

11 Aug 2008

From: B Openshaw/R Rossouw
To: R Oliver

Well Data							
Country	Australia	MDBRT	4648.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600
Field	Longtom	TVDBRT	2695.9m	Last Casing OD	10.750in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$718,800
Rig	West Triton	Days from spud	51.94	Shoe MDBRT	2590.8m	Cum Cost	US\$52,366,100
Wtr Dpth (MSL)	56.000m	Days on well	11.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.0m	Current Op @ 0600	Running 7in liner at 206m.		
RT-ML	97.100m	Planned TD TVDRT	2702.0m	Planned Op	Continue running 7in liner and cement same.		

Summary of Period 0000 to 2400 Hrs

Continued POOH from 3823m to 2607m (just below 10.75in shoe), backreaming every stand using 760gpm, 150rpm. Circulated while weighting up mud (0.75hrs) due to leak at mud pits during this trip period. Circulated 2x bottoms up at shoe. Continued POOH laying down jar and all Schlumberger BHA items. Rigged up for 7in liner, making up setting sleeve and cementing head.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill		1 Day	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.	
BOP Test		20 Days	Pressure test on nipple up	14 Days - 5th August 21 Days - 12th August	
Dropped Object		29 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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.	
Incident		4 Days	Environmental spill	Overflow at mud shaker at start-up of drilling caused 3bbl mud to be lost overboard.	
Medical Treatment Case		6 Days	Mud technician cut hand on glass retort.	While trying to push paper towels down a retort tube to dry it, the mud technician used too much force which broke the retort causing his hand to slip down onto the retort thus cutting his hand. He received 3 stitches from the medic and is back at work.	
PTW issued	12	0 Days		Permit to work issued for the day.	
Safety Meeting		2 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday and 0045 on Sunday .	
STOP Card	26	1 Day		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 11 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P12	P	D6	0000	0300	3.00	4648.0m	Continued POOH backreaming every stand at 150rpm and 760gpm from 3823m to 3469m.
P12	TP (RE)	F2	0300	0330	0.50	4648.0m	Leaking valve between pit 3 and pit 6 caused base oil to dilute mud system and reduce the MW. Circulate while weighting up system.
P12	P	D6	0330	1000	6.50	4648.0m	Continued POOH backreaming every stand at 150rpm and 760gpm from 3469m to 2607m. Circulated for 15min weighting up mud system during this period.
P12	P	F4	1000	1100	1.00	4648.0m	Circulated 2x bottoms up.
P12	P	G8	1100	1700	6.00	4648.0m	Performed flow check and continued POOH from 2607m to 214.8m. Pumped slug at 2163m.
P12	P	G6	1700	2030	3.50	4648.0m	Continued POOH laying out jar and all Schlumberger BHA tools including RA source.
P19	P	G1	2030	2400	3.50	4648.0m	Cleaned rig floor, rigged up Weatherford equipment, made up liner setting sleeve and laid down same. Laid out 1 single on std 1 and made up same on top of cementing head placing pup DP below cement head.

Operations For Period 0000 Hrs to 0600 Hrs on 12 Aug 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	P	G1	0000	0100	1.00	4648.0m	Continued rigging up cement head checking on presence of dart and dart retaining flapper. Rack back same in derrick.
P19	P	G1	0100	0230	1.50	4648.0m	Changed out bails to long 500T bails and continued rigging up to run liner.
P19	P	G9	0230	0600	3.50	4648.0m	Held JSA and ran 7in liner to 206m filling every 5 jnts. Checked correct operation of float and shoe.



Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 11 Aug 2008						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Production Hole (2)(P12)	260.5	01 Aug 2008	11 Aug 2008	260.50	10.854	4648.0m
Liner (1)(P19)	3.5	11 Aug 2008	11 Aug 2008	264.00	11.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 11 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	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? 2) Compensator for saver sub on TDS not operational resulting in excessive wear on saver sub threads. 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 Number 4 main generator down. Exciter and generator sent ashore. 8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 9) Pumping pressure read-out at Cyber chair display not accurate. At 2800psi pump pressure, cyber display reads 3600psi. 10) Remote controller for Iron Roughneck not operational. 11) Automatic drill pipe elevators not working. 12) Auto IBOP on TDS is sticky and does not operate smoothly - linkages distorted?? Drillers are not currently closing the IBOP while making connections as it is very difficult to re-open.
Operational Comments	Hours on jar ser. No 1416-1515: 147hrs
Operational Comments	Magnetic material collected in flowline during 24hrs: 3.0kg Accumulated total:12.21kg

SBM Data Cost Today US\$ 29457

Mud Type: ACCOLADE	HTHP-Temp: 120C°	Ex.Lime:	Solids(%vol): 21%	Viscosity 80sec/qt
Oil Type: ACCOLADE BASE	HTHP: 500psi	Salinity: 281320mg/l	H2O: 20%	YP 33lb/100ft²
Sample-From: Flowline	HTHP-FL: 3.8cc/30min	Elec.Stab.: 400mV	Oil(%): 57%	PV 60cp
Time: 21:40	HTHP-cake: 2/32nd"		Sand: .25	O/W Ratio: 74/26
Weight: 12.10sg	CaCl mud: 27.44		LGS: 11%	Gels 10s 15
Temp: 25C°	CaCl WP:		Oil On Cut: 11%	Gels 10m 24
Comment				Fann 003 12
				Fann 006 15
				Fann 100 48
				Fann 200
				Fann 300 93
				Fann 600 153

Bit # 11	Wear	I	O1	D	L	B	G	O2	R
		1	1	WT	N	X	I	NO	TD
Bitwear Comments:									
Size ("): 9.50in	IADC#	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run		



Mfr:	REED	WOB(avg)	18.00klb	No.	Size	Progress	0.0m	Cum. Progress	1071.0m
Type:	PDC	RPM(avg)	150	6	16/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	41.1h
Serial No.:	216535	F.Rate	760gpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	62.0h
Bit Model	RSX616M-A4	SPP	4000psi			Total Revs		Cum Total Revs	0
Depth In	3577.0m	HSI				ROP(avg)	N/A	ROP(avg)	26.06 m/hr
Depth Out	4648.0m	TFA	1.178						

Bit Comment

BHA # 13

Weight(Wet)	30.00klb	Length	215.0m	Torque(max)	19000ft-lbs	D.C. (1) Ann Velocity	434fpm
Wt Below Jar(Wet)	14.00klb	String	211.00klb	Torque(Off.Btm)	10000ft-lbs	D.C. (2) Ann Velocity	402fpm
		Pick-Up	280.00klb	Torque(On.Btm)	16000ft-lbs	H.W.D.P. Ann Velocity	310fpm
		Slack-Off	178.00klb			D.P. Ann Velocity	310fpm

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		216535	
PD Xceed 675	7.66m	6.75in		267	
ECO Scope	8.05m	9.13in		805	
Tele Scope	8.52m	6.88in		FU22	
NM HWDP	9.19m	6.75in		SBD 3170	
X/O	0.91m	7.00in		508A67	
HWDP	56.23m	7.06in			
X/O	0.42m	7.00in		115612	
Jar	9.62m	6.25in		1416-1515	
X/O	1.22m	7.00in		SSD7142	
HWDP	112.76m	7.00in			

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	183.0
Rig Fuel	m3	75	15	0	269.0
POTABLE WATER	MT	12	30	0	322.0
Cement class 'G'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	29	0	81.0
SOBM	m3	0	0	0	2.0
Brine	m3	0	0	0	192.0
BLENDED CEMENT	MT	81	0	0	81.0

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 (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				4558.0	20	400	117	30	550	176	40	720	234
2	National 14 P-220	6.50	1.44	97				4558.0	20	400	117	30	550	176	40	700	234
3	National 14 P-220	6.50	1.44	97				4558.0	20	380	117	30	525	176	40	700	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	7
Seadrill	12
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes Inteq	8
Halliburton	1
Tamboritha	3
Q Tech	1
Tasman Oil Tools	2
Schlumberger	5
K&M	1
Reach	1
Baker Atlas	4
Weatherford	4
Total	98

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Brian Auckram/James Munford		
Available	Losses	Equipment	Description	Mesh Size	Comments	
2198.5bbl	3.0bbl	Shaker 1	VSM-300	255		
283.0bbl	3.0bbl	Shaker 1	VSM-300	255		
	0.0bbl	Shaker 2	VSM-300	280		
1459.5bbl		Shaker 2	VSM-300	280		
456.0bbl		Shaker 3	VSM-300	280		
		Shaker 3	VSM-300	280		
		Shaker 4	VSM-300	280		
		Shaker 4	VSM-300	280		

Marine							
Weather on 11 Aug 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	16kn	270.0deg	1009.0mbar	7C°	1.3m	230.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
24.1deg	440.00klb	2793.00klb	1.6m	230.0deg	6s	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		393.9
				Potable Water	Mt		445
				Drill Water	Mt		150
				CEMENT G	Mt		
				Barite	Mt		84
				Bentonite	Mt		0
				Base Oil	m3		0
				Brine	m3		118
Pacific Valkyrie			At rig	Rig Fuel	m3		288.9
				Potable Water	Mt		353
				Drill Water	m3		618
				CEMENT G	Mt		0
				Barite	Mt		105
				Bentonite	Mt		34.8
				SOBM	m3		74
				Base Oil	m3		118
Brine	m3		119				