

Garfish-1



Date:	10-06-2008	Last Casing:	340 mm (13 3/8") @ 746.5 mMDRT
Report Number:	9	Leak Off Test:	2.09 sg EMW
Report Period:	24hrs to 24:00	Current hole size:	216 mm (8 1/2")
Depth @ 2400 Hrs:	2470.0 mMDRT	Mud Weight:	1.32 SG
Last Depth:	2450.0 mMDRT	ECD:	1.64
Progress:	20 m	Mud Type:	KCL/Polymer
TD Lithology:	Claystone	V: 6 / 3	13/11
Water Depth:	56.3 m	Mud Fluid Loss:	6.0
RT Elevation:	39.9 m	Bit Type:	BHC 409Z core-bit

OPERATIONS SUMMARY

24 HOUR SUMMARY	Continued to RIH with core barrel from 538m to 2450m. Cut core from 2450m to 2470m. Broke core off bottom (2hrs).
00:00 - 24:00:	
06:00 Update	Reviewed JSA, flow checked and POOH core assembly from 2470m to 2195m. Flow checked, slugged pipe. Continued POOH core assembly from 2195m to 953m.
NEXT 24 HOURS:	Continue to POOH with core barrel and lay out core and barrel. Pick up new bit and BHA to continue drilling 8 1/2" hole.

GEOLOGICAL SUMMARY

LITHOLOGIC DESCRIPTION:

Interval mMDRT	Description
2450-2470 ROP: 0.1-2.6 m/hr AV: 1.4 m/hr	<p>Cuttings while coring: Claystone with subordinate sandstone and siltstone; considerable uphole contamination included 5% pale green volcanics and coal and unknown amounts of sandstone and claystone.</p> <p>CLAYSTONE (70-90%): medium grey to medium dark grey, light brownish grey to brownish grey in part, firm, sub blocky to blocky, trace quartz silt, trace disseminated and nodular pyrite, trace carbonaceous fragments, non calcareous.</p> <p>SANDSTONE (5-20%): quartzose, very light grey, clear to translucent and milky grains, commonly returned loose, friable to firm aggregates, very fine to medium grained, predominantly very fine to fine, rare medium, angular to sub rounded, trace rounded, low to moderate sphericity, well sorted, common white to light brownish grey argillaceous matrix, trace weak calcareous cement, trace black and greenish black lithic grains, trace moderate brown to moderate red lithics, trace weathered feldspar grains, poor to fair inferred porosity. No Shows.</p> <p>SILTSTONE (5-20%): medium light grey to medium grey, firm, sub blocky to blocky, common medium grey argillaceous matrix, common fine quartz grains, trace weathered feldspar grains, trace carbonaceous fragments, commonly grading to very fine grained argillaceous sandstone.</p>

HYDROCARBON FLUORESCENCE:

INTERVAL (mMDRT)	FLUORESCENCE
2450-2470	No hydrocarbon fluorescence; trace mineral fluorescence.

GAS SUMMARY:

INTERVAL (mMDKB)	Total GAS (%)	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	NC4 (ppm)	IC5 (ppm)	NC5 (ppm)
2450-2470	0.02-0.03	82-271	1-7	2-7	-	-	-	-

SURVEYS

MD	ANGLE	Azi	TVD					
2433.46	1.58	329.48	2433.2					

FORMATION TOPS

WD = 56.3 m
RTE = 39.9 m

FORMATION	PROGNOSED DEPTHS (m)			ACTUAL DEPTHS (m)				
	MDKB	TVDSS	THICK	MDKB	TVDSS	HI/LO	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						
Emperor Volcanics	2489	-2449						
TD	2520	-2480						

COMMENTS:

Admiral Formation tops are field picks only, subject to confirmation.

WELLSITE GEOLOGISTS: Cliff Menhennitt Bill Leask