



**DRILLING MORNING REPORT # 1
Longtom-4 H**

01 Aug 2008

From: B Openshaw/R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	2689.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2404.4m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$650,000
Rig	West Triton	Days from spud	41.94	Shoe MDBRT	2590.8m	Cum Cost	US\$650,000
Wtr Dpth(MSL)	55.968m	Days on well	1.00	FIT/LOT:	1.68sg /		
RT-ASL(MSL)	41.1m	Planned TD MD	5822.0m	Current Op @ 0600	RIH at 1689m.		
RT-ML	97.1m	Planned TD TVDRT	2702.0m	Planned Op	Continue RIH with bit #10 and commence drilling kick-off section of Longtom-4 H.		

Summary of Period 0000 to 2400 Hrs
Laid down 2.875in cement stinger joints. Picked up bit #10 and rotary steerable BHA and RIH picking up DP from 214m to 293m. Repaired burst hose on iron roughneck and continued RIH picking up DP to 1246m. Performed rig service and installed cooler fan on TDS hydraulic system. RIH with pipe from derrick to 1452m. Shut down operations due to extreme winds: 55 - 70knots.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		5 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
Drills		5 Days	Spill Drill - real time	Reaction to the overflow at the upper transverse trough.
Dropped Object		19 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		7 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		5 Days	Environmental spill	overflow at upper transverse trough due to blocked flow line. Approximately 65 ltrs .
PTW issued	9	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday morning and 0045 on Sunday .
STOP Card	32	0 Days		Stop cards submitted for the day.
ToolBox Talk	6	0 Days	Held Tool box talk with crews for related tasks.	Held Pretour safety meetings with crews.

Operations For Period 0000 Hrs to 2400 Hrs on 01 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	G2	0000	0230	2.50	2698.0m	**** Start of LONGTOM-4 H **** Laid down 2.875in cement stinger jnts. Offline: Fitted overflow pipe on flowline
P12	P	G6	0230	0600	3.50	2698.0m	Cleaned rig floor and made up 9.5in rotary steerable BHA, loaded RA source and RIH with bit #10 to 214m.
P12	P	P2	0600	0630	0.50	2698.0m	Shallow tested MWD tools @ 650gpm, 1650psi.
P12	P	G2	0630	0730	1.00	2698.0m	RIH with 9.5in bit #10, picking up DP from 214m to 293m.
P12	TP (RE)	G2	0730	0830	1.00	2698.0m	Hydraulic hose burst on Iron Roughneck - changed out same.
P12	P	G2	0830	1530	7.00	2698.0m	Continued RIH with bit #10 picking up Dp, from 293m to 1246m.
P12	P	G11	1530	1630	1.00	2698.0m	Performed rig service.
P12	TP (RE)	G2	1630	1830	2.00	2698.0m	Installed oil cooler fan and motor to TDS.
P12	P	G8	1830	1930	1.00	2698.0m	Continued RIH with pipe from derrick from 1246m to 1452m.
P12	TP (WOW)	G8	1930	2400	4.50	2698.0m	Shut down operations due to extreme winds - 55 to 70knots.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	TP	G8	0000	0530	5.50	2698.0m	Waiting on weather. Wind speeds from 36 - 55knots during this period.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	(WOW) P	G8	0000	0530	5.50	2698.0m	Wind speed 37 - 44knots. Continue RIH with 9.5in bit #10 from 1452m to 1689m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 01 Aug 2008							
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth	
Production Hole (2)(P12)	24	01 Aug 2008	01 Aug 2008	24.00	1.000	2698.0m	

General Comments

00:00 TO 24:00 Hrs ON 01 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	<p>West Triton Rig Equipment Concerns</p> <ol style="list-style-type: none"> 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) I BOP sticks and does not operate smoothly. No spare UpperTop Drive IBOP or parts on board for Upper IBOP. 7) Only main engines 1, 2 & 3 available for power generation. Engine 5 awaiting new injectors. Problems relating to engines may be caused by fuel contaminated with water. 8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 9) Cooling fan for hydraulics sytem on TDS removed due to broken fan blades. 10) No whipline available on port crane due to damaged cable. Having to use main block, with the associated inefficiencies, to move loads (slow working speeds). 11) Remote controller for Iron Roughneck not operational. 12) Automatic drill pipe elevators not working.
Operational Comments	Wind speeds (knots): 19h30: 55-70, 21h13: 47-57, 22h04: 40-57, 23h24: 44-58, 00h24: 45-55, 01h30: 43-52, 02h45: 37-45, 03h30: 45-54,

SBM Data		Cost Today US\$ 2500	
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 18%
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 240216mg/l	H2O: 26%
Sample-From: Pit 6	HTHP-FL: 5.0cc/30min	Elec.Stab.: 304mV	Oil(%): 54%
Time: 20:00	HTHP-cake: 2/32nd"		Sand:
Weight: 12.00sg	CaCl mud: 28.81		LGS: 6%
Temp: 24C°	CaCl WP:		Oil On Cut:
Comment	Prepare chemicals and check shakers for next hole section.		
			Viscosity 123sec/qt
			YP 36lb/100ft²
			PV 37cp
			O/W Ratio: 68/32
			Gels 10s 12
			Gels 10m 18
			Fann 003 11
			Fann 006 13
			Fann 100 34
			Fann 200
			Fann 300 73
			Fann 600 110

Bit # 10	Wear	I	O1	D	L	B	G	O2	R	
	Bitwear Comments:									
Size ("): 9.50in	IADC#	M322	Nozzles	Drilled over last 24 hrs			Calculated over Bit Run			



Mfr:	REED	WOB(avg)	No.	Size	Progress	Cum. Progress	0.0m
Type:	PDC	RPM(avg)	6	16/32nd"	On Bottom Hrs	Cum. On Btm Hrs	0.0h
Serial No.:	218795	F.Rate			IADC Drill Hrs	Cum IADC Drill Hrs	0.0h
Bit Model	RSR616M-B3	SPP			Total Revs	Cum Total Revs	0
Depth In	2698.0m	HSI			ROP(avg)	ROP(avg)	0.00 m/hr
Depth Out		TFA	1.178				

Bit Comment

BHA # 12

Weight(Wet)	30.00klb	Length	215.0m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	14.00klb	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, 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		218795	
PD Xceed 675	7.66m	6.75in		241	
ECO Scope	8.05m	9.13in		963	
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	56.23m	7.06in			
X/O	1.22m	7.00in		SSD7142	
Jar	9.62m	6.25in		1416-1515	
X/O	0.91m	7.00in		508A67	
HWDP	112.76m	7.00in			

Survey

MD	Incl	Azim	TVD	Vsec	N/S	E/W	DLS	Tool Type
(m)	(deg)	(deg)	(m)	(deg)	(m)	(m)	(deg/30m)	

Survey

MD	Incl	Azim	TVD	Vsec	N/S	E/W	DLS	Tool Type
(m)	(deg)	(deg)	(m)	(deg)	(m)	(m)	(deg/30m)	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	58	0	198.0
Rig Fuel	m3	0	3	0	264.0
POTABLE WATER	MT	0	27	0	232.0
Cement Class G	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	2	0	174.0
SOBM	m3	0	0	0	121.0
Brine	m3	0	0	0	192.0

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					30	176	40		234	50		293
2	National 14 P-220	6.50	1.44	97					30	176	40		234	50		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 / 2337.57m	200bbl class "G" at 15.8ppg, TOC at 1900m

Personnel On Board	
Company	Pax
ADA	6
Seadrill	13
Seadrill Services.	37
Catering	9
Halliburton	2
Baker Hughes Inteq	7
Halliburton	3
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Reach	1
Schlumberger	6
Total	90

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
3086.2bbl	0.0bbl	Shaker 1	VSM-300	255			
448.0bbl	0.0bbl	Shaker 2	VSM-300	280			
		Shaker 3	VSM-300	280			
772.3bbl		Shaker 4	VSM-300	280			
1865.9bbl							
Active	Downhole						
Mixing	Surf+ Equip						
Hole	Dumped						
Slug Reserve	De-Gasser						
Kill	De-Sander						
	De-Silter						
	Centrifuge						

Marine							
Weather on 01 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	45kn	270.0deg	1009.0mbar	9C°	3.0m	270.0deg	7s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2851.00klb	3.9m	270.0deg	8s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler			En route Geelong	Rig Fuel	m3		510.9
				Potable Water	Mt		310
				Drill Water	Mt		150
				CEMENT G	Mt		0
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		0
				Brine	m3		0
				Pacific Valkyrie			At rig
Potable Water	Mt		431				
Drill Water	m3		718				
CEMENT G	Mt		0				
Barite	Mt		105				
Bentonite	Mt		34.8				
SOBM	m3		5				
Base Oil	m3		0				



				Item	Unit	Used	Quantity
				Brine	m3		0