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329521

DAILY GEOLOGICAL REPORT

LITHOLOGIC SUMMARY

2991 - 3057M (9813'-10,029')
INTERVAL DOM SBT WITH CLYST INTBDS ESP AT 3009-18M,
THIN IGNEOUS MATERIAL ESP AT 3000-09M AND THIN
COALS AT 3040-45M.

SBT: WH, V F TO C GR, SUBANG TO SUBRND, PR SRT,
NON-CALC, FRI TO FIRM, WH CLY CMT, VAR CARB, MICA.
8% VIS POR.

CLYST: M TO DK BRN, SFT, VAR CARB, OCC SLTY.

COAL: BK, HD, SUBCONCH AND IRREG FRAC.

IGN: C XTLN, DK GRN AND BK WITH QTZ; MOD CALC, HD.

GAS SUMMARY

BACKGROUND GAS: 7 UNITS (0.14%)
COMPOSITION: C1-NC4: 939, 66, 55, 12, 20 PPM
RESPECTIVELY

MAXIMUM GAS: DEPTH 3039 M (9971FT), 23.5 UNITS (0.47%)
COMPOSITION: C1-C5: 2800, 265, 170, 32, 42, 7 PPM
RESPECTIVELY

TRIP GAS: NIL
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3040M (9974FT), 55 M/HR (180 FT/HR)
MINIMUM ROP: DEPTH 3012M (9882FT), 1.1 M/HR (4 FT/HR)
AVERAGE ROP: 4 M/HR (13 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 0.96 - 2.15
SHALE DENSITY, RANGE:
SHALE FACTOR, RANGE:
TEMP OUT: 59 (MAX. 65) DEG C
MUD WT. IN: 9.3 PPG MUD WT. OUT: 9.3 - 9.4 PPG ECD: 9.4 PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 13.6 PPG EMW

DXC, AVERAGE 1.75
AVERAGE
AVERAGE
TEMP IN: 58 DEG C

REGARDS,
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