450533

PRESSURE PARAMETERS

DXC, RANGE: 1.0 - 1.54
TEMP OUT: 52.2 DEG C TEMP IN: 55.7 DEG C
MUD WT. IN: 13.8 PPG MUD WT. OUT: 13.8 PPG ECD: 14.18 PPG
EST PORE PRESSURE: 13.8 PPG ENW
EST FRACTURE PRESSURE: 19.7 PPG EMW - CLYST
18.7 PPG EMW - SST

COMMENTS

RAISE MUD WEIGHT FROM 13.0 PPG TO 13.8 PPG AFTER GOING THROUGH A SERIES OF GAS PRESSURED SANDS.

CR AT 3591M 11782 FT (DRILLBREAK)
T.G. 575 UNITS - C1 33976, C2 7780, C3 5080, IC4 1008, NC4 1800, C5 - 360

FEBRUARY 9, 1986

DRILLED INTERVAL (TO 0600HRS): 3638.4-3647.2M (11,937-11,966.1FT)
SAMPLED INTERVAL (TO 0600HRS): 3633.0-3647.2M (11,919.9-11,966.1FT)
CORRELATION/FORMATION TOPS: WITHIN L BALMEI

SHOW SUMMARY

NO SHOWS

LITHOLOGY SUMMARY

3633.0 - 3647.2M CLAYSTONE
(11919.9-11966.1FT) CLST: RDSH/BRN TO BRN, SILICEOUS, MICRO-LAMINATED WITH CARBONACEOUS DEBRIS.

GAS SUMMARY

BACKGROUND GAS: 400-500 UNITS (8-10%)
COMPOSITION
MAXIMUM GAS: DEPTH 3636M (11929FT), 509 UNITS (10.2%)
COMPOSITION
TRIP GAS: DEPTH
CONNECTION GAS: AT 3631M 240
3641M 134

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3647M (11965FT), 3.7 M/HR (12.1 FT/HR)
MINIMUM ROP: DEPTH 3645.5M (11961FT), 2.69 M/HR (8.8FT/HR)
AVERAGE ROP: 3.3 M/HR (10.8 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.35 - 1.44 DXC AVERAGE 1.40
TEMP OUT: 55.6 DEG C TEMP IN: 52.8 DEG C
MUD WT. IN: 14.0 PPG MUD WT.OUT: 14.0 PPG ECD: 14.4 PPG
EST PORE PRESSURE: 13.8 PPG EMW EST FRACTURE PRESSURE: 18.8 PPG EMW

COMMENTS

T.D. 3647.2M (1966FT)