

Garfish-1



Date:	12-06-2008	Last Casing:	340 mm (13 3/8") @ 746.5 mMDRT
Report Number:	11	Leak Off Test:	2.09 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	216 mm (8 1/2")
Depth @ 2400 Hrs:	2590.0 mMDRT	Mud Weight:	1.32 SG
Last Depth:	2470.0 mMDRT	ECD:	n/a
Progress:	120 m	Mud Type:	KCL/Polymer
TD Lithology:	Volcanics	V: 6 / 3	13/11
Water Depth:	56.3 m	Mud Fluid Loss:	6.0
RT Elevation:	39.9 m	Bit Type:	Hycalog RSX 616M-D2

OPERATIONS SUMMARY

24 HOUR SUMMARY
00:00 - 24:00:

RIH with new 8 1/2" bit from 1875m to 2450m. Reamed cored section from 2450m to 2470m. Continued drilling 8 1/2" hole from 2470m to 2590m. Circulated hole clean and POOH for wireline logging. Back reamed from 2583m to 2374m due to tight hole - jarred pipe free. Continued POOH and racked back BHA to 70m.

06:00 Update

Held JSA and continued to racking back BHA and laying down MWD/LWD tools. Serviced TDS and related equipment. Held JSA and rigged up Schlumberger wireline equipment. Ran wireline log #1: PEX-ECS-HRLA-HNGS-GR

NEXT 24 HOURS:

Continue running wireline log programme.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT	Description
2492 – 2525 ROP: 17-72 m/hr AV: 47 m/hr	<p>Sandstone with minor Claystone and Siltstone</p> <p>SANDSTONE (70-100%): quartzose, very light grey to light grey, clear to translucent grains, friable to firm aggregates, very fine to medium grained, predominantly fine, sub angular to sub rounded, trace angular, low to moderate sphericity, well sorted, trace light grey argillaceous matrix, strongly calcite cemented, trace weathered feldspar grains, trace brownish black lithic grains, very poor visual porosity. No Shows.</p> <p>CLAYSTONE (Tr-20%): medium dark grey, firm to moderately hard, homogeneous, subblocky to blocky, trace sparse carbonaceous specks, non calcareous.</p> <p>SILTSTONE (Tr-10%): medium grey, firm, blocky, non calcareous, with common black carbonaceous material, rarely grading to very fine sandstone.</p>
2525-2550 ROP: 18-52 m/hr AV: 35 m/hr	<p>Top Emperor Volcanics</p> <p>VOLCANICS (100%): greyish green to dark greenish grey, trace pale red to pale red purple fragments, trace moderate red, trace white, trace greyish black, moderately hard to hard, brittle, blocky to sub blocky, cryptocrystalline, trace pyrite pale red fragments are microcrystalline and friable.</p>

2550-2590 ROP: 3-76 m/hr AV: 17 m/hr	VOLCANICS (100%): varicoloured greyish green to dark greenish grey, medium dark grey to dark grey, trace pale red to pale red purple fragments, trace moderate red, trace white, trace greyish black, orange red, predominantly shades of green and dark grey, hard to very hard, brittle, blocky to sub blocky, microcrystalline to coarsely crystalline, pale red fragments are microcrystalline and friable, trace white (feldspathic?) grains, trace greyish black lithics, trace chalcedony, trace very coarse very angular quartz grains.
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HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
2492-2590	No hydrocarbon fluorescence; no mineral fluorescence.

GAS SUMMARY:

INTERVAL (mMDKB)	Total GAS (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	NC4 (ppm)	IC5 (ppm)	NC5 (ppm)
2492-2525	0.10-0.31	706-3001	9-34	7-16	1-6	1-3	-	-
2525-2550	0.09-0.17	682-1532	5-12	6-8	2-3	0-2	-	-
2550-2590	0.03-0.10	102-801	0-6	1-6	0-2	0-1	-	-

SURVEYS

MD	ANGLE	Azi	TVD					
2433.46	1.58	329.48	2433.2					

FORMATION TOPS

<i>WD = 56.3 m</i> <i>RTE = 39.9 m</i>								
FORMATION	PROGNOSSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDKB	TVDSS	THICK	MDKB	TVDSS	H/L/O	THICK	DIFF
Sea Floor/ Gippsland Limestone	96.0	-56	n/a	96.2	-56.3	-		
Lakes Entrance	1201	-1161		1184	-1144	17 hi		
Latrobe	1611	-1571		1615	-1575	4 lo		
K/T Boundary	1917	-1877						
Un-named Volcanics	2045	-2005		2051	-2011	6 lo		
Chimaera	2071.5	-2031.5		2091	-2051	19.5 lo		
Kipper Shale	2101	-2061		2129	-2092	28 lo		
Admiral Formation	2220	-2180		2225	-2185	5 lo		
500 Sands	2278	-2238		2270	-2230	8 hi		
400 Sands	2378.5	-2338.5		2357.5	-2317.5	21 hi		
300 Sands	2441	-2401						
200 Sands	N/A	N/A						
100 Sands	2467	-2427		2500	-2460	33 lo		
Emperor Volcanics	2489	-2449		2525	-2485	36 lo		
TD	2520	-2480		2590	-2550	70 lo		

COMMENTS:

Formation tops are field picks only, subject to confirmation.

TD reached at 1350 Hrs.

WIRELINE LOGGING:**Run 1: PEX-HRLA-ECS-HNGS**

Started to rig up at 02:05 hrs, 13 June. Logging up from 06:00 hrs

WELLSITE GEOLOGISTS: Cliff Menhennitt Bill Leask