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TASROK AA58276
STBY BCAST 176199 CLG

OCTOBER 23, 1985

DRILLING WIRE - TILANA NO. 1 - BASS BASIN, AUSTRALIA
==========

AMOCO CORPORATION - CHICAGO TX: 020/234991785+
ATTN: T.D. STACY MC 4502
B.G. NEWTON MC 4703
CH-AUP-238-T-933.2-CWW/SCB/CDC/GMK

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

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

MISC-AUP-888-T-933.2-CWW/SCB/CDC/GMK

CC: AMOCO AUSTRALIA PETROLEUM COMPANY TX: AA58162
- HOBART ATTN: C.D. CORNELL
ABB-AUP-206-T-933.2-CWW/SCB/CDC/GMK

DATE : 23 OCTOBER 1985
REPORT NO. : 50
DAYS FROM SPUD : 48
TD : 3686.6 METERS (12,095 FT).
PROGRESS : 77.6 M (255 FT)
MUD PROPERTIES : MW - 9.8, VIS - 48, API FL - 5.1
LAST CASING : 13 3/8'' AT 1652 METERS (5420 FT.)
FCCT - 14.6 PPG
DAILY COST (USD) : 85,320 CUM. COST :5,802,985
PRESENT OPERATION : DRILLING
OPERATIONS SUMMARY : DRILL 12 1/4'' HOLE 3609 M TO 3686.6 M
(11,840 - 12,095 FT)

DAILY GEOLOGICAL REPORT
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DRILLED INTERVAL (TO 0600HRS): 3609 - 3686.6M (11,840-12,095FT)
SAMPLED INTERVAL (TO 0600HRS): 3597 - 3672M (11,801-12,047FT)
CORRELATION/FORMATION TOPS: TOP OF IGNEOUS INTRUSIVES, 3620M

SHOW SUMMARY

NO SHOWS.

LITHOLOGY SUMMARY

69

3597 - 3620M (11801-11876FT) VOLCANICS, WITH THIN INTERBDS OF SHALE, SLTST AND COAL.

VOLCANICS: TUFFACEOUS, F GR, ALTERED IN PART, CLAYEY MOD-V. CALC, VARYING V. SFT TO HD.

SHALE: SL SLTY, CARBONAC, SFT-FIRM.

SLTST: CARBONCAC.

COAL: MAINLY BLK AND HARD, WITH MINOR DK BRN-BLK, SFTER OF LESSER RANK.

3620 - 3672M (11876-12047FT) DOLERITE TO GABBRO: SL CALC, FIRM - V.HD.

GAS SUMMARY

BACKGROUND GAS: 1 - 2 UNITS (0.2 - 0.04%)
COMPOSITION C1 - C4
MAXIMUM GAS: DEPTH 3612M (11850 FT), 17 UNITS (0.34%)
COMPOSITION C1=1300: C2=193: C3=129: IC4=14: NC4=39
TRIP GAS: NO TRIP
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3632.3M (11917FT), 7.6 M/HR (25 FT/HR)
MINIMUM ROP: DEPTH 3615.2M (11861FT), 1.1 M/HR (3.6 FT/HR)
AVERAGE ROP: 3.7 M/HR (12.1 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.5 - 2.1 DXC AVERAGE 1.75
SHALE DENSITY, RANGE: AVERAGE
SHALE FACTOR, RANGE AVERAGE
TEMP OUT: 65 DEG C TEMP IN: 63 DEG C
MUD WT. IN: 9.8 PPG MUD WT. OUT: 9.9 PPG ECD: 9.9+ PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 15 PPG EMW

COMMENTS

PALYNOLOGY: 3390-99M AND 3444-53M SAMPLES: NO OLDER THAN L.BALMEI, APPROX PEAK MATURITY, SAMPLES LEAN.

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

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TASROK AA58276