



22 Aug 2008

From: S De Frietas/S Schmidt.
To: R Oliver

Well Data							
Country	Australia	MDBRT	4648.0m	Cur. Hole Size	9.500in	AFE Cost	AUD\$81,987,600
Field	Longtom	TVDBRT	2695.9m	Last Casing OD	7.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2590.8m	Daily Cost	AUD\$888,200
Rig	West Triton	Days from spud	62.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$61,166,500
Wtr Dpth (MSL)	55.968m	Days on well	22.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	POOH with 5.50in drill pipe.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	POOH with 5 1/2" drill pipe , layout all 3.5in drill pipe. Run RTTS and test well head seals to 4,000 psi.		

Summary of Period 0000 to 2400 Hrs
 POOH to 3.50in drill pipe, inspected stand no visible damage. RIH to HUD at 2777.64m. Worked through at 2777.64m. continued to work and pushed cement retainer down from 2777.64m to 2805m. Worked and rotated down from 2805m - 2919m with 2-10k down. Continued RIH to HUD at 4490m with constant 2-10k down. Circulated bottoms up. Commenced displacement program to 11.3ppg brine.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		5 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
BOP Test		8 Days	Pressure tested Bop's.	14 Days - 28 Aug 21 days 4 Sept
Incident		3 Days	Pinched finger.	When removing p/up elevators on c/walk
Medical Treatment Case		3 Days	Twisted ankle.	Stepped on footbath after decending ladder
PTW issued	17	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .
STOP Card	62	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	3 Days	TOFS	Held TOFS on drill floor with drill and deck crews at 22.30 hrs to highlight the hazards associated with repetitive tasks and remind personnel to keep focused on the job

Operations For Period 0000 Hrs to 2400 Hrs on 22 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (WB)	G8	0000	0200	2.00	4648.0m	POOH to 3.5in drill pipe and changed out to 3.5in elevators. Picked up and inspected first stand of 3.5in drill pipe, no visible distortion observed.
P19	TP (WB)	G8	0200	0500	3.00	4648.0m	RIH with 3.5in drill pipe to 2036m.
P19	TP (WB)	G8	0500	0630	1.50	4648.0m	Changed out to 5.5in elevators and continued RIH to 2680m. Oberseved drag increased to 4 - 5k down from 2680m - 2777.64m
P19	TP (WB)	G8	0630	0830	2.00	4648.0m	Made up top drive and work through hold up at 2777.64m. With 40spm, 150 - 230 gpm, 1000 - 2000psi, 40-60rpm, 5-10k WOB Observed WOB decreased to 4k.
P19	TP (WB)	G8	0830	1300	4.50	4648.0m	Continued rotating and working down cement retainer from 2777.64m - 2805 m with continuous 5- 10k down, 25spm, 150gpm, 1000psi, 60rpm.
P19	TP (WB)	F4	1300	1430	1.50	4648.0m	RIH and rotated down when necessary from 2805m - 2919m. RIH with up to 20k drag and rotated with 60rpm, WOB 9K.
P19	TP (WB)	G8	1430	2030	6.00	4648.0m	Continued RIH from 2919m - 4490m with continuous 5 - 10k drag down. Held up with 25k down at 4490m.
P19	TP (WB)	F4	2030	2300	2.50	4648.0m	Circulated bottoms up with 230gpm, 4400psi - heavy solids returned on bottoms up. While circulating bottoms held Pre Job Meeting for displacing well to brine.
P19	P	F4	2300	2400	1.00	4648.0m	Comnenced displacement program to brine, pumped 75 bbls hi/vis followed by Baraklean. Flushed all 3 mud pumps lines in pump room with Baraklean.

Operations For Period 0000 Hrs to 0600 Hrs on 23 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	P	F4	0000	0300	3.00	4648.0m	Continued with displacement program pumping the following fluids. Pumped 250 bbls BARAKLEAN Pumped 800 bbls 11 ppg CaCl2 Brine Pumped 325 bbls Radigreen (1.5% v/v) & LIQUI-VIS EP (1 gal/bbl) Brine Pumped 175 bbls 11.3 ppg CaCl2 Brine.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Clean brine at surface at end of displacement.
P19	P	F4	0300	0400	1.00	4648.0m	(Pumping was stopped when Baraklean back at surface to flush the choke and kill manifold. Pumped 10 bbls Baraklean through Kill, Choke lines and 10 bbls through choke manifold and displaced with 30 bbls 11.30ppg brine. Pumped out skimmer tank to slops pit.)
P19	P	G8	0400	0600	2.00	4648.0m	Cleaned out flow line to gumbo box to enable use of trip tank pump on closed circulating system while POOH/RIH. (IN PROGRESS) POOH with 5.50in drill pipe to 3.50 drill pipe at 2037m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 22 Aug 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Production Hole (2)(P12)	260.5	01 Aug 2008	11 Aug 2008	260.50	10.854	4648.0m
Liner (1)(P19)	267.5	11 Aug 2008	22 Aug 2008	528.00	22.000	4648.0m

General Comments	
00:00 TO 24:00 Hrs ON 22 Aug 2008	
Operational Comments	Rotary table elevation based on Fugro calculations; RT above LAT = 41.062m. RT above MSL/AHD 40.362m.
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 operational efficiency. New hydraulic pump on order? 2) Compensator for saver sub on TDS not operational resulting in excessive wear on saver sub threads. 3) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 4) Link tilt clamps slipping on bails - need to rectify this issue. 5) Bail retaining plates on top drive bent, increasing time to change out bails by 1/2 hour. Require new retaining plate 6) Number 4 main generator down. Exciter and generator sent ashore. 7) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 8) Pumping pressure read-out at Cyber chair display not accurate. At 2800psi pump pressure, cyber display reads 3600psi. 9) Remote controller for Iron Roughneck not operational. 10) Automatic drill pipe elevators not working. 11) Auto IBOP on TDS is sticky and does not operate smoothly - linkages distorted?? Drillers are not currently closing the IBOP while making connections as it is very difficult to re-open. 12) Auto slips not being used as profile of slips not compatible with master bushing.
Operational Comments	ROV operations: Received parts to repair deployment / recovery winch. Commenced repair.
Operational Comments	Expro Well Testing: Installed ignition and ESD systems. Checking tools.



SBM Data		Cost Today AUD\$ 8081							
Mud Type:	ACCOLADE	HTHP-Temp:	120C°	Ex.Lime:		Solids(%vol):	16%	Viscosity	128sec/qt
Oil Type:	ACCOLADE BASE	HTHP:	500psi	Salinity:	226952mg/l	H2O:	28%	YP	27lb/100ft²
Sample-From:	Pit 6	HTHP-FL:	6.0cc/30min	Elec.Stab.:	230mV	Oil(%):	54%	PV	58cp
Time:	19:00	HTHP-cake:	2/32nd"			Sand:		O/W Ratio:	66/34
Weight:	12.00sg	CaCl mud:	28.81			LGS:	2%	Gels 10s	10
Temp:	30C°	CaCl WP:				Oil On Cut:		Gels 10m	22
Comment								Fann 003	8
Backloaded 2 drums Rheomod L and 12 sx of Tau Mod to Vessel Valkyrie. Added Tau Mod to active to prevent Barite slump when backloading mud to the boat. Added Tau Mod to brine, 7 bbl of drill water and Baraklean into pit #4 to increase the volume required to clean the lines. Displacement of well to brine on following daily report.								Fann 006	11
								Fann 100	40
								Fann 200	
								Fann 300	85
								Fann 600	143

Bit # 13				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	6.00in	IADC#	115	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Smith Bits	WOB(avg)	3.00klb	No.	Size	Progress			Cum. Progress			
Type:	mt	RPM(avg)	40	3	20/32nd"	On Bottom Hrs			Cum. On Btm Hrs			
Serial No.:	PG 2034	F.Rate	200gpm			IADC Drill Hrs			Cum IADC Drill Hrs			
Bit Model	XR+	SPP	2000psi			Total Revs			Cum Total Revs			
Depth In	4648.0m	HSI				ROP(avg)			N/A			
Depth Out		TFA	0.920						0.00 m/hr			
Bit Comment												

BHA # 17							
Weight(Wet)	4.00klb	Length	2037.7m	Torque(max)	3000ft-lbs	D.C. (1) Ann Velocity	365fpm
Wt Below Jar(Wet)		String	219.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	251.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	187.00klb			D.P. Ann Velocity	206fpm
BHA Run Description							
BHA Run Comment							
Equipment		Length	OD	ID	Serial #	Comment	
Bit		0.19m			PG1753		
NMDC		18.92m	4.75in	2.25in			
3 1/2		2016.17m	4.75in	2.63in			
X/O		1.22m	4.75in	2.25in	SSD7159		

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	0	0	275.0	
Rig Fuel	m3	0	4	0	262.0	
POTABLE WATER	MT	12	34	0	280.0	
Cement class \G\	MT	0	0	0	42.0	
Bentonite	MT	0	0	0	45.0	
Barite	MT	0	8	0	65.0	
SOBM	m3	0	0	0	2.0	
Brine	m3	0	15	0	145.0	
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	1.44	97	50	2000	280		20		117	30		176	40	234

Pumps															
Pump Data - Last 24 Hrs										Slow Pump Data					
2	National 14 P-220	6.50	1.44	97						20	117	30	176	40	234
3	National 14 P-220	6.50	1.44	97						20	117	30	176	40	234

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	128.80m / 128.80m	168bbl class G at 15.9ppg, 200% excess.
16 "	/	750.03m / 750.03m	Lead 516 bbls "G" class at 12.5ppg. Tail 229 bbls "G" class at 15.80 ppg
10 3/4"	/ 1.68sg	2590.78m / 2337.57m	200bbl class "G" at 15.8ppg, TOC at 1900m
7 "	/	4647.00m / 2699.37m	Mixed and pumped 138 bbls "HBT" grade cement slurry at 15.0 ppg through perforations at 4560m - 4558m. Theoretical top of cement in 7in liner at 4520m
Second cement job "HBT" grade cement slurry at 15.0 ppg through perforations at 2675m - 2673.5m. Theoretical top of cement in 7in liner/10.75in casing at 2569m			
Theoretical bottom of cement in 7in liner/9.5in hole at 2675m			

Personnel On Board	
Company	Pax
ADA	6
Seadrill	13
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	4
Reach	1
Baker Atlas	9
Expro Group	4
Scottech	2
Schlumberger (Wireline)	3
Well Dynamics	4
Total	103

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Gerald Lange/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1324.8bbl	0.0bbl	Shaker 1	VSM-300	280			
291.0bbl	0.0bbl	Shaker 1	VSM-300	280			
		Shaker 2	VSM-300	280			
960.9bbl		Shaker 2	VSM-300	280			
		Shaker 3	VSM-300	280			
72.9bbl		Shaker 3	VSM-300	280			
		Shaker 4	VSM-300	280			
		Shaker 4	VSM-300	280			

Marine							
Weather on 22 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	180.0deg	1024.0mbar	10C°	2.0m	180.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2812.00klb	3.0m	180.0deg	6s	Wave and swell heights are estimates.	
Comments							
Vessel Name	Arrived (Date/Time)	Departed	Status	Bulks			



(Date/Time)				Item	Unit	Used	Quantity
Pacific Battler		Geelong at 22.00	On route to location. ETA location at 15.30 23-08-08	Rig Fuel	m3		597.426
				Potable Water	Mt		451
				Drill Water	Mt		190
				CEMENT G	Mt		0
				Barite	Mt		42
				Bentonite	Mt		0
				SOBM	m3		32
				Brine	m3		75

SBM onboard.
SBM Dirty = 63m3
SBM Slops = 20m3

Pacific Valkyrie	13.00, 20-08-08		On Location	Item	Unit	Used	Quantity
				Rig Fuel	m3		528.421
				Potable Water	Mt		435
				Drill Water	m3		448
				CEMENT G	Mt		0
				Barite	Mt		70
				Bentonite	Mt		34.8
				SOBM	m3		106
				Base Oil	m3		118
				Brine	m3		114.2

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1040 / 1101	10 / 2	