3666.1 - 3670M (12028-12040FT) DOM CLST
CLST: OL-LT OL GY, TR-V CARB IN PT, RARELY SLTY AND GRDG TO SLTST IN PT, BLKY-SUBFIS, V DISPERSIVE.

3670 - 3699M (12040-12136FT) WHOLLY SST
SST: CLR-WH-V LT GY, VF-M GR BECOMING C GR TO 3678M (12067FT), DOM F-M QTZ, A-SA, MOD W SRT, UP TO 15-20% SILICA CMT IN PT AS QTZ OVERGROWTHS. VIS POROSITY 10-15% AV.

3699 - 3720M (12136-12204FT) DOM CLST
CLST: BRN GY - OL GY, V CARB IN PART AS STREAKS AND FLAKES, SUBFIS, V DISPERSIVE AND ALMOST TOTALLY WASHING OUT OF CTGS.

GAS SUMMARY

BACKGROUND GAS: 6 UNITS (0.12%)
COMPOSITION C1 = 263, C2 = 38, C3 = 18
MAXIMUM GAS: DEPTH 3671M (12043FT), 45 UNITS (0.9%)
COMPOSITION C1 = 5510, C2 = 750, C3 = 188, IC4 = 15, NC4 = 33, C5 = 0
TRIP GAS: DEPTH 3666M (12028FT), 9 UNITS (0.18%)
COMPOSITION C1 = 971, C2 = 637, C3 = 30
CONNECTION GAS: 6 UNITS AT 3674M, 17 UNITS AT 3684M, 20 UNITS AT 3093M, 20 UNITS AT 3711M, 14 UNITS AT 3721M.

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3705M (12155FT), 17 M/HR (56 FT/HR)
MINIMUM ROP: DEPTH 3726M (12224FT), 1.9M/HR (6.2FT/HR)
AVERAGE ROP: 3.07 M/HR (10 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 0.8 - 1.2
TEMP OUT: 41 DEG C TEMP IN: 40 DEG C
MUD WT. IN: 15.0 PPG MUD WT. OUT: 15.0 PPG ECD: 15.6 PPG
EST PORE PRESSURE: 15.0 PPG EMW EST FRACTURE PRESSURE: 20.01 PPG EMW

COMMENTS
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1. CTGS QUALITY V POOR, MOST CLST WASHING OUT.
2. MINOR GAS AT TOP OF SAND PENETRATED OVER INTERVAL 3670-3699M, REMAINDER OF SAND APPEARS TO BE WATER-WET.

REGARDS,
C.W.WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

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