



INTEQ

Company : Nexus Energy

Well : Longtom-4 P

Interval : 2595.00 - 2852.08 meters

Created : 26/Jul/2008 4:40:25 AM

FORMATION EVALUATION LOG

Cuttings

INTERPRETED
LITHOLOGY

Chromatograph Data

Analysis

LITHOLOGY DESCRIPTIONS

DIRECT FLUOR

Calcimetry

Dolomite %

Methane ppm

Ethane ppm

Propane ppm

iso-Butane ppm

n-Butane ppm

iso-Pentane ppm

n-Pentane ppm

Ditch Gas %

MD meters 1:500

Gamma Ray

100

200

ROP

m/hr

WEIGHT ON BIT

klbf

ROP BACKUP

m/hr

24/07/2008

NB7: 242mm (9-1/2")

Make: Smith

Type: PDC/JY 2803

Jets: 7x16

Depth In: 2600.0 m

Depth Out: 2841.7 m

Drilled 241.7 m in 9.4hrs

Grade: X-X-XX-X-X-X-XX-XX

Drilled Longtom-4P from 2600m

FIT @ 2603 m with 12.0 ppg

EMW: 14.0 ppg @ 804 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, trnsI-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°

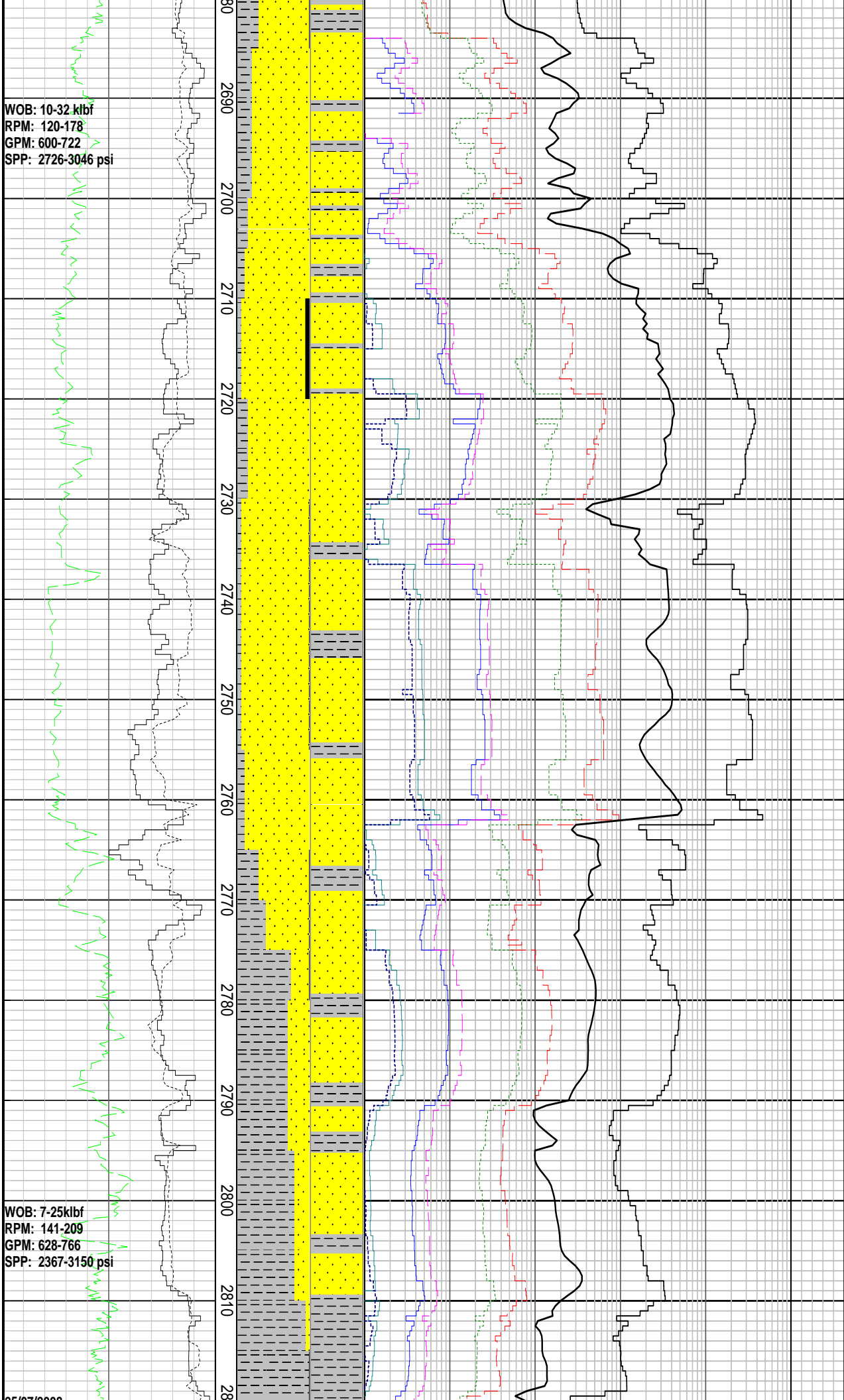
CLYST: m gy-m lt gy, brnsh gy, occ grnsh gy, sft-frm, sbblky-blky, slty

SST: lt gy-m lt gy, fri, vf-f gr, sb rnodd, prly-mod srt, arg mtrx, calc cmt, fr vis por, no shw

WOB: 10-32 klbf
RPM: 120-178
GPM: 600-722
SPP: 2726-3046 psi

WOB: 7-25klbf
RPM: 141-209
GPM: 628-766
SPP: 2367-3150 psi

05/07/2000



MD: 2681m Azi: 184.22°
TVD: 2399.5m Incl: 52.5°

SST: lt gy-v lt gy, occ m lt gy-m gy, lse-fri, frm i.p., f- m gr, occ crs gr, sb rndd-rndd, mod-wl srt, arg mtrx, calc cmt, occ Sil cmt, occ carb Stk, fr vis por, no shw

MD: 2711.02m Azi: 184.51°
TVD: 2418m Incl: 51.43°

SST: pred lse Qtz gr, trnsi-trnsp, off wh, brnsh wh, fri i/p, f-m gr, occ crs-v cse gns, sbang-sbrndd, prly-mod srt, arg matx, tr green & blk lith, tr carb mat, fr vis por

MD: 2740.27m Azi: 184.48°
TVD: 2436.4m Incl: 50.60°

CLYST: m gy-dk gy, occ gysh blk, frm-mod hd, sbblkyl-blky, occ along, abt carb mat, occ grdg to Slst

MD: 2770m Azi: 184.85°
TVD: 2455.5m Incl: 50.01°

SST: pred lse Qtz gr, trnsi-trnsp, lt gy, brnsh wh, fri i/p., f-m gr, occ crs-v cse gr, sbang-sbrndd, prly-mod srt, arg mtrx, tr gn & blk lith, tr carb mat, fr vis por

MD: 2798m Azi: 183.57°
TVD: 2474.2m Incl: 47.70°

CLYST: m gy-m dk gy, frm, blkyl, rr sb fiss i/p, rr carb mat i/p, grd to SILTSTONE i/p

