LITHOLOGY SUMMARY

4110.0 - 4118.7M (13,485-13,513FT)

SST WITH INTERBEDDED SLST
SST: PRED LOW FN GRN, WITH COMM V FN GRN, SILICA CMT WITH APPROX 5% CLY MATRIX, 5-10% QTZ OVERGROWTHS, VIS POROSITY LESS THAN 10%. GRDS TO SLST WITH DEPTH. SLST: V CALC AND DISPERSIVE, MIC MIC WITH V COMM SCATT TO MICROLAMIN WITH CARB DEBRIS.

4118.7 - 4158M (13,513-13,642FT)

PRED SLST WITH CLST AND SST INTERBEDS.
CLST: THE DK GY/BLK FRAC IS BLKY, NON-CALC, FIRM V MIC MIC V RICH IN BLK ORG MATT. THE RDSH/BRN FRAC HAS PRED BLKY FRAC WITH RARE SUB-FISS, V MIC TO MIC MIC, COMMLY STREAKED WITH CARB MATT, IN PT GRDS TO SUPER FN SST,V CALC.

SLST: DISPERSIVE, V CALC, IN PT GRDS TO SUPER FN SST, MIC-MIC AND CARB AS FLAKES.

SST: 4151.8-4154M FN GRN TO V FN GRN, VIS POROSITY EST 10%.

GAS SUMMARY

BACKGROUND GAS: 24 UNITS (0.48%)
COMPOSITION C1 = 2418, C2 = 423, C3 = 44, IC4 = 15, NC4 = 16
MAXIMUM GAS: DEPTH 4115M (13501FT), 225 UNITS (4.50%)
COMPOSITION C1 = 31500, C2 = 4500, C3 = 992, IC4 = 158, NC4 = 134, C5 = 25
TRIP GAS: NO TRIP
CONNECTION GAS: 4112M (13491FT) 20 UNITS (0.40%)

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 4153M (13625FT), 6.5M/HR (21 FT/HR)
MINIMUM ROP: DEPTH 4139M (13579FT), 0.9M/HR (3 FT/HR)
AVERAGE ROP: 2.1 M/HR (6.9FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 0.88 - 1.23
TEMP OUT: 45 DEG C TEMP IN: 44 DEG C
MUD WT. IN: 15.5 PPG MUD WT. OUT: 15.5 PPG ECD: 16.0 PPG
EST PORE PRESSURE: 14.5 - 15.0 PPG EMW
EST FRACTURE PRESSURE: 21 PPG EMW

PALYNOLOGY

4059-68 M : T. LILLEI ZONE ASSEMBLAGE SEEN : NON-MARINE : MATURITY HIGHLY VARIABLE BUT WITH MOST GRAINS IN THE MATURE TO FULLY MATURE RANGE, WITH ONLY VERY RARE POST-MATURE GRAINS. SOME CAVING HAS OBVIOUSLY OCCURED, BUT IT IS IMPOSSIBLE TO DETERMINE IF THE ASSEMBLAGE IS LARGELY CAVED. SIDEWALL CORES OR CONVENTIONAL CUTTINGS SHOULD HELP THE INTERPRETATION .

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

AAAA*
TASROK A458276

TELEX MESSAGE TELEX MESSAGE TELEX MESSAGE TEL