

21 Sep 2008

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

Well Data							
Country	Australia	MDBRT	154.0m	Cur. Hole Size	36.000in	AFE Cost	AUD\$16,336,000
Field	Bazzard	TVDBRT	0.0m	Last Casing OD		AFE No.	Case 1: Rev B
Drill Co.	Seadrill	Progress	47.6m	Shoe TVDBRT		Daily Cost	AUD\$834,140
Rig	West Triton	Days from spud	1.02	Shoe MDBRT	151.8m	Cum Cost	AUD\$2,680,332
Wtr Dpth (MSL)	68.000m	Days on well	3.21	FIT/LOT:	/		
RT-MSL	38.000m	Planned TD MD	3500.000m	Current Op @ 0600	Picking up 5.5" DP from catwalk.		
RT-ML	106.000m	Planned TD TVDRT	3500.000m	Planned Op	Continue picking up approx 800m DP, make up 18.75" wellhead assy. Pick up 16" BHA.		

Summary of Period 0000 to 2400 Hrs

Waited on slack tide and continued spudding well. Drilled to 154m, swept and filled hole with gel mud and performed wiper trip. Displaced a further 200bbl gel mud to hole and POOH laying down bit, H / opener and Anderdrift tool. Rigged up and ran 30" conductor to 151.8m. Made up Icon clamp above CTU and cut conductor above clamp. Laid out excess conductor and RIH with cement stinger.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		3 Days	Held at 10.40 hours.	Abandon ship drill prior to rig move. Good response by all crews.	
BOP Test	1	0 Days	Pressure tested BOPs.	21 Days - 12 Oct 08	
First Aid Case		25 Days	Third Party received small laceration to top of right thumb.		
Incident		0 Days	Pinion gear on TDS fell to rig floor.	A pinion gear of the rotating head on the TDS , weighing 14kg, sheared its shaft and fell 5m to the rig floor. Nobody on rig floor at the time.	
PTW issued	15	0 Days		Permit to work issued for the day.	
Safety Meeting		4 Days	Pre-tow meeting	Pre-tow meeting to discuss towing operations with related parties.	
Safety Meeting		1 Day	Weekly safety meeting	Weekly safety meeting	
STOP Card	19	0 Days		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 21 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G25	0000	0100	1.00	112.0m	POOH to 109m and waited on slack tide to improve drillstring angle.
P2	P	D2	0100	0500	4.00	154.0m	Drilled ahead from 109m using very low weights (1.5Klbs) to 121m pumping 75bbl hi-vis sweep at 113m. Took survey at 121m - 1.5 deg. Continued drilling with very low weight from 121m to 154m pumping 75bbl hi-vis sweeps at every single. Took survey at 152m - 1 deg.
P2	P	F3	0500	0530	0.50	154.0m	Pumped 150bbl hi-vis sweep and then displaced hole with 200bbl prehydrated bentonite.
P2	P	G8	0530	0600	0.50	154.0m	Performed wiper trip to 109m and back to bottom - OK.
P2	P	F3	0600	0630	0.50	154.0m	Pumped 200bbl prehydrated gel to displace hole.
P2	P	G9	0630	0830	2.00	154.0m	POOH and laid down bit, hole opener and Anderdrift tool.
P3	P	G1	0830	1000	1.50	154.0m	Rigged up to run 30" conductor.
P3	P	G9	1000	1700	7.00	154.0m	Held PJSM and ran 30" conductor casing to 151.8m
P3	P	G9	1700	2030	3.50	154.0m	Made up Icon clamp on CTU and torqued up same.
							Incident: At approx 20h00, pinion gear of rotating head broke off TDS and fell 5m to rig floor - see HSE section of this report.
P2	P	G9	2030	2130	1.00	154.0m	Cut 30" conductor 2m above Icon clamp and laid down first joint of conductor.
P2	TP (RE)	G9	2130	2200	0.50	154.0m	Reposition and tighten link tilt clamps on bail arms due to slippage.
P3	P	G9	2200	2300	1.00	154.0m	Laid down last jnt of conductor casing, rigged down W/ford and rigged up for 5.5" DP.
P3	P	G1	2300	2400	1.00	154.0m	RIH with stinger and cementing head assy.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Sep 2008



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G1	0000	0130	1.50	154.0m	Continued RIH with stinger, broke circulation and stung into 20" shoe at 151m. Filled 30" conductor with seawater to check integrity of stinger seals.
P3	P	F3	0130	0330	2.00	154.0m	Cemented 30" conductor. No seabed observation due to suitcase ROV unable to cope with sea conditions. Pumped 10bbl seawater and pressure tested lines to 1000psi. Pumped 110bbl seawater ahead. Mixed and pumped 240bbl class G cement at 15.9ppg. Displaced cement with 10bbl seawater - final pumping pressure at end of displacement: 140psi. Checked for backflow - negative - unstung and flushed stinger with further 10bbl seawater. Rigged down lines on rig floor.
P3	TP (RE)	G1	0330	0400	0.50	154.0m	Unable to unscrew TDS from top of cementing head stand due to failure of rotating head gear. Broke out pipe from TDS using rig tongs.
P3	P	G1	0400	0530	1.50	154.0m	POOH cement stinger and racked back same.
P4	P	G2	0530	0600	0.50	154.0m	Held PJSM and commenced picking up 5.5" DP from catwalk.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 21 Sep 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	38.5	18 Sep 2008	20 Sep 2008	38.50	1.604	0.0m
Conductor Hole(P2)	24.5	20 Sep 2008	21 Sep 2008	63.00	2.625	154.0m
Conductor Casing(P3)	14	21 Sep 2008	21 Sep 2008	77.00	3.208	154.0m

General Comments

00:00 TO 24:00 Hrs ON 21 Sep 2008

Operational Comments	West Triton Rig Equipment Concerns
	<p>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.</p> <p>2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order.</p> <p>3) Link tilt clamps slipping on bails - need to rectify this issue.</p> <p>4) Number 4 main generator down. Exciter and generator sent ashore.</p> <p>5) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).</p> <p>6) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration.</p> <p>7) Remote controller for Iron Roughneck not operational _ new one on order.</p> <p>8) Battery charger on Port crane not operational.</p> <p>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.</p> <p>10) Large pressure discrepancy on operating pressure for annular between rig floor and unit.</p>

WBM Data		Cost Today AUD\$ 7721							
Mud Type:	Pre-hydrated Bentonite	API FL:	18.0cc/30min	Cl:	2300mg/l	Solids(%vol):	2%	Viscosity	200sec/qt
Sample-From:	Pit #3	Filter-Cake:	2/32nd"	K+C*1000:		H2O:	98%	PV	20cp
Time:	23:00	HTHP-FL:		Hard/Ca:	280mg/l	Oil(%):		YP	70lb/100ft²
Weight:	8.70sg	HTHP-cake:		MBT:	36	Sand:		Gels 10s	55
Temp:	22C°			PM:	0.5	pH:	9	Gels 10m	60
				PF:	0.12	PHPA:		Fann 003	52
Comment	Pump 75bbl high viscosity sweeps each single from pit #5 as programmed. Pump 150bbl PHB sweep at TD and the displace hole with 200bbl PHB mud. Returns to seabed. After wiper trip, circulate seawater and displace hole with 200bbl PHB. Commence mixing PHB for next section. Received 40 MT Bentonite from Valkyrie.							Fann 006	55
								Fann 100	70
								Fann 200	85
								Fann 300	90
								Fann 600	110



Bit # 1				Wear	I	O1	D	L	B	G	O2	R
					1	1	WT	A	NB	I	NO	TD
				Bitwear Comments:								
Size ("):	26.00in	IADC#	1-1-1	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	REED	WOB(avg)	3.00klb	No.	Size	Progress	47.6m	Cum. Progress		47.6m		
Type:	Rock	RPM(avg)	70	1	16/32nd"	On Bottom Hrs	2.6h	Cum. On Btm Hrs		2.6h		
Serial No.:	Q34406	F.Rate	1100gpm	3	22/32nd"	IADC Drill Hrs	4.0h	Cum IADC Drill Hrs		4.0h		
Bit Model	Y11C	SPP	1400psi				Total Revs			Cum Total Revs		
Depth In	106.4m	HSI					ROP(avg)	18.31 m/hr	ROP(avg)		18.31 m/hr	
Depth Out	154.0m	TFA	1.310									
Bit Comment												

BHA # 1							
Weight(Wet)	38.00klb	Length	123.0m	Torque(max)	2000ft-lbs	D.C. (1) Ann Velocity	46fpm
Wt Below Jar(Wet)		String	98.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	44fpm
		Pick-Up		Torque(On.Btm)	1500ft-lbs	H.W.D.P. Ann Velocity	42fpm
		Slack-Off				D.P. Ann Velocity	42fpm

BHA Run Description 26"bit, 36" H/O, Float sub, Anderdrift, 2 x 9.5" DC's, x-over, 4 x 81/4" DC's, x-over, 6 x HWDP.

BHA Run Comment							
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.58m	26.00in		34406			
Hole Opener	2.65m	36.00in					
Float Sub	1.23m	9.50in					
Pulser	3.35m	9.44in	3.00in	ADB9113			
Drill Collar	18.86m	9.50in	3.06in				
X/O	1.22m	9.50in	3.00in	7124			
Drill Collar	37.80m	8.25in	2.88in				
X/O	0.93m	8.25in	2.81in	7131			
HWDP	56.36m	5.50in	3.25in				

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance		
Drill Water	MT	0	109	0	212.0		
Rig Fuel	m3	110	13	0	253.0		
POTABLE WATER	MT	115	23	0	258.0		
Cement class 'G'	MT	0	0	0	52.0		
Bentonite	MT	40	17	0	46.0		
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 (sg)	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	1.02	97	102	1650	600		20		117	30		176	40	234	
2	National 14 P-220	6.50	1.02	97	102	1650	600		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 "	/	152.00m / 152.00m	

Personnel On Board	
Company	Pax
ADA	4
Seadrill	14
Seadrill Services.	36
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	2
Halliburton - Sperry	2
Tamboritha	4
Dril-Quip	3
OPC	2
Schlumberger MWD/LWD	3
Weatherford	2
ROV-UIS	1
Total	84

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Gerald Lange/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1384.3bbl	927.3bbl	Shaker 1	VSM-300	89			
Active 336.0bbl	Downhole	Shaker 1	VSM-300	89			
Mixing	Surf+ Equip 0.0bbl	Shaker 2	VSM-300	89			
Hole 198.3bbl	Dumped 927.3bbl	Shaker 2	VSM-300	89			
Slug Reserve 850.0bbl	De-Gasser	Shaker 3	VSM-300	89			
Kill	De-Sander	Shaker 3	VSM-300	89			
	De-Silting Centrifuge	Shaker 4	VSM-300	89			
		Shaker 4	VSM-300	89			

Marine							
Weather on 21 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	207.0deg	1002.0mbar	15C°	1.0m	240.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
133.5deg	150.00klb	2211.00klb	1.5m	240.0deg	4s	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		347.7
				Potable Water	Mt		450
				Drill Water	Mt		90
				CEMENT G	Mt		42
				Barite	Mt		42
				Bentonite	Mt		42
				SOBM	m3		110
				Brine	m3		119
				Pacific Valkyrie			En route Geelong
Potable Water	Mt		205				
Drill Water	m3		0				
CEMENT G	Mt		0				
Barite	Mt		70				
Bentonite	Mt		0				
SOBM	m3		0				
Base Oil	m3		0				
Brine	m3		0				