

10 Jan 2009

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

Well Data							
Country	Australia	MDBRT	3585.0m	Cur. Hole Size	8.500in	AFE Cost	AUD\$48,230,000
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\$789,573
Rig	West Triton	Days from spud	28.00	Shoe MDBRT	2800.3m	Cum Cost	AUD\$35,869,720
Wtr Dpth (MSL)	39m	Days on well	32.06	FIT/LOT:	1.92sg /		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	POOH laying down excess 5.5" drill pipe whilst WOC.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Continue laying down excess tubulars whilst WOC. RIH and wash down and tag TOC with 5000 lbs to verify. Continue with abandonment program.		

Summary of Period 0000 to 2400 Hrs

Removed MWD sensor from standpipe line in derrick. Made up cement stand and racked same in derrick. Picked up and RIH with 3.5" cement stinger on 5.5" drill pipe. Took 15k weight at 3527m. Attempted to establish circulation. Drill string plugged. Worked and cleared same with 3500 psi. Difficulty working string up/down. Continued to establish free circulation and pipe movement. Hole packing off. Worked and cleared same. Pulled above and circulated bottoms up prior to setting a balanced cement plug #1A from 3327m to 3127m. POOH slowly (dry) from 3327m to 3305m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill	1	6 Days	Abandon rig drill.	All personnel mustered at life boats.	
JSA	8	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	10	0 Days	PTW issued for the day.		
Safety Meeting	2	0 Days	Weekly safety meeting.		
STOP Card	26	0 Days	Stop cards submitted for the day.	20 positive 6 negative	

Operations For Period 0000 Hrs to 2400 Hrs on 10 Jan 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G1	0000	0130	1.50	3585.0m	Rigged up and removed MWD sensor from between mud hose and stand pipe line at monkey board.
P21	P	G5	0130	0200	0.50	3585.0m	Made up side entry sub with TIW above and below on stand of 5.5" drill pipe and racked same in derrick.
P21	P	G2	0200	0430	2.50	3585.0m	Held JSA, prior to picking up 3.5" drill pipe. Changed out handling equipment from 5.5" drill pipe to 3.5" drill pipe. Made up 3.5" mule shoe on 3.5" drill pipe and RIH picking up a total of 21 joints of 3.5" drill pipe from catwalk. Drifted all the drill pipe picked up.
P21	P	G8	0430	0600	1.50	3585.0m	RIH with 3.5" mule shoe on 5.5" drill pipe.
P21	P	G8	0430	1100	6.50	3585.0m	RIH with 3.5" cement stinger on 5.5" drill pipe and took 15K weight at 3579m.
P21	P	F4	1100	1200	1.00	3585.0m	Made up TDS and attempted to establish circulation. Drill string plugged. Worked and cleared same with 3500 psi.
P21	TP (WB)	G8	1200	1300	1.00	3585.0m	Attempted to establish circulation. Hole packing off. Difficulty working string up/down and string torquing up when attempting to rotate. Max overpull 30k, max down 15k, max torque 9500 ft-lbs. Worked string back from 3579m to 3542m but still not clear. Max gas on bottoms up 6.7%.
P21	TP (WB)	G8	1300	1600	3.00	3585.0m	Broke off TDS and racked back stand. Continued to establish free circulation and pipe movement. Unable to move string up or down or to rotate on several occasions. Found that hole would pack off at higher flow rates. Heavy cuttings coming back at shakers intermittently. Established free pipe movement both with and without circulation and rotation between 3543m and 3513m. Max overpull 40k, max down 15k, max torque 9500 ft-lbs. Pump rate: 635 GPM / 2100 psi, 750 GPM / 2800 psi.
P21	TP (WB)	F3	1600	1700	1.00	3585.0m	Pumped and displaced 20 bbls Hi Vis Pill (3542m to 3477m). Commenced POOH - 40k overpull at 3483m. Attempted to POOH rotating string - no success.
P21	TP (WB)	G8	1700	1830	1.50	3585.0m	Made up TDS and established circulation and rotation. POOH pumping and rotating from 3510m. Pulled free from 3453m and continued to POOH to 3286m.
P21	TP (WB)	G8	1830	1930	1.00	3585.0m	RIH from 3286m to 3364m - backflow over drill pipe. Made up TDS and washed down to 3453m.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G1	1930	2030	1.00	3585.0m	Prepared to set cement plug #1A. Picked up cement stand and spaced out to place mule shoe at 3453m. Rigged up cement lines. Attempted to break circulation with cement unit - hole packed off.
P21	TP (WB)	F4	2030	2130	1.00	3585.0m	Broke off and racked back cement stand. Made up TDS and established circulation. Worked stand back to 3424m and circulated bottoms up. Pump rate 750 GPM, 2730 psi.
P21	P	F3	2130	2230	1.00	3585.0m	POOH from 3424m to 3327m. Picked up cement stand and spaced out to place mule shoe at 3327m. Rigged up cement lines. Cement unit pumped 5 bbls of drill water ahead. Tested surface lines to 3000 psi. Good test. Followed by another 8 bbls of drill water ahead.
P21	P	F3	2230	2330	1.00	3585.0m	Set balanced cement plug #1A from 3327m to 3127m. Cement unit mixed and pumped 64 bbls (315 sx) of 15.8 ppg cement slurry at 5 bpm with 36 bbls of mix water. (13.5 MT HTB cement). Cement unit pumped 5 bbls of drill water spacer behind and displaced with 203 bbls of 11.0 ppg mud. (Under displaced by 5 bbls).
P21	P	G8	2330	2400	0.50	3585.0m	Rigged down cement lines. Broke off and racked back cement stand. POOH (dry) slowly from 3327m to 3305m.

Operations For Period 0000 Hrs to 0600 Hrs on 11 Jan 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G8	0000	0030	0.50	3585.0m	Continued POOH (dry) slowly from 3305m to 3069m.
P21	P	F4	0030	0130	1.00	3585.0m	Engaged TDS and circulated bottoms up at 750 GPM, 2300 psi. No cement observed at surface.
P21	P	G1	0130	0200	0.50	3585.0m	Changed out handling equipment and bails.
P21	P	G2	0200	0600	4.00	3585.0m	(IN PROGRESS) POOH laying down excess 5.5" drill pipe from 3069m to 2274m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 10 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)	172	02 Jan 2009	09 Jan 2009	744.00	31.000	3585.0m
Suspend and Abandon(P21)	25.5	10 Jan 2009	10 Jan 2009	769.50	32.063	3585.0m

General Comments

00:00 TO 24:00 Hrs ON 10 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: 40000mg/l	Solids(%vol): 9%
Sample-From: 6	Filter-Cake: 1/32nd"	K+C*1000: 7%	Low-Gravity Solids: 5.0%vol
Time: 20:00	HTHP-FL: 12.0cc/30min	Hard/Ca: 440mg/l	H2O: 88%
Weight: 11.00ppg	HTHP-cake: 1/32nd"	MBT: 10	Oil(%):
Temp:		PM: 0.05	Sand: .75
		PF: 0.05	pH: 8.3
			PHPA: 2ppb
Comment			



Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	12	0	316.0	
Rig Fuel	m3	0	6	0	200.0	
POTABLE WATER	MT	8	25	0	273.0	
Cement class G	MT	0	0	0	89.0	
BLENDED CEMENT	MT	0	0	0	74.0	
Bentonite	MT	0	0	0	55.0	
Barite	MT	0	3	0	94.0	
Brine	m3	0	0	0	107.0	
Helifuel	ltr	0	395	0	1,068.0	

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	12
Seadrill Services	33
Catering	9
Baker Hughes Inteq	4
Baker Hughes Inteq	2
Halliburton	2
Halliburton - Cementing	2
Dril-Quip	1
Schlumberger (Wireline)	1
Tamboritha	2
Weatherford	4
Weatherford	1
Core IRM	2
OPC	1
Total	80

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards / Kosta Georgiou			
Available	2037.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	607.0bbl	Downhole	0.0bbl	Shaker 1	VSM 300	215	
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM 300	255	
Hole	876.0bbl	Dumped		Shaker 3	VSM 300	255	
Slug Reserve	554.0bbl	De-Gasser		Shaker 4	VSM 300	255	
Kill		De-Sander					
		De-Silting					
		Centrifuge					
		Behind casing					

Marine							
Weather on 10 Jan 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	8kn	150.0deg	1007.0mbar	14C°	0.4m	240.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		2184.00klb	1.9m	240.0deg	14s	mainly fine	
Comments							



Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler		23:00 10/01/09	On location Fermat - 1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		12.5			362.8
				Potable Water	m3		5			445
				Drill Water	m3					320
				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		14.3			318.5
				Potable Water	Mt	68	5			442
				Drill Water	m3					472
				Barite	Mt					0
				Bentonite	Mt					0
				CEMENT G	Mt					0
Brine	m3					0				
Helicopter Movement										
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment						
1	Bristow Helicopters	1416 / 1435	1 / 11	SCH Wireline						