



20 Dec 2008

From: Rocco Rossouw/ Peter Sheehan  
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	1037.0m	Cur. Hole Size	12.250in	AFE Cost	AUD\$51,857,377
Field	Otway	TVDBRT	1036.8m	Last Casing OD	13.375in	AFE No.	07/002
Drill Co.	Seadrill	Progress	36.0m	Shoe TVDBRT	987.0m	Daily Cost	AUD\$921,522
Rig	West Triton	Days from spud	7.00	Shoe MDBRT	987.0m	Cum Cost	AUD\$17,002,317
Wtr Dpth (MSL)	39m	Days on well	11.00	FIT/LOT:	/ 1.80sg		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Drilling 12.25in hole At 06:00hrs depth of 1156m.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Continue to drill 12.25in hole.		

Summary of Period 0000 to 2400 Hrs
Drilled and cleaned out 12.25in hole to 1027m. POOH, changed BHA, RIH, drilled ahead with 12.25in hole.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 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	0 Days	Weekly safety meeting.	
STOP Card	37	0 Days	Stop cards submitted for the day.	27 positive 10 negative
Time Out For Safety	1	0 Days	Drill Crew	Partial backing out of tubular in derrick

Operations For Period 0000 Hrs to 2400 Hrs on 20 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D2	0000	0130	1.50	1027.0m	Continued drilling 12.25in hole from 1011m to 1027m. Continued to work junk sub while drilling.
P7	TP (DH)	F4	0130	0200	0.50	1027.0m	Circulated bottoms up while rotating and reciprocating string. Worked junk sub prior to tripping.
P7	TP (DH)	G8	0200	0500	3.00	1027.0m	POOH from 1027m to 127m. Flow checked prior to commencing tripping
P7	TP (DH)	G8	0500	0730	2.50	1027.0m	POOH with BHA from 127m. Broke out laid down junk sub. Total weight of metal junk recovered from junk basket = 175 grams.
P7	P	G6	0730	1200	4.50	1027.0m	Picked up and RIH with 12.25in BHA. Shallow tested MWD tools. 700GPM. 800 PSI - good test Held JSA prior to commencing job. Held one time out for safety due to lifting sub partially backing out .
P7	P	G2	1200	1330	1.50	1027.0m	Changed out handling equipment and picked up 21 joints of Drill pipe and racked in derrick.
P7	P	G2	1330	1930	6.00	1027.0m	Installed hydraulic slips and continued to pick up drill pipe from deck, RIH with same from 151m to 979m.
P7	P	G1	1930	2000	0.50	1027.0m	Changed out hydraulic slips and handling equipment, calibrated Schlumberger depth sensor.
P7	P	E8	2000	2300	3.00	1027.0m	Made up TDS and logged from casing shoe at TD 987m to 1027m. Parameters 40 m/hr , GPM 800 , RPM 40 , SPP 1800.
P7	TP (RE)	G11	2300	2330	0.50	1027.0m	Drawworks alarm activated for "broken chain alarm" troubleshot drawworks chain alarm. No problem found.
P7	P	D2	2330	2400	0.50	1037.0m	Drill 12.25in hole from 1027m to 1037m.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D2	0000	0600	6.00	1478.0m	(IN PROGRESS) Drilled 12.25in hole from 1037m to 1478m. RPM 100/150. GPM 800/900. SPP1800. Torque 2k. WOB 5/12

**Operations For Period Hrs to Hrs on**



Phase Data to 2400hrs, 20 Dec 2008						
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)	47	19 Dec 2008	20 Dec 2008	264.00	11.000	1037.0m

General Comments	
00:00 TO 24:00 Hrs ON 20 Dec 2008	
<b>Operational Comments</b>	West Triton Rig Equipment Concerns 1) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 2) Need new BOP test tool mandrel. Ordered on the 24/10/08. 3) 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:	KCI	API FL:	4.4cc/30min	Cl:	38000mg/l	Solids(%vol):	3%	Viscosity	155sec/qt
Sample-From:	6	Filter-Cake:	1/32nd"	K+C*1000:	20%	Low-Gravity	0.2%vol	PV	30cp
Time:	22:25	HTHP-FL:		Hard/Ca:	320mg/l	Solids:		YP	42lb/100ft²
Weight:	9.50ppg	HTHP-cake:		MBT:	2.5	H2O:	94%	Gels 10s	10
Temp:	25C°			PM:	0.13	Oil(%):		Gels 10m	15
				PF:	0.08	Sand:		Fann 003	9
						pH:	9.5	Fann 006	11
						PHPA:	3ppb	Fann 100	41
								Fann 200	59
								Fann 300	72
								Fann 600	102
Comment									

Bit # 3				Wear	I	O1	D	L	B	G	O2	R
					0	0	NO	A	E	I	NO	BHA
Bitwear Comments: Only used to drill out shoe track and clean any potential junk of bottom.												
Size ("):	12.25in	IADC#	117	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>			
Mfr:	HUGHES	WOB(avg)	6.00klb	No.	Size	Progress	26.0m	Cum. Progress		38.0m		
Type:	tri	RPM(avg)	60	3	16/32nd"	On Bottom Hrs	1.5h	Cum. On Btm Hrs		2.0h		
Serial No.:	5149536	F.Rate	800gpm			IADC Drill Hrs	1.5h	Cum IADC Drill Hrs		2.0h		
Bit Model	GT-1	SPP	1800psi			Total Revs		Cum Total Revs		0		
Depth In	987.0m	HSI				ROP(avg)	17.33 m/hr	ROP(avg)		19.00 m/hr		
Depth Out	1027.0m	TFA	0.589									
Bit Comment Shoe drill out and junk run assembly												

Bit # 4				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	12.25in	IADC#	M432	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>			
Mfr:	REED-HYCALOG	WOB(avg)	4.00klb	No.	Size	Progress	10.0m	Cum. Progress		10.0m		
Type:	PDC	RPM(avg)	150	3	13/32nd"	On Bottom Hrs	1.0h	Cum. On Btm Hrs		1.0h		
Serial No.:	212219	F.Rate	1000gpm	3	14/32nd"	IADC Drill Hrs	1.0h	Cum IADC Drill Hrs		1.0h		
Bit Model	RSR616M-A10	SPP	1800psi			Total Revs		Cum Total Revs		0		
Depth In	1027.0m	HSI				ROP(avg)	10.00 m/hr	ROP(avg)		10.00 m/hr		
Depth Out		TFA	0.840									
Bit Comment												



<b>BHA # 3</b>							
Weight(Wet)	37.00klb	Length	126.8m	Torque(max)	4000ft-lbs	D.C. (1) Ann Velocity	239fpm
Wt Below Jar(Wet)	32.00klb	String	150.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	152.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	164fpm
		Slack-Off	150.00klb			D.P. Ann Velocity	164fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.30m	12.25in		5149536	
Junk Sub	0.90m	9.63in	2.81in	227460	
Near Bit Stab	2.08m	12.25in	2.88in	703984	
Drill Collar	47.24m	8.25in	2.88in		
Drilling Jars	9.68m	8.00in		17621380	
Drill Collar	9.46m	8.25in	2.88in	5T8	
X/O	0.93m	7.00in	2.88in	sssd7132	
HWDP	56.23m	5.50in	3.25in		

**BHA # 4**

Weight(Wet)	51.00klb	Length	151.4m	Torque(max)	3000ft-lbs	D.C. (1) Ann Velocity	299fpm
Wt Below Jar(Wet)	34.00klb	String	154.00klb	Torque(Off.Btm)	1000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	155.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	205fpm
		Slack-Off	155.00klb			D.P. Ann Velocity	205fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.29m	12.25in		212219	
Near Bit Stab	2.08m	12.25in	2.88in	703984	
ARC8	5.92m	9.13in		1957	
Tele Scope	8.97m	11.75in		VR52	
SonicVISION 825	8.19m	11.25in		48648	
String Stabiliser	2.44m	12.19in	2.88in	OSS041163B	
Drill Collar	47.24m	8.25in	2.88in		
Drilling Jars	9.68m	8.00in		1762-1380	Jar hr's 60
Drill Collar	9.46m	8.25in	2.88in	5T8	
X/O	0.93m	8.25in	2.81in	SSSD7132	
HWDP	56.23m	5.50in	3.06in		

**Survey**

MD	Incl	Azim	TVD	Vsec	N-S	E-W	DLS	Tool Type
(m)	(deg)	(deg)	(m)	(deg)	(m)	(m)	(deg/30m)	
1023.76	2.6	224.8	1023.57	-6.2	-6.2	-6.5	0.9	MWD

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	15	0	359.0
Rig Fuel	m3	0	16	0	207.0
POTABLE WATER	MT	12	23	0	354.0
Cement class G	MT	79	0	0	131.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	42.0
Barite	MT	0	3	0	144.0
Brine	m3	77	0	0	125.0
Helifuel	ltr	2957	0	0	5,157.0

<b>Pumps</b>																	
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	79.28	97	70	1800	800	987.0	30	140	175	40	190	233	50	270	292
2	National / 14 P-220	6.50	77.61	97													
3	National / 14 P-220	6.50		97	670	1800	800	1025.0	30	140	175	40	200	233	50	280	292

<b>Casing</b>			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	151.00m / 151.00m	
13.38	15.00ppg /	987.00m / 987.00m	

<b>Personnel On Board</b>	
Company	Pax
ADA	4
Seadrill	12
Catering	9
Seadrill Services	32
Tamboritha	2
Halliburton	2
Halliburton - Cementing	2
Baker Hughes Inteq	6
Beach Petroleum Ltd	2
Schlumberger MWD/LWD	3
<b>Total</b>	<b>74</b>

<b>Mud Volumes, Mud Losses and Shale Shaker Data</b>				Engineer :			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1225.0bbl	0.0bbl						
Active	262.0bbl		Downhole				
Mixing	450.0bbl		Surf+ Equip	0.0bbl			
Hole	494.0bbl		Dumped				
Slug	19.0bbl		De-Gasser				
Reserve Kill			De-Sander De-Sifter Centrifuge				

<b>Marine</b>							
Weather on 20 Dec 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	23kn	98.0deg	1011.0mbar	15C°	1.0m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		2232.00klb	1.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler	20/12/08		On location Fermat-1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		12.15	0	0	467.6
Potable Water	m3		3	0	0	281				
Drill Water	m3		0			16				
Barite	Mt	0	0			0				
CEMENT G	Mt		0	0		84				
Bentonite	Mt	0	0	25	0	17				
Brine	m3	0	0	0	0	0				



<b>Pacific Valkyrie</b>	20/12/08		On location Fermat-1	<b>Item</b>	<b>Unit</b>	<b>In</b>	<b>Used</b>	<b>Transfer to Rig</b>	<b>Adjust</b>	<b>Quantity</b>		
				Rig Fuel	m3	0	6.66			0	388.7	
				Potable Water	Mt							451
				Drill Water	m3	533				0		733
				Barite	Mt	42	0					42
				Bentonite	Mt	0	0		0			0
				CEMENT G	Mt	0	0				0	0

<b>Helicopter Movement</b>				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	12.11 / 12.17	0 / 1	Unscheduled due to crew member family bereavement