



04 Jan 2009

From: Rocco Rossouw/ Peter Sheehan
To: Paul Barrett

Well Data							
Country	Australia	MDBRT	3012.0m	Cur. Hole Size	8.500in	AFE Cost	AUD\$51,857,377
Field	Otway	TVDBRT	3009.2m	Last Casing OD	9.625in	AFE No.	07/002
Drill Co.	Seadrill	Progress	205.0m	Shoe TVDBRT	2797.7m	Daily Cost	AUD\$793,652
Rig	West Triton	Days from spud	22.00	Shoe MDBRT	2800.3m	Cum Cost	AUD\$29,902,148
Wtr Dpth (MSL)	39m	Days on well	26.00	FIT/LOT:	1.92sg /		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Drilling 8.5in hole. At 06:00hrs depth of 3070m.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Continue to drill 8.5in hole.		

Summary of Period 0000 to 2400 Hrs
RIH and drilled out shoe track, rat hole and 3m new formation. Performed FIT . Drilled 8.5in hole from 2810m to 3012m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill	1	0 Days	Abandon rig drill.	All personnel mustered at life boats.	
JSA	6	0 Days	JSA's conducted for the day.		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.	
PTW issued	4	0 Days	PTW issued for the day.		
Safety Meeting	2	1 Day	Weekly safety meeting.		
STOP Card	43	0 Days	Stop cards submitted for the day.	23 positive 20 negative	

Operations For Period 0000 Hrs to 2400 Hrs on 04 Jan 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D1	0000	0200	2.00	2807.0m	Continued to drill float shoe from 2799m. No progress made from 00:00hrs to 00:45hrs. Suspect ADN stabiliser hanging up in float collar, worked bit back through float collar, 12 klbs overpull when working bit through float collar, work through 3 times - all OK. Ran back to float shoe and drilled out shoe with 40 rpm, 4Klbs WOB, 2400 SPP, 101 SPM. At 2802 m bit depth, NB stabiliser torqued up into float shoe, SPP increased 400 psi, 10kft-lb increase on torque, string weight altered 15klbs. Worked stabiliser through 4 times until OK.
P11	P	D2	0200	0430	2.50	2810.0m	Drilled out 12.25in rathole to 2807m . Drilled 3m of new 8.5in hole from 2807m to 2810m. Circulated hole clean and conditioned mud to a consistent mw of 10.3 ppg.
P11	P	E1	0430	0530	1.00	2810.0m	POOH to casing shoe and performed formation integrity test - 2720psi without breaking down. EMW=16ppg.
P11	P	E1	0530	0600	0.50	2810.0m	Rig down from FIT.
P11	P	D2	0600	2230	16.50	3005.0m	Drilled 8.5in hole from 2810m to 3005m. Increased torque and gas units. WOB 10/12Klbs, RPM 80, GPM 700, SPP 2550, TORQUE 8K FT-LB.
P11	P	F4	2230	2300	0.50	3005.0m	Drilling break, flow checked and circulated bottoms up. Maximum gas 130 units.
P11	P	D2	2300	2400	1.00	3012.0m	Continued to drill 8.5in hole from 3005m to 3012m.

Operations For Period 0000 Hrs to 0600 Hrs on 05 Jan 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D2	0000	0030	0.50	3019.0m	Drilled 8.5in hole from 3012m to 3019m.
P11	P	D2	0030	0100	0.50	3019.0m	Drilling break at 3019m, torque fluctuations to 16k ft-lb. Flow check well, static. Continued to circulate - maximum gas 150 units. Increased mud weight from 10.3 ppg to 10.5 ppg.
P11	P	D2	0100	0600	5.00	3070.0m	Continued to drill 8.5in hole from 3019m to 3070m. Drilling break at 3056m, flow check well, static.

Operations For Period Hrs to Hrs on



Phase Data to 2400hrs, 04 Jan 2009						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	78.5	10 Dec 2008	13 Dec 2008	78.50	3.271	0.0m
Conductor Hole(P2)	28	13 Dec 2008	14 Dec 2008	106.50	4.438	119.0m
Conductor Casing(P3)	26.5	14 Dec 2008	15 Dec 2008	133.00	5.542	119.0m
Surface Hole(P4)	51	15 Dec 2008	17 Dec 2008	184.00	7.667	999.0m
Surface Casing(P5)	20	17 Dec 2008	18 Dec 2008	204.00	8.500	999.0m
BOPs/Risers(P6)	13	18 Dec 2008	19 Dec 2008	217.00	9.042	999.0m
Intermediate Hole (1)(P7)	243	19 Dec 2008	29 Dec 2008	460.00	19.167	2807.0m
Intermediate Casing (1)(P9)	112	29 Dec 2008	02 Jan 2009	572.00	23.833	2807.0m
Production Hole (1)(P11)	52	02 Jan 2009	04 Jan 2009	624.00	26.000	3012.0m

General Comments	
00:00 TO 24:00 Hrs ON 04 Jan 2009	
Operational Comments	West Triton Rig Equipment Concerns 1) Need new BOP test tool mandrel. Ordered on the 24/10/08. 2) TDS IBOP is required to be opened before being able to operate rotating head and link tilt functions. Ongoing intermittent issue.

WBM Data				Cost Today					
Mud Type:	KCl / Polymer	API FL:	6.0cc/30min	Cl:	43000mg/l	Solids(%vol):	8%	Viscosity	55sec/qt
Sample-From:	6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity	3.4%vol	PV	15cp
Time:	23:00	HTHP-FL:	11.8cc/30min	Hard/Ca:	600mg/l	Solids:		YP	34lb/100ft²
Weight:	10.35ppg	HTHP-cake:	2/32nd"	MBT:	5	H2O:	89%	Gels 10s	11
Temp:	41C°			PM:	0.1	Oil(%):		Gels 10m	19
				PF:	0.6	Sand:	1.0	Fann 003	10
						pH:	9.5	Fann 006	13
						PHPA:	2ppb	Fann 100	33
								Fann 200	42
								Fann 300	49
								Fann 600	64

Comment

Bit # 6				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	8.50in	IADC#	M423	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Security	WOB(avg)	12.00klb	No.	Size	Progress	205.0m	Cum. Progress		205.0m		
Type:	PDC	RPM(avg)	100	6	14/32nd"	On Bottom Hrs	14.2h	Cum. On Btm Hrs		14.2h		
Serial No.:	11001928	F.Rate	700gpm			IADC Drill Hrs	20.0h	Cum IADC Drill Hrs		20.0h		
Bit Model	SE3653Z	SPP	2750psi			Total Revs		Cum Total Revs		0		
Depth In	2807.2m	HSI	4.86HSI			ROP(avg)	14.44 m/hr	ROP(avg)		14.44 m/hr		
Depth Out		TFA	0.902									

Bit Comment

BHA # 6							
Weight(Wet)	34.00klb	Length	201.4m	Torque(max)	14000ft-lbs	D.C. (1) Ann Velocity	572fpm
Wt Below Jar(Wet)	28.00klb	String	265.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	282.00klb	Torque(On.Btm)	7000ft-lbs	H.W.D.P. Ann Velocity	408fpm
		Slack-Off	256.00klb			D.P. Ann Velocity	408fpm

BHA Run Description

BHA Run Comment Jar hours 14.2

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.26m	8.50in		11001928	
Near Bit Stab	1.86m	8.80in	2.81in	228096	
ARC 6	5.83m	6.81in		2056	
Tele Scope	9.00m	6.75in		VC64	



Equipment	Length	OD	ID	Serial #	Comment
SonicVISION 825	8.19m	6.88in		649	jar hr's 14.2
ADN Tool	6.24m	6.81in		40778	
Drill Collar	93.28m	6.50in	2.88in		
Drilling Jars	9.89m	6.88in	2.75in	1416-1495	
Drill Collar	9.36m	6.50in	2.75in	66571-1	
X/O	1.22m	7.00in	2.81in	7148	
HWDP	56.23m	5.50in	3.50in		

Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
2816.25	3.2	78.9	2813.68	-53.8	-53.8	-47.8	0.4	MWD
2904.72	3.0	88.6	2902.01	-53.2	-53.2	-43.0	0.2	MWD
2992.79	2.7	116.6	2989.98	-54.0	-54.0	-38.7	0.6	MWD

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	0	0	416.0	
Rig Fuel	m3	0	21	0	201.0	
POTABLE WATER	MT	12	21	0	361.0	
Cement class G	MT	0	0	0	89.0	
BLENDED CEMENT	MT	0	0	0	0.0	
Bentonite	MT	0	0	0	4.0	
Barite	MT	0	0	30	100.0	
Brine	m3	48	0	0	107.0	
Helifuel	ltr	0	6	0	4,234.0	

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	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	88.46	97	60	2650	700	2944.0	20	420	117	30	530	175	40	640	233
2	National / 14 P-220	6.50	88.46	97	60	2650	700	2944.0	20	420	117	30	540	175	40	630	233
3	National / 14 P-220	6.50	88.46	97													

Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	151.00m / 151.00m	
13.38	15.00ppg /	987.00m / 987.00m	
9.63	/ 16.00ppg	2800.27m / 2797.72m	

Personnel On Board	
Company	Pax
ADA	4
Seadrill	11
Catering	8
Seadrill Services	32
Tamboritha	2
Halliburton	2
Halliburton - Cementing	2
Baker Hughes Inteq	7
Beach Petroleum Ltd	2
Schlumberger MWD/LWD	3
Dril-Quip	1
Schlumberger (Wireline)	6
Total	80



Mud Volumes, Mud Losses and Shale Shaker Data				Engineer :			
Available	1816.0bbl	Losses	137.0bbl	Equipment	Description	Mesh Size	Comments
Active	488.0bbl	Downhole	0.0bbl				
Mixing		Surf+ Equip	137.0bbl				
Hole	600.0bbl	Dumped					
Slug Reserve	728.0bbl	De-Gasser De-Sander					
Kill		De-Silter Centrifuge Behind casing					

Marine							
Weather on 04 Jan 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	9kn	100.0deg	1008.0mbar	14C°	0.5m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		4430.00klb	2.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Pacific Battler	19.40 03/01/09		On location Fermat - 1	Rig Fuel	m3		8.24			378.6
				Potable Water	m3		6			439
				Drill Water	m3				266	
				Barite	Mt	42			42	
				CEMENT G	Mt					
				Bentonite	Mt				17	
				Brine	m3			48	0	
Pacific Valkyrie		19.50 03/01/09	In transit Portland	Rig Fuel	m3		2.22			273
				Potable Water	Mt		5		224	
				Drill Water	m3				270	
				Barite	Mt			42	0	
				Bentonite	Mt				38.5	
				CEMENT G	Mt				65	
				Brine	m3					

Received 38.5 bentonite from Rig

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1513 / 1523	7 / 1	Schlumberger Wireline