

23 Jun 2008

From: S De Freitas/ R Rossouw  
To: R Oliver

Well Data							
Country	Australia	MDBRT	749.0m	Cur. Hole Size	22.000in	AFE Cost	AUD\$81,987,600
Field	Longtom	TVDBRT	749.0m	Last Casing OD	30.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	375.0m	Shoe TVDBRT	128.8m	Daily Cost	AUD\$655,800
Rig	West Triton	Days from spud	2.94	Shoe MDBRT	128.8m	Cum Cost	AUD\$11,004,100
Wtr Dpth(MSL)	57.3m	Days on well	4.63	FIT/LOT:	/		
RT-ASL(MSL)	39.9m	Planned TD MD	5919.0m	Current Op @ 0600	POOH with 22in bit at 128m.		
RT-ML	97.2m	Planned TD TVDRT	2699.0m	Planned Op	Complete POOH, rig up and run 16in casing and cement same.		

Summary of Period 0000 to 2400 Hrs
Drilled ahead 22in hole from 374m to 749m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		4 Days	Held at 19.20 hours.	Rig alarms activated. OIM continued with full muster. On investigation no problem found.	
First Aid Case		2 Days	First aid case.	Night chef received small laceration when opening box in galley.	
Incident		3 Days	Near miss - Roustabout stepped into open grating	A roustabout was removing chains and fastenings from equipment on the portside of the cantilever deck walkway when he walked into a hatch which had been left open. He managed to stop himself falling through to the next level.	
PTW issued	11	0 Days		Permit to work issued for the day.	
Safety Meeting		1 Day		Weekly safety meeting held at 0045 Sunday morning and 1300 on Sunday .	
STOP Card	26	0 Days		Stop cards submitted for the day.	
ToolBox Talk	4	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 23 Jun 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	2400	24.00	749.0m	Drilled 22in hole from 374m to 749m using seawater and 3 x 50bbl PHG sweeps during every stand. Formation firming up. Increase WOB 10 -20kbs and then 25kbs, RPM 140 - 160, TQ 2-5k ft-lbs, 1200 gpm, 2400psi, 15 m/hr varying parameters to reduce surface vibrations. No excess drag on connections. Take MWD survey every 90 m - all less than 1 degree.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Jun 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0030	0.50	755.0m	Drilled 22in hole from 749m to 755m - TD of section.
P4	P	F3	0030	0100	0.50	755.0m	Swept hole with 150bbl bentonite mud and then displaced hole with 395bbl bentonite mud followed by 723bbl inhibited mud from previous well.
P4	P	D6	0100	0300	2.00	755.0m	Commenced POOH with 22in drilling assy. Encountered 30kbs O/pull at 741m. Worked pipe first without rotation, then connected TDS and backreamed slowly using inhibited mud at 60gpm pump volume. Worked through tight spot from 741m to 726m. POOH to 668m - taking 30kbs O/pull. Connected TDS and worked through tight spot at 668m.
P4	P	G8	0300	0400	1.00	755.0m	Continued to POOH from 668m to 391m.
P4	TP (RE)	G11	0400	0500	1.00	755.0m	Repaired hydraulic hose on TDS link tilt.
P4	P	G8	0500	0600	1.00	755.0m	Coninued to POOH with 22in bit from 391m to 128m.

Phase Data to 2400hrs, 23 Jun 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	35	19 Jun 2008	20 Jun 2008	35.00	1.458	0.0m
Conductor Hole(P2)	10.5	20 Jun 2008	21 Jun 2008	45.50	1.896	132.8m
Conductor Casing(P3)	19.5	21 Jun 2008	22 Jun 2008	65.00	2.708	132.8m



Phase Data to 2400hrs, 23 Jun 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Surface Hole(P4)	46	22 Jun 2008	23 Jun 2008	111.00	4.625	749.0m

General Comments	
00:00 TO 24:00 Hrs ON 23 Jun 2008	
<b>Operational Comments</b>	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting on operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore.
<b>Operational Comments</b>	***FINAL POSITION***: Lat 38deg 06' 17.701" South, Long 148deg 19' 59.9442" East, Rig heading 24.11deg T. Position 5.24m at 328.29deg T from intended location.
<b>Operational Comments</b>	Spud Can Penetrations: Port - 1.24m, Bow - 1.24m, Stbd - 1.14m
<b>Operational Comments</b>	Air gap: 17m, RT - Sea level: 39.9m, RT - Sea bed: 97.03, Water depth: 57.1m. Time of observation: 01h20 on 21 June 2008.
<b>Operational Comments</b>	Link tilt clamps slipping on bails. Unable to resolve satisfactorily.

WBM Data		Cost Today				
Mud Type:	PHB	API FL:	CI:	Solids(%vol):	Viscosity	155sec/qt
Sample-From:	Pit 8	Filter-Cake:	K+C*1000:	H2O:	PV	20cp
Time:	20:00	HTHP-FL:	Hard/Ca:	Oil(%):	YP	70lb/100ft <sup>2</sup>
Weight:	1.15sg	HTHP-cake:	MBT:	Sand:	Gels 10s	55
Temp:	25C°		PM:	pH:	Gels 10m	60
			PF:	PHPA:	Fann 003	52
					Fann 006	55
					Fann 100	75
					Fann 200	85
					Fann 300	90
					Fann 600	110
Comment						

Bit # 2RR			Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:											
Size ("):	23.00in	IADC#	115	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>		<b>Calculated over Bit Run</b>			
Mfr:	SMITH	WOB(avg)	20.00klb	No.	Size	Progress	375.0m	Cum. Progress	616.2m		
Type:	Rock	RPM(avg)	140	1	15/32nd"	On Bottom Hrs	20.7h	Cum. On Btm Hrs	26.6h		
Serial No.:	MZ3173	F.Rate	1200gpm	3	22/32nd"	IADC Drill Hrs	24.0h	Cum IADC Drill Hrs	32.5h		
Bit Model	XR+C	SPP	2300psi			Total Revs		Cum Total Revs	0		
Depth In	132.8m	HSI				ROP(avg)	18.12 m/hr	ROP(avg)	23.17 m/hr		
Depth Out		TFA	1.286								
Bit Comment											

BHA # 2							
Weight(Wet)	47.00klb	Length	213.4m	Torque(max)	7000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	30.00klb	String	148.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	149.00klb	Torque(On.Btm)	4000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	148.00klb			D.P. Ann Velocity	0fpm
BHA Run Description	22" bit, Float, Power Pulse, 1x 9.5" DC, 22" Stab, 1x 9.5" DC, 22" Stab, 1x 9.5" DC, X/O, 1x 8.25" DC, Jar, 1x 8.25" DC, X/O, 15x HWDP.						
BHA Run Comment							

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.58m	22.00in		MZ3173	
Float Sub	1.23m	9.50in			
Power Pulse	8.84m	9.63in			
Drill Collar	9.44m	9.63in			
Stabiliser	2.21m	22.00in			
Drill Collar	9.18m	9.63in			



Equipment	Length	OD	ID	Serial #	Comment
Stabiliser	2.11m	22.00in			
Drill Collar	9.41m	9.63in			
X/O	0.47m	9.50in			
Drill Collar	9.44m	8.38in			
Jar	9.60m	8.00in			
Drill Collar	9.41m	8.38in			
X/O	0.50m	8.25in			
HWDP	140.96m	5.50in			

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
531.80	0.9		531.78	3.7	3.7	0.0	0.8	
651.70	0.4		651.67	5.1	5.1	0.0	0.4	
750.40	0.7		750.37	6.0	6.0	0.0	0.3	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	188	0	122.0	
Rig Fuel	m3	0	10	0	169.0	
POTABLE WATER	MT	220	27	0	336.0	
Cement Class G	MT	40	0	0	124.0	
Bentonite	MT	0	7	0	45.0	
Barite	MT	0	0	0	166.0	

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)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.00	97	100	2400	600		30		176	40		234	50		293
2	National 14 P-220	6.50	1.00	97	100	2400	600		30		176	40		234	50		293
3	National 14 P-220	6.50		97					30		176	40		234	50		293

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	128.80m / 128.80m	168bbl class G at 15.9ppg, 200% excess.

Personnel On Board	
Company	Pax
ADA	5
Seadrill	11
Seadrill Services.	43
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	6
Q Tech	1
Cameron	1
Schlumberger MWD/LWD	2
ROV Inspection Systems	1
Dril-Quip	1
Weatherford	5
<b>Total</b>	<b>91</b>



Available		Losses		Equipment	Description	Mesh Size	Comments
Active Mixing	1726.0bbl	Downhole Surf+ Equip	2200.0bbl	Shaker 1	VSM-300	255	
Hole Slug Reserve	863.0bbl	Dumped De-Casser De-Sander		Shaker 2	VSM-300	255	
Kill KCL/Polymer	863.0bbl	De-Silter Centrifuge		Shaker 3	VSM-300	255	
				Shaker 4	VSM-300	255	

**Marine**

Weather on 23 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	23kn	245.0deg	1023.0mbar	12C°	1.0m	245.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg		2401.00klb	2.4m	230.0deg	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 Geelong	Rig Fuel	m3		276.8
				Potable Water	Mt		435
				Drill Water	Mt		460
				CEMENT G	Mt		40
				Barite	Mt		33
				Bentonite	Mt		0
					bbl		1500
					bbl		0
Pacific Valkyrie	18h35		At rig	Rig Fuel	m3		548.5
				Potable Water	Mt		229
				Drill Water	m3		729
				CEMENT G	Mt		0
				Barite	Mt		42.5
				Bentonite	Mt		34.8