

med gy-med lt gy, lt olv gy, abdt calc grd to MARL, tr micmic, tr v f glauc, tr v f-med carb spks, tr dissem pyr, tr ang qtz, tr microfos, sft-frm, amor-sbblky

CALCAREOUS CLAYSTONE:
med gy-med lt gy, lt olv gy, tr micmic, tr v f glauc, tr v f-med carb spks, tr pyr nod, tr ang qtz, tr microfos, sft-frm, amor-sbblky, sbfiss i/p

CALCAREOUS CLAYSTONE:
med gy-med lt gy, lt olv gy, tr micmic, tr v f glauc, tr v f-med carb spks, tr pyr nod, tr ang qtz, tr microfos, sft-frm, amor-sbblky, sbfiss i/p

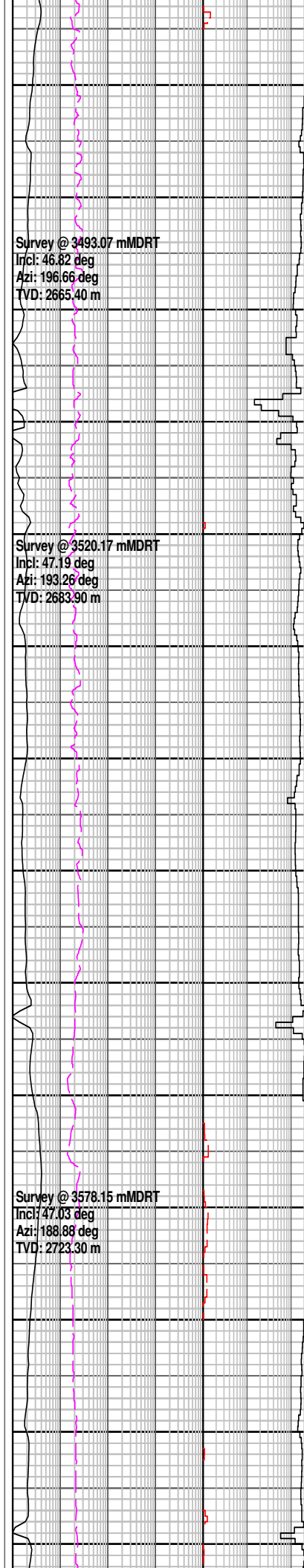
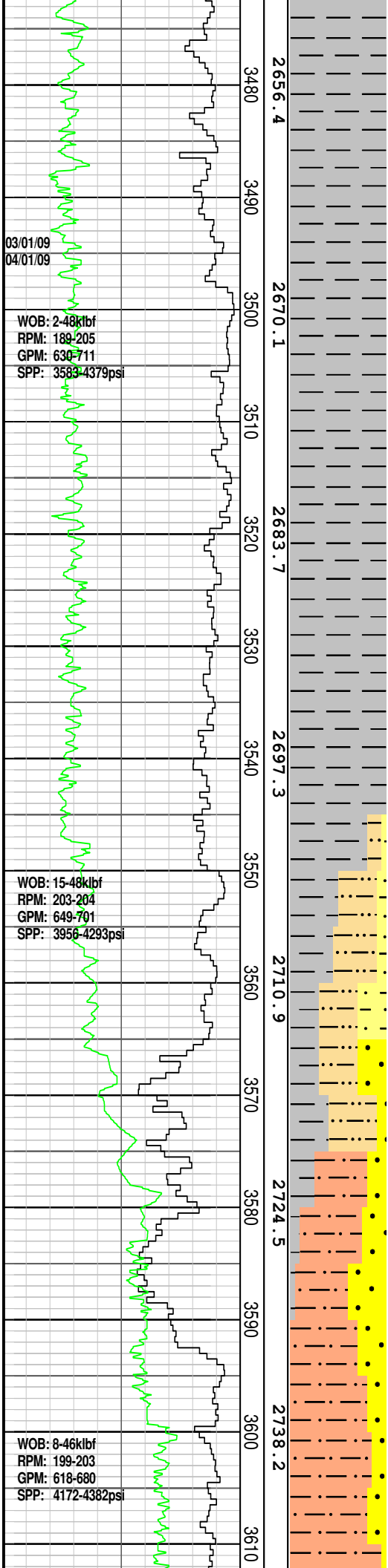
CALCAREOUS CLAYSTONE:
med gy-med lt gy, lt olv gy, tr micmic, tr f aren, tr v f glauc, tr v f-med carb spks, tr pyr nod, tr ang qtz, tr microfos, sft-frm, amor-sbblky, sbfiss i/p

CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, dom frm-mod hd, amor-sbblky, tr sbfiss i/p

CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, tr nod-dissem pyr, dom frm-mod hd, amor-sbblky

CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, tr dissem pyr, dom frm-mod hd, amor-sbblky

CALCAREOUS CLAYSTONE:



med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, tr dissem pyr, dom frm-mod hd, amor-sbblky

CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, tr dissem pyr, dom frm-mod hd, amor-sbblky

MW: 1.15	FV: 70
PV: 19	YP: 31
pH: 10.0	CK: 6.0
GELS: 6/8/11	CL: 53000

CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy-lt gnsh gy, mod calc, slt i/p, tr imcmic, tr v f glauc, tr v f aren, tr v f carb spks, tr dissem pyr, dom frm-mod hd, amor-sbblky

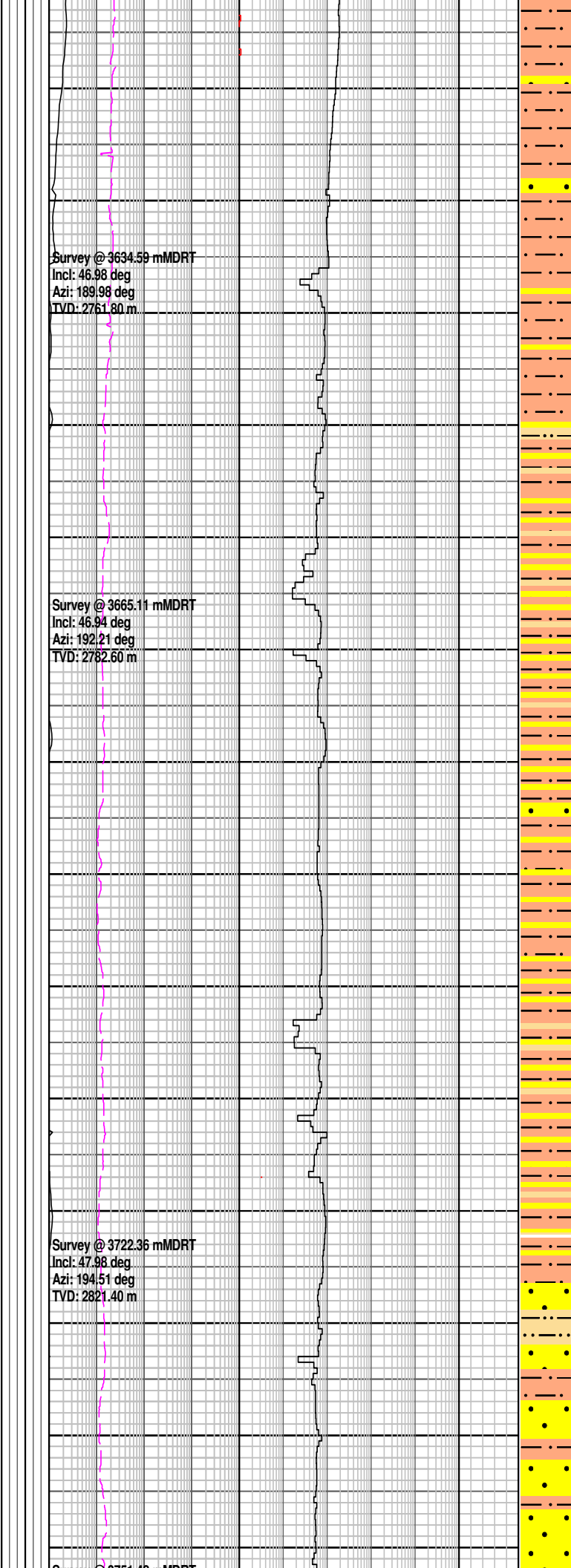
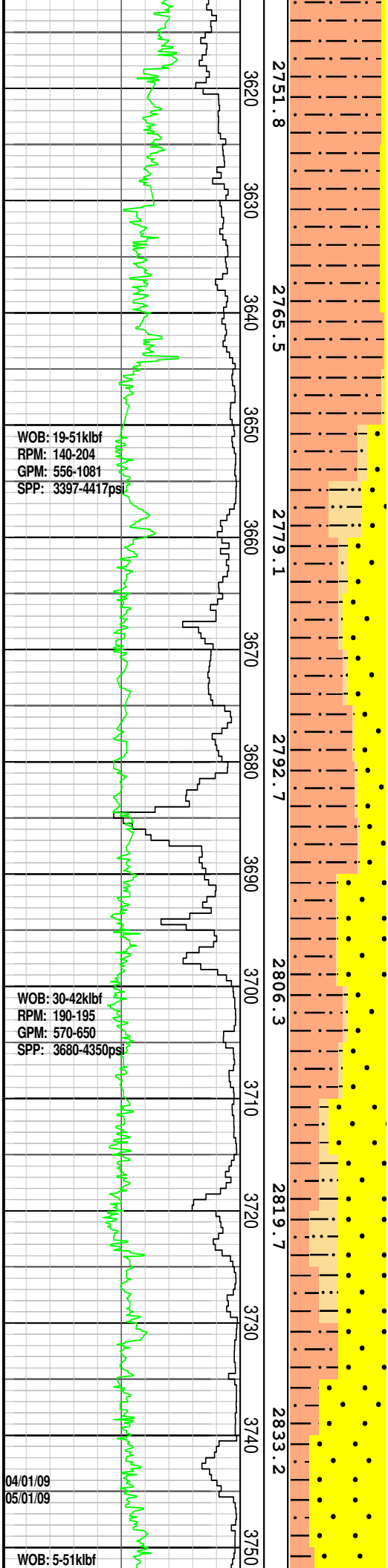
CALCAREOUS CLAYSTONE:
med lt gy-med dk gy, lt olv gy, lt gnsh gy, mod calc, v slt, tr imcmic, tr v f glauc, com v f aren grd to SDY
SLTST, tr v f carb spks, dom frm-mod hd, amor-sbblky

SANDY SILTSTONE: clr-trnsl, dom v f-f, wl srt, dom sbrnrd-rnnd, abdt slt mtx sft-frm agg, tr v f glauc, tr calc, p vis por, no hydc fluor

SILTSTONE: gy brn-dus brn, n calc, v aren grd to SANDY SILTSTONE, tr-com micmic, tr glauc, frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, lt olv gy-pl yel brn, v f-dom f, tr med-crs, mod srt, dom sbrnrd-rnnd, occ sft-frm agg wt slt mtx, tr v f glauc, tr pyr nod, dom lse,p-fr vis por, no hydc fluor

SILTSTONE: gy brn-dus brn, dk olv gy, n calc, v aren grd to SANDY SILTSTONE, tr-com micmic, tr glauc, frm



tr-com micmic, tr glauc, frm, dom sbfiss-sbblky

SILTSTONE: gy brn-dus brn, dk olv gy, n calc, v aren grd to SANDY SILTSTONE, tr-com micmic, tr glauc, frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, lt olv gy-pl yelsh brn, v f-dom f, tr med & crs, mod srt, dom sbrnrd-rnrd, occ sft-frm agg w/ v disp argl mtrx, tr-com v f glauc grd i/p to GLUAC SST, tr pyr nod, dom lse, p-fr por vis, no hydc fluor

GLAUCONITIC SANDSTONE: clr-trnsl, lt gnsh gy, dom v f-f, wl srt, dom sbrnrd-rnrd, sft to frm agg w/v disp argl & glauc mtrx, com to abdt v f glauc & glauc pel, occ lse, p vis por, no hydc fluor

SILTSTONE: gysh brn-dsky olv gy, non calc, v aren, grd to SDY SLTST, tr disse pyr, tr pyr nod, tr-com micmic, tr-com glauc grd to GLAUC SLTST, frm, dom sbfiss-sbblky

SANDY SILTSTONE: off wh-v lt gy, lt gnsh gy, com v f aren grs grd i/p to SLTY SST, tr calc, tr v f glauc, tr micmic, sft-dom frm, sbfiss-sbblky

GLAUCONITIC SANDSTONE: clr-trnsl, lt gnsh gy, dom v f-f, wl srt, dom sbrnrd-rnrd, sft to frm agg w/ v disp lt gy-dk gnsh gy glauc argl mtrx, com-abdt v f-med glauc grs, occ lse, p vis por, no hydc fluor

SILTSTONE: olv gy-lt gy, gysh brn-dsky brn, non calc, v aren, grd to SDY SLTST, tr disse pyr, tr pyr nod, tr-com micmic, tr-com glauc grd to GLAUC SLTST, frm, dom sbfiss-sbblky

GLAUCONITIC SANDSTONE: clr-trnsl, lt gnsh gy, dom v f-f, tr crs grs, wl srt, dom sbrnrd-rnrd, sft to frm agg w/ v disp argl mtrx, tr-com v f glauc grd i/p to GLUAC SST, tr pyr nod, dom lse, p-fr por vis, no hydc fluor

RPM: 158-203
GPM: 511-678
SPP: 3262-4344psi

WOB: 10-52klbf
RPM: 140-204
GPM: 624-699
SPP: 3863-4523psi

WOB: 9-45klbf
RPM: 176-203
GPM: 671-701
SPP: 4041-4295psi

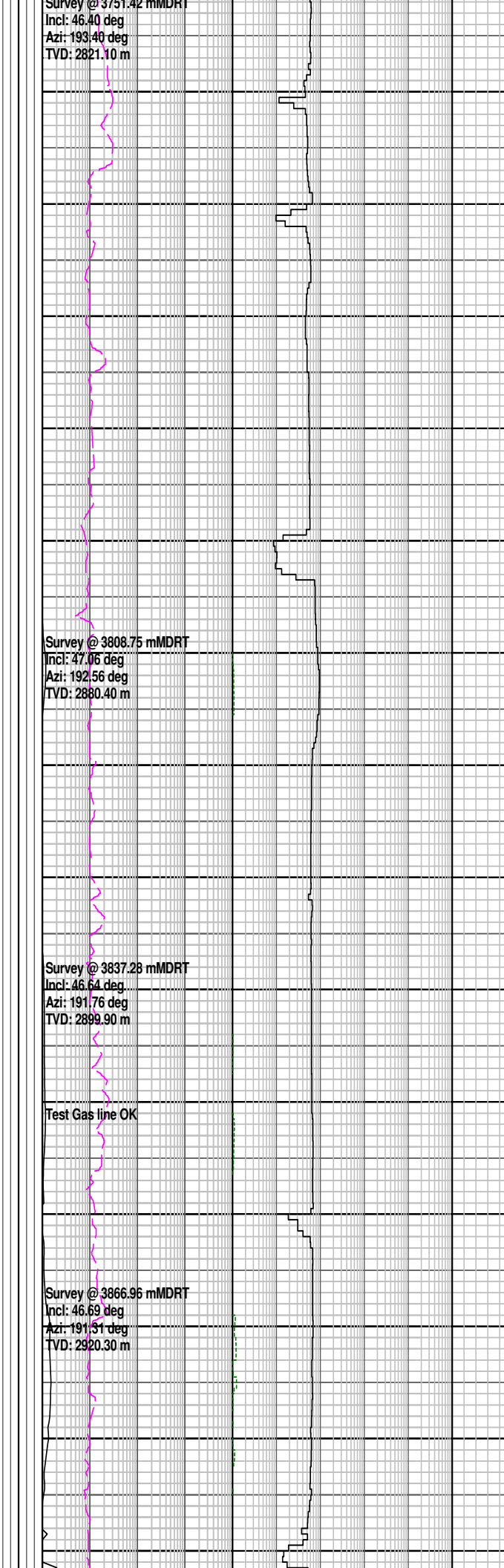
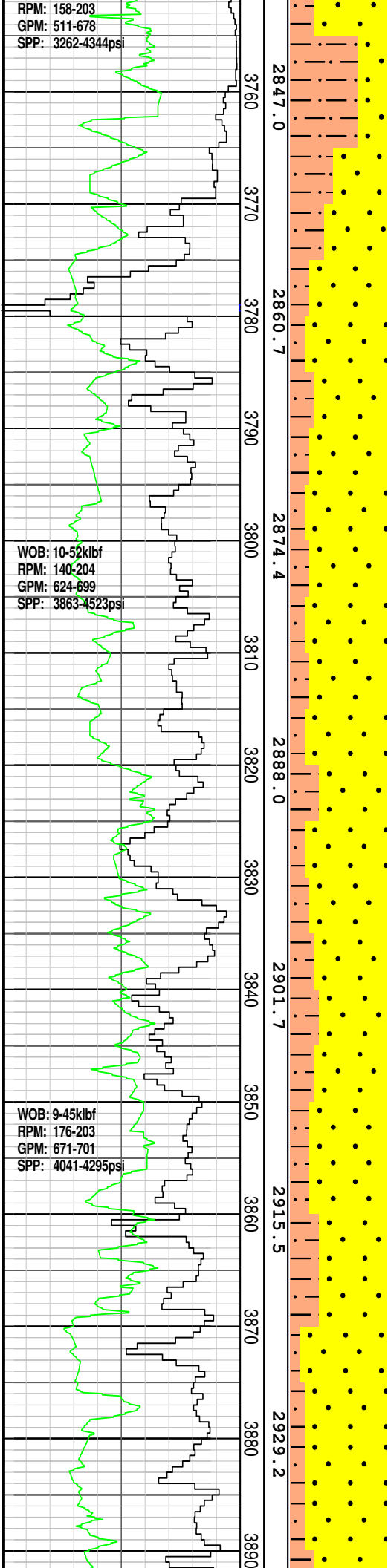
Survey @ 3751.42 mMDRT
Incl: 46.40 deg
Azi: 193.40 deg
TVD: 2821.10 m

Survey @ 3808.75 mMDRT
Incl: 47.06 deg
Azi: 192.56 deg
TVD: 2880.40 m

Survey @ 3837.28 mMDRT
Incl: 46.64 deg
Azi: 191.76 deg
TVD: 2899.90 m

Test Gas line OK

Survey @ 3866.96 mMDRT
Incl: 46.69 deg
Azi: 191.51 deg
TVD: 2920.30 m



sbndu-mud, sil to mtr agy w/
v disp lt gy-dk gnsh gy glauc
argl mtrx, com-abdt v f-med
glauc grs, occ lse, p vis por,
no hydc fluor

SILTSTONE: olv gy-dk olv gy,
gysh brn-dsky brn, non calc,
v aren grd to SDY SLTST, tr
pyr nod, tr-com micmic, tcom
f com glauc grd to GLAUC
SLTST, frm, dom
sbfiss-sbblky

SANDSTONE: clr-trnsl, tr frs,
med-v crs, dom crs, mod srt,
ang-sbang, r sbrndd, clr, lse,
p-fr por, no hydc fluor

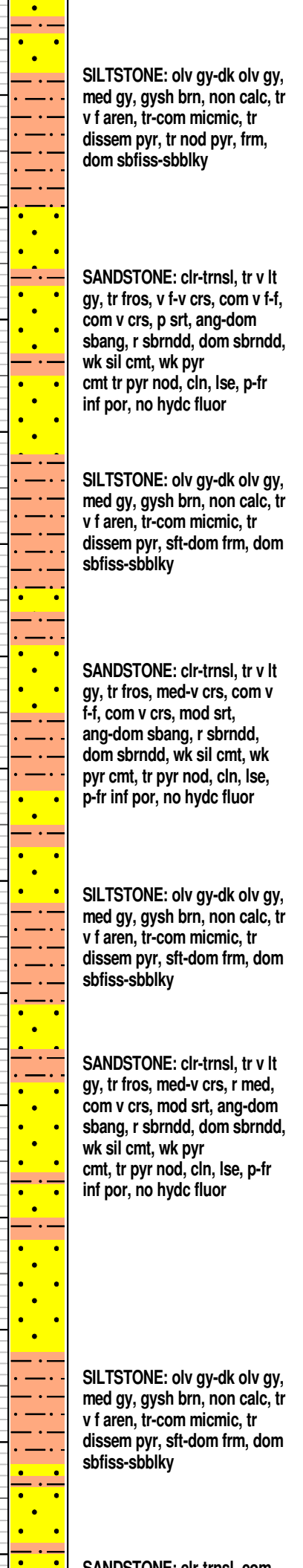
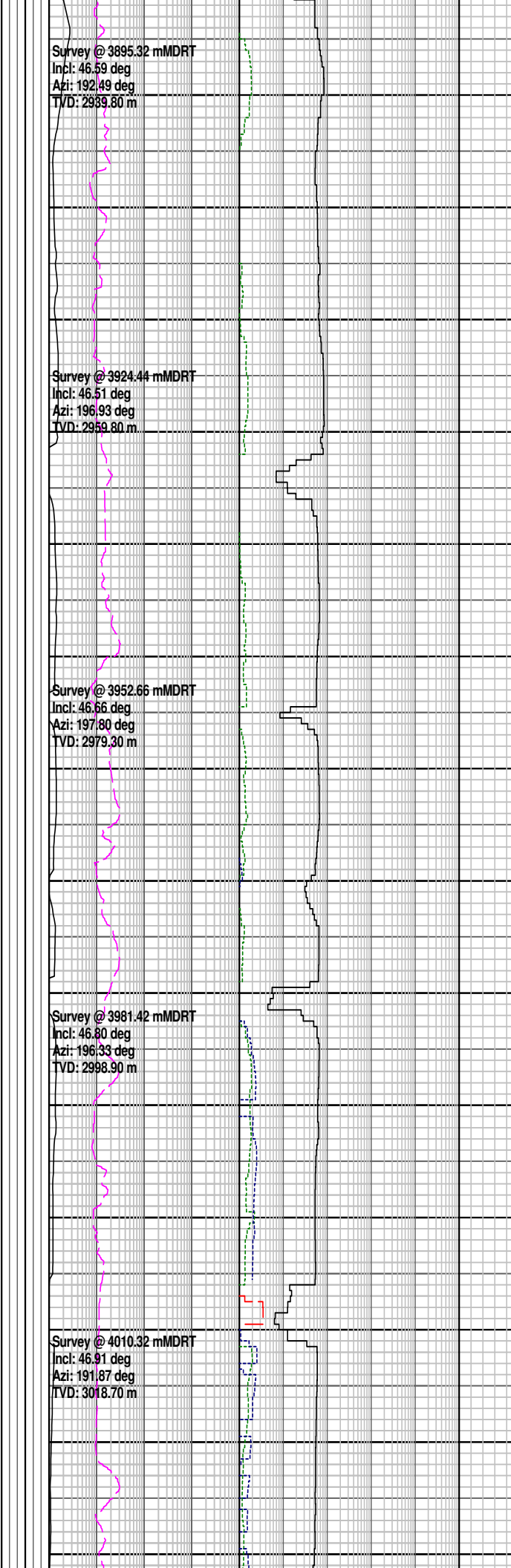
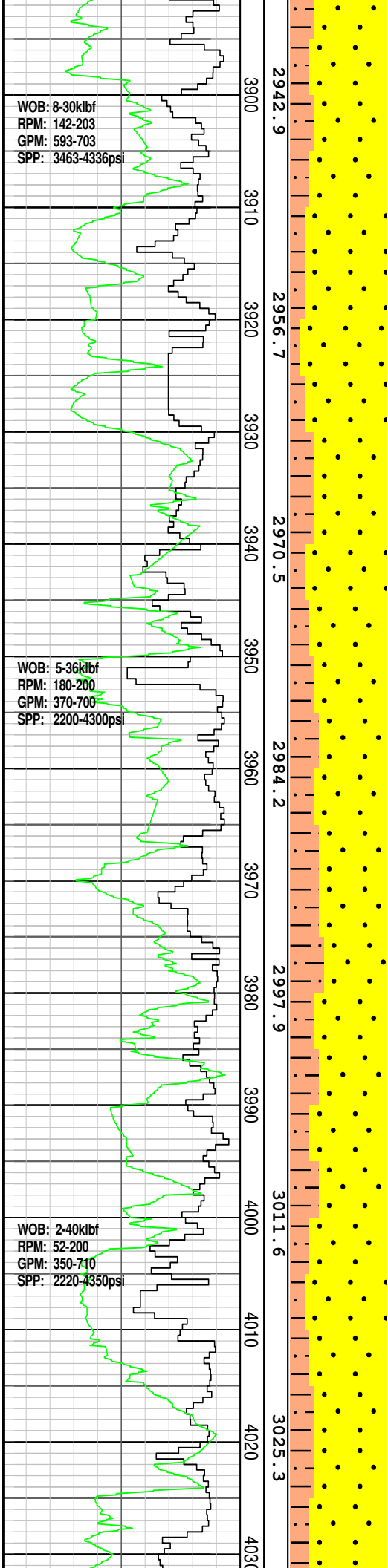
SANDSTONE: clr-trnsl, tr lt
gy, tr frs, dom crs-v crs, mod
srt, ang-sbang, r sbrndd, clr,
lse, tr pyt nod, p-fr por, no
hydc fluor

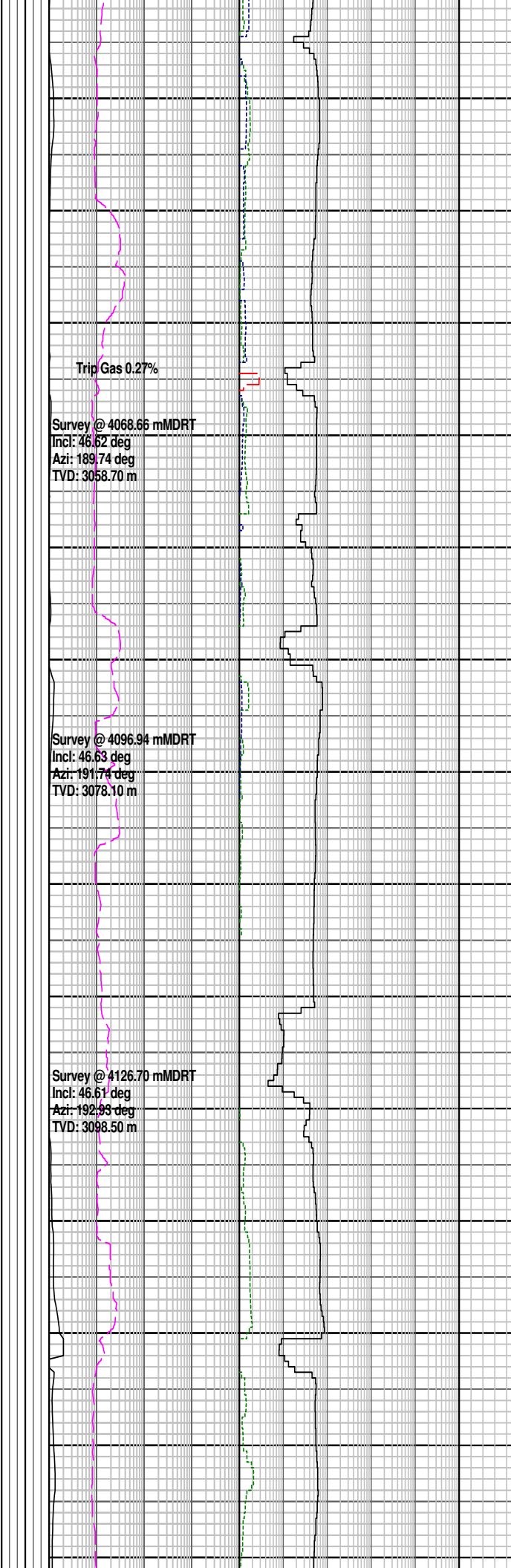
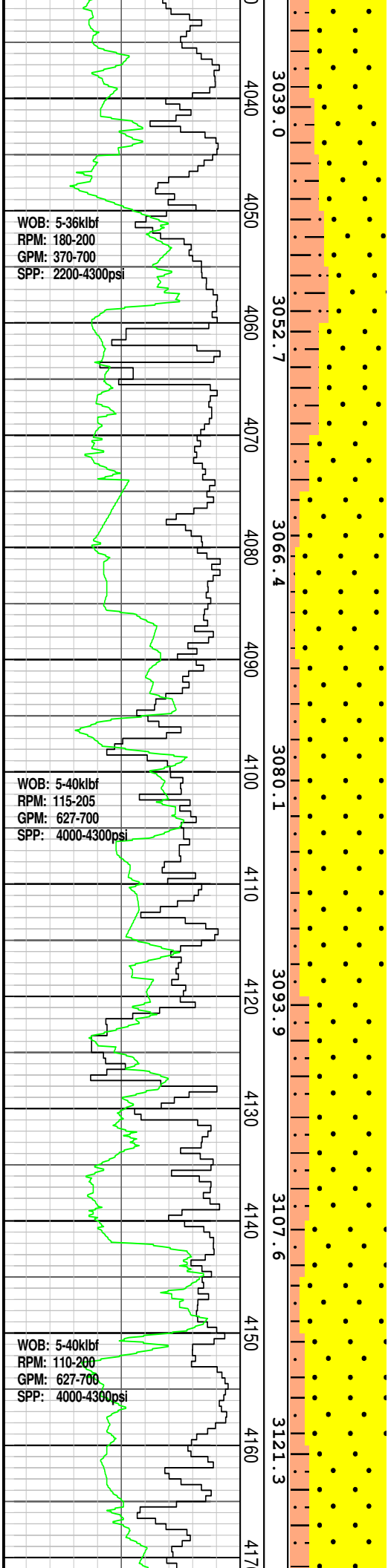
SILTSTONE: olv gy-dk olv gy,
gysh brn-dsky brn, non calc,
v aren grd to SDY SLTST, tr
pyr nod, tr-com micmic, tcom
f com glauc grd to GLAUC
SLTST, frm, dom
sbfiss-sbblky

SANDSTONE: clr-trnsl, tr v lt
gy, tr fros, med-v crs, dom
crs-v crs, wl srt, ang-dom
sbang, r sbrndd, wk sil cmt,
wk pyr cmt, tr pyr nod, cln,
lse, pr-fr inf por, no hydc
fluor

SILTSTONE: olv gy-dk olv gy,
med gy, gysh brn, non calc, tr
v f aren, tr-com micmic, tr
dissem pyr, tr nod pyr, frm,
dom sbfiss-sbblky

SANDSTONE: clr-trnsl, tr v lt
gy, tr fros, v f-v crs, com v f-f,
com v crs, p srt, ang-dom
sbang, r sbrndd, dom sbrndd,
wk sil cmt, wk pyr cmt
on crs grs, tr pyr nod, cln,
lse, pr-fr inf por, no hydc
fluor





SANDSTONE: clr-trnsl, com pl yelsh gy, tr fros, f-v crs, com f, com v crs, p srt, ang-dom sbang, r sbrnrd, dom sbrnrd, wk sil cmt, wk pyr cmt, tr pyr nod, cln, lse, p-fr inf por, no hydc fluor

SILTSTONE: olv gy-dk gnsh gy, med dk gy, non calc, tr v f aren, tr-com micmic, tr disse pyr, tr v f glauc grs, sft-dom frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, com pl yelsh gy-pl yelsh or, tr fros, med-v crs, dom crs-v crs, mod srt, ang-dom sbang, r sbrnrd, dom sbrnrd, wk sil cmt, wk pyr cmt, cln, lse, p-fr inf por, no hydc fluor

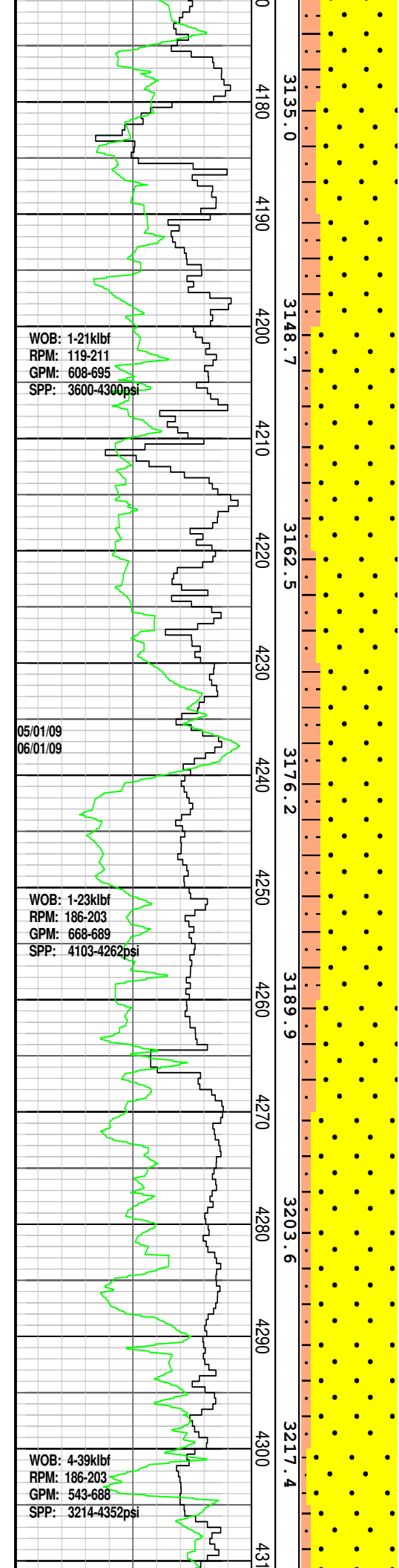
SILTSTONE: olv gy-dk gnsh gy, med dk gy, non calc, tr v f aren, tr-com micmic, tr disse pyr, tr v f glauc grs, sft-dom frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, com pl yelsh gy-pl yelsh or, tr fros, med-v crs, dom crs-v crs, p srt, ang-dom sbang, r sbrnrd, wk sil cmt, wk pyr cmt, cln, lse, p-fr inf por, no hydc fluor

SILTSTONE: olv gy-dk gnsh gy, med dk gy, non calc, tr v f aren, tr-com micmic, tr disse pyr, tr v f glauc grs, sft-dom frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, r pl yelsh gy-pl yelsh or, tr fros, med-v crs, dom crs-v crs, mod srt, ang-dom sbang, r sbrnrd, wk sil cmt, wk pyr cmt, cln, lse, p-fr inf por, no hydc fluor

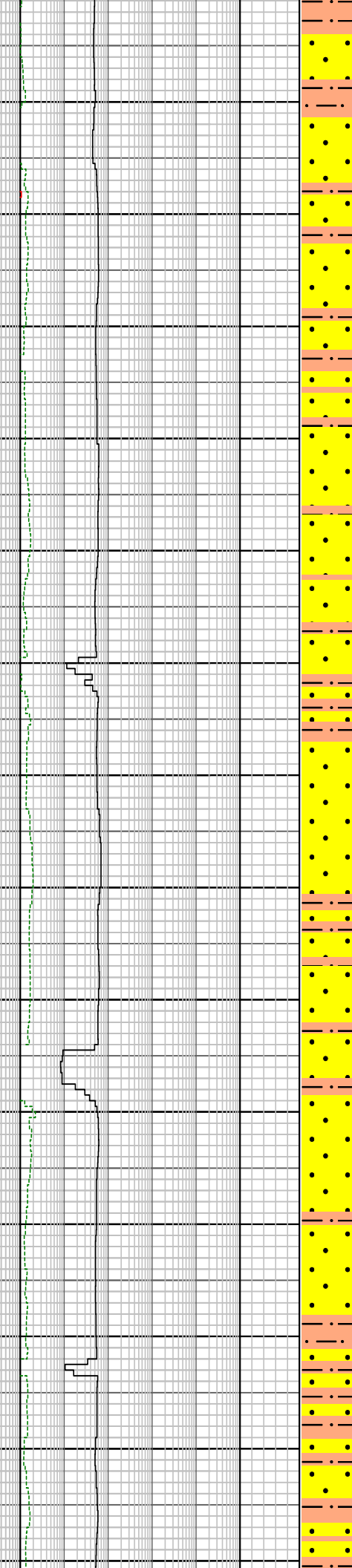
SANDSTONE: clr-trnsl, r pl yelsh gy-pl yelsh or, tr fros, med-v crs, dom crs-v crs, mod srt, ang-dom sbang, r sbrnrd, wk sil cmt, wk pyr cmt, cln, lse, p-fr inf por, no hydc fluor



Survey @ 4183.93 mMDRT
Incl: 46.78 deg
Azi: 191.20 deg
TVD: 3137.80 m

Survey @ 4241.84 mMDRT
Incl: 46.79 deg
Azi: 183.00 deg
TVD: 3177.50 m

Survey @ 4270.08 mMDRT
Incl: 46.59 deg
Azi: 179.28 deg
TVD: 3196.90 m



gy, med dk gy, non calc, tr v f
aren, tr-com micmic, tr
dissem pyr, tr v f glauc grs,
sft-dom frm, dom
sbfiss-sbblky

SANDSTONE: clr-trnsl, r pl
yelsh gy-pl yelsh or, tr fros,
f-v crs, dom crs-v crs, tr f, p
srt, ang-dom sbang, r sbrndd,
wk sil cmt, wk pyr
cmt, tr nod pyr, cln, lse, p-fr
inf por, no hydc fluor

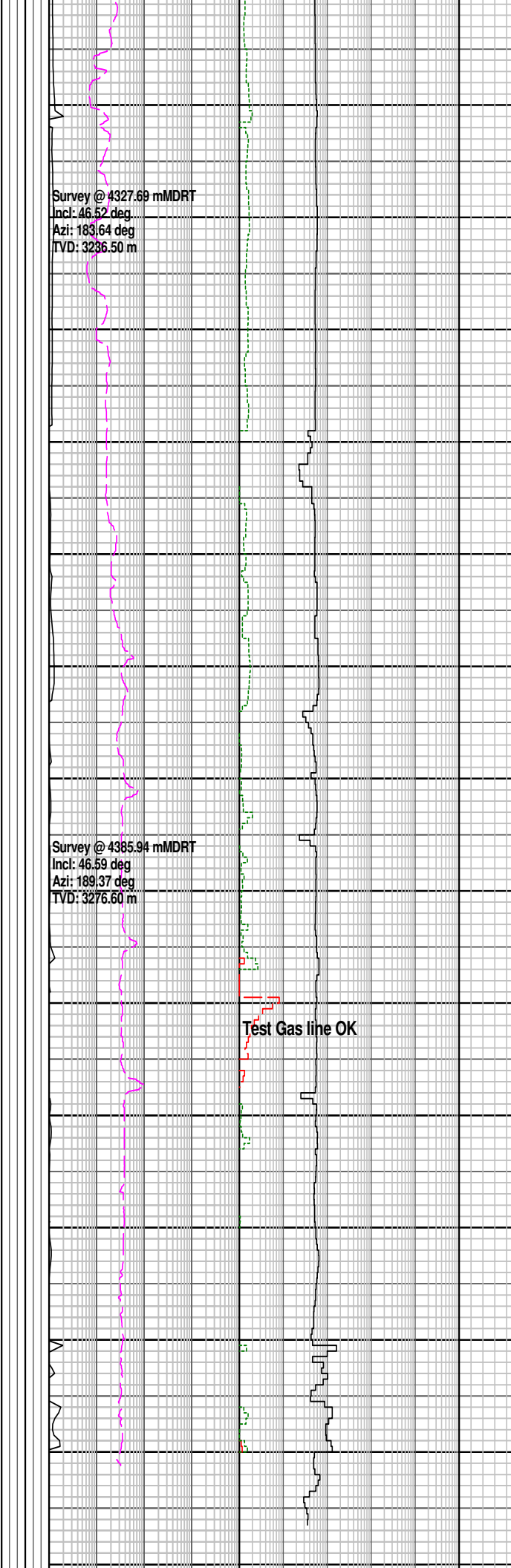
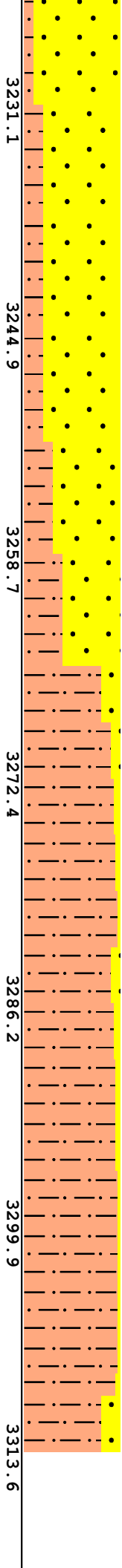
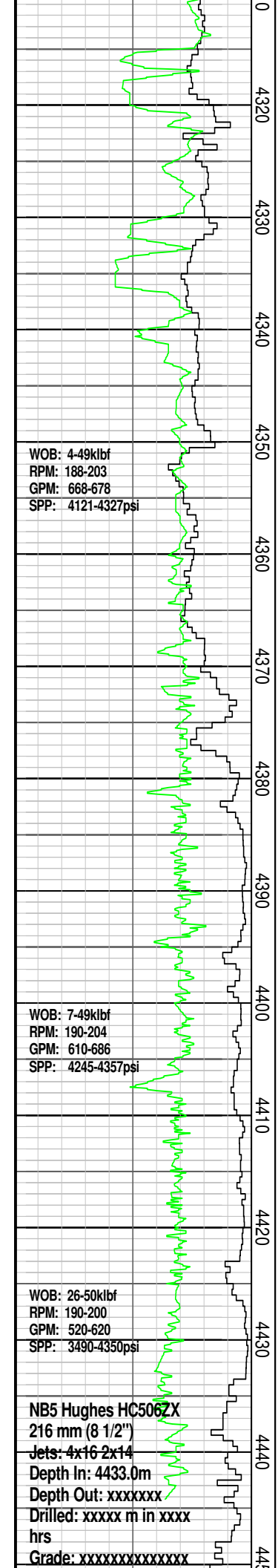
SILTSTONE: olv gy-dk gnsh
gy, med dk gy, non calc, tr v f
aren, tr-com micmic, tr
dissem pyr, tr v f glauc grs,
sft-dom frm, dom
sbfiss-sbblky

SANDSTONE: clr-trnsl, r pl
yelsh gy-pl yelsh or, tr fros,
f-v crs, dom crs-v crs, tr f, p
srt, ang-dom sbang, r sbrndd,
wk sil cmt, wk pyr cmt,
tr nod pyr, cln, lse, p-fr inf
por, no hydc fluor

SANDSTONE: clr-trnsl, r pl
yelsh gy-pl yelsh or, tr fros,
f-v crs, dom crs-v crs, tr f, p
srt, ang-dom sbang, r sbrndd,
wk sil cmt, wk pyr
cmt, tr nod pyr, cln, lse, p-fr
inf por, no hydc fluor

SANDSTONE: clr-trnsl, tr
fros, f-v crs, com f, com v crs,
tr f, p srt, ang-dom sbang, r
sbrndd, wk sil cmt, wk pyr
cmt, cln, lse, p-fr inf por, no
hydc fluor

SANDSTONE: clr-trnsl, tr
fros, f-v crs, min f, com v crs,
p srt, ang-dom sbang, r
sbrndd, wk sil cmt, wk pyr
cmt, tr nod pyr, cln, lse, p-fr
inf por, no hydc fluor



SILTSTONE: olv gy-dk gnsh gy, med dk gy, non calc, tr v f aren, tr-mnr micmic, tr dissep pyr, tr v f glauc grs, sft-dom frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, tr fros, med-v crs, dom crs-v crs, tr f, mod srt, ang-dom sbang, mnr sbrndd, wk sil cmt, wk pyr cmt, cln, tr pyr nod, lse, p-fr inf por, no hydc fluor

SANDSTONE: clr-trnsl, tr fros, med-v crs, dom crs-v crs, tr f, mod srt, ang-dom sbang, mnr sbrndd, wk sil cmt, wk pyr cmt, cln, r pyr nod, lse, p-fr inf por, no hydc fluor

SILTSTONE: olv gy-dk gnsh gy, med dk gy, non calc, tr v f aren, tr-mnr micmic, tr v f glauc grs, sft-dom frm, dom sbfiss-sbblky

SILTSTONE: lt gy-med gy, med dk gy-tr gy blk, non calc, tr v f aren, tr-mnr micmic, tr-com dissep pyr, tr-com pyr nod, tr v f glauc, sft-dom frm, dom sbfiss-sbblky

SILTSTONE: lt gy-med gy, med dk gy-tr gy blk, non calc, tr v f aren, tr-mnr micmic, tr-com dissep pyr, tr-com pyr nod, tr v f glauc, sft-dom frm, dom sbfiss-sbblky

SILTSTONE: lt gy-med gy, med dk gy-tr gy blk, non calc, tr v f aren, tr-mnr micmic, tr-com dissep pyr, tr-com pyr nod, tr v f glauc, sft-dom frm, dom sbfiss-sbblky

SANDSTONE: clr-trnsl, tr fros, med-v crs, dom crs-v crs, tr f, mod srt, ang-dom sbang, mnr sbrndd, wk sil cmt, wk pyr cmt, cln, r pyr nod, lse, p-fr inf por, no hydc fluor

POOH @ 4433.0 mMDRT to pick up drill pipe & change Bit

SILTSTONE: lt gy-med gy, med dk gy-tr gy blk, com dsk brn, non calc, tr v f aren, tr-mnr micmic, tr-com dissep pyr, tr-com pyr nod, tr v f glauc, sft-dom frm, dom sbfiss-sbblky

