AUGUST 8, 1985

AMOCO AUSTRALIA PETROLEUM COMPANY - SYDNEY
ATTN: C.W. WARING

AUGUST 8, 1985

DRILLING WIRE - YOLLA NO. 1 - BASS BASIN, AUSTRALIA
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AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: D.B. WILKIE MC 4502
B.G. NEWTON MC 4703
CH-AUP-100-T-933.2-CWW/SCB/ADB

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

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

MISC-AUP-468-T-933.2-CWW/SCB/ADB

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-315-T-933.2-CWW/SCB/ADB/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-077-T-933.2-CWW/SCB/ADB/GMK

DATE : 8 AUGUST 1985
REPORT NO. : 66
DAYS FROM SPUD : 61
TD : 9515 FT (2900 M)
PROGRESS : 167 FT (51 M)
MUD PROPERTIES : MW - 9.6, VIS - 55, API FL - 7.7
LAST CASING : 13-3/8''AT 5749 FT (1752 M),
FCCT - 13.6 PPG
DAILY COST (USD) : 92,660 CUM. COST :7,388,022
PRESENT OPERATION : TEST BOP
OPERATIONS SUMMARY : DRILL TO 9515 FT (2900 M). TRIP OUT OF HOLE
FOR BIT. RETRIEVE WEAR BUSHING. TEST BOP.

GEOLOGICAL REPORT
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LITHOLOGIC SUMMARY

2839-2878M (9314'-9442') INTERVAL DOM INTERBED. SH AND SLTST WITH OCC BEDS F GR SST.

SH : (10-50 PC) TR - V ABNT SLT, V ABNT MICMICA, ABNT MICROCARB, SUBFIS, CLR CRUSH CUT, MOD BRT, TRANSP - SL MLKY BL-WH CRUSH CUT FL.

SLTST : (TR-90 PC) V SHALEY (40 PC), ABNT MICCARB AND MICMICA, CLR CRUSH CUT, MOD BRT, TRANSP-SL MLKY BL-WH CRUSH AND OCC SLW STRMG CUT FL.

SST (0-90 PC) : DOM F GR, OCC VF AND MGR, SR, MOD W SRTD, CLY MTX, TR-MOD ABNT CARB AND MIC MICA, FRI, 10-25 PC VIS POR, PATCHY-EVEN DULL YEL FL, CLR CRUSH CUT, SLW STRMG MOD BRT MLKY-TRANSP BL-WH CUT FL.

2878-2900M (9442'-9515') : INTERVAL DOM SH WITH SLTST TO 2887M.

SH : (80-100 PC) : MOD SLTY,(DECR BELOW 2890M), ABNT MICROCARB, MIC MICA AND PY, SUBFIS-OCC BLKY.

SLTST : (TR-20 PC) AS ABOVE
BOTH LITHOTYPES HAVE A CLR CRUSH CUT, MOD BRT-BRT, TRANSP - SL MLKY BL-WH CRUSH CUT FL.

GAS SUMMARY

BACKGROUND GAS : 0.5 PC (25 UNITS) C1=3049, C2=478, C3=239 PPM.
MAXIMUM GAS AT 2867M (9406') : 3.1 PC (155 UNITS)
C1=16840, C2=2124, C3=1002
IC4=150, NC4=224. SANDSTONE.

CONNECTION GAS : ABSENT.
TRIP GAS : NO TRIP (IN).

ROP SUMMARY

MAX ROP AT 2857M (9373') : 49M/HR (160')
MIN ROP AT 2856M (9370') : 4.4M/HR (14')
AVG ROP : 6M/HR (20')

PRESSURE PARAMETERS

DXC : 0.92/2.09 (SAND-SHALE)
SH DENSITY: 2.58
TEMP OUT : MAX/MIN 174/168F
TEMP IN : 132F
MW IN : 9.7 PPG (ECD = 9.89)
EST PORE PRES : 9.4-9.5 PPGE
FRAC GRAD : UNKNOWN BEYOND 13.6 PPG (13 3/8'' SHOE)

COMMENTS
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1. PALYNOLOGY : 2675-84M, CUTTINGS, PROB. M. DIVERSUS.
FOSSILS EXTREMELY RARE, MATURITY VARIES MARG. MATURE TO POST-MATURE.
PROXIMITY TO IGNEOUS ROCKS IS CONSISTENT WITH THESE OBSERVATIONS.

2. VITRINITE REFLECTANCE : 2573-82M, CUTTINGS, VRO=0.92 PC. SAMPLE CONSISTS OF 85 PC COAL, WITH REFLECTANCES RANGING 0.6-1.7 PC. LIKELY THAT THESE COALS OCCUR BETWEEN A SERIES OF IGNEOUS SILLS.

REGARDS
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY