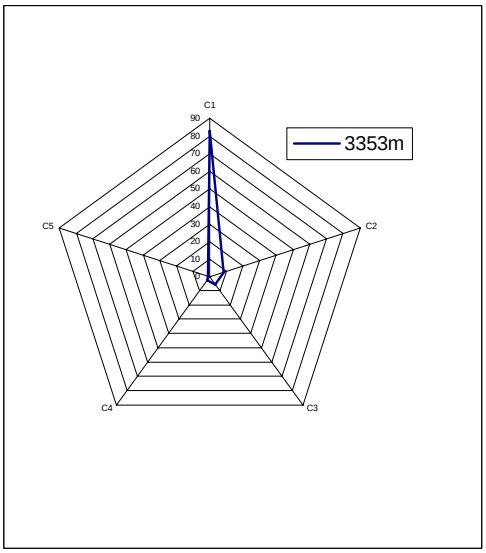
Depth Interval (m)	Main / Auxiliary	Gas Peak (units)	Wetness	Balance	Character	Interpreted Zone
3083 - 3108	Main	128.9	15.7	12.8	0.65	Productive high gravity and/or high GOR oil
	Auxiliary	-	-	-	-	Gas Not Recorded
3129 – 3140	Main	120.7	17.4	10.4	0.73	Productive high gravity and/or high GOR oil
	Auxiliary	105.2	17.2	12.5	0.34	Productive wet gas or condensate
3255 – 3265	Main	191.3	13.6	16.2	0.65	Productive gas with gas increasing in wetness and density
	Auxiliary	154.4	13.1	19.4	0.38	Productive gas with gas increasing in wetness and density
3353 – 3360	Main	27.4	17.4	9.8	0.62	Productive high gravity and/or high GOR oil
	Auxiliary	15.9	16.5	12.0	0.40	Productive wet gas or condensate

Gas Percentage Plots For The Four Main Gas Peaks









Revision	Date	Issued by	Approved by	Remarks
2	Dec 2005	Geoservices Unit 170	Operations Manager	

Gas Composition Discussion – Auxiliary Gas Equipment

The gas readings recorded from the auxiliary gas equipment showed similar trends to that of the Reserval as would be expected. The auxiliary equipment used was the FCP chromatograph and the FGP total gas analyser.

The most obvious difference between the readings of the main gas equipment and the auxiliary gas equipment was the level of gas recorded. Geoservices Reserval when used in combination with the GZG degasser will usually read lower gas values than that of the FCP and FGP, which is used in combination with the GZ11 degasser due to the volume of mud that is degassed. In the case of the GZG the volume of mud degassed is constant thus providing for a more reliable reading. As would be expected in this well the auxiliary equipment measured values that were typically more than double those measured by the Reserval.

Due to the fluctuating mud levels in the possum belly, particularly during connections and also whenever the flow rate was changed, the auxiliary gas readings were affected giving false increases and decreases in the gas levels. But generally the FCP and FGP gave a good reliable indication of the gas trends. Generally the same conclusions can be drawn from the data provided by the auxiliary equipment as by the data obtained from the Reserval.

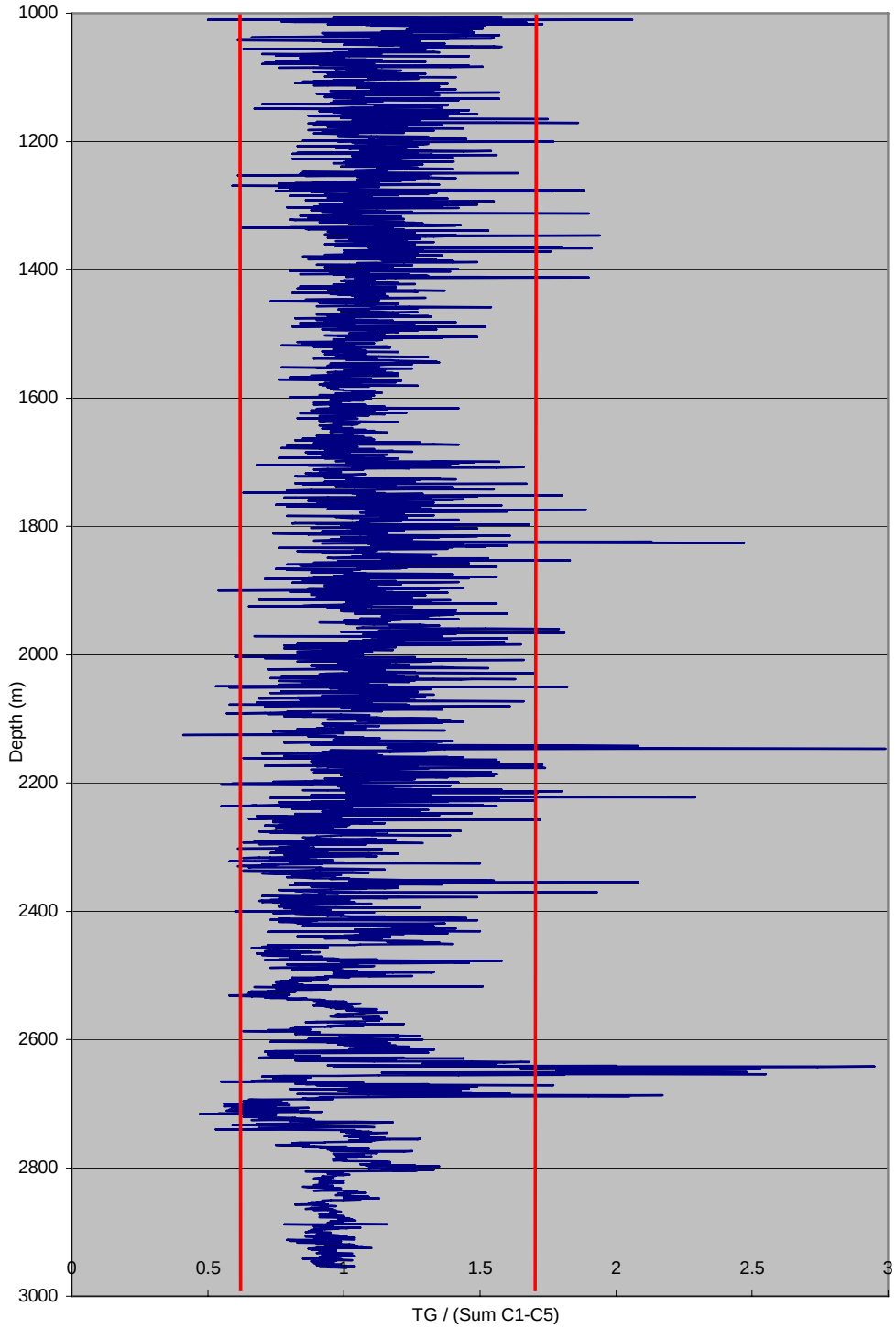
The degasser for the auxiliary gas equipment failed during the drilling of the 216mm (8.5”) hole from 3074m. This degasser was replaced and gas recording resumed from 3117 m.

Gas Equipment Problems

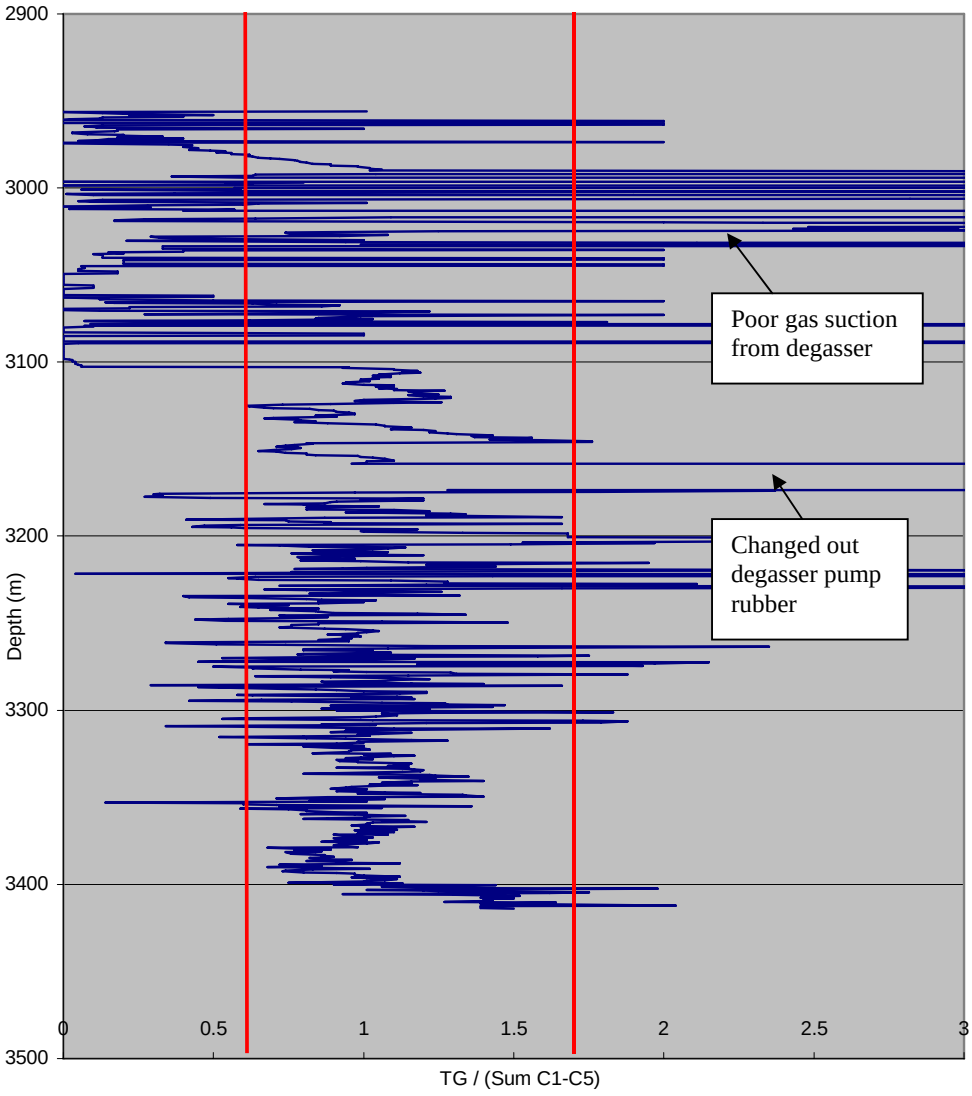
Depths (m)	Problem Encountered	Main or Auxiliary Gas
2956 - 2974	Insufficient mud flow while displacing	Main & Auxiliary
2990 - 3094	Poor suction of gas at gas trap – Clean degasser	Main
3074 - 3117	Mud agitator dropped off – Replaced degasser	Auxiliary
3158 - 3173	Degasser pump rubber failure – Replaced rubber	Main

3.7 Reserval Function Plots

3.7.1 Reserval QC Plot – 12.25” Hole



3.7.2 Reserval QC Plot – 8.5" Hole



4.0 PRESSURE ANALYSIS

4.1 Introduction

There are several techniques available which when used in the appropriate overpressured environment, can often predict an approaching overpressured zone while drilling. Each technique may give slightly different results according to geological and drilling conditions. Geoservices currently uses the following parameters to indicate overpressured regions while drilling:

D Exponent: This is a normalized rate of penetration that takes into account mud weight, bit wear and hydraulics. It can be reliably used in shales and clean claystones; and as an indicator in siltstones, silty shales and calcareous claystones. A normal trend line is established through normally pressured shale points, representing a normal compaction trend, and any leftward deviation of subsequent shale points from this trend, representing relative undercompaction, indicates overpressure (plotted relative to depth) or increased porosity due to changes in the lithology.

Temperature: By plotting mud flowline temperature against depth a temperature gradient can be established. Theory states that a zone of low heat flow or "thermal shadow" occurs prior to the overpressured zone, which in turn is followed, by a complementary zone of abnormally high heat flow in the overpressured zone (due to its higher water content). However, the data has to be interpreted cautiously as additions of water to the active system/shakers can lower the mud temperature and mud chemicals added to the active system can cause exothermic/endothermic reactions. Bit and wiper trips cause decreases in temperature on surface.

Cuttings: Small, splintery cuttings can be used as an indicator of overpressured regions. Long propeller shaped cuttings may be an indicator of overpressure or may be the result of hydration of reactive or swelling clays.

Overpull/Torque/Fill: Overpull when making a connection or tripping can be an indicator that the hole is collapsing into the well bore, either due to clay hydration or a formation pressure that is greater than the mud weight. Similarly, excessive fill on a trip or after a connection can also indicate that the well bore is collapsing in. High torque can also be an indicator of well bore collapse, although it can also be due to formation type, bearing failure or simply the annulus becoming clogged up by cuttings due to insufficient hole cleaning in large diameter holes.

Gas *Connection gas*: During circulation the downhole pressure exerted by the mud, weight increases due to friction losses in the annulus. This is calculated as an ECD - or equivalent circulating density. Thus, when the pumps are stopped for a connection the downhole pressure exerted by the mud decreases by an amount equivalent to the difference between the ECD and mud weight. If the mud weight is close to or actually underbalanced, then gas may be fed-in to the well bore during the few minutes the pumps are turned off and register as a gas peak one lag time after the connection. The magnitude of this peak is determined by such factors as permeability, gas content of the formation, amount of swabbing as well as the relative pore pressure / mud weight.

Background gas: Background gas is not as good an indicator of formation pressure as connection gas since several factors can influence it unrelated to abnormal pressure.

Increases in porosity and permeability, gas saturation, coal content of formation, etc., can cause the background to increase in addition to an underbalanced situation. Another point is that the formation pressure would have to exceed the ECD (not just the mud weight as in connection gas), in order for the formation gas to feed-in to the well bore.

Trip gas: Analogous in some ways to connection gas, trip gas is the gas registered at surface after circulating bottoms up after a round trip. However, trip gas magnitude is influenced by various other factors such as amount of swabbing and time since last circulation. The presence of trip gas is not necessarily indicative of an underbalanced situation, but the value above background can be used comparatively with other trip peaks.

4.2 Pressure Summary

Formation pressures were monitored throughout this well by recording a range of indicators, varying from direct observations of background gas and cuttings, to drilling characteristics such as torque and drag when pulling off bottom. Incorrect hole fill when tripping and mud properties such as flowline temperature are also taken into consideration. The Geoservices D'Exponent package is also used as a tool in the determination of abnormal formation pressures.

D'exponent:
Coefficients used for this well, results plotted in Geoservices Pressure Log.

Poisson : a = 0.26600 b = -2.66700

Overburden : a = 0.01304 b = -0.17314 c = 1.43350

Normal trend slope : a = 0.0001017

From 0 – 2956 m

Normal trend offsets : b = -0.0758887
Sandline : = -0.0229999

From 2956 m – 3414 m

Normal trend offsets : b = -0.2900625
Sandline : = -0.0259998

The 36" and 17½" phases were drilled with sea water and returns were to the seabed, however a normal trend was set in the 12¼" phase, this yielded a normally pressured gradient for this well, following a reasonably linear trend.

The D'exponent trend tracks in a generally linear trend down to approximately 1580m, at which point the trend takes a general shift to the left indicating a possibly undercompacted zone. This decreasing trend continued until about 2250 m, at which point it started increasing until it returned to near the normal compaction trend line again by 2550 m. At 2088 m the Latrobe Formation was encountered which consists of interbedded sandstone and siltstone in which the D'exponent plot is unable to give an accurate representation of the compaction of the rock.

However this does not account for the decrease from 1580 m to 2088 m. The weight on bit decreased substantially in this section of the hole and as the D'exponent calculation relies heavily on the WOB this is why the shift has occurred. There were no other indications of a possible undercompacted zone apparent, so on it's own this is certainly not enough to say there is any type of abnormally pressured zone.

The general decrease in the trend at 2956 m was related to the change from 12.25" hole to 8.5" hole, the trend line that was set in the upper part of the 12.25" hole was adjusted for this phase change. The D'exponent values have been affected by sliding which occurred at various points between 2468 m and 2905 m in order to build angle.

There are many zones that contain sandstone from 2088 m down to TD at 3414 m, which as previously mentioned give an inaccurate representation of the compaction of the rock and thus a pressure analysis is unreliable for this section. Overall the D'exponent plot indicates one possible zone of abnormal pressure from 1580 m to 2088 m within an argillaceous zone, however no other indicators support this.

Gas: This well was drilled with an overbalanced mud system (9.2-9.4ppg), as a result of which no connection gasses were observed. The only elevated gas levels of up to 158 units were from the target zones of the Latrobe Group, which were the result of gas being liberated from the rock.

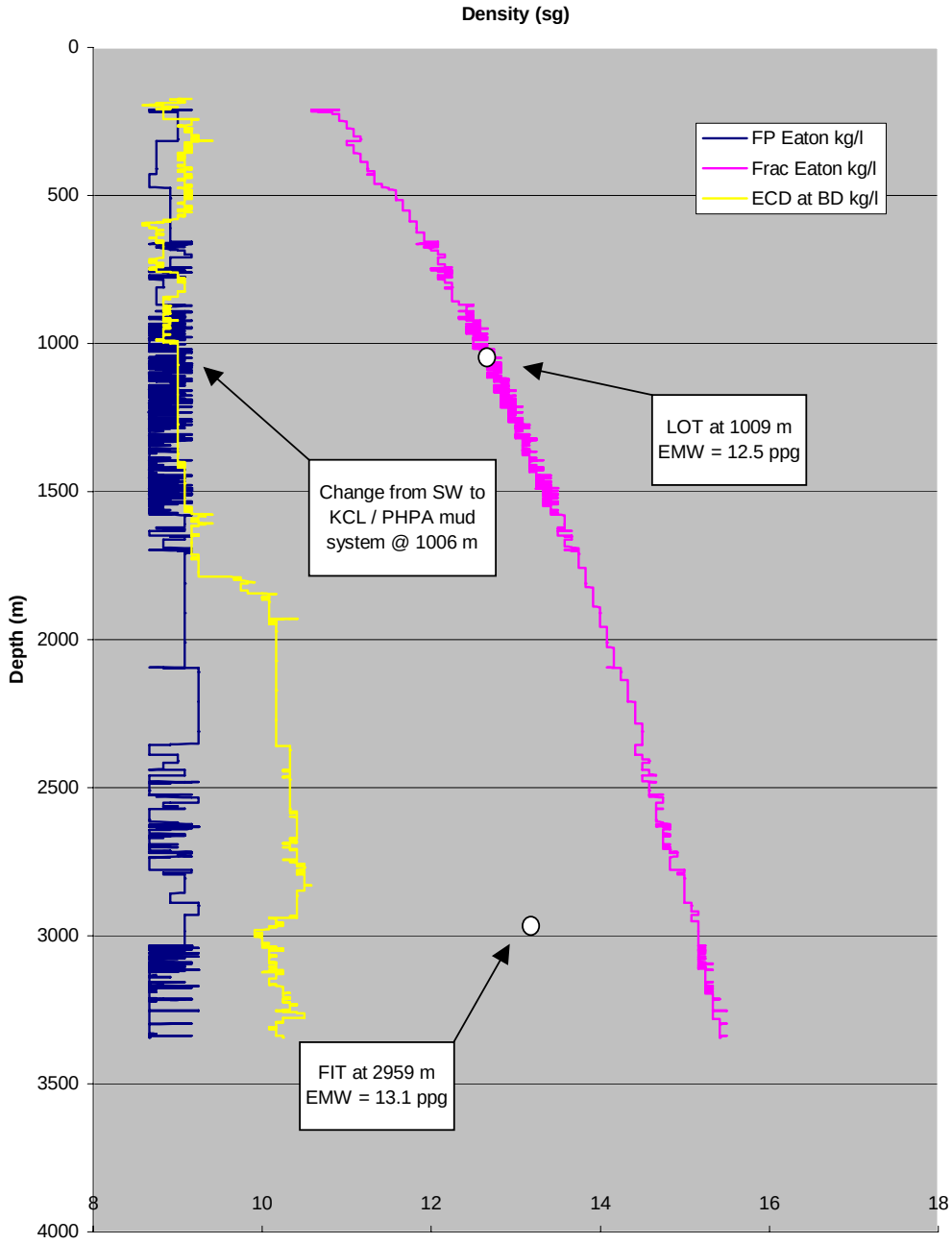
Torque & Drag: The only time that high torque was observed was during the 8.5" phase. This was observed both on and off bottom, no definite cause has been attributed to this high torque but it may have been due to the dog logs in the section of the hole where angle was built. It is not thought that it was due to abnormal pressured formations. No abnormal drag was noticed while pulling up prior to connections.

Flowline Temperature: The flowline temperature increased generally in a linear trend over the length of the well. It went from a low of 27°C coming out of the well just after the start of the 12.25" phase up to a maximum of 61°C before TD. The only times that there were any rapid increases in the flowline temperature were after breaks in the drilling such as bit trips. This was to be expected as the mud cooled while not circulating and so was not indicative of an abnormally pressured zone, which may have been otherwise evident by such an increase in temperature.

Cuttings: There were no unusually sharp splintery cavings or large cuttings with concave cross section observed at the shakers that may have indicated an abnormally pressured zone in this well.

The majority of indicators pointed to a normally pressured environment from surface to TD while drilling Basker 2

4.3 Formation Pressure Plot



5.0 DRILLING INFORMATION

5.1 Mud Record

From spud down to 1006 m the well was drilled with seawater and PHG sweeps with returns to the sea floor. Once the 445mm (17½") casing was run and cemented in place the well was displaced to a KCL / PHPA mud system prior to drilling ahead from 1006m in the 311mm (12¼") hole section. The KCL / PHPA mud system was used throughout the 12.25" and 8.5" hole sections.

The mud weight was maintained between 8.8 and 10.2 ppg in the 12.25" hole and between 9.2 and 9.4 ppg in the 8.5" hole. Properties of this mud are also listed below.

Depth m	MW ppg	FV sec/qt	PV cps	YP lb/100'	Gels Lb/100'	WL cm/ 30"	Solids %	Sand %	Chlorides mg/L	Cake /32"
1010	8.8	48	8	12	3/3/4	15	8	-	44K	1
1270	8.8	48	13	14	4/5/6	9.2	6	Tr	44K	1
1492	9.0	51	10	19	4/6/7	7.2	8	Tr	44K	1
1660	9.3	50	11	20	6/8/9	6.8	8	0.5	42K	1
1841	10.0	54	13	26	8/12	5.4	10	0.25	43K	1
1975	10.0	56	15	29	9/13/15	4.8	10	0.5	41K	1
2314	10.2	54	14	28	9/12/15	4.4	10	0.5	41K	1
2409	10.1	55	15	31	8/12/15	4.4	10	0.5	41K	1
2497	10.0	65	16	31	9/15/18	4.4	10	0.5	36K	1
2560	10.0	62	19	37	11/15/17	4.4	10	0.5	30K	1
2654	10.0	69	19	42	12/20/22	4.5	9.5	0.5	35K	1
2739	10.0	79	20	43	13/18/23	4.2	10	0.5	41K	1
2839	10.0	65	19	45	12/18/21	4.2	10	0.5	38K	1
2936	10.0	63	18	47	14/21/26	4.5	10	0.7	39K	1
3077	9.2	54	14	28	7/10/14	5.2	7	0.5	45K	1
3157	9.3	74	16	37	11/16/18	5.0	7	0.25	38K	0.5
3297	9.4	58	16	36	11/15/18	5.0	7	0.5	39K	0.5
3344	9.3	54	17	34	12/16/17	4.6	7	0.5	34K	0.5
3414	9.3	54	16	34	10/15/17	5.0	7	0.25	32K	0.5

5.2 Bit Record

Bit #	Size (in)	Make	Type	Jets	TFA In^2	In (m)	Out (m)	Run (m)	Hrs	WOB klbs	RPM	TORQ kft*lbs	SPP psi	Flow gpm	Grading
1	17.5"/ 36" H.O	Hughes	MX-1	3x20/ 4x18	1.914	172	208	36	1	0-1	70-100	2.5-3.4	430-880	560-840	Not graded
1RR	17.50"	Hughes	MX-1	3x20	0.920	208	1006	798	20.9	5-25	145-160	2.5-5	1675-2650	990-1060	0-0-NO-A-E-I-RR-TD
3	12.25"	Security	FM 3653Z	3x16, 3x18	1.334	1006	2497	1491	43.2	15-30	120-245 (Surf+MM)	4-7.5	2150-3550	910-935	1-4-WT-S-X-2-CT-BHA
4	12.25"	Smith	GFS10BV	4x20	1.227	2497	2741	244	36.1	8-40	100-230 (Surf+MM)	0-6.2	2920-3690	760-915	4-4-WT-G-E-2-BT-BHA
5	12.25"	Hughes	MXCO9H	3x20, 1x18	1.169	2741	2956	215	24.8	17-44	105-221 (Surf+MM)	0-6.5	3350-3800	820-900	3-4-WT-A-E-1-BT-TD
6	8.5"	Security	FM3743	3x13, 2x16	0.781	2956	3311	355	14.2	0-39	45-360 (Surf+MM)	0.2-0.2	1990-3780	155-890	1-4-WT-S-X-1-CT-WO
7	8.5"	Hughes	MX20D	3x14	0.451	3311	3414	103	18.9	10-41	85-120	6.3-20.2	2800-4216	570-700	3-3-BT-A-E-1-WT-TD

5.3 Hydraulic Listing

Depth (m)	Mud Weight (ppg)	ECD (ppg.)	Flow Rate (gpm)	Total Pressure Loss (psi)	Pressure Loss Across Bit (psi)	Mud Velocity Through bit (m/sec)	Bit Hydraulic Power (hp)	Mud Impact at Bit (lbf)	Total Hydraulic Power (hp)	Ratio (Bit Pwr/Total Pwr) (%)
1539	9.0	9.05	1020	1655	397	67	215	950	897	24
1893	10.0	10.10	930	1663	410	65	214	981	869	24.7
2438	10.0	10.18	880	2648	406	65	211	970	1376	15.3
2497	10.0	10.16	880	2858	407	65	212	974	1487	14.3
2577	10.0	10.33	880	2951	482	70	251	1060	1536	16.3
2664	10.0	10.33	873	2962	473	70	244	1040	1527	16.0
2739	10.0	10.33	890	3203	491	71	258	1080	1683	15.3
2839	10.0	10.33	890	3201	541	75	285	1134	1682	16.9
3080.5	9.2	9.7	640	2305	102	34	38.7	340	871	4.4
3157	9.3	9.9	705	2537	125	37	52.2	417	1056	4.9
3297	9.4	10.0	705	2598	126	37	52.6	421	1082	4.9
3344	9.4	10.0	680	3816	1999	148	802.7	1615	1532	52.4
3414	9.3	9.9	680	3815	1981	148	795	1600	1532	51.9

5.4 Drilling Phase Summary

5.4.1 914mm (36”) Hole Section

Date	: 14th August 2005
Measured depth	: 174 m – 208 m
TVDSS LAT	: 174 m – 208 m
Number of bits used	: 1
Mud type	: Seawater, with gel sweeps

Basker 2 was spudded at 12:00 hours, on the 14th August 2005. A 914mm (36”) BHA was made up, consisting of a 445mm (17.5”) Hughes MX-1 bit, and a 914mm (36”) hole opener. Sea floor sediments were tagged at 174 m and 914mm hole was drilled without incident to a depth of 208 m. Gel sweeps were then pumped around the well prior to displacing to a gel mud before pulling out of hole and rigging up to run the 762mm (30”) conductor. This bit drilled 36 m of new formation in 1 hour, at an average ROP of 36 m/hr. The bit was not graded until the end of the next run.

The 762mm (30”) conductor was run and cemented on bottom at a depth of 208 m as per programme.

5.4.2 445mm (17.50") Hole Section

Dates	: 15-16th August 2005
Measured depth	: 208 - 1006 m
TVDSS LAT	: 208 – 1006 m
Number of bits used	: 1
Mud type	: Seawater with gel sweeps

The 17½" hole phase was drilled using the re-run Hughes MX-1 from the 36" hole phase. This bit was run in hole and drilled out the cement and conductor shoe, new hole was drilled ahead from 208 m down to 1006 m, which was T.D. for this phase. This section was drilled with seawater and gel sweeps, at T.D. the hole was displaced to pre-hydrated gel mud. This bit drilled a total of 798 m in 20.9 on bottom hours at an average ROP of 38.2 m/hr. This bit was graded 0-0-NO-A-E-I-RR-TD.

There were no hole problems encountered during the drilling of this section. 13.375" casing was run at this point and cemented in at 1000 m. Following this the BOP stack was moved into position in the moon pool area and then was run to the sea floor on the marine riser and latched to the well head.

After the BOP stack was pressure tested successfully a wireline velocity survey was attempted but was subsequently postponed due to mechanical problems with the wireline unit. The 17.5" BHA was then laid down.

5.4.3 311mm (12.25") Hole Section

Dates	: 20th August-5th September 2005
Measured depth	: 1006 - 2956 m
TVDSS LAT	: 1006 – 2941.6 m
Number of bits used	: 3
Mud type	: KCL-PHPA

The 311mm (12.25") phase was drilled to a depth 2956 m with the 311mm phase drilling approximately 870 m into the Latrobe formation. This phase was prognosed to be drilled with a single PDC bit however an additional 2 TCI bits were required to finish this section of hole.

A Security FM3653Z bit was run in hole with MWD tools. The cement and casing shoe were drilled out and a LOT was performed resulting in an EMW of 12.5 ppg. During the initial stages of this phase no problems were encountered and the open hole was drilled to a depth of 1690 m before pulling back into shoe and picking up extra pipe. Once back on bottom the hole was drilled to a depth of 2497m where it was pulled due to directional problems. This bit drilled a total of 1491 m in 43.2 on bottom hours at an average ROP of 34.5 m/hr.

Whilst pulling the BHA through the BOP's the top stabiliser became mechanically stuck. The BHA was unable to be pulled free from the BOP so the Heavy weight Drill pipe was backed off and extra Drill Collars run. The stuck pipe was freed, the damaged stabilizer laid out and the BOP's were pulled for inspection. There was no cause found for this incident, so the BOP's and riser where once again run.

The next bit was a Smith GFS10BV, it drilled ahead from 2497 m to 2741 m without any problems. This 244 m was drilled in 36.1 hours at an average ROP of 6.8 m/hr. This bit drilled so slowly due to sliding and attempting to build angle. An electric logging run was made after tripping out with this bit: VSI-4-GR.

The remainder of this phase was then drilled using a Hughes MXCO9H bit. It drilled from 2741 m to 2956 m in 24.8 hours at an average ROP of 8.7 m/hr without encountering any further problems. This run was also slow due to sliding. The 244mm ($9^5/_8$") Casing was run and cemented with the Casing shoe set at 2945m.

5.4.4 216mm (8.5") Hole Section

Dates	: 8-12th September 2005
Measured depth	: 2956 - 3414 m
TVDSS LAT	: 2941.6 – 3344.6 m
Number of bits used	: 2
Mud type	: KCL-PHPA

At this point an 8.5" Security FM3743 bit with a mud motor, BHA and LWD tools were picked up and run in hole. After tagging the cement at 2920 m and drilling out the cement, 9.625" casing shoe and 3 m of new hole to 2959 m a F.I.T. was performed EMW=13.1 ppg. The 8.5" hole was then drilled ahead from 2959 m to 3158 m, at which point a short wiper trip was performed into the casing shoe. Drilling then resumed from 3158 m down to 3311 m at which point a pressure loss was observed. It was decided to pull out of hole to investigate and a washout was discovered at about 1800 m. This bit was pulled out and was graded as 1-4-WT-S-X-1-CT-WO, it drilled a total of 355 m in 14.2 hours at an average ROP of 24.9 m/hr.

Another bit a Hughes MX20D was then run in hole this time without the mud motor and this drilled ahead from 3311 m to T.D. at 3414 m. This bit drilled a total of 103 m in 18.9 on bottom hours at an average ROP of 5.5 m/hr. This bit was graded as 3-3-BT-A-E-1-WT-TD.

The only hole problem encountered in this section was high torque which was for much of this phase. The reason for this was not apparent and may have been due to dog legs higher up in the hole. T.D. was reached at 14:00 hrs on 11th of September 2005.

At T.D. the following electric logs were run:

1) FMI-DSI-HRLA-PEX-HNGS
2) VSI-4-GR
3) MDT-GR
4) MDT-GR

Following the logging runs the 7" liner was run and set from 2850 m to 3412 m. This liner was then cemented in place as per programme. A BOP test was then performed which was followed by a scraper and clean out run inside the 7" liner, at this point the well was displaced to brine. Potential production zones were then perforated and flow tested. The well was then suspended and anchors were pulled.

APPENDIX 6

LWD

HALLIBURTON

Sperry Drilling Services

LWD End of Well Report

for

Anzon Australia Ltd

Basker -2

Rig: Ocean Patriot

Field: Basker

Country: Australia

Job No: AU-FE-0003704943

Date: 15th August 2005

HALLIBURTON

Table of Contents

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General Information

Company:	Anzon Australia Ltd	
Rig:	Ocean Patriot	
Well:	Basker-2	
Field:	Basker	
Country:	Australia	
API Number:		
Sperry-Sun Job Number:	AU-FE-0003704943	
Job start date:	15-Aug-05	
Job end date:	11-Sep-05	
North reference:	Grid	
Declination:	13.380	deg
Dip angle:	-68.731	deg
Total magnetic field:	59926	nT
Date of magnetic data:	12-Aug-05	
Wellhead coordinates N:	38 deg. 17 min 58.510 sec South	
Wellhead coordinates E:	148 deg. 42 min 24.720 sec East	
Vertical section direction:	189.88	deg
MWD Engineers:	A. Oraekwuotu	J. Nicolson
	A. Rule	
Company Representatives:	W. Westman	R. King
Company Geologist:	M. Woodmansee	R. Blackmore
Lease Name:	VIC/RL6	
Unit Number:	SDL-197	
State:	Victoria	
County:		

Operational Overview

Sperry Drilling Services, a division of Halliburton, were contracted by Anzon Australia Ltd to provide Logging While Drilling (LWD) services on the appraisal well Basker-2, located in the Bass Strait, offshore Victoria.

36" Hole Section
Sperry tools were not run in the 36" hole section.

17½" Hole Section
This hole section was drilled with a rotary assembly and Directional Gamma while Drilling (DGWD) tools to provide realtime directional survey as well as realtime and recorded gamma data. The tools used incorporated a positive pulser, Directional Module (DM), Gamma Module (GM) and a Battery Module (BM) to enable pumps down surveys. It was drilled in one bit run from 208.0 to 1006.0 mMDRT.

12¼" Hole section
This hole section was drilled with a steerable assembly and logging while drilling (LWD) tools to provide realtime and recorded directional survey, drilling and formation evaluation data. The tools incorporated a positive pulser, Directional Module (DM), Dual Gamma Ray (DGR), Electromagnetic Wave Resistivity (EWR) and Drillstring Dynamics Senor (DDS) to monitor downhole string vibration. It was drilled in three bit runs from 1006.0m to 2956.0 mMDRT.

8½" Hole section
This hole section was drilled with a steerable assembly and logging while drilling (LWD) tools to provide realtime and recorded directional survey and formation evaluation data. The tools incorporated a positive pulser, Position Monitor (PM), Dual Gamma Ray (DGR) and Electromagnetic Wave Resistivity (EWR). It was drilled in two bit runs from 2956.0m to Basker-2 TD at 3414.0 mMDRT.

Summary of MWD runs

Run No.	Bit No.	Hole Size (mm)	MWD Service	Start Depth (m)	End Depth (m)	Drill/Wipe Distance (m)	Run Start Date Time	Run End Date Time	BRT Hrs.	Oper. Hrs.	Circ. Hrs.	Max. Temp. (degC)	Serv. Int.	Trip for MWD	Failure Type
0100	2	445.00	DIR-GR	208.00	1006.00	798.00	15-Aug-05 13:00	17-Aug-05 02:37	37.62	37.62	26.25	24.00	No	No	
0200	3	311.00	DIR-FE	1006.00	2497.00	1491.00	19-Aug-05 15:49	25-Aug-05 14:38	142.81	142.81	57.99	63.00	No	No	
0300	4	311.00	DIR-FE	2497.00	2741.00	244.00	31-Aug-05 02:48	03-Sep-05 03:46	72.98	72.98	56.46	80.00	No	No	
0400	5	311.00	DIR-FE	2741.00	2956.00	215.00	03-Sep-05 19:32	06-Sep-05 07:40	60.14	60.14	36.57	85.00	No	No	
0500	6	216.00	DIR-FE	2956.00	3310.00	354.00	08-Sep-05 02:45	10-Sep-05 05:12	50.45	50.45	28.07	96.00	No	No	
0600	7	216.00	DIR-FE	3310.00	3414.00	104.00	10-Sep-05 05:57	11-Sep-05 22:58	41.02	41.02	22.92	108.00	No	No	
TOTALS ⟹						3206.00			405.01	405.02	228.26		0	0	

Bitrun Summary

Run Time Data

MWD Run :	0100
Rig Bit No:	2
Hole Size :	445 mm
Run Start :	15-Aug-05 13:00
Run End :	17-Aug-05 02:37
BRT Hrs :	37.62
Circ. Hrs :	26.25
Oper. Hrs :	37.62

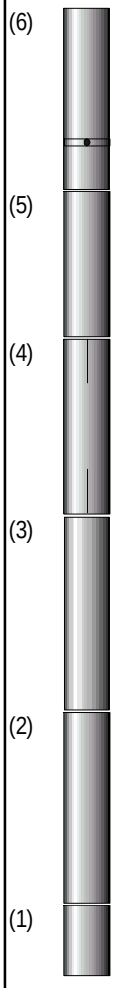
Drilling Data

Start Depth :	208.0	m
End Depth :	1006.0	m
Footage :	798.0	m
Avg. Flow Rate :	1000	gpm
Avg. RPM :	140	rpm
Avg. WOB :	14	klb
Avg. ROP :	38.19	m/hr
Avg. SPP :	2145	psig

Mud Data

Mud Type :	Seawater / Hi-Vis			
Weight / Visc :	1.05	sg /	N/A	spqt
Chlorides :	N/A	ppm		
PV / YP :	1.00	cp /	1.00	lhf2
Solids/Sand :	N/A	% /	N/A	%
%Oil / O:W :	N/A	% /	N/A	
pH/Fluid Loss:	7.00	pH /	N/A	mptm
Max. Temp. :	24.00	degC		

MWD Schematics



6. Positive Pulser
SN : 8298

5. TM
SN : 10505184

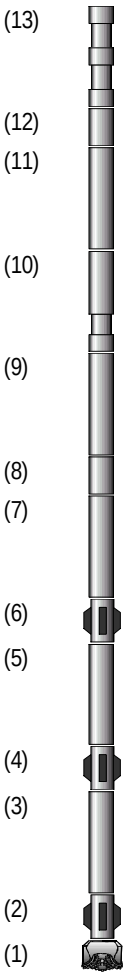
4. DM
SN : 149865
13.88 m From Bit

3. GM
SN : 83563
12.00 m From Bit

2. Battery Module
SN : 25635

1. Hang-off Collar
SN : 209351

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
13.	HWDP	138.43	127	76
12.	Cross Over Sub	1.17	203	76
11.	Drill Collar	18.56	203	76
10.	Drilling Jars	10.11	203	76
09.	Drill Collar	26.68	203	76
08.	Cross Over Sub	1.17	241	75
07.	Drill Collar	27.33	241	73
06.	Integral Blade Stabilizer	1.99	241	76
05.	MWD	9.88	241	76
04.	Integral Blade Stabilizer	2.44	241	76
03.	Pony collar	3.00	241	76
02.	Integral Blade Stabilizer	1.57	241	76
01.	Tricone Hughes MX-1	0.41	445	76

Comments

Drilled 17½" hole from 208.0 m to 1005.0 mMDRT. POOH to run casing.

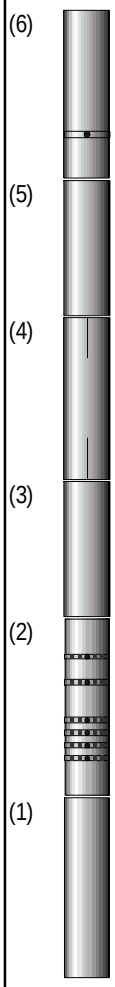
MWD Performance

Tool OD / Type :	241	mm / D/GWD		
MWD Real-time%:	100.0	%		
MWD Recorded%:	95.0	%		
Min. Inc. :	0.00	deg /	885.23	m
Max. Inc. :	0.19	deg /	224.64	m
Final Az. :	275.80	deg		
Max Op. Press. :	1500	psig		

Bitrun Summary

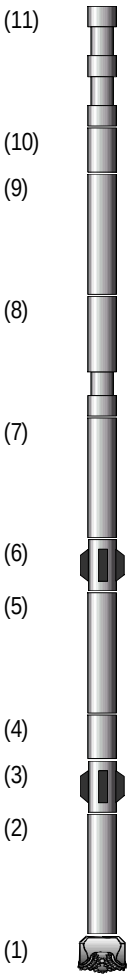
Run Time Data		Drilling Data			Mud Data				
MWD Run :	0200	Start Depth :	1006.0	m	Mud Type :	KCl/PHPA/Glycol			
Rig Bit No:	3	End Depth :	2497.0	m	Weight / Visc :	1.21	sg /	55	spqt
Hole Size :	311 mm	Footage :	1491.0	m	Chlorides :	41000	ppm		
Run Start :	19-Aug-05 15:49	Avg. Flow Rate :	920	gpm	PV / YP :	15	cp /	31	lhf2
Run End :	25-Aug-05 14:38	Avg. RPM :	100	rpm	Solids/Sand :	10	% /	0.5	%
BRT Hrs :	142.81	Avg. WOB :	10	klb	%Oil / O:W :	0	% /	N/A	
Circ. Hrs :	57.99	Avg. ROP :	34.5	m/hr	pH/Fluid Loss:	8.4	pH /	4.4	mptm
Oper. Hrs :	142.81	Avg. SPP :	3500	psig	Max. Temp. :	63	degC		

MWD Schematics



6. Positive Pulser
   SN : 8513
5. TM
   SN : 147461
4. DM
   SN : 149865
   20.89 m From Bit
3. HCIM
   SN : 160772
2. EWR-P4
   SN : 151534
   15.79 m From Bit
1. DGR
   SN : 172496
   13.42 m From Bit

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
11.	HWDP	138.43	162	78
10.	Cross Over Sub	1.17	203	70
09.	Pony collar	5.02	203	71
08.	Drilling Jars	10.11	203	70
07.	Drill Collar	17.64	203	76
06.	Integral Blade Stabilizer	2.47	203	74
05.	MWD	13.10	203	74
04.	Cross Over Sub	1.03	244	75
03.	Integral Blade Stabilizer	2.35	167	75
02.	9-5/8" SperryDrill Lobe 6/7 - 5 stg	8.50	245	75
01.	PDC Security DBS FM3653Z3	0.34	311	51

Comments

Drilled 12¼" hole to 2497.0 mMDRT. POOH to change the bit.

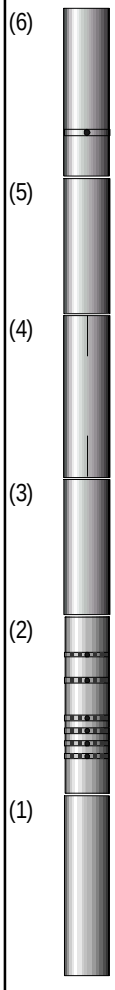
MWD Performance

Tool OD / Type :	203	mm /	P4M	
MWD Real-time%:	77.0	%		
MWD Recorded%:	100.0	%		
Min. Inc. :	0.12	deg /	1007.58	m
Max. Inc. :	2.13	deg /	2413.64	m
Final Az. :	337.28	deg		
Max Op. Press. :	4294	psig		

Bitrun Summary

Run Time Data		Drilling Data			Mud Data				
MWD Run :	0300	Start Depth :	2497.0	m	Mud Type :	KCl/PHPA/Glycol			
Rig Bit No:	4	End Depth :	2741.0	m	Weight / Visc :	1.2	sg /	62	spqt
Hole Size :	311 mm	Footage :	244.0	m	Chlorides :	30000	ppm		
Run Start :	31-Aug-05 02:48	Avg. Flow Rate :	890	gpm	PV / YP :	19	cp /	37	lhf2
Run End :	03-Sep-05 03:46	Avg. RPM :	132	rpm	Solids/Sand :	10	% /	0.5	%
BRT Hrs :	72.98	Avg. WOB :	28.4	klb	%Oil / O:W :	0	% /	N/A	
Circ. Hrs :	56.46	Avg. ROP :	7.26	m/hr	pH/Fluid Loss:	9.3	pH /	4.4	mptm
Oper. Hrs :	72.98	Avg. SPP :	3414	psig	Max. Temp. :	80	degC		

MWD Schematics



6. Positive Pulser
SN : 8484

5. TM
SN : 177893

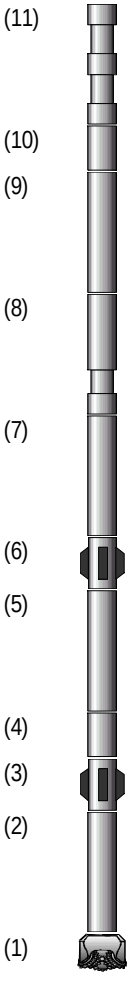
4. DM
SN : 185534
24.18 m From Bit

3. HCIM
SN : 93281

2. EWR-P4
SN : 62355
19.20 m From Bit

1. DGR
SN : 172498
16.84 m From Bit

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
11.	HWDP	138.43	162	78
10.	Cross Over Sub	1.17	203	71
09.	Pony collar	5.02	203	71
08.	Drilling Jars	10.11	203	70
07.	Drill Collar	17.64	203	76
06.	Integral Blade Stabilizer	2.47	203	74
05.	MWD	13.10	203	74
04.	Cross Over Sub	1.03	244	75
03.	Integral Blade Stabilizer	2.35	16	75
02.	9-5/8" SperryDrill Lobe 6/7 - 5 stg	8.50	245	75
01.	Tricone Smith GFS10BVOPS	0.35	311	73

Comments

Drilled 12¼" hole to 2741.0 mMDRT. Begin directional drilling at 2575.0 mMDRT. POOH to change bit.

MWD Performance

Tool OD / Type :	203	mm /	P4M	
MWD Real-time%:	96.25	%		
MWD Recorded%:	100.0	%		
Min. Inc. :	0.87	deg /	2557.34	m
Max. Inc. :	9.30	deg /	2700.45	m
Final Az. :	184.65	deg		
Max Op. Press. :	4670	psig		

Bitrun Summary

Run Time Data		Drilling Data			Mud Data				
MWD Run :	0400	Start Depth :	2741.0	m	Mud Type :	KCl/PHPA/Glycol			
Rig Bit No:	5	End Depth :	2956.0	m	Weight / Visc :	1.20	sg /	65	spqt
Hole Size :	311 mm	Footage :	215.0	m	Chlorides :	38000	ppm		
Run Start :	03-Sep-05 19:32	Avg. Flow Rate :	889	gpm	PV / YP :	19	cp /	45	lhf2
Run End :	06-Sep-05 07:40	Avg. RPM :	155	rpm	Solids/Sand :	10	% /	0.5	%
BRT Hrs :	60.14	Avg. WOB :	33	klb	%Oil / O:W :	0	% /	N/A	
Circ. Hrs :	36.57	Avg. ROP :	9.2	m/hr	pH/Fluid Loss:	8.8	pH /	4.2	mptm
Oper. Hrs :	60.14	Avg. SPP :	3602	psig	Max. Temp. :	85	degC		

MWD Schematics

6. Positive Pulser
SN : 8484

5. TM
SN : 177893

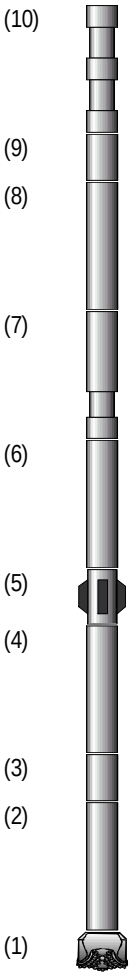
4. DM
SN : 185534
18.39 m From Bit

3. HCIM
SN : 93281

2. EWR-P4
SN : 62355
13.41 m From Bit

1. DGR
SN : 172498
11.05 m From Bit

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
10.	HWDP	138.16	162	78
09.	Cross Over Sub	1.17	203	71
08.	Pony collar	5.02	203	71
07.	Drilling Jars	9.68	203	70
06.	Drill Collar	17.64	203	76
05.	Integral Blade Stabilizer	2.22	203	74
04.	MWD	12.97	203	74
03.	Cross Over Sub	1.03	244	75
02.	9-5/8" SperryDrill Lobe 6/7 - 5 stg	8.50	245	75
01.	Tricone Hughes MXCOPH	0.33	311	73

Comments

Drilled 12¼" hole to 2956.0 mMDRT. POOH to run casing.

MWD Performance

Tool OD / Type :	203	mm /	P4M	
MWD Real-time%:	98.5	%		
MWD Recorded%:	100.0	%		
Min. Inc. :	10.88	deg /	2728.71	m
Max. Inc. :	28.88	deg /	2930.70	m
Final Az. :	180.28	deg		
Max Op. Press. :	5010	psig		

Bitrun Summary

Run Time Data

MWD Run :	0500
Rig Bit No:	6
Hole Size :	216 mm
Run Start :	08-Sep-05 02:45
Run End :	10-Sep-05 05:12
BRT Hrs :	50.45
Circ. Hrs :	28.07
Oper. Hrs :	50.45

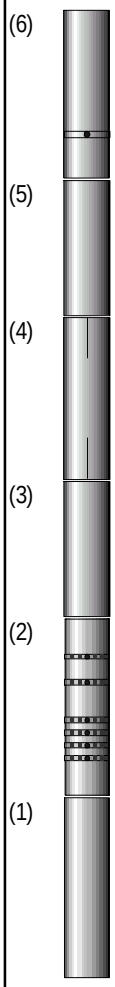
Drilling Data

Start Depth :	2956.0	m
End Depth :	3310.0	m
Footage :	354.0	m
Avg. Flow Rate :	674	gpm
Avg. RPM :	116	rpm
Avg. WOB :	12.7	klb
Avg. ROP :	22.3	m/hr
Avg. SPP :	3372	psig

Mud Data

Mud Type :	KCl/Polymer			
Weight / Visc :	1.13	sg /	58	spqt
Chlorides :	39000	ppm		
PV / YP :	16	cp /	36	lhf2
Solids/Sand :	7	% /	0.5	%
%Oil / O:W :	0	% /	N/A	
pH/Fluid Loss:	8.2	pH /	5	mptm
Max. Temp. :	96	degC		

MWD Schematics



6. Positive Pulser
SN : 8351

5. TM
SN : 147461

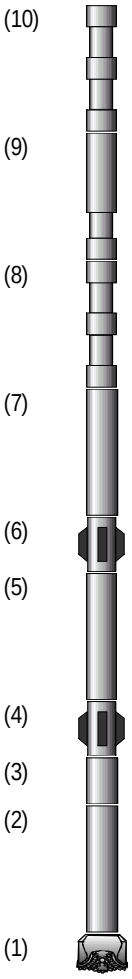
4. PM
SN : 143272
20.44 m From Bit

3. HCIM
SN : 161821

2. EWR-P4
SN : 77531
15.42 m From Bit

1. DGR
SN : 87301
13.06 m From Bit

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
10.	HWDP	55.30	162	76
09.	Drilling Jars	9.86	165	69
08.	HWDP	109.89	162	76
07.	Drill Collar	18.67	165	73
06.	Integral Blade Stabilizer	1.91	165	74
05.	MWD	12.96	171	73
04.	Adjustable Gauge Stabilizer	3.24	200	76
03.	Float Sub	0.84	165	71
02.	7" SperryDrill Lobe 7/8 - 6 stg	7.69	178	121
01.	PDC DBS FM3743	0.25	311	73

Comments

Drilled 8½" hole. Poor detection until new mud completely sheared through the circulation system. POOH because of a pipe washout.

MWD Performance

Tool OD / Type :	171	mm /	P4M	
MWD Real-time%:	90.0	%		
MWD Recorded%:	100.0	%		
Min. Inc. :	25.94	deg /	3267.81	m
Max. Inc. :	30.08	deg /	2981.05	m
Final Az. :	171.77	deg		
Max Op. Press. :	5222	psig		

Bitrun Summary

Run Time Data

MWD Run :	0600
Rig Bit No:	7
Hole Size :	216 mm
Run Start :	10-Sep-05 05:57
Run End :	11-Sep-05 22:58
BRT Hrs :	41.02
Circ. Hrs :	22.92
Oper. Hrs :	41.02

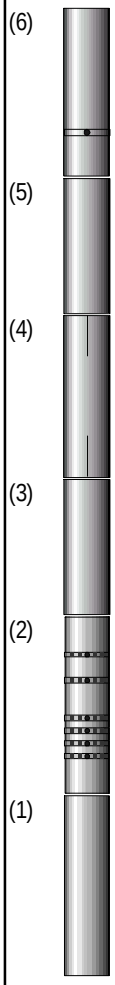
Drilling Data

Start Depth :	3310.0	m
End Depth :	3414.0	m
Footage :	104.0	m
Avg. Flow Rate :	664	gpm
Avg. RPM :	106	rpm
Avg. WOB :	24	klb
Avg. ROP :	5.4	m/hr
Avg. SPP :	4013	psig

Mud Data

Mud Type :	KCl/Polymer			
Weight / Visc :	1.12	sg /	54	spqt
Chlorides :	34000	ppm		
PV / YP :	17	cp /	34	lhf2
Solids/Sand :	7	% /	0.5	%
%Oil / O:W :	0	% /	N/A	
pH/Fluid Loss:	8.4	pH /	4.6	mptm
Max. Temp. :	108	degC		

MWD Schematics



6. Positive Pulser
SN : 8351

5. TM
SN : 147461

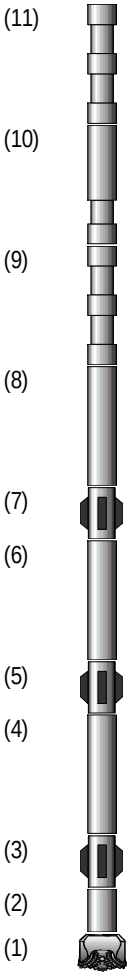
4. PM
SN : 143272
11.62 m From Bit

3. HCIM
SN : 161821

2. EWR-P4
SN : 77531
6.60 m From Bit

1. DGR
SN : 87301
4.24 m From Bit

BHA Schematics



	Component	Length (m)	O.D. (mm)	I.D. (mm)
11.	HWDP	55.30	162	76
10.	Drilling Jars	9.86	165	70
09.	HWDP	109.89	162	76
08.	Drill Collar	18.66	165	73
07.	Integral Blade Stabilizer	1.97	171	73
06.	Drill Collar	9.38	165	73
05.	Integral Blade Stabilizer	1.34	171	73
04.	MWD	12.96	171	73
03.	Integral Blade Stabilizer	1.91	170	70
02.	Float Sub	0.95	165	71
01.	Ticone Hughes MX20D	0.34	311	73

Comments

Drilled to well TD at 3414.0 mMDRT.

MWD Performance

Tool OD / Type :	171	mm /	P4M	
MWD Real-time%:	98.0	%		
MWD Recorded%:	100.0	%		
Min. Inc. :	25.94	deg /	3364.81	m
Max. Inc. :	26.06	deg /	3307.72	m
Final Az. :	170.31	deg		
Max Op. Press. :	5322	psig		

Directional Survey Data

Measured Depth (metres)	Inclination (degrees)	Direction (degrees)	Vertical Depth (metres)	Latitude (metres)	Departure (metres)	Vertical Section (metres)	Dogleg (deg/30m)
176.00	0.00	0.00	176.00	0.00 N	0.00 E	0.00	TIE-IN
224.64	0.19	161.03	224.64	0.08 S	0.03 E	0.07	0.12
282.39	0.07	139.65	282.39	0.19 S	0.08 E	0.17	0.07
311.29	0.09	116.77	311.29	0.22 S	0.11 E	0.19	0.04
340.13	0.10	73.76	340.13	0.22 S	0.16 E	0.19	0.07
368.98	0.06	116.98	368.98	0.22 S	0.19 E	0.18	0.07
397.82	0.09	163.12	397.82	0.25 S	0.21 E	0.21	0.07
426.64	0.04	150.94	426.64	0.28 S	0.23 E	0.23	0.05
455.27	0.09	138.56	455.27	0.30 S	0.24 E	0.26	0.05
512.45	0.09	115.62	512.45	0.36 S	0.32 E	0.30	0.02
541.04	0.09	127.28	541.04	0.38 S	0.35 E	0.31	0.02
569.57	0.09	149.55	569.57	0.41 S	0.38 E	0.34	0.04
598.15	0.10	130.15	598.15	0.45 S	0.41 E	0.37	0.03
626.68	0.07	122.82	626.68	0.47 S	0.45 E	0.39	0.03
655.39	0.07	93.47	655.39	0.48 S	0.48 E	0.40	0.04
684.11	0.09	75.67	684.11	0.48 S	0.52 E	0.38	0.04
713.01	0.07	46.86	713.01	0.46 S	0.55 E	0.36	0.05
741.78	0.09	14.62	741.78	0.43 S	0.57 E	0.32	0.05
770.73	0.11	35.10	770.73	0.39 S	0.59 E	0.28	0.04
799.47	0.10	46.21	799.47	0.35 S	0.63 E	0.23	0.03
828.16	0.07	89.32	828.16	0.33 S	0.66 E	0.21	0.07
856.72	0.07	42.39	856.72	0.32 S	0.69 E	0.19	0.06
885.23	0.00	253.43	885.23	0.30 S	0.70 E	0.18	0.07
913.66	0.06	324.63	913.66	0.29 S	0.69 E	0.17	0.07
970.77	0.04	321.60	970.77	0.25 S	0.66 E	0.13	0.01
990.30	0.10	275.80	990.30	0.24 S	0.64 E	0.13	0.11
1007.58	0.12	323.98	1007.58	0.22 S	0.62 E	0.12	0.16
1036.29	0.17	300.46	1036.29	0.18 S	0.56 E	0.08	0.08
1065.04	0.17	5.05	1065.04	0.11 S	0.53 E	0.02	0.19
1093.90	0.22	331.06	1093.90	0.02 S	0.50 E	-0.07	0.13
1122.82	0.14	342.26	1122.82	0.06 N	0.47 E	-0.14	0.09
1151.70	0.31	334.26	1151.70	0.17 N	0.42 E	-0.24	0.18
1180.48	0.25	318.65	1180.48	0.28 N	0.35 E	-0.34	0.10
1209.26	0.31	340.89	1209.26	0.40 N	0.28 E	-0.45	0.13
1237.94	0.31	337.82	1237.94	0.55 N	0.23 E	-0.58	0.02
1294.96	0.41	316.37	1294.96	0.84 N	0.03 E	-0.83	0.09
1323.33	0.41	317.99	1323.33	0.99 N	0.11 W	-0.95	0.01
1351.78	0.50	308.15	1351.77	1.14 N	0.28 W	-1.08	0.12
1380.29	0.45	323.73	1380.28	1.31 N	0.44 W	-1.21	0.15
1408.92	0.56	313.66	1408.91	1.49 N	0.61 W	-1.37	0.15

Directional Survey Data

Measured Depth (metres)	Inclination (degrees)	Direction (degrees)	Vertical Depth (metres)	Latitude (metres)	Departure (metres)	Vertical Section (metres)	Dogleg (deg/30m)
1466.44	0.57	319.35	1466.43	1.90 N	1.00 W	-1.70	0.03
1495.45	0.53	333.19	1495.44	2.13 N	1.15 W	-1.90	0.14
1524.52	0.62	322.85	1524.51	2.38 N	1.31 W	-2.12	0.14
1553.75	0.62	337.42	1553.74	2.65 N	1.46 W	-2.36	0.16
1582.70	0.61	335.79	1582.68	2.93 N	1.58 W	-2.62	0.02
1611.64	0.79	336.96	1611.62	3.26 N	1.73 W	-2.91	0.18
1640.30	0.88	343.27	1640.28	3.65 N	1.87 W	-3.27	0.14
1727.42	1.05	341.55	1727.39	5.05 N	2.31 W	-4.58	0.06
1753.75	1.25	345.40	1753.71	5.55 N	2.46 W	-5.05	0.24
1782.06	1.31	348.87	1782.01	6.17 N	2.60 W	-5.63	0.10
1810.73	1.32	342.05	1810.68	6.81 N	2.77 W	-6.23	0.16
1839.51	1.16	347.31	1839.45	7.41 N	2.93 W	-6.80	0.20
1868.40	1.33	345.60	1868.33	8.02 N	3.08 W	-7.37	0.18
1897.60	1.53	346.99	1897.52	8.73 N	3.25 W	-8.04	0.21
1926.73	1.66	346.26	1926.64	9.52 N	3.44 W	-8.78	0.14
1955.70	1.49	331.53	1955.60	10.25 N	3.72 W	-9.46	0.45
1984.13	1.39	329.83	1984.02	10.87 N	4.07 W	-10.02	0.11
2012.56	1.45	328.82	2012.44	11.48 N	4.43 W	-10.55	0.07
2040.96	1.49	334.37	2040.83	12.12 N	4.77 W	-11.12	0.16
2069.47	1.39	333.91	2069.34	12.76 N	5.08 W	-11.70	0.10
2184.59	1.56	330.85	2184.42	15.38 N	6.46 W	-14.05	0.05
2213.55	1.69	337.47	2213.37	16.12 N	6.82 W	-14.72	0.24
2242.35	1.79	336.87	2242.15	16.93 N	7.16 W	-15.45	0.10
2271.08	1.80	337.68	2270.87	17.76 N	7.50 W	-16.21	0.03
2299.80	1.92	339.68	2299.57	18.63 N	7.84 W	-17.01	0.14
2328.31	1.98	339.76	2328.07	19.54 N	8.18 W	-17.84	0.07
2356.39	1.99	341.40	2356.13	20.46 N	8.50 W	-18.69	0.06
2384.84	2.01	340.79	2384.56	21.39 N	8.82 W	-19.56	0.03
2413.64	2.13	341.03	2413.34	22.38 N	9.16 W	-20.47	0.12
2442.71	2.02	337.08	2442.39	23.36 N	9.54 W	-21.38	0.19
2472.22	2.07	337.28	2471.89	24.33 N	9.95 W	-22.26	0.05
2499.05	2.11	341.02	2498.70	25.25 N	10.30 W	-23.10	0.16
2527.69	1.24	320.72	2527.33	25.98 N	10.66 W	-23.77	1.09
2557.34	0.87	264.89	2556.97	26.21 N	11.09 W	-23.92	1.05
2585.21	1.48	194.31	2584.84	25.84 N	11.39 W	-23.51	1.56
2612.45	3.62	191.42	2612.05	24.66 N	11.65 W	-22.29	2.36
2643.41	6.45	190.09	2642.89	21.99 N	12.15 W	-19.58	2.74
2671.36	7.27	185.29	2670.64	18.68 N	12.58 W	-16.25	1.07
2700.45	9.30	184.65	2699.42	14.51 N	12.94 W	-12.07	2.09
2728.71	10.88	181.90	2727.24	9.57 N	13.22 W	-7.16	1.76

Directional Survey Data

Measured Depth (metres)	Inclination (degrees)	Direction (degrees)	Vertical Depth (metres)	Latitude (metres)	Departure (metres)	Vertical Section (metres)	Dogleg (deg/30m)
2757.90	13.90	178.27	2755.75	3.31 N	13.20 W	-0.99	3.20
2786.38	15.37	180.97	2783.30	3.89 S	13.16 W	6.09	1.70
2814.75	16.98	182.03	2810.55	11.79 S	13.37 W	13.91	1.73
2844.32	19.56	181.05	2838.63	21.05 S	13.62 W	23.08	2.63
2872.38	24.39	182.40	2864.64	31.54 S	13.95 W	33.47	5.19
2901.45	28.38	180.27	2890.68	44.46 S	14.23 W	46.24	4.23
2930.71	28.88	180.28	2916.36	58.48 S	14.30 W	60.06	0.51
2981.05	30.08	180.84	2960.18	83.25 S	14.54 W	84.51	0.73
3009.87	29.88	179.84	2985.15	97.65 S	14.63 W	98.71	0.56
3038.46	29.08	178.87	3010.04	111.72 S	14.47 W	112.54	0.98
3066.64	28.66	178.39	3034.71	125.32 S	14.15 W	125.88	0.51
3095.28	28.69	178.54	3059.84	139.05 S	13.78 W	139.35	0.08
3123.98	28.01	177.16	3085.10	152.67 S	13.27 W	152.68	0.98
3153.21	27.87	176.17	3110.92	166.34 S	12.47 W	166.02	0.50
3181.82	27.45	174.86	3136.26	179.58 S	11.43 W	178.88	0.77
3210.14	26.65	173.92	3161.48	192.40 S	10.17 W	191.29	0.96
3238.54	26.31	172.34	3186.90	204.97 S	8.66 W	203.42	0.82
3267.81	25.94	171.77	3213.18	217.74 S	6.88 W	215.69	0.46
3307.72	26.06	170.42	3249.05	235.03 S	4.17 W	232.26	0.45
3364.81	25.94	170.20	3300.37	259.70 S	0.04 E	255.84	0.08
3401.22	25.96	170.31	3333.10	275.40 S	2.74 E	270.84	0.04
3414.00	25.96	170.31	3344.59	280.91 S	3.68 E	276.12	0.00

Directional Survey Data

CALCULATION BASED ON Minimum Curvature METHOD

SURVEY COORDINATES RELATIVE TO WELL SYSTEM REFERENCE POINT
TVD VALUES GIVEN RELATIVE TO DRILLING MEASUREMENT POINT

VERTICAL SECTION RELATIVE TO WELL HEAD
VERTICAL SECTION IS COMPUTED ALONG A DIRECTION OF 189.88 DEGREES (GRID)
A TOTAL CORRECTION OF 14.44 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 3414.00 METRES
IS 279.57 METRES ALONG 178.86 DEGREES (GRID)

RT to MSL = 21.5m
Final survey projected to TD

Appendices

1. Data Transmission
2. Post-Run Order on LWD Sheets
3. Sales Sheets for LWD Tools

HALLIBURTON

Appendix 1.0 : Data Transmission

Discussion on factors affecting real time and recorded data transmission rates.

HALLIBURTON

Sperry Drilling Services

MUD PULSE TELEMETRY (MPT)

Sources of Noise and Pulse Attenuation

1.0 Background

This report is intended to give a broad background into factors that influence mud pulse detection.

1.1 Pulser Waves

Acoustic Velocity in a fluid (a_0):

The speed of sound in the fluid itself is defined as a_0. (This ignores the effect of pipe.)

Equation 1: $$a_0 = \sqrt{\frac{K}{\rho}}$$

Where: K = Bulk modulus of the fluid.
ρ = Density of the fluid.

Example: Assume a drilling condition (fluid, pressure, temperature, drill pipe) produces an acoustic velocity of 4,650 ft/s (a) in the pipe. If a pulse were produced at the end of an 11,000 ft drill string, it would take 2.37 seconds to reach the surface.

$$t = 11{,}000 \text{ ft} \div 4{,}650 \text{ ft/s} = 2.365\text{s}$$

The length of the wave (λ) created by the pulser can be calculated by multiplying the cycle time of the valve times the acoustic velocity of the fluid.

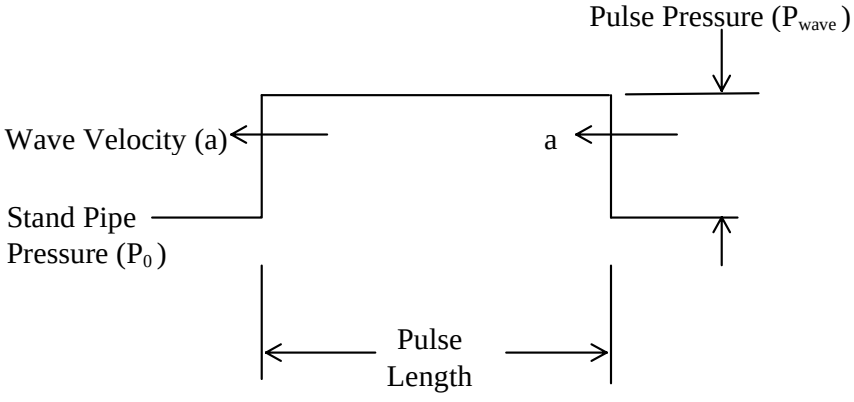


Figure 1: A pulse of length λ , amplitude (P_{wave}), and traveling in the pipe at the velocity a.

Example: 1 second DWD pulse

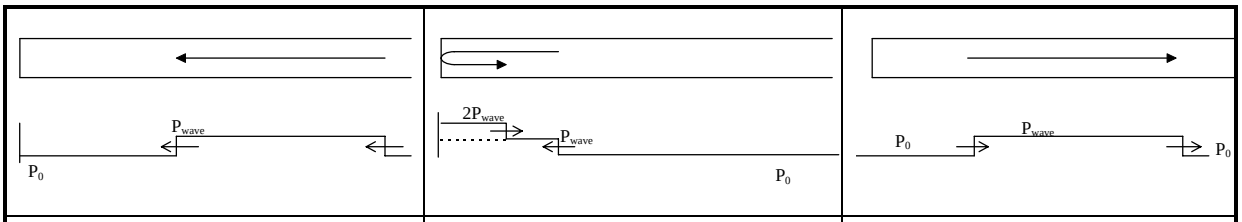
a = 4,650 ft/s

Length (λ) = 1 S X 4,650 ft/S = 4,650 ft

Note: The leading and trailing edge of the pulse are both traveling at the acoustic velocity (a).

1.2 Acoustic Reflectors & Reflections

When a MWD pressure wave travels through the piping system, it can come in contact with many different types of reflectors, which will cause the wave to reflect in different ways. When a wave reflects, the leading edge of the wave passes back over the trailing edge of the wave. Where the wave passes over itself, the pressure change at that point is the sum of the pressure waves.



A positive pressure wave approaching a "same sign" reflector.	As the wave reflects, it overlaps itself and the pressure is the sum of the waves over that section.	After the leading edge of the has passed the trailing edge of the wave the entire wave is traveling in the opposite direction.

Figure 2: The path of a wave while striking a "same sign" reflector.

Devices:

Solid end: A solid end produces a same sign reflection.[i] Meaning: if a positive wave (pressure rise) reflects from "solid end" you get the same pressure wave in magnitude and amplitude travelling in the opposite direction. Examples of this are lines with a valve completely closed or a positive displacement pump with no dampener.

Partial opening: A partially opened gate valve, an in-line orifice plate, or an orifice plate at the end of a pipe (drill bit) plate will produce a percentage of a same sign reflection.

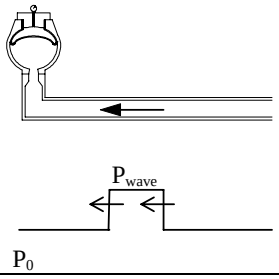
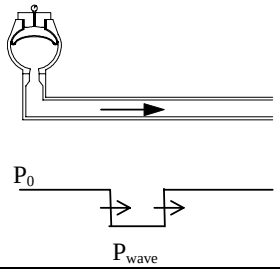
Constant pressure: A constant pressure device will produce a reverse sign reflection.

Pipe Changes:

Changes in pipe diameter, pipe material, or the junction of pipes will cause a reflection of the incident (original or initial) wave as it passes through the transition.

Hydro-pneumatic Dampeners:

The hydro-pneumatic dampeners use the gas charge in the bladder to act as a spring to absorb and expel fluid fluctuations while pumping. We consider a gas bag dampener to be a "constant pressure device" since it attempts to maintain a constant fluid pressure. Therefore in theory, it will produce a reverse sign reflection from a MWD pulse.

	
A positive pressure wave approaching a reverse sign reflector.	The pressure spike is inverted and becomes a pressure drop.
Figure 3: A wave reflecting off of a “reverse sign” reflector.	

The disadvantages are:

- Distorts MWD pulses: The gas bag dampeners produce a distorted reflection which can make detection very difficult.
- Pre-charge pressure: The bladders are limited by the amount of pressure they can handle during pre -charging. Hydril recommends 25% - 75% of stand pipe pressure, to a maximum of 2,000 psi..
- Changes during pumping: As the standpipe pressure changes operation, the efficiency of the dampener
  changes due to the change in the pre-charge to stand pipe ratio. This of course can be minimised by adjusting the dampeners between bit runs. However, it is not common for the rig operator to adjust the dampeners.
- No dampening until the stand pipe pressure exceeds the precharge pressure.

Recommendations for the field:

- DWD system: 30 - 40% of stand pipe pressure
- F.E. system: 30 - 50% of stand pipe pressure

1.3 Positive Displacement Pumps

Drilling operations use positive displacement reciprocating pumps to circulate fluid while drilling. The most prevalent type of pump in the oil industry is the Triplex - Single Acting (TSA) pump. However, In some locations you may encounter a Duplex - Double Acting pump or a pump synchroniser. The cycling pistons of a positive displacement pump produce two types of pressure fluctuations in the fluid. The first types are flow pulses, which always occur. The second type is called acceleration pulses. These Pulses are pressure shocks which are created by the instantaneous acceleration of the fluid into the manifold, and can occur under certain operating conditions.
The fundamental frequency that pumps produce varies linearly with the pump speed and are equal to twice the stroke rate for duplex pumps and thrice the stroke rate for triplex pumps. For example a triplex pump operating at 60 strokes per minute or one stroke per second, will have fundamental frequency of 3 Hz. That pump will also generate harmonics at regular increments of the fundamental frequency.

Both of these pressure fluctuations are considered noise to the MWD detection effort. They must be removed by either mechanical or mathematical means, to detect the pressure pulses generated downhole by the MWD pulser. A known problem situation for positive pulse tools is were both a Triplex and Duplex are online both at the same time.

Calculating Pump Frequency:

The "fundamental frequency" in signal analysis is the simplest or lowest repeating signal. The advanced equipment used for pulse detection is able to see the repeating cycles of the pumps. The size of this signal will grow or shrink based on how uniform the pump is operating at the time. Therefore, the "fundamental frequency" is defined as follows.

Fundamental Frequency (f_1): The fundamental frequency of the pump is simply the pump speed in strokes per second.

Equation 2:
$$f_1 = \frac{strokes}{\min} \times \frac{1\min}{60\sec}$$

It is important to note that the pump speeds are often stated as "strokes per minute (SPM)" and not "revolutions per minute (RPM)." Normally they mean the exact same. When the driller states that pumps are "operating at X SPM," they mean the pumps are rotating at X RPM, NOT the number of piston strokes the pump is performing. I believe that this expression comes from the fact that whisker switches are often used to monitor pump speed. Since there is only one switch on the pump counting a single cylinder, you are effectively counting once per revolution.

Dominant Frequency (f_d): The dominant frequency of the pump can be calculated by knowing the pump speed and type.

Equation 3:
$$f_d = \frac{strokes}{\min} \times \frac{1\min}{60\sec} \times \frac{\#\ piston_\ pulses}{stroke}$$

Pump type	# piston strokes per crank revolution
Duplex - Single Acting (DSA)	2
Duplex - Double Acting (DDA)	4
Triplex - Single Acting (TSA)	3
Triplex - Double Acting (TDA)	6
etc. :	

Flow Pulses:

The piston is continually accelerating or decelerating. Each piston creates a flow pulse every time it discharges fluid into the manifold. As fluid is being injected into the discharge manifold, its velocity is constantly changing due to the rotating crank. This change in fluid velocity causes a pressure change. The magnitude of the pressure rise depends on the change in velocity and the flow conditions.

Acceleration pulses:

Under certain operating conditions, the discharge stroke can be delayed. The result, is a situation where the fluid is subjected to an instantaneous change in velocity (acceleration) in the manifold. This acceleration causes a pressure pulse. Generally acceleration pulses, and the resonating pulses caused by them, should not cause a problem for detection. They are very high in frequency (~50 Hz or greater) relative to the transmission frequency, which we are trying to detect, so we are able to remove them by using software and hardware filters. However, there is the danger that these pulses can excite other components in the systems and create a problem for detection; or that the software filters are not set correctly.

The real problem with acceleration pressure spikes is that they:

- Cause damage and premature failure of the rig equipment.
- Can trip emergency relief valves.
- Damage seals in the system.

2.0 Common Mud Pulse Noise Sources

2.1 Bit Noise

This noise is speculated to be caused by many natural sources which include rubbing at the bottom, pressure variations caused by the bit, and surge and swab from the motion of the bit. This is normally characterised as random noise in the 0 – 50 Hz range with pressure fluctuations of less than 3 psi. This noise generally decreases as the well gets deeper and when the bit is off bottom. The noise will also vary based on the formation being drilled.

2.2 Drillstring Vibration

This is characterised by large sinusoidal variations, usually in the 1 to 3 Hz range. The frequency is related directly to RPM and weight-on-bit (WOB) but the torque and reactive torque can broaden the frequency range. This noise is in the 10 – 40 psi range and can occur at any depth in the well. The noise associated with WOB and the related mechanics of the BHA can increase and decrease with changes in WOB. The noise can come and go at random and may increase or decrease as hole angle changes.

2.3 Drillstring Resonance

This noise is associated with drillstring resonance frequency. Actual frequencies are a function of the drillstring interaction with the formation and the drilling fluid and are below the free drillstring resonance frequencies. Noise from this source can be in excess of 500 psi and is usually accompanied by substantial Kelly/Top drive movement. A 10-20 percent change in RPM will usually remove this source of noise.

2.4 Rapid Pipe Movement

This noise is substantially caused by surge and swab pressures caused by the movement of the drillstring. The magnitude of the noise is related to the rate of change in the pipe movement (ROP) and is typically less than 50 psi. The noise is substantially a positive or negative pressure pulse of varying duration, Drilling breaks, jerky pipe movement while wiping or moving to tag bottom, and driving the bit into the formation while jetting are the most common sources of the problem.

2.5 Pump Noise

Pump noise is usually a very large repetitive signal. The signal is related to the pump speed, pulsation dampener operation, super charging pump operation, and the condition of the pump valves, liners and swabs. The output from the mud pump pistons is repetitive and contains several harmonics of the principal rotational frequency (see section 3.0 Positive Displacement Pumps). The second, third, and fifth harmonics are the most common. The noise is generally around 100 psi but can approach 250 psi with some pumps. Very often the fundamental frequency is suppressed relative to the first several harmonics.

Although pump noise is generated at the pump, this noise is often seen travelling back up hole after reflecting off the bit. The reflected wave can in turn reflect back off the pumps starting the process again. This phenomena is most frequent in shallow holes when the fluid viscosity is very low.

A bad piston, liner or valve will modulate the signal with a low frequency interplay or beat when two pumps are used. This frequency is usually in the 0.25 Hz range and may also be related to the different frequencies of the pumps. This problem is typically the greatest when the speeds of the pumps are very close.

Bad pistons, liners and valves can also cause high frequency modulation. This noise effect can extend from below the fundamental pump frequencies to beyond 10 Hz.

Mud pump suction problems typically caused by gas cut mud, insufficient charging pump operation, or "choked" flow lines can cause noise problems from the fundamental pump frequencies to beyond 10 Hz. Although the noise developed is similar to piston, valve, and liner problems, this type of problem is usually accompanied by substantial pump knocking.

Leaking and/or undercharged pulsation dampeners can cause significant noise in the range of 1 to 12 times the fundamental pump frequency. The noise is effectively random and can be in excess of 100 psi. Defective or undercharged pulsation dampeners can be identified by regularly checking the pulsation dampener precharge.

2.6 Mud Motors

High torque, low speed positive displacement motors cause noise problems similar to bit noise. The problem is most frequent when PDC bits are used. It is believed that the noise is generated when the bit torque is inconsistent. The change in bit torque is translated into pressure surges by the positive displacement motor.

2.7 Standing Waves

Standing pressure waves are set up in the drillpipe and provide noise in the 0.5 – 0.25 Hz range. This noise is a function of depth and the speed of sound in the mud. At more shallow depths the noise can be in excess of 100 psi but drops to 5 – 10 psi at 2,500 meters.

2.8 Ringing

Ringing is dependent on the surface piping configuration and the effective operation of the pulsation dampener. Ringing is caused by multiple reflections induced by short sections of pipe typically not in the main flow path. The pulsation dampener will usually eliminate the phenomena. The ringing becomes a problem when the frequency approaches the signal frequency.

2.9 Reflections

All pressure waves are reflected from every discontinuity in the flow line. The most significant discontinuities are the bit and the mud pump. These reflections can be used to increase or to decrease the effective noise.

Other discontinuities typically create noise problems. The most common problems are tapered drill pipe, dead ends in the surface piping system, dual flow paths, and faulty surface piping valves. Each of these problems should be avoided/corrected whenever possible.

2.10 Surface Noise

Surface noise is interference to pressure signals due to surface sensors and computers. Common causes for this are heavy power lines running close to cables to the surface transducers, faulty transducers, power problems to the MWD computers and floating ground connections. These can effect the 4-40mA signal that is being sent from the transducers by erratically spiking the signal, making it difficult for the computer filters to decode the pressure pulses.

3.0 MWD Signal Attenuation

The MPT (Mud Pulse Telemetry) signal is attenuated by many factors ranging from microscopic pits in the drill pipe, blockages in the flow lines, to the most common form of attenuation, **viscosity.** The following have the greatest effect on signal attenuation.

3.1 Reflections (Depth)

Technically, each and every discontinuity in the transmission line (drill string) reflects a portion of the signal. Since the generated pulse begins with a finite energy level, each reflection decreases the signal level. The most significant reflective losses are caused by multiple sized and tapered drill pipe and by the commulative effects of lots of pipe with lots of connections.

The reflected losses in long lengths of pipe generate a near infinite set of reflected pressure waves. However, the amplitude of the reflections are small and spread over a long period. These reflections are not detectable at the surface. The reflections from tapered and multi-sized drillpipe can be numerous and relatively large in amplitude. These reflections have the same basic profile as the signal and cause an increase in the noise level propagated from downhole.

3.2 Mud Viscosity

The effect of viscosity is the dominating factor in the attenuation of the signal. Typically, no single change in the mud property will have a greater impact on signal attenuation. Signal attenuation increases as viscosity increases.

Viscosity effects can be looked at as the bond strength between the mud components. As the viscosity increases the mud components are held tighter together causing an increase in the energy needed to move the pulse through the mud column.

3.3 Pipe Diameter

The effect of pipe diameter is a viscosity related effect. The signal must break the bonds formed between the pipe wall and the fluid column to move to the surface. The force required to move the pulse is related to the pipe wall contact area which is a function of the length of the pulse and the pipe diameter. The pulse energy is related to the length of the pulse and the pipe area. Because the pipe area varies with the square of the pipe diameter, the greater the pipe diameter the lower the signal attenuation.

3.4 Mud Weight

The effect of mud weight is essentially a momentum effect. By increasing the mud weight (particle mass) the signal has more energy given a constant velocity. The greater the energy, the farther the signal will travel. The best demonstration of this concept is the attenuation of a audible noise in a vacuum. Sound does not travel in a vacuum because there is no mass to carry the signal.

3.5 Signal Frequency (Pulse Width)

The effects of signal attenuation in a given fluid increase as the frequency increases. This can most easily be seen at the extremes in the mud system. The mud pumps coming on and off generate a very low frequency signal. When pumping continuously for 30 minutes the pumps on/off frequency is about 1/3600 Hz. There is no attenuation of this signal, the level remains substantially constant for the entire pumps on period. A very short signal, say on the order of 0.000001 seconds or 1 MHz, would be totally attenuated after a very short period.

3.6 Speed of Sound in Mud

The effect of the speed of sound in the mud (signal propagation velocity) can be thought of as similar to the effect of velocity on a projectile. The faster the projectile moves the more energy is available to push aside the media and impact the target.

3.8 Gas Cut Mud

In addition to the suction problems mentioned in basic pump noise, gas cut mud can substantially attenuate the pulse transmission from downhole. The trapped gas acts similar to a high viscosity fluid and attenuates all of the pressure fluctuations. Gas cut mud decreases both the signal and the noise from downhole but has little effect on surface generated noise.

Conclusion

When bad detection is encountered there are many reasons that may be causing the interruption. The troubleshooting process to determine the problem can be quite complex and may require input from many sources on the rig.

Regards

Sperry Drilling Services

Appendix 2.0 : Post-Run Order on LWD Sheets

Summary of LWD tool specifications for each run with Real-time and Recorded sampling rates, battery life and memory fill information.

2.1 Run 100

2.2 Run 200

2.3 Run 300

2.4 Run 400

2.5 Run 500

2.6 Run 600

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Post 100 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	208.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	1006.0	Engineers:	A Crakwuotu / J. Nicolson
Hole Size/Run #:	17.5	UTM co-ords:	649251.90 mE	CSG MWD:	208	CSG Tally (m):	208.0		
Date/time in hole:	15-08-05 13:00 hrs		5759866.40 mN	Pip Tag MWD:		Pip Tag Tally:			
Date/time out hole:	17-Aug-2005 02:37	GDA94, MGA Zone 55	°E					Company Rep.	W Westman / S. Rodda

CIM Battery:	n/a			Max expected ROP:	60 m/hr	Mud Type:	Seawater	Rmf:	
CIM Battery Life:	n/a	HCIM T-Delay:	n/a	Controlled drilling from/to:	n/a	Mud Weight:		Rm	
BAT Battery:	n/a	SLDT-Delay:	n/a	Drill rate controlled at:	n/a	Mud Chlorides:		Rmc:	
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flow rate:	1000	KCl:		Max Rec BHT:	
			n/a	Min flow rate for Detection:	900	OWS		Rmat max BHT:	
		DDST-Delay:	n/a			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8298	Mk 8 Pulser (PUL)									
10505184	Telemetry Mod (TM)									
149865	Dir. Mod (DM)	13.88	NA		NA					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT	NA								
83563	Gamma (GM)	12.00	19	10	3.16	6.00	0-150 api			
25635	Battery Mod BM	NA								Allows pumps down surveys

LWD Engineer: Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

sperry-sun DRILLING SERVICES

Post 200 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	1006.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	2497.0	Engineers:	A Craik-wuotu / J. Nicolson
Hole Size/Run #:	12.25	UTM co-ords:	649251.90 mE	CSG MWD:	998	CSG Tally (m):	1000.1		
Date/time in hole:	19-08-05, 15:49 hrs		5759866.40mN	Pip Tag MWD:	998	Pip Tag Tally:			
Date/time out hole:	20-Aug-2005 14:38	GDA94, MGA Zone 55	^{0}E					Company Rep.	W Westman / S. Rodda

CIM Battery:	17.69 Amp-hrs			Max expected ROP:	60 m/hr	Mud Type:	KCL/PHPA	Rmf:	0.6 @ 23.3° C
CIM Battery Life:	10 days	HCIM T-Delay:	3 hrs	Controlled drilling from/to:	n/a	Mud Weight:	1.20 sg	Rm	0.8 @ 23.3° C
BAT Battery:	n/a	CLDT-Delay:		Drill rate controlled at:	n/a	Mud Chlorides:	43000 mg/l	Rmc:	1.0 @ 23.3° C
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flow rate:	900 - 950 gpm	KCl:	7.00%	Max Rec BHT:	58 °C
				Min flow rate for Detection:	800 gpm	OWS	0 / 90 / 10	Rmf at max BHT:	0.45 @ 58° C
		DDST-Delay:	3 mins			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8513	Mk 8 Pulser (PUL)									
147461	Telemetry Mod (TM)									
DM80081131K8 14985	Dir. Mod (DM)	20.89	15		4.00					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT									
DM80081129H1RGV8	Processor (HCIM)									
DM80081129H1RGV8	Gamma (CGR)	13.42	32	12	1.88	5.00	0-150 api			
DM80081129H1RGV8	Resistiviy (EWR-P4)	15.79	32	14	1.88	4.29	0.2 - 2000 ohm/m	135 hrs		can reduce sampling rate to increse memory fill time

LWD Engineer: Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

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Post 300 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	2497.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	2741.0	Engineers:	A Craik-wuotu / J. Nicolson
Hole Size/Run #:	12.25	UTM co-ords:	649251.90 mE	CSG MWD:	998	CSG Tally (m):	1000.1		
Date/time in hole:	13-Aug-2005 02:48		5759866.40 mN	Pip Tag MWD:	998	Pip Tag Tally:			
Date/time out hole:	03-Sep-2005 03:46	GDA94; MGA Zone 55	°E					Company Rep.	W Westman / S. Rodda

CIM Battery:	1447 Amp-hrs			Max expected ROP:	20 m/hr	Mud Type:	KCL/PHPA	Rmf:	0.11 @ 22.0° C
CIM Battery Life:	>10 days	HCIM T-Delay:	3 hrs	Controlled drilling from/to:		Mud Weight:	1.20 sg	Rm	0.12 @ 21.7° C
BAT Battery:	n/a	CLDT-Delay:		Drill rate controlled at:		Mud Chlorides:	43000 mg/l	Rmc:	0.22 @ 20.0° C
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flow rate:	900 - 950 gpm	KCl:	7.00%	Max Rec BHT:	80 °C
				Min flow rate for Detection:	800 gpm	CWS	0 / 90 / 10	Rmat max BHT:	0.05 @° C
		DDST-Delay:	3 mins			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8484	Mk 8 Pulser (PUL)									
177893	Telemetry Mod (TM)									
185534	Dir. Mod (DM)	24.18	15		12.00					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT									
DM8008113OH1RGV8	Processor (HCIM)									
DM8008113OH1RGV8	Gamma (CGR)	16.84	60	12	3.00	15.00	0-150 api			
DM8008113OH1RGV8	Resistiviy (EWR-P4)	19.20	60	14	3.00	12.86	0.2 - 2000 ohm/m	135 hrs		can reduce sampling rate to increse memory fill time

LWD Engineer: Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

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Post 400 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	2741.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	2956.0	Engineers:	A Craikwuotu / A Rule
Hole Size/Run #:	12.25	UTM co-ords:	649251.90 mE	CSG MWD:	1000.1	CSG Tally (m):	1000.1		
Date/time in hole:	03-Sep-2005 19:32		5759866.40 mN	Pip Tag MWD:	1000.1	Pip Tag Tally:			
Date/time out hole:	06-Sep-2005 07:40	GDA94; MGA Zone 55	^{0}E					Company Rep.	R King / S. Rodda

CIM Battery:	13.75 Amp-hrs			Max expected ROP:	20 m/hr	Mud Type:	KCL/PHPA	Rmf:	0.11 @ 21.0° C
CIM Battery Life:	>10 days	HCIM T-Delay:	200 mins	Controlled drilling from/to:		Mud Weight:	1.20 sg	Rm	21.0 @ 21.0° C
BAT Battery:	n/a	CLDT-Delay:		Drill rate controlled at:		Mud Chlorides:	38000 mg/l	Rmc:	0.24 @ 20.0° C
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flow rate:	900 - 950 gpm	KCl:	6.20%	Max Rec BHT:	85°C
				Min flow rate for Detection:	800 gpm	CWS	0 / 90 / 10	Rmf at max BHT:	0.05 @° C
		DDST-Delay:	90 mins			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8484	Mk 8 Pulser (PUL)									
177893	Telemetry Mod (TM)									
185534	Dir. Mod (DM)	18.39	15		12.00					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT									
DM8008113OH1RGV8	Processor (HCIM)									
DM8008113OH1RGV8	Gamma (CGR)	11.05	27	12	6.67	15.00	0-150 api			
DM8008113OH1RGV8	Resistiviy (EWR-P4)	13.41	27	14	6.67	12.86	0.2 - 2000 ohm/m	7.2 days		can reduce sampling rate to increse memory fill time

LWD Engineer:

Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

sperry-sun DRILLING SERVICES

Post 500 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	2956.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	3310.0	Engineers:	A Rule / J. Nicolson
Hole Size/Run #:	8.5" (216mm)	UTM co-ords:	649251.90 mE	CSG MWD:	2949	CSG Tally (m):	2944.9		
Date/time in hole:	08-Sep-2005 02:45		5759866.40mN	Pip Tag MWD:		Pip Tag Tally:			
Date/time out hole:	10-Sep-2005 05:12	GDA94; MGA Zone 55	^{0}E					Company Rep.	R King / S. Rodda

CIM Battery:	19.9 Amp-hrs			Max expected ROP:	20 m/hr	Mud Type:	KCL/PHPA	Rmf:	0.09 @ 21.0° C
CIM Battery Life:	>10 days	HCIM T-Delay:	120 mins	Controlled drilling from/to:		Mud Weight:	1.13 sg	Rm	0.12 @ 22.0° C
BAT Battery:	n/a	GLDT-Delay:		Drill rate controlled at:		Mud Chlorides:	39000 mg/l	Rmc:	0.13 @ 22.0° C
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flow rate:	700-720 gpm	KCl:	5.20%	Max Rec BHT:	98°C
				Min flow rate for Detection:	600 gpm	CWS	0 / 93 / 7	Rmf at max BHT:	0.04 @° C
		DDST-Delay:	3 mins			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8351	Mk 8 Pulser (PUL)									
147461	Telemetry Mod (TM)									
9008256MV6 143272	Position Monitor (PM)	20.44	15		12.00					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT									
NZ200H1RGV6	Processor (HCIM)									
NZ200H1RGV6	Gamma (CGR)	13.06	31	12	5.81	15.00	0-150 api			
NZ200H1RGV6	Resistiviy (EWR-P4)	15.42	31	14	5.81	12.86	0.2 - 2000 ohm/m	7.2 days		can reduce sampling rate to increse memory fill time

LWD Engineer:

Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

sperry-sun DRILLING SERVICES

Post 600 LWD Logging Data Sheet

Customer:	Anzon Australia Ltd	Latitude:	38 ° 17' 58.51" S	RT-MSL:	21.5m	Depth In (m):	3310.0	Geologists:	M Woodmansee / R Blackmore
Well:	Basker-2	Longitude:	148 ° 42' 24.72" E	Water Depth:	152.5mss	Depth Out (m):	3414.0	Engineers:	A Rule / J. Nicolson
Hole Size/Run #:	8.5" (216mm)	UTM co-ords:	649251.90 mE	CSG MWD:	2949	CSG Tally (m):	2944.9		
Date/time in hole:	10-Sep-2005 05:57		5759866.40 mN	Pip Tag MWD:		Pip Tag Tally:			
Date/time out hole:	11-Sep-2005 22:58	GDA94, MGA Zone 55	^{0}E					Company Rep.	R King / S. Rodda

CIM Battery:	18.89 Amp-hrs			Max expected ROP:	20 m/hr	Mud Type:	KCL/PHPA	Rmf:	0.09 @ 21.0° C
CIM Battery Life:	>10 days	HCIM T-Delay:	240 mins	Controlled drilling from/to:		Mud Weight:	1.13 sg	Rm	0.11 @ 21.0° C
BAT Battery:	n/a	CLDT-Delay:		Drill rate controlled at:		Mud Chlorides:	39000 mg/l	Rmc:	0.13 @ 22.0° C
BAT Battery Life:	n/a	BATT-Delay:	n/a	Expected flowrate:	675 gpm	KCl:	5.20%	Max Rec BHT:	108°C
				Min flowrate for Detection:	600 gpm	CWS	0 / 93 / 7	Rmf at max BHT:	0.04 @° C
		DDST-Delay:	30 mins			Form W Salinity:			

Tool SN	Tool Description	Distance to Bit (m)	Data Rate (sec) Real Time	Data Rate (sec) Recorded	Data Density per meter at Max ROP Real Time	Data Density per meter at Max ROP Recorded	Log Scales	Memory Fill Time	Date & time of failure	Remarks
8513	Mk 8 Pulser (PUL)									
147461	Telemetry Mod (TM)									
9008256 MV6 143272	Position Monitor (PM)	11.62	NA		N/A					Data rate is for toolfaces. Surveys taken over conxn, pumps off surveys
n/a	Sonic (BAT									
NZ200-HIRGV6	Processor (HCIM)									
NZ200-HIRGV6	Gamma (CGR)	4.20	18	12	10.00	15.00	0-200 api			
NZ200-HIRGV6	Resistiviy (EWR-P4)	6.60	18	14	10.00	12.86	0.2 - 2000 ohm/m	7.1 days		can reduce sampling rate to increse memory fill time

LWD Engineer:

Well Site Geologist:

If tool fails, include in remarks section depth of failure and possible reasons of failure.

Appendix 3.0 : Sales Data Sheets

Information sheets on each LWD tool used for the Basker-2 well.

3.1 DGR – Dual Gamma Ray

3.2 EWR – Electromagnetic Wave Resistivity

3.3 DDS – Drillstring Dynamics Sensor

Sperry-Sun

DGR™ (Dual Gamma Ray) Tool

Providing Accurate and Reliable LWD Natural Gamma Ray Logs

Sperry-Sun's DGR™ tool provides accurate LWD natural gamma ray logs with Sperry-Sun's proven reliability. It is available in 4-3/4-, 6-3/4-, 8-, and 9-1/2-inch tool sizes and can log boreholes ranging from 5-7/8 to 30 inches in diameter. The DGR™ sensor is an integral part of Sperry-Sun's Stellar™ LWD services, which include gamma ray, resistivity, neutron porosity, spectral density, dipole sonic, formation tester, and caliper measurements. It can also be combined with directional surveying and drilling efficiency tools, such as the PWD (pressure-while-drilling) and DDS™ drillstring dynamics sensors.

Accuracy

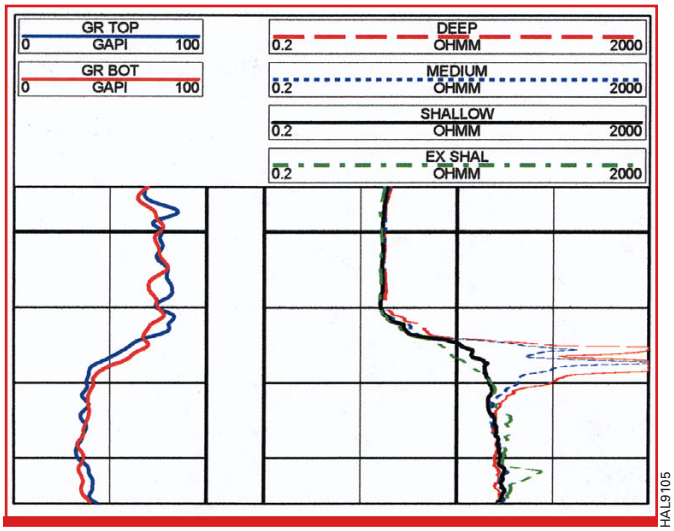
API calibration and environmental corrections for hole size, mud weight, and mud potassium content result in accurate gamma ray logs for correlation, shale volume calculations, casing and coring point selection, and a variety of other applications. Because drilling speed is typically slower than wireline logging speeds, DGR™ logs generally have better vertical resolution than wireline gamma ray logs.

Reliability

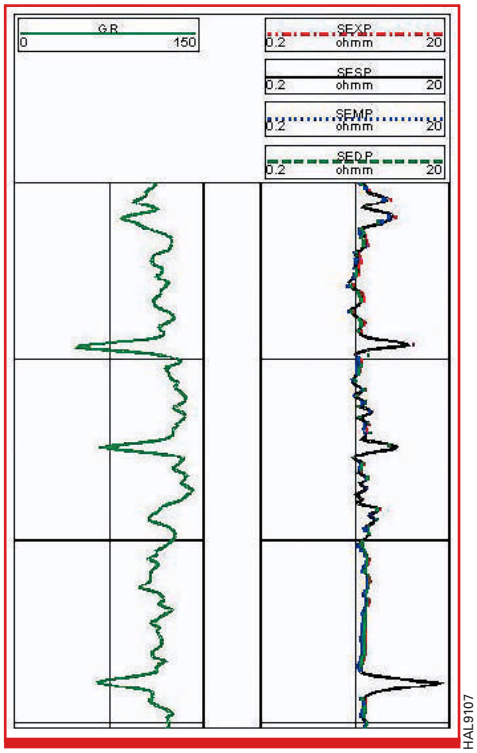
The DGR™ sensor consists of two opposing banks of rugged Geiger-Müller detectors with two independent counting circuits. This redundant configuration provides two independent natural gamma ray logs. The count rates from the two detector banks are typically combined in order to improve statistical precision. However, in the unusual event of a failure of one bank, an accurate, complete gamma ray log can be produced from the other detector bank.

Azimuthal Capability

For geosteering in horizontal wells, the DGR™ sensor can be configured to provide azimuthal gamma ray measurements. In this application, the two opposed detector banks can provide independent oriented gamma ray logs from the high side and low side of the borehole in a sliding mode. This can, for example, provide real-time data to determine if the bit has exited the top or the bottom of a target reservoir formation.



This log example shows the azimuthal gamma ray capability of the DGR™ sensor. The two opposed banks are oriented to the high side and low side of the borehole, and the bed boundary is logged in a sliding mode while transmitting both gamma ray curves in real time. The depth shift of the bed boundary between the high-side and low-side gamma ray curves indicates that the bit drilled stratigraphically up, out the top of the shale, and into the bottom of the sand. Note that polarization horns on the medium and deep resistivity curves confirm the high relative dip angle at the bed boundary.



The DGR™ service provides accurate, high-resolution gamma ray logs.

HALLIBURTON

DGR™ Tool Specifications				
Nominal tool OD	4-3/4 in 121 mm	6-3/4 in [3] 171 mm	8 in [2,3] 203 mm	9-1/2 in [3] 221 mm
Length	Integral part of the EWR-PHASE 4™ tool	4.5 ft/1.37 m	4.5 ft/1.37 m	5.07 ft/1.55 m
Connections	3.5 in IF box x box	4.5 in IF box x pin	6 5/8 in REG box x pin	7 5/8 in REG box x pin
Make-up torque range (ft-lb)	9,900-10,900	30,000-33,000	53,000-58,000	87,000-91,000
Max dogleg severity Sliding Rotating	 30°/100 ft 14°/100 ft	 21°/100 ft 10°/100 ft	 14°/100 ft 8°/100 ft	 14°/100 ft 8°/100 ft
Max operating temp	284°F/140°C			
Max survival temp	284°F/140°C			
Max working pressure (psi)	18,000			13,500
Max mass flow rate (lb mass/min)	3,750	10,000	10,000	20,000
Max sand content	2%	1%	1%	5%
Measure point from bottom of DGR™ sub	14.85 ft/4.5 m from bottom	1.74 ft/0.53 m from bottom	1.78 ft/0.54 m from bottom	1.9 ft/0.58 m from bottom
Max LCM	No restrictions			
Max RPM	250	180	180	180
Max WOB (lb)	25,000	45,000	45,000	45,000
Detector type	Dual Geiger-Müller detector banks			
System accuracy	5%			

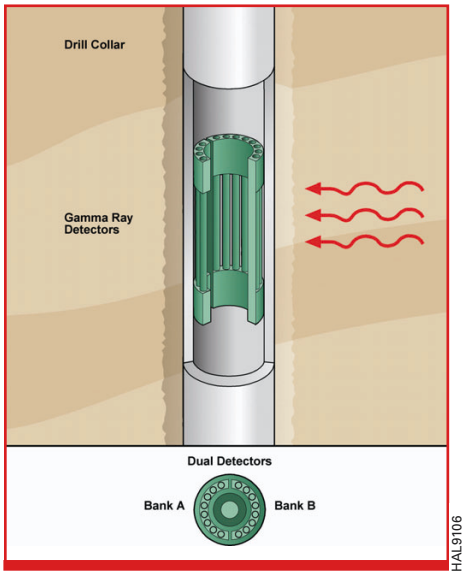
[1]High-temperature (347°F/175°C) and high-pressure (25,000 psi) tools are available upon special request.
[2]High-flow (20,000 lb mass/min) and high-pressure (25,000 psi) tools are available upon special request.
[3]For high-temperature (347°F/175°C) service in these tool sizes, the gamma module is used.

Features

- Dual detectors for redundancy and reliability
- API calibration and complete environmental corrections
- Azimuthal capability for geosteering applications
- Excellent vertical resolution due to slower drilling speeds
- Combinable with directional, resistivity, caliper, neutron, density, sonic, and formation tester sensors

Applications

- Correlation
- Shale volume calculation
- Casing/coring point selection
- Geosteering



The two opposed detector banks of the DGR™ sensor provide measurement redundancy for superior reliability as well as azimuthal sensitivity for geosteering applications.

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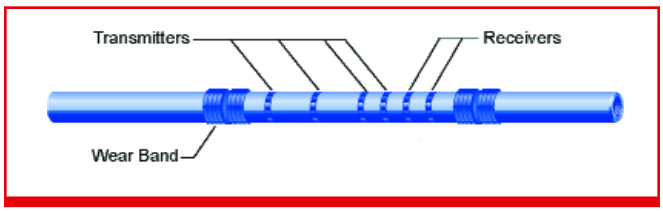
EWR-PHASE 4™ Sensors

Complete Formation Resistivity Evaluation in Boreholes from 3-3/4 to 36 Inches

The EWR-PHASE 4™ sensor is a high-frequency LWD induction resistivity sensor. This tool comprises four radio-frequency transmitters and a pair of receivers. By measuring both the phase shift and the attenuation for each of the four transmitter-receiver spacings, eight different resistivity curves with differing depths of investigation can be provided. EWR-PHASE 4™ tools are available in 3-1/8, 4-3/4, 6-3/4, 8, and 9-1/2 in. tool sizes and can log boreholes ranging in diameter from 3-3/4 in. to 30 in. The EWR-PHASE 4™ sensors operate in all mud types, including fresh- and salt-water muds, oil-based muds and aerated muds, foam used in underbalanced drilling, as well as in air-filled boreholes. The EWR family of tools has been in commercial service since 1983 and has established a track record of high reliability under a wide variety of formation and borehole conditions.



HN02609

The EWR-PHASE 4™ sensor has four transmitter-receiver spacings.

Interpretation Modeling

The multiple resistivity measurements of the EWR-PHASE 4™ sensor facilitate various interpretation models for evaluating invaded and anisotropic formations. The INVAMOD™ program computes R_t, R_{xo}, and D_i in invaded formations; this can be particularly applicable when logging significantly after drilling when formations may be deeply invaded, e.g., logging a cored interval on a subsequent bit run. The ANIMOD program computes the vertical and horizontal formation resistivity values (R_v and R_h) and relative dip angle when logging anisotropic formations at high relative dip angles. For geosteering applications, the forward modeling capability of the StrataSteer™ software provides a synthetic log along the proposed well path to use as a correlation "road map" when geosteering horizontal wells. VRI (vertical resistivity inversion) processing corrects for shoulder bed and dipping bed effects, providing resolution-matched curves with enhanced vertical resolution.

Large or Small—There Is an EWR-PHASE 4™ Sensor for Any Size Job

In addition to the standard tool sizes of 4-3/4, 6-3/4, and 8 in., there are also special large and superslim tool designs. The 9-1/2 in. EWR-PHASE 4D sensor is designed for logging larger holes that are in diameters up to 30 in.

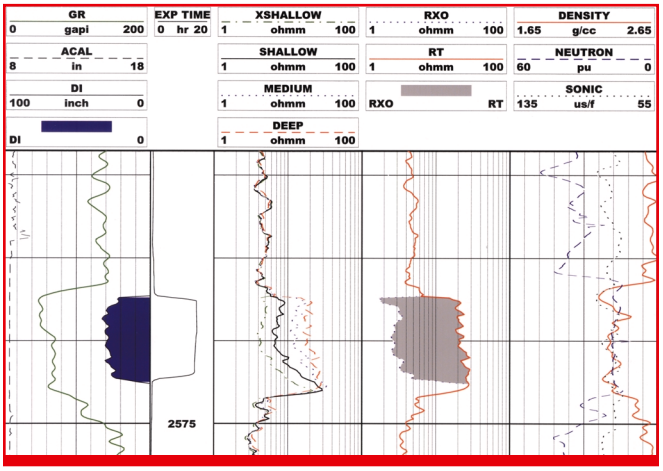
This tool has extended transmitter-receiver spacings to increase the depth of investigation, minimizing borehole effects in large boreholes. For logging very small boreholes, the 3-1/8 in. EWR-PHASE 4™ superslim sensor is suitable for coiled tubing drilling, through-tubing rotary drilling, and conventional rotary drilling applications in borehole diameters as small as 3-3/4 in.

Features

- Operates in all mud types
- Proven design provides superior reliability
- Four phase-shift resistivity curves
- Four attenuation resistivity curves
- Excellent vertical resolution in low-resistivity, thinly bedded formations

Applications

- R_t, R_{xo}, and D_i in invaded formations
- R_v and R_h in anisotropic formations
- High-resolution R_t in deviated wells and/or dipping beds
- Pre-invasion R_t measurement in deeply invading formations
- Pre-washout R_t measurement in unconsolidated formations
- LWD replacement for wireline array resistivity tools



HN02610

This LWD quad-combo log shows deep, water-based filtrate invasion in a pay sand. A bit trip in the middle of the sand resulted in a long formation exposure time and, thus, deep invasion. However, the INVAMOD™ program provided R_t, R_{xo}, and D_i to facilitate accurate calculation of S_w and movable oil.

Sperry-Sun

EWR-PHASE 4™, EWR-PHASE 4D, and EWR-PHASE 4 Superslim Sensor Specifications

Nominal tool OD	3-1/8 in. 79 mm	4-3/4 in. 121 mm	6-3/4 in. 171 mm[1]	8 in. 203 mm[2,3]	9-1/2 in. 221 mm
Length	11.3 ft/3.44 m	9 ft/2.74 m	12 ft/3.69 m	12.2 ft/3.72 m	12 ft/3.69 m
Connections	2.75 in.-8 stub acme box x box	3.5 in. IF box x box	4.5 in. IF box x box	6-5/8 in. REG box x box	7-5/8 in. REG box x box
Make-up torque range (ft/lb)	1,950-2,150	9,900-10,900	30,000-33,000	53,000-58,000	89,000-91,000
Max dogleg severity					
Sliding	60°/100 ft	30°/100 ft	21°/100 ft	14°/100 ft	14°/100 ft
Rotating	30°/100 ft	14°/100 ft	10°/100 ft	8°/100 ft	8°/100 ft
Max operating temp	302°F/150°C	284°F/140°C	284°F/140°C	284°F/140°C	284°F/140°C
Max survival temp	302°F/150°C	302°F/150°C	302°F/150°C	302°F/150°C	302°F/150°C
Max working pressure (psi)	16,000	18,000	18,000	18,000	13,500
Max mass flow rate (lb mass/min)	1,800	3,750	10,000	10,000	20,000
Max sand content	1%	2%	1%	1%	5%
Measure point from bottom of EWR tool	4 ft/1.22 m	7.5 ft/2.29 m	4.5 ft/1.37 m	4.5 ft/1.37 m	4.5 ft/1.37 m
Max LCM	No restrictions				
Max RPM	60[4]	250	180	180	180
Max WOB (lb)	15,000	25,000	45,000	45,000	45,000

[1] High-temperature (347°F/175°C) and high-pressure (25,000 psi) tools are available upon special request.
[2] High-flow (20,000 lb mass/min) and high-pressure (25,000 psi) tools are available upon special request. Their make-up torque range is 43,000-48,000 ft-lb.
[3] High-temperature (347°F/175°C) tools are available upon special request.
[4] Empirical drilling data have shown that vibration increases significantly when the rotational speed exceeds 60 RPM.

4-3/4 in., 6-3/4 in., and 8 in. EWR-PHASE 4™ Sensors

Transmitter Spacing (Inches)*	Frequency	Depth of Investigation† @ 1 Ω•m (Inches)		Depth of Investigation† @ 20 Ω•m (Inches)	
		Phase Shift	Attenuation	Phase Shift	Attenuation
9	2 MHz	19	31	29	74
15	2 MHz	23	37	39	84
27	2 MHz	31	47	54	100
39	1 MHz	42	66	75	141

*Transmitter spacing is the axial distance between the transmitter and the mid point (measure point) between the two receivers.
† Depth of investigation is defined as the diameter corresponding to the 50% value of the integrated radial pseudo-geometric factor.

9-1/2 in. EWR-PHASE 4D Sensor

Transmitter Spacing (Inches)*	Frequency	Depth of Investigation† @ 1 Ω•m (Inches)		Depth of Investigation† @ 20 Ω•m (Inches)	
		Phase Shift	Attenuation	Phase Shift	Attenuation
18	2 MHz	24	36	40	86
24	2 MHz	27	43	48	93
30	2 MHz	30	47	55	102
42	1 MHz	42	66	76	142

3-1/8 in. EWR-PHASE 4 Superslim Sensor

Transmitter Spacing (Inches)*	Frequency	Depth of Investigation† @ 1 Ω•m (Inches)		Depth of Investigation† @ 20 Ω•m (Inches)	
		Phase Shift	Attenuation	Phase Shift	Attenuation
12	2 MHz	19	31	32	76
20	2 MHz	24	39	42	88
28	2 MHz	29	46	52	100
44	500 kHz	36	58	68	120

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DDS™ Drillstring Dynamics Sensor

Detect and Avoid Destructive Downhole Vibrations

Sperry-Sun's DDS™ sensor measures downhole vibration in real time, making it possible to avoid or eliminate damaging stress to MWD tools, motors, bits, and other drillstring components. By monitoring in real time, drilling parameters such as weight-on-bit and rotary speed can be adjusted the instant high vibration levels are detected, thus avoiding extended periods of exposure to damaging levels of vibration. By reducing the number of MWD failures and drillstring twistoffs and the amount of bit damage, the DDS™ sensor can improve drilling efficiency plus reduce the amount of rig time for tripping and fishing. This will result in lower total drilling costs.

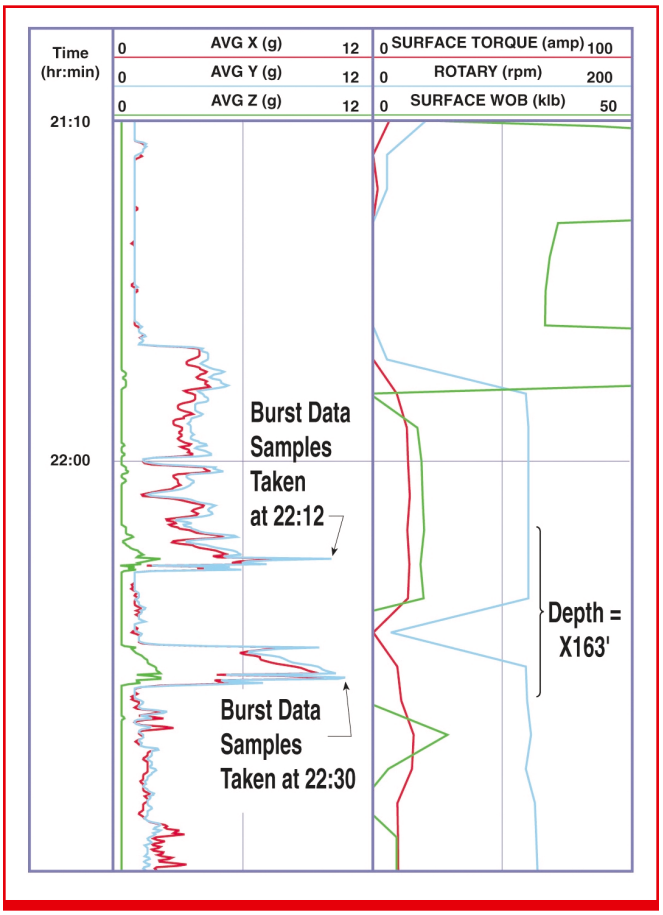
The DDS™ sensor consists of triaxial accelerometers mounted on the insert of the DGR™ (dual gamma ray) sensor. It measures lateral, torsional, and longitudinal accelerations. Average, peak and instantaneous (burst) accelerations are measured for each of the three axes. This detects both vibration severity and mode (e.g., bit bounce, lateral shock, stick-slip, bit whirl).

Applications

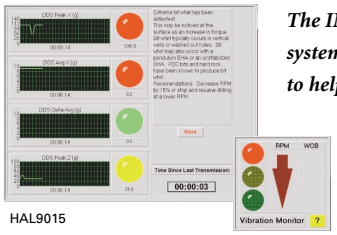
- Vertical or near-vertical wells
- High-cost drilling environments, in which tripping costs are prohibitive
- Harsh drilling environments
- Intermediate hole sections with large diameters
- Areas known for large formation washouts
- Areas of unexplained low ROP
- Areas of unexplained drillstring damage or MWD failures

Benefits

- Improved drilling practices
- Faster ROP
- Superior hole quality
- Increased tool reliability and bit life
- Improved planning and design



Plot of DDS™ sensor downhole average and peak vibration data and surface parameters versus time, indicating that bit whirl occurred while drilling the top of this limestone formation.



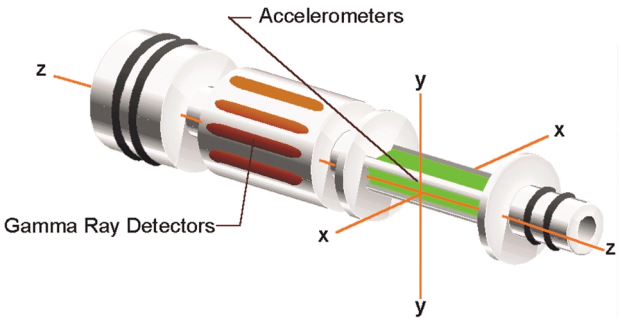
The INSITE™ information management system makes real-time recommendations to help alleviate downhole vibrations.

Sperry-Sun

The orthogonal accelerometers of the DDS™ sensor monitor three axes (X, Y, and Z), are rated from ±200g, and have a frequency response of 5,000 Hz with a resolution of 0.2g. The X axis measures lateral and radial acceleration, the Y axis measures lateral and tangential acceleration, and the Z axis measures axial acceleration.

Rotational acceleration (stick-slip) creates fluctuations in downhole rpm, and these changes are measured by the X and Y accelerometers. Due to the long period of stick-slip motion (usually several seconds), the tangential component should be smaller than the radial component. Bit whirl, expecially backward whirl, has been shown to be a major contributor to premature PDC bit failure. Maximum whirling frequency can be calculated from spectral analysis of the X and Y accelerometer data.

DDS™ sensor-equipped DGR™ sensor subs are available in 4-3/4 in., 6-3/4 in., 8 in., and 9-1/2 in. sizes.



The DDS™ sensor is incorporated into the DGR™ sensor

HAL9013

Operating Applications DDS™ Sensor Response Summary		
Harmful Downhole Conditions	Primary Indication	Secondary Indication
Whirl	High average X and Y accelerations	Analysis of recorded spectral data
Rotational acceleration (stick-slip)	Average X higher than average Y accelerations	Peak X higher than peak Y accelerations
Axial vibrations (bit bounce)	High peak Z acceleration	High average Z acceleration
Lateral shocks	High peak X and Y acceleration	High average X and Y acceleration

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APPENDIX 7

DIRECTIONAL DRILLING REPORT

HALLIBURTON

Anzon Australia Ltd.

Directional Drilling End of Well Report

Well : Basker #2

Date: August – September 2005

Sperry Drilling Services

Table of Contents

1. Well Summary
2. Definitive Survey Report and A4 Plot
3. Survey and Drilling Parameters
4. BHA Data
5. Motor Performance Reports
6. Daily Directional Drilling Reports

Client : Anzon Australia Ltd.

Well Name : Basker #2

Job Objectives:

Basker #2 is an appraisal well designed to evaluate the Basker reservoirs prior to full field development of the Basker and Manta fields. This evaluation will include logging while drilling, electric line logging and flowback after the well has been completed during this planned set of well operations.

The Basker #1 discovery well encountered 7 reservoir sands, with six of these sands containing oil and the uppermost sand containing gas. Basker #2 is expected to encounter the same reservoir sands in an updip location some 800m NNE of Basker #1 at reservoir depth.

Summary of Results:

Surface hole (36") was drilled from seabed at 174 m to 208 metres. The 17 1/2" hole was drilled to 1006 metres .

The 12 1/4" section was drilled in 3 runs.
The first run was to a depth of 2497m and was pulled for a bit change due to the poor toolface stability experienced with the PDC. On tripping, the stabiliser hung up in the BOP variable rams which resulted in nearly a week of lost time while the BOP's were repaired.
The second run drilled to a depth of 2741m with a rock bit and was also tripped for a bit change as the bit would not have made TD within the prescribed operating revolutions for the bit. While the assembly was at surface the bend on the motor was set to 1.5 degrees to increase the effective dog leg severity (EDLS). In addition the pony and the motor top stabiliser were taken out of the BHA.
The final run in the 12 1/4" section was drilled to a depth of 2956m. Effective DLS was approximately 4.8°/30m.

The 8 1/2" hole was drilled in two runs to a TD depth of 3414m.
The first run was tripped for a drillpipe washout, and it was decided to run back in hole with a tri-cone and rotary assembly for the second run, due to the short remaining distance involved.

Discussion:

BHA Summary:

BHA # 3
---
12 1/4" hole

Bit - Sperrydrill - 12" Stab - XO(with float) - MWD - 12" Stab - 2 x DC - Jars - SDC - XO - HWDP

Depth in: 1006
Depth out: 2497m

Rotary drilled down to 246 m then attempted to slide. There was no toolface control whatsoever and the assembly was POOH to pick-up a TCI bit.

BHA # 4
---
12 1/4" hole

Bit - Sperrydrill - XO(with float) - Pony - Stab - MWD - 12" Stab - 2 x DC - Jars - SDC - XO - HWDP

Depth in: 2497
Depth out: 2741m

This assembly drilled quite well, in both rotary and sliding, though the effective dog leg severity (EDLS) was lower than expected with the 1.15 degree bend, in the order of 2.8°/30m. However, due to the rate of penetration and the concern of increasing bit rotations for the bit, it was decided to trip for a bit change. To take advantage of this bit trip, the motor top stabiliser and pony were taken out for two reasons; to bring the MWD sensors closer to the bit, and to reduce any possible drag that might be caused by the stabiliser in the hole.

BHA # 5
---

12 1/4" hole

Bit - Sperrydrill - XO(with float) - MWD - 12" Stab - 2 x DC - Jars - SDC - XO - HWDP

Depth in: 2741m
Depth out: 2956

This BHA finished off the 12 1/4" section. The increase of the bend to a 1.5 degrees (previously 1.15 degrees) gave a greater effective dog leg severity (approx. 4.8°/30m). The ROP remained unchanged from the previous assembly though toolface control was improved. The clients request of being approx 1-3 degrees above the line was made difficult due to the additional request by the client of having a 50 - 90m tangent to 9 5/8" casing point.

BHA #6
---
8 1/2" hole

Bit - Sperrydrill - float (ported) - AGS - MWD - Stab - 2 x DC - 12 x HWDP - Jars - 6x HWDP

Depth in: 2956m
Depth out: 3310m

Initial ROP was very high through the Latrobe formation. Initial ROP's in the order of 120m/hr were experienced and build and turn rates of -0.8 and -1.0°/30m respectively even though this BHA was modelled on a 1.0°/30m build. Sliding was attempted to combat this trend though with the PDC and aggressive nature of the formation toolface control was extremely difficult. At the clients request, it was decided to rotate ahead maximising parameters to TD. ROP slowed through the payzone and with the high torque rates (constant) experienced, slowing down surface RPM and controlling WOB was necessary to drill on the torque limiter. Average ROP throught the payzone was approx 35m/hr.

BHA #7
---
8 1/2" hole

Bit - Drive Sub (ported for float) - 8 1/4" Stab - MWD - 8" Stab - 1 x DC - 7 3/4" Stab - 2 x DC - 12 x HWDP - Jars - 6x HWDP

Depth in: 3310m
Depth out:3414m

This BHA was run due to the previous string being tripped for a drill pipe washout. It was decided by Anzon to go back in hole with a rotary assembly due to the short distance involved.

BHA #	Bit #	Motor Run #	Hole Size (in)	MD In (m)	MD Out (m)	TVD In (m)	TVD Out (m)	Inc In (deg)	Inc Out (deg)	Azi In (deg)	Azi Out (deg)	Drlg hrs	Circ hrs
3	3	1	12.250	1006	2497	1006	2497	0.1	2.1	321	341	54	4
4	4	2	12.250	2497	2741	2497	2739	2.1	12.1	341	180	51	6
5	5	3	12.250	2741	2956	2739	2938	12.1	29.5	180	181	33	3
6	6	4	8.500	2956	3310	2938	3251	29.5	26.1	181	170	24	4
7	7		8.500	3310	3414	3251	3345	26.1	26.0	170	170	22	2

Table 1 - BHA Summary

Motor Run Summary:

Motor # 1

Serial no 963006
Bend set at 1.15degs

Depth in: 1006 m
Depth out: 2497 m

Drilling hours: 40.8
Circulating hours: 55.5

Motor # 2

Serial no 963271
Bend Set at 1.15 deg 1st run, 1.5 deg 2nd run

1st run (EDLS = 2.8)

Depth in: 2497m
Depth out: 2741m

2nd run (EDLS = 4.8)

Depth in: 2741m
Depth out: 2956m

Motor # 3

Serial no 700021
Bend set at 0.93 deg (EDLS = 1.0, NB; PoorTF control)

Depth in: 2956m
Depth out: 3310m

Motor Run #	Manufacturer	Type	Lobe	OD (in)	Gauge (in)	Bend (deg)	Adj	DLS (Ori) (°/30m)	ROP (Ori) (m/hr)	ROP (Rot) (m/hr)
1	SSDS	SperryDrill	6/7	9.625	12.125	1.15	Y	0.10	7	28
2	SSDS	SperryDrill	6/7	9.625	12.000	1.15	Y	2.00	5	5
3	SSDS	SperryDrill	6/7	9.625	12.000	1.50	Y	4.80	4	9
4	SSDS	SperryDrill	7/8	7.000	8.250	0.92	Y	0.90	2	15

Table 2 - Motor Run Summary

Bit Run Summary:

Bit run # 3

Bit type: FM3653Z3
Stock no: 10752375

Nozzles: 3 X 16, 3 X 18

Grade in: New
Grade out: 1-4-WT-O-X-2/16-CT-BHA

Bit run # 4

Smith TCI
Style; GFS10B
SN; MR6231

Nozzles; 4 x 20/32"

Grade in; NEW
Grade out; 4-4-WT-G-E-2-BT-BHA

Meters Drilled; 244m

Bit run # 5

Hughes TCI
Style; MXC09H
SN; 6029759

Nozzles; 3 x 20/32", 1 x 18/32"

Grade in; NEW
Grade out; 2-3-BT-O_-E-1-WT-TD

Meters Drilled; 215m

Bit run # 6

Security DBS PDC
Style; FM3743
SN; 10732618

Nozzles; 4 x 13/32", 2 x 16/32"

Grade in; NEW
Grade out; 1-4-CT-S_-X-1-WT-WO

Meters Drilled; 354m

Bit run # 7

Hughes MX20 TCI Bit
Style; MX20D
SN; 6035573

Nozzles; 3 x 14/32"

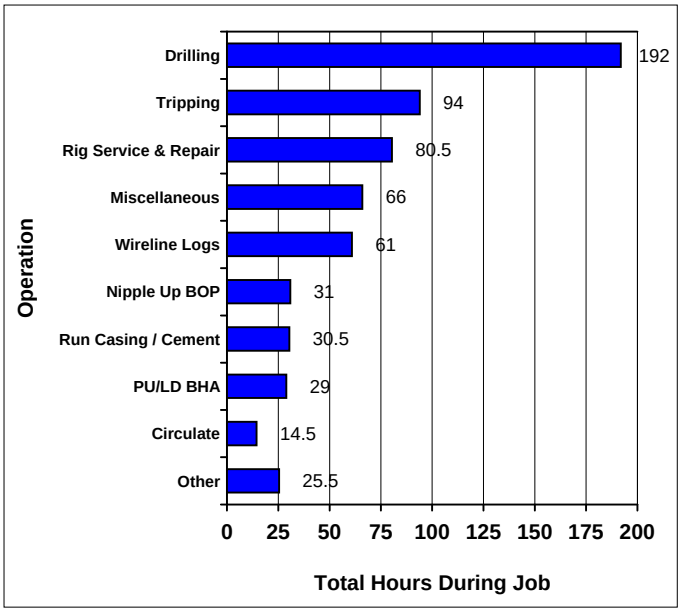
Grade in; NEW
Grade out; 3-3-BT-O_-E-1-WT-TD

Meters Drilled; 104m

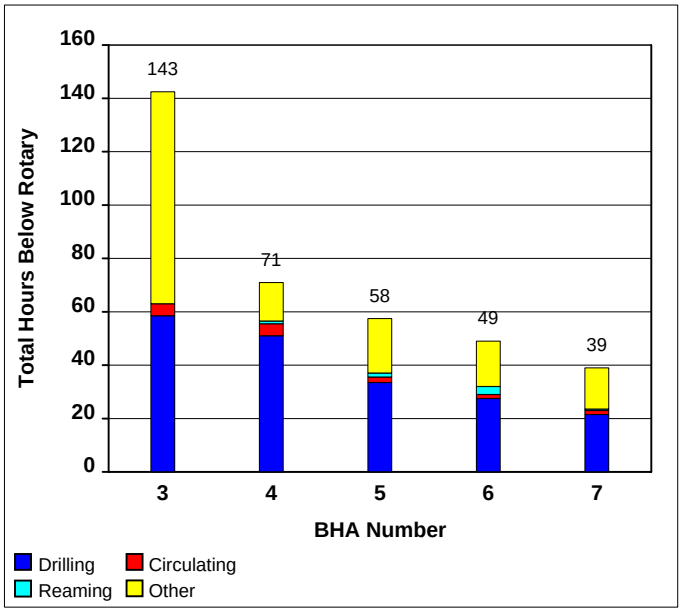
Bit #	Manufacturer	Style	OD (in)	Gge Len (in)	Nozzles (/32's)	TFA (in²)	Dull Grades I O D L B G O R	Ftge (m)	Drlg hrs	ROP (m/hr)
3	Sec DBS	FMFM3653	12.250		3x16, 3x18	1.335	1-4-WT-O -X-2-CT-BHA	1491	53.82	28
4	Smith	GFS10B	12.250		4x20	1.227	4-4-WT-G -E-2-BT-BHA	244	51.00	5
5	Hughes	MXC09H	12.250		3x20, 1x18	1.169	2-3-BT-O -E-1-WT-TD	215	33.17	6
6	Security DBS	FM3743	8.500	0.200	4x13, 2x16	0.911	1-4-CT-S -X-1-WT-WO	354	24.20	15
7	Hughes	MX20D	8.500		3x14	0.451	3-3-BT-O -E-1-WT-TD	104	21.50	5

Table 3 - Bit Run Summary

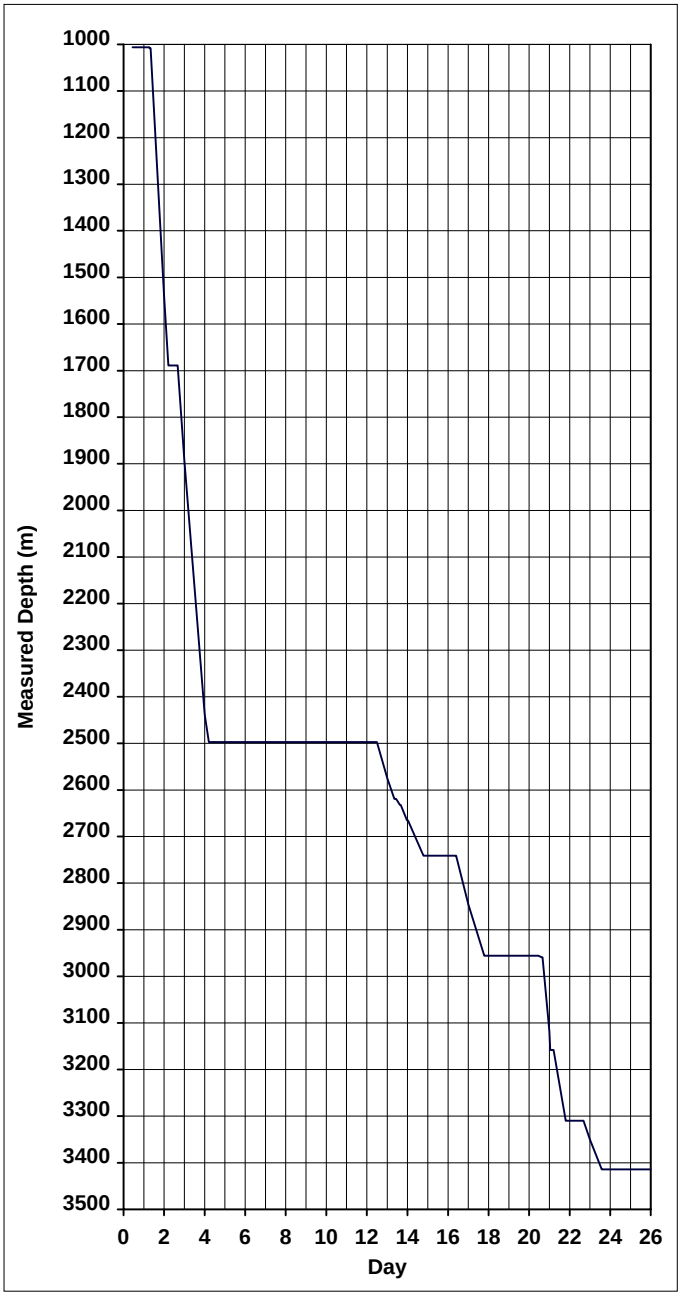
Hours by Operation Summary



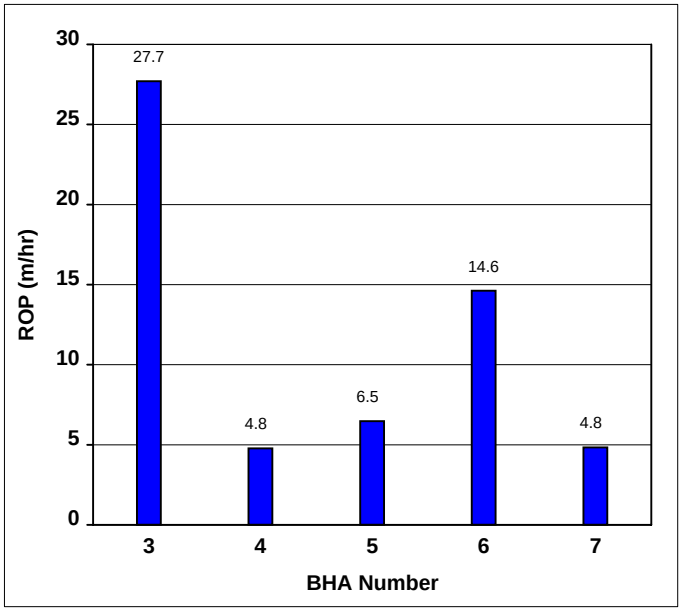
Hours per BHA Breakdown



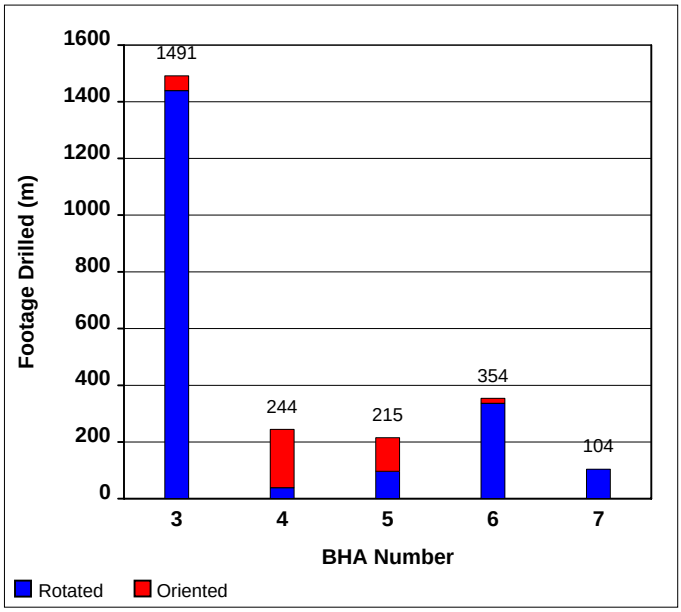
Days vs. Depth



Average Rate of Penetration per BHA



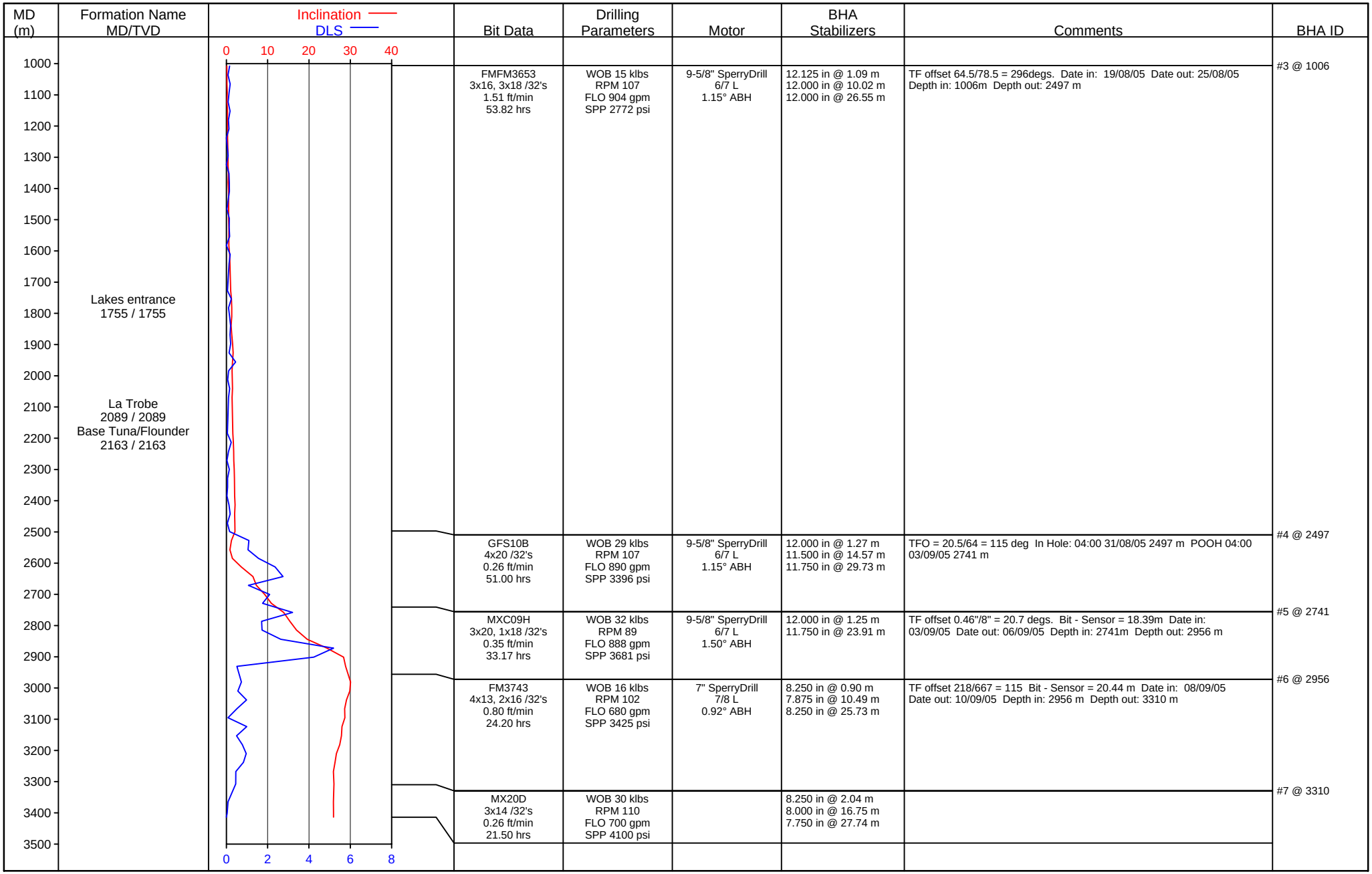
Footage per BHA



Sperry-Sun Drilling Services

Anzon Australia Ltd.
Basker #2
Ocean Patriot

Basker
Gippsland Basin
AU-DD-0003704943



HALLIBURTON

Sperry Drilling Services

Anzon Australia Ltd.

Basker
Basker #2
Basker #2
Basker #2

Design: Basker #2

Standard Survey Report

22 September, 2005

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Project Basker

Map System:	Universal Transverse Mercator	**System Datum:**	Mean Sea Level
Geo Datum:	GDA94		
Map Zone:	Zone 55S (144 E to 150 E)		

Site Basker #2

Site Position:		**Northing:**	5,759,565.00 m	**Latitude:**	38° 17' 58.555" S
From:	Map	**Easting:**	649,250.00 m	**Longitude:**	148° 42' 24.647" E
Position Uncertainty:	0.00 m	**Slot Radius:**	in	**Grid Convergence:**	-1.058 °

Well Basker #2

Well Position	**+N/-S**	0.00 m	**Northing:**	5,759,566.40 m	**Latitude:**	38° 17' 58.509" S
	+E/-W	0.00 m	**Easting:**	649,251.90 m	**Longitude:**	148° 42' 24.724" E
Position Uncertainty		0.00 m	**Wellhead Elevation:**	m	**Water Depth:**	155.50 m

Wellbore Basker #2

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2005	31/07/2005	13.379	-68.731	59,927

Design Basker #2

Audit Notes:	Casing depths are provisional, and should only be used as a guide.				
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	

Vertical Section:	Depth From (TVD) (m)	+N/-S (m)	+E/-W (m)	Direction (°)
	0.00	0.00	0.00	189.878

Survey Program **Date** 22/09/2005

From (m)	To (m)	Survey (Wellbore)	Tool Name	Description
176.00	990.30	17½" MWD (Basker #2)	MWD	
1,007.58	2,930.71	12¼" MWD (Basker #2)	MWD	
2,981.05	3,414.00	8½" MWD (Basker #2)	MWD	

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.000	0.00	0.00
176.00	0.000	0.000	176.00	0.00	0.00	0.00	0.000	0.00	0.00
224.64	0.190	161.030	224.64	-0.08	0.03	0.07	0.117	0.12	0.00
282.39	0.070	139.650	282.39	-0.19	0.08	0.18	0.066	-0.06	-11.11
311.29	0.090	116.770	311.29	-0.22	0.11	0.19	0.039	0.02	-23.75
340.13	0.100	73.760	340.13	-0.22	0.16	0.19	0.073	0.01	-44.74
368.98	0.060	116.980	368.98	-0.22	0.19	0.18	0.072	-0.04	44.94
397.82	0.090	163.120	397.82	-0.25	0.21	0.21	0.068	0.03	48.00
426.64	0.040	150.940	426.64	-0.28	0.23	0.24	0.054	-0.05	-12.68
455.27	0.090	138.560	455.27	-0.30	0.25	0.26	0.054	0.05	-12.97
512.45	0.090	115.620	512.45	-0.36	0.32	0.30	0.019	0.00	-12.04

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
541.04	0.090	127.280	541.04	-0.38	0.35	0.32	0.019	0.00	12.24
569.57	0.090	149.550	569.57	-0.41	0.38	0.34	0.037	0.00	23.42
598.15	0.100	130.150	598.15	-0.45	0.41	0.37	0.035	0.01	-20.36
626.68	0.070	122.820	626.68	-0.48	0.45	0.39	0.033	-0.03	-7.71
655.39	0.070	93.470	655.39	-0.49	0.48	0.40	0.037	0.00	-30.67
684.11	0.090	75.670	684.11	-0.48	0.52	0.39	0.033	0.02	-18.59
713.01	0.070	46.860	713.01	-0.46	0.55	0.36	0.046	-0.02	-29.91
741.78	0.090	14.620	741.78	-0.43	0.57	0.33	0.050	0.02	-33.62
770.73	0.110	35.100	770.73	-0.38	0.59	0.28	0.042	0.02	21.22
799.47	0.100	46.210	799.47	-0.34	0.63	0.23	0.024	-0.01	11.60
828.16	0.070	89.320	828.16	-0.33	0.66	0.21	0.072	-0.03	45.08
856.72	0.070	42.390	856.72	-0.31	0.69	0.19	0.059	0.00	-49.30
885.23	0.000	253.430	885.23	-0.30	0.70	0.18	0.074	-0.07	0.00
913.66	0.060	324.630	913.66	-0.29	0.70	0.17	0.063	0.06	0.00
970.77	0.040	321.600	970.77	-0.25	0.67	0.13	0.011	-0.01	-1.59
990.30	0.100	275.800	990.30	-0.24	0.64	0.13	0.119	0.09	-70.35
1,000.10	0.102	305.570	1,000.10	-0.24	0.63	0.12	0.159	0.01	91.13
13 3/8"									
1,007.58	0.120	323.980	1,007.58	-0.23	0.62	0.12	0.159	0.07	73.84
1,036.29	0.170	300.460	1,036.29	-0.18	0.56	0.08	0.080	0.05	-24.58
1,065.40	0.170	5.050	1,065.40	-0.12	0.53	0.02	0.187	0.00	66.56
1,093.90	0.220	331.060	1,093.90	-0.03	0.51	-0.06	0.130	0.05	-35.78
1,122.82	0.140	342.260	1,122.82	0.06	0.47	-0.14	0.090	-0.08	11.62
1,151.70	0.310	334.260	1,151.70	0.16	0.43	-0.23	0.179	0.18	-8.31
1,180.48	0.250	318.650	1,180.48	0.28	0.35	-0.33	0.101	-0.06	-16.27
1,209.26	0.310	340.890	1,209.26	0.40	0.28	-0.44	0.128	0.06	23.18
1,237.94	0.310	337.820	1,237.94	0.54	0.23	-0.58	0.017	0.00	-3.21
1,294.96	0.410	316.370	1,294.96	0.83	0.03	-0.83	0.087	0.05	-11.29
1,323.33	0.410	317.990	1,323.33	0.98	-0.11	-0.95	0.012	0.00	1.71
1,351.78	0.500	308.150	1,351.77	1.14	-0.27	-1.07	0.125	0.09	-10.38
1,380.29	0.450	323.730	1,380.28	1.30	-0.44	-1.21	0.145	-0.05	16.39
1,408.92	0.560	313.660	1,408.91	1.49	-0.61	-1.36	0.148	0.12	-10.55
1,466.44	0.570	319.330	1,466.43	1.90	-1.00	-1.70	0.030	0.01	2.96
1,495.45	0.530	333.190	1,495.44	2.13	-1.15	-1.90	0.143	-0.04	14.33
1,524.52	0.620	322.850	1,524.51	2.38	-1.31	-2.12	0.141	0.09	-10.67
1,553.75	0.620	337.420	1,553.74	2.65	-1.46	-2.36	0.161	0.00	14.95
1,582.70	0.610	335.790	1,582.68	2.93	-1.59	-2.62	0.021	-0.01	-1.69
1,611.64	0.790	336.960	1,611.62	3.26	-1.73	-2.91	0.187	0.19	1.21
1,640.30	0.880	343.270	1,640.28	3.65	-1.87	-3.28	0.135	0.09	6.61
1,727.42	1.050	341.550	1,727.39	5.05	-2.31	-4.58	0.059	0.06	-0.59
1,753.75	1.250	345.400	1,753.71	5.55	-2.46	-5.05	0.244	0.23	4.39
1,782.06	1.310	348.870	1,782.01	6.17	-2.60	-5.63	0.104	0.06	3.68
1,810.73	1.320	342.050	1,810.68	6.81	-2.77	-6.23	0.164	0.01	-7.14
1,839.51	1.160	347.310	1,839.45	7.41	-2.93	-6.79	0.205	-0.17	5.48
1,868.40	1.330	345.600	1,868.33	8.02	-3.08	-7.37	0.181	0.18	-1.78
1,897.60	1.530	346.990	1,897.52	8.72	-3.25	-8.04	0.209	0.21	1.43
1,926.73	1.660	346.260	1,926.64	9.51	-3.44	-8.78	0.136	0.13	-0.75
1,955.70	1.490	331.530	1,955.60	10.25	-3.72	-9.46	0.453	-0.18	-15.25
1,984.13	1.390	329.830	1,984.02	10.87	-4.07	-10.02	0.115	-0.11	-1.79
2,012.56	1.450	328.820	2,012.44	11.48	-4.43	-10.55	0.069	0.06	-1.07
2,040.96	1.490	334.370	2,040.83	12.12	-4.77	-11.12	0.156	0.04	5.86
2,069.47	1.390	333.910	2,069.34	12.77	-5.09	-11.70	0.106	-0.11	-0.48
2,184.59	1.560	330.850	2,184.42	15.39	-6.46	-14.05	0.049	0.04	-0.80
2,213.55	1.690	337.470	2,213.37	16.13	-6.82	-14.72	0.236	0.13	6.86
2,242.35	1.790	336.870	2,242.15	16.93	-7.16	-15.45	0.106	0.10	-0.62

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Survey

Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
2,271.08	1.800	337.680	2,270.87	17.76	-7.51	-16.21	0.028	0.01	0.85
2,299.80	1.920	339.680	2,299.57	18.63	-7.84	-17.01	0.142	0.13	2.09
2,328.31	1.980	339.760	2,328.07	19.54	-8.18	-17.85	0.063	0.06	0.08
2,356.39	1.990	341.400	2,356.13	20.46	-8.50	-18.70	0.062	0.01	1.75
2,384.84	2.010	340.790	2,384.56	21.40	-8.83	-19.57	0.031	0.02	-0.64
2,413.64	2.130	341.030	2,413.34	22.38	-9.17	-20.48	0.125	0.12	0.25
2,442.71	2.020	337.080	2,442.39	23.36	-9.54	-21.38	0.186	-0.11	-4.08
2,472.22	2.070	337.280	2,471.89	24.33	-9.95	-22.27	0.051	0.05	0.20
2,499.05	2.110	341.020	2,498.70	25.25	-10.30	-23.11	0.159	0.04	4.18
2,527.69	1.240	320.720	2,527.33	25.99	-10.67	-23.77	1.090	-0.91	-21.26
2,557.34	0.870	264.890	2,556.97	26.21	-11.09	-23.92	1.053	-0.37	-56.49
2,585.21	1.480	194.310	2,584.84	25.85	-11.39	-23.51	1.557	0.66	-75.97
2,612.45	3.620	191.420	2,612.05	24.66	-11.65	-22.30	2.360	2.36	-3.18
2,643.41	6.450	190.090	2,642.89	21.99	-12.15	-19.58	2.744	2.74	-1.29
2,671.36	7.270	185.290	2,670.64	18.69	-12.59	-16.25	1.073	0.88	-5.15
2,700.45	9.300	184.650	2,699.42	14.51	-12.95	-12.07	2.096	2.09	-0.66
2,728.71	10.880	181.900	2,727.24	9.57	-13.22	-7.16	1.753	1.68	-2.92
2,757.90	13.900	178.270	2,755.75	3.31	-13.21	-0.99	3.204	3.10	-3.73
2,786.38	15.370	180.970	2,783.30	-3.88	-13.17	6.09	1.707	1.55	2.84
2,814.75	16.980	182.030	2,810.55	-11.78	-13.38	13.90	1.731	1.70	1.12
2,844.32	19.560	181.050	2,838.63	-21.05	-13.62	23.07	2.636	2.62	-0.99
2,872.38	24.390	182.400	2,864.64	-31.54	-13.95	33.47	5.192	5.16	1.44
2,901.45	28.380	180.270	2,890.68	-44.45	-14.23	46.24	4.231	4.12	-2.20
2,930.71	28.880	180.280	2,916.36	-58.47	-14.30	60.06	0.513	0.51	0.01
2,944.90	29.218	180.442	2,928.77	-65.36	-14.34	66.85	0.734	0.71	0.34
9 5/8"									
2,981.05	30.080	180.840	2,960.18	-83.24	-14.54	84.50	0.734	0.72	0.33
3,009.87	29.880	179.840	2,985.15	-97.64	-14.63	98.71	0.560	-0.21	-1.04
3,038.46	29.080	178.870	3,010.04	-111.71	-14.47	112.54	0.978	-0.84	-1.02
3,066.64	28.660	178.390	3,034.71	-125.31	-14.15	125.88	0.511	-0.45	-0.51
3,095.28	28.690	178.540	3,059.84	-139.05	-13.78	139.35	0.082	0.03	0.16
3,123.98	28.010	177.160	3,085.10	-152.67	-13.27	152.68	0.987	-0.71	-1.44
3,153.21	27.870	176.170	3,110.92	-166.34	-12.47	166.02	0.497	-0.14	-1.02
3,181.82	27.450	174.860	3,136.26	-179.58	-11.44	178.88	0.775	-0.44	-1.37
3,210.14	26.650	173.920	3,161.48	-192.40	-10.18	191.29	0.961	-0.85	-1.00
3,216.87	26.568	173.549	3,167.50	-195.39	-9.85	194.19	0.826	-0.37	-1.65
Target Rev #4									
3,238.54	26.310	172.340	3,186.90	-204.97	-8.67	203.42	0.826	-0.36	-1.67
3,267.81	25.940	171.770	3,213.18	-217.74	-6.88	215.69	0.458	-0.38	-0.58
3,307.72	26.060	170.420	3,249.06	-235.02	-4.18	232.25	0.454	0.09	-1.01
3,364.81	25.940	170.200	3,300.37	-259.69	0.04	255.83	0.081	-0.06	-0.12
3,401.22	25.960	170.310	3,333.11	-275.39	2.73	270.84	0.043	0.02	0.09
3,414.00	25.960	170.310	3,344.60	-280.91	3.67	276.11	0.000	0.00	0.00

Sperry Drilling Services
Survey Report

Company:	Anzon Australia Ltd.	**Local Co-ordinate Reference:**	Well Basker #2
Project:	Basker	**TVD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Site:	Basker #2	**MD Reference:**	New RT @ 21.50m (Ocean Patriot RT)
Well:	Basker #2	**North Reference:**	Grid
Wellbore:	Basker #2	**Survey Calculation Method:**	Minimum Curvature
Design:	Basker #2	**Database:**	Perth Office Database

Targets

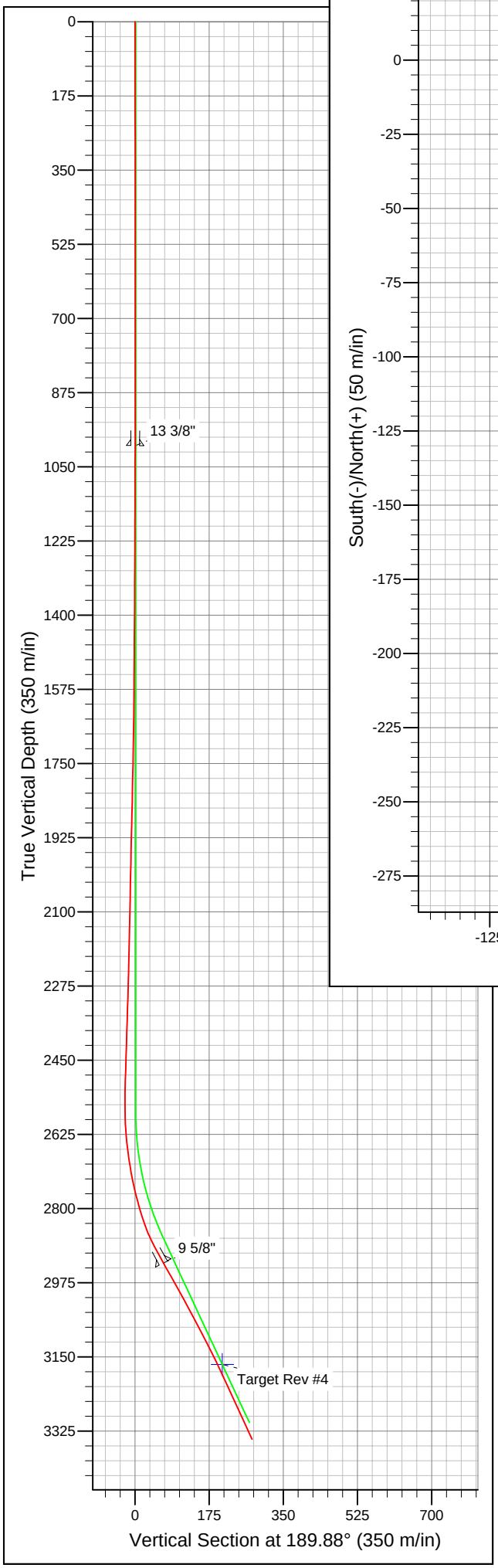
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (m)	+N/-S m	+E/-W m	Northing (m)	Easting (m)	Latitude	Longitude
Target Rev #4	0.00	0.00	3,167.50	-202.40	-36.90	5,759,364.00	649,215.00	38° 18' 05.095" S	148° 42' 23.359" E
- actual wellpath misses by 27.94m at 3216.87m MD (3167.50 TVD, -195.39 N, -9.85 E)									
- Polygon									
Point 1				50.00	0.00	5,759,364.00	649,265.00		
Point 2				50.00	-25.00	5,759,339.00	649,265.00		
Point 3				-50.00	-25.00	5,759,339.00	649,165.00		
Point 4				-50.00	0.00	5,759,364.00	649,165.00		

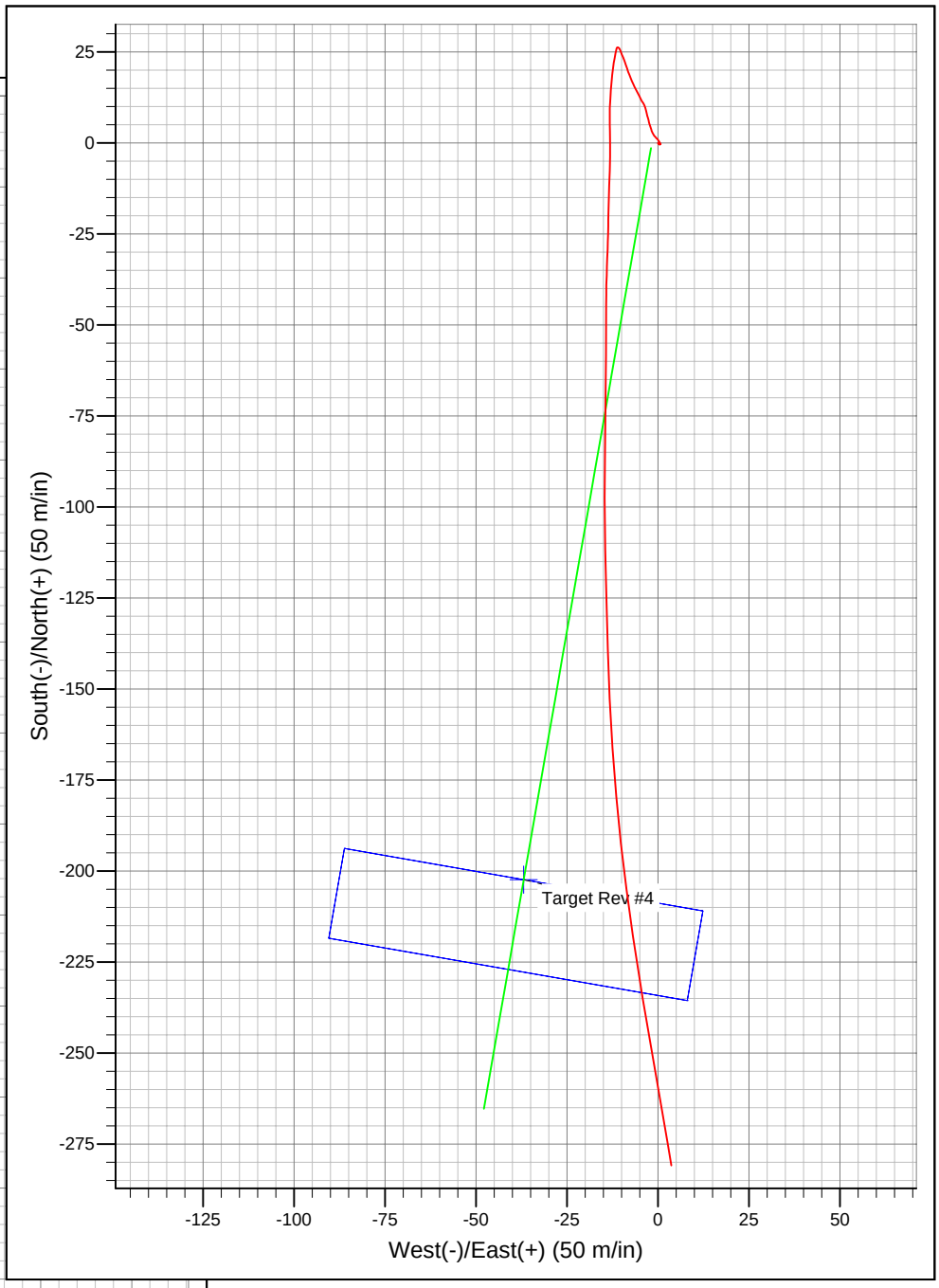
Casing Points

Measured Depth (m)	Vertical Depth (m)	Name	Casing Diameter (in)	Hole Diameter (in)
1,000.10	1,000.10	13 3/8"	13.37	17.50
2,944.90	2,928.77	9 5/8"	9.62	12.25

Checked By: _____ Approved By: _____ Date: _____

Sperry Drilling Services





Project: Basker
Site: Basker #2
Well: Basker #2
Wellbore: Basker #2
Design: Basker #2

sperry-sun DRILLING SERVICES

Survey and Drilling Parameters

Client : Anzon Australia Ltd.
Well Name : Basker #2
Rig : Ocean Patriot

Field : Basker
Location : Gippsland Basin
Job # : AU-DD-0003704943

North Ref : Grid **Declination :** ° **VS Dir :** 189.88° (from Wellhead)

WELLBORE SURVEY										DRILLING PARAMETERS									
Measured Depth (m)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (m)	Vertical Section (m)	Coordinates N/S (m)	Coordinates E/W (m)	DLS (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)	WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (m)	Orientation To (m)	Tool Face (deg)	ROP (m/hr)	BHA No. (#)	Comment
0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00										Tieon
176.00	0.00	0.00	176.0	0.0	0.0	0.0	0.00	0.00	0.00										
224.64	0.19	161.03	224.6	0.1	-0.1	0.0	0.12	0.12	0.00										
282.39	0.07	139.65	282.4	0.2	-0.2	0.1	0.07	-0.06	0.00										
311.29	0.09	116.77	311.3	0.2	-0.2	0.1	0.04	0.02	0.00										
340.13	0.10	73.76	340.1	0.2	-0.2	0.2	0.07	0.01	0.00										
368.98	0.06	116.98	369.0	0.2	-0.2	0.2	0.07	-0.04	0.00										
397.82	0.09	163.12	397.8	0.2	-0.2	0.2	0.07	0.03	0.00										
426.64	0.04	150.04	426.6	0.2	-0.3	0.2	0.05	-0.05	0.00										
455.27	0.09	138.56	455.3	0.3	-0.3	0.2	0.05	0.05	0.00										
512.45	0.09	115.62	512.4	0.3	-0.4	0.3	0.02	0.00	0.00										
541.04	0.09	127.28	541.0	0.3	-0.4	0.4	0.00	0.00	0.00										
569.57	0.09	149.55	569.6	0.3	-0.4	0.4	0.04	0.00	0.00										
598.15	0.10	130.15	598.1	0.4	-0.4	0.4	0.04	0.01	0.00										
626.68	0.07	122.82	626.7	0.4	-0.5	0.4	0.03	-0.03	0.00										
655.39	0.07	93.47	655.4	0.4	-0.5	0.5	0.04	0.00	0.00										
684.11	0.09	75.67	684.1	0.4	-0.5	0.5	0.03	0.02	0.00										
713.01	0.07	46.86	713.0	0.4	-0.5	0.6	0.05	-0.02	0.00										
741.78	0.09	14.62	741.8	0.3	-0.4	0.6	0.05	0.02	0.00										
770.73	0.11	35.10	770.7	0.3	-0.4	0.6	0.04	0.02	0.00										
799.47	0.10	46.21	799.5	0.2	-0.3	0.6	0.00	-0.01	0.00										
828.16	0.07	89.32	828.2	0.2	-0.3	0.7	0.07	-0.03	0.00										
856.72	0.07	42.39	856.7	0.2	-0.3	0.7	0.06	0.00	0.00										
885.23	0.00	253.43	885.2	0.2	-0.3	0.7	0.07	-0.07	0.00										
913.66	0.06	324.63	913.7	0.2	-0.3	0.7	0.06	0.06	0.00										
970.77	0.04	321.60	970.8	0.1	-0.2	0.7	0.00	-0.01	0.00										
990.30	0.10	275.80	990.3	0.1	-0.2	0.6	0.12	0.09	0.00										
1007.58	0.12	323.98	1007.6	0.1	-0.2	0.6	0.16	0.03	0.00	12	60	850	1600				40	3	
1036.29	0.17	300.46	1036.3	0.1	-0.2	0.6	0.08	0.05	0.00	15	100	900	2000				60	3	
1065.40	0.17	5.05	1065.4	0.0	-0.1	0.5	0.19	0.00	0.00	15	100	900	2025				65	3	

sperry-sun DRILLING SERVICES

Survey and Drilling Parameters

Client : Anzon Australia Ltd.
Well Name : Basker #2
Rig : Ocean Patriot

Field : Basker
Location : Gippsland Basin
Job # : AU-DD-0003704943

North Ref : Grid **Declination :** ° **VS Dir :** 189.88° (from Wellhead)

WELLBORE SURVEY										DRILLING PARAMETERS									
Measured Depth (m)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (m)	Vertical Section (m)	Coordinates N/S (m)	Coordinates E/W (m)	DLS (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)	WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (m)	Orientation To (m)	Tool Face (deg)	ROP (m/hr)	BHA No. (#)	Comment
1093.90	0.22	331.06	1093.9	-0.1	0.0	0.5	0.13	0.05	0.00	18	100	900	2025				65	3	
1122.82	0.14	342.26	1122.8	-0.1	0.1	0.5	0.09	-0.08	0.00	18	100	900	2025				65	3	
1151.70	0.31	334.26	1151.7	-0.2	0.2	0.4	0.18	0.18	0.00	18	100	900	2025				65	3	
1180.48	0.25	318.65	1180.5	-0.3	0.3	0.4	0.10	-0.06	0.00	18	100	900	2025				65	3	
1209.26	0.31	340.89	1209.3	-0.4	0.4	0.3	0.13	0.06	0.00	16	110	900	2100				50	3	
1237.94	0.31	337.82	1237.9	-0.6	0.5	0.2	0.00	0.00	0.00	16	110	900	2100				50	3	
1294.96	0.41	316.37	1295.0	-0.8	0.8	0.0	0.09	0.05	0.00	16	110	900	2100				50	3	
1323.33	0.41	317.99	1323.3	-1.0	1.0	-0.1	0.00	0.00	0.00	14	120	910	2250				60	3	
1351.78	0.50	308.15	1351.8	-1.1	1.1	-0.3	0.13	0.09	0.00	14	120	910	2250				60	3	
1380.29	0.45	323.73	1380.3	-1.2	1.3	-0.4	0.15	-0.05	0.00	14	120	910	2250				60	3	
1408.92	0.56	313.66	1408.9	-1.4	1.5	-0.6	0.15	0.12	0.00	18	120	910	2300				55	3	
1466.44	0.57	319.33	1466.4	-1.7	1.9	-1.0	0.03	0.01	0.00	18	120	910	2300				55	3	
1495.45	0.53	333.19	1495.4	-1.9	2.1	-1.1	0.14	-0.04	0.00	18	110	910	2300				50	3	
1524.52	0.62	322.85	1524.5	-2.1	2.4	-1.3	0.14	0.09	0.00	18	110	910	2300				50	3	
1553.75	0.62	337.42	1553.7	-2.4	2.6	-1.5	0.16	0.00	0.00	18	110	910	2300				50	3	
1582.70	0.61	335.79	1582.7	-2.6	2.9	-1.6	0.00	-0.01	0.00	15	110	900	2600				45	3	
1611.64	0.79	336.96	1611.6	-2.9	3.3	-1.7	0.19	0.19	0.00	15	110	900	2600				45	3	
1640.30	0.88	343.27	1640.3	-3.3	3.6	-1.9	0.13	0.09	0.00	15	110	900	2600				45	3	
1727.42	1.05	341.55	1727.4	-4.6	5.0	-2.3	0.06	0.06	0.00	17	110	910	2650				40	3	
1753.75	1.25	345.40	1753.7	-5.0	5.6	-2.5	0.24	0.23	4.39	17	110	910	2650				40	3	
1782.06	1.31	348.87	1782.0	-5.6	6.2	-2.6	0.10	0.06	3.68	17	110	910	2650				40	3	
1810.73	1.32	342.05	1810.7	-6.2	6.8	-2.8	0.16	0.01	-7.14	17	110	910	3000	1783	1789	LS	50	3	
1839.51	1.16	347.31	1839.4	-6.8	7.4	-2.9	0.20	-0.17	5.48	16	115	920	3300				50	3	
1868.40	1.33	345.60	1868.3	-7.4	8.0	-3.1	0.18	0.18	-1.78	16	115	920	3300				50	3	
1897.60	1.53	346.99	1897.5	-8.0	8.7	-3.3	0.21	0.21	1.43	16	115	920	3300				50	3	
1926.73	1.66	346.26	1926.6	-8.8	9.5	-3.4	0.14	0.13	-0.75	16	115	920	3300				50	3	
1955.70	1.49	331.53	1955.6	-9.5	10.3	-3.7	0.45	-0.18	-15.25	16	115	920	3300	1928	1938	LS	50	3	
1984.13	1.39	329.83	1984.0	-10.0	10.9	-4.1	0.11	-0.11	-1.79	16	115	920	3300	1956	1960	LS	50	3	
2012.56	1.45	328.82	2012.4	-10.6	11.5	-4.4	0.07	0.06	-1.07	16	115	920	3300	1985	1990	LS	50	3	
2040.96	1.49	334.37	2040.8	-11.1	12.1	-4.8	0.16	0.04	5.86	16	115	920	3300				50	3	
2069.47	1.39	333.91	2069.3	-11.7	12.8	-5.1	0.11	-0.11	-0.48	18	115	925	3325	2047	2048	LS	40	3	

sperry-sun DRILLING SERVICES

Survey and Drilling Parameters

Client : Anzon Australia Ltd.
Well Name : Basker #2
Rig : Ocean Patriot

Field : Basker
Location : Gippsland Basin
Job # : AU-DD-0003704943

North Ref : Grid **Declination :** ° **VS Dir :** 189.88° (from Wellhead)

WELLBORE SURVEY										DRILLING PARAMETERS									
Measured Depth (m)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (m)	Vertical Section (m)	Coordinates N/S (m)	Coordinates E/W (m)	DLS (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)	WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (m)	Orientation To (m)	Tool Face (deg)	ROP (m/hr)	BHA No. (#)	Comment
2184.59	1.56	330.85	2184.4	-14.1	15.4	-6.5	0.05	0.04	-0.80	15	110	910	3350				40	3	
2213.55	1.69	337.47	2213.4	-14.7	16.1	-6.8	0.24	0.13	6.86	15	110	910	3350				40	3	
2242.35	1.79	336.87	2242.2	-15.5	16.9	-7.2	0.11	0.10	-0.63	8	90	880	3400				30	3	
2271.08	1.80	337.68	2270.9	-16.2	17.8	-7.5	0.03	0.01	0.85	8	90	880	3400				30	3	
2299.80	1.92	339.68	2299.6	-17.0	18.6	-7.8	0.14	0.13	2.09	8	90	880	3400				30	3	
2328.31	1.98	339.76	2328.1	-17.8	19.5	-8.2	0.06	0.06	0.08	8	90	880	3400				30	3	
2356.39	1.99	341.40	2356.1	-18.7	20.5	-8.5	0.06	0.01	1.75	9	90	880	3400				30	3	
2384.84	2.01	340.79	2384.6	-19.6	21.4	-8.8	0.03	0.02	-0.64	9	90	880	3400				30	3	
2413.64	2.13	341.03	2413.3	-20.5	22.4	-9.2	0.13	0.13	0.25	9	90	880	3400				30	3	
2442.71	2.02	337.08	2442.4	-21.4	23.4	-9.5	0.19	-0.11	-4.08	18	100	900	3500				30	3	
2472.22	2.07	337.28	2471.9	-22.3	24.3	-9.9	0.05	0.05	0.20	20		900	3600	2465	2472	LS	18	3	
2499.05	2.11	341.02	2498.7	-23.1	25.2	-10.3	0.16	0.04	4.18	22	110	900	3400	2472	2476	LS	12	4	
														2482	2497	LS		4	
2527.69	1.24	320.72	2527.3	-23.8	26.0	-10.7	1.09	-0.91	-21.26	35		900	3450	2508	2528	180m	12	4	
2557.34	0.87	264.89	2557.0	-23.9	26.2	-11.1	1.05	-0.37	0.00	35		900	3450	2528	2543	180m	10	4	
														2554	2557	180m		4	
2585.21	1.48	194.31	2584.8	-23.5	25.8	-11.4	1.56	0.66	0.00	25		880	3300	2557	2584	180m	7	4	
														2584	2585	180m		4	
2612.45	3.62	191.42	2612.0	-22.3	24.7	-11.6	2.36	2.36	-3.18	25		880	3300	2585	2612	180m	7	4	
2643.41	6.45	190.09	2642.9	-19.6	22.0	-12.1	2.74	2.74	-1.29	30		890	3400	2612	2613	180m	10	4	
														2613	2642	180m		4	
														2642	2643	HS		4	
2671.36	7.27	185.29	2670.6	-16.2	18.7	-12.6	1.07	0.88	-5.15	20	110	865	3200	2643	2665	HS	10	4	
2700.45	9.30	184.65	2699.4	-12.1	14.5	-12.9	2.10	2.09	-0.66	20	110	865	3200	2675	2699	HS	10	4	
2728.71	10.88	181.90	2727.2	-7.2	9.6	-13.2	1.75	1.68	-2.92	20	110	900	3400	2701	2727	HS	10	4	
2757.90	13.90	178.27	2755.7	-1.0	3.3	-13.2	3.20	3.10	-3.73	30		890	3600	2731	2741	HS	8	5	
														2741	2745	HS		5	
														2747	2750	HS		5	
														2752	2758	HS		5	
2786.38	15.37	180.97	2783.3	6.1	-3.9	-13.2	1.71	1.55	2.84	35	100	880	3550	2758	2770	HS	10	5	
2814.75	16.98	182.03	2810.6	13.9	-11.8	-13.4	1.73	1.70	1.12	30	100	880	3700	2794	2806	HS	10	5	

sperry-sun DRILLING SERVICES

Survey and Drilling Parameters

Client : Anzon Australia Ltd.
Well Name : Basker #2
Rig : Ocean Patriot

Field : Basker
Location : Gippsland Basin
Job # : AU-DD-0003704943

North Ref : Grid **Declination :** ° **VS Dir :** 189.88° (from Wellhead)

WELLBORE SURVEY										DRILLING PARAMETERS									
Measured Depth (m)	Incl Angle (deg)	Azi Dir (deg)	Vertical Depth (m)	Vertical Section (m)	Coordinates N/S (m)	Coordinates E/W (m)	DLS (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)	WOB (klbs)	RPM	Flow Rate (gpm)	Stand Pipe (psi)	Orientation From (m)	Orientation To (m)	Tool Face (deg)	ROP (m/hr)	BHA No. (#)	Comment
2844.32	19.56	181.05	2838.6	23.1	-21.1	-13.6	2.64	2.62	-0.99	30		900	3725	2818	2835	HS	6	5	
														2837	2844	HS		5	
2872.38	24.39	182.40	2864.6	33.5	-31.5	-13.9	5.19	5.16	1.44	30		890	3750	2844	2863	HS	6	5	
														2866	2872	23R		5	
2901.45	28.38	180.27	2890.7	46.2	-44.5	-14.2	4.23	4.12	-2.20	30		890	3750	2872	2892	23R	7	5	
														2895	2901	10R		5	
2930.71	28.88	180.28	2916.4	60.1	-58.5	-14.3	0.51	0.51	0.01	35	80	885	3750	2901	2905	10R	20	5	
2981.05	30.08	180.84	2960.2	84.5	-83.2	-14.5	0.73	0.72	0.33	10	60	650	3200	2953	2956	45R	80	6	
3009.87	29.88	179.84	2985.1	98.7	-97.6	-14.6	0.56	-0.21	-1.04	14	100	650	3200				80	6	
3038.46	29.08	178.87	3010.0	112.5	-111.7	-14.5	0.98	-0.84	-1.02	14	100	650	3200				70	6	
3066.64	28.66	178.39	3034.7	125.9	-125.3	-14.1	0.51	-0.45	-0.51	5		650	2600	3061	3067	45R	6	6	
3095.28	28.69	178.54	3059.8	139.4	-139.1	-13.8	0.08	0.03	0.16	18	140	700	3600	3067	3079	45R	80	6	
3123.98	28.01	177.16	3085.1	152.7	-152.7	-13.3	0.99	-0.71	-1.44	18	140	700	3600				80	6	
3153.21	27.87	176.17	3110.9	166.0	-166.3	-12.5	0.50	-0.14	-1.02	15	100	700	3600				40	6	
3181.82	27.45	174.86	3136.3	178.9	-179.6	-11.4	0.77	-0.44	-1.37	15	100	700	3600				30	6	
3210.14	26.65	173.92	3161.5	191.3	-192.4	-10.2	0.96	-0.85	-1.00	15	100	700	3600				20	6	
3238.54	26.31	172.34	3186.9	203.4	-205.0	-8.7	0.83	-0.36	-1.67	25	100	700	3600				20	6	
3267.81	25.94	171.77	3213.2	215.7	-217.7	-6.9	0.46	-0.38	-0.58	25	100	700	3600				30	6	
3307.72	26.06	170.42	3249.1	232.2	-235.0	-4.2	0.45	0.09	-1.01	25	100	700	3600				25	6	
3364.81	25.94	170.20	3300.4	255.8	-259.7	0.0	0.08	-0.06	-0.12	30	110	700	4100				5	7	
3401.22	25.96	170.31	3333.1	270.8	-275.4	2.7	0.04	0.02	0.09	30	110	700	4100				5	7	
3414.00	25.96	170.31	3344.6	276.1	-280.9	3.7	0.00	0.00	0.00									7	

sperry-sun
DRILLING SERVICES

BHA Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943 **BHA# 3**

BHA# 3 : **Date In** :19/08/200 **MD In (m) :** 1006 **TVD In (m) :** 1006 **Date Out** 31/08/200 **MD Out (m):** 2497 **TVD Out (m):** 2497

BIT DATA

Bit #	OD (in)	MFR	Style	Serial#	Nozzles (/32's)	TFA (in²)	Dull Condition
3	12.250	Sec DBS	FMFM3653	10752375	3x16, 3x18	1.335	1-4-WT-O -X-2-CT-BHA

MOTOR DATA

Run #	OD (in)	MFR	Model	Serial#	Bend	Nzl (/32's)	Avg Dif (psi)	Cum Circ Hrs
1	9.625	SSDS	SperryDrill	963006	1.15°		278	57.96

COMPONENT DATA

Item #	Description	Serial #	OD (in)	ID (in)	Gauge (in)	Weight (lbs/ft)	Top Con	Length (m)	Bit - Center Blade (m)
1	12 1/4" FM3653Z3	10752375	12.250	3.000		377.57	P 6-5/8" Reg	0.34	
2	9-5/8" SperryDrill Lobe 6/7 - 5.0 stg	963006	9.625	6.135	12.125	147.21	B 7-5/8" Reg	8.50	1.09
3	12" Integral Blade Stabilizer	DA9033	9.500	3.000	12.000	217.48	B 7-5/8" Reg	2.35	10.02
4	Cross Over Sub w/ float	A545	8.000	3.000		147.22	B 6-5/8" Reg	1.03	
5	8" Gamma Res MWD	9008129	8.000	1.920		161.44	B 6-5/8" Reg	7.20	
6	8" DM Survey	81131K8	8.000	1.920		161.44	B 6-5/8" Reg	2.80	
7	8" P4M Pulser	10562337	8.000	1.920		161.44	B 6-5/8" Reg	3.10	
8	12" Integral Blade Stabilizer	SBD02394	8.000	3.000	12.000	147.22	B 6-5/8" Reg	2.47	26.55
9	2x Drill collar		8.000	2.810		150.00	B 6-5/8" Reg	17.64	
10	8" Drilling Jars		6.500	3.000		89.00	B 6-5/8" Reg	10.11	
11	Pony collar	SBD2374	8.000	2.500		154.00	B 6-5/8" Reg	5.02	
12	Cross Over Sub		6.500	3.000		89.00	B 4-1/2" IF	1.17	
13	15x HWDP		5.000	3.000		49.30	B 4-1/2" IF	138.43	
								200.16	

Parameter	Min	Max	Ave
WOB (klbs) :	2	26	15
RPM (rpm) :	60	120	107
Flow (gpm) :	850	925	904
SPP (psi) :	1600	3600	2772

Activity	Hrs
Drilling :	53.82
Reaming :	0.00
Circ-Other :	4.14
Total :	57.96

BHA Weight (lb)	
in Air (Total) :	51734
in Mud (Total) :	43845
in Air (Bel Jars) :	23513
in Mud (Bel Jars) :	19928

Drill String	OD(in)	Len (m)
DP(S)-NC50(XH)-19.50#	5.000	2297

PERFORMANCE

	In	Out
Inclination (deg)	0.12	2.11
Azimuth (deg)	320.59	340.74

	Distance (m)	ROP (m/hr)	Build (°/30m)	Turn (°/30m)	DLS (°/30m)
Oriented :	52.00	7			0.10
Rotated :	1439.00	28	0.10	1.00	
Total :	1491.00	28	0.04	0.00	0.04

COMMENTS

TF offset 64.5/78.5 = 296degs.
Date in: 19/08/05
Date out: 25/08/05
Depth in: 1006m
Depth out: 2497 m

OBJECTIVES:

To drill the hole vertically to the kick-off point at around 2600m and then build angle at 2.5°/30m to 25 degrees, along an azimuth of 190 degrees.

RESULTS:

Drilled from 1006 - 2497 m, 1491 m, in 58.5 IADC drilling hours (40.8 on-bottom drilling hours) at an average ROP of 25.5 m/hr (36.5 on-bottom ROP). Slid a total of 52 m, 3.5% of the total distance.

The BHA was configured to drill vertically to the KOP at 2600m. Initially the inclination held below one degree until a depth of 1750m was reached. At this point the assembly was pulled up to the shoe and extra drill pipe was picked up to enable the assembly to reach TD. Once back on bottom rotary drilling was resumed and the inclination still continued to increase above the one degree mark and in a direction totally opposite to the prognosed hole direction. An attempt to slide between 1783m and 1789m showed that the TF was very erratic and could not even be held in the same quadrant. The subsequent survey showed that no correction had been initiated. Slides were subsequently re-tried with the same poor results - rotary drilled ahead to 2465 m. Attempted to slide, again with no success, so the assembly was POOH at 2497 m. The inability to slide resulted in the well bore being 25 m behind in section when the the assembly was POOH.

On pulling the assembly through the BOP's it became stuck (due to pipe rams closing). After trying to jar free, the HWDP was parted with a string shot and the assembly freed with a fishing overshot, drill collars & jars. The BOP's were then pulled for inspection & repair.

RECOMMENDATIONS:

The PDC bit which looked to be benign as far as steerability was concerned proved to be uncontrollable in the formations where steering was attempted, being the Lakes Entrance and the Latrobe. This may not be true of other formations but in this particular instance no progress was made.
The use of a TCI rock bit was required to successfully kick-off the well.

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DRILLING SERVICES

BHA Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943 **BHA# 4**

BHA# 4 : **Date In** :31/08/200 **MD In (m) :** 2497 **TVD In (m) :** 2497 **Date Out** 3/09/2005 **MD Out (m):** 2741 **TVD Out (m):** 2739

BIT DATA

Bit #	OD (in)	MFR	Style	Serial#	Nozzles (/32's)	TFA (in²)	Dull Condition
4	12.250	Smith	GFS10B	MR6231	4x20	1.227	4-4-WT-G -E-2-BT-BHA

MOTOR DATA

Run #	OD (in)	MFR	Model	Serial#	Bend	Nzl (/32's)	Avg Dif (psi)	Cum Circ Hrs
2	9.625	SSDS	SperryDrill	963271	1.15°		160	56.50

COMPONENT DATA

Item #	Description	Serial #	OD (in)	ID (in)	Gauge (in)	Weight (lbs/ft)	Top Con	Length (m)	Bit - Center Blade (m)
1	12 1/4" Smith TCI Bit	MR6231	12.250	3.000		377.57	P 6-5/8" Reg	0.35	
2	9-5/8" SperryDrill Lobe 6/7 - 5.0 stg	963271	9.625	6.135	12.000	147.21	B 7-5/8" Reg	8.50	1.27
3	Non-Mag Cross Over Sub w/ ported float	A599	8.000	3.000		147.22	B 6-5/8" Reg	1.06	
4	Pony collar	DA8014	8.000	3.000		150.00	B 6-5/8" Reg	3.58	
5	11 1/2" Integral Blade Stabilizer	47570	8.000	3.000	11.500	147.22	B 6-5/8" Reg	2.19	14.57
6	8" Gamma Res MWD	90081130	8.000	1.920		161.44	B 6-5/8" Reg	7.15	
7	8" DM Survey	90081130K8	8.000	1.920		161.44	B 6-5/8" Reg	2.72	
8	8" P4M Pulser	10635018	8.000	1.920		161.44	B 6-5/8" Reg	3.10	
9	11 3/4" Integral Blade Stabilizer	47568	8.000	3.000	11.750	147.22	B 6-5/8" Reg	2.22	29.73
10	2x Drill collar		8.000	2.810		150.00	B 6-5/8" Reg	17.64	
11	8" Drilling Jars		6.500	3.000		89.00	B 6-5/8" Reg	9.68	
12	Pony collar	SBD2374	8.000	2.500		154.00	B 6-5/8" Reg	5.02	
13	Cross Over Sub		6.500	3.000		89.00	B 4-1/2" IF	1.17	
14	15x HWDP		5.000	3.000		49.30	B 4-1/2" IF	138.43	
								202.81	

Parameter	Min	Max	Ave
WOB (klbs) :	20	35	29
RPM (rpm) :	100	110	107
Flow (gpm) :	865	900	890
SPP (psi) :	3200	3500	3396

Activity	Hrs
Drilling :	51.00
Reaming :	1.00
Circ-Other :	4.50
Total :	56.50

BHA Weight	(lb)
in Air (Total) :	52588
in Mud (Total) :	44569
in Air (Bel Jars) :	24493
in Mud (Bel Jars) :	20758

Drill String	OD(in)	Len (m)
DP(S)-NC50(XH)-19.50#	5.000	2538

PERFORMANCE

	In	Out
Inclination (deg)	2.11	12.15
Azimuth (deg)	340.74	180.16

	Distance (m)	ROP (m/hr)	Build (°/30m)	Turn (°/30m)	DLS (°/30m)
Oriented :	206.00	5			2.00
Rotated :	38.00	5	1.80	2.00	
Total :	244.00	5	1.23	-19.74	1.74

COMMENTS

TFO = 20.5/64 = 115 deg
In Hole: 04:00 31/08/05 2497 m
POOH 04:00 03/09/05 2741 m

OBJECTIVES:

Initiate the kick-off immediately and build back to the line and then build angle at 2.5°/30m to 25 degrees, along an azimuth of 190 degrees.

RESULTS:

Drilled from 2497 - 2741 m, 244 m, in 51.0 IADC drilling hours (33.6 on-bottom drilling hours) at an average ROP of 4.8 m/hr (7.3 on-bottom ROP). Slid a total of 206 m, 84.4 % of the total distance.

The well had been open for a week (due to the BOP's being fixed) prior to running in hole. The string was run to bottom with no hole problems encountered.

Sliding was commenced early so as to get back to the line. Initially, detection from the MWD hampered progress due to inconsistent flow rates from the mud pumps as welll as alot of mud pump 'noise'.

Toolface was erratic, resulting in lower than anticipated effective DLS from the slides. This was due to highly interbedded formation. These rates were less than required and thus a large percentage of each stand was taken up with sliding to try and achieve the required dogleg rates. Effective doglegs ranged from 1.0 - 2.7, generally 2°/30m - this was from 25 - 29 metres of slide per stand.

The 3 mud pumps were unreliable and required fixing quite often - poor MWD signal for some of the run can be attributed to the poor state of the pumps. Breakovers of upto 40 K were seen throughout the sliding.

The string became mechanically stuck at 2665 m and had to be jarred free.

The assembly was POOH to change the bit and modify the BHA whilst at surface. The bit was graded 1/8" undergauge.

RECOMMENDATIONS:

This BHA worked well but due to the difficulty in holding toolface reducing the EDLS, it would be recommended to run with a 1.5 degree bend if after similar doglegs.

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DRILLING SERVICES

BHA Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943 **BHA# 5**

BHA# 5 : **Date In** :3/09/2005 **MD In (m) :** 2741 **TVD In (m) :** 2739 **Date Out** 6/09/2005 **MD Out (m):** 2956 **TVD Out (m):** 2938

BIT DATA

Bit #	OD (in)	MFR	Style	Serial#	Nozzles (/32's)	TFA (in²)	Dull Condition
5	12.250	Hughes	MXC09H	6029759	3x20, 1x18	1.169	2-3-BT-O -E-1-WT-TD

MOTOR DATA

Run #	OD (in)	MFR	Model	Serial#	Bend	Nzl (/32's)	Avg Dif (psi)	Cum Circ Hrs
3	9.625	SSDS	SperryDrill	963271	1.50°		140	93.13

COMPONENT DATA

Item #	Description	Serial #	OD (in)	ID (in)	Gauge (in)	Weight (lbs/ft)	Top Con	Length (m)	Bit - Center Blade (m)
1	12 1/4" Hughes TCI Bit	6029759	12.250	3.000		377.57	P 6-5/8" Reg	0.33	
2	9-5/8" SperryDrill Lobe 6/7 - 5.0 stg	963271	9.625	6.135	12.000	147.21	B 7-5/8" Reg	8.50	1.25
3	Non-Mag Cross Over Sub w/ ported float	A599	8.000	3.000		147.22	B 6-5/8" Reg	1.03	
4	8" Gamma Res MWD	90081130	8.000	1.920		161.44	B 6-5/8" Reg	7.15	
5	8" DM Survey	90081130K8	8.000	1.920		161.44	B 6-5/8" Reg	2.72	
6	8" P4M Pulser	10635018	8.000	1.920		161.44	B 6-5/8" Reg	3.10	
7	11 3/4" Integral Blade Stabilizer	47568	8.000	3.000	11.750	147.22	B 6-5/8" Reg	2.22	23.91
8	2x Drill collar		8.000	2.810		150.00	B 6-5/8" Reg	17.64	
9	8" Drilling Jars		6.500	3.000		89.00	B 6-5/8" Reg	9.68	
10	Pony collar	SBD2374	8.000	2.500		154.00	B 6-5/8" Reg	5.02	
11	Cross Over Sub		6.500	3.000		89.00	B 4-1/2" IF	1.17	
12	15x HWDP		5.000	3.000		49.30	B 4-1/2" IF	138.16	
								196.72	

Parameter	Min	Max	Ave
WOB (klbs) :	30	35	32
RPM (rpm) :	80	100	89
Flow (gpm) :	880	900	888
SPP (psi) :	3550	3800	3681

Activity	Hrs
Drilling :	33.17
Reaming :	1.49
Circ-Other :	1.98
Total :	36.63

BHA Weight	(lb)
in Air (Total) :	49686
in Mud (Total) :	42109
in Air (Bel Jars) :	21634
in Mud (Bel Jars) :	18335

Drill String	OD(in)	Len (m)
DP(S)-NC50(XH)-19.50#	5.000	2759

PERFORMANCE

	In	Out
Inclination (deg)	12.15	29.48
Azimuth (deg)	180.16	180.57

	Distance (m)	ROP (m/hr)	Build (°/30m)	Turn (°/30m)	DLS (°/30m)
Oriented :	119.00	4			4.80
Rotated :	96.00	9	0.23	-1.20	
Total :	215.00	6	2.42	0.06	2.42

COMMENTS

TF offset 0.46"/8" = 20.7 degs.
Bit - Sensor = 18.39m
Date in: 03/09/05
Date out: 06/09/05
Depth in: 2741m
Depth out: 2956 m

OBJECTIVES:

To continue building inclination at a build rate of 3.25°/30m to a final inclination of approximately 29 degrees. Anzon has requested to land out "10 metres or so" ahead of the line and "a couple of degrees above the inclination".

RESULTS:

Drilled from 2741 - 2956 m, 215 m, in 33.5 IADC drilling hours (23.42 on-bottom drilling hours) at an average ROP of 6.4 m/hr (9.2 on-bottom ROP). Slid a total of 119 m, 55.3 % of the total distance.

Washed & reamed the last few stands to bottom, worked 2678 metres, which is approximately where the string was jarred free on the previous run. Commenced sliding immediately on bottom and then rotated as appropriate. Effective doglegs ranged from 1.7 - 5.2, generally around 4.8°/30m - with the exception of the low doglegs, the entire stand was slid to gain the higher doglegs. Toolface was somewhat erratic, and displayed a marked tendency to the left. Drill collars proved to be the usual impediment to steering and absorbed surface turn for toolface control. The string had to be picked up and oriented frequently to achieve acceptable steering.

As per Anzon's request, the last 48 m were rotated to provide a tangent section, however a decision was made to increase the inclination from 29 degrees at the bit (2953 m) to 30 - 31 degrees. Shortly after at 2956m this decision was reversed to set casing.

RECOMMENDATIONS:

No changes required.

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DRILLING SERVICES

BHA Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943 **BHA# 6**

BHA# 6 : **Date In** :7/09/2005 **MD In (m) :** 2956 **TVD In (m) :** 2938 **Date Out** 10/09/2005 **MD Out (m):** 3310 **TVD Out (m):** 3251

BIT DATA

Bit #	OD (in)	MFR	Style	Serial#	Nozzles (/32's)	TFA (in²)	Dull Condition
6	8.500	Security DBS	FM3743	10732618	4x13, 2x16	0.911	1-4-CT-S -X-1-WT-WO

MOTOR DATA

Run #	OD (in)	MFR	Model	Serial#	Bend	Nzl (/32's)	Avg Dif (psi)	Cum Circ Hrs
4	7.000	SSDS	SperryDrill	700021	0.92°		483	28.16

COMPONENT DATA

Item #	Description	Serial #	OD (in)	ID (in)	Gauge (in)	Weight (lbs/ft)	Top Con	Length (m)	Bit - Center Blade (m)
1	Security FM3743	10732618	8.500	1.000	8.500	190.71	P 4-1/2" Reg	0.25	
2	7" SperryDrill Lobe 7/8 - 6.0 stg	700021	7.000	4.753	8.250	70.69	B 4-1/2" IF	7.69	0.90
3	Float Sub, ported float	A550	6.500	2.875		90.96	B 4-1/2" IF	0.84	
4	Adjustable Gauge Stabilizer	450078	6.500	3.000	7.875	89.00	B 4-1/2" IF	3.24	10.49
5	6-3/4" Gamma Res MWD	NZ200HRGV6	6.750	2.000		111.25	B 4-1/2" IF	7.10	
6	6-3/4" DM Survey	90082560M6	6.750	2.000		111.25	B 4-1/2" IF	2.80	
7	6-3/4" P4M Pulser	192198	6.750	2.000		111.25	B 4-1/2" IF	3.06	
8	8 1/4" Integral Blade Stabilizer	A265	6.500	2.875	8.250	90.96	B 4-1/2" IF	1.91	25.73
9	2x Drill collar		6.500	2.813		92.00	B 4-1/2" IF	18.67	
10	12x HWDP		5.000	3.000		49.30	B 4-1/2" IF	109.89	
11	Driling Jar		5.000	3.000		42.83	B 4-1/2" IF	9.86	
12	6x HWDP		5.000	3.000		49.30	B 4-1/2" IF	55.30	
								220.61	

Parameter	Min	Max	Ave
WOB (klbs) :	5	25	16
RPM (rpm) :	60	140	102
Flow (gpm) :	600	700	680
SPP (psi) :	2600	3600	3425

Activity	Hrs
Drilling :	24.20
Reaming :	2.64
Circ-Other :	1.32
Total :	28.16

BHA Weight	(lb)
in Air (Total) :	42176
in Mud (Total) :	36174
in Air (Bel Jars) :	31846
in Mud (Bel Jars) :	27314

Drill String	OD(in)	Len (m)
DP(S)-NC50(XH)-19.50#	5.000	3089

PERFORMANCE

	In	Out
Inclination (deg)	29.48	26.06
Azimuth (deg)	180.57	170.41

	Distance (m)	ROP (m/hr)	Build (°/30m)	Turn (°/30m)	DLS (°/30m)
Oriented :	18.00	2			0.90
Rotated :	336.00	15	-0.80	-1.00	
Total :	354.00	15	-0.29	-0.86	0.49

COMMENTS

TF offset 218/667 = 115
Bit - Sensor = 20.44 m
Date in: 08/09/05
Date out: 10/09/05
Depth in: 2956 m
Depth out: 3310 m

OBJECTIVES:

Build inclination to 30 - 31 degrees using the AGS, slide if necessary. Drill to TD of the well as per geology.

RESULTS:

Drilled from 2956 - 3310 m, 354 m, in 27.5 IADC drilling hours (14.2 on-bottom drilling hours) at an average ROP of 12.9 m/hr (24.9 on-bottom ROP). Slid a total of 18 m, 5.1 % of the total distance.

The shoe track was drilled as per Anzon drilling parameters, no drilling parameter specifications were requested from Sperry. Sperry DD personnel were present on the floor for the drilling of the plugs, shoe track, shoe & rathole.

Hole angle initially held out of shoe and then showed drop and left turn at around 0.8 drop / 1.0 degree turn. This drop/turn tendency was serious enough to warrant sliding (started at 3061 metres), however toolface control was very problematical and required very low WOB. This resulted in an ROP of only 2 - 3m/hr. Anzon decided that no more sliding was required and from 3079 m the remaining section was rotary drilled. Anzon was made aware that without sliding to control the drop/turn tendency that the target might be missed.

After the connection at 3146 metres high rotary torque was seen (torque at the limiter value) and P/U weight was 40K over; the string was worked and a single drilled and the problems still seen. It was suspected that a block of cement from the rathole had dropped. The BHA was back-reamed to the shoe, once on bottom the problem re-occurred. Drilling ahead continued.

At 3310 metres, a gradual pressure loss was noted (600 psi in total) and the string was POOH for a suspected washout. A single of drillpipe was washed out. Continued to POOH to lay out the motor and rotary drill to TD.

RECOMMENDATIONS:

No changes required.

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DRILLING SERVICES

BHA Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943 **BHA# 7**

BHA# 7 : **Date In** :10/09/200 **MD In (m) :** 3310 **TVD In (m) :** 3251 **Date Cur**: 13/09/200 **MD Cur (m):** 3414 **TVD Cur (m):** 3345

BIT DATA

Bit #	OD (in)	MFR	Style	Serial#	Nozzles (/32's)	TFA (in²)	Dull Condition
7	8.500	Hughes	MX20D	6035573	3x14	0.451	3-3-BT-O -E-1-WT-TD

MOTOR DATA

Run #	OD (in)	MFR	Model	Serial#	Bend	Nzl (/32's)	Avg Dif (psi)	Cum Circ Hrs

COMPONENT DATA

Item #	Description	Serial #	OD (in)	ID (in)	Gauge (in)	Weight (lbs/ft)	Top Con	Length (m)	Bit - Center Blade (m)
1	Hughes MX20 TCI Bit	6035573	8.500	1.000	8.500	190.71	P 4-1/2" Reg	0.34	
2	Bit Sub	1860045	6.375	2.875		86.66	B 4-1/2" IF	0.95	
3	8 1/4"Integral Blade Stabilizer	A265	6.750	2.000	8.250	111.25	B 4-1/2" IF	1.91	2.04
4	6-3/4" Gamma Res MWD	NZ200HRGV6	6.750	2.000		111.25	B 4-1/2" IF	7.10	
5	6-3/4" DM Survey	90082560M6	6.750	2.000		111.25	B 4-1/2" IF	2.80	
6	6-3/4" P4M Pulser	192198	6.750	2.000		111.25	B 4-1/2" IF	3.06	
7	8 " Integral Blade Stabilizer	2368	6.500	2.875	8.000	90.96	B 4-1/2" IF	1.34	16.75
8	1x Drill collar		6.500	2.813		92.00	B 4-1/2" IF	9.38	
9	7 3/4" Integral Blade Stabilizer	A268	6.500	3.000	7.750	89.00	B 4-1/2" IF	1.97	27.74
10	2x Drill collar		6.500	2.813		92.00	B 4-1/2" IF	18.66	
11	12x HWDP		5.000	3.000		49.30	B 4-1/2" IF	109.89	
12	Driling Jar		5.000	3.000		42.83	B 4-1/2" IF	9.86	
13	6x HWDP		5.000	3.000		49.30	B 4-1/2" IF	55.30	
								222.56	

Parameter	Min	Max	Ave
WOB (klbs) :	30	30	30
RPM (rpm) :	110	110	110
Flow (gpm) :	700	700	700
SPP (psi) :	4100	4100	4100

Activity	Hrs
Drilling :	21.50
Reaming :	0.50
Circ-Other :	1.50
Total :	23.50

BHA Weight	(lb)
in Air (Total) :	43453
in Mud (Total) :	37213
in Air (Bel Jars) :	33123
in Mud (Bel Jars) :	28367

Drill String	OD(in)	Len (m)
DP(S)-NC50(XH)-19.50#	5.000	3191

PERFORMANCE

	In	Out
Inclination (deg)	26.06	25.96
Azimuth (deg)	170.41	170.31

	Distance (m)	ROP (m/hr)	Build (°/30m)	Turn (°/30m)	DLS (°/30m)
Oriented :	0.00	0			
Rotated :	104.00	5			
Total :	104.00	5	-0.03	-0.03	0.03

COMMENTS

OBJECTIVES:

Rotary drill 8 1/2" hole to section TD.

RESULTS:

Drilled to a target depth of 3414m. Drilled from 3310 - 3414 m, 104 m, in 22.5 IADC drilling hours (18.92 on-bottom drilling hours) at an average ROP of 4.8 m/hr (5.7 m/hr on-bottom ROP).

RECOMMENDATIONS:

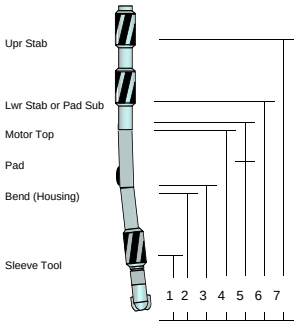
No changes required.

MOTOR PERFORMANCE REPORT

M-AU-DD-0003704943-3

Motor Serial # : 963006 | **Job #** : AU-DD-0003704943
Directional Driller(s) : Tony O'Loughlin, Gavin Meikle | **Client** : Anzon Australia Ltd.
Location : Gippsland Basin | **Rig** : Ocean Patriot
Well Name : Basker #2 | **Bit Run #** : 3 | **BHA #** : 3 | **Motor Run #** : 1
Depth In/Out : 1006 / 2497 *m* | **Date In/Out** : 19/08/2005 / 31/08/2005 | **Hole Size** : 12.250 *in*
Application Details : Performance Drilling

MOTOR CONFIGURATION



	From Bit *(m)*	Component		Type	Diam In/Out *(in)*
1	1.09	Sleeve Stab/Pad	Yes	Stab: 4 I 0°	12.125 12.125
2	2.14	Bent Housing	Yes	Adjustable: 1.15° bend	
3		Housing Tool Used	No		
4	8.84	Stator Elastomer	Nitrile	Stator: Oversized, Flexed Body	
5		Bent Sub / 2nd Bent Hsg	No		
6	10.02	Lower String Stab	Yes	Stab: 3 I 270°	12.000 12.000
7	26.55	Upper String Stab	Yes	Stab: 3 I 270°	12.000 12.000

Additional Features :
Flex Collar : No | **Short Brg Pack** : No | **Rtr Noz / Size** : */32's*
Brg Cfg (Off/On) : | **Lobe Cfg** : 6/7 | **BHA OD/ID** : 9.500 / 3.000 *in*

	Arr	Ret
Pick Up Sub	No	No
Bit Box Protr	Yes	Yes

MOTOR RUN DATA

Max Dogleg While Rotating : 0.10 *°/30m* | **RPM** : 110 | **Motor Stalled** : Yes | **Prev Job/Well Hrs** : 0.00
Max Dogleg Overpulled In : 0.10 *°/30m* | **Force** : 1000 *lbf* | **Float Valve** : Yes | **Drilling Hrs** : 53.82
Max Dogleg Pushed Through : 0.10 *°/30m* | **Force** : 1000 *lbf* | **DP Filter** : No | **Circ Hrs** : 4.14
Hole Azimuth Start / End : 320.59° / 340.74° | **Inc Start / End** : 0.12° / 2.11° | **Reaming Hrs** : 0.00
Interval Oriented / Rot. : 52 / 1439 *m* | **Directional Perf Ori / Rot** : 0.10 / 0.10 *°/30m* | **Total Hrs This Run** : 57.96
Jarring Occured : No | **New Cumulative Hrs** : 57.96

	Diff Press *(psi)*	Str RPM	Rotn Torque *(ft-lbs)*	Drag Up/Dn *(lbf)*	WOB *(klbs)*	ROP Oriented *(m/hr)*	ROP Rotated *(m/hr)*
Avg	278	107	8136	1000 / 1000	15	7	28
Max	400	120	10000	2500 / 2500	26	20	71

PRE-RUN TESTS

Motor Tested Pre-Run : Yes | **with** : 2 Collars, Bit, MWD
Dump Sub Operating : N/A | **Brg Play** : 2.0 *mm*
Flow 1 : 950 *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes

POST-RUN TESTS

Motor Tested Post-Run : Yes | **with** : 2 Collars, Bit, MWD
Dump Sub Operating : N/A | **Brg Play** : 2.0 *mm*
Flow 1 : *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes
Driveshaft Rotated to Drain Mud : Yes
Fluid Flushed : No | **Fluid Used** :

MUD DATA

Base : Water | **Additives** : | **Mud Wt** : 1.20 *sg* | **SPP Start/End** : 1600 / 3600 *psi*
% Oil/Water : / | **% Solids** : 10.00 | **% Sand** : 0.25 | **PV** : 13 *cp* | **YP** : 26.0 *lbf/100ft²* | **pH** : 8.9
DH Temp Avg/Max : 48.4 / 58.0 | **FlowRate Avg/Max** : 904 / 925 *gpm* | **Chloride Content** : 43000 *ppm*
Principle Formation Name(s) : Lakes entrance, La Trobe, Base Tuna/Flounder | **Lithology** : Marl, Sst

BIT DATA

Make : Sec DBS | **Type** : FMFM3653 | **Serial #** : 10752375
Pre Existing Hours From Other Wells:
Prev Drilling Hrs : 0.00 | **Prev Reaming Hrs** : 0.00 | **No of Runs This Bit** : 1
Jet Sizes *(/32's)* : 3x16, 3x18 | **TFA** : 1.335 *in²* | **Gage Length** : *in*

Dull Grade	1	2	3	4	5	6	7	8
In								NEW
Out	1	4	WT	O	X	2	CT	BHA

PERFORMANCE COMMENTS

Problem Perceived : No | **Problem Date** : | **Service Interrupt** : No | **Service Interrupt Hrs** :
Performance Motor : Yes | **Tandem Motor** : No | **LIH** : No | **PPR Ref #** :

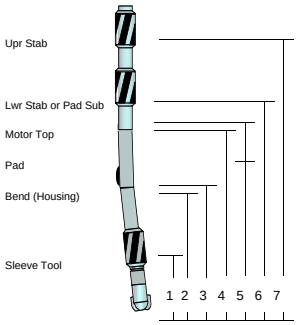
Customer Representative's Signature (optional) : ..... **Date:** .....

MOTOR PERFORMANCE REPORT

M-AU-DD-0003704943-4

Motor Serial # : 963271 | **Job #** : AU-DD-0003704943
Directional Driller(s) : Gavin Meikle, Broe & Richard | **Client** : Anzon Australia Ltd.
Location : Gippsland Basin | **Rig** : Ocean Patriot
Well Name : Basker #2 | **Bit Run #** : 4 | **BHA #** : 4 | **Motor Run #** : 2
Depth In/Out : 2497 / 2741 *m* | **Date In/Out** : 31/08/2005 / 3/09/2005 | **Hole Size** : 12.250 *in*
Application Details : Steerable Drilling

MOTOR CONFIGURATION



	From Bit *(m)*	Component		Type	Diam In/Out *(in)*
1	1.27	Sleeve Stab/Pad	Yes	Stab: 4 I 0°	12.000 12.000
2	2.61	Bent Housing	Yes	Adjustable: 1.15° bend	
3		Housing Tool Used	No		
4	8.85	Stator Elastomer	Nitrile	Stator: Oversized	
5		Bent Sub / 2nd Bent Hsg	No		
6	14.57	Lower String Stab	Yes	Stab: 3 I 270°	11.500 11.500
7	29.73	Upper String Stab	Yes	Stab: 3 I 270°	11.750 11.750

Additional Features :
Flex Collar : No | **Short Brg Pack** : No | **Rtr Noz / Size** : */32's*
Brg Cfg (Off/On) : | **Lobe Cfg** : 6/7 | **BHA OD/ID** : 8.000 / 3.000 *in*

	Arr	Ret
Pick Up Sub	No	No
Bit Box Protr	No	No

MOTOR RUN DATA

Max Dogleg While Rotating : 2.70 *°/30m* | **RPM** : 120 | **Motor Stalled** : Yes | **Prev Job/Well Hrs** : 0.00
Max Dogleg Overpulled In : 2.70 *°/30m* | **Force** : 1200 *lbf* | **Float Valve** : Yes | **Drilling Hrs** : 51.00
Max Dogleg Pushed Through : 2.70 *°/30m* | **Force** : 1200 *lbf* | **DP Filter** : No | **Circ Hrs** : 4.50
Hole Azimuth Start / End : 340.74° / 180.16° | **Inc Start / End** : 2.11° / 12.15° | **Reaming Hrs** : 1.00
Interval Oriented / Rot. : 206 / 38 *m* | **Directional Perf Ori / Rot** : 2.00 / 1.82 *°/30m* | **Total Hrs This Run** : 56.50
Jarring Occured : Yes | **New Cumulative Hrs** : 56.50

	Diff Press *(psi)*	Str RPM	Rotn Torque *(ft-lbs)*	Drag Up/Dn *(lbf)*	WOB *(klbs)*	ROP Oriented *(m/hr)*	ROP Rotated *(m/hr)*
Avg	160	107	4750	2000 / 2000	29	5	5
Max	350	110	5000	15000 / 12000	35	12	12

PRE-RUN TESTS

Motor Tested Pre-Run : Yes | **with** : 2 Collars, Bit, MWD
Dump Sub Operating : N/A | **Brg Play** : 2.0 *mm*
Flow 1 : 810 *gpm* | **Pressure 1** : 1300 *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes

POST-RUN TESTS

Motor Tested Post-Run : No | **with** :
Dump Sub Operating : N/A | **Brg Play** : 4.0 *mm*
Flow 1 : *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes
Driveshaft Rotated to Drain Mud : Yes
Fluid Flushed : Yes | **Fluid Used** : Water

MUD DATA

Base : Water | **Additives** : | **Mud Wt** : 1.20 *sg* | **SPP Start/End** : 3400 / 3350 *psi*
% Oil/Water : / | **% Solids** : 10.00 | **% Sand** : 0.50 | **PV** : 19 *cp* | **YP** : 41.0 *lbf/100ft²* | **pH** : 9.5
DH Temp Avg/Max : 61.4 / 61.4 | **FlowRate Avg/Max** : 890 / 900 *gpm* | **Chloride Content** : 36000 *ppm*
Principle Formation Name(s) : Base Tuna/Flounder | **Lithology** : Sst

BIT DATA

Make : Smith | **Type** : GFS10B | **Serial #** : MR6231
Pre Existing Hours From Other Wells:
Prev Drilling Hrs : 0.00 | **Prev Reaming Hrs** : 0.00 | **No of Runs This Bit** : 1
Jet Sizes */32's)* : 4x20 | **TFA** : 1.227 *in²* | **Gage Length** : *in*

Dull Grade	1	2	3	4	5	6	7	8
In								NEW
Out	4	4	WT	G	E	2	BT	BHA

PERFORMANCE COMMENTS

Problem Perceived : No | **Problem Date** : | **Service Interrupt** : No | **Service Interrupt Hrs** :
Performance Motor : Yes | **Tandem Motor** : No | **LIH** : No | **PPR Ref #** :

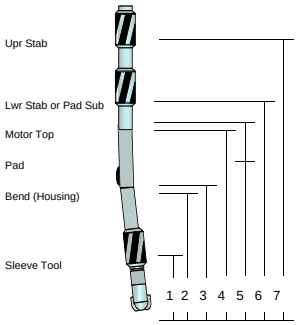
Customer Representative's Signature (optional) : ..... **Date:** .....

MOTOR PERFORMANCE REPORT

M-AU-DD-0003704943-5

Motor Serial # : 963271 | **Job #** : AU-DD-0003704943
Directional Driller(s) : Gavin Meikle, Broe & Richard | **Client** : Anzon Australia Ltd.
Location : Gippsland Basin | **Rig** : Ocean Patriot
Well Name : Basker #2 | **Bit Run #** : 5 | **BHA #** : 5 | **Motor Run #** : 3
Depth In/Out : 2741 / 2956 *m* | **Date In/Out** : 3/09/2005 / 6/09/2005 | **Hole Size** : 12.250 *in*
Application Details : Steerable Drilling

MOTOR CONFIGURATION



	From Bit *(m)*	Component		Type	Diam In/Out *(in)*
1	1.25	Sleeve Stab/Pad	Yes	Stab: 4 I 0°	12.000 12.000
2	2.59	Bent Housing	Yes	Adjustable: 1.50° bend	
3		Housing Tool Used	No		
4	8.83	Stator Elastomer	Nitrile	Stator: Oversized	
5		Bent Sub / 2nd Bent Hsg	No		
6	23.91	Lower String Stab	Yes	Stab: 3 I 270°	11.750 11.750
7		Upper String Stab	No		

Additional Features :
Flex Collar : No | **Short Brg Pack** : No | **Rtr Noz / Size** : */32's*
Brg Cfg (Off/On) : | **Lobe Cfg** : 6/7 | **BHA OD/ID** : 8.000 / 3.000 *in*

	Arr	Ret
Pick Up Sub	No	No
Bit Box Protr	Yes	Yes

MOTOR RUN DATA

Max Dogleg While Rotating : 5.19 *°/30m* | **RPM** : 80 | **Motor Stalled** : No | **Prev Job/Well Hrs** : 56.50
Max Dogleg Overpulled In : 5.19 *°/30m* | **Force** : 1500 *lbf* | **Float Valve** : Yes | **Drilling Hrs** : 33.17
Max Dogleg Pushed Through : 5.19 *°/30m* | **Force** : 1500 *lbf* | **DP Filter** : No | **Circ Hrs** : 1.98
Hole Azimuth Start / End : 180.16° / 180.57° | **Inc Start / End** : 12.15° / 29.48° | **Reaming Hrs** : 1.49
Interval Oriented / Rot. : 119 / 96 *m* | **Directional Perf Ori / Rot** : 4.80 / 0.48 *°/30m* | **Total Hrs This Run** : 36.63
Jarring Occured : No | **New Cumulative Hrs** : 93.13

	Diff Press *(psi)*	Str RPM	Rotn Torque *(ft-lbs)*	Drag Up/Dn *(lbf)*	WOB *(klbs)*	ROP Oriented *(m/hr)*	ROP Rotated *(m/hr)*
Avg	140	89	5000	3000 / 3000	32	4	9
Max	250	100	5000	5000 / 5000	35	8	20

PRE-RUN TESTS

Motor Tested Pre-Run : No | **with** :
Dump Sub Operating : N/A | **Brg Play** : 3.0 *mm*
Flow 1 : *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : No
Bearing Leakage Observed : No

POST-RUN TESTS

Motor Tested Post-Run : No | **with** :
Dump Sub Operating : N/A | **Brg Play** : 3.0 *mm*
Flow 1 : *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes
Driveshaft Rotated to Drain Mud : Yes
Fluid Flushed : Yes | **Fluid Used** : Water

MUD DATA

Base : Water | **Additives** : | **Mud Wt** : 1.20 *sg* | **SPP Start/End** : 3600 / 3800 *psi*
% Oil/Water : / | **% Solids** : 10.00 | **% Sand** : 0.50 | **PV** : 19 *cp* | **YP** : 45.0 *lbf/100ft²* | **pH** : 8.8
DH Temp Avg/Max : / | **FlowRate Avg/Max** : 888 / 900 *gpm* | **Chloride Content** : 38000 *ppm*
Principle Formation Name(s) : Base Tuna/Flounder | **Lithology** : Sst

BIT DATA

Make : Hughes | **Type** : MXC09H | **Serial #** : 6029759
Pre Existing Hours From Other Wells:
Prev Drilling Hrs : 0.00 | **Prev Reaming Hrs** : 0.00 | **No of Runs This Bit** : 1
Jet Sizes */32's)* : 3x20, 1x18 | **TFA** : 1.169 *in²* | **Gage Length** : *in*

Dull Grade	1	2	3	4	5	6	7	8
In								NEW
Out	2	3	BT	O	E	1	WT	TD

PERFORMANCE COMMENTS

Problem Perceived : No | **Problem Date** : | **Service Interrupt** : No | **Service Interrupt Hrs** :
Performance Motor : Yes | **Tandem Motor** : No | **LIH** : No | **PPR Ref #** :

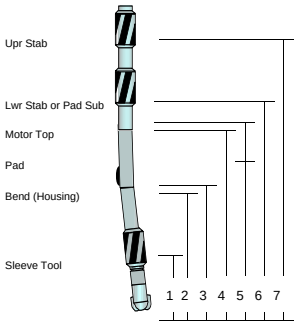
Customer Representative's Signature (optional) : ..... **Date:** .....

MOTOR PERFORMANCE REPORT

M-AU-DD-0003704943-6

Motor Serial # : 700021 | **Job #** : AU-DD-0003704943
Directional Driller(s) : Gavin Meikle, Broe & Richard | **Client** : Anzon Australia Ltd.
Location : Gippsland Basin | **Rig** : Ocean Patriot
Well Name : Basker #2 | **Bit Run #** : 6 | **BHA #** : 6 | **Motor Run #** : 4
Depth In/Out : 2956 / 3310 *m* | **Date In/Out** : 7/09/2005 / 10/09/2005 | **Hole Size** : 8.500 *in*
Application Details : Steerable Drilling

MOTOR CONFIGURATION



	From Bit *(m)*	Component		Type	Diam In/Out *(in)*
1	0.90	Sleeve Stab/Pad	Yes	Stab: 4 I 0°	8.250 8.250
2	2.10	Bent Housing	Yes	Adjustable: 0.92° bend	
3		Housing Tool Used	No		
4	7.94	Stator Elastomer	Nitrile	Stator: Oversized	
5		Bent Sub / 2nd Bent Hsg	No		
6	10.49	Lower String Stab	Yes	Stab: AGS	7.875
7	25.73	Upper String Stab	Yes	Stab: 3 I 180°	8.250 8.250

Additional Features :
Flex Collar : No | **Short Brg Pack** : Yes | **Rtr Noz / Size** : */32's*
Brg Cfg (Off/On) : | **Lobe Cfg** : 7/8 | **BHA OD/ID** : 6.500 / 2.875 *in*

	Arr	Ret
Pick Up Sub	No	No
Bit Box Protr	Yes	No

MOTOR RUN DATA

Max Dogleg While Rotating : 0.98 *°/30m* | **RPM** : 100 | **Motor Stalled** : No | **Prev Job/Well Hrs** : 0.00
Max Dogleg Overpulled In : 0.98 *°/30m* | **Force** : 2000 *lbf* | **Float Valve** : Yes | **Drilling Hrs** : 24.20
Max Dogleg Pushed Through : 0.98 *°/30m* | **Force** : 2000 *lbf* | **DP Filter** : No | **Circ Hrs** : 1.32
Hole Azimuth Start / End : 180.57° / 170.41° | **Inc Start / End** : 29.48° / 26.06° | **Reaming Hrs** : 2.64
Interval Oriented / Rot. : 18 / 336 *m* | **Directional Perf Ori / Rot** : 0.90 / 0.93 *°/30m* | **Total Hrs This Run** : 28.16
Jarring Occured : No | **New Cumulative Hrs** : 28.16

	Diff Press *(psi)*	Str RPM	Rotn Torque *(ft-lbs)*	Drag Up/Dn *(lbf)*	WOB *(klbs)*	ROP Oriented *(m/hr)*	ROP Rotated *(m/hr)*
Avg	483	102	14000	5000 / 5000	16	2	15
Max	750	140	19000	15000 / 15000	25	7	91

PRE-RUN TESTS

Motor Tested Pre-Run : Yes | **with** : 2 Collars, Bit, MWD
Dump Sub Operating : N/A | **Brg Play** : 2.0 *mm*
Flow 1 : 600 *gpm* | **Pressure 1** : 1450 *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : No

POST-RUN TESTS

Motor Tested Post-Run : No | **with** :
Dump Sub Operating : N/A | **Brg Play** : 4.0 *mm*
Flow 1 : *gpm* | **Pressure 1** : *psi*
Flow 2 : *gpm* | **Pressure 2** : *psi*
Driveshaft Rotation Observed : Yes
Bearing Leakage Observed : Yes
Driveshaft Rotated to Drain Mud : Yes
Fluid Flushed : Yes | **Fluid Used** : Water

MUD DATA

Base : Water | **Additives** : | **Mud Wt** : 1.13 *sg* | **SPP Start/End** : 3100 / 3600 *psi*
% Oil/Water : / | **% Solids** : 7.00 | **% Sand** : 0.50 | **PV** : 16 *cp* | **YP** : 36.0 *lbf/100ft²* | **pH** : 8.2
DH Temp Avg/Max : 79.4 / 79.4 | **FlowRate Avg/Max** : 680 / 700 *gpm* | **Chloride Content** : 39000 *ppm*
Principle Formation Name(s) : Base Tuna/Flounder | **Lithology** : Sst

BIT DATA

Make : Security DBS | **Type** : FM3743 | **Serial #** : 10732618
Pre Existing Hours From Other Wells: 0
Prev Drilling Hrs : 0.00 | **Prev Reaming Hrs** : 0.00 | **No of Runs This Bit** : 1
Jet Sizes *(/32's)* : 4x13, 2x16 | **TFA** : 0.911 *in²* | **Gage Length** : 0.200 *in*

Dull Grade	1	2	3	4	5	6	7	8
In								NEW
Out	1	4	CT	S	X	1	WT	WO

PERFORMANCE COMMENTS

Problem Perceived : No | **Problem Date** : | **Service Interrupt** : No | **Service Interrupt Hrs** :
Performance Motor : Yes | **Tandem Motor** : No | **LIH** : No | **PPR Ref #** :

Customer Representative's Signature (optional) : ..... **Date:** .....

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 1 19/08/2005

Total Depth	**(m)**	:	1006	**Casing Depth**	**(m)**	: 1000.10	**Operator Reps**	: Wally Westman, Simon Rodda
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	: 13.375	**SSDS Reps**	: Tony O'Loughlin (1), Gavin Meikle (1)
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	: 12.347		

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
990.30	0.10	275.80	990.30	0.69	S69.42E

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (0.46 hrs), PDM #1 (2.3 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.05	55	14	20.0	1.0 / 1.0	16	9.5	7.00	0.00	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	10:30	10.50	1006.00		No Activity
10:30	12:00	1.50	1006.00		POOH wireline tools - surface failure
12:00	13:00	1.00	1006.00		L/D 9" DC's
13:00	15:00	2.00	1006.00		M/U steerable 12 1/4" BHA, check bend & scribe motor
15:00	16:00	1.00	1006.00		Test & load MWD
16:00	18:00	2.00	1006.00	3	Cont M/U BHA
18:00	20:00	2.00	1006.00	3	RIH to 344 m
20:00	21:30	1.50	1006.00	3	POOH to 200 m
21:30	22:30	1.00	1006.00	3	M/U storm hanger
22:30	00:00	1.50	1006.00	3	Cont RIH. Tested MWD - OK

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 2 20/08/2005

Total Depth	**(m)**	:	1539	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	533	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Tony O'Loughlin (2), Gavin Meikle (2)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
1524.52	0.62	322.85	1524.51	2.71	N28.78W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (15.18 hrs), PDM #1 (17.94 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.05	55	14	20.0	1.0 / 1.0	16	9.5	7.00	0.00	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	01:00	1.00	1006.00	3	Simulated well control
01:00	03:30	2.50	1006.00	3	Cont RIH P/U 5" DP to 889m
03:30	04:00	0.50	1006.00	3	RIH to TOC @ 982 m
04:00	06:30	2.50	1006.00	3	Drill cement, plugs & float. Displace to 8.47 sg mud
06:30	07:00	0.50	1008.00	3	Drill 3 m new fmn for LOT
07:00	07:30	0.50	1008.00	3	POOH into shoe & LOT to 12.5 sg EMW
07:30	08:00	0.50	1008.00	3	Take SCR's
08:00	00:00	16.00	1539.00	3	Drill & survey 12 1/4" hole 1008 - 1539m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 3 21/08/2005

Total Depth	**(m)**	:	1893	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	354	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Tony O'Loughlin (3), Gavin Meikle (3)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
1868.40	1.33	345.60	1868.33	8.59	N21.02W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Lakes entrance	1755.00	1754.96

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (27.14 hrs), PDM #1 (31.28 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	05:00	5.00	1689.00	3	Drill & survey 12 1/4" hole 1539 - 1689m
05:00	06:30	1.50	1689.00	3	Circulate hole clean, flow check & slug pipe
06:30	14:30	8.00	1689.00	3	POOH & the single in hole
14:30	16:00	1.50	1689.00	3	RIH & tag bottom, no fill
16:00	00:00	8.00	1893.00	3	Drill & survey 12 1/4" hole 1689 - 1893m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS **Report #** 4 22/08/2005

Total Depth	**(m)**	:	2438	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	545	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Tony O'Loughlin (4), Gavin Meikle (4)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2413.64	2.13	341.03	2413.34	24.19	N22.27W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (49.22 hrs), PDM #1 (53.36 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:00	24.00	2438.00	3	Rotary drill & slide 12 1/4" Hole 1893 - 2438m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 5 23/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	59	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Tony O'Loughlin (5), Gavin Meikle (5)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	05:00	5.00	2497.00	3	Drill & survey 12 1/4" hole 2438 - 2497m, TD of the run
05:00	10:30	5.50	2497.00	3	POOH to 200m
10:30	19:00	8.50	2497.00	3	Pulled stabiliser into pipe rams - stuck, O/P 710 Klbs. Unable to free
19:00	20:00	1.00	2497.00	3	Pressure test wellbore & surface test - OK
20:00	20:30	0.50	2497.00	3	Deballast to 22m
20:30	21:30	1.00	2497.00	3	Check pressures thru C&K - no tools across middle pipe rams
21:30	22:00	0.50	2497.00	3	Function middle pipe ram - surface indicators showed no movement
22:00	22:30	0.50	2497.00	3	P/U 8" DC & hammer 5" DP elevators free f/ tool joint
22:30	00:00	1.50	2497.00	3	L/O HWDP & P/U 500 T bails

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS **Report #** 6 24/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	: 1000.10	**Operator Reps**	: Wally Westman, Simon Rodda
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	: 13.375	**SSDS Reps**	: Tony O'Loughlin (6), Gavin Meikle (6)
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	: 12.347		

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	01:00	1.00	2497.00	3	M/U bumper sub & 8" DC's
01:00	03:00	2.00	2497.00	3	Attempt to hammer down - mandrel not closing, lube same
03:00	09:00	6.00	2497.00	3	Jar down on string
09:00	10:00	1.00	2497.00	3	Observe BOP's w/ ROV
10:00	13:00	3.00	2497.00	3	Cont jarring
13:00	13:30	0.50	2497.00	3	L/O DC's & bumper sub
13:30	21:00	7.50	2497.00	3	R/U & run wireline string shot to bottom of HWDP
21:00	21:30	0.50	2497.00	3	Apply 18 K trq & fire shot - backed off OK - POOH wireline
21:30	22:00	0.50	2497.00	3	R/D wireline
22:00	23:00	1.00	2497.00	3	POOH to HWDP & inspect - OK
23:00	00:00	1.00	2497.00	3	Ballast rig to 23.5m, cont rig down wireline

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 7 25/08/2005

Total Depth	**(m)**	: 2497	**Casing Depth**	**(m)**	: 1000.10	**Operator Reps**	: Wally Westman, Simon Rodda
Drilled last 24 hrs	**(m)**	: 0	**Casing Diameter**	**(in)**	: 13.375	**SSDS Reps**	: Gavin Meikle (7)
Hole Size	**(in)**	: 12.250	**Casing ID**	**(in)**	: 12.347		

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	05:00	5.00	2497.00	3	M/U fishing assy skirted sub, 4 x 9.5" DC, 6 x 8" DC
05:00	06:00	1.00	2497.00	3	Tag & engage fish w/ 18 K trq, 50 K O/Pull. jar down until fish free
06:00	07:30	1.50	2497.00	3	RIH w/ faish to space out HWDP
07:30	09:30	2.00	2497.00	3	Tag abstruction RIH @ original stuck depth 169 m, pull back & confirm depth
09:30	10:00	0.50	2497.00	3	Space out 8" DC's and function rams
10:00	14:30	4.50	2497.00	3	POOH. L/O MWD & motor
14:30	16:00	1.50	2497.00	3	L/O fishing assembly
16:00	21:00	5.00	2497.00	3	RIH w/ RTTS & test rams
21:00	22:00	1.00	2497.00	3	Displace C&K lines
22:00	22:30	0.50	2497.00	3	POOH
22:30	00:00	1.50	2497.00	3	R/U to pull riser

COMMENTS

Tony O'Loughlin OFF location, NO relief

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 8 26/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Gavin Meikle (8)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	15:00	15.00	2497.00	3	Pull BOP's
15:00	16:00	1.00	2497.00	3	Open pipe ram bonnets
16:00	00:00	8.00	2497.00	3	Inspect & repair pipe rams

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 9 27/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Gavin Meikle (9)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:00	24.00	2497.00	3	Repair & test BOP's

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 10 28/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Gavin Meikle (10)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:00	24.00	2497.00	3	Repair BOP's

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 11 29/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally Westman, Simon Rodda
SSDS Reps : Gavin Meikle (11)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	21:30	21.50	2497.00	3	Repair BOP's
21:30	00:00	2.50	2497.00	3	R/U & run BOP's

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 12 30/08/2005

Total Depth	**(m)**	:	2497	**Casing Depth**	**(m)** :	1000.10	**Operator Reps** : Wally Westman, Simon Rodda
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)** :	13.375	**SSDS Reps** : Gavin Meikle (12)
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)** :	12.347	

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2472.22	2.07	337.28	2471.89	26.29	N22.24W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/PHPA/Glcol	1.20	49	13	26.0	8.0 / 12.0	5	8.9	10.00	0.25	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	13:30	13.50	2497.00	3	Run BOP's, land same
13:30	16:00	2.50	2497.00	3	Cavity test BOP's, L/O test tool
16:00	18:30	2.50	2497.00	3	P/U 11 1/2" stab, bumper sub & RTTS stinger. RIH to 273 m
18:30	19:00	0.50	2497.00	3	Displace riser, choke & kill & booster lines w/ 10 ppg mud
19:00	20:00	1.00	2497.00	3	Engage & unseat packer, circ to check for gas - OK
20:00	22:30	2.50	2497.00	3	POOh & L/O assembly
22:30	00:00	1.50	2497.00	3	POOH & rack DP below packer

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 13 31/08/2005

Total Depth	**(m)**	:	2575	**Casing Depth**	**(m)** :	1000.10	**Operator Reps** : Ron King, Simon Rodda
Drilled last 24 hrs	**(m)**	:	78	**Casing Diameter**	**(in)** :	13.375	**SSDS Reps** : Gavin Meikle (13), Broe & Richard (1)
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)** :	12.347	

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2557.34	0.87	264.89	2556.97	28.47	N22.93W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 3: 200.16 m; Bit #3 (53.82 hrs), PDM #1 (57.96 hrs), Stab, Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP
BHA 4: 202.81 m; Bit #4 (12. hrs), PDM #2 (13. hrs), Sub, Pony, Stab, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	62	19	37.0	11.0 / 15.0	4	9.3	10.00	0.51	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:30	0.50	2497.00	3	Cont POOh w/ 5" DP, rack same
00:30	03:30	3.00	2497.00	3	M/U steerable 12 1/4" BHA, test & load MWD, orient motor
03:30	07:00	3.50	2497.00	4	RIH to 1000m, test MWD & motor - OK
07:00	11:00	4.00	2497.00	4	RIH to 2497m
11:00	12:00	1.00	2497.00	4	Circulate & condition mud, take SCR's
12:00	00:00	12.00	2575.00	4	Drill & survey 12 1/4" hole 2497 - 2575m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 14 1/09/2005

Total Depth	**(m)**	:	2665	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	90	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Wally / Ron, Simon Rodda
SSDS Reps : Gavin Meikle (14), Broe & Richard (2)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2643.41	6.45	190.09	2642.88	25.12	N28.91W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 4: 202.81 m; Bit #4 (33. hrs), PDM #2 (37. hrs), Sub, Pony, Stab, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	62	19	37.0	11.0 / 15.0	4	9.3	10.00	0.51	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	08:30	8.50	2619.00	4	Drill and survey 12 1/4" hole 2575 - 2619m
08:30	10:30	2.00	2619.00	4	Circulate @ 2619m and repair pump blower fan
10:30	15:00	4.50	2632.00	4	Drill and survey 12 1/4" hole 2619 - 2632m
15:00	16:00	1.00	2632.00	4	Circulate, Change piston on mud pump #1
16:00	23:30	7.50	2665.00	4	Drill and survey 12 1/4" hole from 2632 - 2665m
23:30	00:00	0.50	2665.00	4	Work tight hole f/2665 - 2642 m, max O/P 70k

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 15 2/09/2005

Total Depth	**(m)**	:	2741	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	76	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Ron King, Simon Rodda
SSDS Reps : Gavin Meikle (15), Broe & Richard (3)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2728.71	10.88	181.90	2727.24	16.32	N54.10W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 4: 202.81 m; Bit #4 (52. hrs), PDM #2 (56.5 hrs), Sub, Pony, Stab, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	66	19	41.0	11.0 / 15.0	5	9.5	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:30	0.50	2665.00	4	Wash & ream 2665 - 2642m. Off btm trq 5K
00:30	19:00	18.50	2741.00	4	Drill & survey 12 1/4" hole 2665 - 2741m, TD of the run
19:00	19:30	0.50	2741.00	4	Circulate hole & boost riser
19:30	00:00	4.50	2741.00	4	POOH

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 16 3/09/2005

Total Depth	**(m)**	:	2741	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Ron King, Simon Rodda
SSDS Reps : Gavin Meikle (16), Broe & Richard (4)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2728.71	10.88	181.90	2727.24	16.32	N54.10W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 4: 202.81 m; Bit #4 (52. hrs), PDM #2 (56.5 hrs), Sub, Pony, Stab, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP
BHA 5: 196.72 m; Bit #5 (1.49 hrs), PDM #3 (57.99 hrs), Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	66	19	41.0	11.0 / 15.0	5	9.5	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	02:30	2.50	2741.00	4	Pull out of hole
02:30	04:00	1.50	2741.00	4	Rack back 12.25" BHA and download MWD
04:00	06:30	2.50	2741.00	4	M/U Casing hanger / plug launcher and rack back same
06:30	19:00	12.50	2741.00	4	Wireline Logs
19:00	19:30	0.50	2741.00	4	Upload MWD
19:30	22:00	2.50	2741.00	5	Pick up 12.25" BHA and remove motor top stab and pony
22:00	00:00	2.00	2741.00	5	Run in hole, shallow test MWD - OK

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 17 4/09/2005

Total Depth	**(m)**	:	2845	**Casing Depth**	**(m)**	:	1000.10
Drilled last 24 hrs	**(m)**	:	104	**Casing Diameter**	**(in)**	:	13.375
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	12.347

Operator Reps : Ron King, Simon Rodda
SSDS Reps : Gavin Meikle (17), Broe & Richard (5)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2844.32	19.56	181.05	2838.63	25.07	S32.90W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 5: 196.72 m; Bit #5 (15.84 hrs), PDM #3 (72.34 hrs), Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	65	19	45.0	12.0 / 18.0	4	8.8	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	01:00	1.00	2741.00	5	Cont run in hole to 1,000m
01:00	01:30	0.50	2741.00	5	Service TDS and block
01:30	07:00	5.50	2741.00	5	Continue run in hole to 2628m
07:00	08:30	1.50	2741.00	5	Wash and ream down to 2741m
08:30	09:30	1.00	2741.00	5	Cycle pumps for MWD
09:30	00:00	14.50	2845.00	5	Drill and slide 2741 - 2845m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 18 5/09/2005

Total Depth	**(m)**	:	2956	**Casing Depth**	**(m)** :	2944.90	**Operator Reps** : Ron King, Simon Rodda
Drilled last 24 hrs	**(m)**	:	111	**Casing Diameter**	**(in)** :	9.625	**SSDS Reps** : Gavin Meikle (18), Broe & Richard (6)
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)** :	8.660	

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2930.71	28.88	180.28	2916.36	60.20	S13.74W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 5: 196.72 m; Bit #5 (34.65 hrs), PDM #3 (93.13 hrs), Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	65	19	45.0	12.0 / 18.0	4	8.8	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	19:00	19.00	2956.00	5	Drill and Slide 2845 - 2956m
19:00	21:00	2.00	2956.00	5	Circulate B/U, flow check
21:00	00:00	3.00	2956.00	5	POOH 2956 - 2349m

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 19 6/09/2005

Total Depth	**(m)**	:	2956	**Casing Depth**	**(m)**	:	2944.90
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	9.625
Hole Size	**(in)**	:	12.250	**Casing ID**	**(in)**	:	8.660

Operator Reps : Ron King, Simon Rodda
SSDS Reps : Gavin Meikle (19), Broe & Richard (7)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2930.71	28.88	180.28	2916.36	60.20	S13.74W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 5: 196.72 m; Bit #5 (34.65 hrs), PDM #3 (93.13 hrs), Sub, MWD, MWD, MWD, Stab, 2x DC, Jar, Pony, Sub, 15x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	65	19	45.0	12.0 / 18.0	4	8.8	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	07:30	7.50	2956.00	5	POOH f/2349m to surface, rack back BHA
07:30	08:00	0.50	2956.00	5	Download MWD data and break off bit
08:00	09:00	1.00	2956.00		M/U jet sub and wear bushing RT and RIH to 172m
09:00	09:30	0.50	2956.00		Jet BOPs, land and latch wear bushing, jet wellhead
09:30	10:30	1.00	2956.00		POOH w/wear bushing from 172m, L/D jet sub, wear bushing RT and wear bushing
10:30	00:00	13.50	2956.00		Rig up and run 9 5/8" casing

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 20 7/09/2005

Total Depth	**(m)**	:	2956	**Casing Depth**	**(m)**	:	2944.90
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)**	:	9.625
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)**	:	8.660

Operator Reps : Ron King, Simon/John
SSDS Reps : Gavin Meikle (20), Broe & Richard (8)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
2930.71	28.88	180.28	2916.36	60.20	S13.74W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 6: 220.61 m; Bit #6 (0.44 hrs), PDM #4 (0.44 hrs), Sub, AGS, MWD, MWD, MWD, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.20	65	19	45.0	12.0 / 18.0	4	8.8	10.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	09:30	9.50	2956.00		Cont to run 9 5/8" to 2944m
09:30	17:00	7.50	2956.00		R/U to perform cement job as per client
17:00	18:30	1.50	2956.00		Run wear bushings
18:30	19:30	1.00	2956.00		Function test BOP's
19:30	20:30	1.00	2956.00		POOH w/ WBRT
20:30	23:30	3.00	2956.00		L/O 12 1/4" BHA
23:30	00:00	0.50	2956.00	6	P/U steerable 8 1/2" BHA w/ 7" PDM, AGS & MWD

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 21 8/09/2005

Total Depth	**(m)**	:	3119	**Casing Depth**	**(m)**	:	2944.90
Drilled last 24 hrs	**(m)**	:	163	**Casing Diameter**	**(in)**	:	9.625
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)**	:	8.660

Operator Reps : Ron King, John Wrenn
SSDS Reps : Gavin Meikle (21), Broe Coppin (1)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3095.28	28.69	178.54	3059.84	139.73	S05.66W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 6: 220.61 m; Bit #6 (11. hrs), PDM #4 (11. hrs), Sub, AGS, MWD, MWD, MWD, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.12	59	14	28.0	7.0 / 10.0	5	8.6	8.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	02:00	2.00	2956.00	6	Cont M/U 8 1/2" BHA, function PDM & AGS, set bend to 0.93 deg.
02:00	03:00	1.00	2956.00	6	Change CIM kemlon, orient PDM to MWD
03:00	05:00	2.00	2956.00	6	RIH to 220m, test MWD - OK
05:00	06:00	1.00	2956.00	6	Single in to 393m
06:00	10:30	4.50	2956.00	6	Cont RIH to 2861m
10:30	11:00	0.50	2956.00	6	Wash & ream 2861 - 2918m, top of plugs
11:00	15:00	4.00	2959.00	6	Drill plugs, float & shoe, clean rathole. Drill 3 metres fmn
15:00	16:00	1.00	2959.00	6	Perform FIT to 13.1 ppg
16:00	00:00	8.00	3119.00	6	Drill & survey 8 1/2" hole 2959 - 3119m w/ steerable AGS BHA

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 22 9/09/2005

Total Depth	**(m)**	:	3310	**Casing Depth**	**(m)**	:	2944.90
Drilled last 24 hrs	**(m)**	:	191	**Casing Diameter**	**(in)**	:	9.625
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)**	:	8.660

Operator Reps : Ron King, John Wrenn
SSDS Reps : Gavin Meikle (22), Broe Coppin (2)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3307.72	26.06	170.42	3249.06	235.06	S01.02W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 6: 220.61 m; Bit #6 (26.84 hrs), PDM #4 (28.16 hrs), Sub, AGS, MWD, MWD, MWD, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.13	58	16	36.0	11.0 / 15.0	5	8.2	7.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	01:00	1.00	3158.00	6	Drill & survey 8 1/2" hole 3119 - 3158m
01:00	01:30	0.50	3158.00	6	Circulate & work pipe over a single
01:30	04:00	2.50	3158.00	6	Backream to the shoe
04:00	05:00	1.00	3158.00	6	Circulate bottoms up
05:00	19:30	14.50	3310.00	6	Drill 7 survey 8 1/2" hole 3158 - 3310m, TD of the run
19:30	00:00	4.50	3310.00	6	Flow check then POOH

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 23 10/09/2005

Total Depth	**(m)**	:	3350	**Casing Depth**	**(m)** :	2944.90	**Operator Reps** : Ron King, John Wrenn
Drilled last 24 hrs	**(m)**	:	40	**Casing Diameter**	**(in)** :	9.625	**SSDS Reps** : Gavin Meikle (23), Broe Coppin (3)
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)** :	8.660	

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3307.72	26.06	170.42	3249.06	235.06	S01.02W

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 6: 220.61 m; Bit #6 (26.84 hrs), PDM #4 (28.16 hrs), Sub, AGS, MWD, MWD, MWD, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP
BHA 7: 222.56 m; Bit #7 (8. hrs), Sub, Stab, MWD, MWD, MWD, Stab, 1x DC, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.13	58	16	36.0	11.0 / 15.0	5	8.2	7.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	01:00	1.00	3310.00	6	Cont POOH, found washout @ 43 stands above BHA
01:00	04:00	3.00	3310.00	6	Cont POOH to BHA, flow check @ BOP's - OK
04:00	06:00	2.00	3310.00	6	Lay down 8 1/2" BHA
06:00	08:30	2.50	3310.00	6	Pickup 8 1/2" rotary BHA
08:30	13:30	5.00	3310.00	7	Trip in hole to 2920m
13:30	15:00	1.50	3310.00	7	Slip and Cut Drill Line
15:00	16:00	1.00	3310.00	7	Trip In to 3263m
16:00	16:30	0.50	3310.00	7	Reaming / Washing down to 3310m and MWD log same
16:30	00:00	7.50	3350.00	7	Drilling 3310 - 3350m.

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS Report # 24 11/09/2005

Total Depth	**(m)**	:	3414	**Casing Depth**	**(m)**	:	2944.90
Drilled last 24 hrs	**(m)**	:	64	**Casing Diameter**	**(in)**	:	9.625
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)**	:	8.660

Operator Reps : Ron King, John Wrenn
SSDS Reps : Gavin Meikle (24), Broe Coppin (4)

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3414.00	25.96	170.31	3344.60	280.93	S00.75E

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 7: 222.56 m; Bit #7 (22. hrs), Sub, Stab, MWD, MWD, MWD, Stab, 1x DC, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.12	57	15	32.0	10.0 / 13.0	5	8.3	8.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	14:00	14.00	3414.00	7	Drilling 3350 - 3414m, TD of the well
14:00	15:30	1.50	3414.00	7	Circulate bottoms up prior to tripping out of hole
15:30	21:30	6.00	3414.00	7	POOH to BHA
21:30	23:30	2.00	3414.00	7	L/O 8 1/2" BHA
23:30	00:00	0.50	3414.00	7	R/U & run wireline

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS **Report #** 25 12/09/2005

Total Depth	**(m)**	: 3414	**Casing Depth**	**(m)**	: 2944.90	**Operator Reps**	: Ron King, John Wrenn
Drilled last 24 hrs	**(m)**	: 0	**Casing Diameter**	**(in)**	: 9.625	**SSDS Reps**	: Gavin Meikle (25), Broe Coppin (5)
Hole Size	**(in)**	: 8.500	**Casing ID**	**(in)**	: 8.660		

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3414.00	25.96	170.31	3344.60	280.93	S00.75E

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 7: 222.56 m; Bit #7 (22. hrs), Sub, Stab, MWD, MWD, MWD, Stab, 1x DC, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.12	57	15	32.0	10.0 / 13.0	5	8.3	8.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:00	24.00	3414.00	7	Wireline Logs

COMMENTS

sperry-sun
DRILLING SERVICES

Daily Drilling Report

Client : Anzon Australia Ltd.
Well Name : Basker #2
Field : Basker
Location : Gippsland Basin
Rig : Ocean Patriot
Job # : AU-DD-0003704943

CURRENT STATUS **Report #** 26 13/09/2005

Total Depth	**(m)**	:	3414	**Casing Depth**	**(m)** :	2944.90	**Operator Reps** : Ron King, John Wrenn
Drilled last 24 hrs	**(m)**	:	0	**Casing Diameter**	**(in)** :	9.625	**SSDS Reps** : Gavin Meikle (26), Broe Coppin (6)
Hole Size	**(in)**	:	8.500	**Casing ID**	**(in)** :	8.660	

LAST SURVEY

Depth (m)	Inclination	Azimuth	TVD (m)	Displ (m)	Direction
3414.00	25.96	170.31	3344.60	280.93	S00.75E

LAST FORMATION TOP

Formation Name	MD Top (m)	TVD Top (m)
Base Tuna/Flounder	2163.00	2162.83

BHA SUMMARY

BHA 7: 222.56 m; Bit #7 (22. hrs), Sub, Stab, MWD, MWD, MWD, Stab, 1x DC, Stab, 2x DC, 12x HWDP, Jar, 6x HWDP

MUD DATA

Type	Weight (sg)	FV (sec)	PV (cp)	YP (lbf/100ft²)	Gels	Fluid Loss	pH	Solids (%)	Sand (%)	Oil (%)
KCl/Polymer	1.12	57	15	32.0	10.0 / 13.0	5	8.3	8.00	0.50	

TIME BREAKDOWN

From	To	Hours	TMD (m)	BHA #	Activity
00:00	00:00	24.00	3414.00	7	Wireline Logs

COMMENTS

APPENDIX 8

WIRELINE LOGGING

NOTE: The full Basker-2 Velocity Survey Report (VSP, Sonic Calibration and Geogram Processing Results) has been submitted separately, as a CD.

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SCHLUMBERGER EXECUTIVE SUMMARY

Client:	Anzon Australia
Well:	Basker-2
Date:	12-21 September 2005
Engineers:	Nader Sabanegh/ Kasian Sintoovongse
Subject:	Wireline operations report for Basker-2

1.0 Executive Summary

1.1 Highlights

- All runs were performed safely, efficiently and without lost time accidents/incidents.
- Data quality was of a high standard and all goals were achieved in an efficient manner.
- The first two runs were combined in to a single run saving valuable rig time.
- The MDT was used to retrieve one 6-gallon, two 2 x 2 ¾ gallon oil samples and seventeen 450cc samples.
- Eight perforation zones totalling 50 metres were shot in five runs with the new Power Jet Omega perforating charges, with zero lost time and zero misfires using switches and TCP booster to booster connections.
- The new seismic gun controller, Trisor^{TM} OFS, was successfully used for the first time in Australia for the intermediate and TD sections of the well.
- Interact was used to transmit data in real time.

1.2 Lowlights

- Transport damage to the wireline unit (crank case housing and fan) delayed the surface VSI run.
- One exit port valve did not close during the first MDT sampling run resulting in failure to fill a 6-gallon sample chamber.
- One valve failed to close resulting in failure to sample one 450 cc bottle.

2.0 Run Operation Details – 12.25" Surface hole

2.1 Run 1: VSI-GR [3 September 2005]

- 12 hours operating time
- Trisor Gun controller introduction in Australia
- All objectives met

Toolstring: VSI(4) 15m spacing SGT-N- DTC-LEH-QT

Run description:

The objective of this run was to acquire VSP data from 2500m until loss of signal. Excellent data was acquired from 2500m until just below the BOPs. The open hole section was from 2500m until 1000m (43 stations, corresponding to 148 levels) and the cased hole section was from 1000m until 280m. The Trisor OFS gun controller was used for regulating the surface seismic equipment. The Trisor is the new generation of Schlumberger proprietary gun controller providing automated source control and advanced QC functionality.

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This VSI run was performed after drilling the 12-1/4" hole section, rather than at the conclusion of the 17-1/2" section due to an oil leak that occurred on the wireline unit. The oil leak occurred due to a crack in the unit's engine crank case housing. In addition, upon startup the fan chipped a blade due to the cage having been dislodged. The unit had been operationally checked and maintained at the district and checks had been performed offshore. The two problems discovered offshore indicate that the damage occurred in transport.

3.0 Run Operation Details – 8.5" TD logging

3.1 Run 1: FMI-DSI-PEX-HRLA-HNGS-SP Sep 11th –12th 2005

- 12 hours operating time
- Saved 8 hours of rig time by combining 2 runs in 1
- Smooth run with excellent data quality

Toolstring: *FMI-DSI*--HRLA-TLD-HGNS-HNGC-HNGS-SP-DTC-DTPC-LEH-QT

Run description:

First run in hole procedures where used for this run. This mega combo consisted of two runs being combined in to one run in 12 hours. The FMI images acquired were of very high quality. The DSI was logged in to the 9 5/8" casing. High resolution data for the PEX was acquired. A couple of 2 m zones were re-logged because the density data showed some spikes, which was most likely due to the heavy telemetry bandwidth being used by the toolstring.

3.2 Run 2: VSI-GR Sep 12th 2005

- Efficient rig up of downhole and surface equipment
- All objectives met
- Real time transmission of data

Toolstring: VSI(4) 15m spacing SGT-N- DTC-LEH-QT

Run description:

The objective of this run was to acquire VSP data from 3400m until the previous surface section acquired. A total of 64 levels were shot. The last 8 levels repeated within 0.05ms from the original survey conducted in the intermediate section.

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3.3 Run 3: MDT-GR Sep 12th-14th 2005

- Excellent tool reliability
- Real time data transmission to client and SLB reservoir engineer
- SLB Reservoir advising at client office
- Safe retrieval and unloading of samples

Toolstring: MRSC(6 gal)- MRSC (1 gal) MRMS- MRMS- LFA-MRPO-CFA-MRPS-MRHY-MRPC- SGT-L-TCC-LEH-QT

Run description:

The objectives of the MDT run were to confirm the fluid type present in this part of the reservoir and accurately define the hydrocarbon- water contact. The MDT was used to establish pressure gradients and to collect representative samples within the potential hydrocarbon and water bearing zones. Samples were taken to establish chemical composition. The pump-out module was used to clean out fluid prior to sampling. The CFA (Composition Fluid Analyzer) was run in combination with the LFA. It has two new functions; downhole real time composition analysis (partial density and weight % of C1, C2-C5, C6, CO2, and water) and condensate identification. The real time composition analysis greatly enhanced the sample validation. The outcome of this run was to obtain 44 valid pretests, 1 gas sample, 2 water samples and 8 oil samples.

One MPSR could not be used for sampling. This was detected downhole and the client was informed allowing another bottle to be taken to compensate for this failure. The direct cause for the MPSR not opening was that the normally closed valve that should open the bottle failed to open. Upon investigating in the Schlumberger workshop, it was noticed that the spool valve that should shift down and separate the exo-washer was slightly bent. This was most likely caused by excessive sideways force applied during installation.

The second sampling issue involved the exit port not closing when trying to sample the 6-gallon chamber. Upon investigation back in the base, it was noticed that the 50V line through the sample chamber had a break in the insulation. The root cause of this failure is still under investigation.

Overall, the hole conditions were good during the MDT runs, however there were two points at which the toolstring became stuck briefly. The first occurred after pumping out for over 160 minutes. The crew worked the winch up and down, then held near max over pull (4900 lbs) and was able to free the tool after ~30 seconds. The second sticking point occurred after approximately 120 minutes of pumping out. The tool was stuck, however came free after 10-15 seconds of pulling 2000 lbs over normal tension.

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3.4 Run 4: MDT-GR

- Quick turnaround for re-dressing tools prior to running in hole again
- All objectives met

Toolstring: MRSC(6 gal)- MRSC (1 gal) –MRSC (2 ¾ gal) MRSC (2 ¾ gal) MRMS- LFA-MRPO-CFA- MRPS-MRHY-MRPC- SGT-L-TCC-LEH-QT

Run description:
The MDT modules were re-dressed and run back in the hole. Some pretests were repeated and more samples were successfully taken. The outcome of this run was to obtain one 6-gallon and two 2 ¾ gallon oil samples, four 450cc oil samples and two 450cc water samples.

4.0 Run Operation Details – TD cased hole logging & perforating

4.1 Run 1: CBL-VDL-GR-CCL Sep 20th 2005

Toolstring: SLSC-DSLCH-SGTN-DTCH-CALY-LEH-QT

Run description:
The purpose of this run was to determine the integrity of the zonal isolation in the well prior to the perforating run, as well as to provide a GR-CCL correlation log to subsequently use. The CBL log showed that there was good cement bond through out the 7" liner section.

4.2 Run 2-7: HSD-4505PJ Omega HMX Sep 20th 2005

- Successful use of selective switches
- Successful use of multiple guns in one run
- 4 hours per run average

Toolstring: SHM-Gun- CALY- PEH-A

Run description:
Eight zones were perforated in five runs, achieved by running a switch for the first two guns, allowing two zones to be perforated selectively in one run. The third, fourth, fifth, sixth and seventh zones were perforated in three runs by combining up to four guns at a time using TCP style intercarriers. The last zone was shot with a single gun. The total operating time for the five runs was 20 hours and 25 minutes, giving an average run time of 4 hours and 5 minutes.

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4.3 Run 8: Junk Basket-GR-CCL Sep 21st 2005

Toolstring: JB-PGGTD- PEH-A

Run description:
A junk basket with a 6-inch gauge ring was run in combination with a gamma ray and CCL following the perforating run. The run was performed safely in just under 4 hours. Very little debris was collected in the junk basket, and although the junk basket got held up a few times at the top of the 7-inch liner, once through the liner it went down smoothly and did not encounter any resistance.

5.0 Time summary

	Operating Time (hrs)	Lost Time (hrs)
Wire line Logging: Suite 3		
Pre-run 1: VSI attempt (engine fail)	4 hours	4
Run 1: VSI-GR	12 hours	0
Total Operating Time	**12 hours**	**0**
Wire line Logging: Suite 4		
Run 1: PEX-HRLA-HNGS-DSI-FMI	11 hrs 55 mins	0
Run 2: VSI – GR	8 hrs 5 mins	0
Run 3: MDT-GR	21 hrs	0
Run 4: MDT –GR	25 hrs 45 min	0
Total Operating Time	**66 hrs 45 mins**	**0**
Wire line Logging: Suite 5		
Run 1: CBL VDL GR CCL	4hrs 15mins	0
Run 2-7 Perforation Runs	20hrs 25mins	0
Run 8 JB-GR-CCL	3hrs 55 mins	0
Total Operating Time Suite 5	**28 hrs 35 mins**	**0**
TOTAL OPERATING TIME FOR ALLTOTAL OPERATING TIME FOR ALL RUNS	**110 hrs 20 mins**	**4 hrs**

6.0 Crew Members

6.1 Basker 2- VSI-GR in 12.25" hole

Title	Crew
Engineer	Nader Sabanegh
Seismic Specialist	Darren Watts
Crew Chief	Peter Lawrence

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Operator	Matt Ward

6.2 Basker 2- 8.5" TD section

Title	1st crew	2nd crew
Engineer	Nader Sabanegh	Kasian S.
Crew Chief	Peter Lawrence	Rick Murray
Operator	Sean McGee	Matt Ward
MDT Specialist	Marcus Cave	
Seismic Specialist	Darren Watts	

6.3 Basker 2 – Cased hole logs and perforating runs

Title	1st crew	2nd crew
Engineer	Nader Sabanegh	Kasian S.
Crew Chief	Peter Lawrence /D. Stuckey	Rick Murray
Operator	Andy Hall	Matt Ward

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WELLSITE WITNESS SUMMARY

BASKER-2 WELLSITE WITNESS SUMMARY

WIRELINE LOGGING DIARY - SUITE 2

Witnesses: Mike Woodmansee, Robert Blackmore

3rd September 2005

7.15am	Raise Permit
7.20am	Safety Meeting on rig floor
7.35am	Rig up sheaves
8.15am	Start rig up tools
8.45am	Finish rig up tools
8.50am	Run in hole

Tide at rig up 1.158m LAT 0.15mMSL

9.15am	Rig up length correction at 140m in hole 369m season cable 500m season cable 940m season cable
9.45am	Checkshot #1 at 939.9m
9.55am	RIH
10.20am	Season cable at 1500m
10.25am	RIH
10.40am	Perform cable correction at 1952m
10.45am	GR correlation from 2140m +1.0m to downlog -0.15m for tide +0.18m for stretch correction +1.02m for total correction
11.00am	Checkshot#2 at 2140m Shuttle #2 showing slight ringing, first break OK.
11.10am	RIH and stop at 2315m to function calipers. Sonde # 2 not fully closing. Perhaps formation behind arm. After function test OK.
11.30am	Logger on bottom, pull up to first station.
11.35am	Commence VSP at 5 shots per station initially.
12.10pm	Some trouble getting good coupling on two shuttles at 2440m possibly over zone of hard-stringers. Continue shooting until acceptable.
12.15pm	5 good shots at 2320m
12.30pm	5 good shots at 2260m (slack off on cable slightly to prevent ringing)
12.45pm	5 good shots at 2200m (slight tube wave at 1400 msec)
12.55pm	5 good shots at 2140m
1.25pm	5 good shots at 2080m
1.40pm	5 good shots at 2020m
1.55pm	5 good shots at 1960m (slight tube wave persists..but OK)
2.05pm	5 good shots at 1900m
2.10pm	Check with Shoichi regarding quality control (small tube wave at 1400 msec OK-he is happy with data QC)
2.20pm	5 good shots at 1840m

Base Tuna-Flounder Channel picked at 2161mMDRT from Wireline Log (close to 2163mMDRT picked from LWD logs)

2.30pm	5 good shots at 1780m
2.45pm	5 good shots at 1660m (bottom shuttle at 1720m-last VSP shot)
2.50pm	move to next point to continue with a 3-shot program
2.55pm	3 good shots at 1600m (bottom shuttle at 1660m)
3.00pm	move to next station and continue with checkshots
3.20pm	move to next station at 1360m
3.25pm	move to next station at 1300m
3.30pm	move to next station at 1240m
3.40pm	move to next station at 1180m
3.45pm	move to next station at 1120m
4.00pm	move to next station at 1000m
4.05pm	move to next station at 940m
4.15pm	move to next station at 880m (Trisor suggests increase in air-pressure needed in guns. Specialist makes adjustment.)
4.20pm	move to next station at 820m
4.25pm	move to next station at 760m

Wireline picks up casing shoe at 1000.5 mMDRT

4.30pm	move to next station at 700m
4.40pm	move to next station at 640m
4.55pm	move to next station at 580m
5.00pm	move to next station at 520m
5.05pm	move to next station at 400m
5.10pm	move to next station at 340m
5.15pm	move to next station at 280m
5.25pm	move to next station at 220m

Top shuttle at 234m on final shot (get some casing ringing).

5.35pm	closed tools and started to POOH from 220m
6.00pm	start to rig down tools
6.30pm	well to client.

Interact worked well and data sent to town by INTERACT to Shoichi for preparation.

WIRELINE LOGGING DIARY – SUITE 3

BASKER-2 (8 1/2" Hole-Section TD = 3414 mMDRT Drillers Depth)

Witnesses: Mike Woodmansee, Robert Blackmore
Schlumberger Engineers: Nader Sabanegh, Kasian Sintoovongse
MDT Specialist: Marcus Cave
Seismic specialist: Darren Watts

All depths referenced to MSL.
Blue Weakpoint 6700-7300lbs in all runs.

70% = 4700lbs.
ENC1-ENC2 = 0.04 (should be close to 0)
Expected BHT = 115C @ 3300mMDRT
Rm=0.129 @ 22C
Rmf=0.122@17C
Rmc=0.155@22C
7:06 PM 11/09/2005 POOH to run logs.
10:01 PM 11/09/2005 POOH at BHA.
10:28 PM 11/09/2005 Break bit.
10:53 PM 11/09/2005 Break LWD tools.
11:17 PM 11/09/2005 Lay down LWD.

RUN 1
FMI-DSI-HRLA-PEX-HNGS (Total time 12 hours 25 minutes, 1.5 hours Downtime)

Need to have main-pass sent realtime on INTERACT.
Need MSDip plot (1:200) sent to Baz ASAP along with ascii data for his work-station (via INTERACT).
Need Hi-Res data for nukes.
11:50 PM 11/09/2005 Sources to catwalk.
00:00 PM 12/09/2005 JSA on rig floor
00:10 AM 12/09/2005 Rig up tools.
00:15 AM 12/09/2005 Rig up sheaves
01:45 AM load sources
01:56 hrs RIH
01:58 hrs compensate
01:08 hrs RIH 6200ft/hr in casing seson cable at 500m, 1000m, 1500m, 2000m, 2500m, 2900m.
03:06 hrs Log down from 1500m (did not slow rate of descent) at 8100ft/hr
Up tensions 1000m 3400lbs, 1500m 4000lbs, 2000m 4500lbs, 2500m 5000lbs, 2900m 5700lbs
4:07 AM 12/09/2005 Run in open hole at 6200 ft/hr, aquiring down log.
4:17 AM 12/09/2005 3200m Stop mark cable for slack correction then RIH
slow descent to 1800ft/hr for accurate downlog depth control.
4:30 AM 12/09/2005 Start repeat at 3360m. 1300 ft/hr up-tension 6500lbs
4:53 AM 12/09/2005 stop repeat (get depths from log) stretch correction 7.8m Rig correction +0.1
tide at rig up -1.0m (already set in compensators) So correction applied +7.9m.
5:12 AM 12/09/2005 on bottom start main pass. Tension 6800lbs. Logging speed 1200 ft/hr. TD 3414.5m.
5:37 AM 12/09/2005 3280m change gain on FMI
6:42 AM 12/09/2005 stop log 40m inside casing
SLB Downtime (06:45 - 08:15 = 1.5 hours)

6:45 AM 12/09/2005 Run down to 3370m and log over telemetry glitches (CRC errors) in density at 3140m 3305m and 3335m,
FMI log up over 2979m to shoe. EMEX power to FMI pads switched off too soon before logging into shoe.
7:02 AM 12/09/2005 At 3390m log patch to cover 3335m and 3305m density curves. Just logging density.
1200 ft/hr, tension 6500lbs. Ran back down and repeated since we had another telemetry
glitch at 3330m too close to the first for comfort.

7:58 AM 12/09/2005 Pull up for FMI patch 6000ft/hr.
8:05 AM 12/09/2005 Log FMI patch 2990m - 2955m

8:15 AM 12/09/2005 Log sonic in casing p& s mode at 2200 ft/hr. Top of cement at not definitive
10:15 AM 12/09/2005 stop log 1590m, pooh.
11:08 AM 12/09/2005 on surface.
12:25 PM 12/09/2005 run 1 complete

Temp = 126 C on all three thermometers from 3368mMDRT
TD logger = 3414.5 mMDRT
9 5/8"Casing logger = 2948 mMDRT

RUN 2

VSI-4-GR (Total time 9 hours 5 minutes, no Downtime)

12:25 PM 12/09/2005 start to rig up VSI tools
1:04 PM 12/09/2005 Deploy seismic guns.
1:13 PM 12/09/2005 Power up tools.
1:14 PM 12/09/2005 RIH
1:27 PM 12/09/2005 Compensate at 80m
1:28 PM 12/09/2005 RIH
1:50 PM 12/09/2005 RIH @ 550m
2:13 PM 12/09/2005 Checkshot at 1000m-cannot get good signal-continue to 2000m
2:26 PM 12/09/2005 RIH to second checkshot point.
3:10 PM 12/09/2005 Checkshot at 2000m
3:16 PM 12/09/2005 RIH to correlate
3:54 PM 12/09/2005 Correlate at 3250 mMDRT (logging tension 4300lbs).
4:00 PM 12/09/2005 Add +1.2m
4:00 PM 12/09/2005 Move to checkshot point at 3160 mMDRT (shuttles taking a longish time to open & close??)
4:05 PM 12/09/2005 Rig compensator losing air. Re-fill on floor and re-correlate.
NEED TO WATCH THIS DURING MDT RUN !!!
4:11 PM 12/09/2005 Re-correlate -0.2m
4:22 PM 12/09/2005 Checkshot at 3160 mMDRT
4:26 PM 12/09/2005 Move down to TD to start survey.
4:37 PM 12/09/2005 Stop at 3340.5mMDRT first shot. Very noisy had to shoot 10 shots to get good 5. (pyrite??)
4:58 PM 12/09/2005 Move to next point.

Some minor trouble with Trisor software at times (had to restart Trisor software)
Very stormy conditions for seismic guns in water with 2-3m swell.

5:01 PM 12/09/2005 Shoot at 3280 mMDRT
5:06 PM 12/09/2005 Move to next point at 3220 mMDRT
5:28 PM 12/09/2005 Move to next point at 3160 mMDRT (same as checkshot - data quality very good, close to previous values)
5:40 PM 12/09/2005 Shoot at 3100 mMDRT
5:45 PM 12/09/2005 Move to next point.
5:48 PM 12/09/2005 Shoot at 3040 mMDRT

5:53 PM 12/09/2005 Move to next point.
5:56 PM 12/09/2005 Shoot at 2980 mMDRT
5:58 PM 12/09/2005 Move to next point.
6:13 PM 12/09/2005 Move to next point at 2860 mMDRT
6:19 PM 12/09/2005 Move to next point at 2800 mMDRT
6:25 PM 12/09/2005 Move to next point at 2740 mMDRT
6:39 PM 12/09/2005 Move to next point at 2620 mMDRT
6:55 PM 12/09/2005 Shoot at 2500 mMDRT and continue shooting until 2380 mMDRT to overlap Suite 3.
7:14 PM 12/09/2005 POOH with seismic tools
8:14 PM 12/09/2005 Tools at 200m MDRT
8:29 PM 12/09/2005 Decompensate at 50m
8:39 PM 12/09/2005 Tools at surface.
8:45 PM 12/09/2005 Start to rig down VSI tools.
9:30 PM 12/09/2005 Complete run 2.

Temperature was 126 C from 3335 mMDRT

RUN 3

(Contacts are primarily Miguel of Schlumberger @ 0401-712-266 and Wong in Sweden @ +46-733-900-440)
MDT-GR

9:30 PM 12/09/2005 Start picking up MDT.
10:34 PM 12/09/2005 Tool string connected-power up.
10:44 PM 12/09/2005 Pick up MDT string weight in air at surface = 2500lbs
11:06 PM 12/09/2005 Zero tool
11:07 PM 12/09/2005 RIH to compensate
11:18 PM 12/09/2005 Compensate at 90m
11:19 PM 12/09/2005 RIH

NEED TO WATCH COMPENSATOR---ASK WINCHMAN TO KEEP EYE ON CABLE ON FLOOR FOR SLACK
(IF IN DOUBT--RECORRELATE DEPTH)

11:25 PM 12/09/2005 RIH at 150mMDRT decent 6900ft/hr.
1:01 AM 13/09/2005 check tension at 9 5/8" shoe 5600lbs.
1:11 AM 13/09/2005 log up from 2999m for GR correlation. Considerable tension variation on correlation
correction varied from 3.8 - 4.2m, used +4m for correction.
1:28 AM 13/09/2005 wait in shoe for temperature stabiliation.
1:35 AM 13/09/2005 run down 6m below first station and pull up at logging speed to station 1. Commence presure survey.
Poor hydrostatic stabiliation due to rough sea.
4:38 AM 13/09/2005 GR correlation after station 16 (3061.2m) apply depth correction +0.4m
4:54 AM 13/09/2005 Resume pressure survey.
7:52 AM 13/09/2005 3131m (pressure test 30) tool sticking a bit running down. Statr running down between stations quicker.
8:45 AM 13/09/2005 GR correlation after station 33 (3151m), apply depth correction of +1.0m.

9:09 AM 13/09/2005 hi-tension at 3160m 6500lbs. Tool failed to come off 3151m. Abort test at 3151m due
to tight hole move to next depth.
12:12 PM 13/09/2005 Pretest at 3264mMDRT
12:31 PM 13/09/2005 Pretest at 3277.1 mMDRT
1:06 PM 13/09/2005 Correlate at 3340m
1:17 PM 13/09/2005 Add +1.25m
1:17 PM 13/09/2005 Continue pressures.
1:46 PM 13/09/2005 Went back to try 3281.5m following correlation adjustment.
1:52 PM 13/09/2005 Still no seal at 3281.5m. Move down to next point.
2:15 PM 13/09/2005 Pretest at 3357.3 mMDRT
3:02 PM 13/09/2005 Pretests completed move to sampling.

Temperatures on pretest sheet.

MDT SAMPLING PROGRAM (MDT Run 1)

3:05 PM 13/09/2005 Sampling at 3357.3mMDRT - Priority 1 sample.

33 VALID TESTS
13 NO SEAL (Exact figures to be confirmed later)
14 LOW PERM ?
3 OTHER/TIGHT?

3:27 PM 13/09/2005 Pumping out at 3357.3m
4:20 PM 13/09/2005 Fill 2 x 450cc chambers at 3357.3m after 80 mins. of pumping (STATION 1)
4:35 PM 13/09/2005 Move to priority 2 point for sampling CORRELATE
5:01 PM 13/09/2005 Stop at 3131mMDRT and start station.
5:11 PM 13/09/2005 Cannot get seal. Call town.
5:12 PM 13/09/2005 Move to 3133.4mMDRT.
6:04 PM 13/09/2005 Prepare to sample after pumping 32 litres.
Fill two more 450cc chambers at 3133.4mMDRT (STATION 2)
6:19 PM 13/09/2005 Move to next point.
6:28 PM 13/09/2005 Correlate and start station at 3105.5mMDRT
6:34 PM 13/09/2005 No seal. Move to 3105.7mMDRT
6:38 PM 13/09/2005 Set at 3105.7mMDRT and attempt pretest.
6:52 PM 13/09/2005 Stop pump as 1400psi drawdown and bad point.
6:55 PM 13/09/2005 Decide to recorrelate.
7:11 PM 13/09/2005 OK-move to 3106m to try sample there.
7:23 PM 13/09/2005 Good pretest at 3106m and start pumping. (STATION 3)
8:13 PM 13/09/2005 Get good confidence on CFA. Start sampling.
8:26 PM 13/09/2005 Fill tanks and move off wall.
8:27 PM 13/09/2005 Move to 3066mMDRT.
8:41 PM 13/09/2005 Move to 3066.5mMDRT
8:47 PM 13/09/2005 Get good pretest and start pumping (STATION 4)
9:11 PM 13/09/2005 Continue pumping until flowline resistivity flatlines.
10:41 PM 13/09/2005 Sample after pumping for 2 hours at 3066.5mMDRT.
10:47 PM 13/09/2005 First bottle did not open. Try second.
10:49 PM 13/09/2005 Fill second bottle & call town.
11:10 PM 13/09/2005 Inform co-man have exceeded 2 hours on wall.
11:10 PM 13/09/2005 Wait for town to decide on plan.
11:26 PM 13/09/2005 Fill another 450cc chamber at 3066.5 mMDRT
11:27 PM 13/09/2005 Stop pump and retract.
11:30 PM 13/09/2005 Free and move to next station.
11:35 PM 13/09/2005 Drop to 3300m to correlate.
11:37 PM 13/09/2005 Correlate from 3300m
11:45 PM 13/09/2005 Stop on point and set at 3241.5m (STATION 5)
11:53 PM 13/09/2005 Start pumping out. Oil very viscous can only pump at 10min per pump stroke of oil turns to gas.
1:28 AM 14/09/2005 Move off 3241.5m, down 10m then up to priority 5.1 at 3243m for 6 gallon chamber. 20cc DD to test mobility
Mobility good start pumpout, pumping pressure 3709psi oil indicated. (STATION 5.1)

5:47 AM 14/09/2005 Check exit valve on 6 gallon chamber at 60.1L lt total pumped(29.6L clean out pumpout) exit valve

not operating. Consult MDT specialist. Exit valve staying open sample chamber probably not filled.

Retract without recovering sample

6:14 AM 14/09/2005 Move to next point at 3262.7m for pump-out only. 900psi drawdown pressure, (STATION 6)

OFA indicating transitional oil/gas gas possibly from drawdown pressure.

7:30 AM 14/09/2005 Retract GR correlation proir to next station at 3298.3m. Depth correction +1.0m.

7:47 AM 14/09/2005 On station 3298.3m pretest indicates to tight for pumpout, move to 3298.5m indicates (STATION 7)

tight, move to 3298.8m, lost seal retract- set again no seal, go back to 3298.3m, no seal. try 3298m got seal

low mobility but attempting a pump out to tight abandon station, move to next point.

8:52 AM 14/09/2005 At station 3201m no seal. Re-try at 3201.5m good mobility. 0.048ohm OFA indicating H2O. (STATION 8)

10:43 AM 14/09/2005 Move to next station.

10:53 AM 14/09/2005 On station 3173.8m, for planned 450cc sample, no seal. Move to 3174m tight. Move to 3173.7m,

no seal. Move to 3175m confirmed mobility started pumpout.

12:13 PM 14/09/2005 Pumping at 3175mMDRT (STATION 8.1)

12:27 PM 14/09/2005 Resistivity is 0.05 ohm..prepare to sample 450cc after 60mins

12:35 PM 14/09/2005 Sample at 3175mMDRT

12:38 PM 14/09/2005 Fire closed-no Maxis indication but power fluctuation indicates.

12:38 PM 14/09/2005 Stop pump and retract.

12:48 PM 14/09/2005 Set tool at 3163.7mMDRT (STATION 8.2)

12:57 PM 14/09/2005 Quite tight--try to pumpout.

12:59 PM 14/09/2005 Drawing down 1200psi below formation pressure.

1:15 PM 14/09/2005 Pumping out very slowly-cleaning up slowly on resistivity.

2:13 PM 14/09/2005 Complete pumping. Pump strokes look erratic.

2:17 PM 14/09/2005 Finish pretest--too tight.

2:20 PM 14/09/2005 Retract tool.

2:22 PM 14/09/2005 Move off wall and come up to last point at 3044.3m correlating on way. Good depth control.

2:40 PM 14/09/2005 Stop at 3044.3mMDRT (STATION 9)

2:59 PM 14/09/2005 Start pumping on point. See gas on CFA/LFA coming in.

3:31 PM 14/09/2005 Fill chamber and overpressure. Good indication of closing. Stop pump.

3:34 PM 14/09/2005 Complete point and start to retract.

3:34 PM 14/09/2005 Complete MDT Run 1

3:37 PM 14/09/2005 POOH

4:47 PM 14/09/2005 Decompensate at 100m

4:51 PM 14/09/2005 POOH to surface.

5:00 PM 14/09/2005 Tools at surface.

5:22 PM 14/09/2005 Start to rig down tools.

6:00 PM 14/09/2005 Rig down Run 1 MDT complete.

44.5 hours for Run 3 Operating Time

RUN 4
(Contacts are primarily Miguel of Schlumberger @ 0401-712-266 and Wong in Sweden @ +46-733-900-440)
MDT-GR

MDT SAMPLING PROGRAM (MDT Run 2)

6:00 PM 14/09/2005 Start to pick up tools new chambers and tools.
7:19 PM 14/09/2005 Remove filled chambers from 6-tank carrier to re-use with new chambers (Samples to PETROLAB)
7:36 PM 14/09/2005 Fit new sample chambers to multi-sampler.
8:45 PM 14/09/2005 Rig up tools.
9:07 PM 14/09/2005 Start to check tools in derrick.
9:41 PM 14/09/2005 Ready to compensate at 80m
9:53 PM 14/09/2005 RIH
10:38 PM 14/09/2005 Tension check at 1500m. (Weight of tool is 2300lbs)
10:54 PM 14/09/2005 RIH
11:22 PM 14/09/2005 RIH to 3200m to correlate and stabilise gauges
Logging up tension = 6200lbs
Head tension=2500lbs
11:28 PM 14/09/2005 Correlate at 3150m--add +2.8m (quite sticky at coals)
11:36 PM 14/09/2005 Come up into shoe to stabilise at 2900 mMDRT.
11:54 PM 14/09/2005 Stabilising at shoe.
12:07 AM 15/09/2005 Re-check GR correlation at 3125m on depth.
12:08 AM 15/09/2005 Start pretest at 3118.5m
12:59 AM 15/09/2005 GR correlate at 3265m depth correcton +0.8m
1:14 AM 15/09/2005 Resume Pressure tests at 3243mm
1:44 AM 15/09/2005 Start pumping 3263.5m sample for clean up.
3:34 AM 15/09/2005 Close bottle at 3000psi total pressure 7635psi. sample 2 3/4 gallon vessel number 23. Max overpull 5000lbs to get off this point. Informed co-man of tension.
3:43 AM 15/09/2005 GR correlate at 3360m Depth correction +0.6m.
4:13 AM 15/09/2005 On station 3362m tight, 3361m tight 3361.5m tight abandon station.
4:43 AM 15/09/2005 Gr correlate while moving to next ststion Depth correction 0.0m.
4:51 AM 15/09/2005 On station 3289.3m, pumpout start at 04:57hrs. Planned as a pumpout only decision made to sample.
6:15 AM 15/09/2005 Move to next station 3290.5m Pump from 06:25hrs to 07:05hrs slow pump rate , consult with town decide to abandon point and move up to 3290m. 10cc draw down at end of pumping for pressure evaluation.
7:16 AM 15/09/2005 Move to 3298.3m new depth from town. 3298.3m 10cc DD no seal, re-tract and try again 10 ccDD seal leaking, move to 3298.5m no seal, move to 3298.7m 10cc DD no seal, 3299m 10cc DD leaking attempt re-set packer 20cc DD appears either supercharged or slow leak in seal pressure very unstable. Move to 3299.3m (town request) 10cc DD no seal. abandon attempt at this depth.
8:13 AM 15/09/2005 Station 3288m 10cc DD, start pumpout 08:15hrs, collect 1 X 450cc sample
8:55 AM 15/09/2005 Move to station 3243m 10cc DD, start pumpout at 09:08 hrs, collect 6 gallon oil sample.
11:58 AM 15/09/2005Move to next station 3223.2m

12:07 PM 15/09/2005 Start pumping out at 3223.2mMDRT
12:50 PM 15/09/2005 Continue pumping out.
12:58 PM 15/09/2005 Stop pumping and do pressure check using pump (almost exactly same as previous pretest within 0.09psi).
1:03 PM 15/09/2005 Move off wall and move to next point at 3201mMDRT
1:07 PM 15/09/2005 Set tool at 3201mMDRT
1:13 PM 15/09/2005 Start pumping out
2:07 PM 15/09/2005 Sample 450cc at 3201m
2:21 PM 15/09/2005 Complete pretest at 3201m
2:27 PM 15/09/2005 Retract from point.
2:28 PM 15/09/2005 Move off and on to 3164.1 mMDRT for pretest and short pumpout.
2:33 PM 15/09/2005 Stop at 3164.1mMDRT
2:39 PM 15/09/2005 Start pumping for 10-15 mins to get buildup pressure.
2:59 PM 15/09/2005 Stop pumping after 22 mins (10,185cc) and wait for buildup.
3:25 PM 15/09/2005 Complete and try to get off wall pull 4800lbs on head to get free. (In formed Company-Man ****)
3:31 PM 15/09/2005 Stop at 3133.4m for next sample.
3:55 PM 15/09/2005 Pump for 20mins (15 litres)--get good confidence on CFA/LFA and resistivity.
3:56 PM 15/09/2005 Start to fill 2 3/4 gallon chamber.
4:10 PM 15/09/2005 Pump 10 litres--start to pressure up.
4:12 PM 15/09/2005 Close in sample and move off.
4:16 PM 15/09/2005 Retract tool
4:19 PM 15/09/2005 Move to 3009.3mMDRT
4:31 PM 15/09/2005 Stop at 3009.3mMDRT.
4:31 PM 15/09/2005 Attempt pretest first to confirm.
4:38 PM 15/09/2005 Start pumping out.
5:27 PM 15/09/2005 Continue pumping out at 3009.3mMDRT
6:07 PM 15/09/2005 Start to sample 450cc bottle--fill after 2 mins.
6:14 PM 15/09/2005 Retract tool.
6:18 PM 15/09/2005 Stop at 3023.4mMDRT
6:30 PM 15/09/2005 Pumping out now.
7:17 PM 15/09/2005 Continue pumping at 3023.4 mMDRT
7:23 PM 15/09/2005 Fire 2x450cc chambers (last 2).
7:28 PM 15/09/2005 Complete and finish station.
7:37 PM 15/09/2005 Retract, come off wall, start to POOH.
7:42 PM 15/09/2005 POOH with MDT.

Temperatures on pretest sheet.
Max temperature from thermometers = 248degF

9:15 PM 15/09/2005 Tools at surface
9:49 PM 15/09/2005 Rigging down tools
10:30 PM 15/09/2005 Well to client

28.5 hours Operating Time for Run 4

Total time for job = 94.5 hours
Downtime = 1.5 hours
98% job efficiency

PRETESTS – RUN 1 & RUN 2

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BASKER-2 MDT RUN 1

File No	Test No	Depth MD	Depth TVDSS	Formation pressure	Drawdown Mobility	Samples Planned	Fluid Expected	Samples Recovered	Actual Fluid		Comments
		m	m	PSIA	md/cp						
88	1	**2991.8**	**-2948.0**	**DRY**	NA						Move tool
89		2991.5	-2947.7	LS	NA						Move tool
90		2991.6	-2947.8	LS	NA						Give up
91	**2**	**3009.3**	**-2963.2**	**4267.64**	2.3						
92	**3**	**3025.2**	**-2977.0**	**4290.73**	75.5						
93	**4**	3028.3	-2979.7	LS	NA						Move tool
94		3028.4	-2979.8	LS	NA						Move tool
95		**3029.0**	**-2980.3**	**4293.77**	2501.9						
96	**5**	**3031.0**	**-2982.0**	**4295.6**	293.6						
97	**6**	3034.5	-2985.1	DRY	NA						Move tool
98		**3035.0**	**-2985.5**	**4313.98**	28.7	If 7 is tight	GAS	CANCELLED			
99	**7**	3044.3	-2993.7	DRY	NA						Move tool
100		**3044.5**	**-2993.8**	**4315.87**	9.6	1 x 450cc	GAS	1 x 450cc	GAS		
101	**8**	**3049.0**	**-2997.8**	**4319.69**	168.9						
102	**9**	**3053.5**	**-3001.7**	**4325.13**	23.4						
103	10	3061.2	-3008.5	DRY	NA						Try again
106		3061.2	-3008.5	DRY	NA						Move tool
107		3061.5	-3008.7	DRY	NA						Give up
108	**11**	3066.0	-3012.7	DRY	NA						Move tool
109		**3066.5**	**-3013.1**	**4344.96**	538.8	2 x 450cc	WATER	2 x 450cc	WATER		
110	**12**	**3076.2**	**-3021.6**	**4356.59**	163.8						
111	**13**	3085.3	-3029.6	DRY	NA						Move tool
112		3085.6	-3029.9	DRY	NA						Move tool
113		**3086.0**	**-3030.2**	**4368.68**	202.3						
114	**14**	**3088.7**	**-3032.6**	**4372.22**	3896.8						
115	**15**	**3100.0**	**-3042.5**	**4394.68**	337.1						
116	**16**	3105.5	-3047.3	TIGHT	NA						Move tool
117		**3105.7**	**-3047.5**	**4398.86**	926.6	2 x 450 cc	OIL	2 x 450 cc	OIL		
118	**17**	**3108.0**	**-3049.5**	**4400.67**	2.3						
119	**18**	**3131.0**	**-3069.8**	**4440.28**	241.7						
120	**19**	**3133.4**	**-3071.9**	**4441.87**	1146.9	2 x 450cc	OIL	2 x 450cc	OIL		
121	**20**	**3140.0**	**-3077.8**	**4448.31**	776.2						
125	**21**	**3163.7**	**-3098.7**	**4489.52**		PUMPOUT	OIL	PUMPOUT	WATER		
126	**22**	**3173.8**	**-3107.7**	**4487.3**							
		3175.0	-3108.7			1 x 450cc	WATER	1 x 450cc	WATER		
127	**23**	**3179.3**	**-3112.5**	**4492.99**	231.8						
128	**24**	**3201.0**	**-3131.8**	**4535.5**	245.1	PUMPOUT	OIL	PUMOUT	WATER		
129	**24/1**	**3202.7**	**-3133.3**	**4538.26**	22.8						
130	**25**	**3223.2**	**-3151.7**	**4562.29**	106.8						
131	**26**	3226.5	-3154.6	LS							Move tool
132		3226.5	-3154.6	**4569.84**	10.7						
133	27	3237.0	-3164.0	TIGHT/LS							Try again
134		3237.0	-3164.0	TIGHT/LS							Move tool
135		3236.7	-3163.8	TIGHT/LS							Move tool
138		3237.3	-3164.3	LS							Give up
136	**28**	**3241.5**	**-3168.1**	**4621.29**	117.1	1 x 450cc	OIL	1 x 450 cc	OIL		
137	**28/1**	**3243.0**	**-3169.4**	**4622.64**	1372.3	1 X 6 gal	OIL	FAILED	OIL		
139	**29**	**3262.7**	**-3187.1**	**4634.19**	51.6	PUMPOUT	OIL	PUMPOUT	OIL + GAS		
140	29/1	3264.0	-3188.3	LS							
141		**3263.5**	**-3187.8**	**4634.48**	194.3						
142	**30**	**3277.1**	**-3200.0**	**4644.33**	16.2						
143	31	3281.5	-3204.0	TIGHT							
148		3281.5	-3204.0	LS							
144	**32**	**3288.0**	**-3209.8**	**4654.78**	316.9						
	33	3298.3	**-3219.1**	**4688.14**	73.3	PUMPOUT	OIL	TIGHT	NO RECOV		
147	34	3301.2	**-3221.7**	**4689.85**	16.6						
149	35	3355.5	**-3270.5**	**4760.49**							
150	36	3357.3	**-3272.1**	**4756.37**	238.8	2 x 450cc	OIL	2 x 450cc	OIL		
151	37	3363.8	-3278.0	TIGHT							Try again
152		3364.8	-3278.9	TIGHT							
153	38	3365.6	-3279.6	DRY							
154		3366.6	-3280.5	DRY							

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BASKER-2 MDT RUN 2

	The sixth MPSR is a backup. If the other five are filled sucessfully a sample at the last station will be considered										
File No	Test No	Depth MD	Depth TVDSS	Formation pressure	Drawdown Mobility	Samples Planned	Fluid Expected	Samples Recovered	Actual Fluid		
		m	m	PSIA	md/cp						
9	39	3118.5	-3058.8	TIGHT		PRETEST					
10		3118.6	-3058.9	TIGHT		PRETEST					
11		3118.7	-3059.0	TIGHT		PRETEST					
13	40	3164.1	-3099.1	4482.74		PRETEST					
15	41	3243.0	-3169.4	4622.03		PRETEST					
17	42	3263.5	-3187.8	4633.84		PRETEST					
						1 x 2-3/4 gal	OIL	1 x 2-3/4 gal	OIL		
19	43	3362.0	-3276.4	TIGHT		1 x 450cc	WATER	TIGHT	NO RECOV		
20		3361.0	-3275.4	TIGHT							
21		3361.5	-3274.5	TIGHT							
23	44	3289.3	-3211.0	4655.16		1 x 450 cc	OIL	1 X 450 CC	OIL		
	45	3288.0	-3209.8	4656.36		1 x 450cc	OIL	1 x 450 cc	OIL		
25	46	3298.3	-3219.1	TIGHT		PUMPOUT	OIL	TIGHT	NO RECOV		
26		3298.5	-3219.3	TIGHT							
27		3298.7	-3219.5	TIGHT							
28		3299.0	-3219.8	TIGHT							
29		3299.3	-3220.0	TIGHT							
31	48	3243.0	-3169.4	4622.10		1 x 6 gal	OIL	1 x 6 gal	OIL		
32	49	3223.2	-3151.7	4562.17		PUMPOUT	OIL	PUMPOUT	WATER		
33	50	3201.0	-3131.8	4534.57		1 x 450cc	OIL	PUMPOUT	WATER		Pressure buildup after pumping
35	50/1	3164.1	-3099.1	4481.20		BUILDUP		BUILDUP			
36	51	3133.4	-3071.9			1 x 2-3/4 gal	OIL	1 x 2-3/4 gal	OIL		
	52	3009.3	-2963.2			1 x 450cc	WATER	1 x 450cc	WATER		
	53	3023.4	-2975.4			PUMPOUT	OIL				Optional sample

SAMPLES COLLECTED DURING WIRELINE OPERATIONS

BASKER-2	SCHLUMBERGER WIRELINE PRESSURE MEASUREMENTS AND SAMPLING STATIONS	PETROLAB - PRELIMINARY RESULTS FROM WELLSITE

Test No	Depth MD	Depth TVDSS	Formation pressure	Drawdown Mobility	Samples Recovered			Fuid Type	Density from Gradients (HC)	Density from CFA (HC)	Ex - MPSR # :	Chamber Size	Petrolab Cyl # :	Sample Volume :	Sample recovered	Colour	Temp	H2S of flashed gas	CO2 of flashed gas	Bubble Point	Vol Flash Gas	Wt Flash Oil	Vol Fash Liq	API	Oil Density @ T	GWR @ T	GOR @ T	Pour Point (no ppd) :	HP Pour Pt
	m	m	PSIA	md/cp	450 cc	2-3/4 gal	6 -gal		psi/m	psi/m							°C	ppmv	%	psig	cc	gm	cc		gm/cc	cf/bbl	cf/bbl		
52	3009.30	-2963.15		96.96	1			WATER			286	450			water				11		790		205			22			
53	3023.40	-2975.40		190.41	2			OIL	0.92	0.95	498	450cc	8151-28	380	oil	dk yellow			2700 at 14C	2700 at 14C									
	3023.40										479	450cc	9214-166	305	oil	dk yellow	38	0.3	2	2800 at 14C	10820	36.52		50.1	0.779		1329.0	29C	21C @ 4600psi
	3044.50	-2993.82	4315.87	9.60	1			GAS	0.23	0.23																			
	3066.50	-3013.09	4344.96	538.80	2			WATER			192	450cc			water				20		936	200				26			
	2nd sample										310	450cc			water														
	3105.70	-3047.49	4398.86	926.60	2			OIL	0.85	1.02	494	450cc	24093202	335	oil	brown	35			3300 @ 13C	7600	28.41		43	0.8110 @ 35°C		1218.1	31	
	3105.70	2nd sample									501	450cc	84103217	355	oil	brown		<0.2	4	3300 @ 14C									28°C @ 4600 psig
19	3133.40	-3071.92	4441.87	1146.90	2			OIL	1.03	1.02	316	450cc	84062602	315	oil	brown	38.5			3200 @ 14C	9150	40.3		43.5	0.8085 @ 38.5°C		1030.7	32°C	
	3133.40	2nd sample									478	450cc	8103206	405	oil	brown				3100 @ 13C									27°C @ 4600 psig
51	3133.40	-3071.92		NA		1		OIL	1.03	1.02																			
	3164.10	-3099.10		39.62	PUMPOUT			WATER			PUMPOUT																		
50/1	3164.10	-3099.10	4481.20	NA	BUILDUP						BUILDUP																		
	3175.00	-3108.70		193.91	1			WATER																					
24	3201.00	-3131.82	4535.50	245.10	1			WATER			477	450			water				14		875		205			24			
50	3201.00	-3131.80	4534.57	682.04	PUMPOUT			WATER			PUMPOUT																		
49	3223.20	-3151.66	4562.17	41.17	PUMPOUT			WATER			PUMPOUT																		
28	3241.50	-3168.05	4621.29	117.10	1			OIL	0.90	?	485	450cc	85014411	360	oil	brown	40			2900 @ 13C	8840	32.44		42.9	0.8112 @ 40°C	1241		32C	
48	3243.00	-3169.40	4622.10	1372.28			1	OIL	0.90	0.95	51	6gallon	84032809/8 212803/L-294	600/600/600	oil	brown	38	<0.2	4	4200 @ 42C	11295		49.5	43.4	0.8092	1281		32C	28C @ 4600 psi/30C @
29	3262.70	-3187.09	4634.19	51.60	PUMPOUT			OIL + GAS	0.90	0.41	PUMPOUT																		
	3263.50					1					23	2.75gal	84063609, 812639, 812402, 84063219	gas con+ 700cc water	rich gas + water														
45	3288.00	-3209.80	4656.36	295.03	1			OIL	0.90	1.04	66	450cc	20438-20	300	oil	brown	38	<0.2	2	3151 @ 14C	9130	38		41.4	0.8186		1104.0	32C	
44	3289.30	-3211.00	4655.16	649.46	1			OIL	0.90	1.00	187	450cc	84062304	290	oil	brown	36	<0.2	2	3200 @ 14C	10135	41.4		42.9	0.8115		1115.0	32C	
33	3298.30	-3219.09	4688.14	73.30	TIGHT			NO RECOV			PUMPOUT																		
46	3298.30	-3219.10	TIGHT	4.41	TIGHT			NO RECOV			PUMPOUT																		
36	3357.30	-3272.12	4756.37	238.80	2			OIL	?	0.54	123	450cc	84062103	280	oil		21			4200 @ 14C	2285	8.2		50.4	0.7781 @ 21°C		1217.4	14°C	
43	3362.00	-3276.35	TIGHT	12.81	TIGHT			NO RECOV			PUMPOUT																		
37	3363.80	-3277.96	TIGHT	6.80																									
TOTAL NUMBER OF SAMPLES					**17**	**2**	**1**																						

VSP & SYNTHETICS

NOTE : The full Basker-2 Velocity Survey Report (VSP, Sonic Calibration and Geogram Processing Results) has been submitted separately, as a CD.

Schlumberger

ANZON AUSTRALIA LIMITED

BASKER-2

WELL SEISMIC PROCESSING REPORT

VSP / GEOGRAM

[See also Basker-2 Intermediate & TD VSP Q-Borehole Survey Reports]

FIELD:	Basker
COUNTRY:	Australia
WELL HEAD COORDINATES:	Latitude: 38 17' 58.51" S
:	Longitude: 148 42' 24.72" E
BOTTOM HOLE COORDINATES:	Latitude: 38 18' 07.62" S
:	Longitude: 148 42' 25.09" E
LOCATION:	Victoria, Offshore Gippsland Basin
DATE OF SURVEY:	3-Sept-2005 & 11-Sept-2005
DATE OF REPORT:	December 2005
SURVEY TYPE:	Rig Source VSP, Offshore, Airgun
REFERENCE NO:	DS 1105-05

Prepared by: L. Dahlhaus

Schlumberger Oilfield Australia Pty Ltd
Level 5, 256 St. Georges Terrace, Perth
WA 6000 Australia, Tel: +61 8 9420 4800

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1 Introduction

A borehole seismic survey was recorded in two runs in the deviated offshore exploration well Basker-2 on 3 and 11 September 2005. This survey included rig source VSP measurements in both open and cased hole. The data were acquired using a 4 shuttle Versatile Seismic Imager Tool (VSI-4) downhole and a Dual Air gun source deployed from a crane on the rig.

Processing of the data consisted of performing VSP processing, Sonic calibration and Synthetic seismogram generation. This report describes the processing techniques used, the parameters chosen and presents the results of the data processing. There is a fairly good match between Corridor Stack and Synthetic seismograms. A quick-look tie at target depth with the surface seismic data was obtained by shifting the surface seismic up using a +20 ms bulk time shift.

2 Data Acquisition

The data were acquired in two logging runs in both open and cased hole, using a four shuttle three component Versatile Seismic Imager Tool (VSI-4) fitted with GAC accelerometers.

Two parallel mounted150 cu in G-Gun Air guns were used as the source operating under 1900 psi. The guns were suspended from the rig beneath a buoy app. 4 m below sea level vertically above the center of the downhole array position. A calibrated near-field reference hydrophone was positioned at 1.25 m below the guns. Recording was made with the TrisorOFS gun controller. This new generation of Schlumberger proprietary borehole seismic system provides automated source control and enhanced QC functionality such as Gun depth and pressure measurements.

Good VSP levels were acquired from 2500 m to 235 m MD DF and from 3400 m to 2394 m MD DF at 15 m intervals. A minimum of 5 good shots was recorded for each level below 1700m MD DF.

Initial processing of the VSP data utelised Schlumberger's WAVE (Wellsite Acquisition, Validation and Evaluation) processing software. The results are reported in the "Basker-2 Intermediate and TD VSP Q-Borehole Survey Reports". A full description of the recording set up is provided in these reports.

Elevation of DF	21.5 m above MSL
Elevation of GL	154 m below MSL
Well Deviation	Max . 30.1 deg
Energy Source	2x 150 cu in Sodera G-Guns (Parallel Cl)
Source Offset / Azimuth	64 m / 190 deg
Source Depth	4.1 / 4.4 m below MSL
Time Reference	FTB Signal from TrisorOFS
Water Velocity	1524 m/s
Tooll	4 Shuttle VSI-4 (15 m Spacing)
Sensor Type	3-C GAC – Geophone Accelerometer
Sampling Rate	1ms

Table 1. Survey Parameters

3 Well Seismic Edit

The initial preparation of the data is called Well Seismic Edit and consists of:

- Load Data
- Edit bad records & Sort Data
- Pick Reference Break times
- Median stack
- Geophone Transform
- Rotation to Maximize P Energy
- Pick Break time on Stacked Data

Each shot of the raw GAC data was evaluated and edited to remove bad traces. The hydrophone data were also evaluated for signature changes and timing shifts. The good shots at each level were stacked, using a median stacking technique, to increase the signal to noise ratio of the data. For better comparison with geophone data, a transform to a 10 Hz/76% damped geophone is applied to the GAC data. After stacking and transform the transit time of each trace was re-computed.
The following subsections describe the main aspects of the well seismic edit phase.

3.1 Data Quality

The data quality is good. For a detailed description of the shots please see the Q-Borehole Survey Report. The source signature is stable showing little pressure and gun depth variations. There was an overlap of 8 levels between the intermediate and TD runs. The two runs matched well and they have been processed as a single dataset. The vertical component data shows good continuity. The horizontal components show some converted shear energy in particular in the deeper deviated section of the well. The rotated maximum energy TRY component was used for the VSP processing.

3.2 Transit Time Measurement

The measured transit time corresponds to the difference between arrivals recorded by surface and downhole sensors. The reference time (zero time) for the VSP is the recorded Predicted Fire signal of the TrisorOFS shooting system. A reference near field hydrophone signal was recorded for QC purposes. An inflection point tangent first break picking algorithm was used on both the reference and the geophone data.

3.3 Stacking

After reordering and selecting the raw shots, a median stack was performed on the three component data. In this method of stacking, at each sample time, the amplitudes of the input traces are read and sorted in ascending order. The output is the median amplitude value from this ordering. If an even number of traces is input, the first is dropped and a median calculated. Then the last is dropped and another median found. The final output is the average of these two median values. The TrisorOFS time reference is used as the zero time for stacking. The break time of each trace is recomputed after stacking and transform. The X, Y and Z component stacks are presented in Figures 2, 3 and 4.

3.4 Rotation to maximize P energy

The VSI-4 data is recorded with non-gimballed GAC receivers. This means that the Z component is along the tool i.e. wellbore axis. The X and Y components are orthogonal to that with the X component in line with the tool caliper arm. In a vertical well, energy recorded on horizontal components either has traveled along a non vertical path e.g. due to structural dip or faults or has non-vertical particle motion e.g. mode converted shear.

When processing a VSP in a deviated well the 3 component data need to be rotated to the 2D plane containing Source, Receiver and Reflection points. This can be done by first taking the two horizontal components X and Y and determining via energy hodograms in a small window around the picked transit time the orientation of the maximum (in-line) horizontal component (HMX) and orthogonal to that the minimum (cross-line) horizontal component (HMN). The Z and HMX components are then rotated to maximize the first arriving energy in the TRY (Tangent to RaY) direction and orthogonal to that is the in-line NRY (Normal to RaY) component. Figures 5, 6 and 7 show the following rotated orthogonal components: TRY, NRY and HMN. The TRY component is also displayed aligned at Transit time –TT in Figure 8.

VSP Processing Chain

The VSP data were processed using standard VSP processing techniques.
The following subsections describe the main aspects of the VSP processing chain:

- Survey Geometry / Datum corrections : Source position / MSL
- Bandpass Filter : Butterworth Zero Phase, 3-150Hz
- Trace Normalization : RMS Window 300 ms
- Wavefield Separation : Velocity Filter, 9x1 Tri Mean
- Waveshape Deconvolution : 5-80 Hz Zero Phase, Window 0.5 s
- Spherical Divergence Correction : Exponent $\alpha = 1.2$
- Upgoing Enhancement : Velocity Filter, 5x1 Tri Mean
- Corridor Stack : 25 ms , 6 deepest traces

3.5 Survey Geometry / Datum corrections

Seismic Reference Datum (SRD) is at Mean Sea Level. A static shift was applied to the data to correct to SRD. This correction to SRD was calculated using a surface velocity of 1524 m/s. Survey geometry corrections for the lateral offset of the source position with respect to the downhole receiver in this well have been applied. Tidal variations during the survey were small (<0.1ms) and no tidal corrections have been applied.

3.6 Bandpass Filter

The effective bandwidth of the recorded data is evaluated by examining the amplitude spectrum of the stacked vertical component presented in Figure 1. The frequency content of this VSP dataset is high. In order not to limit this initially but still eliminate some high frequency noise a wide zero phase Butterworth Bandpass filter was applied to the data limiting the bandwidth to 3-150 Hz.

3.7 Trace Normalization

Trace equalization was applied by normalizing the RMS amplitude of the first break to correct for transmission losses of the direct wave. A normalization window of 300 milliseconds was used.

3.8 Wavefield Separation

A velocity filter (coherency) technique was used to separate upgoing and downgoing wavefields.

The downgoing coherent compressional energy is estimated using a 9x1 level Tuckey tri-mean velocity filter parallel to the direct arrival curve. The filter array is moved down one level after each computation and the process is repeated level by level over the entire dataset. The downgoing P wavefield is displayed in Figure 9.

The residual wavefield is obtained by subtracting the estimated downgoing coherent energy from the total wavefield. The residual wavefield is dominated by reflected compressional P events as shown in one way time in Figure 10.

3.9 Zero Phase Waveshape Deconvolution

The waveshaping process shortens the seismic pulse within traces and centers their amplitude peak on the reflector. This improves the resolution of the seismic data and helps to clarify the correlation of the seismic events. It is also applied to collapse the recorded multiples.

The waveshaping deconvolution operator is a double-sided Wiener-Levinson waveshaping filter. The operator is computed for each level of the downgoing wavefield using a window length of 0.5 s starting 10 ms before the picked break times in order to include the wavelet precisely. The designed outputs were chosen to be zero phase with a bandwidth of 5-80 Hz. Once the design is made upon the downgoing wavefield, it is applied to the both downgoing and upgoing wavefields at the same level as displayed in Figures 11 and 12.

3.10 Spherical Divergence Correction

To correct the recorded amplitudes for the loss of energy due to the spherical divergence of the wave front, a time varying gain function of the exponential form:

$$Gain(T) = \left(\frac{T}{T_0} \right)^a$$

where T is the recorded time, T_0 is the first break time and $\alpha = 1.2$ was applied.

3.11 Upgoing Enhancement

A velocity filter (coherency) technique was used to enhance the zero phase upgoing wavefield.

The upgoing coherent compressional energy is estimated using a 5x1 level tri-mean velocity filter orthogonal to the direct arrival curve. The filter array is moved down one level after each computation and the process is repeated level by level over the entire dataset. This enhanced upgoing wavefield is displayed in one way time (OWT) in Figure 13.

3.12 Corridor Stack

A corridor stack in two way time (TWT) was computed on the enhanced deconvolved upgoing wavefield by designing a constant 25 ms timing window along the two-way time depth curve and stacking the data onto a single trace. The deepest 6 traces are stacked entirely. The resulting trace provides the seismic representation of the borehole in vertical two-way time. This corridor stack is also displayed in Figure 14a along with the enhanced upgoing wavefield in two way time.

At this stage the zero phase upgoing wavefield and corridor stack are rotated +90 deg to obtain the quadrature phase results shown in Figure 14b.

3.13 Composite Displays of Results

All composite displays were done with the quadrature phase (+90 deg) data.

Snapshots of the enclosed large scale 40 cm/s composite displays (PLOT-1 and 2) of VSP calibrated logs, VSP, Synthetic and Surface Seismic data are shown in figures 15a and 15b.

Similarly figures 16a/b show snapshots of the 100 cm/s Zoom displays. The polarity convention used (Normal: Increase in Acoustic Impedance is a trough followed by a peak) is explained in Figure 19.

Composite displays show VSP Corridor Stacks of several different stacking window widths and part of the surface seismic section along the well trajectory (Inline 997). The best match was obtained with a short window of 25ms.

Composite displays also present the Synthetics and the VSP calibrated logs.

There is a fairly good correlation between the surface seismic traces along the well location, the VSP Corridor Stack and the 25 Hz synthetic seismic data. To obtain a better match with the surface seismic section an additional 5-60 Hz 3rd order Butterworth band pass filter was applied to the corridor stack.

To match the corridor stack /synthetic traces to the surface seismic data a time shift of +20 ms for the surface seismic is needed to tie the data.

4 Sonic Calibration Processing

4.1 Sonic Calibration

A 'drift' curve is obtained using the sonic log and the vertical check level times. The term 'drift' is defined as the seismic time (from check shots) minus the sonic time (from integration of edited sonic). Commonly the word 'drift' is used to identify the above difference, or to identify the gradient of drift versus increasing depth, or to identify a difference of drift between two levels.

The gradient of drift, that is the slope of the drift curve, can be negative or positive.

For a negative drift (Δdrift/Δdepth < 0) the sonic time is greater than the seismic time over a certain section of the log.

For a positive drift (Δdrift/Δdepth > 0), the sonic time is less than the seismic time over a certain section of the log.

The drift curve, between two levels, is then an indication of the error on the integrated sonic or an indication of the amount of correction required on the sonic to have the TTI of the corrected sonic match the check shot times.

Two methods of correction to the sonic log are used.

1. Uniform or block shift. This method applies a uniform correction to all the sonic values over the interval. This uniform correction is applied in the case of positive drift and is the average correction represented by the drift curve gradient expressed in µsec/m .

2. ΔT Minimum. In the case of negative drift a second method is used, called Δ minimum. This applies a differential correction to the sonic log, where it is assumed that the greatest amount of transit time error is caused by the lower velocity sections of the log. Over a given interval the method will correct only Δt values which are higher than a threshold, the Δt_{min} . Values of Δwhich are lower than the threshold are not corrected. The correction is a reduction of the excess of Δt over Δt_{min}, $\Delta t - \Delta t_{min}$.

$\Delta t - \Delta t_{min}$ is reduced through multiplication by a reduction coefficient which remains constant over the interval. This reduction coefficient, named G, can be defined as:

$$G = 1 + \frac{drift}{(\Delta t - \Delta t_{min})dZ}$$

Where drift is the drift over the interval to be corrected and the value $(\Delta t - \Delta t_{min})dZ$ is the time difference between the integrals of the two curves Δt and Δt_{min}. only over the intervals where $\Delta t > \Delta t_{min}$.

Hence the corrected sonic: $\Delta t = G(\Delta t - \Delta t_{min}) + \Delta t_{min}$.

4.2 Open Hole Logs

The provided digital log data consisted of a processed DSI Open and Cased hole sonic dataset that required some editing and depth matching. The computed spliced DTCO curve was used for drift computation. The log quality is fair to good.

The density log was available over the TD Open hole section only and has been extended upwards using a constant value. Other logs included as companion curves are: Gamma Ray, Neutron Porosity, Resistivity (RT) and Caliper.

4.3 Correction to Datum and Velocity Modeling

The sonic calibration processing has been referenced to Mean Sea Level, which is the seismic reference datum. Geometry corrections are applied to correct for source offset, source depth and SRD elevation.

4.4 Sonic Calibration Results

The checkshot near the top of the sonic log (1579 m MD DF) is chosen as the origin for the calibration drift curve. The compressional sonic log was extended using the check shot levels and the given water bottom depth.

The drift curve is the correction imposed upon the sonic log. The adjusted sonic curve is considered to be the best result using the available data. A list of shifts used on the sonic data is given in A2 Listing (supplied in digital form on Final Results CD-ROM). The drift curve shows mostly a fairly smooth positive drift consistent with sonic vs seismic velocity dispersion effects.

In the deviated part of the well below approximately 3000 m TVD MSL the drift curve trend abruptly changes to a negative drift. This means that the seismic times are faster then the sonic times, which could be an indication of anisotropy, near well bore damage or (most probably) seismic ray path effects (ray paths which allow a shorter travel time then the assumed straight line ray path).

In accordance with Anzon's instructions the final drift curve was chosen to match the drift trend seen in Basker-1 as shown in Figure 18. The drift at TD location is extrapolated as +11ms.

The Velocity Cross plot is presented in Figure 17 and as a separate plot.

5 Synthetic Seismogram Processing

GEOGRAM plots were generated using four different wavelets: 20, 25, 30 and 35 Hz (Dominant Frequency) Quad Phase (i.e. +90 deg rotated zero phase) Ricker wavelets.

The presentation includes composite plots on a time scale of 40 cm/sec in both normal and reverse polarity (Plots 1 and 2) as well as zoomed displays on a time scale of 100 cm/sec in both normal and reverse polarity (Plots 1z and 2z).

GEOGRAM processing produces synthetic seismic traces based on reflection coefficients generated form sonic and density measurements in the wellbore. The steps in the processing chain are the following:

- Depth to time conversion
- Reflection coefficient generation
- Attenuation coefficient calculation
- Convolution
- Output

5.1 Depth to Time Conversion

Open hole logs are recorded from the bottom to top with a depth index. This data is converted to a two-way time index.

5.2 Primary Reflection Coefficients

Sonic and density data are averaged over chosen time intervals (normally 2 ms). Reflection coefficients are then computed using:

$$R = \frac{r_2.v_2 - r_1.v_1}{r_2.v_2 + r_1.v_1}$$

where:

r_1 = density of the layer above the reflection interface
r_2 = density of the layer below the reflection interface
v_1 = compressional wave velocity of the layer above the reflection interface
v_2 = compressional wave velocity of the layer below the reflection interface

This computation is done for each time interval to generate a set of primary reflection coefficients without transmission losses.

5.3 Primaries with Transmission Losses

Transmission loss on two-way attenuation coefficients is computed using:

$$A_n = (1 - R_1^2).(1 - R_2^2).(1 - R_3^2)...(1 - R_n^2)$$

A set of primary reflection coefficients with transmission loss is generated using:

$$Primary_n = R_n.A_{n-1}$$

5.4 Primaries plus Multiples

Multiples are computed from these input reflection coefficients using the transform technique from the top of the well to obtain the impulse response of the earth. The transform outputs primaries plus multiples.

5.5 Multiples Only

By subtracting previously calculated primaries form the above result we obtain multiples only.

5.6 Wavelet

A theoretical wavelet is chosen to use for convolution with the reflection coefficients previously generated. Choices available include:

Klauder wavelet
Ricker zero phase wavelet
Ricker minimum phase wavelet
Butterworth wavelet
User defined wavelet

Time variant Butterworth filtering can be applied after convolution.

5.7 Polarity Convention

An increase in acoustic impedance gives a positive reflection coefficient, is written to tape as a negative number and is displayed as a white trough under zero phase normal polarity. Polarity conventions are displayed in Figure 19. For quadrature phase normal polarity is defined as a white trough followed by a black peak.

5.8 Convolution

The standard procedure of convolving the wavelet with reflection coefficients; the output is the synthetic seismogram.

FIGURES

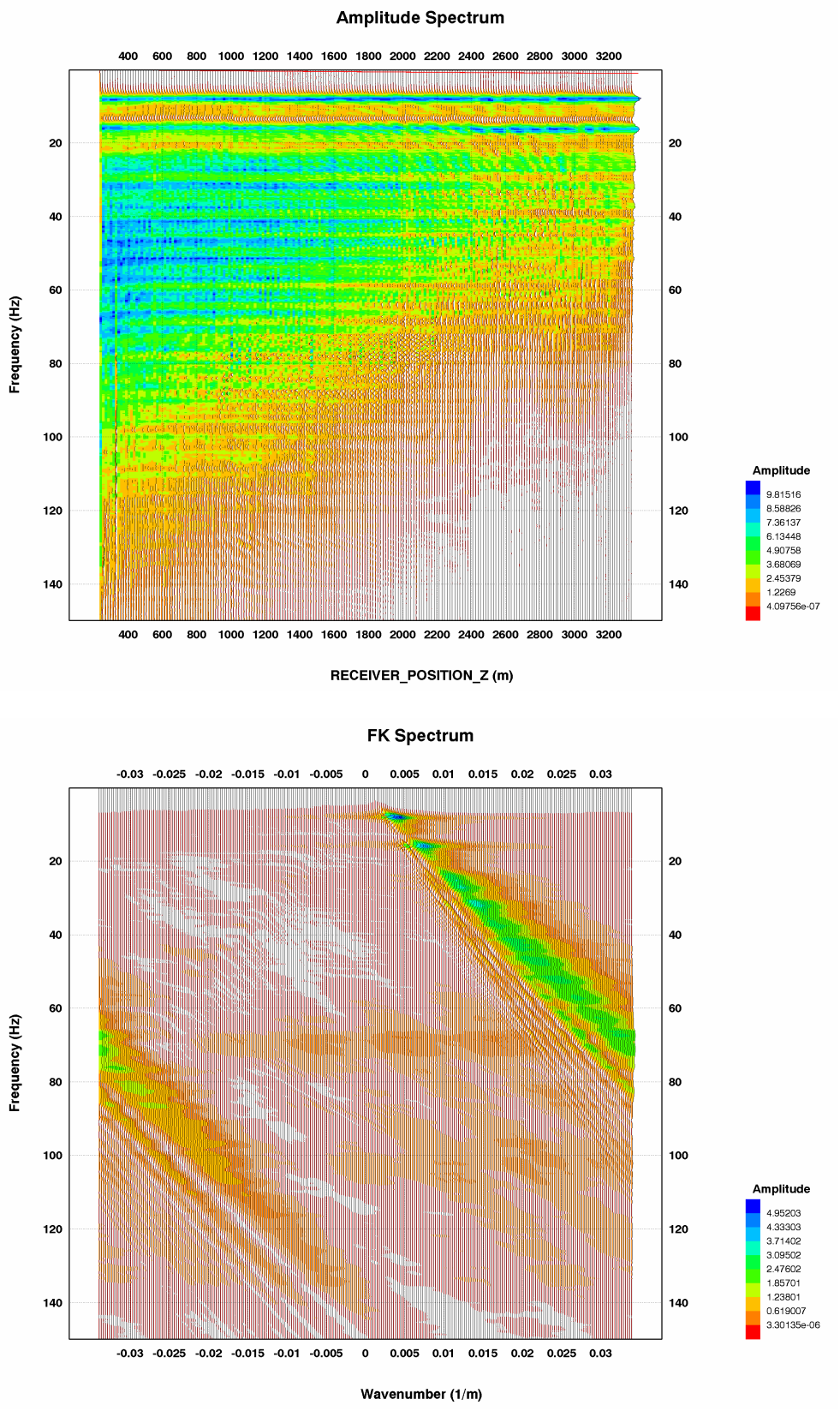

Figure 1. Amplitude and F-K Spectrum

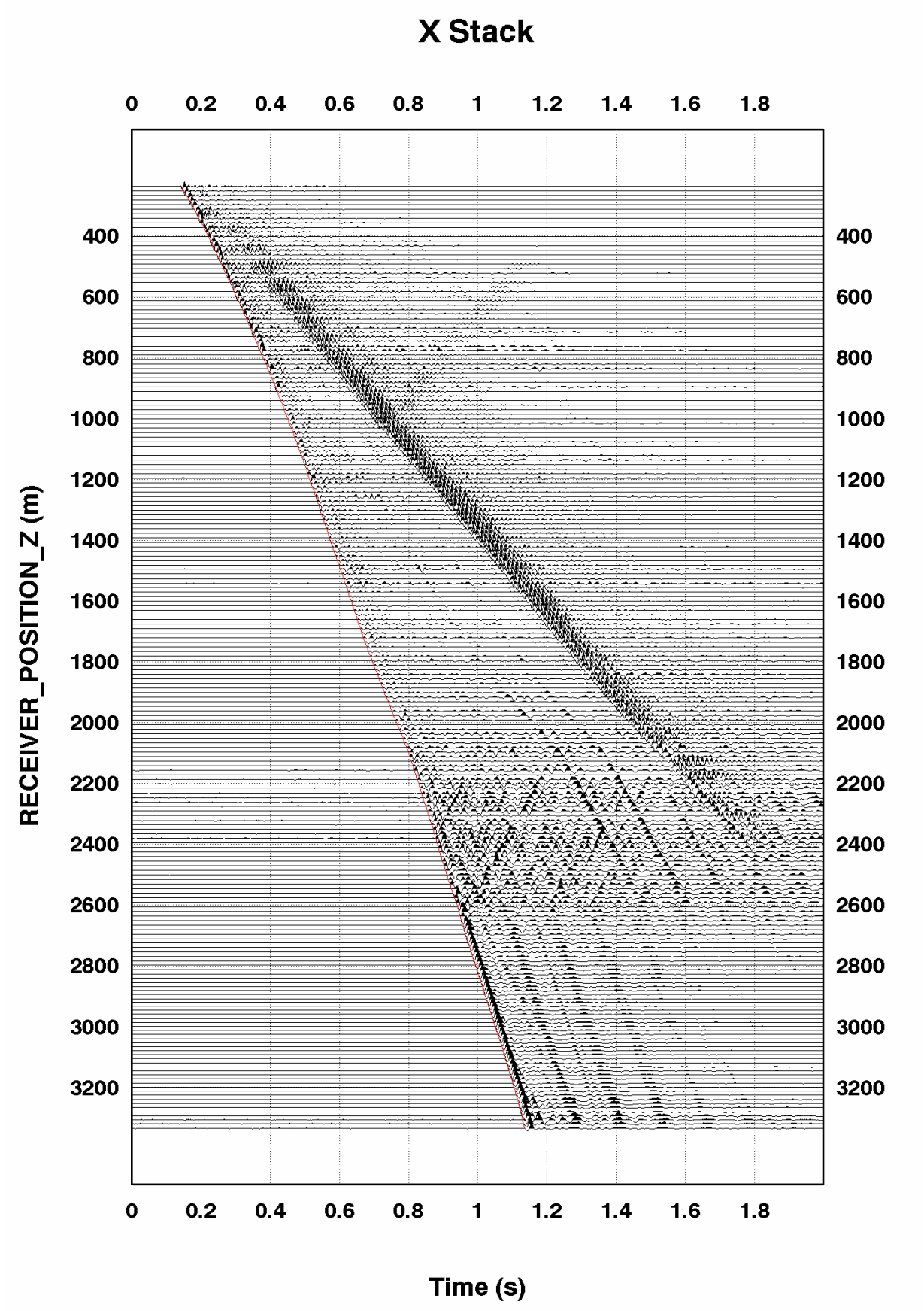

Figure 2. X Component Stack

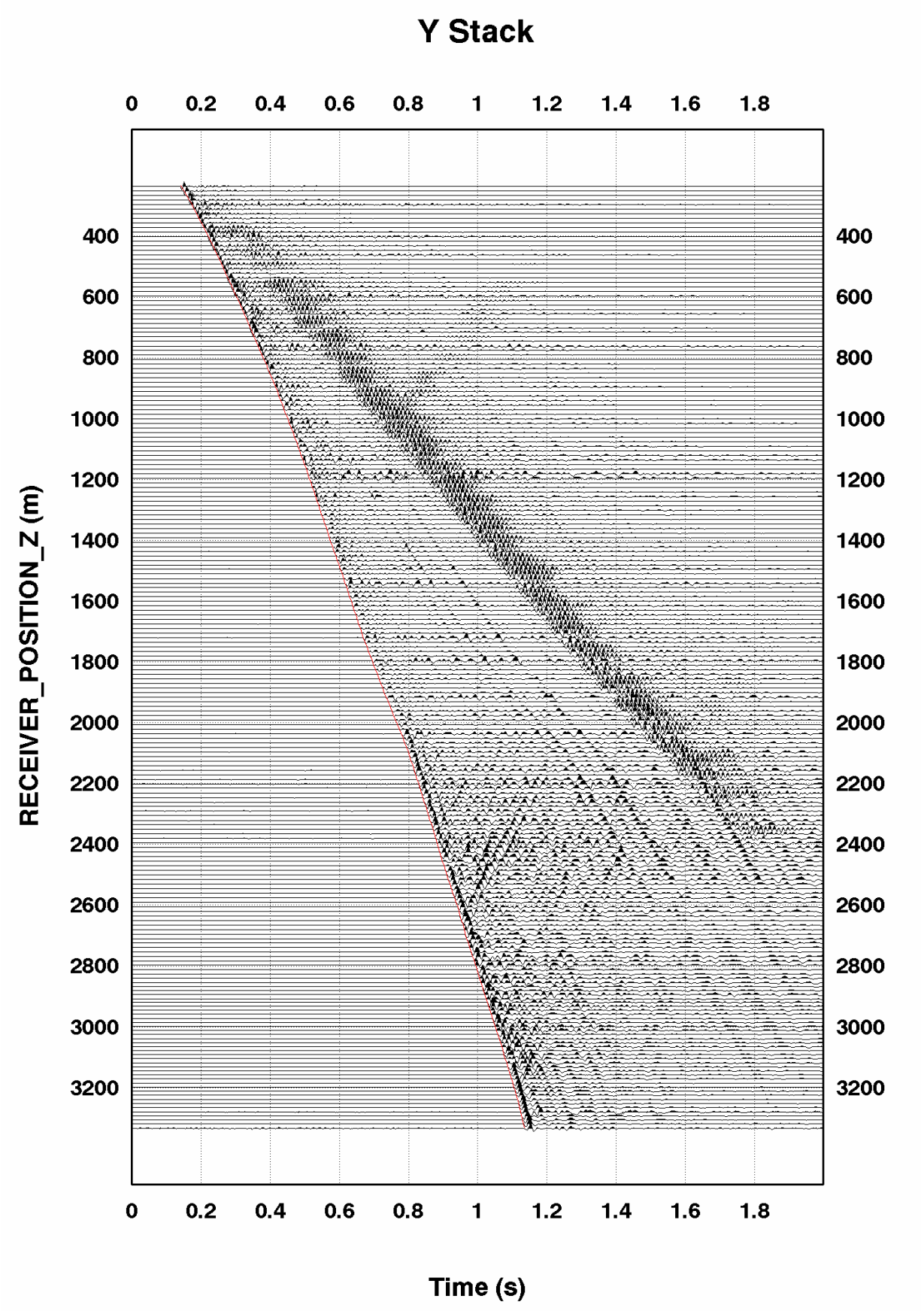

Figure 3. Y Component Stack

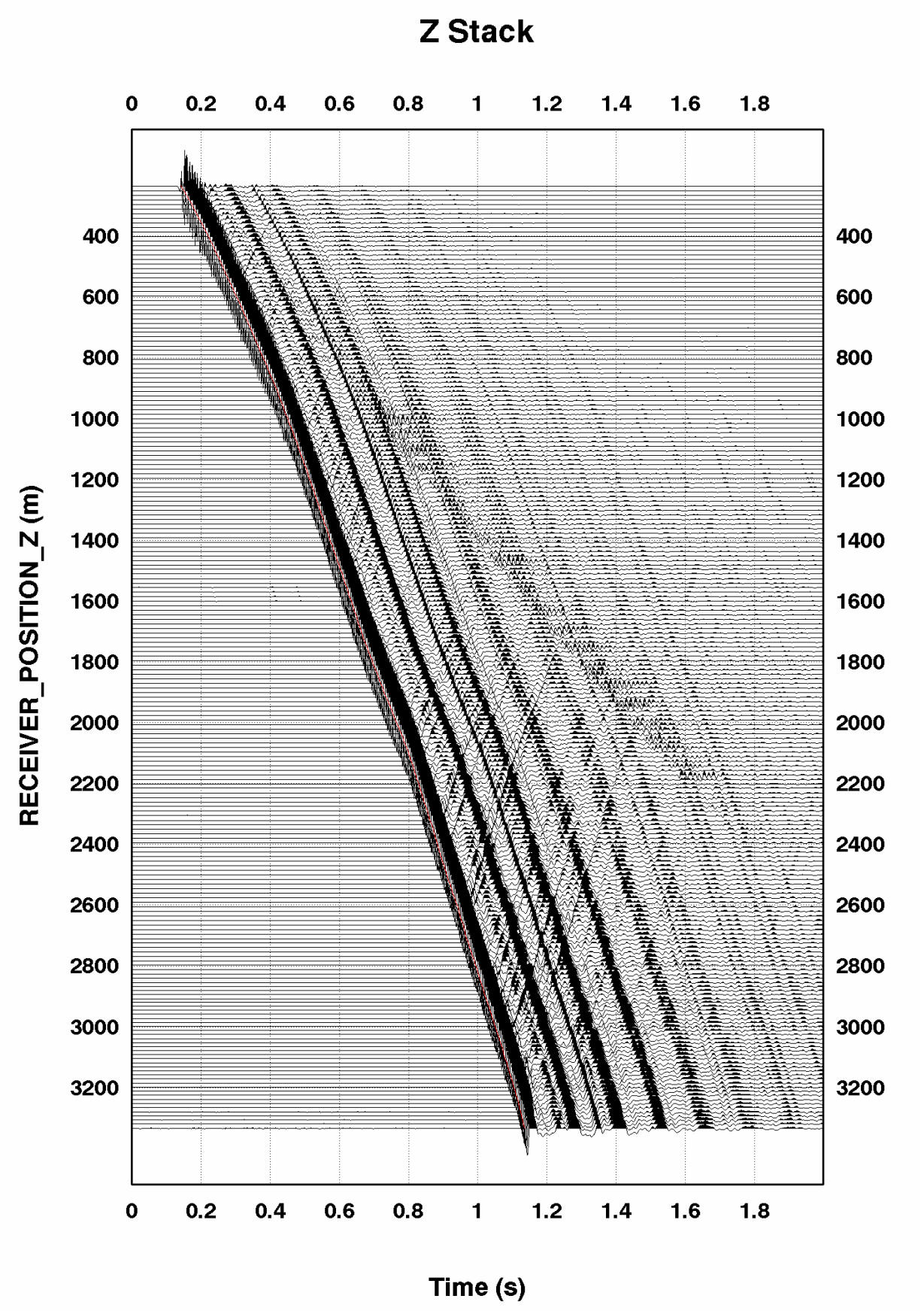

Figure 4. Z Component Stack

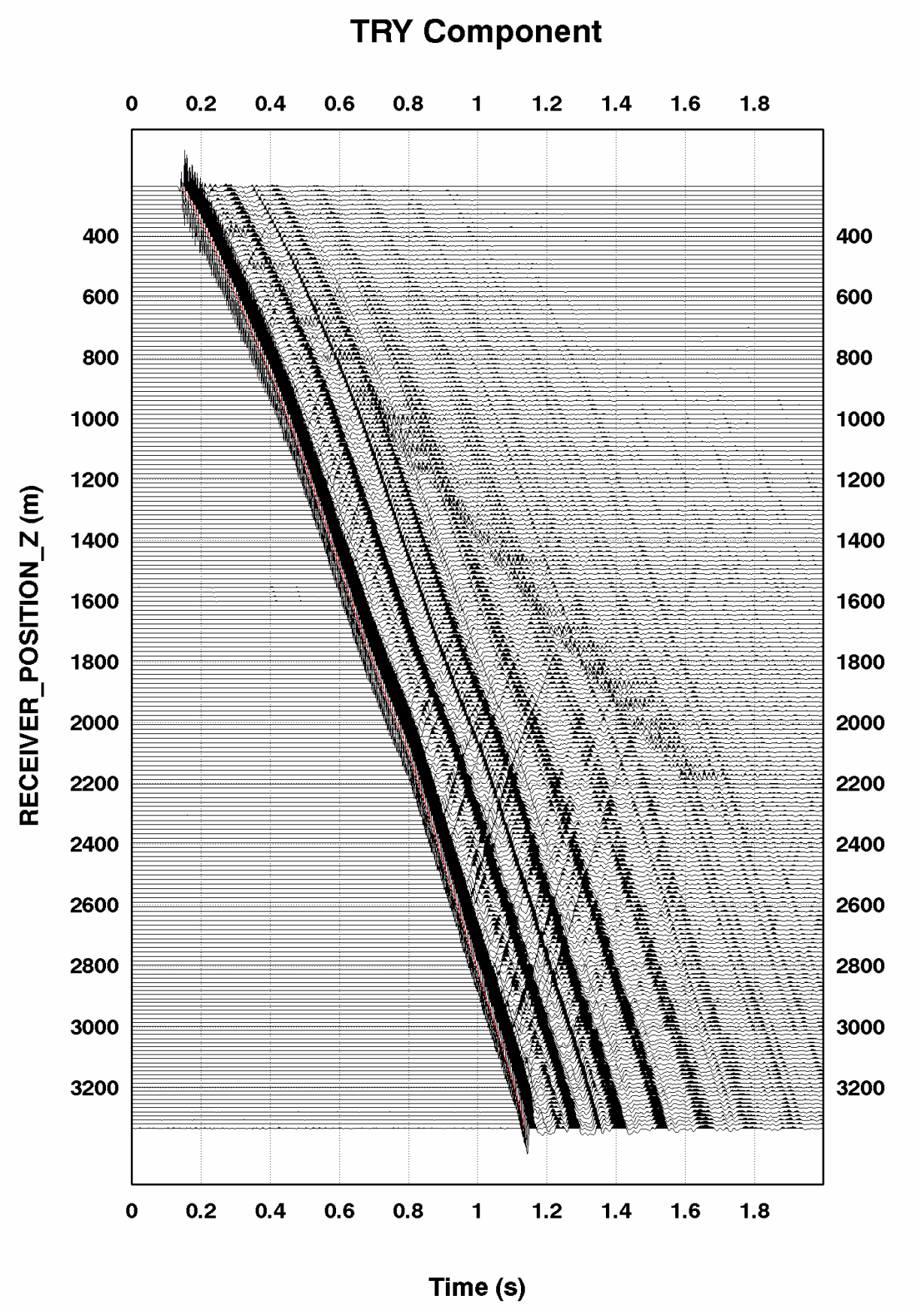

Figure 5. Rotation to maximum P energy – Tangent to Ray (TRY) Component

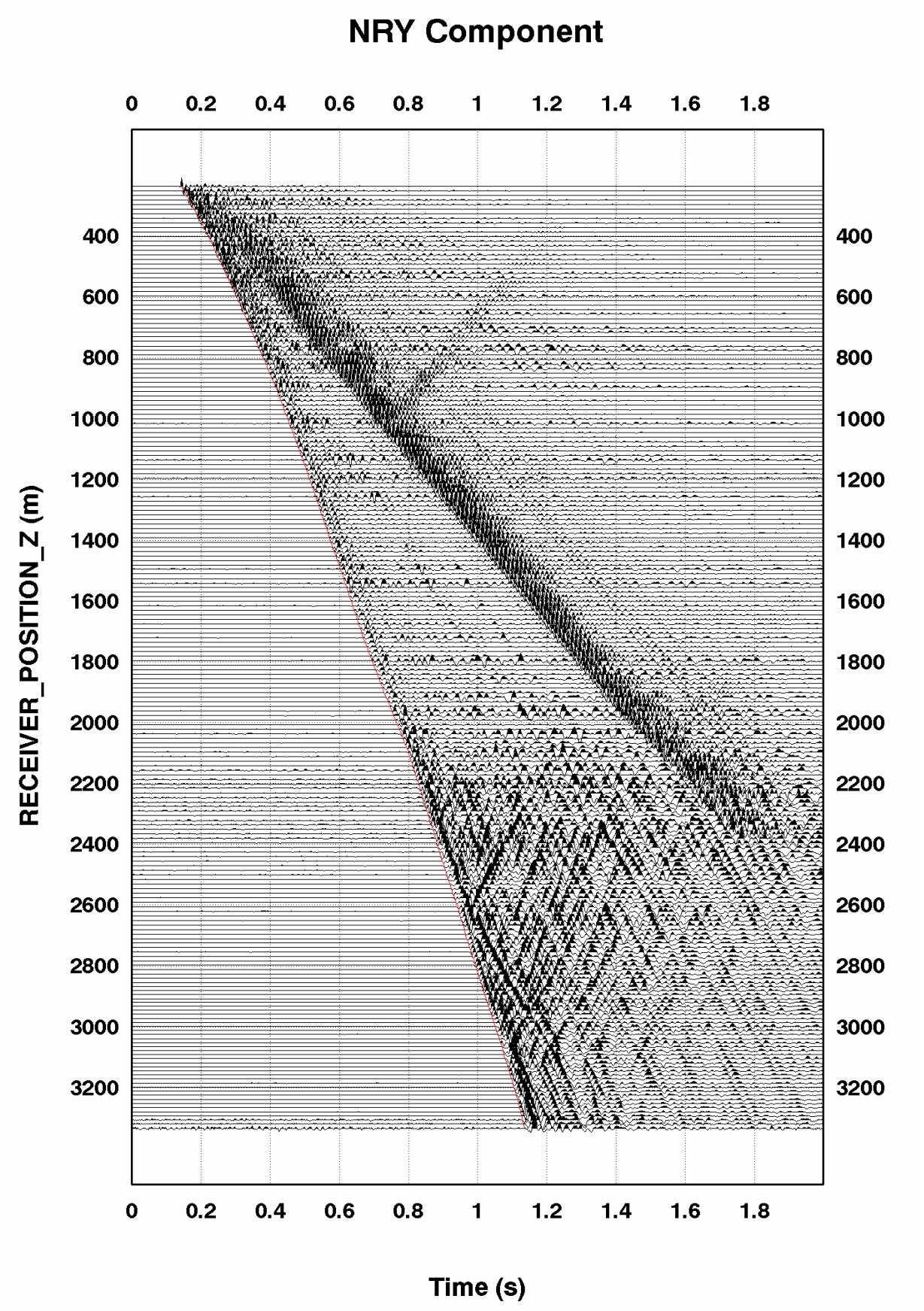

Figure 6. Rotation to minimum Inline P energy – Normal to Ray (NRY) Component

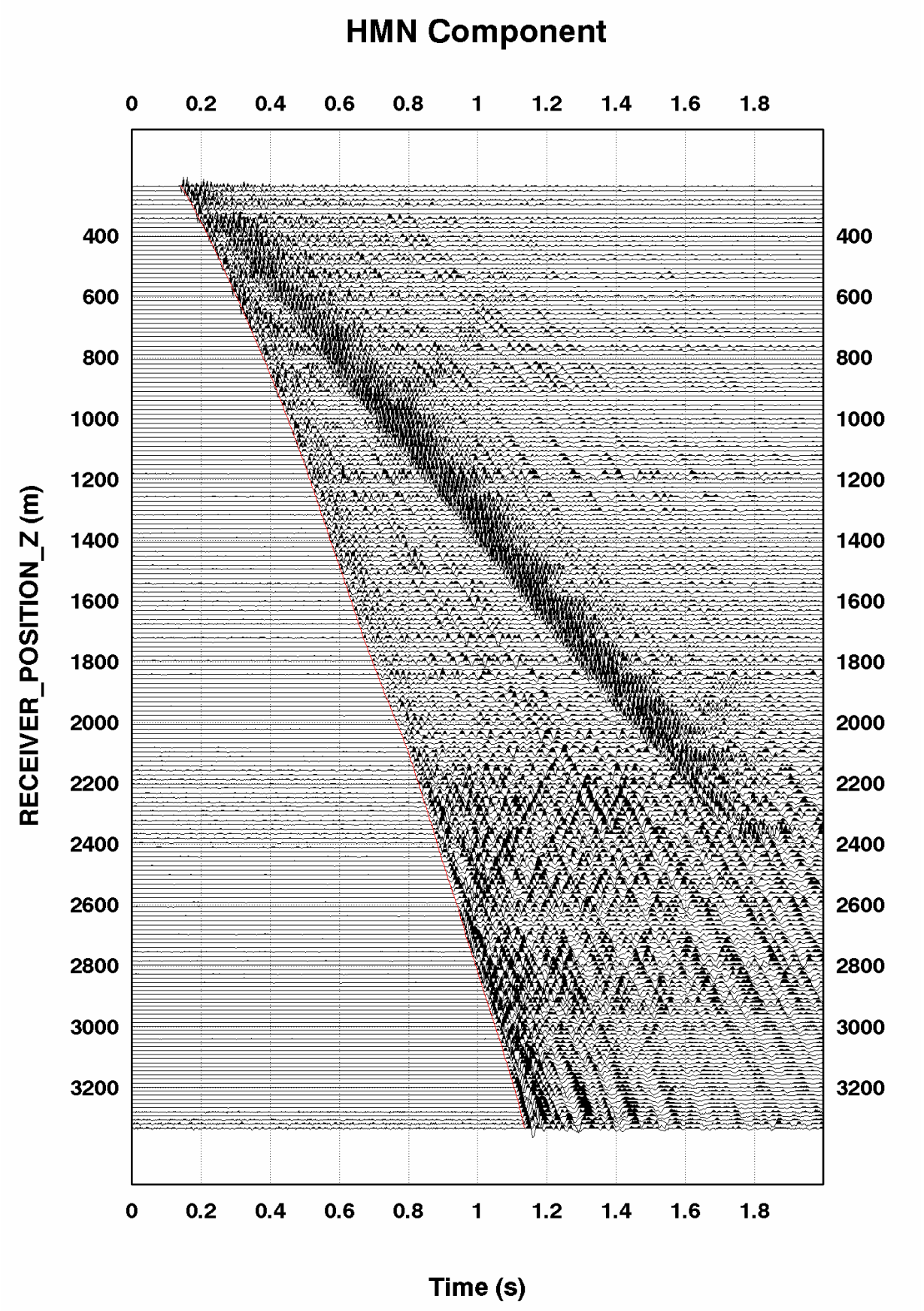

Figure 7. Rotation to minimum Crossline P energy – Horizontal Minimum (HMN) Component

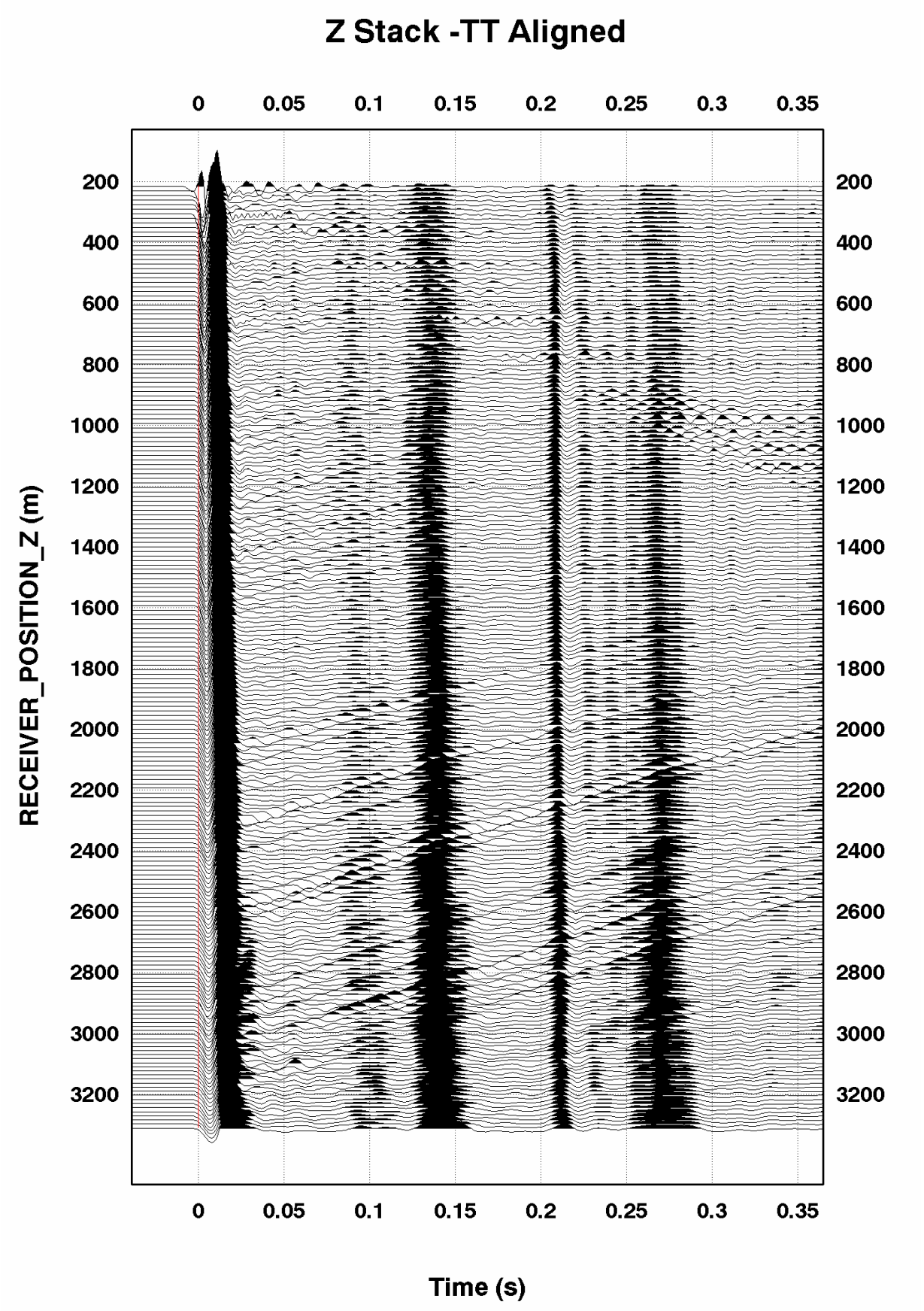

Figure 8. Full Wavefield –Transit Time Aligned

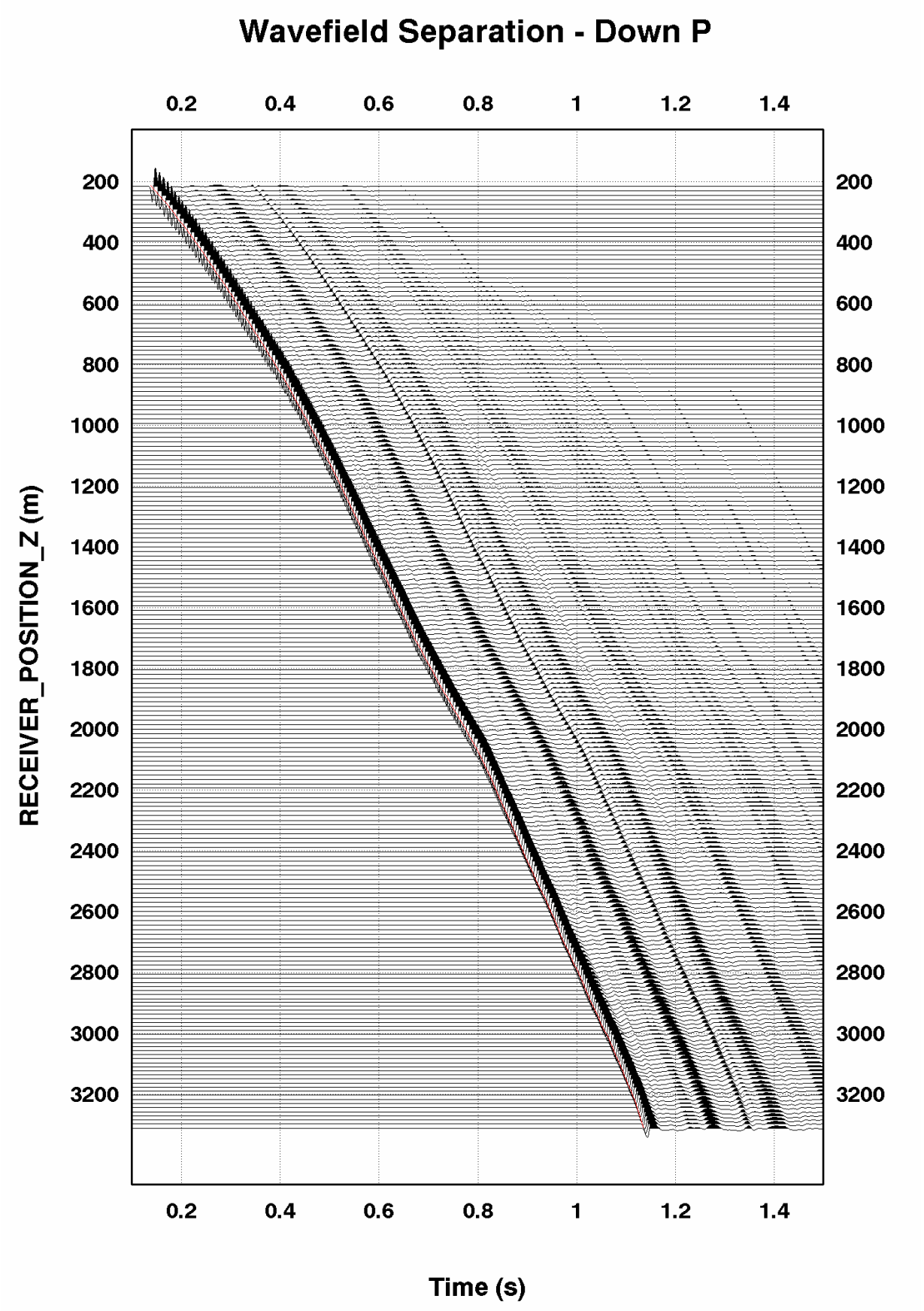

Figure 9. Downgoing Wavefield after Wavefield Separation

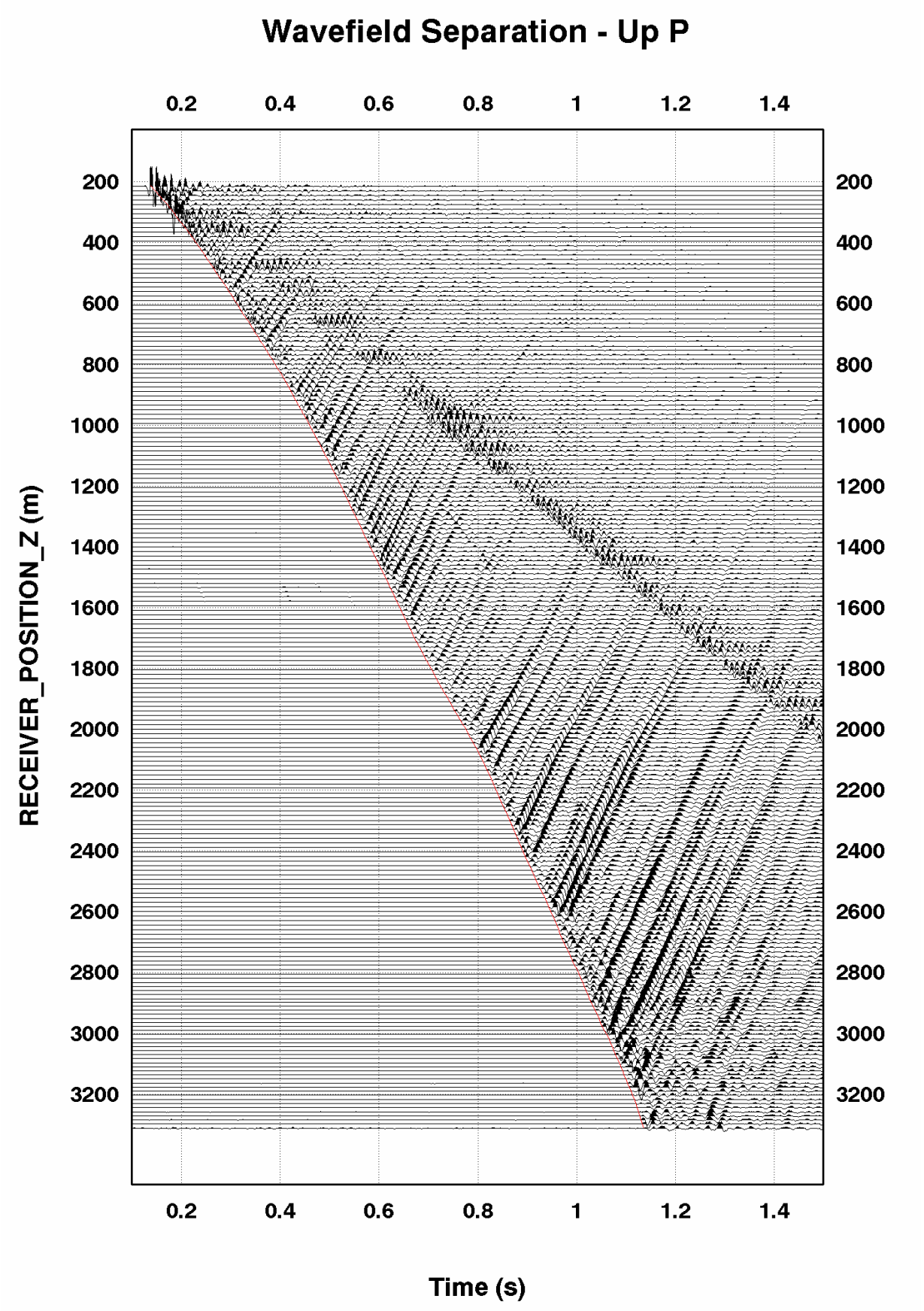

Figure 10. Upgoing Wavefield after Wavefield Separation

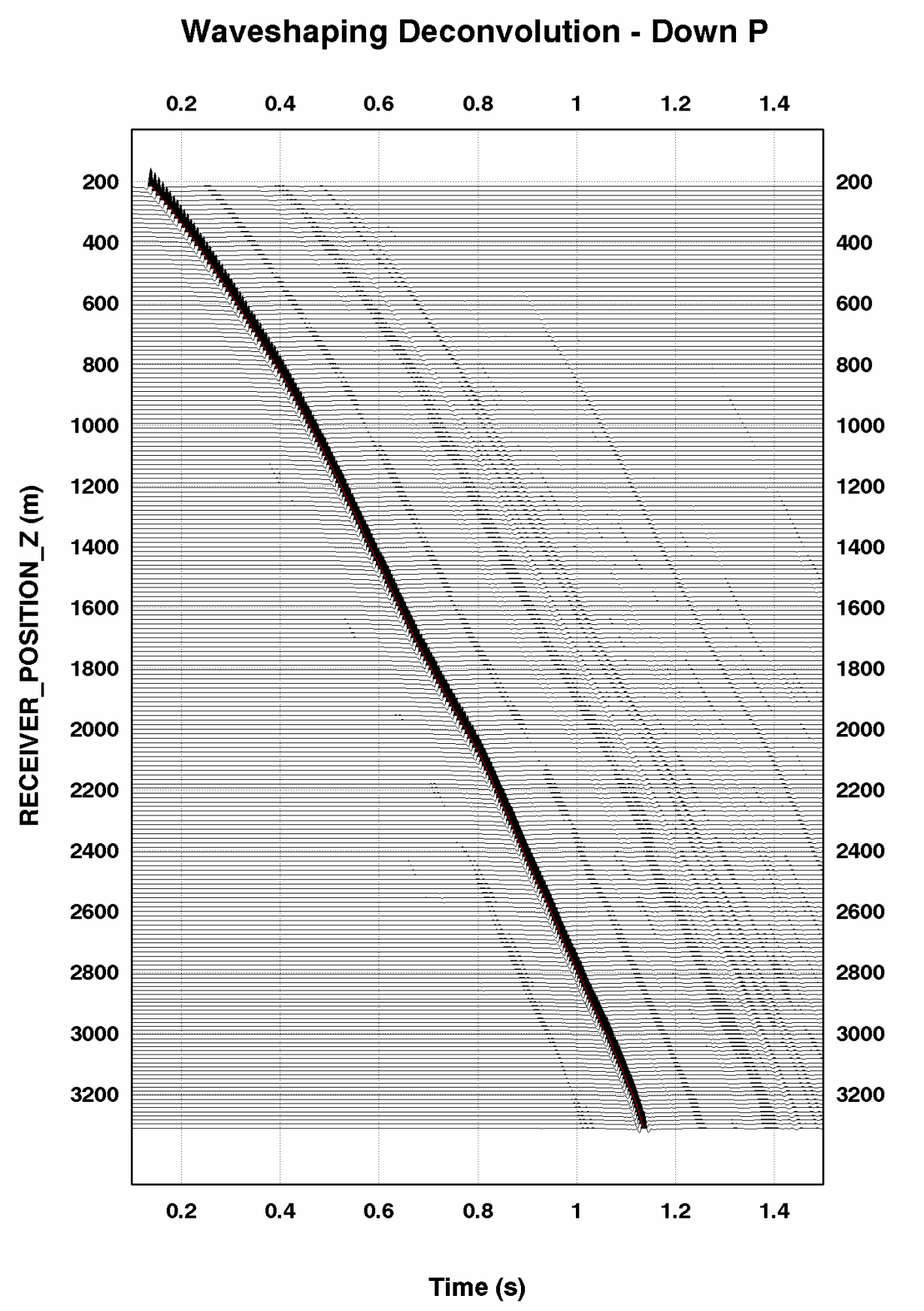

Figure 11. Downgoing Wavefield after Waveshaping Deconvolution

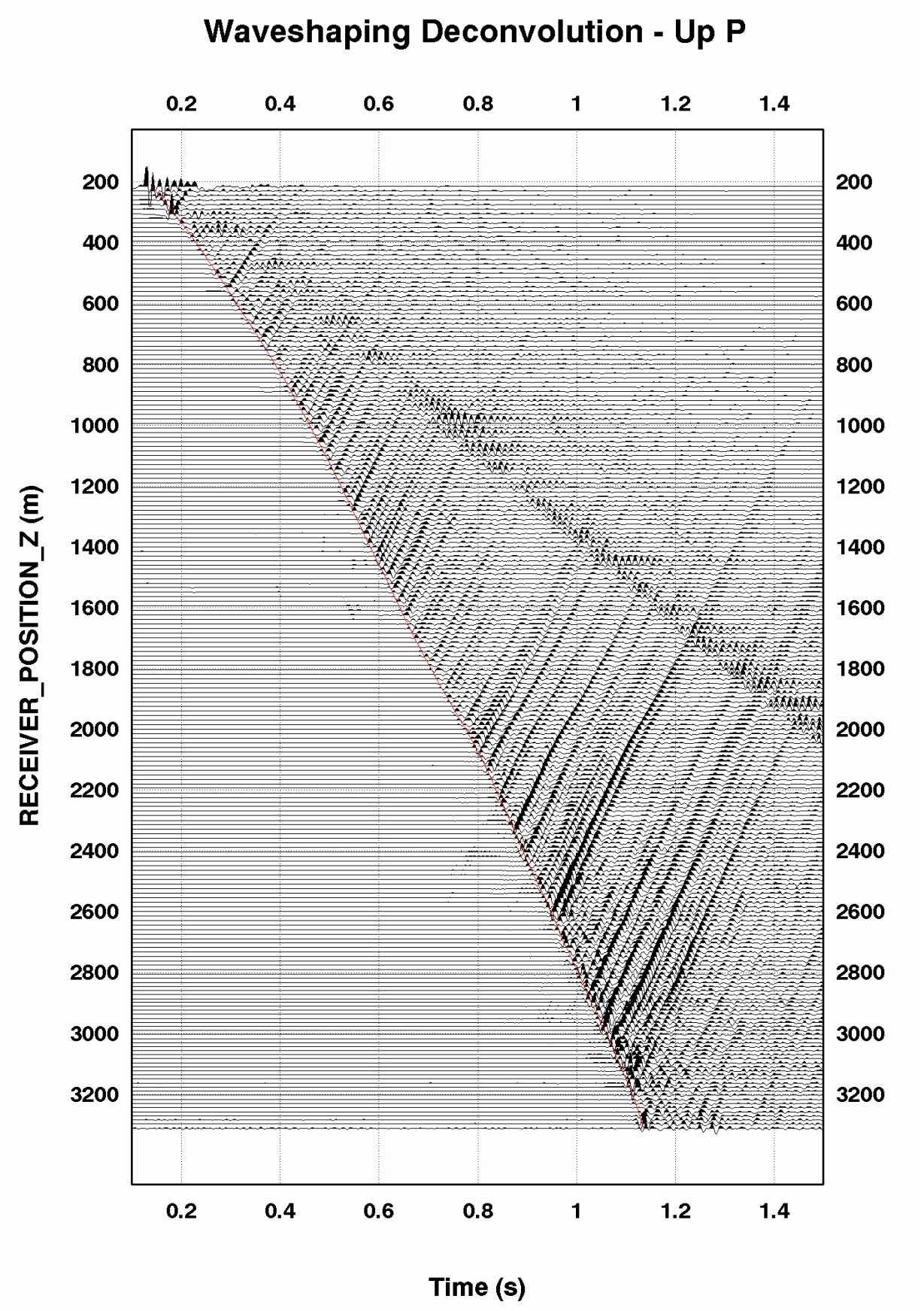

Figure 12. Upgoing Wavefield after Waveshaping Deconvolution

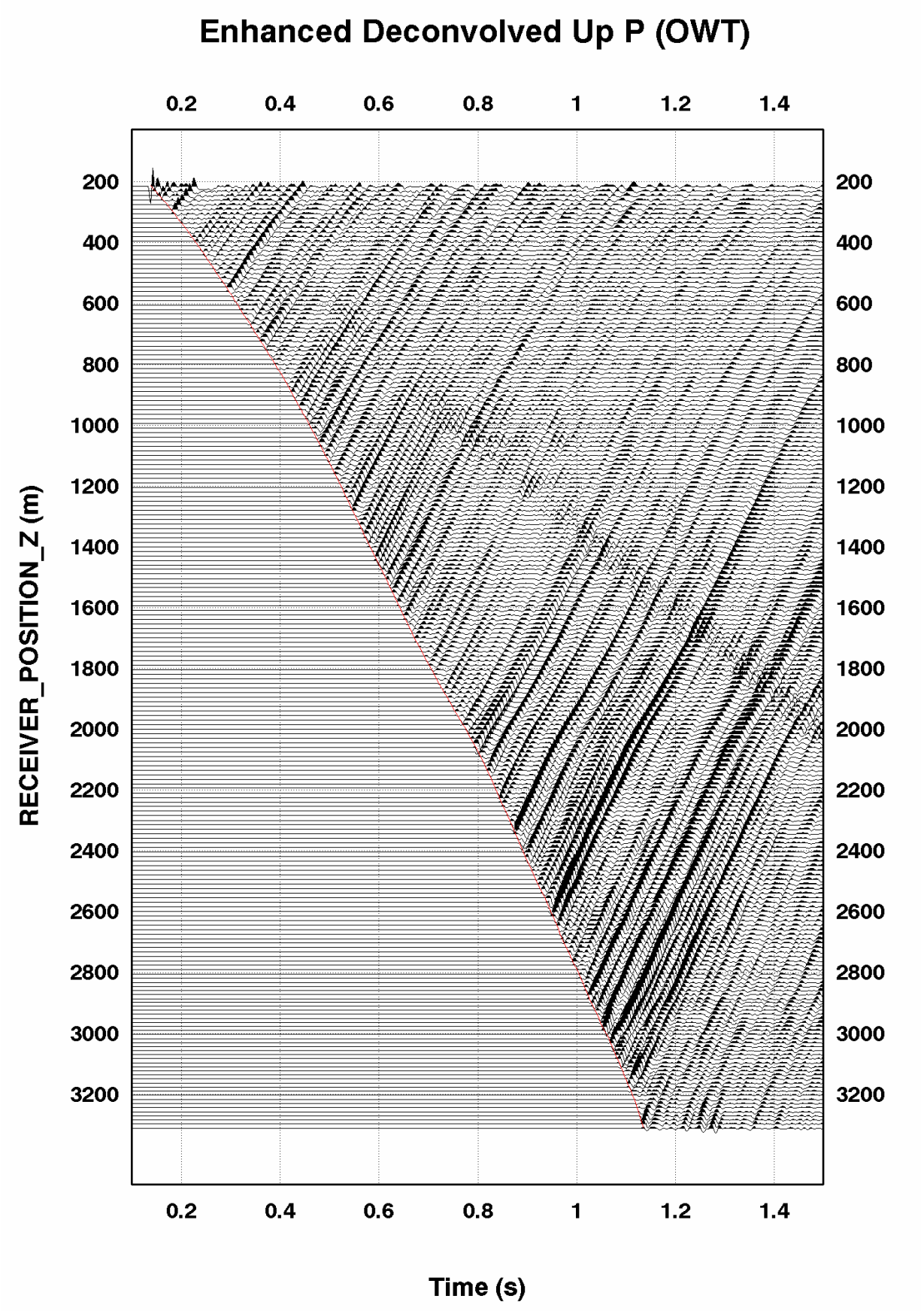

Figure 13. Enhanced Upgoing Wavefield after Waveshaping Deconvolution (OWT)

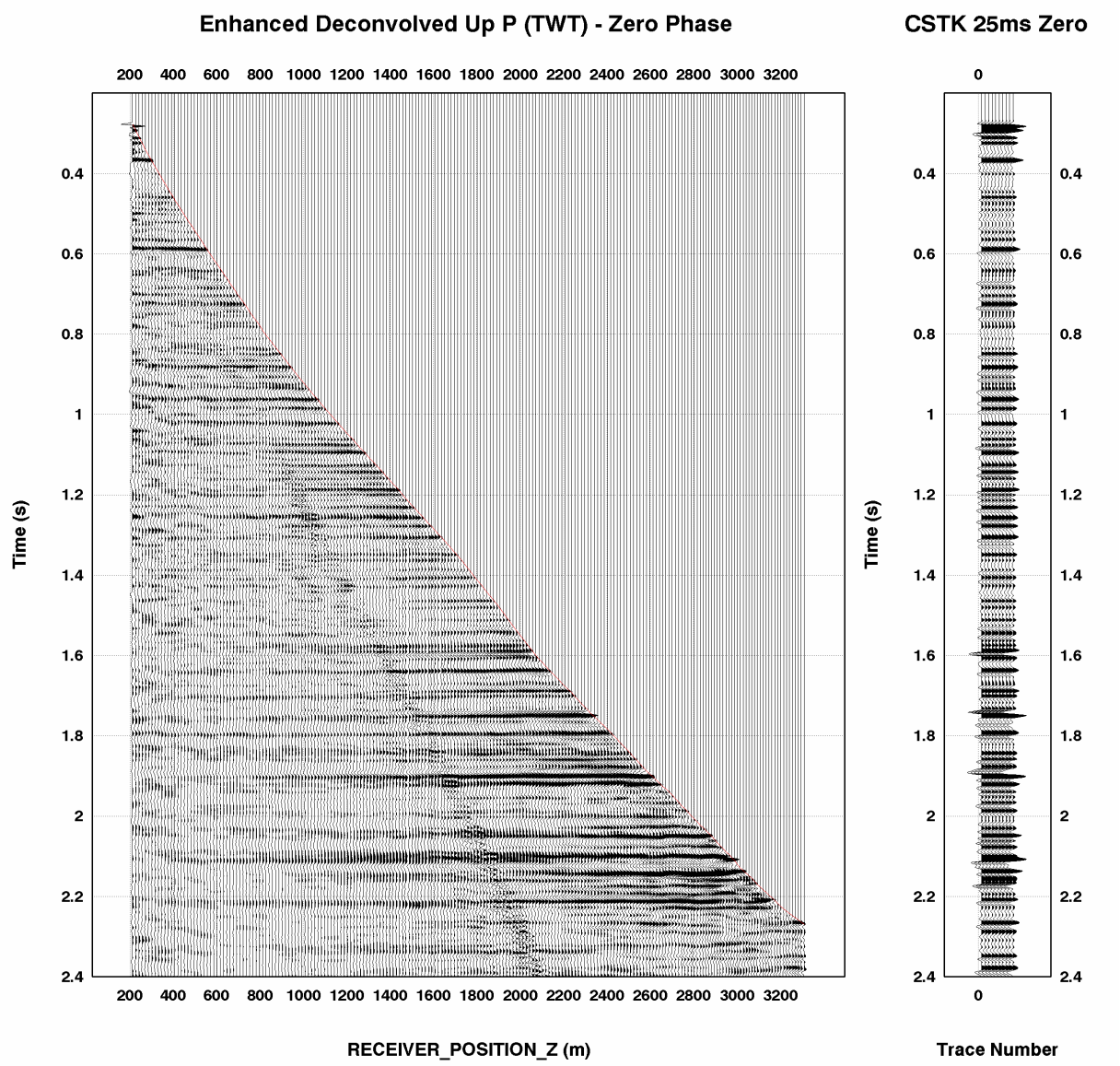

Figure 14a. Zero Phase - Enhanced Upgoing Wavefield and Corridor Stack

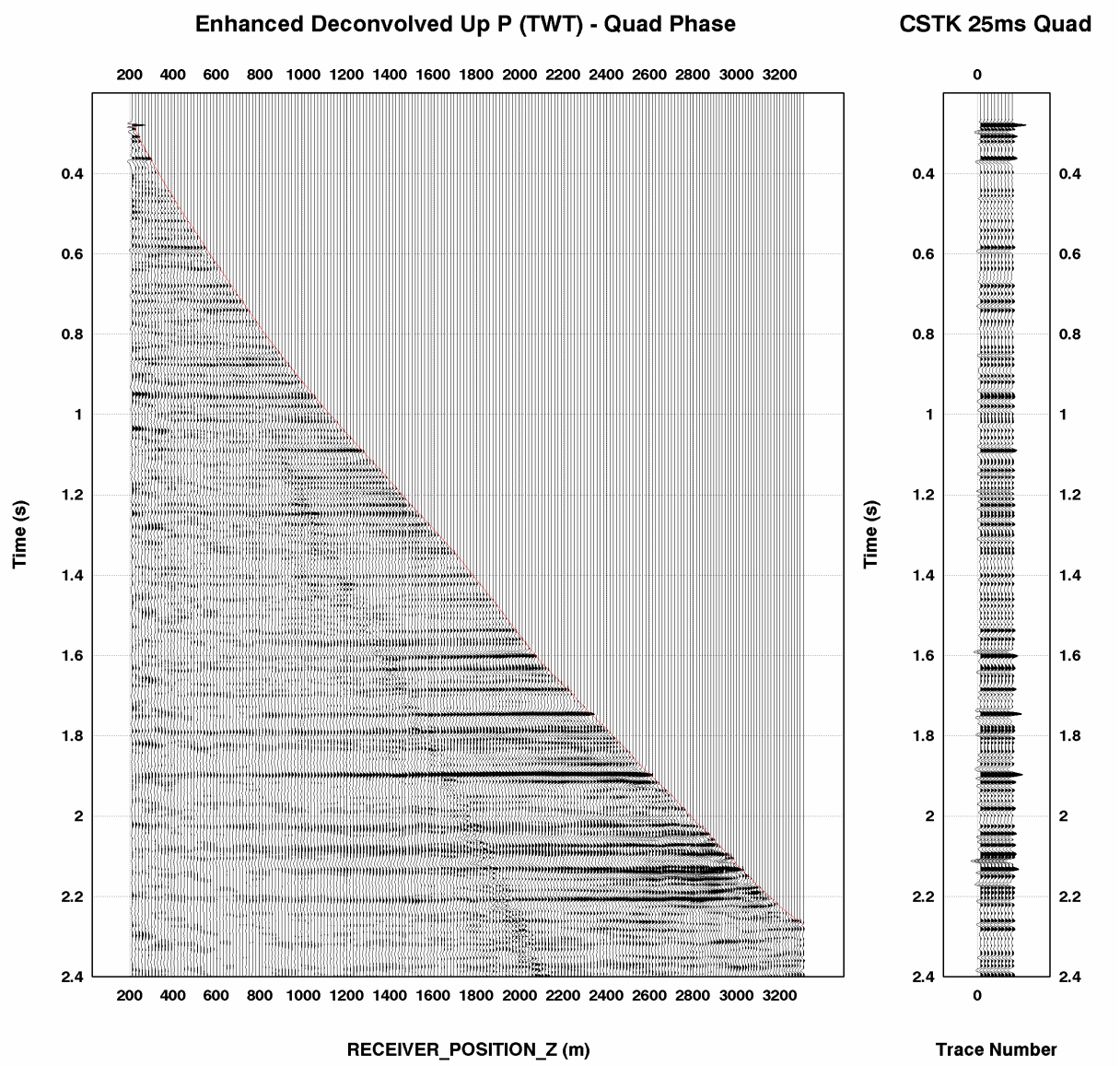

Figure 14b. Quadrature Phase - Enhanced Upgoing Wavefield and Corridor Stack

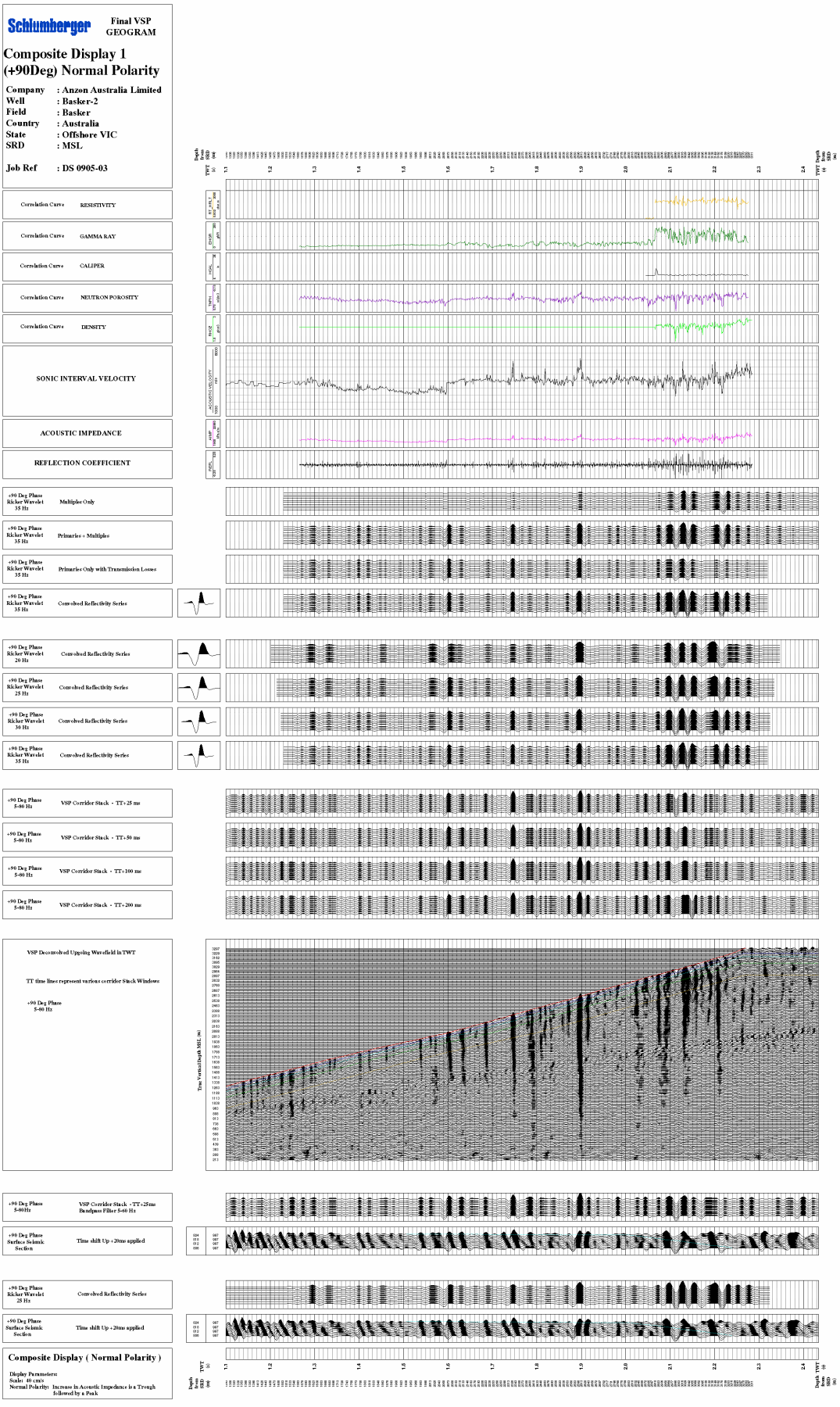

Figure 15a. Composite Display Plot 1 - Quadrature Phase / Normal Polarity

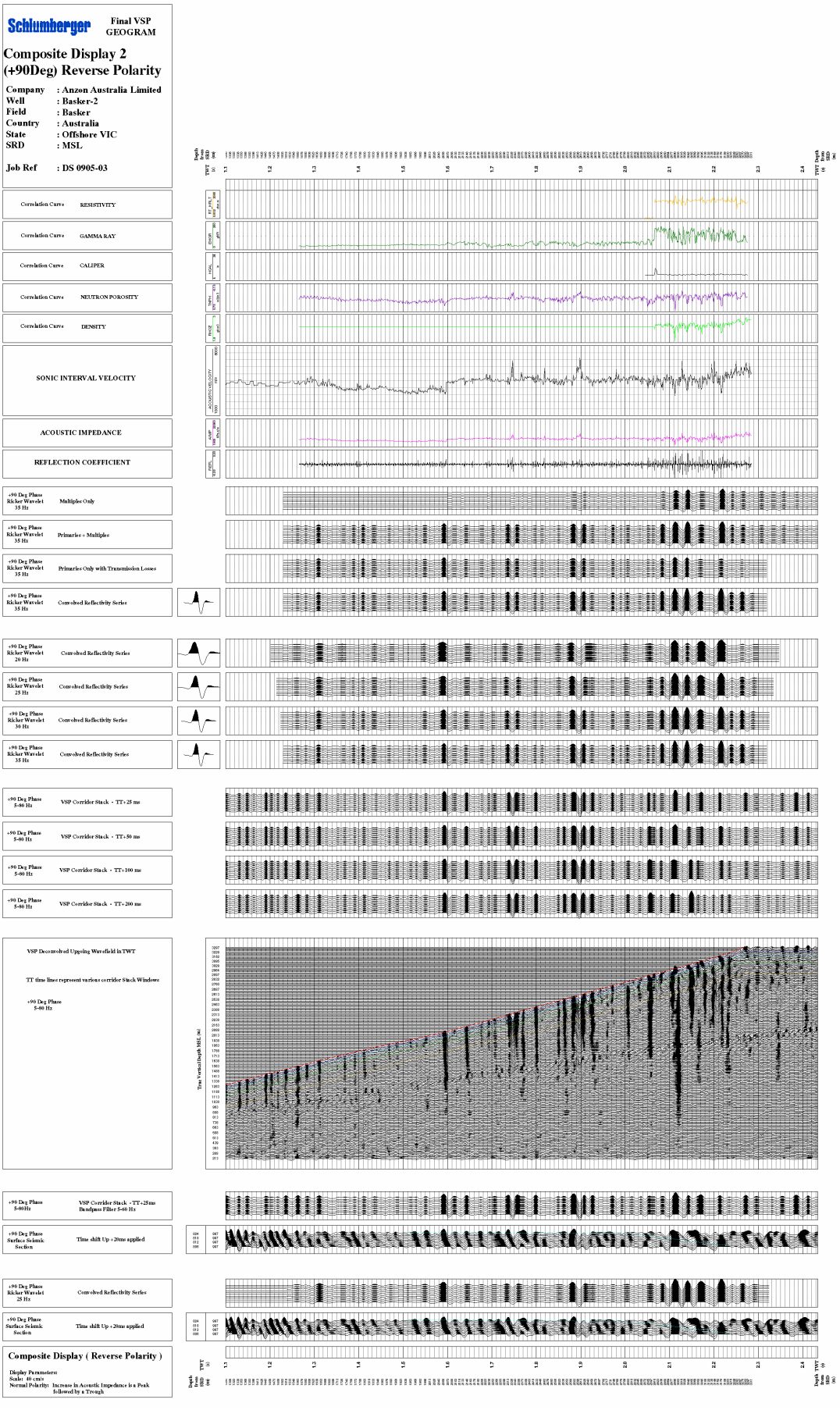

Figure 15b. Composite Display Plot 2 - Quadrature Phase / Reverse Polarity

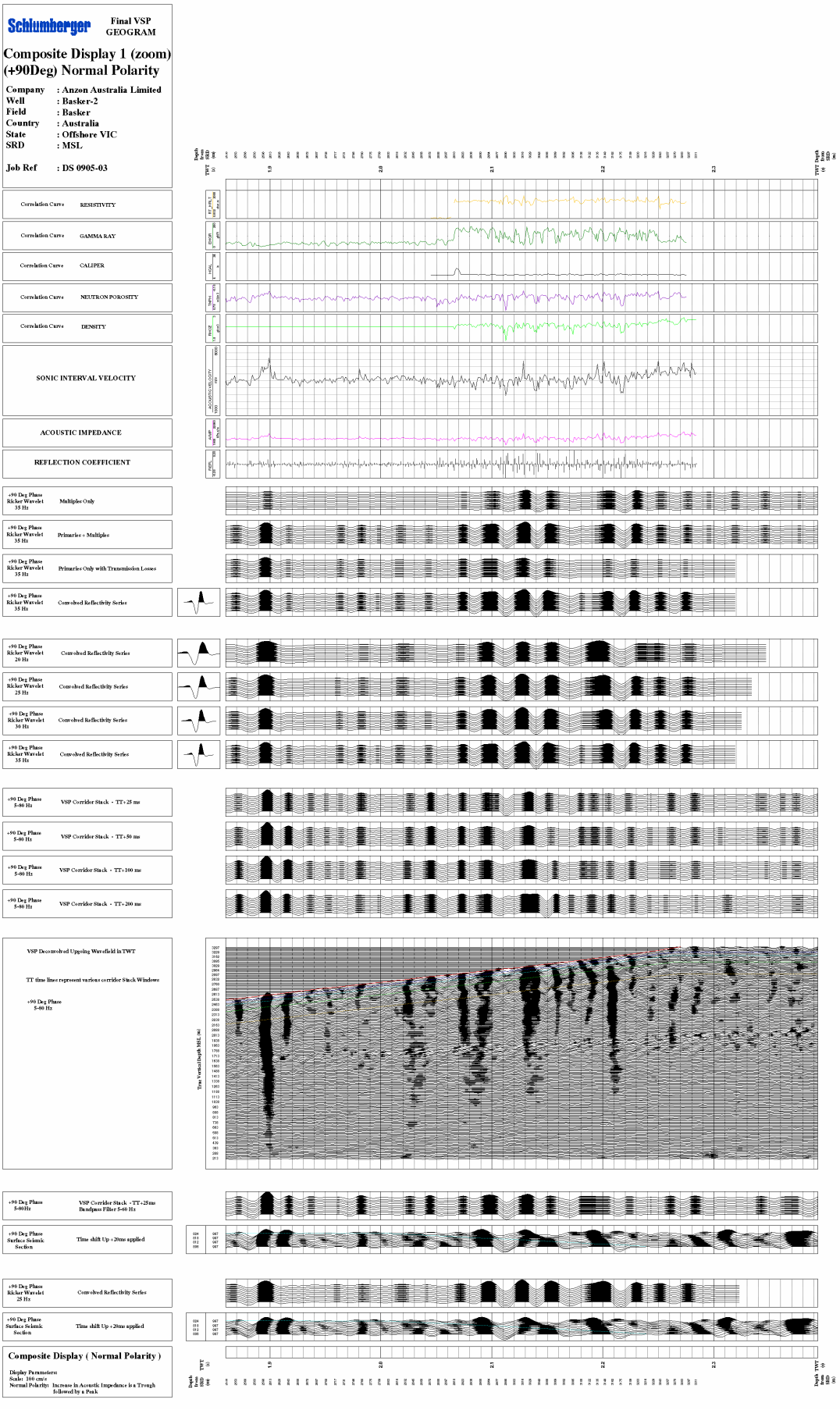

Figure 16a. Composite Display Plot 1z - Quadrature Phase / Normal Polarity / Zoom

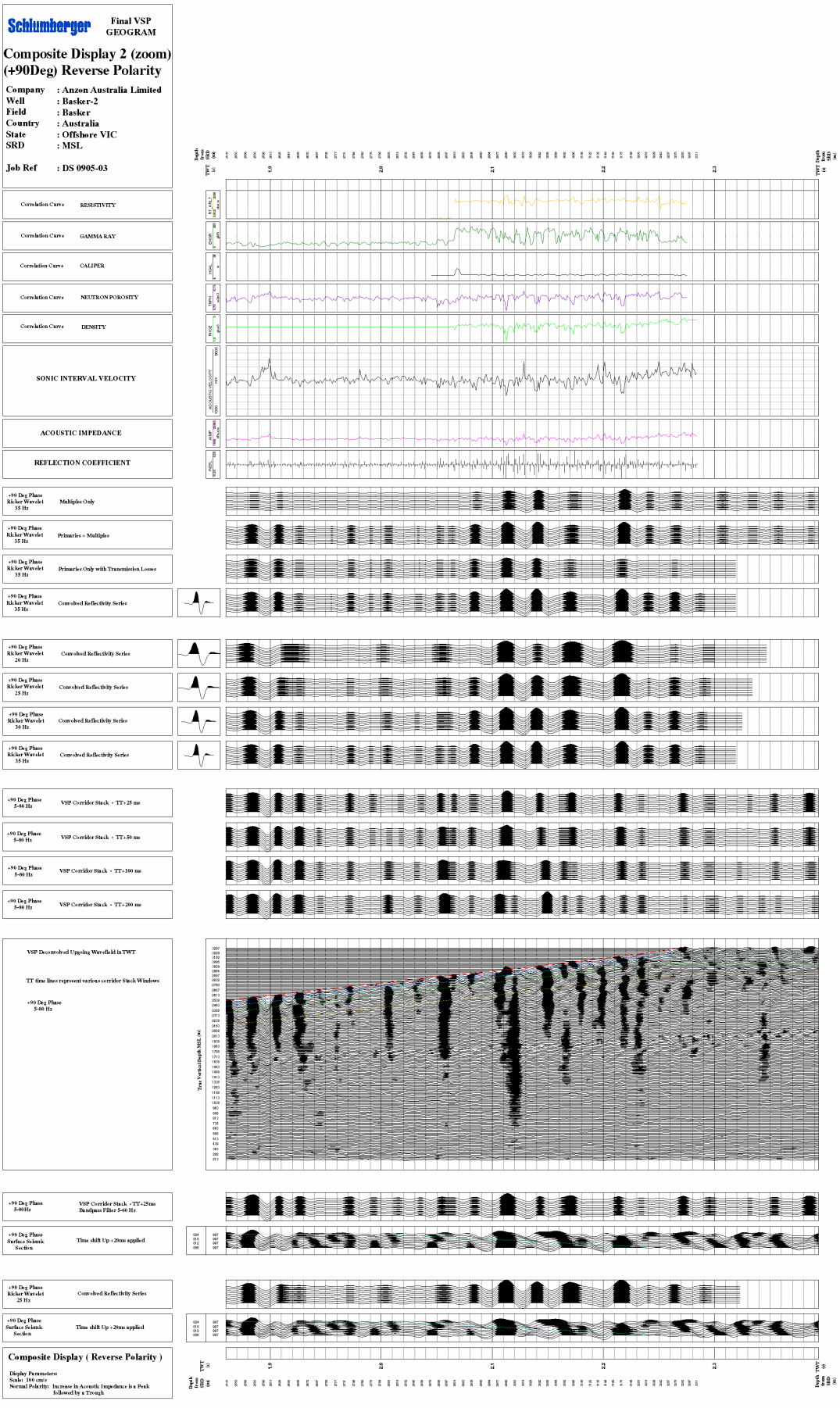

Figure 16b. Composite Display Plot 2z - Quadrature Phase / Reverse Polarity / Zoom

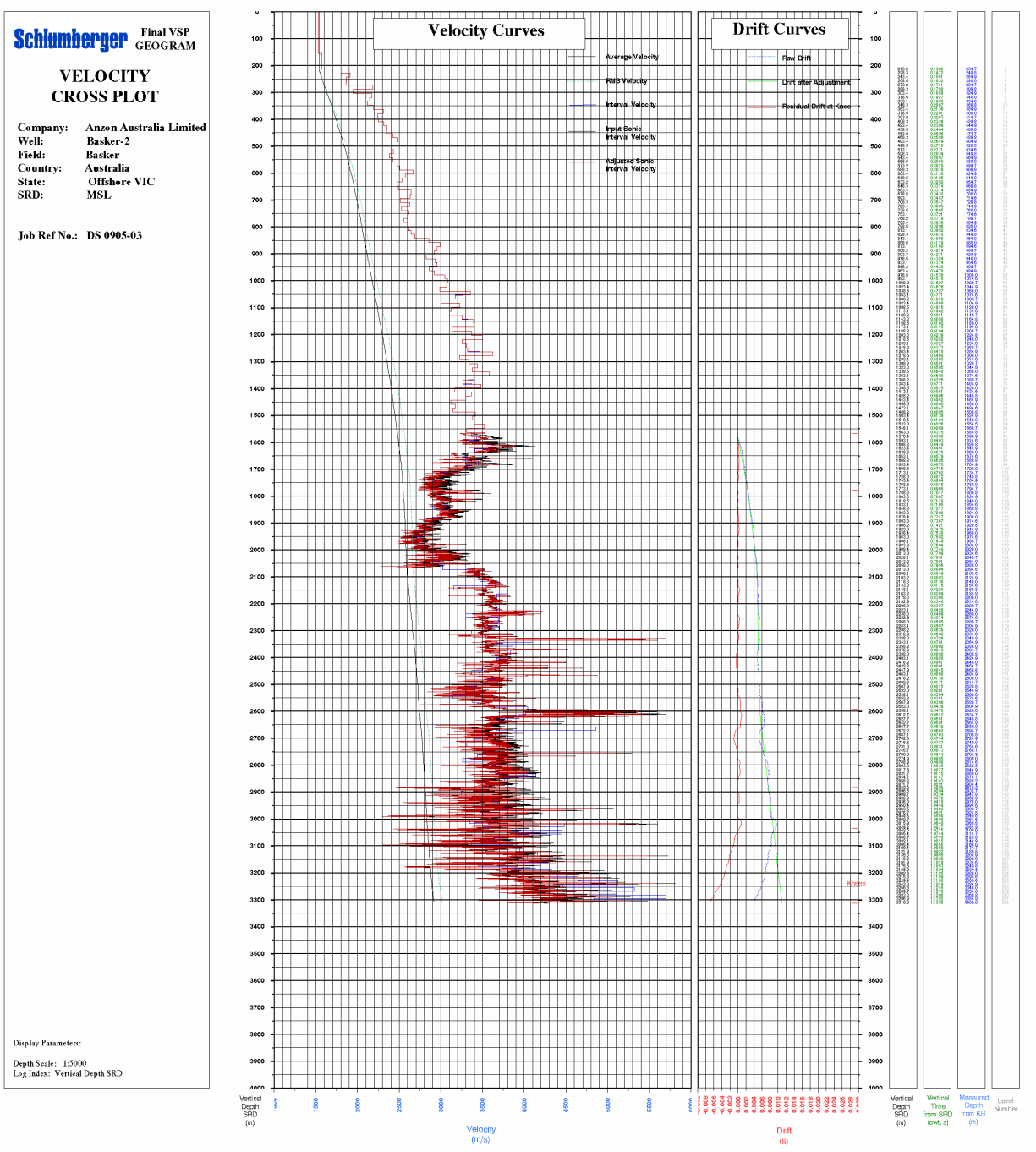

Figure 17. Velocity Cross plot (see Plot 3)

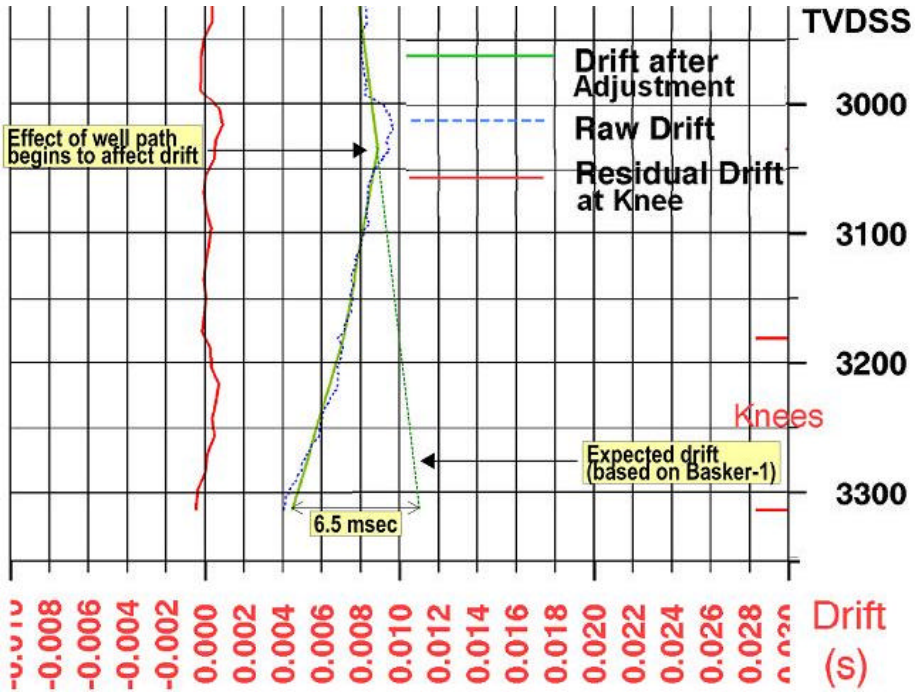

Figure 18. Anzon Proposed Drift Trend as per Basker-1

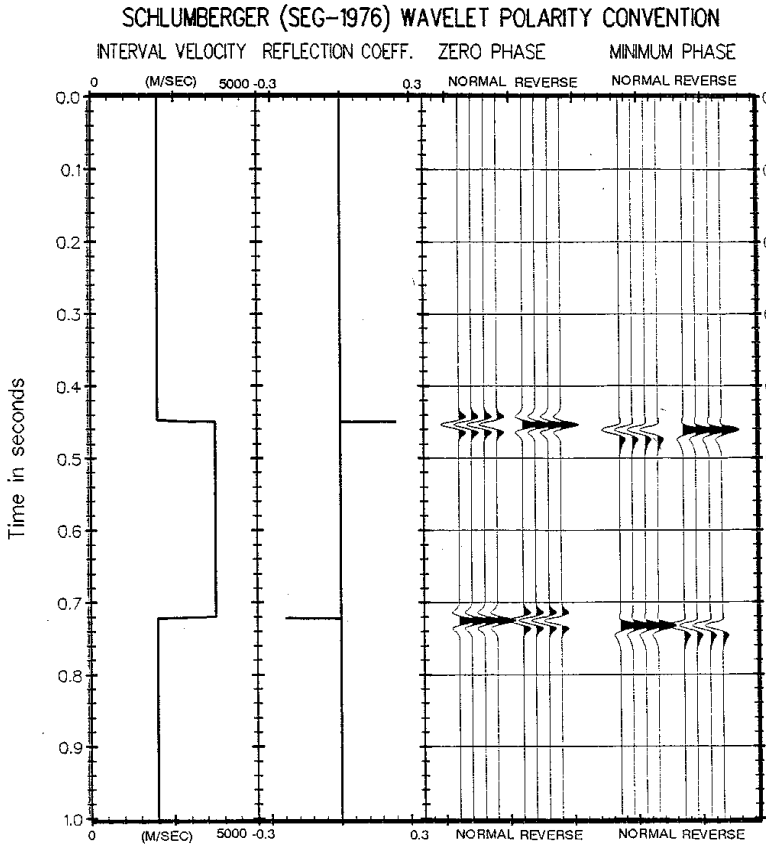

Figure 19. Schlumberger Wavelet Polarity Convention

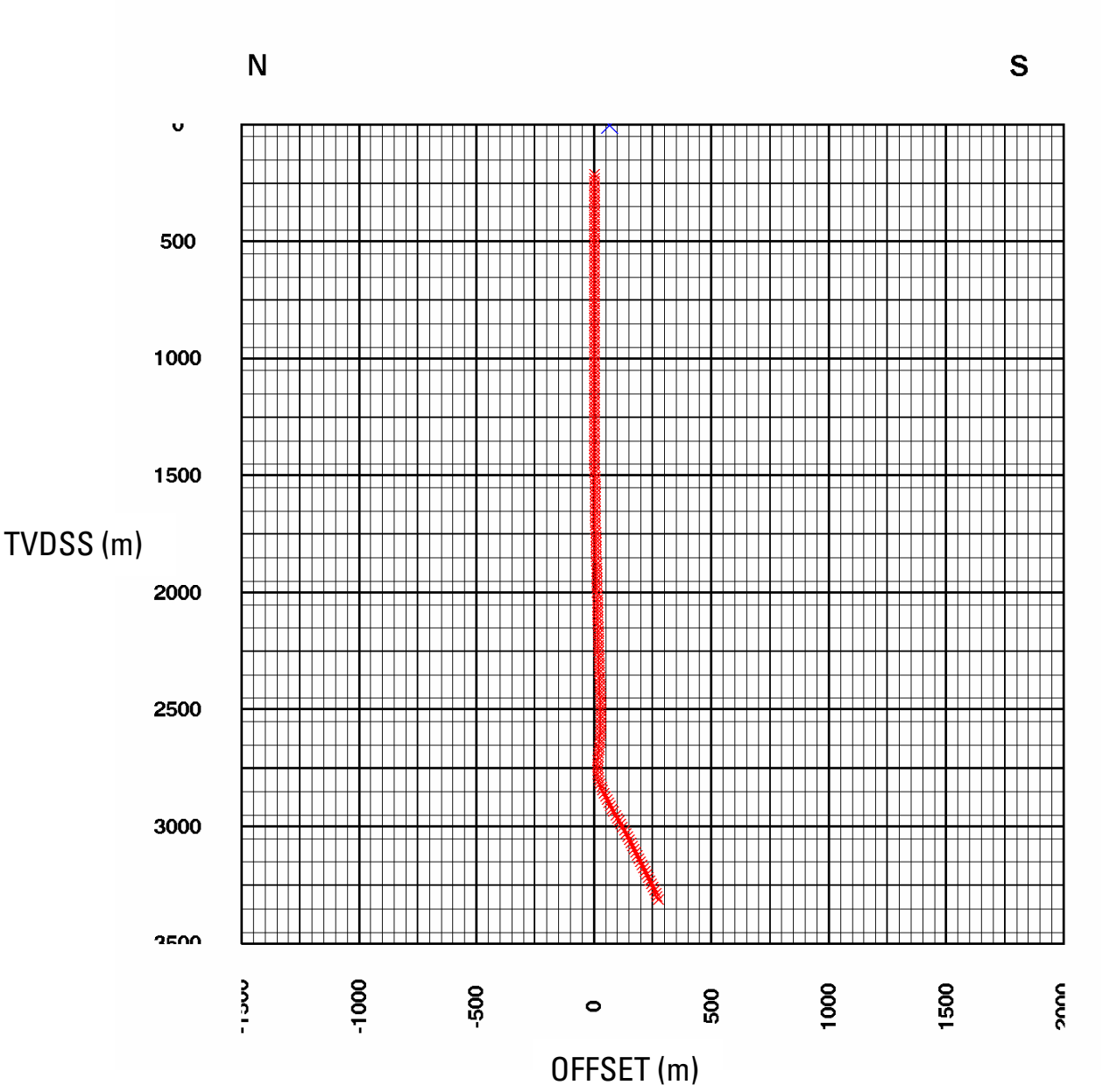

Figure 20. Basker-2 Well trajectory: TVDSS vs Offset

Attachment 1: Summary of Geophysical Listings

Five geophysical data listings are appended to this report. A1 is included in the report, A2 to A5 are provided in electronic form on the CD-ROM. Following is a brief description of the format.

A1 Check Shot Data

1. Level number: the level number starting from the top level (includes any imposed shots).

2. Vertical depth form SRD: *dsrd*, the depth in meters from seismic reference datum.

3. Measured depth from DF: *dkb*, the depth in meters from DF.

4. Observed travel time HYD to GEO: *tim*0, the transit time picked form the stacked data by subtracting the surface sensor first break time from the downhole sensor first break time.

5. Vertical travel time SRD to GEO: *shtm*, is *timv* – vertical time, corrected for the vertical distance between source and datum.

6. Delta depth between shots: $\Delta depth$, the vertical distance between each level.

7. Delta time between shots: $\Delta time$, difference in vertical travel time (*shtm*) between each level.

8. Interval velocity between shots: average velocity between each level, $\Delta depth/\Delta time$

9. Average velocity SRD to GEO: average velocity from datum to the checkshot level, shtm/dsrd

A2 Drift & Sonic Adjustment

Zone Set Data

1. Knee number: the knee number starting from the highest knee. (The first knees listed will generally be at SRD and the top of sonic. The drift imposed at these knees will normally be zero.)

2. Measured depth from DF: the depth in meters from DF

3. Vertical depth from SRD: the depth in meters from seismic reference datum.

4. Selected Drift at knee: the value of drift imposed at each knee.

5. Shift: the change in drift divided by the change in depth between any two levels.

6. Delta-T: see section 4 of report for an explanation of Δt_{min}.

7. Reduction factor G: see section 4 of report.

8. Selected Drift Gradient: the gradient of the imposed drift curve.

Sonic Adjustment Data

1. Measured depth from DF: the depth in meters from DF

2. Vertical depth from SRD: the depth in meters from seismic reference datum.

3. Vertical shot time SRD to GEO: the calculated vertical travel time from datum to geophone.

4. Adjusted Sonic Time.

5. Computed drift at level: the checkshot time minus the integrated raw sonic time.

6. Residual Shot Time - Adjusted Sonic Time.

7. Adjusted Interval Velocity.

8. Adjusted RMS Velocity.

9. Adjusted Average Velocity.

A3 Velocity Report

The data in this listing has been resampled in time.

1. Two way travel time from SRD: this is the index for the data in this listing. The first value is at SRD (0 ms) and is reported every 10 ms.

2. Measured depth from DF: the depth from DF at each corresponding value of two way time.

3. Vertical depth from SRD: the vertical depth from SRD at each corresponding value of two way time.

4. Average velocity SRD to GEO: the vertical depth from SRD divided by half the two way time.

5. RMS velocity: the root mean square velocity from datum to the corresponding value of two way time.

$$v_{rms} = \sqrt{(\Sigma v_i^2 t_i / \Sigma t_i)}$$

where v_i is the velocity between each 2 ms interval.

6. Interval velocity: the velocity between each sampled depth.

A4 Time to Depth

1. Two Way Sonic Time from SRD

2-11. Depth at Time, m: times every 1 ms

A5 Depth to Time

1. Vertical Depth from SRD

2-11. Time at Depth,ms: depths every 2m

Client and Well Information

Country	**Australia**
Logging Date	**3-Sep-2005 & 11-Sep-2005**
Company	**Anzon Australia Limited**
Field	**Basker**
Well	**Basker-2**

Seismic Reference Datum : **MSL** Water Velocity : 1524 m/s

DF Elevation above MSL : 21.5 m

Combined VSP Data

LEVEL NUMBER	VERTICAL DEPTH FROM MSL m	MEASURED DEPTH FROM DF m	OBSERVED TRAVEL TIME s	VERTICAL TRAVEL TIME MSL (OWT) s	DELTA DEPTH m	DELTA TIME s	ACOUSTIC INTERVAL VELOCITY m/s	ACOUSTIC AVERAGE VELOCITY m/s	ACOUSTIC RMS VELOCITY m/s
1	0.0			0.0000					
							1536		
2	213.2	234.7	0.1423	0.1388				1536	1536
					15.1	0.0084	1799		
3	228.3	249.8	0.1503	0.1472				1551	1552
					15.1	0.0079	1910		
4	243.4	264.9	0.1578	0.1551				1569	1572
					15.1	0.0081	1864		
5	258.5	280.0	0.1655	0.1632				1584	1588
					14.6	0.0079	1862		
6	273.2	294.7	0.1731	0.1711				1597	1602
					15.1	0.0069	2184		
7	288.3	309.8	0.1797	0.1780				1620	1628
					15.1	0.0078	1950		
8	303.4	324.9	0.1872	0.1858				1633	1643
					15.1	0.0070	2173		
9	318.5	340.0	0.1939	0.1927				1653	1665
					14.6	0.0068	2146		
10	333.1	354.6	0.2005	0.1995				1670	1684
					15.1	0.0071	2117		
11	348.3	369.8	0.2074	0.2067				1685	1701
					15.1	0.0069	2190		
12	363.4	384.9	0.2142	0.2136				1701	1719
					15.1	0.0066	2308		
13	378.5	400.0	0.2206	0.2201				1720	1739
					14.7	0.0066	2238		
14	393.2	414.7	0.2270	0.2267				1735	1755
					15.1	0.0067	2248		
15	408.3	429.8	0.2336	0.2334				1749	1772

LEVEL NUMBER	VERTICAL DEPTH FROM MSL	MEASURED DEPTH FROM DF	OBSERVED TRAVEL TIME	VERTICAL TRAVEL TIME MSL (OWT)	DELTA DEPTH	DELTA TIME	ACOUSTIC INTERVAL VELOCITY	ACOUSTIC AVERAGE VELOCITY	ACOUSTIC RMS VELOCITY
	m	m	s	s	m	s	m/s	m/s	m/s
					15.1	0.0065	2312		
16	423.4	444.9	0.2400	0.2399				1765	1788
					15.1	0.0064	2350		
17	438.5	460.0	0.2463	0.2464				1780	1805
					14.7	0.0062	2347		
18	453.2	474.7	0.2524	0.2526				1794	1821
					15.1	0.0062	2425		
19	468.3	489.8	0.2586	0.2589				1809	1838
					15.1	0.0061	2485		
20	483.4	504.9	0.2646	0.2649				1825	1855
					15.1	0.0061	2473		
21	498.5	520.0	0.2706	0.2710				1839	1871
					14.6	0.0061	2400		
22	513.1	534.6	0.2766	0.2771				1852	1884
					15.1	0.0062	2430		
23	528.3	549.8	0.2827	0.2834				1864	1898
					15.1	0.0063	2382		
24	543.4	564.9	0.2890	0.2897				1876	1910
					15.1	0.0062	2422		
25	558.5	580.0	0.2952	0.2959				1887	1922
					14.7	0.0059	2474		
26	573.2	594.7	0.3010	0.3019				1899	1934
					15.1	0.0060	2504		
27	588.3	609.8	0.3070	0.3079				1911	1947
					15.1	0.0057	2665		
28	603.4	624.9	0.3126	0.3136				1924	1963
					15.1	0.0059	2570		
29	618.5	640.0	0.3185	0.3195				1936	1975
					14.6	0.0058	2531		
30	633.2	654.7	0.3242	0.3252				1947	1987
					15.1	0.0061	2472		
31	648.3	669.8	0.3303	0.3314				1956	1997
					15.1	0.0061	2490		
32	663.4	684.9	0.3363	0.3374				1966	2007
					15.1	0.0057	2643		
33	678.5	700.0	0.3420	0.3432				1977	2019
					14.6	0.0056	2630		
34	693.1	714.6	0.3475	0.3487				1988	2030
					15.1	0.0060	2510		
35	708.3	729.8	0.3535	0.3547				1997	2039
					15.1	0.0058	2624		
36	723.4	744.9	0.3592	0.3605				2007	2050
					15.1	0.0060	2529		
37	738.5	760.0	0.3652	0.3665				2015	2059
					14.6	0.0056	2613		
38	753.1	774.6	0.3707	0.3721				2024	2068
					15.1	0.0058	2598		
39	768.2	789.7	0.3765	0.3779				2033	2077
					15.1	0.0059	2553		
40	783.4	804.9	0.3824	0.3838				2041	2085

LEVEL NUMBER	VERTICAL DEPTH FROM MSL	MEASURED DEPTH FROM DF	OBSERVED TRAVEL TIME	VERTICAL TRAVEL TIME MSL (OWT)	DELTA DEPTH	DELTA TIME	ACOUSTIC INTERVAL VELOCITY	ACOUSTIC AVERAGE VELOCITY	ACOUSTIC RMS VELOCITY
	m	m	s	s	m	s	m/s	m/s	m/s
					15.1	0.0058	2600		
41	798.5	820.0	0.3882	0.3896				2049	2094
					14.7	0.0056	2618		
42	813.1	834.6	0.3938	0.3952				2057	2102
					15.1	0.0057	2641		
43	828.3	849.8	0.3995	0.4010				2066	2111
					15.1	0.0056	2684		
44	843.4	864.9	0.4051	0.4066				2074	2120
					15.1	0.0053	2857		
45	858.5	880.0	0.4103	0.4119				2084	2131
					14.6	0.0049	2992		
46	873.1	894.6	0.4152	0.4168				2095	2143
					15.1	0.0051	2951		
47	888.2	909.7	0.4203	0.4219				2105	2155
					15.1	0.0052	2920		
48	903.3	924.8	0.4254	0.4271				2115	2166
					15.1	0.0054	2823		
49	918.5	940.0	0.4308	0.4324				2124	2175
					14.7	0.0050	2930		
50	933.1	954.6	0.4358	0.4374				2133	2185
					15.1	0.0051	2952		
51	948.2	969.7	0.4409	0.4426				2143	2196
					15.1	0.0053	2861		
52	963.4	984.9	0.4461	0.4478				2151	2205
					15.1	0.0052	2922		
53	978.5	1000.0	0.4513	0.4530				2160	2214
					14.6	0.0048	3046		
54	993.1	1014.6	0.4561	0.4578				2169	2224
					15.1	0.0049	3079		
55	1008.2	1029.7	0.4610	0.4627				2179	2235
					15.1	0.0049	3070		
56	1023.4	1044.9	0.4659	0.4676				2188	2246
					15.1	0.0051	2986		
57	1038.5	1060.0	0.4709	0.4727				2197	2255
					14.6	0.0044	3354		
58	1053.1	1074.6	0.4753	0.4771				2207	2267
					15.1	0.0048	3171		
59	1068.2	1089.7	0.4800	0.4818				2217	2278
					15.1	0.0050	3003		
60	1083.4	1104.9	0.4850	0.4869				2225	2287
					15.1	0.0047	3228		
61	1098.5	1120.0	0.4897	0.4916				2235	2297
					14.6	0.0047	3124		
62	1113.1	1134.6	0.4944	0.4962				2243	2307
					15.1	0.0049	3099		
63	1128.2	1149.7	0.4992	0.5011				2251	2316
					15.1	0.0046	3254		
64	1143.3	1164.8	0.5039	0.5058				2261	2326
					15.1	0.0045	3391		
65	1158.5	1180.0	0.5083	0.5102				2270	2337

LEVEL NUMBER	VERTICAL DEPTH FROM MSL m	MEASURED DEPTH FROM DF m	OBSERVED TRAVEL TIME s	VERTICAL TRAVEL TIME MSL (OWT) s	DELTA DEPTH m	DELTA TIME s	ACOUSTIC INTERVAL VELOCITY m/s	ACOUSTIC AVERAGE VELOCITY m/s	ACOUSTIC RMS VELOCITY m/s
					14.6	0.0043	3396		
66	1173.1	1194.6	0.5126	0.5145				2280	2348
					15.1	0.0048	3131		
67	1188.2	1209.7	0.5174	0.5194				2288	2357
					15.1	0.0045	3367		
68	1203.3	1224.8	0.5219	0.5239				2297	2367
					15.1	0.0043	3497		
69	1218.5	1240.0	0.5262	0.5282				2307	2379
					14.7	0.0045	3254		
70	1233.1	1254.6	0.5307	0.5327				2315	2387
					15.1	0.0046	3305		
71	1248.2	1269.7	0.5353	0.5373				2323	2397
					15.1	0.0046	3317		
72	1263.4	1284.9	0.5398	0.5418				2332	2406
					15.1	0.0042	3619		
73	1278.5	1300.0	0.5440	0.5460				2342	2418
					14.6	0.0045	3219		
74	1293.1	1314.6	0.5486	0.5505				2349	2425
					15.1	0.0045	3336		
75	1308.2	1329.7	0.5531	0.5551				2357	2434
					15.1	0.0044	3441		
76	1323.3	1344.9	0.5575	0.5595				2365	2444
					15.1	0.0045	3373		
77	1338.5	1360.0	0.5619	0.5640				2373	2452
					14.7	0.0041	3579		
78	1353.1	1374.6	0.5660	0.5680				2382	2462
					15.1	0.0045	3393		
79	1368.2	1389.7	0.5705	0.5725				2390	2471
					15.1	0.0046	3265		
80	1383.4	1404.9	0.5751	0.5771				2397	2478
					15.1	0.0043	3480		
81	1398.5	1420.0	0.5794	0.5815				2405	2487
					14.6	0.0046	3168		
82	1413.1	1434.6	0.5840	0.5861				2411	2493
					15.1	0.0045	3362		
83	1428.2	1449.8	0.5885	0.5906				2418	2501
					15.1	0.0046	3295		
84	1443.4	1464.9	0.5931	0.5952				2425	2508
					15.1	0.0048	3118		
85	1458.5	1480.0	0.5980	0.6000				2431	2514
					14.6	0.0046	3172		
86	1473.1	1494.6	0.6026	0.6047				2436	2519
					15.1	0.0048	3144		
87	1488.2	1509.8	0.6074	0.6095				2442	2525
					15.1	0.0044	3413		
88	1503.4	1524.9	0.6118	0.6139				2449	2532
					15.1	0.0045	3379		
89	1518.5	1540.0	0.6163	0.6184				2456	2540
					14.5	0.0043	3395		
90	1533.0	1554.5	0.6205	0.6226				2462	2546

LEVEL NUMBER	VERTICAL DEPTH FROM MSL	MEASURED DEPTH FROM DF	OBSERVED TRAVEL TIME	VERTICAL TRAVEL TIME MSL (OWT)	DELTA DEPTH	DELTA TIME	ACOUSTIC INTERVAL VELOCITY	ACOUSTIC AVERAGE VELOCITY	ACOUSTIC RMS VELOCITY
	m	m	s	s	m	s	m/s	m/s	m/s
					15.1	0.0043	3522		
91	1548.1	1569.7	0.6248	0.6269				2469	2554
					15.1	0.0046	3310		
92	1563.3	1584.8	0.6294	0.6315				2475	2561
					15.1	0.0045	3364		
93	1578.4	1599.9	0.6339	0.6360				2482	2567
					14.8	0.0043	3428		
94	1593.1	1614.6	0.6382	0.6403				2488	2574
					15.1	0.0046	3302		
95	1608.2	1629.8	0.6428	0.6449				2494	2580
					15.1	0.0042	3596		
96	1623.4	1644.9	0.6470	0.6491				2501	2588
					15.1	0.0044	3408		
97	1638.5	1660.0	0.6514	0.6535				2507	2594
					14.6	0.0044	3316		
98	1653.1	1674.6	0.6558	0.6579				2513	2600
					15.1	0.0046	3260		
99	1668.2	1689.8	0.6604	0.6626				2518	2605
					15.1	0.0044	3443		
100	1683.4	1704.9	0.6648	0.6670				2524	2611
					15.1	0.0046	3301		
101	1698.5	1720.0	0.6694	0.6715				2529	2617
					14.7	0.0046	3175		
102	1713.1	1734.7	0.6740	0.6762				2534	2621
					15.1	0.0051	2985		
103	1728.3	1749.8	0.6791	0.6812				2537	2624
					15.1	0.0052	2914		
104	1743.4	1764.9	0.6843	0.6864				2540	2626
					15.1	0.0051	2974		
105	1758.5	1780.0	0.6894	0.6915				2543	2629
					14.6	0.0050	2900		
106	1773.1	1794.7	0.6944	0.6965				2546	2631
					15.1	0.0052	2934		
107	1788.2	1809.8	0.6995	0.7017				2548	2633
					15.1	0.0050	2997		
108	1803.3	1824.9	0.7046	0.7067				2552	2636
					15.1	0.0051	2991		
109	1818.5	1840.0	0.7096	0.7118				2555	2639
					14.6	0.0048	3075		
110	1833.1	1854.6	0.7144	0.7165				2558	2642
					15.1	0.0052	2916		
111	1848.2	1869.8	0.7196	0.7217				2561	2644
					15.1	0.0049	3089		
112	1863.3	1884.9	0.7245	0.7266				2564	2647
					15.1	0.0050	3008		
113	1878.4	1900.0	0.7295	0.7317				2567	2650
					14.6	0.0051	2893		
114	1893.1	1914.6	0.7346	0.7367				2570	2651
					15.1	0.0054	2806		
115	1908.2	1929.8	0.7399	0.7421				2571	2653

LEVEL NUMBER	VERTICAL DEPTH FROM MSL m	MEASURED DEPTH FROM DF m	OBSERVED TRAVEL TIME s	VERTICAL TRAVEL TIME MSL (OWT) s	DELTA DEPTH m	DELTA TIME s	ACOUSTIC INTERVAL VELOCITY m/s	ACOUSTIC AVERAGE VELOCITY m/s	ACOUSTIC RMS VELOCITY m/s
					15.1	0.0055	2750		
116	1923.3	1944.9	0.7454	0.7476				2573	2653
					15.1	0.0054	2787		
117	1938.4	1960.0	0.7509	0.7530				2574	2654
					14.6	0.0052	2808		
118	1953.0	1974.6	0.7561	0.7582				2576	2655
					15.1	0.0057	2673		
119	1968.1	1989.7	0.7617	0.7639				2577	2656
					15.1	0.0056	2717		
120	1983.2	2004.9	0.7673	0.7694				2578	2656
					15.1	0.0054	2813		
121	1998.4	2020.0	0.7727	0.7748				2579	2657
					14.6	0.0051	2850		
122	2013.0	2034.6	0.7778	0.7799				2581	2658
					15.1	0.0051	2949		
123	2028.1	2049.7	0.7829	0.7851				2583	2660
					15.1	0.0051	2980		
124	2043.2	2064.9	0.7880	0.7901				2586	2663
					15.1	0.0054	2789		
125	2058.3	2080.0	0.7934	0.7956				2587	2664
					14.7	0.0049	3018		
126	2073.0	2094.6	0.7983	0.8004				2590	2666
					15.1	0.0045	3378		
127	2088.1	2109.8	0.8028	0.8049				2594	2670
					15.1	0.0044	3440		
128	2103.2	2124.9	0.8071	0.8093				2599	2675
					15.1	0.0044	3470		
129	2118.3	2140.0	0.8115	0.8136				2604	2680
					14.6	0.0040	3679		
130	2133.0	2154.6	0.8155	0.8176				2609	2686
					15.1	0.0048	3148		
131	2148.1	2169.8	0.8203	0.8224				2612	2689
					15.1	0.0040	3794		
132	2163.2	2184.9	0.8243	0.8264				2618	2695
					15.1	0.0041	3670		
133	2178.3	2200.0	0.8284	0.8305				2623	2701
					14.6	0.0040	3612		
134	2192.9	2214.6	0.8324	0.8346				2628	2706
					15.1	0.0041	3654		
135	2208.0	2229.7	0.8366	0.8387				2633	2711
					15.1	0.0041	3677		
136	2223.1	2244.8	0.8407	0.8428				2638	2717
					15.1	0.0041	3671		
137	2238.3	2260.0	0.8448	0.8469				2643	2722
					14.7	0.0044	3297		
138	2252.9	2274.6	0.8492	0.8514				2646	2726
					15.1	0.0041	3692		
139	2268.0	2289.7	0.8533	0.8555				2651	2731
					15.1	0.0042	3562		
140	2283.1	2304.9	0.8576	0.8597				2656	2736

LEVEL NUMBER	VERTICAL DEPTH FROM MSL	MEASURED DEPTH FROM DF	OBSERVED TRAVEL TIME	VERTICAL TRAVEL TIME MSL (OWT)	DELTA DEPTH	DELTA TIME	ACOUSTIC INTERVAL VELOCITY	ACOUSTIC AVERAGE VELOCITY	ACOUSTIC RMS VELOCITY
	m	m	s	s	m	s	m/s	m/s	m/s
					15.1	0.0041	3697		
141	2298.2	2320.0	0.8617	0.8638				2661	2741
					14.6	0.0044	3362		
142	2312.9	2334.6	0.8660	0.8682				2664	2745
					15.1	0.0043	3539		
143	2328.0	2349.8	0.8703	0.8724				2668	2749
					15.1	0.0037	4102		
144	2343.1	2364.9	0.8740	0.8761				2674	2756
					15.1	0.0041	3673		
145	2358.2	2380.0	0.8781	0.8802				2679	2761
					14.6	0.0038	3859		
146	2372.9	2394.7	0.8819	0.8840				2684	2767
					15.1	0.0039	3832		
147	2388.0	2409.8	0.8858	0.8880				2689	2772
					15.1	0.0040	3773		
148	2403.1	2424.9	0.8898	0.8920				2694	2778
					15.1	0.0041	3669		
149	2418.2	2440.0	0.8940	0.8961				2699	2783
					14.6	0.0041	3606		
150	2432.8	2454.7	0.8980	0.9001				2703	2787
					15.1	0.0043	3496		
151	2447.9	2469.8	0.9023	0.9045				2707	2791
					15.1	0.0045	3367		
152	2463.1	2484.9	0.9068	0.9090				2710	2794
					15.1	0.0041	3728		
153	2478.2	2500.0	0.9109	0.9130				2714	2799
					14.6	0.0041	3557		
154	2492.8	2514.7	0.9150	0.9171				2718	2802
					15.1	0.0044	3431		
155	2507.9	2529.8	0.9194	0.9215				2721	2806
					15.1	0.0046	3315		
156	2523.0	2544.9	0.9240	0.9261				2724	2808
					15.1	0.0043	3476		
157	2538.1	2560.0	0.9283	0.9304				2728	2812
					14.6	0.0046	3143		
158	2552.8	2574.6	0.9330	0.9351				2730	2814
					15.1	0.0045	3378		
159	2567.9	2589.7	0.9374	0.9396				2733	2817
					15.1	0.0043	3507		
160	2583.0	2604.9	0.9417	0.9439				2737	2820
					15.1	0.0037	4042		
161	2598.1	2620.0	0.9454	0.9476				2742	2826
					14.6	0.0036	4014		
162	2612.7	2634.7	0.9491	0.9512				2747	2832
					15.0	0.0038	3934		
163	2627.7	2649.8	0.9529	0.9551				2751	2837
					15.0	0.0041	3706		
164	2642.7	2664.9	0.9569	0.9591				2755	2841
					15.0	0.0041	3623		
165	2657.7	2680.0	0.9610	0.9632				2759	2845

LEVEL NUMBER	VERTICAL DEPTH FROM MSL m	MEASURED DEPTH FROM DF m	OBSERVED TRAVEL TIME s	VERTICAL TRAVEL TIME MSL (OWT) s	DELTA DEPTH m	DELTA TIME s	ACOUSTIC INTERVAL VELOCITY m/s	ACOUSTIC AVERAGE VELOCITY m/s	ACOUSTIC RMS VELOCITY m/s
					14.5	0.0030	4857		
166	2672.2	2694.7	0.9640	0.9662				2766	2853
					14.9	0.0041	3665		
167	2687.1	2709.8	0.9680	0.9703				2769	2857
					14.9	0.0041	3645		
168	2702.0	2724.9	0.9720	0.9744				2773	2861
					14.8	0.0044	3392		
169	2716.8	2740.0	0.9764	0.9787				2776	2863
					14.3	0.0043	3307		
170	2731.0	2754.6	0.9807	0.9831				2778	2866
					14.7	0.0042	3465		
171	2745.7	2769.7	0.9849	0.9873				2781	2868
					14.6	0.0040	3684		
172	2760.3	2784.9	0.9888	0.9913				2785	2872
					14.5	0.0042	3437		
173	2774.9	2800.0	0.9930	0.9955				2787	2875
					14.1	0.0043	3261		
174	2788.9	2814.6	0.9973	0.9998				2789	2877
					14.4	0.0040	3610		
175	2803.3	2829.8	1.0012	1.0038				2793	2880
					14.3	0.0039	3653		
176	2817.6	2844.9	1.0051	1.0077				2796	2883
					14.0	0.0038	3653		
177	2831.7	2860.0	1.0089	1.0115				2799	2887
					13.0	0.0031	4142		
178	2844.7	2874.1	1.0121	1.0147				2804	2891
					13.5	0.0036	3762		
179	2858.2	2889.2	1.0156	1.0183				2807	2895
					13.5	0.0038	3532		
180	2871.7	2904.4	1.0194	1.0221				2810	2897
					13.3	0.0037	3563		
181	2885.0	2919.5	1.0232	1.0258				2812	2900
					11.5	0.0035	3269		
182	2896.6	2932.7	1.0267	1.0294				2814	2902
					13.2	0.0041	3244		
183	2909.7	2947.8	1.0307	1.0334				2816	2903
					13.2	0.0038	3472		
184	2922.9	2962.9	1.0345	1.0372				2818	2905
					13.2	0.0037	3526		
185	2936.0	2978.0	1.0383	1.0410				2821	2908
					14.4	0.0039	3680		
186	2950.4	2994.6	1.0422	1.0449				2824	2911
					13.1	0.0035	3784		
187	2963.5	3009.7	1.0457	1.0483				2827	2914
					13.2	0.0038	3476		
188	2976.7	3024.8	1.0495	1.0521				2829	2916
					13.2	0.0038	3491		
189	2989.8	3040.0	1.0533	1.0559				2832	2919
					12.8	0.0049	2599		
190	3002.7	3054.6	1.0583	1.0608				2831	2917

LEVEL NUMBER	VERTICAL DEPTH FROM MSL m	MEASURED DEPTH FROM DF m	OBSERVED TRAVEL TIME s	VERTICAL TRAVEL TIME MSL (OWT) s	DELTA DEPTH m	DELTA TIME s	ACOUSTIC INTERVAL VELOCITY m/s	ACOUSTIC AVERAGE VELOCITY m/s	ACOUSTIC RMS VELOCITY m/s
					13.2	0.0040	3349		
191	3015.9	3069.8	1.0623	1.0648				2832	2919
					13.3	0.0030	4475		
192	3029.2	3084.9	1.0653	1.0677				2837	2925
					13.3	0.0038	3506		
193	3042.5	3100.0	1.0692	1.0715				2839	2927
					12.9	0.0029	4449		
194	3055.4	3114.7	1.0722	1.0744				2844	2932
					13.3	0.0034	3932		
195	3068.7	3129.8	1.0756	1.0778				2847	2936
					13.4	0.0037	3630		
196	3082.1	3144.9	1.0794	1.0815				2850	2938
					13.4	0.0040	3364		
197	3095.4	3160.0	1.0834	1.0855				2852	2940
					13.0	0.0034	3865		
198	3108.4	3174.7	1.0869	1.0888				2855	2943
					13.4	0.0034	3945		
199	3121.9	3189.8	1.0904	1.0922				2858	2947
					13.5	0.0032	4157		
200	3135.3	3204.9	1.0937	1.0955				2862	2951
					13.5	0.0033	4036		
201	3148.8	3220.0	1.0971	1.0988				2866	2955
					13.1	0.0031	4281		
202	3161.9	3234.6	1.1003	1.1019				2870	2960
					13.6	0.0035	3917		
203	3175.5	3249.8	1.1038	1.1053				2873	2963
					13.6	0.0041	3340		
204	3189.0	3264.9	1.1080	1.1094				2875	2965
					13.6	0.0031	4324		
205	3202.6	3280.0	1.1112	1.1125				2879	2969
					13.2	0.0033	3977		
206	3215.8	3294.6	1.1147	1.1159				2882	2973
					13.6	0.0029	4642		
207	3229.4	3309.8	1.1177	1.1188				2887	2978
					13.6	0.0027	5121		
208	3243.0	3324.9	1.1205	1.1214				2892	2985
					13.6	0.0030	4463		
209	3256.6	3340.0	1.1236	1.1245				2896	2990
					13.2	0.0025	5318		
210	3269.7	3354.6	1.1262	1.1270				2901	2997
					13.6	0.0028	4778		
211	3283.3	3369.8	1.1292	1.1298				2906	3003
					13.6	0.0024	5701		
212	3296.9	3384.9	1.1317	1.1322				2912	3011
					13.6	0.0028	4833		
213	3310.5	3400.0	1.1346	1.1350				2917	3017

Attachment 3: Listing of Deliverables (CD-ROM)

Report:

VSP_report	VSP/Geogram Processing Report	PDF
QBH_report_INT/TD	Basker-2 Intermediate & TD VSP Q-Borehole Survey Reports	PDF

Graphics Displays:

comp1	Plot 1. Composite Display 1– Normal Polarity	PDF / PDS / CGM / TIF
comp1z	Plot 1z. Composite Display 1– Normal Polarity/Zoom	PDF / PDS / CGM / TIF
comp2	Plot 2. Composite Display 2 – Reverse Polarity	PDF / PDS / CGM / TIF
comp2z	Plot 2z. Composite Display 1– Normal Polarity/Zoom	PDF / PDS / CGM / TIF
vel1	Plot 3. Velocity Crossplot	PDF / PDS / CGM / TIF

Data files plus Verification (.txt) listings:

Raw data is provided from VSI Workbench Field Data Acquisition		LDF
BA2_xstk.sgy	stacked x axis data	SEGY
BA2_ystk.sgy	stacked y axis data	SEGY
BA2_zstk.sgy	stacked z axis data	SEGY
BA2_upp_Z.sgy	Zero Phase upgoing wavefield TWT	SEGY
BA2_corstk_Z.sgy	Zero phase corridor stack	SEGY
BA2_corstk_ZF.sgy	Zero phase corridor stack Filtered 5-60 Hz	SEGY
BA2_upp_Q.sgy	Quad Phase upgoing wavefield TWT	SEGY
BA2_corstk_Q.sgy	Quad phase corridor stack	SEGY
BA2_corstk_QF.sgy	Quad phase corridor stack Filtered 5-60 Hz	SEGY
BA2_synt_R35Rot.sgy	Quad Phase Synthetic Seismograms – Ricker 35Hz	SEGY
BA2_synt_R30Rot.sgy	Quad Phase Synthetic Seismograms – Ricker 30Hz	SEGY
BA2_synt_R25Rot.sgy	Quad Phase Synthetic Seismograms – Ricker 25Hz	SEGY
BA2_synt_R20Rot.sgy	Quad Phase Synthetic Seismograms – Ricker 20Hz	SEGY
logs_depth.las	Depth indexed Logs	ASCII (LAS)
logs_time.las	Time indexed Logs	ASCII (LAS)
synthetics.las	Synthetic Seismograms and Corridor Stack	ASCII (LAS)

Listings:

A1	Well_Seismic_Report	EXCEL
A2	Drift_and_Sonic_Adjustment_Report	EXCEL
A3	Velocity_Report	EXCEL
A4	Time_to_Depth_Report	EXCEL
A5	Depth_to_Time_Report	EXCEL

APPENDIX 9

HYDROCARBON PROPERTIES SUMMARY

BASKER-2 Hydrocarbon Properties Summary (MDT PVT Samples)								
Depth (mMDRT)	3023.4 (-2975.4)	3044.3 (-2993.7)	3106 (-3047.8)	3133.4 (-3071.9)	3243 (-3169.4)	3263.5 (-3187.8)	3289.3 (-3211)	3357.3 (-3272.1)
Formation	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe	Intra-Latrobe
Type of Sample	MDT (PVT)	MDT (PVT)	MDT (PVT)	MDT (PVT)	MDT (PVT)	MDT (PVT)	MDT (PVT)	MDT (PVT)
Type of Fluid	Oil	Gas/ Condens.	Oil	Oil	Oil	Gas/ Condens.	Oil	Gas/ Condens.
Reserv. temp. °F (°C)	232 (111.2)	233 (111.8)	236.3 (113.5)	238 (114.3)	243.4 (117.5)	245 (118.1)	246 (118.8)	249 (120.8)
Initial Pressure psig	4285	4315	4400	4440	4620	4635	4680	4755
Bubble Point Press. psig	3805 @ 47ºC 4090@103.7 ºC	–	3785 @ 50ºC 4110@106.7ºC	4040 @ 52ºC 4260 @ 107.8ºC	4085 @ 54ºC 4400 @ 111.7ºC	–	4065 @ 50ºC 4370 @113.3ºC	–
Dew Point Press. psig	–	4620 @104.5°C	–	–	–	–	–	5120 @ 115.8ºC
Initial Sol. GOR. scf/stb	1312	32989	1104	1195	1255	51783	1134	10160
Oil FVF rb/stb	1.7909	-	1.6582	1.7137	1.7632	-	1.6889	-
Res. fluid density g/cc @ PT	0.6028	–	0.6383	0.6275	0.5957	–	0.6155	–
API gravity (stock tank oil)	42.8º	48.8º	39.4º	41.3º	42º	49º	38.6º	48.4º
Gas gravity (air =1)	0.938	0.863	0.6383	0.987	0.861	0.764	0.843	0.808
Pour point °C	29	-	31	32	32	-	32	14
CO_2 content Mol %	5.33	16.17	9.01	9.45	3.58	3.81	2.03	1.29
N_2 content Mol %	0.12	0.55	0.14	0.08	0.16	0.26	0.16	0.48
H_2S content Mol %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Anzon Australia LIMITED

PVT REPORT

PETROLAB

Company : Anzon Australia Limited
Well : Basker - 2 File : A - 25013

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SUMMARY OF RESULTS

CONSTANT MASS DATA :		ZONE 2 3133 SAND	ZONE 5 3243 SAND	ZONE 6 3289 SAND
Reservoir Temperature (°F)	:	237.74	243.5	245.8
Saturation Pressure (psia)	:	4300	4420	4505
Thermal Expansion of Saturated Oil				
@ Res Temp and Ps (*10^4/°F)	:	6.37	6.72	6.16
(*10^4/°C)	:	11.47	12.10	11.09
Compressibility of Saturated Oil				
@ Res Temp and Ps (*10^6/psi)	:	18.38	20.68	19.99

DIFFERENTIAL VAPORIZATION DATA :

SATURATED OIL @ Reservoir Temperature and Saturation Pressure :

Solution GOR (SCF/Bbl)	:	1074	1210	1177
Formation Volume Factor	:	1.6589	1.7601	1.6852
Oil density (gm/cc)	:	0.6275	0.5957	0.6160
Specific Volume (ft^3/lb)	:	0.0255	0.0269	0.0260
Viscosity (cp)	:	0.309	0.326	0.305

RESIDUAL OIL :

API Gravity @ 60 °F	:	40.5	41.2	39.1
Formation Volume Factor	:	1.0867	1.0908	1.0890
Density @ Reservoir Temperature (gm/cc)	:	0.7565	0.7503	0.7607
Viscosity @ Reservoir Temperature (cp)	:	1.241	1.282	1.291

FLASH DATA :

1st Separator Pressure (psia)	:	305	305	305
1st Separator Temperature (°F)	:	145	145	145
2nd Separator Pressure (psia)	:	22	22	22
2nd Separator Temperature (°F)	:	136	136	136
Stock Tank Pressure (psia)	:	15	15	15
Stock Tank Temperature (°F)	:	136	136	136
Oil Volume Factor (rbbl/stbbl)	:	1.630	1.733	1.631
1st Separator GOR (scf/bbl)	:	925	1110	944
2nd Separator GOR (scf/bbl)	:	89	106	84
Stock Tank GOR (scf/bbl)	:	10	9	11
Total GOR (scf/bbl)	:	1024	1225	1039
1st Separator Gas Gravity (Air=1)	:	0.810	0.766	0.738
2nd Separator Gas Gravity (Air=1)	:	1.234	1.287	1.202
Stock Tank Gas Gravity (Air=1)	:	1.561	1.694	1.591
Stock Tank Oil Density (gm/cc)	:	0.8321	0.8140	0.8272
Stock Tank Oil Gravity (°API)	:	38.4	42.2	39.4

DIFFERENTIAL DATA CORRECTED WITH FLASH DATA :

SATURATED OIL @ Reservoir Temperature and Saturation Pressure :

Solution GOR (SCF/Bbl)	**Rs :**	**1024**	**1226**	**1039**
Formation Volume Factor (Resbbl/STbbl)	**Bo :**	**1.630**	**1.733**	**1.631**

FIELD CHARACTERISTICS:

Field Name	:	Basker
Formation Name	:	Inra-Latrobe
Date first well completed	:	12 hrs 30th September 2005
Original reservoir pressure (psia)	:	4470
@ datum	:	3072 mTVDss (Basker-1, ~ 20/6/83)
Liquid gravity (°API @ 60 °F)	:	41.3

WELL CHARACTERISTICS:

Depth datum	:	Sea Level
Kelly Bushing	:	21.5 m
Total depth	:	3414 mMDRT
Perforated interval (mAHBKB)	:	Upper Zone: 3022.3 - 3026.6 m; 3097.6 - 3102.3 m;
		3104.6 - 3109.0 m; 3130.6 - 3141.6 m
		Lower Zone: 3239.6 - 3243.6 m; 3261.7 - 3269.3 m;
		3273.0 - 3283.0 m; 3287.0 - 3291.0 m
Tubing size	:	3 1/2" by 4 1/2" tandem chrome (IDHC)
Tubing shoe	:	3206.4 m (base of tubing)
Reservoir temperature (°F)	:	238
Last reservoir pressure (psia)	:	Zone 2 4440.28 psia
@ datum	:	3133.4 mTVDss
date	:	12th September
Status of well	:	Completed

TRANSFER DETAILS

Transferred on September 15 through 19, 2005 @ 5000 psig & 45 °C

Sample ID #	MDT MPSR #	Depth mMDRT (metres)	Depth mMDss (metres)	Reservoir Pressure (psig)	Reservoir Temp. (°C)	Opening Pressure (psig)	Transferred to Petrolab Cylinder	Fluid Phase Transferred	Saturation Pressure (psig)
1	286	3009.0	2963.1	4245	110.7	1000		water	
2	479	3023.4	2975.4	4285	111.2	2500	9214-166	oil	4090
3	498	3023.4	2975.4	4285	111.2	2500	8151-28	oil	
4	497	3044.3	2993.8	4315	111.8	3030	82121007	gas cond	4620
5	310	3066.5	3013.1	4340	112.2	700		water	
6	192	3066.5	3013.1	4340	112.2	800		water	
7	501	3106.0	3047.5	4400	113.5	2500	84103217	oil	4110
8	494	3106.0	3047.5	4400	113.5	2550	84093202	oil	
9	478	3133.4	3071.9	4440	114.3	2500	8103206	oil	4260
10	316	3133.4	3071.9	4440	114.3	2600	84062602	oil	
11	2G33	3133.4	3071.9	4440	114.3	2400	812637 85014904 1 ltr STT oil	oil	
12	487	3175.0	3107.6	4520	115.6	800		water	
13	477	3201.0	3131.8	4520	115.6	750		water	
14	485	3241.5	3168.1	4616	117.4	2360	85014411	oil	
15	6G51	3243.0	3169.4	4620	117.5	2500	84032809 8212803 L-294 5 ltr STT oil	oil	4400
16	2G23	3263.5	3187.8	4635	118.1	3200	812639 84063219 812402 84063609 0.3 ltr STT oil	gas cond	5960
17	66	3288.0	3208.7	4677	118.7	2700	20438-20	oil	
18	187	3289.3	3209.8	4680	118.8	2700	84062304	oil	4370
19	186	3357.3	3272.1	4755	120.8	3000	9214-53	gas cond	
20	123	3357.3	3271.1	4755	120.8	3050	84062103	gas cond	5120

FLASH DETAILS

Flashed from September 15 through 19, 2005 @ 5000 psig & 45 °C

Sample ID #	MDT MPSR #	Depth mMDRT (metres)	Fluid Phase Transferred	Transferred to Petrolab Cylinder	GOR (SCF/BBL)	DENSITY (gm/cc)	API @60°F	H2S (ppmv)	CO2 (%)
1	286	3009.0	water		22				11
2	479	3023.4	oil	9214-166	1329	0.7990	45.4	0.3	2
3	498	3023.4	oil	8151-28					
4	497	3044.3	gas cond	82121007					20
5	310	3066.5	water						
6	192	3066.5	water		26				20
7	501	3106.0	oil	84103217					
8	494	3106.0	oil	84093202	1218	0.8110	42.8	<0.2	4
9	478	3133.4	oil	8103206					
10	316	3133.4	oil	84062602	1031	0.8085	43.3		
11	2G33	3133.4	oil	812637 85014904 1 ltr oil					
12	487	3175.0	water		29				19
13	477	3201.0	water		24				14
14	485	3241.5	oil	85014411	1241	0.8112	42.8		
15	6G51	3243.0	oil	84032809 8212803 L-294 5 ltr oil	1281	0.8092	43.2	<0.2	4
16	2G23	3263.5	gas cond	812639 84063219 812402 84063609 0.3 ltr STT					
17	66	3288.0	oil	20438-20	1104	0.8186	41.2	<0.2	2
18	187	3289.3	oil	84062304	1115	0.8115	42.7	<0.2	2
19	186	3357.3	gas cond	9214-53					
20	123	3357.3	gas cond	84062103	12174	0.7781	50.2	<0.2	1

SUMMARY OF OIL POUR POINT RESULTS

Sample	Depth		Pour Point	HP Pour Point	
ID	mMDRT	mMDss	Temp.	4600 psig	psig
#	(metres)		(ºC)	(ºC)	
2	3023.4	2975.4	29	21	
8	3106.0	3047.5	31	28	20°C@970
10	3133.4	3071.9	32	27	
11	3133.4	3071.9	33		
14	3241.5	3168.1	32		
15	3243.0	3169.4	32	28	30°C@1500
17	3288.0	3208.7	32		25°C@2750
18	3289.3	3209.8	32		28°C@1000
20	3357.3	3271.1	14		

SUMMARY OF POUR POINT RESULTS ON MIXES

DIESEL & OIL FROM SAMPLES # 15 FROM 3243.0 mMDRT :

Mix	Pour Point °C
5 % Diesel	35
10 % Diesel	33

CONDENSATE FROM 3263.5 & OIL FROM 3243.0 mMDRT :

Mix	Pour Point °C
5 % Condensate	34
10 % Condensate	33

WAX SAMPLE FROM COMPLETION RISER

Mix	Pour Point °C
100 % Wax	71

PPM PX0158 PPD vs Pour Point in °C

Data from original observations on-site

Sample	Depth	ppm PPD in Crude										
Number	(metres)	0	500	1000	2000	3000	5000	8000	12000	17000	22000	30000
2	3023.4	29	29	28	27		24	21	20	19	19	18
8	3106.0	31	31				28	28		27	27	
10	3133.4	32	32				31	30		29	29	
15	3243.0	32	32	32			30		29	29	29	
16	3263.5											
17	3288.0	32	32		30			29	28		28	
18	3289.3	32	32	31	30		29	28	27	27	27	

PPM PX0158 & EC6433A PPDs vs Pour Point in °C

Modified Pour Point Method *

Sample	Depth	ppm PPD in Crude										
Number	(metres)	0	500	1000	2000	3000	5000	8000	12000	17000	22000	30000
11	3133.4	33		30	30	28		RERUN USING MODIFIED METHOD WITH PX0158				
11	3133.4	34		34	33	32		RERUN USING MODIFIED METHOD WITH EC 6433 A				
14	3241.5	32		31	31	30		RERUN USING MODIFIED METHOD WITH PX0158				
14	3241.5	33		33	32	27		RERUN USING MODIFIED METHOD WITH EC 6433 A				

* Modified Pour Point Test for Static Testing of Pour Point Depressant Performance Testing:

Bulk crude heated in the received 5 litre can at 100 °C for 3 hours until fully mobile. Mix very well by shaking can. Decant 50 ml. Crude oil heated to 100 °C in a 100 ml Schott bottle with red cap and equilibrated for 3 hours minimum. (If to be dosed immediately after sub sampling, 3 hour equilibration not necessary). Sample allowed to cool in air to aprrox 80 °C and ambient PPD samples added at required dose rate. Reseal cap. 200 Vigorous shakes. Allow to sit for 20 minutes in laboratory, then decant into pour point tube. When just below the maximum temperature of the thermometer, place ASTM 5 °C thermometer in the tube supported by cork ring to allow the bulb to be located in the centre of the oil volume. Allow pour point tubes to cool to 35 °C by ambient air cooling. Allow pour point tubes to cool to 35 °C by ambient air cooling. When at 35 °C, move to pour point bath with only water in the bath. Conduct pour point procedure as per ASTM, reading every 3 °C (to minimise agitation). If pour points appear below 25 °C, (likely cooling limit of plain water pour pointbath), add ice to the pour point bath and then add to pour point bath with water only (before adding ice).

Flow Back Sampling Summary
Sampled on September 29, 2005

Upper Flow

Sample number	Volume (litres)	Start (hours)	Finished (hours)
U1	205	09:25	09:35
U2	20	09:35	09:40
U3	20	09:40	09:45
U4	250	09:45	09:58
U5	20	09:59	10:03
U6	20	10:04	10:08
U7	5	10:08	10:11

H2S (ppmv) :	**2.8**
CO2 (%v) :	**12.5**
Hg (mg/m^3) :	**<0.05**

Lower Flow

Sample number	Volume (litres)	Start (hours)	Finished (hours)
L1	205	14:55	15:05
L2	20	15:06	15:10
L3	20	15:10	15:14
L4	250	15:14	15:26
L5	20	15:26	15:30
L6	20	15:30	15:34
L7	5	15:34	15:36

H2S (ppmv) :	**1.7**	**1.5**
CO2 (%v) :	**4**	**4**
Hg (mg/m^3) :	**<0.05**	**<0.05**

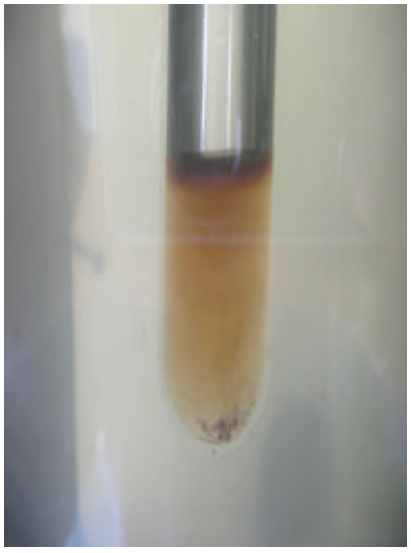
20 ºC – 8 hrs

20 ºC – 24 hrs

60 ºC – 0 mins.

60 ºC – 18 mins.

60 ºC – 30 mins.



60 ºC – 52 mins.

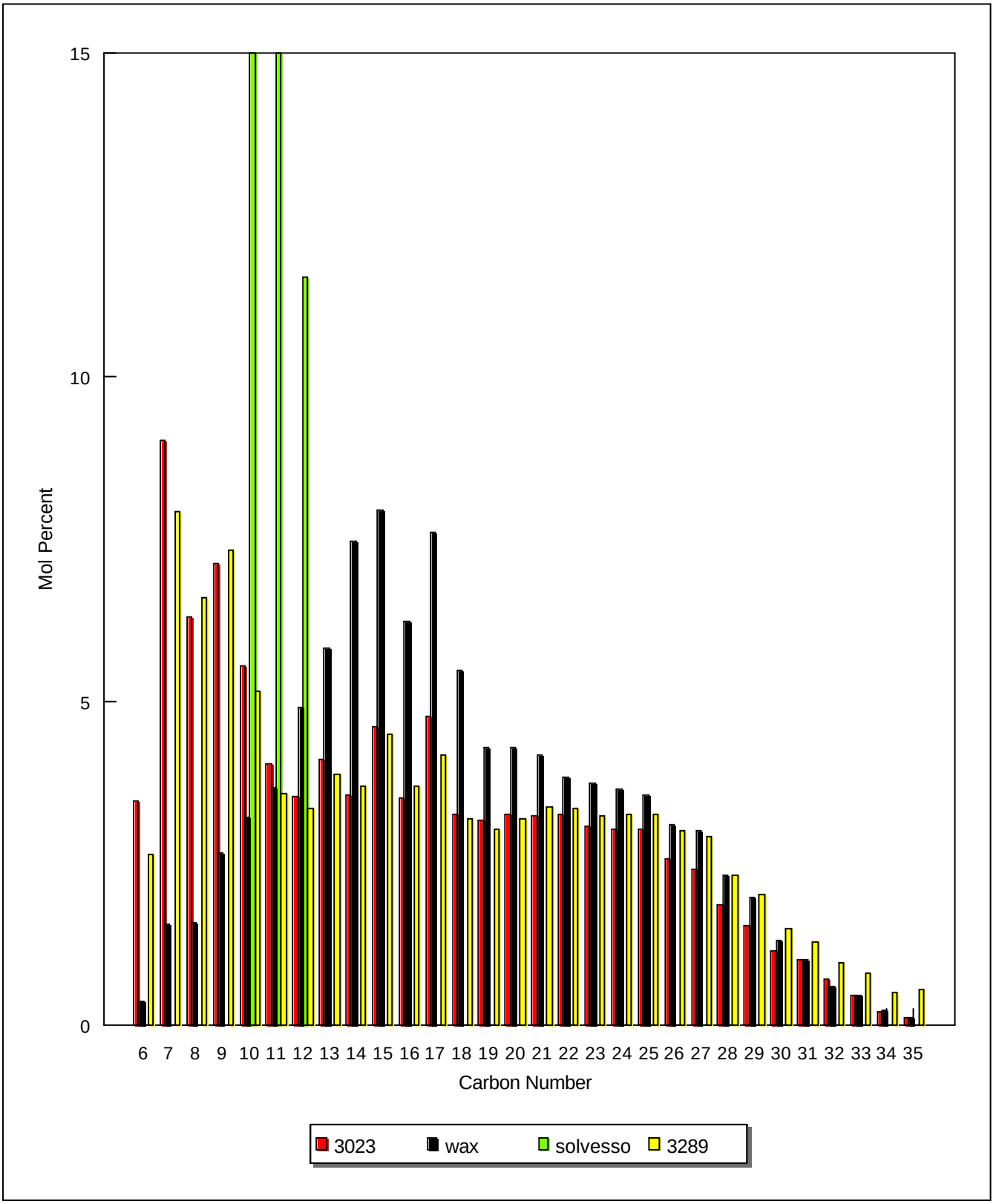
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY

		3023	wax	solvesso	3289
Component		Mol %	Mol %	Mol %	Mol %
Hexanes minus	C6-	3.27	0.08	0.00	1.96
Hexanes	C6	3.45	0.37	0.00	2.62
Heptanes	C7	9.03	1.56	0.00	7.92
Octanes	C8	6.29	1.57	0.00	6.59
Nonanes	C9	7.13	2.66	0.00	7.32
Decanes	C10	5.53	3.20	27.11	5.14
Undecanes	C11	4.02	3.67	61.34	3.58
Dodecanes	C12	3.53	4.89	11.54	3.34
Tridecanes	C13	4.11	5.82	0.00	3.86
Tetradecanes	C14	3.56	7.46	0.00	3.69
Pentadecanes	C15	4.59	7.94	0.00	4.49
Hexadecanes	C16	3.49	6.23	0.00	3.68
Heptadecanes	C17	4.77	7.60	0.00	4.16
Octadecanes	C18	3.25	5.47	0.00	3.19
Nonadecanes	C19	3.15	4.28	0.00	3.02
Eicosanes	C20	3.26	4.29	0.00	3.19
Heneicosanes	C21	3.22	4.16	0.00	3.36
Docosanes	C22	3.24	3.81	0.00	3.35
Tricosanes	C23	3.06	3.73	0.00	3.23
Tetracosanes	C24	3.02	3.63	0.00	3.24
Pentacosanes	C25	3.03	3.55	0.00	3.26
Hexacosanes	C26	2.56	3.10	0.00	2.99
Heptacosanes	C27	2.41	3.01	0.00	2.90
Octacosanes	C28	1.86	2.30	0.00	2.30
Nonacosanes	C29	1.54	1.96	0.00	2.02
Triacontanes plus	C30	1.14	1.31	0.00	1.49
Hentriacontanes	C31	1.00	1.00	0.00	1.29
Dotriacontanes	C32	0.72	0.59	0.00	0.97
Tritriacontanes	C33	0.46	0.45	0.00	0.79
Tetratriacontanes	C34	0.20	0.22	0.00	0.50
Pentatriacontanes Plus	C35+	0.11	0.11	0.00	0.55
TOTAL		100.00	100.02	99.99	99.99

Molecular Weight Calculated *	:	213.2	248.9	145.6	226.3
Density @ 60 °F Calculated *	:	0.8371	0.8540	0.7876	0.8444
Density @ 60 °F Measured		0.8399	--	--	0.8307
API @ 60 °F		36.8	--	--	38.7

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY



WATER ANALYSIS

Customer Sample ID		MDT 23	MRSC 33	MDT 51
Date Received		05/10/2005	05/10/2005	05/10/2005
Sample Type		Water	Water	Water
Test/Reference	Unit			
PROPERTIES: APHA 20th Ed				
pH at Measured Temp.*		7.1	7.1	7.5
Measured Temp.*	°C	21.2	21.2	21.2
Electrical Conductivity @ 25°C*	µS/cm	83000	82000	90000
Resistivity @ 25°C*	M.Ohm	0.12	0.12	0.11
ANIONS mg/L APHA 20th ed				
Hydroxide as OH*	mg/L	<1	<1	<1
Carbonate as CO3*	mg/L	<1	<1	<1
Bicarbonate as HCO3*	mg/L	840	1000	1100
Chloride as Cl*	mg/L	30000	28000	32000
Nitrate as NO3*	mg/L	4	6	3
Sulphate as SO4*	mg/L	880	900	950
Total Anions*	mg/L	31000	30000	34000
ANIONS meq/L APHA 20th ed				
Hydroxide as OH*	meq/L	<0.01	<0.01	<0.01
Carbonate as CO3*	meq/L	<0.01	<0.01	<0.01
Bicarbonate as HCO3*	meq/L	14	16	19
Chloride as Cl*	meq/L	830	790	900
Nitrate as NO3*	meq/L	0.06	0.97e-1	0.05
Sulphate as SO4*	meq/L	18	19	20
Total Anions*	meq/L	870	830	940
CATIONS mg/L APHA 20th ed				
Potassium as K*	mg/L	26000	25000	28000
Sodium as Na*	mg/L	4200	3800	4500
Calcium as Ca*	mg/L	260	220	320
Magnesium as Mg*	mg/L	88	78	100
Total Cations*	mg/L	31000	29000	33000
CATIONS meq/L APHA 20th ed				
Potassium as K*	meq/L	660	630	730
Sodium as Na*	meq/L	180	160	200
Calcium as Ca*	meq/L	13	11	16
Magnesium as Mg*	meq/L	7	6	8
Total Cations*	meq/L	870	820	950
DERIVED PARAMETERS APHA 20th ed				
Ion balance (Diff * 100/Sum)*	%	0	1	0
Acceptance Criteria*	%	5	5	5
Satisfactory*		Yes	Yes	Yes
Total Alkalinity (calc as CaCO3)*	mg/L	690	820	930
Total Cations + Anions*	mg/L	62000	59000	68000
Hardness (calc as CaCO3)*	mg/L	1000	880	1200
Calculated Total Dissolved Solids	mg/L	53000	52000	58000
CATIONS mg/L APHA 20th ed				
Strontium as Sr*	mg/L	9	6	8
Barium as Ba*	mg/L	<0.05	<0.05	<0.05

WATER ANALYSIS

Customer Sample ID		MPSR 192	MPSR 286	MPSR 310
Date Received		05/10/2005	05/10/2005	05/10/2005
Sample Type		Water	Water	Water
Test/Reference	Unit			
PROPERTIES: APHA 20th Ed				
pH at Measured Temp.*		6.8	6.8	6.7
Measured Temp.*	°C	21.2	21.2	21.2
Electrical Conductivity @ 25°C*	µS/cm	62000	58000	61000
Resistivity @ 25°C*	M.Ohm	0.16	0.17	0.16
ANIONS mg/L APHA 20th ed				
Hydroxide as OH*	mg/L	<1	<1	<1
Carbonate as CO3*	mg/L	<1	<1	<1
Bicarbonate as HCO3*	mg/L	1100	1000	1200
Chloride as Cl*	mg/L	23000	20000	22000
Nitrate as NO3*	mg/L	<0.1	<0.1	3
Sulphate as SO4*	mg/L	1800	1700	1900
Total Anions*	mg/L	26000	23000	25000
ANIONS meq/L APHA 20th ed				
Hydroxide as OH*	meq/L	<0.01	<0.01	<0.01
Carbonate as CO3*	meq/L	<0.01	<0.01	<0.01
Bicarbonate as HCO3*	meq/L	18	17	19
Chloride as Cl*	meq/L	640	560	620
Nitrate as NO3*	meq/L	<0.01	<0.01	0.05
Sulphate as SO4*	meq/L	38	35	39
Total Anions*	meq/L	700	610	680
CATIONS mg/L APHA 20th ed				
Potassium as K*	mg/L	6400	4500	5600
Sodium as Na*	mg/L	11000	11000	11000
Calcium as Ca*	mg/L	440	360	440
Magnesium as Mg*	mg/L	630	440	650
Total Cations*	mg/L	18000	16000	18000
CATIONS meq/L APHA 20th ed				
Potassium as K*	meq/L	160	120	140
Sodium as Na*	meq/L	460	490	470
Calcium as Ca*	meq/L	22	18	22
Magnesium as Mg*	meq/L	52	36	53
Total Cations*	meq/L	700	650	690
DERIVED PARAMETERS APHA 20th ed				
Ion balance (Diff * 100/Sum)*	%	0	3	1
Acceptance Criteria*	%	5	5	5
Satisfactory*		Yes	Yes	Yes
Total Alkalinity (calc as CaCO3)*	mg/L	900	850	940
Total Cations + Anions*	mg/L	44000	39000	43000
Hardness (calc as CaCO3)*	mg/L	3700	2700	3800
Calculated Total Dissolved Solids	mg/L	40000	37000	39000
CATIONS mg/L APHA 20th ed				
Strontium as Sr*	mg/L	3	<0.05	<0.05
Barium as Ba*	mg/L	<0.05	<0.05	<0.05

WATER ANALYSIS

Customer Sample ID		MPSR 477	MPSR 487
Date Received		05/10/2005	05/10/2005
Sample Type		Water	Water
Test/Reference	Unit		
PROPERTIES: APHA 20th Ed			
pH at Measured Temp.*		7.0	7.0
Measured Temp.*	°C	21.2	21.2
Electrical Conductivity @ 25°C*	µS/cm	57000	58000
Resistivity @ 25°C*	M.Ohm	0.18	0.17
ANIONS mg/L APHA 20th ed			
Hydroxide as OH*	mg/L	<1	<1
Carbonate as CO3*	mg/L	<1	<1
Bicarbonate as HCO3*	mg/L	1400	1600
Chloride as Cl*	mg/L	18000	19000
Nitrate as NO3*	mg/L	<0.1	<0.1
Sulphate as SO4*	mg/L	480	1300
Total Anions*	mg/L	20000	22000
ANIONS meq/L APHA 20th ed			
Hydroxide as OH*	meq/L	<0.01	<0.01
Carbonate as CO3*	meq/L	<0.01	<0.01
Bicarbonate as HCO3*	meq/L	23	27
Chloride as Cl*	meq/L	520	540
Nitrate as NO3*	meq/L	<0.01	<0.01
Sulphate as SO4*	meq/L	10	26
Total Anions*	meq/L	550	590
CATIONS mg/L APHA 20th ed			
Potassium as K*	mg/L	5100	4800
Sodium as Na*	mg/L	11000	11000
Calcium as Ca*	mg/L	200	210
Magnesium as Mg*	mg/L	130	200
Total Cations*	mg/L	16000	16000
CATIONS meq/L APHA 20th ed			
Potassium as K*	meq/L	130	120
Sodium as Na*	meq/L	470	480
Calcium as Ca*	meq/L	10	10
Magnesium as Mg*	meq/L	11	16
Total Cations*	meq/L	630	630
DERIVED PARAMETERS APHA 20th ed			
Ion balance (Diff * 100/Sum)*	%	6	3
Acceptance Criteria*	%	5	5
Satisfactory*		No	Yes
Total Alkalinity (calc as CaCO3)*	mg/L	1200	1300
Total Cations + Anions*	mg/L	37000	38000
Hardness (calc as CaCO3)*	mg/L	1000	1300
Calculated Total Dissolved Solids	mg/L	36000	37000
CATIONS mg/L APHA 20th ed			
Strontium as Sr*	mg/L	2	<0.05
Barium as Ba*	mg/L	<0.05	<0.05

Validity Check On MPSR # 479 taken at depth 3023.4

Saturation Pressure : 3820 psig @ 111 ° F

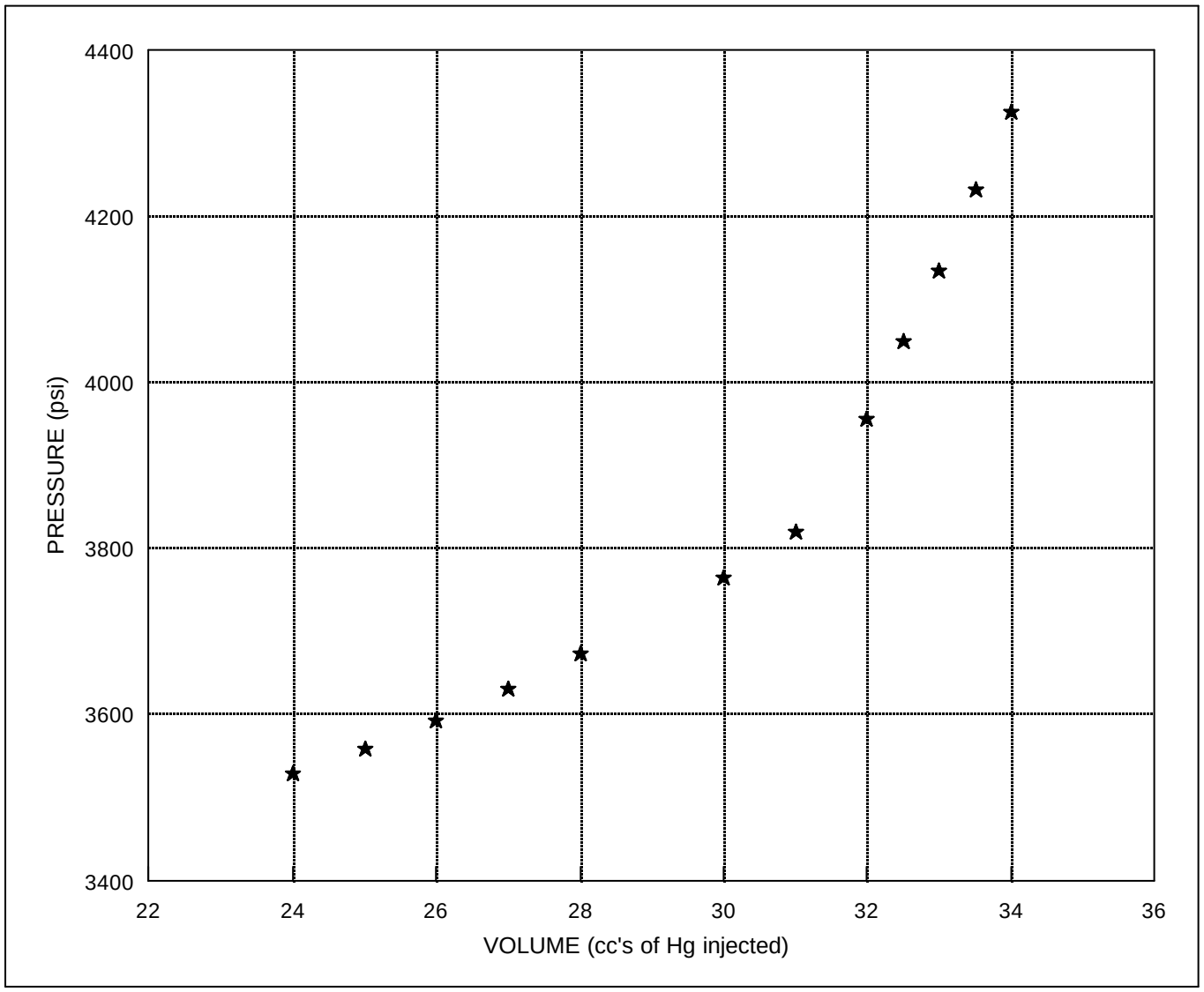
Sample # 1

Transfer Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 479
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	9214 - 166
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
24.00	3528
25.00	3558
26.00	3592
27.00	3630
28.00	3673
30.00	3765
31.00	3820
32.00	3955
32.50	4049
33.00	4134
33.50	4231
34.00	4326



Validity Check On MPSR # 498 taken at depth 3023.4

Saturation Pressure : 3805 psig @ 116 °F

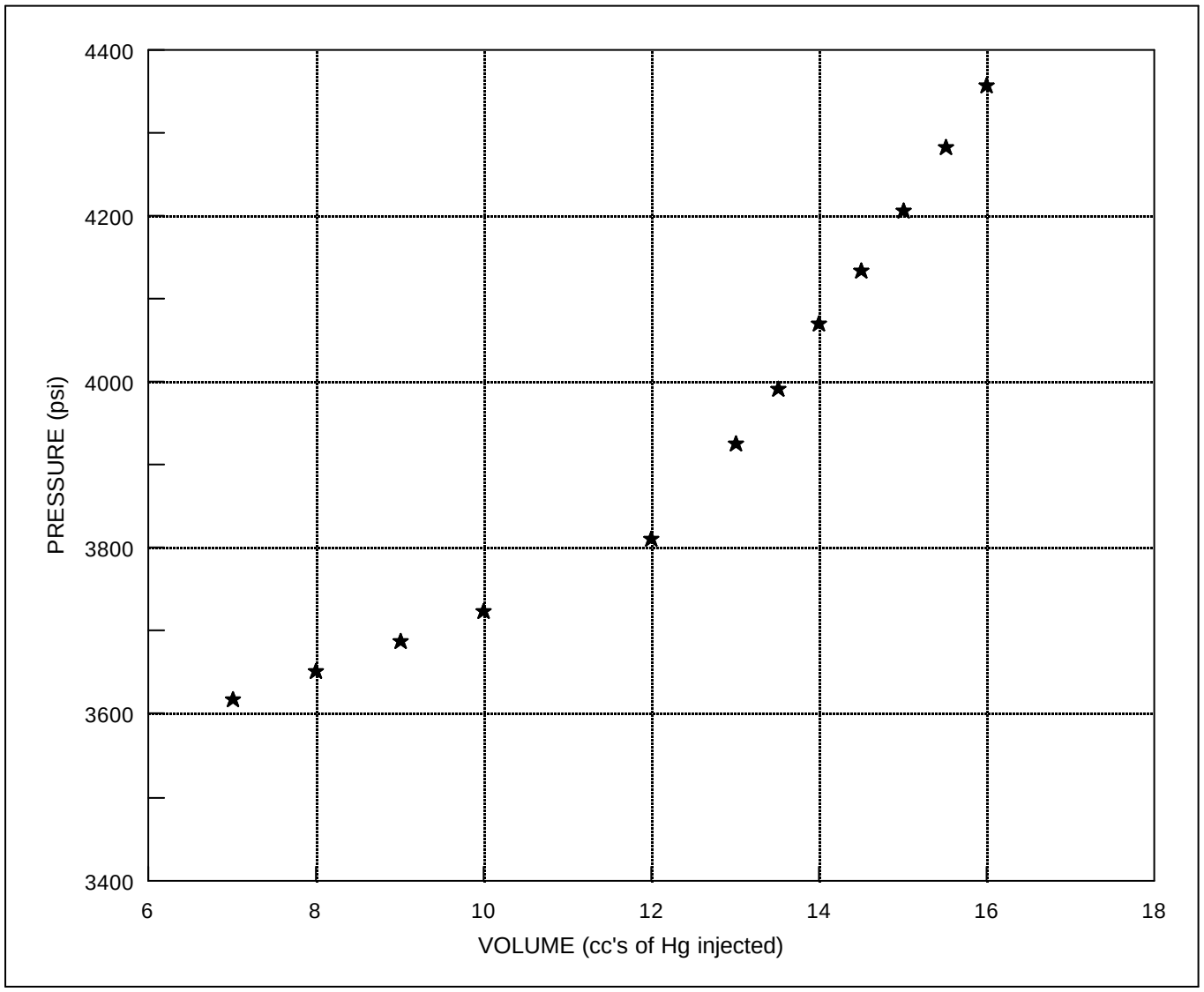
Sample # 2

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 498
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	8151 - 28
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
7.00	3618
8.00	3652
9.00	3689
10.00	3724
12.00	3811
13.00	3925
13.50	3991
14.00	4070
14.50	4135
15.00	4207
15.50	4282
16.00	4358



Validity Check On MPSR # 501 taken at depth 3106.0

Saturation Pressure : 3718 psig @ 129 ° F

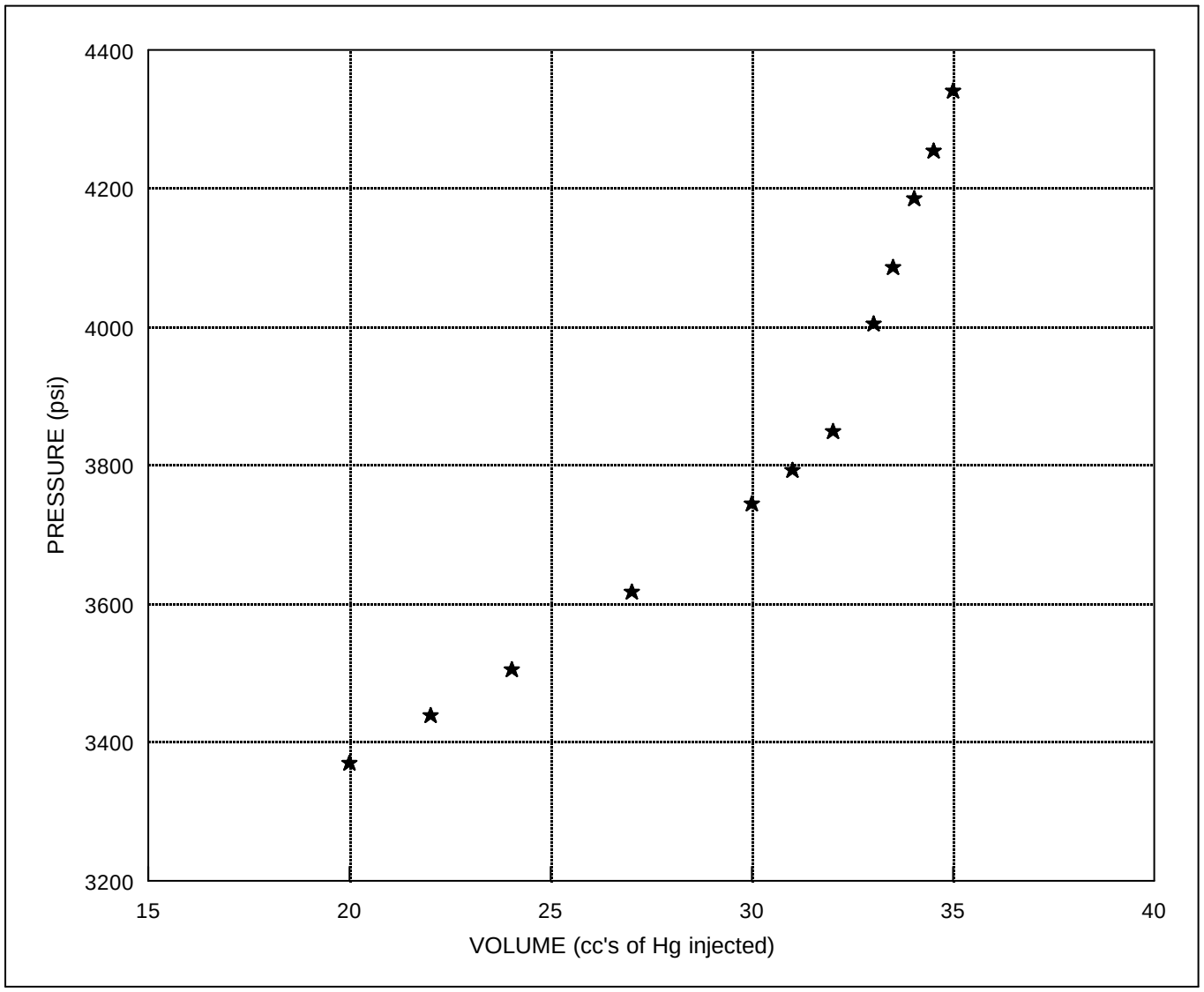
Sample # 1

Transfer Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 501
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	84103217
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
20.00	3369
22.00	3439
24.00	3506
27.00	3618
30.00	3744
31.00	3794
32.00	3848
33.00	4004
33.50	4085
34.00	4185
34.50	4255
35.00	4340



Validity Check On MPSR # 494 taken at depth 3106.0

Saturation Pressure : 3785 psig @ 140 °F

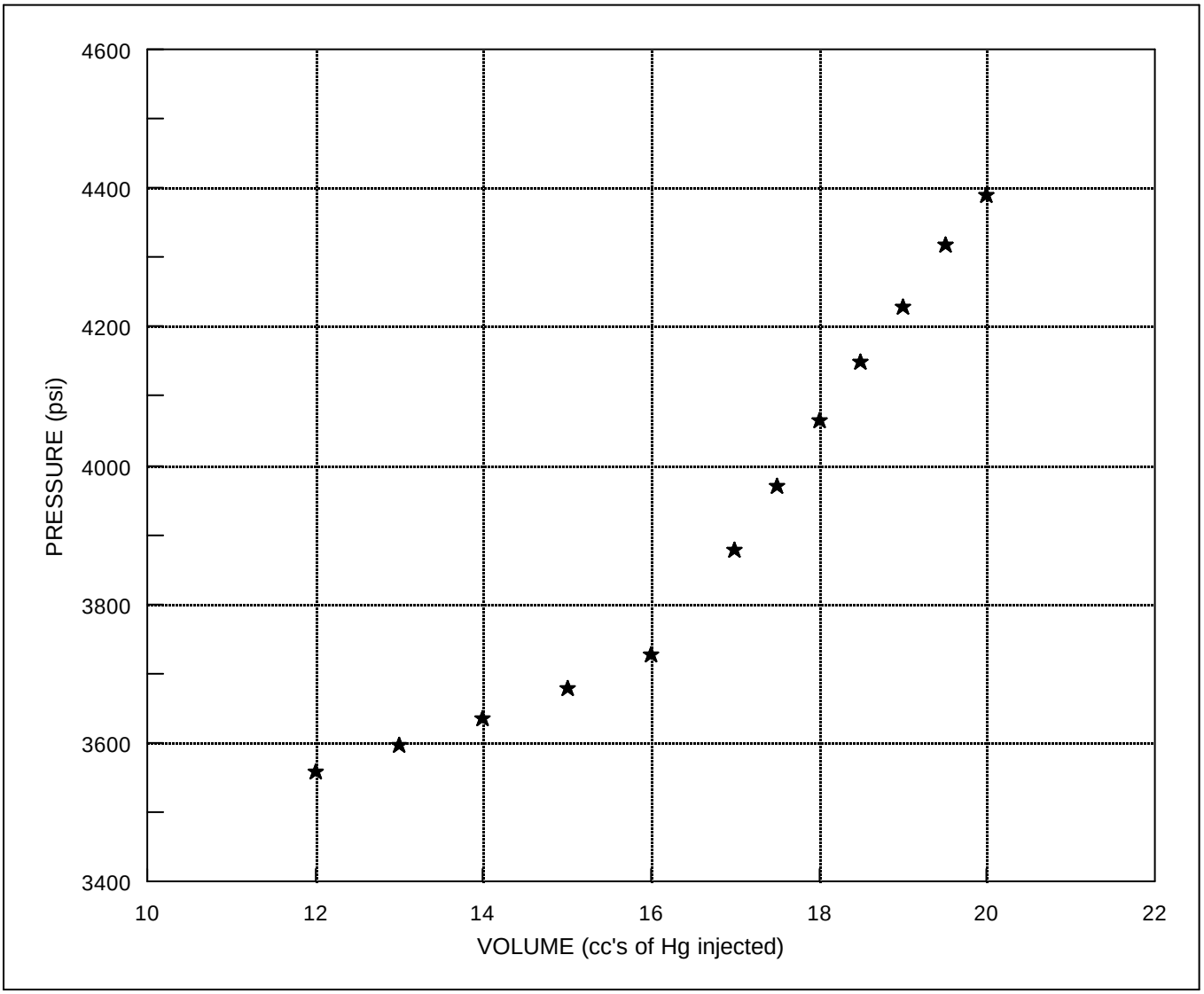
Sample # 2

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 494
Opening Pressure (psig)	:	2550

Transferred into Cylinder #	:	84093202
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
12.00	3559
13.00	3597
14.00	3637
15.00	3680
16.00	3727
17.00	3880
17.50	3970
18.00	4066
18.50	4150
19.00	4228
19.50	4319
20.00	4390



Validity Check On MPSR # 478 taken at depth 3133.4

Saturation Pressure : 4040 psig @ 131 ° F

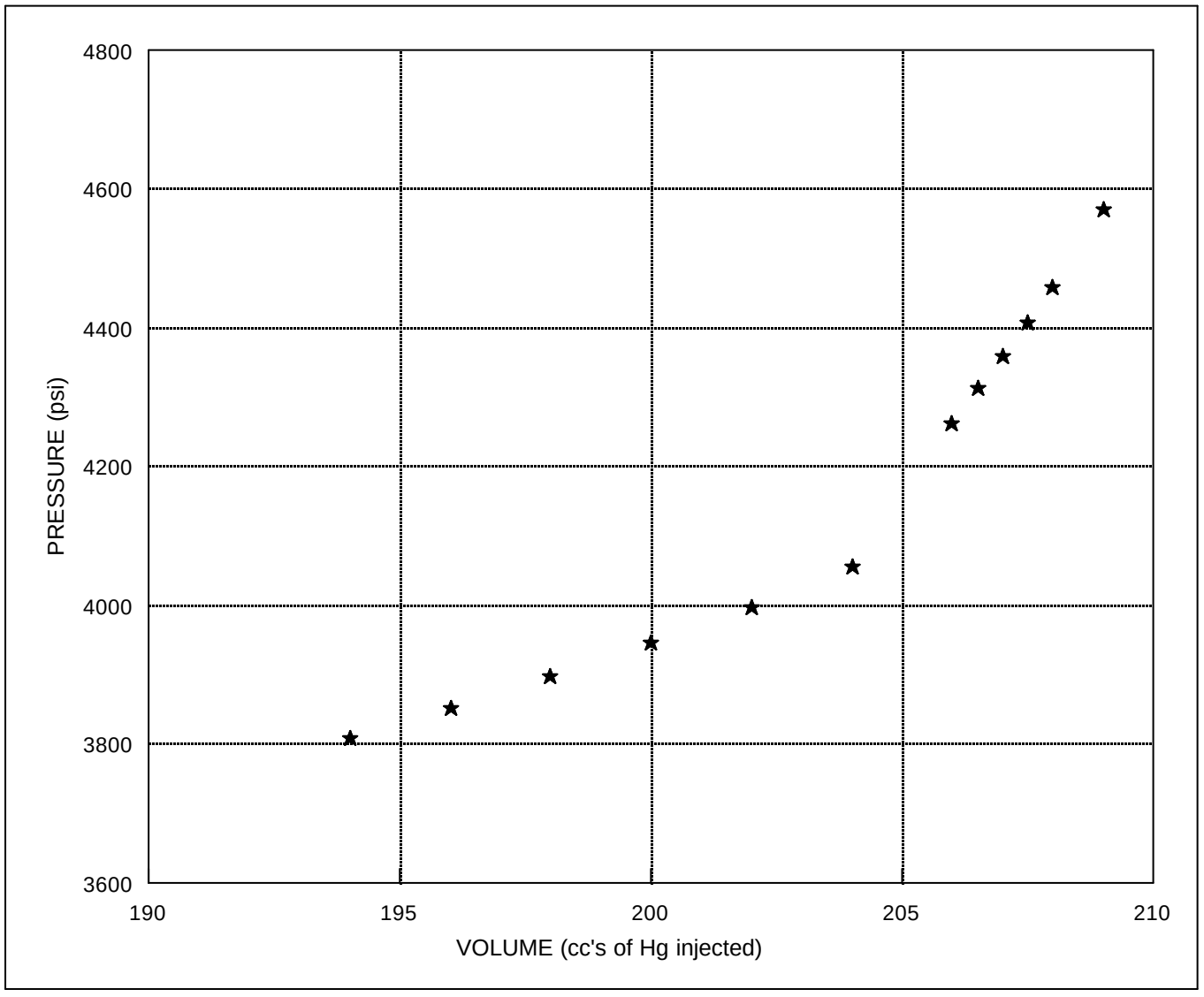
Sample # 1

Transfer Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 478
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	8103206
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
194.00	3807
196.00	3851
198.00	3897
200.00	3945
202.00	3997
204.00	4056
206.00	4263
206.50	4312
207.00	4358
207.50	4408
208.00	4458
209.00	4571



Validity Check On MPSR # 316 taken at depth 3133.4

Saturation Pressure : 3920 psig @ 131 °F

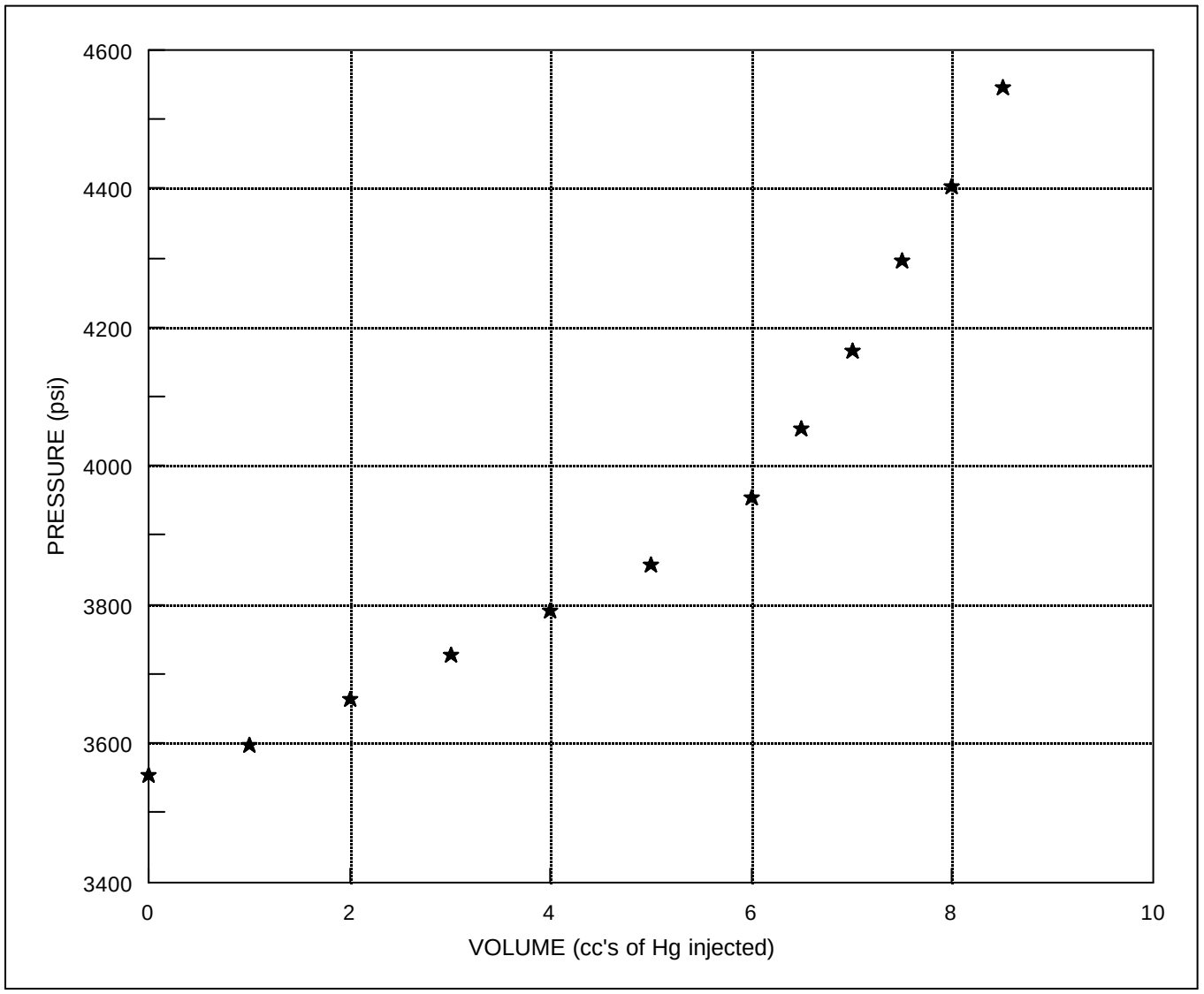
Sample # 2

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 316
Opening Pressure (psig)	:	2600

Transferred into Cylinder #	:	84062602
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
0.00	3555
1.00	3598
2.00	3665
3.00	3727
4.00	3792
5.00	3857
6.00	3955
6.50	4054
7.00	4165
7.50	4296
8.00	4403
8.50	4545



Validity Check On 2 Gallon Chamber # 033 taken at depth 3133.4

Saturation Pressure : 3905 psig @ 126 ° F

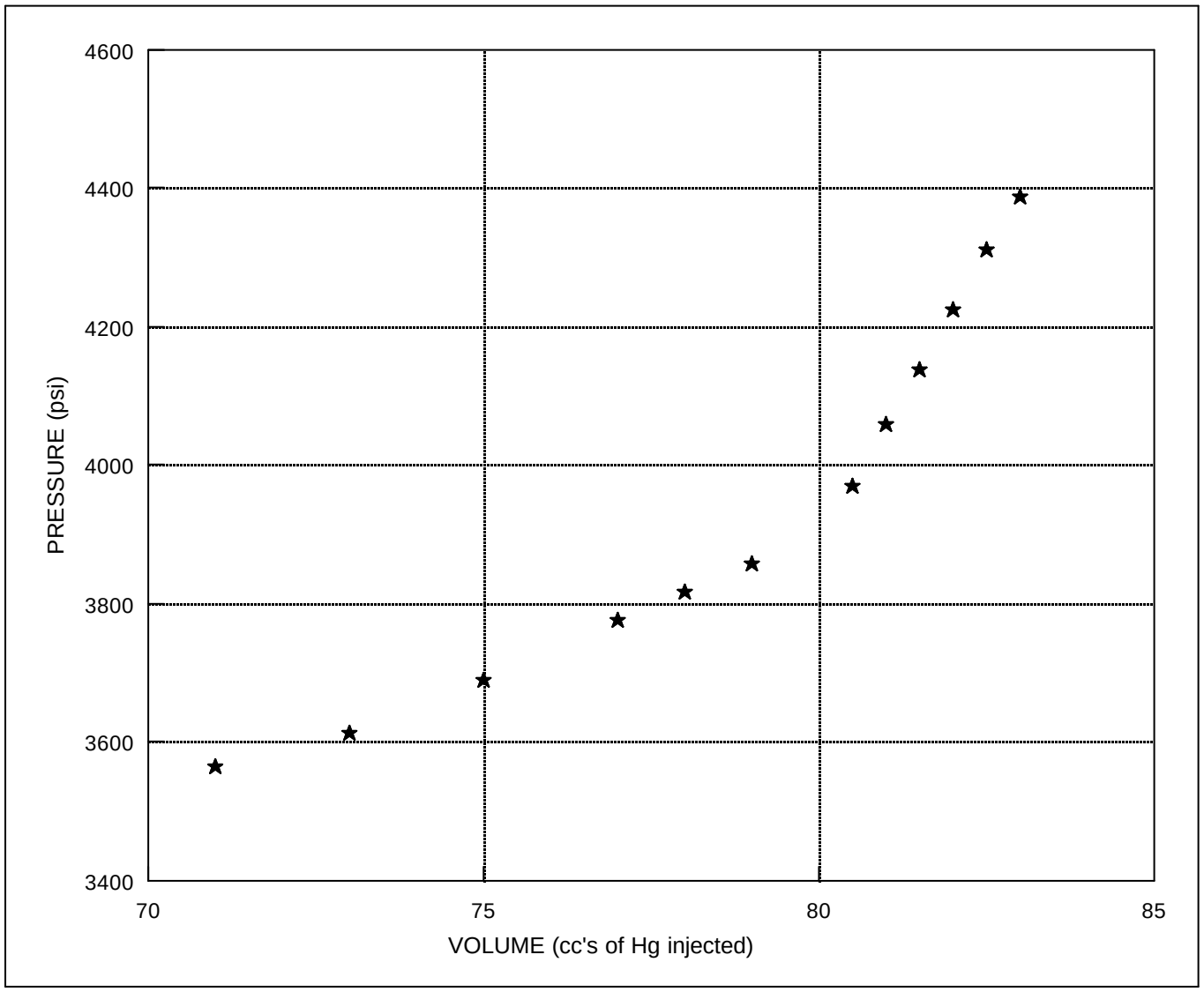
Sample # 3

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	2 Gallon Nº 33
Opening Pressure (psig)	:	2400

Transferred into Cylinder #	:	812637
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
71.00	3565
73.00	3614
75.00	3690
77.00	3775
78.00	3817
79.00	3858
80.50	3970
81.00	4060
81.50	4137
82.00	4225
82.50	4311
83.00	4388



Validity Check On MPSR # 485 taken at depth 3241.5

Saturation Pressure : 3975 psig @ 116 ° F

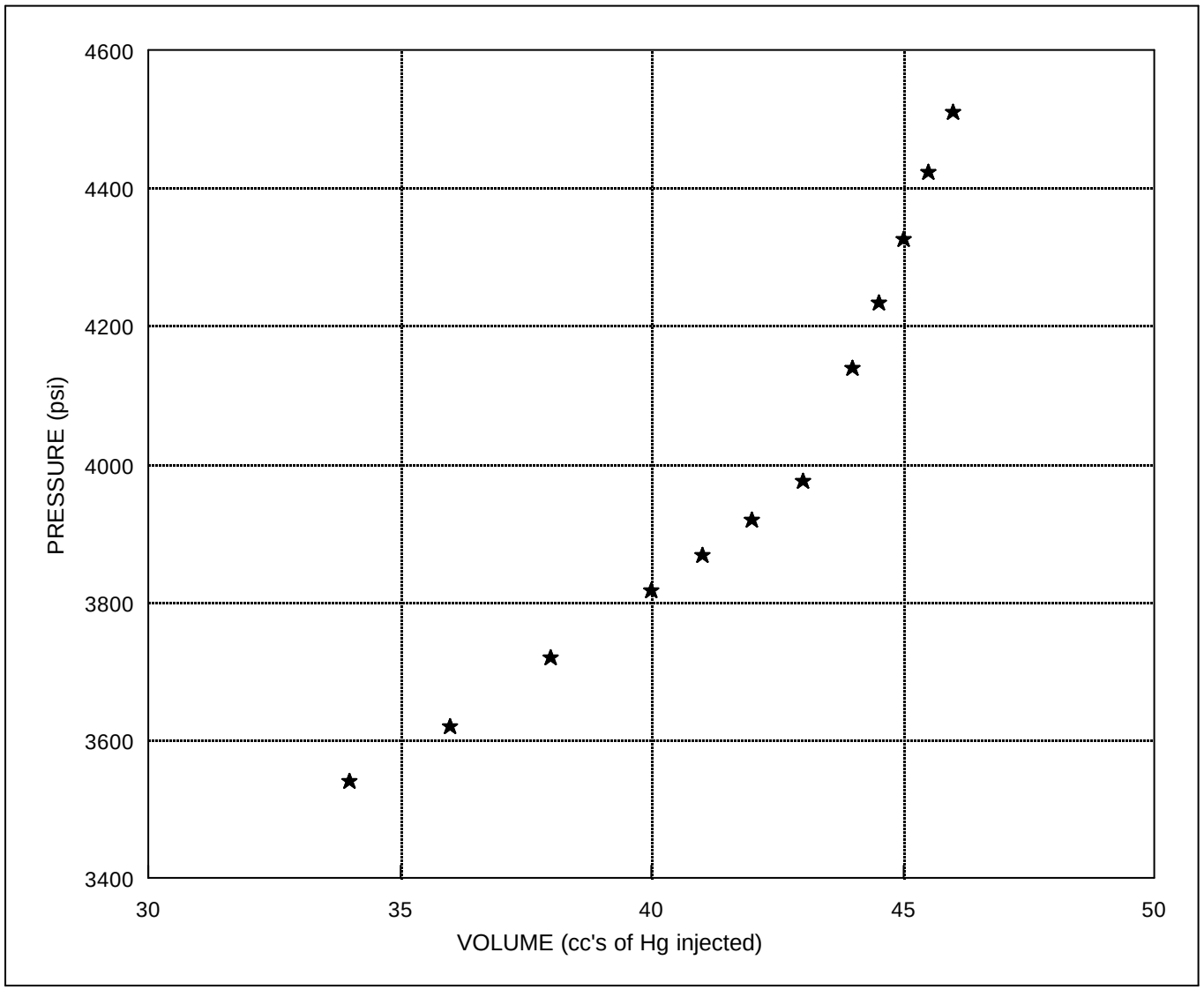
Sample # 1

Transfer Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 485
Opening Pressure (psig)	:	2360

Transferred into Cylinder #	:	85014411
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
34.00	3541
36.00	3621
38.00	3720
40.00	3817
41.00	3870
42.00	3920
43.00	3976
44.00	4141
44.50	4233
45.00	4325
45.50	4424
46.00	4511



Validity Check On 6 Gallon Chamber # 051 taken at depth 3243.0

Saturation Pressure : 4000 psig @ 140 °F

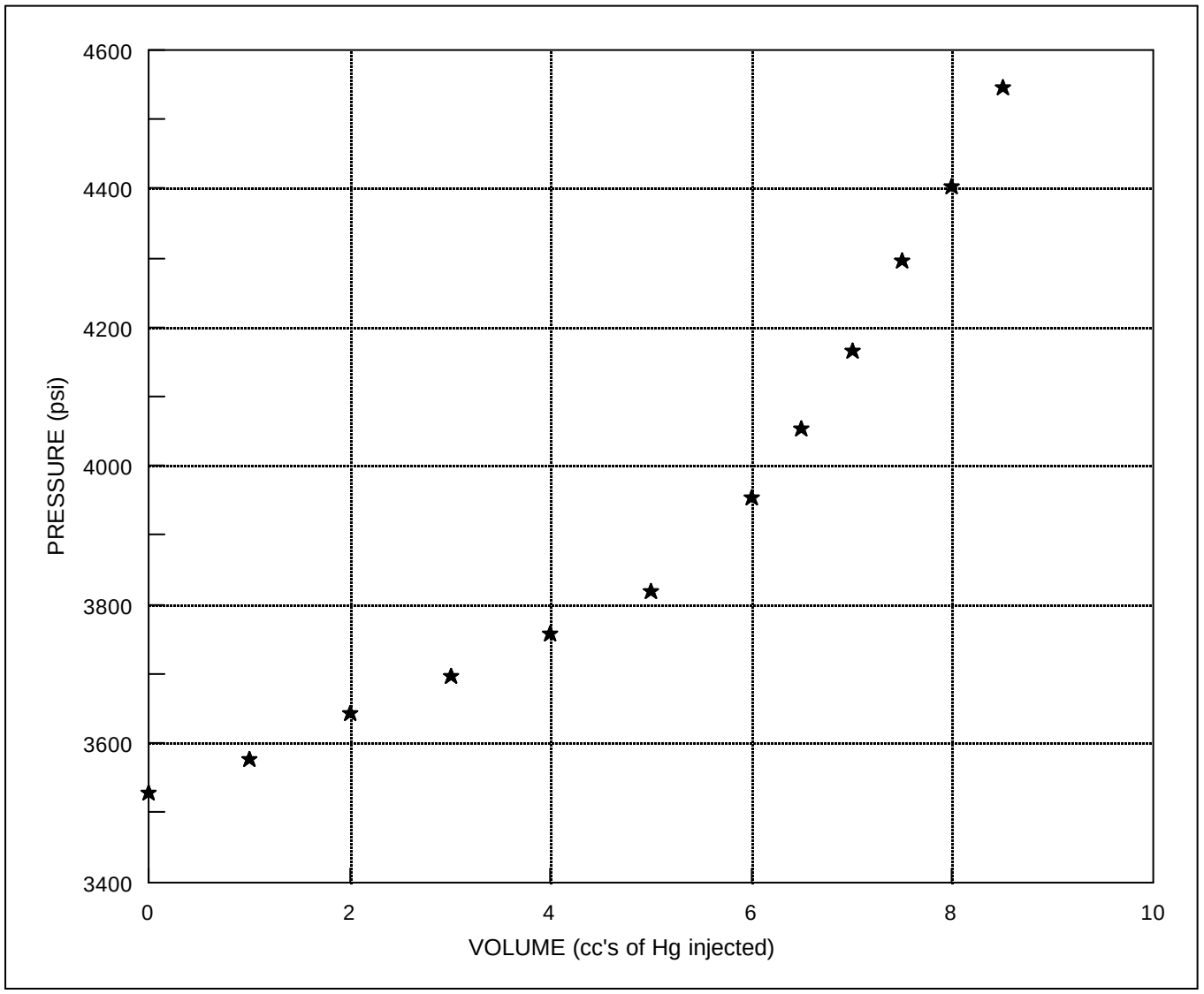
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	6Gln. 051
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	84032809
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
0.00	3530
1.00	3577
2.00	3643
3.00	3698
4.00	3758
5.00	3819
6.00	3955
6.50	4054
7.00	4165
7.50	4296
8.00	4403
8.50	4545



Validity Check On MPSR # 066 taken at depth 3288.0

Saturation Pressure : 4200 psig @ 116 ° F

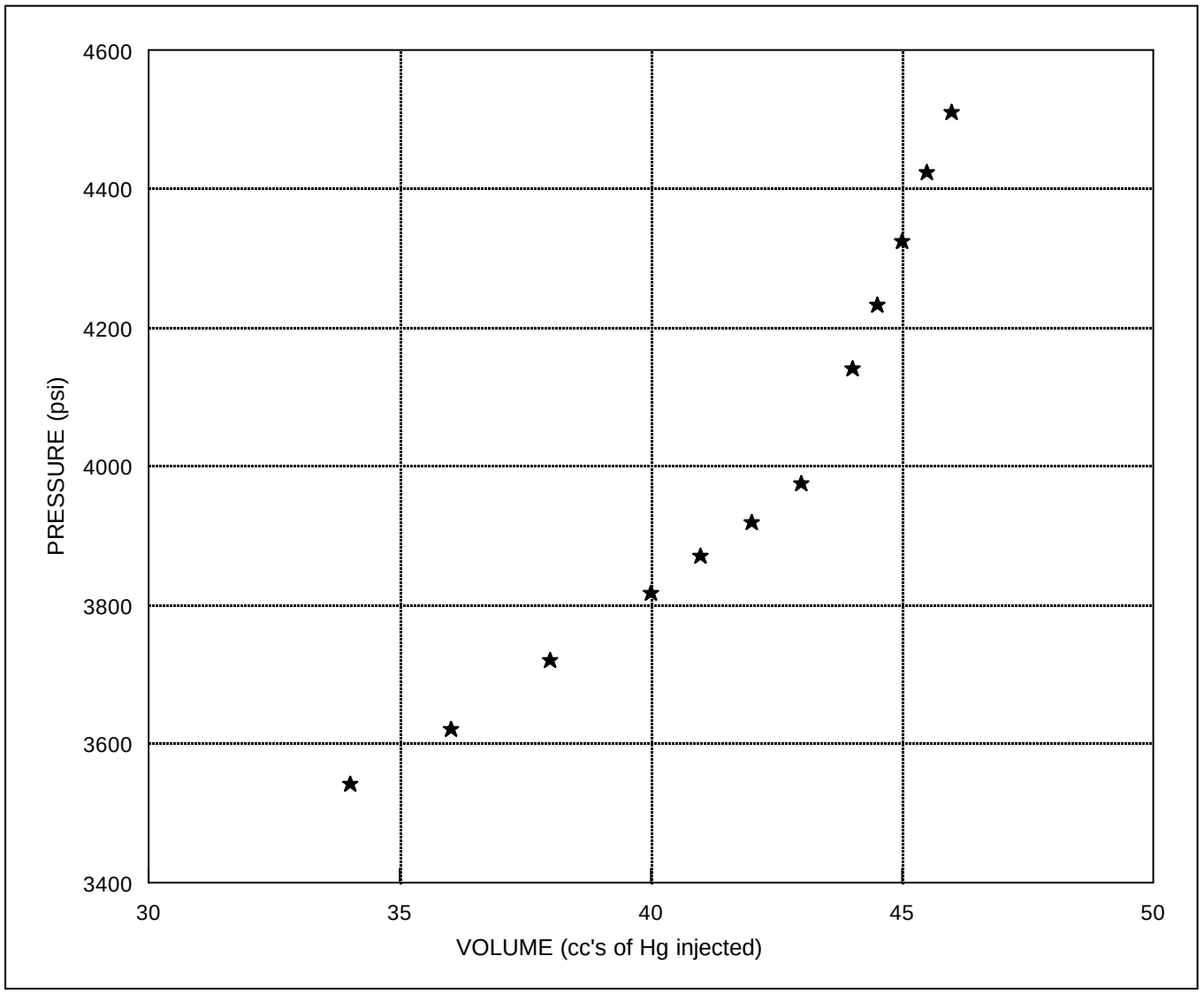
Sample # 1

Transfer Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 066
Opening Pressure (psig)	:	2700

Transferred into Cylinder #	:	20438 - 20
Amount Transferred (ccs)	:	400
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
34.00	3541
36.00	3621
38.00	3720
40.00	3817
41.00	3870
42.00	3920
43.00	3976
44.00	4141
44.50	4233
45.00	4325
45.50	4424
46.00	4511



Validity Check On MPSR # 187 taken at depth 3289.3

Saturation Pressure : 4180 psig @ 140 °F

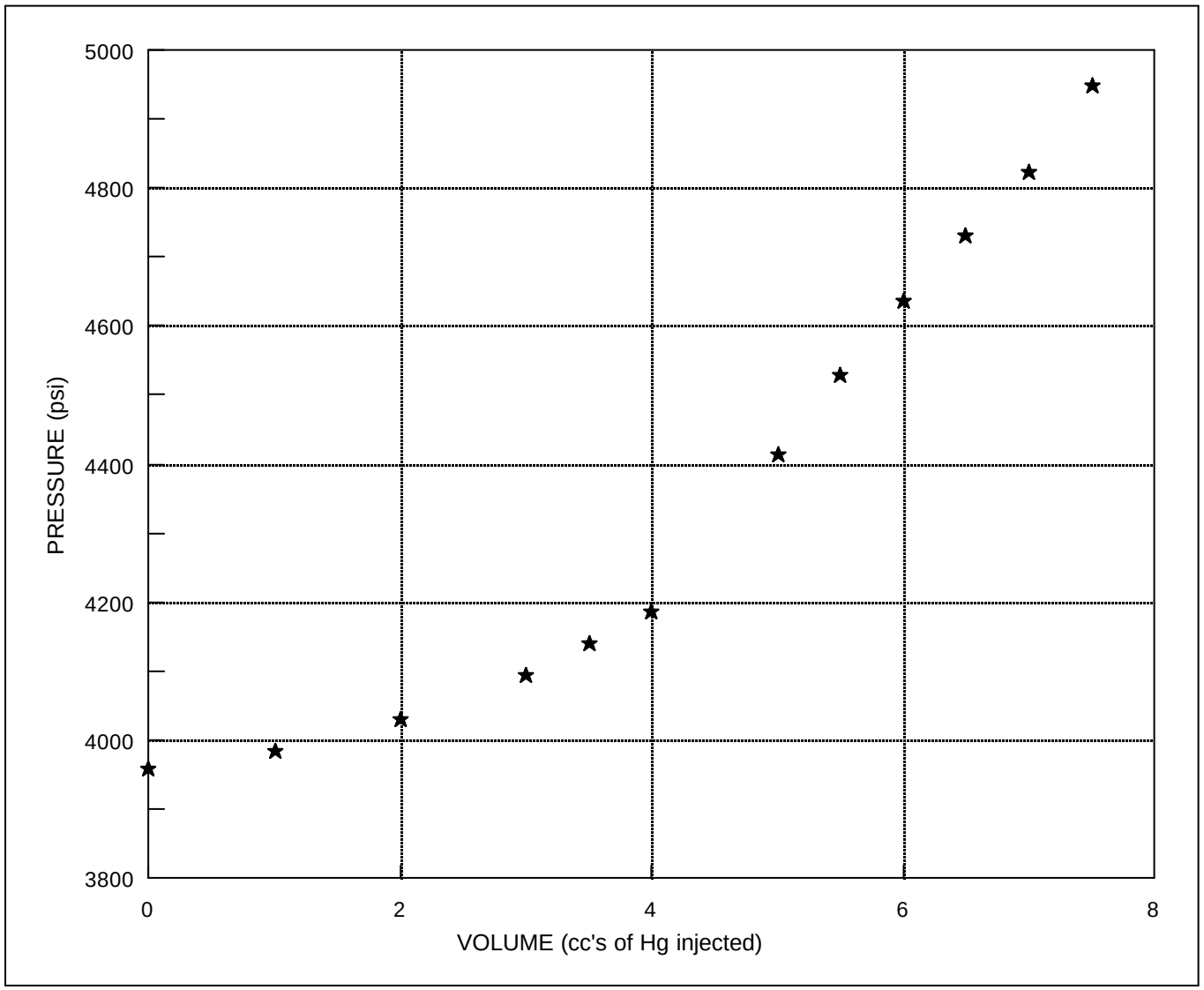
Sample # 2

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	187
Opening Pressure (psig)	:	2700

Transferred into Cylinder #	:	84062304
Amount Transferred (ccs)	:	400
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
0.00	3960
1.00	3986
2.00	4030
3.00	4096
3.50	4140
4.00	4187
5.00	4413
5.50	4529
6.00	4637
6.50	4730
7.00	4823
7.50	4949



Validity Check On MPSR # 479 taken at depth 3023.4

Saturation Pressure : 4090 psig @ 219 ° F

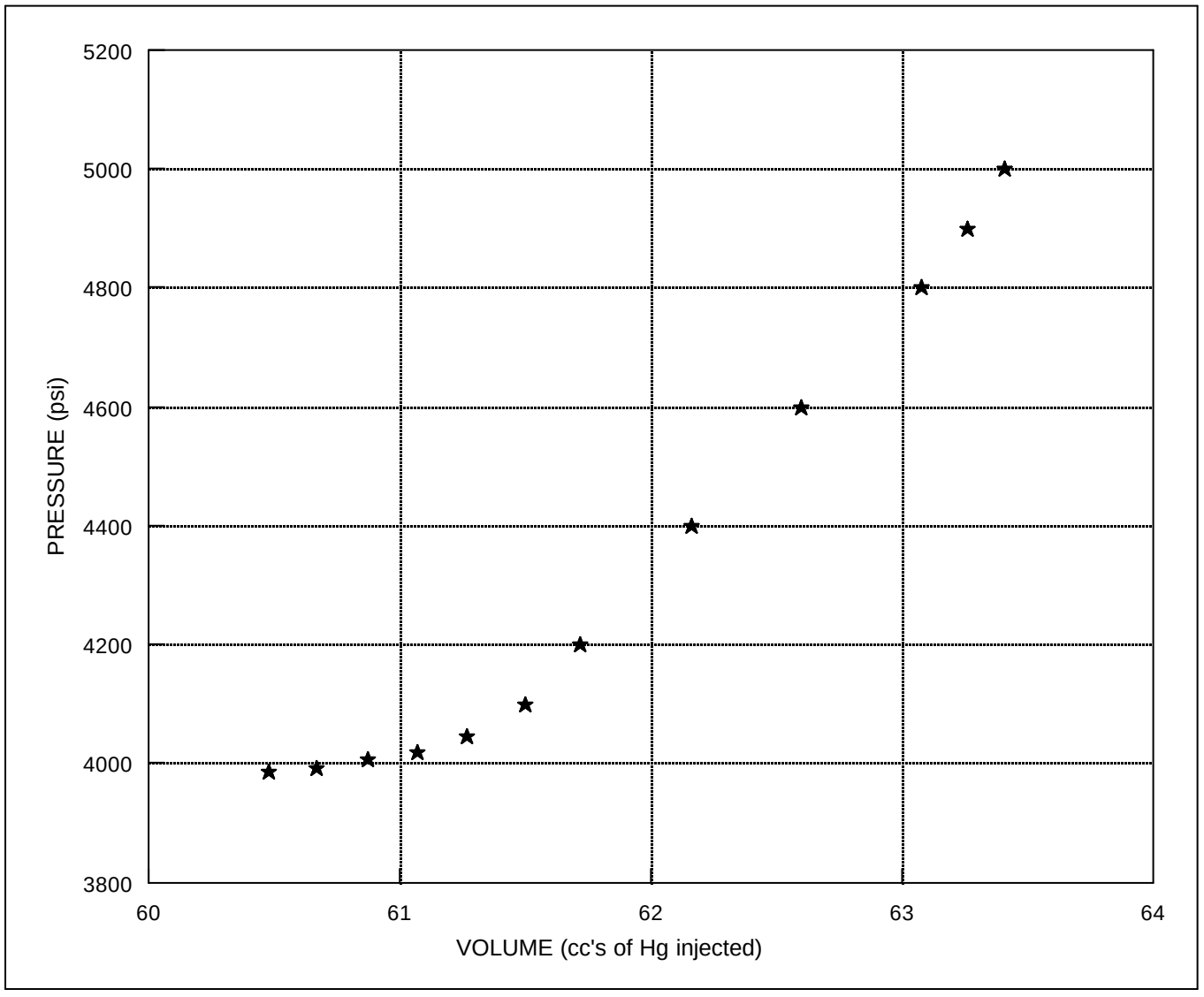
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 479
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	9214 - 166
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
60.48	3985
60.67	3991
60.87	4006
61.07	4019
61.27	4045
61.50	4100
61.72	4200
62.16	4400
62.60	4600
63.08	4800
63.26	4900
63.41	5000



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Company : Anzon Australia Limited	Page : 27 of 139
Well : Basker - 2	File : A - 25013

Validity Check On MPSR # 501 taken at depth 3106.0

Saturation Pressure : 4110 psig @ 225 ° F

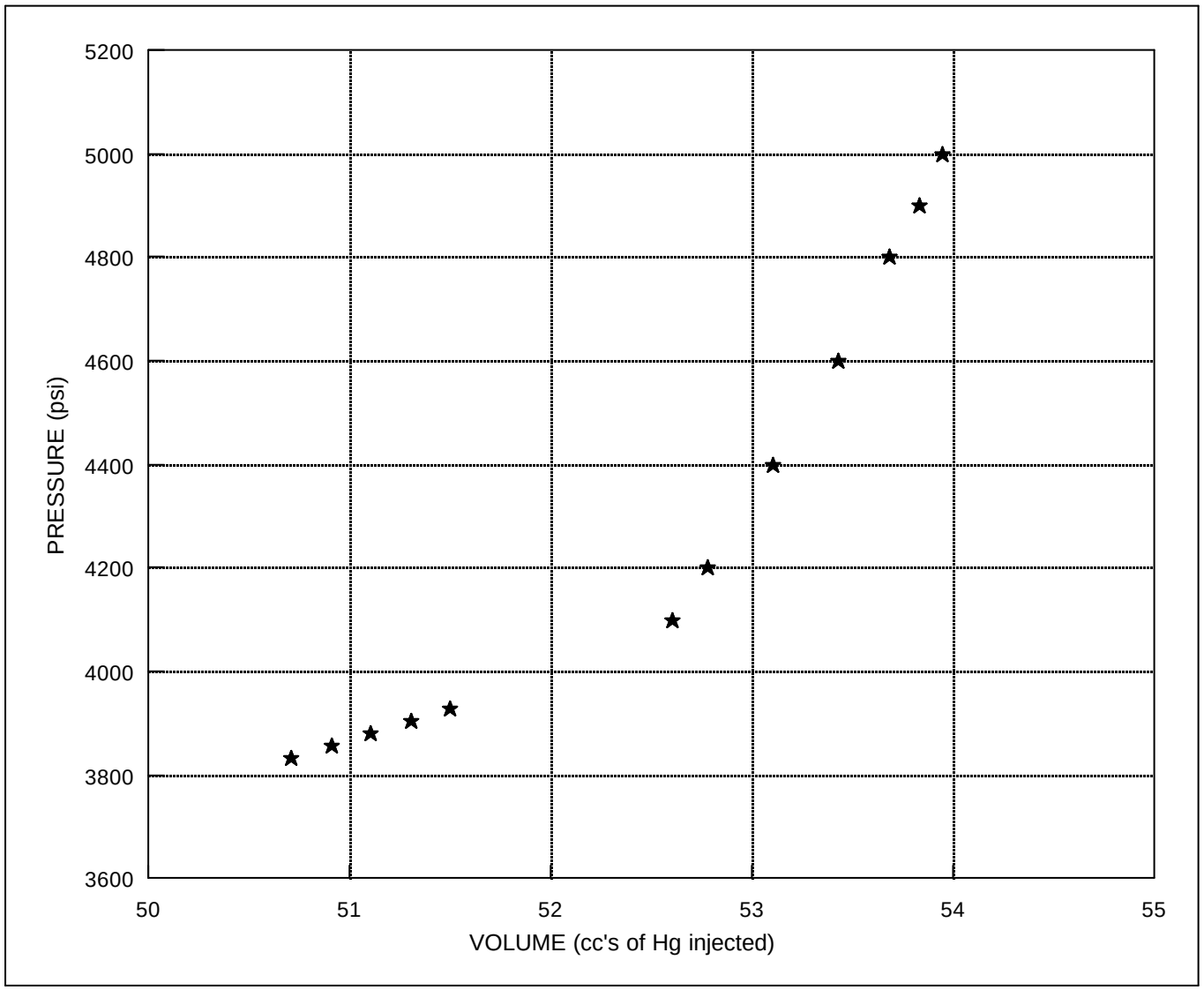
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 501
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	84103217
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
50.71	3834
50.91	3856
51.10	3882
51.30	3906
51.50	3930
52.60	4100
52.78	4200
53.11	4400
53.43	4600
53.69	4800
53.83	4900
53.95	5000



Validity Check On MPSR # 478 taken at depth 3133.4

Saturation Pressure : 4260 psig @ 226 ° F

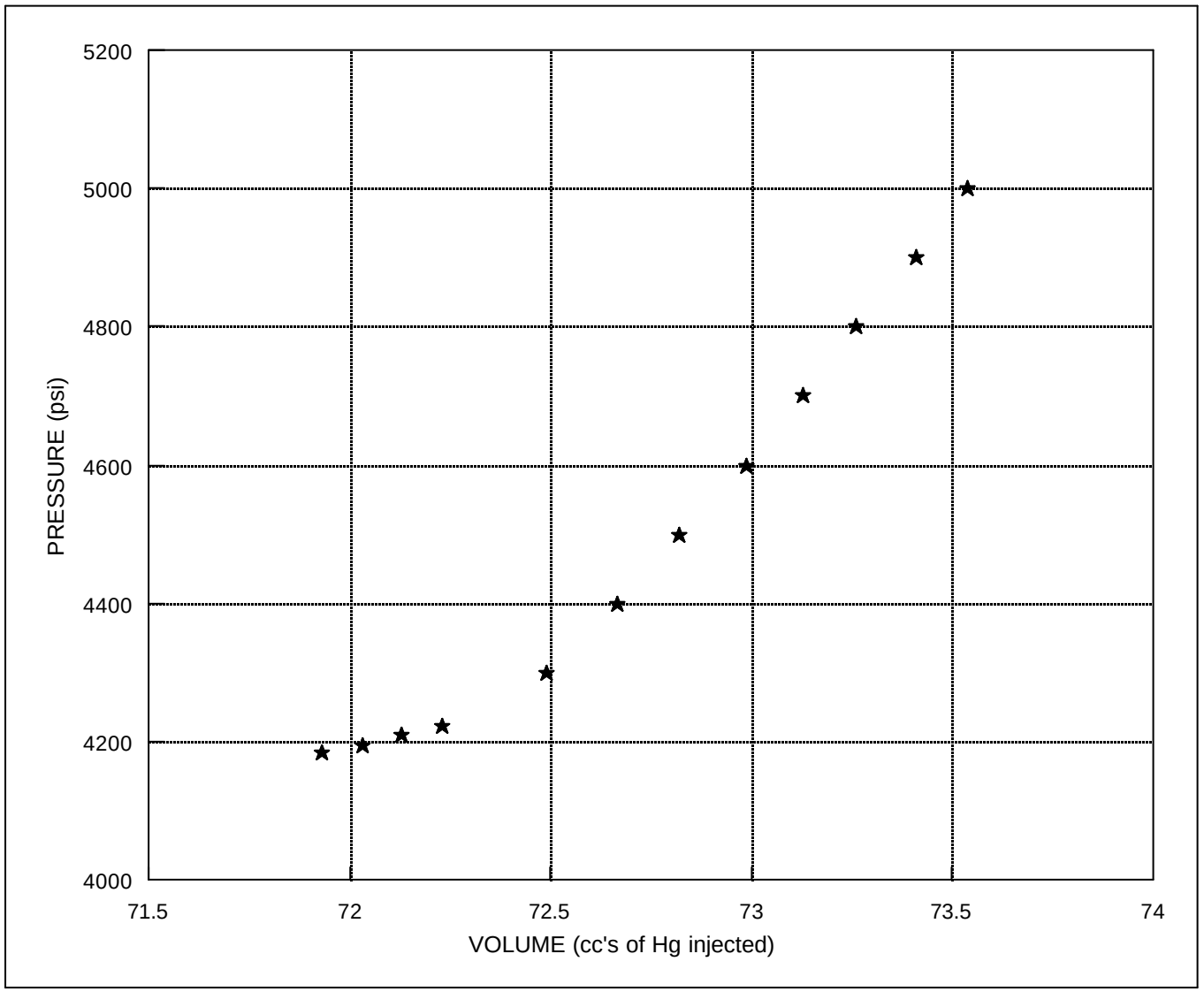
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	MPSR 478
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	8103206
Amount Transferred (ccs)	:	450
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
71.93	4185
72.03	4195
72.13	4210
72.23	4223
72.49	4300
72.67	4400
72.82	4500
72.99	4600
73.13	4700
73.26	4800
73.41	4900
73.54	5000



Validity Check On 6 Gallon Chamber # 051 taken at depth 3243.0

Saturation Pressure : 4400 psig @ 234 ° F

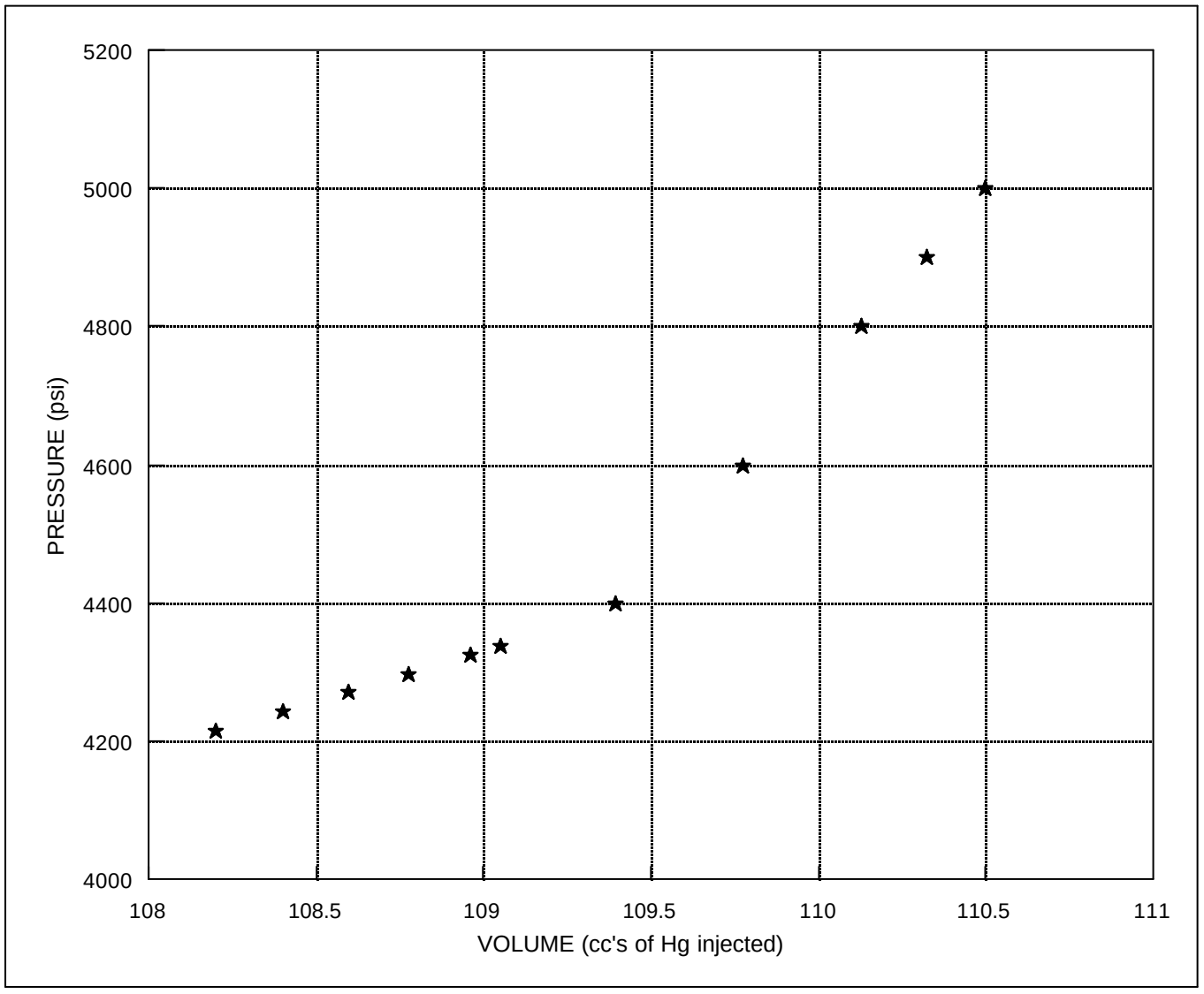
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	6Gln. 051
Opening Pressure (psig)	:	2500

Transferred into Cylinder #	:	84032809
Amount Transferred (ccs)	:	400
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
108.20	4216
108.40	4244
108.60	4272
108.78	4298
108.96	4326
109.05	4339
109.40	4400
109.77	4600
110.13	4800
110.32	4900
110.50	5000



Validity Check On MPSR # 187 taken at depth 3289.3

Saturation Pressure : 4370 psig @ 235 ° F

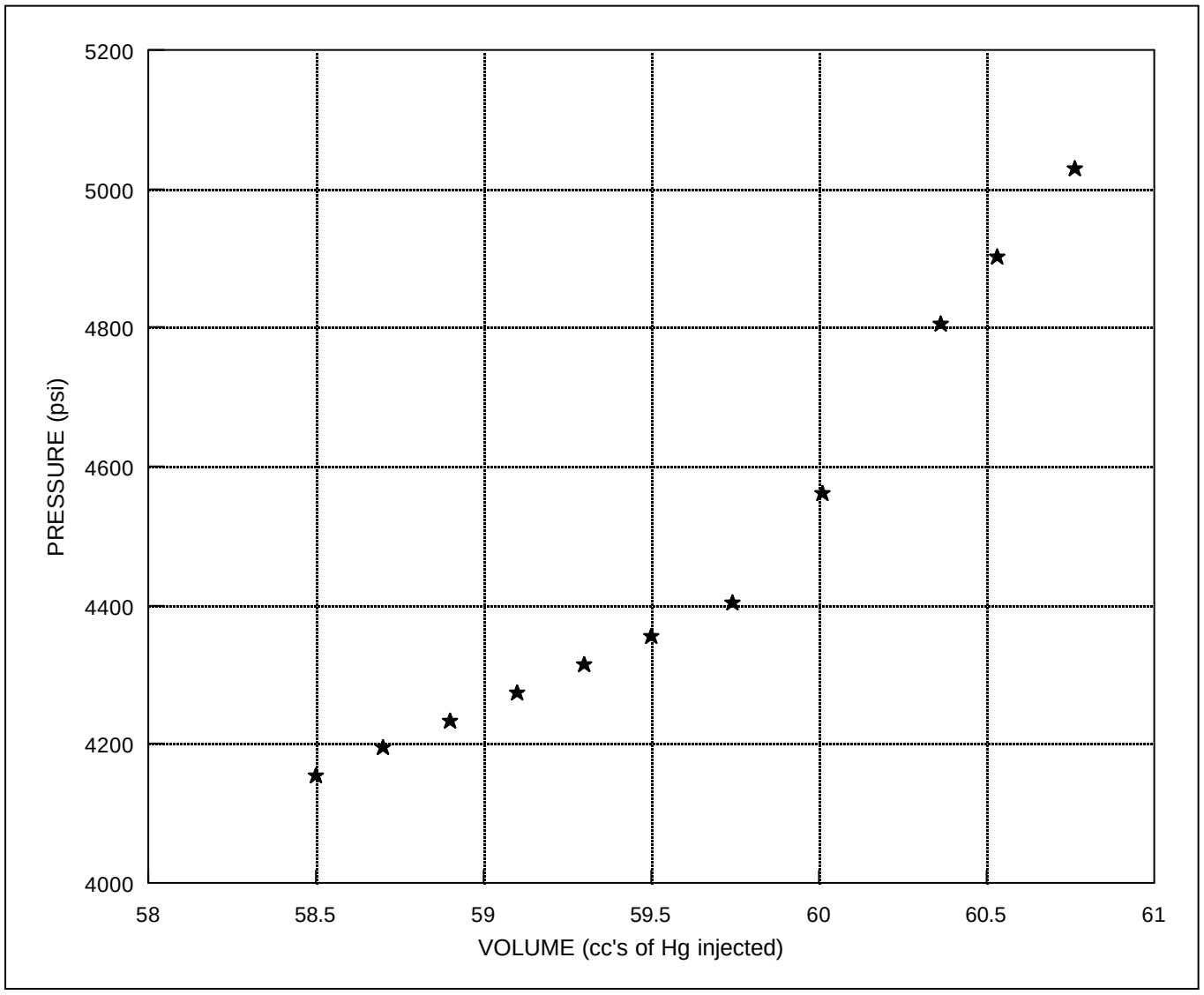
Sample # 1

Sampling Conditions

Tool Received	:	September 12 , 2005
Sampler ID	:	187
Opening Pressure (psig)	:	2700

Transferred into Cylinder #	:	84062304
Amount Transferred (ccs)	:	400
Transfer Pressure (psig)	:	5000

Volume (cc's)	Pressure (psi)
58.50	4155
58.70	4196
58.90	4234
59.10	4274
59.30	4315
59.50	4355
59.74	4405
60.01	4562
60.36	4805
60.53	4901
60.76	5029



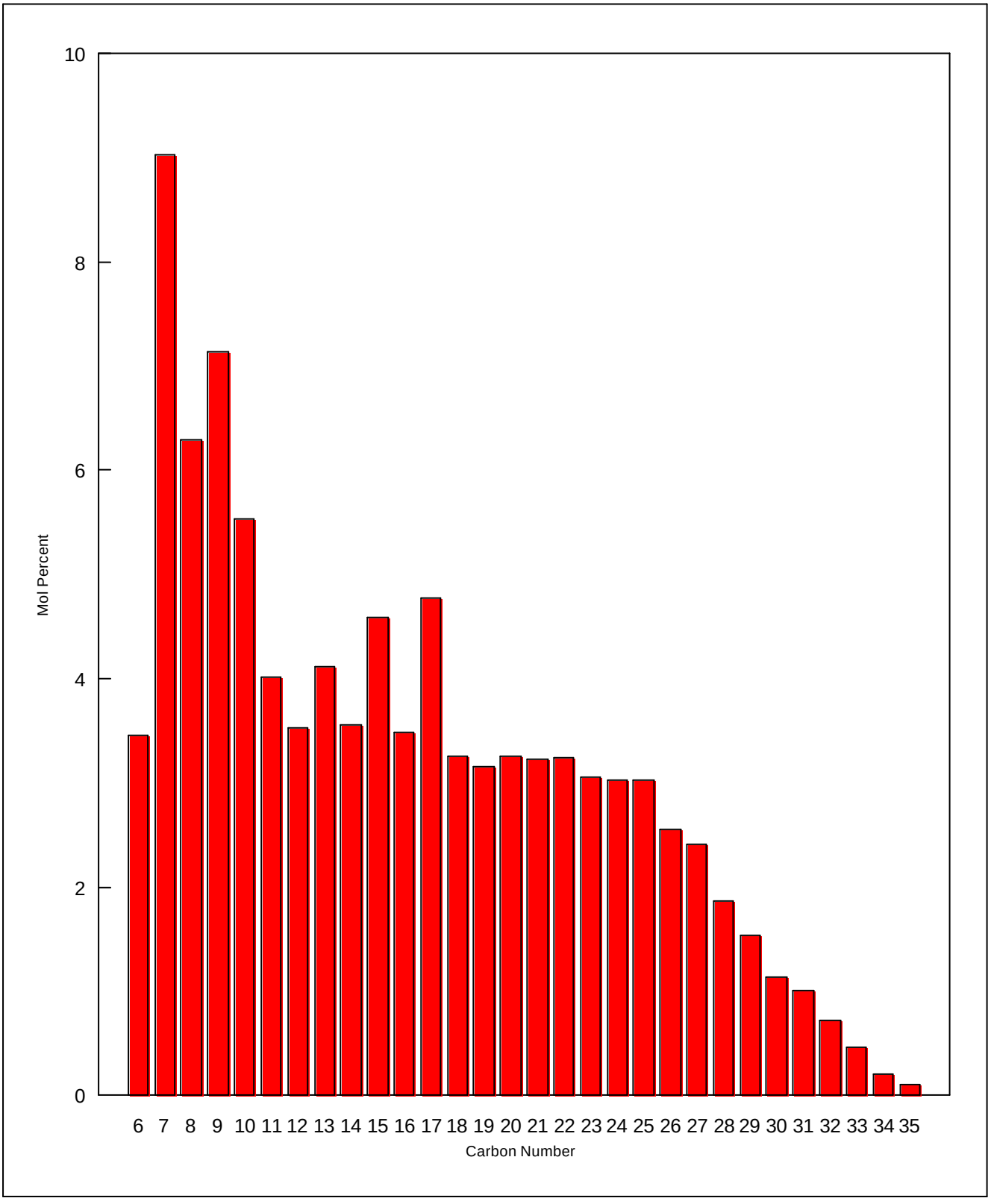
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-9214166

Component		Mol %
Hexanes minus	C6-	3.27
Hexanes	C6	3.45
Heptanes	C7	9.03
Octanes	C8	6.29
Nonanes	C9	7.13
Decanes	C10	5.53
Undecanes	C11	4.02
Dodecanes	C12	3.53
Tridecanes	C13	4.11
Tetradecanes	C14	3.56
Pentadecanes	C15	4.59
Hexadecanes	C16	3.49
Heptadecanes	C17	4.77
Octadecanes	C18	3.25
Nonadecanes	C19	3.15
Eicosanes	C20	3.26
Heneicosanes	C21	3.22
Docosanes	C22	3.24
Tricosanes	C23	3.06
Tetracosanes	C24	3.02
Pentacosanes	C25	3.03
Hexacosanes	C26	2.56
Heptacosanes	C27	2.41
Octacosanes	C28	1.86
Nonacosanes	C29	1.54
Triacontanes	C30	1.14
Hentriacontanes	C31	1.00
Dotriacontanes	C32	0.72
Tritriacontanes	C33	0.46
Tetratriacontanes	C34	0.20
Pentatriacontanes Plus	C35+	0.11
TOTAL		100.00

Molecular Weight Calculated *	:	213.2
Density @ 60 °F Calculated *	:	0.8371
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8112

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-9214166



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Well : Basker - 2	File : A - 25013

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-9214166 ex MPSR # 0479

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.10	7.74	5.33
Nitrogen	N2	0.00	0.17	0.12
Methane	C1	0.36	65.30	44.78
Ethane	C2	0.30	10.35	7.17
Propane	C3	0.72	7.29	5.21
Iso-Butane	iC4	0.36	1.50	1.14
N-Butane	nC4	0.89	2.64	2.09
Iso-Pentane	iC5	0.78	0.90	0.86
N-Pentane	nC5	1.06	0.97	1.00
Hexanes	C6	3.40	1.19	1.89
Heptanes	C7	8.91	1.24	3.66
Octanes	C8	6.21	0.42	2.25
Nonanes	C9	7.03	0.19	2.35
Decanes	C10	5.46	0.07	1.77
Undecanes	C11	3.97	0.02	1.27
Dodecanes Plus	C12+	60.46	0.01	19.11
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3160	0.6840	1.0000
Mass Ratio	:	0.7527	0.2473	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.8144 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1312 SCF	--
Stream Properties				
Molecular Weight	:	178.0	27.02	74.73
Density obs. (gm/cc)	:	0.8112 @ 60 °F	--	0.5950 @ PT*
Gravity (AIR = 1.000)	:	42.8 °API @ 60 °F	0.938	106.1
GHV (BTU/scf)	:	--	1412	--
Hexanes Plus Properties				
Mol %	:	95.44	3.14	32.30
Molecular Weight	:	183.8	95.8	178.0
Density (gm/cc @ 60 °F)	:	0.8162	0.6835	0.8106
Gravity (°API @ 60 °F)	:	41.7	75.3	42.9
Heptanes Plus Properties				
Mol %	:	92.03	1.95	30.41
Molecular Weight	:	187.5	103.1	183.8
Density (gm/cc @ 60 °F)	:	0.8188	0.6931	0.8152
Gravity (°API @ 60 °F)	:	41.1	72.5	41.9
Decanes Plus Properties				
Mol %	:	69.88	0.10	22.15
Molecular Weight	:	213.0	140.2	212.8
Density (gm/cc @ 60 °F)	:	0.8323	0.7338	0.8321
Gravity (°API @ 60 °F)	:	38.3	61.2	38.4
Undecanes Plus Properties				
Mol %	:	64.43	0.03	20.38
Molecular Weight	:	219.7	154.6	219.7
Density (gm/cc @ 60 °F)	:	0.8353	0.7467	0.8353
Gravity (°API @ 60 °F)	:	37.7	57.8	37.7
Dodecanes Plus Properties				
Mol %	:	60.46	0.01	19.11
Molecular Weight	:	224.5	169.8	224.5
Density (gm/cc @ 60 °F)	:	0.8374	0.7591	0.8374
Gravity (°API @ 60 °F)	:	37.3	54.7	37.3

* (P)ressure : 4285 psig * (T)emperature : 232 °F

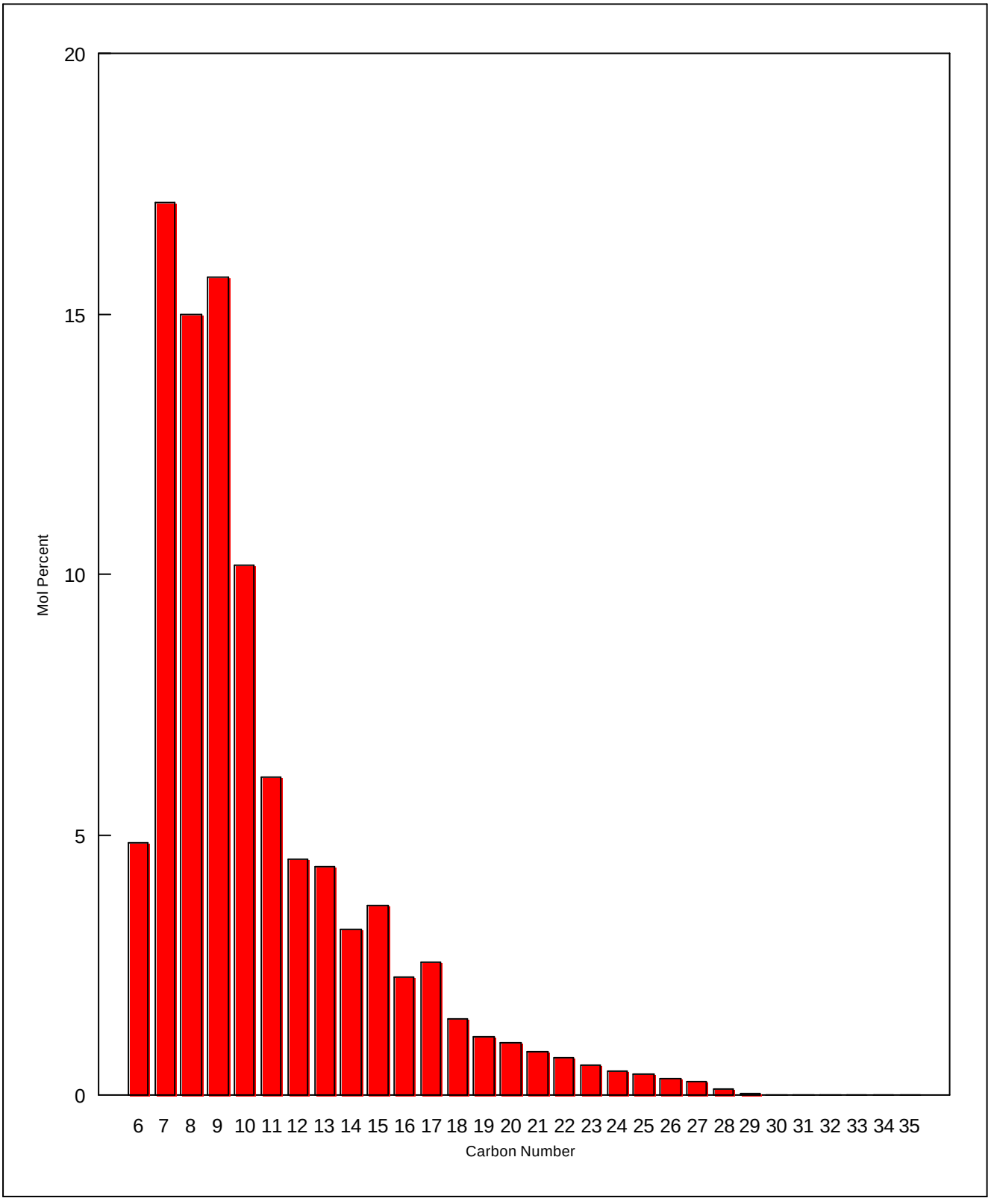
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-82121007

Component		Mol %
Hexanes minus	C6-	3.03
Hexanes	C6	4.85
Heptanes	C7	17.13
Octanes	C8	15.00
Nonanes	C9	15.72
Decanes	C10	10.19
Undecanes	C11	6.10
Dodecanes	C12	4.53
Tridecanes	C13	4.39
Tetradecanes	C14	3.18
Pentadecanes	C15	3.64
Hexadecanes	C16	2.28
Heptadecanes	C17	2.56
Octadecanes	C18	1.47
Nonadecanes	C19	1.13
Eicosanes	C20	1.01
Heneicosanes	C21	0.84
Docosanes	C22	0.73
Tricosanes	C23	0.58
Tetracosanes	C24	0.48
Pentacosanes	C25	0.40
Hexacosanes	C26	0.31
Heptacosanes	C27	0.26
Octacosanes	C28	0.13
Nonacosanes	C29	0.04
Triacontanes	C30	0.02
Hentriacontanes	C31	0.00
Dotriacontanes	C32	0.00
Tritriacontanes	C33	0.00
Tetratriacontanes	C34	0.00
Pentatriacontanes Plus	C35+	0.00
TOTAL		100.00

Molecular Weight Calculated *	:	142.5
Density @ 60 °F Calculated *	:	0.7838
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	--

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-82121007



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COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-82121007 ex MPSR # 0497

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.25	16.53	16.17
Nitrogen	N2	0.00	0.56	0.55
Methane	C1	0.41	69.30	67.79
Ethane	C2	0.23	6.50	6.36
Propane	C3	0.43	3.30	3.24
Iso-Butane	iC4	0.18	0.54	0.53
N-Butane	nC4	0.49	1.01	1.00
Iso-Pentane	iC5	0.41	0.32	0.32
N-Pentane	nC5	0.60	0.36	0.37
Hexanes	C6	4.85	0.48	0.58
Heptanes	C7	17.14	0.60	0.96
Octanes	C8	15.00	0.28	0.60
Nonanes	C9	15.72	0.16	0.50
Decanes	C10	10.19	0.05	0.27
Undecanes	C11	6.10	0.01	0.14
Dodecanes Plus	C12+	27.99	0.00	0.62
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.0219	0.9781	1.0000
Mass Ratio	:	0.1126	0.8874	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	-- @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	32989 SCF	--
Stream Properties				
Molecular Weight	:	141.2	24.90	27.45
Density obs. (gm/cc)	:	0.7842 @ 60 °F	--	-- @ PT*
Gravity (AIR = 1.000)	:	48.8 °API @ 60 °F	0.863	--
GHV (BTU/scf)	:	--	1068	--
Hexanes Plus Properties				
Mol %	:	97.00	1.58	3.67
Molecular Weight	:	144.0	98.4	124.8
Density (gm/cc @ 60 °F)	:	0.7876	0.6869	0.7511
Gravity (°API @ 60 °F)	:	48.0	74.3	56.7
Heptanes Plus Properties				
Mol %	:	92.15	1.10	3.09
Molecular Weight	:	147.1	104.6	132.4
Density (gm/cc @ 60 °F)	:	0.7912	0.6951	0.7622
Gravity (°API @ 60 °F)	:	47.2	71.9	54.0
Decanes Plus Properties				
Mol %	:	44.28	0.06	1.03
Molecular Weight	:	189.8	136.1	186.6
Density (gm/cc @ 60 °F)	:	0.8229	0.7299	0.8186
Gravity (°API @ 60 °F)	:	40.3	62.2	41.2
Undecanes Plus Properties				
Mol %	:	34.09	0.01	0.76
Molecular Weight	:	206.5	146.9	205.7
Density (gm/cc @ 60 °F)	:	0.8323	0.7399	0.8313
Gravity (°API @ 60 °F)	:	38.4	59.6	38.5
Dodecanes Plus Properties				
Mol %	:	27.99	0.00	0.62
Molecular Weight	:	219.4	--	219.4
Density (gm/cc @ 60 °F)	:	0.8390	--	0.8390
Gravity (°API @ 60 °F)	:	37.0	--	37.0

* (P)ressure : 4620 psig * (T)emperature : 220 °F

DEW POINT MEASURED @ 220 °F = 4620 psig

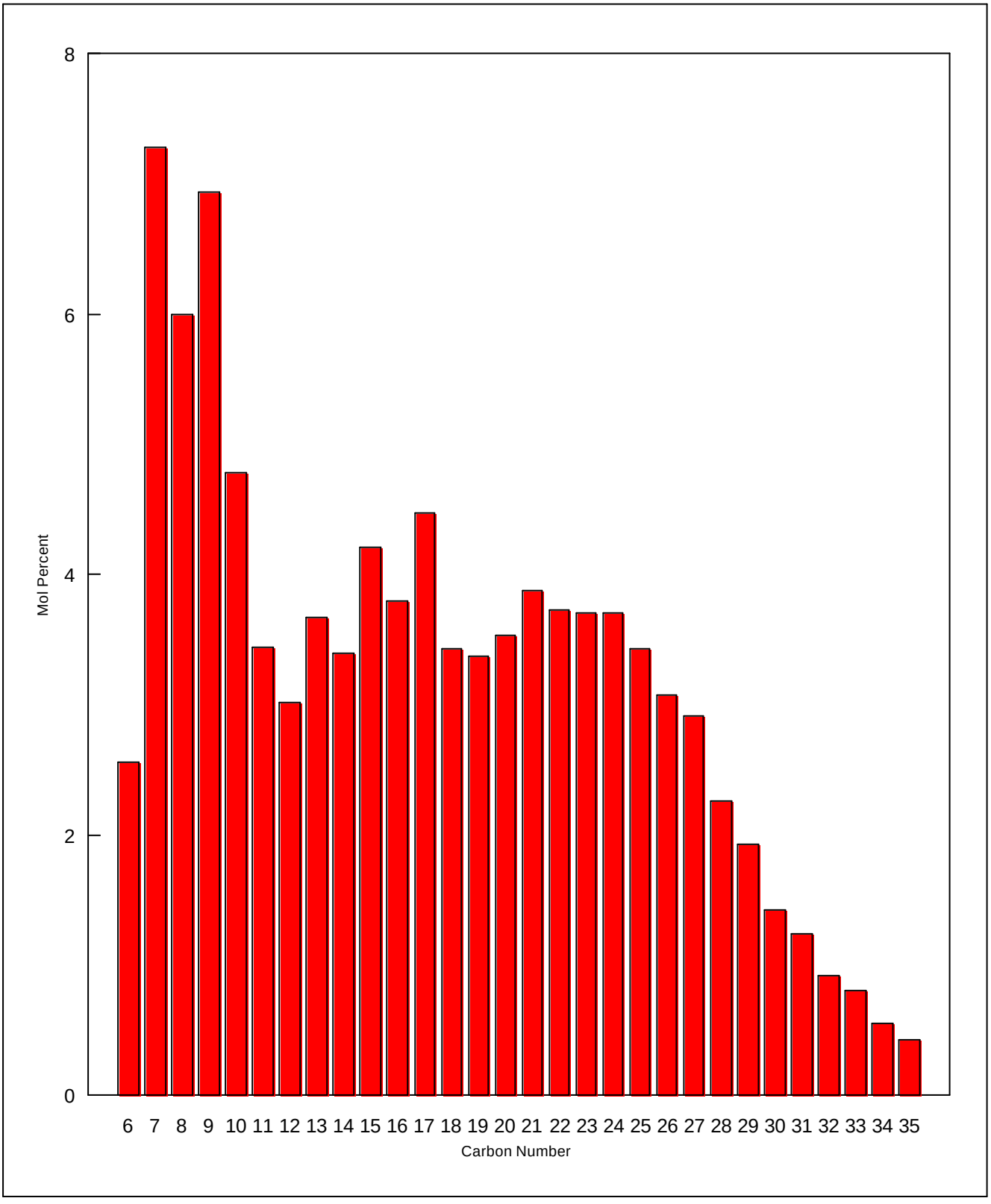
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84103217

Component		Mol %
Hexanes minus	C6-	2.14
Hexanes	C6	2.56
Heptanes	C7	7.28
Octanes	C8	6.00
Nonanes	C9	6.93
Decanes	C10	4.78
Undecanes	C11	3.44
Dodecanes	C12	3.02
Tridecanes	C13	3.67
Tetradecanes	C14	3.39
Pentadecanes	C15	4.21
Hexadecanes	C16	3.80
Heptadecanes	C17	4.47
Octadecanes	C18	3.43
Nonadecanes	C19	3.37
Eicosanes	C20	3.53
Heneicosanes	C21	3.87
Docosanes	C22	3.73
Tricosanes	C23	3.71
Tetracosanes	C24	3.71
Pentacosanes	C25	3.43
Hexacosanes	C26	3.07
Heptacosanes	C27	2.91
Octacosanes	C28	2.26
Nonacosanes	C29	1.93
Triacontanes	C30	1.42
Hentriacontanes	C31	1.24
Dotriacontanes	C32	0.92
Tritriacontanes	C33	0.80
Tetratriacontanes	C34	0.55
Pentatriacontanes Plus	C35+	0.43
TOTAL		100.00

Molecular Weight Calculated *	:	230.5
Density @ 60 °F Calculated *	:	0.8463
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8232

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84103217



PETROLAB

Company : Anzon Australia Limited	Page : 39 of 139
Well : Basker - 2	File : A - 25013

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-84103217 ex MPSR # 0501

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.21	13.47	9.01
Nitrogen	N2	0.00	0.21	0.14
Methane	C1	0.37	62.43	41.58
Ethane	C2	0.34	9.26	6.26
Propane	C3	0.81	5.99	4.25
Iso-Butane	iC4	0.43	1.25	0.98
N-Butane	nC4	1.14	2.25	1.88
Iso-Pentane	iC5	1.03	0.76	0.85
N-Pentane	nC5	1.48	0.84	1.05
Hexanes	C6	2.46	1.11	1.56
Heptanes	C7	7.01	1.28	3.20
Octanes	C8	5.77	0.52	2.29
Nonanes	C9	6.67	0.40	2.51
Decanes	C10	4.60	0.17	1.66
Undecanes	C11	3.31	0.03	1.13
Dodecanes Plus	C12+	64.36	0.03	21.65
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3359	0.6641	1.0000
Mass Ratio	:	0.7789	0.2211	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.6750 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1104 SCF	--

Stream Properties				
Molecular Weight	:	196.0	28.14	84.53
Density obs. (gm/cc)	:	0.8232 @ 60 °F	--	0.6319 @ PT*
Gravity (AIR = 1.000)	:	40.2 °API @ 60 °F	0.977	92.2
GHV (BTU/scf)	:	--	1326	--

Hexanes Plus Properties				
Mol %	:	94.19	3.54	34.00
Molecular Weight	:	204.6	99.6	197.3
Density (gm/cc @ 60 °F)	:	0.8293	0.6885	0.8234
Gravity (°API @ 60 °F)	:	39.0	73.8	40.2

Heptanes Plus Properties				
Mol %	:	91.72	2.43	32.44
Molecular Weight	:	207.8	106.7	202.8
Density (gm/cc @ 60 °F)	:	0.8312	0.6976	0.8271
Gravity (°API @ 60 °F)	:	38.6	71.1	39.4

Decanes Plus Properties				
Mol %	:	72.27	0.23	24.44
Molecular Weight	:	234.7	140.4	234.1
Density (gm/cc @ 60 °F)	:	0.8434	0.7339	0.8429
Gravity (°API @ 60 °F)	:	36.1	61.1	36.2

Undecanes Plus Properties				
Mol %	:	67.67	0.06	22.78
Molecular Weight	:	241.5	158.5	241.4
Density (gm/cc @ 60 °F)	:	0.8460	0.7500	0.8459
Gravity (°API @ 60 °F)	:	35.6	57.0	35.6

Dodecanes Plus Properties				
Mol %	:	64.36	0.03	21.65
Molecular Weight	:	246.4	169.9	246.3
Density (gm/cc @ 60 °F)	:	0.8479	0.7592	0.8479
Gravity (°API @ 60 °F)	:	35.2	54.7	35.2

* (P)ressure : 4400 psig * (T)emperature : 236 °F

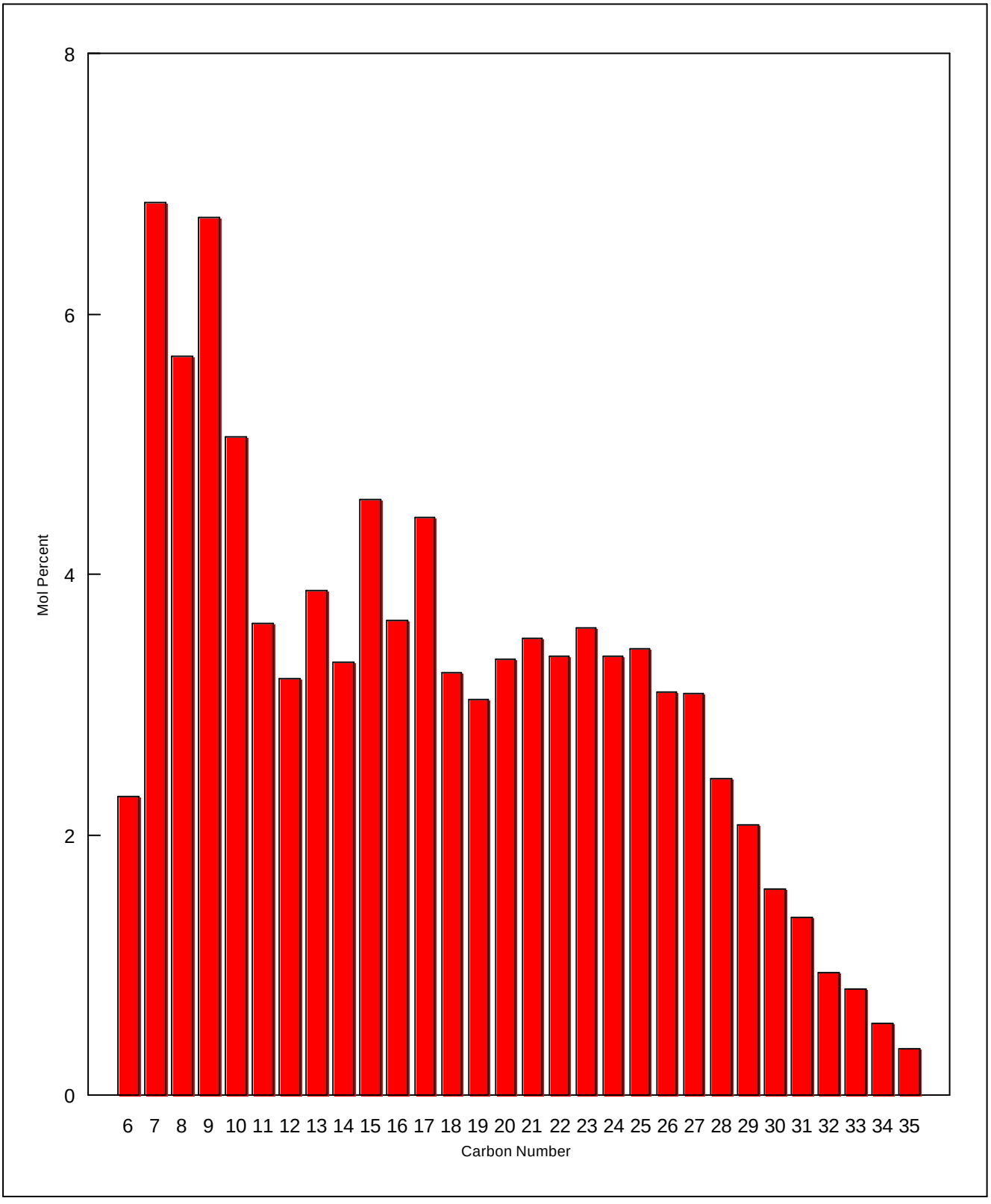
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-8103206

Component		Mol %
Hexanes minus	C6-	3.46
Hexanes	C6	2.29
Heptanes	C7	6.86
Octanes	C8	5.68
Nonanes	C9	6.74
Decanes	C10	5.06
Undecanes	C11	3.62
Dodecanes	C12	3.20
Tridecanes	C13	3.88
Tetradecanes	C14	3.33
Pentadecanes	C15	4.57
Hexadecanes	C16	3.65
Heptadecanes	C17	4.44
Octadecanes	C18	3.25
Nonadecanes	C19	3.04
Eicosanes	C20	3.35
Heneicosanes	C21	3.51
Docosanes	C22	3.37
Tricosanes	C23	3.59
Tetracosanes	C24	3.37
Pentacosanes	C25	3.43
Hexacosanes	C26	3.10
Heptacosanes	C27	3.08
Octacosanes	C28	2.43
Nonacosanes	C29	2.08
Triacontanes	C30	1.59
Hentriacontanes	C31	1.36
Dotriacontanes	C32	0.94
Tritriacontanes	C33	0.82
Tetratriacontanes	C34	0.55
Pentatriacontanes Plus	C35+	0.36
TOTAL		100.00

Molecular Weight Calculated *	:	228.9
Density @ 60 °F Calculated *	:	0.8452
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8183

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-8103206



PETROLAB

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-8103206 ex MPSR # 0478

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.15	13.90	9.45
Nitrogen	N2	0.00	0.12	0.08
Methane	C1	0.31	62.48	42.35
Ethane	C2	0.21	8.91	6.09
Propane	C3	0.44	5.71	4.00
Iso-Butane	iC4	0.20	1.12	0.82
N-Butane	nC4	0.53	2.12	1.60
Iso-Pentane	iC5	0.43	0.70	0.61
N-Pentane	nC5	0.62	0.80	0.74
Hexanes	C6	2.30	1.07	1.47
Heptanes	C7	6.90	1.63	3.34
Octanes	C8	5.71	0.85	2.42
Nonanes	C9	6.78	0.51	2.54
Decanes	C10	5.09	0.08	1.70
Undecanes	C11	3.64	0.00	1.18
Dodecanes Plus	C12+	66.69	0.00	21.61
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3238	0.6762	1.0000
Mass Ratio	:	0.7621	0.2379	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.7311 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1195 SCF	--
Stream Properties				
Molecular Weight	:	190.2	28.43	80.82
Density obs. (gm/cc)	:	0.8183 @ 60 °F	--	0.6212 @ PT*
Gravity (AIR = 1.000)	:	41.3 °API @ 60 °F	0.987	96.1
GHV (BTU/scf)	:	--	1333	--
Hexanes Plus Properties				
Mol %	:	97.12	4.14	34.26
Molecular Weight	:	194.3	99.0	186.5
Density (gm/cc @ 60 °F)	:	0.8213	0.6877	0.8144
Gravity (°API @ 60 °F)	:	40.6	74.1	42.1
Heptanes Plus Properties				
Mol %	:	94.82	3.07	32.79
Molecular Weight	:	197.0	104.2	191.1
Density (gm/cc @ 60 °F)	:	0.8230	0.6945	0.8178
Gravity (°API @ 60 °F)	:	40.3	72.0	41.4
Decanes Plus Properties				
Mol %	:	75.42	0.08	24.49
Molecular Weight	:	219.8	134.0	219.6
Density (gm/cc @ 60 °F)	:	0.8341	0.7278	0.8339
Gravity (°API @ 60 °F)	:	38.0	62.7	38.0
Undecanes Plus Properties				
Mol %	:	70.33	0.00	22.79
Molecular Weight	:	226.0	--	226.0
Density (gm/cc @ 60 °F)	:	0.8367	--	0.8367
Gravity (°API @ 60 °F)	:	37.5	--	37.5
Dodecanes Plus Properties				
Mol %	:	66.69	0.00	21.61
Molecular Weight	:	230.4	--	230.4
Density (gm/cc @ 60 °F)	:	0.8384	--	0.8384
Gravity (°API @ 60 °F)	:	37.1	--	37.1

* (P)ressure : 4440 psig * (T)emperature : 238 °F

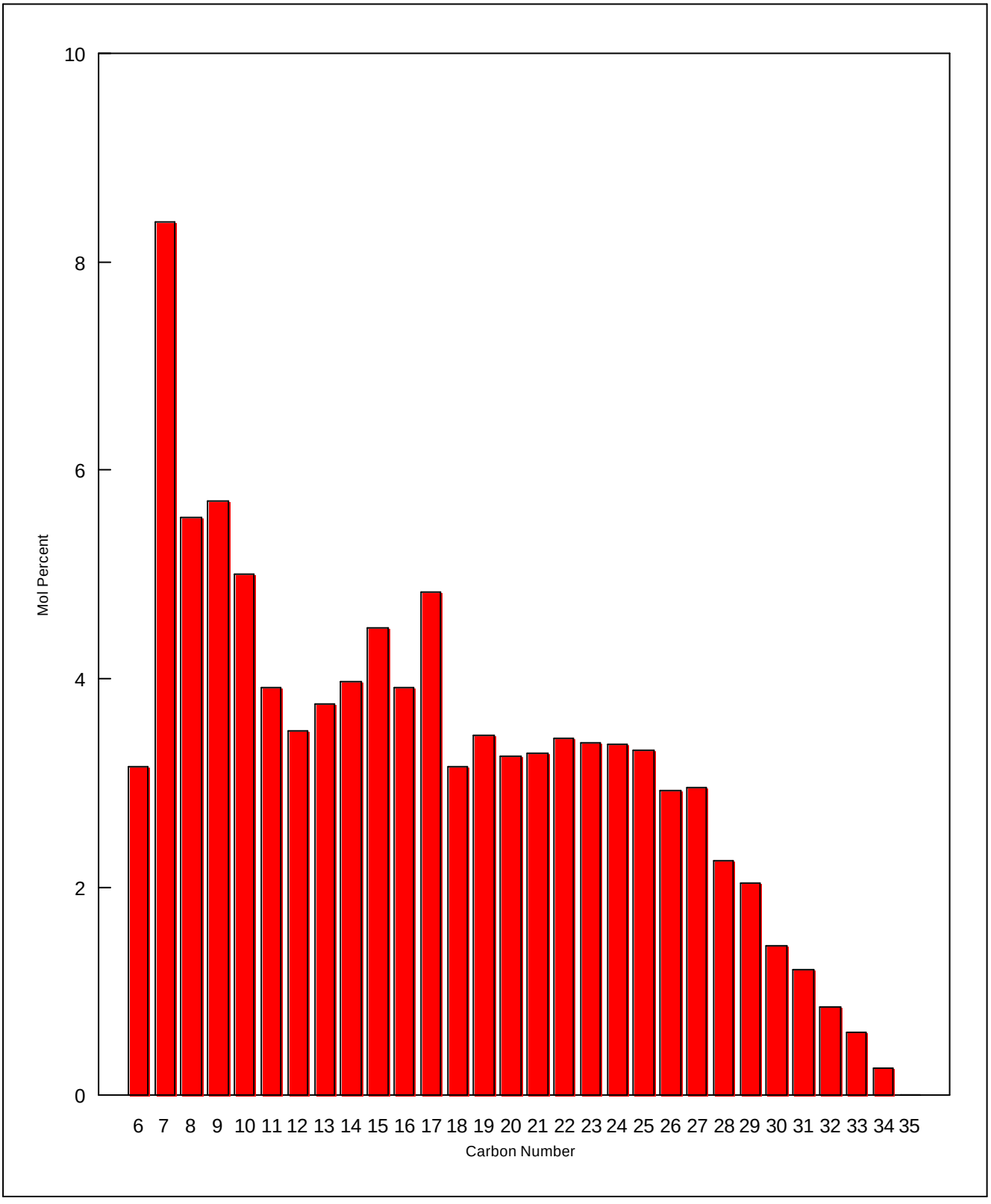
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-85014411

Component		Mol %
Hexanes minus	C6-	2.68
Hexanes	C6	3.16
Heptanes	C7	8.39
Octanes	C8	5.54
Nonanes	C9	5.70
Decanes	C10	5.00
Undecanes	C11	3.91
Dodecanes	C12	3.50
Tridecanes	C13	3.76
Tetradecanes	C14	3.97
Pentadecanes	C15	4.48
Hexadecanes	C16	3.92
Heptadecanes	C17	4.83
Octadecanes	C18	3.15
Nonadecanes	C19	3.46
Eicosanes	C20	3.26
Heneicosanes	C21	3.29
Docosanes	C22	3.42
Tricosanes	C23	3.39
Tetracosanes	C24	3.37
Pentacosanes	C25	3.31
Hexacosanes	C26	2.92
Heptacosanes	C27	2.95
Octacosanes	C28	2.25
Nonacosanes	C29	2.03
Triacontanes	C30	1.44
Hentriacontanes	C31	1.20
Dotriacontanes	C32	0.85
Tritriacontanes	C33	0.61
Tetratriacontanes	C34	0.26
Pentatriacontanes Plus	C35+	0.00
TOTAL		100.00

Molecular Weight Calculated *	:	223.7
Density @ 60 °F Calculated *	:	0.8426
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8301

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-85014411



PETROLAB

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Well : Basker - 2	File : A - 25013

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-85014411 ex MPSR # 0485

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.05	4.04	2.75
Nitrogen	N2	0.00	0.21	0.14
Methane	C1	0.36	69.25	46.94
Ethane	C2	0.28	11.14	7.62
Propane	C3	0.67	7.92	5.57
Iso-Butane	iC4	0.32	1.58	1.17
N-Butane	nC4	0.72	2.57	1.97
Iso-Pentane	iC5	0.61	0.87	0.78
N-Pentane	nC5	0.63	0.72	0.69
Hexanes	C6	3.13	0.76	1.53
Heptanes	C7	8.31	0.61	3.10
Octanes	C8	5.49	0.18	1.90
Nonanes	C9	5.64	0.11	1.90
Decanes	C10	4.95	0.04	1.63
Undecanes	C11	3.87	0.00	1.25
Dodecanes Plus	C12+	64.98	0.00	21.06
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3239	0.6761	1.0000
Mass Ratio	:	0.7839	0.2161	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.7535 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1197 SCF	--
Stream Properties				
Molecular Weight	:	188.9	24.95	78.06
Density obs. (gm/cc)	:	0.8147 @ 60 °F	--	0.5935 @ PT*
Gravity (AIR = 1.000)	:	42.0 °API @ 60 °F	0.866	106.7
GHV (BTU/scf)	:	--	1393	--
Hexanes Plus Properties				
Mol %	:	96.38	1.70	32.37
Molecular Weight	:	194.0	94.3	190.5
Density (gm/cc @ 60 °F)	:	0.8186	0.6814	0.8158
Gravity (°API @ 60 °F)	:	41.2	76.0	41.8
Heptanes Plus Properties				
Mol %	:	93.24	0.94	30.84
Molecular Weight	:	197.7	102.6	195.8
Density (gm/cc @ 60 °F)	:	0.8209	0.6926	0.8193
Gravity (°API @ 60 °F)	:	40.7	72.6	41.0
Decanes Plus Properties				
Mol %	:	73.80	0.04	23.94
Molecular Weight	:	221.8	134.0	221.7
Density (gm/cc @ 60 °F)	:	0.8321	0.7278	0.8320
Gravity (°API @ 60 °F)	:	38.4	62.7	38.4
Undecanes Plus Properties				
Mol %	:	68.85	0.00	22.31
Molecular Weight	:	228.1	--	228.1
Density (gm/cc @ 60 °F)	:	0.8346	--	0.8346
Gravity (°API @ 60 °F)	:	37.9	--	37.9
Dodecanes Plus Properties				
Mol %	:	64.98	0.00	21.06
Molecular Weight	:	232.9	--	232.9
Density (gm/cc @ 60 °F)	:	0.8364	--	0.8364
Gravity (°API @ 60 °F)	:	37.5	--	37.5

* (P)ressure : 4616 psig * (T)emperature : 243 °F

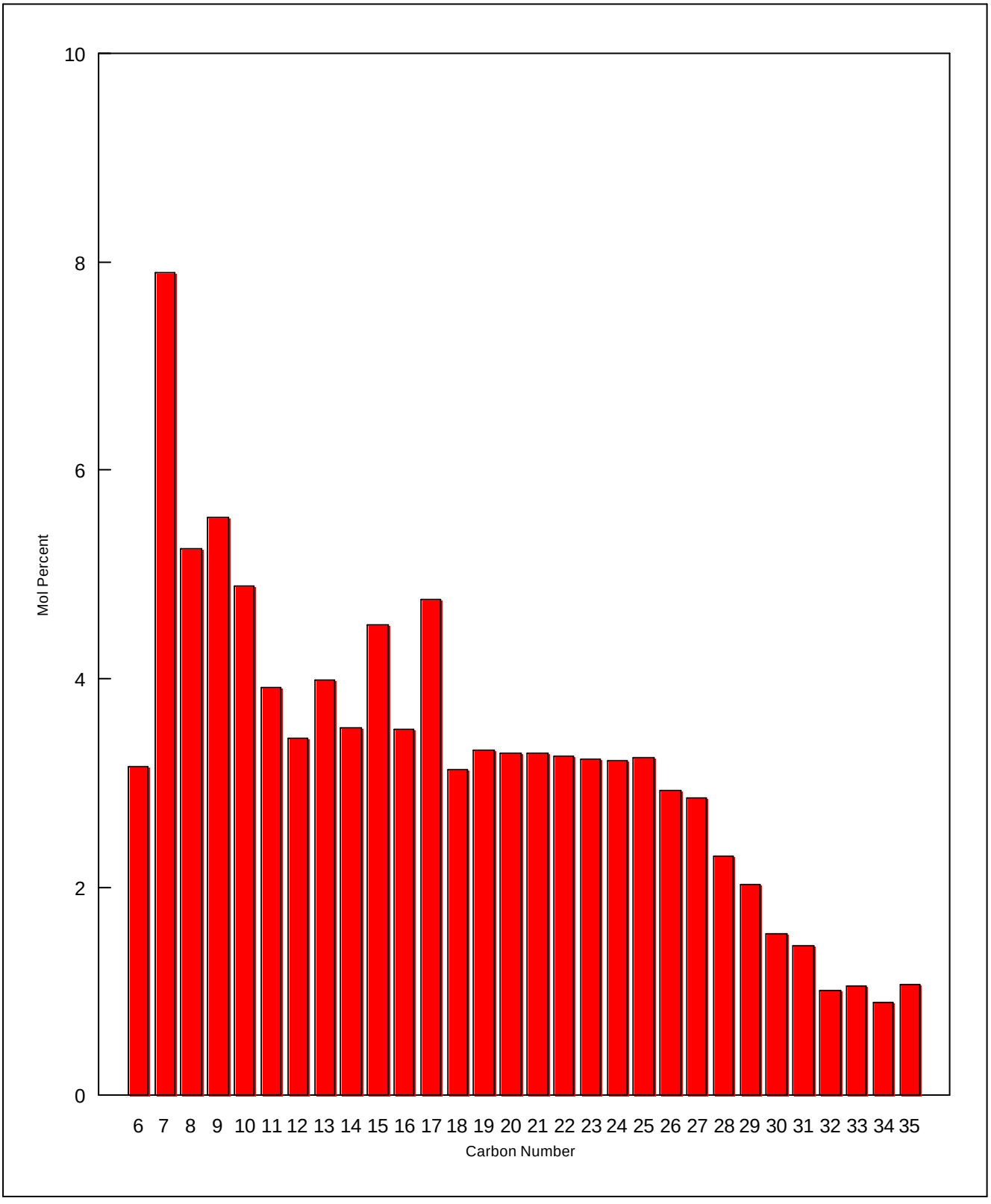
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84032809

Component		Mol %
Hexanes minus	C6-	2.61
Hexanes	C6	3.15
Heptanes	C7	7.90
Octanes	C8	5.24
Nonanes	C9	5.55
Decanes	C10	4.89
Undecanes	C11	3.91
Dodecanes	C12	3.42
Tridecanes	C13	3.99
Tetradecanes	C14	3.53
Pentadecanes	C15	4.51
Hexadecanes	C16	3.51
Heptadecanes	C17	4.76
Octadecanes	C18	3.13
Nonadecanes	C19	3.31
Eicosanes	C20	3.29
Heneicosanes	C21	3.29
Docosanes	C22	3.25
Tricosanes	C23	3.23
Tetracosanes	C24	3.21
Pentacosanes	C25	3.24
Hexacosanes	C26	2.92
Heptacosanes	C27	2.85
Octacosanes	C28	2.29
Nonacosanes	C29	2.02
Triacontanes	C30	1.55
Hentriacontanes	C31	1.44
Dotriacontanes	C32	1.01
Tritriacontanes	C33	1.05
Tetratriacontanes	C34	0.89
Pentatriacontanes Plus	C35+	1.06
TOTAL		100.00

Molecular Weight Calculated *	:	231.3
Density @ 60 °F Calculated *	:	0.8468
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8147

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84032809



PETROLAB

Company : Anzon Australia Limited	Page : 48 of 139
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COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-84032809 ex 6 Gallon # 51

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.06	5.19	3.58
Nitrogen	N2	0.00	0.23	0.16
Methane	C1	0.36	69.09	47.53
Ethane	C2	0.28	10.82	7.51
Propane	C3	0.65	7.70	5.49
Iso-Butane	iC4	0.32	1.61	1.21
N-Butane	nC4	0.67	2.41	1.86
Iso-Pentane	iC5	0.61	0.87	0.79
N-Pentane	nC5	0.61	0.70	0.67
Hexanes	C6	3.12	0.71	1.47
Heptanes	C7	7.82	0.49	2.79
Octanes	C8	5.19	0.13	1.72
Nonanes	C9	5.50	0.04	1.75
Decanes	C10	4.84	0.01	1.53
Undecanes	C11	3.87	0.00	1.21
Dodecanes Plus	C12+	66.10	0.00	20.73
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3136	0.6864	1.0000
Mass Ratio	:	0.7767	0.2233	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.7821 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1255 SCF	--
Stream Properties				
Molecular Weight	:	188.9	24.82	76.29
Density obs. (gm/cc)	:	0.8147 @ 60 °F	--	0.5894 @ PT*
Gravity (AIR = 1.000)	:	42.0 °API @ 60 °F	0.861	108.4
GHV (BTU/scf)	:	--	1357	--
Hexanes Plus Properties				
Mol %	:	96.45	1.38	31.20
Molecular Weight	:	193.9	91.9	190.8
Density (gm/cc @ 60 °F)	:	0.8185	0.6779	0.8161
Gravity (°API @ 60 °F)	:	41.2	77.0	41.7
Heptanes Plus Properties				
Mol %	:	93.32	0.67	29.73
Molecular Weight	:	197.6	100.2	196.1
Density (gm/cc @ 60 °F)	:	0.8208	0.6894	0.8196
Gravity (°API @ 60 °F)	:	40.7	73.6	41.0
Decanes Plus Properties				
Mol %	:	74.81	0.01	23.47
Molecular Weight	:	220.1	133.9	220.1
Density (gm/cc @ 60 °F)	:	0.8314	0.7277	0.8313
Gravity (°API @ 60 °F)	:	38.5	62.8	38.5
Undecanes Plus Properties				
Mol %	:	69.97	0.00	21.94
Molecular Weight	:	226.1	--	226.1
Density (gm/cc @ 60 °F)	:	0.8337	--	0.8337
Gravity (°API @ 60 °F)	:	38.1	--	38.1
Dodecanes Plus Properties				
Mol %	:	66.10	0.00	20.73
Molecular Weight	:	230.7	--	230.7
Density (gm/cc @ 60 °F)	:	0.8355	--	0.8355
Gravity (°API @ 60 °F)	:	37.7	--	37.7

* (P)ressure : 4620 psig * (T)emperature : 244 °F

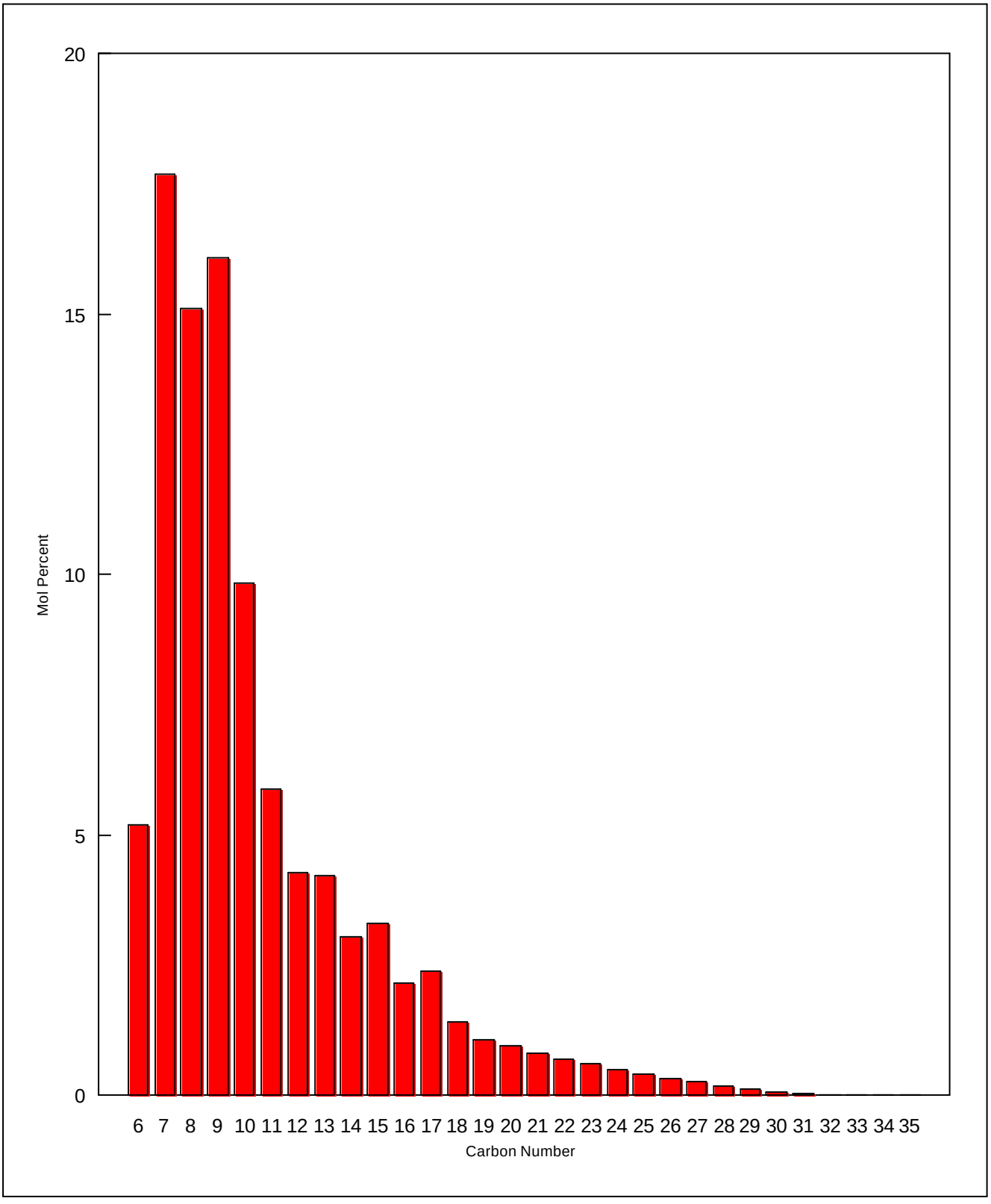
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-812639

Component		Mol %
Hexanes minus	C6-	3.42
Hexanes	C6	5.20
Heptanes	C7	17.69
Octanes	C8	15.10
Nonanes	C9	16.07
Decanes	C10	9.84
Undecanes	C11	5.87
Dodecanes	C12	4.27
Tridecanes	C13	4.22
Tetradecanes	C14	3.04
Pentadecanes	C15	3.29
Hexadecanes	C16	2.15
Heptadecanes	C17	2.39
Octadecanes	C18	1.40
Nonadecanes	C19	1.07
Eicosanes	C20	0.95
Heneicosanes	C21	0.81
Docosanes	C22	0.70
Tricosanes	C23	0.60
Tetracosanes	C24	0.50
Pentacosanes	C25	0.41
Hexacosanes	C26	0.32
Heptacosanes	C27	0.26
Octacosanes	C28	0.18
Nonacosanes	C29	0.13
Triacontanes	C30	0.07
Hentriacontanes	C31	0.04
Dotriacontanes	C32	0.01
Tritriacontanes	C33	0.00
Tetratriacontanes	C34	0.00
Pentatriacontanes Plus	C35+	0.00
TOTAL		100.00

Molecular Weight Calculated *	:	141.2
Density @ 60 °F Calculated *	:	0.7823
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.7839

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-812639



PETROLAB

Company : Anzon Australia Limited | Page : 51 of 139
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COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-812639 ex 2 3/4 Gallon # 23

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.06	3.86	3.81
Nitrogen	N2	0.00	0.26	0.26
Methane	C1	0.47	80.26	79.13
Ethane	C2	0.27	7.58	7.48
Propane	C3	0.46	3.53	3.49
Iso-Butane	iC4	0.20	0.60	0.59
N-Butane	nC4	0.51	1.05	1.04
Iso-Pentane	iC5	0.44	0.34	0.34
N-Pentane	nC5	0.63	0.38	0.38
Hexanes	C6	5.22	0.58	0.65
Heptanes	C7	17.76	0.90	1.14
Octanes	C8	15.16	0.44	0.65
Nonanes	C9	16.13	0.19	0.42
Decanes	C10	9.88	0.03	0.17
Undecanes	C11	5.89	0.00	0.08
Dodecanes Plus	C12+	26.92	0.00	0.37
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.0141	0.9859	1.0000
Mass Ratio	:	0.0836	0.9164	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	-- @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	51783 SCF	--
Stream Properties				
Molecular Weight	:	140.4	22.05	23.73
Density obs. (gm/cc)	:	0.7831 @ 60 °F	--	-- @ PT*
Gravity (AIR = 1.000)	:	49.0 °API @ 60 °F	0.764	--
GHV (BTU/scf)	:	--	1239	--
Hexanes Plus Properties				
Mol %	:	96.96	2.14	3.48
Molecular Weight	:	143.2	97.8	115.6
Density (gm/cc @ 60 °F)	:	0.7869	0.6861	0.7318
Gravity (°API @ 60 °F)	:	48.2	74.5	61.7
Heptanes Plus Properties				
Mol %	:	91.74	1.56	2.83
Molecular Weight	:	146.5	102.9	122.8
Density (gm/cc @ 60 °F)	:	0.7907	0.6929	0.7430
Gravity (°API @ 60 °F)	:	47.3	72.5	58.8
Decanes Plus Properties				
Mol %	:	42.69	0.03	0.62
Molecular Weight	:	191.3	134.0	188.6
Density (gm/cc @ 60 °F)	:	0.8240	0.7278	0.8204
Gravity (°API @ 60 °F)	:	40.1	62.7	40.8
Undecanes Plus Properties				
Mol %	:	32.81	0.00	0.45
Molecular Weight	:	208.5	--	208.5
Density (gm/cc @ 60 °F)	:	0.8335	--	0.8335
Gravity (°API @ 60 °F)	:	38.1	--	38.1
Dodecanes Plus Properties				
Mol %	:	26.92	0.00	0.37
Molecular Weight	:	222.0	--	222.0
Density (gm/cc @ 60 °F)	:	0.8404	--	0.8404
Gravity (°API @ 60 °F)	:	36.7	--	36.7

* (P)ressure : 5960 psig * (T)emperature : 234 °F

DEW POINT MEASURED @ 234 °F = 5960 psig

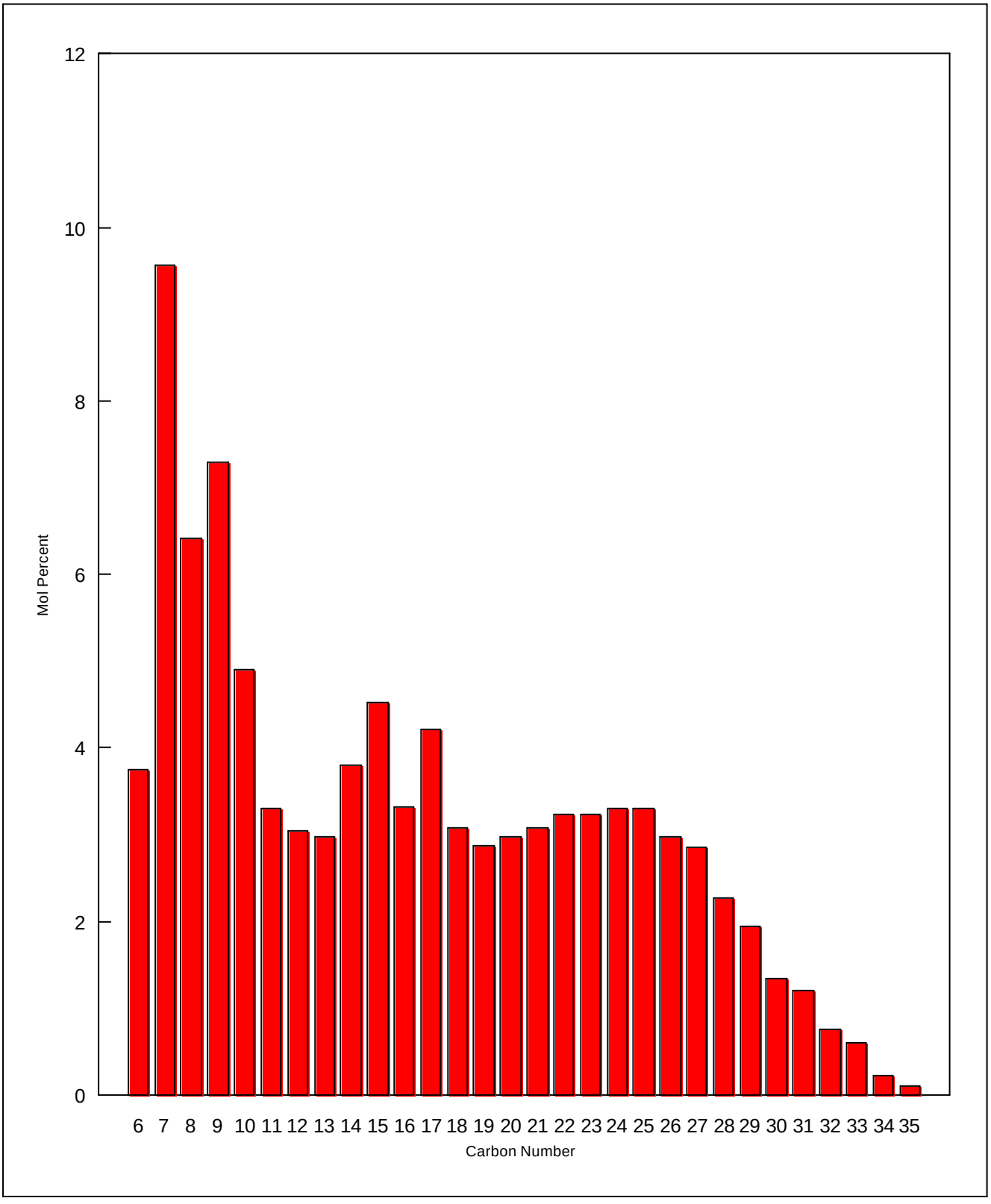
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-20438-20

Component		Mol %
Hexanes minus	C6-	3.42
Hexanes	C6	3.75
Heptanes	C7	9.57
Octanes	C8	6.42
Nonanes	C9	7.29
Decanes	C10	4.90
Undecanes	C11	3.31
Dodecanes	C12	3.05
Tridecanes	C13	2.98
Tetradecanes	C14	3.80
Pentadecanes	C15	4.53
Hexadecanes	C16	3.33
Heptadecanes	C17	4.22
Octadecanes	C18	3.08
Nonadecanes	C19	2.88
Eicosanes	C20	2.98
Heneicosanes	C21	3.08
Docosanes	C22	3.23
Tricosanes	C23	3.24
Tetracosanes	C24	3.31
Pentacosanes	C25	3.30
Hexacosanes	C26	2.98
Heptacosanes	C27	2.86
Octacosanes	C28	2.28
Nonacosanes	C29	1.95
Triacontanes	C30	1.35
Hentriacontanes	C31	1.21
Dotriacontanes	C32	0.76
Tritriacontanes	C33	0.60
Tetratriacontanes	C34	0.23
Pentatriacontanes Plus	C35+	0.11
TOTAL		100.00

Molecular Weight Calculated *	:	217.8
Density @ 60 °F Calculated *	:	0.8397
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8297

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-20438-20



PETROLAB

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-20438-20 ex MPSR # 0066

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.04	3.33	2.27
Nitrogen	N2	0.00	0.22	0.15
Methane	C1	0.40	72.97	49.68
Ethane	C2	0.30	10.52	7.24
Propane	C3	0.61	6.15	4.37
Iso-Butane	iC4	0.27	1.14	0.86
N-Butane	nC4	0.77	2.28	1.80
Iso-Pentane	iC5	0.57	0.66	0.63
N-Pentane	nC5	0.78	0.72	0.74
Hexanes	C6	3.74	0.74	1.70
Heptanes	C7	9.54	0.78	3.59
Octanes	C8	6.40	0.31	2.26
Nonanes	C9	7.27	0.15	2.43
Decanes	C10	4.88	0.03	1.59
Undecanes	C11	3.30	0.00	1.06
Dodecanes Plus	C12+	61.13	0.00	19.63
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3209	0.6791	1.0000
Mass Ratio	:	0.8004	0.1996	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.7080 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1146 SCF	--
Stream Properties				
Molecular Weight	:	203.8	24.02	81.71
Density obs. (gm/cc)	:	0.8297 @ 60 °F	--	0.6076 @ PT*
Gravity (AIR = 1.000)	:	38.9 °API @ 60 °F	0.833	101.2
GHV (BTU/scf)	:	--	1360	--
Hexanes Plus Properties				
Mol %	:	96.25	2.01	32.26
Molecular Weight	:	209.6	95.7	204.8
Density (gm/cc @ 60 °F)	:	0.8337	0.6833	0.8301
Gravity (°API @ 60 °F)	:	38.1	75.4	38.8
Heptanes Plus Properties				
Mol %	:	92.51	1.27	30.56
Molecular Weight	:	214.7	102.5	211.5
Density (gm/cc @ 60 °F)	:	0.8366	0.6924	0.8342
Gravity (°API @ 60 °F)	:	37.5	72.7	38.0
Decanes Plus Properties				
Mol %	:	69.31	0.03	22.28
Molecular Weight	:	250.8	134.0	250.7
Density (gm/cc @ 60 °F)	:	0.8520	0.7278	0.8519
Gravity (°API @ 60 °F)	:	34.4	62.7	34.4
Undecanes Plus Properties				
Mol %	:	64.43	0.00	20.69
Molecular Weight	:	259.7	--	259.7
Density (gm/cc @ 60 °F)	:	0.8551	--	0.8551
Gravity (°API @ 60 °F)	:	33.8	--	33.8
Dodecanes Plus Properties				
Mol %	:	61.13	0.00	19.63
Molecular Weight	:	265.7	--	265.7
Density (gm/cc @ 60 °F)	:	0.8573	--	0.8573
Gravity (°API @ 60 °F)	:	33.4	--	33.4

* (P)ressure : 4677 psig * (T)emperature : 246 °F

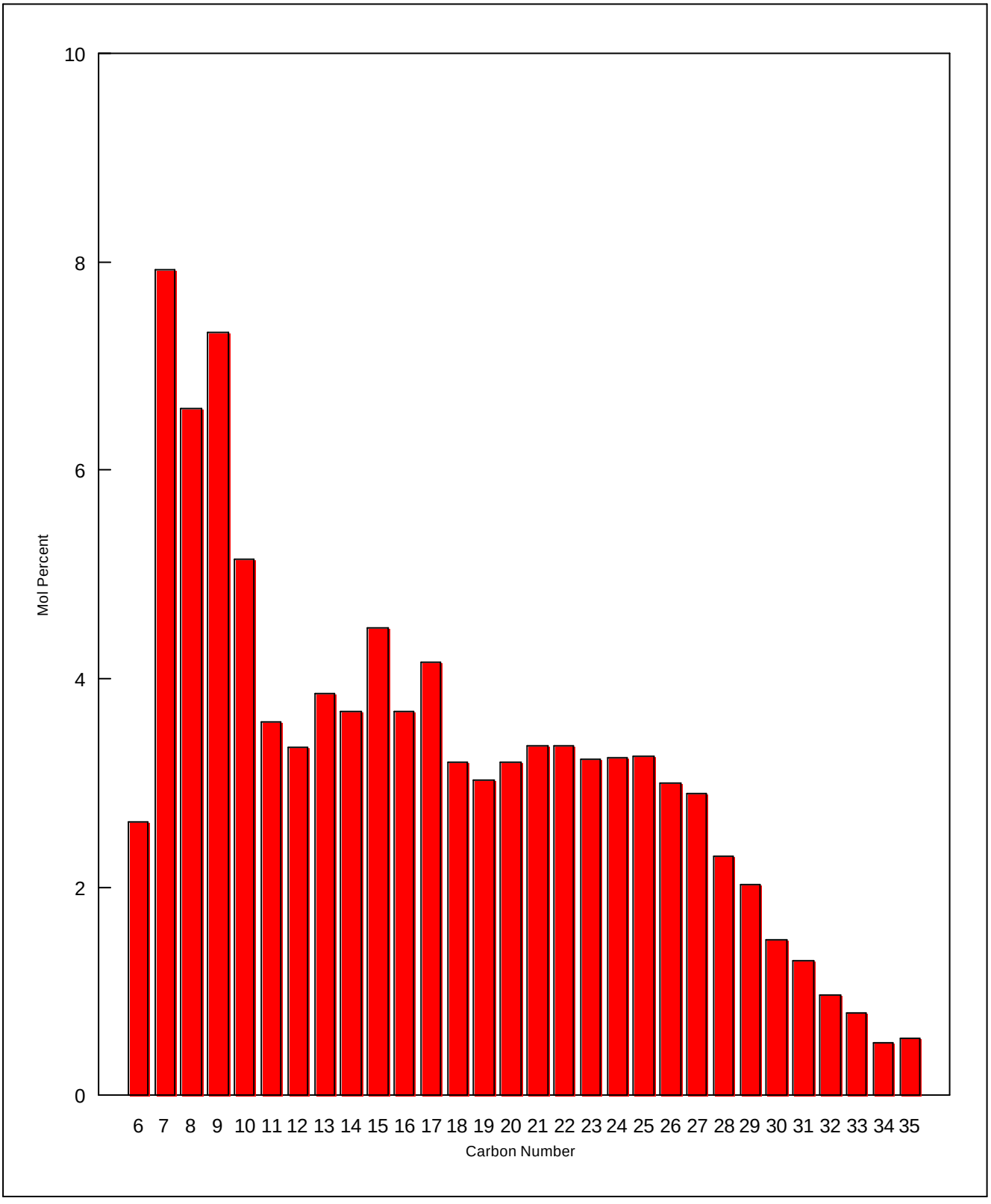
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84062304

Component		Mol %
Hexanes minus	C6-	1.97
Hexanes	C6	2.62
Heptanes	C7	7.92
Octanes	C8	6.59
Nonanes	C9	7.32
Decanes	C10	5.14
Undecanes	C11	3.58
Dodecanes	C12	3.34
Tridecanes	C13	3.86
Tetradecanes	C14	3.69
Pentadecanes	C15	4.49
Hexadecanes	C16	3.68
Heptadecanes	C17	4.16
Octadecanes	C18	3.19
Nonadecanes	C19	3.02
Eicosanes	C20	3.19
Heneicosanes	C21	3.36
Docosanes	C22	3.35
Tricosanes	C23	3.23
Tetracosanes	C24	3.24
Pentacosanes	C25	3.26
Hexacosanes	C26	2.99
Heptacosanes	C27	2.90
Octacosanes	C28	2.30
Nonacosanes	C29	2.02
Triacontanes	C30	1.49
Hentriacontanes	C31	1.29
Dotriacontanes	C32	0.97
Tritriacontanes	C33	0.79
Tetratriacontanes	C34	0.50
Pentatriacontanes Plus	C35+	0.55
TOTAL		100.00

Molecular Weight Calculated *	:	226.3
Density @ 60 °F Calculated *	:	0.8444
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.8312

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84062304



PETROLAB

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-84062304 ex MPSR # 0187

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.05	2.97	2.03
Nitrogen	N2	0.00	0.23	0.16
Methane	C1	0.43	72.61	49.41
Ethane	C2	0.39	10.59	7.31
Propane	C3	0.85	6.32	4.56
Iso-Butane	iC4	0.37	1.08	0.85
N-Butane	nC4	1.13	2.27	1.90
Iso-Pentane	iC5	0.97	0.73	0.81
N-Pentane	nC5	1.38	0.80	0.99
Hexanes	C6	2.52	0.96	1.46
Heptanes	C7	7.63	1.04	3.16
Octanes	C8	6.35	0.33	2.26
Nonanes	C9	7.05	0.05	2.30
Decanes	C10	4.95	0.01	1.60
Undecanes	C11	3.45	0.01	1.12
Dodecanes Plus	C12+	62.48	0.00	20.08
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.3214	0.6786	1.0000
Mass Ratio	:	0.8006	0.1994	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	1.7040 @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	1134 SCF	--
Stream Properties				
Molecular Weight	:	205.9	24.29	82.66
Density obs. (gm/cc)	:	0.8312 @ 60 °F	--	0.6100 @ PT*
Gravity (AIR = 1.000)	:	38.6 °API @ 60 °F	0.843	100.2
GHV (BTU/scf)	:	--	1384	--
Hexanes Plus Properties				
Mol %	:	94.44	2.40	31.98
Molecular Weight	:	214.7	93.6	208.5
Density (gm/cc @ 60 °F)	:	0.8372	0.6804	0.8328
Gravity (°API @ 60 °F)	:	37.4	76.3	38.2
Heptanes Plus Properties				
Mol %	:	91.91	1.44	30.52
Molecular Weight	:	218.3	100.0	214.5
Density (gm/cc @ 60 °F)	:	0.8391	0.6891	0.8364
Gravity (°API @ 60 °F)	:	37.0	73.6	37.5
Decanes Plus Properties				
Mol %	:	70.88	0.02	22.80
Molecular Weight	:	251.1	140.4	251.0
Density (gm/cc @ 60 °F)	:	0.8530	0.7340	0.8529
Gravity (°API @ 60 °F)	:	34.2	61.1	34.2
Undecanes Plus Properties				
Mol %	:	65.93	0.01	21.20
Molecular Weight	:	259.9	146.9	259.8
Density (gm/cc @ 60 °F)	:	0.8562	0.7399	0.8562
Gravity (°API @ 60 °F)	:	33.6	59.6	33.6
Dodecanes Plus Properties				
Mol %	:	62.48	0.00	20.08
Molecular Weight	:	266.1	--	266.1
Density (gm/cc @ 60 °F)	:	0.8584	--	0.8584
Gravity (°API @ 60 °F)	:	33.2	--	33.2

* (P)ressure : 4680 psig * (T)emperature : 246 °F

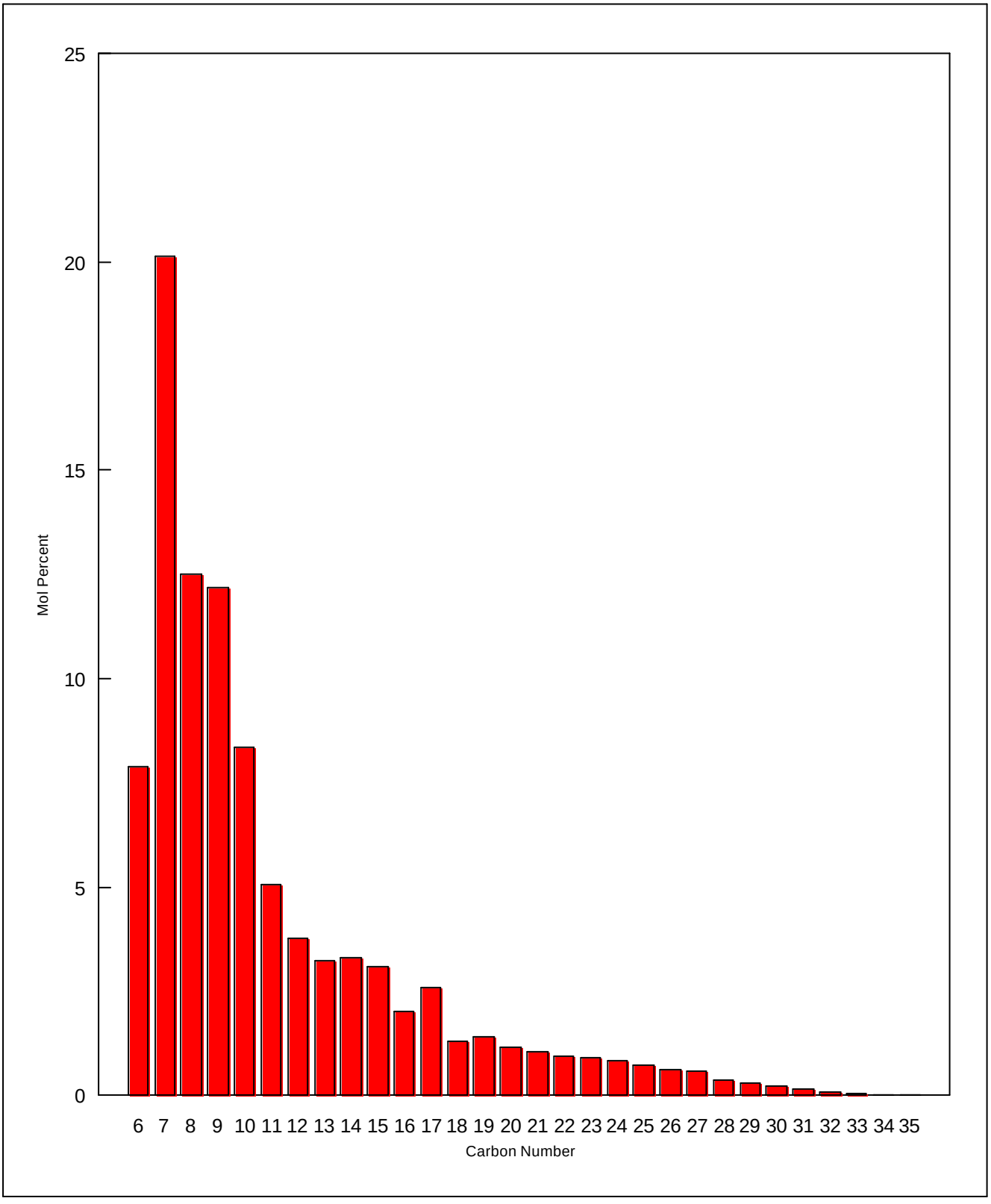
FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84062103

Component		Mol %
Hexanes minus	C6-	5.20
Hexanes	C6	7.89
Heptanes	C7	20.12
Octanes	C8	12.51
Nonanes	C9	12.19
Decanes	C10	8.36
Undecanes	C11	5.06
Dodecanes	C12	3.76
Tridecanes	C13	3.24
Tetradecanes	C14	3.31
Pentadecanes	C15	3.07
Hexadecanes	C16	2.03
Heptadecanes	C17	2.58
Octadecanes	C18	1.31
Nonadecanes	C19	1.39
Eicosanes	C20	1.17
Heneicosanes	C21	1.04
Docosanes	C22	0.95
Tricosanes	C23	0.92
Tetracosanes	C24	0.82
Pentacosanes	C25	0.74
Hexacosanes	C26	0.62
Heptacosanes	C27	0.57
Octacosanes	C28	0.37
Nonacosanes	C29	0.30
Triacontanes	C30	0.21
Hentriacontanes	C31	0.14
Dotriacontanes	C32	0.09
Tritriacontanes	C33	0.04
Tetratriacontanes	C34	0.00
Pentatriacontanes Plus	C35+	0.00
TOTAL		100.00

Molecular Weight Calculated *	:	145.4
Density @ 60 °F Calculated *	:	0.7860
Molecular Weight Measured	:	--
Density @ 60 °F Measured	:	0.7820

*Calculation based on generalized properties as published by Katz and Firoozabadi

FINGERPRINT ANALYSIS
BY CAPILLARY GAS CHROMATOGRAPHY
On Stock Tank Oil from atmospheric flash of sample in cylinder # L-84062103



PETROLAB

COMPOSITIONAL ANALYSIS OF BOTTOM HOLE RESERVOIR FLUID

Cylinder # L-84062103 ex MPSR # 0123

Component		Stock Tank Liquid Mol %	Stock Tank Gas Mol %	Reservoir Fluid Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	0.02	1.38	1.29
Nitrogen	N2	0.00	0.51	0.48
Methane	C1	0.45	76.74	71.65
Ethane	C2	0.31	8.77	8.21
Propane	C3	0.72	5.50	5.18
Iso-Butane	iC4	0.35	1.04	0.99
N-Butane	nC4	1.08	2.25	2.17
Iso-Pentane	iC5	0.95	0.74	0.75
N-Pentane	nC5	1.33	0.80	0.84
Hexanes	C6	7.89	0.93	1.39
Heptanes	C7	20.12	0.90	2.18
Octanes	C8	12.51	0.25	1.07
Nonanes	C9	12.19	0.12	0.92
Decanes	C10	8.36	0.04	0.59
Undecanes	C11	5.06	0.02	0.36
Dodecanes Plus	C12+	28.66	0.01	1.93
TOTAL		100.00	100.00	100.00

Ratios				
Molar Ratio	:	0.0667	0.9333	1.0000
Mass Ratio	:	0.3063	0.6937	1.0000
Liquid Ratio (bbl/bbl)	:	1.0000 @ SC	--	-- @ PT*
Gas Liquid Ratio	:	1.0000 bbl @ SC	10160 SCF	--
Stream Properties				
Molecular Weight	:	143.9	23.30	31.35
Density obs. (gm/cc)	:	0.7859 @ 60 °F	--	-- @ PT*
Gravity (AIR = 1.000)	:	48.4 °API @ 60 °F	0.808	--
GHV (BTU/scf)	:	--	1366	--
Hexanes Plus Properties				
Mol %	:	94.78	2.27	8.44
Molecular Weight	:	148.7	95.1	135.3
Density (gm/cc @ 60 °F)	:	0.7922	0.6824	0.7703
Gravity (°API @ 60 °F)	:	47.0	75.7	52.0
Heptanes Plus Properties				
Mol %	:	86.89	1.34	7.05
Molecular Weight	:	154.6	102.7	145.4
Density (gm/cc @ 60 °F)	:	0.7983	0.6927	0.7834
Gravity (°API @ 60 °F)	:	45.6	72.6	49.0
Decanes Plus Properties				
Mol %	:	42.08	0.07	2.88
Molecular Weight	:	206.5	142.8	204.9
Density (gm/cc @ 60 °F)	:	0.8335	0.7362	0.8317
Gravity (°API @ 60 °F)	:	38.1	60.5	38.5
Undecanes Plus Properties				
Mol %	:	33.72	0.03	2.29
Molecular Weight	:	224.5	154.6	223.6
Density (gm/cc @ 60 °F)	:	0.8423	0.7467	0.8414
Gravity (°API @ 60 °F)	:	36.3	57.8	36.5
Dodecanes Plus Properties				
Mol %	:	28.66	0.01	1.93
Molecular Weight	:	238.2	169.8	237.8
Density (gm/cc @ 60 °F)	:	0.8486	0.7591	0.8482
Gravity (°API @ 60 °F)	:	35.1	54.7	35.2

* (P)ressure : 5120 psig * (T)emperature : 240 °F

DEW POINT MEASURED @ 240 °F = 5120 psig

CONSTANT MASS STUDY
@ 238 °F
Using Bottom Hole Sample in Cylinder # L-8103206 ex MPSR # 0478

Pressure (psig)		Relative Volume (V/Vsat) (1)	Oil Compressibility (x10^-6)(psig^-1) (2)	Y Function (psig^-1) (3)	Thermal Expansion (x10^-4)(°F^-1) (4)
6000		0.9730	13.26		5.73
5500		0.9801	14.42		5.89
5000		0.9878	15.69		6.07
4800		0.9910	16.26		6.15
4600		0.9944	16.87		6.23
4500		0.9961	17.23		6.27
4440	*	0.9972	17.47		6.30
4285	* *	1.0000	18.38		6.37
4000		1.0191		3.731	
3700		1.0397		3.982	
3400		1.0657		3.963	
3100		1.1009		3.790	
2800		1.1472		3.603	
2500		1.2090		3.416	
2200		1.2935		3.229	
1900		1.4128		3.041	
1600		1.5874		2.857	
1300		1.8606		2.668	
900		2.5542		2.420	
500		4.4998		2.163	

* Reservoir Pressure
* * Saturation Pressure

(1) Barrels at indicated pressure per barrel at saturation pressure
(2) Oil Compressibility = - (1/V) * (dV/dP)
(3) Y Function = (Psat - P) / (P)*(V/Vsat-1)
(4) Thermal Expansion = - (1/V) * (dV/dT)

DIFFERENTIAL VAPORIZATION
@ 238 °F
Using Bottom Hole Sample in Cylinder # L-8103206 ex MPSR # 0478

Pressure (psig)		Gas-Oil Ratio (SCF/Bbl) (1)	Formation Volume Factor (Bo) (2)	(Bt) (3)	Oil Density (gm/cc)	Oil Viscosity (Centipoise)
6000		1074	1.6141	1.6141	0.6449	0.371
5500		1074	1.6258	1.6258	0.6403	0.354
5000		1074	1.6387	1.6387	0.6352	0.335
4500		1074	1.6524	1.6524	0.6300	0.317
4440	*	1074	1.6541	1.6541	0.6293	0.314
4285	**	1074	1.6589	1.6589	0.6275	0.309
3900		958	1.5965	1.6956	0.6381	0.342
3500		840	1.5414	1.7561	0.6464	0.376
3000		702	1.4785	1.8617	0.6565	0.419
2500		573	1.4210	2.0239	0.6661	0.463
2000		457	1.3690	2.2827	0.6757	0.516
1500		346	1.3187	2.7577	0.6856	0.585
1000		241	1.2722	3.7755	0.6946	0.660
500		137	1.2245	7.0299	0.7034	0.801
0		0	1.0867		0.7565	1.241

* Reservoir Pressure
** Saturation Pressure

(1) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F.
(2) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F.
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F.

Bo and Rs

Differential Data Corrected with Optimum Separator Test

OPTIMUM SEPARATOR TEST:	Pressure (psig) :	290	Temperature (°C) :	145
	(Bofb) :	1.6300	(Rsfb) :	1024
DIFFERENTIAL :	(Bodb) :	1.6589	(Rsdb) :	1074

(2) Bo=Bod*(Bofb/Bodb)
(4) Bt=Btd*(Bofb/Bodb)
(6) Rs=Rsfb-(Rsdb-Rsd)*(Bofb/Bodb)

Pressure (psig)		(Bod) (1)	(Bo) (2)	(Btd) (3)	(Bt) (4)	(Rsd) (SCF/BBL) (5)	(Rs) (SCF/BBL) (6)
4440		1.6541	1.6254	1.6541	1.6254	1074	1024
4285	*	1.6589	1.6300	1.6589	1.6300	1074	1024
3900		1.5965	1.5687	1.6956	1.6660	958	910
3500		1.5414	1.5145	1.7561	1.7255	840	794
3000		1.4785	1.4527	1.8617	1.8293	702	659
2500		1.4210	1.3963	2.0239	1.9886	573	532
2000		1.3690	1.3452	2.2827	2.2430	457	418
1500		1.3187	1.2958	2.7577	2.7097	346	309
1000		1.2722	1.2500	3.7755	3.7098	241	206
500		1.2245	1.2031	7.0299	6.9076	137	103
0		1.0867	1.0867			0	0

* Saturation Pressure

(1) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F
(2) Barrels of oil at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F
(4) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(5) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F
(6) Cubic feet of gas at 14.696 psia and 60 °F per barrel of stock tank oil at 60 °F

DIFFERENTIAL VAPORIZATION
@ 238 °F
Using Bottom Hole Sample in Cylinder # L-8103206 ex MPSR # 0478

Pressure (psi)	Formation Volume Factor (Bg) (1)	Gas Expansion Factor (E) (2)	Deviation Factor (Z)	Gas Gravity (Air=1.00)	Gas Viscosity (Centipoise) (3)
4285 *					
3900	0.00481	208.094	0.954	0.881	0.0266
3500	0.00516	193.736	0.920	0.870	0.0247
3000	0.00580	172.552	0.886	0.860	0.0224
2500	0.00676	147.941	0.862	0.854	0.0203
2000	0.00832	120.199	0.850	0.853	0.0182
1500	0.01110	90.051	0.853	0.865	0.0164
1000	0.01689	59.214	0.869	0.896	0.0148
500	0.03479	28.746	0.908	0.980	0.0133
0			1.000	1.262	0.0114

* Saturation Pressure = Reservoir Pressure

(1) Cubic feet of gas at indicated pressure and temperature per cubic foot at 14.696 psia and 60 °F
(2) Cubic feet of gas at 14.696 psia and 60 °F per cubic foot at indicated pressure and temperature
(3) Calculated from correlation of Lee, Gonzales and Eakin

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	12.49	12.57	12.83
Nitrogen	N2	0.21	0.19	0.16
Methane	C1	72.26	72.52	72.50
Ethane	C2	6.62	6.64	6.82
Propane	C3	3.19	3.21	3.23
Iso-Butane	iC4	0.49	0.49	0.48
N-Butane	nC4	0.87	0.87	0.86
Iso-Pentane	iC5	0.30	0.28	0.27
N-Pentane	nC5	0.34	0.32	0.30
Hexanes	C6	0.50	0.46	0.43
Heptanes	C7	0.82	0.77	0.71
Octanes	C8	0.70	0.64	0.56
Nonanes	C9	0.51	0.44	0.36
Decanes	C10	0.33	0.29	0.23
Undecanes	C11	0.11	0.10	0.09
Dodecanes Plus	C12+	0.26	0.21	0.17
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	25.43	25.10	24.80
Gravity (AIR = 1.000)	:	0.881	0.870	0.860
Gross HV (BTU/SCF)	:	1205	1186	1164
Nett HV (BTU/SCF)	:	1095	1077	1057
Wobbe Index	:	1283	1271	1255
Critical Pressure (psia)	:	705.4	706.8	709.1
Critical Temperature (°R)	:	423.0	420.9	419.2

GPM Content				
Ethane Plus	:	4.876	4.713	4.567
Propane Plus	:	3.104	2.936	2.742
Butanes Plus	:	2.224	2.051	1.851
Pentanes Plus	:	1.789	1.616	1.423

Hexanes Plus Properties				
Mol %	:	3.23	2.91	2.55
Molecular Weight	:	113.3	112.8	111.7
Density (gm/cc @ 60 °F)	:	0.7056	0.7051	0.7037
Gravity (°API @ 60 °F)	:	68.8	69.0	69.4

Heptanes Plus Properties				
Mol %	:	2.73	2.45	2.12
Molecular Weight	:	118.7	118.2	117.3
Density (gm/cc @ 60 °F)	:	0.7118	0.7112	0.7102
Gravity (°API @ 60 °F)	:	67.1	67.3	67.5

Decanes Plus Properties				
Mol %	:	0.70	0.60	0.49
Molecular Weight	:	155.3	156.7	157.4
Density (gm/cc @ 60 °F)	:	0.7473	0.7485	0.7491
Gravity (°API @ 60 °F)	:	57.7	57.4	57.2

Undecanes Plus Properties				
Mol %	:	0.37	0.31	0.26
Molecular Weight	:	174.3	178.0	178.1
Density (gm/cc @ 60 °F)	:	0.7625	0.7653	0.7654
Gravity (°API @ 60 °F)	:	53.9	53.2	53.2

Dodecanes Plus Properties				
Mol %	:	0.26	0.21	0.17
Molecular Weight	:	185.80	192.70	194.50
Density (gm/cc @ 60 °F)	:	0.77	0.78	0.78
Gravity (°API @ 60 °F)	:	51.85	50.71	50.42

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	13.19	13.55	14.32
Nitrogen	N2	0.14	0.11	0.09
Methane	C1	72.21	71.64	69.90
Ethane	C2	7.03	7.35	8.01
Propane	C3	3.28	3.40	3.68
Iso-Butane	iC4	0.48	0.49	0.53
N-Butane	nC4	0.85	0.86	0.91
Iso-Pentane	iC5	0.25	0.25	0.26
N-Pentane	nC5	0.28	0.27	0.29
Hexanes	C6	0.40	0.38	0.38
Heptanes	C7	0.67	0.63	0.62
Octanes	C8	0.50	0.44	0.41
Nonanes	C9	0.30	0.26	0.28
Decanes	C10	0.20	0.17	0.14
Undecanes	C11	0.09	0.10	0.10
Dodecanes Plus	C12+	0.13	0.10	0.08
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	24.65	24.62	24.97
Gravity (AIR = 1.000)	:	0.854	0.853	0.865
Gross HV (BTU/SCF)	:	1146	1135	1135
Nett HV (BTU/SCF)	:	1040	1031	1031
Wobbe Index	:	1240	1229	1220
Critical Pressure (psia)	:	711.6	713.8	717.1
Critical Temperature (°R)	:	418.5	418.9	422.7

GPM Content				
Ethane Plus	:	4.483	4.499	4.752
Propane Plus	:	2.602	2.532	2.608
Butanes Plus	:	1.697	1.594	1.593
Pentanes Plus	:	1.272	1.163	1.132

Hexanes Plus Properties				
Mol %	:	2.29	2.08	2.01
Molecular Weight	:	110.4	109.3	108.2
Density (gm/cc @ 60 °F)	:	0.7021	0.7009	0.6996
Gravity (°API @ 60 °F)	:	69.8	70.2	70.6

Heptanes Plus Properties				
Mol %	:	1.89	1.70	1.63
Molecular Weight	:	115.9	115.0	113.9
Density (gm/cc @ 60 °F)	:	0.7087	0.7075	0.7063
Gravity (°API @ 60 °F)	:	68.0	68.3	68.7

Decanes Plus Properties				
Mol %	:	0.42	0.37	0.32
Molecular Weight	:	154.8	152.5	151.1
Density (gm/cc @ 60 °F)	:	0.7469	0.7449	0.7436
Gravity (°API @ 60 °F)	:	57.8	58.3	58.6

Undecanes Plus Properties				
Mol %	:	0.22	0.20	0.18
Molecular Weight	:	173.7	168.2	164.3
Density (gm/cc @ 60 °F)	:	0.7621	0.7578	0.7548
Gravity (°API @ 60 °F)	:	54.0	55.0	55.8

Dodecanes Plus Properties				
Mol %	:	0.13	0.10	0.08
Molecular Weight	:	192.20	189.30	186.00
Density (gm/cc @ 60 °F)	:	0.78	0.77	0.77
Gravity (°API @ 60 °F)	:	50.79	51.27	51.82

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	15.52	17.37	16.45
Nitrogen	N2	0.06	0.03	0.01
Methane	C1	66.45	58.22	31.72
Ethane	C2	9.26	12.14	19.35
Propane	C3	4.33	6.31	17.38
Iso-Butane	iC4	0.63	0.90	3.24
N-Butane	nC4	1.08	1.57	5.79
Iso-Pentane	iC5	0.30	0.43	1.40
N-Pentane	nC5	0.32	0.46	1.38
Hexanes	C6	0.38	0.55	1.26
Heptanes	C7	0.63	0.82	1.28
Octanes	C8	0.40	0.47	0.47
Nonanes	C9	0.32	0.36	0.17
Decanes	C10	0.15	0.18	0.06
Undecanes	C11	0.10	0.11	0.03
Dodecanes Plus	C12+	0.07	0.08	0.01
TOTAL		100.00	100.00	100.00
Stream Properties				
Molecular Weight	:	25.85	28.23	36.21
Gravity (AIR = 1.000)	:	0.896	0.980	1.262
Gross HV (BTU/SCF)	:	1153	1236	1698
Nett HV (BTU/SCF)	:	1048	1126	1557
Wobbe Index	:	1218	1249	1512
Critical Pressure (psia)	:	721.6	726.5	707.5
Critical Temperature (°R)	:	431.6	455.5	544.0
G P M Content				
Ethane Plus	:	5.394	7.279	15.258
Propane Plus	:	2.916	4.030	10.079
Butanes Plus	:	1.722	2.290	5.286
Pentanes Plus	:	1.175	1.500	2.398
Hexanes Plus Properties				
Mol %	:	2.05	2.57	3.28
Molecular Weight	:	108.03	106.34	95.67
Density (gm/cc @ 60 °F)	:	0.70	0.70	0.68
Gravity (°API @ 60 °F)	:	70.6	71.3	75.4
Heptanes Plus Properties				
Mol %	:	1.67	2.02	2.02
Molecular Weight	:	113.49	112.42	102.95
Density (gm/cc @ 60 °F)	:	0.71	0.70	0.69
Gravity (°API @ 60 °F)	:	68.8	69.1	72.5
Decanes Plus Properties				
Mol %	:	0.32	0.37	0.10
Molecular Weight	:	148.54	147.34	142.28
Density (gm/cc @ 60 °F)	:	0.74	0.74	0.74
Gravity (°API @ 60 °F)	:	59.2	59.4	60.6
Undecanes Plus Properties				
Mol %	:	0.17	0.19	0.04
Molecular Weight	:	161.37	159.97	154.70
Density (gm/cc @ 60 °F)	:	0.75	0.75	0.75
Gravity (°API @ 60 °F)	:	56.4	56.7	57.8
Dodecanes Plus Properties				
Mol %	:	0.07	0.08	0.01
Molecular Weight	:	189.30	181.90	177.80
Density (gm/cc @ 60 °F)	:	0.77	0.77	0.77
Gravity (°API @ 60 °F)	:	51.27	52.52	53.25

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	9.07	8.78	8.34
Nitrogen	N2	0.07	0.06	0.05
Methane	C1	40.06	37.36	33.57
Ethane	C2	6.24	6.20	6.14
Propane	C3	4.10	4.17	4.27
Iso-Butane	iC4	0.81	0.83	0.87
N-Butane	nC4	1.55	1.61	1.69
Iso-Pentane	iC5	0.58	0.61	0.64
N-Pentane	nC5	0.68	0.71	0.75
Hexanes	C6	1.55	1.64	1.77
Heptanes	C7	3.55	3.78	4.11
Octanes	C8	2.56	2.72	2.96
Nonanes	C9	2.71	2.90	3.17
Decanes	C10	1.81	1.94	2.13
Undecanes	C11	1.27	1.37	1.50
Dodecanes Plus	C12+	23.38	25.31	28.02
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	85.3	90.3	97.3
Density obs. (gm/cc)	:	0.6143	0.6206	0.6290
Gravity (°API @ 60 °F)	:	98.6	96.3	93.2

Hexanes Plus Properties

Mol %	:	36.84	39.67	43.67
Molecular Weight	:	233.5	234.2	235.0
Density (gm/cc @ 60 °F)	:	0.8326	0.8330	0.8335
Gravity (°API @ 60 °F)	:	38.3	38.2	38.1

Heptanes Plus Properties

Mol %	:	35.29	38.03	41.90
Molecular Weight	:	244.2	244.9	245.6
Density (gm/cc @ 60 °F)	:	0.8372	0.8376	0.8380
Gravity (°API @ 60 °F)	:	37.4	37.3	37.2

Decanes Plus Properties

Mol %	:	26.47	28.62	31.65
Molecular Weight	:	267.0	267.2	267.4
Density (gm/cc @ 60 °F)	:	0.8445	0.8446	0.8447
Gravity (°API @ 60 °F)	:	35.9	35.9	35.9

Undecanes Plus Properties

Mol %	:	24.65	26.68	29.53
Molecular Weight	:	278.3	278.4	278.5
Density (gm/cc @ 60 °F)	:	0.8474	0.8475	0.8475
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	23.38	25.31	28.02
Molecular Weight	:	288.5	288.5	288.6
Density (gm/cc @ 60 °F)	:	0.8499	0.8500	0.8500
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	7.79	7.15	6.28
Nitrogen	N2	0.04	0.03	0.02
Methane	C1	29.22	24.45	18.98
Ethane	C2	6.04	5.89	5.63
Propane	C3	4.38	4.50	4.59
Iso-Butane	iC4	0.91	0.96	1.01
N-Butane	nC4	1.79	1.89	2.01
Iso-Pentane	iC5	0.69	0.74	0.80
N-Pentane	nC5	0.80	0.86	0.93
Hexanes	C6	1.93	2.10	2.31
Heptanes	C7	4.50	4.94	5.46
Octanes	C8	3.24	3.55	3.93
Nonanes	C9	3.50	3.86	4.29
Decanes	C10	2.34	2.59	2.88
Undecanes	C11	1.66	1.84	2.05
Dodecanes Plus	C12+	31.17	34.65	38.82
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	105.5	114.6	125.4
Density obs. (gm/cc)	:	0.6382	0.6478	0.6583
Gravity (°API @ 60 °F)	:	90.0	86.7	83.2

Hexanes Plus Properties

Mol %	:	48.34	53.53	59.74
Molecular Weight	:	235.7	236.2	236.7
Density (gm/cc @ 60 °F)	:	0.8339	0.8342	0.8345
Gravity (°API @ 60 °F)	:	38.0	38.0	37.9

Heptanes Plus Properties

Mol %	:	46.41	51.43	57.43
Molecular Weight	:	246.2	246.6	247.1
Density (gm/cc @ 60 °F)	:	0.8383	0.8386	0.8388
Gravity (°API @ 60 °F)	:	37.1	37.1	37.0

Decanes Plus Properties

Mol %	:	35.17	39.08	43.75
Molecular Weight	:	267.5	267.6	267.7
Density (gm/cc @ 60 °F)	:	0.8448	0.8448	0.8449
Gravity (°API @ 60 °F)	:	35.8	35.8	35.8

Undecanes Plus Properties

Mol %	:	32.83	36.49	40.87
Molecular Weight	:	278.5	278.6	278.7
Density (gm/cc @ 60 °F)	:	0.8476	0.8476	0.8477
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	31.17	34.65	38.82
Molecular Weight	:	288.6	288.7	288.7
Density (gm/cc @ 60 °F)	:	0.8500	0.8500	0.8501
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	5.10	3.29	0.17
Nitrogen	N2	0.02	0.02	0.02
Methane	C1	12.89	6.22	0.16
Ethane	C2	5.17	4.14	0.53
Propane	C3	4.63	4.38	1.29
Iso-Butane	iC4	1.06	1.09	0.57
N-Butane	nC4	2.13	2.21	1.36
Iso-Pentane	iC5	0.86	0.92	0.81
N-Pentane	nC5	1.01	1.09	1.02
Hexanes	C6	2.56	2.85	3.23
Heptanes	C7	6.08	6.85	8.17
Octanes	C8	4.38	4.95	6.02
Nonanes	C9	4.80	5.45	6.71
Decanes	C10	3.23	3.68	4.54
Undecanes	C11	2.30	2.62	3.24
Dodecanes Plus	C12+	43.79	50.22	62.15
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	138.2	154.4	182.4
Density obs. (gm/cc)	:	0.6699	0.6833	0.7041
Gravity (°API @ 60 °F)	:	79.5	75.4	69.3

Hexanes Plus Properties

Mol %	:	67.13	76.63	94.06
Molecular Weight	:	237.2	237.9	239.1
Density (gm/cc @ 60 °F)	:	0.8348	0.8351	0.8358
Gravity (°API @ 60 °F)	:	37.8	37.8	37.6

Heptanes Plus Properties

Mol %	:	64.58	73.78	90.83
Molecular Weight	:	247.5	248.1	248.9
Density (gm/cc @ 60 °F)	:	0.8390	0.8393	0.8397
Gravity (°API @ 60 °F)	:	37.0	36.9	36.8

Decanes Plus Properties

Mol %	:	49.32	56.52	69.93
Molecular Weight	:	267.8	267.9	268.0
Density (gm/cc @ 60 °F)	:	0.8449	0.8450	0.8450
Gravity (°API @ 60 °F)	:	35.8	35.8	35.8

Undecanes Plus Properties

Mol %	:	46.09	52.84	65.39
Molecular Weight	:	278.7	278.8	278.8
Density (gm/cc @ 60 °F)	:	0.8477	0.8477	0.8477
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	43.79	50.22	62.15
Molecular Weight	:	288.7	288.7	288.7
Density (gm/cc @ 60 °F)	:	0.8501	0.8501	0.8501
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

SEPARATOR TEST

On Bottom Hole Reservoir Fluid from Zone 2 @ 3133.4 m in Cylinder # 8103206

SEPARATOR Pressure (psig)	SEPARATOR Temperature (°F)	GAS/OIL Ratio (1)	DENSITY (@ 60 °F) °API	DENSITY (@ 60 °F) (gm/cc)	VOLUME Factor (2)	SHRINKAGE Factor (3)	GAS Gravity (Air = 1)
Test # 1							
290	145	925				0.880	0.810
TO							
7	136	89				0.960	1.234
TO							
0	136	10	38.4	0.8321	1.630	0.967	1.561
	Total GOR	1024					

(1) Gas/Oil Ratio is reported as cubic feet of gas @ 14.696 psia and 60 °F per barrel of stock tank oil @ 60 °F
(2) Formation Volume Factor is reported as barrels of saturated oil @ 4285 psig and 238°F per barrel of stock tank oil @ 60 °F
(3) Shrinkage Factor is reported as barrels of stock tank oil at @ 60 °F per barrel of separator liquid at separator conditions

COMPOSITIONS OF GASES LIBERATED DURING SEPARATOR TEST

		First Stage Separator	Second Stage Separator	Stock Tank
Pressure (psig):		290	7	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H_2S	0.00	0.00	0.00
Carbon Dioxide	CO_2	11.35	11.59	8.03
Nitrogen	N_2	0.09	0.01	0.04
Methane	C1	72.48	36.97	14.47
Ethane	C2	8.81	17.25	18.34
Propane	C3	4.29	17.29	28.58
Iso-Butane	iC4	0.61	3.48	6.50
N-Butane	nC4	1.00	6.52	12.60
Iso-Pentane	iC5	0.23	1.62	3.00
N-Pentane	nC5	0.23	1.68	2.96
Hexanes	C6	0.27	1.56	2.55
Heptanes	C7	0.28	1.46	2.30
Octanes	C8	0.13	0.45	0.47
Nonanes	C9	0.10	0.10	0.12
Decanes	C10	0.10	0.01	0.02
Undecanes	C11	0.03	0.01	0.02
Dodecanes Plus	C12+	0.00	0.00	0.00
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	23.39	35.38	44.44
Gravity (AIR = 1.000)	:	0.810	1.234	1.561
Gross HV (BTU/SCF)	:	1125	1777	2375
Nett HV (BTU/SCF)	:	1020	1629	2186
Wobbe Index	:	1250	1600	1901
Critical Pressure (psia)	:	708.3	684.4	644.1
Critical Temperature (°R)	:	413.2	537.6	630.9

GPM Content

Ethane Plus	:	4.629	15.271	23.320
Propane Plus	:	2.271	10.654	18.412
Butanes Plus	:	1.088	5.886	10.531
Pentanes Plus	:	0.572	2.689	4.427

Heptanes Plus Properties

Mol %	:	0.64	2.03	2.93
Molecular Weight	:	110.5	100.1	99.4
Density (gm/cc @ 60 °F)	:	0.7439	0.7308	0.7291
Gravity (°API @ 60 °F)	:	58.5	61.9	62.4

Octanes Plus Properties

Mol %	:	0.36	0.57	0.63
Molecular Weight	:	121.7	110.6	111.8
Density (gm/cc @ 60 °F)	:	0.7569	0.7441	0.7446
Gravity (°API @ 60 °F)	:	55.3	58.5	58.3

Decanes Plus Properties

Mol %	:	0.13	0.02	0.04
Molecular Weight	:	137.0	140.5	140.5
Density (gm/cc @ 60 °F)	:	0.7732	0.7767	0.7758
Gravity (°API @ 60 °F)	:	51.3	50.5	50.7

Undecanes Plus Properties

Mol %	:	0.03	0.01	0.02
Molecular Weight	:	147.0	147	147.0
Density (gm/cc @ 60 °F)	:	0.8	0.783	0.7821
Gravity (°API @ 60 °F)	:	49.0	49.0422	49.2

Dodecanes Plus Properties

Molecular Weight	:	--	--	--
Density (gm/cc @ 60 °F)	:	--	--	--
Gravity (°API @ 60 °F)	:	--	--	--

RELATIVE VOLUME

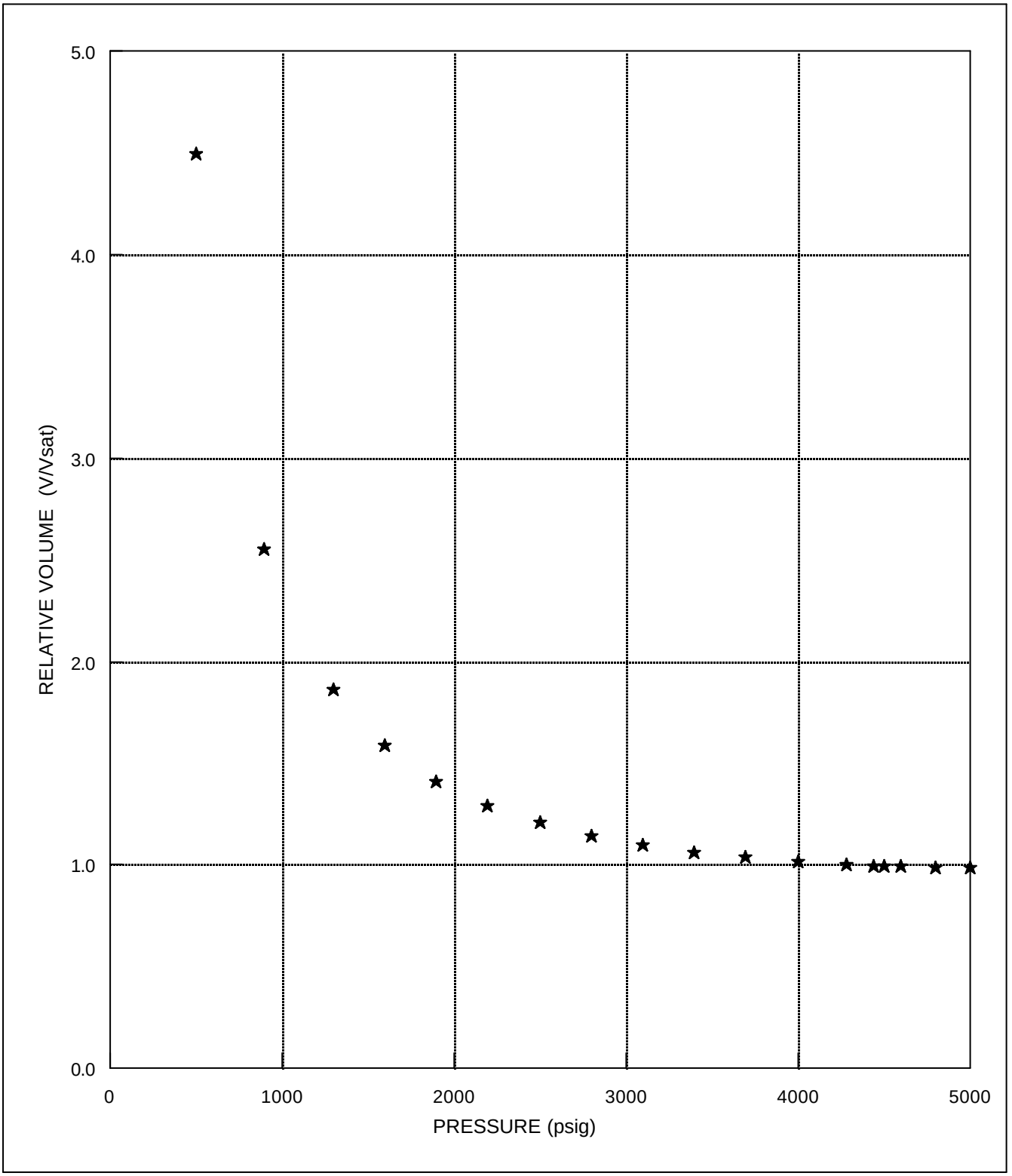
Equation of best fit

ABOVE Psat

RV = +1.12E+00 -4.08E-05 * P +3.59E-09 * P^2 -1.48E-13 * P^3 +0.00E+00 * P^4

BELOW Psat

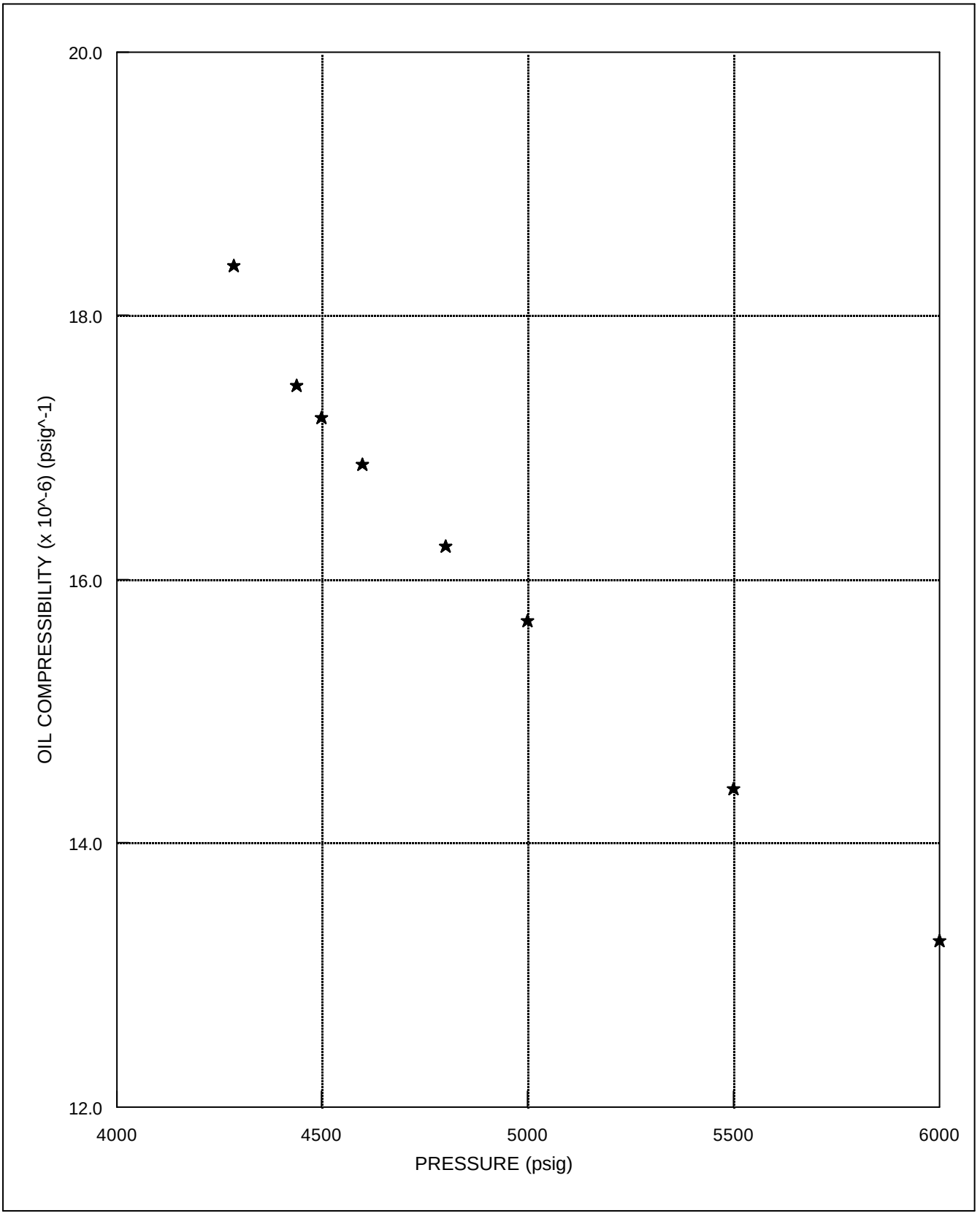
RV = +8.53E+00 -1.09E-02 * P +6.19E-06 * P^2 -1.55E-09 * P^3 +1.43E-13 * P^4



OIL COMPRESSIBILITY

Equation of best fit

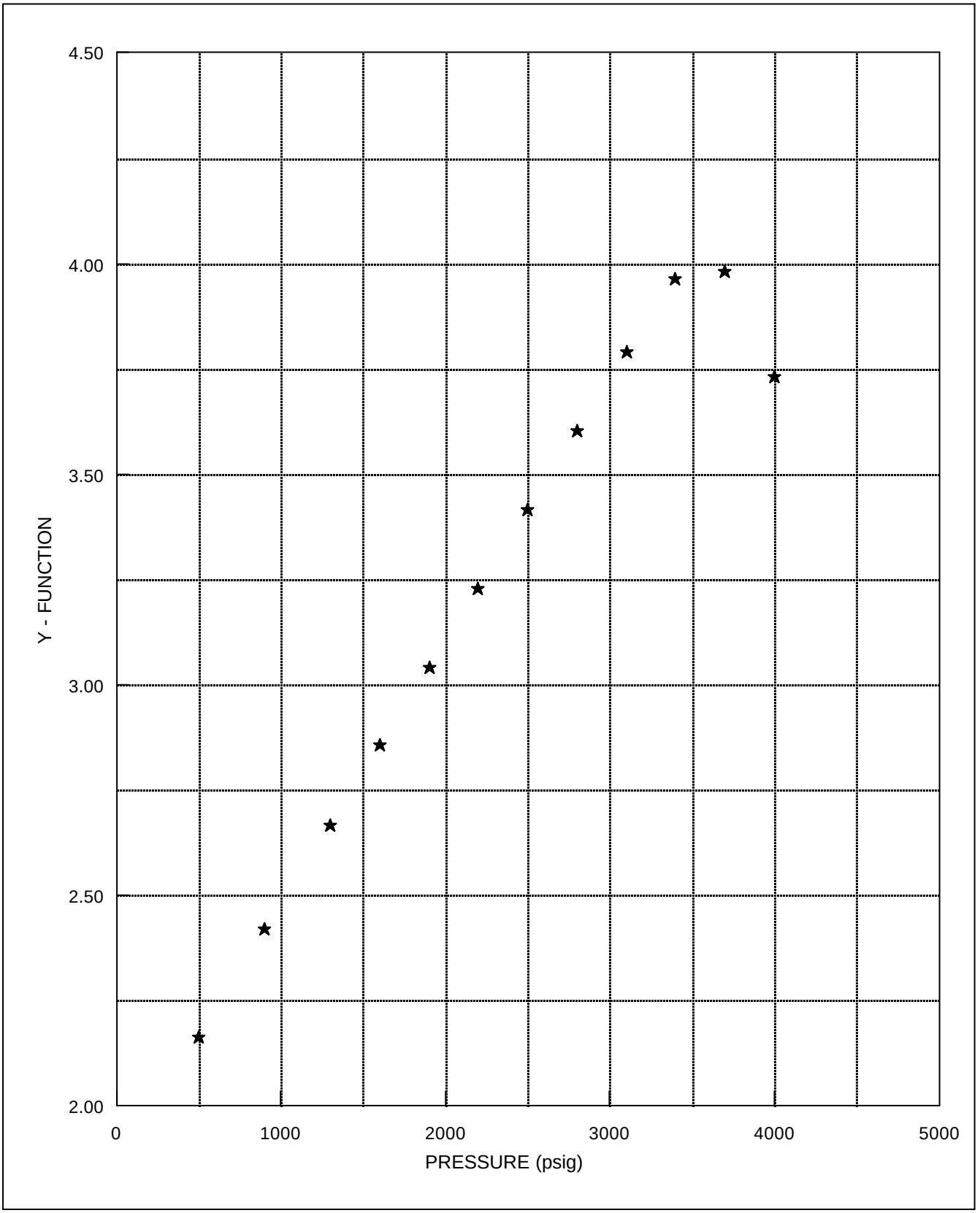
Co = +1.50E+02 -7.03E-02 * P +1.25E-05 * P^2 -7.67E-10 * P^3 +0.00E+00 * P^4



Y - FUNCTION

Equation of best fit

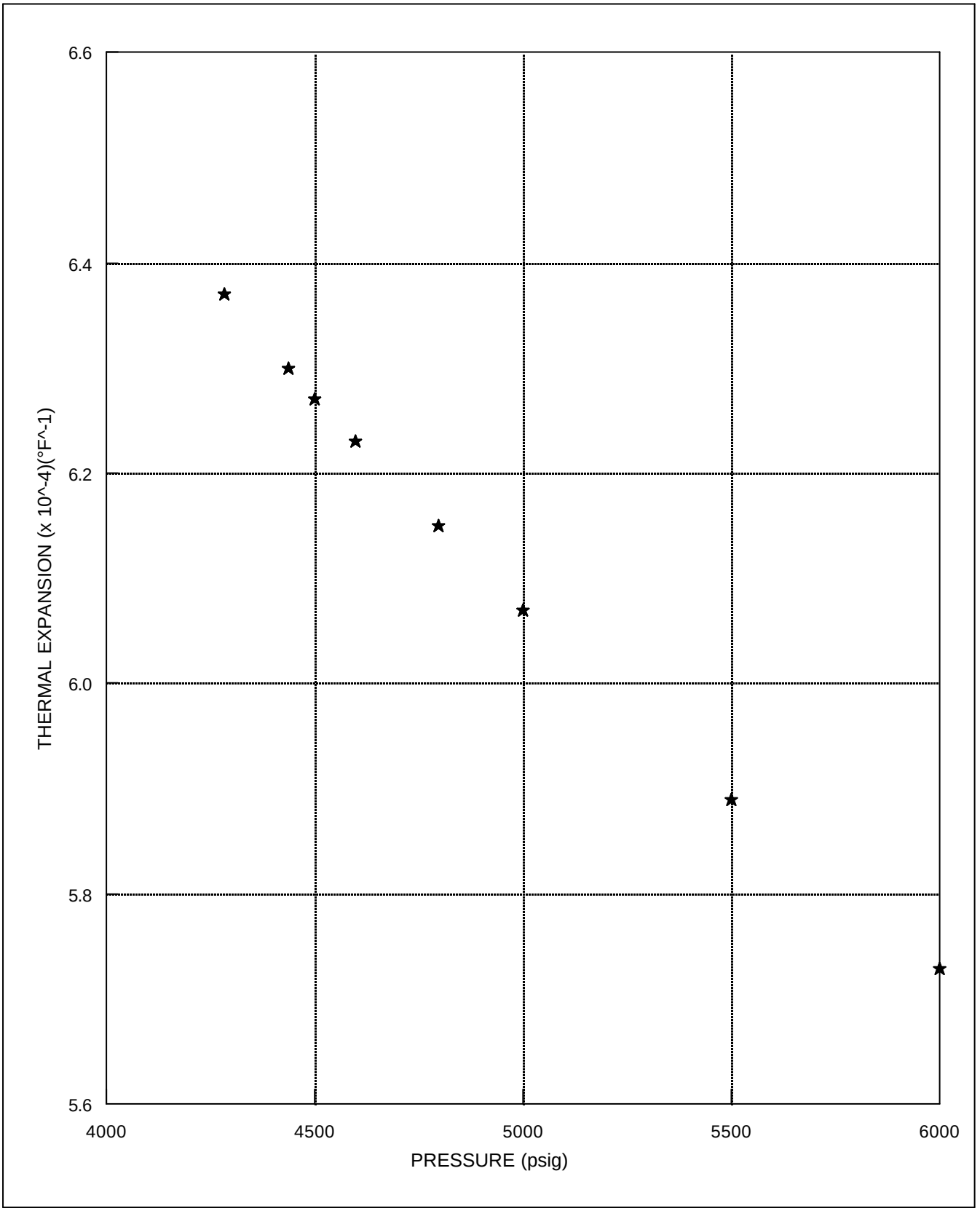
Y = +1.85E+00 +6.25E-04 * P



OIL THERMAL EXPANSION

Equation of best fit

TE = +1.01E+01 -1.39E-03 * P +1.55E-07 * P^2 -7.15E-12 * P^3 +0.00E+00 * P^4

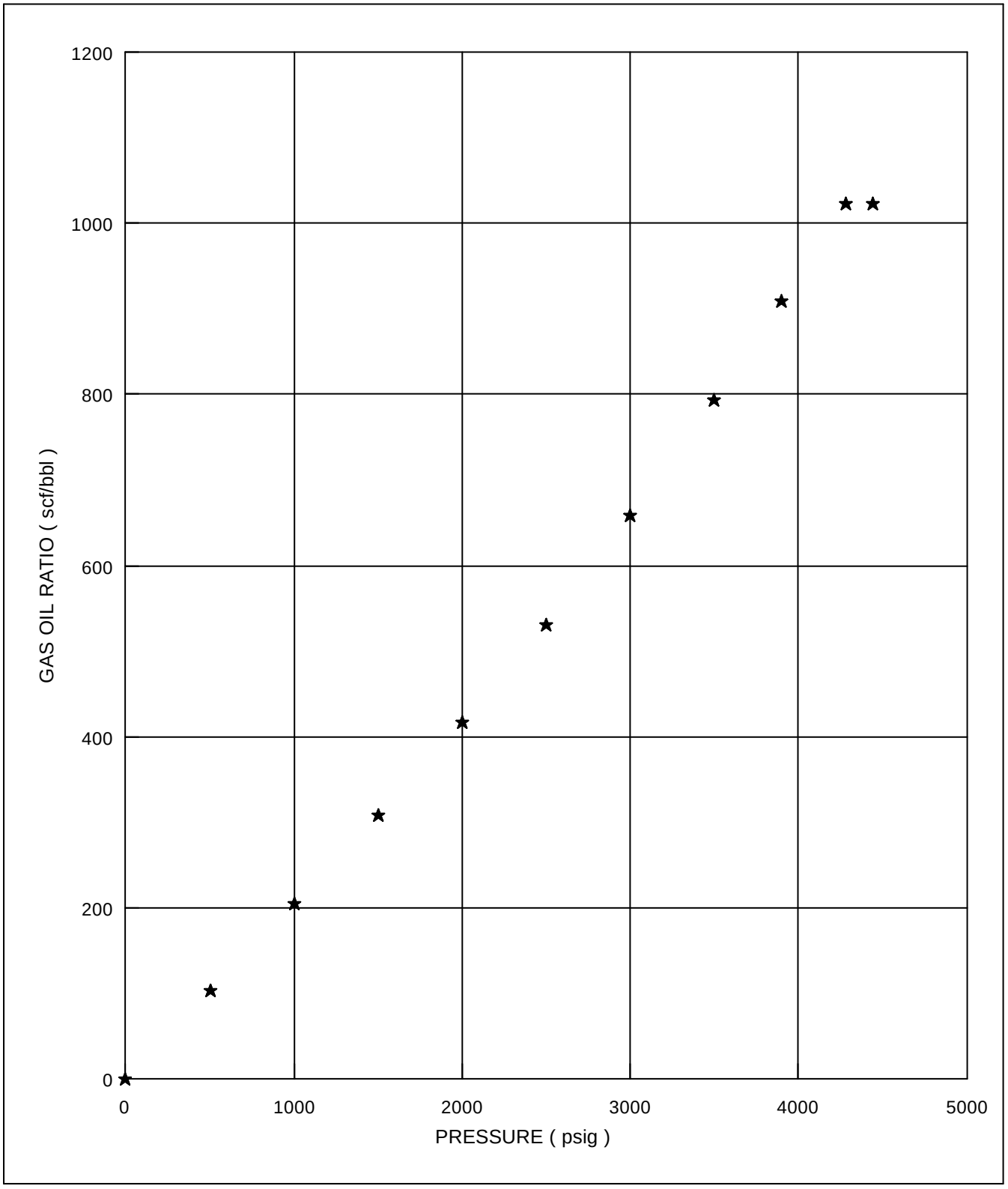


GAS - OIL RATIO

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

GOR = -3.96E-01 +2.17E-01 * P -1.86E-05 * P^2 +8.83E-09 * P^3 -7.64E-13 * P^4

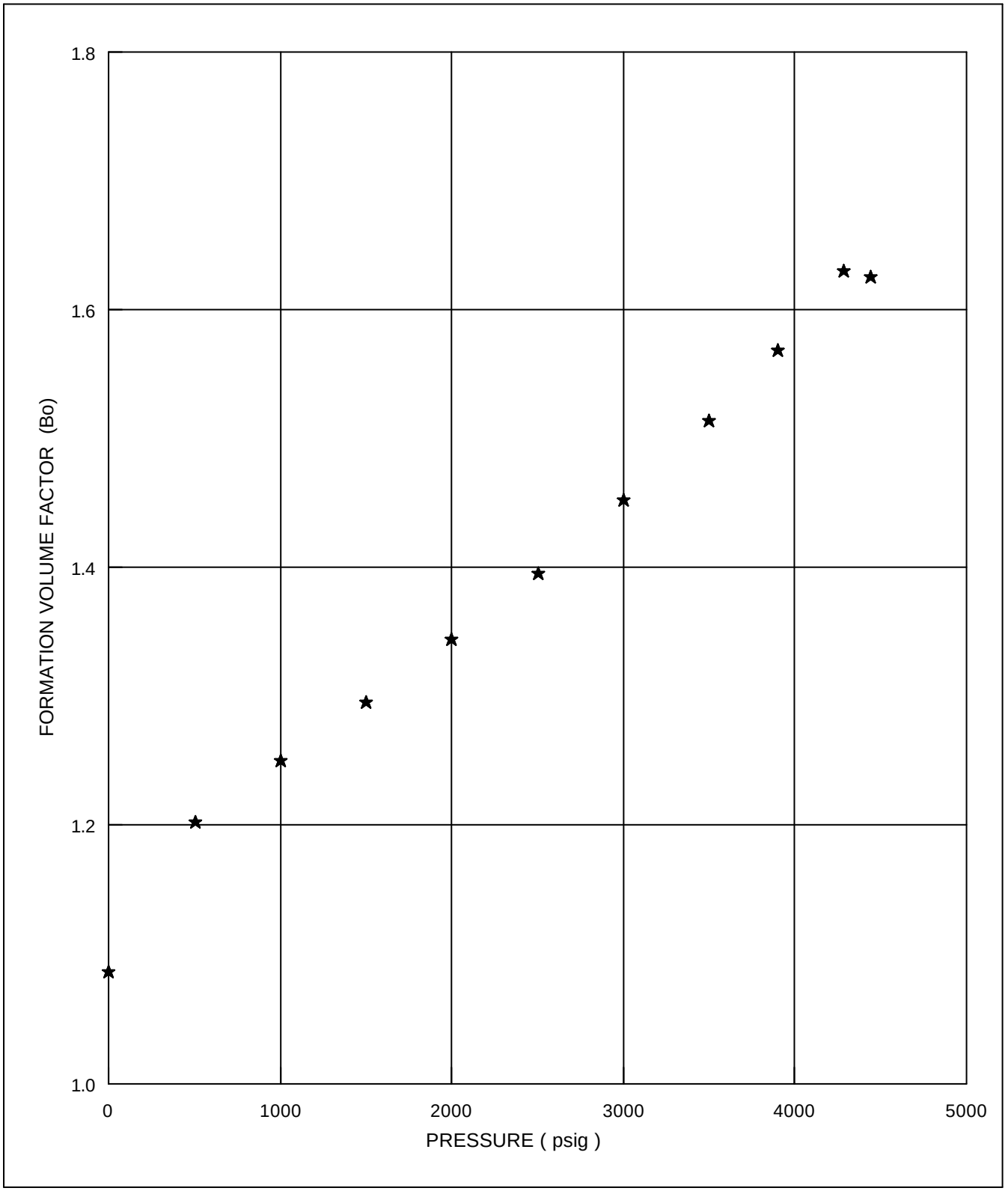


OIL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bo = +1.09E+00 +2.54E-04 * P -1.21E-07 * P^2 +3.51E-11 * P^3 -3.24E-15 * P^4

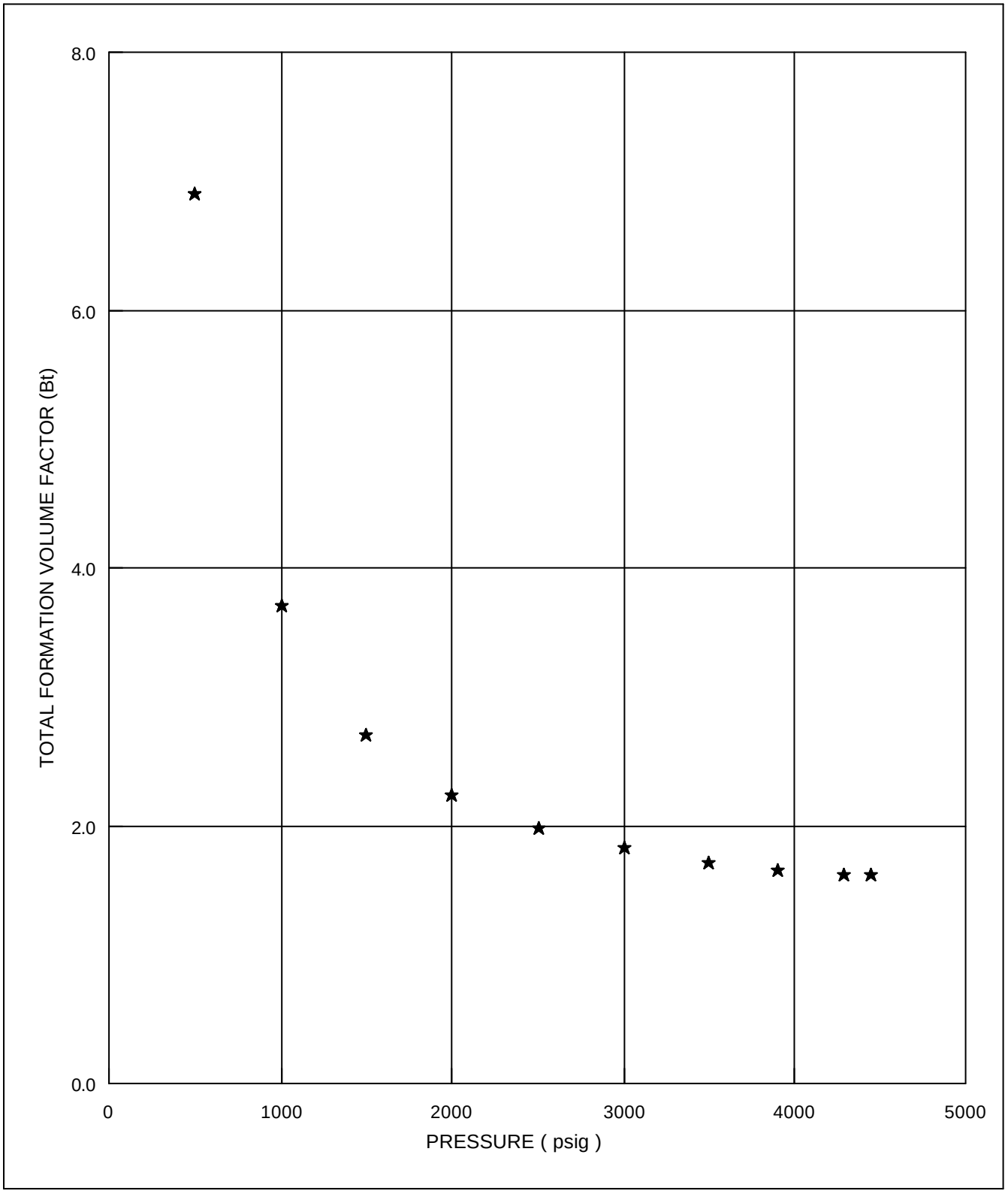


TOTAL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bt = +1.26E+01 -1.50E-02 * P +8.03E-06 * P^2 -1.90E-09 * P^3 +1.63E-13 * P^4



OIL DENSITY

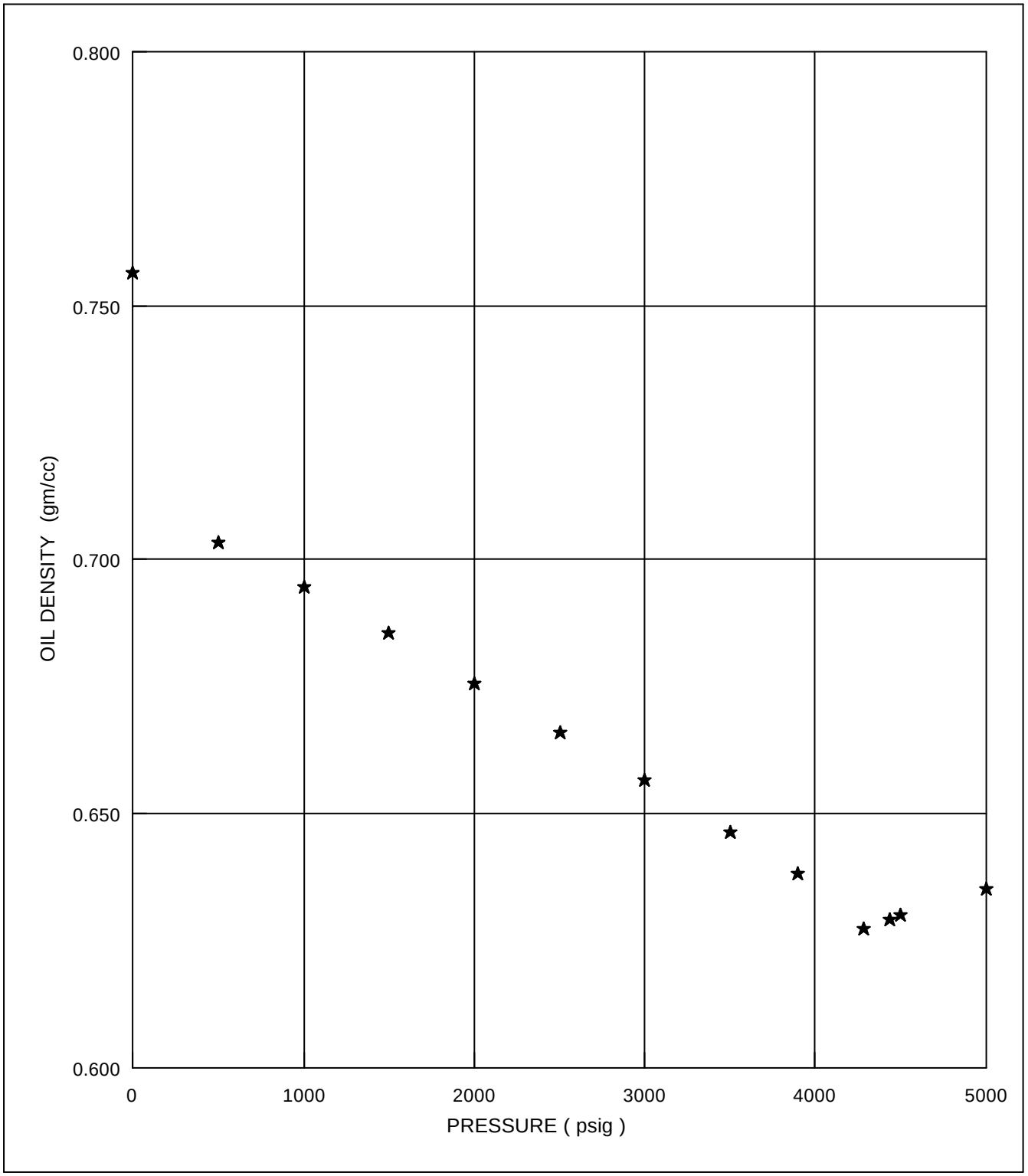
Equation of best fit

ABOVE Psat

Þ = +5.57E-01 +2.28E-05 * P -1.78E-09 * P^2 +7.13E-14 * P^3 +0.00E+00 * P^4

BELOW Psat

Þ = +7.54E-01 -1.18E-04 * P +7.32E-08 * P^2 -2.09E-11 * P^3 +2.03E-15 * P^4



OIL VISCOSITY

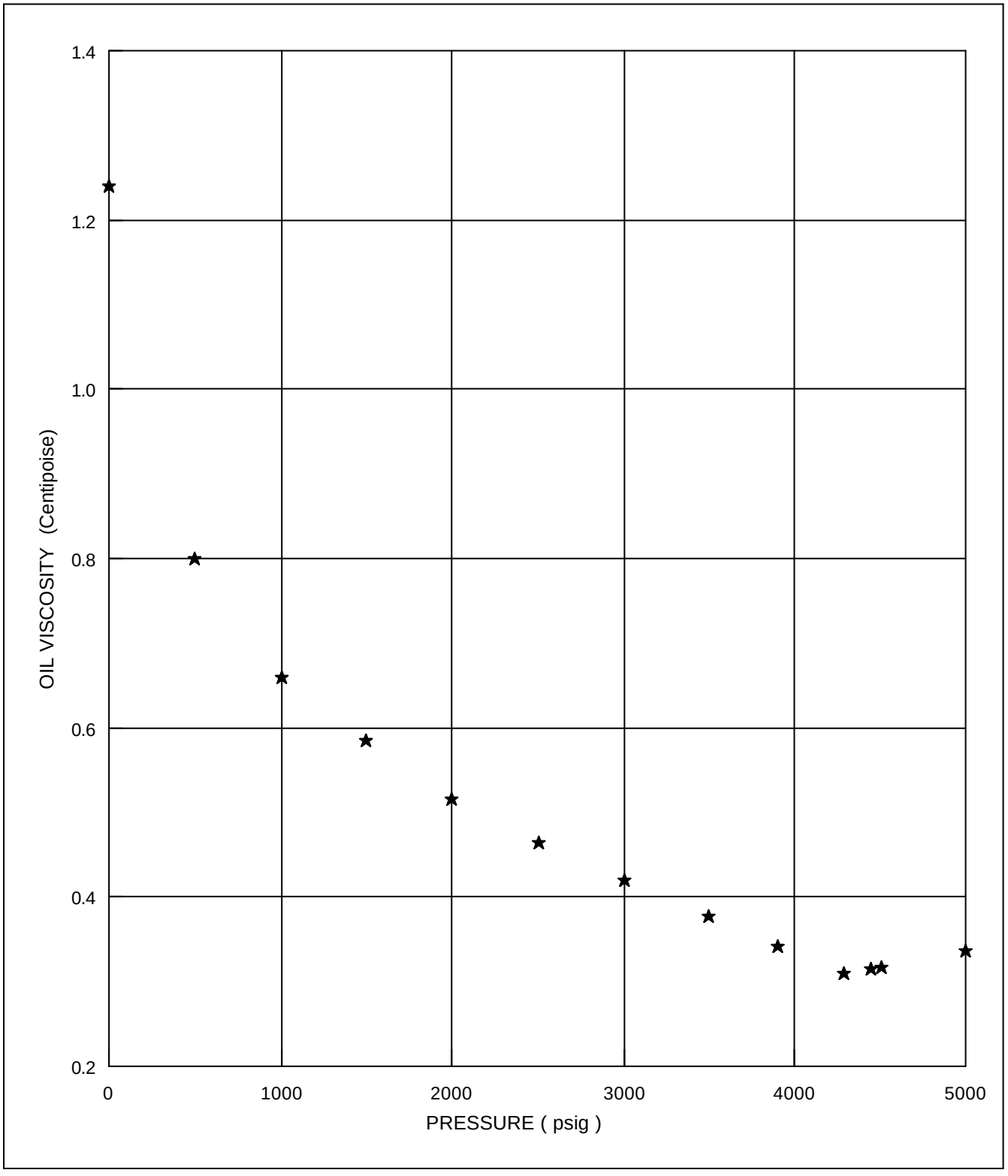
Equation of best fit

ABOVE Psat

$\mu o = +3.04E\text{-}01 - 5.45E\text{-}05 * P + 1.81E\text{-}08 * P^2 - 1.19E\text{-}12 * P^3 + 0.00E+00 * P^4$

BELOW Psat

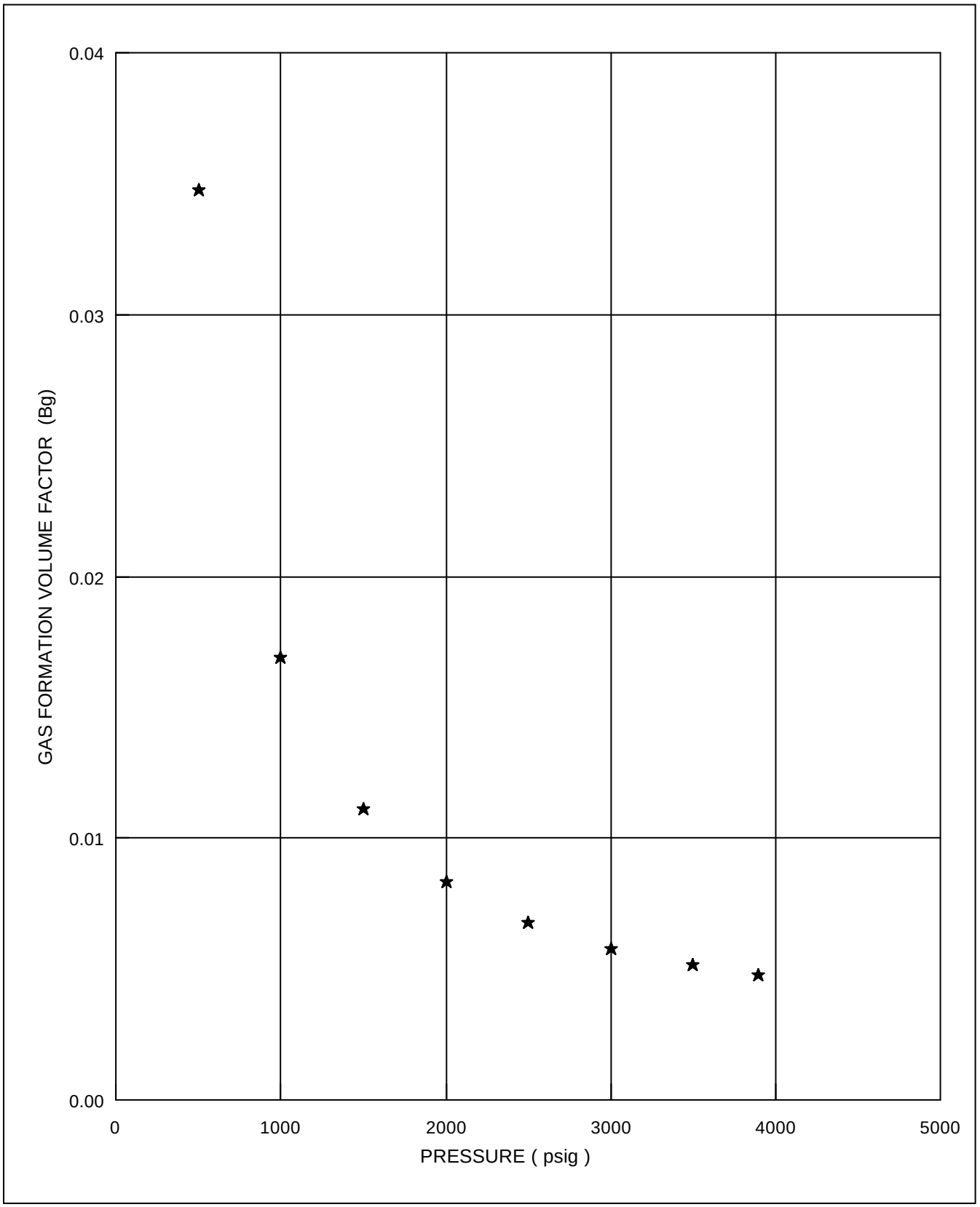
$\mu o = +1.23E+00 - 1.11E\text{-}03 * P + 7.00E\text{-}07 * P^2 - 2.04E\text{-}10 * P^3 + 2.11E\text{-}14 * P^4$



GAS FORMATION VOLUME FACTOR

Equation of best fit

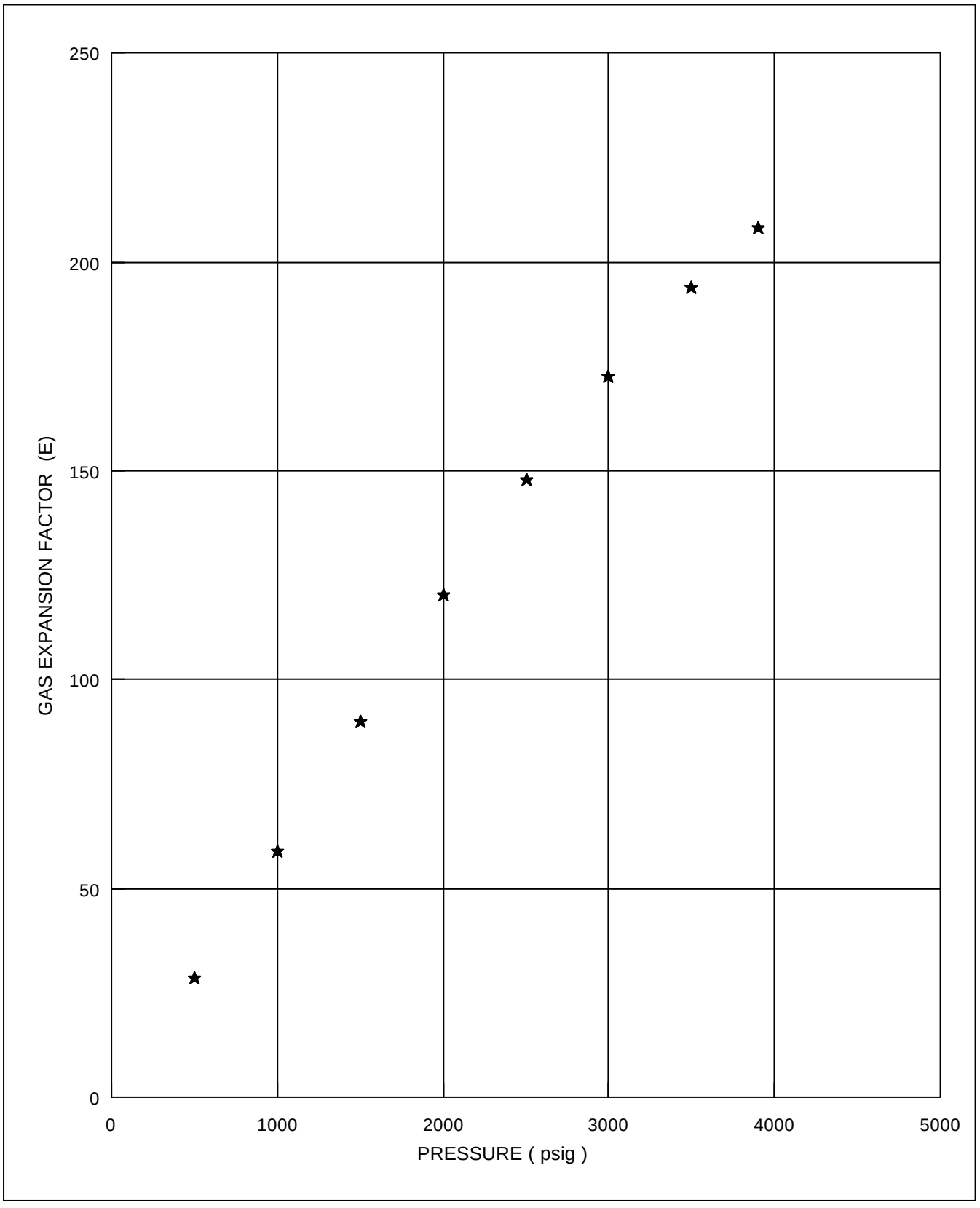
Bg = +6.88E-02 -9.11E-05 * P +5.17E-08 * P^2 -1.31E-11 * P^3 +1.22E-15 * P^4



GAS EXPANSION FACTOR

Equation of best fit

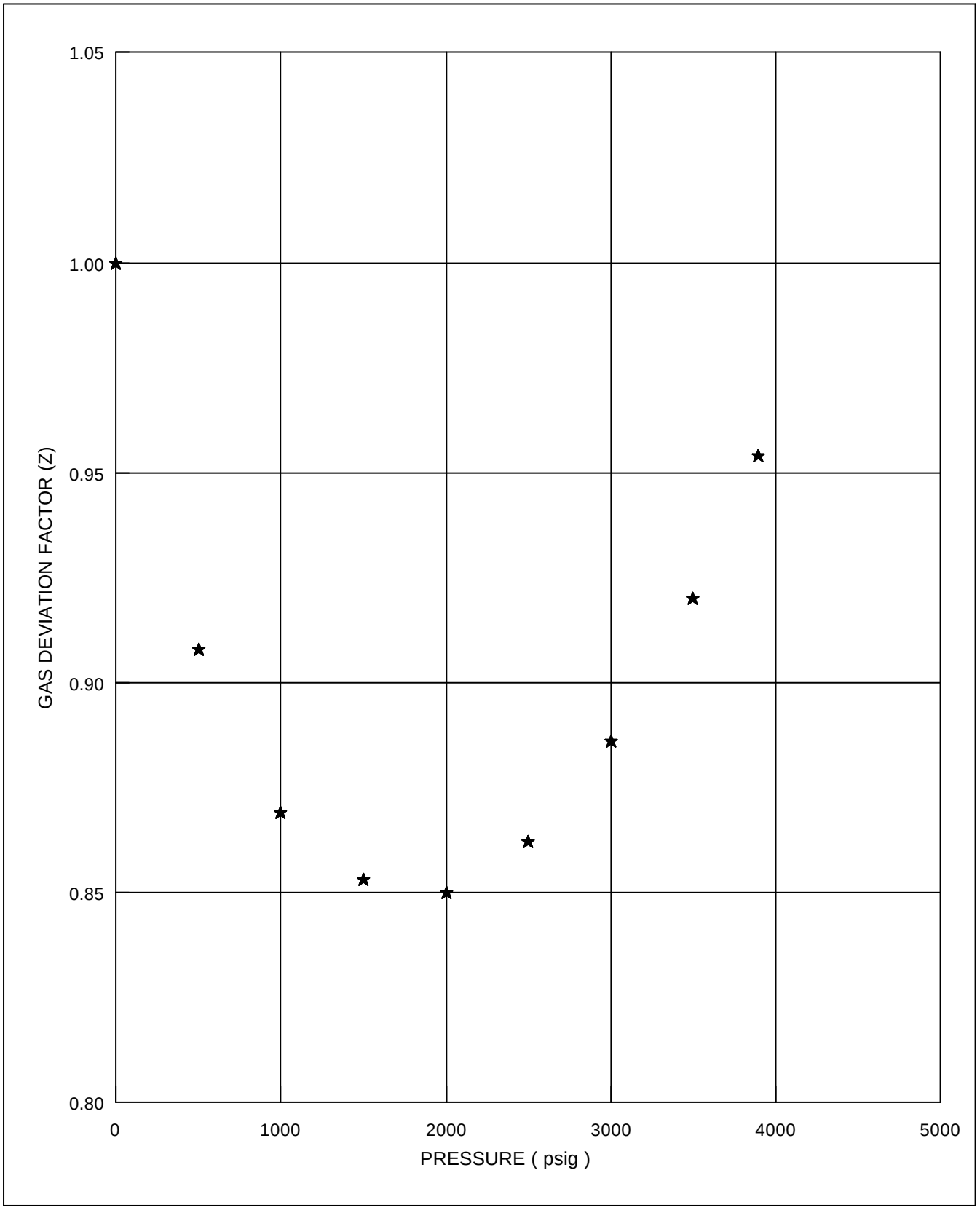
E = +1.06E+00 +5.12E-02 * P +1.02E-05 * P^2 -3.53E-09 * P^3 +2.68E-13 * P^4



GAS DEVIATION FACTOR

Equation of best fit

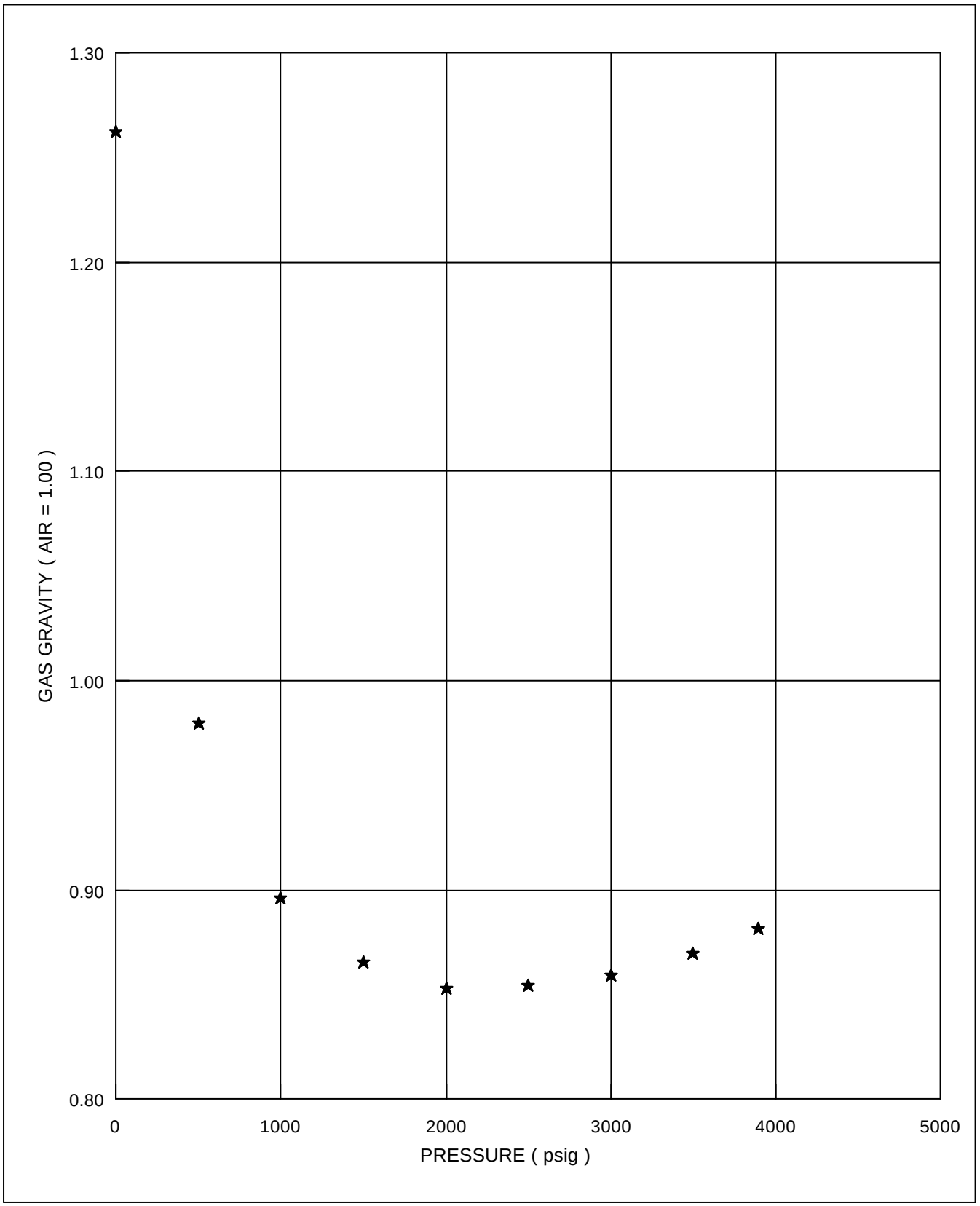
Z = +9.99E-01 -2.28E-04 * P +1.21E-07 * P^2 -2.71E-11 * P^3 +2.66E-15 * P^4



GAS GRAVITY

Equation of best fit

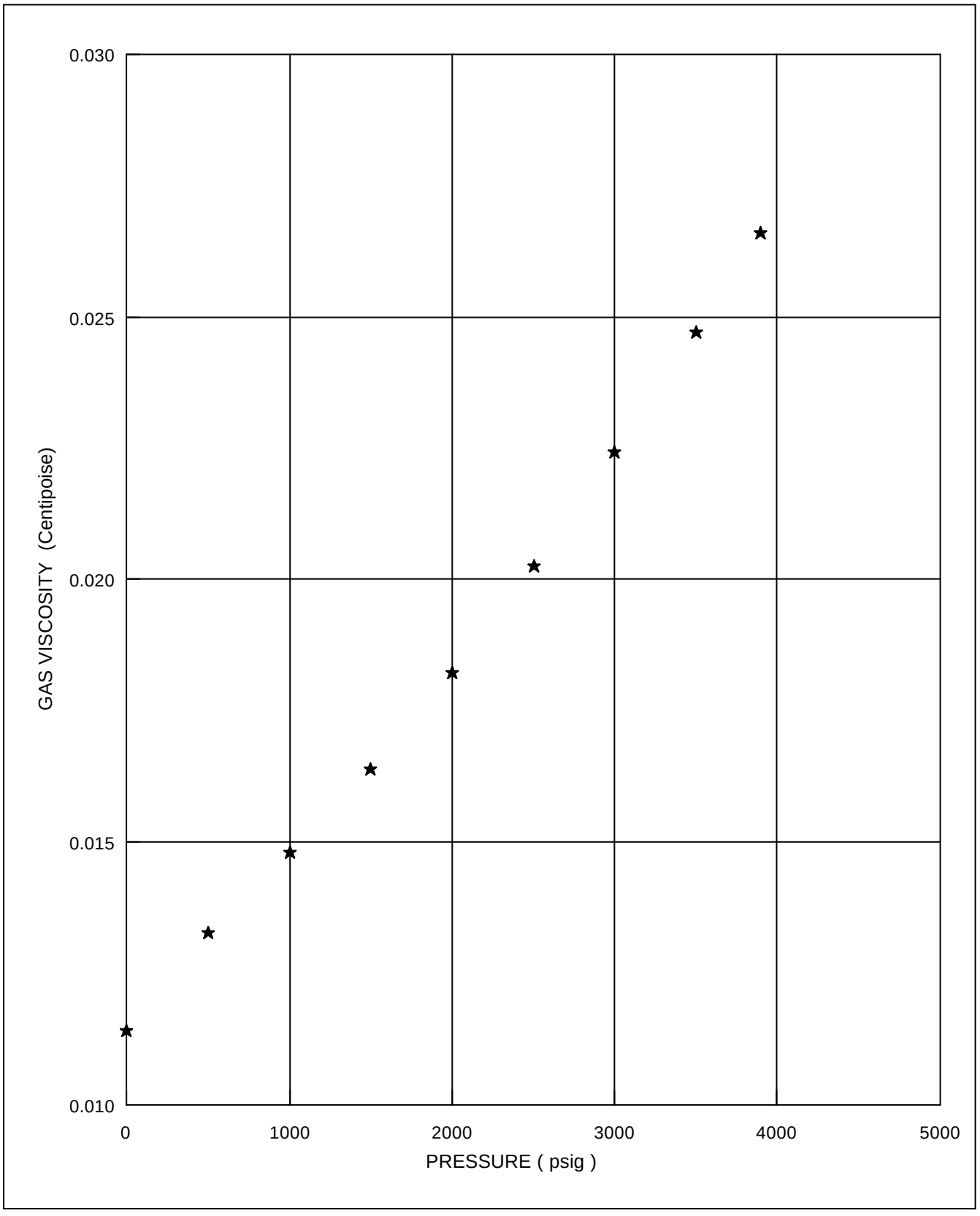
GG = +1.13E+00 -4.04E-04 * P +2.14E-07 * P^2 -5.00E-11 * P^3 +4.47E-15 * P^4



GAS VISCOSITY

Equation of best fit

$\mu g = +1.19E\text{-}02 + 2.90E\text{-}06 * P - 1.18E\text{-}10 * P^2 + 1.80E\text{-}13 * P^3 - 2.35E\text{-}17 * P^4$



CONSTANT MASS STUDY
@ 244 °F
Using Bottom Hole Sample in Cylinder # L-84032809 ex 6 Gal MDT # 0051

Pressure (psig)		Relative Volume (V/Vsat) (1)	Oil Compressibility (x10^-6)(psig^-1) (2)	Y Function (psig^-1) (3)	Thermal Expansion (x10^-4)(°F^-1) (4)
6000		0.9727	13.51		5.87
5500		0.9802	15.22		6.06
5000		0.9887	17.13		6.30
4900		0.9904	17.57		6.35
4800		0.9922	18.03		6.41
4700		0.9940	18.52		6.47
4620	*	0.9956	18.97		6.54
4405	* *	1.0000	20.68		6.72
4000		1.0266		3.800	
3700		1.0516		3.691	
3400		1.0831		3.555	
3100		1.1233		3.414	
2800		1.1752		3.271	
2500		1.2432		3.133	
2200		1.3353		2.989	
1900		1.4626		2.850	
1600		1.6486		2.703	
1300		1.9701		2.462	
900		2.6405		2.374	
500		4.5695		2.188	

* Reservoir Pressure
* * Saturation Pressure

(1) Barrels at indicated pressure per barrel at saturation pressure
(2) Oil Compressibility = - (1/V) * (dV/dP)
(3) Y Function = (Psat - P) / (P)*(V/Vsat-1)
(4) Thermal Expansion = - (1/V) * (dV/dT)

DIFFERENTIAL VAPORIZATION
@ 244 °F
Using Bottom Hole Sample in Cylinder # L-84032809 ex 6 Gal MDT # 0051

Pressure (psig)		Gas-Oil Ratio (SCF/Bbl) (1)	Formation Volume Factor (Bo) (2)	(Bt) (3)	Oil Density (gm/cc)	Oil Viscosity (Centipoise)
6000		1210	1.7122	1.7122	0.6124	0.350
5500		1210	1.7253	1.7253	0.6077	0.342
5000		1210	1.7402	1.7402	0.6025	0.335
4800		1210	1.7464	1.7464	0.6004	0.332
4620	*	1210	1.7523	1.7523	0.5984	0.328
4405	**	1210	1.7601	1.7601	0.5957	0.326
3900		1027	1.6909	1.8434	0.6007	0.359
3500		899	1.6269	1.9083	0.6105	0.389
3000		749	1.5544	2.0327	0.6223	0.420
2500		612	1.4895	2.2230	0.6338	0.471
2000		486	1.4296	2.5317	0.6455	0.525
1500		369	1.3736	3.0979	0.6572	0.603
1000		256	1.3200	4.3442	0.6686	0.712
500		147	1.2651	8.2251	0.6804	0.919
0		0	1.0908		0.7503	1.282

* Reservoir Pressure
** Saturation Pressure

(1) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F.
(2) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F.
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F.

Bo and Rs

Differential Data Corrected with Optimum Separator Test

OPTIMUM SEPARATOR TEST:	Pressure (psig) :	290	Temperature (°C) :	145
	(Bofb) :	1.7330	(Rsfb) :	1226
DIFFERENTIAL :	(Bodb) :	1.7601	(Rsdb) :	1210

(2) Bo=Bod*(Bofb/Bodb)
(4) Bt=Btd*(Bofb/Bodb)
(6) Rs=Rsfb-(Rsdb-Rsd)*(Bofb/Bodb)

Pressure (psig)		(Bod) (1)	(Bo) (2)	(Btd) (3)	(Bt) (4)	(Rsd) (SCF/BBL) (5)	(Rs) (SCF/BBL) (6)
4620		1.7523	1.7253	1.7523	1.7253	1210	1226
4405	*	1.7601	1.7330	1.7601	1.7330	1210	1226
3900		1.6909	1.6648	1.8434	1.8150	1027	1046
3500		1.6269	1.6018	1.9083	1.8788	899	920
3000		1.5544	1.5305	2.0327	2.0014	749	772
2500		1.4895	1.4666	2.2230	2.1887	612	637
2000		1.4296	1.4076	2.5317	2.4927	486	513
1500		1.3736	1.3524	3.0979	3.0502	369	398
1000		1.3200	1.2996	4.3442	4.2772	256	286
500		1.2651	1.2456	8.2251	8.0983	147	180
0		1.0908	1.0908			0	0

* Saturation Pressure

(1) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F
(2) Barrels of oil at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F
(4) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(5) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F
(6) Cubic feet of gas at 14.696 psia and 60 °F per barrel of stock tank oil at 60 °F

DIFFERENTIAL VAPORIZATION
@ 244 °F
Using Bottom Hole Sample in Cylinder # L-84032809 ex 6 Gal MDT # 0051

Pressure (psi)	Formation Volume Factor (Bg) (1)	Gas Expansion Factor (E) (2)	Deviation Factor (Z)	Gas Gravity (Air=1.00)	Gas Viscosity (Centipoise) (3)
4405 *					
3900	0.00468	213.554	0.922	0.824	0.0261
3500	0.00508	196.857	0.898	0.806	0.0240
3000	0.00582	171.721	0.883	0.790	0.0216
2500	0.00689	145.214	0.871	0.780	0.0196
2000	0.00855	117.012	0.866	0.777	0.0179
1500	0.01151	86.869	0.877	0.785	0.0163
1000	0.01779	56.207	0.908	0.818	0.0149
500	0.03677	27.193	0.952	0.923	0.0135
0			1.000	1.269	0.0115

* Saturation Pressure = Reservoir Pressure

(1) Cubic feet of gas at indicated pressure and temperature per cubic foot at 14.696 psia and 60 °F
(2) Cubic feet of gas at 14.696 psia and 60 °F per cubic foot at indicated pressure and temperature
(3) Calculated from correlation of Lee, Gonzales and Eakin

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	4.75	4.80	4.91
Nitrogen	N2	0.28	0.27	0.25
Methane	C1	76.40	76.80	77.06
Ethane	C2	7.98	8.16	8.29
Propane	C3	4.49	4.50	4.50
Iso-Butane	iC4	0.80	0.78	0.77
N-Butane	nC4	1.21	1.16	1.16
Iso-Pentane	iC5	0.47	0.43	0.41
N-Pentane	nC5	0.39	0.36	0.34
Hexanes	C6	0.66	0.57	0.51
Heptanes	C7	0.93	0.79	0.70
Octanes	C8	0.49	0.44	0.39
Nonanes	C9	0.36	0.31	0.25
Decanes	C10	0.24	0.20	0.16
Undecanes	C11	0.15	0.11	0.07
Dodecanes Plus	C12+	0.40	0.32	0.23
TOTAL		100.00	100.00	100.00
Stream Properties				
Molecular Weight	:	24.24	23.72	23.27
Gravity (AIR = 1.000)	:	0.840	0.822	0.807
Gross HV (BTU/SCF)	:	1336	1307	1281
Nett HV (BTU/SCF)	:	1215	1188	1163
Wobbe Index	:	1457	1442	1426
Critical Pressure (psia)	:	672.6	674.6	676.5
Critical Temperature (°R)	:	417.9	414.5	411.7
G P M Content				
Ethane Plus	:	5.908	5.669	5.456
Propane Plus	:	3.772	3.485	3.237
Butanes Plus	:	2.534	2.244	1.996
Pentanes Plus	:	1.890	1.623	1.378
Hexanes Plus Properties				
Mol %	:	3.23	2.74	2.31
Molecular Weight	:	114.3	114.2	111.9
Density (gm/cc @ 60 °F)	:	0.7068	0.7067	0.7040
Gravity (°API @ 60 °F)	:	68.5	68.5	69.3
Heptanes Plus Properties				
Mol %	:	2.57	2.17	1.80
Molecular Weight	:	122.1	122.1	119.8
Density (gm/cc @ 60 °F)	:	0.7155	0.7156	0.7130
Gravity (°API @ 60 °F)	:	66.1	66.1	66.8
Decanes Plus Properties				
Mol %	:	0.79	0.63	0.46
Molecular Weight	:	162.7	166.1	166.2
Density (gm/cc @ 60 °F)	:	0.7534	0.7562	0.7563
Gravity (°API @ 60 °F)	:	56.1	55.4	55.4
Undecanes Plus Properties				
Mol %	:	0.55	0.43	0.30
Molecular Weight	:	175.2	181.0	183.4
Density (gm/cc @ 60 °F)	:	0.7632	0.7675	0.7693
Gravity (°API @ 60 °F)	:	53.7	52.7	52.3
Dodecanes Plus Properties				
Mol %	:	0.40	0.32	0.23
Molecular Weight	:	185.80	192.70	194.50
Density (gm/cc @ 60 °F)	:	0.77	0.78	0.78
Gravity (°API @ 60 °F)	:	51.85	50.71	50.42

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	4.98	5.20	5.48
Nitrogen	N2	0.23	0.19	0.15
Methane	C1	76.97	76.41	74.94
Ethane	C2	8.57	8.96	9.78
Propane	C3	4.61	4.78	5.17
Iso-Butane	iC4	0.77	0.79	0.81
N-Butane	nC4	1.16	1.20	1.23
Iso-Pentane	iC5	0.40	0.40	0.40
N-Pentane	nC5	0.33	0.32	0.33
Hexanes	C6	0.46	0.43	0.44
Heptanes	C7	0.63	0.58	0.57
Octanes	C8	0.35	0.32	0.32
Nonanes	C9	0.22	0.20	0.21
Decanes	C10	0.12	0.09	0.08
Undecanes	C11	0.04	0.03	0.02
Dodecanes Plus	C12+	0.16	0.10	0.07
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	22.99	22.92	23.18
Gravity (AIR = 1.000)	:	0.797	0.794	0.803
Gross HV (BTU/SCF)	:	1263	1254	1262
Nett HV (BTU/SCF)	:	1147	1138	1146
Wobbe Index	:	1415	1407	1407
Critical Pressure (psia)	:	678.0	679.7	681.1
Critical Temperature (°R)	:	410.3	410.7	414.2

GPM Content				
Ethane Plus	:	5.377	5.418	5.733
Propane Plus	:	3.083	3.020	3.116
Butanes Plus	:	1.812	1.702	1.690
Pentanes Plus	:	1.194	1.064	1.037

Hexanes Plus Properties				
Mol %	:	1.98	1.75	1.71
Molecular Weight	:	109.0	106.1	104.1
Density (gm/cc @ 60 °F)	:	0.7005	0.6969	0.6944
Gravity (°API @ 60 °F)	:	70.3	71.3	72.1

Heptanes Plus Properties				
Mol %	:	1.52	1.32	1.27
Molecular Weight	:	116.6	113.3	111.1
Density (gm/cc @ 60 °F)	:	0.7094	0.7056	0.7030
Gravity (°API @ 60 °F)	:	67.8	68.9	69.6

Decanes Plus Properties				
Mol %	:	0.32	0.22	0.17
Molecular Weight	:	164.7	160.9	156.9
Density (gm/cc @ 60 °F)	:	0.7551	0.7520	0.7487
Gravity (°API @ 60 °F)	:	55.7	56.5	57.3

Undecanes Plus Properties				
Mol %	:	0.20	0.13	0.09
Molecular Weight	:	183.2	179.5	177.3
Density (gm/cc @ 60 °F)	:	0.7691	0.7665	0.7648
Gravity (°API @ 60 °F)	:	52.3	52.9	53.3

Dodecanes Plus Properties				
Mol %	:	0.16	0.10	0.07
Molecular Weight	:	192.20	189.30	186.00
Density (gm/cc @ 60 °F)	:	0.78	0.77	0.77
Gravity (°API @ 60 °F)	:	50.79	51.27	51.82

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	5.96	6.59	5.65
Nitrogen	N2	0.08	0.04	0.01
Methane	C1	71.26	62.06	32.59
Ethane	C2	11.36	14.81	21.30
Propane	C3	6.21	9.00	22.49
Iso-Butane	iC4	0.98	1.45	4.77
N-Butane	nC4	1.44	2.14	6.94
Iso-Pentane	iC5	0.46	0.66	1.92
N-Pentane	nC5	0.38	0.54	1.42
Hexanes	C6	0.47	0.63	1.31
Heptanes	C7	0.65	0.78	1.09
Octanes	C8	0.34	0.40	0.31
Nonanes	C9	0.24	0.36	0.11
Decanes	C10	0.08	0.18	0.05
Undecanes	C11	0.03	0.10	0.03
Dodecanes Plus	C12+	0.06	0.26	0.01
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	24.17	27.23	36.00
Gravity (AIR = 1.000)	:	0.838	0.945	1.257
Gross HV (BTU/SCF)	:	1304	1455	1964
Nett HV (BTU/SCF)	:	1186	1327	1802
Wobbe Index	:	1425	1497	1753
Critical Pressure (psia)	:	682.2	680.1	658.6
Critical Temperature (°R)	:	424.9	455.0	553.6

G P M Content				
Ethane Plus	:	6.672	9.318	18.089
Propane Plus	:	3.632	5.354	12.388
Butanes Plus	:	1.920	2.872	6.186
Pentanes Plus	:	1.145	1.722	2.434

Hexanes Plus Properties				
Mol %	:	1.87	2.71	2.91
Molecular Weight	:	103.39	110.41	94.17
Density (gm/cc @ 60 °F)	:	0.69	0.70	0.68
Gravity (°API @ 60 °F)	:	72.3	69.8	76.0

Heptanes Plus Properties				
Mol %	:	1.40	2.08	1.60
Molecular Weight	:	109.90	118.41	102.51
Density (gm/cc @ 60 °F)	:	0.70	0.71	0.69
Gravity (°API @ 60 °F)	:	70.0	67.2	72.7

Decanes Plus Properties				
Mol %	:	0.17	0.54	0.09
Molecular Weight	:	153.20	157.50	143.20
Density (gm/cc @ 60 °F)	:	0.75	0.75	0.74
Gravity (°API @ 60 °F)	:	58.1	57.2	60.4

Undecanes Plus Properties				
Mol %	:	0.09	0.36	0.04
Molecular Weight	:	170.27	169.24	154.70
Density (gm/cc @ 60 °F)	:	0.76	0.76	0.75
Gravity (°API @ 60 °F)	:	54.6	54.8	57.8

Dodecanes Plus Properties				
Mol %	:	0.06	0.26	0.01
Molecular Weight	:	189.30	181.90	177.80
Density (gm/cc @ 60 °F)	:	0.77	0.77	0.77
Gravity (°API @ 60 °F)	:	51.27	52.52	53.25

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	3.48	3.36	3.19
Nitrogen	N2	0.10	0.09	0.07
Methane	C1	43.63	40.76	36.65
Ethane	C2	7.51	7.46	7.36
Propane	C3	5.72	5.83	5.98
Iso-Butane	iC4	1.27	1.32	1.38
N-Butane	nC4	2.08	2.15	2.27
Iso-Pentane	iC5	0.92	0.96	1.02
N-Pentane	nC5	0.78	0.82	0.87
Hexanes	C6	1.76	1.87	2.02
Heptanes	C7	3.53	3.77	4.11
Octanes	C8	2.05	2.19	2.39
Nonanes	C9	2.08	2.24	2.46
Decanes	C10	1.76	1.89	2.09
Undecanes	C11	1.35	1.46	1.61
Dodecanes Plus	C12+	21.98	23.86	26.53
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	85.1	90.5	98.1
Density obs. (gm/cc)	:	0.6039	0.6105	0.6194
Gravity (°API @ 60 °F)	:	102.6	100.1	96.7

Hexanes Plus Properties

Mol %	:	34.50	37.26	41.22
Molecular Weight	:	233.9	234.7	235.5
Density (gm/cc @ 60 °F)	:	0.8328	0.8333	0.8338
Gravity (°API @ 60 °F)	:	38.2	38.1	38.0

Heptanes Plus Properties

Mol %	:	32.74	35.39	39.19
Molecular Weight	:	244.5	245.2	245.8
Density (gm/cc @ 60 °F)	:	0.8374	0.8378	0.8381
Gravity (°API @ 60 °F)	:	37.3	37.2	37.2

Decanes Plus Properties

Mol %	:	25.08	27.20	30.23
Molecular Weight	:	267.1	267.3	267.5
Density (gm/cc @ 60 °F)	:	0.8445	0.8447	0.8448
Gravity (°API @ 60 °F)	:	35.9	35.9	35.8

Undecanes Plus Properties

Mol %	:	23.33	25.31	28.14
Molecular Weight	:	278.4	278.6	278.7
Density (gm/cc @ 60 °F)	:	0.8475	0.8476	0.8477
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	21.98	23.86	26.53
Molecular Weight	:	288.6	288.7	288.8
Density (gm/cc @ 60 °F)	:	0.8500	0.8501	0.8501
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	2.98	2.72	2.38
Nitrogen	N2	0.05	0.03	0.02
Methane	C1	32.01	26.75	20.80
Ethane	C2	7.23	7.02	6.68
Propane	C3	6.13	6.29	6.43
Iso-Butane	iC4	1.45	1.53	1.62
N-Butane	nC4	2.39	2.54	2.70
Iso-Pentane	iC5	1.09	1.17	1.27
N-Pentane	nC5	0.93	1.01	1.09
Hexanes	C6	2.20	2.41	2.65
Heptanes	C7	4.51	4.98	5.52
Octanes	C8	2.62	2.90	3.22
Nonanes	C9	2.72	3.02	3.37
Decanes	C10	2.31	2.58	2.89
Undecanes	C11	1.79	2.00	2.25
Dodecanes Plus	C12+	29.56	33.05	37.13
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	106.7	116.6	128.2
Density obs. (gm/cc)	:	0.6288	0.6390	0.6499
Gravity (°API @ 60 °F)	:	93.3	89.7	86.0

Hexanes Plus Properties

Mol %	:	45.73	50.94	57.02
Molecular Weight	:	236.1	236.6	237.1
Density (gm/cc @ 60 °F)	:	0.8341	0.8344	0.8347
Gravity (°API @ 60 °F)	:	38.0	37.9	37.9

Heptanes Plus Properties

Mol %	:	43.53	48.53	54.36
Molecular Weight	:	246.3	246.8	247.1
Density (gm/cc @ 60 °F)	:	0.8384	0.8386	0.8389
Gravity (°API @ 60 °F)	:	37.1	37.1	37.0

Decanes Plus Properties

Mol %	:	33.67	37.63	42.26
Molecular Weight	:	267.6	267.7	267.7
Density (gm/cc @ 60 °F)	:	0.8448	0.8449	0.8449
Gravity (°API @ 60 °F)	:	35.8	35.8	35.8

Undecanes Plus Properties

Mol %	:	31.35	35.06	39.37
Molecular Weight	:	278.7	278.8	278.8
Density (gm/cc @ 60 °F)	:	0.8477	0.8477	0.8478
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	29.56	33.05	37.13
Molecular Weight	:	288.9	288.9	288.9
Density (gm/cc @ 60 °F)	:	0.8501	0.8502	0.8502
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	1.89	1.19	0.05
Nitrogen	N2	0.01	0.00	0.00
Methane	C1	13.94	6.76	0.17
Ethane	C2	6.04	4.74	0.51
Propane	C3	6.46	6.09	1.90
Iso-Butane	iC4	1.70	1.74	0.97
N-Butane	nC4	2.87	2.98	1.97
Iso-Pentane	iC5	1.38	1.49	1.37
N-Pentane	nC5	1.19	1.28	1.25
Hexanes	C6	2.95	3.30	3.80
Heptanes	C7	6.19	6.99	8.50
Octanes	C8	3.61	4.09	5.05
Nonanes	C9	3.79	4.30	5.37
Decanes	C10	3.27	3.73	4.67
Undecanes	C11	2.55	2.91	3.65
Dodecanes Plus	C12+	42.17	48.42	60.77
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	142.3	159.5	191.0
Density obs. (gm/cc)	:	0.6622	0.6759	0.6981
Gravity (°API @ 60 °F)	:	82.0	77.7	71.0

Hexanes Plus Properties

Mol %	:	64.52	73.74	91.82
Molecular Weight	:	237.6	238.3	239.5
Density (gm/cc @ 60 °F)	:	0.8350	0.8354	0.8360
Gravity (°API @ 60 °F)	:	37.8	37.7	37.6

Heptanes Plus Properties

Mol %	:	61.57	70.44	88.01
Molecular Weight	:	247.6	248.1	248.8
Density (gm/cc @ 60 °F)	:	0.8391	0.8394	0.8397
Gravity (°API @ 60 °F)	:	37.0	36.9	36.8

Decanes Plus Properties

Mol %	:	47.98	55.06	69.09
Molecular Weight	:	267.8	267.9	268.0
Density (gm/cc @ 60 °F)	:	0.8449	0.8450	0.8451
Gravity (°API @ 60 °F)	:	35.8	35.8	35.8

Undecanes Plus Properties

Mol %	:	44.71	51.33	64.42
Molecular Weight	:	278.8	279.0	279.0
Density (gm/cc @ 60 °F)	:	0.8478	0.8478	0.8478
Gravity (°API @ 60 °F)	:	35.2	35.2	35.2

Dodecanes Plus Properties

Mol %	:	42.17	48.42	60.77
Molecular Weight	:	288.9	289.0	289.0
Density (gm/cc @ 60 °F)	:	0.8502	0.8502	0.8502
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

SEPARATOR TEST

On Bottom Hole Reservoir Fluid from Zone 5 @ 3243.0 m in Cylinder # 84032809

SEPARATOR Pressure (psig)	SEPARATOR Temperature (°F)	GAS/OIL Ratio (1)	DENSITY (@ 60 °F) °API	DENSITY (@ 60 °F) (gm/cc)	VOLUME Factor (2)	SHRINKAGE Factor (3)	GAS Gravity (Air = 1)
Test # 1							
290	145	1110				0.868	0.766
TO							
7	136	106				0.960	1.287
TO							
0	136	9	42.2	0.8140	1.733	0.965	1.694
	Total GOR	1225					

(1) Gas/Oil Ratio is reported as cubic feet of gas @ 14.696 psia and 60 °F per barrel of stock tank oil @ 60 °F
(2) Formation Volume Factor is reported as barrels of saturated oil @ 4405 psig and 244°F per barrel of stock tank oil @ 60 °F
(3) Shrinkage Factor is reported as barrels of stock tank oil at @ 60 °F per barrel of separator liquid at separator conditions

COMPOSITIONS OF GASES LIBERATED DURING SEPARATOR TEST

		First Stage Separator	Second Stage Separator	Stock Tank
Pressure (psig):		290	7	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H_2S	0.00	0.00	0.00
Carbon Dioxide	CO_2	4.68	4.27	2.31
Nitrogen	N_2	0.16	0.06	0.02
Methane	C1	76.02	34.36	10.48
Ethane	C2	10.13	18.22	15.19
Propane	C3	5.63	21.70	31.44
Iso-Butane	iC4	0.89	5.05	9.03
N-Butane	nC4	1.26	8.20	16.10
Iso-Pentane	iC5	0.35	2.39	5.09
N-Pentane	nC5	0.27	1.88	3.85
Hexanes	C6	0.25	1.85	3.76
Heptanes	C7	0.22	1.45	2.43
Octanes	C8	0.07	0.40	0.21
Nonanes	C9	0.04	0.11	0.07
Decanes	C10	0.03	0.05	0.02
Undecanes	C11	0.00	0.01	0.00
Dodecanes Plus	C12+	0.00	0.00	0.00
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	22.11	36.83	48.02
Gravity (AIR = 1.000)	:	0.766	1.287	1.694
Gross HV (BTU/SCF)	:	1224	2045	2728
Nett HV (BTU/SCF)	:	1110	1876	2514
Wobbe Index	:	1398	1803	2096
Critical Pressure (psia)	:	680.9	646.3	603.4
Critical Temperature (°R)	:	407.4	558.4	666.7
GPM Content				
Ethane Plus	:	5.437	18.257	26.657
Propane Plus	:	2.726	13.381	22.592
Butanes Plus	:	1.173	7.397	13.922
Pentanes Plus	:	0.484	3.156	5.884
Heptanes Plus Properties				
Mol %	:	0.36	2.02	2.73
Molecular Weight	:	104.1	100.7	97.8
Density (gm/cc @ 60 °F)	:	0.7360	0.7317	0.7269
Gravity (°API @ 60 °F)	:	60.6	61.7	63.0
Octanes Plus Properties				
Mol %	:	0.14	0.57	0.30
Molecular Weight	:	116.8	112.8	112.1
Density (gm/cc @ 60 °F)	:	0.7514	0.7467	0.7450
Gravity (°API @ 60 °F)	:	56.6	57.8	58.3
Decanes Plus Properties				
Mol %	:	0.03	0.06	0.02
Molecular Weight	:	134.0	136.167	134.0
Density (gm/cc @ 60 °F)	:	0.7701	0.7723	0.7693
Gravity (°API @ 60 °F)	:	52.1	51.5	52.3
Undecanes Plus Properties				
Mol %	:	0.00	0.01	0.00
Molecular Weight	:	--	147	--
Density (gm/cc @ 60 °F)	:	--	0.78303	--
Gravity (°API @ 60 °F)	:	--	49.0358	--
Dodecanes Plus Properties				
Molecular Weight	:	--	--	--
Density (gm/cc @ 60 °F)	:	--	--	--
Gravity (°API @ 60 °F)	:	--	--	--

RELATIVE VOLUME

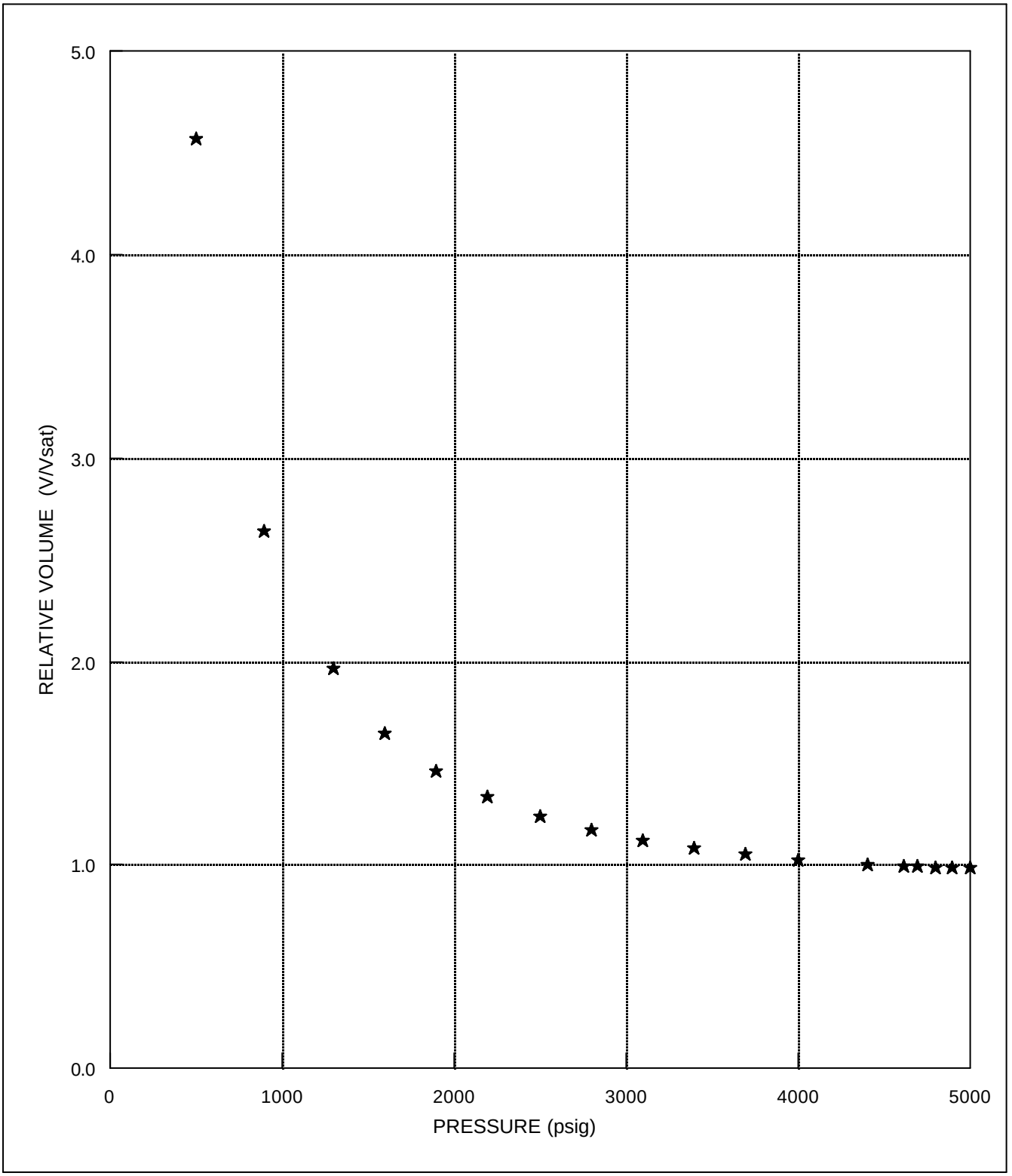
Equation of best fit

ABOVE Psat

RV = +1.18E+00 -6.78E-05 * P +7.83E-09 * P^2 -3.76E-13 * P^3 +0.00E+00 * P^4

BELOW Psat

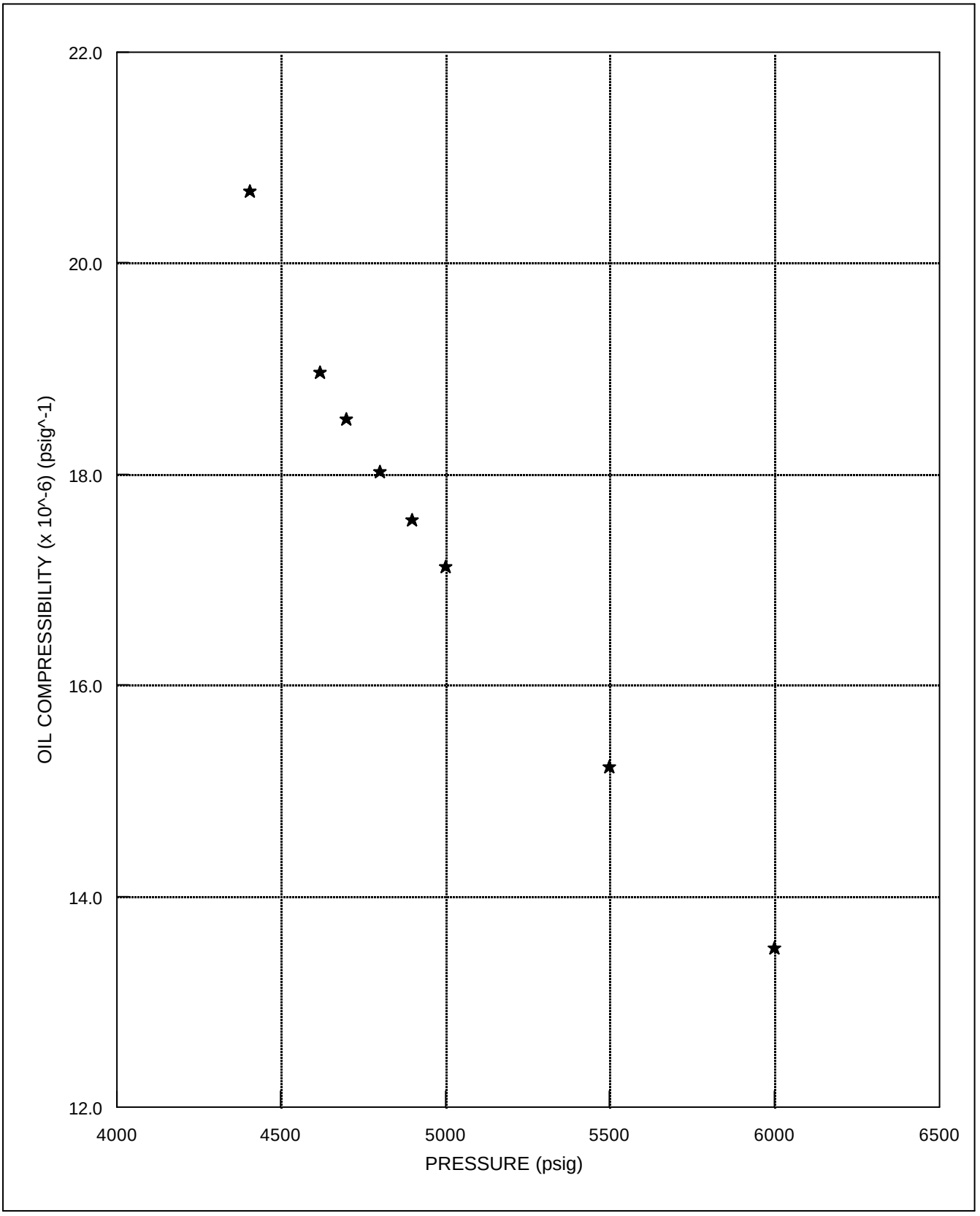
RV = +8.49E+00 -1.06E-02 * P +5.91E-06 * P^2 -1.47E-09 * P^3 +1.35E-13 * P^4



OIL COMPRESSIBILITY

Equation of best fit

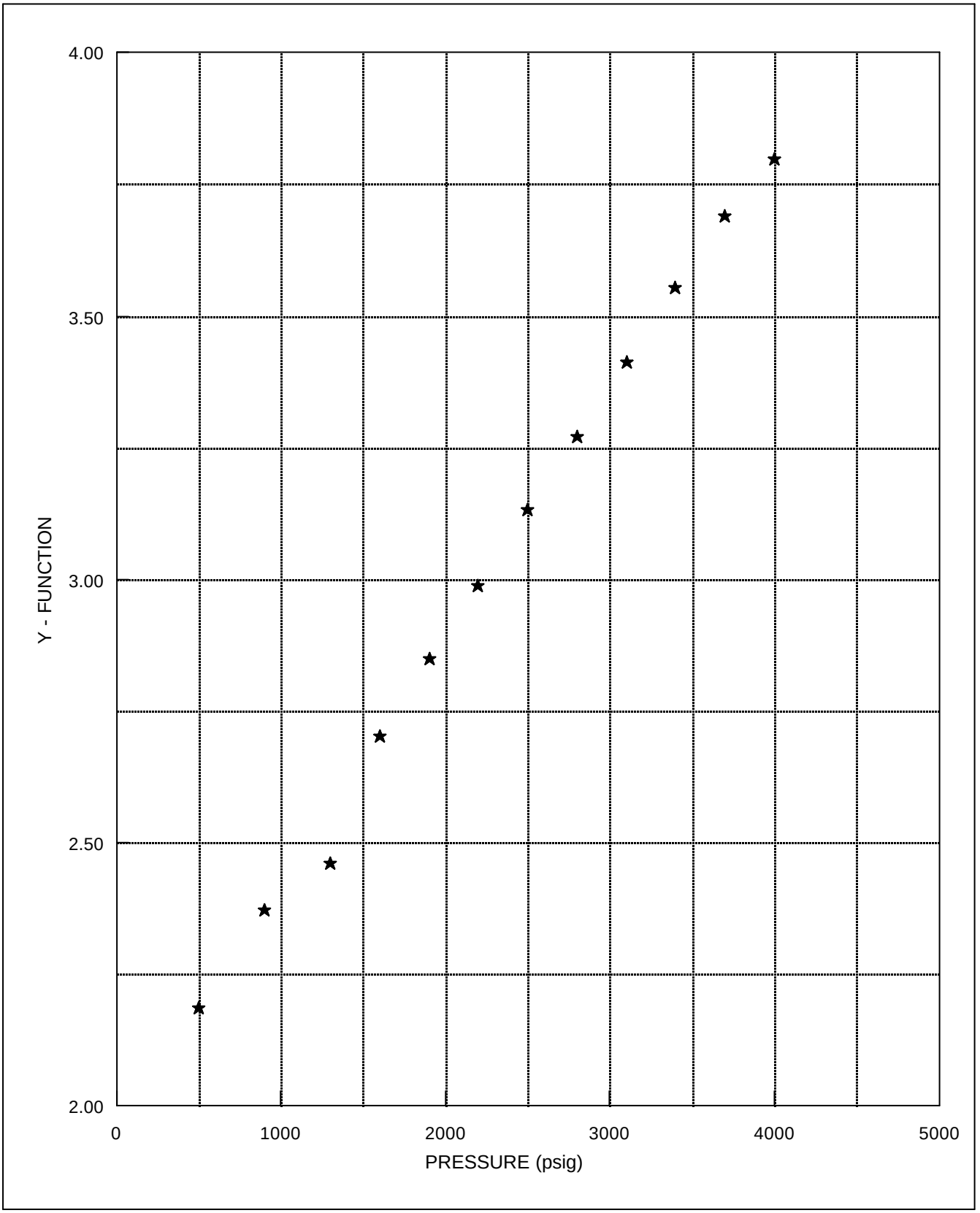
Co = +2.56E+02 -1.25E-01 * P +2.20E-05 * P^2 -1.33E-09 * P^3 +0.00E+00 * P^4



Y - FUNCTION

Equation of best fit

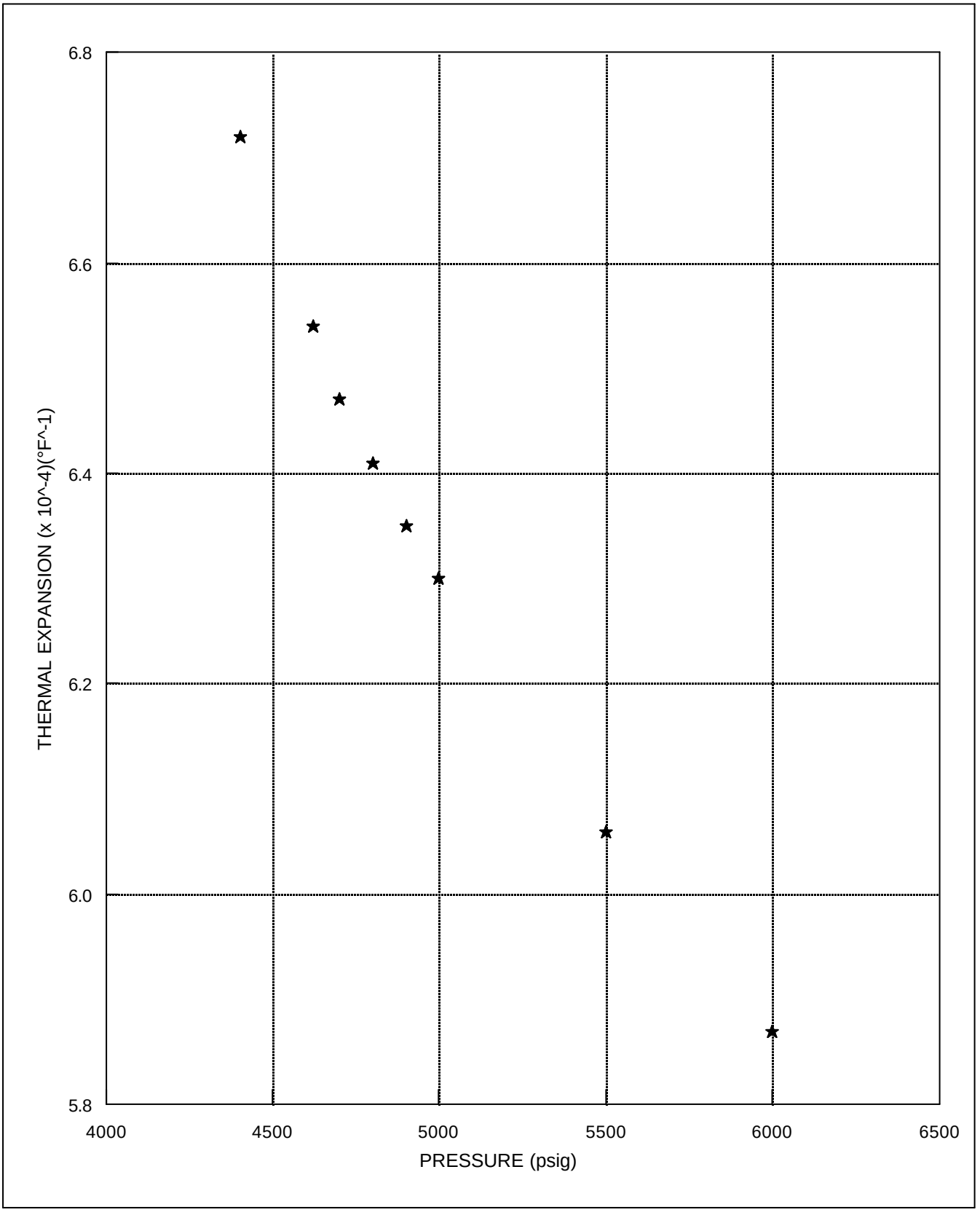
Y = +1.92E+00 +4.85E-04 * P



OIL THERMAL EXPANSION

Equation of best fit

TE = +2.75E+01 -1.05E-02 * P +1.77E-06 * P^2 -1.03E-10 * P^3 +0.00E+00 * P^4

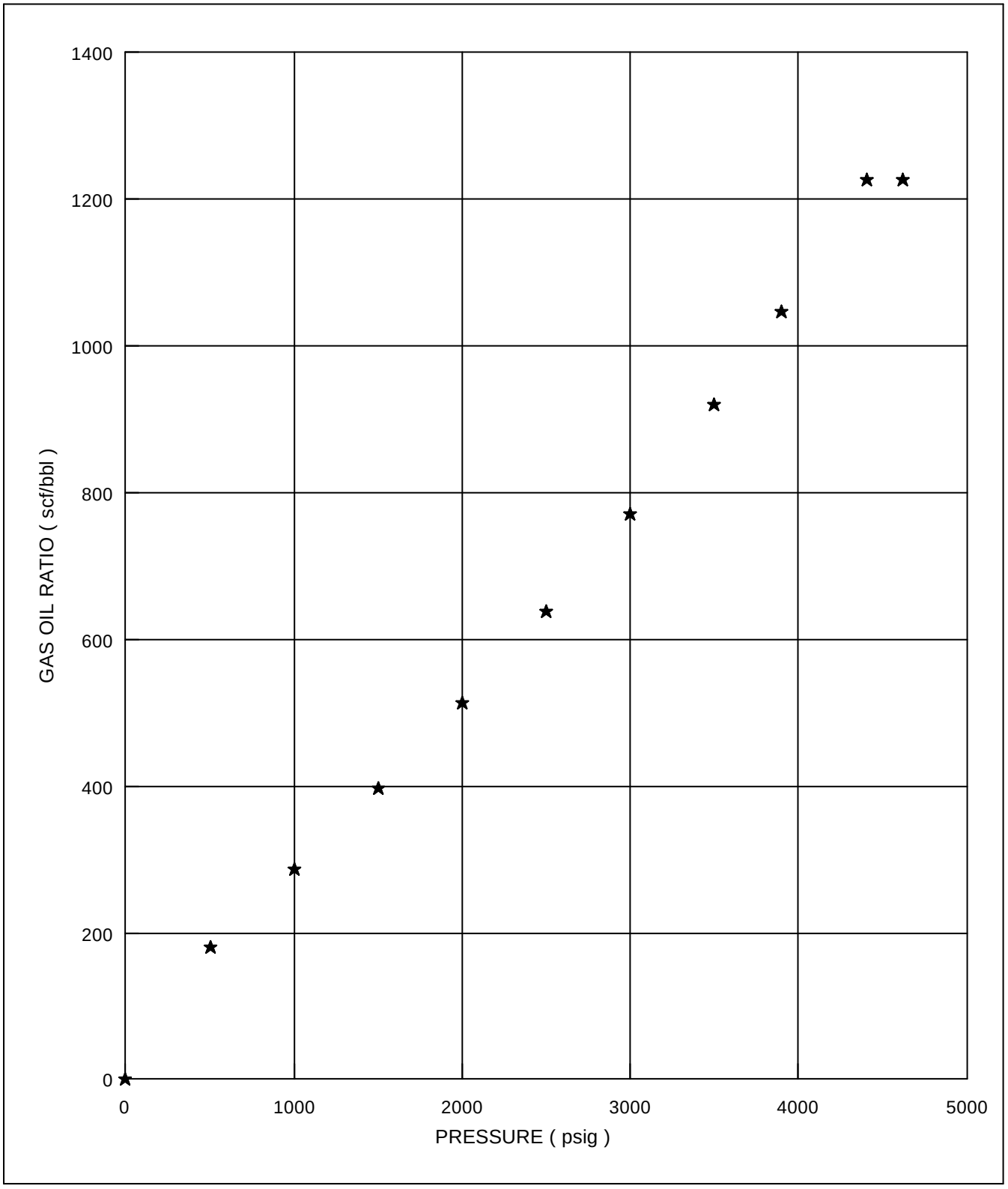


GAS - OIL RATIO

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

GOR = +4.48E+00 +3.77E-01 * P -1.22E-04 * P^2 +3.67E-08 * P^3 -3.22E-12 * P^4

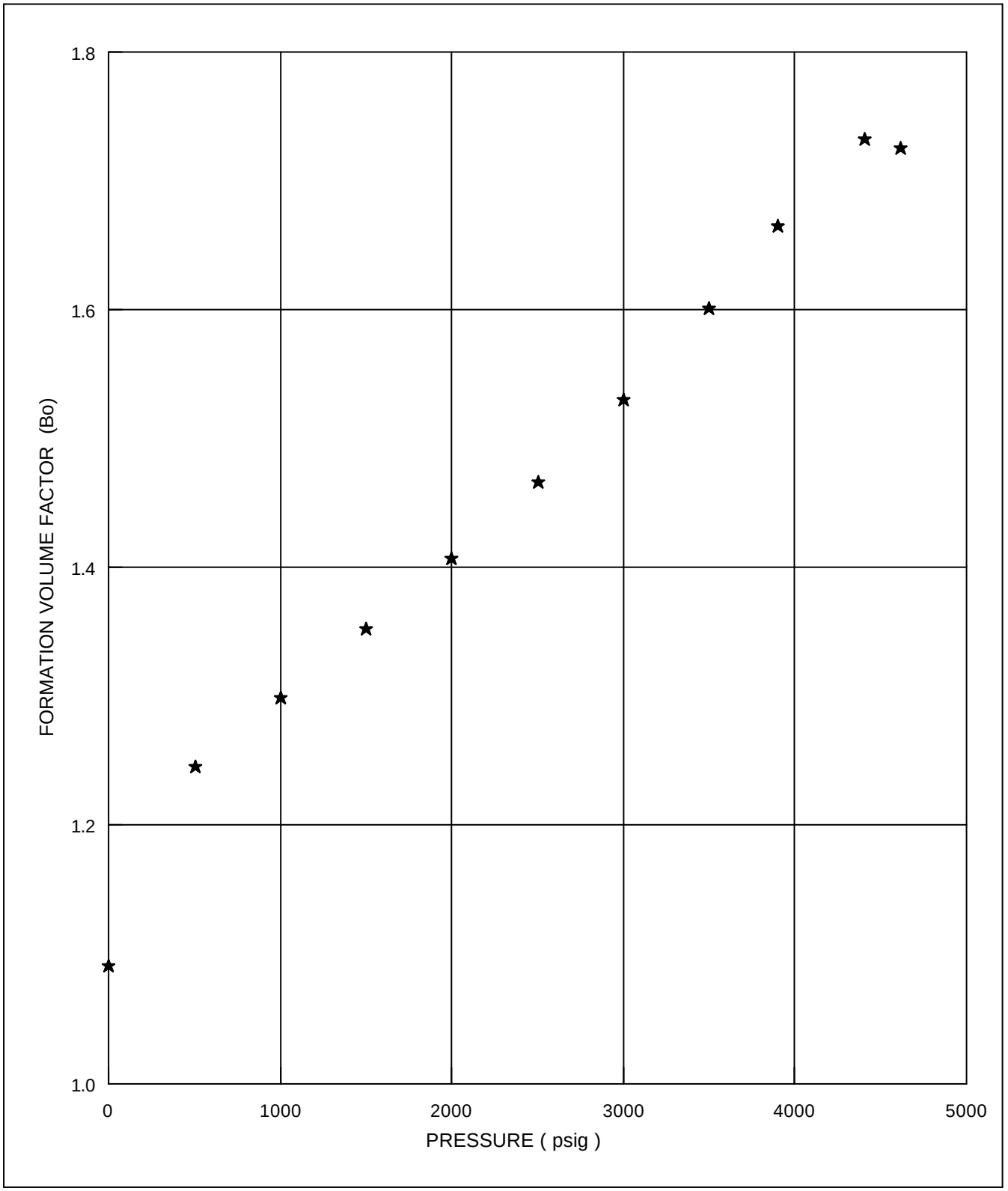


OIL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bo = +1.10E+00 +3.49E-04 * P -1.87E-07 * P^2 +5.59E-11 * P^3 -5.45E-15 * P^4

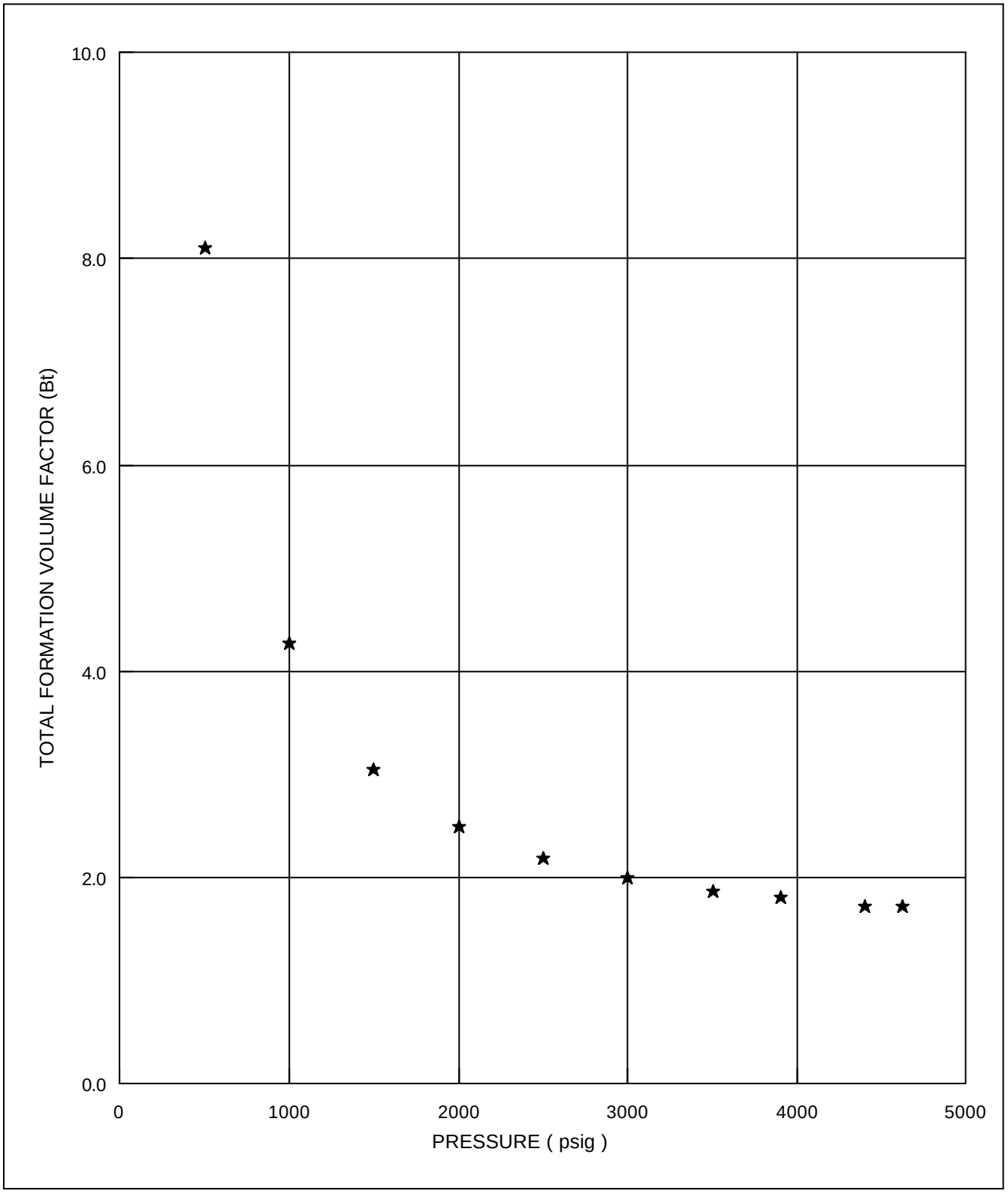


TOTAL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bt = +1.47E+01 -1.74E-02 * P +9.14E-06 * P^2 -2.10E-09 * P^3 +1.76E-13 * P^4



OIL DENSITY

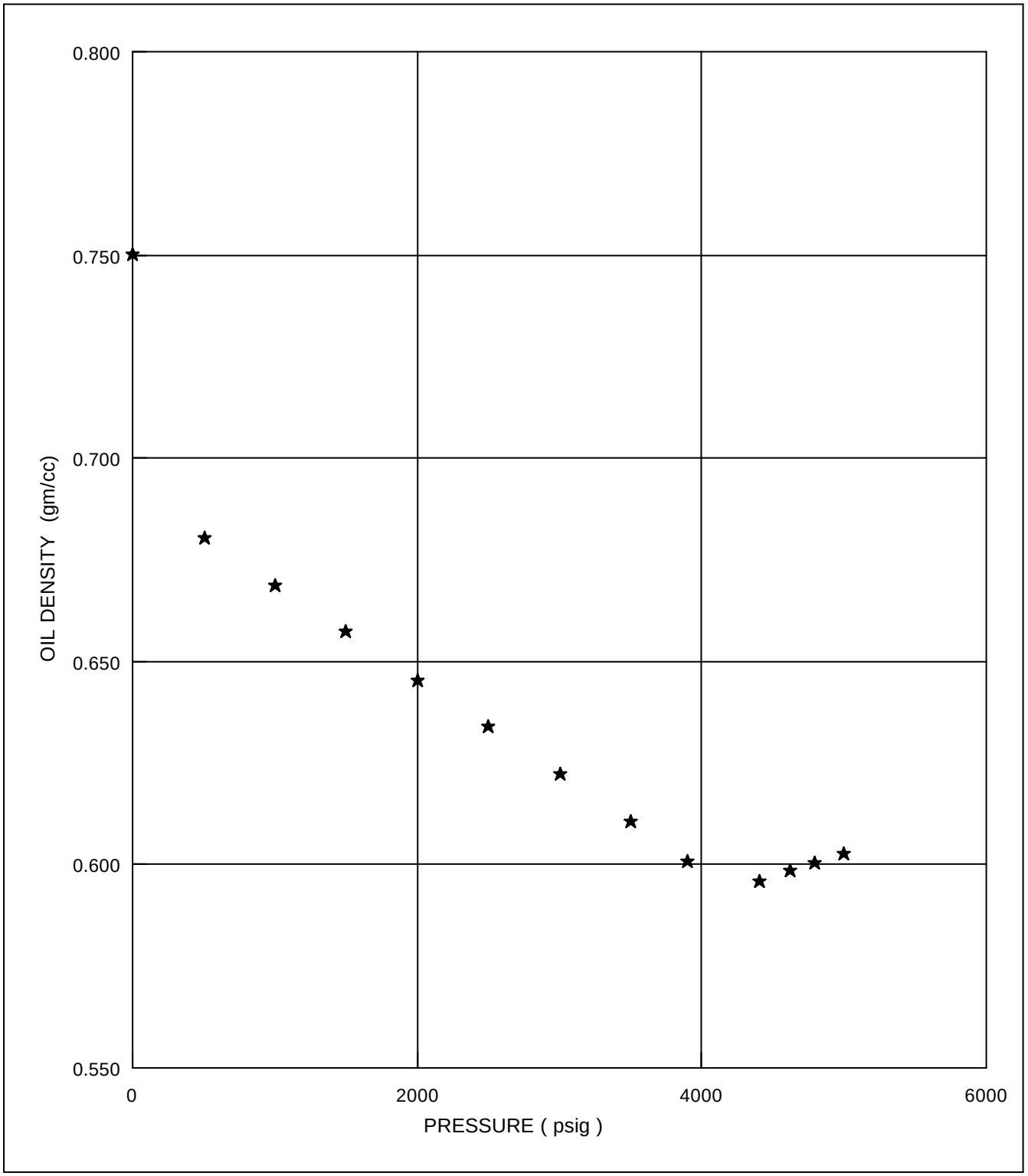
Equation of best fit

ABOVE Psat

Þ = +4.99E-01 +3.52E-05 * P -3.74E-09 * P^2 +1.74E-13 * P^3 +0.00E+00 * P^4

BELOW Psat

Þ = +7.47E-01 -1.58E-04 * P +1.01E-07 * P^2 -2.95E-11 * P^3 +2.93E-15 * P^4



OIL VISCOSITY

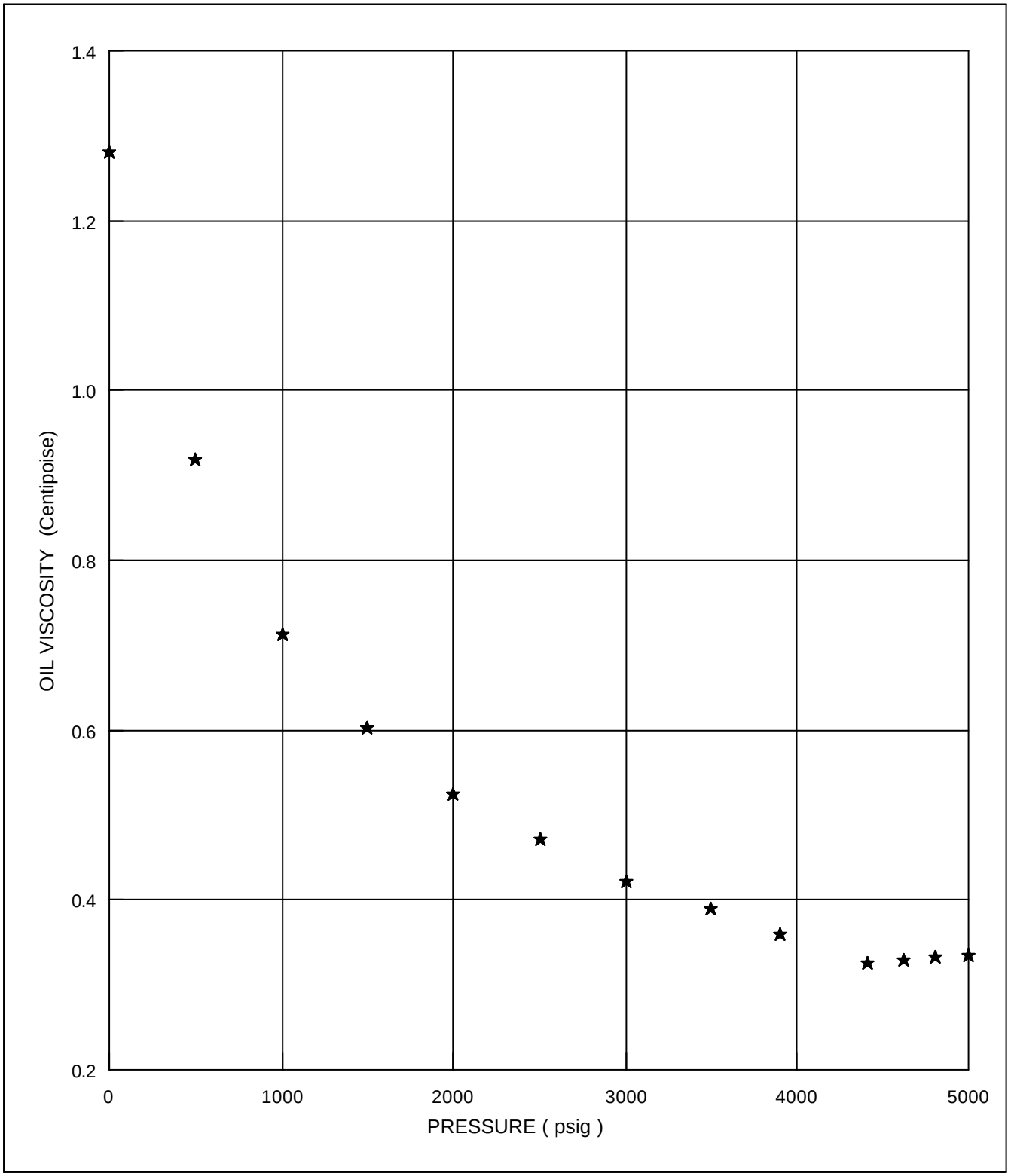
Equation of best fit

ABOVE Psat

$\mu o = +2.98E\text{-}01 - 6.39E\text{-}06 * P + 3.90E\text{-}09 * P^2 - 2.29E\text{-}13 * P^3 + 0.00E+00 * P^4$

BELOW Psat

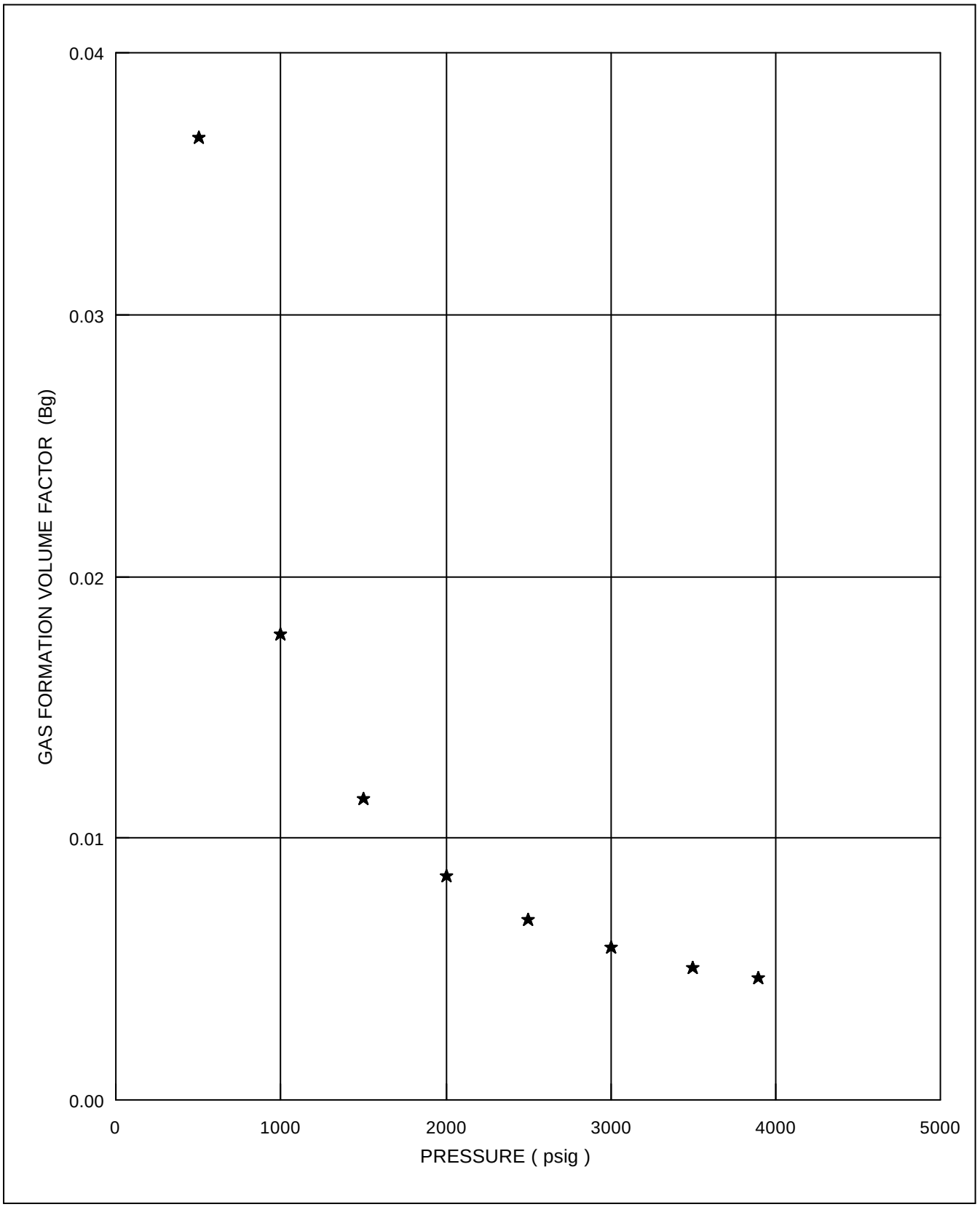
$\mu o = +1.28E+00 - 9.17E\text{-}04 * P + 4.49E\text{-}07 * P^2 - 1.10E\text{-}10 * P^3 + 1.02E\text{-}14 * P^4$



GAS FORMATION VOLUME FACTOR

Equation of best fit

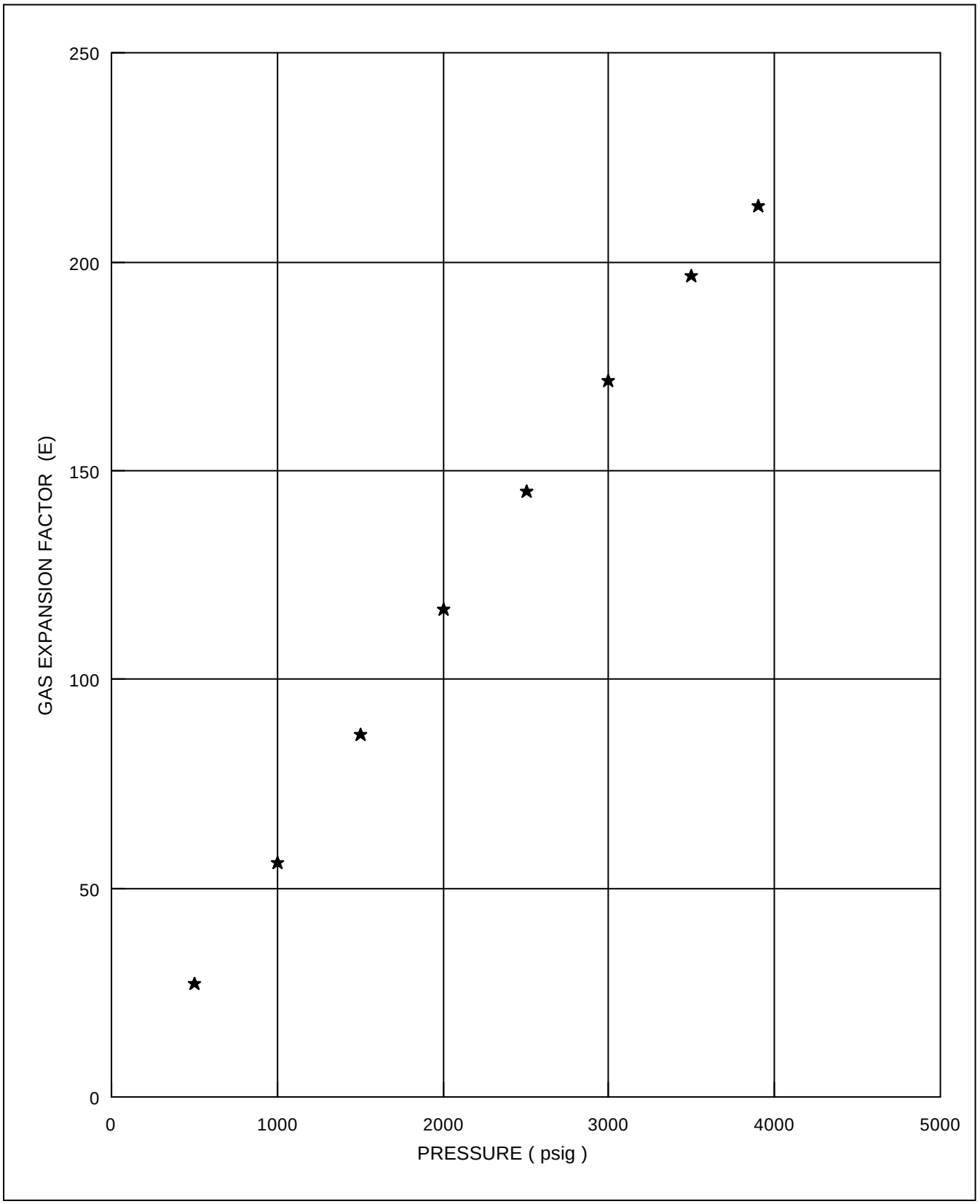
Bg = +7.28E-02 -9.65E-05 * P +5.46E-08 * P^2 -1.38E-11 * P^3 +1.28E-15 * P^4



GAS EXPANSION FACTOR

Equation of best fit

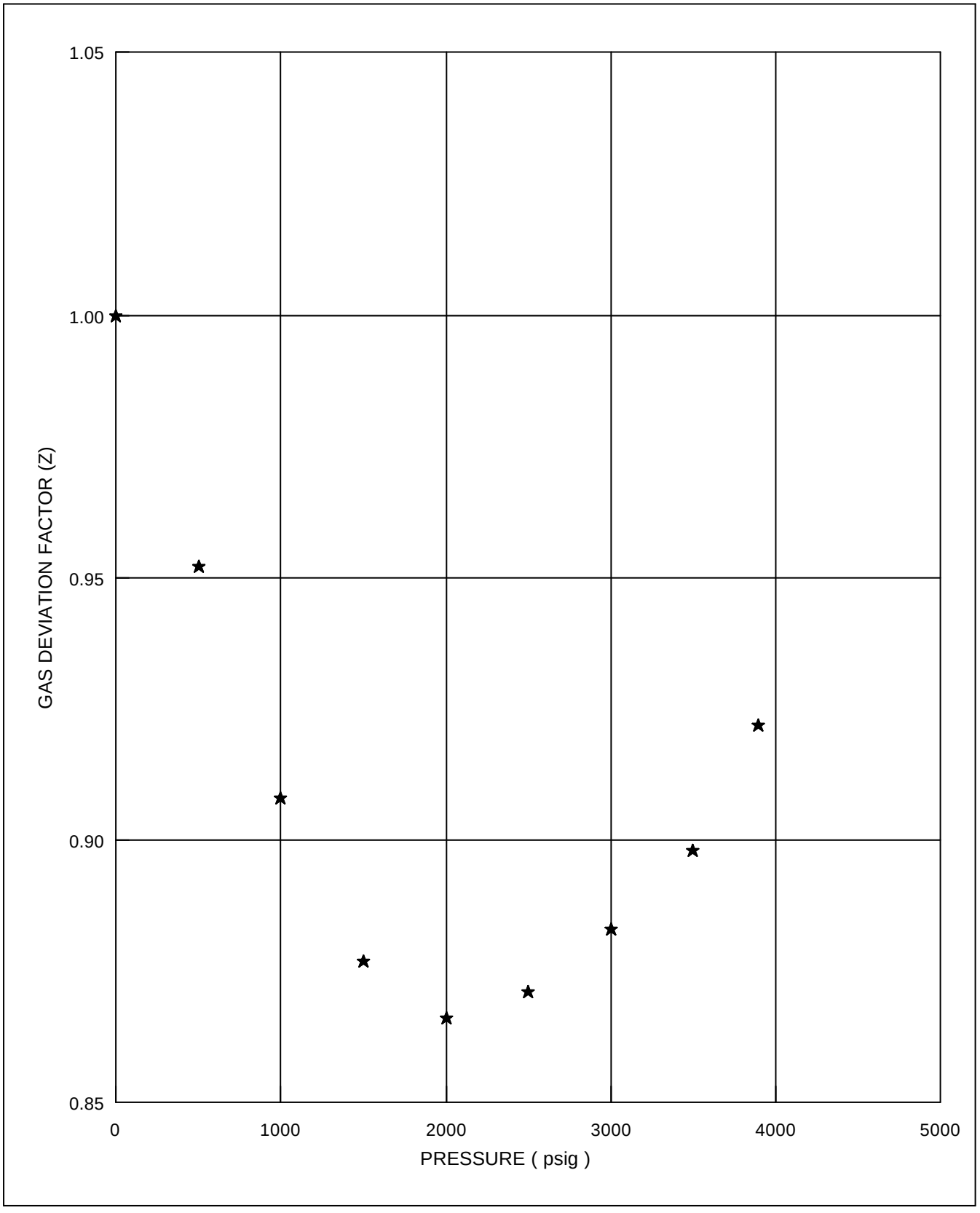
E = -4.19E-02 +5.10E-02 * P +7.65E-06 * P^2 -2.27E-09 * P^3 +1.44E-13 * P^4



GAS DEVIATION FACTOR

Equation of best fit

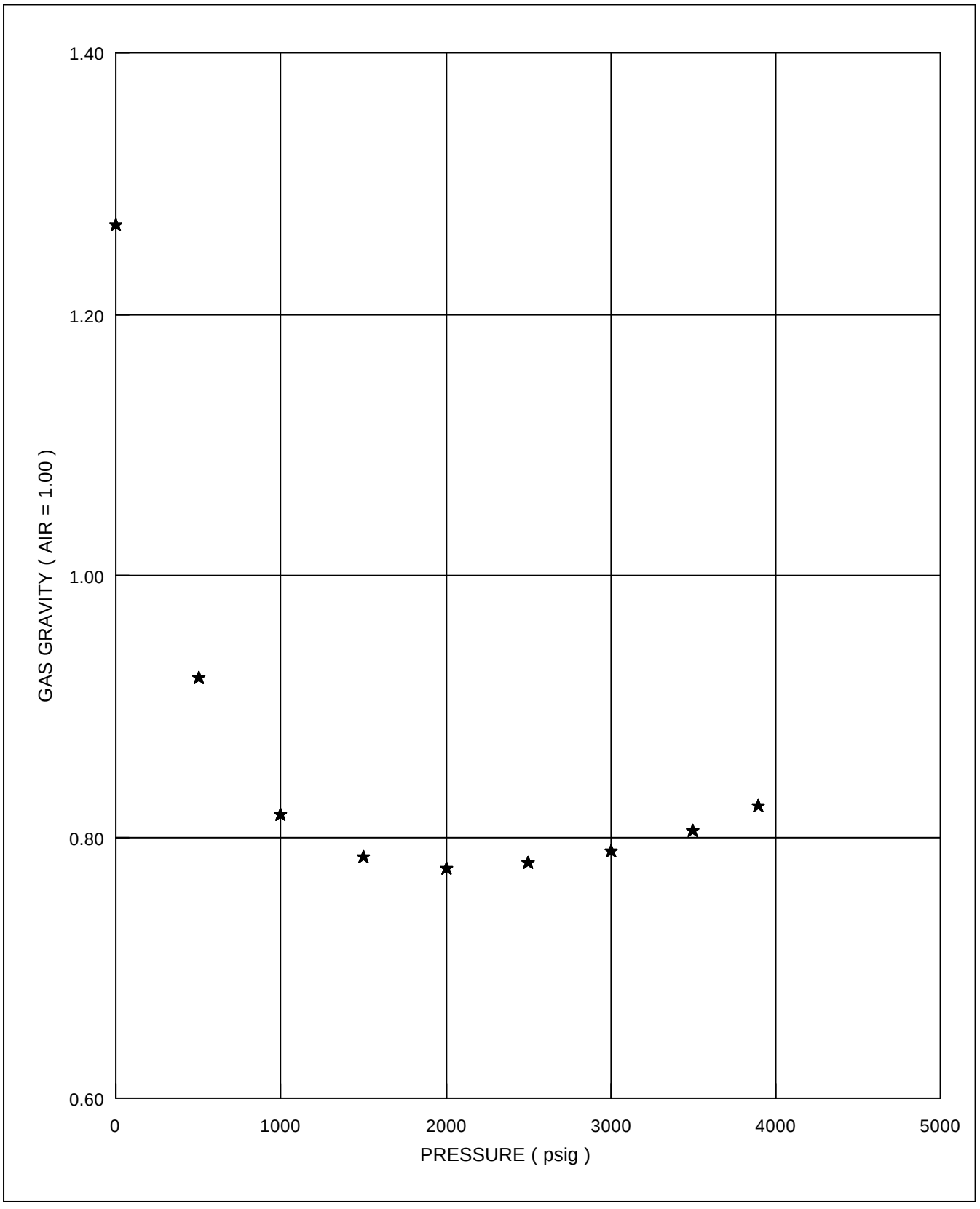
Z = +1.00E+00 -1.09E-04 * P +8.72E-09 * P^2 +8.82E-12 * P^3 -1.34E-15 * P^4



GAS GRAVITY

Equation of best fit

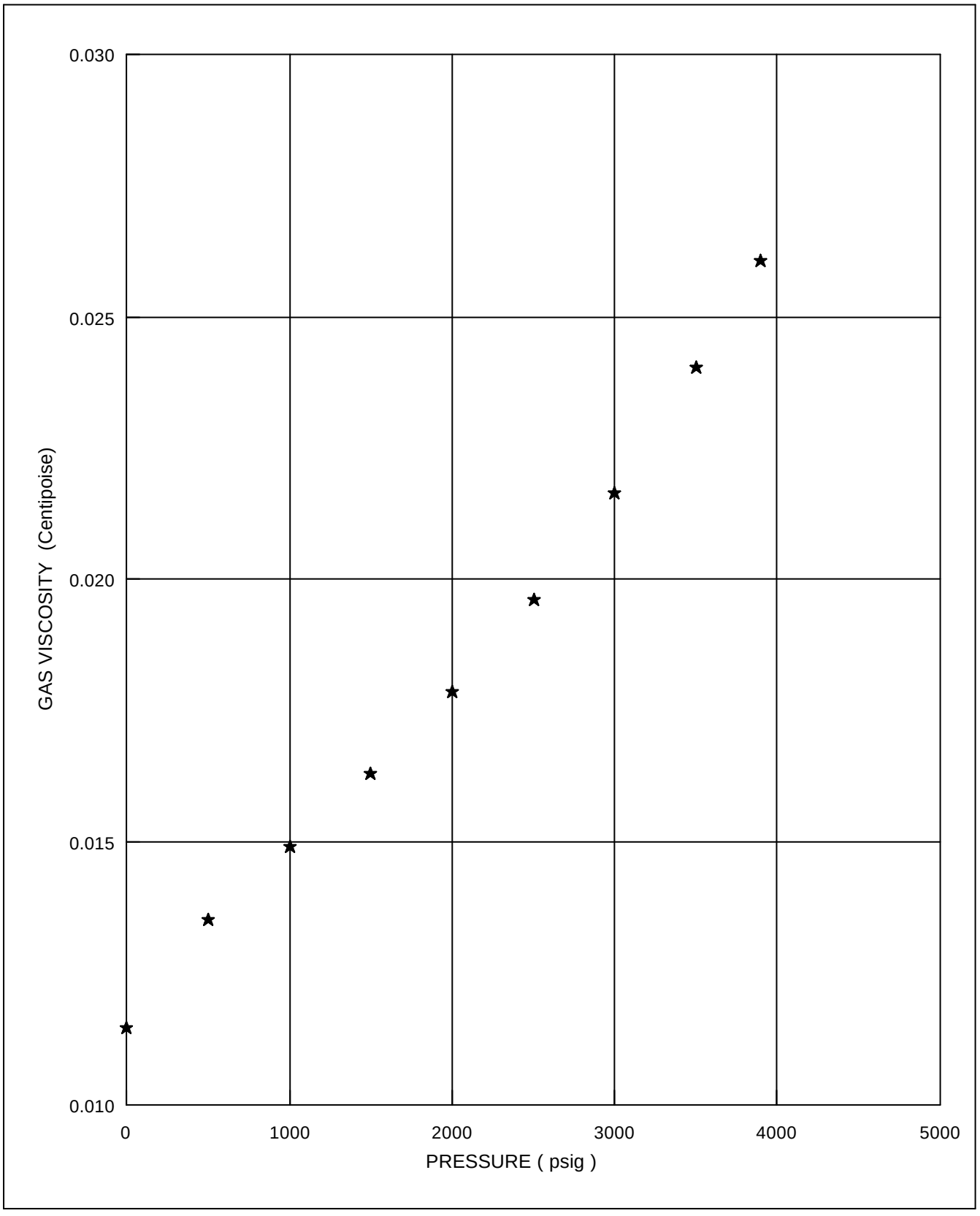
GG = +1.13E+00 -5.50E-04 * P +3.12E-07 * P^2 -7.70E-11 * P^3 +7.17E-15 * P^4



GAS VISCOSITY

Equation of best fit

$\mu g = +1.19E\text{-}02 + 3.51E\text{-}06 * P - 8.18E\text{-}10 * P^2 + 3.29E\text{-}13 * P^3 - 2.86E\text{-}17 * P^4$



CONSTANT MASS STUDY
@ 246 °F
Using Bottom Hole Sample in Cylinder # L-84062304 ex MPSR # 0187

Pressure (psig)		Relative Volume (V/Vsat) (1)	Oil Compressibility (x10^-6)(psig^-1) (2)	Y Function (psig^-1) (3)	Thermal Expansion (x10^-4)(°F^-1) (4)
6000		0.9760	12.18		5.46
5800		0.9786	12.96		5.53
5600		0.9813	13.74		5.59
5400		0.9841	14.59		5.66
5200		0.9872	15.31		5.74
5000		0.9904	16.25		5.82
4680	*	0.9962	18.23		6.00
4490	* *	1.0000	19.99		6.16
4000		1.0364		3.362	
3700		1.0658		3.244	
3400		1.1025		3.129	
3100		1.1489		3.011	
2800		1.2088		2.891	
2500		1.2872		2.772	
2200		1.3925		2.652	
1900		1.5382		2.533	
1600		1.7473		2.417	
1300		2.0678		2.298	
900		2.8657		2.138	
500		5.0303		1.980	

* Reservoir Pressure
* * Saturation Pressure

(1) Barrels at indicated pressure per barrel at saturation pressure
(2) Oil Compressibility = - (1/V) * (dV/dP)
(3) Y Function = (Psat - P) / (P)*(V/Vsat-1)
(4) Thermal Expansion = - (1/V) * (dV/dT)

DIFFERENTIAL VAPORIZATION
@ 246 °F
Using Bottom Hole Sample in Cylinder # L-84062304 ex MPSR # 0187

Pressure (psig)		Gas-Oil Ratio (SCF/Bbl) (1)	Formation Volume Factor (Bo) (2)	(Bt) (3)	Oil Density (gm/cc)	Oil Viscosity (Centipoise)
6000		1177	1.6449	1.6449	0.6311	0.346
5500		1177	1.6561	1.6561	0.6268	0.334
5000		1177	1.6691	1.6691	0.6220	0.320
4800		1177	1.6751	1.6751	0.6197	0.313
4680	*	1177	1.6788	1.6788	0.6183	0.310
4490	**	1177	1.6852	1.6852	0.6160	0.305
4000		976	1.5996	1.7642	0.6274	0.332
3500		830	1.5315	1.8502	0.6393	0.360
3000		703	1.4722	1.9718	0.6509	0.393
2500		572	1.4146	2.1667	0.6624	0.430
2000		454	1.3629	2.4769	0.6735	0.475
1500		344	1.3153	3.0419	0.6841	0.537
1000		240	1.2712	4.2572	0.6938	0.618
500		126	1.2190	8.1100	0.7059	0.723
0		0	1.0890		0.7607	1.291

* Reservoir Pressure
** Saturation Pressure

(1) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F.
(2) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F.
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F.

Bo and Rs

Differential Data Corrected with Optimum Separator Test

OPTIMUM SEPARATOR TEST:	Pressure (psig) :	290	Temperature (°C) :	145
	(Bofb) :	1.6310	(Rsfb) :	1039
DIFFERENTIAL :	(Bodb) :	1.6852	(Rsdb) :	1177

(2) Bo=Bod*(Bofb/Bodb)
(4) Bt=Btd*(Bofb/Bodb)
(6) Rs=Rsfb-(Rsdb-Rsd)*(Bofb/Bodb)

Pressure (psig)		(Bod) (1)	(Bo) (2)	(Btd) (3)	(Bt) (4)	(Rsd) (SCF/BBL) (5)	(Rs) (SCF/BBL) (6)
4680		1.6788	1.6248	1.6788	1.6248	1177	1039
4490	*	1.6852	1.6310	1.6852	1.6310	1177	1039
4000		1.5996	1.5481	1.7642	1.7074	976	845
3500		1.5315	1.4822	1.8502	1.7907	830	704
3000		1.4722	1.4248	1.9718	1.9084	703	581
2500		1.4146	1.3690	2.1667	2.0970	572	454
2000		1.3629	1.3190	2.4769	2.3972	454	339
1500		1.3153	1.2729	3.0419	2.9440	344	233
1000		1.2712	1.2303	4.2572	4.1202	240	132
500		1.2190	1.1798	8.1100	7.8490	126	22
0		1.0890	1.0890			0	0

* Saturation Pressure

(1) Barrels of oil at indicated pressure and temperature per barrel of residual oil at 60 °F
(2) Barrels of oil at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(3) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of residual oil at 60 °F
(4) Barrels of oil plus liberated gas at indicated pressure and temperature per barrel of stock tank oil at 60 °F
(5) Cubic feet of gas at 14.696 psia and 60 °F per barrel of residual oil at 60 °F
(6) Cubic feet of gas at 14.696 psia and 60 °F per barrel of stock tank oil at 60 °F

DIFFERENTIAL VAPORIZATION
@ 246 °F
Using Bottom Hole Sample in Cylinder # L-84062304 ex MPSR # 0187

Pressure (psi)	Formation Volume Factor (Bg) (1)	Gas Expansion Factor (E) (2)	Deviation Factor (Z)	Gas Gravity (Air=1.00)	Gas Viscosity (Centipoise) (3)
4490 *					
4000	0.00461	216.884	0.928	0.793	0.0258
3500	0.00516	193.628	0.910	0.769	0.0232
3000	0.00592	168.866	0.895	0.752	0.0211
2500	0.00699	143.098	0.881	0.744	0.0193
2000	0.00865	115.563	0.874	0.744	0.0177
1500	0.01164	85.901	0.884	0.756	0.0163
1000	0.01789	55.901	0.910	0.782	0.0150
500	0.03682	27.161	0.950	0.867	0.0138
0			1.000	1.119	0.0121

* Saturation Pressure = Reservoir Pressure

(1) Cubic feet of gas at indicated pressure and temperature per cubic foot at 14.696 psia and 60 °F
(2) Cubic feet of gas at 14.696 psia and 60 °F per cubic foot at indicated pressure and temperature
(3) Calculated from correlation of Lee, Gonzales and Eakin

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	2.88	2.88	2.94
Nitrogen	N2	0.26	0.24	0.22
Methane	C1	80.18	81.08	81.38
Ethane	C2	7.56	7.59	7.86
Propane	C3	3.54	3.42	3.40
Iso-Butane	iC4	0.55	0.53	0.52
N-Butane	nC4	1.17	1.07	1.04
Iso-Pentane	iC5	0.38	0.33	0.30
N-Pentane	nC5	0.43	0.37	0.34
Hexanes	C6	0.60	0.56	0.50
Heptanes	C7	0.91	0.78	0.67
Octanes	C8	0.58	0.47	0.37
Nonanes	C9	0.55	0.37	0.24
Decanes	C10	0.27	0.20	0.13
Undecanes	C11	0.08	0.06	0.05
Dodecanes Plus	C12+	0.06	0.05	0.04
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	22.87	22.18	21.71
Gravity (AIR = 1.000)	:	0.793	0.769	0.752
Gross HV (BTU/SCF)	:	1307	1271	1244
Nett HV (BTU/SCF)	:	1188	1153	1129
Wobbe Index	:	1468	1449	1435
Critical Pressure (psia)	:	666.8	668.9	670.8
Critical Temperature (°R)	:	406.9	401.8	398.7

GPM Content				
Ethane Plus	:	5.239	4.870	4.670
Propane Plus	:	3.216	2.839	2.566
Butanes Plus	:	2.240	1.896	1.628
Pentanes Plus	:	1.691	1.384	1.130

Hexanes Plus Properties				
Mol %	:	3.05	2.49	2.00
Molecular Weight	:	106.7	105.3	103.8
Density (gm/cc @ 60 °F)	:	0.6977	0.6959	0.6940
Gravity (°API @ 60 °F)	:	71.1	71.6	72.2

Heptanes Plus Properties				
Mol %	:	2.45	1.93	1.50
Molecular Weight	:	112.3	111.5	110.3
Density (gm/cc @ 60 °F)	:	0.7044	0.7035	0.7021
Gravity (°API @ 60 °F)	:	69.2	69.4	69.8

Decanes Plus Properties				
Mol %	:	0.41	0.31	0.22
Molecular Weight	:	144.1	146.0	148.0
Density (gm/cc @ 60 °F)	:	0.7374	0.7391	0.7409
Gravity (°API @ 60 °F)	:	60.2	59.8	59.3

Undecanes Plus Properties				
Mol %	:	0.14	0.11	0.09
Molecular Weight	:	163.6	167.8	168.1
Density (gm/cc @ 60 °F)	:	0.7542	0.7575	0.7578
Gravity (°API @ 60 °F)	:	55.9	55.1	55.1

Dodecanes Plus Properties				
Mol %	:	0.06	0.05	0.04
Molecular Weight	:	185.80	192.70	194.50
Density (gm/cc @ 60 °F)	:	0.77	0.78	0.78
Gravity (°API @ 60 °F)	:	51.85	50.71	50.42

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	3.07	3.21	3.39
Nitrogen	N2	0.20	0.18	0.15
Methane	C1	81.20	80.54	78.93
Ethane	C2	8.17	8.60	9.49
Propane	C3	3.56	3.85	4.28
Iso-Butane	iC4	0.52	0.54	0.58
N-Butane	nC4	1.05	1.09	1.18
Iso-Pentane	iC5	0.27	0.26	0.27
N-Pentane	nC5	0.30	0.28	0.30
Hexanes	C6	0.45	0.42	0.42
Heptanes	C7	0.59	0.52	0.49
Octanes	C8	0.28	0.22	0.24
Nonanes	C9	0.18	0.16	0.17
Decanes	C10	0.09	0.08	0.07
Undecanes	C11	0.04	0.03	0.03
Dodecanes Plus	C12+	0.03	0.02	0.01
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	21.48	21.47	21.81
Gravity (AIR = 1.000)	:	0.744	0.744	0.756
Gross HV (BTU/SCF)	:	1229	1225	1240
Nett HV (BTU/SCF)	:	1114	1111	1125
Wobbe Index	:	1425	1421	1426
Critical Pressure (psia)	:	672.5	673.7	674.5
Critical Temperature (°R)	:	397.6	398.4	402.6

GPM Content				
Ethane Plus	:	4.615	4.721	5.117
Propane Plus	:	2.428	2.419	2.577
Butanes Plus	:	1.446	1.357	1.397
Pentanes Plus	:	0.945	0.836	0.835

Hexanes Plus Properties				
Mol %	:	1.66	1.45	1.43
Molecular Weight	:	102.3	101.4	100.9
Density (gm/cc @ 60 °F)	:	0.6922	0.6909	0.6902
Gravity (°API @ 60 °F)	:	72.7	73.1	73.3

Heptanes Plus Properties				
Mol %	:	1.21	1.03	1.01
Molecular Weight	:	109.2	108.5	107.9
Density (gm/cc @ 60 °F)	:	0.7007	0.6999	0.6991
Gravity (°API @ 60 °F)	:	70.2	70.5	70.7

Decanes Plus Properties				
Mol %	:	0.16	0.13	0.11
Molecular Weight	:	148.2	145.5	142.3
Density (gm/cc @ 60 °F)	:	0.7411	0.7387	0.7357
Gravity (°API @ 60 °F)	:	59.3	59.9	60.6

Undecanes Plus Properties				
Mol %	:	0.07	0.05	0.04
Molecular Weight	:	166.4	163.9	156.8
Density (gm/cc @ 60 °F)	:	0.7564	0.7544	0.7485
Gravity (°API @ 60 °F)	:	55.4	55.9	57.4

Dodecanes Plus Properties				
Mol %	:	0.03	0.02	0.01
Molecular Weight	:	192.20	189.30	186.00
Density (gm/cc @ 60 °F)	:	0.78	0.77	0.77
Gravity (°API @ 60 °F)	:	50.79	51.27	51.82

COMPOSITIONAL ANALYSIS OF GASES
LIBERATED DURING DIFFERENTIAL VAPORIZATION

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	3.57	4.05	4.01
Nitrogen	N2	0.12	0.10	0.04
Methane	C1	76.21	67.88	41.99
Ethane	C2	10.80	14.20	22.45
Propane	C3	4.98	7.34	17.99
Iso-Butane	iC4	0.67	1.02	3.04
N-Butane	nC4	1.31	2.06	6.02
Iso-Pentane	iC5	0.35	0.54	1.19
N-Pentane	nC5	0.38	0.60	1.14
Hexanes	C6	0.45	0.72	0.91
Heptanes	C7	0.58	0.83	0.83
Octanes	C8	0.28	0.32	0.28
Nonanes	C9	0.19	0.23	0.10
Decanes	C10	0.06	0.06	0.01
Undecanes	C11	0.03	0.03	0.00
Dodecanes Plus	C12+	0.02	0.02	0.00
TOTAL		100.00	100.00	100.00
Stream Properties				
Molecular Weight	:	22.58	25.00	32.14
Gravity (AIR = 1.000)	:	0.782	0.867	1.119
Gross HV (BTU/SCF)	:	1277	1398	1793
Nett HV (BTU/SCF)	:	1160	1272	1641
Wobbe Index	:	1444	1501	1695
Critical Pressure (psia)	:	674.4	673.0	661.9
Critical Temperature (°R)	:	410.8	436.6	517.7
G P M Content				
Ethane Plus	:	5.868	8.180	15.598
Propane Plus	:	2.978	4.380	9.590
Butanes Plus	:	1.605	2.356	4.629
Pentanes Plus	:	0.973	1.372	1.734
Hexanes Plus Properties				
Mol %	:	1.61	2.21	2.13
Molecular Weight	:	100.94	98.75	93.67
Density (gm/cc @ 60 °F)	:	0.69	0.69	0.68
Gravity (°API @ 60 °F)	:	73.3	74.1	76.2
Heptanes Plus Properties				
Mol %	:	1.16	1.49	1.22
Molecular Weight	:	107.52	105.88	100.89
Density (gm/cc @ 60 °F)	:	0.70	0.70	0.69
Gravity (°API @ 60 °F)	:	70.8	71.4	73.3
Decanes Plus Properties				
Mol %	:	0.11	0.11	0.01
Molecular Weight	:	146.25	145.51	134.00
Density (gm/cc @ 60 °F)	:	0.74	0.74	0.73
Gravity (°API @ 60 °F)	:	59.7	59.9	62.7
Undecanes Plus Properties				
Mol %	:	0.05	0.05	0.00
Molecular Weight	:	160.96	159.32	--
Density (gm/cc @ 60 °F)	:	0.75	0.75	--
Gravity (°API @ 60 °F)	:	56.5	56.8	--
Dodecanes Plus Properties				
Mol %	:	0.02	0.02	0.00
Molecular Weight	:	189.30	181.90	--
Density (gm/cc @ 60 °F)	:	0.77	0.77	--
Gravity (°API @ 60 °F)	:	51.27	52.52	--

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		3900	3500	3000
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	2.09	2.01	1.92
Nitrogen	N2	0.10	0.09	0.08
Methane	C1	45.46	41.85	38.02
Ethane	C2	7.27	7.24	7.18
Propane	C3	4.68	4.81	4.95
Iso-Butane	iC4	0.89	0.92	0.96
N-Butane	nC4	1.99	2.08	2.18
Iso-Pentane	iC5	0.86	0.92	0.98
N-Pentane	nC5	1.06	1.13	1.21
Hexanes	C6	1.57	1.67	1.78
Heptanes	C7	3.44	3.71	4.00
Octanes	C8	2.47	2.67	2.90
Nonanes	C9	2.52	2.74	2.98
Decanes	C10	1.77	1.92	2.10
Undecanes	C11	1.25	1.37	1.50
Dodecanes Plus	C12+	22.58	24.87	27.27
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	84.2	90.5	97.2
Density obs. (gm/cc)	:	0.6255	0.6336	0.6418
Gravity (°API @ 60 °F)	:	94.5	91.6	88.8

Hexanes Plus Properties

Mol %	:	35.60	38.95	42.53
Molecular Weight	:	234.0	234.8	235.4
Density (gm/cc @ 60 °F)	:	0.8329	0.8333	0.8337
Gravity (°API @ 60 °F)	:	38.2	38.1	38.1

Heptanes Plus Properties

Mol %	:	34.03	37.28	40.75
Molecular Weight	:	244.6	245.3	245.8
Density (gm/cc @ 60 °F)	:	0.8374	0.8378	0.8380
Gravity (°API @ 60 °F)	:	37.3	37.2	37.2

Decanes Plus Properties

Mol %	:	25.60	28.16	30.87
Molecular Weight	:	267.0	267.1	267.2
Density (gm/cc @ 60 °F)	:	0.8445	0.8445	0.8446
Gravity (°API @ 60 °F)	:	35.9	35.9	35.9

Undecanes Plus Properties

Mol %	:	23.83	26.24	28.77
Molecular Weight	:	278.2	278.3	278.3
Density (gm/cc @ 60 °F)	:	0.8474	0.8474	0.8475
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	22.58	24.87	27.27
Molecular Weight	:	288.4	288.4	288.4
Density (gm/cc @ 60 °F)	:	0.8499	0.8499	0.8499
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		2500	2000	1500
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	1.79	1.63	1.43
Nitrogen	N2	0.06	0.05	0.04
Methane	C1	33.25	27.99	22.12
Ethane	C2	7.07	6.90	6.60
Propane	C3	5.10	5.24	5.35
Iso-Butane	iC4	1.01	1.06	1.12
N-Butane	nC4	2.31	2.45	2.59
Iso-Pentane	iC5	1.06	1.14	1.24
N-Pentane	nC5	1.31	1.42	1.55
Hexanes	C6	1.93	2.10	2.29
Heptanes	C7	4.38	4.81	5.31
Octanes	C8	3.18	3.51	3.89
Nonanes	C9	3.29	3.63	4.03
Decanes	C10	2.32	2.57	2.86
Undecanes	C11	1.66	1.84	2.05
Dodecanes Plus	C12+	30.28	33.65	37.53
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	105.5	114.9	125.6
Density obs. (gm/cc)	:	0.6513	0.6613	0.6720
Gravity (°API @ 60 °F)	:	85.5	82.3	78.9

Hexanes Plus Properties

Mol %	:	47.04	52.12	57.96
Molecular Weight	:	236.0	236.4	236.8
Density (gm/cc @ 60 °F)	:	0.8340	0.8342	0.8344
Gravity (°API @ 60 °F)	:	38.0	38.0	37.9

Heptanes Plus Properties

Mol %	:	45.11	50.02	55.67
Molecular Weight	:	246.2	246.5	246.8
Density (gm/cc @ 60 °F)	:	0.8383	0.8384	0.8386
Gravity (°API @ 60 °F)	:	37.1	37.1	37.1

Decanes Plus Properties

Mol %	:	34.26	38.06	42.43
Molecular Weight	:	267.3	267.3	267.4
Density (gm/cc @ 60 °F)	:	0.8446	0.8446	0.8446
Gravity (°API @ 60 °F)	:	35.9	35.9	35.9

Undecanes Plus Properties

Mol %	:	31.94	35.49	39.58
Molecular Weight	:	278.3	278.4	278.4
Density (gm/cc @ 60 °F)	:	0.8475	0.8475	0.8475
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	30.28	33.65	37.53
Molecular Weight	:	288.5	288.5	288.5
Density (gm/cc @ 60 °F)	:	0.8499	0.8499	0.8499
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

COMPOSITIONAL ANALYSIS OF
DIFFERENTIALLY DEPLETED LIQUIDS

Pressure (psig):		1000	500	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	1.17	0.72	0.05
Nitrogen	N2	0.03	0.02	0.01
Methane	C1	15.47	7.38	0.25
Ethane	C2	6.08	4.83	1.19
Propane	C3	5.40	5.10	2.44
Iso-Butane	iC4	1.17	1.20	0.82
N-Butane	nC4	2.75	2.85	2.20
Iso-Pentane	iC5	1.35	1.48	1.54
N-Pentane	nC5	1.69	1.86	2.01
Hexanes	C6	2.52	2.79	3.18
Heptanes	C7	5.89	6.67	7.88
Octanes	C8	4.33	4.95	5.92
Nonanes	C9	4.51	5.17	6.21
Decanes	C10	3.20	3.69	4.44
Undecanes	C11	2.30	2.65	3.19
Dodecanes Plus	C12+	42.14	48.64	58.67
TOTAL		100.00	100.00	100.00

Stream Properties

Molecular Weight	:	138.3	155.8	181.3
Density obs. (gm/cc)	:	0.6837	0.6985	0.7177
Gravity (°API @ 60 °F)	:	75.3	70.9	65.5

Hexanes Plus Properties

Mol %	:	64.88	74.56	89.50
Molecular Weight	:	237.2	237.8	238.5
Density (gm/cc @ 60 °F)	:	0.8346	0.8350	0.8353
Gravity (°API @ 60 °F)	:	37.9	37.8	37.7

Heptanes Plus Properties

Mol %	:	62.37	71.77	86.31
Molecular Weight	:	247.1	247.6	248.0
Density (gm/cc @ 60 °F)	:	0.8387	0.8390	0.8392
Gravity (°API @ 60 °F)	:	37.0	37.0	37.0

Decanes Plus Properties

Mol %	:	47.64	54.97	66.31
Molecular Weight	:	267.4	267.4	267.4
Density (gm/cc @ 60 °F)	:	0.8447	0.8447	0.8447
Gravity (°API @ 60 °F)	:	35.9	35.9	35.9

Undecanes Plus Properties

Mol %	:	44.43	51.29	61.86
Molecular Weight	:	278.4	278.4	278.4
Density (gm/cc @ 60 °F)	:	0.8475	0.8475	0.8474
Gravity (°API @ 60 °F)	:	35.3	35.3	35.3

Dodecanes Plus Properties

Mol %	:	42.14	48.64	58.67
Molecular Weight	:	288.5	288.5	288.5
Density (gm/cc @ 60 °F)	:	0.8499	0.8499	0.8499
Gravity (°API @ 60 °F)	:	34.8	34.8	34.8

SEPARATOR TEST

On Bottom Hole Reservoir Fluid from Zone 6 @ 3289.3 m in Cylinder # 84062304

SEPARATOR Pressure (psig)	SEPARATOR Temperature (°F)	GAS/OIL Ratio (1)	DENSITY (@ 60 °F) °API	DENSITY (@ 60 °F) (gm/cc)	VOLUME Factor (2)	SHRINKAGE Factor (3)	GAS Gravity (Air = 1)
Test # 1							
270	167	1049				0.910	0.757
TO							
0	167	84	39.3	0.8279	1.666	0.953	1.184
	Total GOR	1133					
Test # 2							
290	145	944				0.879	0.738
TO							
7	136	84				0.959	1.202
TO							
0	136	11	39.4	0.8272	1.631	0.966	1.591
	Total GOR	1039					

(1) Gas/Oil Ratio is reported as cubic feet of gas @ 14.696 psia and 60 °F per barrel of stock tank oil @ 60 °F
(2) Formation Volume Factor is reported as barrels of saturated oil @ 4490 psig and 246°F per barrel of stock tank oil @ 60 °F
(3) Shrinkage Factor is reported as barrels of stock tank oil at @ 60 °F per barrel of separator liquid at separator conditions

COMPOSITIONAL ANALYSIS OF LIBERATED GASES
FROM LABORATORY SEPARATOR TEST @ 270 psig

Component		Separator Gas Mol %	Stock Tank Gas Mol %
Hydrogen Sulphide	H2S	0.00	0.00
Carbon Dioxide	CO2	3.32	3.39
Nitrogen	N2	0.26	0.10
Methane	C1	77.64	41.34
Ethane	C2	10.10	19.35
Propane	C3	4.97	18.41
Iso-Butane	iC4	0.74	3.60
N-Butane	nC4	1.31	6.82
Iso-Pentane	iC5	0.34	1.62
N-Pentane	nC5	0.35	1.64
Hexanes	C6	0.36	1.57
Heptanes	C7	0.36	1.58
Octanes	C8	0.13	0.53
Nonanes	C9	0.09	0.04
Decanes	C10	0.02	0.01
Undecanes	C11	0.01	0.00
Dodecanes Plus	C12+	0.00	0.00
TOTAL		100.00	100.00

Stream Properties			
Molecular Weight	:	21.85	33.96
Gravity (AIR = 1.000)	:	0.757	1.184
Gross HV (BTU/SCF)	:	1242	1907
Nett HV (BTU/SCF)	:	1127	1748
Wobbe Index	:	1427	1753
Critical Pressure (psia)	:	674.7	650.5
Critical Temperature (°R)	:	404.5	531.0

G P M Content			
Ethane Plus	:	5.393	16.315
Propane Plus	:	2.690	11.136
Butanes Plus	:	1.319	6.059
Pentanes Plus	:	0.664	2.728

Hexanes Plus Properties			
Mol %	:	0.97	3.73
Molecular Weight	:	96.6	92.9
Density (gm/cc @ 60 °F)	:	0.6846	0.6793
Gravity (°API @ 60 °F)	:	75.0	76.6

Heptanes Plus Properties			
Mol %	:	0.61	2.16
Molecular Weight	:	104.1	99.3
Density (gm/cc @ 60 °F)	:	0.6944	0.6882
Gravity (°API @ 60 °F)	:	72.1	73.9

Decanes Plus Properties			
Mol %	:	0.03	0.01
Molecular Weight	:	138.3	134.0
Density (gm/cc @ 60 °F)	:	0.7320	0.7278
Gravity (°API @ 60 °F)	:	61.6	62.7

Undecanes Plus Properties			
Mol %	:	0.01	0.00
Molecular Weight	:	147.0	--
Density (gm/cc @ 60 °F)	:	0.7400	--
Gravity (°API @ 60 °F)	:	59.5	--

Dodecanes Plus Properties			
Mol %	:	0.00	0.00
Molecular Weight	:	--	--
Density (gm/cc @ 60 °F)	:	--	--
Gravity (°API @ 60 °F)	:	--	--

COMPOSITIONS OF GASES LIBERATED DURING SEPARATOR TEST

		First Stage Separator	Second Stage Separator	Stock Tank
Pressure (psig):		290	7	0
Component		Mol %	Mol %	Mol %
Hydrogen Sulphide	H2S	0.00	0.00	0.00
Carbon Dioxide	CO2	2.76	2.89	1.85
Nitrogen	N2	0.20	0.03	0.01
Methane	C1	79.36	40.46	14.32
Ethane	C2	9.95	19.68	19.40
Propane	C3	4.54	18.44	29.60
Iso-Butane	iC4	0.59	3.60	6.72
N-Butane	nC4	1.16	7.35	14.99
Iso-Pentane	iC5	0.27	1.77	3.61
N-Pentane	nC5	0.28	1.82	3.51
Hexanes	C6	0.31	1.71	3.06
Heptanes	C7	0.32	1.61	2.47
Octanes	C8	0.12	0.50	0.35
Nonanes	C9	0.08	0.12	0.09
Decanes	C10	0.03	0.01	0.02
Undecanes	C11	0.02	0.01	0.00
Dodecanes Plus	C12+	0.01	0.00	0.00
TOTAL		100.00	100.00	100.00

Stream Properties				
Molecular Weight	:	21.29	34.47	45.21
Gravity (AIR = 1.000)	:	0.738	1.202	1.591
Gross HV (BTU/SCF)	:	1227	1949	2580
Nett HV (BTU/SCF)	:	1112	1787	2375
Wobbe Index	:	1429	1778	2046
Critical Pressure (psia)	:	673.5	646.9	612.9
Critical Temperature (°R)	:	399.4	536.2	643.2
GPM Content				
Ethane Plus	:	5.059	16.799	25.324
Propane Plus	:	2.396	11.532	20.132
Butanes Plus	:	1.144	6.447	11.969
Pentanes Plus	:	0.585	2.948	5.038
Heptanes Plus Properties				
Mol %	:	0.58	2.25	2.93
Molecular Weight	:	106.9	100.2	98.3
Density (gm/cc @ 60 °F)	:	0.7405	0.7319	0.7277
Gravity (°API @ 60 °F)	:	59.4	61.7	62.8
Octanes Plus Properties				
Mol %	:	0.26	0.64	0.46
Molecular Weight	:	120.3	110.7	110.9
Density (gm/cc @ 60 °F)	:	0.7563	0.7451	0.7436
Gravity (°API @ 60 °F)	:	55.4	58.2	58.6
Decanes Plus Properties				
Mol %	:	0.06	0.02	0.02
Molecular Weight	:	145.9	140.5	134.0
Density (gm/cc @ 60 °F)	:	0.7830	0.7777	0.7693
Gravity (°API @ 60 °F)	:	49.0	50.3	52.3
Undecanes Plus Properties				
Mol %	:	0.03	0.01	0.00
Molecular Weight	:	157.8	147	--
Density (gm/cc @ 60 °F)	:	0.8	0.78403	--
Gravity (°API @ 60 °F)	:	46.5	48.8037	--
Dodecanes Plus Properties				
Molecular Weight	:	179.4	--	--
Density (gm/cc @ 60 °F)	:	--	--	--
Gravity (°API @ 60 °F)	:	--	--	--

RELATIVE VOLUME

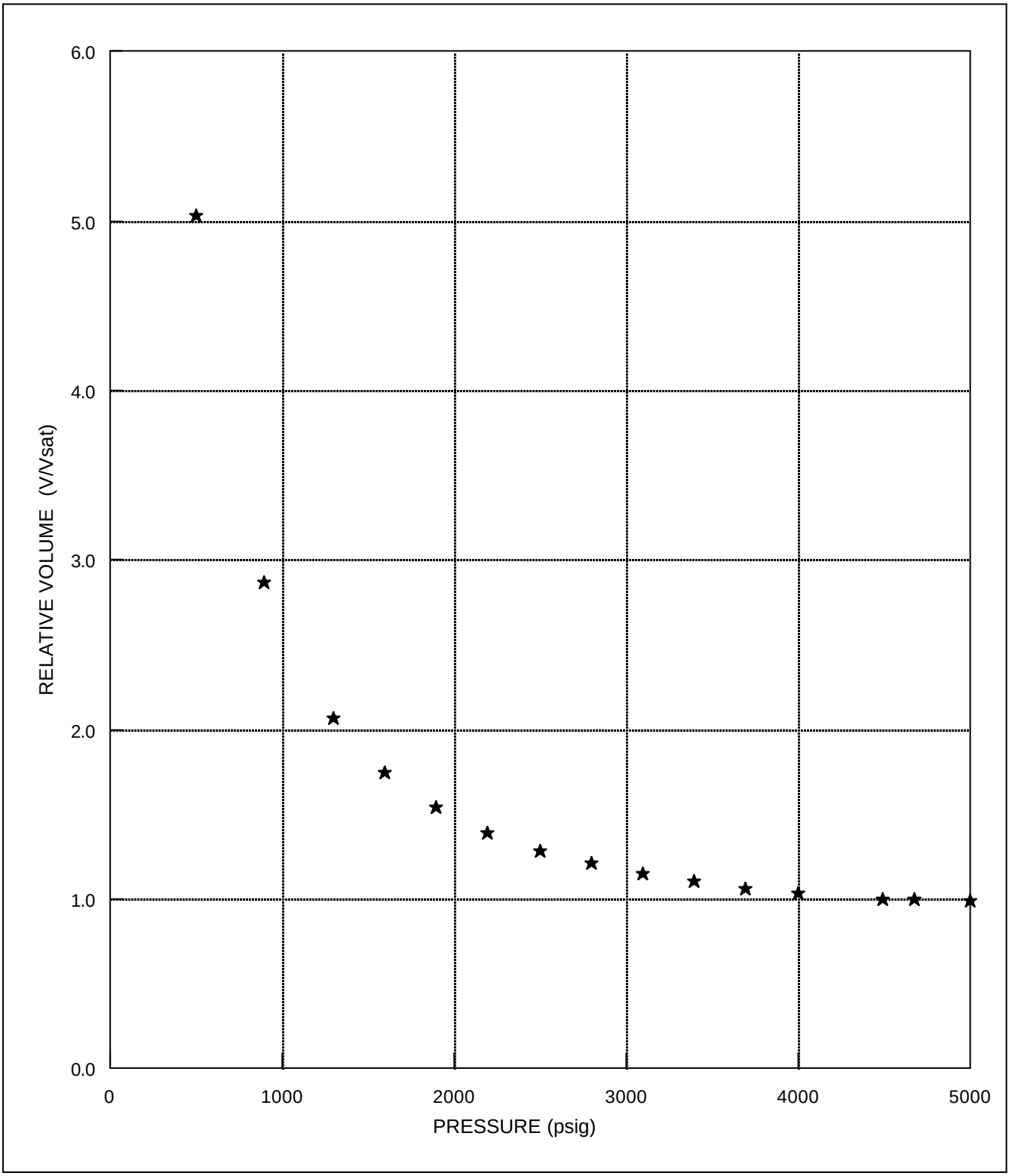
Equation of best fit

ABOVE Psat

RV = +1.25E+00 -1.05E-04 * P +1.44E-08 * P^2 -7.40E-13 * P^3 +0.00E+00 * P^4

BELOW Psat

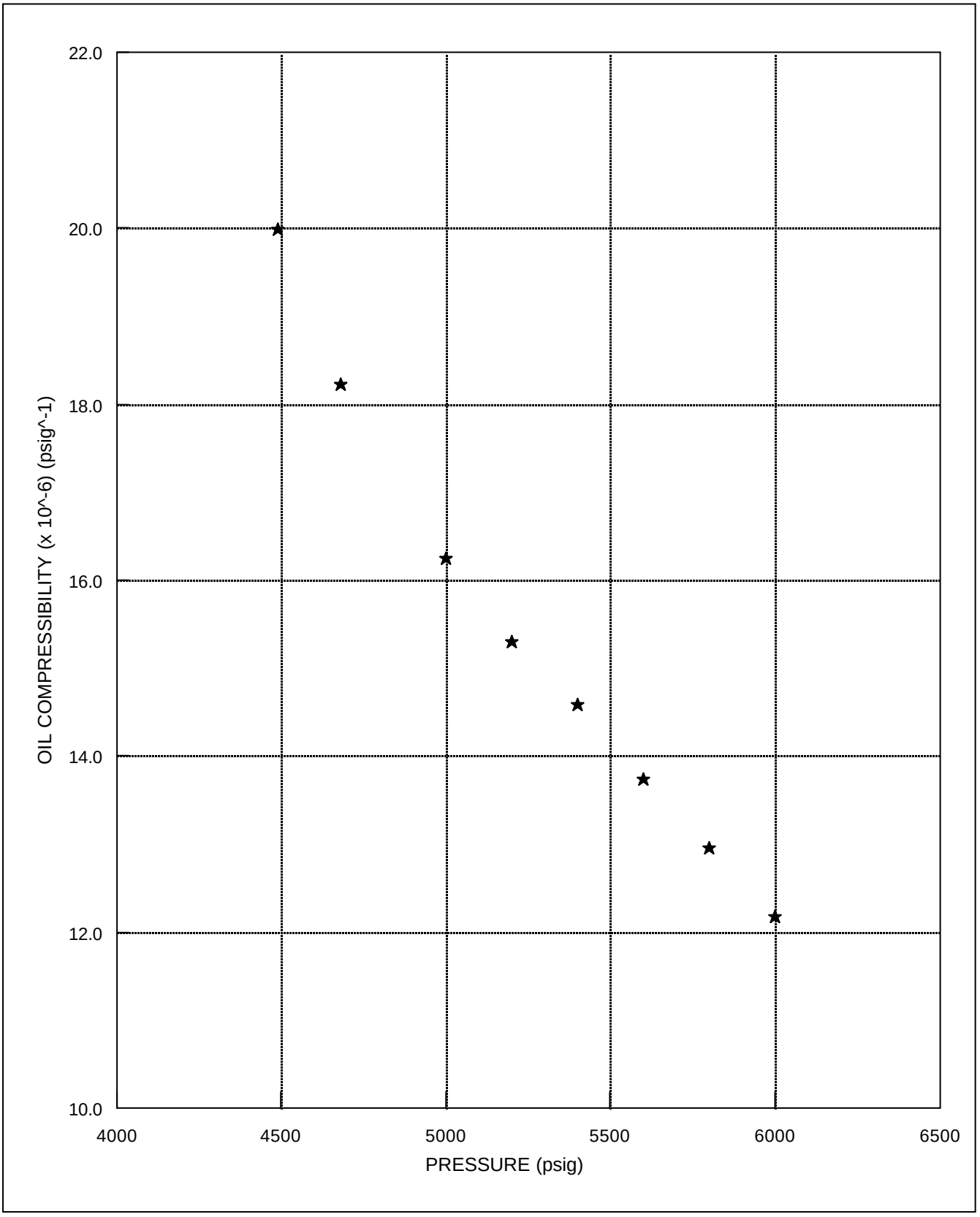
RV = +9.50E+00 -1.20E-02 * P +6.78E-06 * P^2 -1.70E-09 * P^3 +1.56E-13 * P^4



OIL COMPRESSIBILITY

Equation of best fit

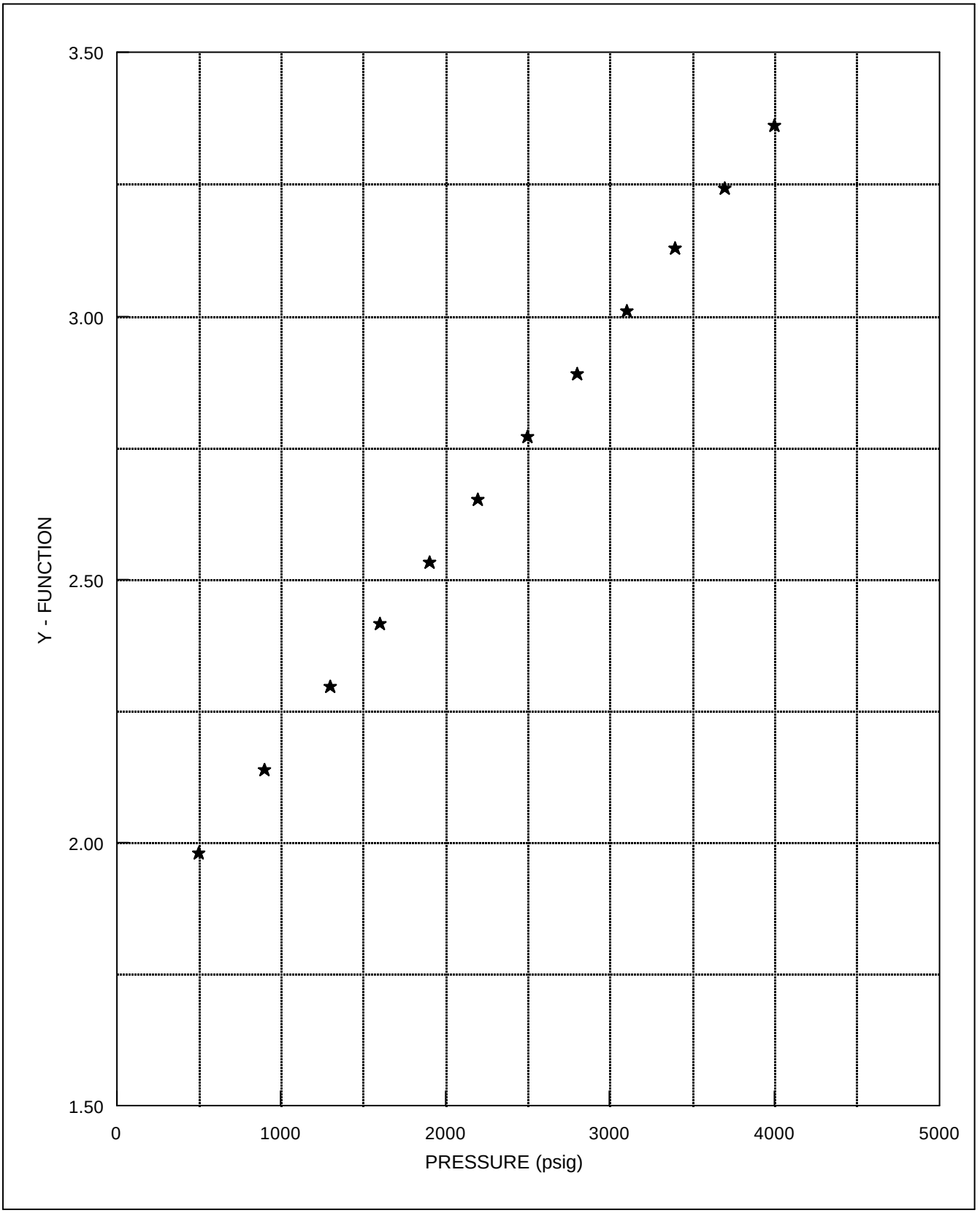
Co = +3.52E+02 -1.76E-01 * P +3.11E-05 * P^2 -1.87E-09 * P^3 +0.00E+00 * P^4



Y - FUNCTION

Equation of best fit

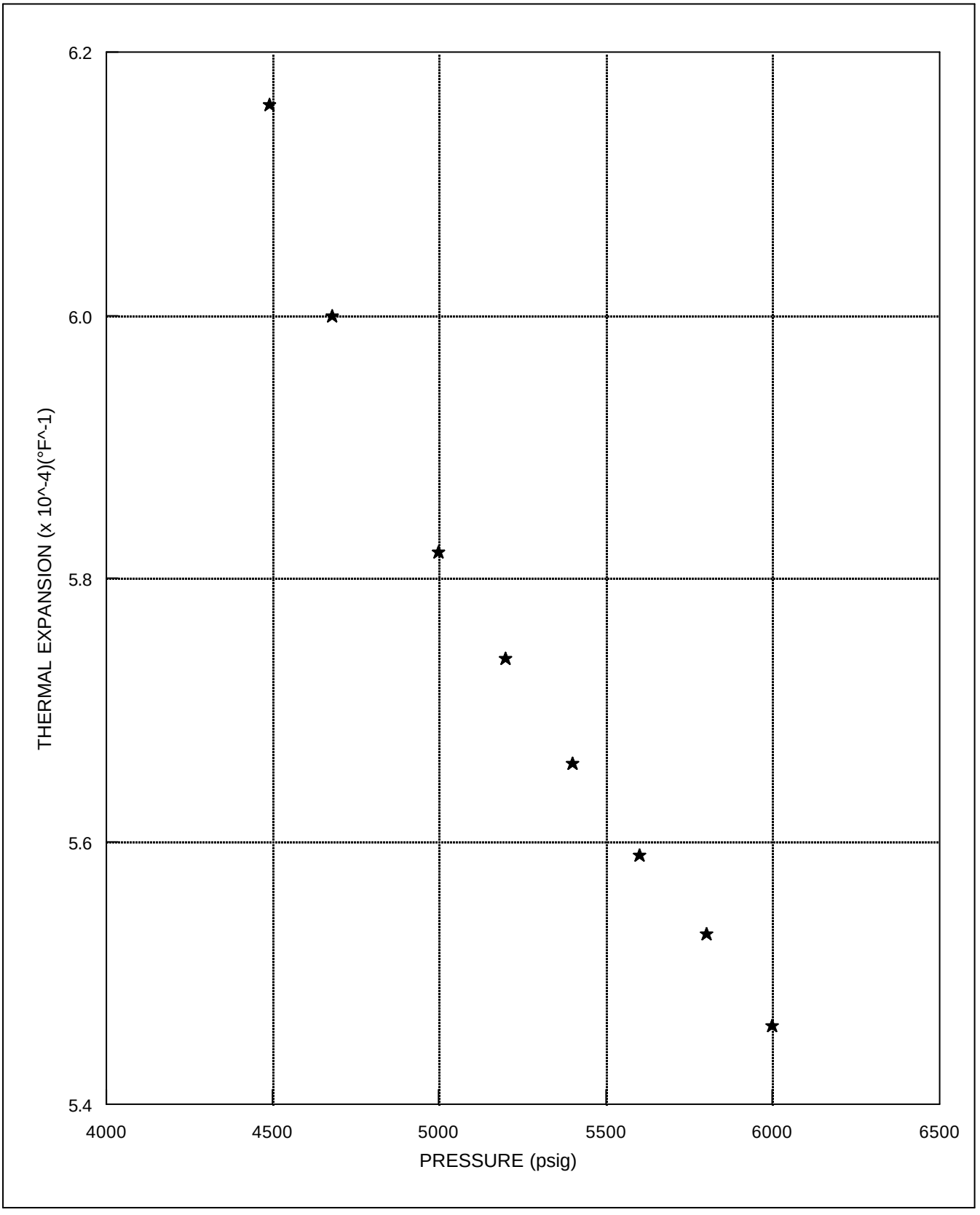
Y = +1.78E+00 +3.96E-04 * P



OIL THERMAL EXPANSION

Equation of best fit

TE = +3.34E+01 -1.42E-02 * P +2.48E-06 * P^2 -1.47E-10 * P^3 +0.00E+00 * P^4

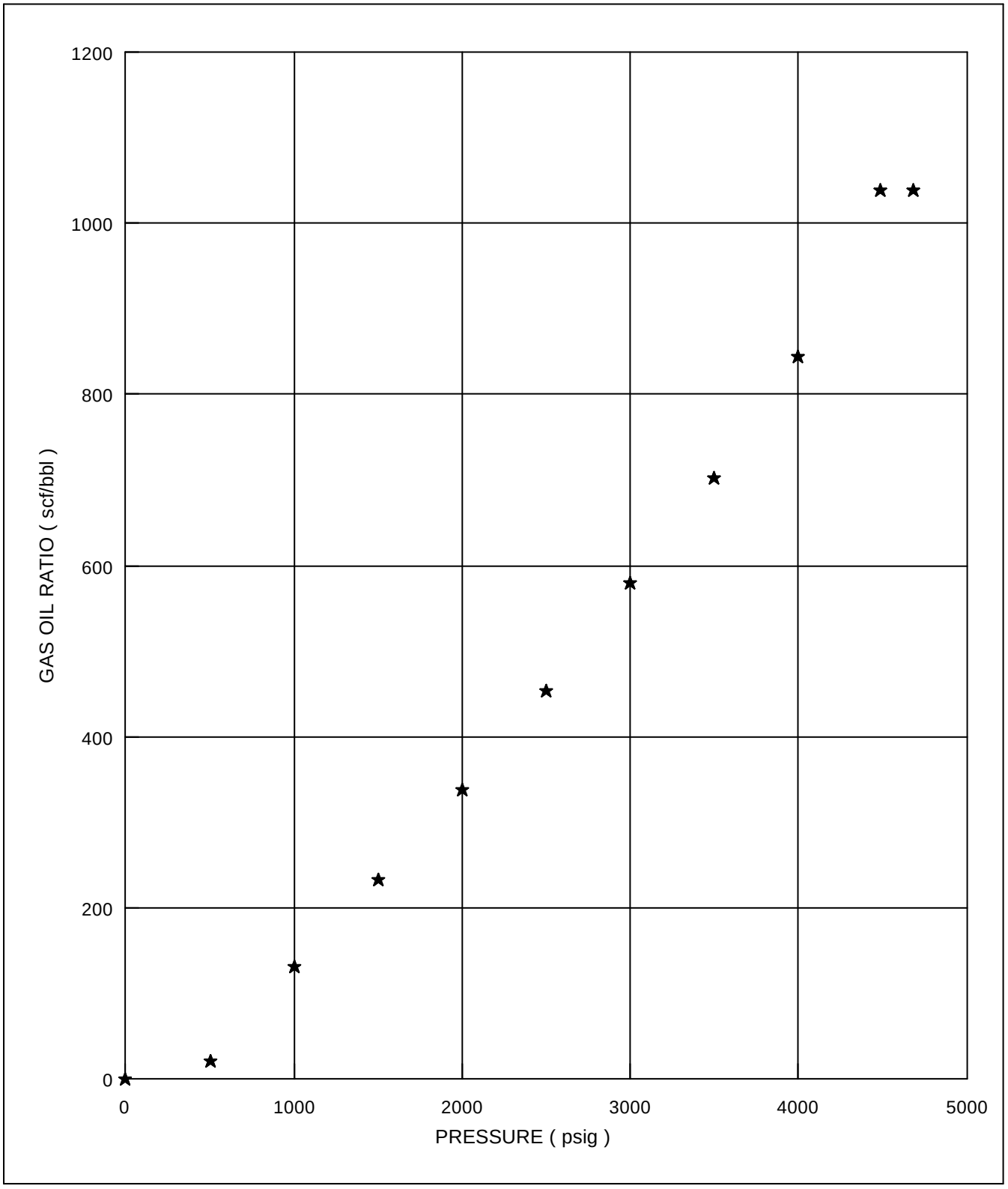


GAS - OIL RATIO

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

GOR = -3.95E+00 +1.27E-02 * P +1.53E-04 * P^2 -4.66E-08 * P^3 +5.20E-12 * P^4

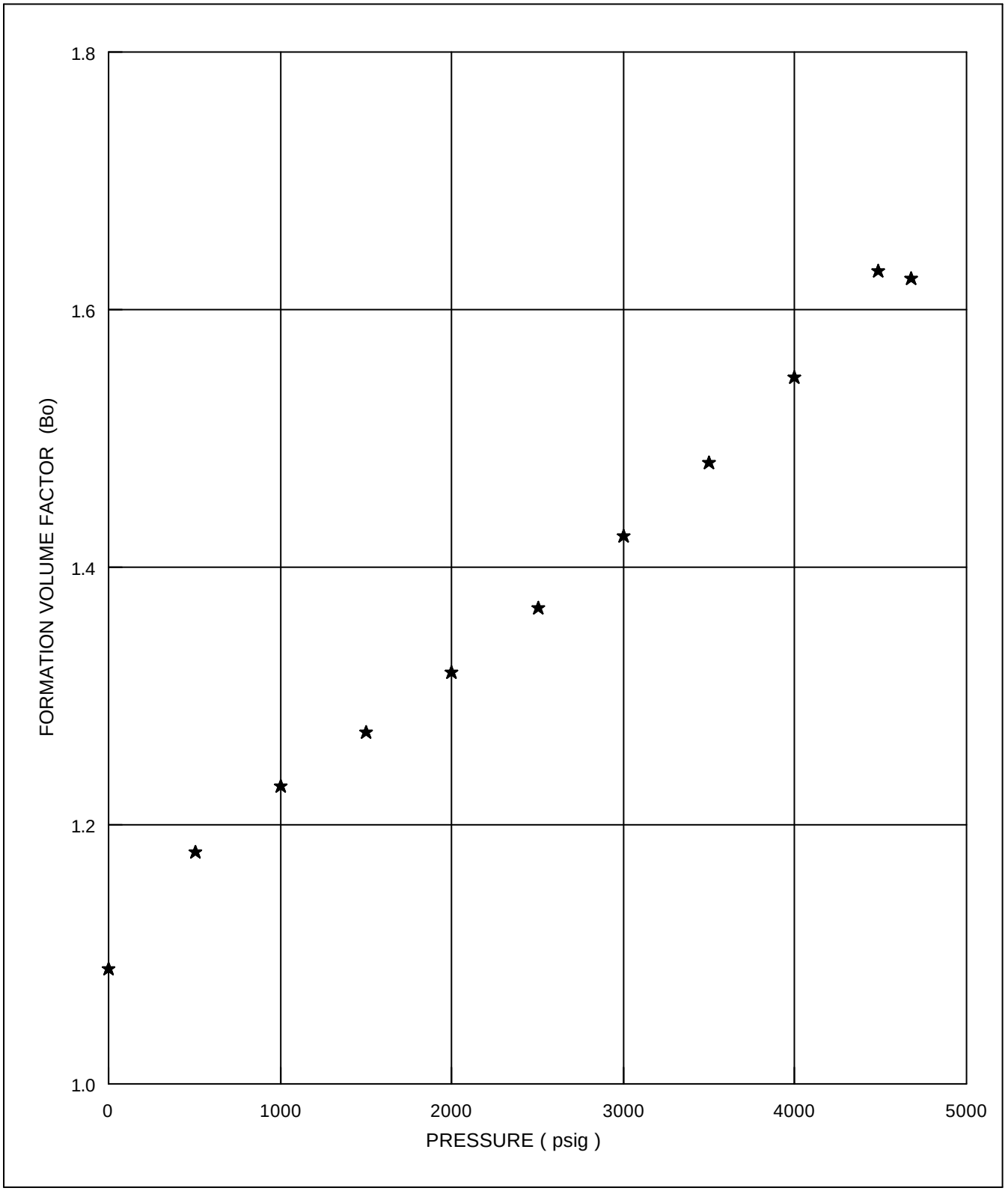


OIL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bo = +1.09E+00 +1.95E-04 * P -7.26E-08 * P^2 +1.94E-11 * P^3 -1.54E-15 * P^4

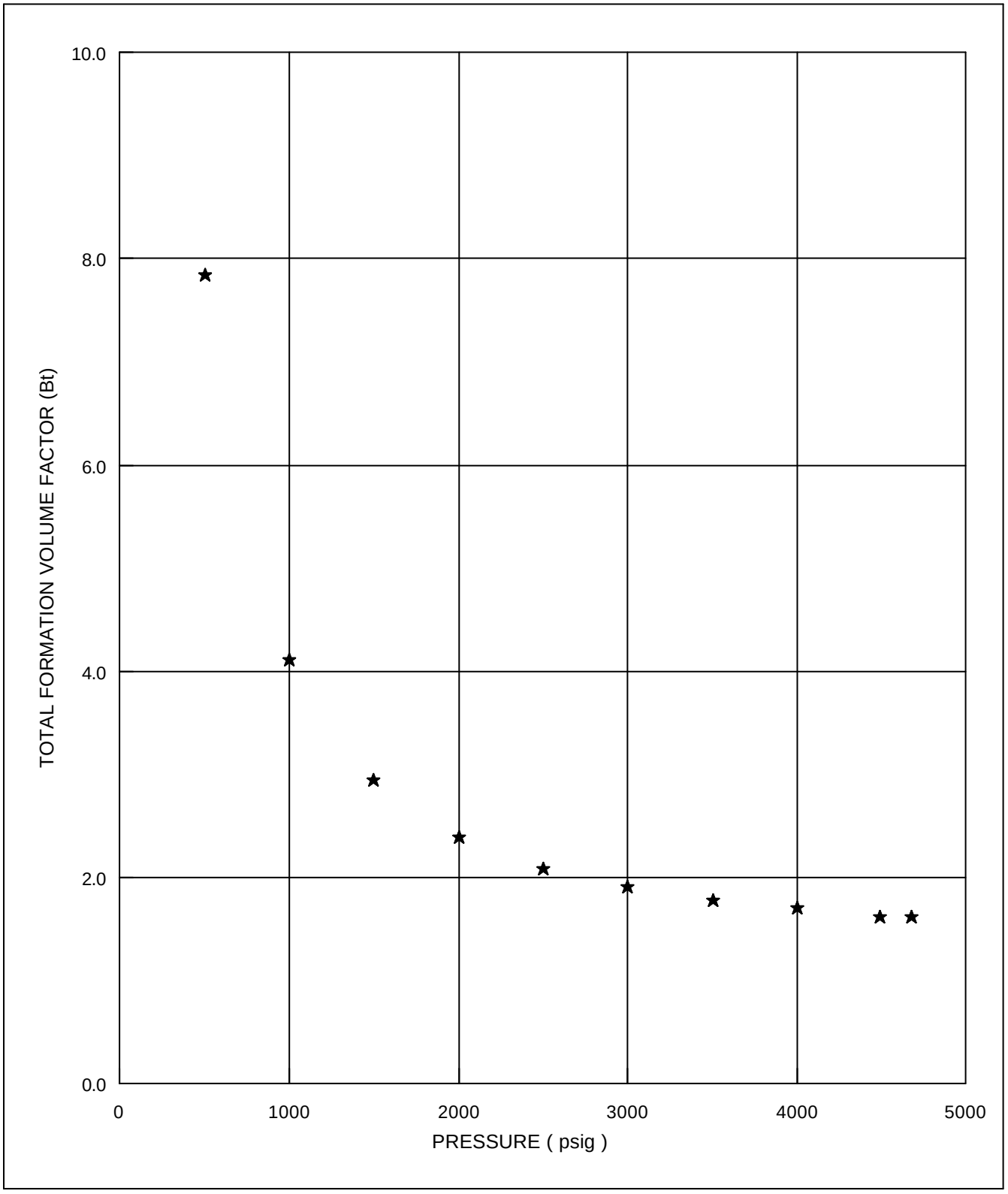


TOTAL FORMATION VOLUME FACTOR

DIFFERENTIAL DATA CORRECTED WITH SEPARATOR TEST

Equation of best fit

Bt = +1.42E+01 -1.67E-02 * P +8.66E-06 * P^2 -1.97E-09 * P^3 +1.63E-13 * P^4



OIL DENSITY

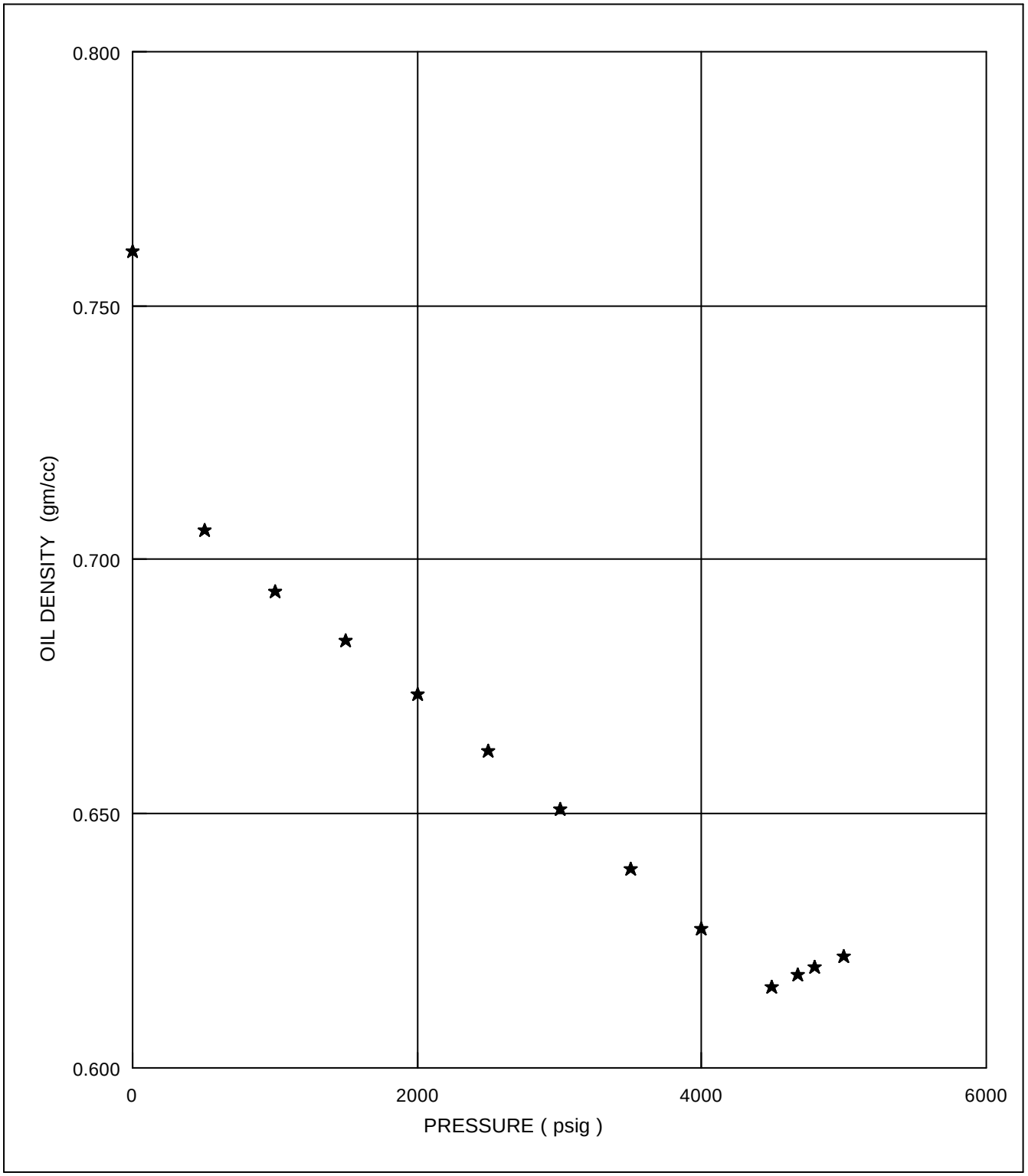
Equation of best fit

ABOVE Psat

Þ = +4.75E-01 +5.74E-05 * P -7.52E-09 * P^2 +3.79E-13 * P^3 +0.00E+00 * P^4

BELOW Psat

Þ = +7.58E-01 -1.22E-04 * P +7.31E-08 * P^2 -2.06E-11 * P^3 +1.96E-15 * P^4



OIL VISCOSITY

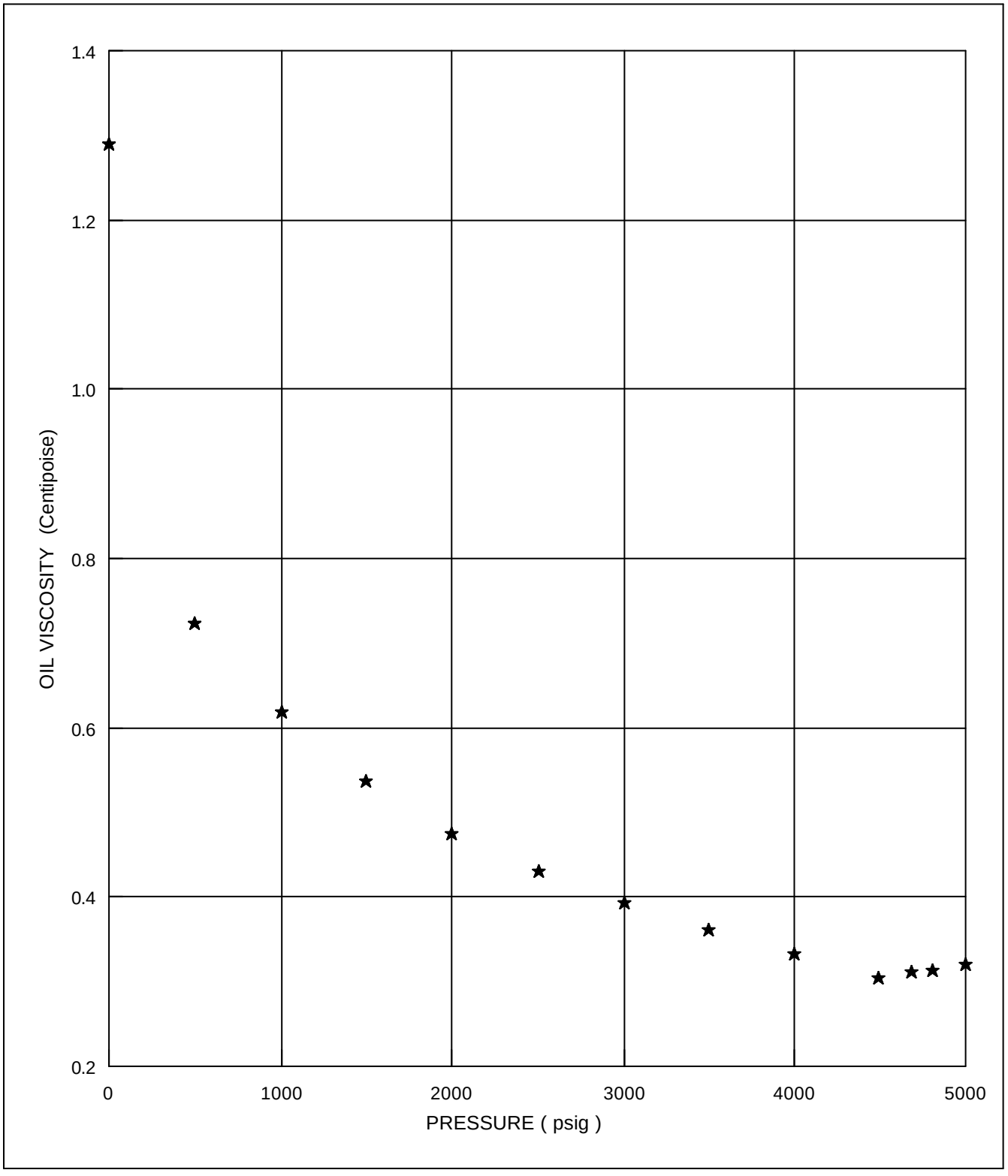
Equation of best fit

ABOVE Psat

$\mu o = +3.32E\text{-}01 - 7.07E\text{-}05 * P + 2.09E\text{-}08 * P^2 - 1.46E\text{-}12 * P^3 + 0.00E+00 * P^4$

BELOW Psat

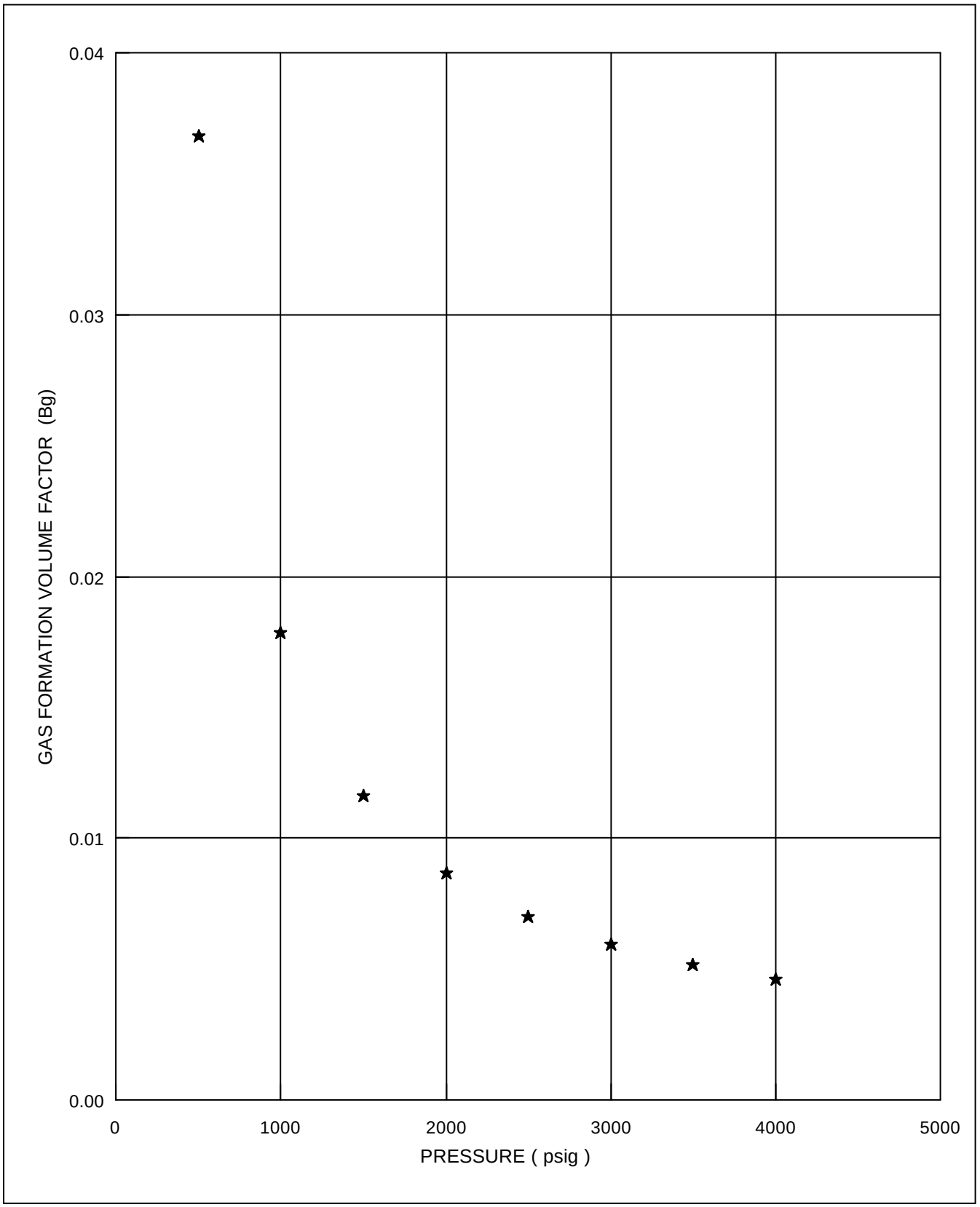
$\mu o = +1.27E+00 - 1.38E\text{-}03 * P + 9.30E\text{-}07 * P^2 - 2.74E\text{-}10 * P^3 + 2.84E\text{-}14 * P^4$



GAS FORMATION VOLUME FACTOR

Equation of best fit

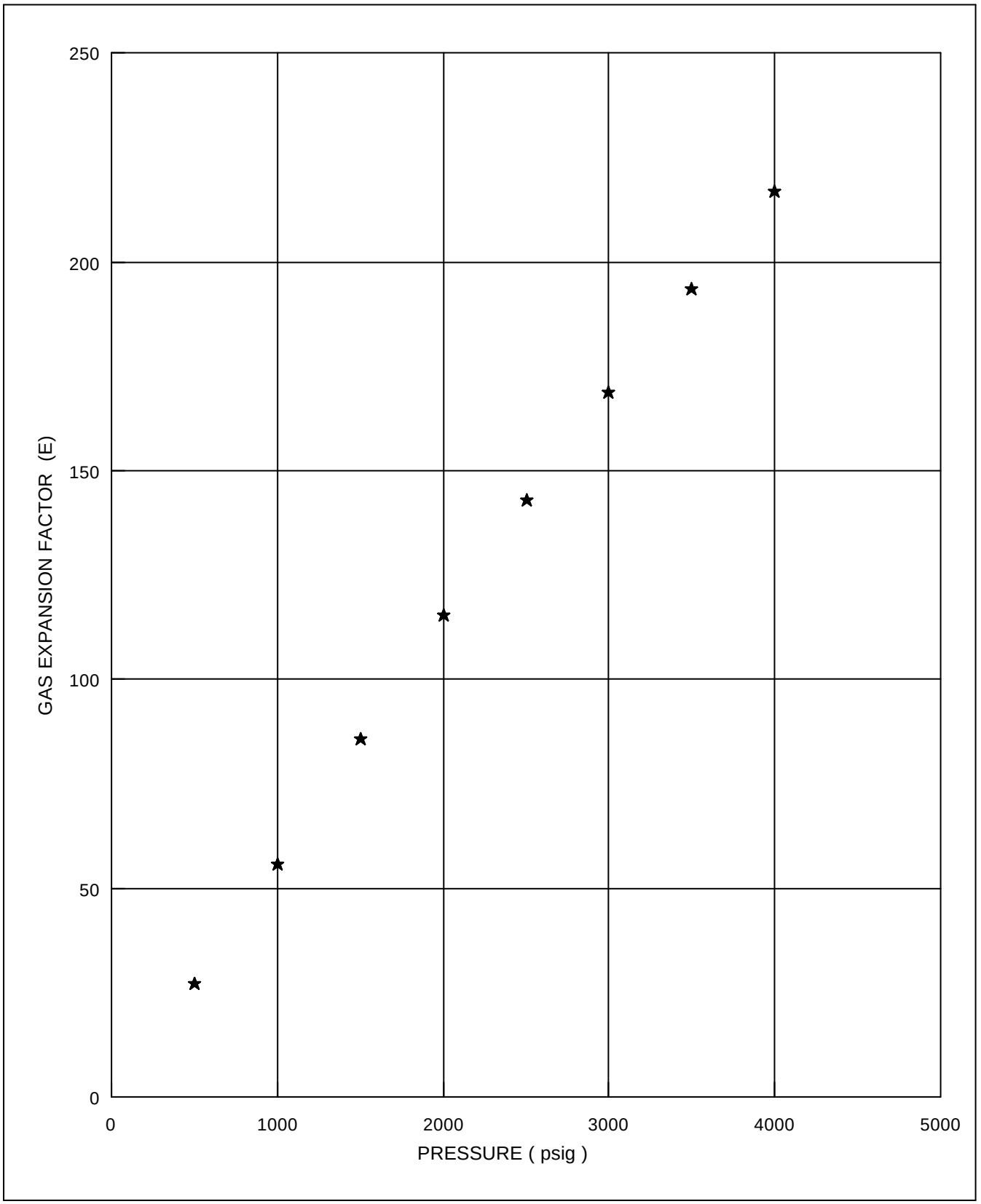
Bg = +7.22E-02 -9.43E-05 * P +5.25E-08 * P^2 -1.30E-11 * P^3 +1.19E-15 * P^4



GAS EXPANSION FACTOR

Equation of best fit

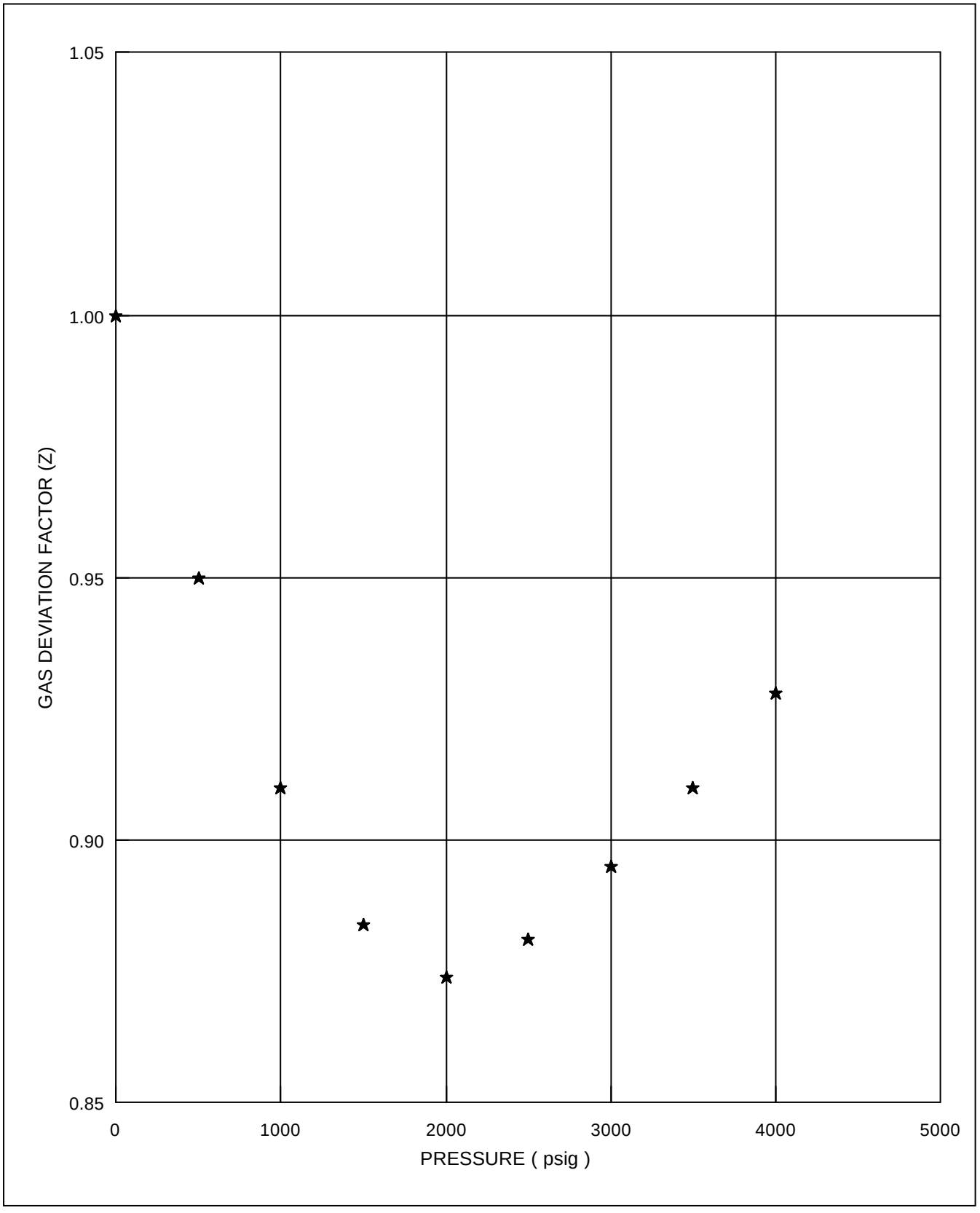
E = +1.63E+00 +4.58E-02 * P +1.25E-05 * P^2 -4.31E-09 * P^3 +4.26E-13 * P^4



GAS DEVIATION FACTOR

Equation of best fit

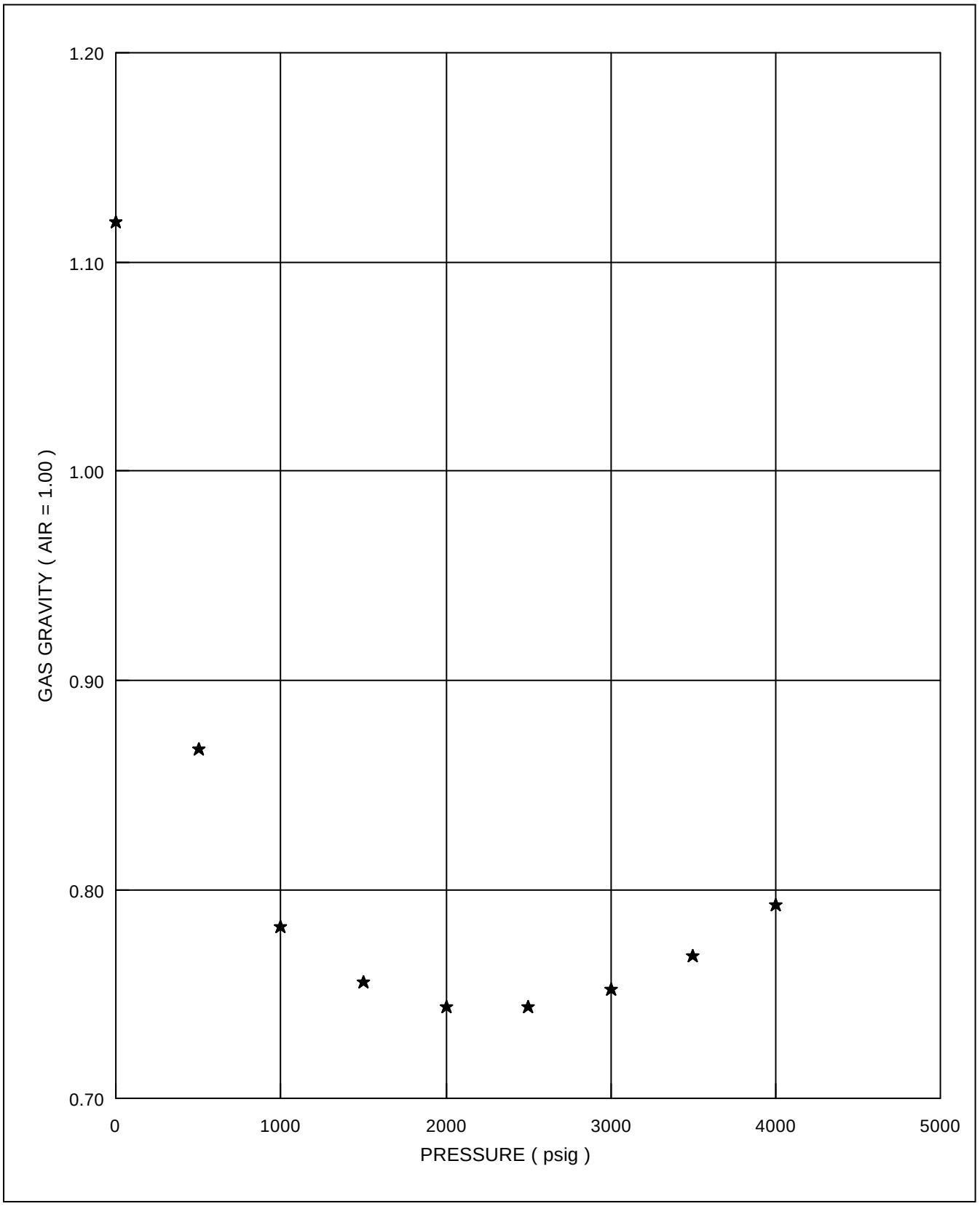
Z = +1.00E+00 -1.11E-04 * P +1.41E-08 * P^2 +8.01E-12 * P^3 -1.43E-15 * P^4



GAS GRAVITY

Equation of best fit

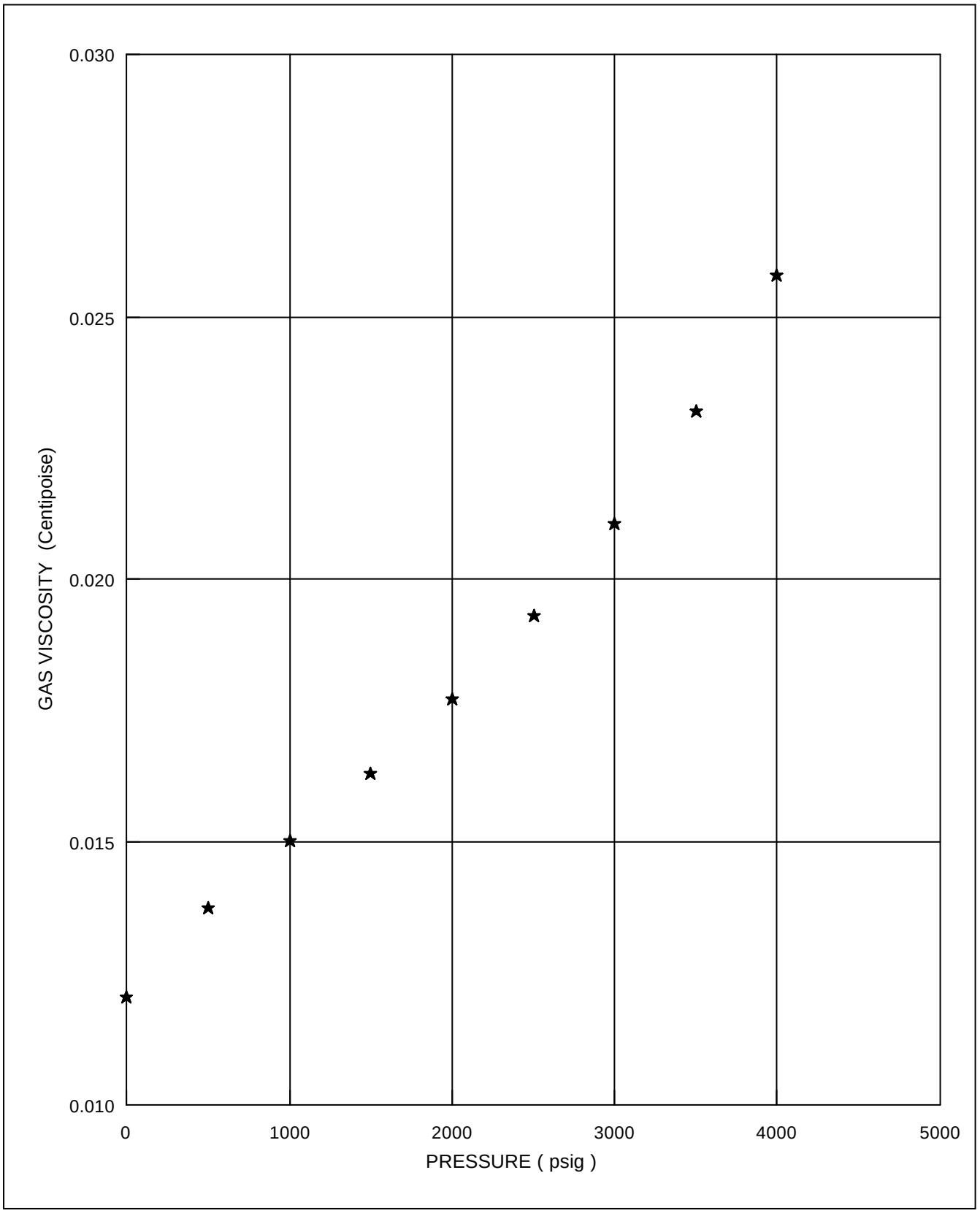
GG = +1.02E+00 -4.09E-04 * P +2.21E-07 * P^2 -5.29E-11 * P^3 +4.91E-15 * P^4



GAS VISCOSITY

Equation of best fit

$\mu g = +1.26E\text{-}02 + 2.37E\text{-}06 * P + 1.22E\text{-}10 * P^2 - 3.70E\text{-}14 * P^3 + 1.63E\text{-}17 * P^4$



APPENDIX 10

LITHOLOGICAL DESCRIPTIONS

BASKER-2 LITHLOG REPORT

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																			
Depth (mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse (%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1006.0	Ca		20	v lt gy, lt olv gy	S		SB		40		60				100		70	30				100	WR		W		VS																		10	N		Calcarenite, v lt gy, lt olv gy, Soft, sub-blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% fine grained, 30% medium grained, 10% porosity, hydrocarbon
1006.0	MRL		80	vlt gy, lt olv gy	VS	S	A	SB	60			40			100							0											Fo	1	C	0.1											MARL, vlt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 1% Foram, 0.1% Coal,
1010.0	MRL		80	vlt gy, lt olv gy	VS	S	A	SB	60			40			100							0											Fo	1	C	0.1											MARL, vlt gy, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 1% Foram, 0.1% Coal,
1010.0	Ca		20	v lt gy, lt olv gy	S		SB		40		60				100		70	30				100	WR		W		VS																		10	N		Calcarenite, v lt gy, lt olv gy, Soft, sub-blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% fine grained, 30% medium grained, 10% porosity, hydrocarbon
1020.0	MRL		100	lt gy, lt olv gy	VS	S	SB		55			45			100							0											C	0.1	F	0.1											MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1030.0	MRL		99	lt gy, lt olv gy	VS	S	SB		55			45			100							0											C	0.1	F	0.1											MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1030.0	Lst		1	lt gy, lt brnish gy	F	MH	B								0							0																										microcrystalline	Limestone, lt gy, lt brnish gy, Firm, to Moderately hard, blocky,
1040.0	Lst		1	lt gy, lt brnish gy	F	MH	B								0							0																										microcrystalline	Limestone, lt gy, lt brnish gy, Firm, to Moderately hard, blocky,
1040.0	MRL		99	lt gy, lt olv gy	VS	S	SB		55			45			100							0											C	0.1	F	0.1											MARL, lt gy, lt olv gy, Very soft, to Soft, sub-blocky, 55% calcerous clay, 45% siliceous clay, 0.1% Coal, 0.1% Feldspar,
1050.0	MRL		99	lt gy, lt olv gy occ sl yelsh brn	VS	S	A	SB	53			47			100							0																											MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1050.0	Lst		1	off wh, v lt gy	S	F		B	100						100							0																										microcrystalline in part	Limestone, off wh, v lt gy, Soft, to Firm, to blocky, 100% calcerous
1060.0	MRL		100	lt gy, lt olv gy occ sl yelsh brn	VS	S	A	SB	53			47			100							0																											MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1070.0	MRL		100	lt gy, lt olv gy occ sl yelsh brn	VS	S	A	SB	53			47			100							0																											MARL, lt gy, lt olv gy occ sl yelsh brn, Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1080.0	MRL		100	lt gy, lt olv gy	VS	S	A	SB	53			47			100							0																											MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1090.0	MRL		100	lt gy, lt olv gy	VS	S	A	SB	53			47			100							0																											MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay,
1100.0	MRL		100	lt gy, lt olv gy	VS	S	A	SB	53			47			100							0											Py	0.1	Fo	0.1											MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to sub-blocky, 53% calcerous clay, 47% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1110.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	67			33			100							0											Py	0.1	Fo	0.1	C	0.1									very dispersive, trace cavings from above of calcarenite, grading into argillaceous limestone	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1120.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	67			33			100							0											Py	0.1	Fo	0.1	C	0.1									very dispersive, trace cavings from above of calcarenite	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1130.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	67			33			100							0												Py	0.1	Fo	0.1	C	0.1									very dispersive, trace cavings from above of calcarenite	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1140.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	67			33			100							0												Py	0.1	Fo	0.1	C	0.1										Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 67% calcerous clay, 33% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1150.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	63			37			100							0												Py	0.1	Fo	0.1											Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1160.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	63			37			100							0												Py	0.1	Fo	0.1	C	0.1									slight increase in carbonate content, grading into argillaceous limestone	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1170.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	63			37			100							0												Py	0.1	Fo	0.1	C	0.1									slight increase in carbonate content, grading into argillaceous limestone	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 63% calcerous clay, 37% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1180.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	65			35			100							0												Py	0.1	Fo	0.1	C	0.1										Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Pyrite, 0.1% Foram,
1190.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	65			35			100							0												Fo	0.1													very rare loose forams	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Foram,
1200.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	65			35			100							0												Fo	0.1	Py	0.1											trace disseminated pyrite	Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 65% calcerous clay, 35% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1210.0	Lst	arg	100	lt gy, lt olv gy	VS	S	A	Disp	66			34			100							0												Fo	0.1	Py	0.1											Limestone, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 66% calcerous clay, 34% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1220.0	Ca		20	lt gy, lt olv gy	S	F	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1				Fo	0.1	Py	0.1									g	10	N		Calcarenite, lt gy, lt olv gy , Soft, to Firm, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon
1220.0	MRL		80	lt gy, lt olv gy	VS	S	A	Disp	60			40			100							0												Fo	0.1	Py	0.1												MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1230.0	Ca		20	lt gy, lt olv gy	S	F	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1				Fo	0.1	Py	0.1									g	10	N		Calcarenite, lt gy, lt olv gy , Soft, to Firm, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon
1230.0	MRL		80	lt gy, lt olv gy	VS	S	A	Disp	60			40			100							0												Fo	0.1	Py	0.1												MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1240.0	Ca		30	lt gy, lt olv gy	F	MH	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1				Fo	0.1	Py	0.1									g	10	N	becoming firmer	Calcarenite, lt gy, lt olv gy , Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon
1240.0	MRL		70	lt gy, lt olv gy	VS	S	A	Disp	60			40			100							0												Fo	0.1	Py	0.1												MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1250.0	Ca		40	lt gy, lt olv gy	F	MH	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1				Fo	0.1	Py	0.1									g	10	N		Calcarenite, lt gy, lt olv gy , Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon
1250.0	MRL		60	lt gy, lt olv gy	VS	S	A	Disp	60			40			100							0												Fo	0.1	Py	0.1												MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to dispersive, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1260.0	Ca		10	lt gy, lt olv gy	F	MH	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1					Fo	0.1	Py	0.1									g	10	N		Calcarenite, lt gy, lt olv gy , Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 10% porosity, hydrocarbon
1260.0	MRL		90	lt gy, lt olv gy	VS	S	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, lt gy, lt olv gy , Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1270.0	MRL		100	lt gy, lt olv gy	VS	F	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, lt gy, lt olv gy , Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1280.0	MRL		100	lt gy, lt olv gy	VS	F	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, lt gy, lt olv gy , Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1290.0	MRL		100	lt gy, lt olv gy	VS	F	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, lt gy, lt olv gy , Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1300.0	MRL		90	lt gy, lt olv gy	VS	F	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, lt gy, lt olv gy , Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1300.0	Ca		10	lt gy, lt olv gy,	F	MH	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1					Fo	0.1	Py	0.1									g	5	N		Calcarenite, lt gy, lt olv gy, , Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 5% porosity, hydrocarbon
1310.0	Ca		10	lt gy, lt olv gy,	F	MH	SB	B	40		60				100	70	30					100	WR		W		VS		C	0.1					Fo	0.1	Py	0.1									g	5	N		Calcarenite, lt gy, lt olv gy, , Firm, to Moderately hard, sub-blocky, to blocky, Well Rounded, Well sorted, Very Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 0.1% Pyrite, 5% porosity, hydrocarbon
1310.0	MRL		90	gn-gy, dk gn-gy	VS	F	A	SB	60			40			100							0													Fo	0.1	Py	0.1													MARL, gn-gy, dk gn-gy, Very soft, to Firm, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1320.0	MRL		100	gn-gy, dk gn-gy	S	F	A	SB	52			48			100							0													Fo	0.1	Py	0.1												containing trace silt grains	MARL, gn-gy, dk gn-gy, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1330.0	MRL		100	gn-gy, dk gn-gy	S	F	A	SB	52			48			100							0													Fo	0.1	Py	0.1													MARL, gn-gy, dk gn-gy, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1340.0	MRL		100	gn-gy, dk gn-gy, occ lt olv gy	S	F	B	SB	52			48			100							0													Fo	0.1	Py	0.1													MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1350.0	MRL		100	gn-gy, dk gn-gy, occ lt olv gy	S	F	B	SB	52			48			100							0													Fo	0.1	Py	0.1													MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1360.0	MRL		100	gn-gy, dk gn-gy, occ lt olv gy	S	F	B	SB	52			48			100							0													Fo	0.1	Py	0.1													MARL, gn-gy, dk gn-gy, occ lt olv gy, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1370.0	MRL		100	lt-dk gn-gy,	S	F	B	SB	52			48			100							0													Fo	0.1	Py	0.1													MARL, lt-dk gn-gy,, Soft, to Firm, blocky, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1380.0	MRL		100	lt-dk gn-gy,	S	F	SB	B	52			48			100							0													Fo	0.1	Py	0.1													MARL, lt-dk gn-gy,, Soft, to Firm, sub-blocky, to blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram, 0.1% Pyrite,
1390.0	Ca		20	lt brnish gy	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	increase in grain-size	Calcarenite, lt brnish gy, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1390.0	MRL		80	lt-dk gn-gy,	S	F	A	SB	52			48			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,
1400.0	Ca		20	lt brnish gy	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon shows.
1400.0	MRL		80	lt-dk gn-gy,	S	F	A	SB	52			48			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,
1410.0	Ca		30	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1410.0	MRL		70	lt-dk gn-gy,	S	F	A	SB	52			48			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 52% calcerous clay, 48% siliceous clay, 0.1% Foram,
1420.0	Ca		30	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1420.0	MRL		70	lt-dk gn-gy,	S	F	A	SB	58			42			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1430.0	Ca		10	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1430.0	MRL		90	lt-dk gn-gy,	S	F	A	SB	58			42			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to sub-blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1440.0	MRL		90	lt-dk gn-gy,	S	F	A	Disp	58			42			100							0													Fo	0.1														MARL, lt-dk gn-gy,, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1440.0	Ca		10	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1450.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1450.0	MRL		95	lt grnish-gy, lt olv gy	S	F	A	Disp	58			42			100							0													Fo	0.1														MARL, lt grnish-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1460.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1											g	5	N	Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1460.0	MRL		95	lt grnish-gy, lt olv gy	S	F	A	Disp	58			42			100							0												Fo	0.1														
1470.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1									g	5	N		Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1470.0	MRL		95	lt grnish-gy, lt olv gy	S	F	A	Disp	58			42			100							0												Fo	0.1														MARL, lt grnish-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1480.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1									g	5	N		Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1480.0	MRL		95	lt grnish-gy, lt olv gy	S	F	A	Disp	58			42			100							0												Fo	0.1														dominantly marl with trace interbedded calcarenites which are firmer	MARL, lt grnish-gy, lt olv gy, Soft, to Firm, amorphous, to dispersive, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1490.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1									g	5	N		Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1490.0	MRL		95	lt grnish-gy, lt olv gy	S	F	SB	B	58			42			100							0												Fo	0.1														MARL, lt grnish-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 58% calcerous clay, 42% siliceous clay, 0.1% Foram,
1500.0	Ca		5	lt brnish gy, yelsh brn	F	MH	SB	B	40		60				100	70	30					100	R		M		S		C	0.1					Fo	0.1									g	5	N		Calcarenite, lt brnish gy, yelsh brn, Firm, to Moderately hard, sub-blocky, to blocky, Rounded, Moderately sorted, Spherical, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 0.1% Foram, 5% porosity, hydrocarbon
1500.0	MRL		95	lt grnish-gy, lt olv gy	S	F	SB	B	60			40			100							0												Fo	0.1														MARL, lt grnish-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram,
1510.0	MRL		100	lt olv gy	VS	S	SB		58		2	40			100							0												C	0.1														MARL, lt olv gy, Very soft, to Soft, sub-blocky, 58% calcerous clay, 2% calcerous sand, 40% siliceous clay, 0.1% Coal,
1520.0	MRL		100	lt olv gy	VS	S	SB		58		2	40			100							0												C	0.1														MARL, lt olv gy, Very soft, to Soft, sub-blocky, 58% calcerous clay, 2% calcerous sand, 40% siliceous clay, 0.1% Coal,
1530.0	MRL		95	lt grnish-gy, lt olv gy	S	F	SB	B	60			40			100							0												Fo	0.1														MARL, lt grnish-gy, lt olv gy, Soft, to Firm, sub-blocky, to blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram,
1540.0	MRL		100	lt olv gy	VS	S	SB		40		2	58			100							0												Fo	0.1	Cr	0.1	C	0.1										MARL, lt olv gy, Very soft, to Soft, sub-blocky, 40% calcerous clay, 2% calcerous sand, 58% siliceous clay, 0.1% Foram, 0.1% Crinoid, 0.1%
1550.0	MRL		100	lt olv gy	VS	S	SB		40		2	58			100							0												C	0.1														MARL, lt olv gy, Very soft, to Soft, sub-blocky, 40% calcerous clay, 2% calcerous sand, 58% siliceous clay, 0.1% Coal,
1560.0	MRL		100	lt olv gy	VS	S	A	SB	39		5	56			100							0												C	0.1	Cr	0.1												MARL, lt olv gy, Very soft, to Soft, amorphous, to sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1% Coal, 0.1%
1570.0	MRL		100	lt olv gy, rare slightly brnish lt olv gy	VS	S	SB		39		5	56			100							0												C	0.1														trace oolites	MARL, lt olv gy, rare slightly brnish lt olv gy, Very soft, to Soft, sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1%
1580.0	MRL		100	lt olv gy	S	Fr	SB		39		5	56			100							0												C	0.1	Py	0.1												trace oolites	MARL, lt olv gy, Soft, to Friable, sub-blocky, 39% calcerous clay, 5% calcerous sand, 56% siliceous clay, 0.1% Coal, 0.1% Pyrite,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1590.0	MRL		100	lt olv gy	S	Fr	SB		47		5	48			100							0												C	0.1	Py	0.1											MARL, lt olv gy, Soft, to Friable, sub-blocky, 47% calcerous clay, 5% calcerous sand, 48% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1600.0	MRL		100	lt olv gy, rare slightly brnish lt olv gy	VS	S	SB		54		5	41			100							0												C	0.1	Cr	0.1											trace oolites	MARL, lt olv gy, rare slightly brnish lt olv gy, Very soft, to Soft, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Crinoid,
1610.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1	Py	0.1											trace oolites	MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1620.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1	Py	0.1												MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal, 0.1% Pyrite,
1630.0	MRL		99	lt olv gy, rr sl brnish olv gy	S	F	SB		55		5	40			100							0												C	0.1	Py	0.1												MARL, lt olv gy, rr sl brnish olv gy, Soft, to Firm, sub-blocky, 55% calcerous clay, 5% calcerous sand, 40% siliceous clay, 0.1% Coal, 0.1%
1630.0	Lst		1	v lt olv brn, of wh, transl	F	MH	B		100						100							0																											Limestone, v lt olv brn, of wh, transl, Firm, to Moderately hard, blocky, 100% calcerous clay,
1640.0	Lst		1	v lt olv brn, of wh, transl	F	MH	B		100						100							0																											Limestone, v lt olv brn, of wh, transl, Firm, to Moderately hard, blocky, 100% calcerous clay,
1640.0	MRL		99	lt olv gy, rr sl brnish olv gy	S	F	SB		55		5	40			100							0												C	0.1	Py	0.1												MARL, lt olv gy, rr sl brnish olv gy, Soft, to Firm, sub-blocky, 55% calcerous clay, 5% calcerous sand, 40% siliceous clay, 0.1% Coal, 0.1%
1650.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1													MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1660.0	MRL		100	lt olv gy, occ sl brnish lt olv gy.	S	F	SB		54		5	41			100							0												C	0.1													Rarely light brownish olive grey are slightly dolomitic.	MARL, lt olv gy, occ sl brnish lt olv gy., Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1670.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1														MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1680.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1														MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1690.0	MRL		100	lt olv gy	S	F	SB		54		5	41			100							0												C	0.1														MARL, lt olv gy, Soft, to Firm, sub-blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1% Coal,
1700.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	54		5	41			100							0												C	0.1														MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1%
1710.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	54		5	41			100							0												C	0.1														MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1%
1720.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	54		5	41			100							0												C	0.1														MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 54% calcerous clay, 5% calcerous sand, 41% siliceous clay, 0.1%
1730.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	45		10	45			100							0												C	0.1														MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1%
1740.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	45		10	45			100							0												C	0.1														MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1%
1750.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	45		10	45			100							0												C	0.1	Py	0.1	O	0.1	Fo	0.1							trace pyrite, ooids, forams	MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 45% calcerous clay, 10% calcerous sand, 45% siliceous clay, 0.1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1%
1760.0	MRL		100	lt olv gy, grnish gy to off wh	S	F	SB	B	40			60			100							0												C	1	Py	0.1	O	0.1	Fo	0.1							Generally a/a (Trace coaly fragments cemented with calcite might possibly indicate top of Lakes Entrance Formation.) Calcimetry indicates calcareous content decreasing.	MARL, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 40% calcerous clay, 60% siliceous clay, 1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1% Foram,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1770.0	Clyst	cal	100	lt olv gy, grnish gy to off wh	S	F	SB	B	35		5	60			100							0								D	0.1			C	1	Py	0.1	O	0.1	Fo	0.1								Occasional sticky clay balls coming over shakers. Becoming less calcareous. 2% dolomite estimated from calcimetry.	Claystone, lt olv gy, grnish gy to off wh, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 1% Coal, 0.1% Pyrite, 0.1% Ooliths, 0.1%
1780.0	Clyst	cal	100	lt olv gy, grnish gy	S	F	SB	B	35		5	60			100							0								D	0.1			Os	0.1	Fo	0.1	Py	0.1										Rare ostracods.	Claystone, lt olv gy, grnish gy , Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1790.0	Clyst	cal	100	lt olv gy, lt gy	S	F	SB	B	35		5	60			100							0								D	0.1			Os	0.1	Fo	0.1	Py	0.1										Rare white calcite fragments.	Claystone, lt olv gy, lt gy, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1800.0	Clyst	cal	100	lt olv gy, lt gy	S	F	SB	B	35		5	60			100							0								D	0.1			Os	0.1	Fo	0.1	Py	0.1											Claystone, lt olv gy, lt gy, Soft, to Firm, sub-blocky, to blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Dolomite cement, 0.1% Ostracod, 0.1% Foram, 0.1% Pyrite,
1810.0	Clyst	cal	100	lt-med gy	VS	S	A	SB	25			75			100							0												Fo	0.1													Tending to a light grey colour.	Claystone, lt-med gy, Very soft, to Soft, amorphous, to sub-blocky, 25% calcerous clay, 75% siliceous clay, 0.1% Foram,
1820.0	Clyst	cal	90	lt-med gy, off wh	VS	S	A	SB	35		5	60			100							0												Fo	0.1	Py	1	Os	1											Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1%
1820.0	Ca		10	lt gy, off wh	S	F	SB	B	40		60				100	70	30					100	SA		P		SE		C	0.1			Fo	1	Py	1	Os	1										Ostracods and forams noted along with disseminated pyrite.	Calcarenite, lt gy, off wh, Soft, to Firm, sub-blocky, to blocky, Sub-angular, Poor sorted, Slightly Elongated, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 1% Foram, 1%
1830.0	Ca		10	lt gy, off wh	S	F	SB	B	40		60				100	70	30					100	SA		P		SE		C	0.1			Fo	1	Py	1	Os	1											Calcarenite, lt gy, off wh, Soft, to Firm, sub-blocky, to blocky, Sub-angular, Poor sorted, Slightly Elongated, 40% calcerous clay, 60% calcerous sand, 70% very fine grained, 30% fine grained, 0.1% Calcite cement, 1% Foram, 1%
1830.0	Clyst	cal	90	lt-med gy, off wh	VS	S	A	SB	35		5	60			100							0												Fo	0.1	Py	1	Os	1											Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1%
1840.0	MRL		100	lt-med gy, off wh	VS	S	A	SB	60			40			100							0												Fo	0.1	Py	1	Os	1											MARL, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 60% calcerous clay, 40% siliceous clay, 0.1% Foram, 1% Pyrite, 1%
1850.0	Clyst	cal	100	lt-med gy, off wh	VS	S	A	SB	35		5	60			100							0												Fo	0.1	Py	1	Os	1											Claystone, lt-med gy, off wh, Very soft, to Soft, amorphous, to sub-blocky, 35% calcerous clay, 5% calcerous sand, 60% siliceous clay, 0.1% Foram, 1% Pyrite, 1%
1860.0	Clyst	cal	100	lt med gy, med gy	VS	S	A	SB	36			64			100							0												Py	0.1	C	0.1	Os	0.1											Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,
1870.0	Clyst	cal	100	lt med gy, med gy	VS	S	A	SB	36			64			100							0												Py	0.1	C	0.1	Os	0.1											Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,
1880.0	Clyst	cal	100	lt med gy, med gy	VS	S	A	SB	36			64			100							0												Py	0.1			Os	0.1										Granule size quartz crystal, this crystal had grown in-situe.	Claystone, lt med gy, med gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Ostracod,
1890.0	Clyst	cal	100	lt med gy - med gy, occ lt gy	VS	S	A	SB	36			64			100							0												Py	0.1	C	0.1	Os	0.1											Claystone, lt med gy - med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Ostracod,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
1900.0	Clyst	cal	100	lt med gy -med gy, occ lt gy	VS	S	A	SB	36			64			100							0												Py	0.1			Os	0.1									Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 36% calcerous clay, 64% siliceous clay, 0.1% Pyrite, 0.1% Ostracod,
1910.0	Clyst	cal	100	lt med gy - med gy, occ lt gy	VS	S	A	SB	33			67			100							0												Py	0.1	C	0.1												Claystone, lt med gy - med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 33% calcerous clay, 67% siliceous clay, 0.1% Pyrite, 0.1%
1920.0	Clyst		100	lt med gy -med gy, occ lt gy	VS	S	A	SB	19			81			100							0												Py	0.1														Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite,
1930.0	Clyst		100	lt med gy - med gy	VS	S	SB		19			81			100							0												Py	0.1														Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite,
1940.0	Clyst		100	lt med gy - md gy	VS	S	SB		19			81			100							0												Py	0.1	G	0.1												Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 19% calcerous clay, 81% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,
1950.0	Clyst		100	lt med gy -med gy, occ lt gy	VS	S	A	SB	16			84			100							0												Py	0.1														Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1960.0	Clyst		100	lt med gy - med gy	VS	S	SB		16			84			100							0												Py	0.1														Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1970.0	Clyst		100	lt med gy - md gy	VS	S	SB		16			83	1		100							0												Py	0.1														Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite,
1980.0	Clyst		100	lt med gy -med gy, occ lt gy	VS	S	A	SB	16			84			100							0												Py	0.1														Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
1990.0	Clyst		100	lt med gy - med gy	VS	S	SB		16			84			100							0												Py	0.1	Fo	0.1												Claystone, lt med gy - med gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite, 0.1% Foram,
2000.0	Clyst		100	lt med gy - md gy	VS	S	SB		16			83	1		100							0												Py	0.1	Fo	0.1	Cr	0.1									Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 16% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite, 0.1% Foram, 0.1% Crinoid,
2010.0	Clyst		100	lt med gy -med gy, occ lt gy	VS	S	A	SB	16			84			100							0												Py	0.1														Claystone, lt med gy -med gy, occ lt gy, Very soft, to Soft, amorphous, to sub-blocky, 16% calcerous clay, 84% siliceous clay, 0.1% Pyrite,
2020.0	Clyst		100	lt med gy - med gy	VS	S	SB		16			84			0							0														Fo	0.1													
2030.0	Clyst		100	lt med gy - md gy	VS	S	SB		16			83	1		0							0												Py	0.1	Fo	0.1	Cr	0.1									
2040.0	Clyst		100	lt gy - med lt gy, rare yel/brn	VS	S	SB		18			82			100							0												Py	0.1	Fo	0.1	G	0.1									Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 18% calcerous clay, 82% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2050.0	Clyst		100	lt med gy - med gy, trace yel brn	VS	S	SB		17			83			100							0												G	0.1	Fo	0.1												Claystone, lt med gy - med gy, trace yel brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Glauconite,
2060.0	Clyst		100	lt med gy - md gy	VS	S	SB		17			83	1		101							0												Py	0.1														Claystone, lt med gy - md gy, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 1% siliceous silt, 0.1% Pyrite,
2070.0	Clyst		100	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1	Fo	0.1	G	0.1									Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2080.0	Clyst		80	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1	Fo	0.1	G	0.1									Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2080.0	Sltst		5	brnish gy, rdish brn	VS	Fr	SB						95	5	100							0																										silt commonly contains medium to coarse sand grains	Siltstone, brnish gy, rdish brn, Very soft, to Friable, sub-blocky, 95% siliceous silt, 5% siliceous sand,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2080.0	Sst		15	clr, transl, lt olv brn to yel	L	Fr								100	100		10	60	30			100	R	WR	P		SS	S																	g	20	N		Sandstone, clr, transl, lt olv brn to yel, Loose, to Friable, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 60% medium grained, 30% coarse grained, 20% porosity, hydrocarbon
2090.0	Sltst		20	brnish gy, rdish brn	L								95	5	100							0	R	WR	P		SS	S																	g	5	N		Siltstone, brnish gy, rdish brn, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 95% siliceous silt, 5% siliceous sand, 5% porosity,
2090.0	Sst		50	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S							Py	0.1									g	20	N	Increase in sand content.	Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained,
2090.0	Clyst		30	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1	Fo	0.1	G	0.1								Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2100.0	Sltst		5	brnish gy, rdish brn	L								95	5	100							0	R	WR	P		SS	S							G	0.1									g	5	N		Siltstone, brnish gy, rdish brn, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 95% siliceous silt, 5% siliceous sand, 0.1% Glauconite, 5% porosity, hydrocarbon shows.
2100.0	Clyst		10	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1	Fo	0.1	G	0.1								Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite, 0.1% Foram, 0.1% Glauconite,
2100.0	Sst		75	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S					C	0.1	Py	0.1	G	0.1							g	20	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2110.0	Clyst		30	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1													Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2110.0	Sst		70	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S					C	0.1	Py	0.1	G	0.1							g	10	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2120.0	Clyst		70	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1													Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2120.0	Sst		30	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S					C	0.1	Py	0.1	G	0.1							g	10	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2130.0	Sst		15	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S					C	0.1	Py	0.1	G	0.1							g	10	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2130.0	Clyst		85	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1													Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2140.0	Sst		5	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S			C	0.1			Py	0.1	G	0.1							g	10	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2140.0	Clyst		95	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1												Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2150.0	Sst		30	clr, transl, lt olv brn to yel	L									100	100	0.1	10	50	40	0.1		100.2	R	WR	P		SS	S			C	0.1			Py	0.1	G	0.1							g	10	N		Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 50% medium grained, 40% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
2150.0	Clyst		70	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1												Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2160.0	Sst		80	clr, transl, lt olv brn to yel	L									100	100	0.1	40	50	10	0.1		100.2	R	WR	P		SS	S			C	0.1			Py	0.1	G	5							g	20	N	Abundant greenish glauconite staining.	Sandstone, clr, transl, lt olv brn to yel, Loose, Rounded, to Well Rounded, Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 5.0% Glauconite, 20% porosity,
2160.0	Clyst		20	lt gy - med lt gy, rare yel/brn	VS	S	SB		17			83			100							0												Py	0.1												Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, sub-blocky, 17% calcerous clay, 83% siliceous clay, 0.1% Pyrite,
2170.0	Clyst		40	lt gy - med lt gy, rare yel/brn	VS	S	A	SB				100			100							0												Py	0.1												Generally non-calcareous.	Claystone, lt gy - med lt gy, rare yel/brn, Very soft, to Soft, amorphous, to sub-blocky, 100% siliceous clay, 0.1% Pyrite,
2170.0	Sst		60	clr, transl, wh-yel	L									100	100	0.1	40	50	10	0.1		100.2	R	WR	VP	P	SS	S							Py	0.1	G	0.1	C	0.1					g	15	N	Trace pyritised coaly fragments.	Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15% porosity, hydrocarbon
2180.0	Sltst		40	brnish gy, lt gy, med gy	VS	S	SB	B				10	80	10	100							0												Py	0.1												Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 80% siliceous silt, 10% siliceous sand, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2180.0	Sst		60	clr, transl, wh-yel	L									100	100	0.1	40	50	10	0.1	0.1	100.3	R	WR	VP	P	SS	S							Py	0.1	G	0.1	C	0.1					g	15	N		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15%
2190.0	Sltst		40	brnish gy, lt gy, med gy	VS	S	SB	B				10	80	10	100							0												Py	0.1												Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 80% siliceous silt, 10% siliceous sand, 0.1% Pyrite, 5% porosity, hydrocarbon shows.

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2190.0	Sst		60	clr, transl, wh-yel	L									100	100	0.1	40	50	10	0.1	0.1	100.3	R	WR	VP	P	SS	S							Py	0.1	G	0.1	C	0.1							g	15	N		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15%
2200.0	Sltst		70	brnish gy, lt gy, med gy	VS	S	SB	B				10	90		100							0												Py	0.1										g	5	N		Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2200.0	Sst		30	clr, transl, wh-yel	L									100	100	0.1	40	50	10	0.1	0.1	100.3	R	WR	VP	P	SS	S							Py	0.1	G	0.1	C	0.1							g	15	N		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 40% fine grained, 50% medium grained, 10% coarse grained, 0.1% very coarse grained, 0.1% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 15%
2210.0	Sst		80	clr, transl, wh-yel	L									100	100	0.1	10	30	30	20	10	100.1	SR	R	VP	P	SS	S							Py	0.1	G	0.1	C	0.1							g	25	N	Very Coarse component increasing.	Sandstone, clr, transl, wh-yel, Loose, Sub-rounded, to Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 30% medium grained, 30% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 25%
2210.0	Sltst		20	brnish gy, lt gy, med gy	VS	S	SB	B				10	90		100							0												Py	0.1										g	5	N		Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2220.0	Sltst		20	brnish gy, lt gy, med gy	VS	S	SB	B				10	90		100							0												Py	0.1										g	5	N		Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2220.0	Sst		80	clr, transl, wh-yel	L									100	100	0.1	10	30	30	20	10	100.1	SR	R	VP	P	SS	S							Py	0.1	G	0.1	C	0.1							g	25	N		Sandstone, clr, transl, wh-yel, Loose, Sub-rounded, to Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 30% medium grained, 30% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 0.1% Coal, 25%
2230.0	Sltst		10	brnish gy, lt gy, med gy	VS	S	SB	B				10	90		100							0												Py	0.1										g	5	N		Siltstone, brnish gy, lt gy, med gy, Very soft, to Soft, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 5% porosity, hydrocarbon shows.
2230.0	Sst		90	clr, transl, wh-yel	L									100	100	0.1	10	10	50	20	10	100.1	R	WR	VP	P	SS	S							Py	0.1	G	0.1									g	25	N		Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 0.1% very fine grained, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 0.1% Glauconite, 25% porosity,
2240.0	Sst		100	clr, transl, wh-yel	L									100	100		10	10	50	20	10	100	R	WR	VP	P	SS	S							Py	0.1										g	30	N	Grains appear polished in appearance in part. Trace silty cavings.	Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 30% porosity, hydrocarbon shows.

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2250.0	Sst		100	clr, transl, wh-yel	L									100	100		10	10	50	20	10	100	R	WR	VP	P	SS	S							Py	0.1									g	30	N	Grains appear polished in appearance in part. Trace silty cavings.	Sandstone, clr, transl, wh-yel, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Spherical, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite, 30% porosity, hydrocarbon shows.
2260.0	Sst		100	clr, transl, wh-yel	L									100	100		10	10	50	20	10	100	SA	R	VP	P	SE	S	P	0.1					Py	1	Ch	0.1								g	30	N	Weak pyrite cement and occasional cherty fragments.	Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1.0% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2270.0	Sst		100	clr, transl, wh-yel	L									100	100		10	10	50	20	10	100	SA	R	VP	P	SE	S	P	0.1					Py	1	Ch	0.1								g	30	N		Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2280.0	Sst		100	clr, transl, wh-yel	L									100	100		10	10	50	20	10	100	SA	R	VP	P	SE	S	P	0.1					Py	1	Ch	0.1								g	30	N		Sandstone, clr, transl, wh-yel, Loose, Sub-angular, to Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 50% coarse grained, 20% very coarse grained, 10% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2290.0	Sst		100	clr, transl, wh-yel, occ lt brn	L									100	100			10	30	40	20	100	R	WR	VP	P	SE	SS	P	0.1					Py	1	Ch	0.1								g	30	N	Very granular in part. Weak pyrite cement through some large grains. No shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2300.0	Sst		100	clr, transl, wh-yel, occ lt brn	L									100	100			10	30	40	20	100	R	WR	VP	P	SE	SS	P	0.1					Py	1	Ch	0.1								g	30	N		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 30% porosity, hydrocarbon shows.
2310.0	Sst		100	clr, transl, wh-yel, occ lt brn	L									100	100			10	30	40	20	100	R	WR	VP	P	SE	SS	P	0.1					Py	1	Ch	0.1								g	20	N		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2320.0	Sst		80	clr, transl, wh-yel, occ lt brn	L									100	100			10	30	40	20	100	R	WR	VP	P	SE	SS	P	0.1					Py	1	Ch	0.1								g	20	N		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% medium grained, 30% coarse grained, 40% very coarse grained, 20% granular grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2320.0	Clyst		20	lt brn, med brn	VS	S	A	Disp				90	10		100							0													Py	1												Claystone washing out in general.	Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2330.0	Clyst		40	lt brn, med brn	VS	S	A	Disp				90	10		100							0												Py	1													Grading into claystone unit.	Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2330.0	Sst		60	clr, transl, wh-yel, occ lt brn	L									100	100		10	30	30	30		100	R	WR	VP	P	SE	SS	P	0.1				Py	1	Ch	0.1								g	20	N		Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% Pyrite cement, 1% Pyrite, 0.1% Chert, 20% porosity, hydrocarbon shows.
2340.0	Clyst		5	lt brn, med brn	VS	S	A	Disp				90	10		100							0												Py	1														Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2340.0	Sst		95	clr, transl, wh-yel, occ lt brn	L									100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	0.1	D	0.1		Py	1	Ch	0.1	G	0.1						g	20	N	Dolomitic(?) cement fluoresces dull orange and fizzes weakly. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 1% Pyrite, 0.1% Chert, 0.1% Glauconite, 20%
2350.0	Clyst		5	lt brn, med brn	VS	S	A	Disp				90	10		100							0												Py	1													Claystone becoming trace.	Claystone, lt brn, med brn, Very soft, to Soft, amorphous, to dispersive, 90% siliceous clay, 10% siliceous silt, 1% Pyrite,
2350.0	Sst		95	clr, transl, wh-yel, occ lt brn	L									100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	5	D	5		Py	1	G	0.1								g	10	N	Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 5% Pyrite cement, 5% Dolomite cement, 1% Pyrite, 0.1% Glauconite, 10% porosity,
2360.0	Sst		100	clr, transl, wh-yel, occ lt brn	L									100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	5	D	5	C	1	Py	1	G	0.1								g	20	N	Calcite/Dolomite/Pyrite cemented in parts. Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 5% Pyrite cement, 5% Dolomite cement, 1% Calcite cement, 1% Pyrite, 0.1% Glauconite, 20% porosity, hydrocarbon shows.
2370.0	Sst		95	clr, transl, wh-yel, occ lt brn	L	Fr								100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	0.1	D	0.1	C	0.1	Py	0.1	G	0.1								g	15	N	Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 15% porosity,
2370.0	Clyst		5	lt gy-med gy	VS	S	SB	B	10			90			100							0												Py	0.1	G	0.1												Claystone, lt gy-med gy, Very soft, to Soft, sub-blocky, to blocky, 10% calcerous clay, 90% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,
2380.0	Clyst		5	lt gy-med gy	VS	S	SB	B	10			90			100							0												Py	0.1	G	0.1												Claystone, lt gy-med gy, Very soft, to Soft, sub-blocky, to blocky, 10% calcerous clay, 90% siliceous clay, 0.1% Pyrite, 0.1% Glauconite,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2380.0	Sst		95	clr, transl, wh-yel, occ lt brn	L	Fr								100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	0.1	D	0.1	C	0.1	Py	0.1	G	0.1									g	15	N	Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 15% porosity.
2390.0	Sst		80	clr, transl, wh-yel, occ lt brn	L	Fr								100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	0.1	D	0.1	C	0.1	Py	0.1	G	0.1									g	20	N	Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Glauconite, 20% porosity.
2390.0	Sltst		20	brn-lt gy	S	F	SB	B				10	90		100							0									P	0.1	C	0.1	Py	0.1	C	0.1												Mildly calcareous.	Siltstone, brn-lt gy, Soft, to Firm, sub-blocky, to blocky, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 0.1% Coal,
2400.0	Sltst	arg	50	brn-lt gy	S	F	A	SB				20	80		100							0							C	0.1	P	0.1			Py	0.1	C	0.1											N		Siltstone, brn-lt gy, Soft, to Firm, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, hydrocarbon shows.
2400.0	Sst		50	clr, transl, wh-yel, occ lt brn	L	Fr								100	100		10	30	30	30	0.1	100.1	R	WR	VP	P	SE	SS	P	0.1	C	0.1			Py	0.1											g	20	N	Mineral fluorescence only. No hydrocarbon shows.	Sandstone, clr, transl, wh-yel, occ lt brn, Loose, to Friable, Rounded, to Well Rounded, Very Poor sorted, to Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 30% medium grained, 30% coarse grained, 30% very coarse grained, 0.1% granular grained, 0.1% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, hydrocarbon
2410.0	Sltst	arg	60	gyish bn	VS	S	A	SB				20	75	5	100							0							C	0.1	P	0.1			Py	0.1	C	0.1													Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 75% siliceous silt, 5% siliceous sand, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal,
2410.0	Sst		40	clr, transl, occ yel/brn	L	Fr								100	100		10	50	20	20		100	SA	WR	P		SE	SS	P	0.1	P	0.1			Py	0.2											g	20	N		Sandstone, clr, transl, occ yel/brn, Loose, to Friable, Sub-angular, to Well Rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 50% medium grained, 20% coarse grained, 20% very coarse grained, 0.1% Pyrite cement, 0.1% Pyrite cement, 0.2% Pyrite, 20% porosity, hydrocarbon shows.
2420.0	Sst		60	clr, transl, occ yel/brn	L	Fr								100	100		30	40	20	10		100	SA	WR	P		SE	SS	P	0.1	P	0.1			Py	0.2											g	20	N		Sandstone, clr, transl, occ yel/brn, Loose, to Friable, Sub-angular, to Well Rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 30% fine grained, 40% medium grained, 20% coarse grained, 10% very coarse grained, 0.1% Pyrite cement, 0.1% Pyrite cement, 0.2% Pyrite, 20% porosity, hydrocarbon shows.
2420.0	Sltst	arg	40	gyish bn	VS	S	A	SB				20	70	10	100	5	5					10							C	0.1	P	0.1			Py	0.1	C	0.1												Gradational to very fine to ine argillaceous sandstone	Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement,
2430.0	Sltst	arg	10	gyish bn	VS	S	A	SB				20	70	10	100	5	5					10							C	0.1	P				Py	0.1	C	0.1												Gradational to very fine to ine argillaceous sandstone	Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, % Pyrite cement,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2430.0	Sst		90	clr, transl, rare yel/brn	L									100	100		30	70				100	SA	WR	W		SE	S						Py	0.2									g	18	N		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Well sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 30% fine grained, 70% medium grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2440.0	Sltst	arg	10	gyish bn	VS	S	A	SB				20	70	10	100	5	5					10							C	0.1	P			Py	0.1	C	0.1											Gradational to very fine to ine argillaceous sandstone	Siltstone, gyish bn, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, % Pyrite cement,
2440.0	Sst		90	clr, transl, rare yel/brn	L									100	100		30	70				100	SA	WR	W		SE	S						Py	0.2									g	18	N		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Well sorted, Slightly Elongated, to Spherical, 100% siliceous sand, 30% fine grained, 70% medium grained, 0.2% Pyrite, 18% porosity, hydrocarbon shows.
2450.0	Sltst	arg	50	med dk gy, brnish gy	VS	H	A	B				20	70	10	100	5	5					10							C	0.1	P	0.1		Py	0.1	C	0.1	G	5									Gradational to very fine to fine silty sandstone. very common fine - coarse glauconite	Siltstone, med dk gy, brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5%
2450.0	Sst		50	clr, transl, rare yel/brn	L									100	100	10	10	60	10			90	SA	WR	M		SE	SS						Py	0.2									g	18	N		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity,
2460.0	Sltst	arg	90	med dk gy, brnish gy	VS	H	A	B				20	70	10	100	5	5					10							C	0.1	P	0.1		Py	0.1	C	0.1	G	5									Gradational to very fine to fine silty sandstone. very common fine - coarse glauconite	Siltstone, med dk gy, brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5%
2460.0	Sst		10	clr, transl, rare yel/brn	L									100	100	10	10	60	10			90	SA	WR	M		SE	SS						Py	0.2									g	18	N		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity,
2470.0	Sst		20	clr, transl, rare yel/brn	L									100	100	10	10	60	10			90	SA	WR	M		SE	SS						Py	0.2									g	18	N		Sandstone, clr, transl, rare yel/brn, Loose, Sub-angular, to Well Rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 10% fine grained, 60% medium grained, 10% coarse grained, 0.2% Pyrite, 18% porosity,
2470.0	Sltst	arg	80	med dk gy, brnish gy, occasionally grn/brnish gy	VS	H	A	B				20	70	10	100	5	5					10							C	0.1	P	0.1		Py	0.1	C	0.1	G	5									Gradational to very fine to fine silty sandstone. very common fine - coarse glauconite	Siltstone, med dk gy, brnish gy, occasionally grn/brnish gy, Very soft, to Hard, amorphous, to blocky, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 5% very fine grained, 5% fine grained, 0.1% Calcite cement, 0.1% Pyrite cement, 0.1% Pyrite, 0.1% Coal, 5%
2705.0	Sltst	arg	10	brnish gy	VS	S	A	SB				20		80	100							0												Py	0.1	C	1										common carbonaceous laminae	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous sand, 0.1% Pyrite, 1% Coal,
2705.0	Sst		90	cl, transl, wh	L							5		95	100		10	20	50	20		100	SA	A	P		SE	SS			D	0.1	Q	0.1	Py	0.1									g	15	N		occasional nodular pyrite	Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 15% porosity, Hydrocarbon shows.no Hydrocarbon
2710.0	Sltst	arg	75	brnish gy	VS	S	A	SB				20		80	100							0												Py	0.1	C	1										common carbonaceous laminae	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous sand, 0.1% Pyrite, 1% Coal,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2710.0	Sst		25	cl, transl, wh	L							5		95	100		10	20	50	20		100	SA	A	P		SE	SS			D	0.1	Q	0.1	Py	0.1										g	15	N	occasional nodular pyrite	Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 15% porosity, Hydrocarbon shows,no Hydrocarbon
2715.0	Sst		10	cl, transl, wh	L							5		95	100		10	20	50	20		100	SA	A	P		SE	SS			D	0.1	Q	0.1	Py	0.1										g	10	N		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, Hydrocarbon shows,no Hydrocarbon
2715.0	Sltst	arg	90	brnish gy	VS	S	A	Disp				50		50	100							0														Py	0.1	C	1											very soft and amorphous	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2720.0	Sst		30	cl, transl, wh	L							5		95	100		10	20	50	20		100	SA	A	P		SE	SS			D	0.1	Q	0.1	Py	0.1										g	10	N		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, Hydrocarbon shows,no Hydrocarbon
2720.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				50		50	100							0														Py	0.1	C	1											very soft and amorphous	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2725.0	Sst		40	cl, transl, wh-lt gy	L							5	20	75	100	10	40	40	10			100	SA	A	P		SE	SS					Q	0.1	Py	0.1										g	10	N	occassional friable aggregates, generally finer grained	Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, Hydrocarbon shows,no Hydrocarbon
2725.0	Sltst	arg	60	brnish gy	VS	S	A	Disp				50		50	100							0														Py	0.1	C	1											very soft and amorphous	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2730.0	Sst		30	cl, transl, wh-lt gy	L							5	20	75	100	10	40	40	10			100	SA	A	P		SE	SS					Q	0.1	Py	0.1	C	5									g	10	N	common coaly fragments	Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Silica cement, 0.1% Pyrite, 5% Coal, 10% porosity, Hydrocarbon shows,no Hydrocarbon
2730.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				50		50	100							0														Py	0.1	C	5											clay rich	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 5% Coal,
2735.0	Sst		40	cl, transl, wh-lt gy	L							5	20	75	100	10	40	40	10			100	SA	A	P		SE	SS							Py	0.1	C	0.1									g	10	N	trace coaly fragments	Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 10% porosity, Hydrocarbon shows,no Hydrocarbon shows,
2735.0	Sltst	arg	60	brnish gy	VS	S	A	Disp				50		50	100							0														Py	0.1	C	0.1											clay rich	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 0.1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2740.0	Sst		40	cl, transl, wh-lt gy	L							5	20	75	100	10	35	40	10	5		100	SA	A	P		SE	SS						Py	0.1	C	0.1									g	10	N	Common cavings from bit trip	Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 35% fine grained, 40% medium grained, 10% coarse grained, 5% very coarse grained, 0.1% Pyrite, 0.1% Coal, 10% porosity, no Hydrocarbon
2740.0	Sltst	arg	20	brnish gy	VS	S	A	Disp				50		50	100							0												Py	0.1	C	0.1												Common cavings from bit trip	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 0.1% Coal,
2740.0	Clyst	slty	20	med gy	F		SB	B	10			90			100							0												Py	0.1														Possibly cavings	Claystone, med gy, Firm, sub-blocky, to blocky, 10% calcerous clay, 90% siliceous clay, 0.1% Pyrite,
2745.0	Sltst	arg	30	brnish gy	VS	S	A	Disp				50		50	100							0												Py	0.1	C	0.1												Common cavings from bit trip	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 0.1% Coal,
2745.0	Clyst	slty	40	med gy	F		SB	B	10			90			100							0												Py	0.1														Possibly cavings	Claystone, med gy, Firm, sub-blocky, to blocky, 10% calcerous clay, 90% siliceous clay, 0.1% Pyrite,
2745.0	Sst		20	cl, transl, wh-lt gy	L							15		85	100			20	60	20		100	A	SR	M		SE	SS						Py	0.1												g	20	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 85% siliceous sand, 20% medium grained, 60% coarse grained, 20% very coarse grained, 0.1% Pyrite, 20% porosity, no
2750.0	Sst		60	cl, transl, wh-lt gy	L							15		85	100		10	20	60	10		100	A	SR	P		SE	SS						Py	0.1												g	20	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 85% siliceous sand, 10% fine grained, 20% medium grained, 60% coarse grained, 10% very coarse grained, 0.1% Pyrite, 20% porosity, no
2750.0	Sltst	arg	40	brnish gy	S	F	SB	B				40	60		100							0												Py	0.1	C	0.1												Rare calcareous claystone chunky cavings from bit trip.	Siltstone, brnish gy, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2755.0	Sltst	arg	30	brnish gy	S	MH	SB	B				30	70		100							0												Py	0.1	C	0.1												Trace calcareous claystone chunky cavings from bit trip. Becoming less	Siltstone, brnish gy, Soft, to Moderately hard, sub-blocky, to blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1%
2755.0	Sst		70	cl, transl, wh-lt gy	L							5		95	100		10	20	60	10		100	A	SR	P		SE	SS						Py	0.1												g	20	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 60% coarse grained, 10% very coarse grained, 0.1% Pyrite, 20% porosity, no
2760.0	Sltst	arg	50	brnish gy	S	MH	SB	B				30	70		100							0												Py	0.1	C	0.1												Trace grey calcareous claystone cavings (?)	Siltstone, brnish gy, Soft, to Moderately hard, sub-blocky, to blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1%
2760.0	Sst		50	cl, transl, wh-lt gy	L							5		95	100		10	20	60	10		100	A	SR	P		SE	SS						Py	0.1												g	15	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 60% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no
2765.0	Sltst	arg	60	brnish gy	S	MH	SB	B				30	70		100							0												Py	0.1	C	0.1													Siltstone, brnish gy, Soft, to Moderately hard, sub-blocky, to blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1%
2765.0	Sst		40	cl, transl, wh-lt gy	L							5		95	100		10	20	60	10		100	A	SR	P		SE	SS						Py	0.1												g	15	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 60% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
							Calc			Siliciclas			%																																	
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2770.0	Sst		20	cl, transl, wh-lt gy	L							5		95	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N	Calcareous claystone cavings have disappeared.	Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity,
2770.0	Sltst	arg	80	brnish gy	VS	S	A	SB				30	70		100							0												Py	0.1	C	0.1										Carbonaceous laminae common.	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2775.0	Sst		20	cl, transl, wh-lt gy	L							5		95	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity,
2775.0	Sltst	arg	80	brnish gy	VS	S	A	SB				30	70		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2780.0	Sst		30	cl, transl, wh-lt gy	L							5	20	75	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows,
2780.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				30	70		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 30% siliceous clay, 70% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2785.0	Sst		5	cl, transl, wh-lt gy	L							10	20	70	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N	Trace coaly fragments.	Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 20% siliceous silt, 70% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows,
2785.0	Sltst	arg	95	brnish gy	VS	S	A	Disp				40	60		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2790.0	Sst		15	cl, transl, wh-lt gy	L							10	20	70	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N		Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 20% siliceous silt, 70% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows,
2790.0	Sltst	arg	85	brnish gy	VS	S	A	Disp				40	60		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2795.0	Sst		30	cl, transl, wh-lt gy	L							10	20	70	100	10	10	40	40			100	A	SR	P		SE	SS						Py	0.1										g	15	N	Abundant rock flour.	Sandstone, cl, transl, wh-lt gy, Loose, Angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 20% siliceous silt, 70% siliceous sand, 10% very fine grained, 10% fine grained, 40% medium grained, 40% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows,
2795.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				40	60		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2800.0	Clyst	slty	40	med-dk gy, occ wh-lt gy	VS	S	A	Disp					20		20							0												Py	0.1													Claystone, med-dk gy, occ wh-lt gy, Very soft, to Soft, amorphous, to dispersive, 20% siliceous silt, 0.1% Pyrite,
2800.0	Sltst	arg	60	brnish gy	VS	S	A	Disp				40	60		100							0												Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2805.0	Sst	slty	10	cl-transl, occ wh-lt gy	L								20	80	100	10	30	30	30			100	SA	SR	P		SE	SS							Py	0.1										g	10	N		Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 10% very fine grained, 30% fine grained, 30% medium grained, 30% coarse grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2805.0	Sltst	arg	90	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2810.0	Sst	slty	30	cl-transl, occ wh-lt gy	L								20	80	100	10	40	30	20			100	SA	SR	P		SE	SS							Py	0.1										g	10	N		Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 10% very fine grained, 40% fine grained, 30% medium grained, 20% coarse grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2810.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2815.0	Sst	slty	30	cl-transl, occ wh-lt gy	L								20	80	100	10	40	30	20			100	SA	SR	P		SE	SS							Py	0.1										g	10	N		Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 10% very fine grained, 40% fine grained, 30% medium grained, 20% coarse grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2815.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2820.0	Sst	slty	30	cl-transl, occ wh-lt gy	L								20	80	100	10	40	30	20			100	SA	SR	P		SE	SS							Py	0.1										g	10	N		Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 10% very fine grained, 40% fine grained, 30% medium grained, 20% coarse grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2820.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2825.0	Sst	slty	40	cl-transl, occ wh-lt gy	L								20	80	100	10	40	30	20			100	SA	SR	P		SE	SS							Py	0.1										g	10	N	Trace coaly material.	Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 10% very fine grained, 40% fine grained, 30% medium grained, 20% coarse grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2825.0	Sltst	arg	60	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2830.0	Sst	slty	20	cl-transl, occ wh-lt gy	L								20	80	100	20	60	20				100	SA	SR	P		SE	SS							Py	0.1										g	10	N		Sandstone, cl-transl, occ wh-lt gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous silt, 80% siliceous sand, 20% very fine grained, 60% fine grained, 20% medium grained, 0.1% Pyrite, 10% porosity, no Hydrocarbon shows.
2830.0	Sltst	arg	80	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2835.0	Sst	slty	30	cl-transl, occ wh-lt gy	L	Fr		SB				15	10	75	100	20	60	20				100	SA	SR	M		SE	SS							Py	0.1									g	12	N		Sandstone, cl-transl, occ wh-lt gy, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 60% fine grained, 20% medium grained, 0.1% Pyrite, 12% porosity, no
2835.0	Sltst	arg	70	brnish gy	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2840.0	Sst	slty	50	cl-transl, occ wh-lt gy	L	Fr		SB				15	10	75	100	20	60	20				100	SA	SR	M		SE	SS							Py	0.1									g	12	N		Sandstone, cl-transl, occ wh-lt gy, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 60% fine grained, 20% medium grained, 0.1% Pyrite, 12% porosity, no
2840.0	Sltst	arg	50	brnish gy, occ brn blk	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, occ brn blk, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1%
2845.0	Sst	slty	50	cl-transl, occ wh-lt gy	L	Fr		SB				15	10	75	100	20	60	20				100	SA	SR	M		SE	SS							Py	0.1									g	12	N		Sandstone, cl-transl, occ wh-lt gy, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 60% fine grained, 20% medium grained, 0.1% Pyrite, 12% porosity, no
2845.0	Sltst	arg	50	brnish gy, occ brn blk	VS	S	A	Disp				40	60		100							0													Py	0.1	C	0.1											Siltstone, brnish gy, occ brn blk, Very soft, to Soft, amorphous, to dispersive, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.1%
2850.0	Sst	slty	70	cl-transl, occ wh-lt gy	L	Fr		SB				15	10	75	100	20	60	20				100	SA	SR	M		SE	SS							Py	0.1									g	15	N		Sandstone, cl-transl, occ wh-lt gy, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 60% fine grained, 20% medium grained, 0.1% Pyrite, 15% porosity, no
2850.0	Sltst	arg	30	brnish gy, occ brn blk	VS	S	SB	SF				10	90		100							0													Py	0.1	C	0.5										Very carbonaceous in part. Inter calated with fine sandstone in part.	Siltstone, brnish gy, occ brn blk, Very soft, to Soft, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 0.5%
2855.0	Sltst	arg	40	brnish gy, occ brn blk	VS	S	SB	SF				10	90		100							0													Py	0.1	C	0.5										Very carbonaceous in part. Inter calated with fine sandstone in part.	Siltstone, brnish gy, occ brn blk, Very soft, to Soft, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 0.5%
2855.0	Sst		60	cl-transl, occ wh	L	Fr		SB				10	10	80	100		20	20	40	20		100	SA	SR	M		SE	SS							Py	0.1									g	15	N	grading in part to Silty Sandstone	Sandstone, cl-transl, occ wh, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 20% fine grained, 20% medium grained, 40% coarse grained, 20% very coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon
2860.0	Sltst	arg	40	brnish gy, occ brn blk	VS	S	SB	SF				10	90		100							0													Py	0.1	C	0.5										Very carbonaceous in part. Inter calated with fine sandstone in part.	Siltstone, brnish gy, occ brn blk, Very soft, to Soft, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.1% Pyrite, 0.5%
2860.0	Sst		60	cl-transl, occ wh	L	Fr		SB				15	10	75	100		10	20	50	10		90	SA	SR	P		SE	SS							Py	0.1	C	0.1										Intercalates with Siltstone in part	Sandstone, cl-transl, occ wh, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 10% very coarse grained, 0.1% Pyrite, 0.1% Coal, 15% porosity, no
2865.0	Sltst		40	brnish gy	VS	F	SB	SF				15	85		100							0															C	0.1										Common carbonaceous specks and laminae. Inter calated with fine sandstone in part.	Siltstone, brnish gy, Very soft, to Firm, sub-blocky, to sub-fissile, 15% siliceous clay, 85% siliceous silt, 0.1% Coal,

Lithology							Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
							Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2865.0	Sst		60	cl-transl, occ wh	L	Fr		SB				15	10	75	100		10	20	50	10		90	SA	SR	P		SE	SS							Py	0.1	C	0.1									g	15	N	Intercalates with Siltstone in part	Sandstone, cl-transl, occ wh, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 10% very coarse grained, 0.1% Pyrite, 0.1% Coal, 15% porosity, no
2870.0	Sltst		40	brnish gy	VS	F	SB	SF				15	85		100							0														C	0.1											Common carbonaceous specks and laminae. Inter calated with fine sandstone in part.	Siltstone, brnish gy, Very soft, to Firm, sub-blocky, to sub-fissile, 15% siliceous clay, 85% siliceous silt, 0.1% Coal,
2870.0	Sst		60	cl-transl, occ wh	L	Fr		SB				15	10	75	100		10	20	50	10		90	SA	SR	P		SE	SS							Py	0.1	C	0.1									g	15	N	Intercalates with Siltstone in part	Sandstone, cl-transl, occ wh, Loose, to Friable, to sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 10% very coarse grained, 0.1% Pyrite, 0.1% Coal, 15% porosity, no
2875.0	Sltst		20	brnish gy	VS	F	SB	SF				15	85		100							0														C	0.1												Siltstone, brnish gy, Very soft, to Firm, sub-blocky, to sub-fissile, 15% siliceous clay, 85% siliceous silt, 0.1% Coal,
2875.0	Sst		80	cl-transl, wh	L	Fr		SB				15	10	75	100		10	70	10			90	SA	R	M		SE	S							Py	0.1	C	0.1									g	20	N		Sandstone, cl-transl, wh, Loose, to Friable, to sub-blocky, Sub-angular, to Rounded, Moderately sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 10% fine grained, 70% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 20% porosity, no Hydrocarbon
2880.0	Sltst		20	brnish gy	VS	F	SB	SF				15	85		100							0														C	0.1												Siltstone, brnish gy, Very soft, to Firm, sub-blocky, to sub-fissile, 15% siliceous clay, 85% siliceous silt, 0.1% Coal,
2880.0	Sst		80	cl-transl, wh	L	Fr		SB				15	10	75	100		20	60	10			90	SA	R	M		SE	S							Py	0.1	C	0.1									g	20	N		Sandstone, cl-transl, wh, Loose, to Friable, to sub-blocky, Sub-angular, to Rounded, Moderately sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% fine grained, 60% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 20% porosity, no Hydrocarbon
2885.0	Sltst		20	brnish gy	VS	F	SB	SF				15	85		100							0														C	0.1												Siltstone, brnish gy, Very soft, to Firm, sub-blocky, to sub-fissile, 15% siliceous clay, 85% siliceous silt, 0.1% Coal,
2885.0	Sst	arg	80	cl-transl, wh	L	Fr		SB				20	10	70	100		20	60	10			90	SA	R	M		SE	S							Py	0.1	C	0.1									g	12	N		Sandstone, cl-transl, wh, Loose, to Friable, to sub-blocky, Sub-angular, to Rounded, Moderately sorted, Slightly Elongated, to Spherical, 20% siliceous clay, 10% siliceous silt, 70% siliceous sand, 20% fine grained, 60% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2890.0	Sltst	arg	40	brnish gy	VS	S	A	SB				20	80		100							0														C	0.1												Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Coal,
2890.0	Sst		60	cl-transl, wh	L							10	10	80	100	10	20	60	10			100	SA	SR	P		SE	S							Py	0.1	C	0.1									g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 60% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2895.0	Sltst	arg	40	brnish gy	VS	F	A	SB				30	70		100							0														C	0.1												Siltstone, brnish gy, Very soft, to Firm, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2895.0	Sst		60	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2900.0	Sltst	arg	40	brnish gy	VS	F	A	SB				30	70		100							0													C	0.1												Siltstone, brnish gy, Very soft, to Firm, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2900.0	Sst		70	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2905.0	Sltst	carb	10	brnish gy	VS	S	A	SB				30	70		100							0													C	5												Abundant carbonaceous fragments.	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 5% Coal,
2905.0	Sst		90	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2910.0	Sltst	carb	30	brnish gy	VS	S	A	SB				30	70		100							0													C	5												Abundant carbonaceous fragments.	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 5% Coal,
2910.0	Sst		70	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2915.0	Sltst	carb	30	brnish gy	VS	S	A	SB				30	70		100							0													C	10												Abundant carbonaceous & coaly fragments.	Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 10% Coal,
2915.0	Sst		70	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2920.0	Sltst	carb	90	brnish gy	VS	S	A	SB				30	70		100							0													C	1													Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 1% Coal,
2920.0	Sst		10	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon
2925.0	Sst		30	cl-transl, wh	L							10	10	80	100	10	20	50	10			90	SA	SR	P		SE	SS						Py	0.1	C	0.1								g	12	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 12% porosity, no Hydrocarbon

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2925.0	Sltst	carb	70	brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2930.0	Sst		70	cl-transl, wh	L							10	10	80	100	10	20	40	10	10		90	SA	SR	P		SE	SS						Py	0.1	C	0.1									g	20	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous clay, 10% siliceous silt, 80% siliceous sand, 10% very fine grained, 20% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Pyrite, 0.1% Coal, 20% porosity, no Hydrocarbon
2930.0	Sltst	carb	30	brnish gy, lt brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, lt brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2935.0	Sltst	carb	60	brnish gy, lt brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, lt brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2935.0	Sst		40	cl-transl, wh	L								10	90	100	10	20	40	10	10		90	SA	SR	P		SE	SS						Py	0.1											g	15	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous silt, 90% siliceous sand, 10% very fine grained, 20% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no
2940.0	Sst		30	cl-transl, wh	L								10	90	100	10	20	40	10	10		90	SA	SR	P		SE	SS						Py	0.1											g	15	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous silt, 90% siliceous sand, 10% very fine grained, 20% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no
2940.0	Sltst	arg	70	brnish gy, lt brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, lt brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2945.0	Sst		30	cl-transl, wh	L								10	90	100	10	20	40	10	10		90	SA	SR	P		SE	SS						Py	0.1											g	15	N		Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous silt, 90% siliceous sand, 10% very fine grained, 20% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no
2945.0	Sltst	arg	70	brnish gy, lt brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, lt brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2950.0	Sst		40	cl-transl, wh	L								10	90	100	10	20	40	10	10		90	SA	SR	P		SE	SS						Py	0.1											g	15	N	12.25" hole section TD at 2956 mMDRT.	Sandstone, cl-transl, wh, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 10% siliceous silt, 90% siliceous sand, 10% very fine grained, 20% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Pyrite, 15% porosity, no
2950.0	Sltst	arg	60	brnish gy, lt brnish gy	VS	S	A	SB				30	70		100							0												C	0.1													Siltstone, brnish gy, lt brnish gy, Very soft, to Soft, amorphous, to sub-blocky, 30% siliceous clay, 70% siliceous silt, 0.1% Coal,
2956.0	Sltst	arg	100	lt brnish gy	VS	S	A	Disp				20	70	10	100							0	SA	SR	P		SE	SS						Py	0.1	C	0.1									g	5	N	Highly contaminated with cement.	Siltstone, lt brnish gy, Very soft, to Soft, amorphous, to dispersive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 70% siliceous silt, 10% siliceous sand, 0.1% Pyrite, 0.1% Coal, 5% porosity, no Hydrocarbon shows.
2960.0	Sltst	arg	100	lt brnish gy	S	F	SB	B				20	80		100							0												Py	0.1	C	0.1											Slightly contaminated with cement.	Siltstone, lt brnish gy, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
2960.0	Sltst	arg	100	lt brnish gy	S	F	SB	B				20	80		100							0												Py	0.1	C	0.1											Siltstone, lt brnish gy, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1% Coal,
2965.0	Sltst	arg	100	lt brnish gy, med brnish gy-dk brn	S	F	SB	B				20	80		100							0												Py	0.1	C	1										Had to move to 10m samples due to high ROP of 60 m/hr	Siltstone, lt brnish gy, med brnish gy-dk brn, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
2975.0	Sst		10	cl-transl, wh	L	Fr	M							100	100	10	60	30				100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N	Weak calcite cement with weak orange mineral fluorescence only.	Sandstone, cl-transl, wh, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Calcite cement, 0.1% Pyrite, 10% porosity,
2975.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn	S	F	SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
2980.0	Sst		10	cl-transl, wh	L	Fr	M							100	100	10	60	30				100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N	Weak calcite cement with weak orange mineral fluorescence only.	Sandstone, cl-transl, wh, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Calcite cement, 0.1% Pyrite, 10% porosity,
2980.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn	S	F	SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
2990.0	Sst		10	cl-transl, wh-gy	L	Fr	B							100	100	10	60	30				100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N		Sandstone, cl-transl, wh-gy, Loose, to Friable, blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Calcite cement, 0.1% Pyrite, 10% porosity,
2990.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn	S	F	SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
3000.0	Sst		15	cl-transl, wh-gy	L	Fr	B							100	100	10	50	30	10			100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	15	N	Mineral fluorescence only.	Sandstone, cl-transl, wh-gy, Loose, to Friable, blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 50% fine grained, 30% medium grained, 10% coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 15% porosity, no
3000.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn	F	MH	SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, Firm, to Moderately hard, sub blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1%
3010.0	Sst		10	cl-transl, wh-gy	L	Fr	B							100	100	10	50	30	10			100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	15	N	Mineral fluorescence only.	Sandstone, cl-transl, wh-gy, Loose, to Friable, blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 50% fine grained, 30% medium grained, 10% coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 15% porosity, no
3010.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn, dk gy	F		SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, dk gy, Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
3020.0	Sst		10	cl-transl, wh-gy	L	Fr	B							100	100	10	50	30	10			100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N	Occassional aggregates loosely cemented with weak calcite cement.	Sandstone, cl-transl, wh-gy, Loose, to Friable, blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 50% fine grained, 30% medium grained, 10% coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 10% porosity, no
3020.0	Sltst	arg	90	lt brnish gy, med brnish gy-dk brn, dk gy	F		SB	B				20	80		100							0												Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, dk gy, Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3030.0	Sst		30	cl-transl, wh-gy	L	Fr	B							100	100	10	30	40	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	20	N		Sandstone, cl-transl, wh-gy, Loose, to Friable, blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 30% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no Hydrocarbon
3030.0	Sltst	arg	70	lt brnish gy, med brnish gy-dk brn, dk gy	F		SB	B				20	80		100							0													Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, dk gy, Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
3040.0	Sst		40	cl-transl, wh-gy	L	Fr	M							100	100	10	30	40	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	20	N		Sandstone, cl-transl, wh-gy, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 30% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no Hydrocarbon
3040.0	Sltst	arg	60	lt brnish gy, med brnish gy-dk brn, dk gy	F		SB	B				20	80		100							0													Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, dk gy, Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
3050.0	Sst	arg	40	cl-transl, wh-gy	L	Fr	M					20		80	100	10	30	40	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	20	N	Sand is argillaceous in part when in aggregate.	Sandstone, cl-transl, wh-gy, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 10% very fine grained, 30% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no
3050.0	Sltst	arg	60	lt brnish gy, med brnish gy-dk brn, dk gy	F		SB	B				20	80		100							0													Py	0.1	C	1											Siltstone, lt brnish gy, med brnish gy-dk brn, dk gy, Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 1% Coal,
3060.0	Sst		80	cl-transl, wh	L	Fr	M							100	100	10	30	40	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	25	N	Mineral fluorescence from weak calcite cement. Common aggregates.	Sandstone, cl-transl, wh, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 30% fine grained, 40% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 25% porosity, no Hydrocarbon
3060.0	Sltst	arg	20	med brn-dk brn, dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn-dk brn, dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3070.0	Sltst	arg	40	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3070.0	Sst	arg	60	cl-transl, wh, lt gy	L	Fr	M					20		80	100	10	50	20	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N	Mineral fluorescence only from rare weak calcite cement. Common aggregates.	Sandstone, cl-transl, wh, lt gy, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 10% very fine grained, 50% fine grained, 20% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,
3080.0	Sltst	arg	70	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3080.0	Sst	arg	30	cl-transl, wh, lt gy	L	Fr	M					20		80	100	10	50	20	10	10		100	SA	SR	P		SE	SS			C	0.1			Py	0.1									g	10	N	Rare mineral fluorescence.	Sandstone, cl-transl, wh, lt gy, Loose, to Friable, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 10% very fine grained, 50% fine grained, 20% medium grained, 10% coarse grained, 10% very coarse grained, 0.1% Calcite cement, 0.1% Pyrite,

Lithology									Grains							Grain Size and Characteristics									Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3090.0	Sst	arg	30	wh, lt gy	S	Fr	SB					30		70	100	40	60					100	R	SA	W		SE	S			C	0.1			Py	0.1										g	5	N	Rare mineral fluorescence. Gradational to siltstone in part.	Sandstone, wh, lt gy, Soft, to Friable, sub-blocky, Rounded, to Sub-angular, Well sorted, Slightly Elongated, to Spherical, 30% siliceous clay, 70% siliceous sand, 40% very fine grained, 60% fine grained, 0.1% Calcite cement, 0.1% Pyrite, 5% porosity, no Hydrocarbon
3090.0	Sltst		60	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3090.0	Sst		10	clr, transl	L									100	100			50	50			100	SA	SR	W		E	SS	P	0.5					Py	0.5											20	Y	Very strong pyrite cement in part	Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Well sorted, Elongated, to Slightly Spherical, 100% siliceous sand, 50% medium grained, 50% coarse grained, 0.5% Pyrite cement, 0.5% Pyrite, 20% porosity, Hydrocarbon
3100.0	Sst		10	clr, transl	L									100	100			50	50			100	SA	SR	W		E	SS	P	0.5					Py	0.5											20	Y	Very strong pyrite cement in part	Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Well sorted, Elongated, to Slightly Spherical, 100% siliceous sand, 50% medium grained, 50% coarse grained, 0.5% Pyrite cement, 0.5% Pyrite, 20% porosity, Hydrocarbon
3100.0	Sst	arg	30	wh, lt gy	S	Fr	SB					30		70	100	40	60					100	R	SA	W		SE	S			C	0.1			Py	0.1										g	5	N	Rare mineral fluorescence. Gradational to siltstone in part.	Sandstone, wh, lt gy, Soft, to Friable, sub-blocky, Rounded, to Sub-angular, Well sorted, Slightly Elongated, to Spherical, 30% siliceous clay, 70% siliceous sand, 40% very fine grained, 60% fine grained, 0.1% Calcite cement, 0.1% Pyrite, 5% porosity, no Hydrocarbon
3100.0	Sltst		60	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3110.0	Sst		10	clr, transl	L									100	100			50	50			100	SA	SR	W		E	SS	P	0.5					Py	0.5											20	Y	Very strong pyrite cement in part	Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Well sorted, Elongated, to Slightly Spherical, 100% siliceous sand, 50% medium grained, 50% coarse grained, 0.5% Pyrite cement, 0.5% Pyrite, 20% porosity, Hydrocarbon
3110.0	Sst	arg	20	wh, lt gy	S	Fr	SB					30		70	100	40	60					100	R	SA	W		SE	S			C	0.1			Py	0.1										g	5	N	Rare mineral fluorescence. Gradational to siltstone in part.	Sandstone, wh, lt gy, Soft, to Friable, sub-blocky, Rounded, to Sub-angular, Well sorted, Slightly Elongated, to Spherical, 30% siliceous clay, 70% siliceous sand, 40% very fine grained, 60% fine grained, 0.1% Calcite cement, 0.1% Pyrite, 5% porosity, no Hydrocarbon
3110.0	Sltst		70	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3120.0	Sst		20	clr, transl	L									100	100			40	60			100	SA	SR	W		E	SS	P	0.5					Py	0.5											20	Y		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Well sorted, Elongated, to Slightly Spherical, 100% siliceous sand, 40% medium grained, 60% coarse grained, 0.5% Pyrite cement, 0.5% Pyrite, 20% porosity, Hydrocarbon
3120.0	Sst	arg	20	wh, lt gy	S	Fr	SB					30		70	100	40	60					100	R	SA	W		SE	S			C	0.1			Py	0.1										g	5	N	Gradational to siltstone in part.	Sandstone, wh, lt gy, Soft, to Friable, sub-blocky, Rounded, to Sub-angular, Well sorted, Slightly Elongated, to Spherical, 30% siliceous clay, 70% siliceous sand, 40% very fine grained, 60% fine grained, 0.1% Calcite cement, 0.1% Pyrite, 5% porosity, no Hydrocarbon
3120.0	Sltst		60	med brn, lt gy-dk gy	F	MH	SB	B				20	80		100							0													Py	0.1	C	0.1											Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1%
3125.0	Sst	arg	10	wh, v lt gy	S	Fr	SB					30		70	100	40	60					100	R	SA	W		SE	S			C	0.1			Py	0.1										g	5	N	Gradational to siltstone in part.	Sandstone, wh, v lt gy, Soft, to Friable, sub-blocky, Rounded, to Sub-angular, Well sorted, Slightly Elongated, to Spherical, 30% siliceous clay, 70% siliceous sand, 40% very fine grained, 60% fine grained, 0.1% Calcite cement, 0.1% Pyrite, 5% porosity, no Hydrocarbon

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3125.0	Sltst		90	med brn, lt gy-dk gy	F	MH	SB	B				15	85		100							0												Py	0.1	C	0.1												Siltstone, med brn, lt gy-dk gy, Firm, to Moderately hard, sub-blocky, to blocky, 15% siliceous clay, 85% siliceous silt, 0.1% Pyrite, 0.1%
3145.0	Sst		40	clr, transl, v lt gy	L	Fr	SB					15	10	75	100	20	20	30	30			100	R	SA	P		SE	S			C	0.1			Py	0.1											g	15	Y	Aggregates are very fine to fine grained. Loose fraction is medium to coarse.	Sandstone, clr, transl, v lt gy, Loose, to Friable, sub-blocky, Rounded, to Sub-angular, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 20% fine grained, 30% medium grained, 30% coarse grained, 0.1% Calcite cement, 0.1% Pyrite, 15% porosity, Hydrocarbon
3145.0	C		1	blk, brnish blk	Fr	F	SB	Conc					15		15							0												Py	0.1														Trace Coal, silty in part.	Coal, blk, brnish blk, Friable, to Firm, sub-blocky, to conchoidal, 15% siliceous silt, 0.1% Pyrite,
3145.0	Sltst		60	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5														Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3150.0	Sltst		70	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5														Gradational to Carbonaceous Siltstone in part.	Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3150.0	Sst		30	clr, transl, v lt gy	L	Fr	SB					15	10	75	100	20	20	30	30			100	R	SA	P		SE	S			C	0.1			Py	0.1											g	15		Aggregates are very fine to fine grained. Loose fraction is medium to coarse.	Sandstone, clr, transl, v lt gy, Loose, to Friable, sub-blocky, Rounded, to Sub-angular, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 20% very fine grained, 20% fine grained, 30% medium grained, 30% coarse grained, 0.1% Calcite cement, 0.1%
3160.0	Sst		40	clr, transl, v lt brnish gy	L	Fr	SB					15	10	75	100	30	20	30	20			100	R	A	P		SE	S			C	0.1			Py	0.1											g	15		Aggregates are very fine to fine grained and well sorted. Loose fraction is medium to coarse.	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Rounded, to Angular, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 10% siliceous silt, 75% siliceous sand, 30% very fine grained, 20% fine grained, 30% medium grained, 20% coarse grained, 0.1% Calcite cement, 0.1%
3160.0	Sltst		60	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5														Gradational to Carbonaceous Siltstone in part.	Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3165.0	Sst		40	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	5	10	35	50			100	SR	A	M		SE	S							Py	0.1											g	20		Dominantly loose sand.	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Sub-rounded, to Angular, Moderately sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 5% very fine grained, 10% fine grained, 35% medium grained, 50% coarse grained, 0.1% Pyrite, 20% porosity,
3165.0	Sltst		60	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5														Gradational to Carbonaceous Siltstone in part.	Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3175.0	Sst		20	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	5	10	35	50			100	SR	A	M		SE	S							Py	0.1											g	20		Dominantly loose sand.	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Sub-rounded, to Angular, Moderately sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 5% very fine grained, 10% fine grained, 35% medium grained, 50% coarse grained, 0.1% Pyrite, 20% porosity,
3175.0	Sltst		80	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5															Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3180.0	Sst		20	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	5	10	35	50			100	SR	A	M		SE	S						Py	0.1											g	20		Dominantly loose sand.	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Sub-rounded, to Angular, Moderately sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 5% very fine grained, 10% fine grained, 35% medium grained, 50% coarse grained, 0.1% Pyrite, 20% porosity.
3180.0	Sltst		80	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3185.0	Sst		30	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	5	10	35	50			100	SR	A	M		SE	S						Py	0.1											g	20			Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Sub-rounded, to Angular, Moderately sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 5% very fine grained, 10% fine grained, 35% medium grained, 50% coarse grained, 0.1% Pyrite, 20% porosity.
3185.0	Sltst		70	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3195.0	Sst		40	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	20	30	20	30			100	R	A	P		SE	S						Py	0.1											g	10			Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Rounded, to Angular, Poor sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 20% very fine grained, 30% fine grained, 20% medium grained, 30% coarse grained, 0.1% Pyrite, 10% porosity.
3195.0	Sltst		60	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3205.0	Sst		20	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	20	30	20	30			100	R	A	P		SE	S						Py	0.1											g	10		Trace Dolomite	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Rounded, to Angular, Poor sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 20% very fine grained, 30% fine grained, 20% medium grained, 30% coarse grained, 0.1% Pyrite, 10% porosity.
3205.0	Sltst		80	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3210.0	Sltst		70	brnish gy, lt brnish gy, occasionally brn blk	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy, occasionally brn blk, Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3210.0	Sst		30	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	20	30	20	30			100	R	A	P		SE	S						Py	0.1											g	10		Trace Dolomite	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Rounded, to Angular, Poor sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 20% very fine grained, 30% fine grained, 20% medium grained, 30% coarse grained, 0.1% Pyrite, 10% porosity.
3215.0	Sst		30	clr, transl, v lt brnish gy	L	Fr	SB					5	5	90	100	5	5	35	55			100	SA	SR	M		SE	S			P	0.1	D	0.1	Py	0.1											g	10		Trace hard brittle Dolomite	Sandstone, clr, transl, v lt brnish gy, Loose, to Friable, sub-blocky, Sub-angular, to Sub-rounded, Moderately sorted, Slightly Elongated, to Spherical, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 5% very fine grained, 5% fine grained, 35% medium grained, 55% coarse grained, 0.1% Pyrite cement, 0.1% Dolomite cement, 0.1% Pyrite, 10%
3215.0	Sltst		69	brnish gy, lt brnish gy.	S	Fr	SB	SF				10	90		100							0														C	0.5													Siltstone, brnish gy, lt brnish gy., Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																			
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3215.0	Dol		1	lt brn	MH	H	B	Conc							0							0																									Hard cryptocryatalline and brittle	Dolomite, lt brn, Moderately hard, to Hard, blocky, to conchoidal,
3220.0	Sst		70	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	R	P		SE	S	Q	0.1			D	0.1	Py	0.1									g	15		Trace hard brittle Dolomite	Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement, 0.1% Dolomite cement, 0.1% Pyrite, 15%
3220.0	Sltst		30	brnish gy, lt brnish gy.	S	Fr	SB	SF				10	90		100							0													C	0.5											Siltstone, brnish gy, lt brnish gy., Soft, to Friable, sub-blocky, to sub-fissile, 10% siliceous clay, 90% siliceous silt, 0.5% Coal,
3225.0	Sltst		70	brnish gy, brnish blk	S	Fr	SB	SF				5	90	5	100							0													C	0.5	Py	0.1									very carbonaceous in part, occasionally gradational to Carbonaceous Siltstone.	Siltstone, brnish gy, brnish blk, Soft, to Friable, sub-blocky, to sub-fissile, 5% siliceous clay, 90% siliceous silt, 5% siliceous sand, 0.5% Coal, 0.1% Pyrite,
3225.0	Sst		30	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	R	P		SE	S	Q	0.1			D	0.1	Py	0.1									g	15		Trace hard brittle Dolomite	Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement, 0.1% Dolomite cement, 0.1% Pyrite, 15%
3230.0	Sst		20	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	R	P		SE	S	Q	0.1			D	0.1	Py	0.1									g	15		Trace hard brittle Dolomite	Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement, 0.1% Dolomite cement, 0.1% Pyrite, 15%
3230.0	Sltst		80	brnish gy, brnish blk	S	Fr	SB	SF				5	90	5	100							0													C	0.5	Py	0.1									very carbonaceous in part, occasionally gradational to Carbonaceous Siltstone.	Siltstone, brnish gy, brnish blk, Soft, to Friable, sub-blocky, to sub-fissile, 5% siliceous clay, 90% siliceous silt, 5% siliceous sand, 0.5% Coal, 0.1% Pyrite,
3235.0	Sst		20	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	SR	P		SE	S	Q	0.1					Py	0.1									g	15	Y	Trace light green pinpoint fluorescence. No crush cut in UV light. Very weak dark blue residual ring in UV light.	Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement, 0.1% Pyrite, 15% porosity.
3235.0	Sltst	arg	80	brnish gy, brnish blk	S	Fr	SB	SF				20	80		100							0													C	0.5	Py	0.1										Siltstone, brnish gy, brnish blk, Soft, to Friable, sub-blocky, to sub-fissile, 20% siliceous clay, 80% siliceous silt, 0.5% Coal, 0.1% Pyrite,
3240.0	Sst		50	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	SR	P		SE	S	Q	0.1					Py	0.1									g	15			Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement,
3240.0	Sltst	arg	50	brnish gy, brnish blk	S	Fr	SB	SF				20	80		100							0													C	0.5	Py	0.1										Siltstone, brnish gy, brnish blk, Soft, to Friable, sub-blocky, to sub-fissile, 20% siliceous clay, 80% siliceous silt, 0.5% Coal, 0.1% Pyrite,
3245.0	Sst		5	clr, transl, v lt gy, wh	L	Fr	SB					15	5	80	100	10	10	30	50			100	SA	SR	P		SE	S	Q	0.1					Py	0.1									g	15			Sandstone, clr, transl, v lt gy, wh, Loose, to Friable, sub-blocky, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Spherical, 15% siliceous clay, 5% siliceous silt, 80% siliceous sand, 10% very fine grained, 10% fine grained, 30% medium grained, 50% coarse grained, 0.1% Silica cement,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3245.0	Sltst	arg	95	brnish gy, brnish blk	S	Fr	SB	SF				20	80		100							0													C	0.5	Py	0.1										Siltstone, brnish gy, brnish blk, Soft, to Friable, sub-blocky, to sub-fissile, 20% siliceous clay, 80% siliceous silt, 0.5% Coal, 0.1% Pyrite,
3250.0	Sst		0.1	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	5		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 5% porosity,
3250.0	Sltst	arg	100	brnish gy, brnish blk	S	MH	SB	SF				20	80		100							0													C	5	Py	0.1									g	5	Y	Very abundant carbonaceous laminations. Trace pin-point fluorescence.	Siltstone, brnish gy, brnish blk, Soft, to Moderately hard, sub-blocky, to sub-fissile, 20% siliceous clay, 80% siliceous silt, 5% Coal, 0.1% Pyrite, 5% porosity, Hydrocarbon shows.
3255.0	Sst		0.1	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	5	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 5% porosity, no Hydrocarbon shows.
3255.0	Sltst	arg	100	brnish gy, brnish blk	S	MH	SB	SF				20	80		100							0													C	5	Py	0.1											Very abundant carbonaceous laminations.	Siltstone, brnish gy, brnish blk, Soft, to Moderately hard, sub-blocky, to sub-fissile, 20% siliceous clay, 80% siliceous silt, 5% Coal, 0.1% Pyrite,
3260.0	Sst		10	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	5	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 5% porosity, no Hydrocarbon shows.
3260.0	Sltst	arg	90	brnish gy, brnish blk	VS	F	A	SB				40	60		100							0													C	5	Py	0.1											Clay-rich.	Siltstone, brnish gy, brnish blk, Very soft, to Firm, amorphous, to sub-blocky, 40% siliceous clay, 60% siliceous silt, 5% Coal, 0.1% Pyrite,
3265.0	Sst		30	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	15	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon
3265.0	Sltst	arg	70	brnish gy, brnish blk	VS	F	A	SB				40	60		100							0													C	5	Py	0.1												Siltstone, brnish gy, brnish blk, Very soft, to Firm, amorphous, to sub-blocky, 40% siliceous clay, 60% siliceous silt, 5% Coal, 0.1% Pyrite,
3270.0	Sst		40	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	15	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon
3270.0	Sltst	arg	60	brnish gy, brnish blk	S	F	SB	B				40	60		100							0													C	5	Py	0.1												Siltstone, brnish gy, brnish blk, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 5% Coal, 0.1% Pyrite,
3275.0	Sst		30	clr, transl	L									100	100	10	60	30				100	SA	SR	P		SE	SS							Py	0.1									g	15	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon
3275.0	Sltst	arg	70	brnish gy, brnish blk	S	F	SB	B				40	60		100							0													C	5	Py	0.1												Siltstone, brnish gy, brnish blk, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 5% Coal, 0.1% Pyrite,
3280.0	Sst		30	clr, transl	L									100	100	10	50	30	10			100	SA	SR	P		SE	SS							Py	0.1									g	15	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 50% fine grained, 30% medium grained, 10% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows.
3280.0	Sltst	arg	70	brnish gy, lt brnish blk	S	F	SB	B				40	60		100							0													C	1	Py	0.1												Siltstone, brnish gy, lt brnish blk, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 1% Coal, 0.1% Pyrite,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3285.0	Sst		70	clr, transl	L									100	100	10	50	30	10			100	SA	SR	P		SE	SS							Py	0.1											g	15	N		Sandstone, clr, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 10% very fine grained, 50% fine grained, 30% medium grained, 10% coarse grained, 0.1% Pyrite, 15% porosity, no Hydrocarbon shows.
3285.0	Sltst	arg	30	brnish gy, lt brnish blk	S	F	SB	B				40	60		100							0													Py	0.1	C	0.2												Siltstone, brnish gy, lt brnish blk, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.2% Coal,
3290.0	Sltst	arg	90	brnish gy, lt brnish blk	S	F	SB	B				40	60		100							0													Py	0.1	C	0.2												Siltstone, brnish gy, lt brnish blk, Soft, to Firm, sub-blocky, to blocky, 40% siliceous clay, 60% siliceous silt, 0.1% Pyrite, 0.2% Coal,
3290.0	Clyst	cal	10	wh	VS	S	A	Disp	20			80			100							0																											Possible proximal volcanic source rock	Claystone, wh, Very soft, to Soft, amorphous, to dispersive, 20% calcerous clay, 80% siliceous clay,
3295.0	Sst	kaol	80	wh, transl	L							20		80	100	10	40	30	20			100	SA	SR	P		SE	SS							Py	0.1											g	10	N	posible proximal volcanic source rock.	Sandstone, wh, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 10% very fine grained, 40% fine grained, 30% medium grained, 20% coarse grained, 0.1% Pyrite, 10% porosity,
3295.0	Sltst	arg	20	dk brn, med brn	F	MH	SB	B				20	80		100							0													Py	5														Siltstone, dk brn, med brn, Firm, to Moderately hard, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 5% Pyrite,
3300.0	Sltst	arg	20	dk brn, med brn	S	F	SB	B				20	80		100							0													Py	0.1														Siltstone, dk brn, med brn, Soft, to Firm, sub-blocky, to blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite,
3300.0	Clyst	kaol	80	wh-lt gy	VS	S	A	Disp				100			100							0													Py	0.1														possible proximal volcanic source rock, trace very hard dark brown-black fragments with relict crystalline texture(?)	Claystone, wh-lt gy, Very soft, to Soft, amorphous, to dispersive, 100% siliceous clay, 0.1% Pyrite,
3305.0	Sst	kaol	50	wh, transl	L							20		80	100	10	60	30				100	SA	SR	P		SE	SS			Q	0.1			Py	0.1											g	10	N	Weakly cemented with non-calcareous clay. No hydrocarbon fluorescence.	Sandstone, wh, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 10% very fine grained, 60% fine grained, 30% medium grained, 0.1% Silica cement, 0.1% Pyrite, 10% porosity,
3305.0	Sltst	arg	50	dk brn, med brn	F	MH	SB	Sp				20	80		100							0													Py	0.1	C	5												Common splintery fragments of hard and shiny coaly fragments.	Siltstone, dk brn, med brn, Firm, to Moderately hard, sub-blocky, to splintery, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 5% Coal,
3310.0	Sst	kaol	95	wh, transl	L							20		80	100	30	60	10				100	SA	SR	P		SE	SS			C	0.1			Py	0.1											g	10	N	Weakly cemented with calcareous clay. No hydrocarbon fluorescence.	Sandstone, wh, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 30% very fine grained, 60% fine grained, 10% medium grained, 0.1% Calcite cement, 0.1% Pyrite, 10% porosity,
3310.0	Sltst	arg	5	dk brn, med brn	F	MH	SB	Sp				20	80		100							0													Py	0.1														Siltstone, dk brn, med brn, Firm, to Moderately hard, sub-blocky, to splintery, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite,
3315.0	Sltst	arg	5	dk brn, med brn	F	MH	SB	Sp				20	80		100							0													Py	1														Siltstone, dk brn, med brn, Firm, to Moderately hard, sub-blocky, to splintery, 20% siliceous clay, 80% siliceous silt, 1% Pyrite,
3315.0	Sst	kaol	95	wh, transl	L							20		80	100	30	60	10				100	SA	SR	P		SE	SS			C	5			Py	5											g	15	N	Weakly cemented with calcareous clay. No hydrocarbon fluorescence. Common pyrite.	Sandstone, wh, transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 30% very fine grained, 60% fine grained, 10% medium grained, 5% Calcite cement, 5% Pyrite, 15% porosity, no
3320.0	Sltst	arg	5	dk brn, med brn	F	MH	SB	Sp				20	80		100							0													Py	1														Siltstone, dk brn, med brn, Firm, to Moderately hard, sub-blocky, to splintery, 20% siliceous clay, 80% siliceous silt, 1% Pyrite,

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																			
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3320.0	Sst	kaol	95	wh, transl	L	F	M					20		80	100	30	60	10				100	SA	SR	P		SE	SS			C	5			Py	5											g	15	N	Weakly cemented with calcareous clay. No hydrocarbon fluorescence. Common pyrite.	Sandstone, wh, transl, Loose, to Firm, massive, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 20% siliceous clay, 80% siliceous sand, 30% very fine grained, 60% fine grained, 10% medium grained, 5% Calcite cement, 5% Pyrite, 15%
3325.0	Vol	kaol	95	lt gn-gy, wh-lt-gy	VS	S	A	Disp	10			90			100							0													Py	1														Very highly weathered to pale amorphous clay. Rare relict crystalline texture noted in clay fragments. Weakly calcareous.	Volcanic, lt gn-gy, wh-lt-gy, Very soft, to Soft, amorphous, to dispersive, 10% calcerous clay, 90% siliceous clay, 1% Pyrite,
3325.0	Sst	kaol	5	cl-transl	L									100	100	30	60	10				100	SA	SR	P		SE	SS							Py	5											g	5	N	Common pyrite.	Sandstone, cl-transl, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 30% very fine grained, 60% fine grained, 10% medium grained, 5% Pyrite, 5% porosity, no Hydrocarbon shows.
3330.0	Sst	kaol	5	cl-transl	L									100	100	30	60	10				100	A	SA	P		E	SE					C	0.1	Py	5											g	5	N	Common pyrite.	Sandstone, cl-transl, Loose, Angular, to Sub-angular, Poor sorted, Elongated, to Slightly Elongated, 100% siliceous sand, 30% very fine grained, 60% fine grained, 10% medium grained, 0.1% Calcite cement, 5% Pyrite, 5% porosity, no
3330.0	Vol	kaol	95	wh-lt-gy	S	Fr	A	M	10			90			100							0											C	0.1	Py	1														Very highly weathered to pale amorphous clay. Rare relict crystalline texture noted in clay fragments. Weakly calcareous.	Volcanic, wh-lt-gy, Soft, to Friable, amorphous, to massive, 10% calcerous clay, 90% siliceous clay, 0.1% Calcite cement, 1% Pyrite,
3335.0	Sst		5	cl-transl	L									100	100	60	30	10				100	A	SA	P		SE	SS							Py	0.1											g	5	N	Common pyrite.	Sandstone, cl-transl, Loose, Angular, to Sub-angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 60% very fine grained, 30% fine grained, 10% medium grained, 0.1% Pyrite, 5% porosity, no Hydrocarbon shows.
3335.0	Vol	kaol	95	wh-lt-gy	VS	S	A	Disp				100			100							0													Py	5														Very highly weathered to pale amorphous clay (kaolinite?). Rare relict crystalline texture noted in clay	Volcanic, wh-lt-gy, Very soft, to Soft, amorphous, to dispersive, 100% siliceous clay, 5% Pyrite,
3340.0	Sst		5	cl-transl	L									100	100	60	30	10				100	A	SA	P		SE	SS							Py	0.1											g	5	N	Common pyrite.	Sandstone, cl-transl, Loose, Angular, to Sub-angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 60% very fine grained, 30% fine grained, 10% medium grained, 0.1% Pyrite, 5% porosity, no Hydrocarbon shows.
3340.0	Vol	kaol	95	wh-lt-gy, occasionally lt grn-gy, dusky grn.	VS	S	A	SB				100			100							0													Py	5														Very highly weathered to pale amorphous clay (kaolinite?). Occasionally firm with visible weathered green pyroxene, pyrite, calcite and quartz.	Volcanic, wh-lt-gy, occasionally lt grn-gy, dusky grn., Very soft, to Soft, amorphous, to sub-blocky, 100% siliceous clay, 5% Pyrite,
3345.0	Sst		20	cl-transl	L	Fr	SB		0.1					100	100.1			30	70			100	A	SA	W		VE	SE			P	0.5	C	0.1	Py	0.1											g	20	N	Common pyrite. Quartz grains often have a crystalline form and have a volcanic origin. Dull orange fluorescence from calcareous grain coating.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Sub-angular, Well sorted, Very Elongated, to Slightly Elongated, 0.1% calcerous clay, 100% siliceous sand, 30% medium grained, 70% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no Hydrocarbon shows.
3345.0	Vol		80	wh-lt-gy, grn-blk	VS	F	A	B				100			100							0													Py	5	Qx	10												Very highly weathered to clay in part. Also firm with visible weathered green pyroxene, pyrite, calcite and quartz.	Volcanic, wh-lt-gy, grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 10% Quartz crystals,
3350.0	Sst		70	cl-transl	L	Fr	SB		0.1					100	100.1			60	40			100	A	SA	W		VE	SE			P	0.5	C	0.1	Py	0.1											g	20	N	Common pyrite. Quartz grains often have a crystalline form and have a volcanic origin.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Sub-angular, Well sorted, Very Elongated, to Slightly Elongated, 0.1% calcerous clay, 100% siliceous sand, 60% medium grained, 40% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no Hydrocarbon shows.

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories												Visual				
									Calc			Siliciclas			%																																		
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3350.0	Vol		20	wh-lt-gy, grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	10											Very highly weathered to clay in part. Also firm with visible weathered green pyroxene, pyrite, calcite and quartz.	Volcanic, wh-lt-gy, grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 10% Quartz crystals,
3355.0	Vol		5	wh-lt-gy, grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	15											Very highly weathered to clay in part. Also firm with visible weathered green pyroxene, pyrite, calcite and quartz.	Volcanic, wh-lt-gy, grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 15% Quartz crystals,
3355.0	Sst		95	cl-transl	L	Fr	SB		0.1					100	100.1		20	70	10			100	A	R	M		SE	VS			P	0.5	C	0.1	Py	0.1									g	20	N		Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Rounded, Moderately sorted, Slightly Elongated, to Very Spherical, 0.1% calcerous clay, 100% siliceous sand, 20% fine grained, 70% medium grained, 10% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 0.1% Pyrite, 20% porosity, no Hydrocarbon shows.
3360.0	Vol		5	wh-lt-gy, rare grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	10											Commonly weathered to clay.	Volcanic, wh-lt-gy, rare grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 10% Quartz crystals,
3360.0	Sst		95	cl-transl	L	Fr	SB		0.1					100	100.1		30	60	10			100	A	R	W		SE	VS			P	0.5	C	0.1	Py	10									g	12	N	Highly pyritic 10% by volume.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Rounded, Well sorted, Slightly Elongated, to Very Spherical, 0.1% calcerous clay, 100% siliceous sand, 30% fine grained, 60% medium grained, 10% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 12% porosity, no
3365.0	Vol		5	wh-lt-gy, rare grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	10											Commonly weathered to clay.	Volcanic, wh-lt-gy, rare grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 10% Quartz crystals,
3365.0	Sst		95	cl-transl	L	Fr	SB		0.1					100	100.1			80	20			100	A	SR	W		SE	VS			P	0.5	C	0.1	Py	10									g	15	N	Highly pyritic 10% by volume.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Sub-rounded, Well sorted, Slightly Elongated, to Very Spherical, 0.1% calcerous clay, 100% siliceous sand, 80% medium grained, 20% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 15% porosity, no Hydrocarbon shows.
3370.0	Vol		5	wh-lt-gy, rare grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	15											Commonly weathered to clay.	Volcanic, wh-lt-gy, rare grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 15% Quartz crystals,
3370.0	Sst		95	cl-transl	L	Fr	SB		0.1					100	100.1			80	20			100	A	SR	W		SE	VS			P	0.5	C	0.1	Py	10									g	12	N	Highly pyritic 10% by volume.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Sub-rounded, Well sorted, Slightly Elongated, to Very Spherical, 0.1% calcerous clay, 100% siliceous sand, 80% medium grained, 20% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 12% porosity, no Hydrocarbon shows.
3375.0	Vol		10	wh-lt-gy, rare grn-blk	VS	F	A	B				100			100							0												Py	5	Qx	15											Commonly weathered to clay.	Volcanic, wh-lt-gy, rare grn-blk, Very soft, to Firm, amorphous, to blocky, 100% siliceous clay, 5% Pyrite, 15% Quartz crystals,
3375.0	Sst		90	cl-transl	L	Fr	SB		0.1					100	100.1			80	20			100	A	SR	W		SE	VS			P	0.5	C	0.1	Py	30									g	12	N	Highly pyritic 30% by volume.	Sandstone, cl-transl, Loose, to Friable, sub-blocky, Angular, to Sub-rounded, Well sorted, Slightly Elongated, to Very Spherical, 0.1% calcerous clay, 100% siliceous sand, 80% medium grained, 20% coarse grained, 0.5% Pyrite cement, 0.1% Calcite cement, 30% Pyrite, 12% porosity, no Hydrocarbon shows.
3385.0	Vol		30	wh-lt-gy, rare grn-blk, rare bluish gy.	VS	F	A	B				80			80							0												Py	5	Qx	10											Commonly weathered to clay.Occasional Chalcidony.	Volcanic, wh-lt-gy, rare grn-blk, rare bluish gy., Very soft, to Firm, amorphous, to blocky, 80% siliceous clay, 5% Pyrite, 10% Quartz

Lithology									Grains							Grain Size and Characteristics										Cements						Accessories														Visual				
									Calc			Siliciclas			%																																					
Depth(mRT)	Main Lithology	Qualifier (>20%)	% of rock	Colour	Hardness		Fracture		Clay (%)	Silt (%)	Sand (%)	Clay (%)	Silt (%)	Sand (%)	Total (100%)	Very Fine (%)	Fine (%)	Medium (%)	Coarse (%)	Very Coarse(%)	Granular (%)	Total (100%)	Roundness		Sorting		Sphericity		Type 1	%	Type 2	%	Type 3	%	Type 1	%	Type2	%	Type 3	%	Type 4	%	Type 5	%	Type 6	%	Type	%	HC Shows (y/n)	Lithology Summary	Detailed Description
3385.0	Sst		70	cl-transl, wh. v ly gy	L	F	SB		1			10		89	100	20	20	50	10			100	A	R	P		SE	VS			P	5	C	0.1	Py	20											g	10	N		Sandstone, cl-transl, wh. v ly gy, Loose, to Firm, sub-blocky, Angular, to Rounded, Poor sorted, Slightly Elongated, to Very Spherical, 1% calcerous clay, 10% siliceous clay, 89% siliceous sand, 20% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 5% Pyrite cement, 0.1% Calcite cement, 20% Pyrite, 10%
3385.0	Sltst		10	brnish gy	VS	S	SB					15	80	5	100							0												C	0.1														Siltstone, brnish gy, Very soft, to Soft, sub-blocky, 15% siliceous clay, 80% siliceous silt, 5% siliceous sand, 0.1% Coal,
3390.0	Vol		80	wh-lt-gy, bluish gy, grnish lt gy.	VS		A		5			95			100							0												Py	15	Qx	15													Commonly weathered to clay.Occasional Chalcidony.comon quartz crystals	Volcanic, wh-lt-gy, bluish gy, grnish lt gy., Very soft, amorphous, 5% calcerous clay, 95% siliceous clay, 15% Pyrite, 15% Quartz crystals,
3390.0	Sst		20	cl-transl, wh. v ly gy	L	F	SB		1			10		89	100	20	20	50	10			100	A	R	P		SE	VS			P	5	C	0.1	Py	20											g	10	N		Sandstone, cl-transl, wh. v ly gy, Loose, to Firm, sub-blocky, Angular, to Rounded, Poor sorted, Slightly Elongated, to Very Spherical, 1% calcerous clay, 10% siliceous clay, 89% siliceous sand, 20% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 5% Pyrite cement, 0.1% Calcite cement, 20% Pyrite, 10%
3395.0	Sst		20	cl-transl, wh. v ly gy	L	F	SB	M	1			10		89	100	20	20	50	10			100	A	R	P		SE	SS			P	5	C	0.1	Py	10											g	10	N	Adundant pyrite as cement and loose fragments.	Sandstone, cl-transl, wh. v ly gy, Loose, to Firm, sub-blocky, to massive, Angular, to Rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 1% calcerous clay, 10% siliceous clay, 89% siliceous sand, 20% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 10% porosity, no Hydrocarbon
3395.0	Vol		80	wh-lt-gy, bluish gy, grnish lt gy.	S	F	A	Sp	5			95			100							0												Py	10	Qx	15	Py	0.1	F	0.1								Rare recrystallised feldspathic volcanic textures in some fragments.	Volcanic, wh-lt-gy, bluish gy, grnish lt gy., Soft, to Firm, amorphous, to splintery, 5% calcerous clay, 95% siliceous clay, 10% Pyrite, 15% Quartz crystals, 0.1% Pyrite, 0.1%
3400.0	Sst		10	cl-transl, wh. v ly gy	L				1			10		89	100	20	20	50	10			100	SA	SR	P		SE	SS			P	5	C	0.1	Py	10											g	10	N	Adundant pyrite as cement and loose fragments.	Sandstone, cl-transl, wh. v ly gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 1% calcerous clay, 10% siliceous clay, 89% siliceous sand, 20% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 10%
3400.0	Vol	kaol	90	wh-lt-gy, bluish gy, grnish lt gy.	VS	H	A	Sp	5			95			100							0												Py	10	Qx	15	Py	0.1	F	0.1	Ce	0.1				Rare recrystallised feldspathic volcanic textures in some fragments. Trace chalcedony.	Volcanic, wh-lt-gy, bluish gy, grnish lt gy., Very soft, to Hard, amorphous, to splintery, 5% calcerous clay, 95% siliceous clay, 10% Pyrite, 15% Quartz crystals, 0.1% Pyrite, 0.1% Feldspar, 0.1% Chlorite,
3405.0	Sst		5	cl-transl, wh. v ly gy	L				1			10		89	100	20	20	50	10			100	SA	SR	P		SE	SS			P	5	C	0.1	Py	10											g	10	N	Adundant pyrite as cement and loose fragments.	Sandstone, cl-transl, wh. v ly gy, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 1% calcerous clay, 10% siliceous clay, 89% siliceous sand, 20% very fine grained, 20% fine grained, 50% medium grained, 10% coarse grained, 5% Pyrite cement, 0.1% Calcite cement, 10% Pyrite, 10%
3405.0	Vol	kaol	95	wh-lt-gy, bluish gy, grnish lt gy.	VS	H	A	Sp	5			95			100							0												Py	10	Qx	15	Py	0.1	F	0.1	Ce	0.1				Rare recrystallised feldspathic volcanic textures in some fragments. Trace chalcedony.	Volcanic, wh-lt-gy, bluish gy, grnish lt gy., Very soft, to Hard, amorphous, to splintery, 5% calcerous clay, 95% siliceous clay, 10% Pyrite, 15% Quartz crystals, 0.1% Pyrite, 0.1% Feldspar, 0.1% Chlorite,
3410.0	Vol	kaol	100	wh-lt-gy, bluish gy, grnish lt gy.	VS	H	A	Sp	5			95			100							0									C	0.1			Py	10	Qx	15	Py	0.1	F	0.1	Ce	0.1				Rare recrystallised feldspathic volcanic textures in some fragments. Trace chalcedony. Common quartz crystals.	Volcanic, wh-lt-gy, bluish gy, grnish lt gy., Very soft, to Hard, amorphous, to splintery, 5% calcerous clay, 95% siliceous clay, 0.1% Calcite cement, 10% Pyrite, 15% Quartz crystals, 0.1% Pyrite, 0.1% Feldspar, 0.1%

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APPENDIX 11

SITE LOCATION REPORT

REPORT FOR THE OCEAN PATRIOT RIG MOVE TO BASKER-2 LOCATION

FUGRO SURVEY JOB NO. - P0316

Client : Upstream Petroleum Pty Ltd
Suite 1, Level 3, Como Professional Suites
299 Toorak Road, South Yarra
Melbourne, 3000
Victoria

Date of Survey : 3 – 15 August 2005

0	Final			16 August 2005
Rev	Description	Checked	Approved	Date

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ABSTRACT

Between 3 and 15 August 2005, Fugro Survey Pty Ltd (Fugro) provided equipment and personnel for the semi-submersible Mobile Offshore Drilling Unit Ocean Patriot rig move from Henry-1 to Basker-2 location in Permit VIC/RL6 in Bass Strait, Australia.

Surface positioning was provided by Fugro's Multiple Reference Differential Global Positioning System (MRDGPS) and Starfix.Seis Navigation Software.

The final position for the drill stem derived from DGPS observations at the Basker-2 location is:

Location Name:	**Basker-2**
Easting (m):	649251.9
Northing (m):	5759566.4
Latitude:	38° 17' 58.51" S
Longitude:	148° 42' 24.72" E
Rig Heading:	253.11° (True)

This position is 2.3m on a bearing of 54.0° (Grid) from the proposed Basker-2 location.

All coordinates in this report are referenced to the Geocentric Datum of Australia 1994 (GDA94) and projected onto the Map Grid of Australia 1994 (MGA94) Zone 55 (CM 147° E), unless otherwise stated.

All times in this report are quoted in Australian Eastern Standard Time (EST) unless otherwise stated.

1.0 INTRODUCTION

Fugro Survey Pty Ltd (Fugro) was contracted by Upstream Petroleum Pty Ltd (Upstream) to provide navigation and positioning survey services on board the semi-submersible Mobile Offshore Drilling Unit (MODU) *Ocean Patriot*, during the rig move to Basker-2 location in Permit VIC/RL6, Bass Strait, Australia.

A general location diagram is shown as Figure 1-1.

This report details equipment used, survey parameters adopted, procedures employed and the results achieved. A section on safety is included in Section 3.0 of this report.

1.1 Scope of Work

Personnel and equipment were provided on a 24 hour per day basis for:

- Calibration and function testing of the survey equipment on board the rig and the two Anchor Handling Vessels (AHVs)
- Surface navigation for the *Ocean Patriot*, using Fugro's MRDGPS (Multi Reference DGPS) and Starfix.Spot DGPS services.
- Surface navigation for AHVs during anchoring operations, using Starfix.Spot DGPS.
- Final rig surface positioning at Basker-2 location using DGPS observations.
- Final reporting of the positioning results.

1.2 Sequence of Events

On 3 August 2005, M. Yorath and S. Bradley departed Perth for the *Ocean Patriot*. After equipment calibrations, anchors were recovered at Henry-1 on 5 August 2005, with the tow commencing at 04:24 on 6 August 2005. Between 12 and 13 August 2005, anchors were deployed with the rig positioned on location at Basker-2 at 22:00. Fugro personnel departed the rig on 15 August 2005.

Further details of Fugro's involvement in the rig move are presented in the Daily Operations Reports included in Appendix A.

GENERAL LOCATION DIAGRAM

FIGURE 1–1

u:\p0316\dgn\procedure\figure1-1.dgn

2.0 RESULTS

2.1 Final Position

The final position of the *Ocean Patriot* drill stem at Basker-2 location was established by calculating the mean position from one hour of DGPS data logged between 6:40 and 7:40 on 15 August 2005. During this period, calculated drill stem coordinates from the primary and secondary positioning systems were logged at five second intervals in Starfix.Seis. Data from the primary positioning system was used for the final position calculation.

Differential GPS corrections were derived using a multi-reference solution with base station data from Bathurst, Cobar and Melbourne.

GDA94 geographical positions for the Basker-2 location are shown in Table 2-1.

GDA94			
Position	**Method**	**Latitude**	**Longitude**
Drill Stem at Surface	MRDGPS	38° 17' 58.51" S	148° 42' 24.72" E
Proposed Location	-	38° 17' 58.56" S	148° 42' 24.65" E

TABLE 2-1 : GEOGRAPHICAL POSITIONS FOR BASKER-2

GDA94 grid coordinates (CM 147° E) for the Basker-2 location are shown in Table 2-2.

GDA94, MGA, CM147°E			
Position	**Method**	**Easting (m)**	**Northing (m)**
Drill Stem at Surface	MRDGPS	649251.9	5759566.4
Proposed Location	-	649250.0	5759565.0

TABLE 2-2 : GRID COORDINATES FOR BASKER-2

This position is 2.3m at a bearing of 54.0° (Grid) from the design location.

A copy of the original rig position field reports are contained in Appendix B.

2.2 Rig Heading

The heading of the *Ocean Patriot* at Basker-2 location was established by calculating the average heading during one hour of corrected gyro compass readings logged between 06:40 and 07:40 on 15 August 2005. During this period, gyro readings were logged at five second intervals in Starfix.Seis.

The *Ocean Patriot's* heading at the Basker-2 location is shown in Table 2-3.

Description	**Method**	**True**	**Grid**
Rig Heading	Gyro	253.11°	254.17°
Proposed Heading	-	250°	-

TABLE 2-3 : RIG HEADING AT BASKER-2

2.3 Anchor Positions

The approximate locations of the *Ocean Patriot's* anchors at Basker-2 are shown in Table 2-4.

GDA94, MGA, CM147°E				
Anchor	**Easting (m)**	**Northing (m)**	**Azimuth**	**Deployed By**
1	648067	5759835	282.3°	*Far Grip*
2	648352	5760390	313.2°	*Far Grip*
3	649514	5760781	11.9°	*Pacific Wrangler*
4	650191	5760588	43.2°	*Far Grip*
5	650523	5759332	99.6°	*Far Grip*
6	650259	5758638	132.8°	*Pacific Wrangler*
7	648937	5758243	192.6°	*Pacific Wrangler*
8	648267	5758605	226.1°	*Far Grip*

TABLE 2-4 : BASKER-2 ANCHOR POSITIONS

The approximate coordinates of the *Ocean Patriot's* anchors were calculated from:

- The azimuth from the fairlead position to the AHVs stern position at the time of anchor deployment.
- The range from the fairlead position to the anchor, as obtained from the on board chain counter, corrected for catenary.

3.0 SAFETY

All work undertaken by Fugro personnel during the project was performed within the guidelines of Fugro's Safety Policy, as defined in Fugro's Safety Manual (SMS-P01) and Offshore Survey Safety Practices (SMS-SP26).

Fugro personnel worked within all project safety guidelines and plans adopted by Santos and Diamond Offshore.

No safety incidents involving Fugro personnel were reported during the project.

Fugro personnel attended a vessel induction, pre-rig move meeting, weekly safety meeting and muster drill whilst on board.

A Project Specific Safety Plan was developed for positioning services on board the *Ocean Patriot* for the Basker-2 rig move.

4.0 SURVEY OPERATIONS

4.1 Mobilisation

The survey team departed Perth on 3 August 2005, and arrived on board the rig on 4 August 2005, whilst it was located at Henry-1. Following a rig induction, the survey equipment on board was powered up and system and function tests completed.

4.2 General Survey Procedures

Anchor recovery at Henry-1 was accomplished between 7:52 on 5 August 2005 and 04:22 on 6 August 2005. The tow to Basker-2 was conducted with the *Pacific Wrangler* connected to the main tow bridle.

The *Pacific Wrangler* manoeuvred the rig onto Basker-2 location using an approach run-in line of three nautical miles extended from Anchor #4 drop point through to the proposed location. Anchoring operations commenced at 20:50 on 12 August 2005, with the deployment of anchor #4 by the *Far Grip*. The *Pacific Wrangler* continued the tow along the run-in, with the rig paying out anchor chain until positioned over the proposed Basker-2 location.

After establishing that Anchor #4 was holding and the rig was maintaining its position, the *Far Grip* then ran Anchors #1, #2, #5 and #8. The *Pacific Wrangler* was released from the tow bridle after the primary anchors were deployed and subsequently ran Anchors #3, #6 and #7.

During the deployment of each anchor, the AHVs were provided with a waypoint and the corresponding run line via the Wombat telemetry system. The AHVs ran out the anchor chain along this line to the desired drop point. The anchor chain was stretched out and the anchor lowered to the seabed. After confirming that the anchor was holding, the vessel then stripped the chain chaser back to the rig.

The *Ocean Patriot* was positioned over Basker-2 location with all anchoring and pre-tensioning complete at 22:00 on 13 August 2005. Final position data was logged between 6:40 and 7:40 on 15 August 2005. After the 30-inch casing was cemented, a rig positioning field report was issued to the Upstream Company Representative (see Appendix B).

4.3 Demobilisation

All navigation systems on board the *Ocean Patriot* and AHVs were switched off during demobilisation and left on board the vessels for the anchor recovery at Basker-2.

Fugro personnel departed the rig and returned to Perth on 15 August 2005.

5.0 EQUIPMENT CALIBRATION

5.1 DGPS Navigation Integrity Check

In order to check the correct operation of the navigation systems installed on board the *Ocean Patriot*, DGPS data was logged for 30 minutes on 4 August 2005, whilst the rig was located at Henry-1.

A comparison of the primary and secondary DGPS was also conducted. The results from both of these tests are provided in Table 5-1.

GDA94, MGA, CM 141°E		
	Easting (m)	**Northing (m)**
Established Well Coordinates	644403.17	5712996.35
Observed Coordinates	644404.66	5712997.45
Difference	-1.49	-1.10
Primary Navigation	644404.66	5712997.45
Secondary Navigation	644404.03	5712996.92
Difference	+0.62	+0.53

TABLE 5-1 : DGPS NAVIGATION INTEGRITY CHECK

The DGPS checks described above demonstrated that the navigation systems on board the *Ocean Patriot* were set up and working correctly.

A positioning check list was completed at Basker-2 location to confirm the proposed rig position and ensure that the correct geodetic datum, transformation and projection parameters were being used. Geodetic calculations were performed using Starfix.Seis.

Details of all positioning checks are provided in Appendix C.

5.2 Gyro Compass Calibration

The calibration of the survey gyro compass was carried out on 4 August 2005, whilst the rig was located at Henry-1.

A series of observations were made to the sun from which the rig heading was calculated. The calculated values were then compared to the observed gyro compass values logged in Starfix.Seis and a mean C-O value of +1.65° was determined. This correction was applied in the navigation suite.

Details of the gyro calibration are included in Appendix C.

6.0 SURVEY PARAMETERS

6.1 Geodetic Parameters

All coordinates are referenced to the Geocentric Datum of Australia 1994 (GDA94) unless otherwise noted. The Global Positioning System (GPS) operates on the World Geodetic System 1984 (WGS84) datum. Fugro's Differential GPS Reference Stations are currently defined in the International Terrestrial Reference Frame 2000 (ITRF2000 Epoch 2005.25) datum. Due to the continual refinement of the WGS84 reference frame, for all cases, the transformation parameters indicate that the WGS84 and ITRF2000 reference frames are essentially identical.

Datum	**:**	**World Geodetic System 1984 (WGS84)**
Reference Spheroid	:	World Geodetic System 1984
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257223563

Datum	**:**	**Geocentric Datum of Australia 1994 (GDA94)**
Reference Spheroid	:	Geodetic Reference System 1980 (GRS80)
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257222101

The following seven parameter datum transformation (Table 6-1) was used in Fugro's software, to transform WGS84 (ITRF2000 Epoch 2005.50) coordinates to GDA94 coordinates. These parameters are calculated from the 14 parameter transformation defined by Geoscience Australia. Fugro follows the Coordinate Frame Rotation convention (as defined by UKOOA) for datum transformations.

Transformation Parameters from WGS84 (ITRF2000 Epoch 2005.50) to GDA94			
dX	-0.0156m	rX	+0.01445"
dY	-0.0349m	rY	+0.013050"
dZ	-0.0513m	rZ	+0.015037"
		dS	+0.004977ppm

TABLE 6-1 : TRANSFORMATION PARAMETERS

The proposed drilling location and all project coordinates are grid coordinates on the Map Grid of Australia.

Grid	**:**	**Map Grid of Australia (MGA94)**
Projection	:	Transverse Mercator
Latitude of Origin	:	0°
Central Meridian	:	147° E (UTM Zone 55)
Central Scale Factor	:	0.9996
False Easting	:	500000m
False Northing	:	10000000m
Units	:	Metres

6.2 Differential GPS Reference Stations

Fugro's Differential GPS Reference Stations are currently defined in the ITRF2000 (Epoch 2005.25) datum and are shown in Table 6-2.

ITRF 2000, EPOCH 2005.25					
Station	**Id**	**Latitude**	**Longitude**	**Height (m)**	**Uplink**
Bathurst	336	33° 25' 46.88293" S	149° 34' 01.96793" E	756.659	Optus/APSat
Cobar	316	31° 29' 57.43508" S	133° 41' 22.84883" E	7.271	Optus/APSat
Melbourne	385	37° 48' 29.00892" S	144° 57' 48.02816" E	82.058	Optus/APSat

TABLE 6-2 : DGPS REFERENCE STATIONS

6.3 Project Coordinates and Tolerances

Project target coordinates and surface tolerance for Basker-2 location were supplied by Upstream and are shown in Table 6-3. Client supplied information is provided in Appendix D.

GDA94, MGA, CM 147°E			
Location	**Easting (m)**	**Northing (m)**	**Tolerances**
Basker-2	649250.0	5759565.0	25m radius

TABLE 6-3 : PROJECT DESIGN COORDINATES

7.0 SURVEY EQUIPMENT, VESSEL AND PERSONNEL

7.1 Equipment

Survey equipment used for the positioning of the *Ocean Patriot* was as follows:

Ocean Patriot

2 x Starfix satellite DGPS (1 Optus link, 1 APSat link)
2 x Trimble 4000 series GPS receivers
2 x Pentium III computers, running Fugro's Starfix.Seis navigation software suite (1 spare)
4 x 15" monitors (2 Seis, 1 Helm, 1 spare)
1 x SG Brown gyro compass
1 x Tokimec gyro compass (spare)
2 x Uninterruptible power supply units (UPS)
1 x Teledesign radio/modem
1 x Theodolite, tripod and dark glass
1 x Printer

AHVs (complete system per vessel, plus one complete set of spares)

1 x Pentium computers, running Starfix Display/Wombat
1 x Monitors
1 x Trimble 4000 series GPS receiver
1 x Fluxgate compasses
1 x Teledesign radio/modems

All systems were provided complete with all necessary cabling, connectors, power supplies, antennae, accessories, manuals and consumables.

Refer to Figure 7-1 for an equipment flow diagram for the *Ocean Patriot* and Figure 7-2 for the equipment flow diagram for the AHVs.

7.2 Vessels

The vessels used for anchor handling and towing the *Ocean Patriot* were the *Pacific Wrangler* and the *Far Grip*. Refer to Figure 7-3, Figure 7-4 and Figure 7-5 for the vessel offset diagrams.

7.3 Personnel

Fugro personnel involved in the rig move and positioning operations were as follows:

M. Yorath	Surveyor	3 – 15 August 2005
S. Bradley	Engineer	3 – 15 August 2005

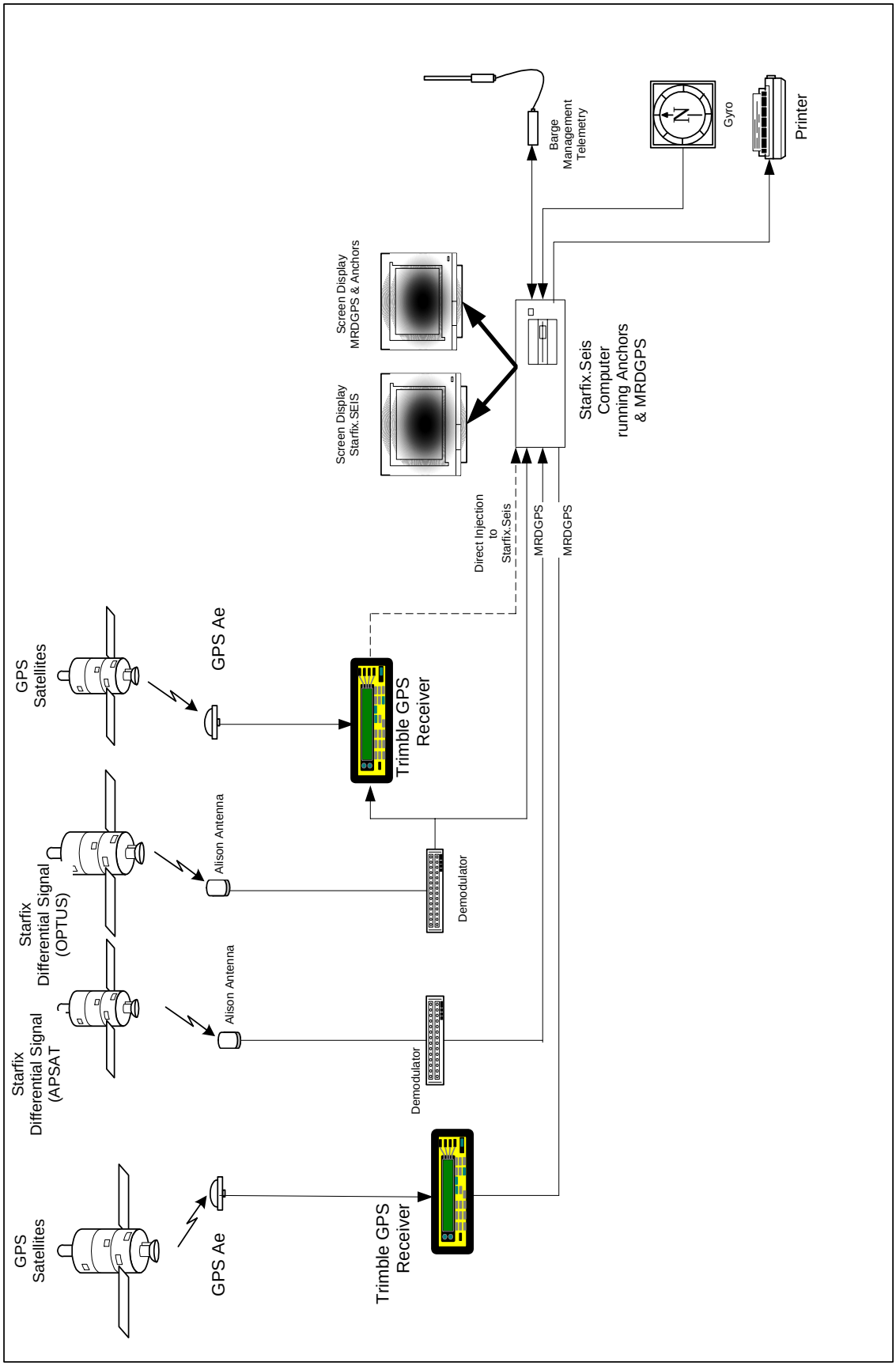


FIGURE 7-1 : EQUIPMENT FLOW DIAGRAM – MODU *OCEAN PATRIOT*

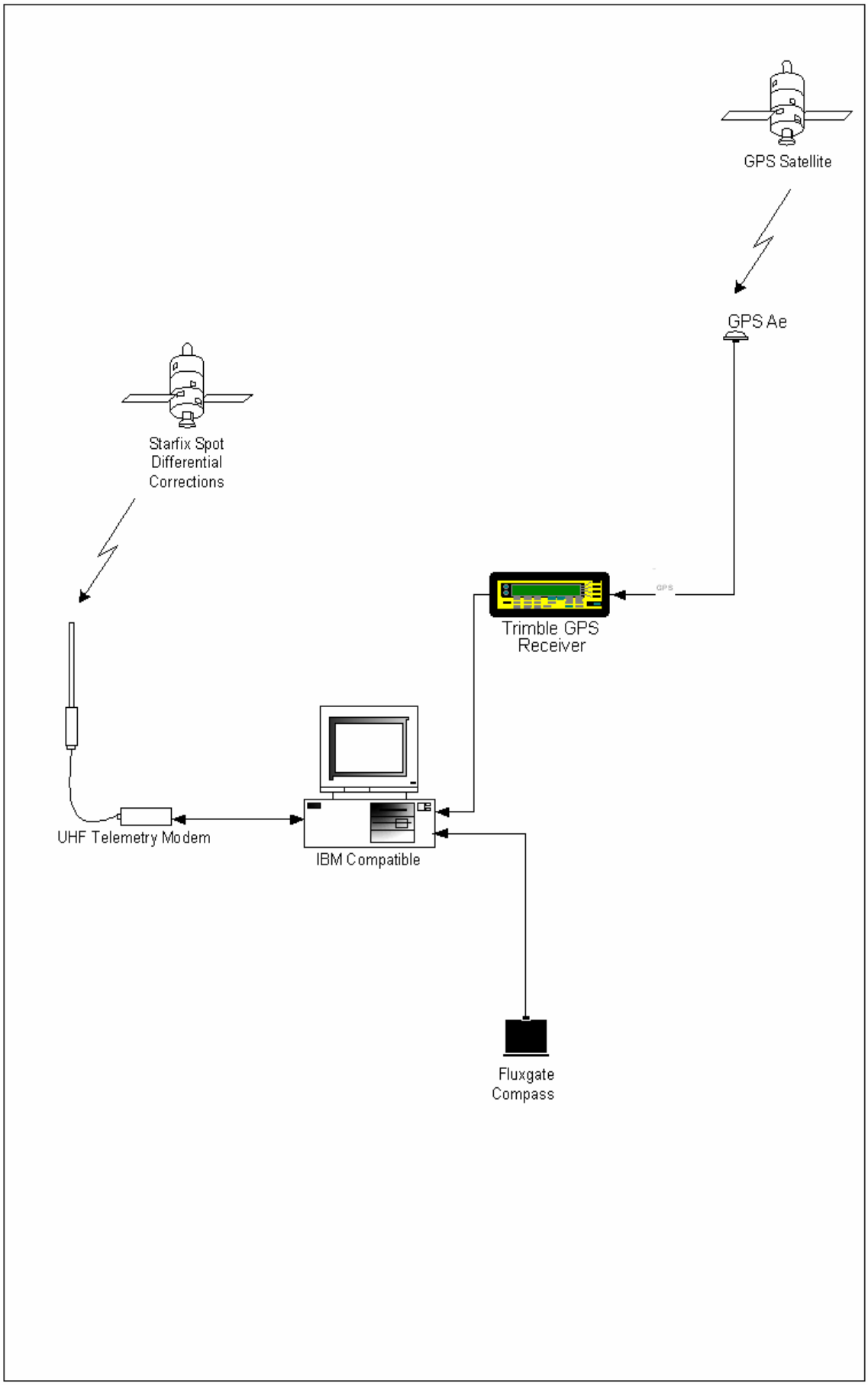
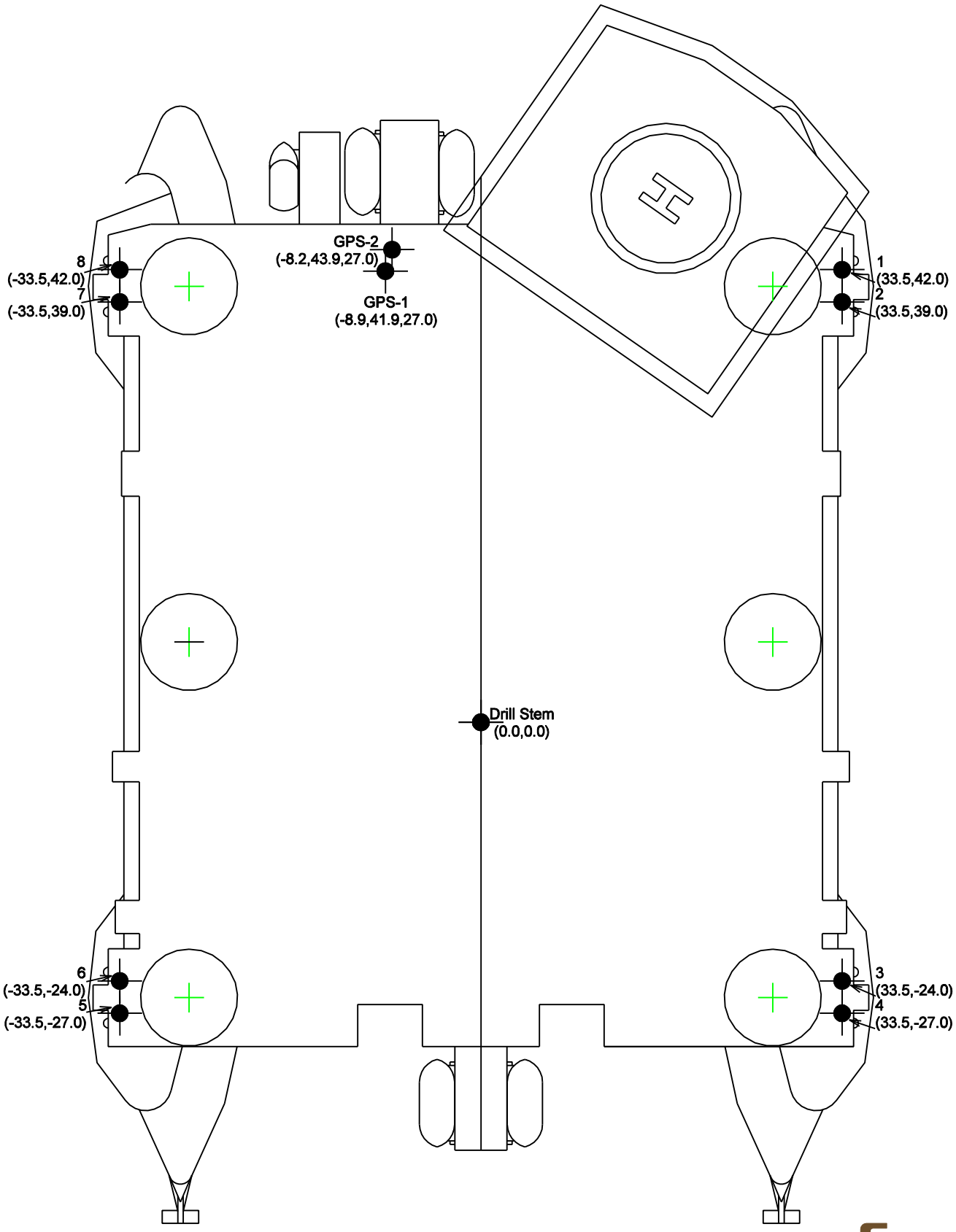


FIGURE 7-2 : EQUIPMENT FLOW DIAGRAM – AHVS



VESSEL OFFSET DIAGRAM – OCEAN PATRIOT

FIGURE 7–3

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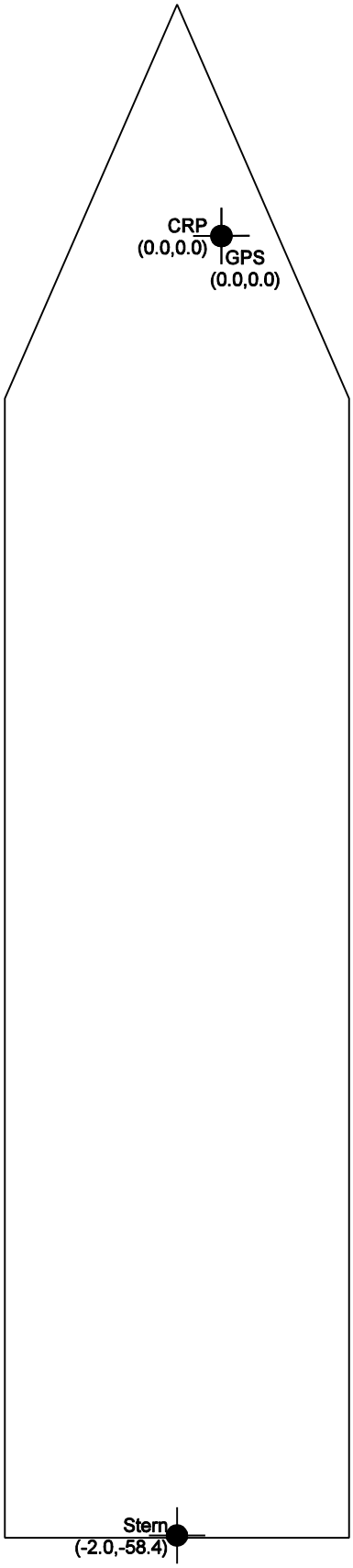

VESSEL OFFSET DIAGRAM – PACIFIC WRANGLER

FIGURE 7–4

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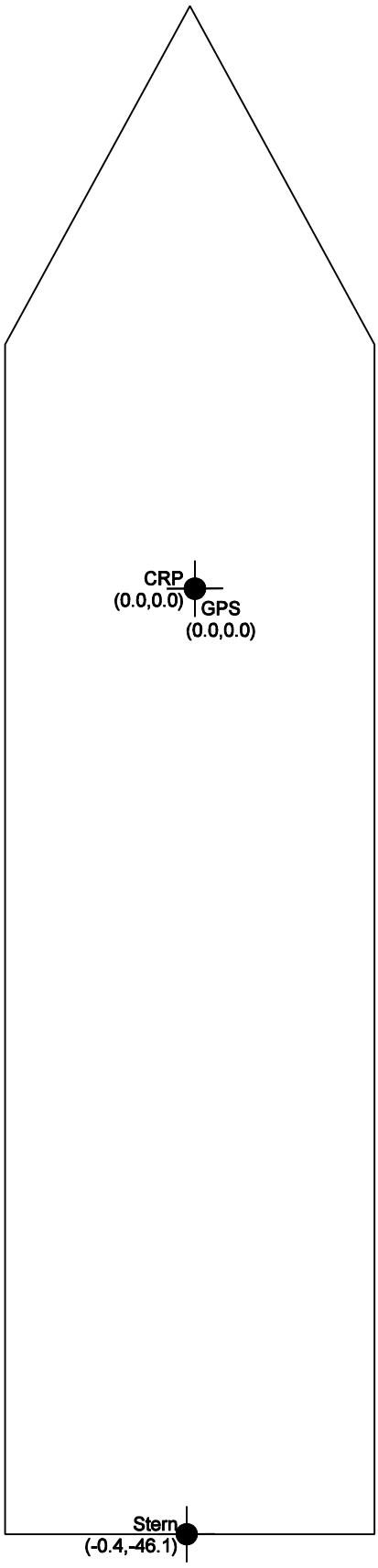


VESSEL OFFSET DIAGRAM – FAR GRIP

FIGURE 7–5

U:\P0316 Anzon Basker Manta Patriot\Dgn\figure\report\figure 7-5.dgn

8.0 CONCLUSIONS AND RECOMMENDATIONS

- The *Ocean Patriot* was successfully positioned during the towing and anchoring operations and at Basker-2 location.
- The *Far Grip* and *Pacific Wrangler* were successfully positioned during the towing and anchoring operations.
- The surface position of Basker-2 well was determined.

9.0 DISTRIBUTION

Copies of this report have been distributed as follows:

Upstream Petroleum Pty Ltd	:	3 paper copies
Attn: Mr. John Ah-Cann	:	1 electronic copy
Fugro Survey Pty Ltd	:	1 paper copy
	:	1 electronic copy

APPENDIX A
DAILY OPERATIONS REPORTS

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 03/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
1115		Fugro personnel standby to depart Perth due to late arrival of plane (WAST)
1300		Fugro personnel depart Perth (WAST)
		Note: All subsequent times are in Eastern Standard Time (EST: UTC+10hrs)
1800		Fugro personnel arrive in Melbourne
1830		Fugro personnel check-in at the Holiday Inn at Airport

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:		TAXI x 2			
CONSUMABLES:					
ACCOMMODATION:		HOLIDAY INN AIRPORT x 2			

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		1

DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 04/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0700		Fugro Personnel check-out of the Holiday Inn
0745		Fugro Personnel depart from the Holiday Inn (crew bus)
0800		Fugro Personnel arrive at Bristows
0815		Fugro Personnel check-in at Bristows – Flight delayed due to bad weather
1130		Fugro Personnel depart Melbourne for the Ocean Patriot
1245		Fugro Personnel arrive on the Ocean Patriot
1300		Survey equipment powered up, project details entered
1620		Start logging data for Gyro Calibration
1649		Start sun observations for Gyro Calibration
1659		Completed sun observations
1705		Stopped logging data for Gyro Calibration
1730		Calculated Gyro Correction: C-O = +1.65°
1800		Entered Gyro Correction of +1.65° into Seis
2030		Rig moved back onto location after recovering the BOP
2050		Started logging data for the DGPS Check fix
2120		Stopped logging data for the DGPS Check fix:
		Established Well Co-ordinate Differences: -1.49mE, -1.10mN
		Primary / Secondary Navigation System Differences: 0.62mE, 0.53mN
2330		Start deballasting the rig

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
M Yorath		2

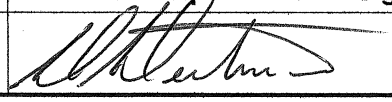
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 05/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0704		PCC #3 passed to Far Grip
0752		Anchor #3 off bottom – Far Grip
0941		PCC #7 passed to Pacific Wrangler
1008		Anchor #7 off bottom – Pacific Wrangler
1019	1030	Helicopter on deck
1106		Anchor #3 on deck of the Ocean Patriot
1130		PCC #3 passed back to Ocean Patriot from Far Grip
1154		PCC #6 passed to Far Grip
1220		Anchor #7 racked – Pacific Wrangler
1220		Anchor #6 off bottom – Far Grip
1231		PCC #7 passed back to Ocean Patriot from Pacific Wrangler
1400		Pacific Wrangler connected to main tow bridle
1416		Anchor #6 racked – Far Grip
1428		PCC #6 passed back to Ocean Patriot from Far Grip
1450		PCC #2 passed to Far Grip
1534		Anchor #2 off bottom – Far Grip
1612	1622	Helicopter on deck
1707		Anchor #2 racked – Far Grip
1718		PCC #2 passed back to Ocean Patriot from Far Grip
1747		PCC #4 passed to Far Grip
1848		Anchor #4 off bottom – Far Grip

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		3

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 05/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
2027		Anchor #4 racked – Far Grip
2036		PCC #4 passed back to Ocean Patriot from Far Grip
2107		PCC #8 passed to Far Grip
2152		Anchor #8 off bottom – Far Grip
2320		Anchor #8 racked – Far Grip
2334		PCC #8 passed back to Ocean Patriot from Far Grip

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		4

DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 06/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0010		PCC #1 passed to Far Grip
0049		Anchor #1 off bottom – Far Grip
0115		Ocean Patriot begins hauling-in towards Anchor #5
0345		Anchor #1 racked – Far Grip
0347		PCC #1 passed back to Ocean Patriot from Far Grip
0405		Anchor #5 off bottom – Ocean Patriot
0422		Anchor #5 racked – Ocean Patriot
0424		**Handover from Santos Ltd to Upstream Petroleum Pty Ltd**
		Begin Tow to Basker-2
1322		Pacific Wrangler reports the tow bridle has parted: **704307.622mE, 5649922.784mN**
		Pacific Wrangler recovered tow wire, Ocean Patriot prepared secondary tow line
1436		Pacific Wrangler approached Ocean Patriot to reconnect tow bridle, not successful
1515		Ocean Patriot attempts to pass a messenger line to the Pacific Wrangler
1524		Pacific Wrangler failed to retrieve messenger line, cannot hold position due to the
		Rotation of the rig (**010° – 090°**) suggests dropping Anchor #5 to slow the rotation
1531		Anchor #5 on bottom – Ocean Patriot: **710230.01mE, 5647001.40mN**
1548	1651	Pacific Wrangler attempting to retrieve messenger line
1731		Pacific Wrangler retrieved messenger line, reports damage caused to the bridle
1752		Port tow bridle passed back to Ocean Patriot from Pacific Wrangler
1851		Pacific Wrangler express concerns about continuing operations due to weather/light
1900		Halting all operations due to weather/light, rig position: **710746mE, 5646753mN**

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		5

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 07/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Standby for weather/light, Anchor #5 laid
1030	1040	Rig Fire & Abandonment drill
1050		Ocean Patriot prepares to pass replacement tow bridle to Pacific Wrangler
1149		Tow line connected
1211		Anchor #8 bolstered correctly
1216		Ocean Patriot begins hauling-in on Anchor #5
1411		Anchor #5 slipping, Ocean Patriot continues hauling-in
1412		Helicopter on deck
1415		Anchor #5 off bottom – Ocean Patriot
1422		Helicopter departs Ocean Patriot
1434		Anchor #5 racked – Ocean Patriot
		Pacific Wrangler increasing speed, continuing tow to Basker-2
1900	1915	M. Yorath attends weekly safety meeting
2002	2003	Change UTM Projection from Zone 54 to Zone 55
		Geodesy check completed

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		6

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 08/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Continue tow to Basker-2
0100	0115	S. Bradley attends weekly safety meeting
0829		Pacific Wrangler shortened tow wire to (691m + Bridle) **772m**
2359		Continue tow to Basker-2

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		7

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 09/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Continue tow to Basker-2
1106	1118	Helicopter on deck
2359		Continue tow to Basker-2

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		

VEHICLES:

CONSUMABLES:

ACCOMMODATION:

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		8

DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 10/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Continue tow to Basker-2
0450		Pacific Wrangler turning to **290°** to Run-In waypoint, wind **40kts**
0550		Turning rig to starboard to deploy stern anchor for weather standby
0709		Pacific Wrangler and Ocean Patriot drifting at: **SOG: 1.2kts, COG: 27.5°**
0818		Ocean Patriot and Pacific Wrangler decide to deploy Anchor #8 and keep the Pacific
		Wrangler on the tow line in an attempt to halt the rig drift
0822		Walking out Anchor #8
0823		Paying out chain on Anchor #8
0836		Anchor #8 on bottom – Ocean Patriot: **671778mE, 5769302mN**
0844		650m of chain paid out on Anchor #8
0917		Ocean Patriot holding position
0925		Rig starts ballasting down to Survival draft
1252		Approximate rig location: **672371mE, 5769277mN**
1403		Completed ballasting down to Survival draft (20m)
		Waiting on weather

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		9

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 11/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Waiting on weather
1000		Wind: Westerly 44kts, Seas: 4m
2359		Waiting on weather

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		

VEHICLES:

CONSUMABLES:

ACCOMMODATION:

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		10

DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 12/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0001		Waiting on weather
0600		Ocean Patriot deballasted to towing draft
0620		Ocean Patriot heaving in on Anchor #8
0711		Anchor #8 off bottom
0800		Anchor #8 racked. Ocean Patriot begins tow to Basker-2
1038	1052	Helicopter on deck
1331		Ocean Patriot turning onto 3nm run-in line
1455		PCC #4 caught under Ocean Patriot's pontoon
1500		PCC #4 passed to Far Grip
1529		PCC #4 free from pontoon, PCC #4 passed back to Ocean Patriot from Far Grip
1615		PCC #4 untangled and passed to Far Grip
1638		Begin running Anchor #4
1645		200m of chain paid out on Anchor #4
		Anchor #4 run-out slowed by weather
2050		Anchor #4 on bottom – Far Grip: **650278mE, 5760680mN**
2301		PCC #4 passed back to Ocean Patriot from Far Grip
2335		PCC #8 passed to Far Grip

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		11

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 13/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
1221		Anchor #8 on the bottom – Far Grip: **648149mE, 5758489mN**
0105		PCC #8 passed back to Ocean Patriot from Far Grip
0140		PCC #1 passed to Far Grip
0205		Far Grip running Anchor #1
0236		No tension on Anchor #1 chain
0240		PCC #1 parted from chain
0245		Ocean Patriot attempts to heave/tension Anchor #1
0300		Anchor #1 position after broken PCC: **647987mE, 5759830mN**
0330		PCC #5 passed to Far Grip
0431		Anchor #5 on bottom – Far Grip: **650592mE, 5759319mN**
0540		PCC #5 passed back to Ocean Patriot from Far Grip
0720		Far Grip lowers 'J' hook to pick up anchor chain #1
0725		Anchor chain #1 hooked by Far Grip
0740		Far Grip not achieving forward motion, Ocean Patriot hauling in on Anchor #1
0808		1118m of chain out on Anchor #1, tension building
0820		Far Grip 'J' hook off Anchor chain #1
0838		Anchor chain #1 hooked by Far Grip
0940		Far Grip 850m from Ocean Patriot, attempting to lift Anchor #1
0953		Ocean Patriot heaving in on Anchor #1
1008		Far Grip at Anchor #1 – staring to heave up
1011		Anchor #1 off bottom – Far Grip

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		12

DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 13/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
1057		Pacific Sentinel arrived on location
1102		Far Grip is instructed to run Anchor #1
1135		Anchor #1 on bottom – Far Grip: **647953mE, 5759860mN**
1224		Tow bridle passed back to Ocean Patriot from Pacific Wrangler
1246		Far Grip removed 'J' hook from Anchor chain #1 – rigging up Anchor Handling wire
1321		PCC #2 passed to Far Grip
1327		PCC #6 passed to Pacific Wrangler
1344		Far Grip advises that Anchor #2 has incorrect orientation
1406		Anchor #6 on bottom – Pacific Wrangler: **650382mE, 5758525mN**
1434		Far Grip begins running Anchor #2
1436		PCC #6 passed back to Ocean Patriot from Pacific Wrangler
1452		PCC #7 passed to Pacific Wrangler
1517		Anchor #2 on bottom – Far Grip: **648257mE, 5760479mN**
1533		Anchor #7 on bottom – Pacific Wrangler: **648911mE, 5758127mN**
1604		PCC #7 passed back to Ocean Patriot from Pacific Wrangler
1626		Anchor #3 passed from Ocean Patriot deck to Pacific Wrangler
1646		PCC #2 passed back to Ocean Patriot from Far Grip
1657		PCC #3 passed to Pacific Wrangler – reconnecting PCC to Anchor as Anchor #3
		Was serviced whilst moving to Basker-2
1800		Ocean Patriot begins ballasting down
1853		Pacific Wrangler completed attaching Anchor #3

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		13

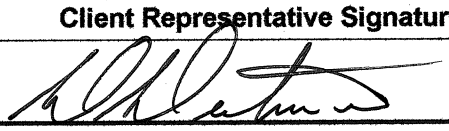
Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 13/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
1906		Anchor #3 on bottom – Pacific Wrangler: **649535mE, 5760879mN**
1957		PCC #3 passed back to Ocean Patriot from Pacific Wrangler
2030		Skidding rig over location
2200		Completed positioning of rig

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		14

Fugro Survey Pty Ltd
PM-F50
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 14/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
1030	1046	M. Yorath and S. Bradley attend Ocean Patriot's weekly Fire and Abandonment drill
1100	1130	M. Yorath and W. Westman discuss the demobilisation of the Pacific Sentinel and
		Decided against attempting the demobilisation at this time
1200	1345	Fugro personnel re-pack the Fugro container onboard the Ocean Patriot and
		Complete an inventory of all equipment stored in the container
1400	1600	Fugro personnel complete administration tasks
1900	1925	Fugro personnel attend weekly safety meeting

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		

VEHICLES:

CONSUMABLES:

ACCOMMODATION:

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		15

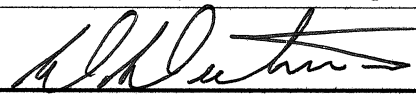
DAILY OPERATIONS REPORT

CLIENT: UPSTREAM PETROLEUM	LOCATION: BASKER-2	DATE: 15/08/2005
PROJECT: RIG MOVE	VESSEL: OCEAN PATRIOT	JOB NO: P0316

FROM	TO	SUMMARY OF OPERATIONS
0200		Completed cementing the 30 inch casing
0640		Start logging Final Fix data
0740		Stop logging Final Fix data: **649251.9mE**, **5759566.4mN** Rig Heading: **253.11°** True
		2.3m at 54.**0°** Grid from design location
0900	0930	Fugro personnel attend pre-flight briefing
1030		Fugro personnel depart Ocean Patriot
1150		Fugro personnel arrive in Melbourne
1830		Fugro personnel depart Melbourne
2030		Fugro personnel arrive in Perth (WAST)

EQUIPMENT	NO.	EQUIPMENT	NO.	PERSONNEL	TITLE
Seis Computer	1	Laptop	1	M. Yorath	Surveyor
Gyrocompass	1	Trimble Receivers	2	S. Bradley	Engineer
Demodulators	2	Theodolite	1		
AHV x 2 (Wombat)	2	Radio Modem	1		
VEHICLES:		**TAXI x 2**			
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		16

APPENDIX B
FINAL POSITIONING DATA

RIG POSITION FIELD REPORT

Basker-2

Client :	**Upstream Petroleum**	**Job Number :**	**P0316**
Rig :	**Ocean Patriot**	**Date:**	**15-Aug-05**
Project :	**Rig Move to Basker-2, Bass Strait**		
Attention :	**W. Westman** **Upstream Representative**		

The surface location of the drill stem on the Ocean Patriot was derived from 1 hr of observations of the Primary Differential GPS Data, between 06:40:00hrs and 07:40:00hrs on completion of anchor pre-tensioning, ballasting operations and spudding operations.

The results of the observations are as follows:

Geographical Coordinates			**Grid Coordinates**	
Latitude (ϕ)	**-038° 17' 58.51"**	**South**	**Easting**	**649251.9**
Longitude (λ)	**148° 42' 24.72"**	**East**	**Northing**	**5759566.4**

The drill stem position is **2.3 m** at a bearing of **54.0°** Grid from the design location.

The Client supplied design location Basker-2 .

Geographical Coordinates			**Grid Coordinates**	
Latitude (ϕ)	**-038° 17' 58.56"**	**South**	**Easting**	**649250.0**
Longitude (λ)	**148° 42' 24.65"**	**East**	**Northing**	**5759565.0**

The Ocean Patriot's rig heading, derived from the mean of 60 minutes of gyro heading data is:

253.11° TRUE 254.17° Grid

All coordinates in this field report are quoted in the following coordinate system:

Datum :	GDA94_Australia_ITRF2005.50	Projection :	Transverse Mercator (UTM)
Spheroid :	GRS80	Zone (Central Meridian) :	55 147° East

The approximate positions of the rig anchors corrected for catenary are as follows:

Anchor	Easting	Northing	Azimuth(°) - True
1	648067	5759835	282.3°
2	648352	5760390	313.2°
3	649514	5760781	11.9°
4	650191	5760588	43.2°
5	650523	5759332	99.6°
6	650259	5758638	132.8°
7	648937	5758243	192.6°
8	648267	5758605	226.1°

Party Chief/Surveyor: Michael Yorath

Upstream Petroleum Representative : W. Westman

APPENDIX C
DGPS AND GYRO CHECKS

RIG POSITIONING
GEODESY AND COORDINATE CHECK LIST

Client :	**Upstream Petroleum**	**Job Number :**	**P0316**
Rig :	**Ocean Patriot**	**Date:**	**August 4, 2005**
Project :	**Rig Move to Basker-2, Bass Strait**		

1. CONFIRMATION OF PROPOSED RIG COORDINATES and HEADING.

Well Name	**Basker-2**		Ensure agreement with Client onsite prior to any positioning
Well Location – Latitude(ϕ)	-038° 17' 58.56"	S	Operations. OK (?) (Y) N.
Well Location – Longitude(λ)	148° 42' 24.65"	E	
Rig Heading (True)	250° T		

2. GEODETIC PARAMETERS (WGS84 to LOCAL DATUM)

DATUM:	Dx	-0.01560 m	Ensure agreement with Client onsite prior to positioning operations.
GRS80	Dy	-0.03490 m	OK (?) (Y) N.
	Dz	-0.05130 m	
	Rx	0.01445 "	
Projection:	Ry	0.01305 "	
	Rz	0.01504 "	
Transverse Mercator (UTM)	Ds	0.00498 ppm	
UTM Zone		55	
Central Meridian		147° East	

3. CHECK TRANSFORMATION OF SITE COORDINATES.

Well Location – Easting	649250.0	Ensure agreement with Starfix.Seis. OK (?) (Y) N
Well Location – Northing	5759565.0	If not, CHECK and RECALC.
Convergence at Location	1.06 °	
Rig Heading (° Grid)	251.06°	

4. MEAS. ANT. OFFSETS from ANT. TO D/STEM (Rel. to Datum)

(Measure two (2) separate directions, verifying closure.)

	NAV #1 SYSTEM	NAV #2 SYSTEM
Delta X(m)	-8.86 m	-8.24 m
Delta Y(m)	41.86 m	43.86 m
Angle between Rig Centreline and Antenna(s) (Grid)	348.05°	349.4°
Distance between Drill Stem and Antenna (m)	42.79 m	44.63 m

5. MANUAL COORDINATE VERIFICATION FOR ANTENNAS

		NAV #1 SYSTEM	NAV #2 SYSTEM
Proposed Drill Stem Position	Easting	649250.0	649250.0
	Northing	5759565.0	5759565.0
Drill Stem to Antenna	Proposed Hdg (G)	251.058°	251.058°
Brg (G) = Prop. Hdg. + Angle btwn centreline and antenna		239.107°	240.418°
	Distance (m)	42.79 m	44.63 m
Calculated Antenna	Easting	649213.28	649211.19
Coordinates (Local Datum)	Northing	5759543.03	5759542.97
	Latitude (ϕ)	-038° 17' 59.29" S	-038° 17' 59.29" S
	Longitude (λ)	148° 42' 23.15" E	148° 42' 23.07" E
Calculated Proposed Antenna Coords (WGS 84)	Latitude (ϕ)	-038° 17' 59.27" S	-038° 17' 59.27" S
	Longitude (λ)	148° 42' 23.16" E	148° 42' 23.08" E

6. POST RIG MOVE - OBSERVED ANTENNA COORD

Observed GPS Receiver Antenna Position in	Latitude (ϕ)	-38 ° 17' 59.16" S	-38 ° 17' 59.16" S
WGS84.	Longitude (λ)	148 ° 42' 23.19" E	148 ° 42' 23.10" E

Ensure agreement between calculated and observed coordinates. If **NO**, check calcs., antenna offsets. OK(?) Y / N

Surveyor : Michael Yorath Client Rep : W. Westman Date : 04/08/05

GYRO COMPASS CALIBRATION BY SUN AZIMUTH - CALCULATION SUMMARY

Fugro Job Number:	P0316	**Vessel:**	Ocean Patriot
Job Description:	Rig Move to Basker-2, Bass Strait	**Instrument**	Wild T2
Client:	Upstream Petroleum	**Serial No.**	130532
Surveyor:	Michael Yorath	**Date:**	August 4, 2005
		Time Zone :	10hrs

Vessel Details

	D	M	S
Enter correction from RO to vessel centreline	0°	00 '	00 "

Enter approximate WGS84 position of instrument :

	D	M	S
Latitude (ϕ)	-38 °	43 '	12 "
Longitude (λ)	142 °	39 '	38 "

Observations

Obs. No.	Date	UTC	Instrument Position		Calculated Sun Azimuth at UTC		Observed Direction to Sun				Calc'd Vessel Hdg	Obs'd Vessel Hdg	Sun Semi Diameter	(C-O) Degrees
			Latitude (ϕ) DMS	Longitude (λ) DMS	DMS	Dec. Deg	Deg	Min	Sec	Dec. Deg				
1	4-Aug-05	6:49:05	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	300.246 °	51°	35'	31	51.592	248.654 °	247.00 °	0.2631	1.65 °
2	4-Aug-05	6:52:09	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.722 °	51°	29'	29	51.491	248.231 °	246.67 °	0.2631	1.56 °
3	4-Aug-05	6:53:10	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.549 °	50°	44'	50	50.747	248.802 °	247.17 °	0.2631	1.63 °
4	4-Aug-05	6:53:53	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.428 °	50°	56'	39	50.944	248.484 °	246.83 °	0.2631	1.65 °
5	4-Aug-05	6:54:45	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.281 °	51°	03'	25	51.057	248.224 °	246.52 °	0.2631	1.70 °
6	4-Aug-05	6:55:28	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.160 °	50°	49'	40	50.828	248.332 °	246.67 °	0.2631	1.66 °
7	4-Aug-05	6:56:08	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	299.047 °	50°	16'	54	50.282	248.766 °	247.17 °	0.2631	1.60 °
8	4-Aug-05	6:56:45	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	298.943 °	50°	26'	35	50.443	248.500 °	246.83 °	0.2631	1.67 °
9	4-Aug-05	6:57:26	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	298.828 °	50°	05'	56	50.099	248.729 °	247.17 °	0.2631	1.56 °
10	4-Aug-05	6:57:58	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	298.738 °	50°	15'	02	50.251	248.488 °	246.83 °	0.2631	1.66 °
11	4-Aug-05	6:58:36	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	298.632 °	50°	04'	41	50.078	248.554 °	246.83 °	0.2631	1.72 °
12	4-Aug-05	6:59:10	-038° 43' 11.74"	142° 39' 38.05"	300° 14' 44.95"	298.537 °	49°	49'	44	49.829	248.708 °	247.00 °	0.2631	1.71 °

Mean	**1.65 °**
Std. Deviation	**0.05**
Maximum	**1.72 °**
Minimum	**1.56 °**
Range	**0.16**

Signature

Michael Yorath
SURVEYOR / PARTY CHIEF

RIG POSITIONING
DGPS CHECK LIST (PRE RIG MOVE)

Client : **Upstream Petroleum** **Job Number :** **P0316**

Rig : **Ocean Patriot** **Date:** **4-Aug-05**

Project : **Rig Move to Basker-2, Bass Strait**
from **Henry-1** **to** **Basker-2**

1) ESTABLISHED WELL COORDINATES
Horizontal Datum: GRS80
Observe 30minutes of DGPS data, logging both Primary and Secondary systems.
Establish a mean drill stem position from the primary navigation system and compare against the established well coordinates.

	Easting	Northing
Established Well Coordinates	644403.17	5712996.35
Observed Coordinates	644404.66	5712997.45
Differences	-1.49	-1.10

Note: Prior to logging DGPS data for the check fix, the Ocean Patriot had moved off location to recover the BOP.

Ensure agreement OK(?) (Y) / N
If No, Check and ensure that rig has not moved off location.

2) PRIMARY/SECONDARY NAV SYSTEMS
From the data logged above, compare the observed coordinates for both Primary and Secondary navigation systems.

	Easting	Northing
Primary Navigation	644404.66	5712997.45
Secondary Navigation	644404.03	5712996.92
Differences	0.62	0.53

Ensure agreement OK(?) (Y) / N
If No, Check antenna offsets and gyro calibration.

Party Chief/Surveyor: _____ Client Representative : _____
Michael Yorath W. Westman

APPENDIX D

CLIENT SUPPLIED INFORMATION

WELL INFORMATION SUMMARY (REVISED, 12TH JULY 2005)

Well Name and Number:	Basker-2
Designation:	Appraisal
Retention Lease:	VIC/RL6
Titleholders:	Anzon Australia Limited (Anzon) and Beach Petroleum Limited (Beach)
Titleholder's Representative:	Andrew Young (Anzon)
Operator (per P(SL)A Well Operations Regulations):	Anzon
Operator's Representative:	Andrew Young (Anzon)
Project Manager:	Upstream Petroleum Pty Ltd (Upstream)
Project Manager's Representative:	Mark Paton (Upstream)
Operator (per NOPSA):	Diamond Offshore General Company (DOGC)
Operator's Representative:	Steven Ramsey (DOGC)
Anticipated Spud Date:	July 2005
Rig Name and Type:	"Ocean Patriot" Semi-Submersible
Drilling Contractor:	DOGC
Water Depth (Mean Sea Level):	154m
Rotary Table Height:	21.5m above MSL
Datum, Spheroid, Map Grid and Projection Information:	GDA94, GRS80, MGA, UTM Zone 55 (Central Meridian 147ºE)
Surface Location Latitude:	38° 17' 58.56" South
Surface Location Longitude:	148° 42' 24.65" East
Surface Location Easting:	649250 mE
Surface Location Northing:	5759565 mN
Surface Location Tolerance:	Radius 25m at surface
Target (Top Zone 5) Latitude:	38° 18' 05.09" South
Target (Top Zone 5) Longitude:	148° 42' 23.36" East
Target (Top Zone 5) Easting:	649215 mE
Target (Top Zone 5) Northing:	5759364 mN
Target (Top Zone 5) Tolerance:	0m to North, 25m to South, 50m to East or West
Target (Top Zone 5) Depth:	3168mTVDRT
Estimated Total Depth:	3305m TVDRT; 50mMD below top volcanics
Max Bottom Hole Temperature:	115°C at 3306mTVDRT
Expected Hydrocarbons:	Oil and gas in Intra-Latrobe sandstones below 3000mTVDRT.
Expected Total Well Days:	42 Days

ENCLOSURE 1

MUD LOG

FORMATION EVALUATION LOG

WELL : BASKER 2

FROM (m): 150 TO (m): 3450 SCALE: 1/ 500

Anzon Australia LIMITED

Geoservices

Country	: AUSTRALIA	**POSITION**		**HOLE / CASING INFO**	
Basin	: GIPPSLAND	Latitude	: 38°17'58.51"S	17 1/2" Hole to (mMDRT)	: 1006
Field	: BASKER	Longitude	: 148°42'24.72"E	12 1/4" Hole to (mMDRT)	: 2956
Permit	: VIC RL6	UTM Co-ord X (m E)	: 649251.9	8 1/2" Hole to (mMDRT)	: 3414
Well Type	: APPRAISAL	UTM Co-ord Y (m N)	: 5759566.4	13 3/8" Shoe at (mMDRT)	: 1000
Rig Name	: Ocean Patriot	RT-MSL (m)	: 21.5	9 5/8" Shoe at (mMDRT)	: 2945
		RT-Seabed (m)	: 174	7" Shoe at (mMDRT)	: 3412

Spud Date	: 14-08-2005
Total Depth Date	: 11-09-2005
Total Depth (mRT)	: 3414
T.V.D. (mSS MSL)	: 3323.1
Status	: CASED & SUSPENDED

ABBREVIATIONS

MW MUD WEIGHT
FV FUNNEL VISCOSITY
PV PLASTIC VISCOSITY
YP YIELD POINT
FC FILTER CAKE
SOL SOLIDS
WL FILTRATE
SD SAND - %
S SALINITY - PPM
RM MUD RESISTIVITY
RMF MUD FILTRATE
C CARBIDE TEST
LAT LOGGED AFTER TRIP
DS DEVIATION SURVEY

NB NEW BIT
RR RERUN BIT
CB CORE BIT
WOB WEIGHT ON BIT
RPM REVS PER MINUTE
FLC FLOW CHECK
CR CIRCULATE RETURNS
PR POOR RETURNS
NR NO RETURNS
BG BACKGROUND GAS
TG TRIP GAS
STG SHORT TRIP GAS
CG CONNECTION GAS
SG SWAB GAS
SVG SURVEY GAS

LITHOLOGY LEGEND

Claystone
Siltstone
Shale
Fine SST
Medium SST
Coarse SST
Marl
Calc Claystone
Limestone
Dolomite
Coal
Volcanics
Lithic Fragment
Foraminifera
Fossils
Bryozoa
Brachiopoda
Cement
Sponges
Glauconite
Pyrite
Iron Minerals
Mica
Carb Fragments

ENGINEERING LEGEND

Shoe
FIT
Bit Trip
Mud loss
Deviation survey
DST
Mud gain
Test
Sidewall Core
Core
Wiper Trip
RFT

MWD Gamma Ray (api) 0 100 200
WOB (Klbs) 0 30 60
ROP Backup (m/h) 400 300 200
ROP (m/h) 200 100 0

DEPTH
MD (m)
TVD(m)

CORES

CUTTINGS LITHOLOGY %

INTERPRETED LITHOLOGY

TOTAL GAS & RESISTIVITY
Resistivity (Deep) Ohm.m .1 1 10 100 1K
Resistivity (Shallow) Ohm.m .1 1 10 100 1K
Total Gas (%) .01 .1 1 10 100

RESERVAL CHROMATOGRAPH
Methane %
Ethane %
Propane %
ISO-Butane %
N-Butane %
ISO-Pentane %
N-Pentane %
.001 .01 .1 1 10

OIL FLUORESCENCE

CALC (%) 0 100
DOLO (%) 100 0

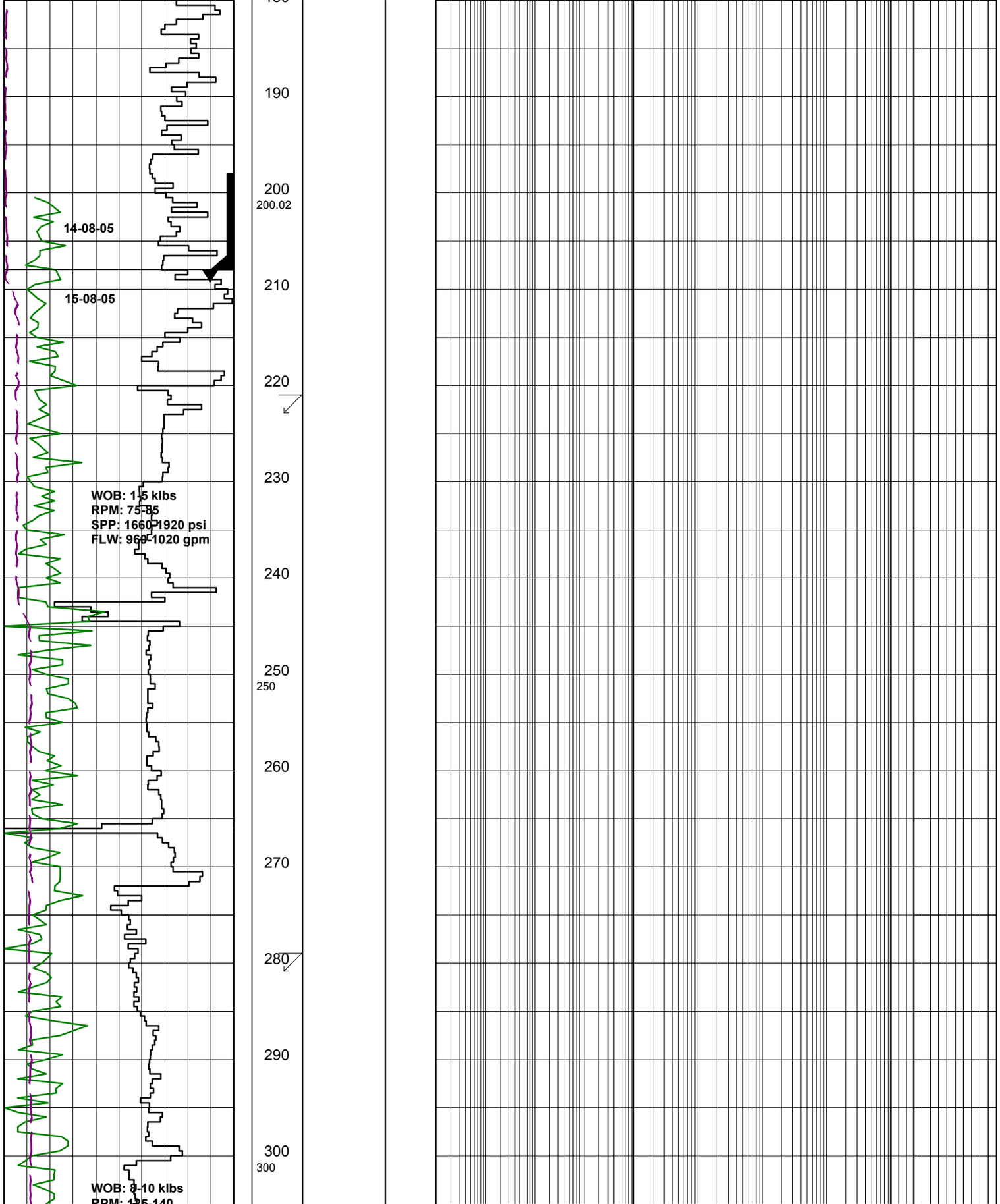
LITHOLOGICAL DESCRIPTIONS AND REMARKS

150
160
170
180

WOB: 0-1 klbs
RPM: 70-100
SPP: 430-880 psi
FLW: 560-840 gpm

BASKER-2 SPUDDED @ 12:00 HRS on 14-08-2005

BIT #1 Hughes MX1+H.O.
SIZE:36" JETS:3x20,4x18
IN: 172m OUT: 208m
RUN: 36m HRS: 1.0



COND:Not Graded

Survey @ 176m: 0.00° 000Az

DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.

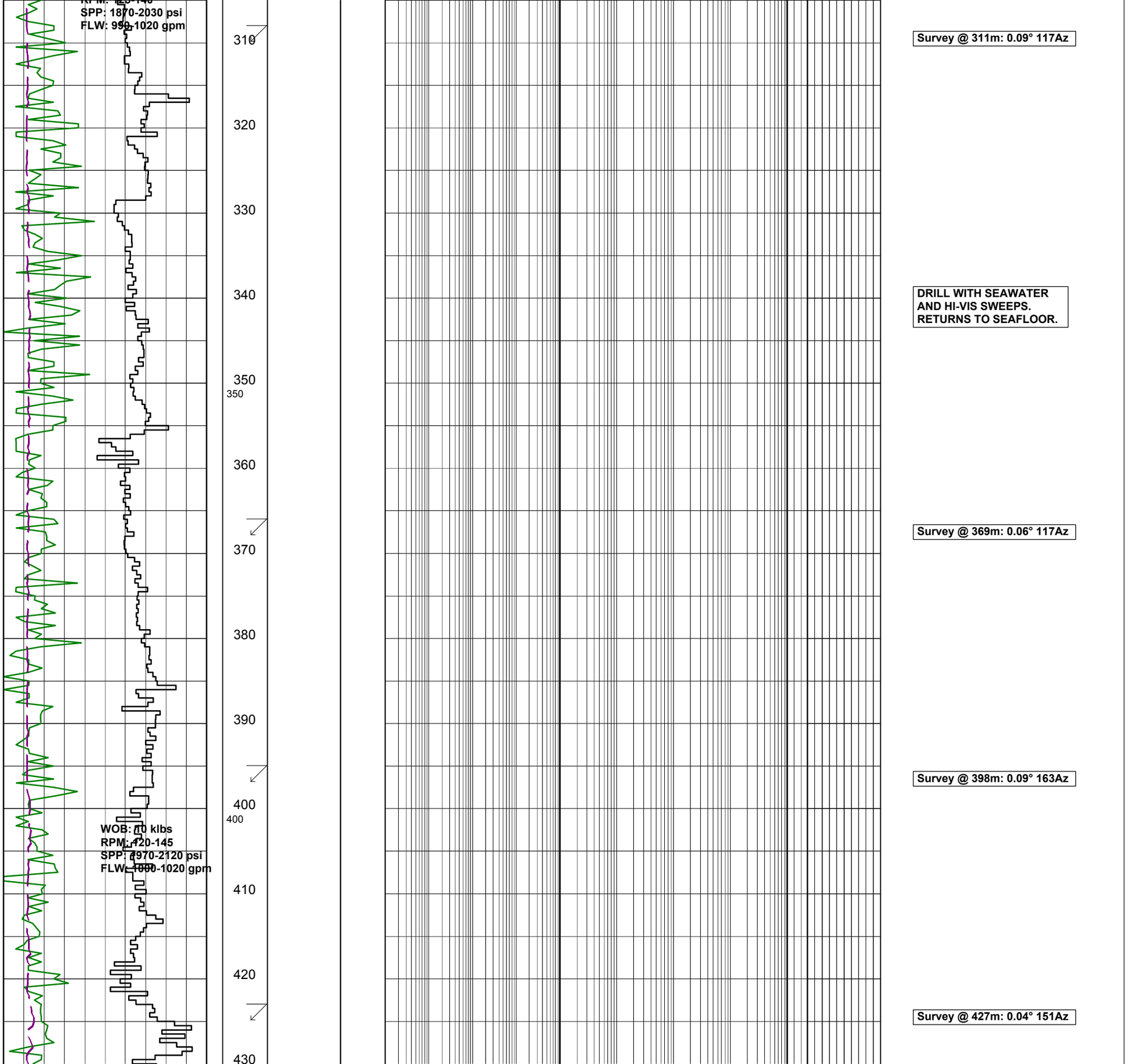
30" CONDUCTOR SET
@ 208 mMDRT

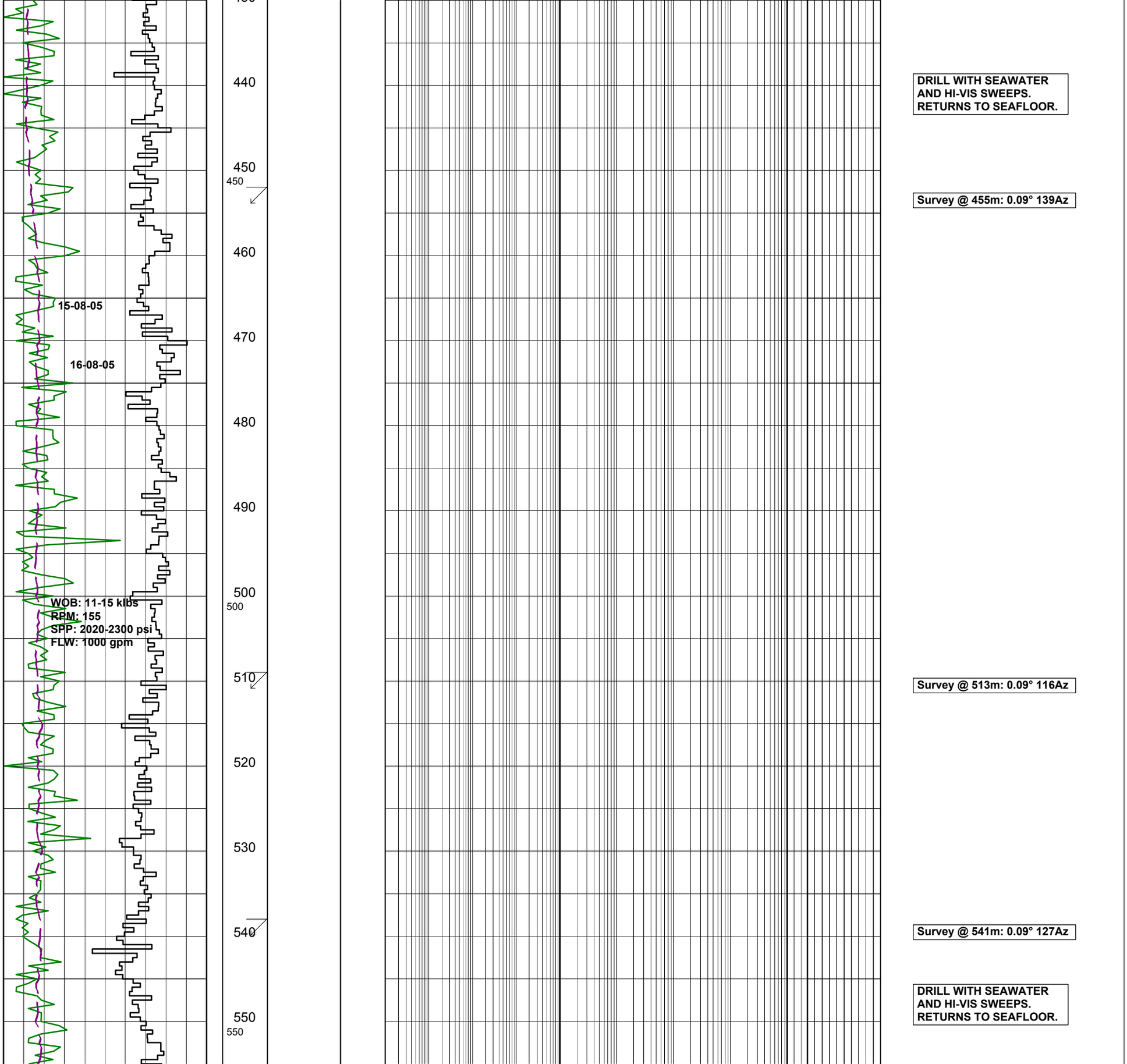
BIT #1RR Hughes MX-1
SIZE:17.5" JETS:3x20
IN: 208m OUT: 1006m
RUN: 798m HRS: 20.9
COND:0-0-NO-A-E-I-RR-TD

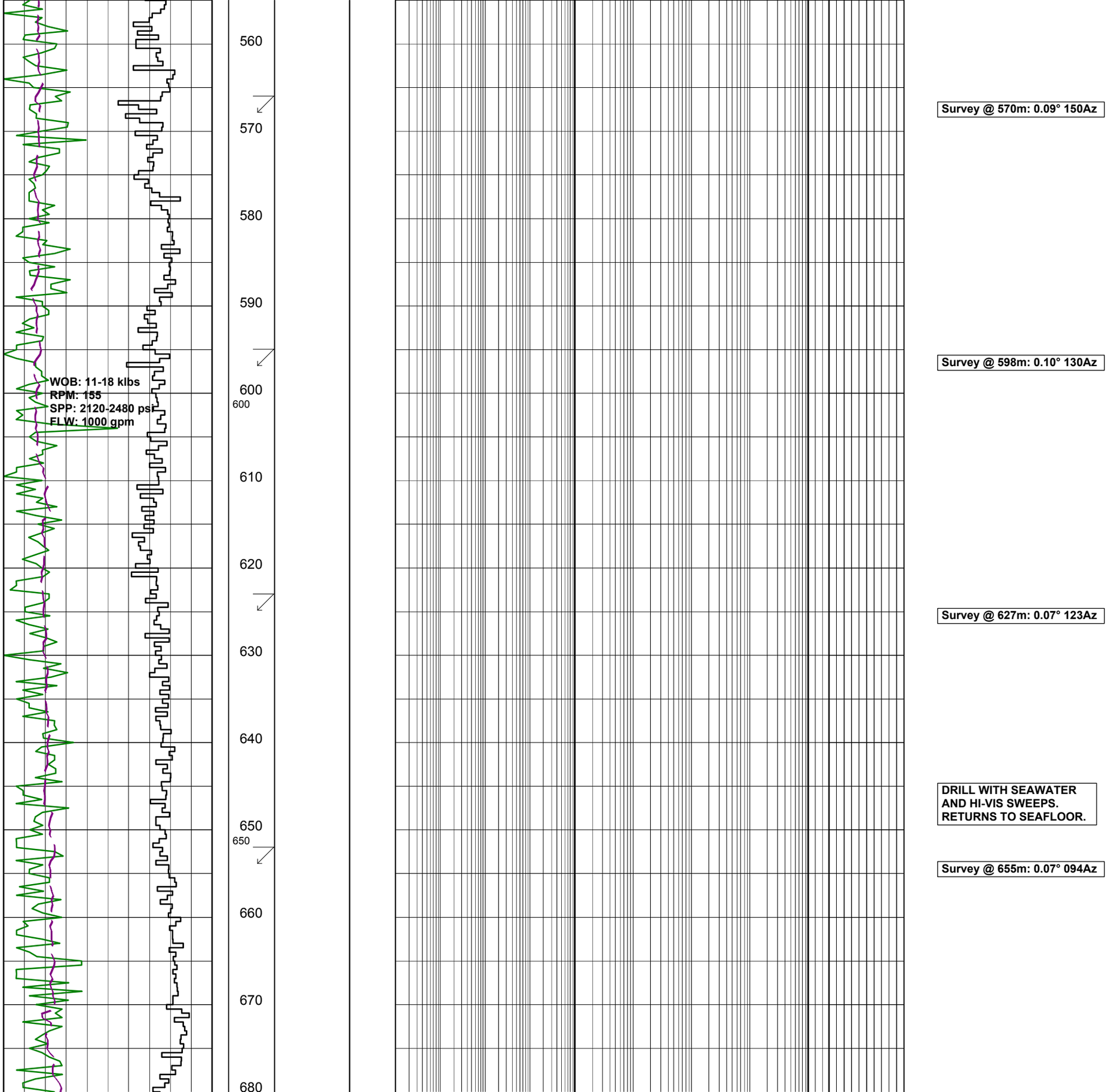
Survey @ 225m: 0.19° 161Az

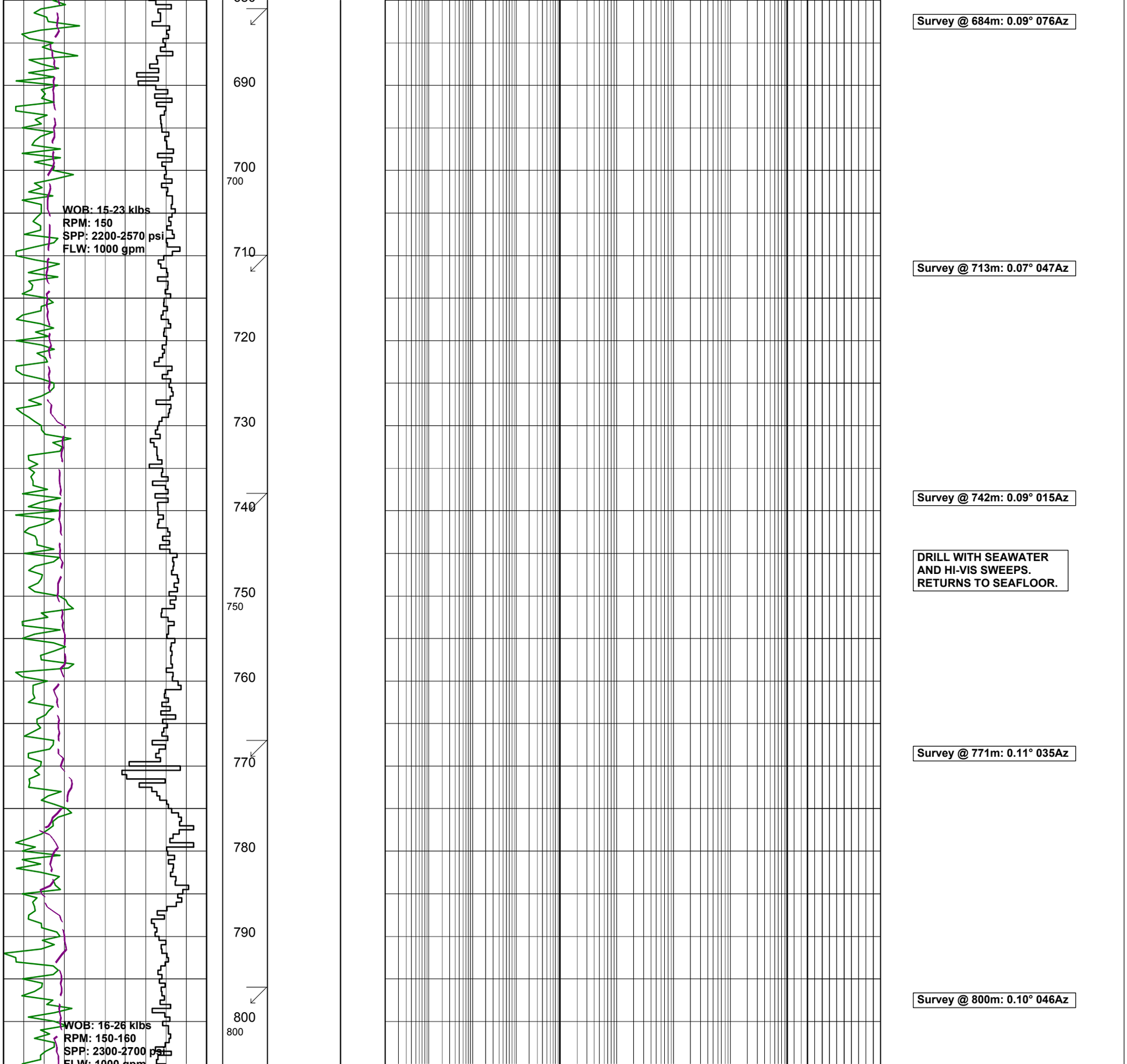
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.

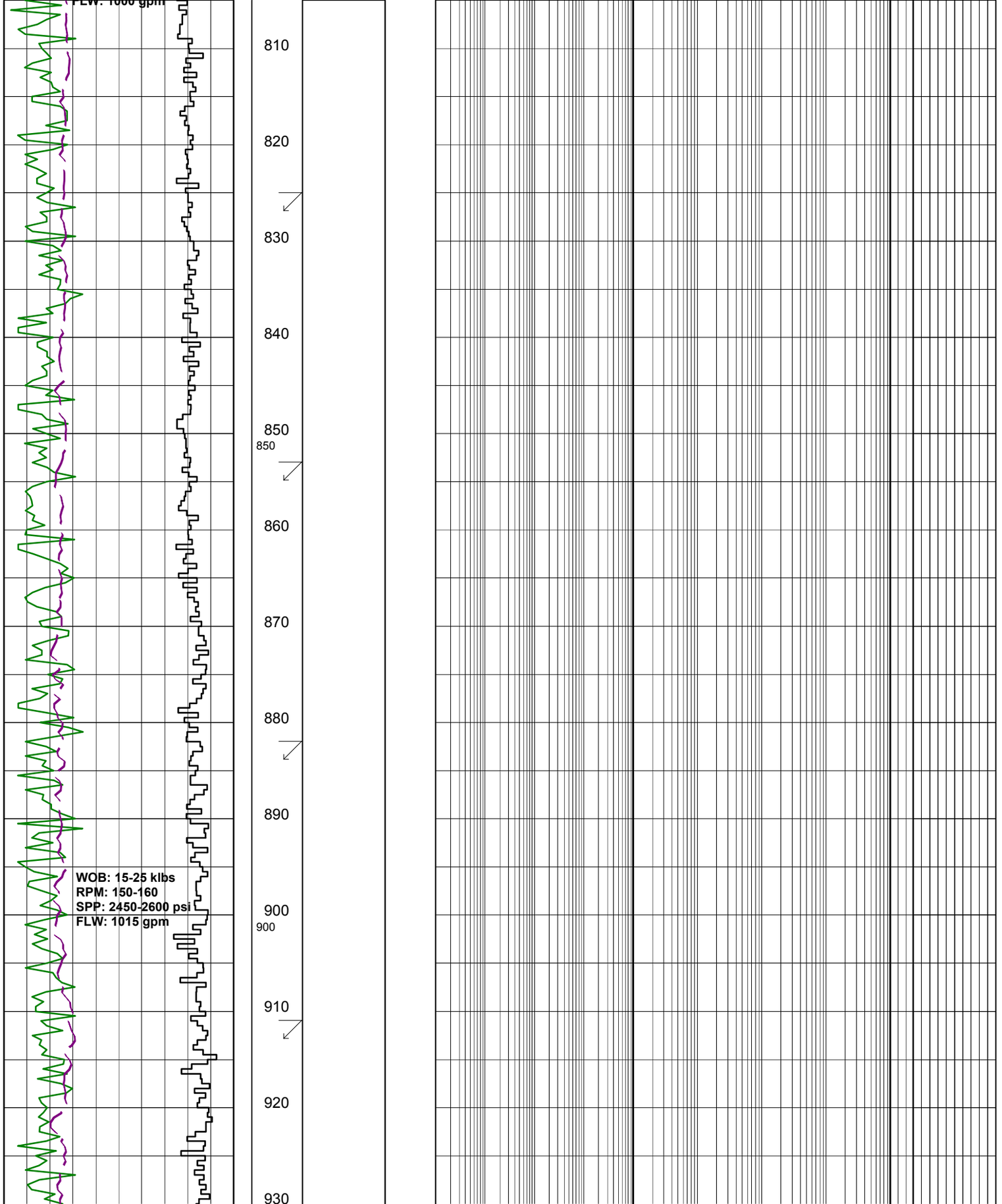
Survey @ 282m: 0.07° 140Az

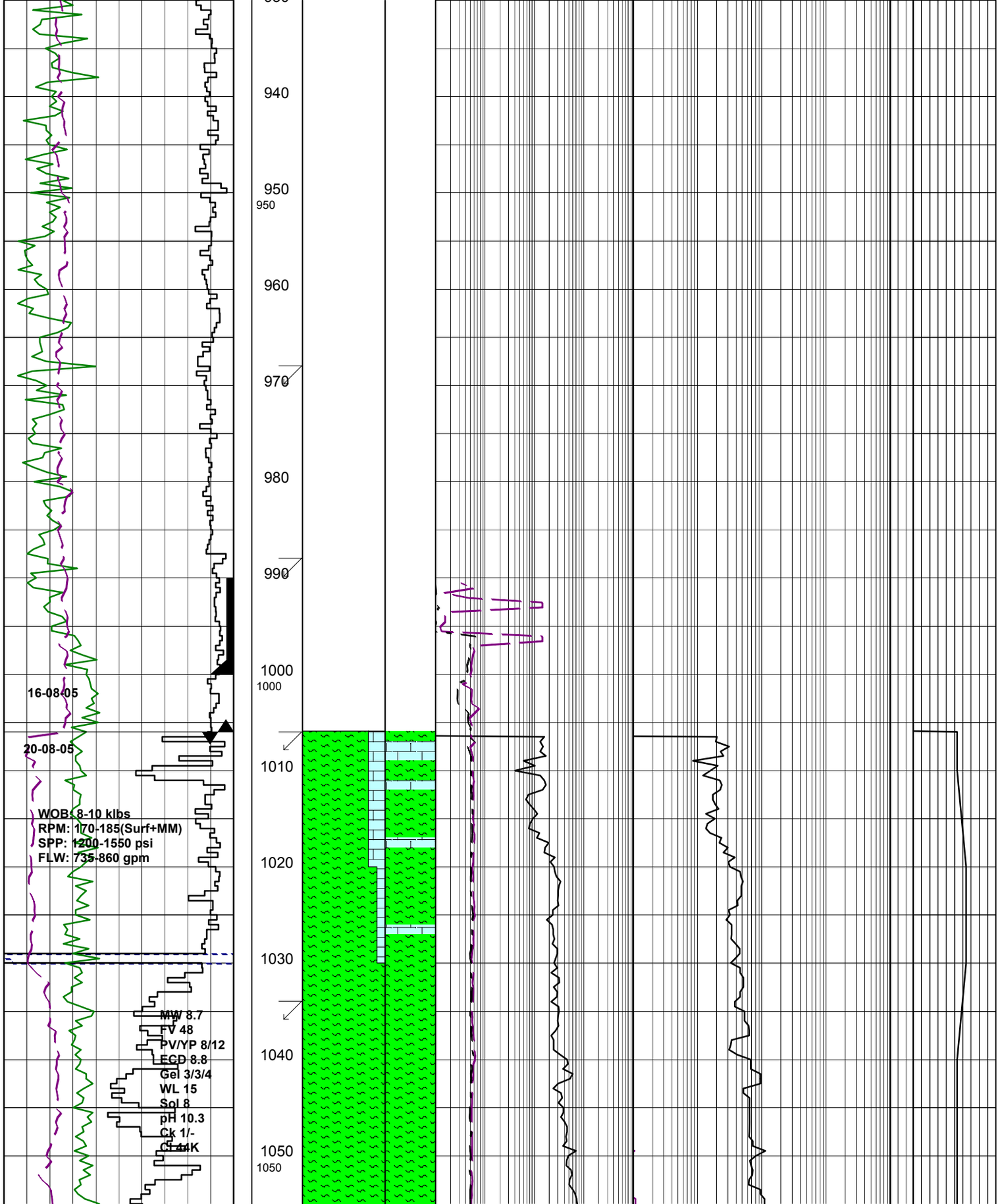

SPP: 1870-2030 psi
FLW: 990-1020 gpm
310
320
330
340
350
350
360
370
380
390
400
400
WOB: 10 klbs
RPM: 120-145
SPP: 1970-2120 psi
FLW: 1000-1020 gpm
410
420
430
Survey @ 311m: 0.09° 117Az
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.
Survey @ 369m: 0.06° 117Az
Survey @ 398m: 0.09° 163Az
Survey @ 427m: 0.04° 151Az


440
450
450
460
15-08-05
470
16-08-05
480
490
500
500
WOB: 11-15 klbs
RPM: 155
SPP: 2020-2300 psi
FLW: 1000 gpm
510
520
530
540
550
550
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.
Survey @ 455m: 0.09° 139Az
Survey @ 513m: 0.09° 116Az
Survey @ 541m: 0.09° 127Az
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.


560
570
580
590
600
600
610
620
630
640
650
650
660
670
680
WOB: 11-18 klbs
RPM: 155
SPP: 2120-2480 psi
FLW: 1000 gpm
Survey @ 570m: 0.09° 150Az
Survey @ 598m: 0.10° 130Az
Survey @ 627m: 0.07° 123Az
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.
Survey @ 655m: 0.07° 094Az


690
700
700
WOB: 15-23 klbs
RPM: 150
SPP: 2200-2570 psi
FLW: 1000 gpm
710
720
730
740
740
750
750
760
770
780
790
800
800
WOB: 16-26 klbs
RPM: 150-160
SPP: 2300-2700 psi
Survey @ 684m: 0.09° 076Az
Survey @ 713m: 0.07° 047Az
Survey @ 742m: 0.09° 015Az
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.
Survey @ 771m: 0.11° 035Az
Survey @ 800m: 0.10° 046Az


FLW: 1000 gpm
810
820
830
840
850
850
860
870
880
890
WOB: 15-25 klbs
RPM: 150-160
SPP: 2450-2600 psi
FLW: 1015 gpm
900
900
910
920
930
Survey @ 828m: 0.07° 089Az
DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.
Survey @ 857m: 0.07° 042Az
Survey @ 885m: 0.00° 253Az
Survey @ 914m: 0.06° 325Az



DRILL WITH SEAWATER
AND HI-VIS SWEEPS.
RETURNS TO SEAFLOOR.

Survey @ 971m: 0.04° 322Az

Survey @ 990m: 0.10° 276Az

13.375" Casing Shoe
set @ 1000 mMDRT

LOT @ 13.375" CSG SHOE
EMW=12.5ppg

BIT #3 Security FM3653Z
SIZE:12.25" JETS:3x18,3x16
IN: 1006m OUT: 2497m
RUN: 1491m HRS: 43.2
COND: 1-4-WT-S-X-2-CT-BHA

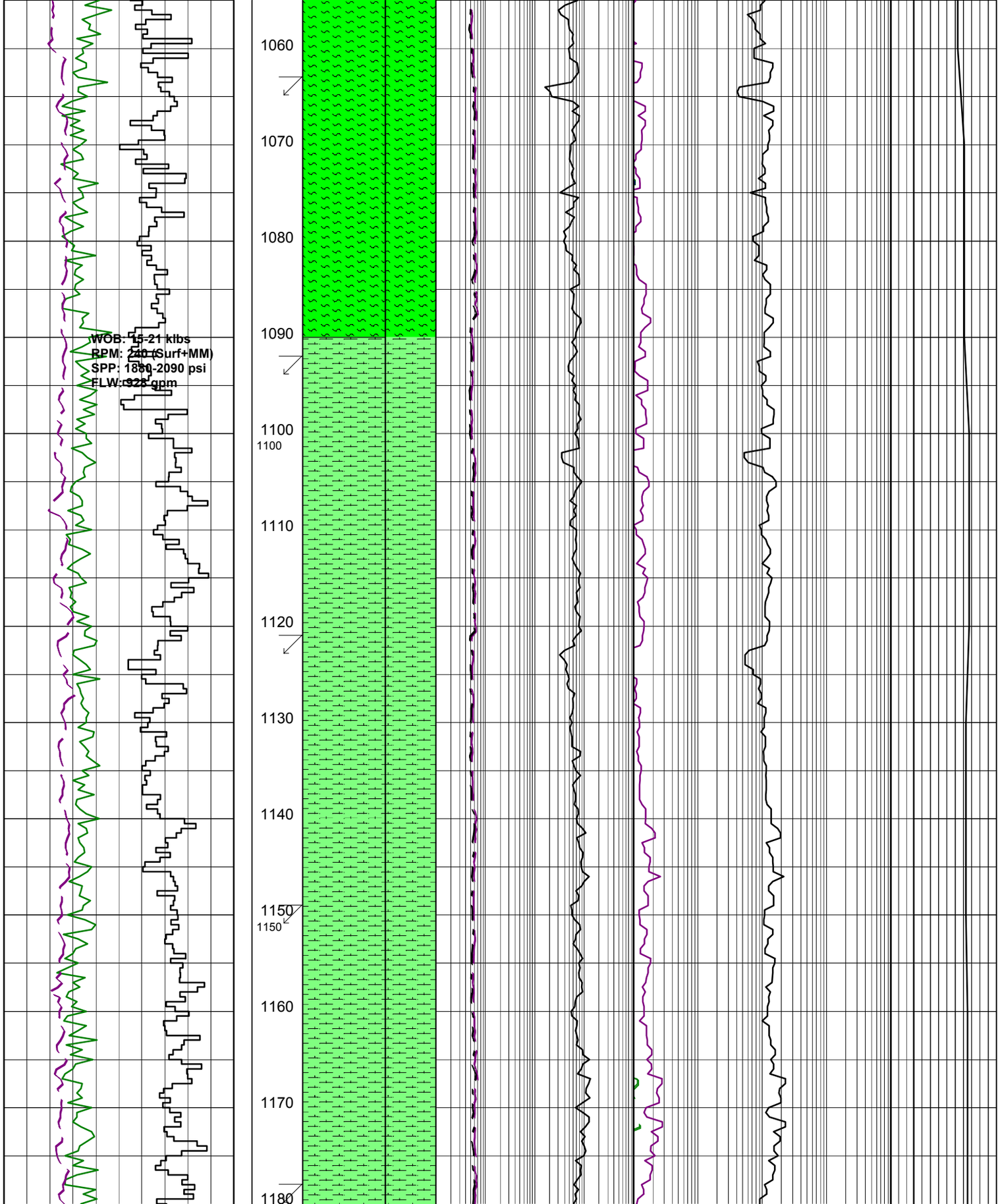
Survey @ 1008m: 0.12° 324Az

KCl/PHPA/Glycol Mud System

MARL:yel gry,lt olv gry,v lt gry,
aren i/p,arg,mnr carb spks &
lams,v sft-sft,blky.

Survey @ 1036m: 0.18° 301Az

MARL:yel gry,olv gry i/p,lt gry,
aren i/p,arg,mnr carb spks &
lams,tr LMST frags,v sft-sft,
mod hd i/p,blky.



Survey @ 1065m: 0.18° 005Az

MARL:yel gry,olv gry i/p,lt gry, aren i/p,arg,mnr carb spks & lams,tr LMST frags,v sft-sft, mod hd i/p,blky.

Survey @ 1094m: 0.22° 331Az

ARGILLACEOUS LIMESTONE: lt gry,lt olv gry,mnr yel gry,com slty,mnr aren,occ carb spks,rr glauc spks,v sft-sft,blky-sbblky.

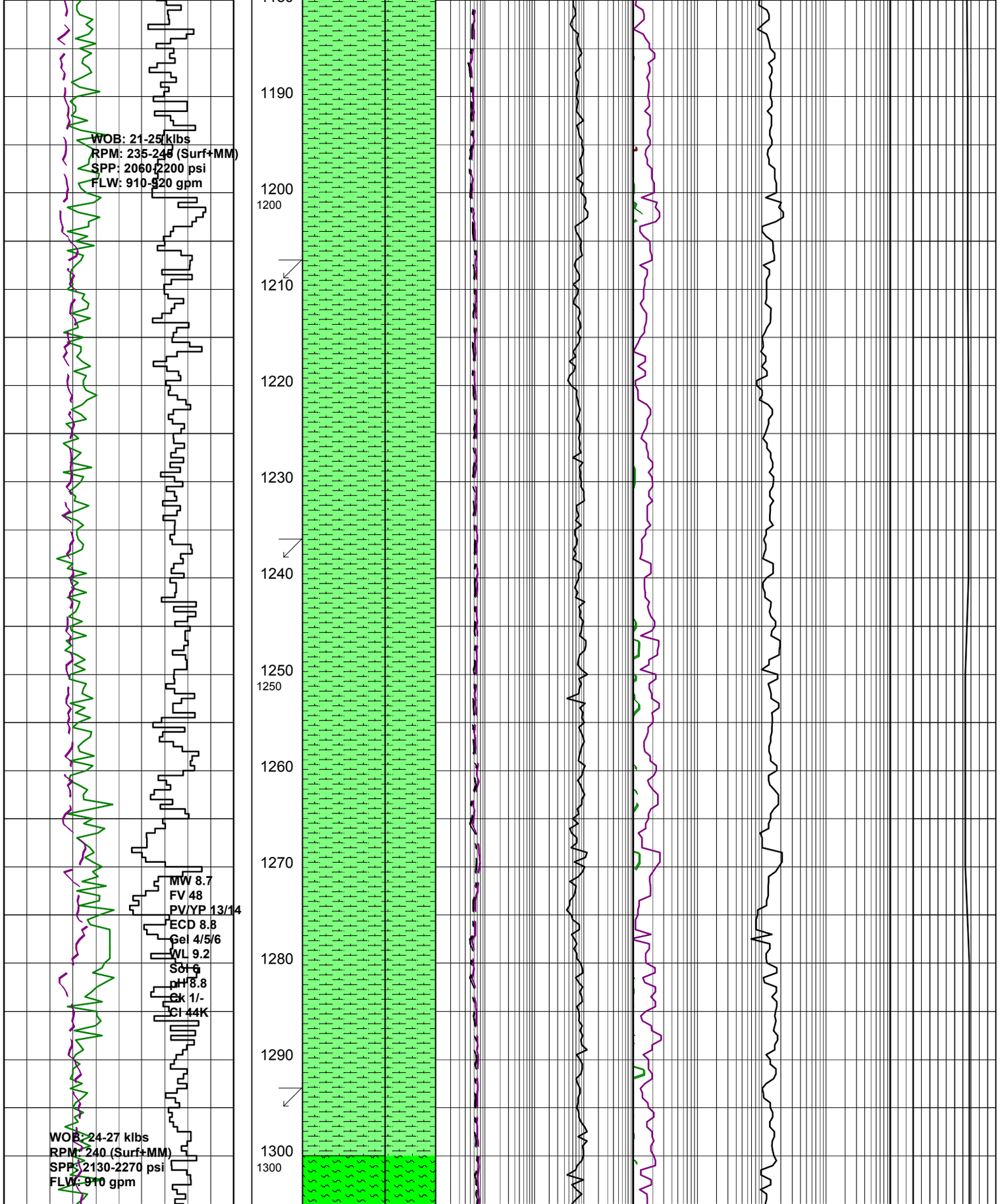
Survey @ 1123m: 0.14° 342Az

ARGILLACEOUS LIMESTONE: lt gry,lt olv gry,mnr yel gry,com slty,mnr aren,occ carb spks,rr carb lams,v sft-sft,blky-sbblky.

Survey @ 1152m: 0.31° 334Az

ARGILLACEOUS LIMESTONE: v lt-lt gry,yel gry,lt olv gry,com slty,mnr vf aren,mod com carb spks,rr carb lams,v sft-sft,rr mod frm,blky-sbblky.

ARGILLACEOUS LIMESTONE: v lt-lt gry,occ yel gry-lt olv gry, com slty,mnr vf aren,mod com carb spks,rr forams,v sft-sft,rr mod frm,blky-sbblky.



Survey @ 1181m: 0.25° 319Az

ARGILLACEOUS LIMESTONE: gen a/a,rr pyr foss.

Survey @ 1209m: 0.31° 341Az

ARGILLACEOUS LIMESTONE: v lt-lt gry,occ yel gry-lt olv gry, com slty,mnr vf aren,rr off wh-pl yel gry LMST frags,occ carb spks,v sft-sft,rr mod frm,blky -sbblky.

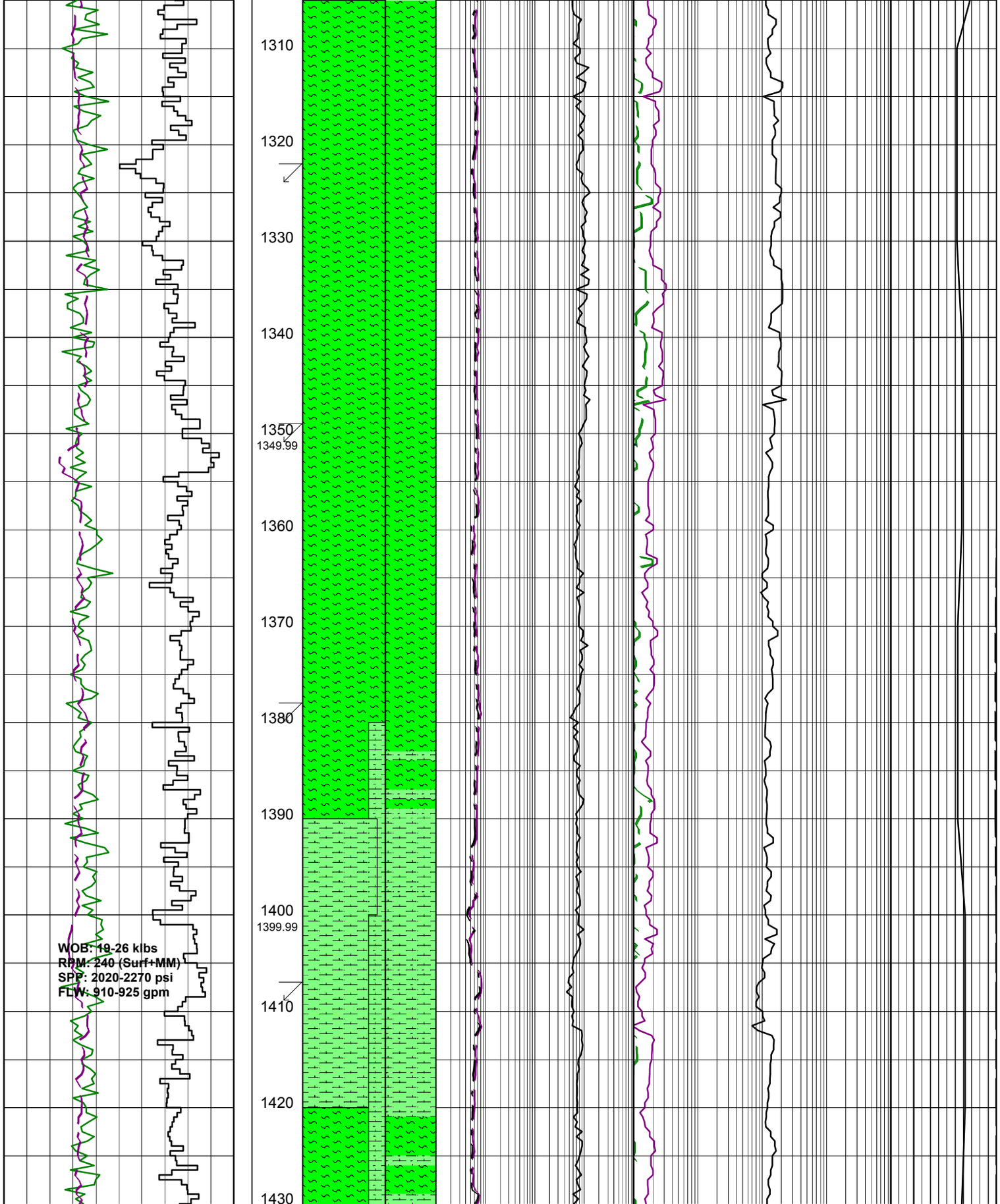
Survey @ 1238m: 0.31° 338Az

ARGILLACEOUS LIMESTONE: v lt-lt gry,occ yel gry-lt olv gry, slty,mnr vf aren,tr off wh-pl yel gry LMST frags,occ carb spks,rr forams,v sft-frm,rr mod hd,blky-sbblky.

ARGILLACEOUS LIMESTONE: lt gry-lt olv gry,yel gry,slty, mnr vf aren,tr off wh LMST frags,occ carb spks,rr carb lams,rr glauc spks,rr forams,v sft-frm,blky-sbblky.

Survey @ 1295m: 0.41° 316Az

ARGILLACEOUS LIMESTONE: a/a,rr mod hd.



MARL:lt gry,lt olv gry,occ yel gry,slty,mnr vf aren,tr off wh LMST frags,tr-occ carb spks,rr glauc spks,v sft-frm, blky-sbblky.

Survey @ 1323m: 0.41° 318Az

MARL:lt gry,lt olv gry,occ yel gry,slty,mnr vf aren,tr off wh LMST frags,tr-occ carb spks,tr glauc spks,rr forams,rr pyr foss,sft-frm,blky-sbblky.

Survey @ 1352m: 0.50° 308Az

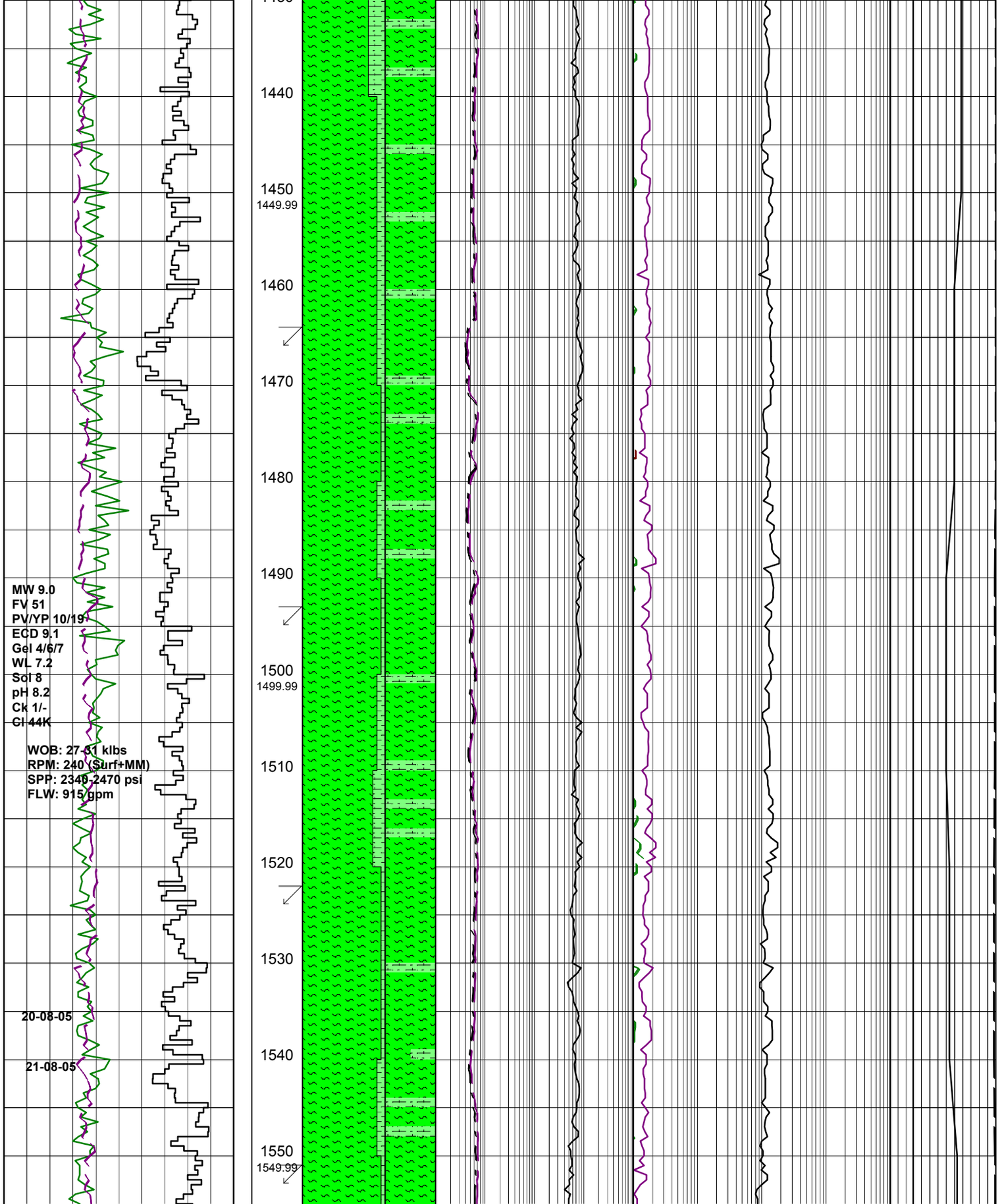
MARL:lt gry,lt olv gry,yel gry, slty,vf aren i/p,tr-occ carb spks,tr glauc spks,sft-frm, sbblky-blky.

Survey @ 1380m: 0.45° 324Az

CALCARENITE:lt yel brn,vf grad to aren MARL,pr srt,sa-sr,wk-mod calc cmt,abdt brn slty mtx, fri-occ mod hd,v pr vis por,no fluor.

Survey @ 1409m: 0.56° 314Az

ARGILLACEOUS LIMESTONE: yel gry,lt olv gry,gry,slty,vf aren i/p,occ carb spks,rr glauc spks, v sft-frm,sbblky-blky,amorph.



CALCARENITE:pl yel brn-lt gry, vf grd to aren MARL,pr srt, sbang-sbrnd,wk-mod calc cmt, abdt gry-brn slty mtx,fri-occ mod hd,v pr vis por,no fluor.

MARL:lt yel brn-pl olv,pred arg, vf aren grd to CALCAREN i/p, tr carb spks,rr glauc spks,rr echino,rr pyr nods,sft-frm, sbblky-blky.

Survey @ 1466m: 0.57° 319Az

MARL:lt yel brn-pl olv,pred arg, vf aren grd to CALCAREN i/p, tr carb spks,rr glauc spks, rr foram,rr pyr nods,sft-frm,sbblky-blky.

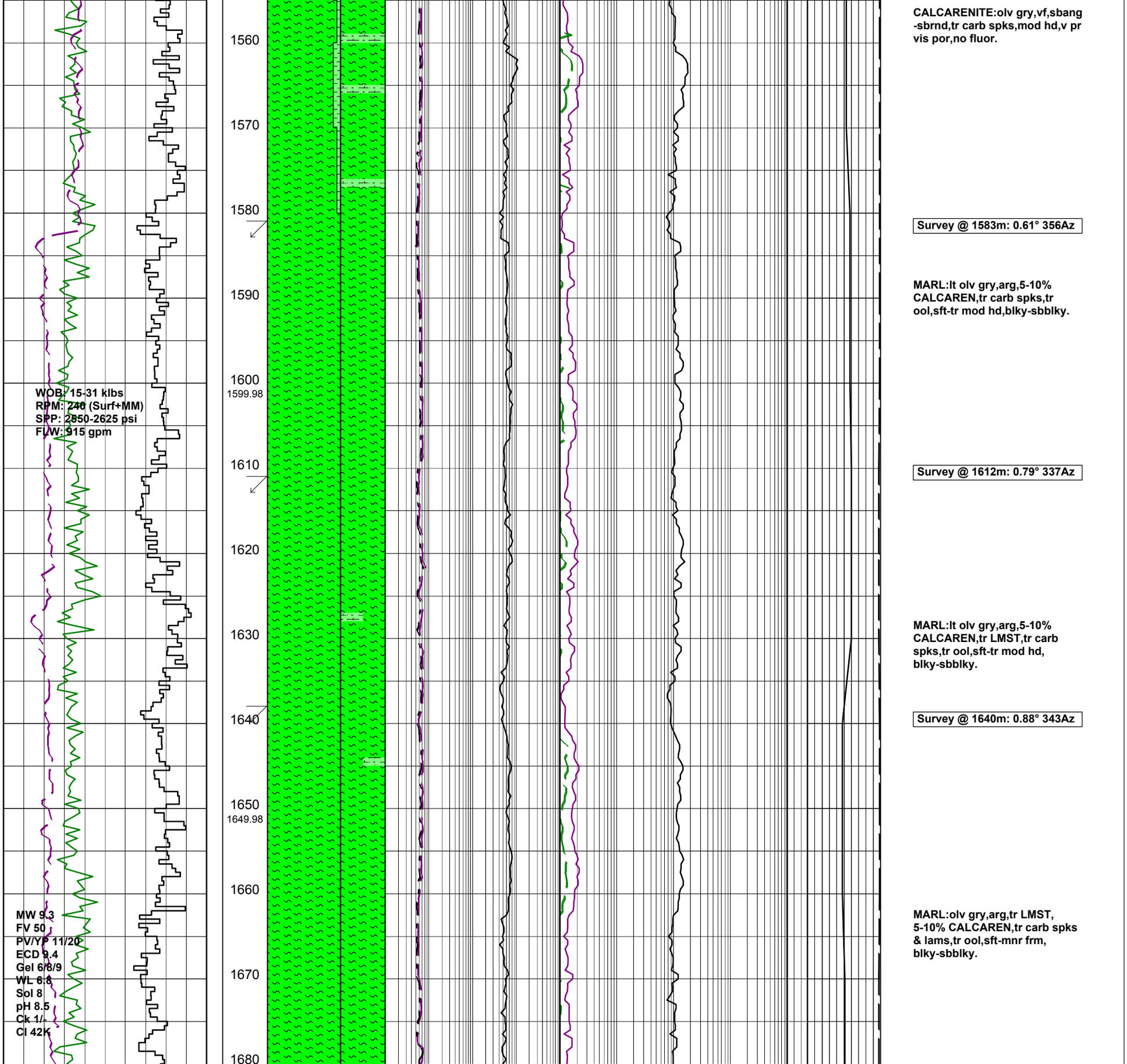
CALCARENITE:a/a.

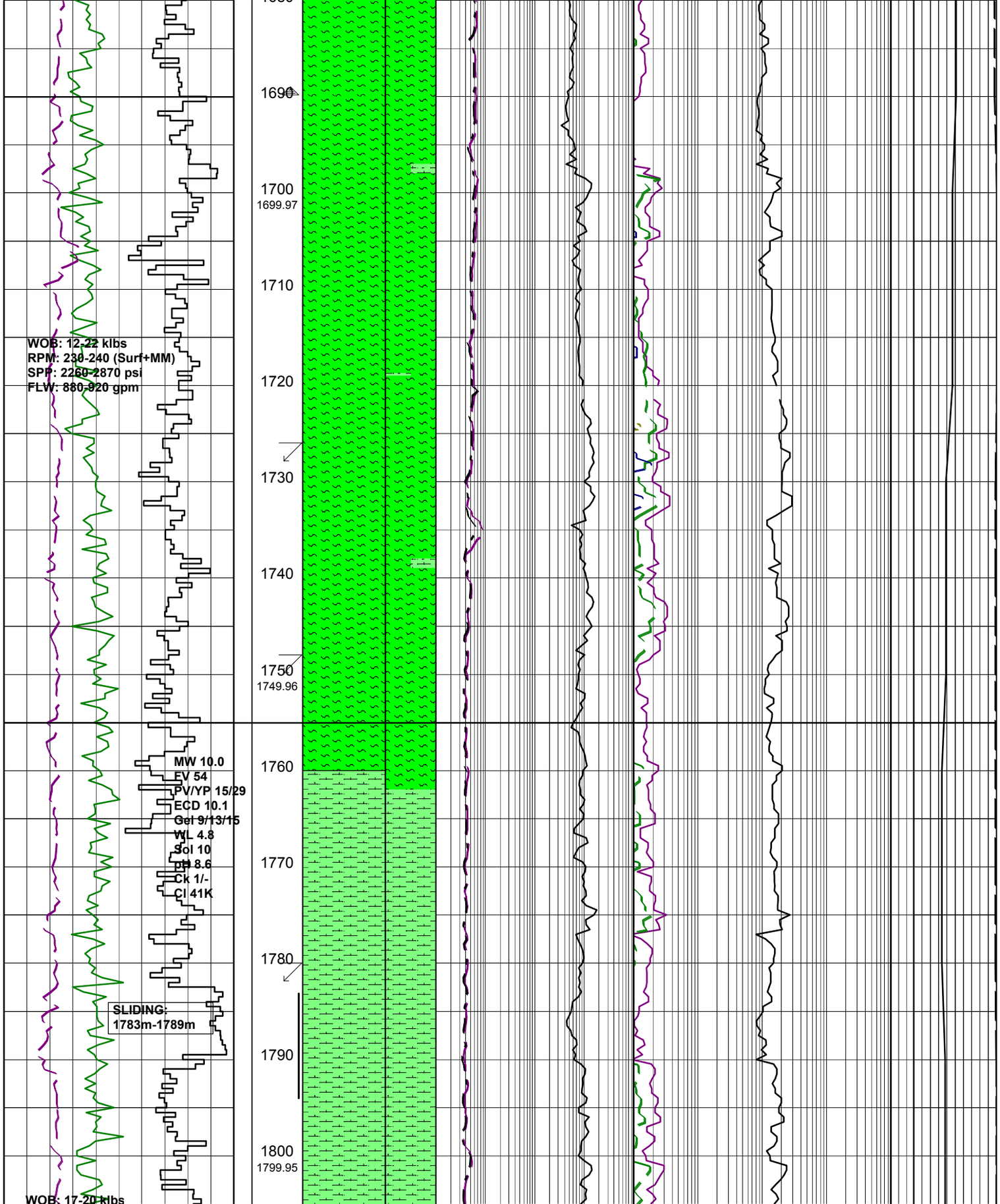
Survey @ 1496m: 0.53° 333Az

Survey @ 1525m: 0.62° 323Az

MARL:lt olv gry,arg,tr aren, tr lams,tr carb spks,sft,mod hd i/p,blky.

Survey @ 1554m: 0.62° 337Az


1560
1570
1580
1590
1600
1599.98
1610
1620
1630
1640
1650
1649.98
1660
1670
1680
WOB: 15-31 klbs
RPM: 240 (Surf+MM)
SPP: 2650-2625 psi
FLW: 915 gpm
MW 9.3
FV 50
PV/YP 11/20
ECD 9.4
Gel 6/8/9
WL 6.8
Sol 8
pH 8.5
Ck 1/-
Cl 42K
CALCARENITE:olv gry,vf,sbang -sbrnd,tr carb spks,mod hd,v pr vis por,no fluor.
Survey @ 1583m: 0.61° 356Az
MARL:lt olv gry,arg,5-10% CALCAREN,tr carb spks,tr ool,sft-tr mod hd,blky-sbblky.
Survey @ 1612m: 0.79° 337Az
MARL:lt olv gry,arg,5-10% CALCAREN,tr LMST,tr carb spks,tr ool,sft-tr mod hd, blky-sbblky.
Survey @ 1640m: 0.88° 343Az
MARL:olv gry,arg,tr LMST, 5-10% CALCAREN,tr carb spks & lams,tr ool,sft-mnr frm, blky-sbblky.



WIPER TRIP TO PICK UP MORE DRILL PIPE

MARL:lt olv gry-lt gry,lt brn gry, arg,5-10% CALCAREN,tr-occ carb spks,rr carb flks,rr pyr foss,tr ool,rr glauc,sft-frm, blky-sbblky.

MARL:lt olv gry-lt gry,lt brn gry, arg,5-10% CALCAREN,tr wh LMST,carb spks,tr carb flks,tr glauc,rr echino,rr ool,sft-frm, blky-sbblky.

Survey @ 1727m: 1.05° 342Az

MARL:lt olv gry-lt gry,lt brn gry, arg,occ vf aren grd i/p to CALCAREN,tr wh LMST,tr carb spks & flks,tr glauc,tr ool, rr pyr nods,sft-frm,blky-sbblky.

Survey @ 1754m: 1.25° 345Az

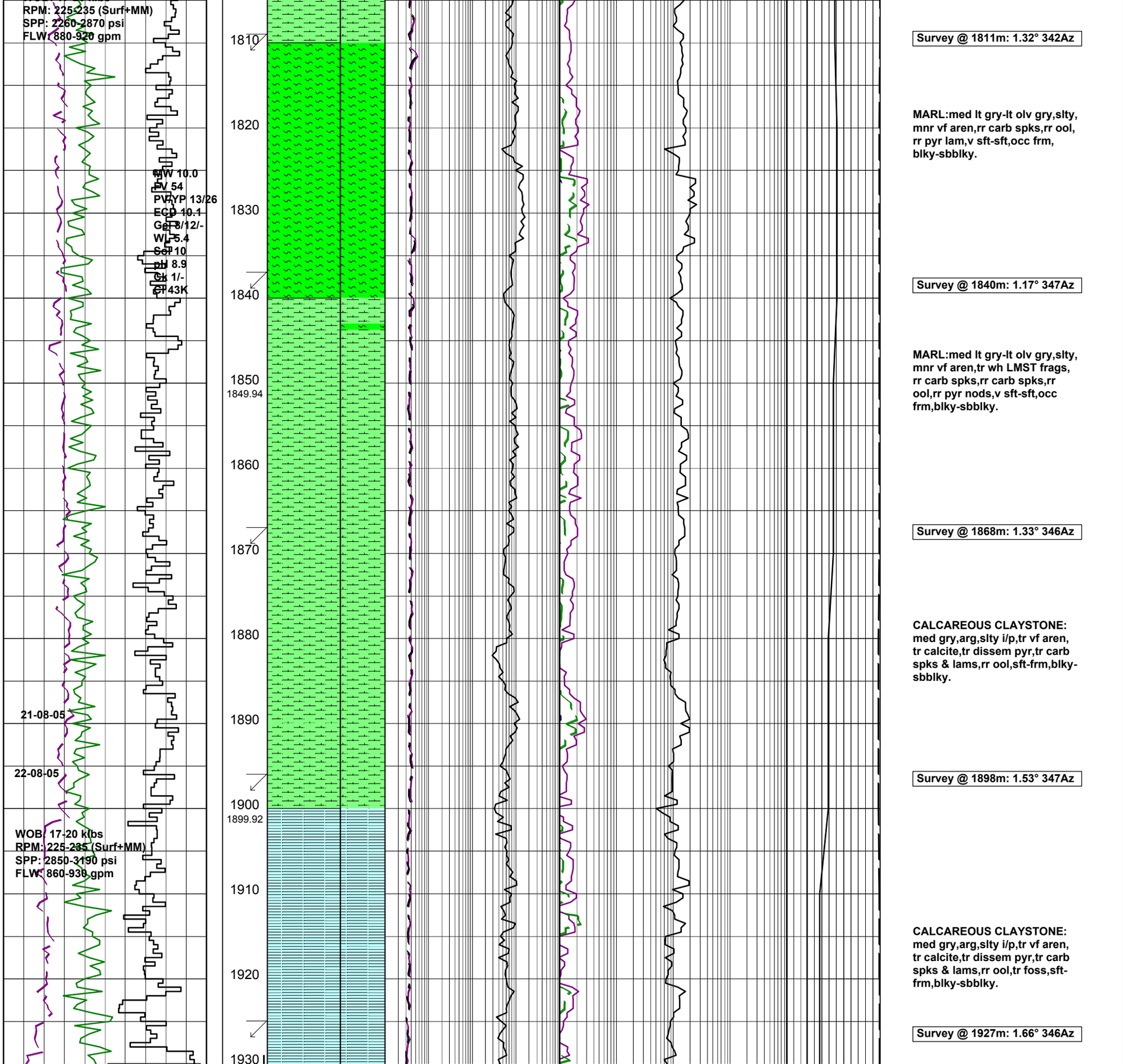
LAKES ENTRANCE FM
1755m MD (1755m TVD)

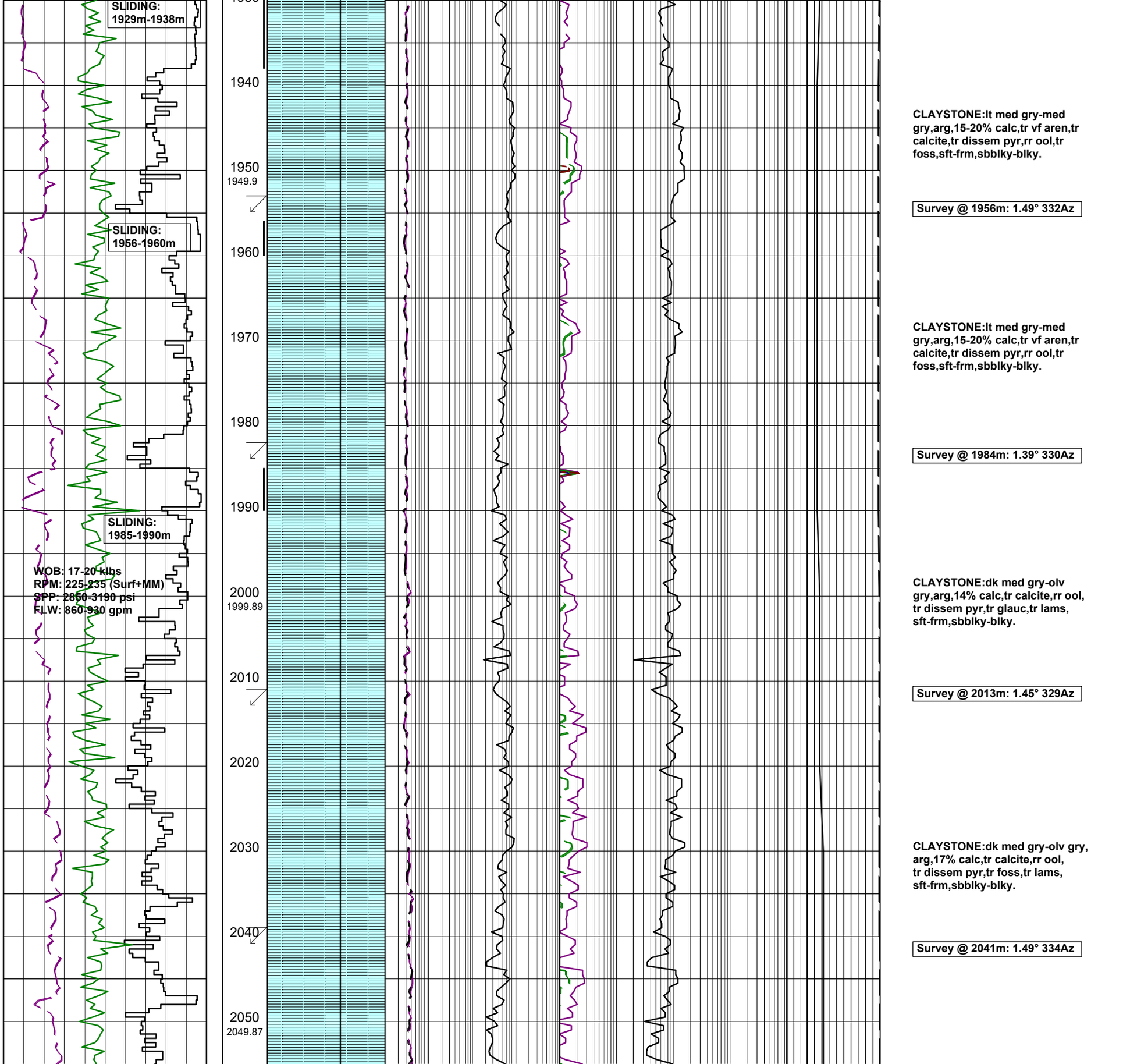
MARL:lt olv gry-lt gry,arg,grad to calc CLYST,vf aren i/p,rr pyr & calc COAL frag,tr carb spks, rr glauc,tr ool,rr pyr nods,v sft-sft,occ frm,blky-sbblky.

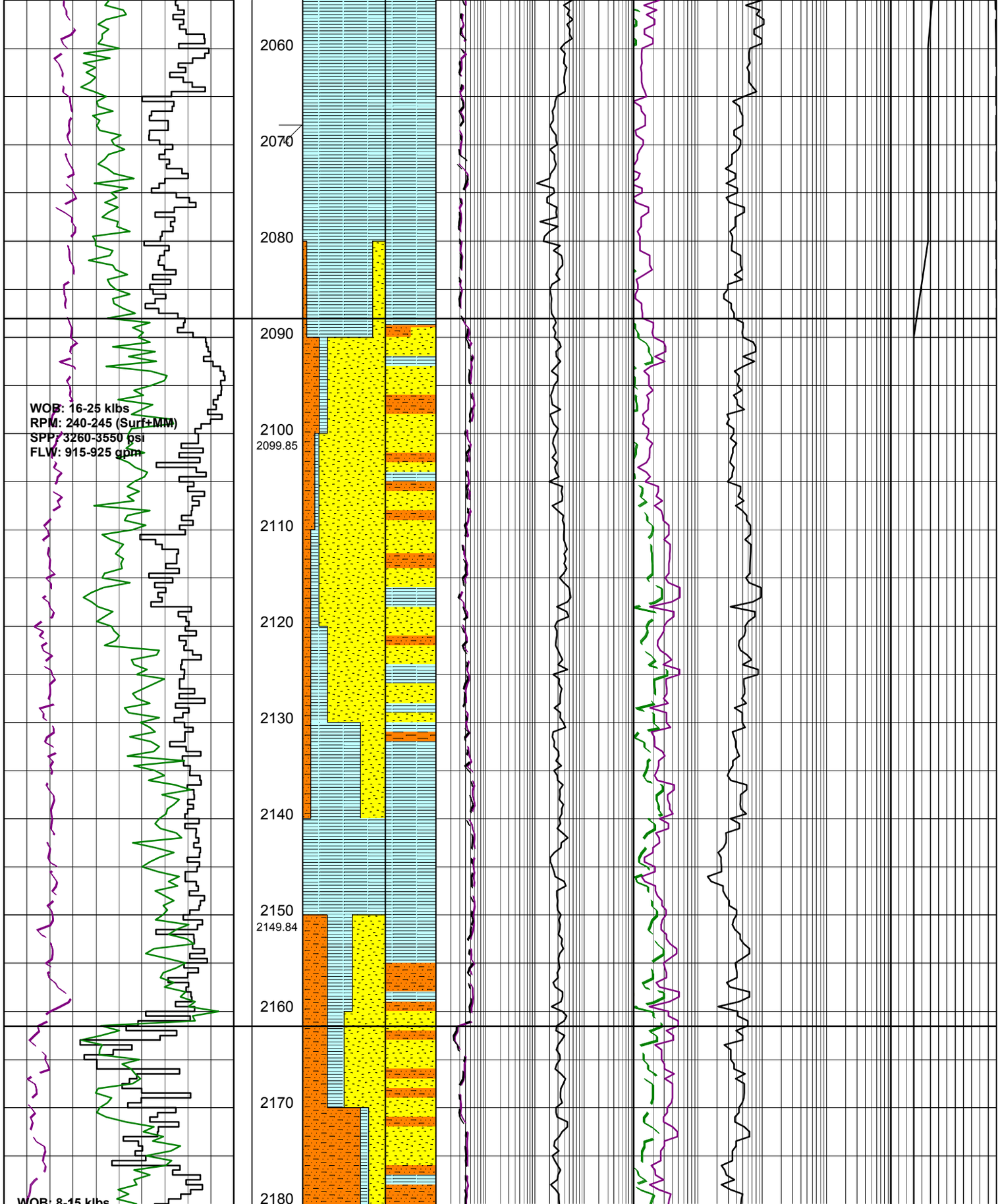
CALCAREOUS CLAYSTONE: lt olv gry-lt gry,grd to MARL, slty,mnr vf aren,tr carb spks, tr ool,rr pyr nods,rr glauc spks, v sft-sft,occ frm,blky-sbblky.

Survey @ 1782m: 1.31° 349Az

CALCAREOUS CLAYSTONE: med lt gry-lt olv gry,slty,mnr vf aren,rr carb spks,rr ool,v sft-sft,occ frm,blky-sbblky.


RPM: 225-235 (Surf+MM)
SPP: 2260-2870 psi
FLW: 880-920 gpm
MW 10.0
FV 54
PV/YP 13/26
ECD 10.1
Gel 8/12/-
WL 5.4
Sol 10
pH 8.9
Ck 1/-
Cl 43K
1810
1820
1830
1840
1850
1849.94
1860
1870
1880
21-08-05
1890
22-08-05
1900
1899.92
WOB: 17-20 klbs
RPM: 225-235 (Surf+MM)
SPP: 2850-3190 psi
FLW: 860-930 gpm
1910
1920
1930
Survey @ 1811m: 1.32° 342Az
MARL:med lt gry-lt olv gry,slty, mnr vf aren,rr carb spks,rr ool, rr pyr lam,v sft-sft,occ frm, blky-sbblky.
Survey @ 1840m: 1.17° 347Az
MARL:med lt gry-lt olv gry,slty, mnr vf aren,tr wh LMST frags, rr carb spks,rr carb spks,rr ool,rr pyr nods,v sft-sft,occ frm,blky-sbblky.
Survey @ 1868m: 1.33° 346Az
CALCAREOUS CLAYSTONE: med gry,arg,slty i/p,tr vf aren, tr calcite,tr dissem pyr,tr carb spks & lams,rr ool,sft-frm,blky-sbblky.
Survey @ 1898m: 1.53° 347Az
CALCAREOUS CLAYSTONE: med gry,arg,slty i/p,tr vf aren, tr calcite,tr dissem pyr,tr carb spks & lams,rr ool,tr foss,sft-frm,blky-sbblky.
Survey @ 1927m: 1.66° 346Az


SLIDING:
1929m-1938m
SLIDING:
1956-1960m
SLIDING:
1985-1990m
WOB: 17-20 klbs
RPM: 225-235 (Surf+MM)
SPP: 2850-3190 psi
FLW: 860-930 gpm
1940
1950
1949.9
1960
1970
1980
1990
2000
1999.89
2010
2020
2030
2040
2050
2049.87
CLAYSTONE:lt med gry-med gry,arg,15-20% calc,tr vf aren,tr calcite,tr dissem pyr,rr ool,tr foss,sft-frm,sbblky-blky.
Survey @ 1956m: 1.49° 332Az
CLAYSTONE:lt med gry-med gry,arg,15-20% calc,tr vf aren,tr calcite,tr dissem pyr,rr ool,tr foss,sft-frm,sbblky-blky.
Survey @ 1984m: 1.39° 330Az
CLAYSTONE:dk med gry-olv gry,arg,14% calc,tr calcite,rr ool, tr dissem pyr,tr glauc,tr lams, sft-frm,sbblky-blky.
Survey @ 2013m: 1.45° 329Az
CLAYSTONE:dk med gry-olv gry, arg,17% calc,tr calcite,rr ool, tr dissem pyr,tr foss,tr lams, sft-frm,sbblky-blky.
Survey @ 2041m: 1.49° 334Az



CLAYSTONE:lt med gry-lt olv gry,arg,20% calc,tr calcite,rr glauc,dissem pyr,tr vf qtz grns, tr lams,v sft-sft,sbblky-blky.

Survey @ 2069m: 1.39° 334Az

LATROBE FORMATION
2088.5m MD (2088.4m TVD)

SANDSTONE:clr,dom trnsl,dom f-med,mnr crs-v crs,mod srt, sbang-sbrnd,tr Fe stn,com glauc, cln & lse,fr inf por,no fluor.

SILTSTONE:lt brn,pl rd prpl,lt gry,aren,kaol i/p,Fe stn i/p,com glauc & qtz grs,frm-mod hd i/p, blky.

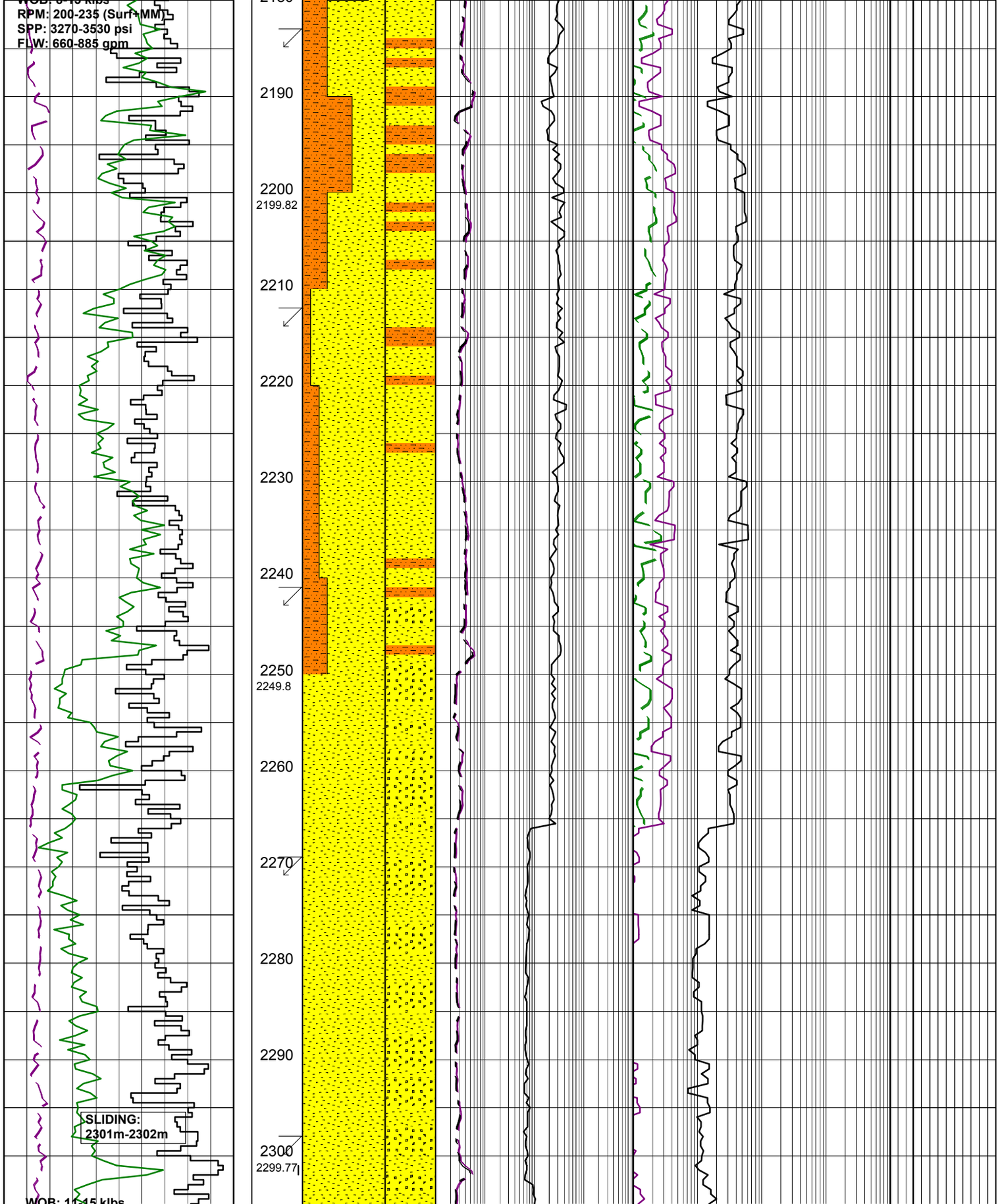
SANDSTONE:clr,dom trnsl, frstd,dom vf-f,mnr med-v crs, mod srt,sbang-sbrnd,slty mtx,tr wk calc cmt,com glauc,dom lse, ti inf por,no fluor.

CLAYSTONE:lt olv gry-olv gry, slty,rr vf aren,rr med qtz grs, tr glauc incls,calc i/p,rr carb spks,rr dissem pyr,v sft-disp, sbbkly-amorph.

SILTSTONE:lt olv gry,mott grn gry/mod grn,arg,com aren grd to slty SST,com glauc,occ calc, nods,tr pyr,v sft-disp,sbblky -amorph.

BASE TF CHANNEL
2161.5m MD (2161.3m TVD)

SANDSTONE:clr,trnsl,frstd,off wh,f-med,rr crs,mod wl srt, sbrnd-pred sbang,wk sil cmt,occ wk calc cmt,com wh kaol mtx,tr glauc incls,lse-fri,v pr vis por,pr inf por,no fluor.



Survey @ 2185m: 1.56° 331Az

SANDSTONE:clr,trnsl,frstd, mott mod grn/wh,f-med,occ crs, mod pr srt,sbang-sbrnd,mnr crs rnd,wk sil cmt,tr wk calc cmt, occ wh kaol mtx,tr glauc & pyr mtx,lse-fri,v pr vis por,fr inf por, no fluor.

SILTSTONE:med lt olv gry-lt olv gry,occ mott wh/gry,pred aren & grd to slty SST,com arg,tr calc, tr-occ carb spks,tr-occ dissem & nod pyr,rr glauc incls,v sft-disp,sbblky-amorph.

Survey @ 2214m: 1.69° 338Az

SANDSTONE:clr,trnsl,frstd,lt gry,mott mod grn/gry,f-crs,com v crs,pr srt,sbang-sbrnd,com polshd,wk sil cmt,tr wk calc cmt, occ wh kaol & gry slty mtx,tr glauc & pyr incls,lse-fri,v pr vis por,fr inf por,no fluor.

Survey @ 2242m: 1.79° 337Az

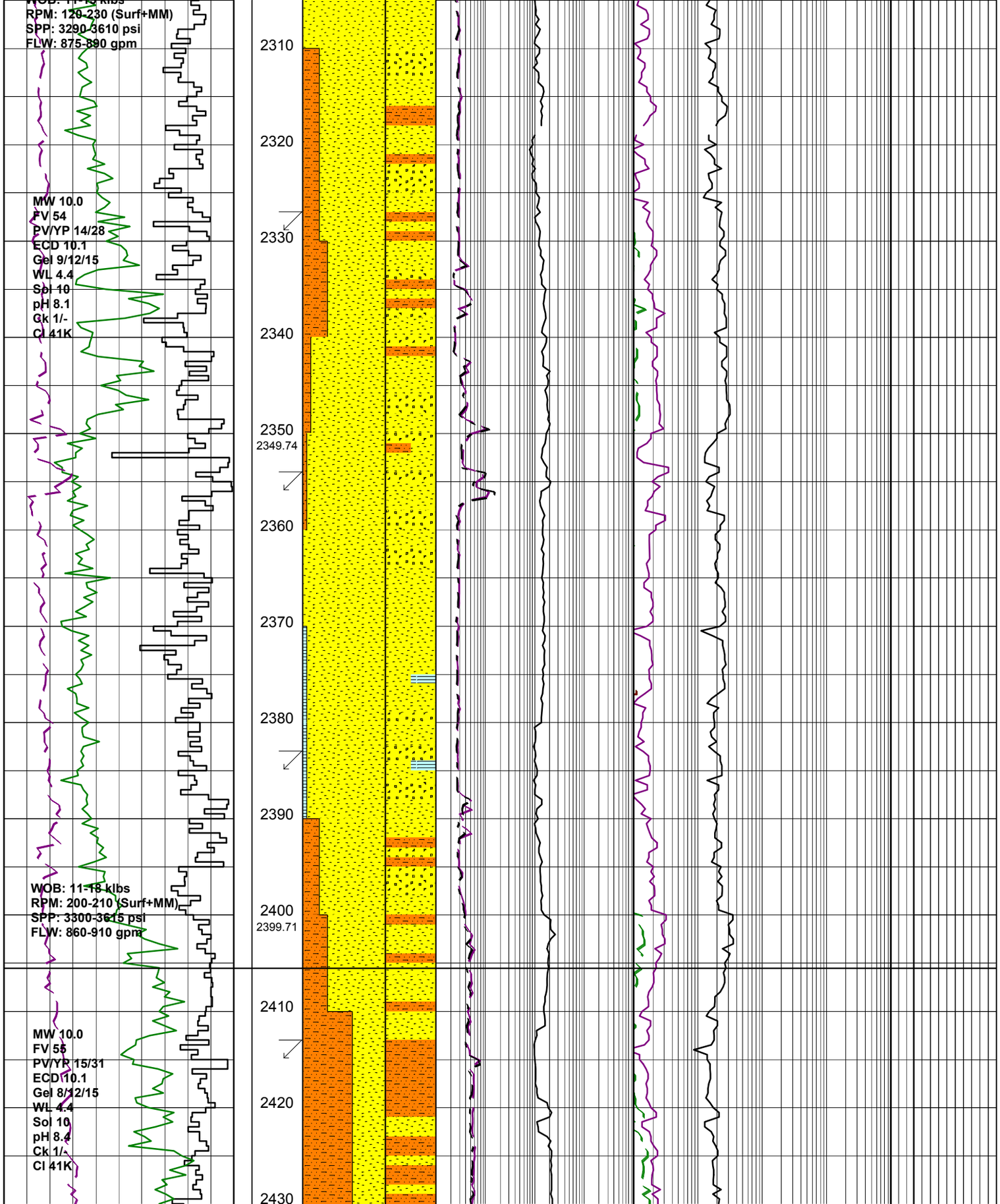
SILTSTONE:med lt olv gry-lt olv gry,occ mott wh/gry,pred aren & grd to slty SST,com arg,tr calc, tr carb spks,tr-occ dissem & nod pyr,rr glauc incls,disp, amorph.

SANDSTONE:clr,trnsl,frstd,lt gry,f-v crs,v pr srt,sbang-pred sbrnd,com polshd,wk sil cmt,tr wk calc cmt,tr wh kaol & gry slty mtx,occ pyr mtx,tr cht grs,lse,fr-gd inf por,no fluor.

Survey @ 2271m: 1.80° 338Az

SANDSTONE:clr,trnsl,frstd,occ med gry,f-v crs,v pr srt,sbang-pred sbrnd,com polshd,wk sil cmt,tr wk calc cmt,occ pyr mtx, tr cht grs,lse,fr-gd inf por,no fluor.

Survey @ 2300m: 1.92° 340Az



SILTSTONE:lt olv gry-lt gry,off wh,arg,vf aren i/p,tr carb spks,tr glauc incls,tr pyr nods,v sft-sft, occ frm,amorph,sbblky-blky.

Survey @ 2328m: 1.98° 340Az

SANDSTONE:clr,trnsl,frstd,occ med gry,f-v crs,v pr srt,sbang-pred sbrnd,com polshd,wk sil cmt,wk dol cmt,occ pyr mtx, tr cht grs,rr glauc nods,lse-occ fri,mnr mod hd,fr-gd inf por,fr vis por,dim orng min fluor.

Survey @ 2356m: 1.99° 341Az

SANDSTONE:clr,trnsl,frstd,f-v crs,v pr srt,sbang-pred sbrnd, com polshd,wk sil cmt,occ wk-mod dol cmt,occ pyr mtx,lse, occ fri,mnr mod hd,fr-gd inf por, pr-fr vis por,dim orng min fluor.

CLAYSTONE:lt gry-lt olv gry, com slty,aren i/p,calc i/p,tr pyr nods,rr carb spks & glauc incls, v sft-frm,sbblky-blky.

SILTSTONE:lt gry-lt olv gry, arg,com aren,occ carb i/p grd to slty COAL frags,occ calc,tr pyr nods,rr glauc nods,v sft-disp,occ frm,amorph-sbblky.

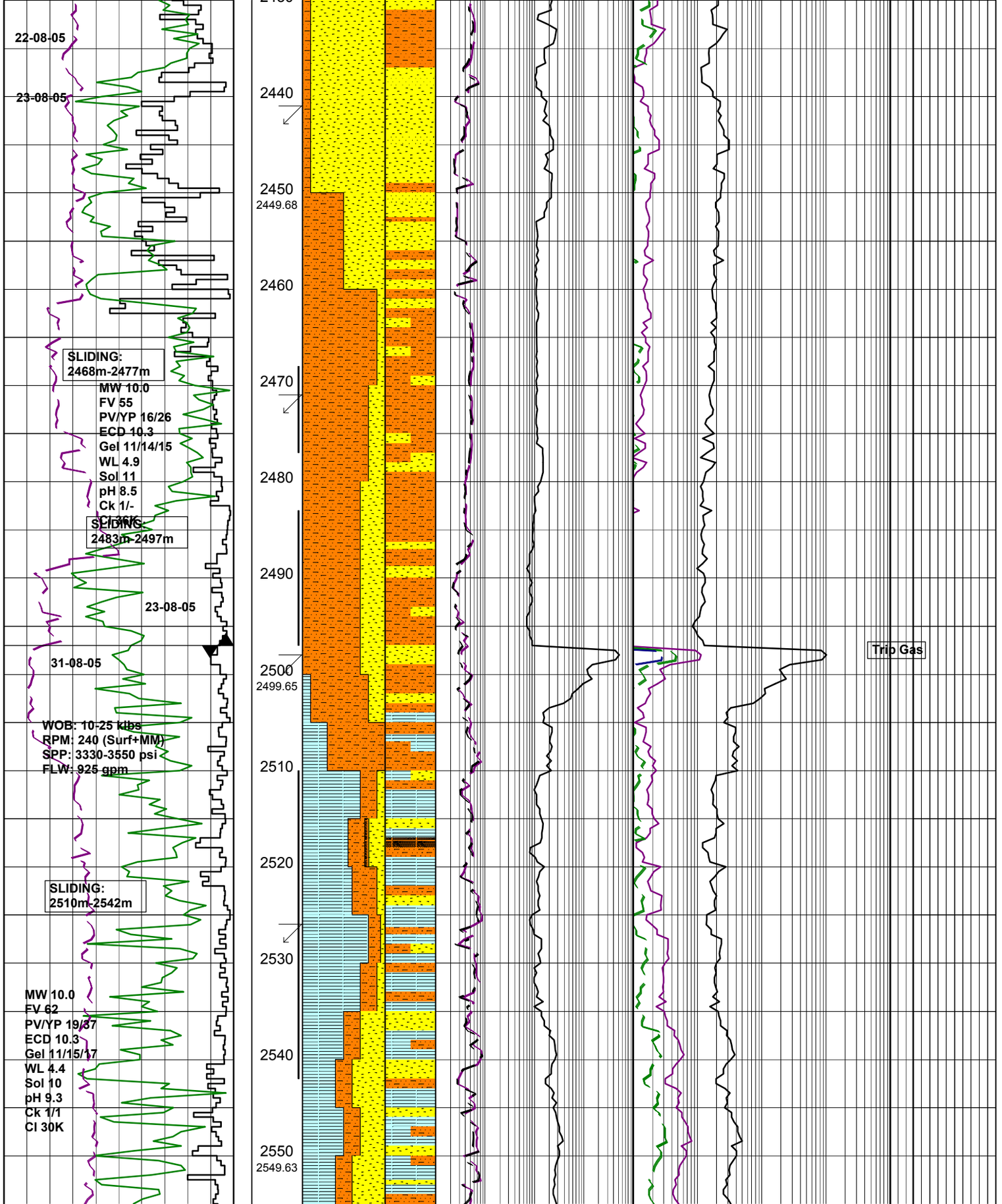
Survey @ 2385m: 2.01° 341Az

SANDSTONE:clr,trnsl,frstd,f-med,com crs,mnr v crs,mod pr srt,sbang-sbrnd,occ rnd,wk sil cmt,occ mod calc cmt,tr dol cmt,tr wh kaol mtx,tr pyr nods, lse-fri,mnr mod hd,fr-gd inf por, pr vis por,tr dim orng min fluor.

KATE SHALE
2405.5m MD (2405.2m TVD)

Survey @ 2414m: 2.13° 341Az

SILTSTONE:brn gry-olv gry, aren,com vf qtz grs,grd to vf SST i/p,tr carb spks,rr glauc,rr pyr,sft-frm,sbblky.



SANDSTONE:clr,trnsl,frstd,f-med,mnr crs-v crs,pr srt,sbang-sbrnd,occ rnd,wk sil cmt,occ mod calc cmt,tr dol cmt,mnr med gry slty mtx,tr pyr nods,lse-rr fri,mnr mod hd,fr-gd inf por,pr vis por,tr dim orng min fluor.

Survey @ 2443m: 2.02° 337Az

SILTSTONE:brn gry-olv gry,aren, com vf qtz grs,grd to f arg SST i/p,arg i/p,tr carb spks,com glauc,mnr pyr,sft-frm,sbblky.

SILTSTONE:brn gry-olv gry,aren, com vf qtz grs,grd to arg SST i/p,arg i/p,tr carb spks,com glauc,mnr pyr,sft-frm,sbblky.

Survey @ 2472m: 2.07° 337Az

SANDSTONE:lt gry,trnsl,frstd, f,pred med-crs,mod srt,ang-sbang, com frac grs,tr pyr aggs, occ wk sil cmt,gd inf por,pr vis por,no fluor.

BIT #4 Smith GFS10BV
SIZE:12.25" JETS:4x20
IN: 2497m OUT: 2741m
RUN: 244m HRS: 36.2
COND:4-4-WT-G-E-2-BT-BHA

Survey @ 2499m: 2.11° 341Az

SILTSTONE:olv gry-med gry, aren,tr carb spk,v sft-sft,tr frm-mod hd,tr dissem pyr,tr COAL frags,tr glauc i/p,amorph-sbblky.

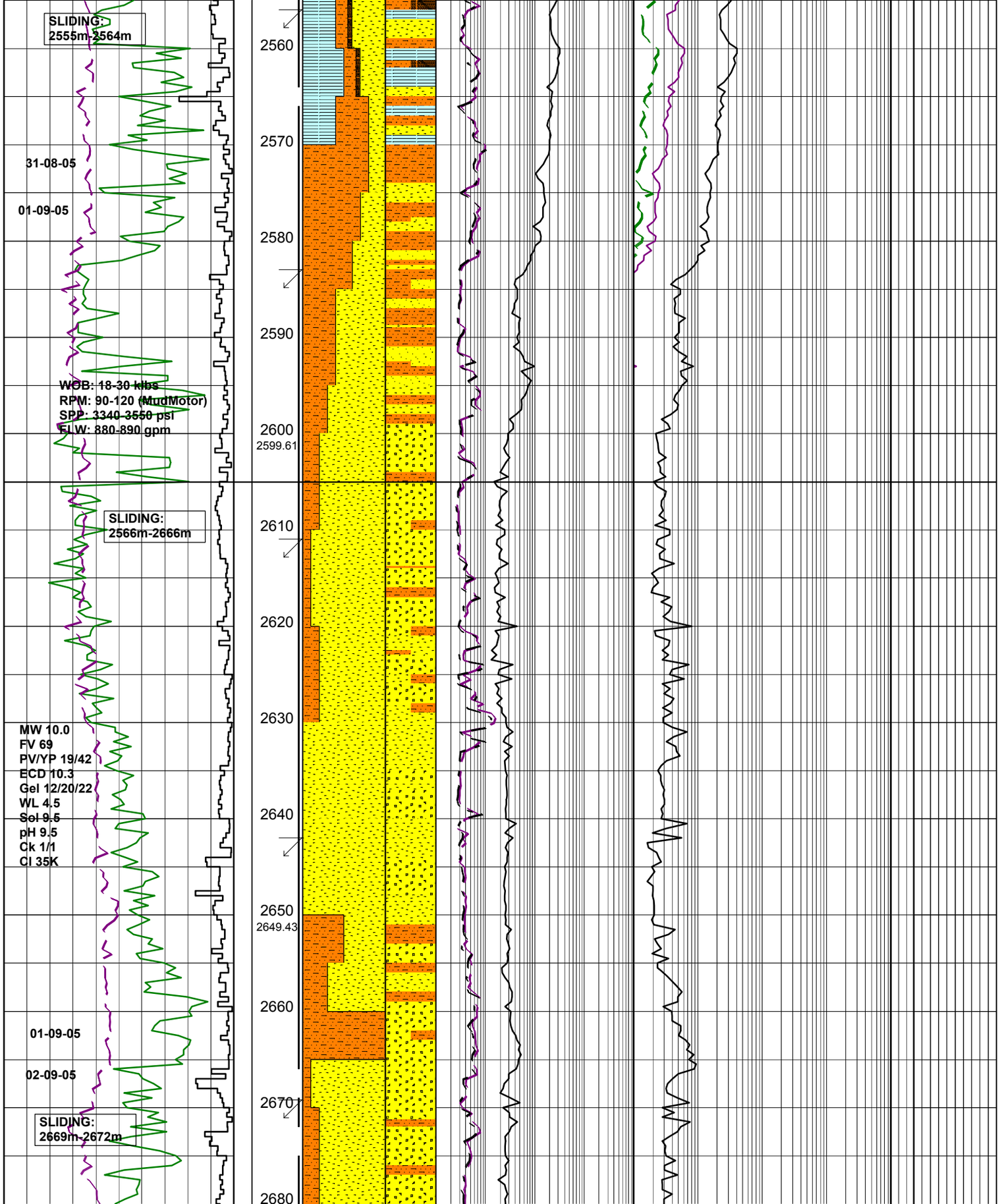
SANDSTONE:wh-off wh,trnsl, clr,mnr lt gry, vf-f occ med-crs, v pr srt,sbang-sbrnd,occ rnd, wk sil cmt,com wh arg mtx,tr gry slty mtx,tr carb spks & frags,lse, mnr fri,fr inf por,v pr vis por, no fluor.

CLAYSTONE:olv gry-med gry, brn gry,slty grd to arg SLTST, occ carb spks & frags,tr calc,v sft-sft,amorph-sbblky.

Survey @ 2528m: 1.24° 321Az

SANDSTONE:wh-off wh,trnsl, clr,f-med,occ crs-v crs,mod pr srt,sbang-rnd,wk sil cmt,loc com wh arg mtx,tr carb spks & frags,lse-fri,fr inf por,pr-fr vis por,no fluor.

CLAYSTONE:lt gry-olv gry,occ slty,tr dissem pyr,occ COAL frags & spks,disp-v sft,amorph.



Survey @ 2557m: 0.87° 265Az

COAL:blk-brn blk,dll-ea,slty,brit -frm,sbfiss-sbblky,unevn-ang i/p.

SILTSTONE:dk brn-olv blk,arg, tr aren,carb i/p,tr dissem pyr, tr-mnr carb lams & frags,sft-frm,fri,blky-sbfiss.

SANDSTONE:clr,trnsl,frstd,wh,v lt gry,vf-f,com v crs grs,sbang-sbrnd,mod srt,tr wk dol cmt,wh kaol mtx,mnr carb lams,mnr pyr ti vis por,fr inf por,tr dol fluor.

Survey @ 2585m: 1.48° 194Az

SANDSTONE:clr-trnsl,frstd,v lt gry,vf-f,pred med-v crs grns, sbang-sbrnd,tr mod strg dol cmt, lt gry slty & com wh kaol mtx, com carb lams,tr pyr,tr chlor,ti vis por,fr inf por,tr dol fluor.

K2 SANDSTONE
2605m MD (2404.5m TVD)

SANDSTONE:clr,frstd i/p,wh i/p, crs-v crs,mnr med,tr f,ang-sbrnd, tr strg dol cmt,mnr wh kaol mtx, tr pyr,gen lse,mnr fri aggs,ti vis por,gd inf por,tr dol fluor.

Survey @ 2613m: 3.62° 191Az

SILTSTONE:lt gry-brn gry,com aren,tr arg,tr calc,carb i/p,com carb lams,occ nod pyr,disp-sft, sbblky-amorph.

SANDSTONE:clr,trnsl,occ lt gry, vf-crs,occ v crs,pr srt,ang-sbrnd,wk dol cmt i/p,mnr lt gry slty mtx,occ pyr nod,tr qtz ovgths,lse,mnr fri,v pr inf & vis por,occ dol fluor.

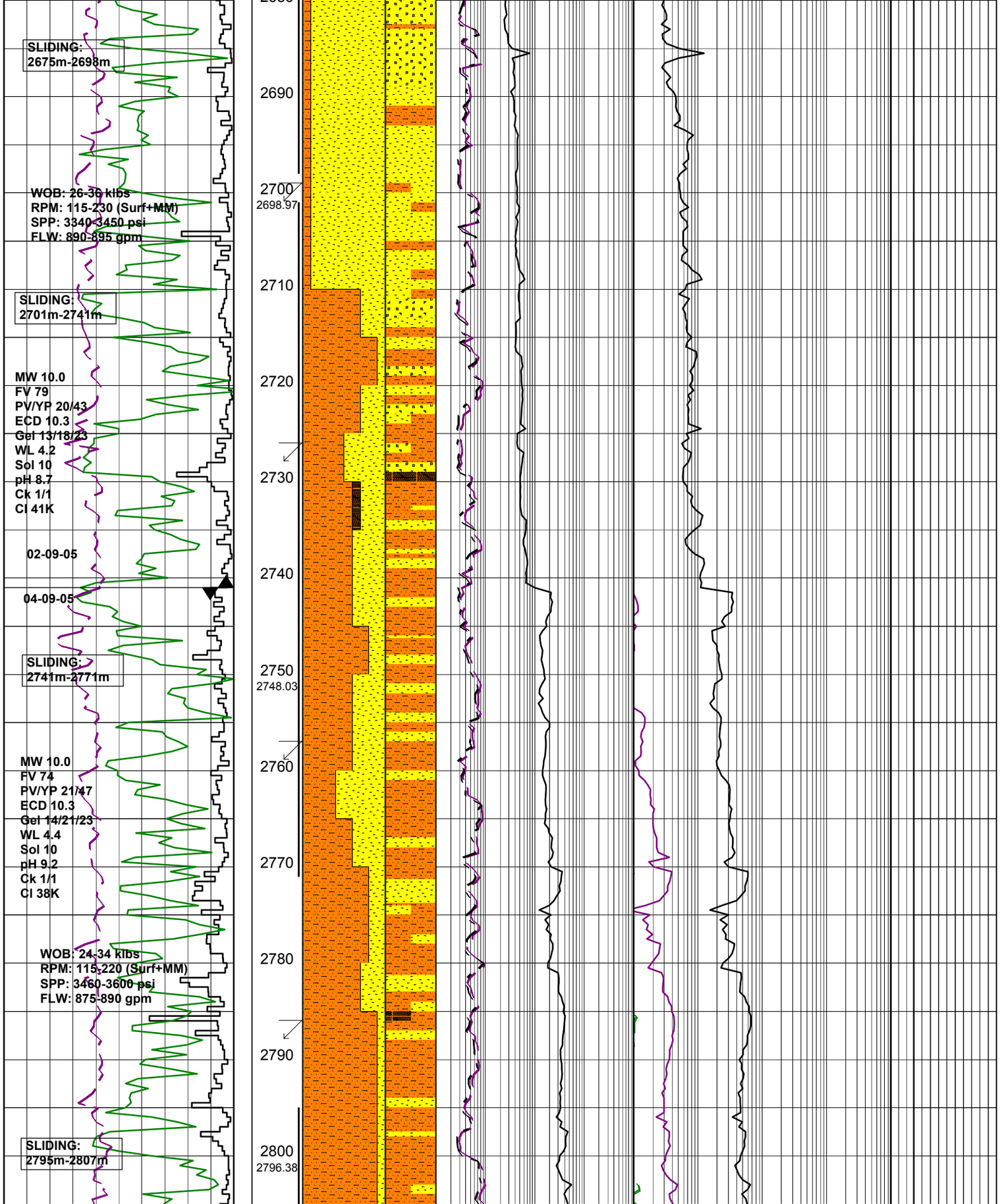
Survey @ 2643m: 6.45° 190Az

SILTSTONE:lt-med gry,com vf aren,occ carb spks & lams,occ dissem pyr,v sft-sft,amorph-occ sbblky.

SANDSTONE:clr,trnsl,frstd,occ lt gry,crs-v crs,tr vf-f aggs, pr srt,ang-sbrnd,mod strg dol cmt,tr gry slty mtx,tr-mnr nod & dissem pyr,tr glauc,gen lse, tr fri aggs,ti vis & gd inf por, dol min fluor.

Survey @ 2671m: 7.27° 185Az

SILTSTONE:brn blk,dk gry,arg, carb i/p,com nod & dissem pyr, com carb lams & flks,sft-frm, sbfiss-amorph.



SANDSTONE:clr,trnsl,frstd,occ lt gry,crs-v crs,tr vf-f aggs,pr srt,ang-sbrnd,mnr sil cmt,tr gry slty-off wh kaol mtx,tr-mnr nod & dissem pyr,tr glauc,gen lse, tr fri aggs,ti vis & gd inf por, tr dol fluor.

SANDSTONE:clr,trnsl,opq,frstd, off wh,lt gry,f-v crs,v pr srt,rnd-sbang,com frac grs,wk sil cmt, tr wk dol cmt,occ wh arg mtx,tr gry slty mtx,tr pyr mtx,mnr fri,fr-gd inf por,pr vis por,tr dol fluor.

Survey @ 2701m: 9.30° 185Az

SILTSTONE:lt gry-lt olv gry,tr vf aren i/p,carb lam i/p,tr carb,tr pyr nod,v sft-sft,amorph-sbfiss.

COAL:blk,dll-ea,sbvit i/p,pred brit,frm i/p,sbblky-blky, unevn-ang.

Survey @ 2728m: 10.88° 182Az

SANDSTONE:clr-opq,tr wh,dom crs,com f-med,v pr srt,ang-sbrnd,wk sil cmt,tr wh arg mtx, tr pyr nod,lse,tr fri,pr inf por, v pr vis por,no fluor.

Rmf 2741m:0.11 ohm @ 75°F

BIT #5 HUGHES MXCO9H
SIZE:12.25" JETS:3x20,1x18
IN: 2741m OUT: 2956m
RUN: 215m HRS: 24.83
COND:3-4-WT-A-E-1-BT-TD

SILTSTONE:lt-med gry,olv gry,lt brn gry,mnr gry blk,vf aren,com arg,mnr carb,tr calc,occ-loc com carb spks,tr-occ pyr nods,v sft-frm,amorph-sbblky,mnr sbfiss.

Survey @ 2758m: 13.90° 178Az

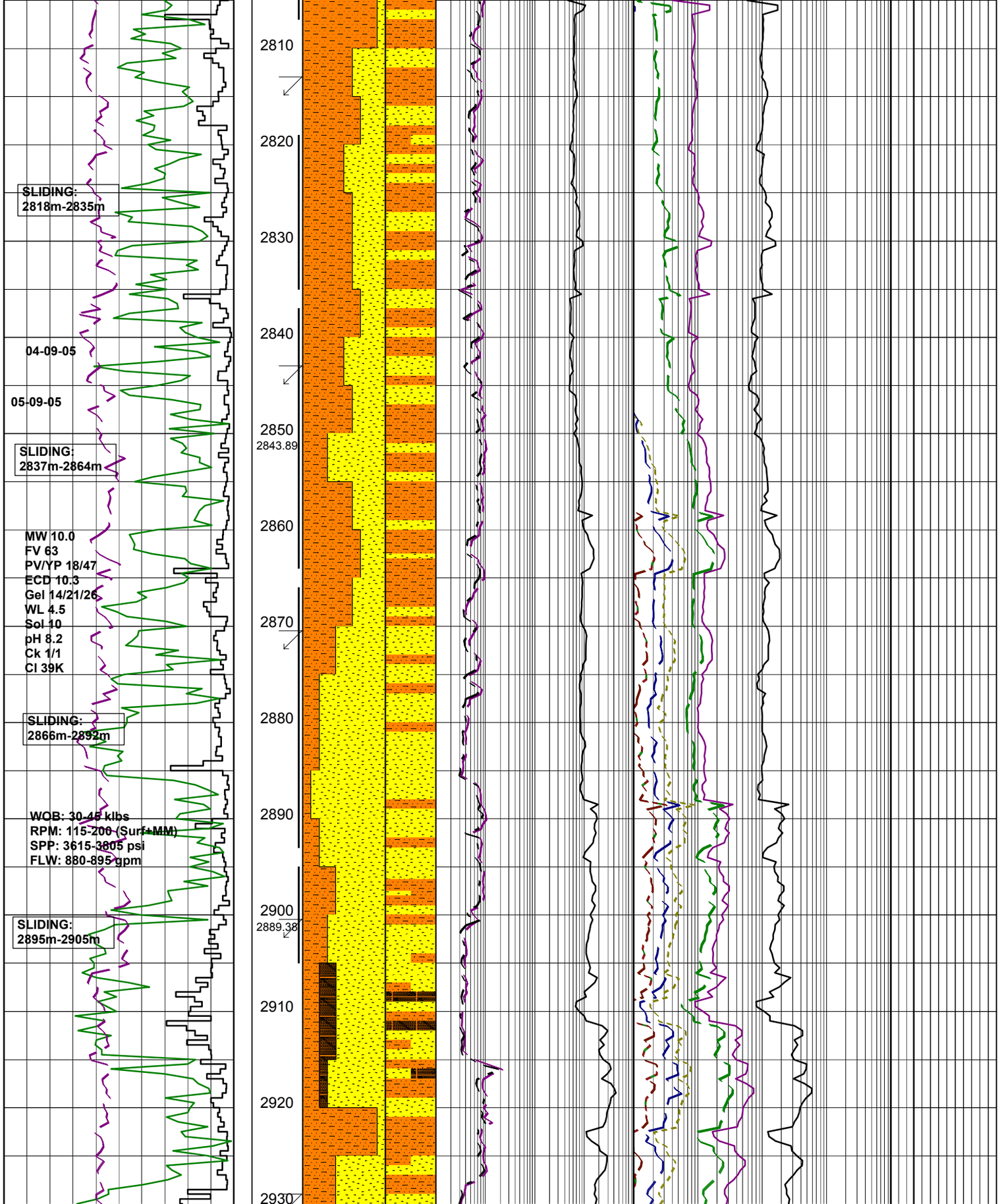
SANDSTONE:dom clr,com opq, tr lt gry,f-crs,occ v crs, pr srt, ang-sbrnd,wk sil cmt,tr gry slty mtx,lse,tr fri,pr inf por,no fluor.

SILTSTONE:ltgry-med gry,olv gry,pred arg,aren i/p,tr carb grd to COAL frags,tr carb spks,tr pyr nods,v sft-sft,tr mod hd, amorph-sbfiss.

Survey @ 2786m: 15.37° 181Az

COAL(Tr):blk-gry blk,dll-ea,tr sbvit,slty grad to carb frags,sft-brit,sbblky-sbfiss,unevn-ang.

SANDSTONE:clr,trnsl,opq,tr lt gry,tr off wh,f-med,com crs-v crs,mod pr srt,ang-sbrnd,wk sil cmt,tr wh arg mtx,tr gry slty mtx, rr pyr mtx,tr carb incls,v pr vis



por,pr inf por,no fluor.

Survey @ 2815m: 16.98° 182Az

SILTSTONE:lt brn gry-brn gry,lt-med gry,arg,mnr vf aren,tr-loc com carb spks & flks,occ carb grd to COAL frags,tr pyr nods,v sft-sft,amorph-sbfiss.

SANDSTONE:clr,trnsl,opq,tr lt gry,tr off wh,f-crs,occ v crs,mod pr srt,ang-sbrnd,wk sil cmt,tr wh arg mtx,tr gry slty mtx,rr pyr mtx, occ carb incls,v pr vis por,pr inf por,no fluor.

SILTSTONE:lt brn gry-brn gry, med lt gry,arg,tr aren,com carb spks & flks,tr carb COAL frags, v sft-sft,amorph-sbfiss.

Survey @ 2844m: 19.56° 181Az

SANDSTONE:off wh,trnsl,pl gry, vf-f,mod-v crs lse,pr srt,sbrnd, mod strg dol cmt,off wh arg-lt gry slty mtx,carb spks,mnr pyr, mod hd-fri aggs,gen lse, ti vis & fr inf por,no fluor.

SILTSTONE:brn blk-brn gry, arg,tr vf aren i/p,grd to vf SST i/p,carb i/p,com carb spks & lams,v sft-sft,mod hd vf SST i/p,amorph-sbfiss.

SANDSTONE:trnsl,off wh,v lt gry,vf-med,tr crs-v crs,mod srt,sbrnd,wh arg-lt gry slty mtx, gen lse,tr pyr cmt,mnr carb spks, tr pyr,pr inf por,lse,no fluor.

Survey @ 2872m: 24.4° 182Az

SANDSTONE:clr-opq,lt gry-med gry,vf-med,tr crs,mod pr srt,pred sbrnd-com sbang,wk sil cmt,tr pyr cmt,tr gry slty mtx,wh arg mtx,lse,rr fri,pr inf por,v pr vis por,no fluor.

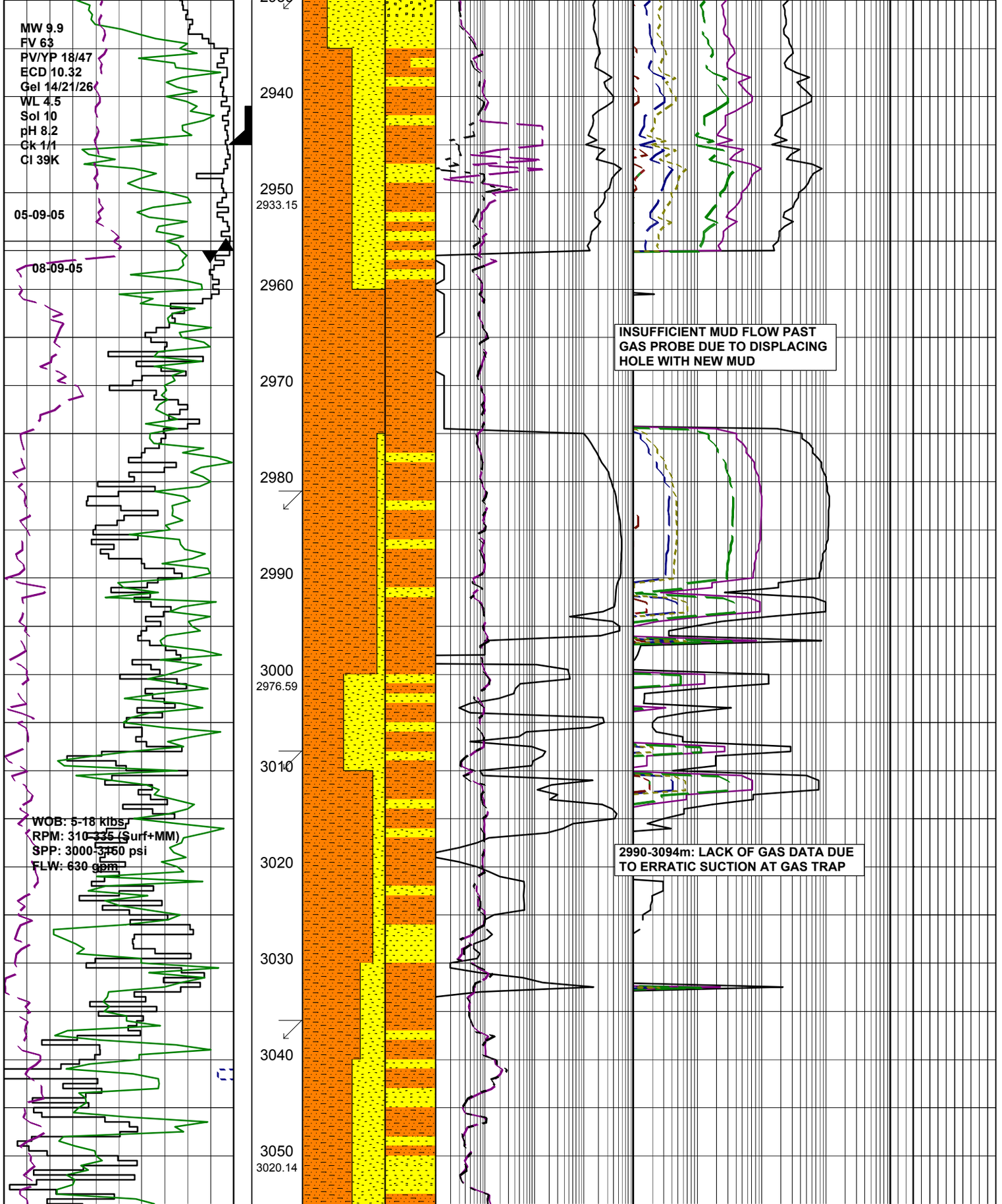
SILTSTONE:lt brn gry-brn gry,lt gry,gry blk,arg,mnr vf aren & grd to vf slty SST i/p,carb i/p,occ-loc com carb spks & flks,v sft-sft,tr mod hd,amorph-sbfiss.

Survey @ 2902m: 28.4° 180Az

COAL:blk-brn blk,pred dll-ea, brit,tr frm,blky-sbblky,ang-unevn.

SANDSTONE:clr-opq,lt gry-gry vf-med,tr v crs,mod srt,pred sbrnd-com sbang,wk sil cmt, tr gry slty mtx,lse,tr fri,pr inf por, v pr vis por,no fluor.

SILTSTONE:lt brn gry-brn gry,lt gry,gry blk,arg,tr vf aren,carb i/p grd to carb SLTST,occ-loc com carb spks & flks,v sft-sft,



amorph-sbfiss.

Survey @ 2931m: 28.88° 180Az

SILTSTONE:lt brn gry-brn gry,lt gry,arg,mnr aren,tr pyr nod,tr carb spks,v sft-disp,tr hd, amorph,tr sbblky.

SANDSTONE:clr-opq,mnr off wh,f-v crs,pr srt,sbrnd-sbang,wk sil cmt,tr wh slty mtx,lse,rr fri, pr inf por,v pr vis por,no fluor.

9.625" Casing set @ 2945mMD

Rmf 2956m:0.12 ohm @ 75°F

BIT #6 SECURITY FM3743,
SIZE:8.5" JETS:3x13,2x16
IN: 2956m OUT: 3311m
RUN: 355m HRS: 14.2
COND:1-4-WT-S-X-1-CT-WO

LOT at 2959m : EMW=13.1ppg

SILTSTONE:brn gry-lt gry,tr wh, occ arg slt,tr pyr nod,tr carb spk, v sft-mod hd,tr disp,sbblky-blky.

SANDSTONE:clr-opq,mnr off wh, vf-f,mod srt,sbang-sbrnd,wk calc cmt,lse-fri,v pr inf por,mnr dll orng calc fluor.

Survey @ 2981m: 30.08° 181Az

SANDSTONE:clr-opq,mnr off wh,vf-f,mod srt,sbang-sbrnd,wk calc cmt,lse-fri,v pr inf por, mnr dll orng calc fluor.

Survey @ 3010m: 29.88° 180Az

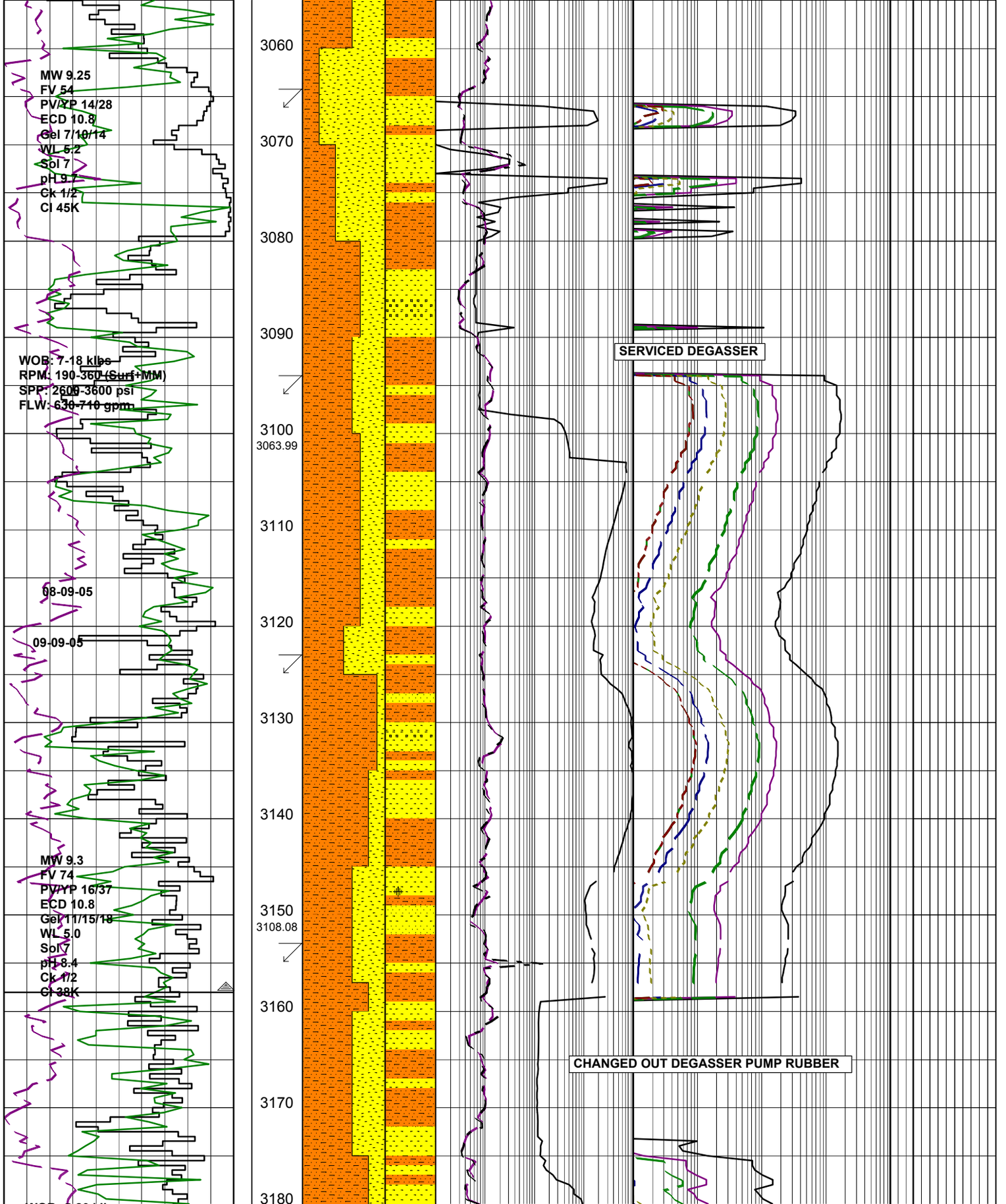
SANDSTONE:clr-opq,mnr off wh,vf-f,mod srt,sbang-sbrnd,wk calc cmt,lse-fri,v pr inf por, mnr dll orng calc fluor.

SILTSTONE:brn gry-lt gry,occ arg slt,tr pry nod,tr carb spks,tr arg mtx,tr disp,frm-mod hd, blky-sbblky.

SANDSTONE:clr-opq,f-v crs, pr srt,ang-sbrnd,lse,fr-gd inf por, no fluor.

Survey @ 3039m: 29.1° 179Az

SILTSTONE:brn gry-lt gry,occ arg slt,tr pry nod,tr carb spks,tr arg mtx,tr disp,frm-mod hd, blky-sbblky.



SANDSTONE:opq-clr,tr wh,f-v crs,pr srt,sbang-sbrnd,tr calc cmt,lse-fri,fr-gd inf por,mnr dll orng calc fluor.

Survey @ 3067m: 28.7° 178Az

SILTSTONE:brn gry-lt gry,occ arg slt,tr pry nod,tr carb spks,tr arg mtx,tr disp,frm-mod hd, blky-sbblky.

SANDSTONE:opq-clr,tr wh,f-v crs,pr srt,sbang-sbrnd,tr calc cmt,lse-fri,fr-gd inf por,mnr dll orng calc fluor.

SANDSTONE:clr-trnsl,vf-pred f,tr crs,mod srt,sbrnd-sbang,tr sil cmt,tr pyr nod,fri-occ mod hd, occ lse,pr vis por,pr-fr inf por, no fluor.

SILTSTONE:brn-dk brn,lt gry,lt gry brn,tr aren i/p,com carb lams & frags,tr nod pyr,tr micmic,sft-frm,occ mod hd,sbblky.

Survey @ 3095m: 28.7° 179Az

SANDSTONE:clr-trnsl,f-med,tr crs,pr-mod srt,sbrnd-sbang,tr sil cmt,tr-com wh-lt brn arg mtx,tr mod pyr,tr micmic,fri-occ mod hd,tr lse,v pr-pr vis por in f aggs, pr-fr inf por in lse grs,tr fluor.

FLUOR:3100m-3150m;Tr dll lt grn,no cut,no c/c,no r/r.

Survey @ 3123m: 28.01° 177Az

SILTSTONE:lt brn-brn,brn gry,lt gry i/p,aren,tr carb frags & lams, tr nod pyr,tr micmic,sft-frm, sbblky-sbfiss.

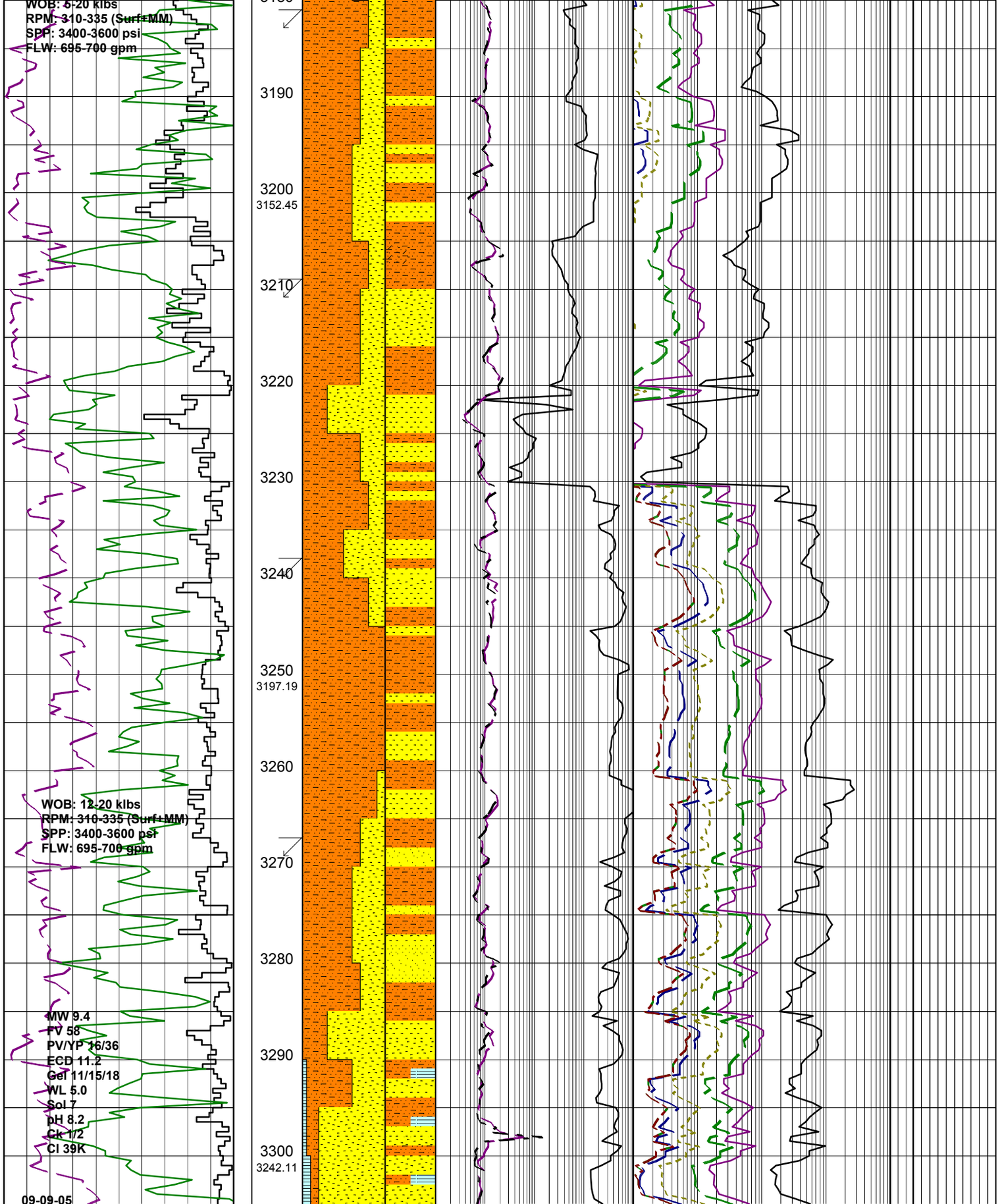
SANDSTONE:clr-trnsl,wh,opq,f-vf aggs,tr crs grs,pr srt,sbrnd-sbang,tr sil cmt,tr lt gry brn arg mtx,tr nod pyr,tr carb spks, fri,pred lse,pr vis por in aggs, pr-fr inf por in lse grs,tr fluor.

SILTSTONE:brn-dk brn,dk brn gry,aren grd to vf SST i/p,grd to CARB SLTST i/p,tr carb lams & frags,sft-frm,sbfiss-sbblky.

Survey @ 3153m: 27.87° 176Az

Back ream to casing shoe

SANDSTONE:clr-trnsl,off wh, opq,f-crs,pr srt,sbang-sbrnd,mnr sil cmt,com wh-lt brn arg mtx,tr qtz ovgths,tr carb spks,fri,com lse,pr vis por in aggs,pr-fr inf por in grs,no fluor.



SILTSTONE:lt brn/brn,lt brn gry, aren,com carb lams & frags,tr pyr,sft-frm,sbblky.

Survey @ 3182m: 27.45° 175Az

SANDSTONE:clr,trnsl,opq,f-med mod srt,sbrnd-sbang,tr-com sil cmt,com lt brn-wh arg mtx,tr carb spks,tr pyr,fri,pred lse,pr vis por,pr-fr inf por,no fluor.

SILTSTONE:lt brn-brn,lt brn gry, aren,com carb lams & frags,rr pyr,sft-frm,sbblky.

SANDSTONE:clr-trnsl,f-crs,pr srt,sbrnd-sbang,com sil cmt w/ tr dol & pyr,tr lt brn arg mtx,tr carb spks,dom lse,occ fri,pr vis por,pr-fr inf por,no fluor.

Survey @ 3210m: 26.65° 174Az

SANDSTONE:clr-trnsl,f-crs,pr srt,sbrnd-sbang,rr dol cmt,tr sil cmt,tr lt brn-off wh arg mtx,tr carb spks,pred lse,uncons-fri,pr vis por,pr-fr inf por,no fluor.

SILTSTONE:brn-pred dk brn,brn gry i/p,aren i/p,grd to CARB SLTST i/p,com carb spks & lams,sft,sbblky-sbfiss.

Survey @ 3239m: 26.31° 172Az

SANDSTONE:clr-trnsl,opq,f-crs, pr srt,pred sbrnd-sbang,tr sil cmt,tr wh-lt brn arg mtx,tr carb spks,pred lse,tr uncons-fri aggs, pr vis por,fr inf por,tr fluor.

SILTSTONE:brn gry-lt gry, mnr gry blk,tr arg slt agg,tr carb spks,tr pyr nod,tr dissem pyr,sft-mod hd,tr disp,sbblky-blky.

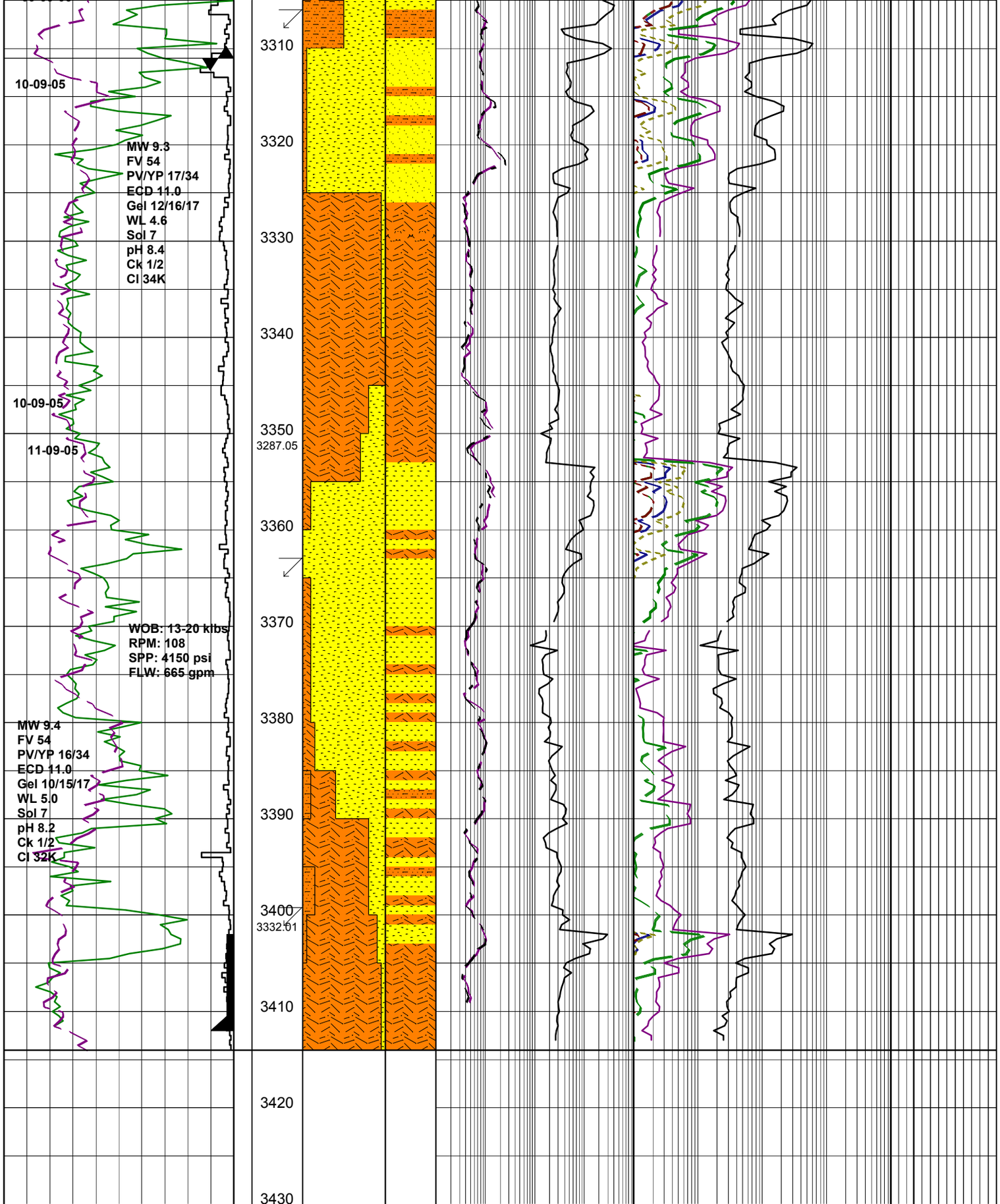
Survey @ 3268m: 25.94° 172Az

SANDSTONE:clr-opq,vf-med, mod srt,sbrnd-sbang,tr sil cmt, tr wh-lt brn arg mtx,tr carb spks, pred lse,tr uncons-fri aggs,pr vis por,pr inf por,tr fluor.

SILTSTONE:lt gry-brn gry,gry blk i/p,tr off wh,tr arg slt aggs, tr kaol mtx,tr carb lams,tr calc, tr carb spks,tr nod & dissem pyr, tr disp,sbblky-blky.

SANDSTONE:clr-opq,vf-med, mod srt,sbrnd-sbang,tr sil cmt,tr wh-lt brn arg mtx,tr carb spks,tr pyr nod,pred lse,tr uncons-fri aggs,pr vis & inf por,tr fluor.

CLAYSTONE:wh-lt gry,kaol,tr f pyr,v sft-sft,amorph.



Survey @ 3308m: 26.1° 170Az

POOH to investigate SPP loss

BIT #7 Hughes MX-20D
SIZE:8.5" JETS:3x14
IN: 3311m OUT:3414 m
RUN: 103m HRS:18.9
COND:3-3-BT-A-E-1-WT-TD

SANDSTONE:lt gry-opq,wh i/p vf-med,mod srt,sbrnd-sbang,tr pyr cmt,tr arg mtx,tr calc,tr carb spks,mnr nod & tr dissem pyr, pred lse,tr hd aggs,sft i/p,pr vis por,ti inf por,mnr min fluor.

VOLCANICS(weathered):lt gry-grn gry,lt grnsh lt gry,alt to clay,v sft,amorph-mass.

VOLCANICS:grn blk,wh,calc,com qtz,mnr pyroxene,com pyr,frm-hd

SANDSTONE:clr,trnsl,rr wh,f-crs,dom med,mod pr srt,rnd-ang, tr calc cmt,tr strg pyr cmt,lse, occ fri,fr-gd inf & vis por,tr min fluor.

Survey @ 3365m: 25.9° 170Az

SANDSTONE:clr-trnsl,wh i/p,f-crs,pr-mod srt,sbrnd-sbang,ang i/p,tr sil cmt,10% arg mtx washing out i/p,abdt nod pyr,pred fri,tr lse,pr vis & inf por,no fluor.

SANDSTONE:clr-trnsl,wh i/p,f-crs,pr-mod srt,sbang,ang i/p,tr sil cmt,10% arg mtx washed out i/p,abdt nod pyr,pred fri,rr lse, pr vis por,no fluor,volc origin.

SILTSTONE:brn gry,arg,tr aren, carb spks & lams,v sft,sbblky.

Survey @ 3401m: 25.96° 170Az

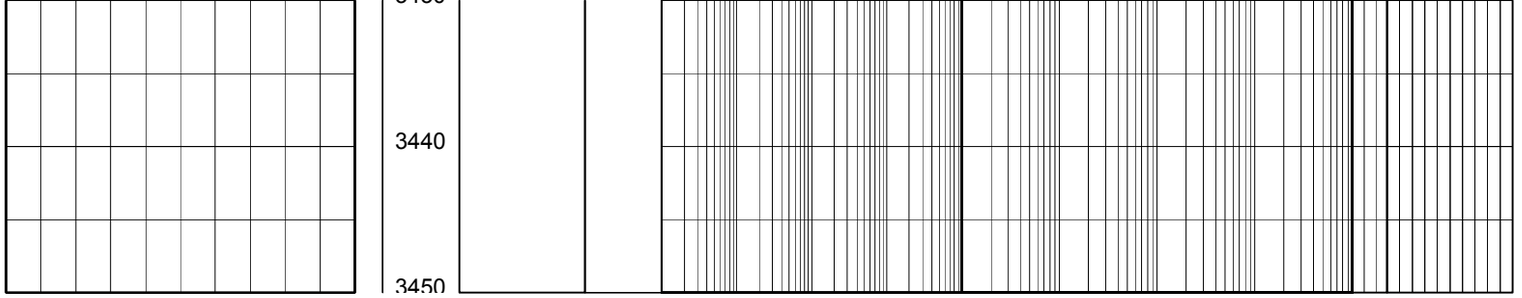
VOLCANICS:wh-grn blk,occ pyroxene,com qtz,calc,v pyritic, sft-hd,amorph-sbblky.

SANDSTONE:clr-opq,vf-med, crs i/p,mod srt,sbrnd-sbang,lse pr vis & inf por,tr min fluor.

Projected Survey @ 3414m: 25.96° 170Az

7" Casing Shoe @ 3412mMDRT

BASKER 2 REACHED TD ON 11-SEPT-2005 @ 1400 HRS



DRILLERS DEPTH: 3414m
LOGGERS DEPTH: 3414.5m

Logs Run:
1) FMI-DSI-HRLA-PEX-HNGS
2) VSI-4-GR
3) MDT-GR
4) MDT-GR

ENCLOSURE 2

PRESSURE LOG

OVERPRESSURE LOG

Anzon Australia LIMITED

Geoservices

FROM (m): 100 TO (m): 3450 SCALE : 1/ 2500

Well name	: BASKER 2	Latitude	: 38°17'58.51"S	Longitude : 148°42'24.72"E	Rig Name : Ocean Patriot
Company Name	: ANZON	Country	: AUSTRALIA		Rig Type : SEMI-SUB
RT-MSL (m): 21.5		Final TD- Drillers (m): 3414			Spud Date : 14-08-2005
Water Depth (m): 152.5		Final TVD SS (m): 3323.1			TD Date : 11-09-2005

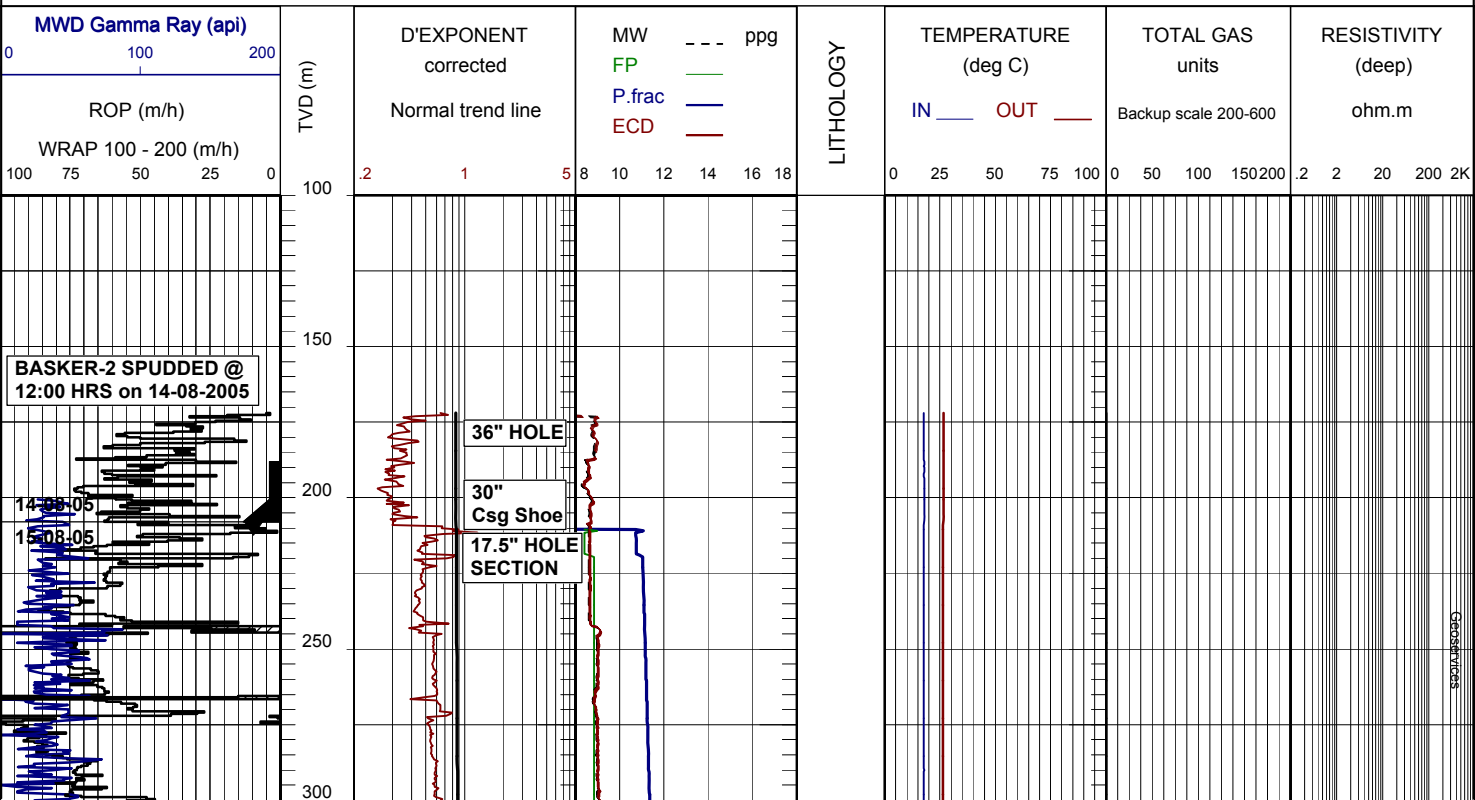
Computed Method: Eaton

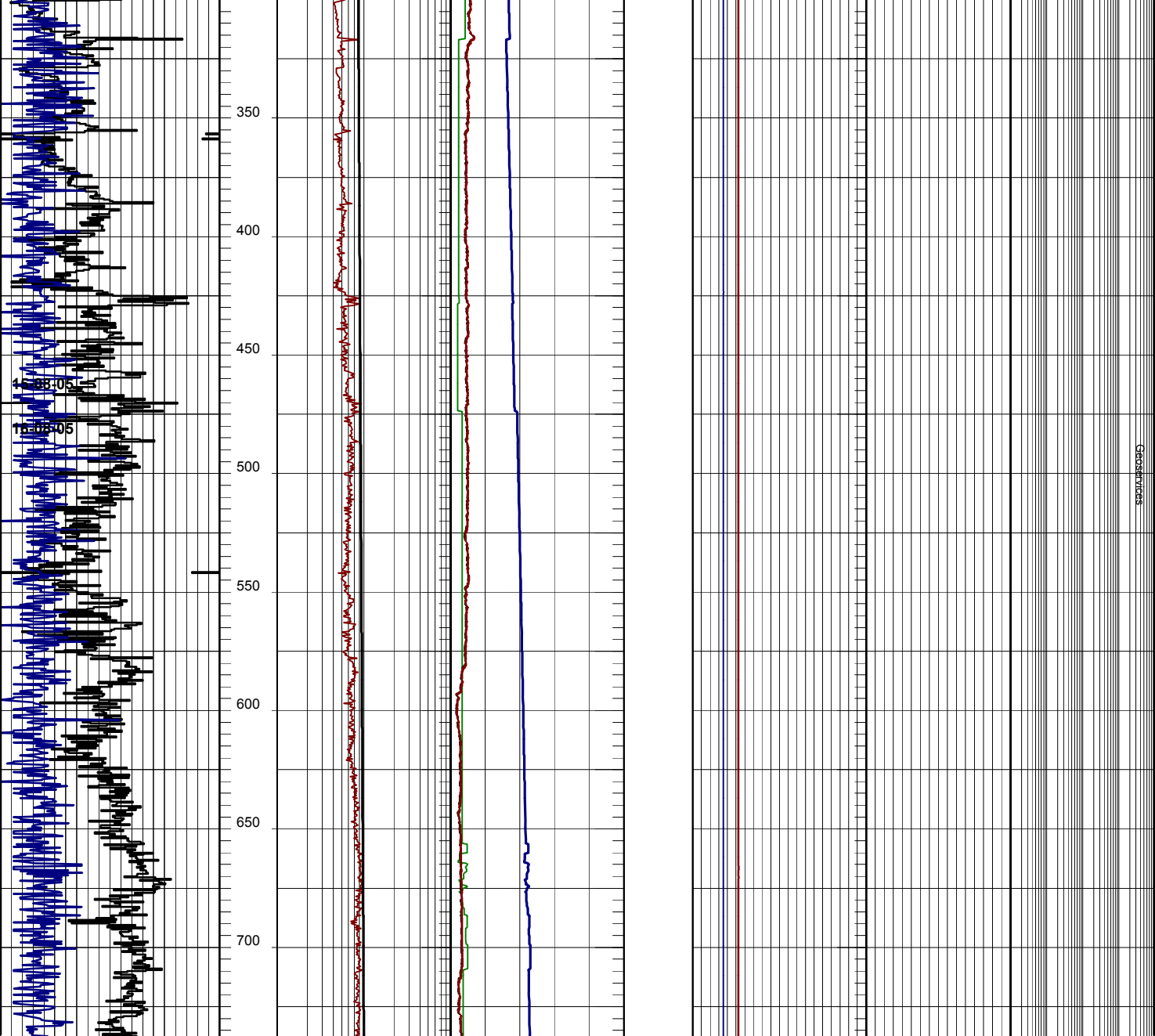
Trend Slopes : a = 0.0001017 b = -0.0229999

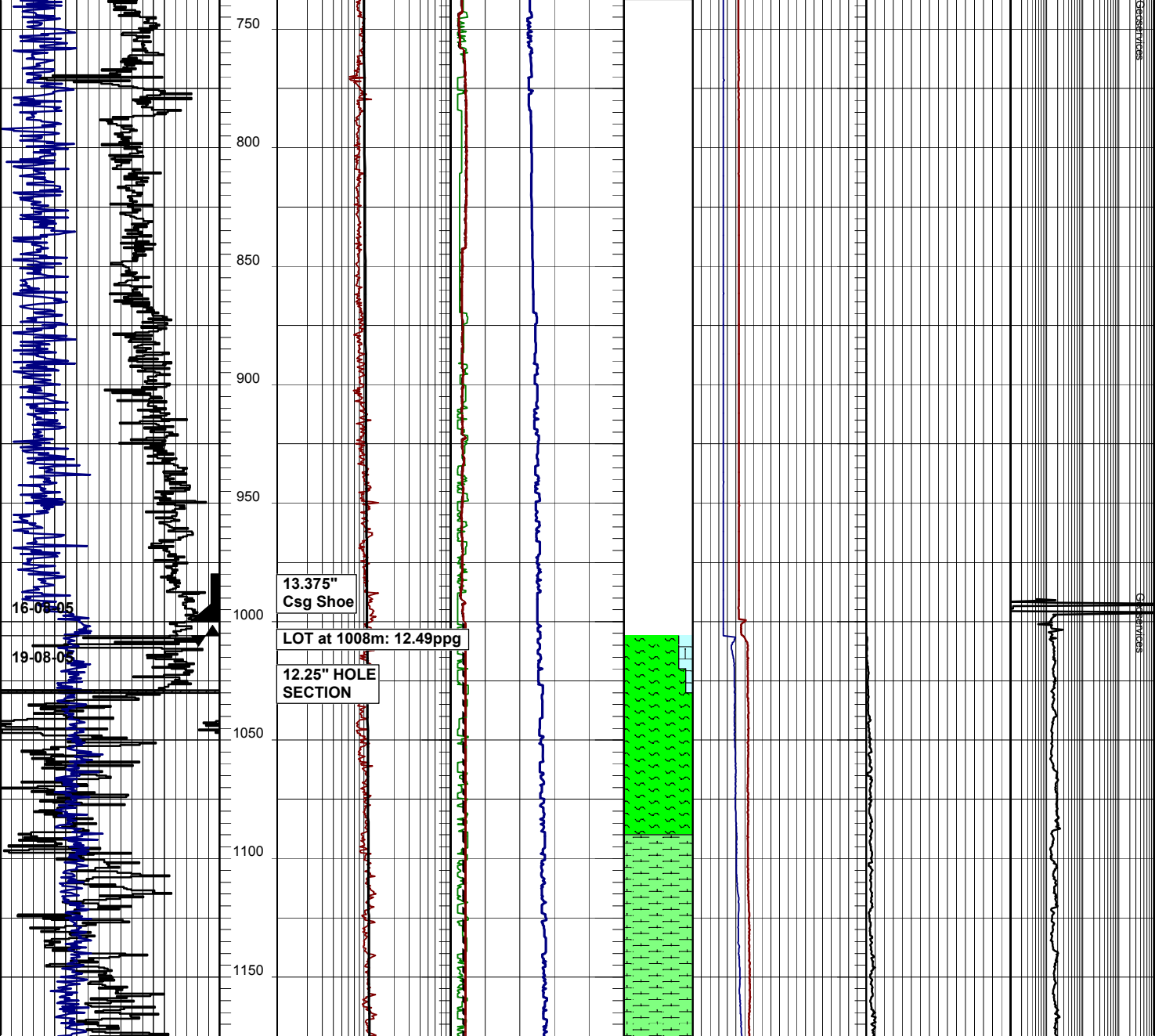
Hydro. Gradient : 1.04 kg/l

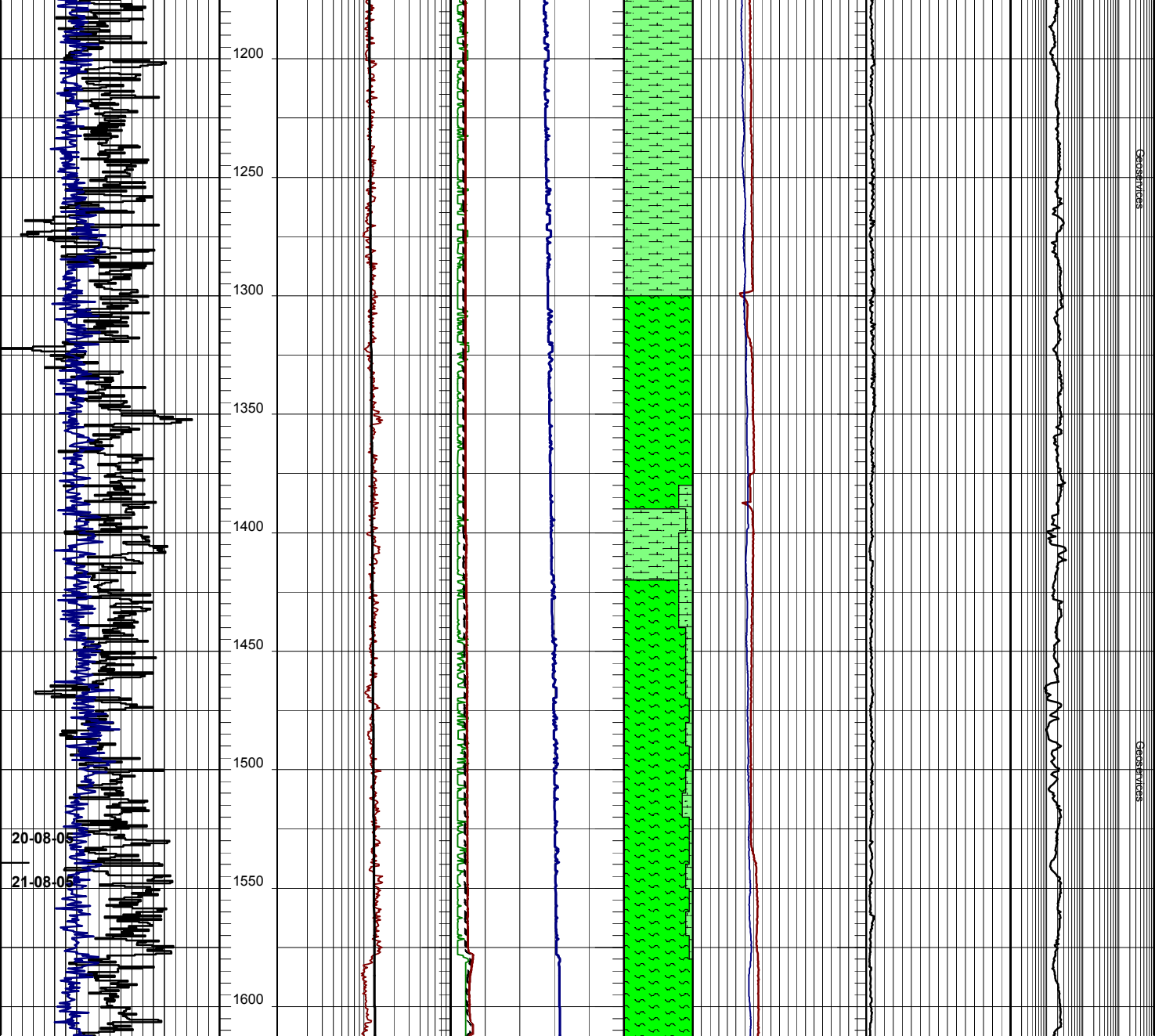
Overburden law : Soft

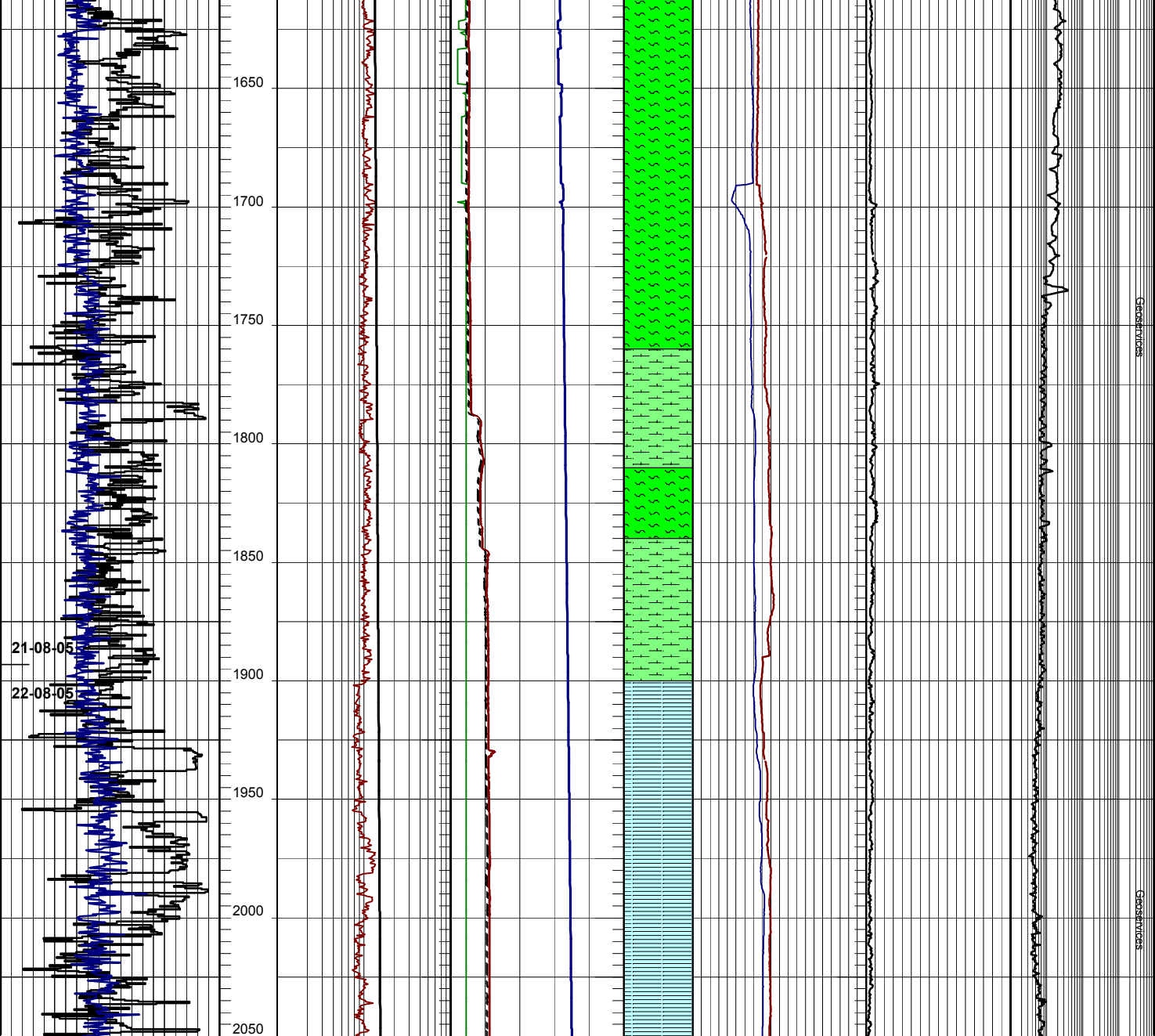
Claystone, Siltstone, Fine SST, Medium SST, Marl, Limestone, Coal, Volcanics

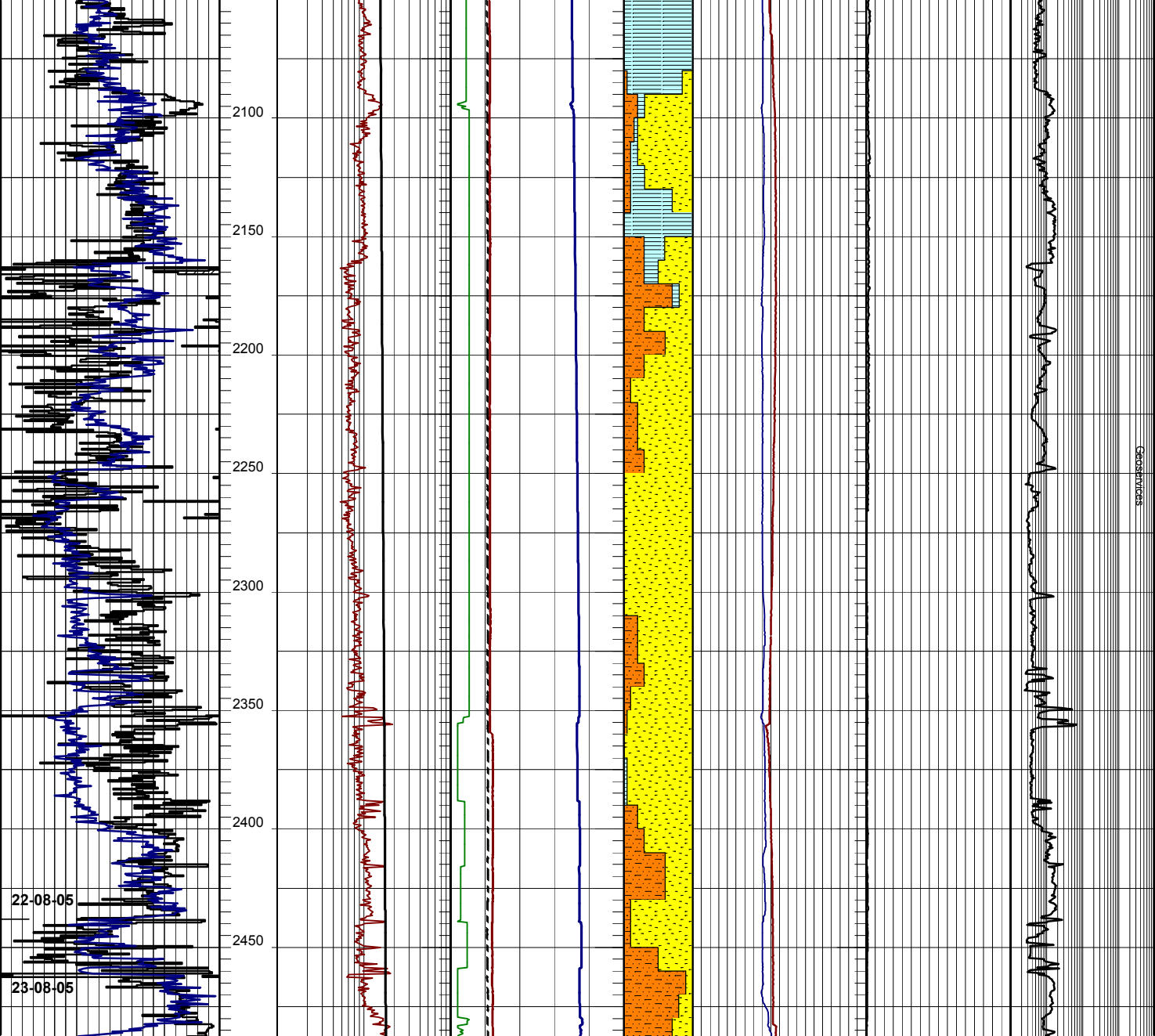


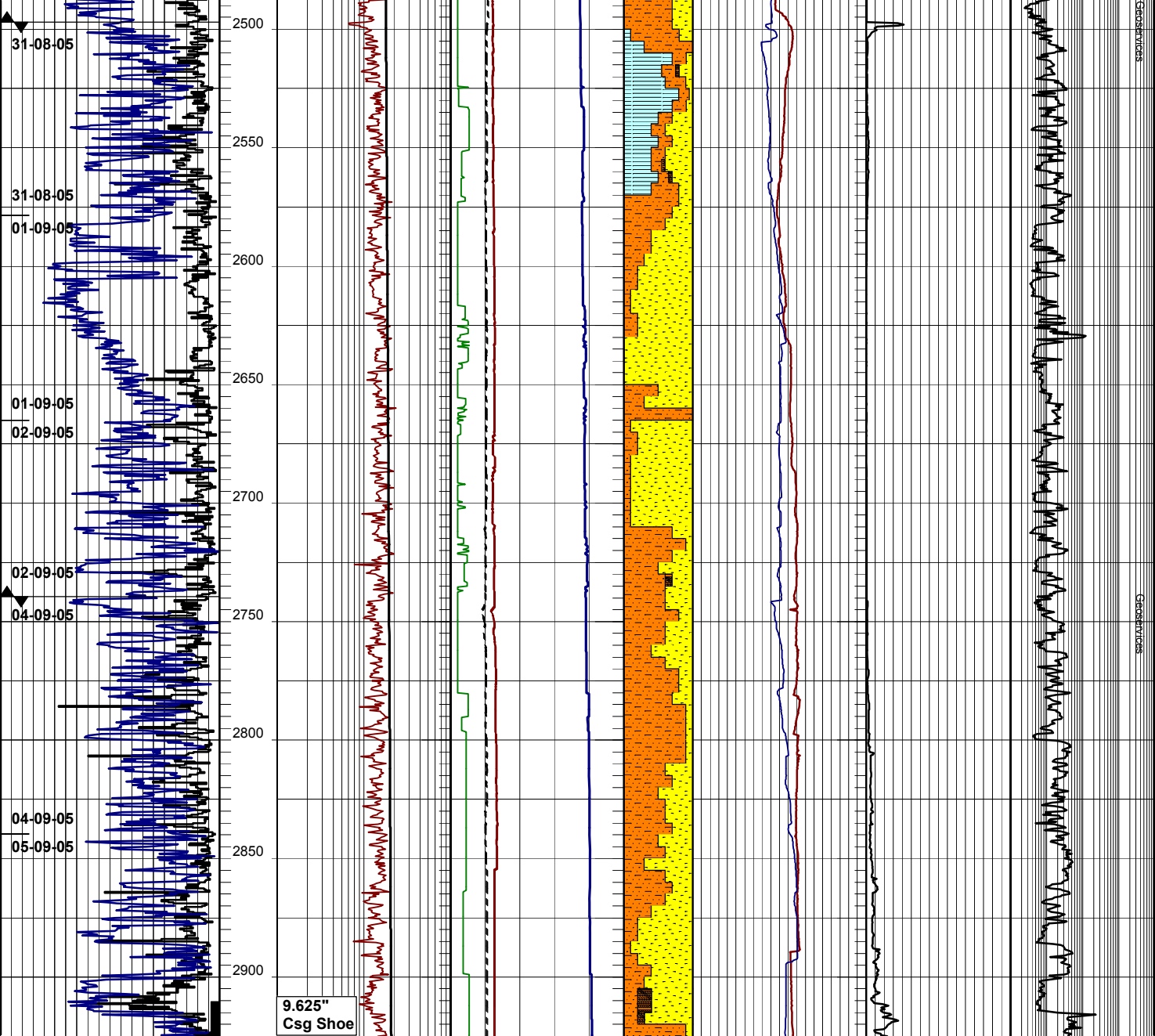

350
400
450
500
550
600
650
700
Geoservices

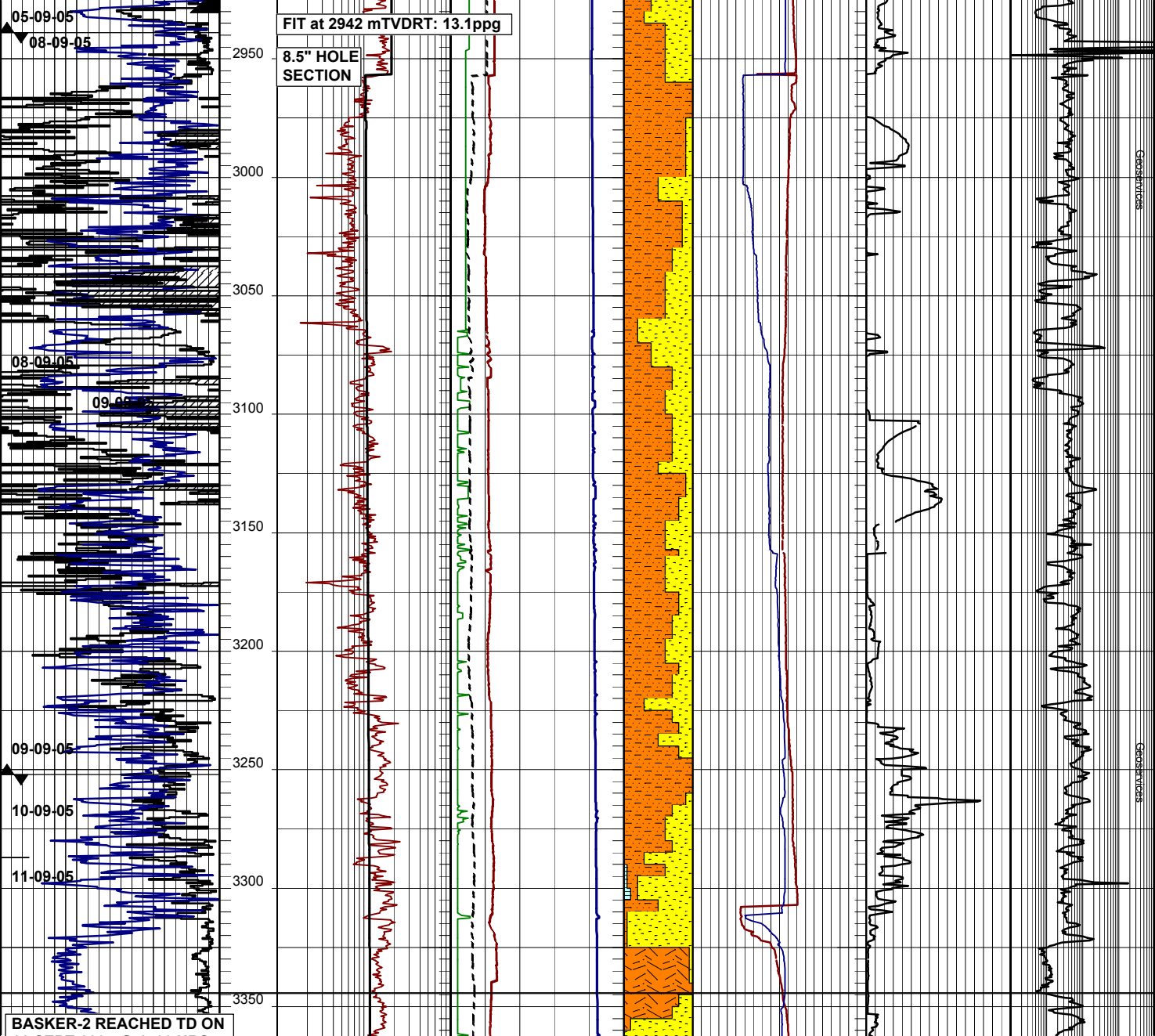

750
800
850
900
950
1000
1050
1100
1150
13.375"
Csg Shoe
LOT at 1008m: 12.49ppg
12.25" HOLE
SECTION
16-08-05
19-08-05
Geoservices
Geoservices

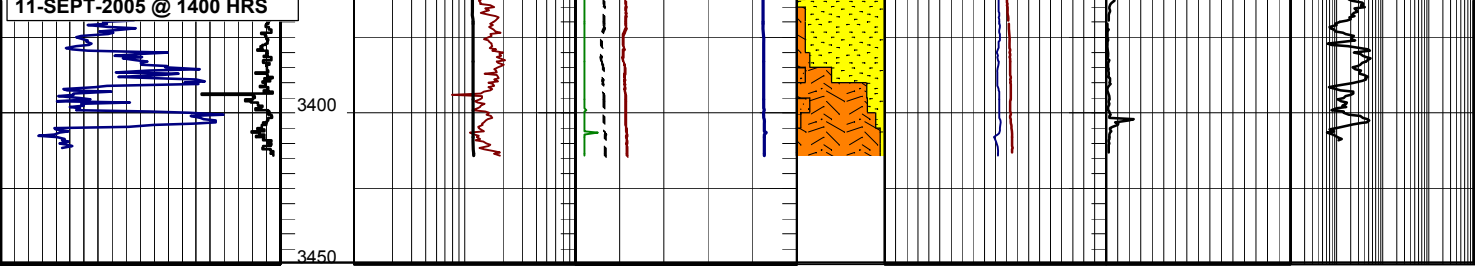

1200
1250
1300
1350
1400
1450
1500
1550
1600
20-08-05
21-08-05
Geoservices
Geoservices


1650
1700
1750
1800
1850
21-08-05
1900
22-08-05
1950
2000
2050
Geoservices
Geoservices


2100
2150
2200
2250
2300
2350
2400
2450
22-08-05
23-08-05
Geoservices


31-08-05
31-08-05
01-09-05
01-09-05
02-09-05
02-09-05
04-09-05
04-09-05
05-09-05
2500
2550
2600
2650
2700
2750
2800
2850
2900
9.625"
Csg Shoe
Geoservices
Geoservices


05-09-05
08-09-05
08-09-05
09-09-05
10-09-05
11-09-05
FIT at 2942 mTVDRT: 13.1ppg
8.5" HOLE SECTION
2950
3000
3050
3100
3150
3200
3250
3300
3350
BASKER-2 REACHED TD ON


11-SEPT-2005 @ 1400 HRS
3400
3450

ENCLOSURE 3

DRILLING LOG

DRILLING LOG

FROM :(mt) 150 TO :(mt) 3440 SCALE : 1/ 1000

Well Name : BASKER 2

Company : ANZON

Country : AUSTRALIA

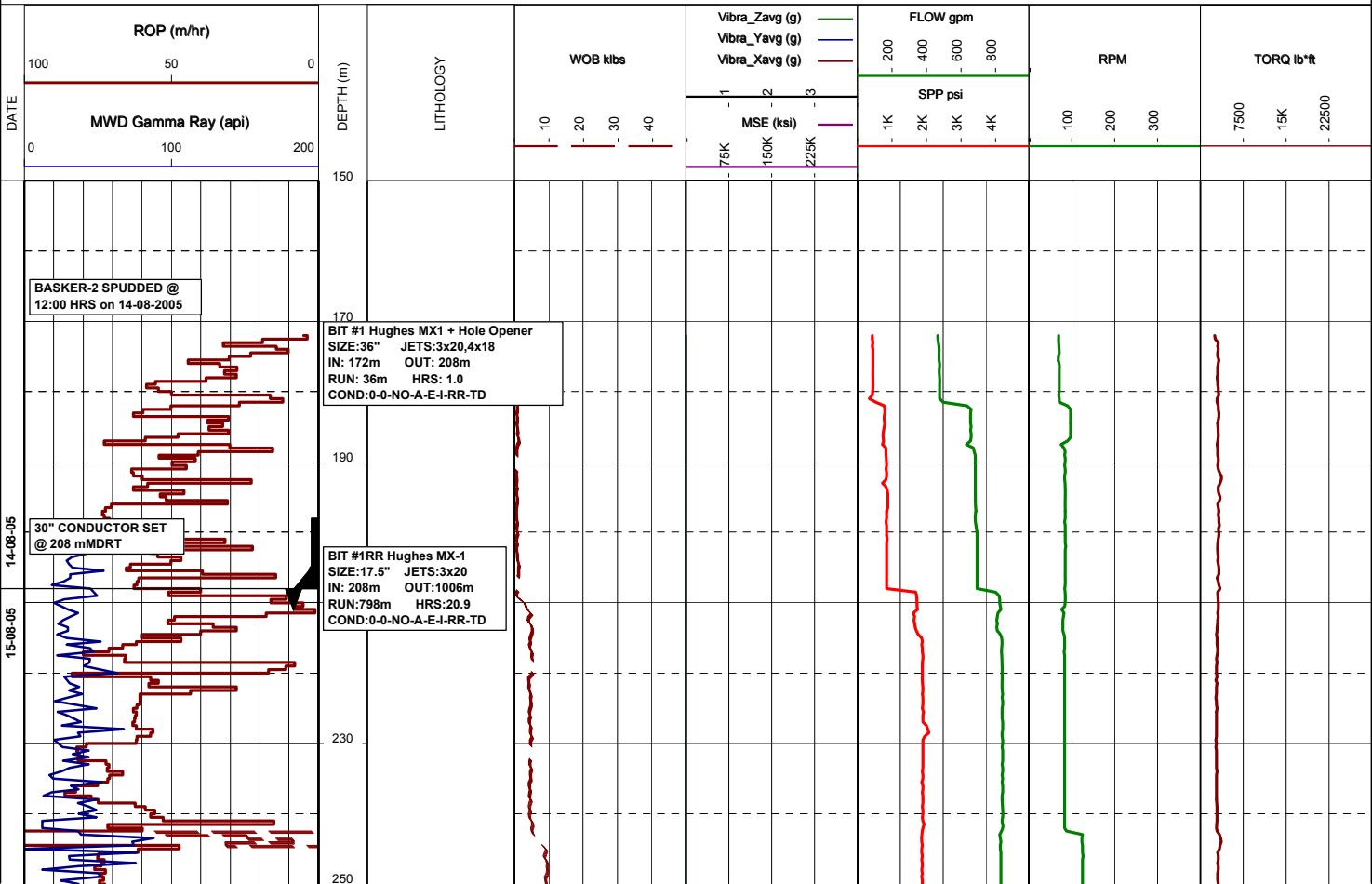
RT-MSL (m) : 21.5

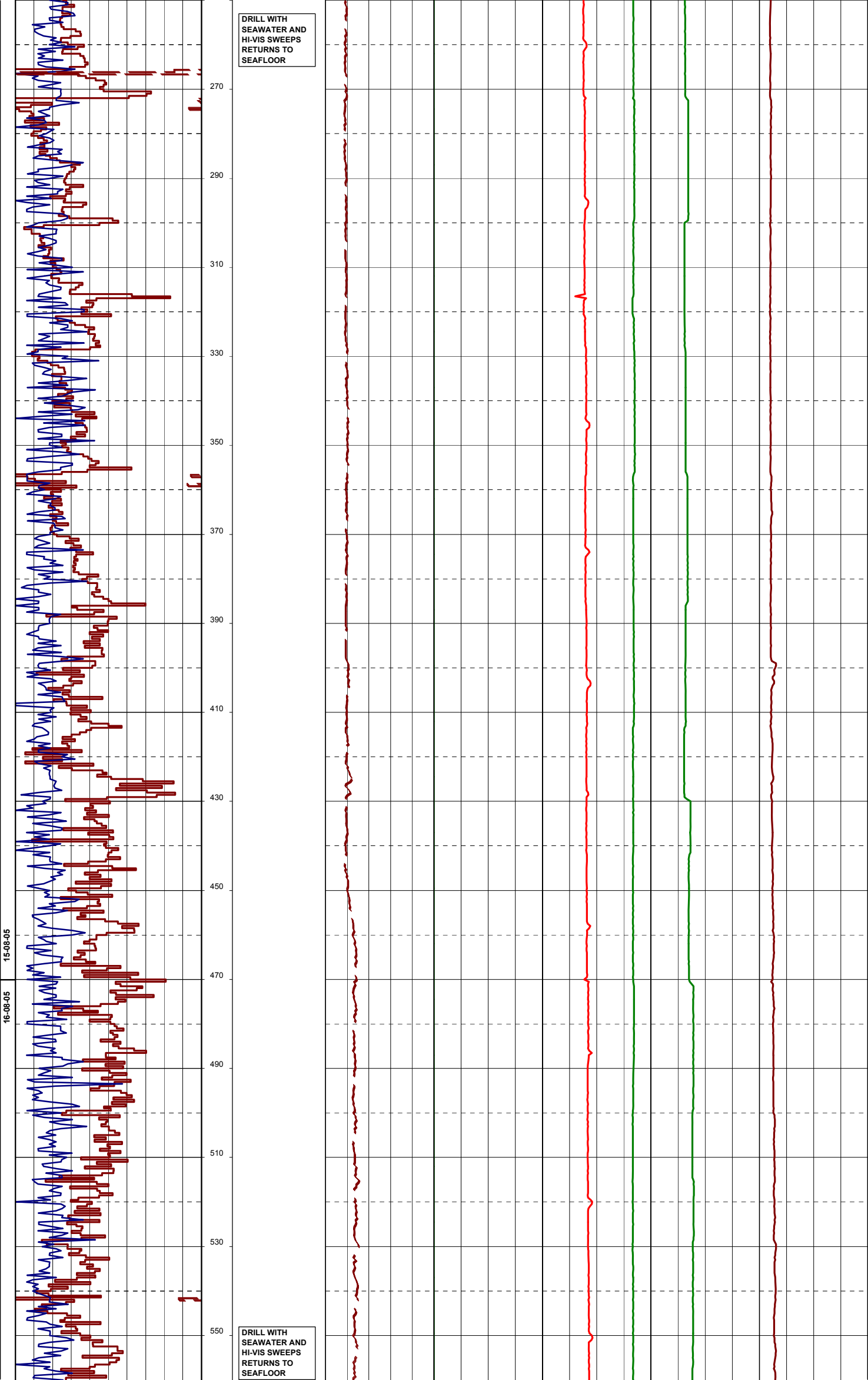
RT-SEABED (m): 174

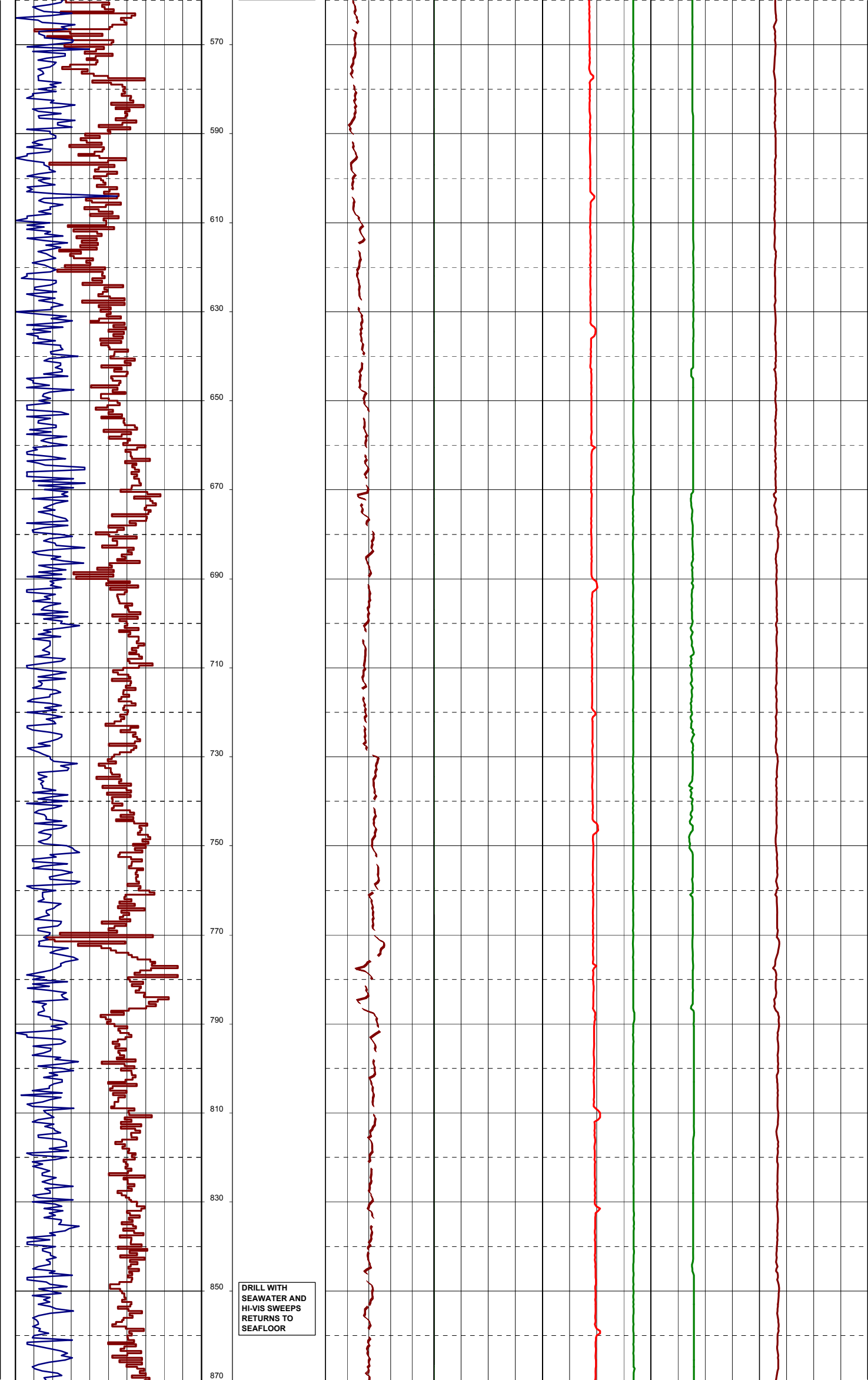
Final TD (mMDRT): 3414

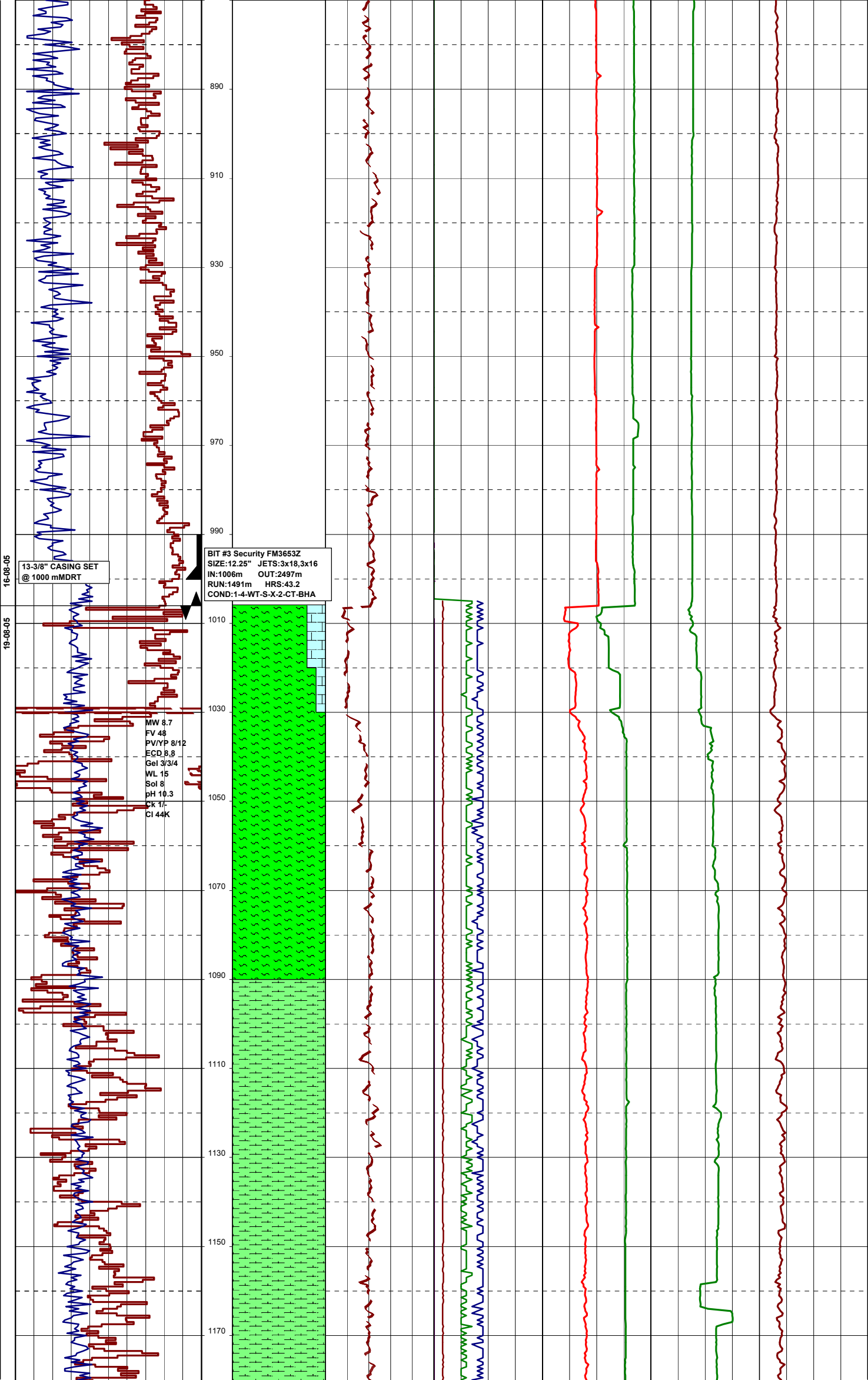
Final TVD (m TVDSS): 3323.1

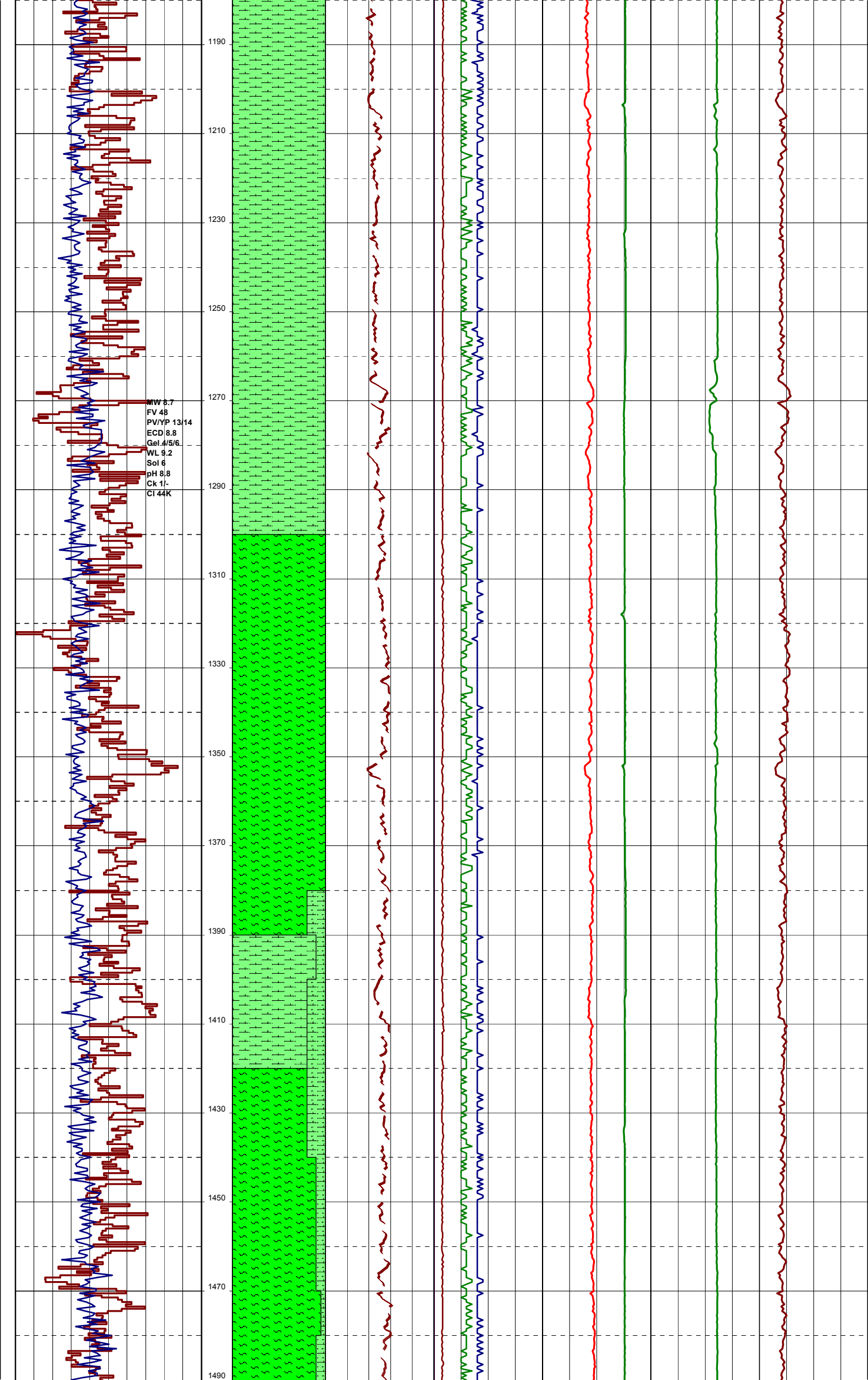
Generated by ALS Package




DRILL WITH SEAWATER AND HI-VIS SWEEPS RETURNS TO SEAFLOOR
270
290
310
330
350
370
390
410
430
450
15-08-05
470
16-08-05
490
510
530
550
DRILL WITH SEAWATER AND HI-VIS SWEEPS RETURNS TO SEAFLOOR


570
590
610
630
650
670
690
710
730
750
770
790
810
830
850
870
DRILL WITH SEAWATER AND HI-VIS SWEEPS RETURNS TO SEAFLOOR


16-08-05
19-08-05
890
910
930
950
970
990
1010
1030
1050
1070
1090
1110
1130
1150
1170
13-3/8" CASING SET
@ 1000 mMDRT
BIT #3 Security FM3653Z
SIZE:12.25" JETS:3x18,3x16
IN:1006m OUT:2497m
RUN:1491m HRS:43.2
COND:1-4-WT-S-X-2-CT-BHA
MW 8.7
FV 48
PV/YP 8/12
ECD 8.8
Gel 3/3/4
WL 15
Sol 8
pH 10.3
Ck 1/-
Cl 44K


MW 8.7
FV 48
PV/YP 13/14
ECD 8.8
Gel 4/5/6
WL 9.2
Sol 6
pH 8.8
Ck 1/-
Cl 44K
1190
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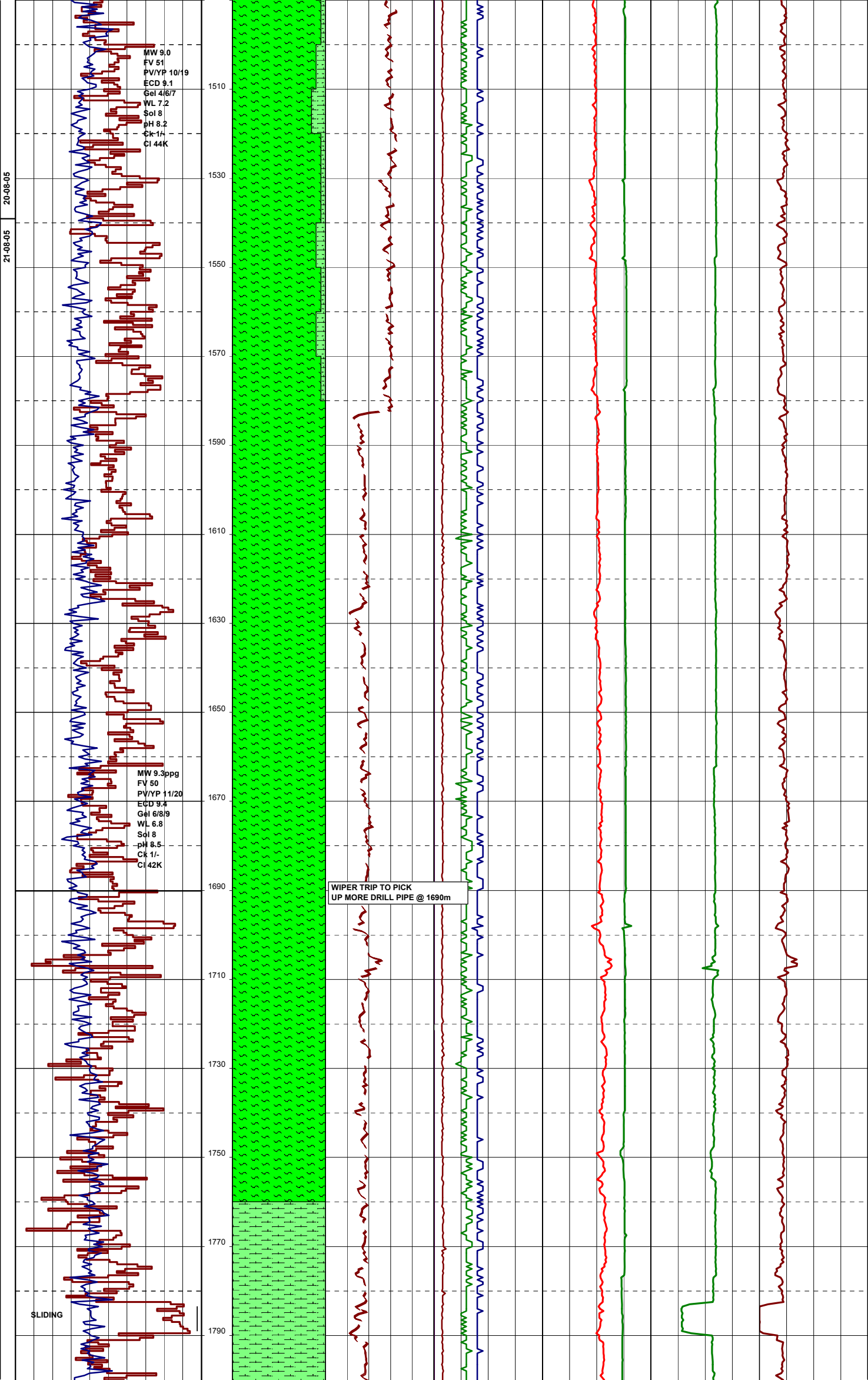
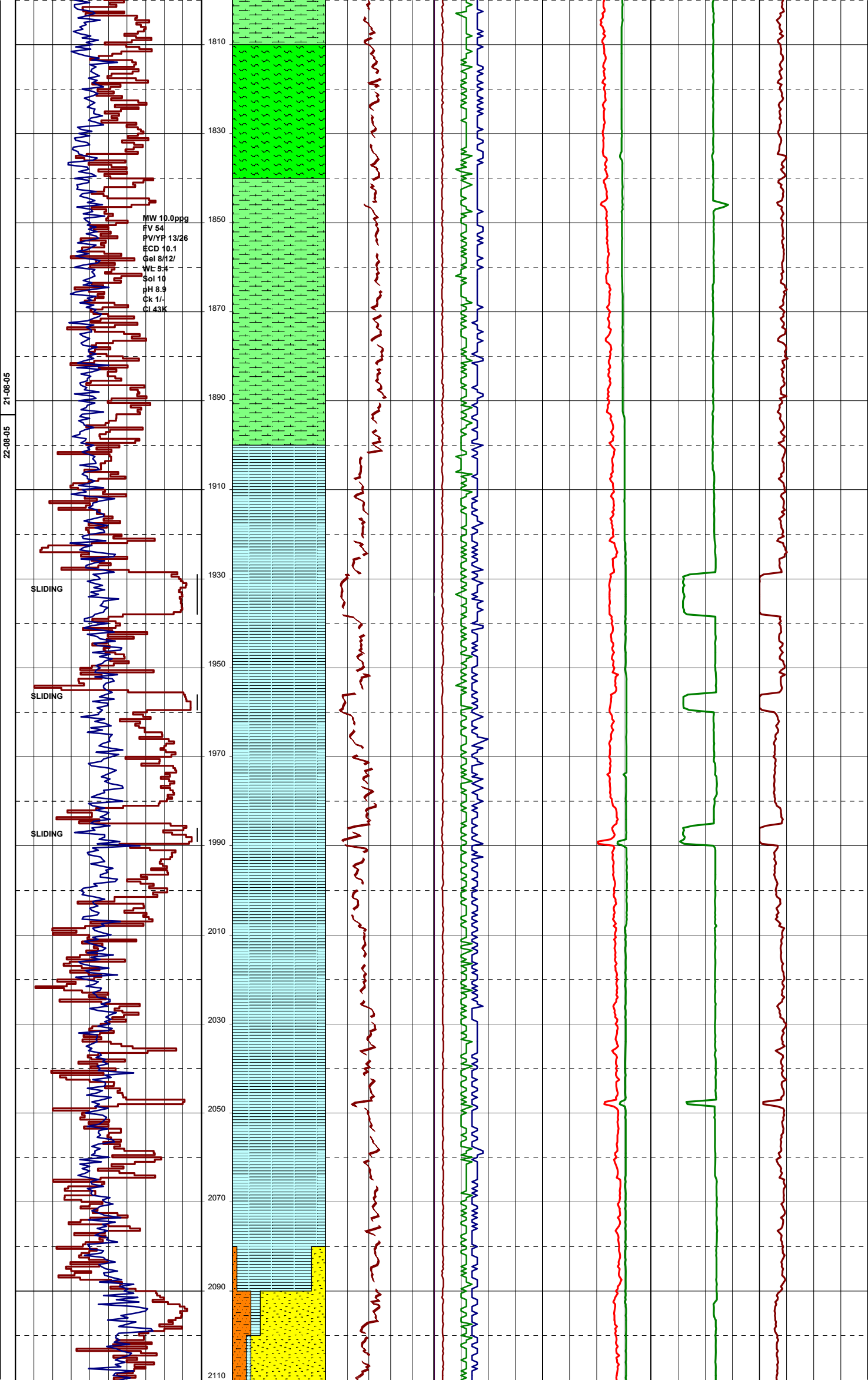
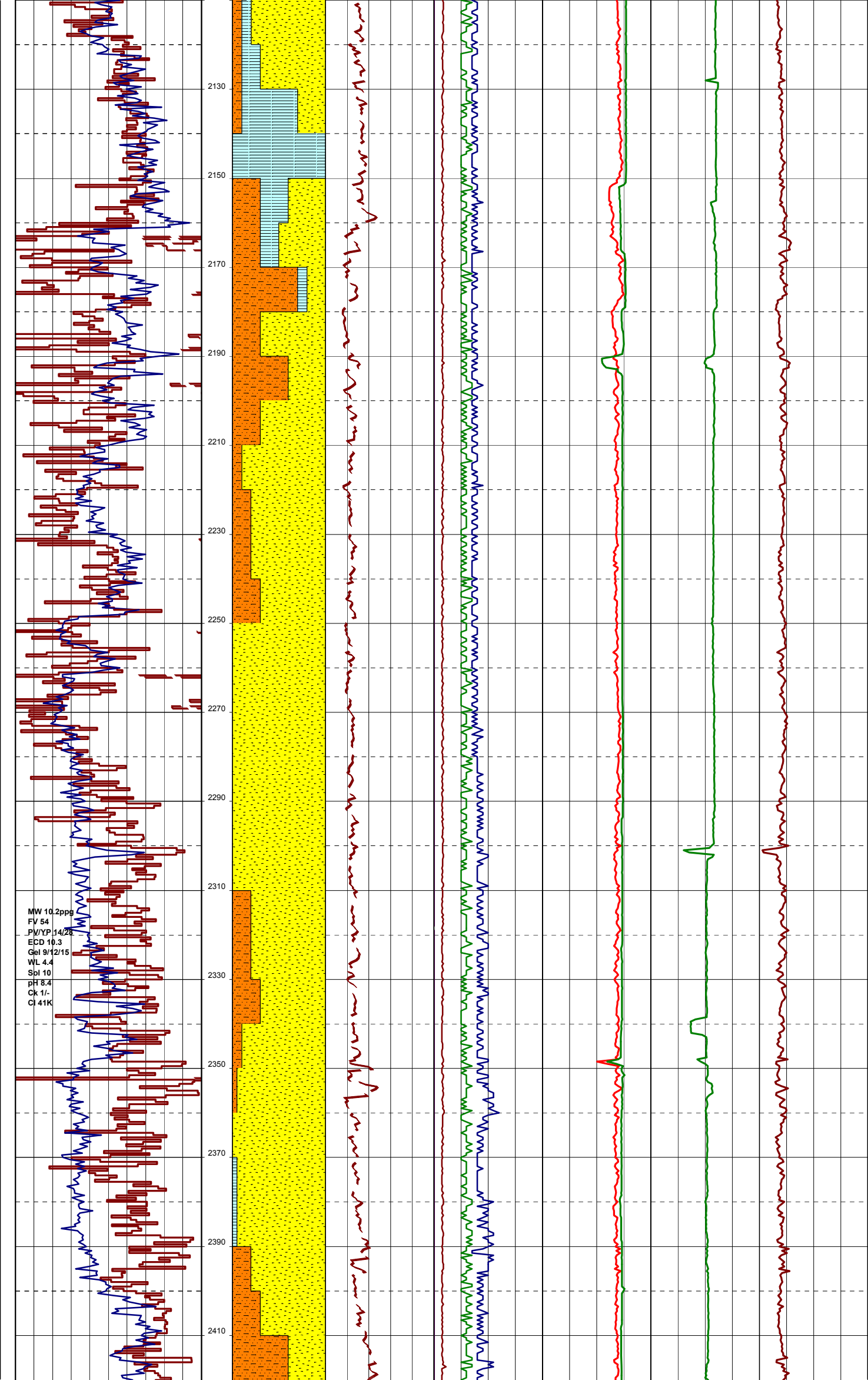
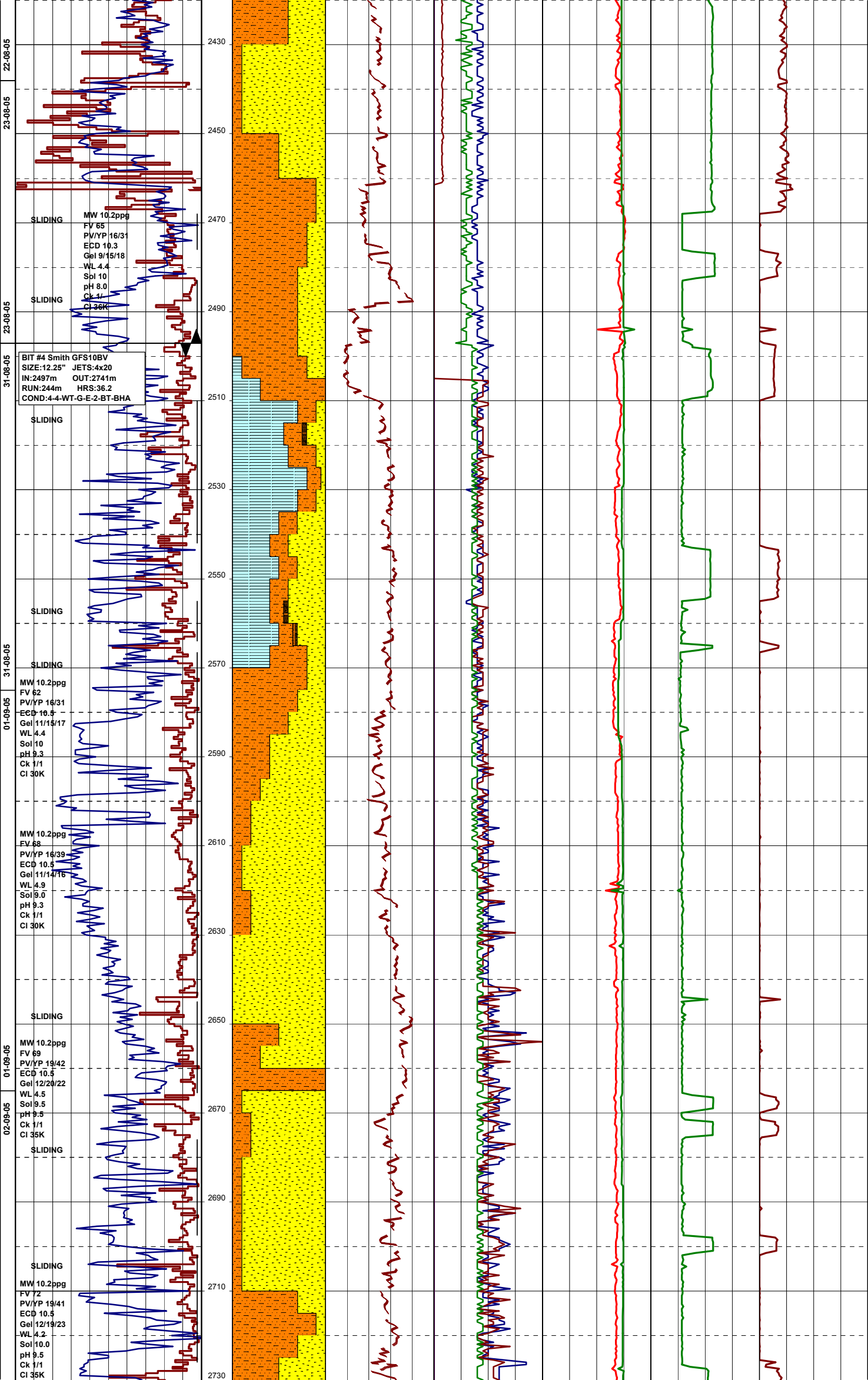
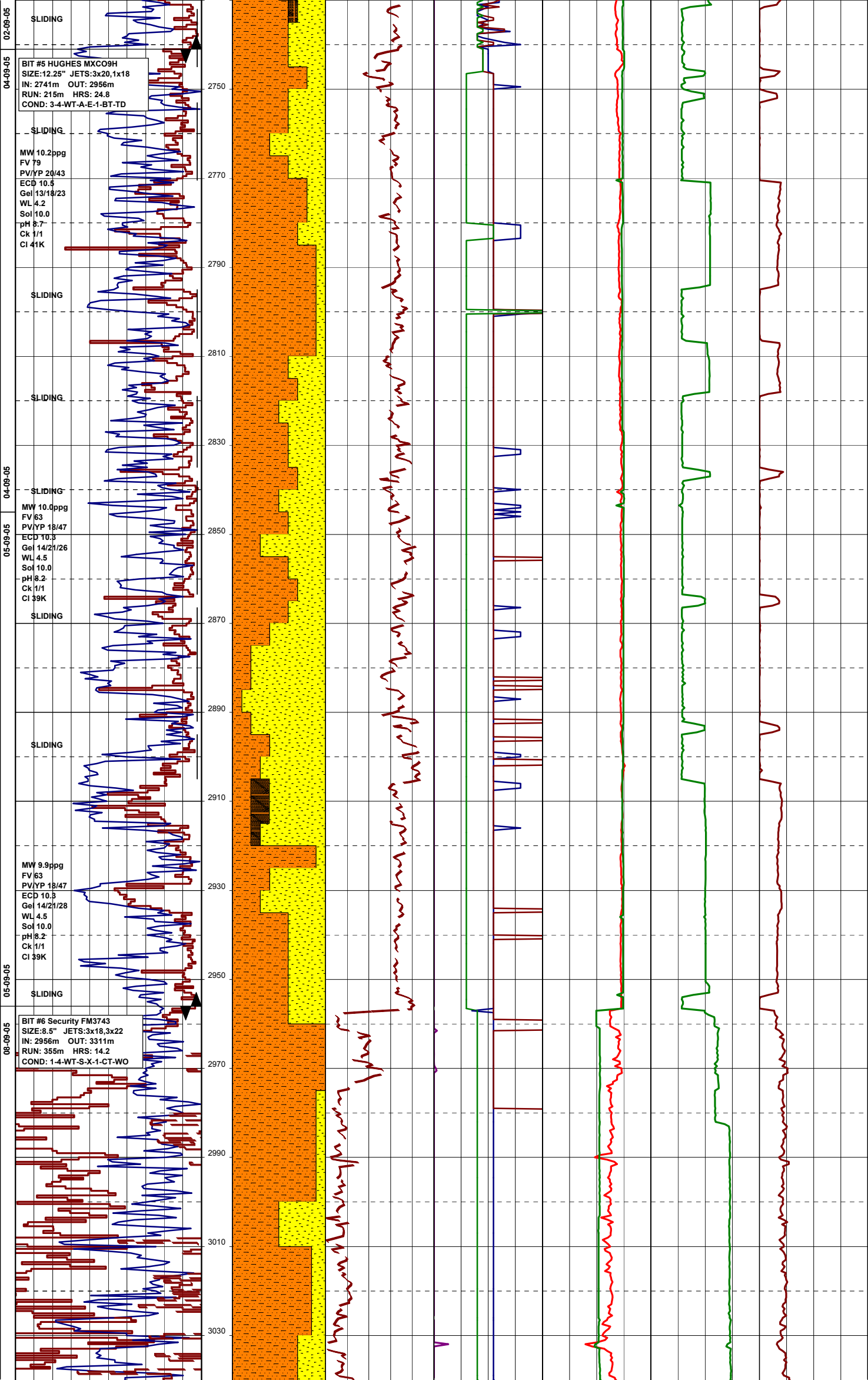
1450
1470
1490

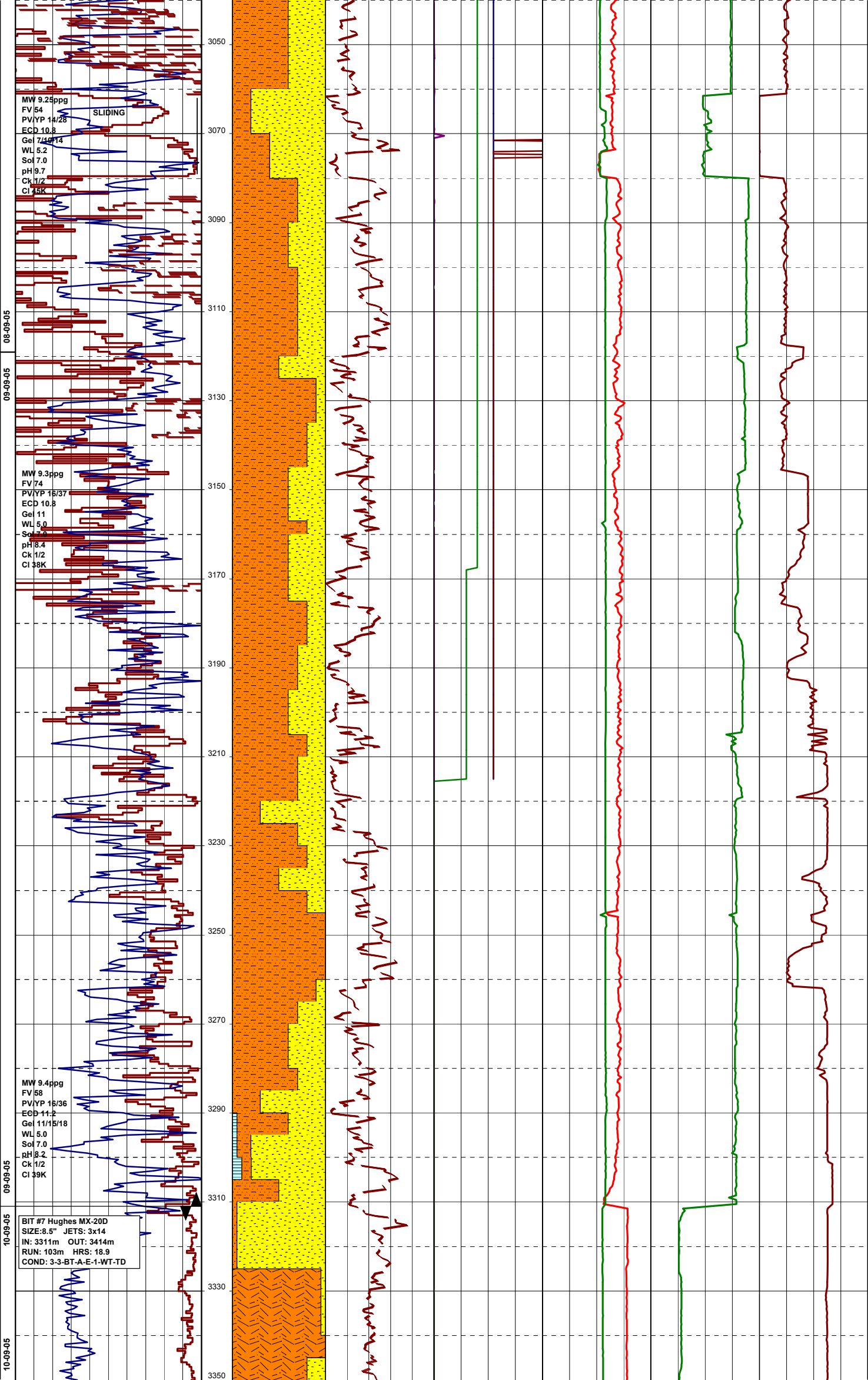

20-08-05
21-08-05
MW 9.0
FV 51
PV/YP 10/19
ECD 9.1
Gel 4/6/7
WL 7.2
Sol 8
pH 8.2
Ck 1/-
Cl 44K
1510
1530
1550
1570
1590
1610
1630
1650
MW 9.3ppg
FV 50
PV/YP 11/20
ECD 9.4
Gel 6/8/9
WL 6.8
Sol 8
pH 8.5
Ck 1/-
Cl 42K
1670
1690
WIPER TRIP TO PICK
UP MORE DRILL PIPE @ 1690m
1710
1730
1750
1770
SLIDING
1790

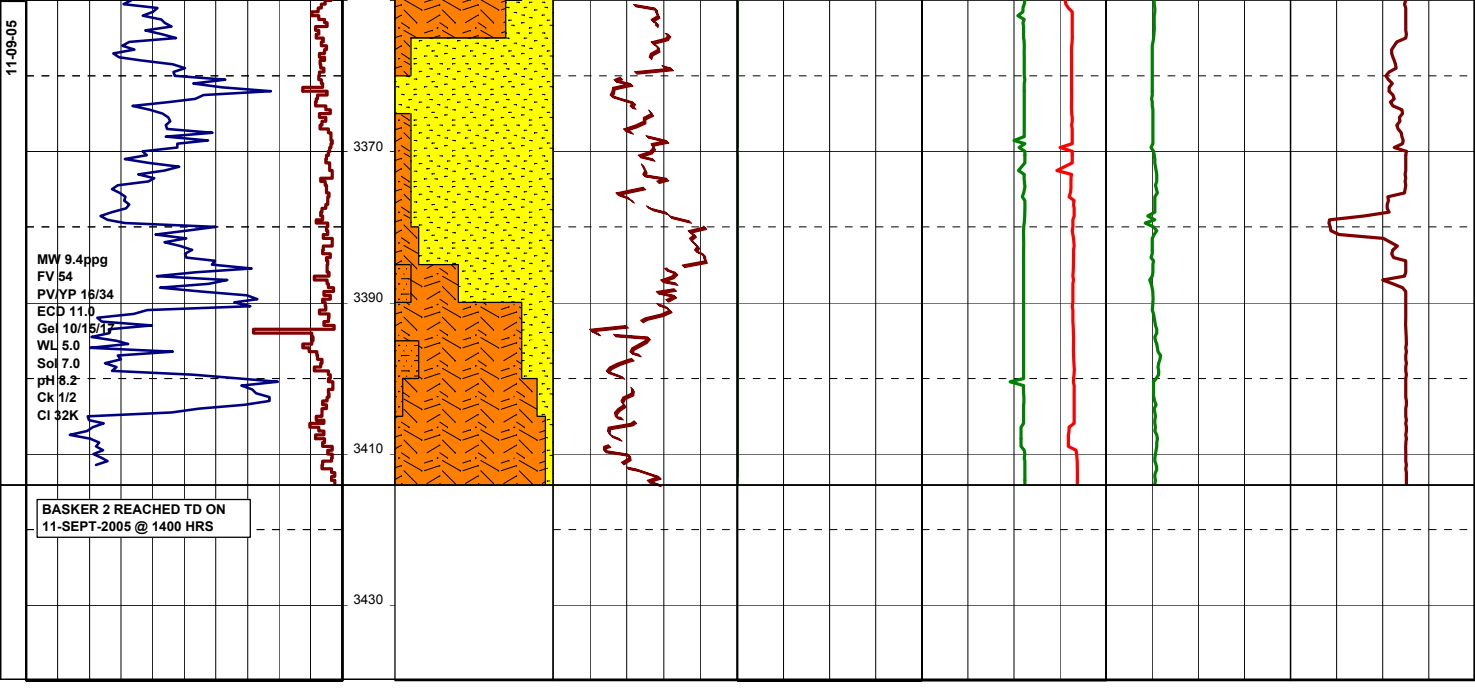

21-08-05
22-08-05
1810
1830
1850
1870
1890
1910
1930
1950
1970
1990
2010
2030
2050
2070
2090
2110
MW 10.0ppg
FV 54
PV/YP 13/26
ECD 10.1
Gel 8/12/
WL 5.4
Sol 10
pH 8.9
Ck 1/-
Cl 43K
SLIDING
SLIDING
SLIDING


2130
2150
2170
2190
2210
2230
2250
2270
2290
2310
2330
2350
2370
2390
2410
MW 10.2ppg
FV 54
PV/YP 14/28
ECD 10.3
Gel 9/12/15
WL 4.4
Sol 10
pH 8.4
Ck 1/-
Cl 41K


22-08-05
23-08-05
23-08-05
31-08-05
31-08-05
01-09-05
01-09-05
02-09-05
2430
2450
2470
2490
2510
2530
2550
2570
2590
2610
2630
2650
2670
2690
2710
2730
SLIDING
MW 10.2ppg
FV 65
PV/YP 16/31
ECD 10.3
Gel 9/15/18
WL 4.4
Sol 10
pH 8.0
Ck 1/
Cl 36K
SLIDING
BIT #4 Smith GFS10BV
SIZE:12.25" JETS:4x20
IN:2497m OUT:2741m
RUN:244m HRS:36.2
COND:4-4-WT-G-E-2-BT-BHA
SLIDING
SLIDING
SLIDING
MW 10.2ppg
FV 62
PV/YP 16/31
ECD 10.5
Gel 11/15/17
WL 4.4
Sol 10
pH 9.3
Ck 1/1
Cl 30K
MW 10.2ppg
FV 68
PV/YP 16/39
ECD 10.5
Gel 11/14/16
WL 4.9
Sol 9.0
pH 9.3
Ck 1/1
Cl 30K
SLIDING
MW 10.2ppg
FV 69
PV/YP 19/42
ECD 10.5
Gel 12/20/22
WL 4.5
Sol 9.5
pH 9.5
Ck 1/1
Cl 35K
SLIDING
SLIDING
MW 10.2ppg
FV 72
PV/YP 19/41
ECD 10.5
Gel 12/19/23
WL 4.2
Sol 10.0
pH 9.5
Ck 1/1
Cl 35K

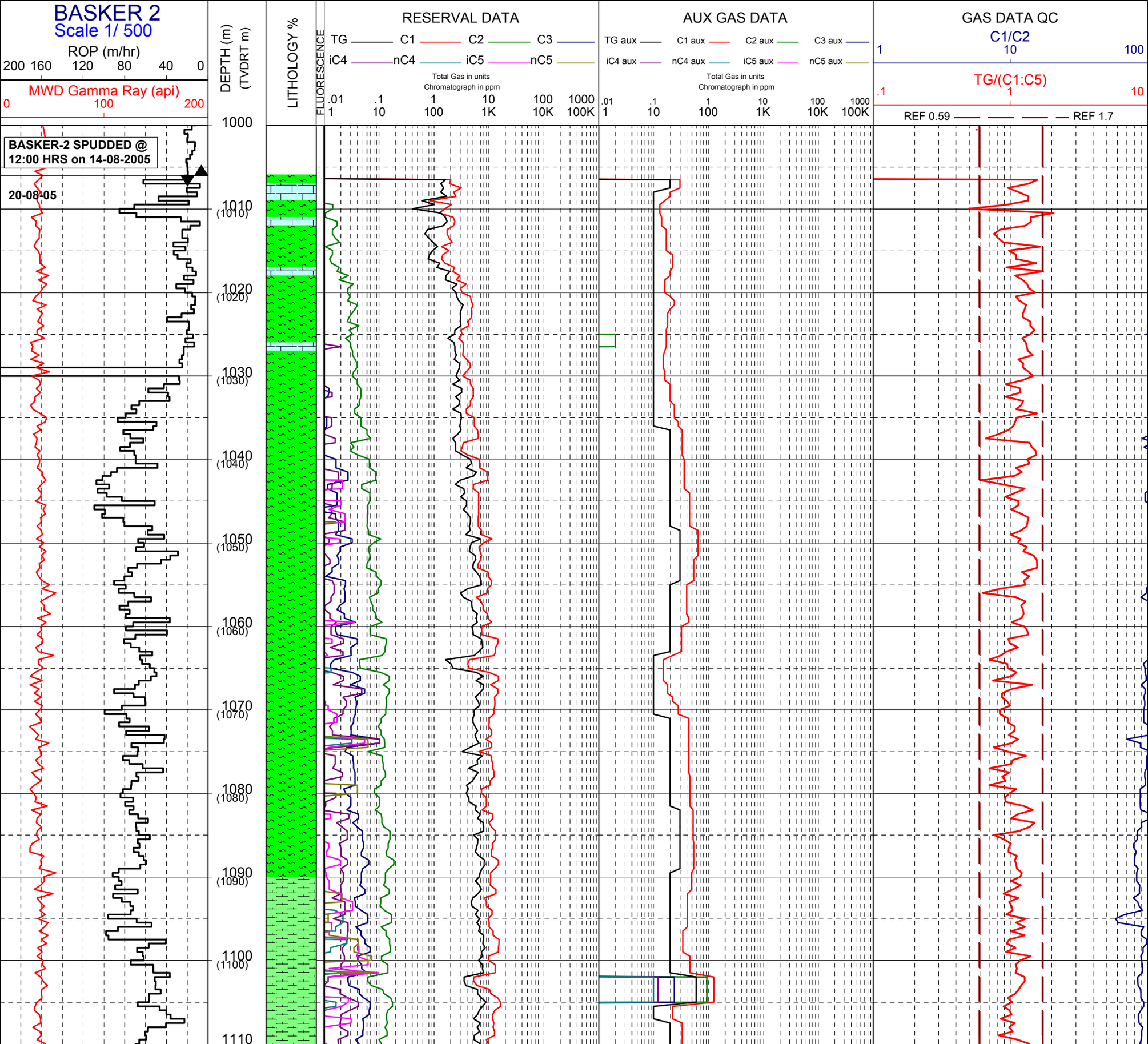

02-09-05
SLIDING
04-09-05
BIT #5 HUGHES MXCO9H
SIZE:12.25" JETS:3x20,1x18
IN: 2741m OUT: 2956m
RUN: 215m HRS: 24.8
COND: 3-4-WT-A-E-1-BT-TD
SLIDING
MW 10.2ppg
FV 79
PV/YP 20/43
ECD 10.5
Gel 13/18/23
WL 4.2
Sol 10.0
pH 8.7
Ck 1/1
Cl 41K
SLIDING
SLIDING
04-09-05
MW 10.0ppg
FV 63
PV/YP 18/47
ECD 10.3
Gel 14/21/26
WL 4.5
Sol 10.0
pH 8.2
Ck 1/1
Cl 39K
05-09-05
SLIDING
SLIDING
MW 9.9ppg
FV 63
PV/YP 18/47
ECD 10.3
Gel 14/21/28
WL 4.5
Sol 10.0
pH 8.2
Ck 1/1
Cl 39K
05-09-05
SLIDING
08-09-05
BIT #6 Security FM3743
SIZE:8.5" JETS:3x18,3x22
IN: 2956m OUT: 3311m
RUN: 355m HRS: 14.2
COND: 1-4-WT-S-X-1-CT-WO
2750
2770
2790
2810
2830
2850
2870
2890
2910
2930
2950
2970
2990
3010
3030

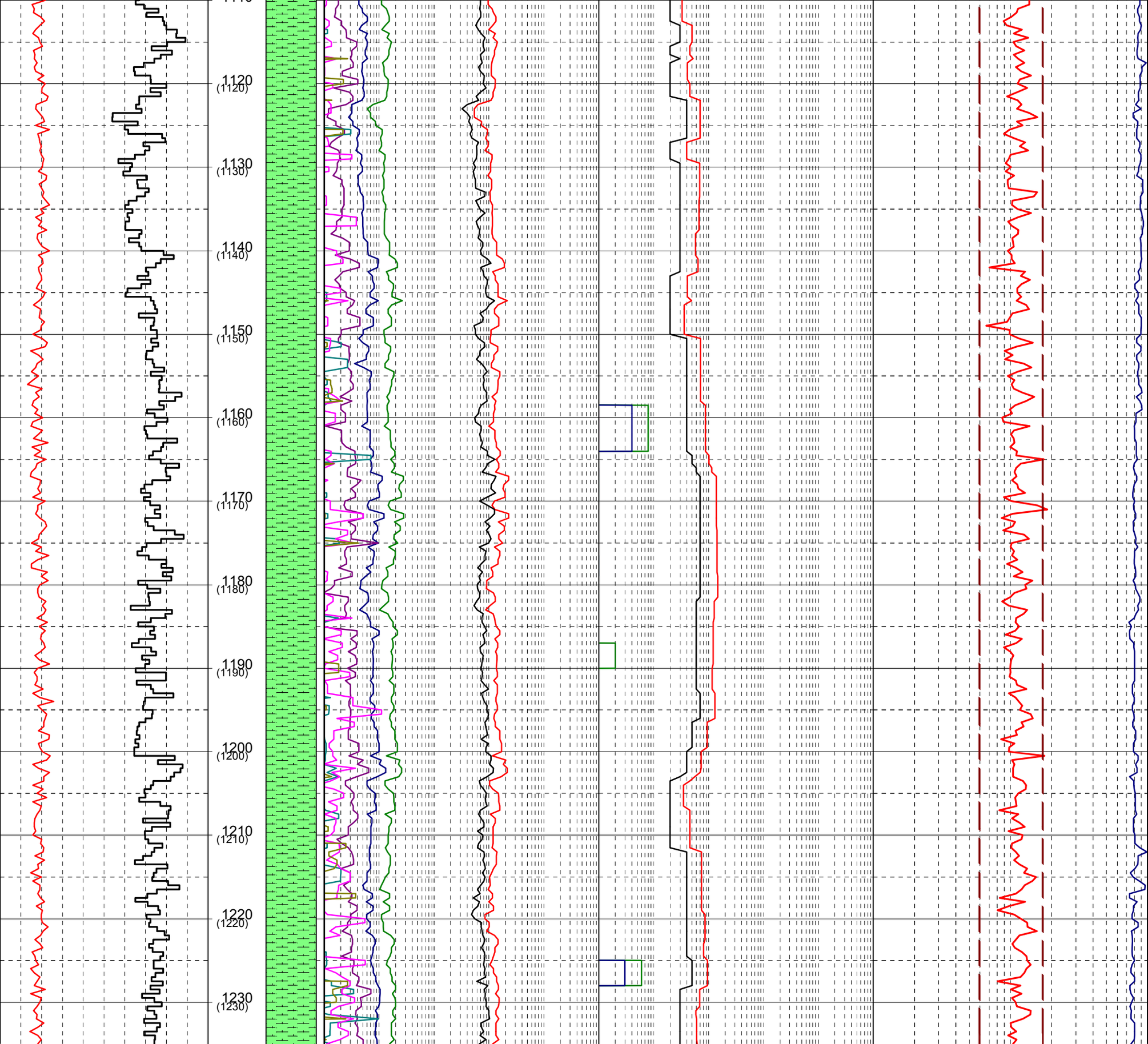

MW 9.25ppg
FV 54
PV/YP 14/28
ECD 10.8
Gel 7/10/14
WL 5.2
Sol 7.0
pH 9.7
Ck 1/2
Cl 45K
SLIDING
MW 9.3ppg
FV 74
PV/YP 16/37
ECD 10.8
Gel 11
WL 5.0
Sol 7.0
pH 8.4
Ck 1/2
Cl 38K
MW 9.4ppg
FV 58
PV/YP 16/36
ECD 11.2
Gel 11/15/18
WL 5.0
Sol 7.0
pH 8.2
Ck 1/2
Cl 39K
BIT #7 Hughes MX-20D
SIZE:8.5" JETS: 3x14
IN: 3311m OUT: 3414m
RUN: 103m HRS: 18.9
COND: 3-3-BT-A-E-1-WT-TD
08-09-05
09-09-05
09-09-05
10-09-05
10-09-05
3050
3070
3090
3110
3130
3150
3170
3190
3210
3230
3250
3270
3290
3310
3330
3350

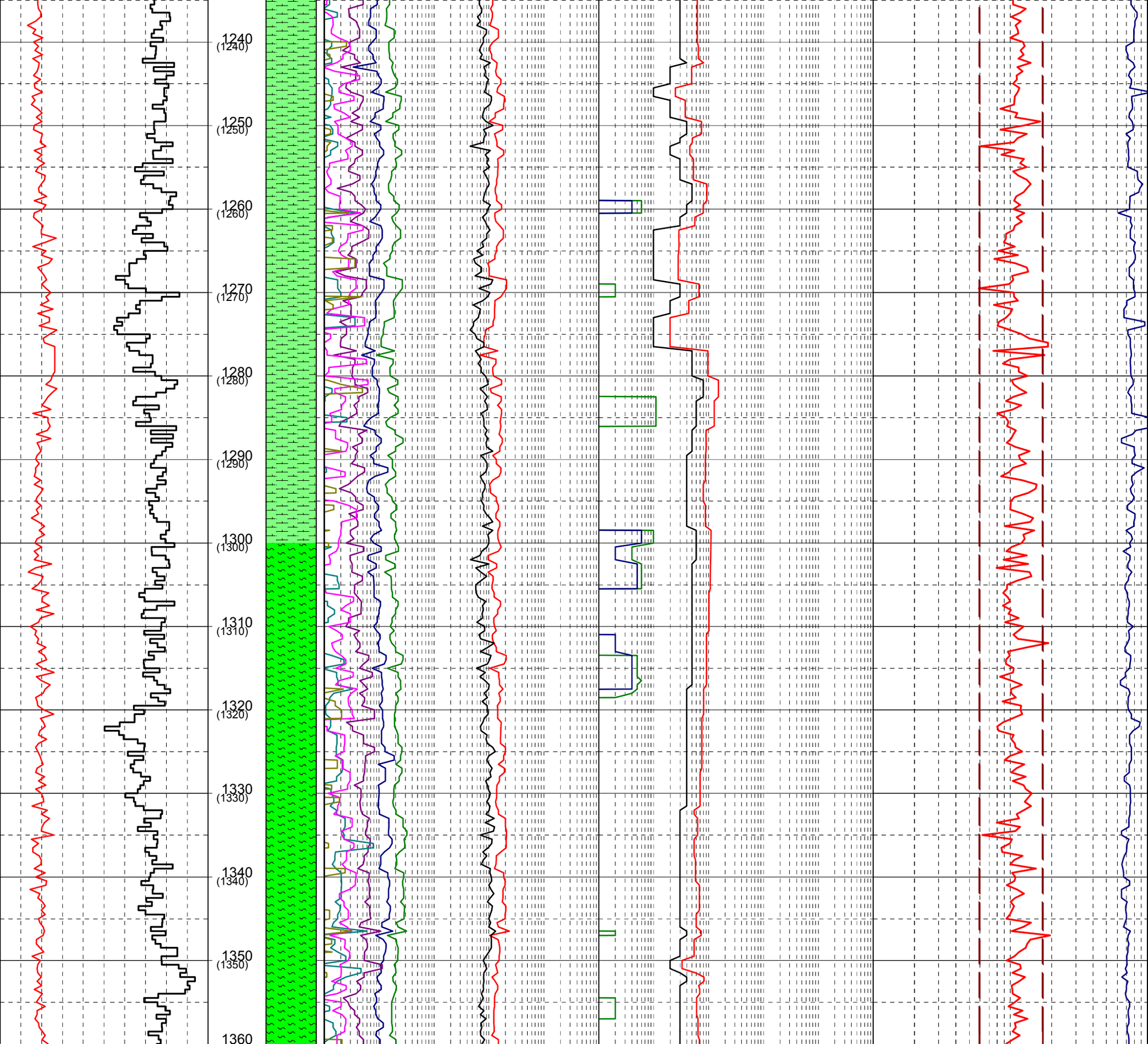

11-09-05
MW 9.4ppg
FV 54
PV/YP 16/34
ECD 11.0
Gel 10/15/17
WL 5.0
Sol 7.0
pH 8.2
Ck 1/2
Cl 32K
3370
3390
3410
3430
BASKER 2 REACHED TD ON
11-SEPT-2005 @ 1400 HRS

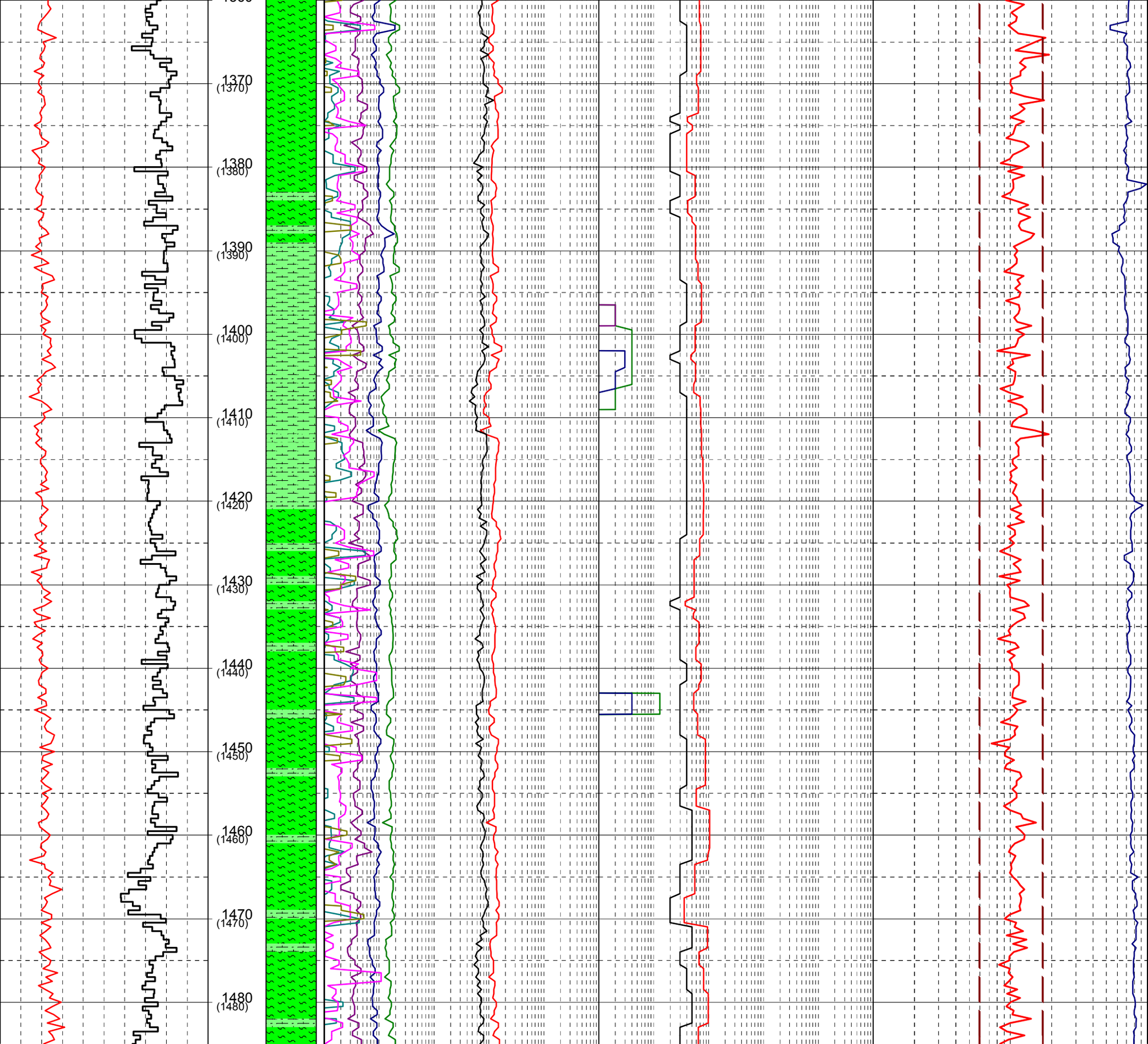
ENCLOSURE 4

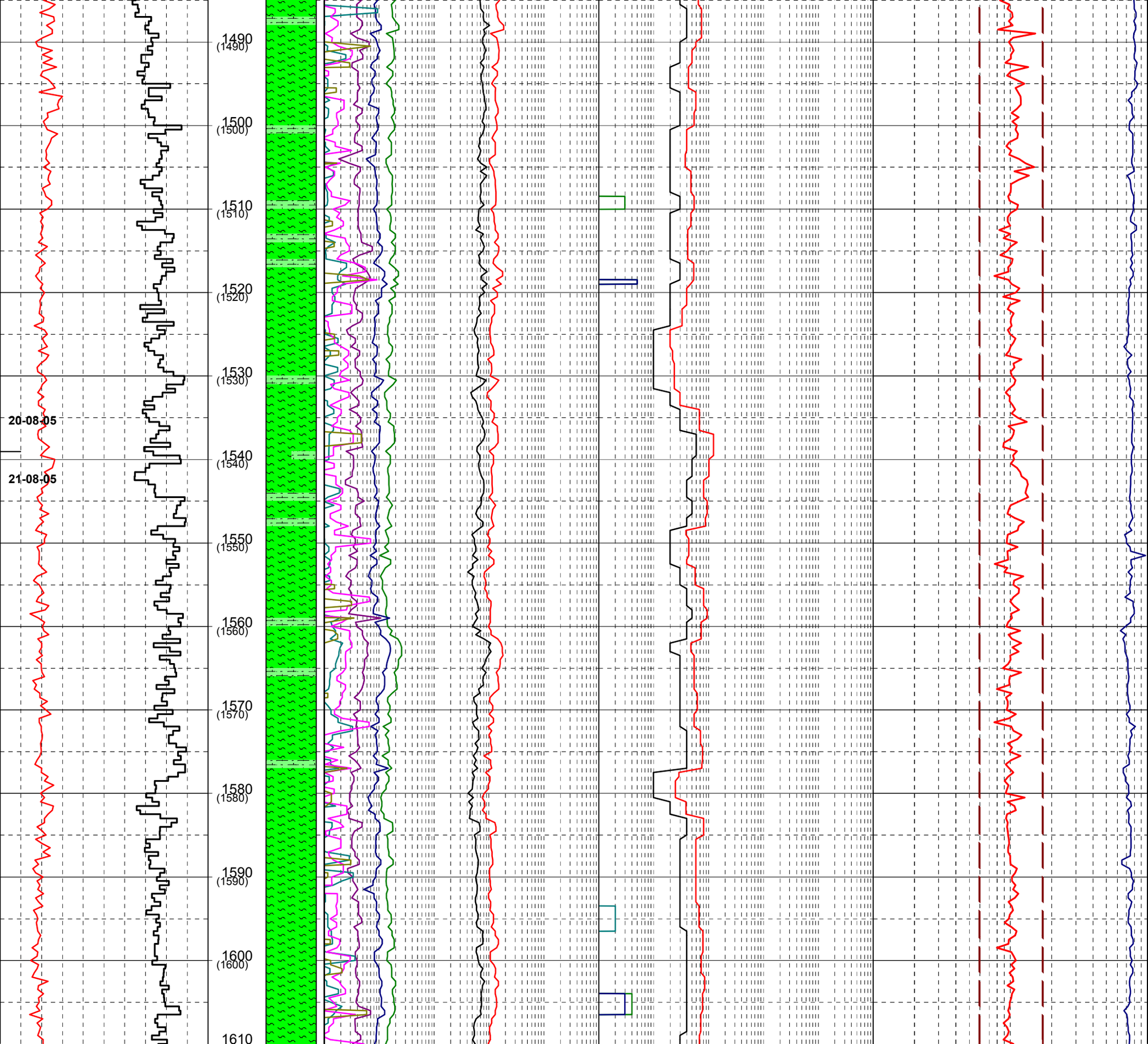
GAS RATIO LOG

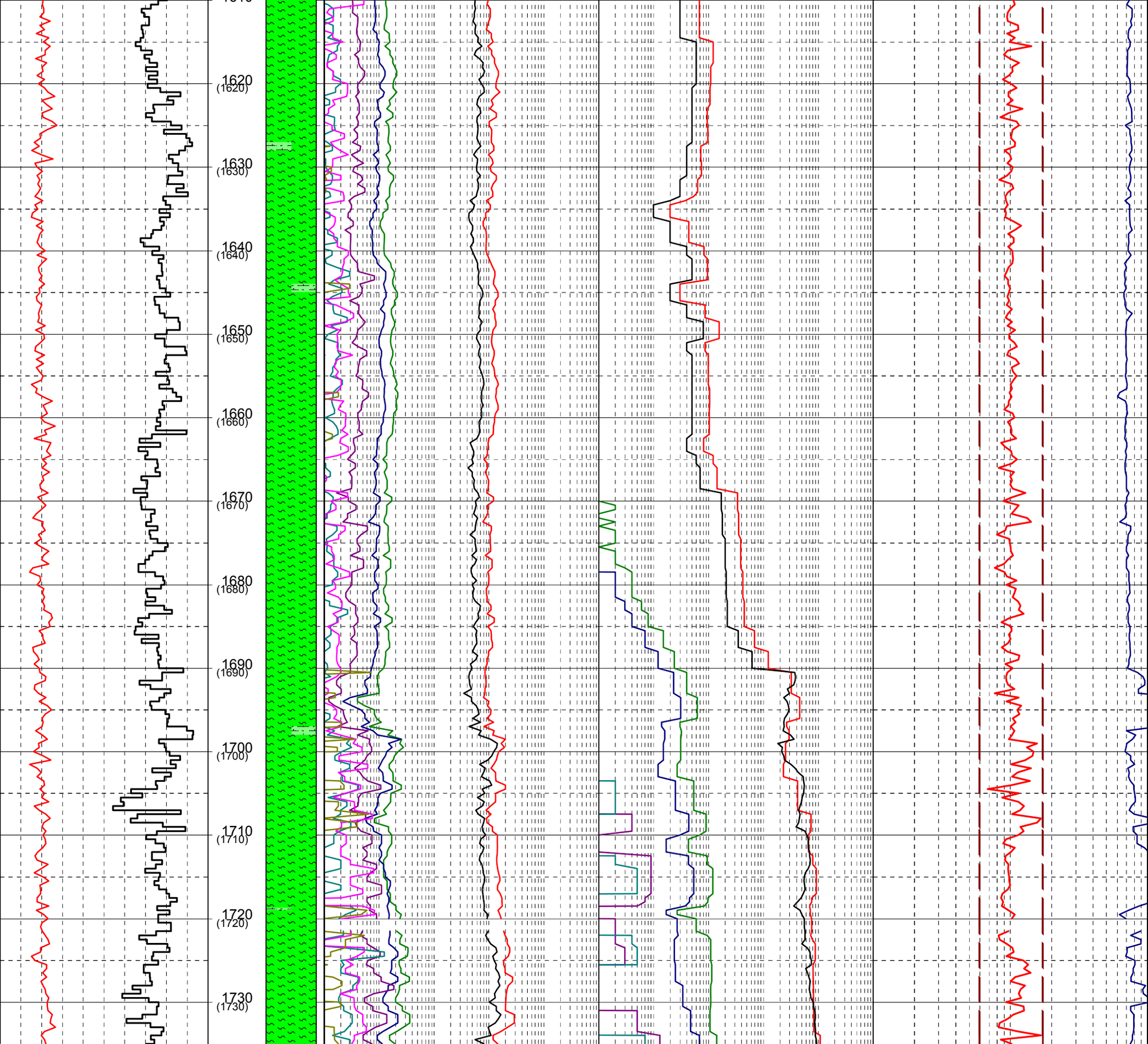

BASKER 2
Scale 1/ 500
ROP (m/hr)
200 160 120 80 40 0
MWD Gamma Ray (api)
0 100 200
DEPTH (m)
(TVDRT m)
LITHOLOGY %
FLUORESCENCE
RESERVAL DATA
TG C1 C2 C3
iC4 nC4 iC5 nC5
Total Gas in units
Chromatograph in ppm
.01 .1 1 10 100 1000
1 10 100 1K 10K 100K
AUX GAS DATA
TG aux C1 aux C2 aux C3 aux
iC4 aux nC4 aux iC5 aux nC5 aux
Total Gas in units
Chromatograph in ppm
.01 .1 1 10 100 1000
1 10 100 1K 10K 100K
GAS DATA QC
C1/C2
1 10 100
TG/(C1:C5)
.1 1 10
REF 0.59
REF 1.7
BASKER-2 SPUDDED @
12:00 HRS on 14-08-2005
20-08-05
1000
1010 (1010)
1020 (1020)
1030 (1030)
1040 (1040)
1050 (1050)
1060 (1060)
1070 (1070)
1080 (1080)
1090 (1090)
1100 (1100)
1110

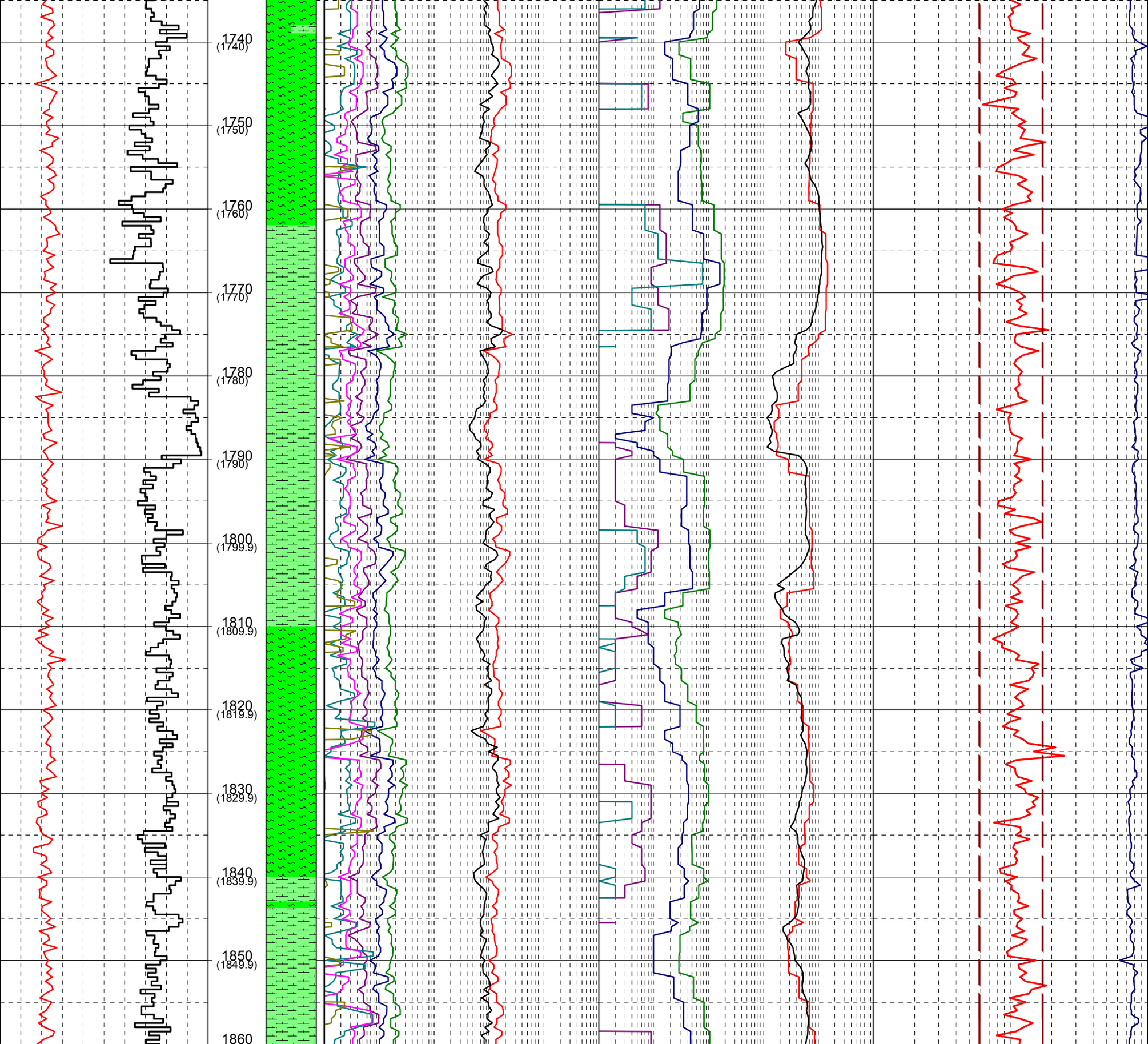

1120
(1120)
1130
(1130)
1140
(1140)
1150
(1150)
1160
(1160)
1170
(1170)
1180
(1180)
1190
(1190)
1200
(1200)
1210
(1210)
1220
(1220)
1230
(1230)


1240
(1240)
1250
(1250)
1260
(1260)
1270
(1270)
1280
(1280)
1290
(1290)
1300
(1300)
1310
(1310)
1320
(1320)
1330
(1330)
1340
(1340)
1350
(1350)
1360


1370
(1370)
1380
(1380)
1390
(1390)
1400
(1400)
1410
(1410)
1420
(1420)
1430
(1430)
1440
(1440)
1450
(1450)
1460
(1460)
1470
(1470)
1480
(1480)


1490
(1490)
1500
(1500)
1510
(1510)
1520
(1520)
1530
(1530)
20-08-05
1540
(1540)
21-08-05
1550
(1550)
1560
(1560)
1570
(1570)
1580
(1580)
1590
(1590)
1600
(1600)
1610


1620
(1620)
1630
(1630)
1640
(1640)
1650
(1650)
1660
(1660)
1670
(1670)
1680
(1680)
1690
(1690)
1700
(1700)
1710
(1710)
1720
(1720)
1730
(1730)


1740
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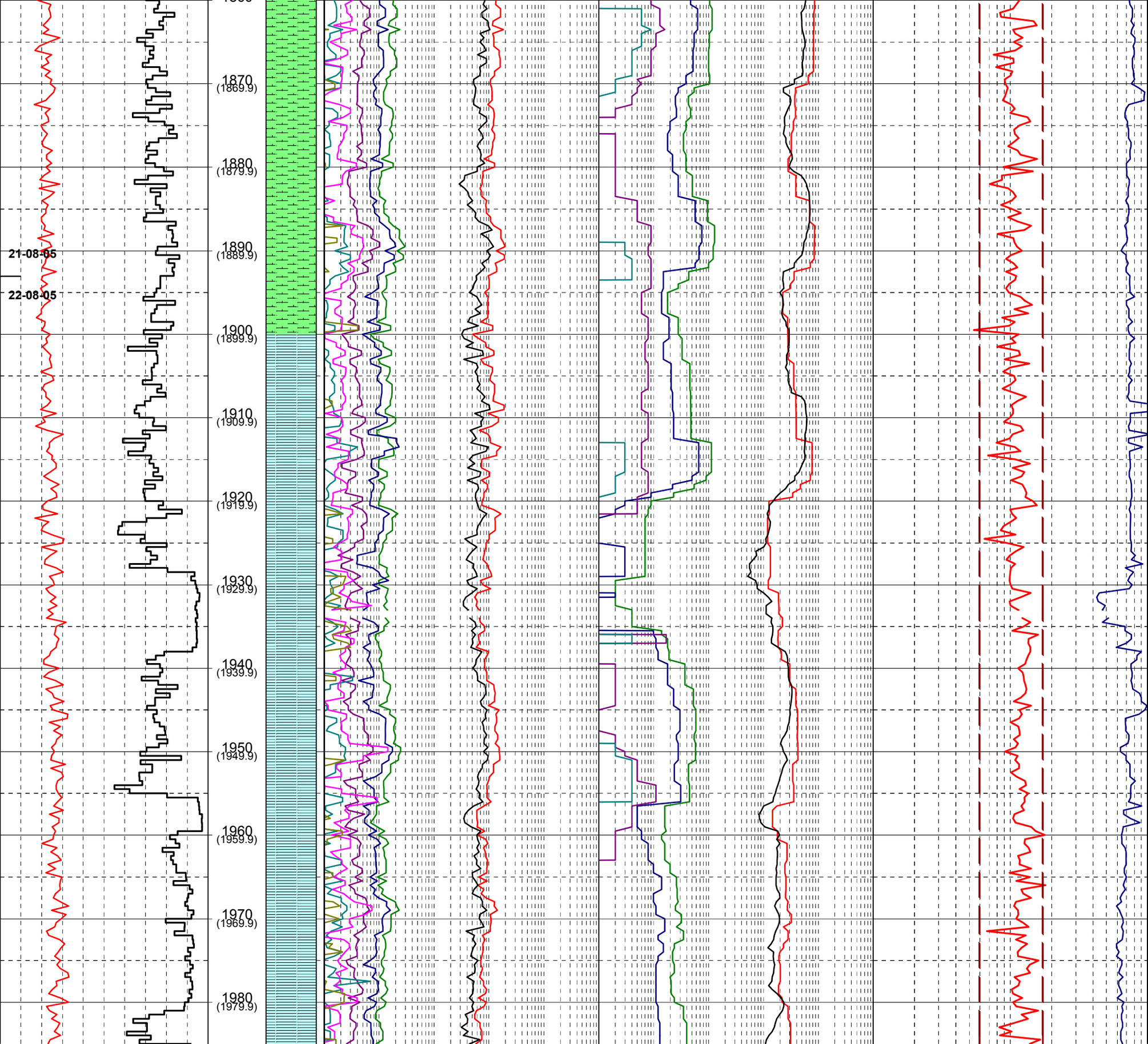
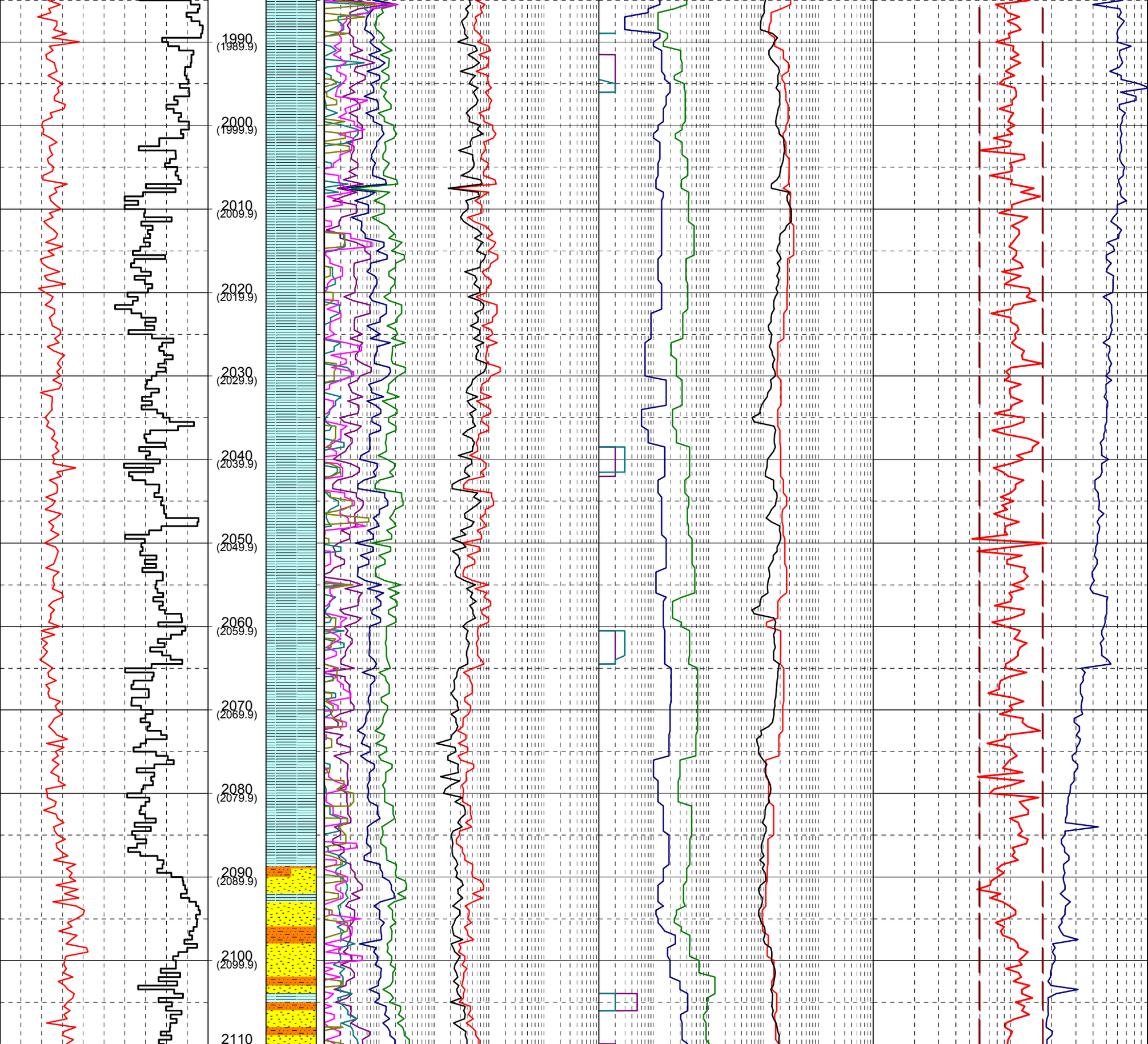
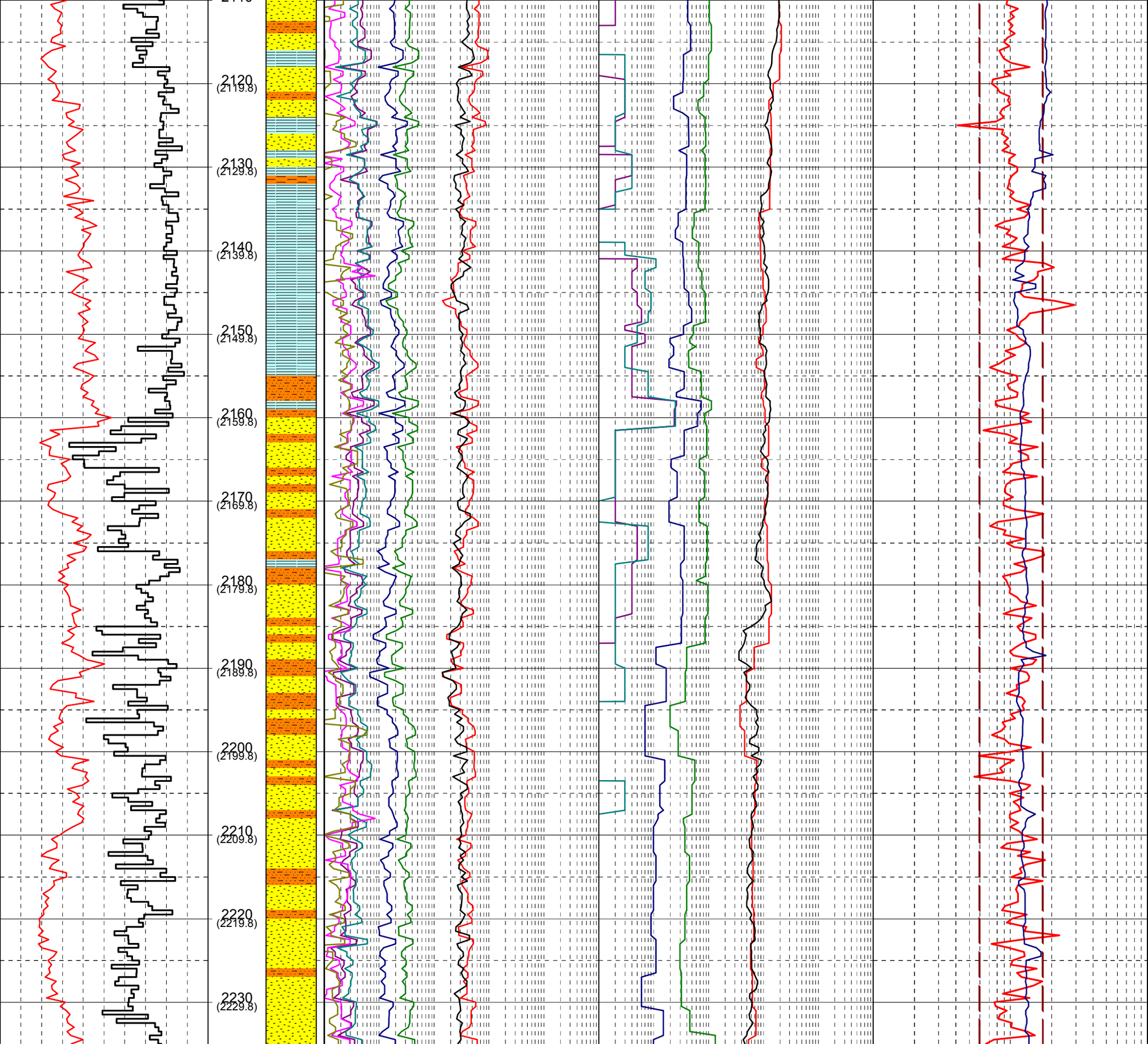
1750
(1750)
1760
(1760)
1770
(1770)
1780
(1780)
1790
(1790)
1800
(1799.9)
1810
(1809.9)
1820
(1819.9)
1830
(1829.9)
1840
(1839.9)
1850
(1849.9)
1860


1870
(1869.9)
1880
(1879.9)
1890
(1889.9)
21-08-05
22-08-05
1900
(1899.9)
1910
(1909.9)
1920
(1919.9)
1930
(1929.9)
1940
(1939.9)
1950
(1949.9)
1960
(1959.9)
1970
(1969.9)
1980
(1979.9)


1990
(1989.9)
2000
(1999.9)
2010
(2009.9)
2020
(2019.9)
2030
(2029.9)
2040
(2039.9)
2050
(2049.9)
2060
(2059.9)
2070
(2069.9)
2080
(2079.9)
2090
(2089.9)
2100
(2099.9)
2110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2130
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2140
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2150
(2149.8)
2160
(2159.8)
2170
(2169.8)
2180
(2179.8)
2190
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2200
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2210
(2209.8)
2220
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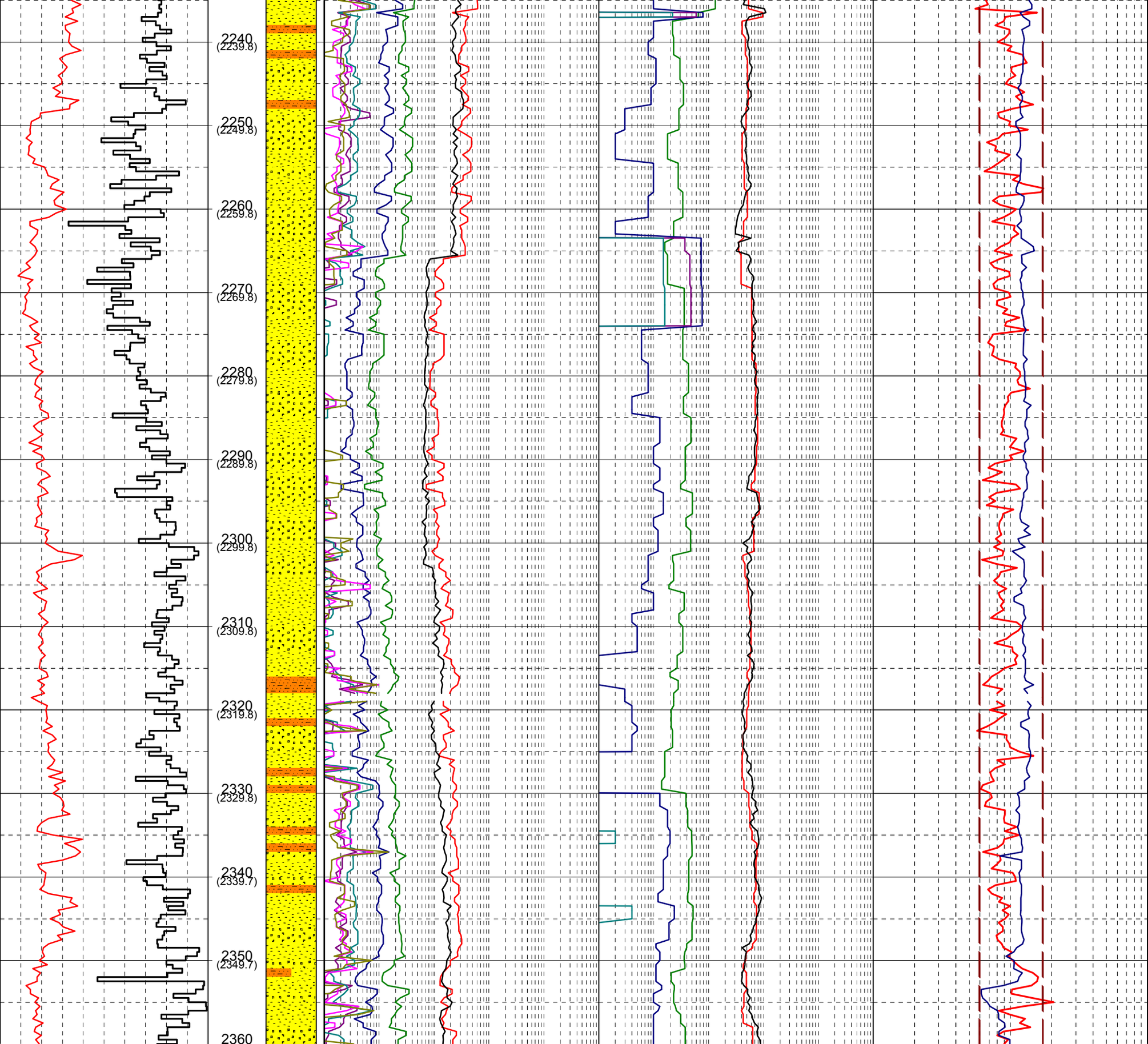
2230
(2229.8)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2250
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2260
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2270
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2280
(2279.8)
2290
(2289.8)
2300
(2299.8)
2310
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2320
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2330
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2340
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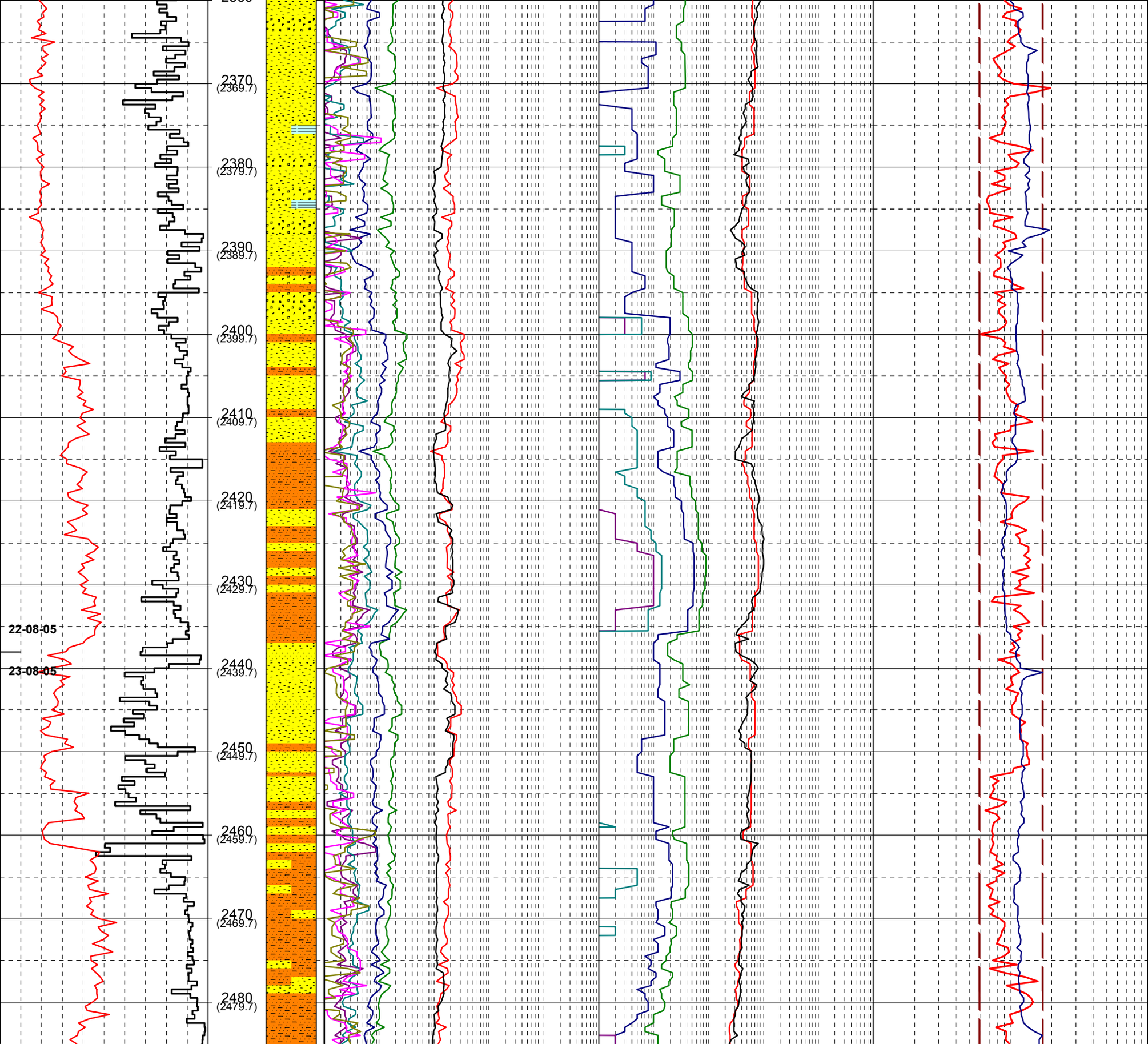
2350
(2349.7)
2360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2380
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2390
(2389.7)
2400
(2399.7)
2410
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2420
(2419.7)
2430
(2429.7)
22-08-05
23-08-05
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2450
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2460
(2459.7)
2470
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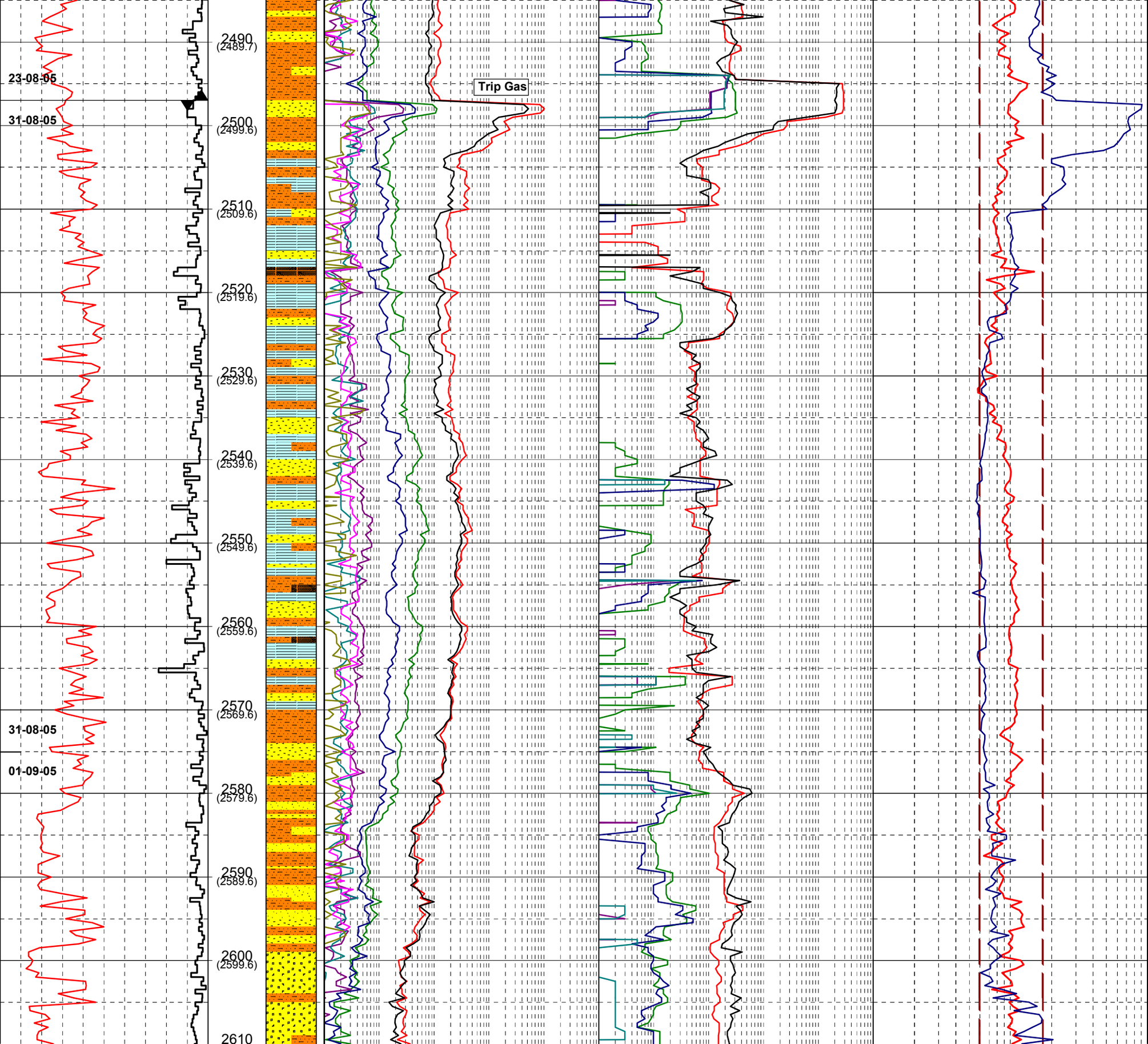
2480
(2479.7)


23-08-05
31-08-05
31-08-05
01-09-05
2490
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2500
(2499.6)
2510
(2509.6)
2520
(2519.6)
2530
(2529.6)
2540
(2539.6)
2550
(2549.6)
2560
(2559.6)
2570
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2580
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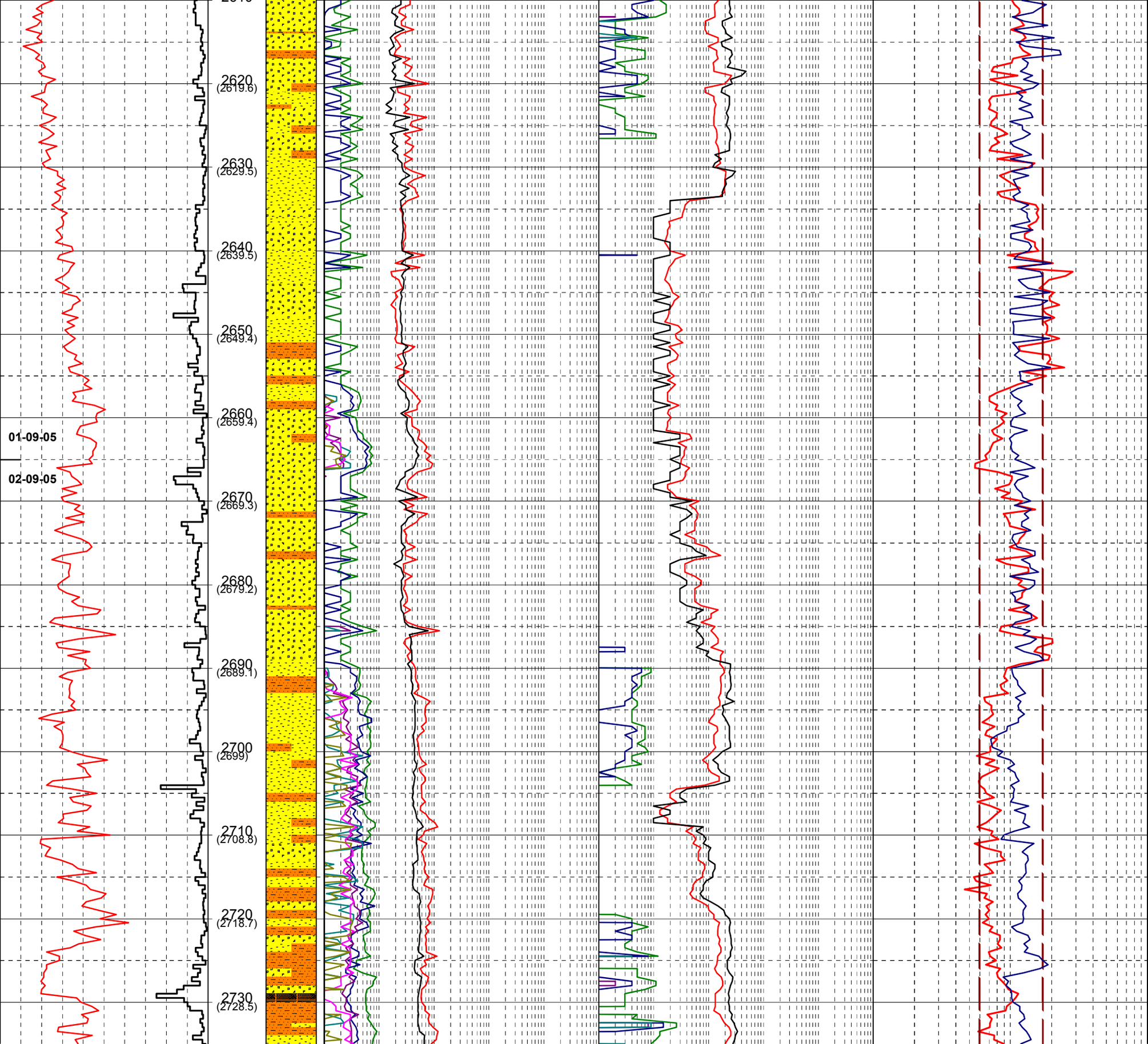
2590
(2589.6)
2600
(2599.6)
2610
Trip Gas


2620
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2630
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2640
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2650
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2660
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01-09-05
02-09-05
2670
(2669.3)
2680
(2679.2)
2690
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2700
(2699)
2710
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2720
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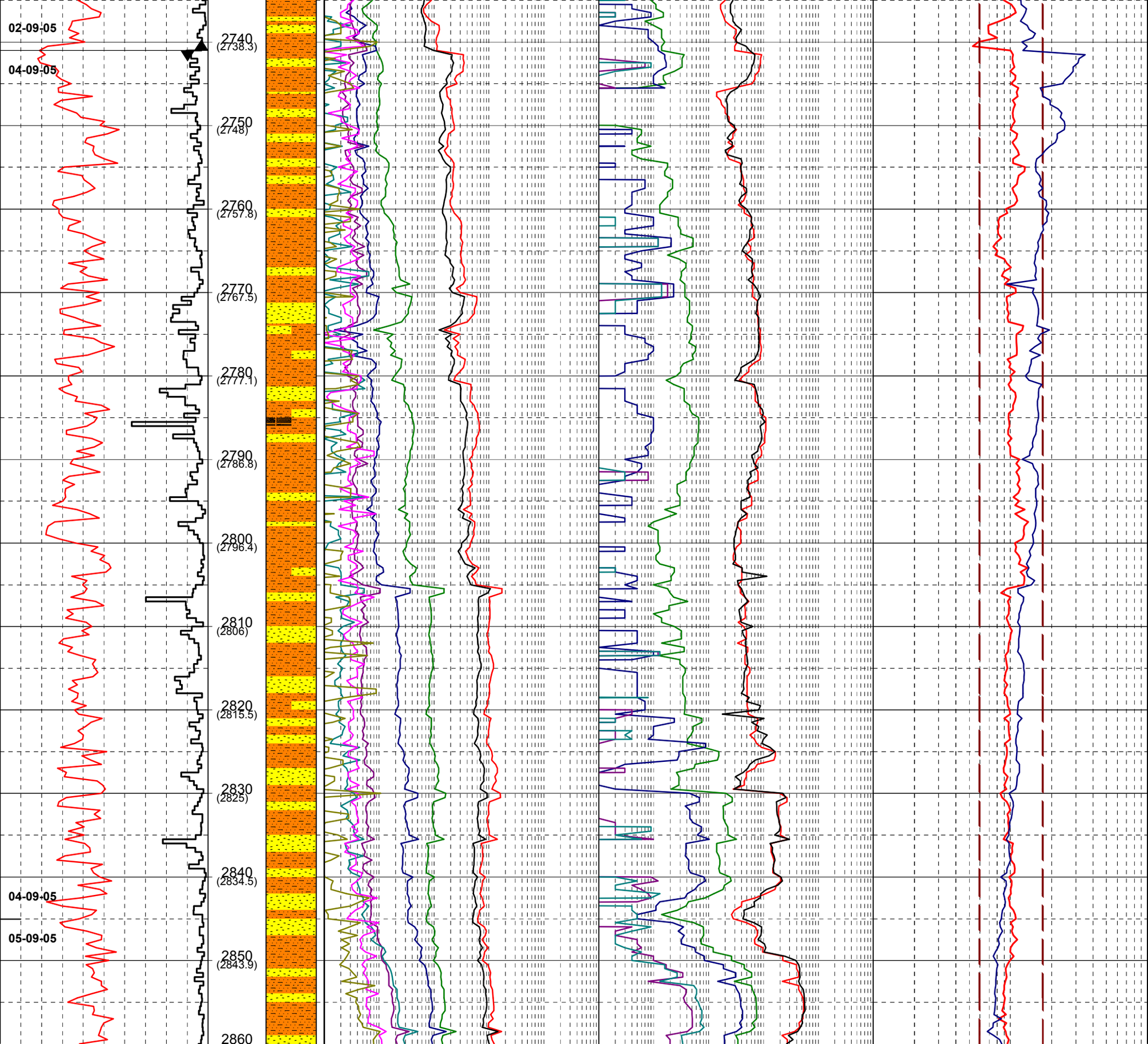
2730
(2728.5)


02-09-05
2740
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04-09-05
2750
(2748)
2760
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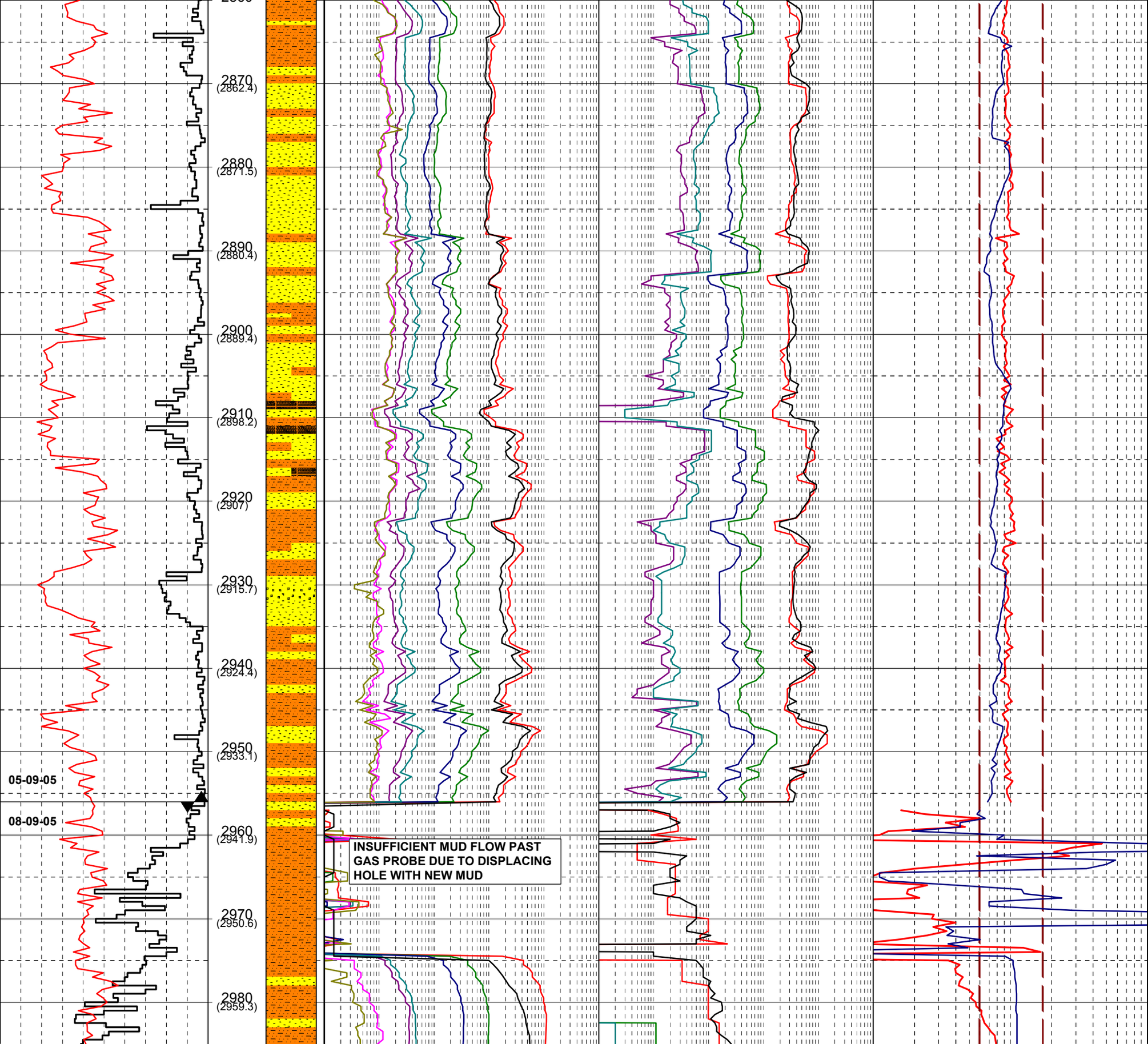
2770
(2767.5)
2780
(2777.1)
2790
(2786.8)
2800
(2796.4)
2810
(2806)
2820
(2815.5)
2830
(2825)
2840
(2834.5)
04-09-05
05-09-05
2850
(2843.9)
2860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2880
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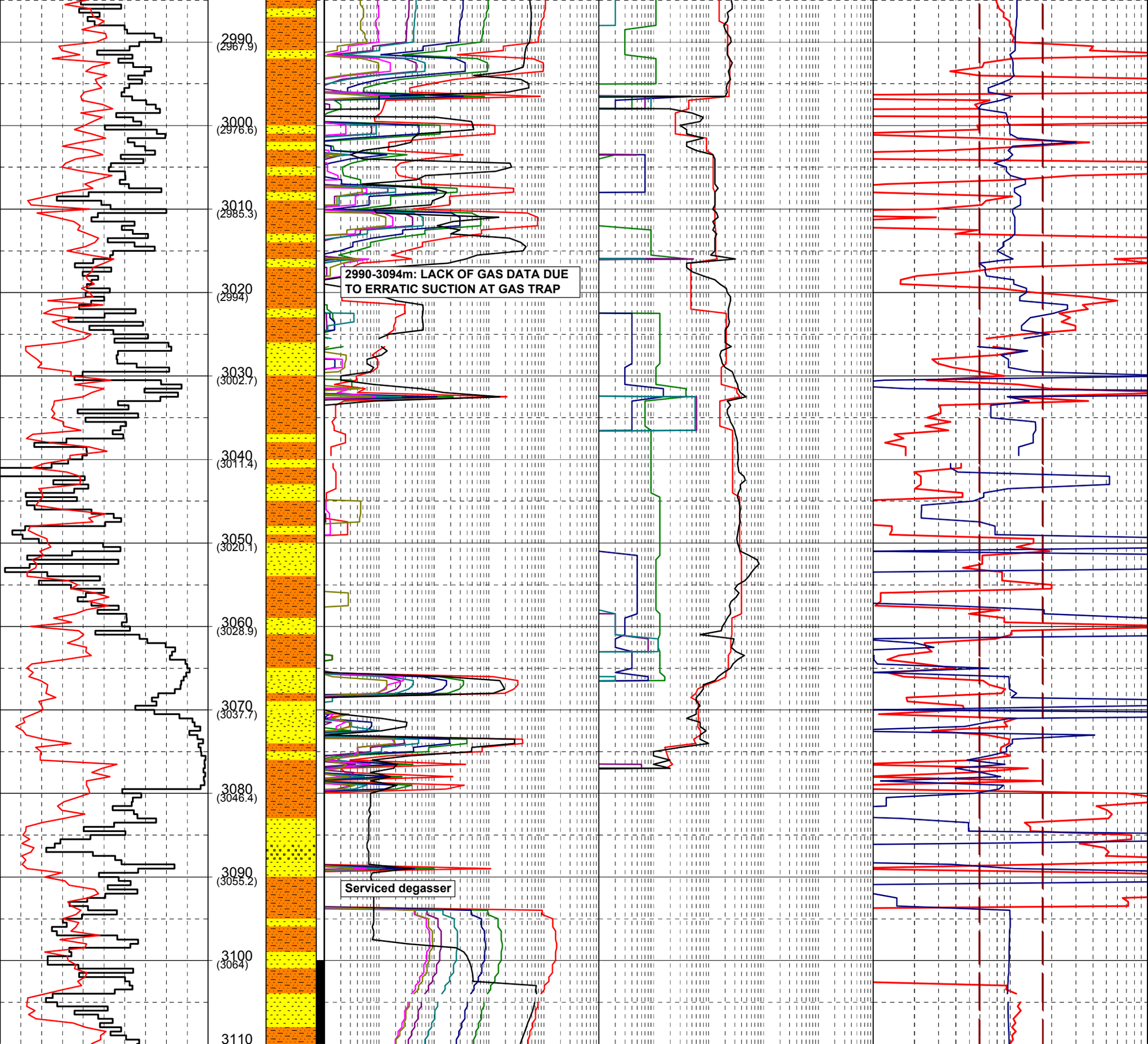
2890
(2880.4)
2900
(2889.4)
2910
(2898.2)
2920
(2907)
2930
(2915.7)
2940
(2924.4)
2950
(2933.1)
05-09-05
08-09-05
2960
(2941.9)
INSUFFICIENT MUD FLOW PAST
GAS PROBE DUE TO DISPLACING
HOLE WITH NEW MUD
2970
(2950.6)
2980
(2959.3)


2990
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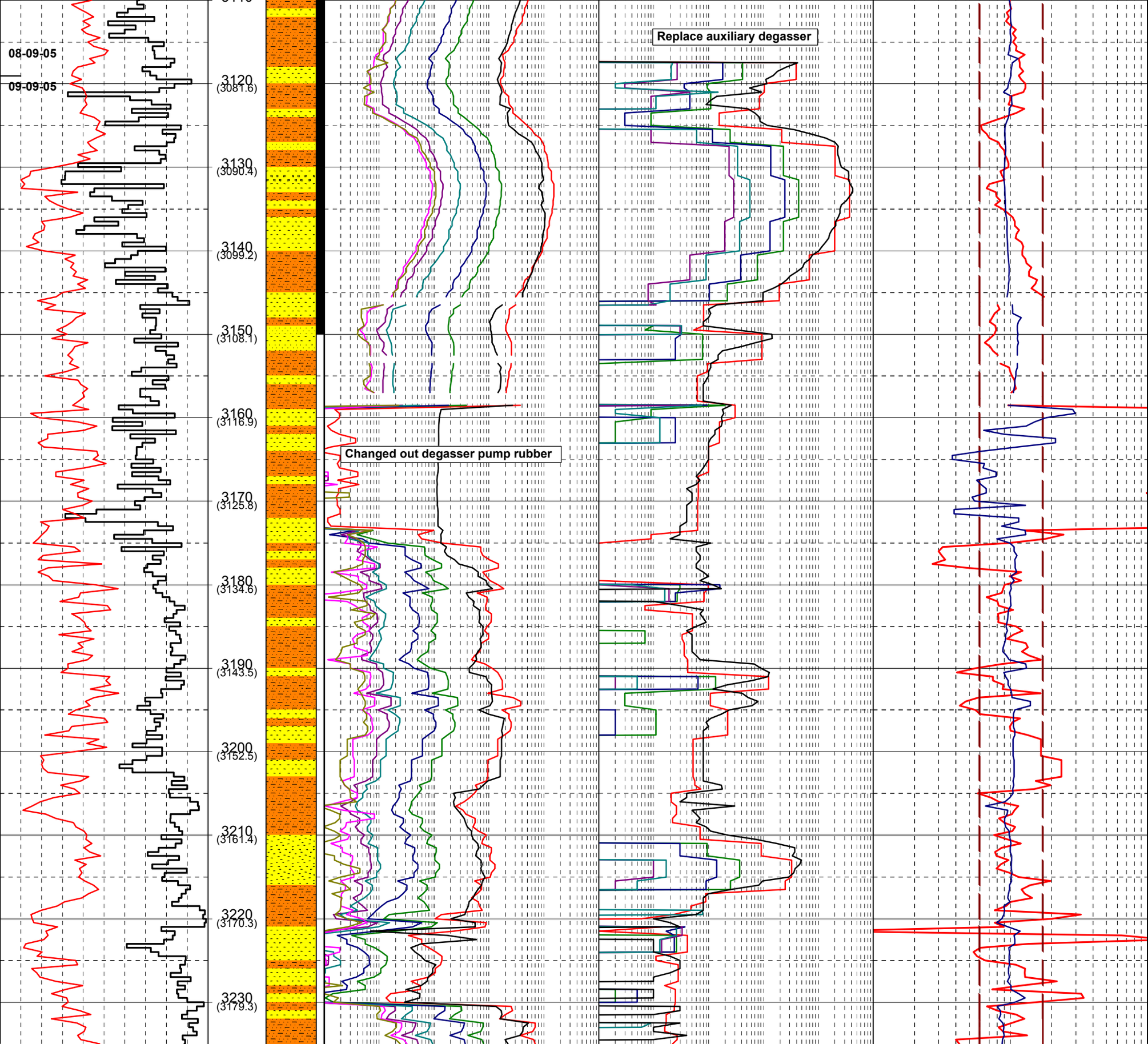
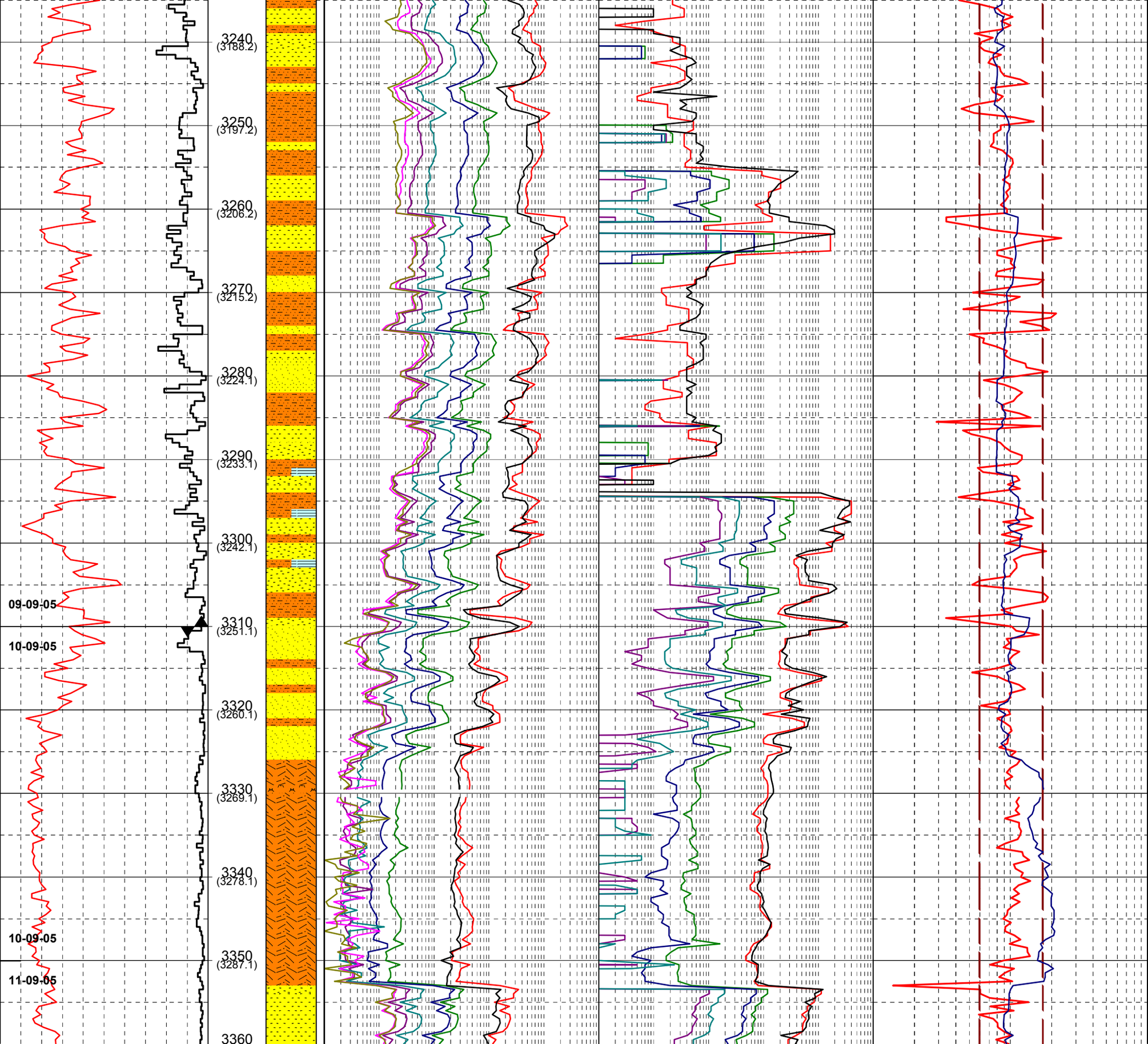
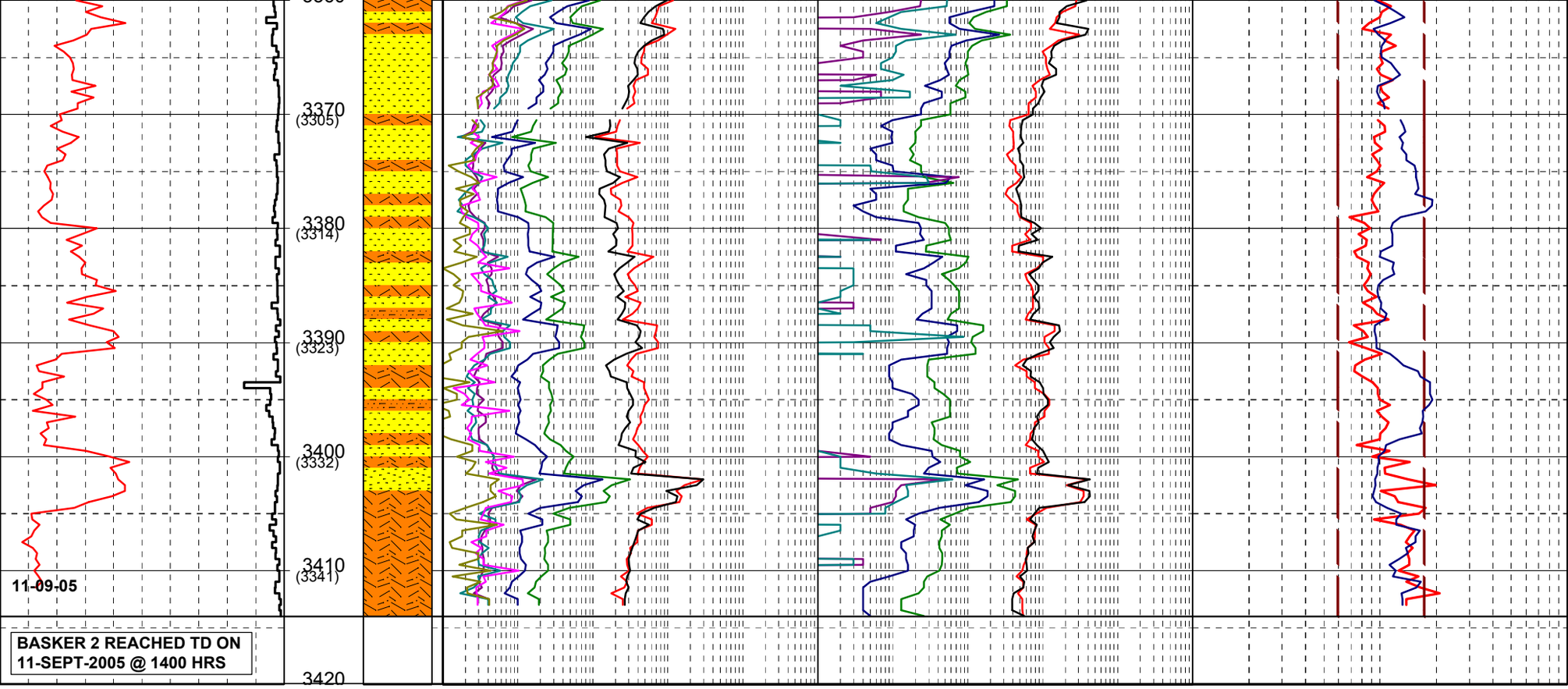
3000
(2976.6)
3010
(2985.3)
3020
(2994)
3030
(3002.7)
3040
(3011.4)
3050
(3020.1)
3060
(3028.9)
3070
(3037.7)
3080
(3046.4)
3090
(3055.2)
3100
(3064)
3110
2990-3094m: LACK OF GAS DATA DUE TO ERRATIC SUCTION AT GAS TRAP
Serviced degasser


08-09-05
09-09-05
3120
(3081.6)
3130
(3090.4)
3140
(3099.2)
3150
(3108.1)
3160
(3116.9)
3170
(3125.8)
3180
(3134.6)
3190
(3143.5)
3200
(3152.5)
3210
(3161.4)
3220
(3170.3)
3230
(3179.3)
Replace auxiliary degasser
Changed out degasser pump rubber


3240
(3188.2)
3250
(3197.2)
3260
(3206.2)
3270
(3215.2)
3280
(3224.1)
3290
(3233.1)
3300
(3242.1)
09-09-05
3310
(3251.1)
10-09-05
3320
(3260.1)
3330
(3269.1)
3340
(3278.1)
10-09-05
3350
(3287.1)
11-09-05
3360


3370
(3305)
3380
(3314)
3390
(3323)
3400
(3332)
3410
(3341)
11-09-05
BASKER 2 REACHED TD ON
11-SEPT-2005 @ 1400 HRS
3420