



DRILLING MORNING REPORT # 12
West Seahorse-3

03 May 2008

From: S Corless / R Rossouw
To: P Barrett

Well Data							
Country	Australia	MDBRT	1392.0m	Cur. Hole Size	12.250in	AFE Cost	US\$ 0
Field	West Seahorse	TVDBRT	1280.0m	Last Casing OD	13.375in	AFE No.	
Drill Co.	Seadrill	Progress	266.0m	Shoe TVDBRT	1034.0m	Daily Cost	US\$750,000
Rig	West Triton	Days from spud	9.82	Shoe MDBRT	1117.0m	Cum Cost	US\$7,829,370
Wtr Dpth(MSL)	39.5m	Days on well	11.56	FIT/LOT:	13.65sg /		
RT-ASL(MSL)	38.0m	Planned TD MD	1870.0m	Current Op @ 0600	Circulating bottoms up from 1559mMD to investigate 6bbl gain detected by driller.		
RT-ML	77.5m	Planned TD TVDRT	1735.0m	Planned Op	Drill ahead 12 1/4" hole.		

Summary of Period 0000 to 2400 Hrs
Wash and ream cement inside 13 3/8" csg from 468m to 1103m - tag plugs. Drill plugs, shoe track, rathole and 3m new formation. Perform FIT to 13.65ppg. Drill ahead 12 1/4" hole from 1126m to 1392mMD.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		6 Days	Abandon drill conducted.	Held abandon drill at 10:46 hours.	
Environmental Incident		72 Days	159 litres of BOP fluid spilt into sea.	Hose not connected to diverter overshot when line was pressurized	
Fire Drill		14 Days			
First Aid		1 Day	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		1 Day	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	9	0 Days		Permit to work issued for the day.	
Safety Meeting	1	0 Days	Held meeting for both day and night crews	Weekly safety meeting held at 1300 saturday and 0045 on sunday morning,	
STOP Card	29	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 03 May 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D1	0000	0530	5.50	1123.0m	Wash and ream cement inside 13 3/8" CSG from 468m to 1103m. Tag top of plugs above float collar at 1103m
P11	P	D1	0530	1300	7.50	1123.0m	Drill plugs and float collar from 1103m to 1104m. Very slow progress drilling through plugs - suspect plugs spinning on float collar. Vary parameters attempting to drill through plugs - WOB 10-30klb, 30-80rpm, 200-1000gpm, torque 200-6000ft-lbs. Displaced hole to new mud whilst drilling plugs.
P11	P	D1	1300	1400	1.00	1123.0m	Drill out shoe track (2-3klb WOB, 50rpm) and float shoe to 1117m. Clean out rathole to 1123m. Drill 3m new hole to 1126m. Pulled back inside 13-3/8" shoe.
P11	P	E1	1400	1530	1.50	1123.0m	Rig up side entry sub, TIW valve and cement line. Test lines to 2000psi. Close upper pipe rams and conduct FIT : 750psi surface pressure with 9.4ppg mud and shoe at 1034mTVD => 13.65ppg EMW without leak-off.
P11	P	D4	1530	2400	8.50	1392.0m	R/D side entry sub. Run back to bottom. Drill 12 1/4" hole from 1126m to 1392mMD as per DD requirements. Survey every stand.

Operations For Period 0000 Hrs to 0600 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.

Operations For Period Hrs to Hrs on



Phase Data to 2400hrs, 03 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)	31.5	02 May 2008	03 May 2008	277.50	11.563	1392.0m

WBM Data		Cost Today US\$ 4450	
Mud Type: KCl/Polymer	API FL: 5.8cc/30min	Cl: 41000mg/l	Solids(%vol): 3%
Sample-From: Pit#6	Filter-Cake: 3/32nd"	K+C*1000: 8%	H2O: 94%
Time: 23:59	HTHP-FL: 8.3cc/30min	Hard/Ca: 600mg/l	Oil(%):
Weight: 1.13sg	HTHP-cake: 2/32nd"	MBT: 2.5	Sand: 0.1
Temp: 37C°		PM: 0.1	pH: 8.5
		PF: 0.12	PHPA: 2ppb
Comment	Continue to weight new KCl/polymer mud with barite. Prepare 50bbl high vis spacer in slug pit prior to displacing to KCl/Polymer mud. Drill out cement with seawater, dumping returns overboard due to large amount of cement to be drilled.		
	Viscosity	48sec/qt	
	PV	11cp	
	YP	26lb/100ft²	
	Gels 10s	10	
	Gels 10m	14	
	Fann 003	10	
	Fann 006	12	
	Fann 100	25	
	Fann 200	32	
	Fann 300	37	
	Fann 600	48	

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	266.0m	Cum. Progress	266.0m	
Type:	PDC	RPM(avg)	150	3	16/32nd"	On Bottom Hrs	5.6h	Cum. On Btm Hrs	5.6h	
Serial No.:	218662	F.Rate	1000gpm	3	15/32nd"	IADC Drill Hrs	8.5h	Cum IADC Drill Hrs	8.5h	
Bit Model	RSX 616M-A16	SPP	1600psi			Total Revs		Cum Total Revs	0	
Depth In	1123.0m	HSI				ROP(avg)	47.50 m/hr	ROP(avg)	47.50 m/hr	
Depth Out	1810.0m	TFA	1.107							

BHA # 3	
Weight(Wet)	35.00klb
Wt Below Jar(Wet)	15.00klb
Length	173.3m
String	173.00klb
Pick-Up	207.00klb
Slack-Off	142.00klb
Torque(max)	13000ft-lbs
Torque(Off.Btm)	6ft-lbs
Torque(On.Btm)	9ft-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			
Power drive	2.95m	8.13in			PD Receiver
Gamma-Ray	4.22m	8.25in			PD flex collar
Power Pulse	8.49m	8.25in			GVR-8
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
1094.42	27.0	62.8	1014.78	355.6	159.7	317.8	0.0	
1143.32	25.9	63.9	1058.42	377.7	169.6	337.5	1.8	
1155.24	25.6	63.6	1069.16	382.9	171.9	342.1	0.8	
1184.95	25.4	62.4	1095.97	395.6	177.7	353.5	0.6	
1214.47	26.0	61.9	1122.57	408.4	183.7	364.8	0.6	
1244.37	27.0	60.7	1149.33	421.8	190.1	376.5	1.1	
1273.71	27.9	59.7	1175.37	435.3	196.8	388.3	1.0	
1303.22	28.1	60.5	1201.42	449.1	203.7	400.3	0.4	
1333.07	28.3	61.5	1227.73	463.2	210.5	412.6	0.5	
1362.30	28.2	62.6	1253.48	477.1	217.0	424.8	0.5	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	0	0	516.0
Rig Fuel	m3	100	6	0	252.0
POTABLE WATER	MT	0	27	0	346.0
Cement Class G	MT	0	0	0	81.0
Bentonite	MT	0	0	0	42.0
Barite	MT	0	8	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 (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	85	1600	500	1060.0	30	125	176	40	180	234	50	220	293
2	National 14 P-220	6.50	1.02	97	85	1600	500	1060.0	30	150	176	40	180	234	50	220	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	2962.9bbl	Losses	88.2bbl	Equipment	Description	Mesh Size	Comments
Active	260.0bbl	Downhole					
Mixing	1248.0bbl	Surf+ Equip	68.2bbl				
Hole	611.9bbl	Dumped					
Slug Reserve	843.0bbl	De-Gasser De-Sander					
Kill		De-Sifter Centrifuge	20.0bbl				

Marine

Weather on 03 May 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	16kn	270.0deg	1025.0mbar	10C°	0.5m	270.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
137.2deg	75.00klb	2860.00klb	1.5m	270.0deg	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 Geelong	Rig Fuel	m3		351.432
				Potable Water	Mt		422
				Drill Water	Mt		77
				CEMENT G	Mt		0
				Barite	Mt		66
				Bentonite	Mt		59
				MUD	m3		0
					m3		41
Pacific Valkyrie			Along side at West Triton	Rig Fuel	m3		254.02
				Potable Water	Mt		298
				Drill Water	m3		615
				CEMENT G	Mt		0
				Barite	Mt		82
				Bentonite	Mt		0
Campbell Cove			Released	FUEL	Ltrs		72000
				Potable Water	Ltrs		10700
SIRRUS COVE			Released	FUEL	Ltrs		23850
				Potable Water	Ltrs		17500

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
Helimed 1	Air Ambulance Victoria	1628 / 1642	0 / 1	Medivac for ill welder