

26 Dec 2008

From: Rocco Rossouw/ Peter Sheehan
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	2396.0m	Cur. Hole Size	12.250in	AFE Cost	AUD\$51,857,377
Field	Otway	TVDBRT	2393.8m	Last Casing OD	13.375in	AFE No.	07/002
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	987.0m	Daily Cost	AUD\$867,139
Rig	West Triton	Days from spud	13.00	Shoe MDBRT	987.0m	Cum Cost	AUD\$21,684,516
Wtr Dpth (MSL)	39m	Days on well	17.00	FIT/LOT:	/ 1.80sg		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Drilling 12 1/4" directional hole. At 06.00 TD 2402m		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Continue to drill 12 1/4" correctional hole.		

Summary of Period 0000 to 2400 Hrs
POOH , changed out BHA for correction run. RIH to bit depth 1341m. 8 hr's trouble time due to cyber system problem.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	Abandon rig drill.	All personnel mustered at life boats.
First Aid Case		1 Day	Pinched finger	Finger jammed in door while closing . Minor bruising , first aid applied.
JSA	5	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	6 Days	Weekly safety meeting.	
STOP Card	21	0 Days	Stop cards submitted for the day.	12 positive 9 negative

Operations For Period 0000 Hrs to 2400 Hrs on 26 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	D6	0000	0300	3.00	2396.0m	Continued to backream out of hole from 1245m to 987m , casing shoe. At 1038m washpipe seals totally failed . Straight pull from 1038m to 987m 5/10k overpull. Attempted straight pull at 1067m , no success 25/30k overpull.
P7	TP (RE)	G11	0300	0330	0.50	2396.0m	Bit in casing shoe , trouble shot and re calibrated cyber system block height parameters.
P7	TP (RE)	G11	0330	0400	0.50	2396.0m	Replaced TDS wash pipe seal assembly.
P7	TP (RE)	G8	0400	0730	3.50	2396.0m	Pumped slug , continued to POOH 2 stands , re-occurring problem with cyber system/drawworks , travelling block speed okay for first 20m of stand then reverts to slow/crawl speed .Continued to trouble shoot problem.
P7	TP (RE)	G8	0730	1030	3.00	2396.0m	Continue to POOH slow/crawl mode from 920m to 409m
P7	P	G8	1030	1130	1.00	2396.0m	Continue to POOH slow/crawl mode from 409m to 239.91m
P7	TP (RE)	G11	1130	1200	0.50	2396.0m	Trouble shot cyber/drawworks slow mode issue in conjunction with live link to NOV Norway. Repair problem.
P7	P	G6	1200	1400	2.00	2396.0m	POOH from 239m to surface with BHA.
P7	P	G6	1400	1600	2.00	2396.0m	Broke out and layed out bit, stabiliser, sonic, telescope, ARC, N.B .
P7	P	G11	1600	1630	0.50	2396.0m	Serviced Rig and TDS
P7	P	G6	1630	1900	2.50	2396.0m	Picked up and made up BHA for correction run .
P7	P	G6	1900	2000	1.00	2396.0m	RIH with BHA to 121m , shallow tested MWD,800 GPM , 1050 PSI . Good test.
P7	P	G8	2000	2400	4.00	2396.0m	RIH from 121m to 1341m.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Dec 2008							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P7	P	G8	0000	0300	3.00	2396.0m	Continued to RIH from 1341m to 2346m. Hole good condition .
P7	P	F1	0300	0330	0.50	2396.0m	Made up TDS , precautionary washed and reamed to bottom from 2346m to 2396m, 800 GPM ,1700 PSI, 80 RPM.
P7	P	D3	0330	0600	2.50	2422.0m	(IN PROGRESS) Drilled 12 1/4" sliding hole from 2396m to 2422m



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							GPM 900 . SPP 2000 OFF BTM .SPP 2400 ON BTM . WOB 7/12K.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 26 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)	191	19 Dec 2008	26 Dec 2008	408.00	17.000	2396.0m

WBM Data		Cost Today	
Mud Type: KCl / Polymer	API FL: 4.5cc/30min	Cl: 47500mg/l	Solids(%vol): 5%
Sample-From: 6	Filter-Cake: 1/32nd"	K+C*1000: 7%	Low-Gravity Solids: 3.8%vol
Time: 15:30	HTHP-FL: 10.6cc/30min	Hard/Ca: 200mg/l	H2O: 91%
Weight: 9.80ppg	HTHP-cake: 2/32nd"	MBT: 3	Oil(%):
Temp: 25C°		PM: 0.1	Sand: .5
		PF: 0.1	pH: 8.5
			PHPA: 2ppb
			Viscosity 57sec/qt
			PV 14cp
			YP 32lb/100ft²
			Gels 10s 11
			Gels 10m 17
			Fann 003 10
			Fann 006 13
			Fann 100 30
			Fann 200 40
			Fann 300 46
			Fann 600 60
Comment			

Bit # 4				Wear	I	O1	D	L	B	G	O2	R
				5		3	RO	C		I	LT	BHA
Bitwear Comments:												
Size ("):	12.25in	IADC#	M432	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	REED-HYCALOG	WOB(avg)	13.00klb	No.	Size	Progress	0.0m	Cum. Progress	1370.5m			
Type:	PDC	RPM(avg)	220	3	13/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	83.3h			
Serial No.:	212219	F.Rate	1000gpm	3	14/32nd"	IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	97.2h			
Bit Model	RSR616M-A10	SPP	2300psi			Total Revs	945	Cum Total Revs	2034			
Depth In	1027.0m	HSI	5.26HSI			ROP(avg)	N/A	ROP(avg)	16.45 m/hr			
Depth Out	2396.0m	TFA	0.840									
Bit Comment												

Bit # 5				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	12.25in	IADC#	M432	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	REED-HYCALOG	WOB(avg)		No.	Size	Progress		Cum. Progress	0.0m			
Type:	PDC	RPM(avg)		3	13/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h			
Serial No.:	219736	F.Rate		3	15/32nd"	IADC Drill Hrs		Cum IADC Drill Hrs	0.0h			
Bit Model	RSX616M-A10	SPP				Total Revs		Cum Total Revs	0			
Depth In	2396.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr			
Depth Out		TFA	0.907									
Bit Comment												

BHA # 4							
Weight(Wet)	51.00klb	Length	151.4m	Torque(max)	11000ft-lbs	D.C. (1) Ann Velocity	299fpm
Wt Below Jar(Wet)	34.00klb	String	238.00klb	Torque(Off.Btm)	8000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	255.00klb	Torque(On.Btm)	8000ft-lbs	H.W.D.P. Ann Velocity	205fpm



Slack-Off		224.00klb		D.P. Ann Velocity		205fpm	
BHA Run Description							
BHA Run Comment Jar hrs 127							
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.29m	12.25in		212219	Jar hr's 127		
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			
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				

BHA # 5							
Weight(Wet)	48.00klb	Length	159.8m	Torque(max)	D.C. (1) Ann Velocity	0fpm	
Wt Below Jar(Wet)	28.00klb	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							
BHA Run Comment Jar hr's 146							
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.30m	12.25in		219736	jar hr's 146		
Motor	9.72m	12.13in	2.33in	1470WO			
Float Sub	0.79m	7.94in	2.88in	ASQ8038			
ARC8	5.92m	9.13in		1948			
Tele Scope	8.97m	11.75in		VR52			
SonicVISION 825	8.09m	11.13in		41229A			
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			
Drill Collar	9.46m	8.25in	2.88in	5TB			
X/O	0.93m	8.25in	2.81in	SSSD7132			
HWDP	56.23m	5.50in	3.06in				

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance		
Drill Water	MT	300	80	0	450.0		
Rig Fuel	m3	0	17	0	207.0		
POTABLE WATER	MT	12	25	0	300.0		
Cement class G	MT	0	0	0	131.0		
BLENDED CEMENT	MT	0	0	0	0.0		
Bentonite	MT	0	0	0	42.0		
Barite	MT	0	0	0	115.0		
Brine	m3	0	0	0	53.0		
Helifuel	ltr	0	0	0	5,405.0		

Pumps																	
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	81.78	97	85	2300	1000	2337.0	30	280	175	40	300	233	50	400	292
2	National / 14 P-220	6.50	81.78	97								40	240	240	50	320	320
3	National / 14	6.50	81.78	97	85	2300	1000	2337.0	30	260	175	40	300	233	50	400	292



Pumps													
Pump Data - Last 24 Hrs							Slow Pump Data						
P-220													

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

Personnel On Board	
Company	Pax
ADA	4
Seadrill	12
Catering	9
Seadrill Services	33
Tamboritha	2
Halliburton	2
Halliburton - Cementing	2
Baker Hughes Inteq	6
Beach Petroleum Ltd	1
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	4
Dril-Quip	2
Weatherford	6
Total	86

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer :			
Available	2261.0bbl	Losses	42.0bbl	Equipment	Description	Mesh Size	Comments
Active	416.0bbl	Downhole	0.0bbl				
Mixing		Surf+ Equip	42.0bbl				
Hole	1125.0bbl	Dumped					
Slug	0.0bbl	De-Gasser					
Reserve	720.0bbl	De-Sander					
Kill		De-Silting Centrifuge					

Marine							
Weather on 26 Dec 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	14kn	50.0deg	999.0mbar	16C°	0.5m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		4991.00klb	1.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler	18.15 24/12/08		On location Fermat-1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		2.72			437.6
				Potable Water	m3		6			356
				Drill Water	m3					122
				Barite	Mt					
				CEMENT G	Mt					
				Bentonite	Mt					17
Brine	m3					0				
Pacific Valkyrie			On location Fermat-1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		5.13			272.7



				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Potable Water	Mt		5	80		341
				Drill Water	m3					233
				Barite	Mt					0
				Bentonite	Mt					
				CEMENT G	Mt					