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LITHOLOGY SUMMARY

1596 - 1635M (5236-5364FT) INTERBEDDED CLAYSTONE, SANDSTONE, SILSTONE WITH MINOR LIMESTONE

CLAYSTONE (60% 1595-1610M, 40% 1610-1635M.
- LT TO DK BRN, V SFT TO FIRM, BLOCKY TO SUBFISS, TR TO ABUN C SLT - TR - 15% CALC CMT.

SILTSTONE AND V F SANDSTONE: UP TO 10% 1595-1605M, 40-50% 1605-1635M. LT BRN, C SLT TO V F GR SAND, SUB-ANG, MOD-WELL SRT, V FRI. VAR 0-15% CRM-WH CALC AND CLY CMT (5-20%) VIS POR IN SST. TR V LT TRANSLUC PALE YEL-WH CUT FLUOR WITH V LT DISCONT PALE YEL-WH DES RNG FLUOR.

LIMESTONE (2-10%, ESP AT 1635) TAN TO ORNG-BRN, HD, BRIT, BLOCKY TO SUBCONCH FRAC, MICROXTLN, VAR DOLOMITIC AND SILICEOUS, TR-MOD ABUN V F GR SAND, GRDS TO CHERT, SDY LMST, DOLOM LMST, CHERTY LMST.

1635 - 1755M (5364-5758FT) DOMINANTLY CLAYSTONE INTERBEDDED WITH SILTSTONE AND MINOR LIMESTONE AND V F GR SANDSTONE.ROCKS AS DESCRIBED ABOVE, EXCEPT THAT CLAYSTONE GEN HARDER, DARKER AND MORE FISSILE, GRDG LOCALLY TO DK BRN-GRY SFT SH. CLAYSTONE/SH 55-75% 1635-1720M, 90% 1720-1755M.

1755 - 1776.3M (5758-5828FT) INTERBEDDED CLAYSTONE, SILTSTONE, AND MINOR SAND.

SILTSTONE (40%): AS DESCRIBED ABOVE. THINLY INTERBEDDED,AND IN PART GRADATIONAL TO CLAYSTONE. TR RARE M-C GR CLR SUBANG FREE QTZ. NONE- V LT TR FLUOR AS DESCRIBED ABOVE.

CLAYSTONE (60%) AS DESCRIBED ABOVE.

GAS SUMMARY

BACKGROUND GAS: 3 UNITS (0.06%)
COMPOSITION: C1 - 750, C2 - 25, C3 - 18

MAXIMUM GAS: DEPTH 1715M (5626 FT), 5.5 UNITS (0.11%)
COMPOSITION: C1 - 924, C2 - 31, C3 - 24

TRIP GAS: DEPTH: 1776M (5828FT), 26 UNITS (0.52%)
COMPOSITION: C1 - 4042, C2 - 139, C3 - 107, IC4 - 47
NC4 - 5, TR - CO2

CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 1621M (5318FT), 120 M/HR (394 FT/HR)
MINIMUM ROP: DEPTH 1665M (5462FT), 6.5 M/HR (21.4FT/HR)
AVERAGE ROP: 20.1 M/HR (66 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.1-1.6 DXC AVERAGE
SHALE DENSITY, RANGE: AVERAGE
SHALE FACTOR, RANGE: AVERAGE
TEMP OUT: 47 DEG C TEMP IN: 46 DEG C
MUD WT. IN: 9.4 PPG MUD WT. OUT: 9.5 PPG ECD: 9.52 PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 15.1 PPG EMW

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

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