DEPT. NAT. RES & ENV
PE603458

EXPLORATION LOGGING

DRILLING RATE AND DATA

☒ METER/HR
☐ MIN/METER

VISUAL POROSITY: GD. FAIR TR.

CORE TEST

DEPTH

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

100 75 50 25

1200

NOTES DRILL RATE SCALE CHANGE

40 30 20 10

THORNTON

NB#4 HTC X3A 12¼"
378M/32½HRS
40M LBS 160RPM
2800PSI 110SPM
T3 B8 G⅛"

TG 60/TRU

50 100 100 1M 10M 60M

2 1

SG 1.08, V 36, F NIL
FC 2, SD 1%, PH 10.5,
CL 8500, SOL 6%,
OIL NIL

CALCISILTITE, MED LT GY, SOFT TO FIRM, V CLAYEY SILT, TR CARB FLECKS, OCC LOOSE FORAMS

C = 3U AT W9.1 V34

CALCISILTITE, MED LT GY, FIRM, TR CARB FLECKS, TR PYR, OCC LOOSE FORAMS, CORAL STEMS & INDETERMINATE DEBRIS

DEV AT 1238M = 2¾°

SG 1.08, V 34, F 40,
FC 2, SD TR, PH 9.8,
CL 6000, SOL 6%,
OIL NIL