



Basker-3

Date : 05 Apr 2006

Geology Report Number : 4

(associated DDR # 9)

Well Details

Depth MDRT:	1935.0m	Rig:	OCEAN PATRIOT	Date:	05 Apr 2006
Depth TVDBRT:	1318.0m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	1296.5m	GLE amsl:	152.9m	Report End:	24:00
Progress:	402.0m	Last Csg Size:	13.375in	Days On Location:	7.27
Hole Size:	12.250in	Last Csg Shoe:	999.1m	Days since Spud:	35.81
Hole Size Carbide:		F.I.T. / L.O.T.:	12.50ppg /		

Operations Summary

24hr Summary:	Ran in hole to bottom with new Geo-Pilot and drilled ahead from 1532.0 mMDRT to 1935.0 mMDRT in Gippsland Limestone Formation. Pulled out of hole to the casing shoe for top-drive maintenance. Running in hole again at midnight. 1532.0 - 1935.0 mMDRT Massive Marl ROP = 15.0 - 95.0 m/hr (40.0 m/hr), Background gas = 0.35%
Forward Plan:	RIH and drill ahead to TD.

WBM Data

Mud Type: KCL/PHPA/Glycol	Flowline Temp:	Cl:	39000mg/l	Low Gravity Solids:	Viscosity	58sec/qt
Sample From: Active pit	MWD Circ Temp:	Hard/Ca:	280mg/l	High Gravity Solids:	PV	15cp
Time: 22:00	Glycol CP Temp:	MBT:	7	Solids (corrected):	YP	25lb/100ft ²
Weight: 9.60ppg	Glycol: 2.4%vol	PM:	0.1	H2O: 91%	Gels 10s	6
ECD TD:	Nitrates:	PF:	0.01	Oil: 0%	Gels 10m	11
ECD Shoe:	Sulphites:	MF:	0.7	Sand: .5	Fann 003	6
ECD Cuttings:	API FL: 4.5cc/30min	pH:	8.5	Barite:	Fann 006	9
KCl Equiv: 8%	API Cake: 1/32nd"	PHPA Excess:			Fann 100	25
					Fann 200	34
					Fann 300	40
					Fann 600	55

Formation Tops

Formation	Prognosed		Actual		Diff. + / - TVD	Thickness MD	Pick Criteria
	MDRT	TVDSS	MDRT	TVDSS			
Seafloor	177.00m	155.50m	174.40m	152.90m	-2.60m	0.00m	Driller's Depth
Lakes Entrance	2198.20m	1817.00m					
Latrobe Group	2608.80m	2136.00m					
Reservoir Zone 0	3689.90m	2976.00m					
Reservoir Zone 1.2	3794.20m	3057.00m					
Reservoir Zone 2	3801.90m	3064.00m					
Reservoir Zone 4	3935.80m	3167.00m					
Reservoir Zone 6.2	3987.30m	3207.00m					
Reservoir Zone 7	4051.60m	3257.00m					
Top Volcanics	4064.50m	3267.00m					
Reservoir Zone 8	4107.00m	3300.00m					
TD	4131.40m	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)
1530.00 - 1935.00	Background	0.35	3200	40	11	8	7	6	80	290.91	533.33	15	127.5

Comment:

F1*: C1 / C5

F2*: iC4 + nC4

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



Survey								
MDRT (m)	Incl. (deg)	Corr. Az (deg)	TVDBRT (m)	'V' Sect (deg)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1635.90	43.8	134.5	1398.75	709.1	0.9	-468.2	532.6	MWD
1664.45	44.2	133.4	1419.29	728.9	0.9	-482.0	546.9	MWD
1693.06	44.8	134.1	1439.71	749.0	0.8	-495.8	561.3	MWD
1721.71	44.3	132.8	1460.13	769.0	1.0	-509.6	575.9	MWD
1750.39	44.2	131.7	1480.67	789.1	0.8	-523.1	590.7	MWD
1779.15	44.3	130.4	1501.28	809.1	0.9	-536.3	605.9	MWD
1807.92	44.0	128.9	1521.94	829.1	1.1	-549.1	621.3	MWD
1836.72	44.3	128.4	1542.60	849.2	0.5	-561.6	636.9	MWD
1865.45	44.4	128.0	1563.15	869.2	0.3	-574.0	652.7	MWD
1891.21	44.7	127.5	1581.50	887.3	0.6	-585.1	667.0	MWD

06:00 Hrs Update	
Time:	06:00 Hrs on 06 Apr 2006
Depth:	2077/1714
Progress Since Midnight:	145
Drilling Status:	Drilling ahead at 2077m MDRT
Formation:	Gippsland Limestone Formation.
Lithology:	Massive Marl
ROP:	ROP = 20.0 - 125.0 m/hr (53.0 m/hr)
Gas:	Background gas = 0.47 %

Wellsite Geologist(s)	
(Days) - R. Blackmore	(Nights) -

Lithology Report					
Depth Interval		Main Lithology	Lithology %	Qualifier	Description
Depth (mRT)	Depth Range				
1520.0	1540.0	MRL	100		MARL, lt olv-gy, grn-gy, Soft, to Firm, amorphous, to sub-blocky, 30% calcerous clay, 10% calcerous silt, 5% calcerous sand, 55% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Coal, Hydrocarbon shows.no Hydrocarbon shows.
1900.0	1920.0	MRL	100		MARL, lt olv-gy, grn-gy, Soft, to Firm, amorphous, to sub-blocky, 40% calcerous clay, 5% calcerous silt, 55% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Coal, Hydrocarbon shows.no Hydrocarbon shows.