

SAMPLE DESCRIPTIONS

Interval	Description
2270' - 2300'	10% Shell fragments as above. 90% Marl, grey, soft, slightly silty, fossiliferous some fragments have a high concentration of disseminated fine glauconite - which gives the marl a distinct green colour.
2300' - 2360'	10% Shell fragments as above. 90% Marl, as above.
2360' - 2390'	10% Shell fragments, as above. 90% Marl, as above.
2390' - 2420'	10% Shell fragments, as above. 90% Marl, as above.
2420' - 2450'	10% Shell fragments, dominantly bryzoans, forams. 90% Marl, grey-green; soft, slightly silty, some minor sand grains. Some fragments have abundant glauconite.
2450' - 2510'	10% Shell fragments, bryzoans, echinoid fragments, forams. 90% Marl, grey-green, soft, clayey, silty in part, fossiliferous, some fragments contain abundant glauconite.
2510' - 2550'	10% Shell fragments. 90% Marl, as above.
P.O.H to run 10-3/4" casing.	
Drilled out of casing at 0600 hrs. on May 24, 1973. Displaced seawater with 11 lb lignosulphonate mud.	
2550' - 2570'	50% Marl, grey-green, soft, silty. 50% Sandstone, light grey, fine grained, poorly sorted, angular grains, glauconitic, highly quartzose. Trace of coarse unconsolidated grains, very low porosity and permeability. (Sample contains 80% cement cavings)
2570' - 2600'	100% Marl, light grey, soft, gummy, silty, highly glauconitic (glauconite both as fine disseminated material and as distinct grains) fossiliferous, highly calcareous.
2600' - 2630'	100% Sandstone, light grey, fine to medium grained, soft abundant highly calcareous muddy matrix, highly quartzose, highly glauconitic, very low porosity and permeability due to the calcareous muddy matrix, fossiliferous.
2630' - 2660'	100% Sandy Marl, light grey, sand, fine to medium grained, quartzose, poorly sorted, angular, highly glauconitic, Marl matrix, soft, clayey, gummy, highly calcareous.
2660' - 2690'	100% Sandy Marl, as above with traces of firm, consolidated, sand with a highly calcareous matrix.
2690' - 2720'	100% Sandy Marl, as above.
2720' - 2780'	No returns - it appears that we have drilled into pure marl and it is all dissolving away before reaching surface.
2780' - 2810'	100% Marl, grey, soft, gummy, contains quite abundant fine sand, silt, glauconite and shell fragments.