



Basker-3

Date : 04 Apr 2006

Geology Report Number : 3

(associated DDR # 8)

Well Details

Depth MDRT:	1532.0m	Rig:	OCEAN PATRIOT	Date:	04 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:	420.0m	Last Csg Size:	13.375in	Days On Location:	6.27
Hole Size:	12.250in	Last Csg Shoe:	999.1m	Days since Spud:	34.81
Hole Size Carbide:		F.I.T. / L.O.T.:	12.50ppg /		

Operations Summary

24hr Summary:	Drilled 3 m of new formation. Performed FIT to 12.5 ppg. Drilled ahead in Gippsland Limestone Formation (Massive Marl) to 1532.0 mMDRT. POOH for Geo-Pilot change. ROP = 20.0-95.0 m/hr (45.0 m/hr) Background Gas = 0.35%
Forward Plan:	POOH. Change out Geo-Pilot. RIH and drill ahead.

WBM Data

Mud Type: KCL/PHPA/Glycol	Flowline Temp:	Cl:	36000mg/l	Low Gravity Solids:	Viscosity	75sec/qt
Sample From: Active pit	MWD Circ Temp:	Hard/Ca:	320mg/l	High Gravity Solids:	PV	16cp
Time: 08:00	Glycol CP Temp:	MBT:	5	Solids (corrected):	YP	30lb/100ft ²
Weight: 9.50ppg	Glycol: 3.5%vol	PM:	0.1	H2O:	Gels 10s	9
ECD TD:	Nitrates:	PF:	0.01	Oil:	Gels 10m	15
ECD Shoe:	Sulphites:	MF:	0.7	Sand:	Fann 003	7
ECD Cuttings:	API FL: 4.6cc/30min	pH:	9	Barite:	Fann 006	10
KCl Equiv: 6%	API Cake: 1/32nd"	PHPA Excess:			Fann 100	29
					Fann 200	38
					Fann 300	46
					Fann 600	62

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)
1120.00 - 1530.00	Background	0.35	3400	150	60	20	18	27	22.67	56.67	125.93	38	295.56

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
1262.85	40.8	128.8	1128.54	452.1	2.4	-298.7	339.4	MWD
1291.32	42.6	129.6	1149.79	471.0	2.0	-310.6	354.1	MWD
1320.04	42.8	129.8	1170.89	490.5	0.2	-323.1	369.1	MWD
1348.89	42.8	129.3	1192.07	510.1	0.3	-335.6	384.2	MWD
1377.68	43.6	129.6	1213.07	529.8	0.8	-348.1	399.4	MWD
1406.32	45.1	130.1	1233.56	549.8	1.6	-360.9	414.8	MWD
1434.98	45.2	130.1	1253.78	570.1	0.1	-374.0	430.3	MWD
1463.60	44.2	131.6	1274.13	590.2	1.5	-387.1	445.5	MWD
1492.39	43.4	131.5	1294.92	610.1	0.9	-400.3	460.4	MWD
1520.75	43.6	132.1	1315.50	629.6	0.6	-413.3	475.0	MWD

06:00 Hrs Update	
Time:	06:00 Hrs on 05 Apr 2006
Depth:	1532/1323
Progress Since Midnight:	0
Drilling Status:	RIH with 12 1/4" BHA
Formation:	Gippsland Limestone
Lithology:	Marl
ROP:	No drilling from midnight to 6am.
Gas:	No drilling from midnight to 6am.

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

Lithology Report					
Depth Interval		Main Lithology	Lithology %	Qualifier	Description
Depth (mRT)	Depth Range				
1110.0	1120.0	MRL	100		MARL, lt olv-gy, grn-gy, Very soft, to Soft, amorphous, to dispersive, 50% calcerous clay, 5% calcerous silt, 45% siliceous clay, 0.1% Foram, Hydrocarbon shows.no Hydrocarbon shows.
1220.0	1240.0	MRL	100		MARL, lt olv-gy, grn-gy, Very soft, to Soft, amorphous, to dispersive, Rounded, to Sub-rounded, Poor sorted, to Moderately sorted, Slightly Spherical, to Spherical, 30% calcerous clay, 20% calcerous silt, 5% calcerous sand, 45% siliceous clay, 45% very fine grained, 40% fine grained, 5% medium grained, 0.1% Foram, 0.1% Pyrite, 0.1% Lithic Fragments, 0.1% Coal, 5% porosity, Hydrocarbon shows.no Hydrocarbon shows.
1440.0	1460.0	MRL	100		MARL, lt olv-gy, grn-gy, Very soft, to Soft, amorphous, to dispersive, 40% calcerous clay, 3% calcerous silt, 57% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Lithic Fragments, Hydrocarbon shows.no Hydrocarbon shows.
1500.0	1520.0	MRL	100		MARL, lt olv-gy, grn-gy, Very soft, to Soft, amorphous, to dispersive, 40% calcerous clay, 4% calcerous silt, 56% siliceous clay, 0.1% Foram, 0.1% Pyrite, 0.1% Lithic Fragments, Hydrocarbon shows.no Hydrocarbon shows.