AUGUST 12, 1985

OPERATOR 200 LBH 34

DRILLING WIRE - YOLLA NO. 1 - BASS BASIN, AUSTRALIA

AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: D.B. WILKIE MC 4502
B.G. NEWTON MC 4703
CH-AUP-108-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-483-T-933.2-CWW/SCB/CDC

CC: AMOCO PRODUCTION COMPANY - HOUSTON TX: 020/236868237+
ROBERT L. BLANTON - ROOM NO. 2.490
ATTN: F.J. ALLEN, JR. - ROOM NO. 6.155
J.C. STRICKLAND - ROOM NO. 2.470
W.R. MOEHL - ROOM NO. 2.232
HO-AUP-328-T-933.2-CWW/SCB/CDC/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-081-T-933.2-CWW/SCB/CDC/GMK

DATE : 12 AUGUST 1985
REPORT NO. : 70
DAYS FROM SPUD : 65
TD : 10,271 FEET (3131 METERS)
PROGRESS : 174 FT (53M)
MUD PROPERTIES : MW - 9.6, VIS - 4 , API FL -6.1
LAST CASING : 13-3/8 AT 5749 FEET (1752 METERS),
FCCT -13.6 PPG
DAILY COST (USD) : 95,141 CUM. COST :7,774,590
PRESENT OPERATION : DRILLING
OPERATIONS SUMMARY : RUN IN HOLE. REAM UNDERGAGE HOLE 9,965FT
(3,037M).
TO 10,097 FT (3077M). DRILL TO 10271 FT
(3131M).

GEOLOGICAL REPORT

LITHOLOGIC SUMMARY

3076-3124M (10092'-10,249') : VOLCANICS (100 PC)
FELD, QTZ (OVER 10 PC), ABNT BIOT, HORNBLENDE, (OFTEN ALT. TO CHLORITE.), FAYALITE, MAGNETITE, APATITE, DOM HOLOXTN BCMG F GR AND HYALINE BELOW 3088M. THIS FINER GRAINED TEXTURE MAY INDICATE A LOWER CHILLED MARGIN (?).

3031 - 3124.

GAS SUMMARY :

BACKGROUND GAS=0.2PC (10 UNITS) C1=1640 PPM
MAXIMUM GAS AT 3121M (10240') : 0.22PC (11 UNITS) C1=2194, C2=147 PPM
CONNECTION GAS AT : ABSENT
TRIP GAS AT 3078M (10018') : 0.25 PC (13 UNITS) C1=2205, C2=210 PPM
(9200 STROKES)

MAX ROP AT 3126M (10258') : 12M/HR (39')
MIN ROP AT 3086M (10123') : 2.3M/HR (7')
AVG ROP : 4.7M/HR (15')

PRESSURE PARAMETERS

DXC : 1.39-1.99
SH DENSITY : -
TEMP OUT : MAX/MIN 169/166 DEGS F
TEMP IN : 145 F
MW IN : 9.6 PPG (ECD=9.76 PPG)
EST PORE PRESS : 9.4-9.5 PPG
FRAC GRAD : UNKNOWN BEYOND 13.6 PPG (13-3/8'' CSG)

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY