



DRILLING MORNING REPORT # 6
BAZZARD-1

23 Sep 2008

From: B. Openshaw / R. Rossouw
To: R. Oliver135000

Well Data							
Country	Australia	MDBRT	763.0m	Cur. Hole Size	16.000in	AFE Cost	AUD\$16,336,000
Field	Bazzard	TVDBRT	763.0m	Last Casing OD	30.000in	AFE No.	53007D01
Drill Co.	Seadrill	Progress	609.0m	Shoe TVDBRT	151.0m	Daily Cost	AUD\$696,558
Rig	West Triton	Days from spud	3.02	Shoe MDBRT	151.0m	Cum Cost	AUD\$4,053,207
Wtr Dpth (MSL)	68.000m	Days on well	5.21	FIT/LOT:	/		
RT-MSL	38.000m	Planned TD MD	3500.000m	Current Op @ 0600	Drilling 16in hole at 820m.		
RT-ML	106.000m	Planned TD TVDRT	3500.000m	Planned Op	Drill ahead 16in to TD of section at approx 1025m. POOH to run 13.375in Csg.		

Summary of Period 0000 to 2400 Hrs
Made up 16in BHA, performed shallow test and continued RIH tagging cement at 149m. Drilled 20in shoe and rathole to 154m and drilled ahead 16in hole to 763m.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		5 Days	Held at 10.40 hours.	Abandon ship drill prior to rig move. Good response by all crews.
BOP Test	1	2 Days	Pressure tested Bop's.	21 Days - 12 Oct 08
First Aid Case		27 Days	Third Party received small laceration to top of right thumb.	
Incident		2 Days	Pinion gear on TDS fell to rig floor.	A pinion gear, weighing 14kg, off the rotating head on the TDS sheared its shaft and fell 3m to the rig floor. Nobody on rig floor at the time.
PTW issued	4	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Pre-tow meeting	Pre-tow meeting to discuss towing operations with related parties.
Safety Meeting		3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	21	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 23 Sep 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	G6	0000	0100	1.00	154.0m	Continued make up 16in BHA.
P4	P	F3	0100	0130	0.50	154.0m	Picked up first stnd HWDP and performed shallow test with 900gpm and 1850psi.
P4	P	G6	0130	0200	0.50	154.0m	Continued RIH with HWDP from 118m and tagged top of cement at 149m.
P4	P	D1	0200	0230	0.50	154.0m	Drilled out shoe at 151m and cement down to 154m. Good, firm cement.
P4	P	D2	0230	1730	15.00	643.0m	Drilled ahead 16in hole from 154m to 643m, pumping 50bbl hi-vis sweep every stand.
P4	P	G11	1730	1800	0.50	643.0m	Serviced TDS.
P4	P	D2	1800	2400	6.00	763.0m	Continued drilling 16in hole from 643m to 763m pumping 50bbl hi-vis sweep every stand.
Inclination at 725m = 2.0deg and at 755m = 2.8deg. Cut back WOB after 755m to 10 - 12klbs for one stand resulting in an inclination at 785m of 0.33deg.							

Operations For Period 0000 Hrs to 0600 Hrs on 24 Sep 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0600	6.00	820.0m	Drilled ahead 16in hole from 763m to 820m, pumping 50bbl hi-vis sweep every stand.
Inclination at 755m = 2.8deg. After cutting back WOB to 10-12klbs for one stand, the inclination dropped down to 0.33deg at 785m. Continued drilling with normal weight (28klbs) again for one stand to verify effect of WOB on inclination - inclination at 820m = 0.22deg. Continued drilling with normal WOB.							

Phase Data to 2400hrs, 23 Sep 2008							
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth	
Mob/Demob(P1)	43	18 Sep 2008	20 Sep 2008	43.00	1.792	0.0m	



Phase Data to 2400hrs, 23 Sep 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Conductor Hole(P2)	18.5	20 Sep 2008	21 Sep 2008	61.50	2.563	154.0m
Conductor Casing(P3)	21	21 Sep 2008	22 Sep 2008	82.50	3.438	154.0m
Surface Hole(P4)	42.5	22 Sep 2008	23 Sep 2008	125.00	5.208	763.0m

General Comments	
00:00 TO 24:00 Hrs ON 23 Sep 2008	
Operational Comments	Hours on Jar serial No. 1762 1371 WT: 21 hrs
Operational Comments	<p>West Triton Rig Equipment Concerns</p> <ol style="list-style-type: none"> 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. Pinion gear has sheared its shaft and broken off. 2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 3) Link tilt clamps slipping on bails - need to rectify this issue. 4) Number 4 main generator down. Exciter and generator sent ashore. 5) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 6) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 7) Remote controller for Iron Roughneck not operational _ new one on order. 8) Battery charger on Port crane not operational. 9) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 10) Large pressure discrepancy on operating pressure for annular between rig floor and unit.

WBM Data		Cost Today AUD\$ 4199		
Mud Type: Pre-hydrated Bentonite	API FL: 18.0cc/30min	Cl: 2100mg/l	Solids(%vol): 2%	Viscosity 180sec/qt
Sample-From: Pit #5	Filter-Cake: 2/32nd"	K+C*1000:	H2O: 98%	PV 11cp
Time: 23:40	HTHP-FL:	Hard/Ca: 160mg/l	Oil(%):	YP 72lb/100ft²
Weight: 8.70ppg	HTHP-cake:	MBT: 34	Sand:	Gels 10s 41
Temp: 20C°		PM: 0.6	pH: 9.5	Gels 10m 49
		PF: 0.12	PHPA:	Fann 003 39
Comment	Prepare further 450bbl, 2.5ppb Guar Gum with seawater in pit #1 for extra sweep volume. Dilute PHB with seawater prior to pumping as sweeps. Pump 50bbl high viscosity PHB/Guar Gum sweep per stand while drilling.			Fann 006 46
				Fann 100 72
				Fann 200 79
				Fann 300 83
				Fann 600 94

Bit # 2			Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:											
Size ("):	16.00in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run			
Mfr:	Hughes	WOB(avg)	18.00klb	No.	Size	Progress	609.0m	Cum. Progress		609.0m	
Type:	Rock	RPM(avg)	160	3	20/32nd"	On Bottom Hrs	12.0h	Cum. On Btm Hrs		12.0h	
Serial No.:	6065181	F.Rate	1110gpm			IADC Drill Hrs	21.0h	Cum IADC Drill Hrs		21.0h	
Bit Model	GXC-1V	SPP	2700psi			Total Revs		Cum Total Revs		0	
Depth In	154.0m	HSI				ROP(avg)	50.75 m/hr	ROP(avg)		50.75 m/hr	
Depth Out		TFA	0.920								
Bit Comment											

BHA # 2							
Weight(Wet)	60.00klb	Length	231.0m	Torque(max)	9000ft-lbs	D.C. (1) Ann Velocity	164fpm
Wt Below Jar(Wet)	34.00klb	String	156.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	148fpm
		Pick-Up	157.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	121fpm



Slack-Off	155.00klb	D.P. Ann Velocity	121fpm
BHA Run Description 16" bit, bit sub c/w float, Power pulse, Sonic Vision 900, 15.87" stab, 9.5" DC, 15.87" stab, 9.5" DC, X/O, 3 x 8.5" DC, Jar, 8" DC, X/O, 15 x HWDP.			

BHA Run Comment					
Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m			66065181	
Bit Sub	1.23m	9.50in	3.00in		
Power Pulse	8.82m	9.25in	4.25in		
Sonic 6	7.63m	9.62in	4.25in		
String Stabiliser	1.71m	15.87in	3.00in		
Drill Collar	9.45m	9.50in	3.00in		
String Stabiliser	2.26m	15.87in	3.00in		
Drill Collar	9.41m	9.56in	3.20in		
X/O	1.22m	9.50in	3.50in		
Drill Collar	28.34m	8.50in	3.00in		
Jar	9.68m	8.00in	3.37in		
Drill Collar	9.44m	8.00in	3.37in		
X/O	0.93m	8.18in	3.50in		
HWDP	140.80m	5.50in	3.66in		

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
195.00	0.9							
341.00	0.0							
370.00	0.4							
399.00	0.5							
458.00	0.3							
488.00	0.6							
518.00	0.6							
607.00	0.3							
634.00	0.1							
698.00	0.3							
725.00	2.0							
755.00	2.8							
785.00	0.3							

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	131	0	317.0	
Rig Fuel	m3	0	13	0	227.0	
POTABLE WATER	MT	10	29	0	224.0	
Cement class G	MT	0	0	0	4.0	
Bentonite	MT	0	13	0	39.0	
Barite	MT	0	0	0	65.0	
Brine	m3	0	0	0	10.0	
BLENDED CEMENT	MT	0	0	0	43.0	

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)	SPP1Flow1 (psi)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	8.51	97	95	2800	550		20		117	30	176	40		234
2	National 14 P-220	6.50	8.51	97	95	2800	550		20		117	30	176	40		234
3	National 14 P-220	6.50	8.51	97					20		117	30	176	40		234



Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	151.00m / 151.00m	

Personnel On Board	
Company	Pax
ADA	4
Seadrill	15
Seadrill Services.	33
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	4
Halliburton - Sperry	2
Tamboritha	2
Dril-Quip	3
OPC	1
Schlumberger MWD/LWD	3
Weatherford	6
Schlumberger (Wireline)	3
Ian Brown	2
Total	89

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Gerald Lange/Tim Waldhuter			
Available		Losses		Equipment	Description	Mesh Size	Comments
Active Mixing	2547.0bbl	Downhole Surf+ Equip	0.0bbl	Shaker 1	VSM-300	89	
				Shaker 1	VSM-300	89	
Hole Slug Reserve	2360.0bbl	Dumped De-Gasser De-Sander		Shaker 2	VSM-300	89	
				Shaker 2	VSM-300	89	
Kill Guar Gum	187.0bbl	De-Silting Centrifuge		Shaker 3	VSM-300	89	
				Shaker 3	VSM-300	89	
				Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	

Marine							
Weather on 23 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	24kn	270.0deg	1018.0mbar	12C°	2.1m	240.0deg	6s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
133.5deg	220.00klb	2578.00klb	2.5m	240.0deg	7s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks							
				Item	Unit	Used	Quantity				
Pacific Battler			At rig.	Rig Fuel	m3		337.8				
				Potable Water	Mt		90				
				Drill Water	Mt		90				
				CEMENT G	Mt		42				
				Barite	Mt		42				
				Bentonite	Mt		18				
				SOBM	m3		110				
				Brine	m3		119				
				Pacific Valkyrie			At Geelong	Rig Fuel	m3		567
								Potable Water	Mt		300
Drill Water	m3		0								
CEMENT G	Mt		42.7								
Barite	Mt		70								
Bentonite	Mt		0								
SOBM	m3		0								
Base Oil	m3		0								
Brine	m3		120								



Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1226 / 1248	4 / 5	Weatherford