

09 Jan 2009 From: Sean De Freitas / Peter Dane

To: Paul Barrett

DRILLING MORNING REPORT #31 Fermat-1

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\$926,285
Rig	West Triton	Days from spud	27.00	Shoe MDBRT	2800.3m	Cum Cost	AUD\$35,080,147
Wtr Dpth (MSL)	39m	Days on well	31.00	FIT/LOT:	1.92sg /		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	RIH with 3	3.5" mule shoe	on 5.5" drill pipe.
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op		3.5" mule shoe vith abandonm	on 5.5" drill pipe and ent program.

Summary of Period 0000 to 2400 Hrs

Logged Run #2 MDT, Run #3 VSI and Run #4 CST. Rigged down wireline logging equipment.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	Abandon rig drill.	All personnel mustered at life boats.
JSA	7	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	11	0 Days	PTW issued for the day.	
Safety Meeting	2	6 Days	Weekly safety meeting.	
STOP Card	18	0 Days	Stop cards submitted for the day.	14 positive 4 negative

Operations For Period 0000 Hrs to 2400 Hrs on 09 Jan 2009

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P11	Р	E3	0000	0030	0.50	3585.0m	Continued taking second sample point at 3008m.
P11	Р	E3	0030	0100	0.50	3585.0m	RIH to 3450m to take pressure points.
P11	Р	E3	0100	0200	1.00	3585.0m	Took pressure points at 3 stations in total.
P11	Р	E3	0200	0400	2.00	3585.0m	POOH with MDT logging tools to surface.
P11	Р	E3	0400	0500	1.00	3585.0m	Laid down MDT logging tools.
P11	Р	E3	0500	0630	1.50	3585.0m	Made up seismic check shot tool string assembly and RIH to 3525m.
P11	Р	E3	0630	1400	7.50	3585.0m	Schlumberger performed seismic check shot logging operations as per program.
P11	Р	E3	1400	1430	0.50	3585.0m	POOH with seismic check shot tool assembly to surface.
P11	Р	E3	1430	1600	1.50	3585.0m	Laid down seismic check shot logging tools.
P11	Р	E3	1600	1630	0.50	3585.0m	Initiated Radio Silence and made up CST tool string.
P11	Р	E3	1630	2130	5.00	3585.0m	Schlumberger RIH with CST tool string and took 30 samples.
P11	Р	E3	2130	2300	1.50	3585.0m	POOH with CST tool string.
P11	Р	G1	2300	2400	1.00	3585.0m	Laid down tools and rigged down Schlumberger wireline logging equipment. Cleared drill floor. Recovered 27 samples at surface - 90% recovery. One bullet lost.

Operations For Period 0000 Hrs to 0600 Hrs on 10 Jan 2009

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P21	Р	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	Р	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	Р	G8	0430	0600	1.50	3585.0m	RIH with 3.5" mule shoe on 5.5" drill pipe.
P21	Р	G8	0430	0600	1.50	3585.0m	(IN PROGRESS) RIH with 3.5" cement stinger on 5.5" drill pipe and took 15K weight at 3579m.

Printed on 12 Jan 2009



Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 09 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

General Comments

00:00 TO 24:00 Hrs ON 09 Jan 2009

West Triton Rig Equipment Concerns

Operational Comments

- 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 Toda	ıy				
Mud Type:	KCI / Polymer	API FL:	6.0cc/30min	CI:	40000mg/l	Solids(%vol):	11%	Viscosity	64sec/qt
0		F:14 O - 1	4 /00!!!	I/ - O*4000-	70/	Law One die		PV	22cp
Sample-From:	6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	5.0%vol	YP	30lb/100ft ²
Time:	15:00	HTHP-FL:	11.0cc/30min	Hard/Ca:	440mg/l	Solius.		Gels 10s	12
Weight:	10.00000	HTHP-cake:	2/32nd"	MBT:	11.25	H2O:	86%	Gels 10m	26
weight.	10.90ppg	nine-cake.	2/32110	IVID I .	11.25	Oil(%):		Fann 003	12
Temp:	49C°			PM:	0.05	O11(70).		Fann 006	13
				PF:	0.05	Sand:	.75	Fann 100	32
				FI.	0.03	pH:	8.5	Fann 200	43
						•		Fann 300	50
						PHPA:	2ppb	Fann 600	72
Comment									

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	60	0	328.0
Rig Fuel	m3	0	6	0	206.0
POTABLE WATER	MT	0	39	0	290.0
Cement class G	MT	0	0	0	89.0
BLENDED CEMENT	MT	0	0	0	74.0
Bentonite	MT	35	0	0	55.0
Barite	MT	0	16	0	97.0
Brine	m3	0	0	0	107.0
Helifuel	ltr	0	381	0	1.463.0

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						
Beach Petroleum Ltd	2						
Seadrill	12						
Seadrill Services	33						
Catering	9						



Personnel On Board	
Baker Hughes Inteq	4
Baker Hughes Inteq	2
Halliburton	2
Halliburton - Cementing	2
Dril-Quip	1
Schlumberger MWD/LWD	1
Schlumberger (Wireline)	9
Tamboritha	2
Weatherford	4
Weatherford	1
Core IRM	2
Total	90

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Eugene Edwards / Kosta Georgiou				
Available	1534.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments	
Active	463.0bbl	Downhole	0.0bbl	Shaker 1	VSM 300	215		
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM 300	255		
J		' '	0.0001	Shaker 3	VSM 300	255		
Hole	876.0bbl	Dumped		Shaker 4	VSM 300	255		
Slug Reserve	195.0bbl	De-Gasser De-Sander						
Kill		De-Silter Centrifuge Behind casing						

Weather on 09 Jan 2009

Marine

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	13kn	120.0deg	1010.0mbar	14C°	0.6m	240.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather (Comments
128.5deg	128.5deg 2275.00klb 2.5m 240.0deg 14s						y fine

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status				Bulks	i		
Pacific Battler		16.45 07/01/09	On location Fermat - 1	Item	Unit	ln	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3		1.1			362.8
				Potable Water	m3		5		13	450
				Drill Water	m3	54				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		5.7			332.8
				Potable Water	Mt		5			379
				Drill Water	m3					472
				Barite	Mt					0
				Bentonite	Mt			38.5		0
				CEMENT G	Mt					0
				Brine	m3					0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	1437 / 1458	5/9	Weatherford SCH MWD BHI Baker