

DRILLING MORNING REPORT # 7
West Seahorse-3

28 Apr 2008

From: S Corless / R Rossouw
To: P Barrett

Well Data							
Country	Australia	MDBRT	1123.0m	Cur. Hole Size	17.500in	AFE Cost	US\$ 0
Field	West Seahorse	TVDBRT	1040.3m	Last Casing OD	30.000in	AFE No.	
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	122.0m	Daily Cost	US\$650,000
Rig	West Triton	Days from spud	4.82	Shoe MDBRT	122.0m	Cum Cost	US\$4,266,000
Wtr Dpth(MSL)	39.5m	Days on well	6.56	FIT/LOT:	/		
RT-ASL(MSL)	38.0m	Planned TD MD	1870.0m	Current Op @ 0600	Picking up well head to make up on 13 3/8" casing.		
RT-ML	77.5m	Planned TD TVDRT	1735.0m	Planned Op	Land out 13 3/8" casing, circulate to clean well and cement. Prepare and run BOP.		

Summary of Period 0000 to 2400 Hrs
POOH with 17 1/2" drilling assy, RIH with jetting string and jet landing collar. Rig up and run 13 3/8" casing to 854m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		1 Day	Abandon drill conducted.	Held abandon drill at 10:46 hours.	
Environmental Incident		67 Days	159 litres of BOP fluid spilt into sea.	Hose not connected to diverter overshot when line was pressurized	
Fire Drill		9 Days			
First Aid		29 Days			
Near Miss		16 Days	Dropping Travelling Blocks	While using talk back system driller leaned on joy stick thus causing travelling blocks to fall 1.5 meters and land on drill pipe that was in rotary table.	
PTW issued	7	0 Days		Permit to work issued for the day.	
Safety Meeting		2 Days		Weekly safety meeting held.	
STOP Card	40	0 Days		Stop cards submitted for the day.	
ToolBox Talk	5	0 Days	Held Tool box talk with crews for related tasks.	Held Pretour safety meetings with crews.	

Operations For Period 0000 Hrs to 2400 Hrs on 28 Apr 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	G8	0000	0230	2.50	1123.0m	Continue POOH from 1070m to 739m. Work tight spots at 1082m, 1076m, 994m & 759m to 739m. 35k lbs O/pull.
P7	P	G8	0230	0600	3.50	1123.0m	Pump 20bbl slug and continue POOH from 739m to 125m (top of DC's). Work tight spots from 739m to 543m. Up to 35k lbs O/pull.
P7	P	G10	0600	0630	0.50	1123.0m	Perform flowcheck, remove 10" diverter insert.
P7	P	G6	0630	0900	2.50	1123.0m	Continue POOH from 125m to surface. Lay out 8 1/4" DC, bit and stab.
P7	P	G16	0900	1030	1.50	1123.0m	Make up jet sub, RIH to 87m and jet landing collar. POOH jetting string and clear rig floor.
P5	P	G1	1030	1400	3.50	1123.0m	Hold PJSM, rig up to run 13 3/8" casing : R/U casing circulating tool, change bails, install 500T elevators and flush mounted slips. Remove diverter element.
P5	P	G9	1400	2400	10.00	1123.0m	Hold PJSM. Pick up shoe and float jnts and check floats. Bakerlock float to shoe joint. Run 13 3/8" casing as per tally to 854m. Install centralisers as per programme.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Apr 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	G9	0000	0200	2.00	1123.0m	Continue run 13 3/8" casing from 854m to 1029m.
P5	P	G9	0200	0230	0.50	1123.0m	Pick up MLS joint, back out and make up to 2000ft-lb. Change out flush mounted slips and master bushings.
P5	P	G9	0230	0330	1.00	1123.0m	Continue run 13 3/8" casing landing string from 1029m to 1091m.
P5	P	G1	0330	0530	2.00	1123.0m	Rig down casing circulating tool and change over to DP elevators/bails. Rig down casing spider.
P5	P	G9	0530	0600	0.50	1123.0m	Pick up well head assembly and prepare to make up on 13 3/8" casing.

Operations For Period Hrs to Hrs on							

Phase Data to 2400hrs, 28 Apr 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	35	22 Apr 2008	23 Apr 2008	35.00	1.458	0.0m
Surface Hole(P4)	12	23 Apr 2008	24 Apr 2008	47.00	1.958	125.0m
Conductor Casing(P3)	29	24 Apr 2008	25 Apr 2008	76.00	3.167	125.0m
BOPs/Risers(P6)	7.5	25 Apr 2008	25 Apr 2008	83.50	3.479	125.0m
Intermediate Hole (1)(P7)	60.5	25 Apr 2008	28 Apr 2008	144.00	6.000	1123.0m
Surface Casing(P5)	13.5	28 Apr 2008	28 Apr 2008	157.50	6.563	1123.0m

WBM Data								Cost Today			
Mud Type:	PHB	API FL:		Cl:	16000mg/l	Solids(%vol):	5%	Viscosity	40sec/qt		
Sample-From:	Flowline	Filter-Cake:	3/32nd"	K+C*1000:		H2O:	95%	PV	5cp		
Time:	20:00	HTHP-FL:		Hard/Ca:	1600mg/l	Oil(%):		YP	15lb/100ft ²		
Weight:	1.13sg	HTHP-cake:		MBT:	14	Sand:	0.4	Gels 10s	12		
Temp:	23C°			PM:	0.1	pH:	8	Gels 10m	14		
				PF:	0.05	PHPA:		Fann 003	11		
								Fann 006	12		
								Fann 100	15		
								Fann 200	18		
								Fann 300	20		
								Fann 600	25		
Comment	Compiled remaining mud into minimum number of pits, dumped and cleaned empty pits. Commenced mixing KCl/polymer mud.										

Bit # 2			Wear	I	O1	D	L	B	G	O2	R
				2	2	WT	A	E	I	BT	TD
Bitwear Comments:											
Size ("):	17.50in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run			
Mfr:	HUGHES	WOB(avg)	35.00klb	No.	Size	Progress	0.0m	Cum. Progress		998.0m	
Type:	Rock	RPM(avg)	100	3	20/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs		27.8h	
Serial No.:	6064689	F.Rate	1150gpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs		41.0h	
Bit Model	MXL-T1V	SPP	3100psi			Total Revs		Cum Total Revs		0	
Depth In	125.0m	HSI				ROP(avg)	N/A	ROP(avg)		35.90 m/hr	
Depth Out	1123.0m	TFA	0.920								
Bit Comment											

BHA # 2								
Weight(Wet)	70200.00klb	Length	238.7m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity		0fpm
Wt Below Jar(Wet)	38000.00klb	String	175.00klb	Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity		0fpm
		Pick-Up	202.00klb	Torque(On.Btm)	8000ft-lbs	H.W.D.P. Ann Velocity		0fpm
		Slack-Off	154.00klb			D.P. Ann Velocity		0fpm

BHA Run Description 17 1/2" bit, Mud Motor, 17" Stab, X/O, Float Sub, 3 x 8" Pony NMDC's, X/O, Powerpulse, 2 x 8" NMDC's, 5 x 8" DC's, 8" Drl Jars, 2 x 8" DC's, X/O, 12 x HWDP

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Bit	0.41m	17.50in				
Motor	10.10m					
Stabiliser	2.42m	17.00in				
X/O	1.23m					
Float Sub	0.80m					
NM pony collar	7.00m	8.00in				
X/O	0.47m					
Power Pulse	8.49m	8.25in				
NM Drill Collar	18.10m	8.00in				
Drill Collar	46.99m	8.25in				
Jar	9.68m	8.19in				
Drill Collar	18.90m	8.25in				
X/O	1.22m					
HWDP	112.84m					

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	0	0	364.0	
Rig Fuel	m3	0	5	0	103.0	
POTABLE WATER	MT	0	30	0	147.0	
Cement Class G	MT	0	0	0	113.0	
Bentonite	MT	0	0	0	42.0	
Barite	MT	0	4	0	91.0	

Pumps																	
Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (sg)	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	1.02	97					20		117	30		176	40		234
2	National 14 P-220	6.50	1.02	97					20		117	30		176	40		234
3	National 14 P-220	6.50	1.02	97					20		117	30		176	40		234

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	122.00m / 122.00m	

Personnel On Board	
Company	Pax
ADA	6
Seadrill	14
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes	4
Tamboritha	2
Halliburton	2
Dril-Quip	2
Weatherford	5
Q Tech	1
Schlumberger	5
Total	90

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
2839.7bbl	542.9bbl						
Active 525.0bbl	Downhole						
Mixing	Surf+ Equip 362.9bbl						
Hole 1478.7bbl	Dumped 180.0bbl						
Slug Reserve 836.0bbl	De-Gasser						
Kill	De-Sander						
	De-Silting Centrifuge						

Marine							
Weather on 28 Apr 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	28kn	245.0deg	1020.0mbar	6C°	0.5m	245.0deg	5s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
137.2deg	50.00klb	2350.00klb	1.5m	245.0deg	8s	Wave and swell heights are estimates.	
Comments							



Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler			Rig standby	Item	Unit	Used	Quantity
				Rig Fuel	m3		378.2
				Potable Water	Mt		433
				Drill Water	Mt		340
				CEMENT G	Mt		0
				Barite	Mt		66
				Bentonite	Mt		59
				MUD	m3		0
				m3			41
Pacific Valkyrie			Rig for Unload.	Item	Unit	Used	Quantity
				Rig Fuel	m3		385.75
				Potable Water	Mt		458
				Drill Water	m3		615
				CEMENT G	Mt		0
				Barite	Mt		82
				Bentonite	Mt		0
Campbell Cove		19.45 hrs	Released	Item	Unit	Used	Quantity
				FUEL	Ltrs		72000
				Potable Water	Ltrs		10700
SIRRUS COVE		19.45 hrs	Released	Item	Unit	Used	Quantity
				FUEL	Ltrs		23850
				Potable Water	Ltrs		17500

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1250 / 1306	9 / 7	