



13 Aug 2008

From: B Openshaw/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	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	AUD\$993,100
Rig	West Triton	Days from spud	53.94	Shoe MDBRT	2590.8m	Cum Cost	AUD\$54,908,600
Wtr Dpth (MSL)	55.968m	Days on well	13.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	POOH with 7 inch liner running tool. Depth at 06.00 800m.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Set 7 inch RTTS in top of linerto confirm whether or not circulation is possible.		

Summary of Period 0000 to 2400 Hrs

Ran 7 inch liner to 4648 meters. Attempted to cement casing observed pressure increase to 2500 psi after 4 bbls cement pumped. Trouble shoot cause. Circulated out spacers, observed spacers at surface after 5000 strokes pumped indicating circulation from top of liner. Racked back cement stand and POOH.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		3 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
BOP Test		22 Days	Pressure test on nipple up	14 Days - 5th August 21 Days - 12th August
Dropped Object		31 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		6 Days	Environmental spill	Overflow at mud shaker at start-up of drilling caused 3bbl mud to be lost overboard.
Medical Treatment Case	1	0 Days	Strained lower back from slip.	Medic strained her 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	8	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday and 0045 on Sunday .
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 13 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	P	G9	0000	0030	0.50	4648.0m	Held JSA and ran 7 inch liner to 2074m, filling liner every 5 jnts.
P19	P	G1	0030	0230	2.00	4648.0m	Changed out bails and handling equipment.
P19	P	G9	0230	0300	0.50	4648.0m	Made up 7 inch liner setting tool and RIH to 2083m.
P19	P	F4	0300	0330	0.50	4648.0m	Circulated 7 inch liner volume at 2083m with GPM 520, PSI 1000.
P19	P	G9	0330	1330	10.00	4648.0m	RIH with 7 inch liner on 5.5 inch drill pipe to 4648m tagged bottom with 10k down. Filled pipe every 5 stands. Work through dogleg at 3165m - 3224m with 30k down weight under running weight.
P19	P	G9	1330	1530	2.00	4648.0m	Racked back stand and made up cement stand. Set down 30k and pumped at 83gpm, 600psi. Picked up string to 4647m. Dropped ball, pumped at 226gpm, 1000 psi. Observed pressure increase to 2700 psi. Held pressure 3 minutes to confirm ball set. Picked up 1 meter to confirm release of running tool.
P19	P	G9	1530	1630	1.00	4648.0m	Sheared out ball set with 4000psi. Set down 10k and rotated string at 20 rpm, 16-17k ft/lbs torque. Circulated at 230gpm, 500psi, while preparing for cement job.
P19	P	G9	1630	1730	1.00	4648.0m	Held JSA and rigged up cement lines.
P19	P	G9	1730	1830	1.00	4648.0m	Pumped with rig pumps 60 bbls Accolade base oil, followed by 60 bbls Tuned spacer and chased with 10 bbls brine. With Haliburton Pumped 8 bbls drill water, tested lines to 3000psi. Pumped 2 bbls drill water.
P19	TU (DH)	G9	1830	1930	1.00	4648.0m	Commenced to mix and pump cement at 15.00 ppg. Observed pressure increased to 2500 psi after 4 bbls pumped, stopped pumping. Bleed of pressure and open cement lines to confirm flow path. Dumped cement from mix tub and clean unit.
							Assesed situation and disussed options with town.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TU (DH)	G9	1930	2030	1.00	4648.0m	With cement unit commenced pumping drill water at 4 bbls/min observed pressure increased to 3100psi and then gradually dropping to 2000psi observed returns in flow line. Increased pump rate to 5 bbls/min at 3500psi. Stopped pumping observed 450 psi pressure differential.
P19	TU (DH)	G9	2030	2300	2.50	4648.0m	Lined up to rig pumps and commenced circulating at 200gpm, 700 psi. Staged up pumping rate to 12.5 bbls/min 2500psi. Initial torque 10-15k ft/lbs, torqued dropped down to 3-5k ft/lbs. While circulating pressure was fluctuating up to 3000psi down to 1750psi. Observed spacer returns at surface after 695 bbls pumped, indicating returns from top of 7 inch liner. Continued to circulate till mud in balance.
P19	TU (DH)	G9	2300	2330	0.50	4648.0m	Stopped pumping, move string down 0.90 meter and set down 10k on to liner and attempted to rotate string at 35k ft/lbs torque while circulating at 12.5 bbls/min 2600psi, no rotation in string observed.
P19	TU (DH)	G9	2330	2400	0.50	4648.0m	Rigged down cement lines and racked back cement stand.

Operations For Period 0000 Hrs to 0600 Hrs on 14 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TU (DH)	G9	0000	0030	0.50	4648.0m	POOH to 2412m.
P19	TU (DH)	G9	0030	0200	1.50	4648.0m	Picked up and laid out cement head. Dart still in cement head.
P19	TU (DH)	G9	0200	0600	4.00	4648.0m	POOH with 7 inch liner running tool. Depth at 06.00 800m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 13 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)	51.5	11 Aug 2008	13 Aug 2008	312.00	13.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 13 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	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 plates. 6) No spare UpperTop Drive IBOP or parts on board for Upper IBOP. 7) Number 4 main generator down. Exciter and generator sent ashore. 8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 9) Pumping pressure read-out at Cyber chair display not accurate. At 2800psi pump pressure, cyber display reads 3600psi. 10) Remote controller for Iron Roughneck not operational. 11) Automatic drill pipe elevators not working. 12) 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.
Operational Comments	Hours on jar ser. No 1416-1515: 147hrs



SBM Data		Cost Today AUD\$ 43336							
Mud Type:	ACCOLADE	HTHP-Temp:	120C°	Ex.Lime:		Solids(%vol):	20%	Viscosity	123sec/qt
Oil Type:	ACCOLADE BASE	HTHP:	500psi	Salinity:	291509mg/l	H2O:	20%	YP	38lb/100ft²
Sample-From:	Pit 5	HTHP-FL:	4.0cc/30min	Elec.Stab.:	410mV	Oil(%):	58%	PV	52cp
Time:	20:00	HTHP-cake:	2/32nd"			Sand:	0.2	O/W Ratio:	74/26
Weight:	12.20sg	CaCl mud:	28.15			LGS:	8%	Gels 10s	15
Temp:	25C°	CaCl WP:				Oil On Cut:	12%	Gels 10m	22
Comment	Clean mud pits #4, #7 and #8. Prepare 393bbl 11.0ppg brine with 1.5% Radiagreen EME and 1 gal/bbl Liqui-vis EP in pit #8. Prepared 383bbl 11.0ppg Brine with 5% Baraklean NS in pit #4. Prepared 70bbl brine with 1.8ppb N-vis in slug pit. Circulate Base Oil and tuned spacers out of hole and direct spacer returns to slops pit (pit #2). Transferred slug pit to pit #8 to allow preparation of HW slug for POOH.							Fann 003	11
								Fann 006	14
								Fann 100	45
								Fann 200	
								Fann 300	90
								Fann 600	142

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	105	21	0	210.0
Rig Fuel	m3	0	10	0	250.0
POTABLE WATER	MT	12	31	0	285.0
Cement class \G\'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	16	0	65.0
SOBM	m3	0	0	0	2.0
Brine	m3	82	106	0	174.0
BLENDED CEMENT	MT	0	0	0	81.0

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 (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

Personnel On Board	
Company	Pax
ADA	5
Seadrill	12
Seadrill Services.	39
Catering	9
Halliburton	2
Baker Hughes Inteq	3
Halliburton	3
Tamboritha	3
Q Tech	1
Tasman Oil Tools	4
K&M	1
Reach	1
Baker Atlas	6
Weatherford	4



Personnel On Board	
Expro Group	2
Baker Hughes	1
Scottch	2
Total	98

Mud Volumes, Mud Losses and Shale Shaker Data		Engineer : Brian Auckram/Tim Waldhuter					
Available	1936.8bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	271.0bbl	Downhole		Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM-300	280	
Hole	1322.8bbl	Dumped		Shaker 3	VSM-300	280	
Slug Reserve	343.0bbl	De-Gasser De-Sander		Shaker 4	VSM-300	280	
Kill		De-Silter Centrifuge Evaporation					

Marine							
Weather on 13 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	45kn	245.0deg	1021.0mbar	7C°	4.0m	230.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2793.00klb	5.0m	230.0deg	6s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler			At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		384.6
				Potable Water	Mt		330
				Drill Water	Mt		150
				CEMENT G	Mt		
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		0
				Brine	m3		28
Pacific Valkyrie			At Geelong.	Item	Unit	Used	Quantity
				Rig Fuel	m3		288.9
				Potable Water	Mt		353
				Drill Water	m3		618
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		74
				Base Oil	m3		118
Brine	m3		119				

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1053 / 1108	15 / 14	