

26 Jul 2008

From: B Openshaw/ R Rossouw  
To: R Oliver

Well Data							
Country	Australia	MDBRT	2841.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2503.6m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	22.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$650,000
Rig	West Triton	Days from spud	35.94	Shoe MDBRT	2590.8m	Cum Cost	US\$1,503,000
Wtr Dpth(MSL)	55.968m	Days on well	2.31	FIT/LOT:	1.68sg /		
RT-ASL(MSL)	41.1m	Planned TD MD	5822.0m	Current Op @ 0600	Cutting core at 2895m.		
RT-ML	97.1m	Planned TD TVDRT	2702.0m	Planned Op	Complete cutting core, POOH and lay down core and core barrel. Pick up 9.5in BHA to drill ahead.		

**Summary of Period 0000 to 2400 Hrs**  
 Drilled 9.5in hole from 2819m to 2841m - core point. Circulated and POOH backreaming over 3 sections to recapture missed MWD/LWD data. Continued POOH and laid down malfunctioning Schlumberger tools in BHA. Made up core barrel and RIH same to 2369m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		6 Days	Held at 10.35 hours.	Rig alarms activated.	
Drills		11 Days	Spill Drill	A containment drill was held on a failed equalisation valve between the sand trap tanks.	
Dropped Object		13 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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	1 Day	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	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		0 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday morning and 0045 on Sunday .	
STOP Card	29	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 26 Jul 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	D4	0000	0100	1.00	2841.0m	Drilled ahead 9.5in hole from 2819m to 2841m - coring point.
P15	P	F4	0100	0200	1.00	2841.0m	Circulated 1.5 x bottoms up at 750gpm, 3100psi, 180rpm.
P15	TP (TP)	D4	0200	0500	3.00	2841.0m	Flowchecked well and POOH backreaming at 60m/h ROP to recapture LWD/MWD missed data over intervals from 2800m - 2790m, 2755m - 2745m and 2725m - 2715m.
P15	P	G8	0500	1200	7.00	2841.0m	Continued POOH from 2715m to shoe at 2591m. Flowcheck well. Continued POOH from 2592m to 2400m, pumped 30bbl slug and continued POOH to BHA at 214m. Flowchecked well and continued POOH BHA to 33m.
P15	P	G6	1200	1330	1.50	2841.0m	Held PJSM, recovered radio active source and laid down Schlumberger steerable, MWD and LWD tools. Broke out 9.5in bit.
P15	P	G11	1330	1430	1.00	2841.0m	Serviced TDS and crown block.
P15	P	G5	1430	1830	4.00	2841.0m	Made up core barrel, 8.5in core head and inner barrel as Baker instructions, RIH to 58m and spaced out inner barrel.
P15	P	G8	1830	2400	5.50	2841.0m	RIH core barrel assy and BHA from 58m to 306m and continue RIH on DP to 2369m filling up every 600m. (Float showing signs of leaking) Performed trip drill.

**Operations For Period 0000 Hrs to 0600 Hrs on 27 Jul 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	G8	0000	0130	1.50	2841.0m	Continued RIH with core barrel from 2369m to 2812m.
P15	P	D6	0130	0200	0.50	2841.0m	Washed down using 300gpm from 2812m and tag bottom at 2841m.
P15	P	F3	0200	0230	0.50	2841.0m	Dropped ball - pressure increased from 400psi to 750psi. Took SCR's.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P15	P	E7	0230	0600	3.50	2841.0m	Cut core #1 from 2841m to 2895m making a connection for a new stand at 2869m. Core at 60 - 70rpm, 230gpm, 1100psi and 7klbs WOB. ROP 5 - 20m/hr.

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 26 Jul 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Pilot Hole (1)(P15)	55.5	24 Jul 2008	26 Jul 2008	55.50	2.313	2841.0m

**General Comments**  
00:00 TO 24:00 Hrs ON 26 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: 114hrs

SBM Data		Cost Today US\$ 4447		
Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 18%	Viscosity YP 86sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 326775mg/l	H2O: 25%	35lb/100ft²
Sample-From: Flowline	HTHP-FL: 2.0cc/30min	Elec.Stab.: 400mV	Oil(%): 53%	PV 43cp
Time: 20:00	HTHP-cake: 1/32nd"		Sand: .25	O/W Ratio: 68/32
Weight: 12.00sg	CaCl mud: 42.53		LGS: 9%	Gels 10s 14
Temp:	CaCl WP:		Oil On Cut: 9%	Gels 10m 18
Comment	Prepare HW slug for POOH. Received approx. 289bbl of brine from Ocean Valkyrie.			Fann 003 12
				Fann 006 13
				Fann 100 40
				Fann 200
				Fann 300 78
				Fann 600 121

Bit # 1	Wear	I	O1	D	L	B	G	O2	R
		2	4	BT	A	X	I	RO	CP
Bitwear Comments:									
Size ("):	9.50in	IADC#	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr:	SMITH	WOB(avg) 16.00klb	No.	Size	Progress	22.0m	Cum. Progress	237.0m	
Type:	PDC	RPM(avg) 160	7	16/32nd"	On Bottom Hrs	1.0h	Cum. On Btm Hrs	9.4h	
Serial No.:	JY 2803	F.Rate 750gpm			IADC Drill Hrs	1.0h	Cum IADC Drill Hrs	14.5h	
Bit Model	M716PXC	SPP 3100psi			Total Revs		Cum Total Revs	0	
Depth In	2600.0m	HSI			ROP(avg)	22.00 m/hr	ROP(avg)	25.21 m/hr	
Depth Out	2841.0m	TFA 1.374							
Bit Comment									



<b>Bit # 2</b>			Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:											
Size ("):	8.50in	IADC#	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>			
Mfr:	BHI (Hughes Christensen)	WOB(avg)	No.	Size	Progress			Cum. Progress		0.0m	
Type:	ch	RPM(avg)			On Bottom Hrs			Cum. On Btm Hrs		0.0h	
Serial No.:	7212164	F.Rate			IADC Drill Hrs			Cum IADC Drill Hrs		0.0h	
Bit Model	BHC 406	SPP			Total Revs			Cum Total Revs		0	
Depth In	2841.0m	HSI			ROP(avg)			N/A		ROP(avg) 0.00 m/hr	
Depth Out		TFA	0.000								
Bit Comment			Coring run.								

<b>BHA # 1</b>											
Weight(Wet)	33.00klb	Length	215.0m	Torque(max)	20000ft-lbs	D.C. (1) Ann Velocity	0fpm				
Wt Below Jar(Wet)	12.00klb	String	221.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm				
		Pick-Up	247.00klb	Torque(On.Btm)	12000ft-lbs	H.W.D.P. Ann Velocity	306fpm				
		Slack-Off	208.00klb			D.P. Ann Velocity	306fpm				
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		
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				

<b>BHA # 2</b>											
Weight(Wet)	44.00klb	Length	306.3m	Torque(max)		D.C. (1) Ann Velocity	0fpm				
Wt Below Jar(Wet)	30.00klb	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		8.5" Coring bit, 7x Coring Tubes and 8x Stabilizers, Top sub, Float Sub, Circ Sub, 6x 6.5" DC's, 6x HWDP, Jar, 12x HWDP									

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Core Bit	0.43m	8.50in		7212164		
Core Barrel	68.46m	6.75in				
Drill Collar	56.06m	6.50in				
HWDP	56.36m	5.50in				
Jar	9.73m	6.50in		14161588		
HWDP	112.63m	5.50in				

<b>Survey</b>									
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type	
			0.00	0.0	0.0	0.0	0.0		



Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
DRILL WATER	MT	0	5	0	198.0	
Rig Fuel	m3	0	5	0	315.0	
POTABLE WATER	MT	114	22	0	272.0	
Cement Class G	MT	0	0	0	71.0	
Bentonite	MT	0	0	0	45.0	
Barite	MT	0	5	0	188.0	
SOBM	m3	0	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	1.44	97	64	3100	374	2642.0	30	350	176	40	470	234	50	680	293
2	National 14 P-220	6.50	1.44	97	64	3100	374	2642.0	30	320	176	40	450	234	50	610	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"	/	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
<b>Total</b>	<b>98</b>

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards/Tim Waldhuter			
Available	Losses	Equipment	Description	Mesh Size	Comments		
2988.9bbl	5.9bbl	Shaker 1	VSM-300	89			
397.0bbl	1.9bbl	Shaker 2	VSM-300	280			
	4.0bbl	Shaker 3	VSM-300	280			
		Shaker 4	VSM-300	280			
Active	Downhole						
Mixing	Surf+ Equip						
Hole	Dumped						
Slug Reserve	De-Gasser						
Kill	De-Sander						
	De-Silting						
	Centrifuge						

Marine
--------



Weather on 26 Jul 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	160.0deg	1005.0mbar	8C°	0.1m	120.0deg	2s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2839.00klb	1.3m	120.0deg	7s	Wave and swell heights are estimates.	
Comments							

  

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Pacific Battler			At rig	Rig Fuel	m3		551.8
				Potable Water	Mt		440
				Drill Water	Mt		330
				CEMENT G	Mt		0
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		115.3
				Brine	m3		119.2
				Pacific Valkyrie			At rig
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				