CONDITION MUD, 230 BBL, CO2 CONTAMINATED MUD
OBSERVED AT SURFACE. DID NOT DUMP ANY VOLUME.

450536

DAILY GEOLOGICAL REPORT

ORGANIC PETROLOGY

1. VITRINITE REFLECTANCE

DEPTH (M)	MEAN MAXIMUM REFLECTANCE (%)	STANDARD DEVIATION	RANGE	NUMBER OF DETERMINATIONS
3357-3366	0.96	0.09	0.78-1.19	32

2. BRIEF DESCRIPTION

2.1 LITHOLOGY
3357-66 30-40% SANDSTONE, 20-30% SHALE AND SILTSTONE, 20-30% COAL AND CARBONACEOUS SHALE, 5-10% CARBONATE.

2.2 PROPORTIONS OF MACERAL GROUPS

	VITRINITE	INERTINITE	EXINITE
3357-66 COAL AND CARBONACEOUS SHALE	80	5	15
SHALE AND SILTSTONE	25	65	10

3. COMMENTS

1/ A FEW SHALE FRAGMENTS CONTAIN APPROX 30% EXINITE (LAMALGINITE).
2/ BITUMEN OCCURS AS DISCRETE FRAGMENTS.

3/ DATA IN HAND TO DATE INDICATES THAT THE BASE OF THE OIL GENERATION WINDOW SHOULD OCCUR AT APPROX 4400 METRES DEPTH IN PELICAN-5.

PALYNOLOGY

3465-74 M : L. BALMEI ZONE, APPARENTLY UPPER, BUT COULD BE LOWER WITH CAVED INDICATORS FROM THE UPPER ZONE : PALEOCENE : NON-MARINE : PEAK MATURE

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