



24 Jul 2008

From: B Openshaw/R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	2600.0m	Cur. Hole Size	13.500in	AFE Cost	AUD\$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	AUD\$1,096,563
Rig	West Triton	Days from spud	33.63	Shoe MDBRT	2590.8m	Cum Cost	AUD\$37,942,063
Wtr Dpth (LAT)	55.968m	Days on well	35.31	FIT/LOT:	/ 1.64sg		
RT-ASL (LAT)	41.062m	Planned TD MD	2600.000m	Current Op @ 0600			
RT-ML	97.030m	Planned TD TVDRT	2350.000m	Planned Op			

Summary of Period 0000 to 2400 Hrs

RIH with RTTS r/tool, engaged RTTS and POOH laying down same. Continued POOH with cementing string and laid out 2.875in stinger jnts. Pressure tested csg against shear rams to 3000psi. Pressure tested I-BOP to 500/5000psi and repaired swivel packing. Laid down BHA and cement stand from derrick.

END LONGTOM-4 16h30 on 24 July 2008.

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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		7 Days	Floorman had his hand struck by tong jaw.	At 01h40 on 17 July, Floorman was changing the Tong Jaw. He lifted the jaw and was pulling the locating pin out when the open tong jaw swung round and struck his left wrist. He reported to medic immediately. Medic examined man and Ice applied to back of hand. Returned to work shortly after.
Incident		11 Days	Elevator contact with Monkeyboard.	When racking back the Casing Running Tool, the stand was short. As a result, the elevators made contact with the corner of the Monkey Board, causing slight damage to support beam
PTW issued	9	1 Day		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	46	1 Day		Stop cards submitted for the day.

FORMATION	
Name	Top
Kipper Shale	1755.00m
Admiral Formation.	2186.00m
500 Sands	2316.00m
400 Sands	2494.00m
300 Sands	2564.00m

Operations For Period 0000 Hrs to 2400 Hrs on 24 Jul 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P26	P	G10	0000	0300	3.00	2600.0m	RIH with RTTS r/tool to 150m, broke circulation and filled well. With pump at 1 bbl/min, tagged RTTS with r/tool at 155m with 3klbs. Observed pressure build up. Screwed into RTTS with 22 turns - torque build up to 4kft-lbs. Unseated RTTS with 10klbs o/pull, POOH RTTS to surface.
P26	P	G5	0300	0400	1.00	2600.0m	Made service breaks on RTTS and Storm valve and laid down same.
P26	P	G8	0400	0730	3.50	2600.0m	Continued to POOH with cementing string from 917m to top of 2.875in stinger. Broke out x/over and laid out 3 jnts 2.875in DP stinger.
P26	P	P2	0730	0900	1.50	2600.0m	Filled riser and well with water and pressure tested casing, H4 to SST, SST to 18.75in wellhead, BOP connection to riser and shear rams. Pressured up to 4000psi, pressure



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P26	P	P2	0900	1000	1.00	2600.0m	bled off to 3000psi and held at 3000psi.
P26	TP (RE)	G11	1000	1130	1.50	2600.0m	Rigged up and pressure tested manual and actuated IBOP's to 500/5000psi. Swivel packing leaking.
P26	P	G1	1130	1400	2.50	2600.0m	Removed, inspected and re-installed swivel packing.
P26	P	G6	1400	1630	2.50	2600.0m	Rigged down surface lines. Picked up cement stand from derrick, broke out 2x TIW valves and side entry sub and laid down 8.5in DC and stabilizers.
							Picked up Anadrill BHA from derrick and laid out same.
*** END OF LONGTOM-4 WELL at 16h30 on 24/07/08 ***							

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
Mob/Demob(P1)	35	19 Jun 2008	20 Jun 2008	35.00	1.458	0.0m
Conductor Hole(P2)	10.5	20 Jun 2008	21 Jun 2008	45.50	1.896	132.8m
Conductor Casing(P3)	19.5	21 Jun 2008	22 Jun 2008	65.00	2.708	132.8m
Surface Hole(P4)	54	22 Jun 2008	24 Jun 2008	119.00	4.958	755.0m
Surface Casing(P5)	40	24 Jun 2008	25 Jun 2008	159.00	6.625	755.0m
BOPs/Risers(P6)	63.5	26 Jun 2008	28 Jun 2008	222.50	9.271	755.0m
Production Hole (1)(P11)	286	28 Jun 2008	10 Jul 2008	508.50	21.188	2600.0m
Production Casing(1)(P13)	165.5	10 Jul 2008	17 Jul 2008	674.00	28.083	2600.0m
Sub-sea Work(P26)	173.5	17 Jul 2008	24 Jul 2008	847.50	35.313	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	<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) 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).

SBM Data Cost Today AUD\$ 0

Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 21%	Viscosity YP	128sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 264070mg/l	H2O: 24%	PV	32lb/100ft²
Sample-From: Pit 6	HTHP-FL: 3.0cc/30min	Elec.Stab.: 400mV	Oil(%): 52%	O/W Ratio:	68.4
Time: 21:00	HTHP-cake: 1/32nd"		Sand: .25	Gels 10s	13
Weight: 12.20sg	CaCl mud: 30.09		LGS: 12%	Gels 10m	18
Temp: 20C°	CaCl WP:		Oil On Cut:	Fann 003	11
Comment				Fann 006	14
				Fann 100	41
				Fann 200	
				Fann 300	77
				Fann 600	122



Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	0	0	216.0	
Rig Fuel	m3	110	15	0	351.0	
POTABLE WATER	MT	8	28	0	214.0	
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	

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	1.40	97				2590.0	30	300	176	40	370	234	50	500	293
2	National 14 P-220	6.50	1.40	97					20		120	30		176	40		234
3	National 14 P-220	6.50	1.40	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"	/	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/James Munford			
Available	Losses	Equipment	Description	Mesh Size	Comments		
2882.9bbl	0.0bbl	Shaker 1	VSM-300	255/280			
Active 363.0bbl	Downhole	Shaker 2	VSM-300	255/280			
Mixing	Surf+ Equip 0.0bbl	Shaker 3	VSM-300	255/280			
Hole 764.9bbl	Dumped	Shaker 4	VSM-300	255/280			
Slug Reserve 1755.0bbl	De-Gasser						
Kill	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	2kn	130.0deg	1031.0mbar	11C°	0.1m	150.0deg	2s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2523.00klb	1.7m	150.0deg	7s	Wave and swell heights are estimates.	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Pacific Battler			At Geelong	Item	Unit	Used	Quantity
				Rig Fuel	m3		577.9
				Potable Water	Mt		412
				Drill Water	Mt		300
				CEMENT G	Mt		0
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		116
				Brine	m3		156
Pacific Valkyrie			At rig	Item	Unit	Used	Quantity
				Rig Fuel	m3		309.9
				Potable Water	Mt		324
				Drill Water	m3		718
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		5
				Base Oil	m3		13
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