



**18 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\$816,300
Rig	West Triton	Days from spud	58.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$58,291,600
Wtr Dpth (MSL)	55.968m	Days on well	18.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	POOH with cement retainer running tool.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	RIH with 9.5in clean out assembly to top of liner at 2569.5m. Circulate bottoms up and POOH. Make up and RIH 7in liner clean out assembly.		

**Summary of Period 0000 to 2400 Hrs**

Laid out TCP gun assembly. Rigged up and RIH with Schlumberger GR/CCL/HSD gun. Perforated 7.0in liner from 2675.0m to 2673.5m. POOH, laid out tool string and rigged down Schlumberger tools. Made up, RIH and set cement retainer at 2669m. Conducted cement job #2 through cement retainer. Pumped and displaced 30bbbls of "HTB" slurry at 15.00 ppg. Unset from cement retainer and circulated bottoms up: slight cement returns observed in mud. POOH laying out 5.5in drill pipe to 1938m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		1 Day	Held at 10:30 hours.	Rig alarms activated. Fire and Abandon drill conducted.	
BOP Test		4 Days	Pressure tested Bop's.	14 Days - 18th August 21 Days - 04th Sept	
Dropped Object		36 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		11 Days	Environmental spill	Overflow at mud shaker at start-up of drilling caused 3bbl mud to be lost overboard.	
Medical Treatment Case		5 Days	Strained lower back from slip.	Medic strained her back when she slipped on a wet spot on the floor at the galley, causing pain to the lumbar area of her back. Self administered First Aid and RTW.	
PTW issued	11	0 Days		Permit to work issued for the day.	
Recordable Case		1 Day	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		2 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.	

**Operations For Period 0000 Hrs to 2400 Hrs on 18 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	G1	0000	0100	1.00	4648.0m	Laid out TCP gun assembly.
P19	TP (DH)	G1	0100	0130	0.50	4648.0m	Laid out excess drilling equipment and cleaned rig floor of SBM.
P19	TP (DH)	C2	0130	0600	4.50	4648.0m	Held JSA and rigged up Schlumberger wireline. Made up GR/CCL/HSD gun and RIH at 02:45hrs. Correlated for depth of bottom shot at 2675m. Fired gun at 04:07hrs and observed a slight surface indication of gun firing. POOH and laid out guns: all shots fired. Rigged down Schlumberger wireline.  Bottom of perforations at 2675m. Top of perforations at 2673.5m. Gun details: 1.5m long 4.50 inch OD, 12 shots per foot of Powerjet Omega Pure charges.
P19	TP (DH)	G8	0600	0700	1.00	4648.0m	Picked up and made up 7in cement retainer and RIH on 3.5in drill pipe to 149m.
P19	TP (DH)	G1	0700	0730	0.50	4648.0m	Changed out to 5.5in elevators.
P19	TP	G8	0730	1330	6.00	4648.0m	RIH with cement retainer on 5.5in drillpipe to 2649m.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	(DH) TP	G1	1330	1400	0.50	4648.0m	Picked up and made up cement stand.
P19	(DH) TP	F4	1400	1430	0.50	4648.0m	Broke circulation with 300 gpm at 1000 psi. Worked retainer up and down within 2m of intended setting depth.
P19	(DH) TP	G10	1430	1530	1.00	4648.0m	Set cement retainer at 2669m with 40 RH turns, staged up to 37K o/pull to shear tension sleeve. Picked up 2m and took 25 RH turns to release stinger. Picked up 2m to confirm clear. Stung back into retainer and set down 35k. Rigged up cement hose. Established circulation up outside of liner with 500gpm at 1700psi.
P19	(DH) TP	F3	1530	1700	1.50	4648.0m	Pumped 5 bbls of fresh water with cement unit and tested lines to 3000psi. Pumped 30 bbls of fresh water, followed by 60 bbls of 13.5 ppg tuned spacer followed by another 10 bbls of fresh water. Mixed and pumped 30 bbls of 15.0 ppg "HTB" slurry. Displaced with 10 bbls of fresh water and 168 bbls of SBM.  Theoretical top of cement within 7in liner/10.75in casing at 2569m. Theoretical bottom of cement within 7in liner/9.5in hole at 2675m.
P19	(DH) TP	F4	1700	1830	1.50	4648.0m	Picked up 2m out of cement retainer and circulated bottoms up at 600 gpm and 2300 psi. Observed slight cement contamination in returns on bottoms up (diverted spacers to slops pit).
P19	(DH) TP	G8	1830	1930	1.00	4648.0m	Rigged down cement line and racked back cement stand. Pumped slug. POOH to 2540m.
P19	(DH) TP	G1	1930	2000	0.50	4648.0m	Changed out bails to lay out 5.5in drill pipe.
P19	(DH) TP	G8	2000	2400	4.00	4648.0m	While WOC: POOH, laying out 5.5in drill pipe to 1938m.

**Operations For Period 0000 Hrs to 0600 Hrs on 19 Aug 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	(DH) TP	G8	0000	0030	0.50	4648.0m	While WOC: continued to POOH laying out 5.5in drill pipe to 1860m.
P19	(DH) TP	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	(DH) TP	G1	0130	0200	0.50	4648.0m	Changed out bails for tripping operations.
P19	(DH) TP	G8	0200	0600	4.00	4648.0m	POOH with cement retainer running tool.

**Operations For Period Hrs to Hrs on**

<b>Phase Data to 2400hrs, 18 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)	171.5	11 Aug 2008	18 Aug 2008	432.00	18.000	4648.0m

<b>General Comments</b>	
00:00 TO 24:00 Hrs ON 18 Aug 2008	
<b>Operational Comments</b>	Adjustments to 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.

General Comments	
	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.

SBM Data		Cost Today AUD\$ 8970			
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 16%	Viscosity	163sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 220854mg/l	H2O: 29%	YP	23lb/100ft²
Sample-From: Pit 6	HTHP-FL: 6.0cc/30min	Elec.Stab.: 175mV	Oil(%): 53%	PV	63cp
Time: 23:00	HTHP-cake: 2/32nd"		Sand:	O/W Ratio:	65/35
Weight: 11.90sg	CaCl mud: 28.81		LGS: 3%	Gels 10s	10
Temp: 30C°	CaCl WP:		Oil On Cut:	Gels 10m	18
Comment	Clean slug pit in preparation for mixing tuned spacer. Prepare 13.5ppg slug in slug pit. Increase in water percentage due to contamination from water/spacers used in previous cement jobs. Cementing through the perforations into the top of the 7" liner, 274bbl of Accolade mud was contaminated with the cement spacer train and was disposed to slops pit. Accolade volume transferred to slops pit was contaminated with 35bbl water, 60bbl tuned spacer, 10bbl water, 5-10bbl cement and a further 10bbl water from cement job.			Fann 003	7
				Fann 006	10
				Fann 100	36
				Fann 200	
				Fann 300	86
				Fann 600	149

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	38	0	242.0
Rig Fuel	m3	0	10	0	198.0
POTABLE WATER	MT	12	31	0	363.0
Cement class 'G'	MT	0	10	0	42.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	55.0
SOBM	m3	0	0	0	2.0
Brine	m3	0	0	0	165.0
BLENDED CEMENT	MT	0	0	0	53.0

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)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.44	97				4558.0	20	400	117	30	550	176	40	720	234
2	National 14 P-220	6.50	1.44	97				4558.0	20	400	117	30	550	176	40	700	234
3	National 14 P-220	6.50	1.44	97				4558.0	20	380	117	30	525	176	40	700	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 7 inch liner at 4520m

Personnel On Board	
Company	Pax
ADA	4
Seadrill	12
Seadrill Services.	35
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	3
Tamboritha	3
Q Tech	1
Tasman Oil Tools	4
Reach	1
Baker Atlas	6
Expro Group	2
Scottech	2
Schlumberger	3
Schlumberger DD	1
<b>Total</b>	<b>90</b>

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Gerald Lange/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1456.5bbl	0.0bbl	Shaker 1	VSM-300	280			
Active 161.0bbl	Downhole	Shaker 2	VSM-300	280			
Mixing	Surf+ Equip 0.0bbl	Shaker 3	VSM-300	280			
Hole 1034.5bbl	Dumped	Shaker 4	VSM-300	280			
Slug Reserve 261.0bbl	De-Gasser De-Sander						
Kill	De-Silter Centrifuge						

**Marine**

Weather on 18 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	24kn	245.0deg	1024.0mbar	7C°	2.0m	180.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2840.00klb	3.0m	180.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler	18.00		At location	Rig Fuel	m3		299.6
				Potable Water	Mt		440
				Drill Water	Mt		190
				CEMENT G	Mt		0
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		0
				Brine	m3		100
				Pacific Valkyrie	22.00		At Geelong
Potable Water	Mt		285				
Drill Water	m3		448				
CEMENT G	Mt		0				
Barite	Mt		70				
Bentonite	Mt		34.8				
SOBM	m3		106				
Base Oil	m3		118				
Brine	m3		0				



<b>Helicopter Movement</b>				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0954 / 1007	3 / 3	