JULY 27, 1985

OPERATOR 1187

19

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-082-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-408-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-282-T-933.2-CWW/SCB/ADB/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-059-T-933.2-CWW/SCB/ADB/GMK

DATE : 27 JULY 1985
REPORT NO. : 54
DAYS FROM SPUD : 49
TD : 7752 FEET (2363 METERS)
PROGRESS : 26 FT (8M)
MUD PROPERTIES : MW -9.2 , VIS -49, API FL -5.6
LAST CASING : 13-3/8' AT 5749 FEET (1752 METERS),
FCCT -13.6 PPG
DAILY COST (USD) : 99,235, CUM. COST :6,355,334
PRESENT OPERATION : DRILLING
OPERATIONS SUMMARY : WOW. POSITIONED RIG, LATCHED LMRP, SCREWED INTO HANGOFF TOOL, CIRCULATED ON CHOKE (MAX GAS 14.80/0). POH TESTED BOP STACK. RIH, CIRCULATED B/U. DRILLED TO 7752' (2363M).

GEOLOGICAL REPORT

LITHOLOGIC SUMMARY

2355-2357M (7726'-7733')

INTERVAL DOM. MICROCARB SH WITH THIN RESIDUAL OIL STN SST, DOL AND RARE COAL.

60 PC SH: V. CLAYEY, GD TR SLTY AND V F GR SDY, MICROCARB, MOD HD, CLR CRUSH CUT WITH MOD BRT AND INTENSE, HIGHLY TRANSP. LT YEL-WH FLUOR.

30 PC SST: V F GR, DOM SUPERFINE, MOD W SRT, TR DOL CLY MTX, 10-20 PC VIS POR. DOM RESIDUAL OIL STN FLUOR.

10 PC COAL: BITUMINOUS, CLR CRUSH CUT WITH BRT AND INTENSE, MOD TRANSP MED GOLD-YEL FLUOR

ABNT DOL: V F MICROXLN, NO VIS POR.

GAS SUMMARY

BACKGROUND GAS: 1.74 PC (87 U) CHROMATOGRAPH DID NOT ANALYSE AT THIS POINT.

MAX GAS: MASKED BY T.G.

CONNECTION GAS: NO CONNECTION.

TRIP GAS: (AT 1826-56M, 5991-6089') 21.5 PC (1075 U) C1 = 205,650 PPM
C2 = 43,316, C3 = 14,829, IC4 = 2343 PPM NC4 =

ROP SUMMARY:

MAX ROP (2356M,7730') 223 M/HR (732 FT/HR)
MIN ROP (2363M,7752') 3.5 M/HR (11.5 FT/HR)
AV ROP 22 M/HR (73 FT/HR)

THE FOLLOWING VALUES OF SHALE DENSITIES, CALCIMETRIES AND TRUE SHALE FACTORS ARE TO, AND INCLUDE, THE PRESENT DRILLED DEPTH OF 2438M (7998'), BEGINNING AT 2360M(7743').

DEPTH		SHALE DENSITY	CA	MG	TRUE SHALE FACTOR
(M)	(FT)	GM/CC	PC	PC	MEQ/100G
2360	7743	2.28	2	1	1.4
2366	7762	2.28	3	2	1.4
2372	7782	2.30	3	5	1.3
2378	7802	2.30	2	6	1.3
2384	7821	2.30	3	0	1.4
2390	7841	2.30	2	0	1.4
2396	7861	2.30	2	10	1.4
2402	7880	VOLCANICS	18	6	VOLCANICS
2411	7910	VOLCANICS	4	6	VOLCANICS
2417	7930	2.32	4	8	1.5
2423	7949	2.32	4	10	1.5
2429	7969	2.50	3	8	1.4
2438	7998	2.52	2	6	1.4

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY