



01 Sep 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\$617,900
Rig	West Triton	Days from spud	72.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$71,137,900
Wtr Dpth (MSL)	55.968m	Days on well	32.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Attempting to test HF-1 packer.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Set production packers and test same. Open and flow well.		

Summary of Period 0000 to 2400 Hrs
Tested tubing to 500/5500 psi for 5/10 mins - good test. Rigged up slickline lubricator and BOPs. RIH and retrieved xx plug at x nipple at 2242m. Attempted to set and test production packers - no success.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		8 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.	
BOP Test		18 Days	Pressure tested BOPs.	14 Days - 28 Aug 21 days 4 Sept.	
Environmental Incident		9 Days	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a transfer hose failed - spilling 21 bbls.	
First Aid Case		5 Days	Third Party received a small laceration to top of right thumb.	The IP was walking between the bottom of the V-door and cable spooling unit for the down hole gauge on the cantilever deck. As he did this he dragged his hand along the edge of the spooling unit and received a small laceration to the top of his right thumb.	
PTW issued	23	0 Days		Permit to work issued for the day.	
Safety Meeting		2 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays.	
STOP Card	37	0 Days		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 01 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	C13	0000	0330	3.50	4648.0m	Installed pressure test cap on flow head. Pressure tested down tubing to xx plug to 500/5500 psi for 5/10 mins - good test. Bled off pressure to 5000 psi. Closed SSSV and bled off pressure above SSSV to 1000 psi for inflow test. Equalized pressure across SSSV, opened SSSV and bled off tubing pressure to 0 psi - good inflow test.
							While performing the above: Expro pressure tested chemical injection lines to flow head and SST to 500/5500 psi for 5/10 mins - good test.
P22	P	C13	0330	0830	5.00	4648.0m	Rigged down slick line. Rigged up slick line lubricator and BOPs and made up new rope socket to slick line. Pressure tested lubricator to 5000 psi - good test.
P22	P	C13	0830	1100	2.50	4648.0m	RIH with 4.5in GS pulling tool and attempted to retrieve xx plug in x nipple at 2242m. POOH - no plug recovered. Redressed pulling tool.
P22	P	C13	1100	1230	1.50	4648.0m	RIH with 4.5in GS pulling tool and engaged xx plug in x nipple at 2242m. POOH and laid out running tool and plug while work through SSSV continued.
P22	P	C13	1230	1430	2.00	4648.0m	Made up protection sleeve and running tool, installed lubricator, RIH and set protection sleeve in SST. POOH, removed lubricator and BOPs from flow head and installed tree cap.
P22	P	C13	1430	1700	2.50	4648.0m	Held JSA, tested surface lines to 5500 psi, checked valve status and displaced the tubing with 258 bbls of diesel at 2.5 bbls/min. 258 bbls of brine returned during displacement.
							Held pre flow safety meeting with all crews while displacing
P22	P	C13	1700	1800	1.00	4648.0m	Lined up and pressured down string against FBIV to 5500 psi to set the HF1 and AHC packers, held pressure for 15mins. Bled off pressure to 1900 psi.
P22	TP (DH)	C13	1800	1930	1.50	4648.0m	Opened ICV. Closed annular and pressure tested down the choke line with rig pumps against HF-1 packer. Pumped 11.80 bbls while increasing pressure to 2500 psi. While pumping both the tubing string and annulus pressure increased at the same rate - stopped pumping. Closed PMV and bled off 500 psi annulus pressure to confirm SST XOV was holding - both annulus and tubing pressure decreased at same rate.
P22	TP	C13	1930	2130	2.00	4648.0m	Bled off annulus pressure to 0 psi. Lined up and pressured down string against FBIV to



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	(DH) TP (DH)	C13	2130	2230	1.00	4648.0m	5500 psi in an attempt to set the HFI and AHC packers again - pressure held for 15 mins then dropped 100 psi over 45 mins. Increased pressure to 5500 psi and held pressure for 30 mins - no pressure lost. Bled off pressure to 1800 psi.
P22	TP (DH)	C13	2230	2400	1.50	4648.0m	Opened ICV, closed annular and pressure tested down choke line with rig pumps against HF-1 packer. Pumped 6.60 bbls and increased pressure to 1500 psi - while pumping both the tubing string and annulus pressures increased at the same rate - stopped pumping. Closed PMV and bled off 500 psi annulus pressure to confirm SST XOY holding - both annulus and tubing pressure decreased at same rate.
P22	TP (DH)	C13	2230	2400	1.50	4648.0m	While communicating with town bled off annulus pressure to 0 psi. Lined up and pressured down tubing string against FBIV to 5500 psi and held pressure.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C13	0000	0300	3.00	4648.0m	Held 5500 psi on tubing string while calculating maximum applied surface pressures allowed to assist in setting packer and waiting for technical information from Cameron support in Singapore on maximum permitted pressure for SST and components.
P22	TP (DH)	C13	0300	0500	2.00	4648.0m	Held JSA. Closed FMV. Bled off all pressure via Expro manifold. Locked open NRV on flowhead. Flushed lines with Halliburton to Expro with 7 bbls Drill Water. Closed FWV and tested lines and flow head to 6000 psi for 10 mins - good Test. Bled off pressure to 5400 psi. Opened FMV and increased tubing pressure from 5400 psi to 6000 psi. Held pressure for 1 hour. Bled off (to Cement Unit) to 5500 psi. Closed FKV, opened FWV and bled off pressure via Expro Choke to 1400 psi.
P22	TP (DH)	C13	0500	0600	1.00	4648.0m	Opened ICV. Closed annular and pressure tested down choke line with rig pumps against HF-1 packer. Pumped 6.60 bbls and increased pressure to 1500 psi - while pumping both the tubing string and annulus pressures increased at the same rate - stopped pumping. Closed PMV and bled off 500 psi annulus pressure to confirm SST XOY holding - both annulus and tubing pressure decreased at same rate.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 01 Sep 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)	291.5	11 Aug 2008	23 Aug 2008	552.00	23.000	4648.0m
Completion/Recompletion(P22)	216	24 Aug 2008	01 Sep 2008	768.00	32.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 01 Sep 2008	
Operational Comments	Rotary table elevation based on Fugro calculations; RT above LAT = 41.062m. RT above MSL/AHD 40.362m.
Operational Comments	<p>West Triton Rig Equipment Concerns</p> <ol style="list-style-type: none"> 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.



General Comments	
	12) Auto slips not being used as profile of slips not compatible with master bushing. 13) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System.
Operational Comments	ROV operations: ROV operating SST valves as required for well test operations.
Operational Comments	Expro Well Testing: Rigging up equipment 100% of lines installed and equipment rigged up. Rig Cool: Rigging up equipment 100% of all equipment rigged up.

WBM Data		Cost Today AUD\$ 2500	
Mud Type: Calcium Chloride Brine	API FL:	Cl: 292547mg/l	Solids(%vol):
Sample-From: Pit #8	Filter-Cake:	K+C*1000:	H2O: 100%
Time: 19:00	HTHP-FL:	Hard/Ca:	Oil(%):
Weight: 11.10sg	HTHP-cake:	MBT:	Sand:
Temp: 22C°		PM:	pH: 10
		PF:	PHPA:
Comment	Fill trip tank as required from pit #8 with inhibited brine. Displace completion string to diesel, brine returns to pit #5.		Viscosity PV YP Gels 10s Gels 10m Fann 003 Fann 006 Fann 100 Fann 200 Fann 300 Fann 600

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	0	0	300.0	
Rig Fuel	m3	0	54	0	310.0	
POTABLE WATER	MT	12	30	0	223.0	
Cement class \G\	MT	0	0	0	52.0	
Bentonite	MT	0	0	0	45.0	
Barite	MT	0	0	0	65.0	
SOBM	m3	0	0	0	2.0	
Brine	m3	0	0	0	10.0	
BLENDED CEMENT	MT	0	0	0	43.0	

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	11
Seadrill	12
Seadrill Services.	35
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	6
Expro Group	14
Well Dynamics	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	1
Cameron	2
Total	102



Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/Tim Waldhuter			
Available	2694.2bbl	Losses	55.5bbl	Equipment	Description	Mesh Size	Comments
Active	114.0bbl	Downhole	40.5bbl	Shaker 1	VSM-300	280	
Mixing		Surf+ Equip	15.0bbl	Shaker 1	VSM-300	280	
Hole	1042.2bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	1538.0bbl	De-Gasser		Shaker 2	VSM-300	280	
		De-Sander		Shaker 3	VSM-300	280	
				Shaker 3	VSM-300	280	
Kill		De-Silting		Shaker 4	VSM-300	280	
		Centrifuge		Shaker 4	VSM-300	280	

Marine							
Weather on 01 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	50.0deg	1023.0mbar	1500C°	1.0m	165.0deg	1s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2688.00klb	1.5m	165.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler			On location.	Item	Unit	Used	Quantity
				Rig Fuel	m3		360.995
				Potable Water	Mt		342
				Drill Water	Mt		190
				CEMENT G	Mt		0
				Barite	Mt		42
				Bentonite	Mt		0
				SOBM	m3		110
				Brine	m3		96
				SBM onboard. SBM Dirty = 63m3 SBM Slops = 56m3			
Pacific Valkyrie			At Geelong.	Item	Unit	Used	Quantity
				Rig Fuel	m3		610.442
				Potable Water	Mt		253
				Drill Water	m3		166
				CEMENT G	Mt		0
				Barite	Mt		70
				Bentonite	Mt		34.8
				SOBM	m3		67
				Base Oil	m3		0
				Brine	m3		0

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1100 / 1116	9 / 17	Crew Change Well Test Crew