



10 Sep 2008

From: S De Frietas/R. Rossouw
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\$971,400
Rig	West Triton	Days from spud	81.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$77,835,900
Wtr Dpth (MSL)	55.968m	Days on well	41.02	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Pumping 205bbl diesel down tubing string.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Complete pumping of diesel, close sliding sleeve, run 4.313in plug and set packer. Retrieve 4.313in plug. Test packer and prepare for flowing well.		

Summary of Period 0000 to 2400 Hrs

Continued with slickline operations. Set wireline protection sleeve. Retrieved RQ lock from SSSV - mis-run. Lubricated 6bbl brine into tubing to counter increasing tubing pressure. Retrieved RQ lock from SSSV and lubricated another 6bbl brine into tubing, bleeding off gas after every lubrication process. Opened sliding sleeve with slickline shifting tool and bled off tubing pressure in stages while keeping annulus full. Circulated 300bbl inhibited brine into tubing. Set 4.562in XX plug at 2450m and pressure tested lubricator and tubing string to 5500psi and performed inflow test on SSSV. RIH to retrieve 4.562in XX plug.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandonment		1 Day	Held at 11.00 hours.	Rig alarms activated. Smoke from compressor room, all crews mustered at life boat stations while source of smoke was investigated. Smoke generated from foam deluge pump. Good response by all crews.
BOP Test	1	3 Days	Pressure tested Bop's.	14 Days - 21 Sept 08 21 Days - 28 Sept 08
Environmental Incident		18 Days	SBM spill to ocean when back-loading to Supply Boat.	
First Aid Case		14 Days	Third Party received small laceration to top of right thumb.	
PTW issued	24	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly Safety Meetings.	Weekly safety meeting held on Saturdays .
STOP Card	37	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 10 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C1	0000	0130	1.50	4648.0m	POOH with hanger protection sleeve. Closed master valve on flowhead. Laid out protection sleeve. Made up short wireline protection sleeve.
P22	TP (DH)	C1	0130	0230	1.00	4648.0m	Pressure tested lubricator to 4000 psi / 5 mins. RIH and set short wireline protection sleeve. POOH with running tool. Closed master valve on flowhead. Laid out running tool. SITHP = 309 psi.
P22	TP (DH)	C1	0230	0400	1.50	4648.0m	Made up 4.5in GS pulling tool. Pressure tested lubricator to 4000 psi / 5 mins. RIH and pulled 4.562in RQ lock from SSSV and POOH. Closed master valve on flowhead. Did not recover RQ lock from SSSV. SITHP = 407psi
P22	TP (DH)	C1	0400	0600	2.00	4648.0m	Made up lubricator and pressure tested to 4000 psi / 5 minutes. Opened master valve - SITHP = 630 psi. Bled back SITHP from 630 psi to 200 psi. Commenced RIH with GS pulling tool on slickline to top of SSSV. Stop running slickline. SITHP = 260 psi.
P22	TP	C1	0530	0600	0.50	4648.0m	Stop running slickline.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
	(DH)						SITHP = 260 psi. Lined up to lubricate 10.9 ppg brine into tubing. Commenced pumping 10.9 ppg brine into tubing at 0.2 BPM with 350 psi THP.
P22	TP (DH)	F3	0600	0630	0.50	4648.0m	Lubricated 6 bbls 10.9 ppg brine into tubing with cement unit at 0.2 bpm. THP increased from 350 psi to 407 psi.
P22	TP (DH)	C1	0630	0700	0.50	4648.0m	Latched and recovered RQ Lock from SSSV & POOH to surface.
P22	TP (DH)	F3	0700	0730	0.50	4648.0m	THP = 416 psi. Bled off at Expro choke to 350 psi. Dry gas returns. Lubricated 6 bbls 10.9 ppg brine into tubing with cement unit at 0.2BPM. THP increased from 390 psi to 440 psi.
P22	TP (DH)	C1	0730	0830	1.00	4648.0m	Closed master valve on flow-head and SSSV. Bled off lubricator and removed tool string with RQ Lock. Made up sliding sleeve shifting tool string. Pressure tested lubricator. Opened master valve and SSSV. SITHP = 440 psi.
P22	TP (DH)	C1	0830	0900	0.50	4648.0m	Commenced RIH with sliding sleeve shifting tool to sliding sleeve at 2475 m. (While RIH with slick line bled off THP via Expro choke to 350 psi - 80% gas returns).
P22	TP (DH)	C1	0900	0930	0.50	4648.0m	THP = 376 psi. SICP = 0 psi. Opened sliding sleeve with slick line. Observed gradual rise in THP from 376 psi to 397 psi, then leveled off at 394 psi. Confirmed sliding sleeve opened with 6 passes through sleeve with tool.
P22	TP (DH)	C1	0930	1030	1.00	4648.0m	POOH with shifting tool on slick line. Pulled tool string into lubricator and closed flow head swab valve.
P22	TP (DH)	F3	1030	1200	1.50	4648.0m	Attempted to reverse circulate pumping 10.9 ppg brine down annulus and hold 450 psi back pressure with Expro choke on tubing. Pumped 26 bbls at 2 bpm - THP increased from 397 psi to 403 psi. Suspected losses down-hole. Opened drilling choke and confirmed no flow on annulus. Opened Annular - took 43 bbls to fill riser. Observed TT circulating across top of well - down-hole losses 2.5 bbls / hour.
P22	TP (DH)	P3	1200	1330	1.50	4648.0m	Commenced bleeding off THP at Expro Choke in stages and monitored tubing filling from annulus via sliding sleeve. THP fell in stages after each bleed off. Reduced THP from 425 psi to 0 psi and filled tubing string with 31 bbls brine via sliding sleeve from annulus. Dry gas returns to Expro Choke throughout bleed off. Flow checked: no flow on tubing at open Expro choke (no brine either), annulus holding steady.
P22	TP (DH)	F3	1330	1400	0.50	4648.0m	Closed annular. Lined up and reverse circulated brine down annulus and up tubing via the sliding sleeve. Pumped 5 bbls and got brine returns back to Expro choke. Shut down. Opened annular. Flow checked well - ok.
P22	TP (DH)	F3	1400	1630	2.50	4648.0m	Lined up and circulated 300 bbls 10.9 ppg filtered inhibited brine (with 1% by volume RCW 24/100 Corrosion Inhibitor - double concentration) down tubing string with cement unit at 3 bpm and 75 psi and taking returns back to mud pits.
P22	TP (DH)	C1	1630	2130	5.00	4648.0m	Removed lubricator and laid out sliding sleeve tool. Made up 4.562in XX plug and tool string. Installed lubricator and pressure tested to 4000 psi. RIH and set plug at 2450m, POOH. Closed FMV & FSV, broke off lubricator & changed out toolstring to 4.562in retrieval tool. Installed lubricator & pressure tested same to 5500psi.
P22	TP (DH)	P1	2130	2300	1.50	4648.0m	Lined up tubing string and tested same against XX plug @ 2450m to 500psi/5min and 550psi/10min OK. Closed SSSV & bled of pressure above SSSV to 1000psi to perform inflow test for 15min OK. Equalised pressure and opened SSSV.
P22	TP (DH)	C1	2300	2400	1.00	4648.0m	Opened FSV. RIH with 4.562in plug retrieval tool to latch on to XX plug @ 2450m.

Operations For Period 0000 Hrs to 0600 Hrs on 11 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C1	0000	0100	1.00	4648.0m	Continued RIH with 4.562in plug retrieval tool, attempted to latch onto plug and POOH to surface - no success.
P22	TP (DH)	C1	0100	0230	1.50	4648.0m	Broke off lubricator and laid down 4.562in GR tool. Made up GS tool, installed lubricator and pressure tested same to 4000psi OK.
P22	TP (DH)	C1	0230	0400	1.50	4648.0m	RIH with GS toolstring, latch on to plug at 2450m and POOH to surface.
P22	TP (DH)	C1	0400	0530	1.50	4648.0m	Broke off lubricator, laid down 4.562in XX plug and changed out to shifting tool string. Installed lubricator & pressure tested same to 4000psi.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	F3	0530	0600	0.50	4648.0m	Held PJSM and commenced pumping 205bbl diesel down tubing string.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 10 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)	432.5	24 Aug 2008	10 Sep 2008	984.50	41.021	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 10 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. 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.

WBM Data Cost Today AUD\$ 2500

Mud Type:	Calcium Chloride Brine	API FL:	Cl:	282200mg/l	Solids(%vol):	Viscosity	26sec/qt
Sample-From:	Pit #7	Filter-Cake:	K+C*1000:		H2O: 100%	PV	
Time:	19:30	HTHP-FL:	Hard/Ca:	130000mg/l	Oil(%):	YP	
Weight:	10.90sg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:	20C°		PM:		pH: 9.5	Gels 10m	
			PF:		PHPA:	Fann 003	
Comment	Inhibited Filtered brine with CRW24100 (double concentration).					Fann 006	
						Fann 100	
						Fann 200	
						Fann 300	
						Fann 600	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	14	0	216.0
Rig Fuel	m3	0	15	0	224.0
POTABLE WATER	MT	12	39	0	163.0
Cement class 'G'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0



Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite	MT	0	0	0	65.0
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	9
Seadrill	12
Seadrill Services.	36
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	2
Halliburton - Sperry	2
Tamboritha	6
Expro Group	16
Schlumberger (Testing)	2
Rigcool	2
Weatherford	2
Cameron	3
Total	103

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/Kostas Geogiou			
Available	Losses	Equipment	Description	Mesh Size	Comments		
2734.2bbl	365.7bbl	Shaker 1	VSM-300	280			
Active 345.0bbl	Downhole 319.0bbl	Shaker 1	VSM-300	280			
Mixing	Surf+ Equip 3.0bbl	Shaker 2	VSM-300	280			
Hole 1024.2bbl	Dumped	Shaker 2	VSM-300	280			
Slug 66.0bbl	De-Gasser	Shaker 3	VSM-300	280			
Reserve 1299.0bbl	De-Sander	Shaker 3	VSM-300	280			
Kill	De-Silting Centrifuge Halliburton Cementers 43.7bbl	Shaker 4	VSM-300	280			
		Shaker 4	VSM-300	280			
		Shaker 4	VSM-300	280			

Marine							
Weather on 10 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	45.0deg	1019.0mbar	9C°	0.3m	140.0deg	2s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2296.00klb	2.5m	140.0deg	10s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks



Pacific Battler			At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		542
Potable Water	Mt		309				
Drill Water	Mt		267				
CEMENT G	Mt		42				
Barite	Mt		42				
Bentonite	Mt		42				
SOBM	m3		110				
Brine	m3		0				

Pacific Valkyrie			En route to Geelong	Item	Unit	Used	Quantity
				Rig Fuel	m3		547.8
Potable Water	Mt		408				
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				

Helicopter Movement					
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment	
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0955 / 1010	9 / 10	Crew Change NOPSA	