



**Basker-3**

Date : 08 Apr 2006

Geology Report Number : 7

( associated DDR # 12 )

**Well Details**

Depth MDRT:	2679.0m	Rig:	OCEAN PATRIOT	Date:	08 Apr 2006
Depth TVDBRT:	2146.8m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	2125.3m	LAT amsl:	152.9m	Report End:	24:00
Progress:	84.0m	Last Csg Size:	13.375in	Days On Location:	10.27
Hole Size:	12.250in	Last Csg Shoe:	999.1m	Days since Spud:	38.81
Hole Size Carbide:		F.I.T. / L.O.T.:	12.50ppg /		

**Operations Summary**

24hr Summary:	<p>Drilled ahead from 2595.0 mMDRT to 2679.0 mMDRT. Pulled out of hole due to low ROP. Made up new bit and motor and ran into hole. Performed slip and cut at the casing shoe.</p> <p>2595.0 - 2670.0 mMDRT Massive Claystone ROP = 17.0 - 124.0 m/hr, Average = 47.2 m/hr Background Gas = 0.06 %</p> <p>2670.0 - 2679.0 mMDRT Interbedded Sandstone, Siltstone and Claystone ROP = 1.0 - 57.0 m/hr, Average = 2.3 m/hr Background Gas = 0.04 %</p>
Forward Plan:	Run in hole. Drill ahead to TD.

**WBM Data**

Mud Type: KCL/PHPA/Glycol	Flowline Temp:	Cl:	37000mg/l	Low Gravity Solids:	Viscosity	65sec/qt
Sample From: Active pit	MWD Circ Temp:	Hard/Ca:	420mg/l	High Gravity Solids:	PV	16cp
Time: 21:00	Glycol CP Temp:	MBT:	7.5	Solids (corrected):	YP	26lb/100ft <sup>2</sup>
Weight: 9.60ppg	Glycol: 3.5%vol	PM:	0.3	H2O: 91%	Gels 10s	7
ECD TD:	Nitrates:	PF:	0.01	Oil: 0%	Gels 10m	12
ECD Shoe:	Sulphites:	MF:	0.6	Sand: 0	Fann 003	6
ECD Cuttings:	API FL: 5.0cc/30min	pH:	8.5	Barite:	Fann 006	9
KCl Equiv: 7%	API Cake: 1/32nd"	PHPA Excess:			Fann 100	26
					Fann 200	35
					Fann 300	42
					Fann 600	58

**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	2037.60m	Driller's Depth
Lakes Entrance	2247.00m	1817.00m	2212.00m	1790.20m	-26.80m	0.00m	LWD
Latrobe Group	2700.00m	2136.00m					
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)
2595.00 - 2670.00	Background	0.05	562	10	3	2	0	1	56.2	187.33	562	2	26
2670.00 - 2679.00	Background	0.04	314	9	4	5	6	9	34.89	78.5	34.89	11	15.89

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
2611.41	44.2	132.2	2096.68	1390.2	1.4	-911.4	1049.8	MWD
2639.99	42.7	131.2	2117.44	1409.8	1.7	-924.5	1064.4	MWD

**06:00 Hrs Update**

Time:	06:00 Hrs on 09 Apr 2006
Depth:	2679/2146.8
Progress Since Midnight:	0
Drilling Status:	Washing and reaming to bottom
Formation:	Latrobe Group
Lithology:	Interbedded Sandstone, Siltstone, Claystone
ROP:	No drilling.
Gas:	No drilling.

**Wellsite Geologist(s)**

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

**Lithology Report**

Depth Interval		Main Lithology	Lithology %	Qualifier	Description
Depth (mRT)	Depth Range				
2600.0	2620.0	Clyst	100		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.
2640.0	2660.0	Clyst	100		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.
2660.0	2670.0	Siltst	5	arg	Siltstone, lt-med orng brn, Soft, to Very soft, amorphous, to dispersive, 20% calcerous sand, 80% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2660.0	2670.0	Sst	5		Sandstone, cl-trans, occ yel, occ grn, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous silt, 30% very fine grained, 30% fine grained, 30% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 1% Glauconite, 10% porosity, Hydrocarbon shows.no Hydrocarbon shows.
2670.0	2679.0	Siltst	10	arg	Siltstone, lt-med orng brn, Soft, to Very soft, amorphous, to dispersive, 20% calcerous sand, 80% siliceous clay, 0.1% Pyrite, 0.1% Coal, 0.1% Glauconite, Hydrocarbon shows.no Hydrocarbon shows.
2670.0	2679.0	Sst	10		Sandstone, cl-trans, occ yel, occ grn, Loose, Sub-angular, to Sub-rounded, Poor sorted, Slightly Elongated, to Slightly Spherical, 100% siliceous silt, 30% very fine grained, 30% fine grained, 30% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 1% Glauconite, 15% porosity, Hydrocarbon shows.no Hydrocarbon shows.
2670.0	2679.0	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.