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LITHOLOGY SUMMARY

600 - 700M (1969-2526FT) CALCILUTITE, CALCAREOUS CLYST AND MINOR BIOMICRITE(?) INTERBEDDED WITH BIOCALCARENITE.

CALCILUTITE (50% NEAR 600M INCR TO 80-90% BELOW 650M) (UP TO 25%) GLAUCONITE

TR-ABUN (50%?)(MICRITE) MIXED WITH CLAY TR-ABUN (25%) FOSSIL FRAGS

- TR-MOD ABUN (10%) SPARITE CMT, TR-1% TRANSLUC CARBONATE SPHEROIDS (OOIDS?)

BIOCALCARENITE (50% NEAR 600M DECR TO 10-20% BELOW 650M)
- M-VC (DOM C) GR CONSISTS MAINLY OF FOSSIL FRAGS.
- 5-25% SPARITE CMT, 0-10% CLY MATRIX.
  VIS POR ON COMPOSITE GRAINS INFERRED AS VERY VARIABLE AND IN PART GOOD-V GOOD

770 - 850M (2526-2789FT) DOM BIOCALCARENITE WITH MINOR CALCILUTITE, SANDSTONE AND CLAYSTONE

BIOCALCARENITE (80-90%) AS ABOVE
CALCILUTITE (10-20%) AS ABOVE
SANDSTONE PROBABLY AS THIN BEDS (LESS THAN 1M?) NEAR 780M, V F GR, TR PALE-DK GRN GLAUCONITE, OCC PATCHY (10%) LT BRN TO BRN-BLK ORGANIC STAIN, 10-15% WH CLY CMT, POOR (0-5%) VIS POR FNT PALE BL-WH CRUSH CUT AND DESS RNG FLUOR WITH CLR RES.

CLAYSTONE (TR, INTERBEDDED WITH SST?) PALE ORNG-BR TO TAN.

850 - 1010M (2789-3314FT) INTERBEDDED BIOCALCARENITE AND CALCAREOUS CLAYSTONE. BIOCALCARENITE AS ABOVE.

CALCAREOUS CLAYSTONE (10-40% INCR WITH DEPTH).
- DISTINCTIVE DK GRN-GRY,TR-ABUN (30%?DECR WITH DEPTH) MICRITE IN CLY MATRIX.(0 TO 40%) FOSSIL FRAGS

1010 - 1350M (3314-4429FT) CLAYSTONE POSSIBLY INTERBEDDED WITH MINOR BIOCALCARENITE

CLAYSTONE (100%): SIMILAR TO AND GRD FROM, ABOVE CALC CLYST
TR-10% MICRITE DECR WITH DEPTH, IN CLY MATRIX.
UP TO 30% FOSSIL FRAGS (AS ABOVE) DECR TO TR BELOW 1300M.

BIOCALCARENITE (TR) AS ABOVE.

GAS SUMMARY

BACKGROUND GAS: 2 UNITS (0.04%)
COMPOSITION C1, TR C2
MAXIMUM GAS: DEPTH 1300M (FT), 8 UNITS (0.16%)
COMPOSITION C1 - 1630, C2 - 10
TRIP GAS: NIL
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 692.5M (2271FT), 168 M/HR (551 FT/HR)
MINIMUM ROP: DEPTH 1005 M (3297FT), 21.5M/HR (70.5FT/HR)
AVERAGE ROP: 58 M/HR (191 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.23 - 0.54 DXC AVERAGE: 1.10
SHALE DENSITY, RANGE: AVERAGE:
SHALE FACTOR, RANGE: AVERAGE:
TEMP OUT: 46.8 DEG C TEMP IN: 43.7 DEG C
MUD WT. IN: 9.1 PPG MUD WT. OUT: 9.3 PPG ECD: 9.3+ PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 14.6 PPG EMW

JANUARY 2, 1985

DRILLED INTERVAL (TO 0600HRS): 1382.3 - 1618.5M (4535-5310FT)
SAMPLED INTERVAL (TO 0600HRS): 1350 - 1596M (4429-5236FT)
CORRELATION/FORMATION TOPS: DRILLING IN LOWER MOST TORQUAY GROUP.

SHOW SUMMARY

NO SHOWS