



28 Jul 2008

From: B Openshaw/ R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	2987.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2604.7m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	91.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$704,800
Rig	West Triton	Days from spud	37.94	Shoe MDBRT	2590.8m	Cum Cost	US\$41,441,900
Wtr Dpth (MSL)	56.000m	Days on well	4.31	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.0m	Current Op @ 0600	Rigging up to run wireline logs.		
RT-ML	97.100m	Planned TD TVDRT	2702.0m	Planned Op	Run wireline logs.		

Summary of Period 0000 to 2400 Hrs
 RIH with 9.5in BHA from 143m to 209m. Shallow tested tools and continued to RIH to 2637m washing down the last 17m. Recaptured missing MWD/LWD data from 4 sections over the total interval from 2640m to 2813m. Reamed the cored section and continued to drill 9.5in hole from 2896m to 2987m - final TD of Pilot hole. Circulated sample up and POOH to 2430m.

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.	
Drills		1 Day	Spill Drill - real time.	Reaction to the overflow at the upper transverse trough.	
Dropped Object		15 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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.	
First Aid Case		3 Days	Relief derrickman caught hand at monkey board.	The relief derrickman was pulling back pipe when he lost his balance and placed his hand in such a position to have it caught between the pipe and the finger latch.	
Incident		1 Day	Environmental spill	Overflow at upper transverse trough due to blocked flow line. Approximately 65 ltrs.	
PTW issued	4	0 Days		Permit to work issued for the day.	
Safety Meeting		2 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 on Saturday morning and 0045 on Sunday .	
STOP Card	31	0 Days		Stop cards submitted for the day.	
Time Out For Safety	1	14 Days		Crane operator held discussion with banksmen regarding dogging techniques.	

Operations For Period 0000 Hrs to 2400 Hrs on 28 Jul 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G8	0000	0030	0.50	2896.0m	Continued RIH BHA from 143m to 209m.
P15	P	P2	0030	0100	0.50	2896.0m	Made up 1 stnd DP and performed shallow MWD/LWD test at 650gpm.
P15	P	G8	0100	0600	5.00	2896.0m	Installed diverter insert and continued RIH from 209m to 2620m filling string every 20 stands.
P15	P	F1	0600	0630	0.50	2896.0m	Washed down from 2620m to 2637m.
P15	TP (TP)	D6	0630	0930	3.00	2896.0m	Reamed down over the following intervals to recapture missing data from previous MWD/LWD tools. From 2640m to 2670m, from 2720m to 2735m, from 2750m to 2766m and from 2792m to 2813 using 500gpm, 120m/hr, 120rpm.
P15	P	D6	0930	1130	2.00	2896.0m	RIH to 2841m and reamed cored section from 2841m to 2896m using 150rpm, 720gpm.
P15	P	D2	1130	2100	9.50	2987.0m	Continued drilling 9.5in hole from 2896m to 2987m (2604.7m TVD) - final TD of Pilot hole. Surveyed every connection.
P15	P	F4	2100	2130	0.50	2987.0m	While circulating bottom sample to surface, reamed over 2975m to 2987m to recapture missing data from MWD/LWD tools.
P15	P	F3	2130	2200	0.50	2987.0m	Flowchecked well and pumped slug.
P15	P	G8	2200	2400	2.00	2987.0m	POOH from 2987m to shoe at 2591m, flowchecked and continued to POOH to 2430m.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Jul 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G8	0000	0330	3.50	2987.0m	Continued to POOH from 2430m to top of BHA, flowchecked and continued POOH BHA.
P15	P	G7	0330	0530	2.00	2987.0m	Laid out Jars, unloaded RA source, broke out bit and bit sub and laid down Schlumberger MWD/LWD tools.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G1	0530	0600	0.50	2987.0m	Cleaned rig floor, held PJSM and commenced rigging up for Schlumberger wireline logs.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 28 Jul 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Pilot Hole (1)(P15)	103.5	24 Jul 2008	28 Jul 2008	103.50	4.313	2987.0m

General Comments	
00:00 TO 24:00 Hrs ON 28 Jul 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 - delivery mid September. 2) Number 4 main generator down. Exciter and generator sent ashore. 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) No 5 main engine down - excessive vibrations, cause unknown. 8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).
Operational Comments	Jars Ser No. 14161588: 127hrs

SBM Data		Cost Today US\$ 24126		
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 19%	Viscosity 78sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 264068mg/l	H2O: 24%	YP 32lb/100ft²
Sample-From: Pit 6	HTHP-FL: 4.0cc/30min	Elec.Stab.: 510mV	Oil(%): 55%	PV 44cp
Time: 21:30	HTHP-cake: 2/32nd"		Sand:	O/W Ratio: 69/31
Weight: 12.00sg	CaCl mud: 30.18		LGS: 8%	Gels 10s 15
Temp: 59C°	CaCl WP:		Oil On Cut: 10%	Gels 10m 18
Comment	Added 1ppb LE Supermul to premix pits 1 and 2. Added 1.2ppb LE Supermul, 0.3ppb Tau Mod and 0.3ppb Adapta to active to maintain mud properties. Dusted in Barite to active to maintain mud weight 12.0ppg while drilling rat hole. Prepared HW slug for POOH. Run centrifuge in Barite recovery mode to reduce LGS.			Fann 003 12
				Fann 006 14
				Fann 100 41
				Fann 200
				Fann 300 76
				Fann 600 120

Bit # 9			Wear	I	O1	D	L	B	G	O2	R
				1	7	WT	S	X	I	RO	TD
Bitwear Comments:											
Size ("):	9.50in	IADC#	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run				
Mfr:	SMITH	WOB(avg) 25.00klb	No.	Size	Progress	91.0m	Cum. Progress	91.0m			
Type:	PDC	RPM(avg) 160	7	16/32nd"	On Bottom Hrs	7.0h	Cum. On Btm Hrs	7.0h			
Serial No.:	JY2802	F.Rate 725gpm			IADC Drill Hrs	9.5h	Cum IADC Drill Hrs	9.5h			
Bit Model	M716PXC	SPP 3000psi			Total Revs		Cum Total Revs	0			
Depth In	2896.0m	HSI			ROP(avg)	13.00 m/hr	ROP(avg)	13.00 m/hr			
Depth Out	2987.0m	TFA 1.374									
Bit Comment											



BHA # 11							
Weight(Wet)	29.00klb	Length	209.0m	Torque(max)	14000ft-lbs	D.C. (1) Ann Velocity	398fpm
Wt Below Jar(Wet)	7.00klb	String	220.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	414fpm
		Pick-Up	230.00klb	Torque(On.Btm)	10000ft-lbs	H.W.D.P. Ann Velocity	296fpm
		Slack-Off	205.00klb			D.P. Ann Velocity	296fpm

BHA Run Description 9.5" PDC bit, bit sub, x/o, Ecoscope, Telescope, NMHWDP, X/O, 3x 5.5" HWDP, X/O, Jar, X/O, 15x 5.5"HWDP

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
PDC Bit	0.25m			JY2802		
Bit Sub	1.22m	6.50in				
X/O	0.46m	6.50in				
ECO Scope	8.04m	6.75in		763		
Tele Scope	8.52m	6.88in		EO330		
NM HWDP	9.19m	6.75in		SBD 3170		
X/O	0.49m	7.00in				
HWDP	28.03m	7.06in		5120301/36/34		
X/O	0.91m	7.00in				
Jar	9.73m	6.25in		14161588		
X/O	1.22m	7.00in				
HWDP	140.96m	7.00in				

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/S (m)	E/W (m)	DLS (deg/30m)	Tool Type
2857.04	46.10	183.10	0.00	0.00	0.0	0.0	0.00	
2886.94	46.60	182.90	2404.03	-1320.85	-1320.9	-68.4	3.27	
2916.37	46.20	183.30	2424.67	-1342.46	-1342.5	-69.5	0.52	
2946.06	45.00	184.20	2444.97	-1363.74	-1363.7	-70.7	0.50	
2970.49	45.10	184.60	2465.74	-1384.90	-1384.9	-72.1	1.38	
2987.00	45.10	184.60	2483.00	-1402.14	-1402.1	-73.4	0.37	
			2494.65	-1413.80	-1413.8	-74.3	0.00	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	8	0	180.0	
Rig Fuel	m3	0	7	0	291.0	
POTABLE WATER	MT	4	26	0	233.0	
Cement class \G\	MT	0	5	1	64.0	
Bentonite	MT	0	0	0	45.0	
Barite	MT	0	0	0	186.0	
SOBM	m3	0	0	0	48.0	
Brine	m3	78	0	0	78.0	

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	62	3000	363	2931.0	30	320	176	40	450	234	50	620	293
2	National 14 P-220	6.50	1.44	97	62	3000	363	2931.0	30	320	176	40	410	234	50	600	293
3	National 14 P-220	6.50	1.44	97					20		120	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 /	200bbl class "G" at 15.8ppg, TOC at 1900m



Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
		2337.57m	

Personnel On Board	
Company	Pax
ADA	6
Seadrill	12
Seadrill Services.	37
Catering	8
Halliburton	2
Baker Hughes Inteq	7
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Reach	1
Baker Atlas	4
Schlumberger	15
Total	100

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	2927.8bbl	Losses	94.3bbl	Equipment	Description	Mesh Size	Comments
Active	409.0bbl	Downhole	18.3bbl	Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	30.0bbl	Shaker 1	VSM-300	255	
Hole	814.8bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	1704.0bbl	De-Gasser		Shaker 2	VSM-300	280	
		De-Sander		Shaker 3	VSM-300	280	
				Shaker 3	VSM-300	280	
Kill		De-Silting		Shaker 3	VSM-300	280	
		Centrifuge	30.0bbl	Shaker 4	VSM-300	280	
		Evaporation	16.0bbl	Shaker 4	VSM-300	280	

Marine							
Weather on 28 Jul 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	160.0deg	1011.0mbar	8C°	1.4m	140.0deg	5s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2703.00klb	3.0m	140.0deg	8s	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		544
				Potable Water	Mt		430
				Drill Water	Mt		330
				CEMENT G	Mt		0
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		115.3
				Brine	m3		119.2
				Brine figure subject to confirmation.			
Pacific Valkyrie			At Geelong	Item	Unit	Used	Quantity
				Rig Fuel	m3		162.1
				Potable Water	Mt		211
				Drill Water	m3		718
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		5
				Base Oil	m3		0
				Brine	m3		0



Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1455 / 1515	16 / 14	Crew Change Schlumberger W/Line