

26 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\$538,000
Rig	West Triton	Days from spud	66.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$64,797,600
Wtr Dpth (MSL)	55.968m	Days on well	26.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	RIH with clean out assembly to 2480m.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Complete clean out and displacement program to 11.00ppg filtered brine. POOH laying out 5.50" drill pipe.		

Summary of Period 0000 to 2400 Hrs
POOH laying out TCP guns. All guns fired. Picked up and made up and RIH with 10.750in clean out assembly.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		2 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.	
BOP Test		12 Days	Pressure tested Bop's.	14 Days - 28 Aug 21 days 4 Sept	
Environmental Incident		3 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 commencing pumping, the rig's watch-stander observed discoloration in the water. The transfer pump was immediately shut down. Total volume of spill 21bbbls SBM.  A Spill Notification was forwarded to ADA Drilling Superintendent and relevant Nexus personnel as soon as the events were known, in accordance with reportable spills procedure # 4.3.1 of the SBM Management Plan.	
Medical Treatment Case	1	0 Days	Painter received small laceration to left index finger.	Description of Incident The IP was injured as the third party supervisor was trying to remove an end cap from a 6 m section of perforating gun. The IP had done this task for approximately 6 hours without incident. The IP was holding a wrench on the section approximately 2 m from the end to stop it from turning while the third party supervisor used another wrench to break off the end cap. As the force was applied on the wrench used by the supervisor one end of the gun section slid off the small supporting cross beams and dropped approximately 2-3 inches landing on the IPS hand using the 2nd wrench.	
PTW issued	21	0 Days		Permit to work issued for the day.	
Safety Meeting		3 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .	
STOP Card	36	0 Days		Stop cards submitted for the day.	
Trip / Kick Drill	1	0 Days	Trip drill	Held trip drill with crew while POOH. Reaction time 58 seconds.	

Operations For Period 0000 Hrs to 2400 Hrs on 26 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	G8	0000	0200	2.00	4648.0m	Continued to POOH with 5.50in drill pipe to 1991m
P22	P	G8	0200	0300	1.00	4648.0m	Held JSA with all crews. Continued to POOH, laying out TCP assembly subs and racked back stand 3.50in drill pipe to firing head.
P22	P	G2	0300	2030	17.50	4648.0m	POOH laying out TCP gun assembly. All guns fired.
P22	P	G2	2030	2100	0.50	4648.0m	Rigged down TCP gun handling equipment.
P22	P	G13	2100	2130	0.50	4648.0m	Clean and cleared rig floor of all excess equipment, while cranes move TCP gun baskets to main deck and pick up and spot tools on catwalk for clean out assembly run. In conjunction with operating BOP functions.
P22	P	G2	2130	2230	1.00	4648.0m	Held JSA and picked up and made up 10.750in clean out assembly BHA. Comprising of 9.50in Hughes bit type MX-09, 10.750in casing scraper and 10.750in Well Patroller.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	G8	2230	2400	1.50	4648.0m	RIH with 10.750in clean up assembly BHA on 5.50in drill pipe to 481m.

**Operations For Period 0000 Hrs to 0600 Hrs on 27 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	G8	0000	0330	3.50	4648.0m	Continued to RIH with 10.750in clean up assembly BHA on 5.50in drill pipe to 2167m
P22	P	G8	0330	0430	1.00	4648.0m	Picked up and made up ball catcher and x-overs to 5.50in drill pipe.
P22	P	G8	0430	0600	1.50	4648.0m	RIH to 2233m. Worked cleanout assembly across HF-1 packer setting depth at 2242m, from 2233m - 2262m with 60rpm, 850gpm at 1200psi. Continued to RIH to 2480m.

**Operations For Period Hrs to Hrs on**

<b>Phase Data to 2400hrs, 26 Aug 2008</b>						
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)	72	24 Aug 2008	26 Aug 2008	624.00	26.000	4648.0m

**General Comments**

00:00 TO 24:00 Hrs ON 26 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: Installing tooling attachment to ROV. Maintenance of equipment.
<b>Operational Comments</b>	Expro Well Testing: Rigging up equipment, 54% of lines installed and equipment rigged up.



WBM Data		Cost Today AUD\$ 2500			
Mud Type: Calcium Chloride Brine	API FL:	Cl: 288973mg/l	Solids(%vol):	Viscosity	
Sample-From: Pit #6	Filter-Cake:	K+C*1000:	H2O: 100%	PV	
Time: 21:10	HThp-FL:	Hard/Ca:	Oil(%):	YP	
Weight: 11.10sg	HThp-cake:	MBT:	Sand:	Gels 10s	
Temp: 22C°		PM:	pH: 7	Gels 10m	
		PF:	PHPA:	Fann 003	
Comment	Filtered 450bbl of 11.3ppg brine into pit #4 and cut back with water to 11.0ppg to 495bbl total. Transferred filtered brine from pit #3 to pit #8 and added 57bbl filtered 11.3ppg brine and cut back with water to 11.0ppg to 485bbl total. Filtered remaining 197bbl of 11.3ppg brine from rig storage tank into pit #3 and cut back with water to 11.0ppg to 302bbl total volume. Transferred slops volume from pit #1 to pit #2. Flushed pit #1 with seawater and Baraklean.				Fann 006
				Fann 100	
				Fann 200	
				Fann 300	
				Fann 600	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	33	0	120.0	
Rig Fuel	m3	0	12	0	211.0	
POTABLE WATER	MT	12	37	0	174.0	
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	111	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	9
Seadrill	13
Seadrill Services.	34
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	3
Tamboritha	3
Tasman Oil Tools	2
Reach	1
Baker Atlas	7
Expro Group	10
Well Dynamics	4
BHI	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	1
Cameron	2
Scottech	2
<b>Total</b>	<b>110</b>



Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Gerald Lange/Tim Waldhuter			
Available	2772.2bbl	Losses	53.4bbl	Equipment	Description	Mesh Size	Comments
Active	265.0bbl	Downhole	28.4bbl	Shaker 1	VSM-300	280	
Mixing		Surf+ Equip	25.0bbl	Shaker 1	VSM-300	280	
Hole	1117.2bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	1390.0bbl	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 26 Aug 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	225.0deg	1025.0mbar	10C°	2.0m	270.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2274.00klb	3.0m	270.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler	15.30		On location.	Item	Unit	Used	Quantity
				Rig Fuel	m3		557.851
				Potable Water	Mt		436
				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

Adjustment to brine figures incorrect figures reported by vessel.

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Valkyrie			On route to locatin.ETA 13.00 27-08-08	Item	Unit	Used	Quantity
				Rig Fuel	m3		486.721
				Potable Water	Mt		415
				Drill Water	m3		448
				CEMENT G	Mt		0
				Barite	Mt		70
				Bentonite	Mt		34.8
				SOBM	m3		0
				Base Oil	m3		0
				Brine	m3		114.2

SBM Slops: 0m3.

**Helicopter Movement**

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0948 / 1005	14 / 13	