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DAILY GEOLOGICAL REPORT

329540

OCTOBER 19, 1985

LITHOLOGY SUMMARY

3351 - 3441M (10,994-11,289FT) VOLCANICS: BASALTIC AND TUFFACEOUS, VARICOLOURED, V. ALTERED TO OCCASIONAL FRESH BASALT, OCC. QTZ GRS - PROB. SEDIMENTARY.

GAS SUMMARY

BACKGROUND GAS: 3 UNITS (0.06%)
COMPOSITION C1=541 PPM: C2=21 PPM: C3=5PPM.
MAXIMUM GAS: DEPTH 3366M (11,044FT), 5.5 UNITS (0.11%)
COMPOSITION C1=725 PPM: C2=29 PPM: C3=5PPM.
TRIP GAS: N.A.
CONNECTION GAS: N.A.

RATES OF PENETRATION

MAXIMUM ROP: 3423M (11,231 FT), 22 M/HR (72 FT/HR)
MINIMUM ROP: 3402.5M (11,164FT), 1.14 M/HR (3.7FT/HR)
AVERAGE ROP: 3.6 M/HR (11.9 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.19 - 2.07 DXC AVERAGE 1.85
SHALE DENSITY, RANGE: - AVERAGE
SHALE FACTOR, RANGE: - AVERAGE
TEMP OUT: 56 DEG C TEMP IN: 56 DEG C
MUD WT. IN: 9.6 PPG MUD WT. OUT: 9.7 PPG ECD: 9.7 PPG
EST PORE PRESSURE:8.9 PPG EMW EST FRACTURE PRESSURE:APPR 15 PPG EMW

OCTOBER 20, 1985

LITHOLOGY SUMMARY

3441 - 3450M (11289-11319FT) VOLCANICS: BASALTIC AND TUFFACEOUS, VARICOLOURED, V ALTERED, V SFT.

3450 - 3459M (11319-11348FT) INTERBEDDED BASALT WITH MINOR SLTST/SHALE.
BASALT:- DOMINANTLY FRESH WITH MINOR ALTERED BASALT AS ABOVE, FINE GRAINED, FRACTURED, VERY HARD.

SLTST/SH: CARBONACEOUS, V HARD.

GAS SUMMARY

BACKGROUND GAS: 1 - 2.5 UNITS (0.02 - 0.05%)
COMPOSITION C1, C2, C3
MAXIMUM GAS: DEPTH NO PEAKS
TRIP GAS: DEPTH 3456.4M (11,340FT), 14 UNITS (0.28%)
COMPOSITION C1=2069 PPM: C2=70: C3=23= IC4=2: NC4=2.
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3458.0M (11,345FT), 13.5 M/HR (44FT/HR)
MINIMUM ROP: DEPTH [illegible]