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329551

LITHOLOGY SUMMARY

3702 - 3708M (12146-12165FT) DOM TUFF WITH MINOR SHALE  
 TUFF: WH - V LT GRY, ALT TO MOD FRESH, V F GR XTLN, MOD CALC, SFT.  
 SH: M TO DK BRN, CARB, NONCALC, SFT TO FIRM TO OCC V HD.

3708 - 3741M (12165-12273FT) BASALT: YEL-GRN TO GRN-GRY, CRYPTO TO MICROXTLN, EQUIGRAN, VAR FRESH AND ALTERED.

3741 - 3746.6M (12273-12292FT) SST: LT GRY WITH S AND P, SUPERFINE GR, SUBANG-SUBRND, V W SRT, TR-MOD WH CLY MTX, TR CALC CMT, TR MICA AND CARB MAT, V FRI TO OCC FIRM, 15-20% VIS POR.

GAS SUMMARY

BACKGROUND GAS: 5 UNITS (0.10%)  
 MAXIMUM GAS: DEPTH 3747M (12,292FT), 10 UNITS (0.2%)  
 COMPOSITION C1=1221: C2=43: C3=17  
 TRIP GAS: NO TRIP  
 CONNECTION GAS: NIL

RATES OF PENETRATION

MAXIMUM ROP: DEPTH 3745.7M (12289FT), 11.6 M/HR (38FT/HR)  
 MINIMUM ROP: DEPTH 3723.7M (12217FT), 1.8 M/HR (6 FT/HR)  
 AVERAGE ROP: 4 M/HR (12 FT/HR)

PRESSURE PARAMETERS

DXC, RANGE:	1.4 - 1.8	DXC AVERAGE	1.75
SHALE DENSITY, RANGE		AVERAGE	
SHALE FACTOR, RANGE		AVERAGE	
TEMP OUT:	57.5 DEG C	TEMP IN:	55.5 DEG C
MUD WT. IN:	9.8 PPG	MUD WT. OUT:	9.9 PPG
		ECD:	10.0 PPG
EST PORE PRESSURE:	8.7PPG EMW	EST FRACTURE PRESSURE	13.5 PPG EMW

COMMENTS

PALYNOLOGY OF TILANA - 1

3543-52 M : LEAN IN POLLEN, ABUNDANT COALY FRAGMENTS : APPARENTLY L. BALMEI, NOTHING OLDER SEEN : PALEOCENE : NON-MARINE : FULLY MATURE

3597-3606 M : LEAN IN POLLEN, ABUNDANT COALY FRAGMENTS : T. LONGUS ZONE : MAASTRICHTIAN : NON-MARINE : FULLY MATURE TO POST MATURE

REGARDS,  
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