TELEX MESSAGE TELEX MESSAGE TELEX MESSAGE TELEX

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3458.0M (11,345FT), 13.5 M/HR (44FT/HR)
MINIMUM ROP: DEPTH 3456M (11,339FT), 0.5 M/HR (2 FT/HR)
AVERAGE ROP: 3.2 M/HR (10.5 FT/HR) (WITH NEW BIT NO.18)

PRESSURE PARAMETERS

DXC, RANGE: 1.64 - 1.93 DXC AVERAGE 1.85
SHALE DENSITY, RANGE: - AVERAGE
SHALE FACTOR, RANGE: - AVERAGE
TEMP OUT: 58.5 DEG C TEMP IN: 55.6 DEG C
MUD WT. IN 9.5+ PPG MUD WT. OUT: 9.6 PPG ECD: 9.7 PPG
EST PORE PRESSURE 8.7 PPG EMW EST FRACTURE PRESSURE 15 PPG EMW

OCTOBER 21, 1985

LITHOLOGY SUMMARY

3459 - 3470M (11348-11384FT) BASALT WITH THIN INTERBEDS OF SLTST/SHALE
BASALT:FRESH, V HARD.

SLTST/SHALE: CARBONACEOUS, V HARD.

3470 - 3480M (11384-11417FT) VOLCANICS WITH INTERBEDDED COAL AND SLTST/SHALE

VOLCANICS: FRESH BASALT AND TUFFS - V GR, ALTERED, CLAYEY, MOD CALC, CLR QTZ, V. SFT-FIRM

COAL: THIN BEDS, ANTHRACITIC, HARD, IN PART BLEEDING GAS BUBBLES IN WET SAMPLE

SLTST/SH: THIN BEDS, CARBONAC, HARD.

3480 - 3513M (11417-11525FT) VOLCANICS WITH MINOR THIN COAL AND SHALE INTERBEDS, AND MINOR FRACTURE FILL MINERALS.

VOLCANICS: BASALT AND TUFFS AS ABOVE

COAL: BLK, ANTHRACITIC AND HARD WITH LESSER SOFT AND BRN-BLK.

SHALE: CARBONAC, MOD HARD.

FRACTURE FILL: QUARTZ, CALCITE, CHLORITE, CHERT.

3513 - 3534M (11525-11594FT) VOLCANICS WITH MINOR INTERBEDS OF SHALE, AND COAL AT 3531-34M.

VOLCANICS: BASALT AND TUFFS, BASALT AS ABOVE WITH TUFFS HAVING OCC QTZ GRS AND ABNT CALCITE VEIN FILL, TUFFS BLEEDING GAS IN WET SAMPLE.

SHALE: CARBONAC, V. SOFT
COAL: BRN-BLK, LOW GRADE, SOFT.

GAS SUMMARY

BACKGROUND GAS: 2 TO 4 UNITS (0.04-0.08%)
COMPOSITION: C1-C4
MAXIMUM GAS: DEPTH 3474M (11,397FT), 56 UNITS (1.12%)
COMPOSITION: C1=5171 PPM: C2=780: C3=501: IC4=226:
NC4=143: C5=70
TRIP GAS: NIL