



DRILLING MORNING REPORT # 1
Longtom-4 P

24 Jul 2008

From: B Openshaw/ R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	2600.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2351.2m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$203,000
Rig	West Triton	Days from spud	33.94	Shoe MDBRT	2590.8m	Cum Cost	US\$203,000
Wtr Dpth (MSL)	56.000m	Days on well	0.31	FIT/LOT:	/ 1.64sg		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.0m	Current Op @ 0600	Washing and drilling down on on cement at 2554m.		
RT-ML	97.100m	Planned TD TVDRT	2702.0m	Planned Op	Drill out shoe and 3m of new formation, perform FIT and drill ahead 9.5in hole. to core point		

Summary of Period 0000 to 2400 Hrs
Made up 9.5in rotary steerable BHA and RIH to 153m. Displaced hole to SBM at 153m. Continued RIH from 153m to 982m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		4 Days	Held at 10.35 hours.	Rig alarms activated.	
Drills		9 Days	Spill Drill	A containment drill was held on a failed equalisation valve between the sand trap tanks.	
Dropped Object		11 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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	1	0 Days	Roustabout received laceration	At 16.20 hrs whilst squeezing out a mop in a mop bucket on deck. The bucket slipped and the roustabout received a small laceration to his right forearm.	
Incident	1	0 Days	Floorman struck by chain tong	At 03.45 hrs. The drill crew where removing a chain tong from the pipe when it swung down and struck a floorman below the right knee.	
PTW issued	11	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 morning and 0045 on Sunday .	
STOP Card	31	0 Days		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 24 Jul 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G6	1630	1830	2.00	2600.0m	**** COMMENCE Longtom-4 P at 16h30 on 24/07/08 ****
							Held PJSM and picked up rotary steerable 9.5in BHA to 35m. Loaded RA source.
P15	P	G8	1830	2030	2.00	2600.0m	Continue RIH with 9.5in BHA on HWDP to 153m.
P15	P	F3	2030	2100	0.50	2600.0m	Held PJSM and displaced sea water in hole to SBM at 153m.
P15	P	G8	2100	2400	3.00	2600.0m	Continued RIH with 9.5in BHA from 153m to 982m. Filled pipe every 15 stands.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Jul 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G8	0000	0430	4.50	2600.0m	Continued RIH with 9.5in BHA from 982m to 2406m filling up every 15 stnds at first and then every 20 stnds as ported float eased requirements for filling up pipe.
P15	U	G23	0430	0500	0.50	2600.0m	Incident in derrick: Derrickman had hand squeezed by DP. Time Out For Safety: Discuss measures to protect personnel and prevent injury.
P15	P	G8	0500	0530	0.50	2600.0m	Continued RIH from 2406m to 2525m.
P15	P	D1	0530	0600	0.50	2600.0m	Wash down from 2525m and tag top of cement at 2551m. Wash and drill down cement from 2551m to 2554m.

Operations For Period Hrs to Hrs on						
Phase Data to 2400hrs, 24 Jul 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Pilot Hole (1)(P15)	7.5	24 Jul 2008	24 Jul 2008	7.50	0.313	2600.0m

General Comments	
00:00 TO 24:00 Hrs ON 24 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) #3 Main Engine down - waiting on parts. 8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).
Operational Comments	Jars Ser No. 14161588: 99.5hrs

SBM Data		Cost Today US\$ 2500							
Mud Type:	ACCOLADE	HTHP-Temp:	120C°	Ex.Lime:		Solids(%vol):	21%	Viscosity	125sec/qt
Oil Type:	ACCOLADE BASE	HTHP:	500psi	Salinity:	281320mg/l	H2O:	24%	YP	33lb/100ft²
Sample-From:	Pit 6	HTHP-FL:	3.0cc/30min	Elec.Stab.:	400mV	Oil(%):	52%	PV	45cp
Time:	20:00	HTHP-cake:	2/32nd"			Sand:	.25	O/W Ratio:	68/32
Weight:	12.20sg	CaCl mud:	30.18			LGS:	12%	Gels 10s	13
Temp:	20C°	CaCl WP:				Oil On Cut:		Gels 10m	18
Comment	RIH to 153m and displace water from hole with SBM.							Fann 003	11
								Fann 006	14
								Fann 100	42
								Fann 200	
								Fann 300	78
								Fann 600	123

Bit # 1			Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:											
Size ("):	9.50in	IADC#	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	SMITH	WOB(avg)	No.	Size	Progress			Cum. Progress		0.0m	
Type:	PDC	RPM(avg)	7	16/32nd"	On Bottom Hrs			Cum. On Btm Hrs		0.0h	
Serial No.:	JY 2803	F.Rate	IADC Drill Hrs			Cum IADC Drill Hrs			0.0h		
Bit Model	M716PXC	SPP	Total Revs			Cum Total Revs			0		
Depth In	2600.0m	HSI	ROP(avg)			N/A			ROP(avg) 0.00 m/hr		
Depth Out		TFA 1.374									
Bit Comment											

BHA # 1						
Weight(Wet)	33.00klb	Length	215.0m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	12.00klb	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	0fpm
		Slack-Off			D.P. Ann Velocity	0fpm
BHA Run Description		9.5in PDC bit, PD Xceed 675, Eco scope, Tele scope, NM HWDP, 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	9.50in		JY2803		



Equipment	Length	OD	ID	Serial #	Comment
PD Xceed 675	7.66m	6.75in		111	
ECO Scope	8.01m	9.13in		VA 86	
Tele Scope	8.52m	6.88in		EO 330	
NM HWDP	9.19m	6.75in		SBD 3170	
X/O	0.49m	7.00in		11560.3	
HWDP	28.03m	7.06in			
X/O	0.91m	7.00in		11323.1	
Jar	9.73m	6.25in		14161588	
X/O	1.22m	7.00in		7142	
HWDP	140.96m	7.00in			

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	203.0
Rig Fuel	m3	110	15	0	337.0
POTABLE WATER	MT	8	28	0	198.0
Cement class \G\'	MT	0	0	0	71.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	204.0
SOBM	m3	13	0	0	50.0

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"	/	2590.78m / 2337.57m	200bbl class "G" at 15.8ppg, TOC at 1900m

Personnel On Board

Company	Pax
ADA	7
Seadrill	12
Seadrill Services.	37
Catering	8
Halliburton	2
Baker Hughes Inteq	9
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Reach	1
Baker Atlas	8
Schlumberger	5
ACS Labs	1
Total	98

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Eugene Edwards/Tim Waldhuter

Available	3043.3bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	474.0bbl	Downhole		Shaker 1	VSM-300	89	
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM-300	89	
Hole	810.3bbl	Dumped		Shaker 3	VSM-300	89	
Slug Reserve	1759.0bbl	De-Gasser		Shaker 4	VSM-300	89	
Kill		De-Sander					
		De-Silter					
		Centrifuge					

Marine



Weather on 24 Jul 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	70.0deg	1025.0mbar	11C°	0.1m	130.0deg	2s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2835.00klb	1.4m	130.0deg	7s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler		15h00	En route to rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		571
				Potable Water	Mt		450
				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 to be confirmed.

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Valkyrie			At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		199.1
				Potable Water	Mt		320
				Drill Water	m3		718
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		5
				Base Oil	m3		0
Brine	m3		50				

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1045 / 1059	11 / 10	SeaDrill Crew Change 3rd Party