



29 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	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$680,200
Rig	West Triton	Days from spud	38.94	Shoe MDBRT	2590.8m	Cum Cost	US\$42,122,100
Wtr Dpth (MSL)	56.000m	Days on well	5.31	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.0m	Current Op @ 0600	Running Schlumberger log #2 SWC.		
RT-ML	97.100m	Planned TD TVDRT	2702.0m	Planned Op	Complete SWC logging run and RIH with cementing string to plug back the pilot hole.		

**Summary of Period 0000 to 2400 Hrs**  
 POOH 9.5in bit from 2430m to surface and laid out the jar and MWD/LWD tools. Rigged up Schlumberger tools and ran wireline log #1 XPT/DSI.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		2 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
Drills		2 Days	Spill Drill - real time.	Reaction to the overflow at the upper transverse trough.
Dropped Object		16 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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		4 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		2 Days	Environmental spill.	Overflow at upper transverse trough due to blocked flow line. Approximately 65 ltrs .
PTW issued	5	0 Days		Permit to work issued for the day.
Safety Meeting		3 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday morning and 0045 on Sunday .
STOP Card	20	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	15 Days		Crane operator held discussion with banksmen regarding dogging techniques.

**Operations For Period 0000 Hrs to 2400 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	G6	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.
P15	P	G1	0530	0630	1.00	2987.0m	Cleaned rig floor, held PJSM and rigged up for Schlumberger wireline logs.
P15	P	G7	0630	0900	2.50	2987.0m	Made up Schlumberger run #1 XPT/ DSI.
P15	P	E3	0900	2200	13.00	2987.0m	Ran wireline log #1 XPT/DSI commencing with XPT from 2603m to 2967.5m. Took 40 pressure tests in this interval. Tools stuck at 2986m for 20min requiring 8500lbs o/pull to free.
P15	P	E3	2200	2400	2.00	2987.0m	Commenced DSI of wireline log #1 from 2985m up the hole.

**Operations For Period 0000 Hrs to 0600 Hrs on 30 Jul 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	E4	0000	0030	0.50	2987.0m	Continued logging DSI of wireline log #1 to 2050m.
P15	P	E4	0030	0200	1.50	2987.0m	POOH Schlumberger log #1 XPT/DSI to surface. Prepared for radio silence for log #2.
P15	P	G7	0200	0330	1.50	2987.0m	Laid down tools from wireline log #1. Prepared for radio silence for log #2.
P15	P	G7	0330	0430	1.00	2987.0m	Made up Schlumberger log #2 SWC. Prepared for Radio silence.
P15	P	E4	0430	0600	1.50	2987.0m	RIH with log #2 SWC.

**Operations For Period Hrs to Hrs on**



Phase Data to 2400hrs, 29 Jul 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Pilot Hole (1)(P15)	127.5	24 Jul 2008	29 Jul 2008	127.50	5.313	2987.0m

General Comments	
00:00 TO 24:00 Hrs ON 29 Jul 2008	
<b>Operational Comments</b>	Adjustments to rotary table elevation based on Fugro calculations; RT above LAT = 41.062m. RT above MSL/AHD 40.362m.
<b>Operational Comments</b>	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.  8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).
<b>Operational Comments</b>	Jars Ser No. 14161588: 127hrs

SBM Data		Cost Today US\$ 2975			
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 19%	Viscosity	130sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 255127mg/l	H2O: 24%	YP	31lb/100ft²
Sample-From: Pit 6	HTHP-FL: 4.0cc/30min	Elec.Stab.: 491mV	Oil(%): 55%	PV	36cp
Time: 22:00	HTHP-cake: 2/32nd"		Sand:	O/W Ratio:	70/30
Weight: 12.20sg	CaCl mud: 28.81		LGS: 6%	Gels 10s	13
Temp: 26C°	CaCl WP:		Oil On Cut:	Gels 10m	16
Comment	Added premix weighted to 12.0ppg to maintain volume.			Fann 003	11
				Fann 006	13
				Fann 100	34
				Fann 200	
				Fann 300	67
				Fann 600	103

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	0.0m	Cum. Progress		91.0m	
Type:	PDC	RPM(avg)	160	7	16/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs		7.0h	
Serial No.:	JY2802	F.Rate	725gpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs		9.5h	
Bit Model	M716PXC	SPP	3000psi			Total Revs		Cum Total Revs		0	
Depth In	2896.0m	HSI				ROP(avg)	N/A	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			

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	8	0	172.0
Rig Fuel	m3	0	4	0	287.0
POTABLE WATER	MT	8	27	0	214.0
Cement class \G\'	MT	0	0	0	64.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	5	0	181.0
SOBM	m3	0	0	0	48.0
Brine	m3	0	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)	SPP1Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)	
1	National 14 P-220	6.50	1.44	97				2931.0	30	320	176	40	450	234	50	620	293
2	National 14 P-220	6.50	1.44	97				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 / 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	6
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Reach	1
Schlumberger	17
<b>Total</b>	<b>99</b>

Mud Volumes, Mud Losses and Shale Shaker Data		Engineer : Eugene Edwards/Tim Waldhuter					
Available	2958.7bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	335.0bbl	Downhole		Shaker 1	VSM-300	255	
Mixing		Surf+ Equip	0.0bbl	Shaker 1	VSM-300	255	
Hole	981.7bbl	Dumped		Shaker 2	VSM-300	280	
Slug Reserve	1642.0bbl	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	
				Shaker 4	VSM-300	280	

**Marine**

Weather on 29 Jul 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	150.0deg	1009.0mbar	9C°	0.1m	130.0deg	2s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2677.00klb	1.6m	130.0deg	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		538.5
				Potable Water	Mt		425
				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	1011 / 1032	8 / 9	Crew Change