ESSAGE TELEX MESSAGE TELEX MESSAGE TELEX MESSAGE TELEX MESSA

3116 - 3166M (10223'-100387') IGNEOUS: VOLC, MULTICOLOURED, GLASSY TO V F GR, CALC IN PT, SFT TO HD.

3166 - 3201M (10387'-10502')

SST WITH INTBD SLTST, SHALE AND OCC COAL.

SST: WH, DOM F GR WITH M AND C GR, FRI TO FIRM, ARG AND SIL IN PT.

SLTST: DK TO M BRN, VAR ARG, FIRM TO HD.

SH: M TO DK BRN, SLTY, SFT TO FIRM, NONCALC

COAL: DOM BK, HD, SUBCONCH FRAC, ANTHRACITIC, BUT IN PT DK BRN-BK, M HD WITH BLKY FRAC.

3201 - 3222M (10502'-10571') INTBD SST, SLTST AND OCC COALS ALL AS ABOVE WITH THIN IGN INTRUSIVES.

IGN: M TO DK GRN WITH TRANSLU OFF-WH AND BK, C XTLN, HD TO SL FRI, MOD TO V CALC IN PT WITH ABUN LARGE FRAG OF CALCITE.

GAS SUMMARY

BACKGROUND GAS: 12 UNITS (0.24%)
COMPOSITION: C1-C5: 964, 134, 149, 22, 45, 5 PPM RESPECTIVELY

MAXIMUM GAS: DEPTH 3182M (10437') 128 UNITS (2.56%)
COMPOSITION: C1-C5: 13225, 1203, 340, 84, 116, 40 PPM RESPECTIVELY

TRIP GAS: DEPTH 3066M (10059') 24 UNITS (0.48%)
COMPOSITION: C1 - NC4: 211, 126, 36, 40 PPM RESPECTIVELY.

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3067M (10063') 52M/HR (170 FT/HR)
MINIMUM ROP: DEPTH 3182M (10040') 1.3M/HR (4 FT/HR)
AVERAGE ROP: 4M/HR (13FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 0.97 - 2.09 DXC AVERAGE: 1.75
SHALE FACTOR, RANGE: 1.5 AVERAGE: 1.5
TEMP OUT: 60 DEG C TEMP IN: 59 DEG C
MUD WT. IN: 9.2+ PPG MUD WT. OUT: 9.3 PPG ECD: 9.4 PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 14.2 PPG EMW

COMMENTS
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1. RECOVERED 51 OF 51 SIDEWALL CORES (100%).

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

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