



03 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\$690,100
Rig	West Triton	Days from spud	74.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$72,660,800
Wtr Dpth (MSL)	55.968m	Days on well	34.00	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Rigging down Expro test bails.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Run Schlumberger and chemical cut packer. Back out and pull landing string. Make up tubing hanger releasing tool, RIH release tubing hanger and POOH with completion string.		

**Summary of Period 0000 to 2400 Hrs**  
RIH with shifting tool and released packer at 2244m. POOH and rigged down slickline. Cycled FBIV to the locked open position. Observed pressure at Expro choke while flow checking well. Reversed circulated 280 bbls of brine, flow checked well. Well static. Rigged up slickline, RIH and set XX plug in X nipple at 2552m. POOH with slickline.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		4 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.
BOP Test		20 Days	Pressure tested BOPs.	14 Days - 28 Aug 21 days 4 Sept
Environmental Incident		11 Days	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a Transfer hose failed, spill was 21bbls.
First Aid Case		7 Days	Third Party received 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	17	0 Days		Permit to work issued for the day.
Safety Meeting		3 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .
STOP Card	45	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	15 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 03 Sep 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C13	0000	0100	1.00	4648.0m	Installed test cap on flow head. Lined up and commenced pressuring up string to cycle FBIV into the locked open position. Stopped pumping after receiving confirmation from technical support that the HF-1 shifting tool will travel through all completion components.
P22	TP (DH)	C13	0100	0530	4.50	4648.0m	Rigged up lubricator, RIH with HF-1 shifting tool and and released packer at 2244m - positive indication that packer released with 300 klbs overpull. Repeated 3 times - no overpull observed on the last 2 times through packer. POOH and checked shifting tool - shear pins sheared indicating that packer was released. Laid out tool string and racked back lubricator in derrick. Installed test cap onto flow head.
P22	TP (TP)	C13	0530	0700	1.50	4648.0m	Cycled FBIV to the locked open position, pumping down tubing with cement unit pressured up to 3500 psi, hold two minutes, bleed off to zero psi, waited two minutes. Repeated sequence 6 times - observed pressure drop and increased volume pumped on sixth cycle. Repeated cycle and confirmed valve locked open.
P22	TP (DH)	G14	0700	0900	2.00	4648.0m	Shut down and flow checked well - Tubing pressure = 296 psi, Annulus losing at 0.6 bbls/hr. Monitored pressures - tubing pressure rising at approx 1 psi / minute.
P22	TP (DH)	P3	0900	1300	4.00	4648.0m	Shut in tubing pressure = 460 psi, Annulus losing 0.6 bbls/hr. Closed annular. Opened ICV. Commenced reverse circulating, pumping down annulus with filtered 11.0 ppg brine, through ICV and up tubing to Expro choke. Pumping at 1.3 BPM and 1600-1800 psi annulus pressure holding 550-130 psi back pressure at Expro choke. Diesel returns to surface after pumping 5 bbls Diverted to flare after pumping 15 bbls Dry gas to surface after pumping 60 bbls



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	P3	1300	1400	1.00	4648.0m	20% Diesel, 80% Brine after pumping 96 bbls Diesel percentage decreased to trace after pumping 217 bbls. During circulation losing approx 20% of pumped volume. Pumped a total of 280 bbls - clean brine returns. Shut down and checked pressures - Annulus = 230 psi, Tubing = 40 psi - checked returns - gas still evident. Continued reverse circulating, pumping at 2 BPM and 2350 - 2700 psi holding 130-150 psi back pressure at Expro choke. Pumped additional 63 bbls (343 Total pumped) with clean brine returns. Shut down and checked pressures Annulus = 249 psi, Tubing = 0 psi. Bled off annulus - no flow (pressure due to restriction when circulating past packer)
P22	TP (DH)	G14	1400	1500	1.00	4648.0m	Flow checked well OK.
P22	TP (DH)	C13	1500	2030	5.50	4648.0m	Confirmed plan and sorted equipment to place second barrier in tubing. Rigged down Coflex hose and chemical injection line from flow-head. Rigged up slick line, prepared pump in assembly for Schlumberger.
P22	TP (DH)	C13	2030	2400	3.50	4648.0m	Made up 3.813in XX plug with 2.313in pump out plug. RIH and set same in X nipple at 2552m MDRT. POOH.

**Operations For Period 0000 Hrs to 0600 Hrs on 04 Sep 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C13	0000	0100	1.00	4648.0m	POOH with running tool, confirmed XX plug set in X nipple at 2552m. Installed test cap on flow head.
P22	TP (DH)	C13	0100	0200	1.00	4648.0m	Lined up to Halliburton and pumped 21 bbls brine to fill string and pressure tested XX plug at 2552m to 750 psi 5 mins. Good test.
P22	TP (DH)	C13	0200	0400	2.00	4648.0m	Rigged down and laid out slick line, BOP and lubricator.
P22	TP (DH)	C13	0400	0600	2.00	4648.0m	Rigged down flow head from landing string and laid out same. Rigged down Expro completion bails.

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 03 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)	264	24 Aug 2008	03 Sep 2008	816.00	34.000	4648.0m

**General Comments**

00:00 TO 24:00 Hrs ON 03 Sep 2008

<b>Operational Comments</b>	Rotary table elevation based on Fugro calculations; RT above LAT = 41.062m. RT above MSL/AHD 40.362m.
<b>Operational Comments</b>	<p>West Triton Rig Equipment Concerns</p> <ol style="list-style-type: none"> <li>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?</li> <li>2) Compensator for saver sub on TDS not operational resulting in excessive wear on saver sub threads.</li> <li>3) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order.</li> <li>4) Link tilt clamps slipping on bails - need to rectify this issue.</li> <li>5) Bail retaining plates on top drive bent, increasing time to change out bails by 1/2 hour. Require new retaining plate</li> <li>6) Number 4 main generator down. Exciter and generator sent ashore.</li> <li>7) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).</li> <li>8) Pumping pressure read-out at Cyber chair display not accurate. At 2800psi pump pressure, cyber display reads 3600psi.</li> <li>9) Remote controller for Iron Roughneck not operational.</li> <li>10) Automatic drill pipe elevators not working.</li> </ol>



General Comments	
	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. 13) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System.
Operational Comments	ROV operations: ROV carried out post sea bed cuttings survey: 75% completed.
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: 282574mg/l	Solids(%vol):
Sample-From: Pit #5	Filter-Cake:	K+C*1000:	H2O: 100%
Time: 23:59	HTHP-FL:	Hard/Ca:	Oil(%):
Weight: 11.00sg	HTHP-cake:	MBT:	Sand:
Temp: 22C°		PM:	pH: 9.5
		PF:	PHPA:
Comment	Transfer inhibited brine from pit #5 to cement unit for pressure testing as required. Circulated well with 11.0ppg brine to kill well. 333bbl brine dumped.		
			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	5	0	271.0
Rig Fuel	m3	0	10	0	291.0
POTABLE WATER	MT	12	28	0	191.0
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 "HTB" grade cement slurry at 15.0 ppg through perforations at 4560m - 4558m. Theoretical top of cement in 7in liner at 4520m  Second cement job "HTB" 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	8
Seadrill	12
Seadrill Services.	32
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	6
Expro Group	13
Well Dynamics	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	4

Personnel On Board	
Cameron	3
Schlumberger (Wireline)	5
<b>Total</b>	<b>104</b>

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/Tim Waldhuter			
Available	2798.2bbl	Losses	333.0bbl	Equipment	Description	Mesh Size	Comments
Active	111.0bbl	Downhole		Shaker 1	VSM-300	280	
Mixing		Surf+ Equip	0.0bbl	Shaker 1	VSM-300	280	
Hole	1042.2bbl	Dumped	333.0bbl	Shaker 2	VSM-300	280	
Slug Reserve	1645.0bbl	De-Gasser		Shaker 3	VSM-300	280	
		De-Sander		Shaker 3	VSM-300	280	
Kill		De-Silting Centrifuge		Shaker 4	VSM-300	280	
				Shaker 4	VSM-300	280	

Marine							
Weather on 03 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	310.0deg	1033.0mbar	1500C°	1.0m	165.0deg	1s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2505.00klb	1.5m	165.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler		00.00	Onroute to Geelong.	Item	Unit	Used	Quantity
				Rig Fuel	m3		351.378
				Potable Water	Mt		339
				Drill Water	Mt		190
				CEMENT G	Mt		0
				Barite	Mt		42
				Bentonite	Mt		0
				SOBM	m3		110
Brine	m3		0				
SBM onboard. SBM Dirty = 63m3 SBM Slops = 56m3							
Pacific Valkyrie	20.00			Item	Unit	Used	Quantity
				Rig Fuel	m3		584.597
				Potable Water	Mt		443
				Drill Water	m3		487
				CEMENT G	Mt		0
				Barite	Mt		70
				Bentonite	Mt		34.8
				SOBM	m3		0
Base Oil	m3		0				
Brine	m3		0				

On location.

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BJW	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1037 / 1056	18 / 15	Crew Change SCH W/Line