

25 Dec 2008

From: Rocco Rossouw/ Peter Sheehan
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	2396.0m	Cur. Hole Size	12.250in	AFE Cost	AUD\$51,857,377
Field	Otway	TVDBRT	2393.8m	Last Casing OD	13.375in	AFE No.	07/002
Drill Co.	Seadrill	Progress	130.5m	Shoe TVDBRT	987.0m	Daily Cost	AUD\$756,529
Rig	West Triton	Days from spud	12.00	Shoe MDBRT	987.0m	Cum Cost	AUD\$20,817,377
Wtr Dpth (MSL)	39m	Days on well	16.00	FIT/LOT:	/ 1.80sg		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Trouble shooting cyber system/draw works problem . Pulled out of hole to bit depth 920m.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Pick up BHA for correction run and RIH , drill ahead 12 1/4" hole		

Summary of Period 0000 to 2400 Hrs
Drilled 12 1/4" hole from 2266m to TD 2396m . POOH from 2396m to 1245m

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill	1	4 Days	Abandon rig drill.	All personnel mustered at life boats.	
First Aid Case		0 Days	Pinched finger	Finger jammed in door while closing . Minor bruising , first aid applied.	
JSA	9	0 Days	JSA's conducted for the day.		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.	
PTW issued	6	0 Days	PTW issued for the day.		
Safety Meeting	2	5 Days	Weekly safety meeting.		
STOP Card	24	0 Days	Stop cards submitted for the day.	13 positive 11 negative	
Time Out For Safety		0 Days	Moving loads	Discussion on hazards of moving X/O subs on rig floor. I.E pinch points	

Operations For Period 0000 Hrs to 2400 Hrs on 25 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D2	0000	1330	13.50	2396.0m	Drilled 12 1/4" hole from 2266m to 2396 m.
P7	P	D2	1330	1500	1.50	2396.0m	Circulated hole clean , 1.5 times bottom's up .
P7	P	E8	1500	1530	0.50	2396.0m	Took TD survey , down linked Schlumberger/Anadril MWD data.
P7	P	G8	1530	2030	5.00	2396.0m	POOH from 2396m to 1356m. Flow checked prior to commencing POOH. Pumped slug at 2101m.
P7	P	D6	2030	2130	1.00	2396.0m	At 1356m, 25k overpull , attempted to work string through , no success, made up TDS and backreamed from 1356m to 1333m. 60/80 rpm . 600 GPM. TDS washpipe leaking. Greased washpipe
P7	TP (RE)	G11	2130	2230	1.00	2396.0m	Cyber system/Draw works brake problem , brakes set at rotary table pick up point , unable to release . Trouble shoot and rectify .
P7	P	D6	2230	2300	0.50	2396.0m	Continued to backream from 1333m to 1303m. Attempted straight pull each stand , overpull increased each stand over first 10/20 m to 25k , repeated attempts to work string through with no success. 60/80 RPM 600 GPM.
P7	TP (RE)	D6	2300	2330	0.50	2396.0m	Continued backreaming from 1303m to 1274m , problem with cyber system floor saver / height calibration. Unable to run draw works at regular speed , 3 minutes to lower travelling blocks from racking board to rig floor. Continued POOH at reduced speed to casing shoe to correct problem.
P7	TP (RE)	D6	2330	2400	0.50	2396.0m	Continued backreaming from 1274m to 1245m at reduced speed due to cyber system error. Rebooted cyber chair P.C to correct system height adjustment error, no success. TDS washpipe leaking.

Operations For Period 0000 Hrs to 0600 Hrs on 26 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D6	0000	0300	3.00	2396.0m	Continued to backream out of hole from 1245m to 987m , casing shoe.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	TP (RE)	G11	0300	0330	0.50	2396.0m	At 1038m washpipe seals totally failed . Straight pull from 1038m to 987m 5/10k overpull.
P7	TP (RE)	G11	0330	0400	0.50	2396.0m	Attempted straight pull at 1067m , no success 25/30k overpull. Bit in casing shoe , trouble shot and re calibrated cyber system block height parameters.
P7	TP (RE)	G8	0400	0600	2.00	2396.0m	Replaced TDS wash pipe seal assembly. (IN PROGRESS) Pumped slug , continued to POOH 2 stands , re-occurring problem with cyber system/drawworks , travelling block speed okay for first 20m of stand then reverts to slow/crawl speed .Continued to trouble shoot problem.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 25 Dec 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	78.5	10 Dec 2008	13 Dec 2008	78.50	3.271	0.0m
Conductor Hole(P2)	28	13 Dec 2008	14 Dec 2008	106.50	4.438	119.0m
Conductor Casing(P3)	26.5	14 Dec 2008	15 Dec 2008	133.00	5.542	119.0m
Surface Hole(P4)	51	15 Dec 2008	17 Dec 2008	184.00	7.667	999.0m
Surface Casing(P5)	20	17 Dec 2008	18 Dec 2008	204.00	8.500	999.0m
BOPs/Risers(P6)	13	18 Dec 2008	19 Dec 2008	217.00	9.042	999.0m
Intermediate Hole (1)(P7)	167	19 Dec 2008	25 Dec 2008	384.00	16.000	2396.0m

General Comments

00:00 TO 24:00 Hrs ON 25 Dec 2008	
Operational Comments	West Triton Rig Equipment Concerns 1) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 2) Need new BOP test tool mandrel. Ordered on the 24/10/08. 3) TDS IBOP is required to be opened before being able to operate rotating head and link tilt functions. Ongoing intermittent issue.

WBM Data		Cost Today	
Mud Type: KCl / Polymer	API FL: 4.4cc/30min	Cl: 48000mg/l	Solids(%vol): 5%
Sample-From: 6	Filter-Cake: 1/32nd"	K+C*1000: 7%	Low-Gravity Solids: 3.7%vol
Time: 11:00	HTHP-FL: 10.6cc/30min	Hard/Ca: 380mg/l	H2O: 91%
Weight: 9.70ppg	HTHP-cake: 2/32nd"	MBT: 3	Oil(%): .5
Temp: 52C°		PM: 0.08	Sand: .5
		PF: 0.1	pH: 8.9
			PHPA: 2ppb
			Viscosity 48sec/qt
			PV 15cp
			YP 33lb/100ft²
			Gels 10s 14
			Gels 10m 22
			Fann 003 11
			Fann 006 13
			Fann 100 33
			Fann 200 42
			Fann 300 48
			Fann 600 63
Comment			

Bit # 4	Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:									
Size ("):	12.25in	IADC#	M432	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	REED-HYCALOG	WOB(avg)	13.00klb	No.	Size	Progress	130.5m	Cum. Progress	1370.5m
Type:	PDC	RPM(avg)	220	3	13/32nd"	On Bottom Hrs	11.3h	Cum. On Btm Hrs	83.3h
Serial No.:	212219	F.Rate	1000gpm	3	14/32nd"	IADC Drill Hrs	13.5h	Cum IADC Drill Hrs	97.2h
Bit Model	RSR616M-A10	SPP	2300psi			Total Revs	945	Cum Total Revs	1089
Depth In	1027.0m	HSI	5.26HSI			ROP(avg)	11.55 m/hr	ROP(avg)	16.45 m/hr
Depth Out		TFA	0.840						
Bit Comment									

BHA # 4							
Weight(Wet)	51.00klb	Length	151.4m	Torque(max)	11000ft-lbs	D.C. (1) Ann Velocity	299fpm
Wt Below Jar(Wet)	34.00klb	String	238.00klb	Torque(Off.Btm)	8000ft-lbs	D.C. (2) Ann Velocity	0fpm



Pick-Up	255.00klb	Torque(On.Btm)	8000ft-lbs	H.W.D.P. Ann Velocity	205fpm
Slack-Off	224.00klb			D.P. Ann Velocity	205fpm

BHA Run Description

BHA Run Comment Jar hrs 127

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.29m	12.25in		212219	
Near Bit Stab	2.08m	12.25in	2.88in	703984	
ARC8	5.92m	9.13in		1957	
Tele Scope	8.97m	11.75in		VR52	
SonicVISION 825	8.19m	11.25in		48648	
String Stabiliser	2.44m	12.19in	2.88in	OSS041163B	
Drill Collar	47.24m	8.25in	2.88in		
Drilling Jars	9.68m	8.00in		1762-1380	Jar hr's 127
Drill Collar	9.46m	8.25in	2.88in	5T8	
X/O	0.93m	8.25in	2.81in	SSSD7132	
HWDP	56.23m	5.50in	3.06in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2323.60	3.3	226.8	2320.75	-78.0	-78.0	-81.7	0.3	MWD
2382.70	3.4	228.5	2379.75	-80.3	-80.3	-84.3	0.2	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	240	212	0	230.0
Rig Fuel	m3	0	20	0	224.0
POTABLE WATER	MT	12	26	0	313.0
Cement class G	MT	0	0	0	131.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	42.0
Barite	MT	0	15	0	115.0
Brine	m3	48	63	0	53.0
Helifuel	ltr	2959	0	0	5,405.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National / 14 P-220	6.50	81.78	97	85	2300	1000	2337.0	30	280	175	40	300	233	50	400	292
2	National / 14 P-220	6.50	81.78	97								40	240	240	50	320	320
3	National / 14 P-220	6.50	81.78	97	85	2300	1000	2337.0	30	260	175	40	300	233	50	400	292

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	151.00m / 151.00m	
13.38	15.00ppg /	987.00m / 987.00m	

Personnel On Board

Company	Pax
ADA	4
Seadrill	12
Catering	9
Seadrill Services	33
Tamboritha	2
Halliburton	2
Halliburton - Cementing	2

Personnel On Board	
Baker Hughes Inteq	6
Beach Petroleum Ltd	1
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	4
Dril-Quip	2
Weatherford	6
Total	86

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer :			
Available	2315.0bbl	Losses	170.0bbl	Equipment	Description	Mesh Size	Comments
Active	397.0bbl	Downhole	0.0bbl				
Mixing		Surf+ Equip	170.0bbl				
Hole	1131.0bbl	Dumped					
Slug	46.0bbl	De-Gasser					
Reserve	741.0bbl	De-Sander					
Kill		De-Silting Centrifuge					

Marine							
Weather on 25 Dec 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	11kn	70.0deg	1006.0mbar	15C°	0.5m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		4098.00klb	1.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler	18.15 24/12/08		On location Fermat-1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		5			440.4
				Potable Water	m3		5			362
				Drill Water	m3			160		122
				Barite	Mt					
				CEMENT G	Mt					
				Bentonite	Mt					17
				Brine	m3					0
Pacific Valkyrie			On location Fermat-1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		0.88			277.8
				Potable Water	Mt		5			426
				Drill Water	m3					233
				Barite	Mt					0
				Bentonite	Mt					
				CEMENT G	Mt					