

29 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\$3,096,400
Rig	West Triton	Days from spud	69.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$69,283,000
Wtr Dpth (MSL)	55.968m	Days on well	29.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Picking up and making up 7in tubing completion string and RIH. Depth at 06.00hrs 1550m		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Run completion to TR-SSSV, install and test same. RIH with remaining completion string to tubing hanger depth. Install and test tubing hanger. Land out tubing hanger in SST. Lock and test tubing hanger.		

Summary of Period 0000 to 2400 Hrs
Picked up and made up blast joints. Laid out total of 6 blast joints due to required torque not being met. Continued to run 5in completion string to 317m.
Picked up and made up ICV, gauge carrier and packer. Installed and pressure tested control lines.
Made up 7in tubing completion string and RIH to 812m.

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		15 Days	Pressure tested BOPs.	14 Days - 28 Aug 21 days 4 Sept.
Environmental Incident		6 Days	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a transfer hose failed shortly after commencing back-loading to the Valkyrie supply boat. Approximately 5 minutes after pumping commenced, the rigs watch-stander observed discoloration in the water. The transfer pump was immediately shut down. Total volume of spill was 21bbls SBM.
First Aid Case		2 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. It should be noted that the IP was not wearing gloves at the time of the incident.
PTW issued	15	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays.
STOP Card	45	0 Days		Stop cards submitted for the day.

**Operations For Period 0000 Hrs to 2400 Hrs on 29 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (TP)	C4	0000	0330	3.50	4648.0m	Continued to pick up and attempt to make up blast joints to the required torque. A total of 6 joints failed to meet torque requirements. This operation involved the laying out of two blast joints and picking up two replacement joints each time. Two to three attempts were made to make up blast joints to required torque before changing them out.
P22	P	C4	0330	0800	4.50	4648.0m	Continued picking up and made up 5in tubing completion string and RIH to 317.72m. Changed out joint #17 for #20.
P22	P	C4	0800	0900	1.00	4648.0m	Incorrect fill of tubing, tubing did not take the correct amount of fluid, suspected leak in tubing. Rigged up water bushing and pressure tested string to 500 psi for 5 mins - good test.
P22	P	C4	0900	0930	0.50	4648.0m	Picked up and made up assembly #7, internal control valve, HUC, gauge carrier, 10.75in packer and landing nipple.
P22	P	C4	0930	1700	7.50	4648.0m	Made up control lines to ICV and pressure tested control lines to 5,000psi for 15mins - good test. Made up control line to gauge carrier and tested gauge carrier control line to 5,000 psi for 15mins. Terminated control lines, connected Well Dynamics control line and tested same to 10,000psi for 15mins - good test. Function tested ICV and tested lines to 5,000psi for 15mins - good test.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	C4	1700	1800	1.00	4648.0m	Continued picking and making up 5in tubing completion string and RIH to 351m.
P22	P	C4	1800	2400	6.00	4648.0m	Changed over to 7in handling equipment. Continued picking up and making up 7in tubing completion string and RIH to 812m.

**Operations For Period 0000 Hrs to 0600 Hrs on 30 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	C4	0000	0600	6.00	4648.0m	(IN PROGRESS) Continued picking up and making up 7in tubing completion string and RIH to 2416m

**Operations For Period Hrs to Hrs on**

**Phase Data to 2400hrs, 29 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)	291.5	11 Aug 2008	23 Aug 2008	552.00	23.000	4648.0m
Completion/Recompletion(P22)	144	24 Aug 2008	29 Aug 2008	696.00	29.000	4648.0m

**General Comments**

00:00 TO 24:00 Hrs ON 29 Aug 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>	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.  13) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System.
<b>Operational Comments</b>	ROV operations: Repairs to hydraulics control system reservoir for manipulator arms ongoing.
<b>Operational Comments</b>	Expro Well Testing: Rigging up equipment 79.3% of lines installed and equipment rigged up. Rig Cool: Rigging up equipment 25% of all equipment rigged up.
<b>Operational Comments</b>	Average hole losses while running completion 1 - 2bbls/hr.



WBM Data		Cost Today AUD\$ 7122			
Mud Type: Calcium Chloride Brine	API FL:	Cl: 292547mg/l	Solids(%vol):	Viscosity	
Sample-From: Pit #8	Filter-Cake:	K+C*1000:	H2O: 100%	PV	
Time: 21:00	HTHP-FL:	Hard/Ca:	Oil(%):	YP	
Weight: 11.10sg	HTHP-cake:	MBT:	Sand:	Gels 10s	
Temp: 22C°		PM:	pH: 10	Gels 10m	
		PF:	PHPA:	Fann 003	
				Fann 006	
				Fann 100	
				Fann 200	
Comment	Fill trip tank as required with inhibited brine from pit #8.			Fann 300	
				Fann 600	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	8	0	316.0
Rig Fuel	m3	0	16	0	277.0
POTABLE WATER	MT	12	30	0	275.0
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	10
Seadrill	12
Seadrill Services.	34
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	3
Tamboritha	3
Tasman Oil Tools	2
Reach	1
Expro Group	12
Well Dynamics	4
BHI	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	4
Cameron	3
Scottech	2
<b>Total</b>	<b>109</b>



<b>Mud Volumes, Mud Losses and Shale Shaker Data</b>				Engineer : Brian Auckram/Tim Waldhuter			
Available	2581.6bbl	Losses	38.6bbl	Equipment	Description	Mesh Size	Comments
Active	160.0bbl	Downhole	38.6bbl	Shaker 1	VSM-300	280	
Mixing		Surf+ Equip	0.0bbl	Shaker 1	VSM-300	280	
Hole	1087.6bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	1334.0bbl	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	

<b>Marine</b>							
Weather on 29 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	70.0deg	1021.0mbar	12C°	1.0m	270.0deg	1s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2504.00klb	1.0m	270.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler	18.30		On location.	Rig Fuel	m3		501.809
				Potable Water	Mt		357
				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			On location.	Rig Fuel	m3		352.855
				Potable Water	Mt		245
				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
SBM Slops: 57m3.							

<b>Helicopter Movement</b>				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0955 / 1516	9 / 9	VIP visit Helicopter shutdown during visit