GAS SUMMARY

BACKGROUND GAS: 2 TO 4 UNITS (0.04-0.08%)
COMPOSITION: C1-C4
MAXIMUM GAS: DEPTH 3474M (11,397FT), 56 UNITS (1.12%)
COMPOSITION: C1=5171 PPM: C2=780: C3=501: IC4=226:
NC4=143: C5=70
TRIP GAS: NIL
CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3506M (11,503FT), 13.3M/HR (43 FT/HR)
MINIMUM ROP: DEPTH 3487M (11,440FT), 1.2 M/HR (3.9 FT/HR)
AVERAGE ROP: 3.9 M/HR (12.8 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE: 1.4 - 2.1 DXC AVERAGE 1.85
SHALE DENSITY, RANGE: - AVERAGE
SHALE FACTOR, RANGE: - AVERAGE
TEMP OUT: 69.1 DEG C TEMP IN: 68.8 DEG C
MUD WT. IN: 9.6 PPG MUD WT. OUT: 9.6+ PPG ECD: 9.8 PPG
EST PORE PRESSURE: 8.7 PPG EMW EST FRACTURE PRESSURE: 15 PPG EMW

COMMENTS

ORGANIC PETROLOGY OF TILANA NO.1

DEPTH (M)	MEAN MAXIMUM REFLECTANCE (PERCENT)	PERCENT EXINITE IN COALS AND SHALE	COMMENTS
3147-3156	0.83+	10	VERY RARE OIL PRESENT
3237-3246	0.92	25	TRACE OIL
3291-3300	0.94	25	

RESINITE, BITUMINITE AND SUBERINITE ARE GAS-CONDENSATE PRONE AT THIS MATURITY, WHEREAS THE REMAINING EXINITES PRESENT ARE STILL OIL/PRONE.

REGARDS,
C.W. WARING
AMOCO AUSTRALIA PETROLEUM COMPANY

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TASROK AA58276