



Manta 2a

Date : 06 Feb 2006

Geology Report Number : 11

(associated DDR # 15)

Well Details

Depth MDRT:	2,715.0m	Rig:	OCEAN PATRIOT	Date:	06 Feb 2006
Depth TVDBRT:	2,536.1m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	2,514.6m	GLE amsl:	133.3m	Report End:	24:00
Progress:	0.0m	Last Csg Size:	9.625in	Days On Location:	14.10
Hole Size:		Last Csg Shoe:	2,527.2m	Days since Spud:	14.19
Hole Size Carbide:		F.I.T. / L.O.T.:	/ 14.50ppg		

Operations Summary

24hr Summary:	Ran 244mm (9 5/8") casing to a depth of 2706.45 mMDRT. Cemented casing in place. Pressure tested seal-assembly and casing. Ran wear- bushing.
Forward Plan:	Run in hole picking up 36 joints of drillpipe. Drill out shoe track, rat hole and 3 m of new hole to 2718.0 mMDRT. Perform FIT. Drill 216 mm (8 1/2") hole from 2718.0 mMDRT.

WBM Data

Mud Type:	KCL/PHPA	Flowline Temp:		Cl:	41000mg/l	Low Gravity Solids:		Viscosity	75sec/qt
Sample From:	Pits	MWD Circ Temp:		Hard/Ca:	220mg/l	High Gravity Solids:		PV	21cp
Time:	1400	Glycol CP Temp:		MBT:	10	Solids (corrected):		YP	43lb/100ft²
Weight:	9.80ppg	Glycol:	3.8%vol	PM:	0.3	H2O:	90%	Gels 10s	9
ECD TD:		Nitrates:		PF:	0.05	Oil:		Gels 10m	15
ECD Shoe:		Sulphites:		MF:	0.65	Sand:	1	Fann 003	8
ECD Cuttings:		API FL:	5.0cc/30min	pH:	9	Barite:		Fann 006	11
KCl Equiv:	7%	API Cake:	1/32nd"	PHPA Excess:				Fann 100	40
								Fann 200	52
								Fann 300	64
								Fann 600	85

Formation Tops

Formation	Prognosed		Actual		Diff.	Thickness MD	Pick Criteria
	MDRT	TVDSS	MDRT	TVDSS	+ / - TVD		
Sea Foor Gippsland Limestone	155.80m	134.30m	156.00m	134.50m	0.20m	1,476.00m	
Lakes Entrance Formation	1,625.90m	1,519.00m	1,632.00m	1,522.72m	3.72m	453.00m	LWD logs
Latrobe Group	2,081.40m	1,939.00m	2,085.00m	1,936.60m	-2.40m	90.00m	LWD and Samples
Base Tuna flounder Channel	2,171.40m	2,022.00m	2,175.00m	2,018.00m	-4.00m	410.00m	LWD and Samples
K2 Dolomite Sand Marker	2,578.00m	2,397.00m	2,585.00m	2,395.00m	-2.00m	0.00m	LWD and ROP
Ma2 Dolomitic Sand Marker	2,710.40m	2,518.00m					
Top Zone 2 Sand	2,784.80m	2,585.00m					
Top Zone 4 Sand	2,834.70m	2,630.00m					
Top Zone 7 Upper Sand	2,923.50m	2,710.00m					
Top Zone 7 Lower Sand	2,940.20m	2,725.00m					
Top Volcanics Unit 1	3,034.60m	2,810.00m					
Total Depth (TD)	3,101.60m	2,870.40m					



06:00 Hrs Update

Time:	06:00 Hrs on 07 Feb 2006
Depth:	2715/2536
Progress Since Midnight:	0
Drilling Status:	Running in hole BHA from derrick.
Formation:	No drilling.
Lithology:	No drilling.
ROP:	No drilling.
Gas:	No drilling.

Wellsite Geologist(s)

(Days) - Rob Blackmore

(Nights) - Mike Woodmansee