

**BASKER - 2**

Date : 02 Sep 2005

Geology Report Number : 16

(associated DDR # 28)

Well Details

Depth MDRT:	2,741.0m	Rig:	OCEAN PATRIOT	Date:	02 Sep 2005
Depth TVDBRT:	2,739.5m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	2,718.0m	GLE amsl:	155.5m	Report End:	24:00
Progress:	77.0m	Last Csg Size:	13.375in	Days On Location:	27.81
Hole Size:	12.250in	Last Csg Shoe:	1,000.1m	Days since Spud:	19.50
Hole Size Carbide:		F.I.T. / L.O.T.:	0.00ppg / 12.49ppg		

Operations Summary

24hr Summary:	Drilled ahead directionally from 2664 mMDRT to 2741 mMDRT through interbedded sandstones and siltstones below the K2 Sand. POOH to change out bit, reconfigure BHA and re-align the angle on the motor for improved directional control.
Forward Plan:	POOH for bit trip. Change bit, BHA and angle of motor. RIH and drill ahead to casing point. Run seismic logs.

WBM Data

Mud Type:	PHPA	Flowline Temp:		Cl:	41000mg/l	Low Gravity Solids:		Viscosity	79sec/qt
Sample From:	Active	MWD Circ Temp:		Hard/Ca:	480mg/l	High Gravity Solids:		PV	20cp
Time:	15.00	Glycol CP Temp:		MBT:	5	Solids (corrected):		YP	43lb/100ft ²
Weight:	10.00ppg	Glycol:	3.0%vol	PM:	0.6	H2O:	90%	Gels 10s	13
ECD TD:		Nitrates:		PF:	0.1	Oil:		Gels 10m	18
ECD Shoe:		Sulphites:		MF:	0.4	Sand:		Fann 003	11
ECD Cuttings:		API FL:	4.2cc/30min	pH:	8.7	Barite:		Fann 006	15
KCl Equiv:	3%	API Cake:	1/32nd"	PHPA Excess:				Fann 100	40
								Fann 200	53
								Fann 300	63
								Fann 600	83

Formation Tops

Formation	Prognosed		Actual		Diff. + / - TVD	Thickness MD	Pick Criteria
	MDRT	TVDSS	MDRT	TVDSS			
Gippsland Limestone	176.00m	154.00m	177.00m	155.50m	1.50m	1,578.00m	Mud line
Base Pleistocene	599.00m	577.00m					
Lakes Entrance	1,758.00m	1,736.00m	1,755.00m	1,733.50m	-2.50m	333.50m	cuttings
Latrobe Formation	2,092.00m	2,070.00m	2,088.50m	2,066.90m	-3.10m	73.00m	cuttings and LWD
Base Tuna Flounder Channel	2,167.00m	2,145.00m	2,161.50m	2,139.80m	-5.20m	451.50m	cuttings and ROP
K2 Sand Marker	2,601.00m	2,579.00m	2,613.00m	2,591.10m	12.10m	0.00m	LWD
Ma2 Marker	2,875.00m	2,844.00m					
Top Reservoir ZC1 marker	3,035.00m	2,989.00m					
Top Zone 2	3,095.00m	3,043.00m					
Top Zone 5	3,208.00m	3,146.00m					
Top Volcanics Unit 1	3,313.00m	3,241.00m					
TD	3,380.00m						

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)	C1/C5 (ppm)	* (ppm)	F2* (ppm)	F3* (ppm)
2605.00 - 2665.00	Background	0.01	10	3	2	4	3	2	3.33	5	5	1.43	1.33	17.5
Comment:														
2665.00 - 2700.00	Background	0.01	5	2	3	3	3	2	2.5	1.67	2.5	0.83	1	15
Comment:														
2700.00 - 2741.00	Background	0.01	30	10	3	2	3	2	3	10	15	6	0.67	32.5
Comment:														

F1*: C1 / (nC4 + iC4)

F2*: iC4 + nC4

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



Pore Pressure / Wellbore Stability	
Estimated Pore Pressure:	8.60
Hole Condition, Cavings:	Normal.
Gas Indicators - BG, TG, CG:	See gas summary.
Losses:	Nothing abnormal.
Remarks:	Nothing abnormal.

Survey								
MDRT (m)	Incl. (deg)	Corr. Az (deg)	TVDBRT (m)	'V' Sect (deg)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
2643.41	6.5	190.1	2642.88	-21.3	2.7	23.4	-10.2	MWD
2671.36	7.3	185.3	2670.63	-18.0	1.1	20.1	-10.7	MWD
2700.45	9.3	184.7	2699.42	-13.8	2.1	15.9	-11.0	MWD

06:00 Hrs Update	
Time:	06:00 Hrs on 03 Sep 2005
Depth:	2741/2739.5
Progress Since Midnight:	0
Drilling Status:	Bit at surface. Changing bit and BHA, re-aligning angle on motor for improved directional control.
Formation:	No drilling since midnight.
Lithology:	No drilling since midnight.
ROP:	No drilling since midnight.
Gas:	No drilling since midnight.

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

Wireline			
Logging Suite Details			
Suite No.	1	Anzon Witness:	M.Woodmansee/R.Blackmore
Wireline Depth MDRT:	1006.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDRT:	1000.1	Wireline Engineer 1:	G.Ruthven
Maximum Deviation:		Wireline Engineer 2:	S.Nakanishi

Detailed Operational Summary						
Date	Class	Start Time	End Time	Duration mins	End Depth MDRT	Activity

Logging Suite Details			
Suite No.	2	Anzon Witness:	R.Blackmore/M.Woodmansee
Wireline Depth MDRT:	2497.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDRT:	1001.0	Wireline Engineer 1:	G.Ruthven
Maximum Deviation:		Wireline Engineer 2:	

Detailed Operational Summary						
Date	Class	Start Time	End Time	Duration mins	End Depth MDRT	Activity

Lithology Report					Description
Depth Interval		Main Lithology	Lithology %	Qualifier	
Depth (mRT)	Depth Range				
2705.0	2710.0	Sltst	10	arg	Siltstone, brnsh gy, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous sand, 0.1% Pyrite, 1% Coal,
2705.0	2710.0	Sst	90		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 15% porosity, No Hydrocarbon shows.
2710.0	2715.0	Sltst	75	arg	Siltstone, brnsh gy, Very soft, to Soft, amorphous, to sub-blocky, 20% siliceous clay, 80% siliceous sand, 0.1% Pyrite, 1% Coal,



Lithology Report					
Depth Interval		Main Lithology	Lithology %	Qualifier	Description
Depth (mRT)	Depth Range				
2710.0	2715.0	Sst	25		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 15% porosity, No Hydrocarbon shows.
2715.0	2720.0	Sst	10		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, No Hydrocarbon shows.
2715.0	2720.0	Sltst	90	arg	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2720.0	2725.0	Sst	30		Sandstone, cl, transl, wh, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 20% medium grained, 50% coarse grained, 20% very coarse grained, 0.1% Dolomite cement, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, No Hydrocarbon shows.
2720.0	2725.0	Sltst	70	arg	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2725.0	2730.0	Sst	40		Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Silica cement, 0.1% Pyrite, 10% porosity, No Hydrocarbon shows.
2725.0	2730.0	Sltst	60	arg	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 1% Coal,
2730.0	2735.0	Sst	30		Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Silica cement, 0.1% Pyrite, 5% Coal, 10% porosity, No Hydrocarbon shows.
2730.0	2735.0	Sltst	70	arg	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 5% Coal,
2735.0	2740.0	Sst	40		Sandstone, cl, transl, wh-lt gy, Loose, Sub-angular, to Angular, Poor sorted, Slightly Elongated, to Slightly Spherical, 5% siliceous clay, 20% siliceous silt, 75% siliceous sand, 10% very fine grained, 40% fine grained, 40% medium grained, 10% coarse grained, 0.1% Pyrite, 0.1% Coal, 10% porosity, No Hydrocarbon shows.
2735.0	2740.0	Sltst	60	arg	Siltstone, brnish gy, Very soft, to Soft, amorphous, to dispersive, 50% siliceous clay, 50% siliceous sand, 0.1% Pyrite, 0.1% Coal,