

08 Jan 2009

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

DRILLING MORNING REPORT # 30 Fermat-1

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\$1,886,446	
Rig	West Triton	Days from spud	26.00	Shoe MDBRT	2800.3m	Cum Cost	AUD\$34,153,362	
Wtr Dpth (MSL)	39m	Days on well	30.00	FIT/LOT:	1.92sg /			
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	RIH seism	ic check shot le	ogging assembly.	
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	Complete seismic check shot logging run. Run CST log as per program. Commence plug and abandonment program.			

Summary of Period 0000 to 2400 Hrs

Made up PEX-DT logging tools and RIH with same. Completed logging run #1 PEX-DT. POOH with PEX-DT logging tools and laid down same. Made up MDT logging tools and RIH. Logging with MDT as per program.

HSE Summary

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Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	Abandon rig drill.	All personnel mustered at life boats.
JSA	9	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	5 Days	Weekly safety meeting.	
STOP Card	18	0 Days	Stop cards submitted for the	11 positive 7 negative
			day.	7 negative

Operations For Period 0000 Hrs to 2400 Hrs on 08 Jan 2009

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P11	Р	G1	0000	0030	0.50	3585.0m	Made up Schlumberger wireline tools for wireline log run #1 PEX-DT.
P11	Р	G1	0030	0100	0.50	3585.0m	Performed calibration test of tools.
P11	Ρ	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	Р	E3	0400	0700	3.00	3585.0m	Logged up from 3585m to 2800m.
P11	Р	E3	0700	0900	2.00	3585.0m	POOH with PEX-DT Tools.
P11	Р	E3	0900	1030	1.50	3585.0m	Tools at surface, laid down same.
P11	Р	E3	1030	1200	1.50	3585.0m	Made up MDT logging tools.
P11	Р	E3	1200	1430	2.50	3585.0m	RIH with wireline log run #2 MDT to 2800m.
P11	Р	E3	1430	1600	1.50	3585.0m	Correlated tool and logged from 2800m to 3200m.
P11	Р	E3	1600	2030	4.50	3585.0m	Took pressure points at 18 stations in total.
P11	Р	E3	2030	2300	2.50	3585.0m	Took first sample point at 2879.5m.
P11	Р	E3	2300	2400	1.00	3585.0m	Took second sample point at 3008m.

Operations For Period 0000 Hrs to 0600 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	0600	1.00	3585.0m	Made up seismic check shot tool string assembly and RIH.

Operations For Period Hrs to Hrs on



Phase Data to 2400hrs, 08 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)	148	02 Jan 2009	08 Jan 2009	720.00	30.000	3585.0n

General Comments

 00:00 TO 24:00 Hrs ON 08 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: 5.2cc/30min CI: 42000mg/l Solids(%vol): 8% Viscositv 50sec/qt ΡV 20cp Sample-From: Filter-Cake: 1/32nd" K+C*1000: Low-Gravity 2.6%vol 6 7% ΥP 40lb/100ft2 Solids: HTHP-FL: 480mg/l Gels 10s 12 Time: 15:00 11.0cc/30min Hard/Ca: H2O: 89% Gels 10m 26 Weight: HTHP-cake: 2/32nd" MBT: 11.25 11.00ppg Fann 003 11 Oil(%): Temp: 49C° PM: 0.1 Fann 006 14 Sand: .5 Fann 100 36 PF: 0.05 Fann 200 49 pH: 8.2 Fann 300 58 PHPA: 2ppb Fann 600 80

Comment

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	388.0
Rig Fuel	m3	0	9	0	212.0
POTABLE WATER	МТ	0	0	0	329.0
Cement class G	МТ	0	0	0	89.0
BLENDED CEMENT	МТ	74	0	0	74.0
Bentonite	МТ	0	0	0	20.0
Barite	МТ	0	0	0	113.0
Brine	m3	0	0	0	107.0
Helifuel	ltr	0	984	0	1.844.0

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	3				
Beach Petroleum Ltd	1				
Seadrill	12				
Seadrill Services	33				
Catering	9				



Personnel On Board	
Baker Hughes Inteq	4
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Oil Tools	2
Halliburton	2
Halliburton - Cementing	2
Dril-Quip	1
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	9
Tamboritha	2
OPC	1
Core IRM	2
Total	94

Mud Volu Shaker D	umes, Mu Data	d Losses	and Sha	ale	Engine	eer : Eugen	e Edwards ,	Kosta Georgio	ou					
Available	1534.	Obbl Loss	es	0.0bbl		uipment	Description N		Mesh S	Size	C	omments		
Active	463.	Obbl Down	hole	0.0bbl	Shake		VSM 300				15			
Mixing	Mixing Surf+ Equip		0.0bbl	Shake		VSM 300				55 55				
Hole				Shake Shake	-	VSM 300 VSM 300				55				
Slug Reserve				Charlo					2.					
Kill	De-Silter Centrifuge Behind casing													
Marine														
Weather on	08 Jan 200	9												
Visibility	Wind Speed	d Wind Dir	Pressu	ire Air Te	emp. V	Wave Height	Wave Dir.	Wave Period]					
1.0nm	8kn	170.0de	1016.0m	nbar 130	C°	0.5m	240.0deg	13s						
Rig Dir.	Ris. Tensio	n VDL	Swell He	eight Swell	Dir. S	Swell Period	Weathe	r Comments						
128.5deg		2298.00k	b 1.0m	n 240.0	40.0deg 13s		ma	inly fine						
		Co	mments				-							
Vessel	Name /	Arrived (Dat	e/Time)	Departe (Date/Tin						5				
Pacific Battle	er			16.45 0)7/01/09	Alongside A wharf Portla		Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
								Rig Fuel Potable Water	m3 m3		1.1			362.8 442
								Drill Water	m3	54				320
								Barite CEMENT G	Mt Mt					0
								Bentonite	Mt					0
								Brine	m3					0
Pacific Valky	yrie	14.53	06/01/09			On location	Fermat - 1	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
								Rig Fuel	m3		2.3			338.5
								Potable Water Drill Water	Mt m3		5			384 472
								Barite	Mt					0
								Bentonite CEMENT G	Mt Mt					38.5 0
								Brine	m3					0
Helicopt	er Moverr	nent												
Flight #		Company		Arr/De	p. Time		Pax	n/Out		Comment				
1	Bristow	Helicopters			/ 1027		14	/ 9				Sead	rill Crew	Change
	1													-