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SEPTEMBER 13, 1985 OR-331A DRILLING WIRE - TILANA NO. 1 - BASS BASIN, AUSTRALIA 329485

AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: T.D. STACY MC 4502
B.G. NEWTON MC 4703
CH-AUP-163-T-933.2-CWW/SCB/CDC

BUREAU OF MINERAL RESOURCES TX: AA62109
THE DIRECTOR
ATTN: J. WHITE

TASMANIAN DEPARTMENT OF MINES TX: AA58276
ATTN: H. MURCHIE

MISC-AUP-645-T-933.2-CWW/SCB/CDC

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-139-T-933.2-CWW/SCB/CDC/GMK

DATE : 13 SEPTEMBER 1985
REPORT NO. : 10
DAYS FROM SPUD : 8
TD : 1605 M (5267 FT)
PROGRESS : 273 M (897 FT)
MUD PROPERTIES : MW -9.1, VIS - 42, API FL - 11
LAST CASING : 20' AT 412 M (1353 FT),
FCCT -15.3 PPG
DAILY COST (USD) : 86,126 CUM. COST :3,064,711
PRESENT OPERATION : DRILLING
OPERATIONS SUMMARY : DRILL TO 1417 M (4650 FT), CIRCULATE FOR
SAMPLE. DRILL TO 1605 M (5267 FT) SURVEY AT
4957 FT (1511 M) - .25 DEG

GEOLOGICAL REPORT

LITHOLOGIC SUMMARY

1305-1398M RHYOLITE (100PCNT): DOM TAN AND GRY-GRN BUT BECOMING
(4281'-4586') DARKER GRN BELOW 1385M (ANDESITIC?); GLASSY GRNDMASS WITH ABUN GRY-TAN MICROSPHERULITES.

1398-1480M INTERVAL DOM CLYST WITH 0.5-1 M THICK INTBD SST
(4586'-4856') (THICKER SST AT 1408-10M AND 1412-17M) AND LMST ESP BETWEEN 1445-1480M.

CLYST (60-80PCNT): LT TO M TAN, V SFT, V HYDRATABLE,
MOD CALC, TR SLTY AND SNDY, TR MICROFOSS.
SST: CLR TO FRSTD, V F, ANG, MODWSRT, UNCONSOL, TR
FELD, GLAUC, MICA AND BK MAFICS.
LMST: LT TO M RD-TAN, V HD, DNSE, BRIT, CRYPTOXTLN,
V SNDY, TR M GRN GLAUC.

1480-1545M INTERVAL DOM CLYST WITH 0.5-1M THICK SST ESP AT 1500M,
(4856'-5069') 1511M AND 1513M.

CLYST (80-90PCNT): DK TO M BRN, V SFT, MOD CALC,
TR QTZ SLT AND V F SND, TR MICROFOSS FRAG, TR GLAUC
AND BK MATICS.
SST: LT TAN TO TAN-WHT, V F GR, ANG, MOD W SRT, MOD
SFT AND FRI, CLR TO FRSTD QTZ WITH MINOR FELD, TR
GLAUC, LT TAN MOD CALC KAOLINITIC MTX, TR BK MAFICS,
15-25PC VIS POR.

GAS SUMMARY

BACKGROUND GAS: 5U (C-1 = 850, C-2 = 1 PPM)
MAX GAS (1410M/4626'): 11U (C-1 = 1560, C-2=9, C-3=2 PPM)
CONNECTION GAS: ABSENT
TRIP GAS: NO TRIP
MAX ROP: 137M/HR (450') AT 1413M (4636')
MIN ROP: 1.8M/HR (6') AT 1385M (4544')
AV ROP: 24M/HR (80')

PRESSURE PARAMETERS:

DXC: 0.95-1.45
SHALE DENSITY: ARGILLACEOUS FRAGS TOO INCOMPETENT
TEMP (FLOWLINE): 45 DEG C
MW IN/OUT = 9.1/9.1 PPG (ECD: 9.4 PPG)
ESTIMATED PORE PRES: 8.7 PPG
FRAC GRAD: 15.3 PPG (AT 20' SHOE AT 412M (1353'))

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY