

19 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\$625,600
Rig	West Triton	Days from spud	59.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$58,917,200
Wtr Dpth (MSL)	55.968m	Days on well	19.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	RIH with BHA and 3.5in drill pipe.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	RIH and drill out cement retainer at 2669m. Continue RIH to TOC at +/- 4520m. Displace well to brine and POOH.		

Summary of Period 0000 to 2400 Hrs
While WOC POOH laying out 5.5in drill pipe to 1860m. Tested top of 7in liner lap at 2569.5m to 500 psi - good test. POOH and laid out cement retainer running tool. Made up and RIH with 9.5in bit to 1m above TOL at 2569.5m, no obstructions when RIH. Circulated bottoms up. POOH and laid out 78 joints of 5.5in drill pipe.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		2 Days	Held at 10:30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
BOP Test		5 Days	Pressure tested BOPs.	14 Days - 18th August 21 Days - 04th Sept
Dropped Object		37 Days	Broken bolt on Link Tilt bracket.	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break. The end of the bolt (10mm x 50mm) fell to the rig floor. Clamp remained coupled to the Bail Arm.
Incident	1	0 Days	Caught fingers between single joint elevators and drill pipe.	Roustabout caught fingers between single joint elevators and drill pipe while removing the pick up elevators from the drill pipe laying on catwalk. The air winch operator on the rig floor picked up on air winch while man was removing pick up elevators from drill pipe. Man went to medic for check up and then returned to work.
Medical Treatment Case	1	0 Days	Twisted ankle.	IP was descending stairs from Derrick when he stepped on to a boot wash tray and twisted his ankle. Went to medic where R.I.C.E was applied. IP will be sent to town for medical review.
PTW issued	13	0 Days		Permit to work issued for the day.
Recordable Case		2 Days	Sling failure when stretched.	A sling failed that was connected to a Rig Floor winch and used to locate the low-torque valve and hose assembly at the Side entry sub on the Drill String. The Driller lowered the Drill string to maintain required weight on the RTTS, and this resulted in the sling stretching until it parted.
Safety Meeting		3 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 13:00hrs Saturday and 00:45hrs on Sunday .
STOP Card	23	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	0 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 19 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	G8	0000	0030	0.50	4648.0m	While WOC continued to POOH laying out 5.5in drill pipe to 1860m.
P19	TP (DH)	P1	0030	0130	1.00	4648.0m	Lined up to Halliburton cement unit and pumped 4 bbls of SBM mud. Pressure tested lines to 1,000psi. Closed annular and tested top of 7in liner lap at 2569.50m with 500 psi and held for 10 minutes - good test. Pumped 6.90 bbls of SBM: 6.70 bbls SBM returned after bleeding off of pressure.
P19	TP (DH)	G1	0130	0200	0.50	4648.0m	Changed out bails for tripping operations.
P19	TP (DH)	G8	0200	0630	4.50	4648.0m	POOH and laid out cement retainer running tool.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	G1	0630	0700	0.50	4648.0m	Cleared excess equipment from rig floor and cleaned same from SBM.
P19	TP (DH)	G2	0700	0730	0.50	4648.0m	Picked up and made up 9.5in clean out BHA and RIH to 58m.
P19	TP (DH)	G8	0730	1400	6.50	4648.0m	RIH with 5.5in drill pipe and BHA to 1m above top of 7in liner at 2568m. No drag observed while RIH or at top of liner.
P19	TP (DH)	F4	1400	1530	1.50	4648.0m	Circulated bottoms up.
P19	TP (DH)	F3	1530	1630	1.00	4648.0m	Pumped 30 bbls slug and displaced same with 10 bbls SBM.
P19	TP (DH)	G8	1630	1930	3.00	4648.0m	POOH with 5.5in drill pipe to 1059m.
P19	TP (DH)	G8	1930	2400	4.50	4648.0m	Continued POOH laying out 5.5in drill pipe to 294m. Laid out 78 joints of 5.5in drill pipe. **Held TOFS on drill floor with drill and deck crews at 22:30hrs to highlight the hazards associated with repetitive tasks and remind personnel to keep focused on the job**

Operations For Period 0000 Hrs to 0600 Hrs on 20 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	G8	0000	0130	1.50	4648.0m	POOH to BHA laying out 5.5in drill pipe. Total of 102 joints laid out.
P19	TP (DH)	G6	0130	0200	0.50	4648.0m	Racked back BHA and broke off bit.
P19	TP (DH)	G2	0200	0330	1.50	4648.0m	Picked up and made up 6in Smith bit XR + PS and motor and 2 x 4.75in MNDC.
P19	TP (DH)	G8	0330	0600	2.50	4648.0m	RIH with BHA and 3.5in drill pipe.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 19 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)	195.5	11 Aug 2008	19 Aug 2008	456.00	19.000	4648.0m

General Comments	
00:00 TO 24:00 Hrs ON 19 Aug 2008	
Operational Comments	Adjustments to 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.

General Comments	
	12) Auto slips not being used as profile of slips not compatible with master bushing.
Operational Comments	ROV operations: Bulleyes on SST 1/2 degree Starboard Aft. Spud can survey on Port leg only no change observed. ROV recovery winch failed when recovering ROV.
Operational Comments	Expro Well Testing: Both flare booms fitted.

SBM Data		Cost Today AUD\$ 8763			
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 16%	Viscosity	159sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 226952mg/l	H2O: 28%	YP	23lb/100ft²
Sample-From: Pit 6	HTHP-FL: 6.0cc/30min	Elec.Stab.: 180mV	Oil(%): 54%	PV	66cp
Time: 19:00	HTHP-cake: 2/32nd"		Sand:	O/W Ratio:	66/34
Weight: 12.10sg	CaCl mud: 28.81		LGS: 1%	Gels 10s	10
Temp: 30C°	CaCl WP:		Oil On Cut:	Gels 10m	22
Comment	Back-loaded 465bbl of 11.6ppg contaminated "slops" SBM mud with cement spacer and water from the slops pit to Battler to be offloaded for conditioning. Back-loaded 8 drums OMC-42 to Battler. Added 50bbl base oil and 10bbl slops to active and treated with LE Supermul and Tau Mod to maintain properties and weighted to 12.0ppg with Barite. Transferred volume from solids control tanks to active. Rec'd 160x Liqui-vis and 9x Oxygen as per manifest WT-0079 OUT.			Fann 003	7
				Fann 006	10
				Fann 100	38
				Fann 200	
				Fann 300	89
				Fann 600	155

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	70	37	0	275.0	
Rig Fuel	m3	97	10	0	285.0	
POTABLE WATER	MT	12	33	0	342.0	
Cement class 'G'	MT	0	0	0	42.0	
Bentonite	MT	0	0	0	45.0	
Barite	MT	38	20	0	73.0	
SOBM	m3	0	0	0	2.0	
Brine	m3	29	0	0	194.0	
BLENDED CEMENT	MT	0	10	0	43.0	

Pumps																
Pump Data - Last 24 Hrs								Slow Pump Data								
No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1Flow1 (psi)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.44	97					20	117	30		176	40		234
2	National 14 P-220	6.50	1.44	97					20	117	30		176	40		234
3	National 14 P-220	6.50	1.44	97					20	117	30		176	40		234

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



Personnel On Board	
ADA	4
Seadrill	12
Seadrill Services.	36
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	4
Reach	1
Baker Atlas	6
Expro Group	2
Scotttech	2
Schlumberger DD	1
Total	87

Mud Volumes, Mud Losses and Shale Shaker Data		Engineer : Gerald Lange/Tim Waldhuter					
Available	1530.5bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	413.3bbl	Downhole		Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM-300	280	
Hole	1117.2bbl	Dumped		Shaker 3	VSM-300	280	
Slug Reserve Kill		De-Gasser De-Sander De-Sifter Centrifuge		Shaker 4	VSM-300	280	

Marine							
Weather on 19 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	245.0deg	1021.0mbar	9C°	1.0m	180.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2924.00klb	1.0m	180.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler	18.00		At location	Item	Unit	Used	Quantity
				Rig Fuel	m3		189.7
				Potable Water	Mt		365
				Drill Water	Mt		190
				CEMENT G	Mt		0
				Barite	Mt		42
				Bentonite	Mt		0
				Base Oil	m3		0
Brine	m3		75				
Pacific Valkyrie	18.00		On route to location.	Item	Unit	Used	Quantity
				Rig Fuel	m3		551.72
				Potable Water	Mt		455
				Drill Water	m3		448
				CEMENT G	Mt		0
				Barite	Mt		70
				Bentonite	Mt		34.8
				SOBM	m3		106
				Base Oil	m3		118
				Brine	m3		114.2

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1001 / 1018	9 / 12	

