



DRILLING MORNING REPORT # 13
West Seahorse-3

04 May 2008

From: S Corless / R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	1810.0m	Cur. Hole Size	12.250in	AFE Cost	US\$ 0
Field	West Seahorse	TVDBRT	1684.0m	Last Casing OD	13.375in	AFE No.	
Drill Co.	Seadrill	Progress	418.0m	Shoe TVDBRT	1034.0m	Daily Cost	US\$750,000
Rig	West Triton	Days from spud	10.82	Shoe MDBRT	1117.0m	Cum Cost	US\$8,579,370
Wtr Dpth(MSL)	39.5m	Days on well	12.56	FIT/LOT:	1.64sg /		
RT-ASL(MSL)	38.0m	Planned TD MD	1870.0m	Current Op @ 0600	Rig up for Schlumberger wireline logs.		
RT-ML	77.5m	Planned TD TVDRT	1735.0m	Planned Op	Rig up and run Schlumberger logs as per programme.		

Summary of Period 0000 to 2400 Hrs
Drill 12 1/4" hole from 1392m to 1559mMD. Shut well in after driller detected 6bbl gain - no pressures. Open well, flowcheck, circ bottoms up - max gas 0.13%. Drill ahead from 1559m to 1810mMD - final TD of well. Circulate to clean well. POOH to 1530m.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	Abandon drill conducted.	For the drill LB# 1 was made to muster at their alternate station and then moved to their alternate LB.(# 3).
Environmental Incident		73 Days	159 litres of BOP fluid spilt into sea.	Hose not connected to diverter overshot when line was pressurized
Fire Drill	1	0 Days	Fire drill conducted	Fire was simulated in the emergency generator room.
First Aid		2 Days	Floorman received minor laceration	While working on the BOP a Floorman was struck in the face by a safety lanyard metal clip and received a small laceration on the right hand side of his nose.
Near Miss		2 Days	Tugger wire fell onto rig floor during installation	While changing out a damaged tugger wire. A "snake" joining the old and new wires together released just prior to going over the crown sheave. Both cables fell back down to the rig floor.
PTW issued	7	0 Days		Permit to work issued for the day.
Safety Meeting		1 Day		Weekly safety meeting held at 1300 saturday and 0045 on sunday morning,
STOP Card	47	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 04 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D4	0000	0300	3.00	1559.0m	Directionally drill 12-1/4" hole from 1392m to 1507mMD.
P11	P	D4	0300	0530	2.50	1559.0m	Control drill from 1507m - 1559mMD at 30m/hr for LWD logs.
P11	TP (WB)	P3	0530	0600	0.50	1559.0m	Investigate 6bbl gain observed by driller at same time as 0.27% gas peak (0.005% BGG) : Shut well in - no pressure on DP or casing side. Open well and flow check - no flow.
P11	TP (WB)	F4	0600	0630	0.50	1559.0m	Circulate bottoms up. Max gas 0.13%.
P11	P	D4	0630	1900	12.50	1810.0m	Drill ahead from 1559m - 1810mMD (TD), control drilling at 30m/hr.
P11	P	F4	1900	2200	3.00	1810.0m	Circulate hole clean at 1050gpm, 2000psi, 150rpm whilst reciprocating string.
P11	P	G8	2200	2400	2.00	1810.0m	Flowcheck (static). POOH 10 stnds wet from 1810m to 1530m wiping tight spots at 1610m, 1582m,1572m, 1533m. Pump slug.

Operations For Period 0000 Hrs to 0600 Hrs on 05 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	0000	0330	3.50	1810.0m	Continue POOH from 1530m to 30m. Rack back BHA to DC below jars. Flowcheck at shoe and top of BHA.
P11	P	G6	0330	0600	2.50	1810.0m	Lay out Schlumberger LWD and rotary steerable tools.

Operations For Period Hrs to Hrs on



Phase Data to 2400hrs, 04 May 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
Conductor Casing(P3)	29	24 Apr 2008	25 Apr 2008	64.00	2.667	125.0m
Surface Hole(P4)	31.5	23 Apr 2008	30 Apr 2008	95.50	3.979	1123.0m
Surface Casing(P5)	42	28 Apr 2008	30 Apr 2008	137.50	5.729	1123.0m
Intermediate Hole (1)(P7)	76	25 Apr 2008	01 May 2008	213.50	8.896	1123.0m
BOPs/Risers(P6)	31	25 Apr 2008	02 May 2008	244.50	10.188	1123.0m
Maintenance / Service(P27)	1.5	02 May 2008	02 May 2008	246.00	10.250	1123.0m
Production Hole (1)(P11)	55.5	02 May 2008	04 May 2008	301.50	12.563	1810.0m

WBM Data		Cost Today US\$ 19091	
Mud Type: KCl/Polymer	API FL: 5.8cc/30min	Cl: 36000mg/l	Solids(%vol): 5%
Sample-From: Flowline	Filter-Cake: 1/32nd"	K+C*1000: 8%	H2O: 92%
Time: 22:00	HTHP-FL: 8.3cc/30min	Hard/Ca: 280mg/l	Oil(%):
Weight: 1.16sg	HTHP-cake: 2/32nd"	MBT: 4	Sand: 0.8
Temp: 39C°		PM: 0.2	pH: 9
		PF: 0.15	PHPA: 2ppb
Comment	Continue to add sized calcium carbonate to active for minimized seepage losses. Treated active with 0.5ppb Soda Ash to reduce hardness, 1.3ppb Barablok to maintain concentration and 25kg Baracor 129 per 8 hours. Prepared 400bbl KCl/Polymer premix to maintain volume and mud properties.		
			Viscosity 44sec/qt
			PV 10cp
			YP 25lb/100ft²
			Gels 10s 10
			Gels 10m 14
			Fann 003 10
			Fann 006 12
			Fann 100 23
			Fann 200 32
			Fann 300 35
			Fann 600 45

Bit # 3		Wear	I	O1	D	L	B	G	O2	R
			2	1	CT	A	X	I	WT	TD
Bitwear Comments:										
Size ("):	12.25in	IADC#	M422	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr:	REED	WOB(avg)	10.00klb	No.	Size	Progress	418.0m	Cum. Progress	684.0m	
Type:	PDC	RPM(avg)	150	3	16/32nd"	On Bottom Hrs	13.4h	Cum. On Btm Hrs	19.0h	
Serial No.:	218662	F.Rate	1000gpm	3	15/32nd"	IADC Drill Hrs	18.0h	Cum IADC Drill Hrs	26.5h	
Bit Model	RSX 616M-A16	SPP	1900psi			Total Revs		Cum Total Revs	0	
Depth In	1123.0m	HSI				ROP(avg)	31.19 m/hr	ROP(avg)	36.00 m/hr	
Depth Out	1810.0m	TFA	1.107							

Bit Comment

BHA # 3	
Weight(Wet)	35.00klb
Wt Below Jar(Wet)	15.00klb
Length	173.3m
String	202.00klb
Pick-Up	260.00klb
Slack-Off	161.00klb
Torque(max)	13000ft-lbs
Torque(Off.Btm)	6000ft-lbs
Torque(On.Btm)	9000ft-lbs
D.C. (1) Ann Velocity	299fpm
D.C. (2) Ann Velocity	285fpm
H.W.D.P. Ann Velocity	205fpm
D.P. Ann Velocity	205fpm

BHA Run Description 12 1/4" Bit, PD900, PD Receiver, PD Flex Collar, GVR-8, Power Pulse, NMDC, DC, Jar, DC, x/o, 12 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.30m	12.25in		218662	
Power Drive Unit	4.20m	8.25in			
Power drive	1.57m	8.38in			PD Receiver
Power drive	2.95m	8.13in			PD flex collar
Gamma-Ray	4.22m	8.25in			GVR-8
Power Pulse	8.49m	8.25in			
NM Drill Collar	8.65m	8.00in			
Drill Collar	9.45m	8.25in			
Jar	9.68m	8.19in			
Drill Collar	9.44m	8.00in			
X/O	1.22m	8.25in			
HWDP	112.84m	7.25in			

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/S (m)	E/W (m)	DLS (deg/30m)	Tool Type
1540.81	13.0	64.1	0.00	0.0	0.0	0.0	0.0	
1570.48	10.6	59.5	1418.28	544.1	244.3	486.2	4.5	
1600.19	8.7	58.2	1447.32	550.2	247.1	491.6	2.6	
1629.88	8.7	58.2	1476.61	555.2	249.7	495.9	1.9	
1629.88	8.7	68.1	1505.96	559.6	251.7	499.9	1.5	
1658.96	8.6	72.8	1534.71	564.0	253.2	504.0	0.7	
1688.35	8.9	69.0	1563.76	568.4	254.6	508.2	0.7	
1717.96	8.6	61.4	1593.03	572.9	256.5	512.3	1.2	
1747.50	8.6	54.8	1622.23	577.3	258.9	516.0	1.0	
1777.39	8.7	54.9	1651.78	581.7	261.4	519.7	0.1	
1789.31	8.8	56.0	1663.57	583.5	262.5	521.2	0.5	
1810.00	8.8	56.0	1684.01	586.7	264.2	523.8	0.0	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	162	0	354.0
Rig Fuel	m3	0	7	0	245.0
POTABLE WATER	MT	0	29	0	317.0
Cement Class G	MT	0	0	0	81.0
Bentonite	MT	0	0	0	42.0
Barite	MT	0	0	0	142.0

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)	SPP1Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)	
1	National 14 P-220	6.50	1.02	97	85	1900	500	1060.0	30	180	176	40	200	234	50	250	293
2	National 14 P-220	6.50	1.02	97	85	1900	500	1060.0	30	175	176	40	200	234	50	240	293
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	8
Seadrill	13
Seadrill Services.	36
Catering	9
Halliburton	2
Baker Hughes	6
Halliburton	2
Dril-Quip	2
Weatherford	2
Q Tech	1
Schlumberger	12
Maersk	1
Petrotech	2
Total	96

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	3173.9bbl	Losses	269.4bbl	Equipment	Description	Mesh Size	Comments
Active	327.0bbl	Downhole	74.0bbl	Shaker 1	VSM-300	255	
Mixing	1248.0bbl	Surf+ Equip	195.4bbl	Shaker 2	VSM-300	145	
Hole	850.9bbl	Dumped		Shaker 3	VSM-300	255	
Slug Reserve	748.0bbl	De-Gasser		Shaker 4	VSM-300	255	
		De-Sander					
Kill		De-Silting Centrifuge					

Marine							
Weather on 04 May 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	18kn	320.0deg	1020.0mbar	10C°	0.5m	320.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
137.2deg	75.00klb	2921.00klb	1.5m	320.0deg	9s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler			At West Triton	Rig Fuel	m3		486.368
				Potable Water	Mt		381
				Drill Water	Mt		341
				CEMENT G	Mt		0
				Barite	Mt		66
				Bentonite	Mt		59
				MUD	m3		0
					m3		41
Pacific Valkyrie			On-route West Triton	Rig Fuel	m3		535.55
				Potable Water	Mt		381
				Drill Water	m3		458
				CEMENT G	Mt		87.8
				Barite	Mt		0
				Bentonite	Mt		28.8
Campbell Cove			Released	FUEL	Ltrs		72000
				Potable Water	Ltrs		10700
Sirrus Cove			Released	FUEL	Ltrs		23850
				Potable Water	Ltrs		17500