AUGUST 2, 1985

(25)

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-091-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-433-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-296-T-933.2-CWW/SCB/ADB/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-070-T-933.2-CWW/SCB/ADB/GMK

DATE : 2 AUGUST 1985
REPORT NO. : 60
DAYS FROM SPUD : 55
TD : 8229 FT (2508 M)
PROGRESS : 226 FT (69 M)
MUD PROPERTIES : MW - 9.6, VIS - 56, API FL - 5.3
LAST CASING : 13-3/8'' AT 5749 FT (1752 M),
FCCT - 13.6 PPG
DAILY COST (USD) : 90,028 CUM. COST :6,888,957
PRESENT OPERATION : DRILLING
OPERATIONS SUMMARY : W.O.W. LAND LMRP. RETRIEVE HANG OFF TOOL. TEST UPPER COLLET CONNECTOR. RIH. DRILL 8003 FT (2439 M) TO 8229 FT (2508 M)

GEOLOGICAL REPORT

LITHOLOGIC SUMMARY

2439-2492M (8003-8176')

INTERVAL COMPOSED OF SH, SLTST, SST, DOL, DOL LST AND COAL AS INTERBEDS WITH FINER LAMINATIONS OF SST AND SH BETW 2439 TO 2471M (8003'-8107'), AND COARSER SST FROM 2471M-2492M (8003'-8107').

SH: VARIABLE SLTY AND VFGR SDY, SL. TR DOLIC, ABNT MUSC, SL-MOD FIS.

SH: MICROPY, TR DOLIC. BLOCKY TO HIGHLY FIS.

SLTST: SDY, SL TR DOLIC, ABNT MUSC, ABNT MICROCARB, MOD SFT.

SST: (2439-71M): VF GR, MOD PR SRT, TR CLY MTX, ABNT MICROCARB, 10-20 PC VIS POR.

SST: (2471-92M): VF-F GR, MINOR M GR, ABNT KAOLINITIC (?) MTX, V SFT, V FRI, 0-20 PC VIS POR.

BIT COAL: HI VITRAIN AND LOW CLARAIN - FUSAIN COAL.

DOL: TR-ABNT SLTY AND SDY, V. HD, 0-10 PC VIS POR.

DOL. LST: MICROXLN - MICRITIC, TR-ABNT SLTY AND SDY, V HD, 0-20 PC VIS POR.

ALL LITHOLOGIES HAVE A CLEAR CRUSH CUT, V. BRT, INTENSE, MOD TRANSP TO HIGHLY TRANSP, LT YEL FLUOR. THE SST FROM 2471-92M HAS A LT YEL NAT. FLUOR.

GAS SUMMARY

BACKGROUND GAS: 0.92 PC (46U) C1=8359 PPM, C2=571 PPM
MAX. GAS: (2464M,8084') 3.2 PC (160U) C1=25,713 PPM
C2=1796PPM, C3=1275PPM
CONN GAS: NOT OBSERVED.

TRIP GAS: (2439M) 1.22 PC (61U) C1=11,318 PPM, C2=923 PPM, C3=508 PPM

ROP SUMMARY

MAX ROP (2471M, 8107') 82 M/HR (269 FT/HR)
MIN ROP (2481M, 8140') 3 M/HR (10 FT/HR)
AV ROP 14 M/HR (46 FT/HR)

PRESSURE PARAMETERS

DXC: 0.82-1.72 (COAL-DOLO)
SH DENSITY: 2.5 GM/CC
TEMP OUT: MAX/MIN 134/150 DEGS F
TEMP IN 128 DEGS F
MW(IN): 9.7 PPG (ECD: 9.9 PPG)
ESTIMATED PORE PRES: 9.5 PPG
FRAC GRAD: UNKNOWN BEYOND 13.6 PPG (13-3/8'' SHOE)

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY