

**Basker-3**

Date : 28 Apr 2006

Geology Report Number : 27

(associated DDR # 32)

Well Details

Depth MDRT:	4125.0m	Rig:	OCEAN PATRIOT	Date:	28 Apr 2006
Depth TVDBRT:	3353.5m	RTE amsl:	21.5m	Report Start:	00:00
Depth TVDSS:	3332.0m	LAT amsl:	152.9m	Report End:	24:00
Progress:	0.0m	Last Csg Size:	9.625in	Days On Location:	30.23
Hole Size:	8.500in	Last Csg. Shoe (TVD):	2826.8m	Days since Spud:	58.81
Hole Size Carbide:		Last Csg. Shoe (MD):	3520.0m		
		F.I.T. / L.O.T.:	13.00ppg /		

Operations Summary

24hr Summary:	Pull out of the hole from 1428m. Down load MWD tools. Rig up and run Schlumberger Wireline. Run (1) FMI/DSI/HRLA/PEX/HNGS 4121 - 3519m hi res, 3519 - 350m GR-Sonic (monopole) Run (2) MDT/GR(pretests and pumpouts)
Forward Plan:	Complete Wireline Run 2 - MDT/GR(pretests, pumpouts and samples) Run 3 - VSI4/GR

WBM Data

Mud Type: KCL/PHPA/Glycol	Flowline Temp:	Cl:	33000mg/l	Low Gravity Solids:	Viscosity	56sec/qt
Sample From: Active pit	MWD Circ Temp:	Hard/Ca:	300mg/l	High Gravity Solids:	PV	15cp
Time: 15:00	Glycol CP Temp:	MBT:	4	Solids (corrected):	YP	31lb/100ft ²
Weight: 9.20ppg	Glycol: 1.8%vol	PM:	0.5	H2O: 93%	Gels 10s	9
ECD TD:	Nitrates:	PF:	0.02	Oil: 0%	Gels 10m	14
ECD Shoe:	Sulphites:	MF:	0.7	Sand: 0.3	Fann 003	8
ECD Cuttings:	API FL: 5.0cc/30min	pH:	8.8	Barite:	Fann 006	11
KCl Equiv: 6%	API Cake: 1/32nd"	PHPA Excess:			Fann 100	31
					Fann 200	39
					Fann 300	46
					Fann 600	61

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	458.00m	LWD
Latrobe Group	2700.00m	2136.00m	2670.00m	2118.20m	-17.80m	72.00m	LWD and cuttings
Base T-F Channel	2760.00m	2186.00m	2742.00m	2172.90m	-13.10m	488.00m	Cuttings and LWD
Top K2 Sandstone	3246.00m	2568.50m	3230.00m	2554.30m	-14.20m	322.00m	LWD based on B-5
Ma2 Sandstone	3552.00m	2832.50m	3552.00m	2832.50m	0.00m	129.00m	Not clearly defined
Reservoir Zone 0	3709.00m	2976.00m	3681.00m	2946.00m	-30.00m	72.00m	LWD and Lithology
Reservoir Zone 1.2	3802.00m	3057.00m	3753.00m	3008.60m	-48.40m	12.50m	LWD
Reservoir Zone 2	3809.00m	3064.00m	3765.50m	3021.40m	-42.60m	39.50m	LWD
Reservoir Zone 4	3859.00m	3107.00m	3805.00m	3054.20m	-52.80m	130.00m	LWD
Reservoir Zone 6	3974.00m	3207.00m	3935.00m	3168.40m	-38.60m	41.00m	LWD gamma
Reservoir Zone 7	4030.00m	3257.00m	3976.00m	3223.50m	-33.50m	39.00m	LWD gamma
Top Volcanics	4042.00m	3267.00m	4015.00m	3237.80m	-29.20m	38.00m	LWD gamma and lithology
Reservoir Zone 8	4085.00m	3295.00m	4053.00m	3271.00m	-24.00m	17.00m	ROP, litholgy and gas peak
Volcanics continued	4100.00m	3310.00m	4070.00m	3285.50m	-24.50m	55.00m	LWD gamma and lithology
TD	4109.00m	3319.00m					



Oil Shows										
From	To	Formation	Lithology	White Light			UV Light			Rating
				Stain	Cut	Residue	Fluor.	Cut Fluor.	Residue	
3685.00m	3690.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	WEAK SHOW
3690.00m	3695.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	WEAK SHOW
3695.00m	3700.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	VERY WEAK
3720.00m	2725.00m			nil	nil	nil	bright green	slow	light yellow	FAIR
3770.00m	3775.00m			nil	nil	nil	very dull yellow	nil	nil	TRACE
3815.00m	3835.00m			nil	nil	nil	moderately bright green	very slow	yellow thin ring	TRACE
3895.00m	3900.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	WEAK SHOW
3900.00m	3910.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	VERY WEAK
3960.00m	3965.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	VERY WEAK
3990.00m	4010.00m			Nil-trace	Nil visible	None visible	moderately bright yellowish white	slow developing dullish to fair bluish white	light yellowish white	WEAK SHOW
4055.00m	4070.00m			nil	nil	nil	bright green	green / cream	green / cream	FAIR

06:00 Hrs Update

Time:	06:00 Hrs on 29 Apr 2006
Depth:	4125 / 3353.5
Progress Since Midnight:	0
Drilling Status:	Running log #2: MDT/GR @3797m MDRT.
Formation:	Latrobe
Lithology:	Wireline Logging No Drilling
ROP:	Wireline logging No drilling
Gas:	Wireline logging no circulation

Wellsite Geologist(s)

(Days) - Mike Woodmansee (Nights) - Stuart Duff

**Wireline****Logging Suite Details**

Suite No.	1	Anzon Witness:	M.Woodmansee/S.Duff
Wireline Depth MDRT:	4121.0	Wireline Company:	Schlumberger
Wireline Shoe Depth MDRT:	3519.0	Wireline Engineer 1:	Kasian S.
Maximum Deviation:		Wireline Engineer 2:	Jo Jo

Log Header Data

Run Number:	1	Log Top:	3519
Tool String:	FMI-DSI-HRLA-PEX-HNGS	Log Bottom:	4121
Witness:	M.Woodmansee/S Duff	Conveyance:	Wireline
Hole Size:	216		
Date Bit Reached TD:	27 Apr 2006	Time Bit Reached TD:	14:40
Date Circ Started:	27 Apr 2006	Time Circ Started:	14:40
Date Circ Stopped:	27 Apr 2006	Time Circ Stopped:	16:00
Date start of run operation:	28 Apr 2006	Time start of run operation:	08:15
Date Tool left Max Depth:	28 Apr 2006	Time Tool left Max Depth:	10:40
Date end of run operation:		Time end of run operation:	
Run Summary:	Completed downlog, and then repeat section, and then MAIN PASS up from a few metres off bottom (due to minor drag associated with some 'stickyness'), to just inside the 9 5/8" casing shoe at 3519m MD. Then continued sonic/gamma only up inside casing until loss of sonic signal at 350m. MAIN PASS was depth corrected to the downlog, and the graphic/las log data from the MAIN PASS posted on the Schlumberger INTERACT for petrophysical evaluation and selection of MDT pretest, pumpout and fluid sampling depths.	Log quality Remarks:	Overall good but with more tool sticking evident via tension indications in the volcanic section below 4015m MD.
Max Temperature (°C) :	113	Thermometer Depth:	4074
Temperature Buildup Comments:			
Mud Source:	Flowline		
RM Value (ohm m):	0.148	RM Temp (°C):	23
RMF Value (ohm m):	0.129	RMF Temp (°C):	21
RMC Value (ohm m):	0.178	RMC Temp (°C):	22

Log Header Data

Run Number:	2	Log Top:	3534
Tool String:	MDT-GR	Log Bottom:	4029.5
Witness:	M.Woodmansee / S.Duff	Conveyance:	Wireline
Hole Size:	216		
Date Bit Reached TD:	27 Apr 2006	Time Bit Reached TD:	14:40
Date Circ Started:	27 Apr 2006	Time Circ Started:	14:40
Date Circ Stopped:	27 Apr 2006	Time Circ Stopped:	16:00
Date start of run operation:	28 Apr 2006	Time start of run operation:	16:55
Date Tool left Max Depth:		Time Tool left Max Depth:	
Date end of run operation:		Time end of run operation:	
Run Summary:		Log quality Remarks:	
Max Temperature (°C) :		Thermometer Depth:	
Temperature Buildup Comments:			
Mud Source:	Flowline		
RM Value (ohm m):	0.148	RM Temp (°C):	23
RMF Value (ohm m):	0.129	RMF Temp (°C):	21
RMC Value (ohm m):	0.178	RMC Temp (°C):	22



Detailed Operational Summary						
Date	Class	Start Time	End Time	Duration mins	End Depth MDRT	Activity
1						
	Productive Time	06:30	08:15	105		Held safety meeting. Rig up sheaths. Rig up tools. Set zero. Apply tide correction -2.1m (MSL). Load Sources.
	Productive Time	08:15	09:50	95		Check tension at shoe 6700lbs cable, 2300lbs head.
	Productive Time	09:50	10:10	20		Log down in open hole from 3520m. 6000ft/hr
	Productive Time	10:10	10:40	30		Repeat from 3977m - 3977m Repeat just above Unit (1) Volcanics, 7700-8000lbs tension. Initial rough depth correction +10.5m
	Productive Time	10:40	12:15	95		Log MAIN PASS from 4121m (TD not tagged) up to the 9 5/8" casing shoe at 3520.5m MD. Initial tension near bottom 8100-8400lbs 9max. pull on cable 9700 lbs). Hi-Res, DSI mode P and S (Upper and Lower Dipole)
	Productive Time	12:15	14:20	125		Continue MAIN PASS up to inside casing shoe and complete caliper check inside casing. Re-initialise tool inside casing at 3502m MD so that only sonic (P and S monopole) and GR logging inside casing. Continue logging up until loss of sonic signal at around 350m (started deteriorating above 425m).
	Productive Time	14:20	14:30	10		Complete POOH. Decompensated at 100m. Tool back to surface.
	Productive Time	14:30	16:00	90		Unload radioactive sources. Break down SuperCombo tool. Thermometers readings at 4074m MD were 232 deg F, 234 deg F and 235 deg F (113 deg C) from this run.
2						
	Productive Time	16:00	16:55	55		Make up Run # 2 tool comprising MDT with x12 450cc PVT's (x2 MRMS's) for fluid sampling. Total tool length 24m. Initialise tool at surface and perform full tool check. Zero tool at rig floor.
	Productive Time	16:55	18:25	90		Commence RIH, compensate at 100m, continue RIH to shoe at 8000'/hr, slow down at BOP's. Continue down to 3510m MD.
	Productive Time	18:25	19:20	55		Commence stabilising quartz gauge prior to beginning pretest programme. Drop down below shoe to 3615m MD for gamma correlation pass (add 2.5m) - some 'stickyness' noted during this pass. Do repass and correlation to MAIN PASS log good. Move back up to inside shoe to complete gauge stabilisation.
	Productive Time	19:20	20:10	50		Commence pretests / pumpouts. Depth station # 1 at 3534m MD. While doing pumpout # 2 at 3554.5m MD getting indications of communications problem with tool - terminate pumpout early.
	Lost Time (Other)	20:10	20:30	20		Pull back to inside shoe to investigate tool communication problem during pumpout. Hole indicating 'sticky' while pulling up to inside shoe - overpull up to 2000lbs. Change out MDT surface module. Check pumpout inside shoe.
	Productive Time	20:30	23:20	170		Move to the 3rd pretest/pumpout station at 3563.5m MD and continue pretests/pumpouts. Do gamma correlation after this for interval 3575-3590m and find that need to readjust depth 2m down - sticky hole causing problems. Continue pretests/pumpouts. Complete pretest/pumpout at 3605.5m.
	Productive Time	23:20	23:35	15		Gamma correlation pass over interval 3685-3620m MD for next batch of pretests and pumpouts
	Productive Time	23:35	23:59	24		Continue pretests and pumpouts from 3626.5m MD to 3626.9m MD.