DEPT. NAT. RES & ENV
PE603455

EXPLORATION LOGGING

DRILLING RATE AND DATA
☒ METER/HR
☐ MIN/METER

VISUAL POROSITY: GD. FAIR TR.

DEPTH: CORE TEST

LITHOLOGY

OIL: TRACE, GD. TRACE, FAIR, GOOD, V. GOOD

DRILLING MUD

CONTINUOUS DITCH GAS: OIL IN MUD TR. X FAIR XX GD. XXX; TOTAL GAS ____ (BACKUP SCALE = 10X); PETROL VAP ____ ____; 20 40 60 80 100

CHROMATOGRAPHIC ANALYSIS: METHANE ____ BUTANES ___4___; ETHANE ___2___ PENTANES ___5___; PROPANE ___3___ M=1000; 100 1M PPM IN AIR 10M 60M

CUTTINGS

CUT: FAIR GOOD

GAS: TOTAL GAS ____ (BACKUP SCALE = 10X); PETROL VAP ____ ____; 20 40 60 80 100

REMARKS AND LITHOLOGY DESCRIPTION

200 150 100 50

CONTROLLED DRILL RATE

3/11 THORNTON -WT
NB#3 HTC X3A 12¼"
359M/21HRS
40M LBS 120RPM
950PSI 60SPM
T4 B5 G¾"

900

TG 34U

50 100 100 1M 10M 60M

15% MICRITE AT 860M

CALCISILTITE, WH-LT GY, FRM-HD, CALC CMT, FOS FRAGS, LSE AND CMT INTO RK MAT, FORAMS, COR, SHELL DEB, TR GLAU TR CARB FLECKS

SG 1.09, V 34, F 26.0 FC 2, SD 1%, PH 9.7, CL 12,000, SOL 7%, OIL NIL

DEV AT 879M = 0°

RAN WIRELINE LOGS AT 879M, ISF-SONIC, FDC-GR-CAL

CALCISILTITE, LT GY, SFT-FRM, 5% DISM DK MAT GIVING SA AND PEPPER APPEARANCE, TR PY NOD TO GRNL SZ TR QTZ, TR FORAMS AND COR STEMS

CALCISILTITE, LT-M LT GY, FRM, BCM FINER GR, PRED F-M SLT, CLY IN PT, TR CARB FLECKS, LSE FORAMS, COR STEMS, FOS PT REPL BY PYR