



Company : Lakes Oil N.L.

Well : Wombat-4

Interval : -17.00 - 2510.66 meters

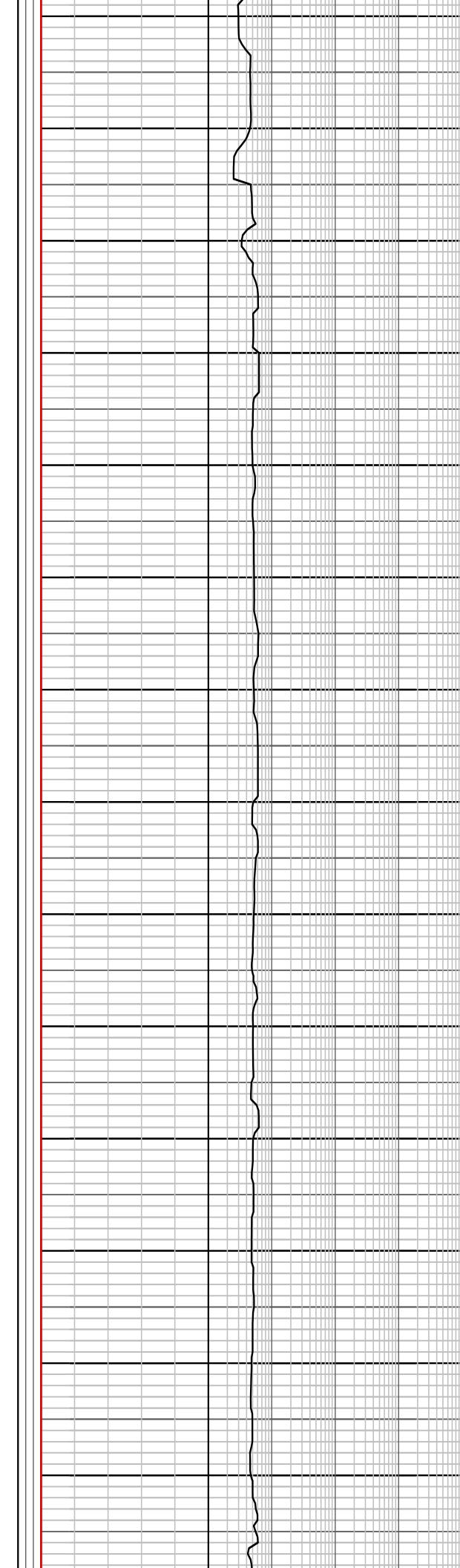
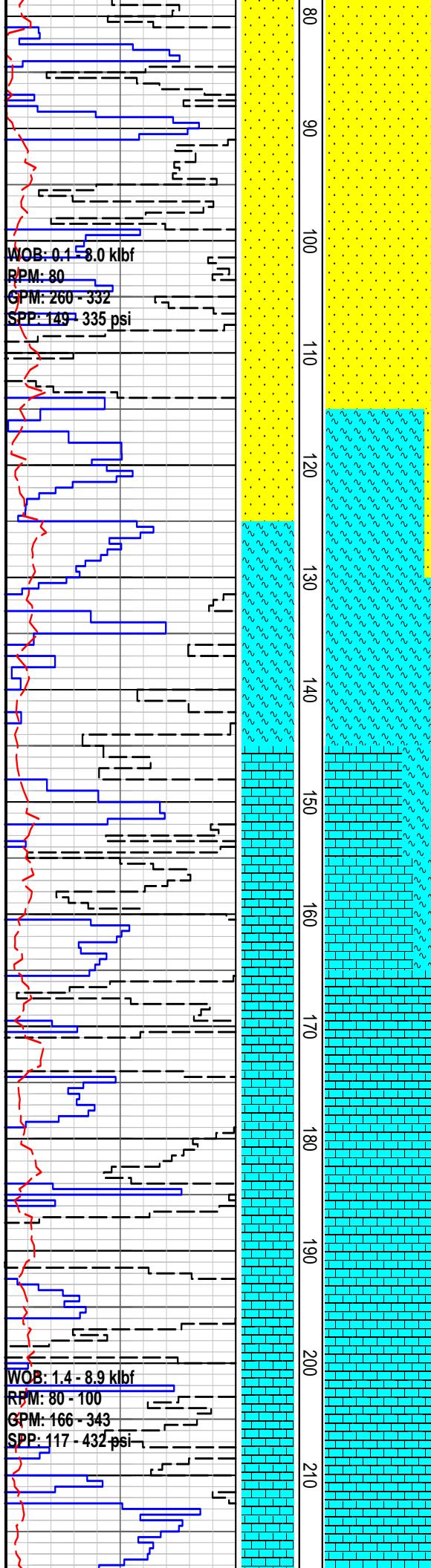
INTEQ

Created : 30/Nov/2009 2:23:25 AM



FORMATION EVALUATION LOG

RATE OF PENETRATION		LITHOLOGY	TOTAL GAS		CHROMATOGRAPH		REMARKS
ROP (0-100m/hr)	Backup ROP (100-200m/hr)		OIL SHOWS	CORE	TOTAL GAS	Methane ppm	
100 80 80 20 80 80 80 80 80 10	200 180 180 170 160 150 140 130 120 110	WOB (kib)	MD meters 1:500	20 40 60 80 100 unit	Ethane ppm	10000	
5 10 15 20 25 30 35 40 45 50			INTERRUPTED	200 460 640 820 1000 unit	Propane ppm	10000	
			LITHOLOGY		iso-Butane ppm	10000	
					n-Butane ppm	10000	
					iso-Pentane ppm	10000	
					n-Pentane ppm	10000	
					10 100 1000 10000		
							All Depths are Recorded in Meter from RT
							RT - GL: 3.65m
							340mm (13-3/8") casing shoe at 15.65mMD
							SANDSTONE: It m yel or, v f-crs, dom m, sbang-rnd, pr srt, n cmt, tr yel or arg &slt mtrx, qtz, clr-mky qtz gr w/yel-brn Fe ox stn, tr blk c detr, uncons, v f por, n fluor
							MW 8.60 FV 42
							SILTY CLAYSTONE: m gry, abd disp f-v crs qtz sd gr, v sft, v disp, stky, n fiss
							SANDSTONE: It gry, v f-v crs, dom m, sbang-rnd, dom rnd, pr srt, n cmt, com-abd m gry arg &slt mtrx, quartzose w/clr-op qtz gr w/gry brn stn, com gry-blk & brn cht lit, com crs clr detr, uncons, v gd inf por, n fluor



MW 9.20 FV 48 PV 10 YP 23
 Gels 5/7 F n/c Ck - Sol 6.1
 pH 10.0 Cl 1100

CALCARENITE: It gry-lt brn gry, f-m gr, wk calc cmt, abd foss frags incl bry, forams, shell frags, mod argill, tr-com v f-f qtz gr, rr m gn glauc, p vis por, n fluor

CALCARENITE: It gry-lt brn gry, rr lt gn gry, f-m gr, wk calc cmt, abd foss frags incl bry, forams, shell frags, sli argill, rr v f-f qtz gr, rr m gn glauc, p vis por, n fluor

244mm (9-5/8") casing shoe at 299mMD

TG: 0.04unit @ 302m
MW: 8.4ppg EMW: 12.8ppg

CALCARENITE: It gry-lt brn gry, rr lt gn gry, f-m gr, wk calc cmt, abd bry, forams, shell frags, mod argill, rr-com v f-f qtz gr, tr gn glauc gn glauc, p vis por, n fluor

MW 9.50 FV 54 PV 16 YP 21
Gels 7/9 F n/c Ck - Sol 8.2
pH 10.0 Cl 1100

CALCARENITE: It gry-lt brn gry, rr lt gn gry, f-m gr, wk calc cmt, abd bry,

WOB: 0.4 - 8.3 klf
RPM: 80 - 100
GPM: 300 - 326
SPP: 403 - 491 psi

18 Oct 09

21 Oct 09

NB 2216mm (8-1/2")

Reed NDO593

Jets: 3x14

In: 302m Out: 1184m

Drilled: 882m in 61.2hrs

gn gry, f-m gr, wk calc cmt, abd bry
forams, shell frags, mod argill, rr v f-f
qtz gr, tr gn glauc, p vis por, n fluor

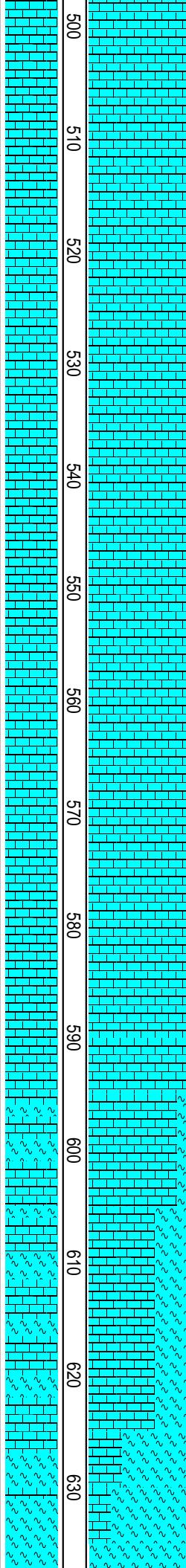
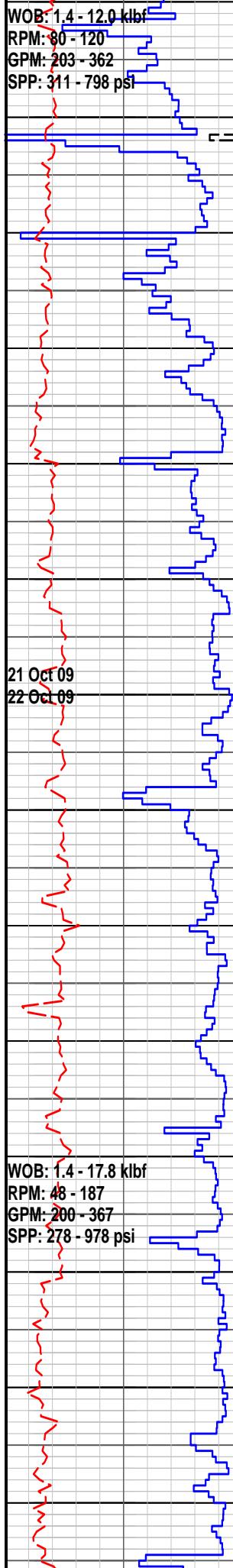
MW 8.70 FV 43 PV 9 YP 18
Gels 2/4 F 11.9 Ck 1.0 Sol 1.5
pH 10.0 Cl 15.0k

WOB: 1.4 - 9.0 kbar
RPM: 80 - 120
GPM: 213 - 310
SPP: 165 - 598 psi

CALCARENITE: off wh-lt m gry-lt brn
gry, f-m gr, wk-mod strong calc cmt,
abd bry, forams, shell frags, mod
argill, rr v f-f qtz gr, tr gn glauc, p vis
por, n fluor

CALCARENITE: off wh-lt m gry-lt brn
gry, f-m gr, wk-mod strong calc cmt,
abd bry, forams, shell frags, n-mod
argill, rr v f-f qtz gr, tr gn glauc, p vis
por, n fluor

Survey at 472m
N25degE
2 degs



CALCARENITE: off wh-lt m gry-lt brn
gry, f-m gr, wk-mod strong calc cmt,
abd bry, forams, shell frags, mod
argill, rr v f-f qtz gr, tr gn glauc, p vis
por, n fluor

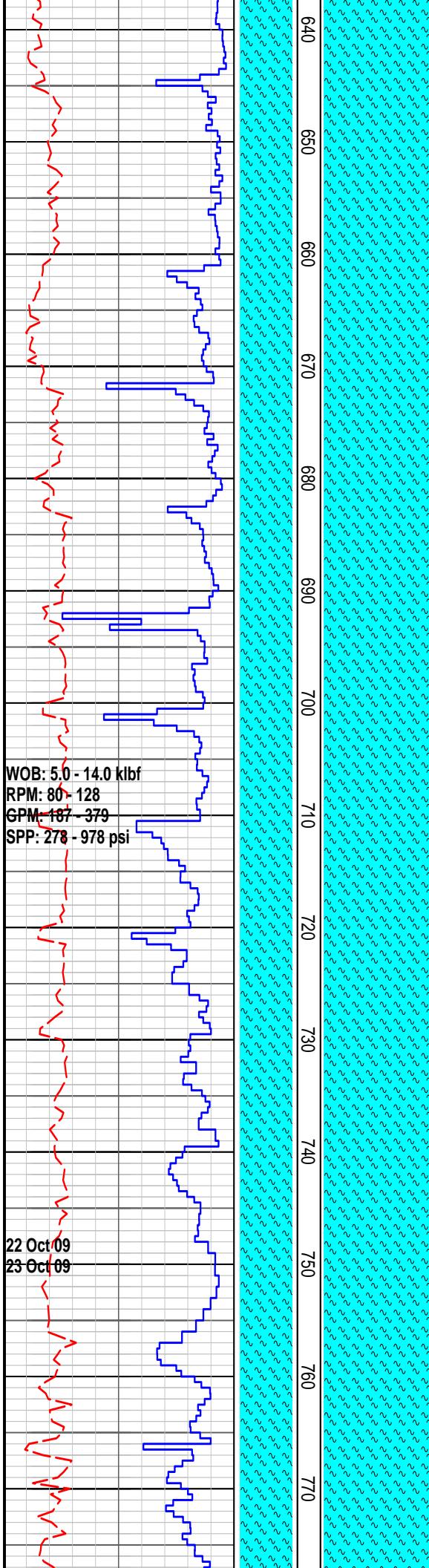
MW 8.90 FV 43 PV 11 YP 19
Gels 4/6 F 11.1 Ck 1.0 Sol 3.0
pH 9.5 Cl 17.0k

CALCARENITE: off wh-lt m gry-lt brn
gry, f-m gr, wk-strong calc cmt, com
bry, tr echinoid spines, forams & shell
frags, n-mod argill, rr v f-f qtz gr,
tr-com gn glauc, fri, v p vis

MARL: m gry-m brn, v calc grd to
CLCLT, tr foss frags, sft, stky, n fiss

CALCILUTITE: lt gry-m gry-m lt gry,
sli-v argill, grd i/p to MRL, oft v f
calcerenitic, grd CLCAR, tr foss frags,
sft, stky, n fiss

MW 9.0 FV 42 PV 10 YP 18
Gels 4/6 F 11.1 Ck 1.0 Sol 3.5
pH 9.5 CI 19.0k



MARL: v lt-m gry-gn gry-brn gry, v calc grd i/p to off wh argil calc CLCLT tr foss frags, sft, stky, n fiss

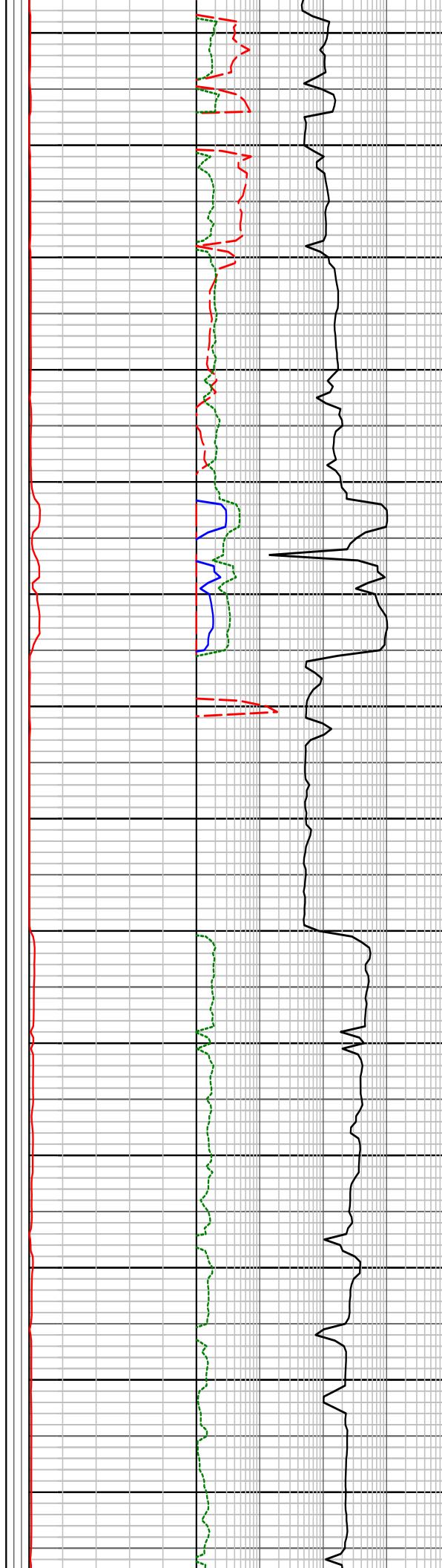
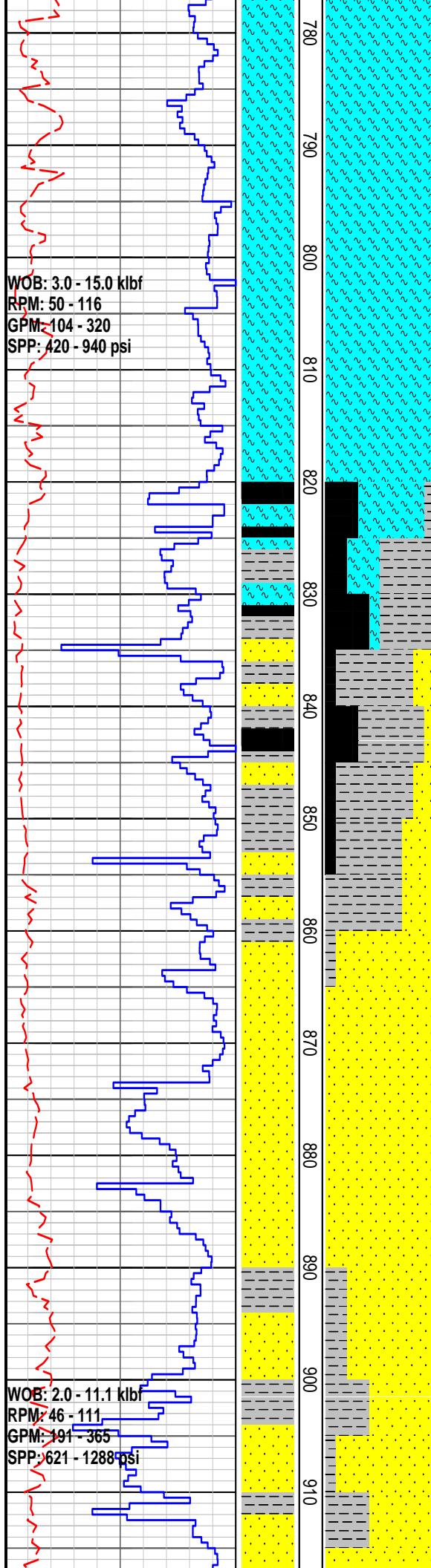
Survey at 687m
N86degE
2 degs

Run Carbide at 699m
MW: 9.0ppg Vis: 41
Average hole size: 8.90inch

MARL: v lt-m gry-gn gry-brn gry, occ lt-m brn gry, mod-v calc, tr foss frags, sft, stky, n fiss

MW 9.05 FV 42 PV 9 YP 21
Gels 3/5 F 10.6 Ck 1.0 Sol 3.9
pH 9.5 CI 19.0k

MARL: lt-m gn gry-lt m gry, mod-v calc, tr foss frags, sft, stky, n fiss



Survey at 917m
N50degE
3 degs

SANDSTONE: It brn gry, vf-v crs, dom m-crs, sbang-rnd, p srt, wk sil cmt, tr-com It brn argill & slt mtrx, quartzose w/clr-op qtz gr w/mnr brn stn, tr gr gry & blk cht lit, tr blk c detr, fri, gd-v gd inf por, n fluor

MW 9.7 FV 41 PV 10 YP 19
Gels 3/5 F 9.8 Ck 1.0 Sol 6.9
pH 9.0 Cl 21.0k

CLAYSTONE: m-dk brn, sli silt & f aren i/p, mod-v carb, tr blk c flks, sft, v disp, n fiss

COAL: m brn-blk, irr-blky frac, ea lstr, sli-dom v argill, tr amb, frm-mod hd

CLAYSTONE: m-dk brn, sli silt & f aren, mod-v carb, tr blk c flks, sft, v disp, n fiss

COAL: m brn-blk, irr-blky frac, ea lstr, sli-dom v argill, tr amb, frm-mod hd

23 Oct 09
24 Oct 09

WOB: 0.5 - 11.9 klfbf
RPM: 14 - 141
GPM: 150 - 355
SPP: 364 - 1233 psi

COAL: m brn-blk, irr-blky frac, ea lstr sli-dom v argill, tr amb, frm-mod hd

Survey at 1079m
N88degE
3 degs

SANDSTONE: lt brn gry, vf-pbl, dom m-crs, sbang-rnd, v p srtd, wk sil cmt, com lt brn argill &slt mtrx, qtz w/clr-op quartzose gr w/mnr or brn stn, tr gn gry & blk cht lith, tr-com blk c detr, fri, g inf por, n fluor

COAL: m brn-dom blk, irr-blky frac, ea-sbvt lstr, sli-v argill, tr amb, mod hd. The Coal has no natural fluor but gives a wk dull lt yel rn crsh cut fluor

The amb has mod bri sol lt-m yel natural fluor and gives a wk v slo strmg lt yell cut fluor

MW 9.75 FV 42 PV 9 YP 20
Gels 3/6 F 9.4 Ck 1.0 Sol 5.9
pH 8.5 Cl 18.0k

MW 10.1 FV 47 PV 16 YP 23
Gels 4/6 F 8.0 Ck 1.0 Sol 8.8
pH 8.5 Cl 20.0k

SANDSTONE: v lt gry-lt brn gy, v f-gt, dom m-crs, ang-sbrnd, v p srtd, wk sil cmt, com wh-lt brn argill &slt mtrx, quartzose w/clr-op qtz gr, tr gn gry & blk cht lith, tr-com blk c detr, fri, gd inf por, no fluor

CLAYSTONE: wh-m brn, vslt & v aren i/p, kao i/p, sli-mod carb, tr blk c flks, tr micrmic, frm, v disp & washing f/spl, n fiss

TG: 0.82unit @ 1184m

MW 10.1 FV 48 PV 16 YP 24
Gels 4/6 F 8.0 Ck 1.0 Sol 8.3
pH 8.5 Cl 20.0k

WOB: 0.5 - 9.1 klf
RPM: 31 - 121
GPM: 215 - 332
SPP: 287 - 1234 psi

24 Oct 09
25 Oct 09

25 Oct 09

26 Oct 09

RB3 216mm (8-1/2")

Reed HP219

Jets: 3x14

In: 1184m Out: 1366m

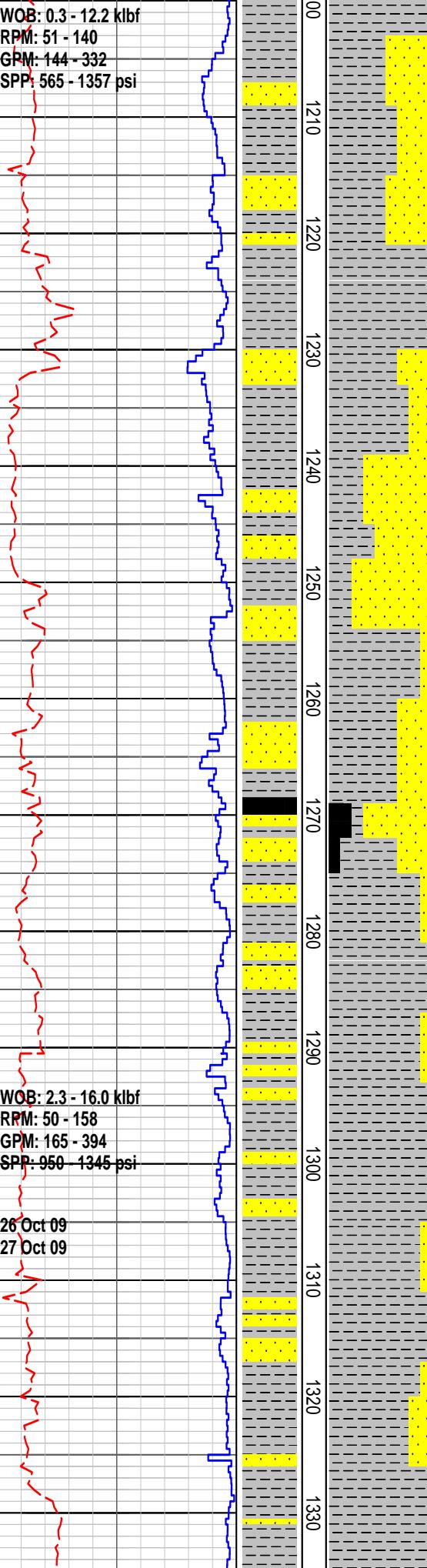
L. 184m Cut. 100cm
Drilled: 182m in 35.9hrs

WOB: 0.3 - 12.2 klf

RPM: 51 - 140

GPM: 144 - 332

SPP: 565 - 1357 psi



SANDSTONE: v lt gry-lt brn gy, v f-v crs, dom m-crs, ang-sbrnd, v p srtd, mod sil cmt, com-abd wh-lt brn argill & silt mtrix, quartzose w/clr-op qtz gr, rr gn & blk cht lith, tr blk c detrit, fri-mod hd, fr-gd inf por, no fluor

CLAYSTONE: off wh-m brn, v silt & v aren, v kao i/p, sli carb, tr blk c flks, tr micrmic, frm-mod hd, v disp, n fiss

MW 10.3 FV 47 PV 15 YP 29
Gels 7/9 F 7.8 Ck 2.0 Sol 9.2
pH 8.5 CI 17.0k

COAL: v dk brn-dom blk,
blk-sbconch frac, ea-sli sbvit lstr,
sli-m argill, mod hd

CLAYSTONE: off wh-m brn, v silt & v f aren, v kao i/p, sli carb, tr blk c flks, tr micrmic, rr pyr, frm-mod hd, v disp, n fiss

MW 10.35 FV 54 PV 20 YP 34
Gels 7/10 F 7.0 Ck 2.0 Sol 10.0
pH 8.5 CI 18.0k

SANDSTONE: v lt gry-lt brn gy, v f-gt, dom m, ang-sbrnd, v p srtd, mod sil cmt, abd off wh-lt brn argill & silt mtrix, quartzose w/clr-op qtz gr, rr gn & blk cht lith, tr blk c detrit, tr pyr, mod hd, fr inf por, no fluor

CLAYSTONE: off wh-m brn, v silt & v aren, v kao i/p, sli carb, tr blk c flks, tr micrmic, frm-mod hd, v disp, n fiss

CLAYSTONE: off wh-m brn, dom lt brn, v silt & v f aren, v kao i/p, sli carb, tr blk c flks, tr micrmic, tr pyr, mod hd, v disp, sli sbfiss

Survey at 1354m
N60degE
1.5 degs

CLAYSTONE: off wh-m gn gry-m brn gry, mod slyt, tr vf off wh alt fspr gr, tr brn-blk carb spks, tr micrmic, sft, v disp, sli sbfiss

Run#1 HALS - BHC - PEX
1361 - 299m
GR to Surface

178mm (7") casing shoe
at 1376mMD

SANDSTONE: lt gry, vf-f, occ m, dom f, sbang-sbrnd, mod srt, wk sil cmt, abd off wh argill & mtrx, abd alt fspr gr, com rd brn gry & gn, lith, tr qtz gr, tr c brn mic flk, tr v f blk carb det, tr pyr, fri, v p vis por, no fluor

Formation L.O.T. @ 1382m
MW: 9.8ppg EMW: 13.1ppg

CLAYSTONE: off wh-m gn gry-m gry, occ m brn gry, mod slyt, tr v f off wh alt fspr gr, tr brn-blk carb spks, tr micrmic, frm, v disp, sli sbfiss

MW 10.0 FV 42 PV 10 YP 22
Gels 4/7 F N/A Ck 35.0 Sol 9.5
pH 9.5 Cl 16.8k

SANDSTONE: lt gry-lt gn gry, v f-rr m, dom f, dom f, sbang-sbrnd, mod srt, mod sil cmt, wk calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, 10% qtz gr, tr crs brn mic flks, tr v f blk carb det, tr pyr, fri, v p vis por, no fluor

DST #1 1383m - 1478m
IF 15 min
ISI 90 min
FF 180 min
ECL 540 min

RB4 216mm (8-1/2")

Reed TD4 AKP3

Jets: 3x14

In: 1366m Out: 1378m

Drilled: 12.0m in 1.3hrs

27 Oct 09
28 Oct 09

28 Oct 09
31 Oct 09

NB5 156mm (6-1/8")

Smith MDi613

Jets: 3x12

In: 1378m Out: 1478m

Drilled: 100m in 5.9hrs

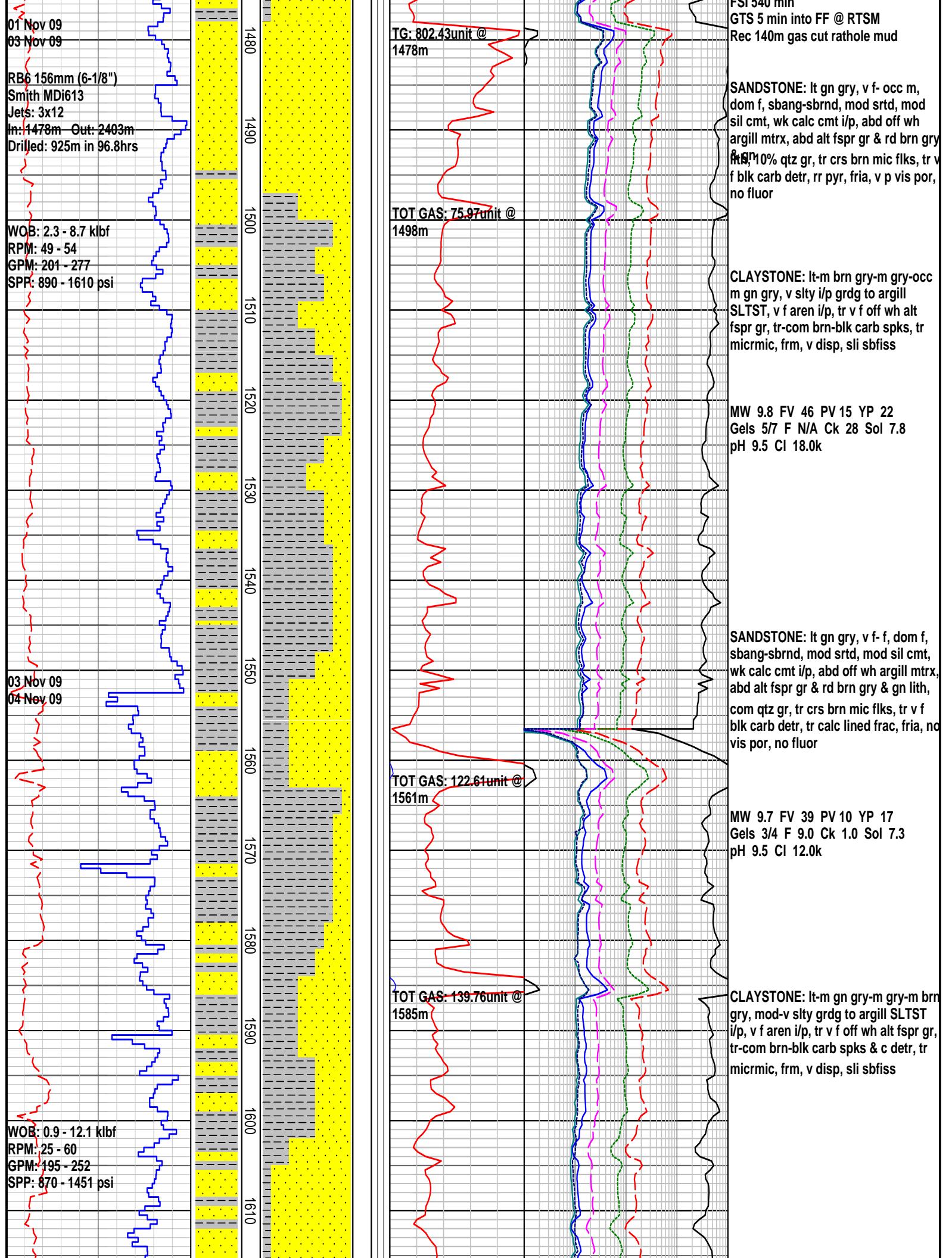
WOB: 2.6 - 6.5 klf

RPM: 40 - 50

GPM: 221 - 332

SPP: 960 - 1060 psi

31 Oct 09
01 Nov 09



SANDSTONE: It gn gry, v f-m, dom m, sbang-sbrnd, mod srtd, mod sil cmt, wk calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, com qtz gr, tr crs brn mic flks, tr blk c detr, fria, no vis por, no fluor

SANDSTONE: It gn gry, v f-m, dom f, sbang-sbrnd, mod srtd, mod sil cmt, mod-strong calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, com qtz gr, tr crs brn mic flks, tr blk c detr, rr calc infilled frac, fria, p vis por, no fluor

MW 9.75 FV 42 PV 13 YP 22
Gels 3/5 F 7.5 Ck 1.0 Sol 7.6
pH 9.5 Cl 10.5k

CLAYSTONE: lt-m gn gry-m gry-m brn gry, mod-v slty grdg to argill SLTST i/p, v f aren i/p, tr v f off wh alt fspr gr, tr-com brn-blk carb spks & c detr, tr micrmic, tr calc infilled frac, frm-mod hd, v disp, sli sbfiss

SANDSTONE: It gn gry, v f-f, dom f, sbang-sbrnd, mod srtd, mod sil cmt, mod-strong calc cmt i/p, abd off wh argill mtrx, abd alt fspr gr & rd brn gry & gn lith, com qtz gr, tr crs brn mic flks, tr blk c detr, rr calc infilled frac, fria, p vis por, no fluor

CLAYSTONE: lt-m gn gry-m gry-m brn gry, mod-v slty grdg to argill SLTST i/p, v f aren i/p, tr v f off wh alt fspr gr, tr-com brn-blk carb spks & c detr, tr micrmic, rr calc infilled frac,

WQB: 1.2 - 15.6 klf
RPM: 14 - 56
GPM: 189 - 248
SPP: 1010 - 1540 psi

frm-mod hd, v disp, sli sbfiss

Survey at 1768m
N340degS W
4 degs

CLAYSTONE: lt-m gn gry-m gry-m brn
gry, mod-v slty grdg to argill SLTST
i/p, v f aren i/p, tr v f off wh alt fspr gr,
tr brn-blk carb spks & c detr, tr
micrmic, tr calc infilled frac, frm-mod
hd, v disp, sbfiss

MW 9.9 FV 44 PV 14 YP 21
Gels 2/4 F 8.0 Ck 1.0 Sol 8.7
pH 9.5 Cl 10.0k

SANDSTONE: lt gn gry-m gn, v f-m,
dom f, sbang-sbrnd, mod srtd, mod
sil cmt, mod calc cmt i/p, com-abd off
wh-m gn argill mtrx, abd alt fspr gr &
rd brn gry & gn lith, com qtz gr, tr crs
brn mic flks, tr blk c detr, tr calc
infilled frac, fria, fr vis por, no fluor

TOT GAS: 379.16 unit @
1834m

SANDSTONE: off wh-lt gn gry-lt pk, v
f-f, dom f, sbang-sbrnd, mod srtd,
strong sil cmt, mod calc cmt i/p, abd
off wh-m gn argill mtrx, abd wh & pk
fspr gr, com gn rd brn gry & blk lith, tr
qtz gr, tr crs gn brn mic flks, tr blk c
detr, tr calc infilled frac, hd, no vis
por, no fluor

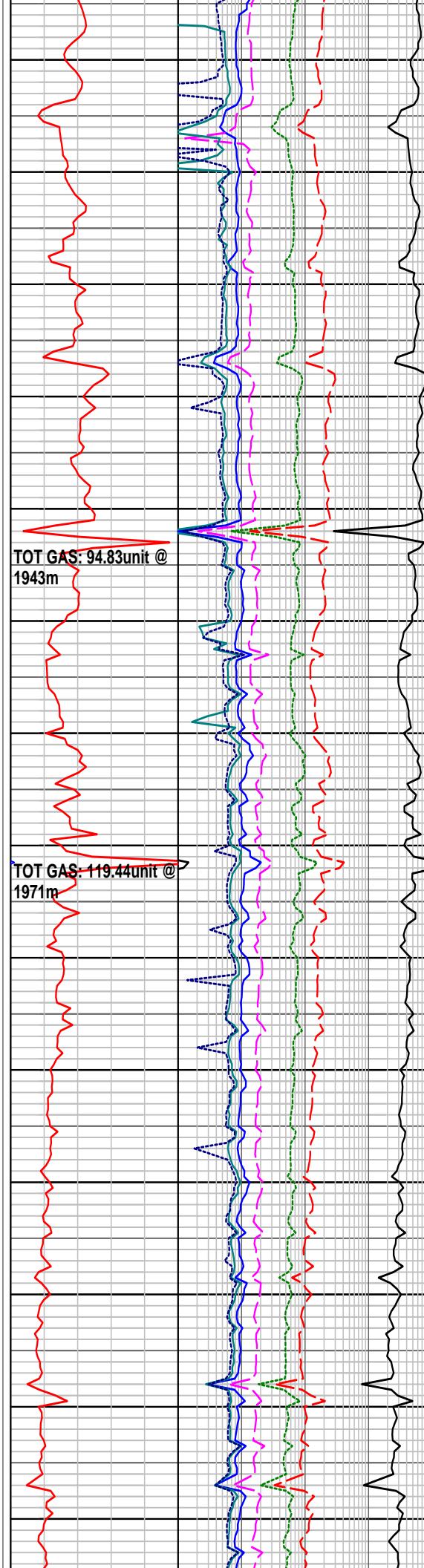
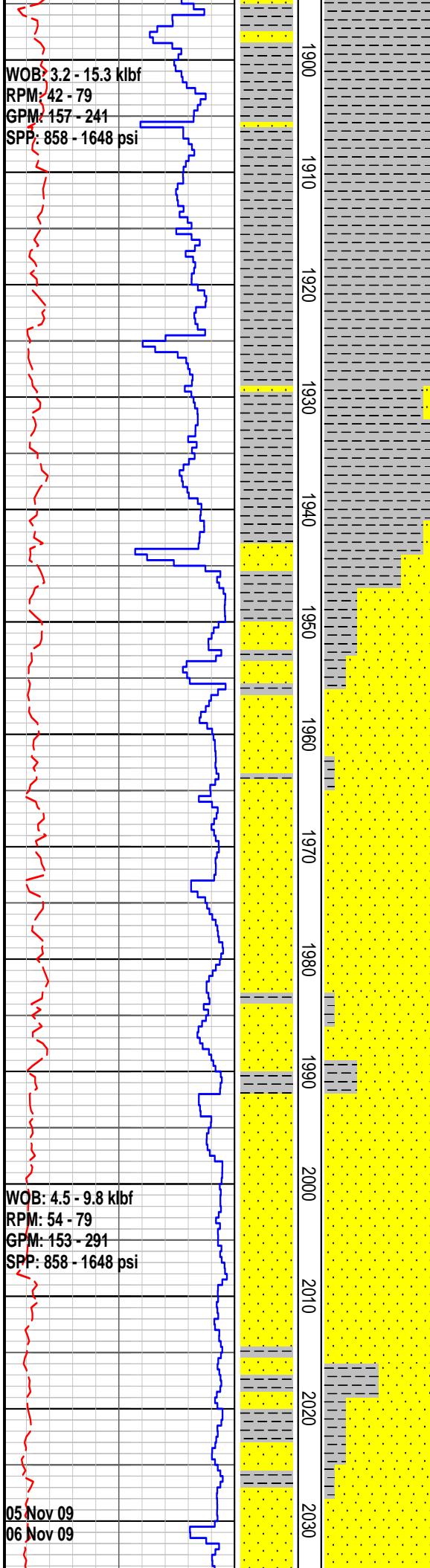
WOB: 4.7 - 9.9 klf
RPM: 45 - 62
GPM: 162 - 244
SPP: 830 - 1650 psi

04 Nov 09
05 Nov 09

WOB: 3.2 - 15.3 klf
RPM: 42 - 79
GPM: 157 - 241
SPP: 858 - 1648 psi

WOB: 4.5 - 9.8 klf
RPM: 54 - 79
GPM: 153 - 291
SPP: 858 - 1648 psi

05 Nov 09
06 Nov 09



CLAYSTONE: lt-m gn gry, occ m gn gry-m brn gry, mod-v slty grdg to argill SLTST i/p, v f aren i/p, tr-com v f off wh alt fspr gr, tr brn-blk carb spks & c detr i/p, tr-com micrmic, rr calc infilled frac, mod hd, v disp, sbfiss

MW 10.0 FV 41 PV 12 YP 18
Gels 3/4 F 8.5 Ck 1.0 Sol 9.6
pH 9.0 Cl 10.0k

TOT GAS: 94.83 unit @ 1943m

TOT GAS: 119.44 unit @ 1971m

SANDSTONE: off wh-lt gn gry, v f-m, dom f, sbang-sbrnd, mod srtid, strong sil cmt, mod calc cmt i/p, abd off wh-occ pk argill mtrx, abd wh & occ pk fspr gr, com gn rd brn gry & blk lith, tr qtz gr, tr crs gn brn mic flks, tr blk c detr, tr calc & rd min vn, hd, no vis intgran por, no fluor

CLAYSTONE: lt-m gry-occ m brn gry, mod-v slty, v f aren i/p, tr-com v f off wh alt fspr gr, tr -com brn-blk carb spks & c detr, tr-com micrmic, tr calc & rd min infilled frac, com slick, mod hd, v disp, sbfiss

MW 9.8 FV 39 PV 13 YP 14
Gels 2/4 F 11.5 Ck 1.0 Sol 8.3
pH 8.5 Cl 10.0k

SANDSTONE: off wh-lt gn gry-lt pk gry, v f-occ m, dom f, sbang-sbrnd,

mod srtd, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & occ pk fspr gr, com gn rd brn gry & blk lith, 10% qtz gr, tr gn brn mic flks, rr blk c detr, tr calc & rd min vn, hd, no vis intgran por, no fluor

CLAYSTONE: m gn gry-m gry-m brn gry, mod-v slty, v f aren i/p, tr-com v f off wh alt fspr gr, tr -com brn-blk carb spks & c detr, com micmic, tr calc & rd min infilled frac, com slick, mod hd, v disp, sbfiss

SANDSTONE: off wh-lt gn gry, lt pk gry, v f-occ m, dom f, sbang-sbrnd, mod srtd, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, 10% qtz gr, tr gn brn mic flks, com-abd blk c detr, tr calc & rd min vn, hd, no vis intgran por, no fluor. The COAL has no fluor but gives a mod brt slow stmg-crush milky wh cut fluor

Survey at 2105m
12 degs

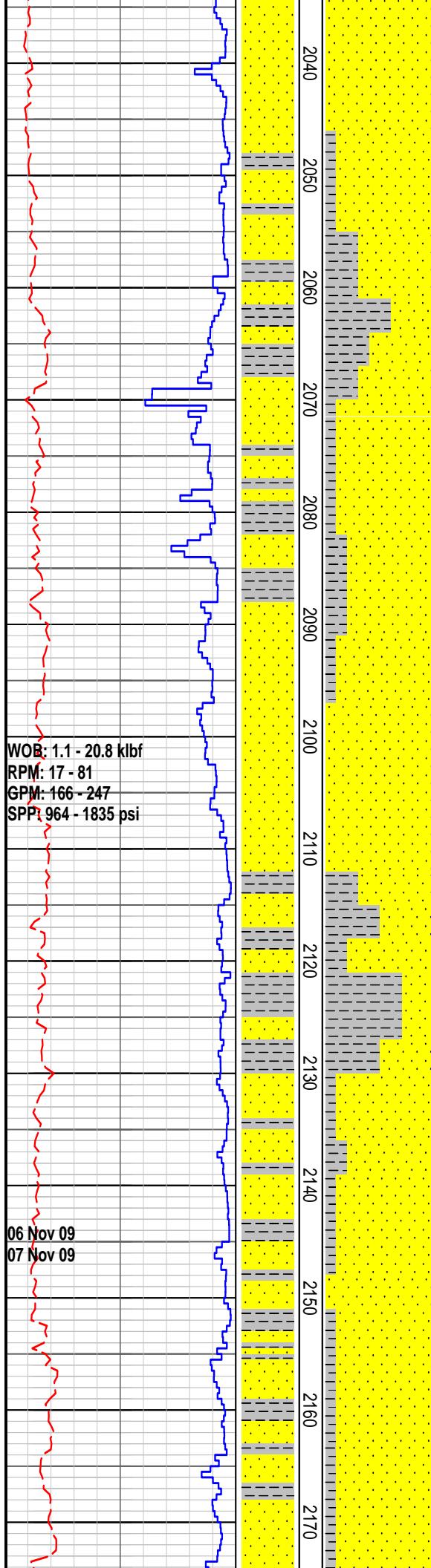
CLAYSTONE: m gry, occ m gn gry-m brn gry, mod-v slty, v f aren i/p, tr-com v f off wh alt fspr gr, com brn-blk carb spks & c detr, com micmic, tr calc infilled frac, com slick, mod hd, v disp, sbfiss

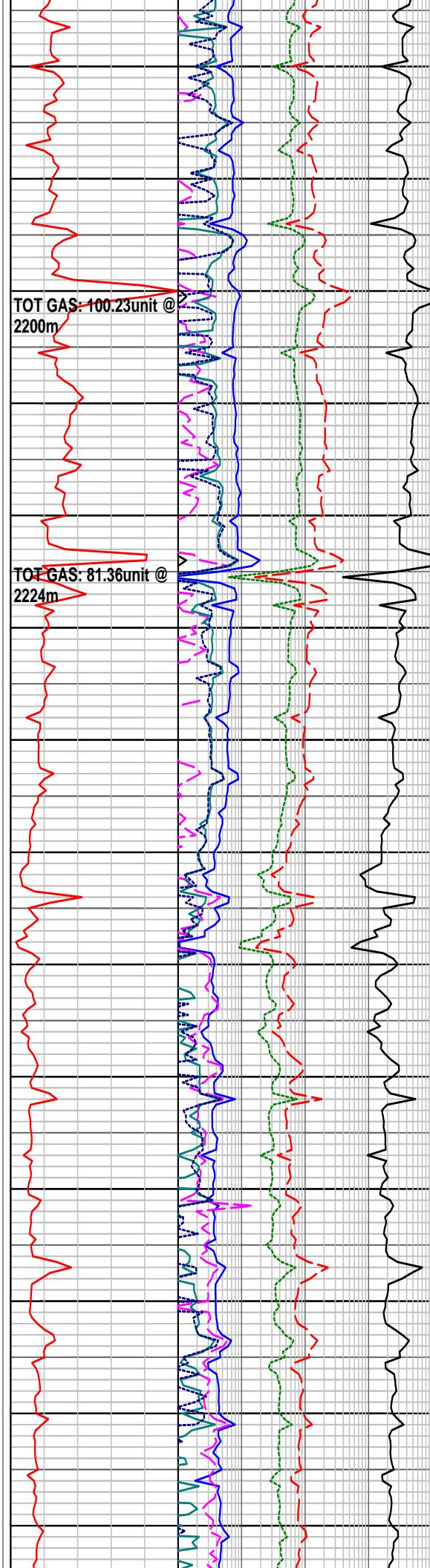
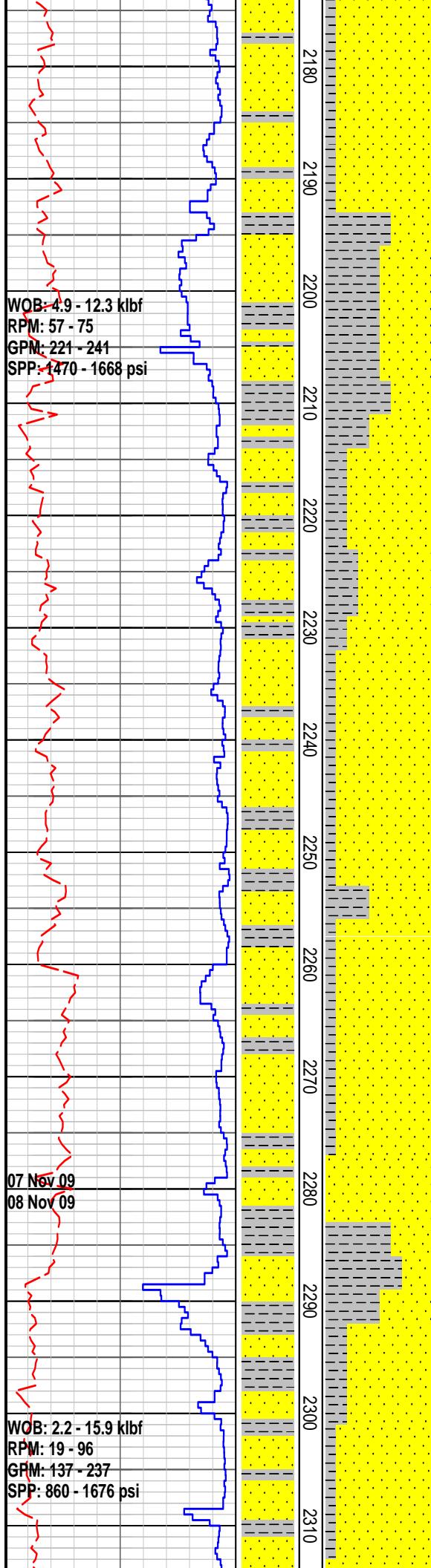
MW 9.4 FV 34 PV 7 YP 14
Gels 3/7 F 25.6 Ck 2.0 Sol 5.6
pH 8.3 CI 7.0k

SANDSTONE: off wh-lt gn gry, lt pk gry, v f-occ m, dom f, sbang-sbrnd, mod srtd, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, 10% qtz gr, tr gn brn mic flks, com-abd blk c detr, com calc & rd min vn, hd, no vis intgran por, no fluor

WOB: 1.1 - 20.8 klf
RPM: 17 - 81
GPM: 166 - 247
SPP: 964 - 1835 psi

06 Nov 09
07 Nov 09





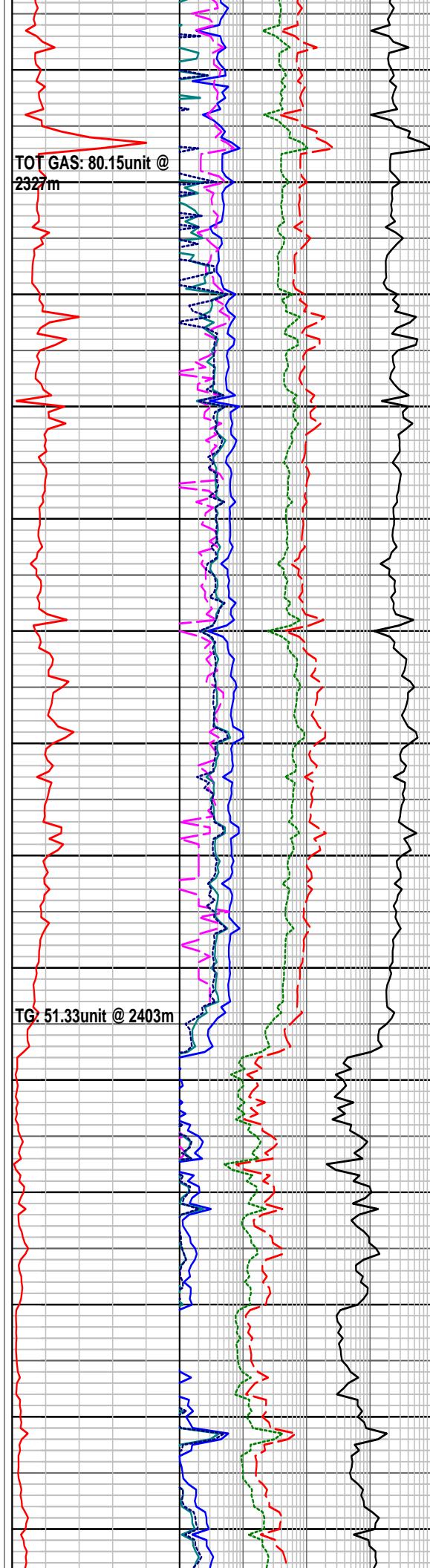
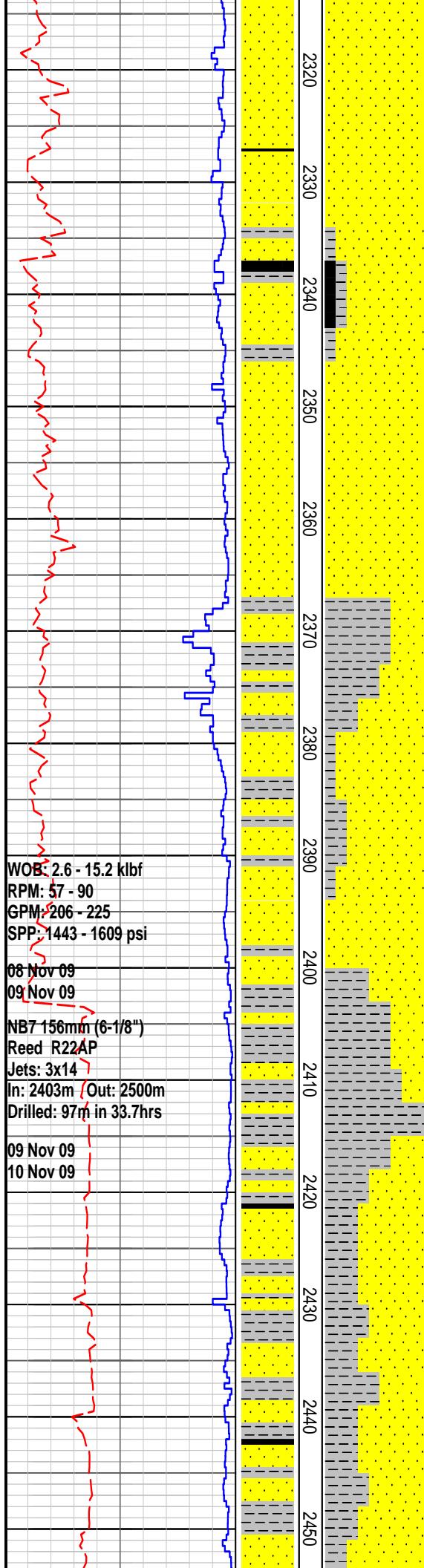
SANDSTONE: off wh-lt gn gry, lt pk gry, v f-occ m, dom f, sbang-sbrnd, mod srted, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, com qtz gr, tr gn brn mic flks, com-abd blk c detr, com calc & rd min vn, hd, no vis intgran por, no fluor

SANDSTONE: off wh-lt gn gry, lt pk gry, v f-occ m, dom f, sbang-sbrnd, mod srted, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, com qtz gr, tr gn brn mic flks, com-abd blk c detr, com calc & rd min vn, hd, no vis intgran por, no fluor

Survey at 2235m
N340degsW
18.50 degs

CLAYSTONE: m gry-m gn gry, mod-v sity, v f aren i/p, tr-com v f off wh alt fspr gr, tr brn-blk carb spks & c detr, com micrmic, tr calc & rd min infilled frac, com slick, hd, v disp, sbfiss

SANDSTONE: off wh-lt gn gry, lt pk gry, v f-rr m, dom f, sbang-sbrnd, mod srted, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, com qtz gr, tr-com blk c detr, tr calc & rd min vn, hd, no vis intgran por, no fluor



COAL: blk, ea-vit, pty frac, sli argill, hd, brit. The c has no natural fluor but gives a mod brt slow stmg-crush mky wh cut fluor

SANDSTONE: off wh-lt gn gry, lt pk gry, v f-rr m, dom f, sbang-sbrnd, mod srtd, strong sil cmt, strong calc cmt i/p, abd off wh & tr pk argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, com qtz gr, abd blk c detr, tr calc & rd min vn, hd, no vis intgran por, no fluor

CLAYSTONE: m-dk gn gry-m gn gry-m brn gry, mod-v sly-grd to SLTST, tr-abd v f off wh alt fspr gr, com-abd dk brn-blk carb spks & c detr, com micrmic, com slick, mod hd v disp, sbfiss

SANDSTONE: off wh-lt gn gry, v f-rr m, dom f, sbang-sbrnd, mod srtd, strong sil cmt, strong calc cmt i/p, abd off wh argill mtrx, abd wh & pk fspr gr, com gn rd brn gry & blk lith, tr-com qtz gr, tr blk c detr, tr calc vn, hd, no vis intgran por, no fluor

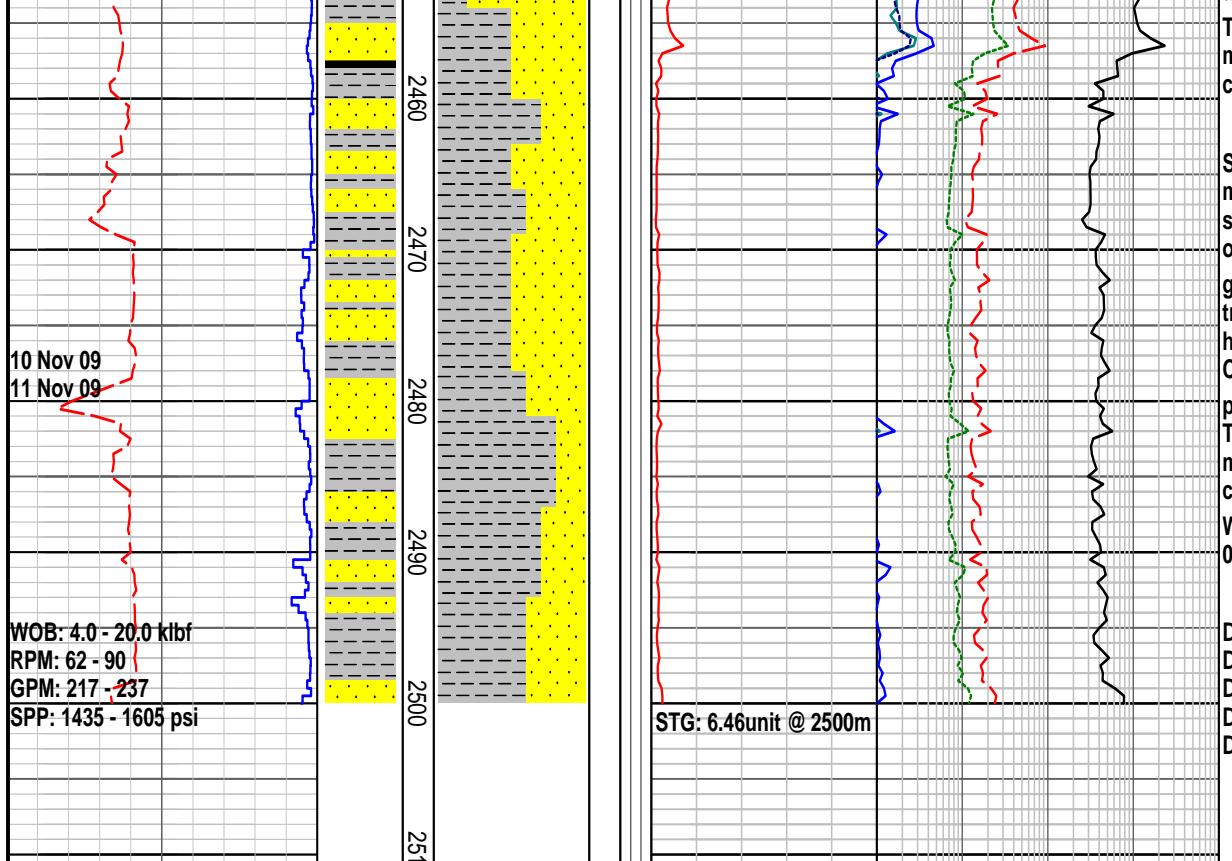
CLAYSTONE: m-dk gn gry-m gn gry-m brn gry, mod-v sly-grd to SLTST, tr-abd v f off wh alt fspr gr, com-abd dk brn-blk carb spks & c detr, com micrmic, com slick, mod hd v disp, sbfiss w/tr **COAL:** v dk brn-blk, ea-vit, blky-dom pty frac-slick, sli argill i/o, hd, brit

The COAL has no fluor but gives a mod bri slow strmg-crush milky wh cut fluor

SANDSTONE: off wh-lt gn gry, v f-rr m, dom f, sbang-sbrnd, mod srtid, v strong sil cmt, mod calc cmt i/p, abd off wh argill mtrx, abd wh fspr gr, com gn rd brn gry & blk lith, tr-com qtz gr, tr blk c detr, tr calc vn, hd, no vis intgran por, no fluor w/tr
 COAL: v dk brn-blk, ea-vit, blky-dom plty frac-slick, sli argill i/p, hd, brit. The COAL has no fluor but gives a mod bri slow strmg-crush milky wh cut fluor

Wombat-4 reached TD of 2500m at 0845hrs on 11-Nov-09

DST#2 : 1828 - 1838 m
 DST#3 : 1451 - 1476 m
 DST#4 : 1171 - 1174 m
 DST#5 : 1123 - 1126 m
 DST#6 : 1109 - 1112 m



FORMATION EVALUATION LOG

RATE OF PENETRATION ROP (0-100m/hr)	MD meters 1:500	LITHOLOGY	TOTAL GAS	CHROMATOGRAPH	REMARKS
Oil Shows	Core				
100 88 83 88 88 88 80 20 0	INTERPRETED		TOTAL GAS 20 40 60 80 100 unit	Methane ppm 1 1 1 1 1 10000	
Backup ROP (100-200m/hr)	LITHOLOGY		BACKUP TOTAL GAS 280 460 640 820 1000 unit	Ethane ppm 1 1 1 1 1 10000	
200 190 180 170 160 150 140 130 120 110				Propane ppm 1 1 1 1 1 10000	
WOB (klb) 5 10 15 20 25 30 35 40 45 50				iso-Butane ppm 1 1 1 1 1 10000	
				n-Butane ppm 1 1 1 1 1 10000	
				iso-Pentane ppm 1 1 1 1 1 10000	
				n-Pentane ppm 10 100 1000 10000	