



INTEQ

Company : Nexus Energy

Well : Longtom-4

Interval : 2575.00 - 2754.86 meters

Created : 03/Aug/2008 5:40:48 AM

FORMATION EVALUATION LOG

Chromatograph Data

Methane ppm

10 | 100 | 1000 | 10000 | 100000

Ethane ppm

10 | 100 | 1000 | 10000 | 100000

Propane ppm

10 | 100 | 1000 | 10000 | 100000

iso-Butane ppm

10 | 100 | 1000 | 10000 | 100000

n-Butane ppm

10 | 100 | 1000 | 10000 | 100000

iso-Pentane ppm

10 | 100 | 1000 | 10000 | 100000

n-Pentane ppm

10 | 100 | 1000 | 10000 | 100000

Ditch Gas %

0.01 | 0.1 | 1 | 10 | 100

Analysis

LITHOLOGY DESCRIPTIONS

DIRECT FLUOR

Cuttings

INTERPRETED
LITHOLOGY

MD meters 1:500

Gamma Ray

40 | 80 | 120 | 160 | 200

ROP

200 | 160 | 120 | 80 | 40

m/hr

WEIGHT ON BIT

80 | 64 | 48 | 32 | 16

klbf

ROP BACKUP

300 | 280 | 260 | 240 | 220

m/hr

Set 273mm (10.75") casing at
2590.84 mMDRT

WOB: 11-39 klbf
RPM: 121-154
GPM: 1034-1082
SPP: 3625-3890 psi

24/07/2008

NB7: 241mm (9-1/2")
Make: Smith
Type: PDC/JY 2803
Jets: 7x16
Depth In: 2600.0 m
Depth Out: 2841.0 m
Drilled 241 m in 9.4hrs
Grade: 2-4 -BT-A-X-I-RO-CP

TVD: 2338.0m Incl: 52.52°

Wireline Logging:

Run #1 XPT-DS1

Run #2 MDT-GR

Run #3 CST-GR

Run #4 MDT-GR

13.5" hole section TD 2600.0m

CLYST: m-dk gy, occ bn gy, mod
frm-frm, occ sft, occ hd, sbblky-blky,
occ lams, grd to Slst

Drilled Longtom-4 P from 2600m -
2987m

FIT @ 2604 m with 11.95ppg
EMW: 14.0 ppg @ 818 psi

MW: 12.2 ppg FV: 125
PV: 44 YP: 34
Gels: 13/18/21
O/W: 52.0/24.0

MD: 2621.5m Azi: 182.84°
TVD: 2364m Incl: 53.72°

SST: pred lse qtz gr, trns-l-trnsp, off
wh, v lt gy-lt gy i/p, fri, vf-f, occ m gr,
sb ang-rnodd, prly-mod srt, occ wl srt,
arg mtrx, calc cmt, fr vis por, no shw

SLTST: v lt gy-lt gy, v sft-sft, occ frm,
sbblky-blky, grdg to vf SST

MD: 2651.3m Azi: 183.55°
TVD: 2381.6m Incl: 53.37°

CLYST: m gy-m lt gy, brnsh gy, occ
arnsh av, sft-frm, sbblkv-blkv, slt

