



04 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\$705,800
Rig	West Triton	Days from spud	75.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$73,366,600
Wtr Dpth (MSL)	55.968m	Days on well	35.00	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Racking back one stand of drill pipe to pick up HF-1 packer clear of heavy wall casing and 5.5in tubing clear of the liner, in an effort to create a clear circulating path.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Circulate hole clean and POOH with completion string.		

Summary of Period 0000 to 2400 Hrs
POOH with running tool for xx plug. Pressure tested xx plug to 750 psi. Rigged down slick line. Rigged down and laid out Schlumberger flow head. Rigged up Schlumberger wire line and RIH with chemical cutter and cut AHC packer at 2527m. POOH and rigged down Schlumberger. Backed out 7in landing string, POOH and laid out same. Made up and RIH with THRET to tubing hanger.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		5 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.
BOP Test		21 Days	Pressure tested BOPs.	14 Days - 28 Aug 21 days 4 Sept.
Environmental Incident		12 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		8 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	14	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .
STOP Card	25	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 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 and 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 cement unit and pumped 21 bbls of brine to fill string and pressure tested XX plug at 2552m to 750 psi for 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.
P22	TP (DH)	C13	0600	0630	0.50	4648.0m	Rigged up 350tn long bails and 3.5in elevators.
P22	TP (DH)	C13	0630	0830	2.00	4648.0m	Rigged up Schlumberger wireline pump in assembly and rigged up cement hose to pump in assembly.
P22	TP (DH)	C13	0830	0930	1.00	4648.0m	Pressure tested lines with cement unit against TIW valve and packed off to 1500 psi. Pressure tested against XX plug to 750 psi - all good tests.
P22	TP (DH)	C13	0930	1300	3.50	4648.0m	Backed off quick connection on pump in assembly and laid down assembly onto rig floor to install chemical cutter. Rigged up T-bar and sheaves for Schlumberger wireline. Made up chemical cutter tool and installed in tubing.
P22	TP (DH)	C13	1300	1730	4.50	4648.0m	Installed pump in assembly and RIH with chemical cutter. Stopped at 2000 m with tool and closed ICV. Continued to RIH with chemical cutter and hung up at ICV. Attempted to work tool string past same - no success. Pulled back 100 m and opened ICV. RIH with tool string - successfully passed ICV. Correlated and landed out tool string on R-nipple @ 2532 m. Fired the chemical cutter to cut AHC packer at 16:15hrs.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C13	1730	1930	2.00	4648.0m	Flow checked tubing and annulus 10 minutes - OK. POOH.
P22	TP (DH)	C13	1930	2100	1.50	4648.0m	Tools at surface, confirmed chemical cutter fired - noted damage to severing head. Laid out tool string, and rigged down Schlumberger.
P22	TP (DH)	C13	2100	2230	1.50	4648.0m	Made up 6ft pup joint to landing string. Released MTHRT with 7 RH turns of landing string - observed shear pins sheared after 6 turns with 6,000 ft/lbs over original torque. Confirmed with Cameron that ICV closed, AAV and AMV open.
P22	TP (DH)	C13	2230	2400	1.50	4648.0m	Held JSA and POOH and laid out landing string and MTHRT.
P22	TP (DH)	C13	2230	2400	1.50	4648.0m	Picked up and made up THRET to 5.5in drill pipe and RIH to top of tubing hanger at 91.59m.

Operations For Period 0000 Hrs to 0600 Hrs on 05 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C13	0000	0100	1.00	4648.0m	Made up THRET into tubing hanger, unlocked tubing hanger with 4 LH turns and observed increase in torque confirming that the tubing hanger unlocked. Closed annular. Pumped down completion string with 5 bbls brine to 1400psi and observed Pump Open Plug sheared open at 1400 psi. Opened ICV and confirmed with Cameron that TRSSSV closed, CSM, PMV, XO, AMV and AAV opened. Picked up 2m, intial pickup weight 220 klbs, after 1m pick up, weight dropped down to 208 klbs. Obseved no pressure increase on annulus or tubing.
P22	TP (DH)	C13	0100	0130	0.50	4648.0m	Cameron closed AMV, AAV, PMV and XO with HPU. Lined up to circulate down string with returns back via choke manifold. Pumped at 2.5 bbls/min. String took 8 bbls to fill. Pressure increasing to 1800psi after pumping 51 bbls - got partial returns. Stopped pumps and observed drill pipe pressure fall to 0 psi. Annulus pressure = 0 psi. Recommenced pumping down string at 1.2 bbls/min, pressure increased to 1500 psi - getting partial returns. Estimated loss = 20 bbls. Stopped pumps and closed choke.
P22	TP (DH)	P3	0130	0230	1.00	4648.0m	Observed pressure increase on choke manifold to 200psi, drill pipe pressure 0 psi. Worked string up and down over 4m interval 4 times with 240klbs pickup, 178klbs down weight. Attempted to circulate string while working string up and down. Pressure fluctuated in drill pipe and annulus. Stop pumps - SICP = 200 psi SIDP = 100 psi.
P22	TP (DH)	P3	0230	0400	1.50	4648.0m	Attempted to bleed of casing pressure, bled off 6 bbls to trip tank, closed in choke and observed SICP immediately build back up to 200psi. SIDP = 0 psi. Pumped 3 bbls down string - drill pipe pressure increased but SICP remained at 200 psi - no circulation. Pumped 10 bbls total. Worked string up and down over a 2m interval - pressures fluctuated.
P22	TP (DH)	P3	0400	0600	2.00	4648.0m	Stopped working string and observed pressures: SICP and SIDP both stabalized at 300 psi after 30 minutes. Bled of 4.5 bbls from string (SSSV flapper closed) and observed drill string - no flow on drill pipe for 1 hour - SICP remained steady at 300 psi.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 04 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)	288	24 Aug 2008	04 Sep 2008	840.00	35.000	4648.0m

General Comments	
00:00 TO 24:00 Hrs ON 04 Sep 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.

General Comments	
	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.
Operational Comments	ROV operations: Removed Electrical Penetrator from SST.
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):	Viscosity	
Sample-From:	Pit #5	Filter-Cake:	K+C*1000:		H2O:	100%	PV
Time:	23:59	HThp-FL:	Hard/Ca:		Oil(%):		YP
Weight:	11.00sg	HThp-cake:	MBT:		Sand:		Gels 10s
Temp:	22C°		PM:		pH:	9.5	Gels 10m
			PF:		PHPA:		Fann 003
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.						Fann 006
							Fann 100
							Fann 200
							Fann 300
							Fann 600

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	9	0	262.0	
Rig Fuel	m3	0	10	0	281.0	
POTABLE WATER	MT	12	27	0	176.0	
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	7
Seadrill	11
Seadrill Services.	35
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	3
Expro Group	12
Well Dynamics	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	4
Cameron	3
Schlumberger (Wireline)	5
Total	101

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

Marine							
Weather on 04 Sep 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	70.0deg	1033.0mbar	13C°	1.0m	165.0deg	1s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2452.00klb	1.5m	165.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Item	Unit	Used	Quantity				
Pacific Battler		00.00	Onroute to Geelong.	Rig Fuel	m3		338.921
				Potable Water	Mt		335
				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			Rig Fuel	m3		577.445
				Potable Water	Mt		438
				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	1008 / 1022	10 / 13	Crew Change
BJW	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1443 / 1450	1 / 1	Nexus