



07 Jan 2009

From: Sean De Freitas / Peter Sheehan  
To: Paul Barrett

Well Data							
Country	Australia	MDBRT	3585.0m	Cur. Hole Size	8.500in	AFE Cost	AUD\$51,857,377
Field	Otway	TVDBRT	3580.4m	Last Casing OD	9.625in	AFE No.	07/002
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2797.7m	Daily Cost	AUD\$789,236
Rig	West Triton	Days from spud	25.00	Shoe MDBRT	2800.3m	Cum Cost	AUD\$32,266,916
Wtr Dpth (MSL)	39m	Days on well	29.00	FIT/LOT:	1.92sg /		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Logging up with wireline log run #1 PEX-DT from 3585m.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Continue to run wireline logs.		

Summary of Period 0000 to 2400 Hrs
RIH washing and reaming from casing shoe to bottom as required. Increased mud weight from 10.5ppg to 11.0 ppg. POOH to run wireline logs.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill	1	3 Days	Abandon rig drill.	All personnel mustered at life boats.	
JSA	15	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	12	0 Days	PTW issued for the day.		
Safety Meeting	2	4 Days	Weekly safety meeting.		
STOP Card	20	0 Days	Stop cards submitted for the day.	14 positive 6 negative	

Operations For Period 0000 Hrs to 2400 Hrs on 07 Jan 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	TP (DH)	G8	0000	0100	1.00	3585.0m	RIH. Stabilisers hung up in float shoe 20klb down weight. Had to ream all stabilisers through float shoe. After reaming through one time with 40 RPM no hang-up signs thereafter when working stabilisers back through.
P11	P	G8	0100	0300	2.00	3585.0m	RIH from 2280m to 3451m. Took weight at 3451m - 20klb down weight.
P11	P	F1	0300	0330	0.50	3585.0m	Made up TDS and broke circulation. Washed from 3451m to 3480m at 100 GPM. Took 5-10klb weight to wash past.
P11	P	D6	0330	0530	2.00	3585.0m	Washed / light reamed from 3480m to 3576m. After connection at 3480m hole packed off. Broke string free and established full circulation. Washed and reamed from 3480m to 3576m. RPM 80, GPM 500, SPP 1900, average torque 3/6klb, torque fluctuations up to 19k ft-lb. Each connection attempted to slack off without pump and rotary to check hole condition. No success, 15k drag.
P11	P	F4	0530	0700	1.50	3585.0m	Washed and reamed from 3576m to 3585m. Hole packing off and drill string torquing up to stall out when attempting to ream past 3576m. Circulated hole clean and completed reaming to bottom at 3585m. (Significant increase in cuttings and cavings observed on bottoms up)
P11	P	G8	0700	0730	0.50	3585.0m	POOH from 3585m to 3549m. 20klb overpull at 3568m - worked clear. 30klb overpull at 3549m - unable to work through.
P11	P	D6	0730	0800	0.50	3585.0m	Made up TDS. Washed and reamed back to bottom from 3549m to 3585m.
P11	P	F4	0800	0930	1.50	3585.0m	Circulated and weighed up mud from 10.5 ppg to 11.0 ppg.
P11	TP (RE)	G11	0930	1000	0.50	3585.0m	Replaced grease nipple on TDS swivel packing due to nipple failing and leaking mud.
P11	P	G8	1000	1730	7.50	3585.0m	POOH from 3585m to 614m. Hole in good condition. Flow checked on bottom and at shoe static.
P11	P	F3	1730	1800	0.50	3585.0m	String started pulling wet at 614m. Pumped slug.
P11	P	G6	1800	2000	2.00	3585.0m	Continued POOH and racked back HWDP and drill collars.
P11	P	G7	2000	2100	1.00	3585.0m	Retrieved radio active sources from MWD tools.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G7	2100	2230	1.50	3585.0m	Broke out and laid out MWD tools, bit, near bit stabiliser. Bit: 1,1,CT, N, X, I, NO, TD.
P11	P	G1	2230	2300	0.50	3585.0m	Cleared & cleaned drill floor. Held PJSM for rigging up schlumberger wireline.
P11	P	G1	2300	2400	1.00	3585.0m	Rigged up Schlumberger wireline. Commenced picking up tools for wireline log run #1 PEX-DT

**Operations For Period 0000 Hrs to 0600 Hrs on 08 Jan 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G1	0000	0030	0.50	3585.0m	Made up Schlumberger wireline tools for wireline log run #1 PEX-DT.
P11	P	G1	0030	0100	0.50	3585.0m	Schlumberger performed calibration test of tools.
P11	P	E3	0100	0400	3.00	3585.0m	RIH with wireline log run #1 PEX-DT to TD at 3585m. Tagged up at 2860m, 2996m, 3008m, 3205m, 3455m, 3569m. Able to work wireline tool string through without problems.
P11	P	E3	0400	0600	2.00	3585.0m	Logged up from 3585m.

**Operations For Period Hrs to Hrs on**

<b>Phase Data to 2400hrs, 07 Jan 2009</b>						
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)	124	02 Jan 2009	07 Jan 2009	696.00	29.000	3585.0m

**General Comments**

00:00 TO 24:00 Hrs ON 07 Jan 2009	
<b>Operational Comments</b>	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.

<b>WBM Data</b>		<b>Cost Today</b>							
Mud Type:	KCl / Polymer	API FL:	6.0cc/30min	Cl:	40000mg/l	Solids(%vol):	11%	Viscosity	59sec/qt
Sample-From:	6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	4.9%vol	PV	23cp
Time:	15:00	HTHP-FL:	12.0cc/30min	Hard/Ca:	440mg/l	H2O:	89%	YP	28lb/100ft²
Weight:	11.00ppg	HTHP-cake:	2/32nd"	MBT:	11.25	Oil(%):		Gels 10s	12
Temp:	47C°			PM:	0.05	Sand:	1	Gels 10m	30
				PF:	0.05	pH:	8.5	Fann 003	13
						PHPA:	2ppb	Fann 006	16
								Fann 100	32
								Fann 200	45
								Fann 300	51
								Fann 600	74
Comment									

<b>Bit # 6</b>	Wear	I	O1	D	L	B	G	O2	R
		1	1	CT	N	X	I	NO	TD
Bitwear Comments: 7 chipped teeth on inner row. Apart from that bit in good condition.									
Size ("):	8.50in	IADC#	M423	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>		<b>Calculated over Bit Run</b>	



Mfr:	Security	WOB(avg)	18.00klb	No.	Size	Progress	0.0m	Cum. Progress	778.0m
Type:	PDC	RPM(avg)	90	6	14/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	42.4h
Serial No.:	11001928	F.Rate	700gpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	57.5h
Bit Model	SE3653Z	SPP	2900psi			Total Revs	0	Cum Total Revs	153
Depth In	2807.2m	HSI	4.86HSI			ROP(avg)	N/A	ROP(avg)	18.35 m/hr
Depth Out	3585.0m	TFA	0.902						

Bit Comment

<b>BHA # 6</b>									
Weight(Wet)	34.00klb	Length	201.4m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	572fpm		
Wt Below Jar(Wet)	28.00klb	String	283.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity	0fpm		
		Pick-Up	319.00klb	Torque(On.Btm)	7000ft-lbs	H.W.D.P. Ann Velocity	408fpm		
		Slack-Off	273.00klb			D.P. Ann Velocity	408fpm		

BHA Run Description

BHA Run Comment Jar hours 42.4

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.26m	8.50in		11001928	
Near Bit Stab	1.86m	8.50in	2.81in	228096	
ARC 6	5.83m	6.81in		2056	
Tele Scope	9.00m	6.75in		VC64	8" Integral Stabilizer on bottom of tool
SonicVISION 825	8.19m	6.88in		649	7 7/8" Integral Stabilizer on bottom of tool
ADN Tool	6.24m	6.81in		40778	8 1/8" Integral Stabilizer in middle of tool
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		

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	7	0	388.0
Rig Fuel	m3	0	15	0	221.0
POTABLE WATER	MT	12	28	0	329.0
Cement class G	MT	0	0	0	89.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	16	0	0	20.0
Barite	MT	40	18	0	113.0
Brine	m3	0	0	0	107.0
Helifuel	ltr	0	938	0	2,828.0

**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)	SPP1Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)	
1	National / 14 P-220	6.50	10.60	97	60	2900	700	3300.0	20	520	117	30	640	175	40	800	233
2	National / 14 P-220	6.50	10.60	97	60	2900	700	3300.0	20	500	117	30	620	175	40	780	233
3	National / 14 P-220																

**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 /	



Casing			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
		2797.72m	

Personnel On Board	
Company	Pax
ADA	4
Seadrill	10
Catering	8
Seadrill Services	34
Tamboritha	2
Halliburton	2
Halliburton - Cementing	2
Baker Hughes Inteq	7
Beach Petroleum Ltd	3
Schlumberger MWD/LWD	3
Dril-Quip	1
Schlumberger (Wireline)	9
Baker Oil Tools	2
Beach Petroleum Ltd	1
OPC	1
Total	89

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer :			
Available	1531.0bbl	Losses	59.0bbl	Equipment	Description	Mesh Size	Comments
Active	463.0bbl	Downhole	0.0bbl	Shaker 1	VSM 300	145	
Mixing		Surf+ Equip	59.0bbl	Shaker 2	VSM 300	255	
Hole	876.0bbl	Dumped		Shaker 3	VSM 300	255	
Slug Reserve	192.0bbl	De-Gasser De-Sander		Shaker 4	VSM 300	145	
Kill		De-Silting Centrifuge Behind casing					

Marine							
Weather on 07 Jan 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	14kn	220.0deg	1011.0mbar	14C°	0.5m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		5044.00klb	1.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler		16.45 07/01/09	Alongside Anderson wharf Portland	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		9.9			363.9
				Potable Water	m3	40	3		447	
				Drill Water	m3				266	
				Barite	Mt				0	
				CEMENT G	Mt				0	
				Bentonite	Mt				0	
Brine	m3				0					
Pacific Valkyrie	14.53 06/01/09		On location Fermat - 1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		4.9		340.8	
				Potable Water	Mt		5		389	
				Drill Water	m3				472	
				Barite	Mt					
				Bentonite	Mt				38.5	



				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				CEMENT G	Mt					65
				Brine	m3					

**Helicopter Movement**

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1157 / 1223	14 / 10	TMS, DriI-Quip, BHI & Tamboritha Crew Change