



Basker-3

Date : 09 Apr 2006

Geology Report Number : 8

(associated DDR # 13)

Well Details

Depth MDRT:	2689.0m	Rig:	OCEAN PATRIOT	Date:	09 Apr 2006
Depth TVDBRT:	2153.8m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	2132.3m	LAT amsl:	152.9m	Report End:	24:00
Progress:	10.0m	Last Csg Size:	13.375in	Days On Location:	11.27
Hole Size:	12.250in	Last Csg Shoe:	999.1m	Days since Spud:	39.81
Hole Size Carbide:		F.I.T. / L.O.T.:	12.50ppg /		

Operations Summary

24hr Summary:	<p>Ran in hole with new bit and motor. Varied WOB, RPM and flow-rate while drilling ahead at the top of the Latrobe Formation from 2679.0 mMDRT to 2689.0 mMDRT in interbedded Sandstone, Siltstone and Claystone. Pulled out of hole to pick up TCI bit. RIH again at midnight.</p> <p>2679.0 - 2689.0 mMDRT Interbedded Sandstone, Siltstone and Claystone ROP = 0.7 - 5.5 m/hr Average = 2.0 m/hr Background Gas = 0.06%</p> <p>Sample from balled bit: Claystone, dark greenish grey, greenish black, trace glauconite, trace silt and trace fine sand grains.</p>
Forward Plan:	Drill ahead in Latrobe Group to TD.

WBM Data

Mud Type: KCL/PHPA/Glycol	Flowline Temp:	Cl:	35000mg/l	Low Gravity Solids:	Viscosity	60sec/qt
Sample From: Active pit	MWD Circ Temp:	Hard/Ca:	480mg/l	High Gravity Solids:	PV	15cp
Time: 21:00	Glycol CP Temp:	MBT:	8	Solids (corrected):	YP	30lb/100ft ²
Weight: 9.60ppg	Glycol: 3.4%vol	PM:	0.25	H2O:	Gels 10s	8
ECD TD:	Nitrates:	PF:	0.01	Oil:	Gels 10m	13
ECD Shoe:	Sulphites:	MF:	0.4	Sand:	Fann 003	13
ECD Cuttings:	API FL: 5.2cc/30min	pH:	8	Barite:	Fann 006	8
KCl Equiv: 6%	API Cake: 1/32nd"	PHPA Excess:			Fann 100	28
					Fann 200	38
					Fann 300	45
					Fann 600	60

Formation Tops

Formation	Prognosed		Actual		Diff.	Thickness MD	Pick Criteria
	MDRT	TVDSS	MDRT	TVDSS	+ / - TVD		
Seafloor	177.00m	155.50m	174.40m	152.90m	-2.60m	2037.60m	Driller's Depth
Lakes Entrance	2247.00m	1817.00m	2212.00m	1790.20m	-26.80m	458.00m	LWD
Latrobe Group	2700.00m	2136.00m	2670.00m	2118.20m	-17.80m	0.00m	LWD and cuttings
Reservoir Zone 0	3709.00m	2976.00m					
Reservoir Zone 1.2	3802.00m	3057.00m					
Reservoir Zone 2	3809.00m	3064.00m					
Reservoir Zone 4	3859.00m	3107.00m					
Reservoir Zone 6.2	3974.00m	3207.00m					
Reservoir Zone 7	4030.00m	3257.00m					
Top Volcanics	4042.00m	3267.00m					
TD	4109.00m	3319.00m					

Gas

Depth Range	Gas Type	Total Gas (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	iC4 (ppm)	nC4 (ppm)	C5 (ppm)	C1/C2 (ppm)	C1/C3 (ppm)	F1* (ppm)	F2* (ppm)	F3* (ppm)
2679.00 - 2689.00	Background	0.06	467	17	7	6	5	17	27.47	66.71	27.47	11	15.53

Comment:

F1*: C1 / C5

F2*: iC4 + nC4

F3*: (C2 + C3) / (C5 / (iC4 + nC4))

**06:00 Hrs Update**

Time:	06:00 Hrs on 10 Apr 2006
Depth:	2690/2154.5
Progress Since Midnight:	1
Drilling Status:	Drilling ahead 311mm (12 1/4") hole at 2690m MDRT
Formation:	Latrobe Group
Lithology:	No new cuttings returned by 6am.
ROP:	Drilling ahead at 5 m/hr at 2690.0 mMDRT at 6am.
Gas:	No new gas returned to surface by 6am.

Wellsite Geologist(s)

(Days) - R. Blackmore (Nights) - M. Woodmansee

Lithology Report

Depth Interval		Main Lithology	Lithology %	Qualifier	Description
Depth (mRT)	Depth Range				
2670.0	2680.0	Sltst	10	arg	Siltstone, lt-med orng brn, Soft, to Very soft, amorphous, to dispersive, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2670.0	2680.0	Sst	10		Sandstone, cl-trans, occ yel, occ grn, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous sand, 30% very fine grained, 30% fine grained, 30% medium grained, 5% coarse grained, 5% very coarse grained, 0.1% Pyrite, 0.1% Coal, 1% Glauconite, 15% porosity, Hydrocarbon shows.no Hydrocarbon shows.
2670.0	2680.0	Clyst	80		Claystone, lt gy-med gy, occ dk gy, Soft, to Firm, sub-blocky, to blocky, 5% calcerous clay, 95% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2680.0	2685.0	Sltst	5	arg	Siltstone, lt-med orng brn, brnish gy/grn, yell/grn, Soft, to Firm, blocky, to sub-blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1% Coal, 10% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2680.0	2685.0	Sst	5		Sandstone, cl-trans, occ yel, occ grn, Loose, Angular, to Sub-rounded, Well sorted, Very Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 40% coarse grained, 40% very coarse grained, 0.1% Pyrite, 0.1% Coal, 1% Glauconite, 15% porosity, Hydrocarbon shows.no Hydrocarbon shows.
2680.0	2685.0	Clyst	90		Claystone, lt gy-med gy, occ dk gy, Soft, to Firm, sub-blocky, to blocky, 5% calcerous clay, 95% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2685.0	2689.0	Sltst	5	arg	Siltstone, lt-med orng brn, brnish gy/grn, yell/grn, Soft, to Firm, blocky, to sub-blocky, 20% siliceous clay, 80% siliceous silt, 0.1% Pyrite, 0.1% Coal, 10% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2685.0	2689.0	Sst	5		Sandstone, cl-trans, occ yel, occ grn, Loose, Angular, to Sub-rounded, Well sorted, Very Elongated, to Slightly Spherical, 100% siliceous sand, 10% fine grained, 10% medium grained, 40% coarse grained, 40% very coarse grained, 0.1% Pyrite, 0.1% Coal, 1% Glauconite, 15% porosity, Hydrocarbon shows.no Hydrocarbon shows.
2685.0	2689.0	Clyst	90		Claystone, lt gy-med gy, occ dk gy, Soft, to Firm, sub-blocky, to blocky, 5% calcerous clay, 95% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.