

TELEX MESSAGE TELEX MESSAGE

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RIG DOWN SCHLUMBERGER, MAKE UP BIT NO. 22, RIH, NO FILL, 450541
CIRCULATE AND CONDITION MUD AND HOLE FOR CASING, TREATING MUD
FOR CO2 CONTAMINATION, WORK BOTTOM FOR CST JUNK, INCREASING
MUD WT. TO 15 PPG, HAD APPROXIMATELY 200 BBLs OF CO2 CONTAMINATED
MUD (PH-10.4) ON BOTTOMS UP.

DAILY GEOLOGICAL REPORT
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PALYNOLOGY

- 3555-64 M : L. BALMEI ZONE : PALEOCENE : NON-MARINE : PEAK MATURE
SOME CAVING HAS OCCURRED, AS INDICATORS OF THE UPPER L.
BALMEI ZONE ARE STILL PRESENT
- 3636-45 M : LOWER L. BALMEI ZONE : SINGLE SPECIMEN OF T. CONFESSUS
INDICATES MINOR REWORKING FROM THE T.LONGUS ZONE OR OLDER
: PALEOCENE : NON-MARINE : FULLY MATURE

ORGANIC PETROLOGY

1. VITRINITE REFLECTANCE

DEPTH (M)	MEAN MAXIMUM REFLECTANCE(%)	STANDARD DEVIATION	RANGE	NUMBER OF DETERMINATIONS
3123-32	0.88	0.05	0.74-0.97	33
3473-83	0.99	0.07	0.85-1.14	34

2. BRIEF DESCRIPTION

2.1 LITHOLOGY

3123-32 CHIEFLY FINER-GRAINED SANDSTONE, 20-30% COAL, 10-20% SILTSTONE AND SHALE.

3474-83 CHIEFLY FINE-GRAINED SANDSTONE, 20-30% SILTSTONE AND SHALE, 15-20% COAL.

2.2 PROPORTIONS OF MACERAL GROUPS

DEPTH(M)		VITRINITE	INERTINITE	EXINITE
3123-32	COAL	75	5	20
	SILTSTONE	25	60	15
3474-83	COAL	75	5	20
	SHALE	65	15	20

3. COMMENTS

- 1. SOME COAL CUTTINGS COMPRISE APPROX 30% EXINITE (LARGELY SPORINITE, RESINITE AND CUTINITE).
- 2. CUTTINGS FROM 3474-83M CONTAIN VERY RARE EXSUDATINITE (MODERATE TO DULL ORANGE FLUORESCENCE) AND OIL (INTENSE YELLOW TO INTENSE ORANGE FLURESCENCE). A FEW CUTTINGS IN THIS SAMPLE ARE RICH IN LAMALGINITE (APPROX 20% - EQUIV TO LOW GRADE OIL SHALE)

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