



05 Oct 2008

From: Bill Openshaw / Peter Dane  
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	3287.0m	Cur. Hole Size	12.250in	AFE Cost	AUD\$16,336,000
Field	Bazzard	TVDBRT	3287.0m	Last Casing OD	13.375in	AFE No.	53007D01
Drill Co.	Seadrill	Progress	111.0m	Shoe TVDBRT	841.0m	Daily Cost	AUD\$647,478
Rig	West Triton	Days from spud	15.02	Shoe MDBRT	841.0m	Cum Cost	AUD\$12,761,334
Wtr Dpth (MSL)	67.900m	Days on well	17.21	FIT/LOT:	/ 1.80sg		
RT-MSL	38.500m	Planned TD MD	3500.000m	Current Op @ 0600	Pulling out of hole.		
RT-ML	106.400m	Planned TD TVDRT	3500.000m	Planned Op	POOH to surface and change out bit. RIH and drill ahead with 12.25in hole to TD.		

Summary of Period 0000 to 2400 Hrs
Drilled 12.25in hole from 3176m to 3287m. POOH wet from 3287m to 3246m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		8 Days	Held at 10.40 hours.	Abandon ship drill prior to rig move. Good response by all crews.	
Behavioural Audit	1	0 Days			
BOP Test	1	9 Days	Pressure tested Bop's.	21 Days - 17 Oct 08	
First Aid Case		10 Days	Third Party received knock on mouth.		
Incident		14 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.	
JSA	9	0 Days			
Pre-tour Meeting	2	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.	
PTW issued	4	0 Days		Permit to work issued for the day.	
Safety Meeting		1 Day	Weekly safety meeting	Weekly safety meeting	
STOP Card	30	0 Days		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 05 Oct 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D2	0000	0730	7.50	3222.0m	Drilled 12.25in hole from 3176m to 3222m. Average parameters: ROP 6.1 m/hr, RPM 137-176, WOB 13-35, GPM 1100, SPM 190, 3055 psi, Torque 7-17 k/ft.lbs. Varied parameters to optimise ROP.
P7	TP (RE)	G11	0730	0830	1.00	3222.0m	Flow checked well. Well static. IBOP valve interlock failed which resulted in both pop off valves on mud pumps #1 and #3 activating. Unable to reset, changed out both pop off valves.
P7	P	D2	0830	1200	3.50	3244.0m	Drilled 12.25in hole from 3222m to 3244m. Average parameters: ROP 6.3 m/hr, RPM 157-178, WOB 19-31, GPM 1100, SPM 190, 3060 psi, Torque 10-15 k/ft.lbs. Varied parameters to optimise ROP.
P7	P	D2	1200	1800	6.00	3276.0m	Drilled 12.25in hole from 3244m to 3276m. Average parameters: ROP 5.3 m/hr, RPM 160-176, WOB 12-32, GPM 1100, SPM 190, 3060 psi, Torque 8-15 k/ft.lbs. Varied parameters to optimise ROP.
P7	P	D2	1800	2300	5.00	3287.0m	Drilled 12.25in hole from 3276m to 3287m. Average parameters: ROP 2.2 m/hr, RPM 140-158, WOB 21-28, GPM 1100, SPM 190, 3040 psi, Torque 9-16 k/ft.lbs. Varied parameters to optimise ROP.
P7	P	G8	2300	2400	1.00	3287.0m	Held JSA, prepared for POOH. Flow checked well. Well static. POOH wet from 3287m to 3246m. Hole condition good.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Oct 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	0000	0100	1.00	3287.0m	POOH wet from 3246m to 2950m. Hole in good condition.
P11	P	F3	0100	0130	0.50	3287.0m	Flow checked well. Well static. Pumped 25 bbls of 12.2 ppg slug and chased with 10.0 ppg mud.
P11	P	G8	0130	0600	4.50	3287.0m	POOH with 5.5in drill pipe from 2950m to 820m. Hole in good condition

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 05 Oct 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
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)	58.5	22 Sep 2008	24 Sep 2008	141.00	5.875	850.0m
Surface Casing(P5)	20	24 Sep 2008	25 Sep 2008	161.00	6.708	850.0m
BOPs/Risers(P6)	29	25 Sep 2008	26 Sep 2008	190.00	7.917	850.0m
Production Hole (1)(P11)	151	26 Sep 2008	02 Oct 2008	341.00	14.208	2859.0m
Intermediate Hole (1)(P7)	72	03 Oct 2008	05 Oct 2008	413.00	17.208	3287.0m

**General Comments**

00:00 TO 24:00 Hrs ON 05 Oct 2008

Operational Comments	Hours on Jar serial No. 1762 1371 WT: 87 hrs
<b>Operational Comments</b>	<p>West Triton Rig Equipment Concerns</p> <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 &amp; 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) Lo-torque valve on cement manifold are of poor quality and cannot be relied on when pressure testing. These valves should be replaced.</p>

**WBM Data Cost Today AUD\$ 3083**

Mud Type: KCl/Polymer	API FL: 5.2cc/30min	Cl: 36000mg/l	Solids(%vol): 7%	Viscosity PV	47sec/qt
Sample-From: Pit #6	Filter-Cake: 1/32nd"	K+C*1000: 7%	Low-Gravity Solids:	YP	16cp
Time: 20:25	HTHP-FL:	Hard/Ca: 2000mg/l	H2O: 90%	Gels 10s	44lb/100ft²
Weight: 10.10ppg	HTHP-cake:	MBT: 7.5	Oil(%):	Gels 10m	15
Temp: 110C°		PM:	Sand:	Fann 003	14
		PF: 0.05	pH: 8.5	Fann 006	16
			PHPA: 1ppb	Fann 100	42
				Fann 200	52
				Fann 300	60
				Fann 600	76

Comment continued to treat system.

Bit # 4	Wear	I	O1	D	L	B	G	O2	R	
										Bitwear Comments:
Size ("):	12.25in	IADC#	M422	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr:	REED	WOB(avg)	27.00klb	No.	Size	Progress	111.0m	Cum. Progress		428.0m
Type:	PDC	RPM(avg)	165	8	13/32nd"	On Bottom Hrs	18.3h	Cum. On Btm Hrs		39.8h
Serial No.:	116432	F.Rate	1100gpm			IADC Drill Hrs	18.3h	Cum IADC Drill Hrs		40.1h
Bit Model	RSR816M-A1	SPP	3000psi			Total Revs		Cum Total Revs		0
Depth In	2859.0m	HSI				ROP(avg)	6.07 m/hr	ROP(avg)		10.75 m/hr
Depth Out		TFA	1.037							



Bit Comment

**BHA # 4**

Weight(Wet)	54.00klb	Length	230.0m	Torque(max)	16000ft-lbs	D.C. (1) Ann Velocity	329fpm
Wt Below Jar(Wet)	27.00klb	String	304.00klb	Torque(Off.Btm)	12000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	331.00klb	Torque(On.Btm)	9000ft-lbs	H.W.D.P. Ann Velocity	225fpm
		Slack-Off	284.00klb			D.P. Ann Velocity	225fpm

BHA Run Description 12.25" bit, bit sub c/w float, ARC-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12" stab, 4 x 8.5" DC, Jar, 8" DC, X/O, 15 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.28m	12.25in		211760	
Bit Sub	1.22m	8.25in	2.80in		
ARC8	5.92m	8.31in		YA81	
Power Pulse	8.48m	8.37in		VR52	
SonicVISION 825	7.72m	8.31in		VE75	
ADN 8	8.21m	8.12in		42736	
Drill Collar	37.75m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in		
Drill Collar	9.44m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	140.81m	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
3173.00	0.6							
3203.64	0.7							
3262.52	1.1							
3262.74	1.1							

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	65	0	78.0
Rig Fuel	m3	0	25	0	204.0
POTABLE WATER	MT	10	27	0	285.0
Cement class G	MT	0	0	0	63.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	12	0	61.0
Brine	m3	0	25	19	58.0
BLENDED CEMENT	MT	0	0	0	43.0
Helifuel	litres	0	10	0	4,153.0

**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)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	9.51	97	94	3000	550	3127.0	30	300	176	40	350	234	50	400	293
2	National 14 P-220	6.50	9.51	97					30		176	40		234	50		293
3	National 14 P-220	6.50	9.51	97	94	3000	550	3127.0	30	290	176	40	330	234	50	400	293

**Casing**

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	151.00m / 151.00m	
13.38	15.02ppg /	841.00m / 841.00m	Utilising MLS hanger for 13.375" casing.



Personnel On Board	
Company	Pax
ADA	4
Seadrill	13
Seadrill Services.	33
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	7
Halliburton	2
Tamboritha	2
Schlumberger MWD/LWD	3
Ian Brown	2
REED	1
Schlumberger (Wireline)	8
<b>Total</b>	<b>86</b>

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/Tim Waldhuter			
Available	2665.6bbl	Losses	205.0bbl	Equipment	Description	Mesh Size	Comments
Active	358.0bbl	Downhole		Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	205.0bbl	Shaker 1	VSM-300	255	
Hole	1691.6bbl	Dumped		Shaker 2	VSM-300	255	
Slug Reserve	616.0bbl	De-Gasser		Shaker 2	VSM-300	255	
		De-Sander		Shaker 3	VSM-300	255	
Kill		De-Silting		Shaker 3	VSM-300	255	
		Centrifuge		Shaker 4	VSM-300	255	
				Shaker 4	VSM-300	255	

Marine							
Weather on 05 Oct 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	280.0deg	1003.0mbar	14C°	0.3m	240.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
133.5deg	310.00klb	2372.00klb	1.3m	240.0deg	4s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler			At rig	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		1.5			
Potable Water	m3		5				450			
Drill Water	m3						0			
CEMENT G	Mt	41					83			
Barite	Mt	42					42			
Bentonite	Mt	42					60			
SOBM	m3						0			
Brine	m3		29				0			
Pacific Valkyrie			Enroute to rig	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		2				463			
Potable Water	Mt		5				330			
Drill Water	m3						133			
CEMENT G	Mt						0			
Barite	Mt						35			
Bentonite	Mt						0			
SOBM	m3						0			
Base Oil	m3						0			
Brine	m3						0			