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27 AUG 1985 10:45

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AUGUST 27, 1985

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-130-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-548-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-378-T-933.2-CWW/SCB/CDC/GMK/BFW

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: W.C. COWAN
ABB-AUP-104-T-933.2-CWW/SCB/CDC/GMK

DATE	: 27 AUGUST 1985
REPORT NO.	: 85
DAYS FROM SPUD	: 80
TD	: 10,981 FT (3347 M)
PROGRESS	:
MUD PROPERTIES	: MW - 9.6, VIS - 40, API FL - 9.6
LAST CASING	: 13-3/8''AT 5749 FT (1752 M), FCCT - 13.6 PPG
DAILY COST (USD)	: 97,172 CUM. COST :9,156,188
PRESENT OPERATION	: WOW
OPERATIONS SUMMARY	: WAIT ON WEATHER

COMMENTS:

GEOCHRONOLOGY

K-AR DATING OF BASALT FROM JUNK SUB 3173M GIVES AGE OF 54 MILLION YEARS (EARLY EOCENE).

PETROGRAPIC EVALUATION OF SAMPLE INDICATES A DEGREE OF ALTERATION OF GROUNDMASS WHICH WOULD BE EXPECTED TO CAUSE ARGON LEAKAGE AND CONSEQUENT LOWERING OF K-AR AGE. TRUE AGE IS THEREFORE CERTAINLY OLDER THAN EOCENE BUT QUANTITATIVE ESTIMATE NOT POSSIBLE.

MAGNETIC SUSCEPTIBILITY OF CORE FROM 3345-3346M IS 65-85 X 10-6 S.I. UNITS IN TOP 0.1M AND 150-250 X 10-6 S.I. UNITS IN REMAINDER OF CORE

THESE VALUES SIGNIFICANTLY LESS THAN MEASUREMENTS ON CUTTINGS FROM AROUND 3000-3100 REPORTED PREVIOUSLY. LOW VALUES MAY BE DUE TO ALTERATION/WEATHERING?

OPAQUES IN 3345 IN SAMPLES APPEAR PARTLY SECONDARY AND MAY BE TITANIFEROUS RATHER THAN MAGNETITE.

REGARDS
C W WARING
AMOCO AUSTRALIA PETROLEUM COMPANY