

01 Jan 2009

From: Rocco Rossouw/ Peter Sheehan
To: Paul Barrett

Well Data						
Country	Australia	MDBRT	2807.0m	Cur. Hole Size		AFE Cost AUD\$51,857,377
Field	Otway	TVDBRT	2804.4m	Last Casing OD	9.625in	AFE No. 07/002
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2797.7m	Daily Cost AUD\$728,224
Rig	West Triton	Days from spud	19.00	Shoe MDBRT	2800.3m	Cum Cost AUD\$27,439,421
Wtr Dpth (MSL)	39m	Days on well	23.00	FIT/LOT:	/	
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Testing BOPs	
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Test BOPs. Install diverter. Lay down 12.25in BHA Make 8.5in BHA, RIH.	

Summary of Period 0000 to 2400 Hrs
Picked up 28 std's DP. Installed and tested seal assembly.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 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	3	0 Days	PTW issued for the day.	
Safety Meeting	2	5 Days	Weekly safety meeting.	
STOP Card	30	0 Days	Stop cards submitted for the day.	17 positive 10 negative

Operations For Period 0000 Hrs to 2400 Hrs on 01 Jan 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P9	TP (TP)	G12	0000	0130	1.50	2807.0m	POOH with seal assembly. Split lock down ring of the hanger body recovered, broken in two pieces, bent and mangled, sitting on top of seal assembly running tool. All seal rings on seal assembly missing.
P9	TP (TP)	G12	0130	0230	1.00	2807.0m	Laid out seal assembly running tool and seal assembly. Racked back D.P stands below running tool.
P9	TP (TP)	G12	0230	0330	1.00	2807.0m	Waited on consultation between Drill Quip onsite and onshore engineers. Decision to remove BOP's and inspect wellhead for damage. Concurrent operation was jetting the BOPs.
P9	TP (TP)	G12	0330	0500	1.50	2807.0m	Nippled down BOPs and moved aside, cleaned seal assembly seating area and top of casing hanger for inspection.
P9	P	G2	0500	1030	5.50	2807.0m	Picked up drill pipe pending forward plan for seal assembly. Picked up 26 std's 5.5in DP.
P9	TP (TP)	G12	1030	1330	3.00	2807.0m	RIH with mill and flush tool, 8 stds 5.5in D.P, 1 std 5.5in HWDP below. Milled and flushed 9.625in casing seal assembly seat area.
P9	TP (WB)	G12	1330	1400	0.50	2807.0m	Inspected seal assembly area, removed debris from around hanger and seal area.
P9	TP (TP)	G12	1400	1500	1.00	2807.0m	Laid out mill and flush assembly. Made up seal assembly running tool.
P9	P	G12	1500	1600	1.00	2807.0m	RIH with seal assembly and set . Tested seal assembly test cavity to 2k 5/min , good test .
P9	P	G12	1600	1730	1.50	2807.0m	POOH and laid out seal assembly running tool.
P9	TP (TP)	G12	1730	1830	1.00	2807.0m	Installed BOPs and nipped up.
P9	P	G12	1830	2130	3.00	2807.0m	RIH with seal assembly running tool. Engaged seal assembly. Closed BOPs and applied 2k down pressure to top of seal assembly to fully energize seal assembly. Pressure leaked at radial bolt connection BOP to well head. Retorqued connection, reapplied pressure 2k 5/min, test OK. Bled of pressure, opened BOPs. Drill crew advised after test small leak visible on connector.
P9	P	G12	2130	2200	0.50	2807.0m	Pressure tested seal assembly 7500 psi/5 min. Good test.
P9	P	G12	2200	2330	1.50	2807.0m	POOH , laid out seal assembly running tool.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P9	P	G12	2330	2400	0.50	2807.0m	Cleared excess equipment from rig floor, made rig floor tidy and safe.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Jan 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P9	P	G12	0000	0200	2.00	2807.0m	Made up combination test tool /wear bushing with cup test below. RIH to 17m.
P9	TP (RE)	G12	0200	0300	1.00	2807.0m	Lifted BOPs off wellhead and replaced wellhead seal gasket . Held JSA and toolbox meeting prior to commencing job.
P9	P	P3	0300	0500	2.00	2807.0m	Spaced out BOP test assembly, set wear bushing. Rigged up surface lines and pressure tested same.
P9	P	P3	0500	0600	1.00	2807.0m	Pressure tested BOPs. Test #1 Annular preventer 250 psi/5 min ,5000 psi/10 min , good test. Test # 2 Middle pipe rams 250 psi/5 min ,7500/10 min good test.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 01 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)	92	29 Dec 2008	01 Jan 2009	552.00	23.000	2807.0m

General Comments	
00:00 TO 24:00 Hrs ON 01 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: KCI / Polymer	API FL: 5.0cc/30min	Cl: 46000mg/l	Solids(%vol): 6%	Viscosity 55sec/qt
Sample-From: 6	Filter-Cake: 1/32nd"	K+C*1000: 7%	Low-Gravity 3.0%vol	PV 15cp
Time: 19:00	HTHP-FL: 11.0cc/30min	Hard/Ca: 320mg/l	Solids:	YP 40lb/100ft²
Weight: 10.10ppg	HTHP-cake: 2/32nd"	MBT: 5	H2O: 90%	Gels 10s 14
Temp: 25C°		PM: 0.05	Oil(%):	Gels 10m 24
		PF: 0.05	Sand: .1	Fann 003 13
			pH: 8.5	Fann 006 16
			PHPA: 2ppb	Fann 100 37
				Fann 200 47
				Fann 300 55
				Fann 600 70
Comment				

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	109	0	434.0
Rig Fuel	m3	0	10	0	238.0
POTABLE WATER	MT	12	22	0	235.0
Cement class G	MT	0	0	0	89.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	42.0
Barite	MT	0	0	0	70.0
Brine	m3	0	0	0	92.0
Helifuel	ltr	0	0	-230	4,260.0



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	82.62	97				2730.0	30	290	175	40	320	233	50	400	292
2	National / 14 P-220	6.50	81.78	97								40	240	240	50	320	320
3	National / 14 P-220	6.50	82.62	97				2730.0	30	280	175	40	320	233	50	400	292

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

Personnel On Board	
Company	Pax
ADA	4
Seadrill	11
Catering	8
Seadrill Services	32
Tamboritha	2
Halliburton	1
Halliburton - Cementing	2
Baker Hughes Inteq	7
Beach Petroleum Ltd	2
Schlumberger MWD/LWD	3
Dril-Quip	2
Total	74

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer :			
Available	2015.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	465.0bbl	Downhole	0.0bbl				
Mixing		Surf+ Equip	0.0bbl				
Hole	697.0bbl	Dumped					
Slug	24.0bbl	De-Gasser					
Reserve	829.0bbl	De-Sander					
Kill		De-Silter Centrifuge Behind casing					

Marine							
Weather on 01 Jan 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	26kn	210.0deg	1009.0mbar	12C°	2.0m	210.0deg	7s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg	330.00klb	4404.00klb	4.6m	230.0deg	13s	windy	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler		03.15 31.12.08	Alongside Portland	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		1.4			
Potable Water	m3		2							449



				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Drill Water	m3					266
				Barite	Mt					
				CEMENT G	Mt					
				Bentonite	Mt					
				Brine	m3					
Pacific Valkyrie	03.11 31.12.08		On location Fermat -1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		10.1			298.9
				Potable Water	Mt		5			389
				Drill Water	m3					270
				Barite	Mt					42
				Bentonite	Mt					
				CEMENT G	Mt					65
				Brine	m3			45.6		0