[illegible] 0.7 M/HR (2.3 FT/HR)
AVERAGE ROP: 3.9 M/HR (12.7 FT/HR)

450483

PRESSURE PARAMETERS

DXC, RANGE: 1.26 - 2.00
TEMP IN: 46 DEG C TEMP OUT: 50 DEG C
MUD WT. IN: 9.1+ PPG MUD WT. OUT: 9.1+ PPG ECD: 9.2 PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE:16.8CLST PPG EMW
15.4SAND " "

JANUARY 20, 1986
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DRILLED INTERVAL (TO 0600HRS): 2807.9 - 2855.4M (9212-9368FT)
SAMPLED INTERVAL (TO 0600HRS): 2807.9 - 2841M (9212-9321FT)
CORRELATION/FORMATION TOPS: DRILLING IN CLAYSTONE/SANDSTONE ABOVE F SAND.

SHOW SUMMARY

SSTS - HAVE EVEN LT BRN STAIN MED GOLD FLUOR WITH PALE, TOTALLY TRANSP YLW FLUOR. CLAYSTONES - SHALES ARE NON-FLUOR WITH MOD BRT, MOD INTENSE, MOD TRANSP MOD YLW FLUOR CUT.

LITHOLOGY SUMMARY

2807.9 - 2841M (9212-9321FT) INTERBEDDED SANDSTONE (30%), CLAYSTONE (WITH MINOR SHALE) AND VERY MINOR COAL.
MAIN SANDSTONE BEDS 2814-19 (9232-9248FT), 2822-30M. (9258-9285FT) CLAYSTONE SEQUENCES ARE CHARACTERISED BY MINOR TO ABUNDANT VERY FINELY LAMINATED VERY FINE SANDSTONE.

SANDSTONE - MOD SOFT TO MOD HD AND FRI WITH SLIGHT TO MOD PRES, FN-MED WITH V MINOR VERY FN, ANG TO SUB-ANG QTZ AND FELDSP, NON-CALC WITH 20-30% LT TAN TO TAN-WHT KAOLIN (?) MATRIX, VIS INTERGRAN POR 15-20%.

CLAYSTONE - MOD SOFT WITH BLKY TO SUBFIS PARTING, GD TR VARYING TO POORLY FIS SHALE EQUIV, VARIABLY TR TO GD TR BLK MICROCARB, MICA, SLT AND VERY FN TO MED SD.

BITUMINOUS COAL: HIGH GLOSS WITH TR SUBMETALLIC LUSTRE, CLARAIN-VITRAIN LAMINAE.

GAS SUMMARY

BACKGROUND GAS: 6 UNITS (0.12%)
COMPOSITION: C1 = 610, C2 = 88, C3 = 33
MAXIMUM GAS: DEPTH 2841M (9321FT), 48 UNITS (0.96%)
BL = 19.7 * COMPOSITION: C1 = 6100, C2 = 792, C3 = 540, IC4 = 86, NC4 = 65, C5 = 10
BL = 9.8
TRIP GAS: DEPTH 2808M (9212FT), 35 UNITS (0.70%)
CL = .3 COMPOSITION: C1 = 5612, C2 = 1232, C3 = 296, IC4 = 28 NC4 = 32, C5 = 5
DEPTH 2840.2 (9318FT), 11 UNITS 0.22%
COMPOSITION: C1 = 732, C2 = 88, C3 = 52
CONNECTION GAS: NONE

RATES OF PENETRATION