

22 Jun 2008

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

Well Data							
Country	Australia	MDBRT	374.0m	Cur. Hole Size	22.000in	AFE Cost	AUD\$81,987,600
Field	Longtom	TVDBRT	374.0m	Last Casing OD	30.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	241.2m	Shoe TVDBRT	128.8m	Daily Cost	AUD\$637,300
Rig	West Triton	Days from spud	1.94	Shoe MDBRT	128.8m	Cum Cost	AUD\$10,348,300
Wtr Dpth(MSL)	57.0m	Days on well	3.63	FIT/LOT:	/		
RT-ASL(MSL)	40.0m	Planned TD MD	5919.0m	Current Op @ 0600	Drilling ahead 22in hole at 465m		
RT-ML	97.0m	Planned TD TVDRT	2699.0m	Planned Op	Drill ahead 22in hole to final TD of approx. 755m displace hole to mud and POOH for 16in casing.		

Summary of Period 0000 to 2400 Hrs
Broke out 30in running tool from landing string, installed 18.75in running tool and racked back same. Picked up 22in BHA and RIH to 30in wellhead at seabed. Attempted unsuccessfully to stab into wellhead blind - unable to launch ROV. Finally launched suitcase ROV but could not hold station. Launched Tamboritha ROV - experienced soft start failure on hyd. Launched suitcase ROV again and managed to stab into wellhead using ROV visuals. Drilled cement and shoe. Drilled 22in hole from 132m to 374m.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		3 Days	Held at 19.20 hours.	Rig alarms activated. OIM continued with full muster. On investigation no problem found.
First Aid Case		1 Day	First aid case.	Night chef received small laceration when opening box in galley.
Incident		2 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	4	0 Days		Permit to work issued for the day.
Safety Meeting	1	0 Days		Weekly safety meeting held at 0045 Sunday morning and 1300 on Sunday .
STOP Card	14	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 22 Jun 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G1	0000	0100	1.00	132.8m	Continued to break out 30in running tool and laid down same. Made up 18.75in wellhead running tool into string and racked back in derrick.
P3	P	G6	0100	0200	1.00	132.8m	Laid out 26in bit and 36in hole opener.
P4	P	G9	0200	0500	3.00	132.8m	Made up 22in BHA including picking up of 1 x 9.5in DC and laying down 1 x 8.25in DC.
P4	TP (WOW)	G8	0500	0930	4.50	132.8m	Made up TDS, performed shallow MWD test and attempted to stab into 30in wellhead at seabed, moving pipe to various positions. ROV was unable to be deployed due to adverse weather.
P4	TP (WOW)	G8	0930	1030	1.00	132.8m	Launched small ROV to observe stabbing of bit into 30in wellhead. Unable to assist due to adverse weather. Retrieved same.
P4	TP (WOW)	G8	1030	1100	0.50	132.8m	Launched big ROV - failure of soft start on hydraulic system. Retrieved same.
P4	TP (WOW)	G8	1100	1330	2.50	132.8m	Launched small ROV and adapted the feed method of the umbilical to reduce the environmental effects. Stabbed into wellhead using visuals from small ROV.
P4	P	G8	1330	1400	0.50	132.8m	Continued to RIH with 22in BHA and tagged cement at 124.9m.
P4	P	D1	1400	1530	1.50	132.8m	Drilled cement from 124.9m to shoe at 128m and drilled rathole to 132.8m.
P4	P	D2	1530	2400	8.50	374.0m	Control drilled 22in hole from 132.8m to 374m at max of 60m/hr using seawater and 3 x 50bbl PHG sweeps during every stand. WOB 10k, RPM 140, TQ 2-5k ft-lbs, 1160 gpm, 2200psi. No excess drag on connections. Took MWD survey every 90 m - all less than 1 degree.

Operations For Period 0000 Hrs to 0600 Hrs on 23 Jun 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0600	6.00	374.0m	Control drilled 22in hole from 374m to 465m using seawater and 3 x 50bbl PHG sweeps during every stand. Formation firming up. Increased WOB 10 - 20k, RPM 160, TQ 2-5k



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							ft-lbs, 1160 gpm, 2250psi, 15 m/hr. No excess drag on connections. Took MWD survey every 90 m - all less than 1 degree.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 22 Jun 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	28	19 Jun 2008	20 Jun 2008	28.00	1.167	0.0m
Conductor Hole(P2)	17.5	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
Surface Hole(P4)	22	22 Jun 2008	22 Jun 2008	87.00	3.625	374.0m

General Comments	
00:00 TO 24:00 Hrs ON 22 Jun 2008	
Operational Comments	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.
Operational Comments	***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.
Operational Comments	Spud Can Penetrations: Port - 1.24m, Bow - 1.24m, Stbd - 1.14m
Operational Comments	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.
Operational Comments	Link tilt clamps slipping on bails. Unable to resolve satisfactorily.

WBM Data		Cost Today				
Mud Type:	PHB	API FL:	CI:	Solids(%vol):	Viscosity	180sec/qt
Sample-From:	Pit 5	Filter-Cake:	K+C*1000:	H2O:	PV	25cp
Time:	20:00	HTHP-FL:	Hard/Ca:	Oil(%):	YP	70lb/100ft ²
Weight:	1.00sg	HTHP-cake:	MBT:	Sand:	Gels 10s	60
Temp:	25C°		PM:	pH:	Gels 10m	65
			PF:	PHPA:	Fann 003	55
					Fann 006	60
					Fann 100	75
					Fann 200	85
					Fann 300	95
					Fann 600	120
Comment						

Bit # 2RR				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	23.00in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run				
Mfr:	SMITH	WOB(avg)	9.00klb	No.	Size	Progress	241.2m	Cum. Progress		241.2m		
Type:	Rock	RPM(avg)	140	1	15/32nd"	On Bottom Hrs	5.9h	Cum. On Btm Hrs		5.9h		
Serial No.:	MZ3173	F.Rate	1200gpm	3	22/32nd"	IADC Drill Hrs	8.5h	Cum IADC Drill Hrs		8.5h		
Bit Model	XR+C	SPP	2300psi			Total Revs		Cum Total Revs		0		
Depth In	132.8m	HSI				ROP(avg)	40.88 m/hr	ROP(avg)		40.88 m/hr		
Depth Out		TFA	1.286									
Bit Comment												

BHA # 2							
Weight(Wet)	47.00klb	Length	213.4m	Torque(max)	6000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	30.00klb	String	125.00klb	Torque(Off.Btm)	800ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	127.00klb	Torque(On.Btm)	4000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	120.00klb			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			
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
132.80	0.2		132.80	0.2	0.2	0.0	0.2	
147.40	0.4		147.40	0.3	0.3	0.0	1.4	
204.70	0.5		204.70	0.8	0.8	0.0	0.2	
324.10	0.8		324.09	2.1	2.1	0.0	0.3	
382.90	0.2		382.89	2.6	2.6	0.0	1.0	
412.80	0.3		412.79	2.8	2.8	0.0	0.3	
442.90	0.2		442.89	2.9	2.9	0.0	0.3	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	0	0	310.0	
Rig Fuel	m3	0	0	0	179.0	
POTABLE WATER	MT	0	0	0	143.0	
Cement Class G	MT	0	0	0	84.0	
Bentonite	MT	0	0	0	52.0	
Barite	MT	0	0	0	166.0	

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)	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	2300	600		30		176	40		234	50		293
2	National 14 P-220	6.50	1.00	97	100	2300	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



Personnel On Board	
Tamboritha	6
Q Tech	1
Cameron	1
Schlumberger MWD/LWD	2
ROV Inspection Systems	1
Dril-Quip	1
Weatherford	5
Total	91

Mud Volumes, Mud Losses and Shale Shaker Data		Engineer : Eugine Edwards/James Munford					
Available	1784.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active Mixing		Downhole Surf+ Equip	0.0bbl	Shaker 1	VSM-300	255	
				Shaker 2	VSM-300	255	
Hole Slug Reserve	1384.0bbl	Dumped De-Gasser De-Sander		Shaker 3	VSM-300	255	
Kill Guar Gum	400.0bbl	De-Silter Centrifuge		Shaker 4	VSM-300	255	

Marine							
Weather on 22 Jun 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	270.0deg	1023.0mbar	12C°	2.0m	270.0deg	7s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg		2399.00klb	3.7m	270.0deg	7s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler			At Geelong	Item	Unit	Used	Quantity
				Rig Fuel	m3		283.5
				Potable Water	Mt		290
				Drill Water	Mt		0
				CEMENT G	Mt		0
				Barite	Mt		33
				Bentonite	Mt		0
				MUD	m3		0
	m3		0				
Pacific Valkyrie	18h35		At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		559.9
				Potable Water	Mt		234
				Drill Water	m3		729
				CEMENT G	Mt		0
				Barite	Mt		42.5
				Bentonite	Mt		34.8

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1223 / 1230	8 / 0	