AUGUST 1, 1985

OPERATOR

124

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
AUP-090-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-427-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-291-T-933.2-CWW/SCB/ADB/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-068-T-933.2-CWW/SCB/ADB/GMK

DATE : 1 AUGUST 1985
REPORT NO. : 59
DAYS FROM SPUD : 54
TD : 8003 FT (2439 M)
PROGRESS : 0
MUD PROPERTIES : MW -9.4 , VIS - 90 , API FL - 5.2
LAST CASING : 13-3/8''AT 5749 FT (1752 M),
FCCT -13.6 PPG
DAILY COST (USD) : 88,055 CUM. COST :6,798,929
PRESENT OPERATION : W.O.W.
OPERATIONS SUMMARY : W.O.W.

GEOLOGICAL REPORT

PALYNOLOGY OF YOLLA - 1

2273-82 M : P. ASPEROPOLUS TO UPPER M. DIVERSUS. THIS BOUNDARY IS SUBTLE AND BASED ON OLDEST OCCURRENCES. IT IS THEREFORE EASILY OBSCURED BY CAVING. THE SAMPLE CLEARLY BELONGS TO ONE OR OTHER OF THESE ZONES, BUT IT IS NOT POSSIBLE TO CLEARLY SAY WHICH : MARGINAL MARINE : MARGINALLY MATURE.

2372-81 M : UPPER M. DIVERSUS ZONE. BOTH SPORE-POLLEN AND DINO-FLAGELLATES INDICATE THE ASSIGNMENT. THE DINOS ARE CLOSELY SIMILAR TO THOSE FROM THE UPPER M. DIVERSUS ZONE IN CORMORANT -1. : NEARSHORE MARINE : MATURE FOR HYDROCARBONS.

ORGANIC PETROLOGY OF YOLLA-1

DEPTH (M)	MEAN MAXIMUM REFLECTANCE(%)	STANDARD DEVIATION	RANGE	NUMBER OF (M) DETERMINATIONS
2372-81++	0.63	0.06	0.51-0.72	39

++ POSSIBLY INFLUENCED BY CAVED CUTTINGS.

BRIEF DESCRIPTION - FULL DESCIPTIONS (INCLUDING PHOTOGRAPHS) WILL BE INCLUDED IN THE FINAL REPORT.

2372-81

CHIEFLY SHALE, 5% COAL, 5-10% CARBONATE RICH SANDSTONE.

PROPORTIONS OF MACERAL GROUPS AND DOM CONTENTS

	VITRINITE	INERTINITE	EXINITE	DOM(%)
SHALE	60	15	25	0.5-1
COAL	80	5	15	-
SANDSTONE	-	100	-	LO.2

EXINITE MACERALS PRESENT IN ORDER OF ABUNDANCE: SHALE: SPORINITE, CUTINITE, LIPODETRINITE, RESINITE.

COAL: RESINITE, SPORINITE, LIPODETRINITE, CUTINITE, SUBERINITE.

Resin Spores Fatty deposit Cuticle ~~Cortex~~ deposit Cork cells

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY