

DAILY GEOLOGICAL REPORT

Date:	09 September 2009	Rig:	Ocean Patriot
Report Number:	4	Bit Diameter:	17.50 in
Report Period:	06:00 - 06:00 Hours	Last Casing:	30"csg, 20" shoe track @ 151.4 m MDRT
Spud Date:	05-Sep-2009 21:00 Hours	Integrity Test:	N/A
Days From Spud:	3.4	Mud Weight:	8.80 ppg
Depth @ 0600 Hrs:	816.0 m MDRT	ECD:	8.90 ppg
	816.0 m TVDRT	Mud Type:	Sea Water & PHG
	-794.5 m TVDSS	Mud Chlorides:	-
Lag Depth:	-	Est. Pore Pressure:	-
Last Depth:	428.0 m MDRT	DXC:	-
Progress:	388.0 m	Last Survey:	803.80 m MDRT
Water Depth:	74.0 m	Deviation:	Inc. 0.17°
RT:	21.5 m		Az. 265.12°

OPERATIONS SUMMARY

24 HOUR SUMMARY: Drilled 17 1/2" hole from 428.0 to 816.0 mMDRT with sea water and pre-hydrated gel sweeps. Section total depth called at 816.0 mMDRT, circulated and conditioned well. Pulled out of hole to run 13 3/8" casing, worked tight hole section from 725.0 to 629.0 mMDRT - maximum recorded overpull of 30-40 klb. Laid out LWD tools and bit. Held pre-job safety meeting, rigged up and ran in hole 60 joints of N80 68 lb/ft 13 3/8" casing.

NEXT 24 HOURS: Land 13 3/8" casing, rig up cement line and pressure test same. Cement 13 3/8" casing, retrieve landing string. Run blow out preventers & marine riser.

CURRENT OPERATION @ 06:00 HRS (09-Sep-2009): Rigging down casing elevators.

GEOLOGICAL SUMMARY

LITHOLOGY

Returns to sea floor.

SAMPLE QUALITY

Returns to sea floor.

MWD

Sensor Offsets:

GR	: 5.80 m
Res	: 5.75 m
Directional	: 13.98 m
Sonic	: 23.45 m

PROVISIONAL FORMATION TOPS

Formation Name	Prognosed Depths			Actual Depths			Diff. TVT (m)	Picks Based On
	MD (m)	TVDRT (m)	TVDSS (m)	MD (m)	TVDRT (m)	TVDSS (m)		
Recent Carbonates	118.0	118.0	(96.5)	95.5	95.5	(74.0)	22.5 H	Offset Stratigraphy
Torquay Group (Reefal Carbonate)	138.0	138.0	(116.5)	131.0	131.0	(109.5)	7.0 H	ROP
Torquay Group (Marl)	718.0	718.0	(696.5)	715.0	715.0	(693.5)	3.0 H	ROP
Oligocene Sandstones (Lower Torqay Group)	1023.0						-	
Demons Bluff Formation	1398.0						-	
Upper Eastern View Group	1478.0						-	
Middle Eastern View Group	1868.0						-	

SURVEY DATA

MD (m)	Inc (°)	Azi (°)	TVD (m)	TVDSS (m)	V.Sec (m)	Dogleg (°/100ft)	E/W (m)	N/S (m)
206.9	0.26	42.95	206.9	185.4	0.09	0.15	0.08	0.09
294.9	0.36	50.37	294.9	273.4	0.41	0.04	0.43	0.41
338.4	0.08	102.37	338.4	316.9	0.49	0.22	0.56	0.49
468.3	0.03	49.52	468.3	446.8	0.49	0.02	0.68	0.49
556.1	0.15	273.02	556.1	534.6	0.51	0.06	0.58	0.51
642.6	0.26	259.10	642.6	621.1	0.48	0.04	0.28	0.48
727.8	0.24	254.77	727.8	706.3	0.40	0.01	-0.09	0.40
786.2	0.17	248.62	786.2	764.7	0.33	0.04	-0.29	0.33
803.8	0.18	261.59	803.8	782.3	0.32	0.07	-0.34	0.32

REMARKS

13 3/8" casing shoe to be set at 805.8 mMDRT.

WELLSITE GEOLOGISTS

Fred Fernandes