



09 Aug 2008

From: B Openshaw/R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	4582.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2688.3m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	362.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$688,900
Rig	West Triton	Days from spud	49.94	Shoe MDBRT	2590.8m	Cum Cost	US\$50,969,400
Wtr Dpth (MSL)	56.000m	Days on well	9.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.0m	Current Op @ 0600	Circulating to clean hole after well was TD'd at 4648m (2695.9m TVD). Current bit depth 4590m.		
RT-ML	97.100m	Planned TD TVDRT	2702.0m	Planned Op	Circulate hole clean and POOH in stages to prepare well for running of 7in liner.		

Summary of Period 0000 to 2400 Hrs

Drilled ahead 9.5in hole as per DD and geology requirements from 4220m to 4558m. Repaired leaking wash pipe. Decision from Nexus to continue drilling requiring picking up of extra DP. POOH 5 stnds, RIH picking up 10jnts HT55 and 2jnts XT57 DP - first jnt requiring reaming to enable RIH. Drilled ahead from 4558m to 4582m (2688.3m TVD).

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		13 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
BOP Test		18 Days	Pressure test on nipple up	14 Days - 5th August 21 Days - 12th August
Dropped Object		27 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		2 Days	Environmental spill	Overflow at mud shaker at start-up of drilling caused 3bbl mud to be lost overboard.
Medical Treatment Case		4 Days	Mud technician cut hand on glass retort.	While trying to push paper towels down a retort tube to dry it, the mud technician used too much force which broke the retort causing his hand to slip down onto the retort thus cutting his hand. He received 3 stitches from the medic and is back at work.
PTW issued	12	0 Days		Permit to work issued for the day.
Safety Meeting		0 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday and 0045 on Sunday .
STOP Card	25	0 Days		Stop cards submitted for the day.
Time Out For Safety	2	7 Days		

Operations For Period 0000 Hrs to 2400 Hrs on 09 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	D4	0000	1800	18.00	4558.0m	Continued controlled drilling as per DD requirements from 4220m to 4558m. Drilling parameters: 150rpm, 17-25klbs WOB, 760gpm, 3900psi, 13-19kft-lbs torque.
P12	TP (RE)	G11	1800	1830	0.50	4558.0m	Wash pipe leaked on TDS - retighten.
P12	P	G2	1830	2000	1.50	4558.0m	Decision from Nexus to drill further requiring pick up of extra DP. POOH 5 stnds from 4558m to 4411m and rack back.
P12	TP (WB)	G2	2000	2130	1.50	4558.0m	Picked up first jnt of HT55 DP and attempted to RIH - unable to RIH with 40klbs down. Laid down the HT55 jnt, picked up a stnd of DP, made up TDS and reamed past 4412m to end of stnd. Racked back stnd of DP.
P12	P	G2	2130	2230	1.00	4558.0m	Continued to pick up 10jnts of HT55 DP and 2 jnts of XT57 DP and x/overs making up a total of 4 stnds.
P12	P	D4	2230	2400	1.50	4582.0m	Continued drilling 9.5in hole as per DD requirements from 4558m to 4582m.

Operations For Period 0000 Hrs to 0600 Hrs on 10 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	D4	0000	0230	2.50	4648.0m	Continued drilling 9.5in hole as per DD requirements from 4582m to 4648m. (2695.9m TVD). Final depth of well as confirmed by Nexus.
P12	P	F4	0230	0600	3.50	4648.0m	(IN PROGRESS) Circulated hole clean at 760gpm, 150rpm racking back one stand of DP every hour after circulating 1x bottoms up. Repeated above for 5 stands to 4472m.



Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 09 Aug 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Production Hole (2)(P12)	216	01 Aug 2008	09 Aug 2008	216.00	9.000	4582.0m

General Comments	
00:00 TO 24:00 Hrs ON 09 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: 132hrs
Operational Comments	Magnetic material collected in flowline during 24hrs: 1.9kg Accumulated total: 7.67kg

SBM Data		Cost Today US\$ 5462			
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 19%	Viscosity	75sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 291174mg/l	H2O: 21%	YP	33lb/100ft²
Sample-From: Flowline	HTHP-FL: 5.0cc/30min	Elec.Stab.: 430mV	Oil(%): 58%	PV	60cp
Time: 21:40	HTHP-cake: 2/32nd"		Sand: .25	O/W Ratio:	73.4/26.6
Weight: 12.10sg	CaCl mud: 29.12		LGS: 7%	Gels 10s	15
Temp: 66C°	CaCl WP:		Oil On Cut: 10%	Gels 10m	24
Comment	Run centrifuges in Barite recovery mode to reduce LGS.			Fann 003	12
				Fann 006	15
				Fann 100	48
				Fann 200	
				Fann 300	93
				Fann 600	153

Bit # 11		Wear	I	O1	D	L	B	G	O2	R
Size ("):		9.50in	IADC#	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Bitwear Comments:										



Mfr:	REED	WOB(avg)	20.00klb	No.	Size	Progress	362.0m	Cum. Progress	1005.0m
Type:	PDC	RPM(avg)	150	6	16/32nd"	On Bottom Hrs	12.6h	Cum. On Btm Hrs	39.0h
Serial No.:	216535	F.Rate	760gpm			IADC Drill Hrs	19.5h	Cum IADC Drill Hrs	59.0h
Bit Model	RSX616M-A4	SPP	3900psi			Total Revs		Cum Total Revs	0
Depth In	3577.0m	HSI				ROP(avg)	28.73 m/hr	ROP(avg)	25.77 m/hr
Depth Out	4648.0m	TFA	1.178						

Bit Comment

BHA # 13

Weight(Wet)	30.00klb	Length	215.0m	Torque(max)	19000ft-lbs	D.C. (1) Ann Velocity	434fpm
Wt Below Jar(Wet)	14.00klb	String	215.00klb	Torque(Off.Btm)	10000ft-lbs	D.C. (2) Ann Velocity	402fpm
		Pick-Up	330.00klb	Torque(On.Btm)	16000ft-lbs	H.W.D.P. Ann Velocity	310fpm
		Slack-Off	181.00klb			D.P. Ann Velocity	310fpm

BHA Run Description 9.5in PDC bit, PD Xceed 675, Eco scope, Tele scope, NM HWDP, X/O, 6x 5.5" HWDP, X/O, Jar, X/O, 12x 5.5" HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
PDC Bit	0.22m	9.50in		216535	
PD Xceed 675	7.66m	6.75in		267	
ECO Scope	8.05m	9.13in		805	
Tele Scope	8.52m	6.88in		FU22	
NM HWDP	9.19m	6.75in		SBD 3170	
X/O	0.91m	7.00in		508A67	
HWDP	56.23m	7.06in			
X/O	0.42m	7.00in		115612	
Jar	9.62m	6.25in		1416-1515	
X/O	1.22m	7.00in		SSD7142	
HWDP	112.76m	7.00in			

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
4301.34	92.00	195.80	2617.58	-2657.63	-2657.6	-200.1	0.70	
4331.00	93.00	195.60	2616.28	-2686.16	-2686.2	-208.1	1.03	
4360.69	91.00	195.40	2615.25	-2714.75	-2714.7	-216.1	2.03	
4390.61	87.70	193.30	2615.59	-2743.73	-2743.7	-223.5	3.92	
4419.25	84.60	189.90	2617.51	-2771.71	-2771.7	-229.2	4.81	
4448.12	85.60	190.30	2619.97	-2800.03	-2800.0	-234.3	1.12	
4478.07	84.90	191.50	2622.45	-2829.34	-2829.3	-239.9	1.39	
4507.60	84.60	193.00	2625.16	-2858.07	-2858.1	-246.2	1.55	
4538.99	84.60	192.70	2628.11	-2888.54	-2888.5	-253.1	0.29	
4568.77	85.00	189.40	2630.81	-2917.64	-2917.6	-258.8	3.34	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	13	0	183.0
Rig Fuel	m3	0	12	0	232.0
POTABLE WATER	MT	89	27	0	357.0
Cement class 'G'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	110.0
SOBM	m3	0	117	0	2.0
Brine	m3	0	0	0	192.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner	MW	Eff (%)	SPM	SPP	Flow	Depth	SPM1	SPP1	Flow1(gpm)	SPM2	SPP2	Flow2	SPM3	SPP3	Flow3



Pumps																	
Pump Data - Last 24 Hrs								Slow Pump Data									
		(in)	(sg)	(SPM)	(psi)	(gpm)		(m)	(SPM)	(psi)		(SPM)	(psi)	(gpm)	(SPM)	(psi)	(gpm)
1	National 14 P-220	6.50	1.44	97	66	3900	386	4558.0	20	400	117	30	550	176	40	720	234
2	National 14 P-220	6.50	1.44	97	66	3900	386	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	7
Seadrill	12
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes Inteq	8
Halliburton	1
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Schlumberger	5
K&M	1
Reach	1
Baker Atlas	4
Weatherford	4
Total	98

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/James Munford			
Available	2023.4bbl	Losses	226.6bbl	Equipment	Description	Mesh Size	Comments
Active	384.0bbl	Downhole	63.6bbl	Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	143.0bbl	Shaker 1	VSM-300	255	
Hole	1136.4bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	503.0bbl	De-Gasser		Shaker 2	VSM-300	280	
		De-Sander		Shaker 3	VSM-300	280	
Kill		De-Silting		Shaker 3	VSM-300	280	
		Centrifuge		Shaker 4	VSM-300	280	
		Evaporation	20.0bbl	Shaker 4	VSM-300	280	

Marine							
Weather on 09 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	270.0deg	1015.0mbar	9C°	0.7m	160.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2789.00klb	1.2m	160.0deg	9s	Wave and swell heights are estimates.	
Comments							
Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			



Pacific Battler		21h30	At Geelong	Item	Unit	Used	Quantity
				Rig Fuel	m3		417.3
				Potable Water	Mt		455
				Drill Water	Mt		150
				CEMENT G	Mt		42
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		0
				Brine	m3		118

Pacific Valkyrie			At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		382.9
				Potable Water	Mt		363
				Drill Water	m3		618
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		118
				Base Oil	m3		0
Brine	m3		119				

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1403 / 1421	7 / 9	3rd Party