

MARL: med dk gry, dk grnsh gry, occ med gry, arg, occ shell frags, tr coral frags, v sft-sft, sbblky-sbfiss

SURVEY @ 447.0m: 0.00°

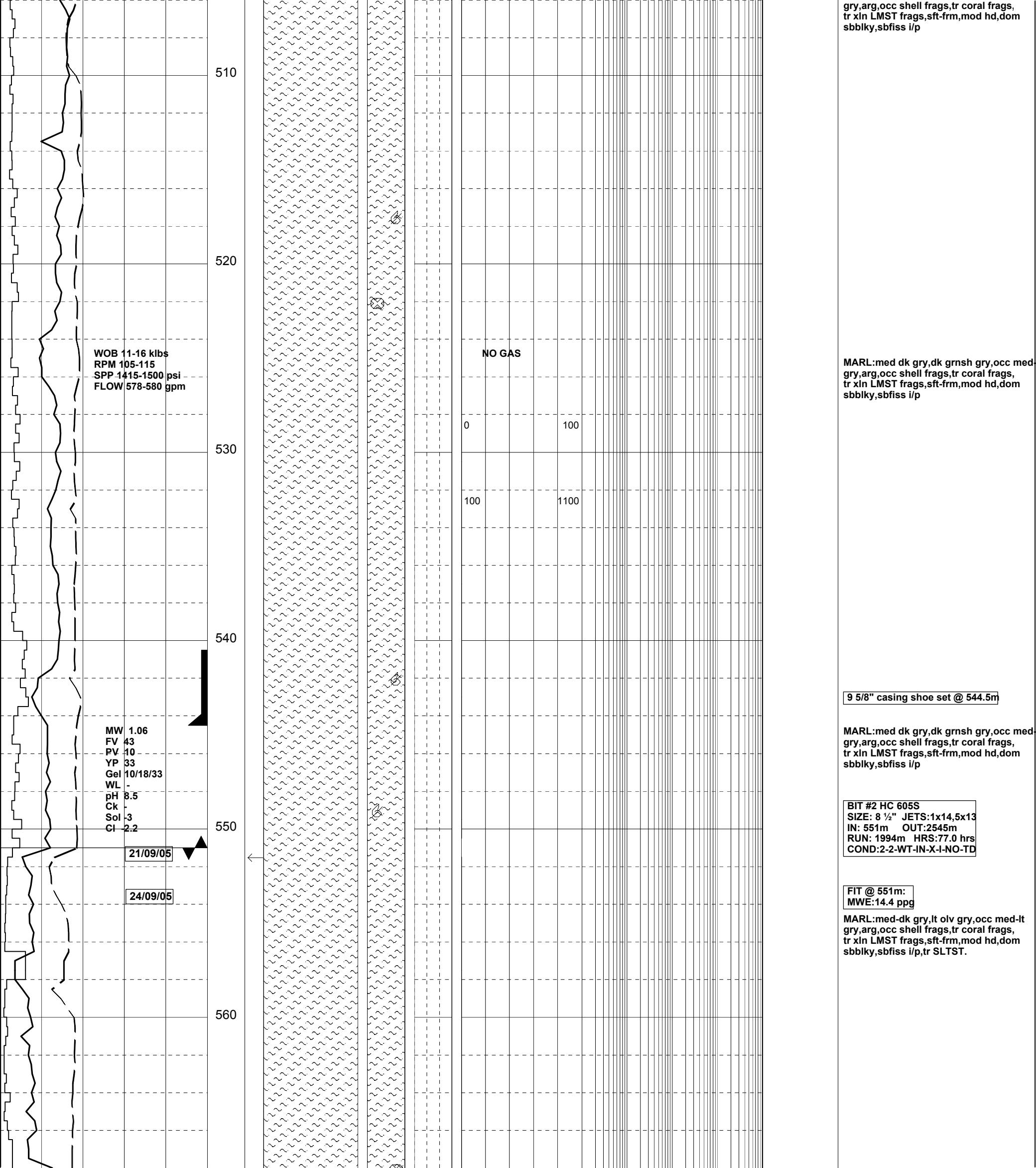
MARL: med dk gry, dk grnsh gry, occ med gry, arg, occ shell frags, tr coral frags, v sft-sft, sbblky-sbfiss

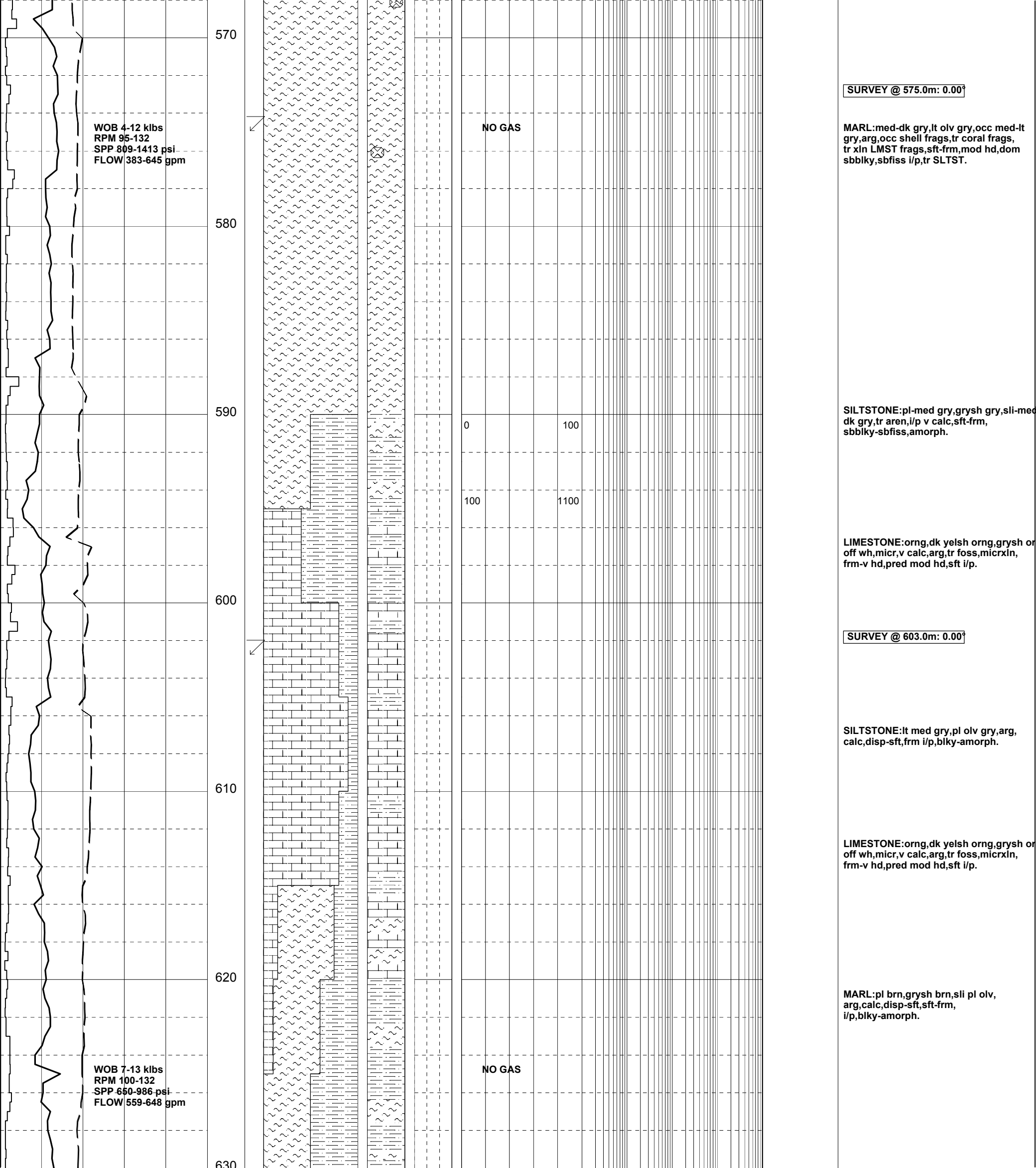
MARL: med dk gry, dk grnsh gry, occ med gry, arg, occ shell frags, tr coral frags, v sft-sft, sbblky-sbfiss

MARL: med dk gry, dk grnsh gry, occ med gry, arg, occ shell frags, tr coral frags, tr xln LMST frags, sft-frn, mod hd, dom sbblky, sbfiss i/p

SURVEY @ 503.0m: 0.00°

MARL: med dk gry, dk grnsh gry, occ med





SURVEY @ 575.0m: 0.00°

MARL:med-dk gry,lt olv gry,occ med-lt gry,arg,occ shell frags,tr coral frags, tr xln LMST frags,sft-frm,mod hd,dm sbblky,sbfiss i/p,tr SLTST.

SILTSTONE:pl-med gry,grysh gry,sli-med dk gry,tr aren,i/p v calc,sft-frm, sbblky-sbfiss,amorph.

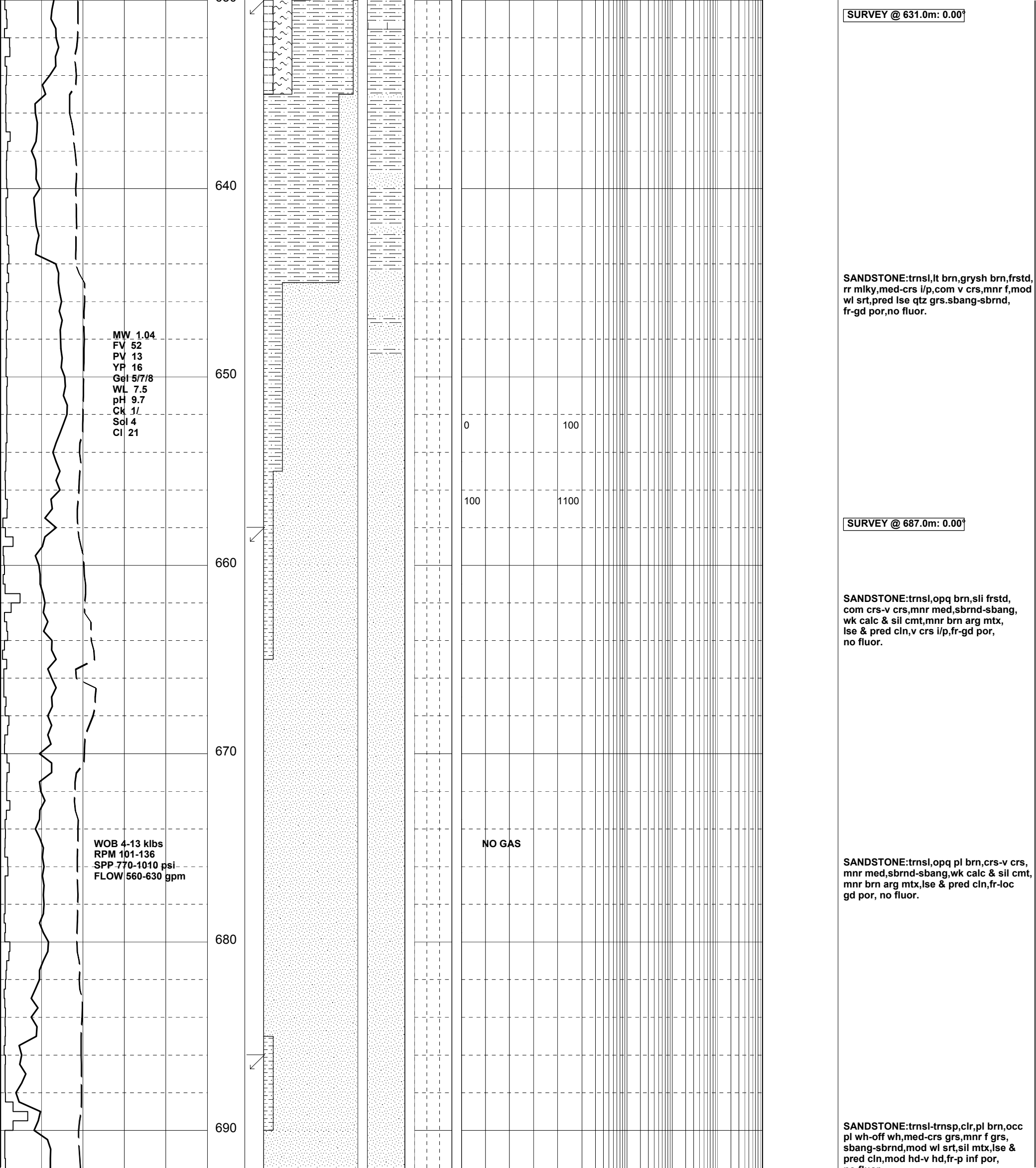
LIMESTONE:orng,dk yelsh orng,grysh or off wh,micr,v calc,arg,tr foss,micrxln, frm-v hd,pred mod hd,sft i/p.

SURVEY @ 603.0m: 0.00°

SILTSTONE:lt med gry,pl olv gry,arg, calc,disp-sft,frm i/p,blky-amorph.

LIMESTONE:orng,dk yelsh orng,grysh or off wh,micr,v calc,arg,tr foss,micrxln, frm-v hd,pred mod hd,sft i/p.

MARL:pl brn,grysh brn,sli pl olv, arg,calc,disp-sft,sft-frm, i/p,blky-amorph.



SURVEY @ 631.0m: 0.00[†]

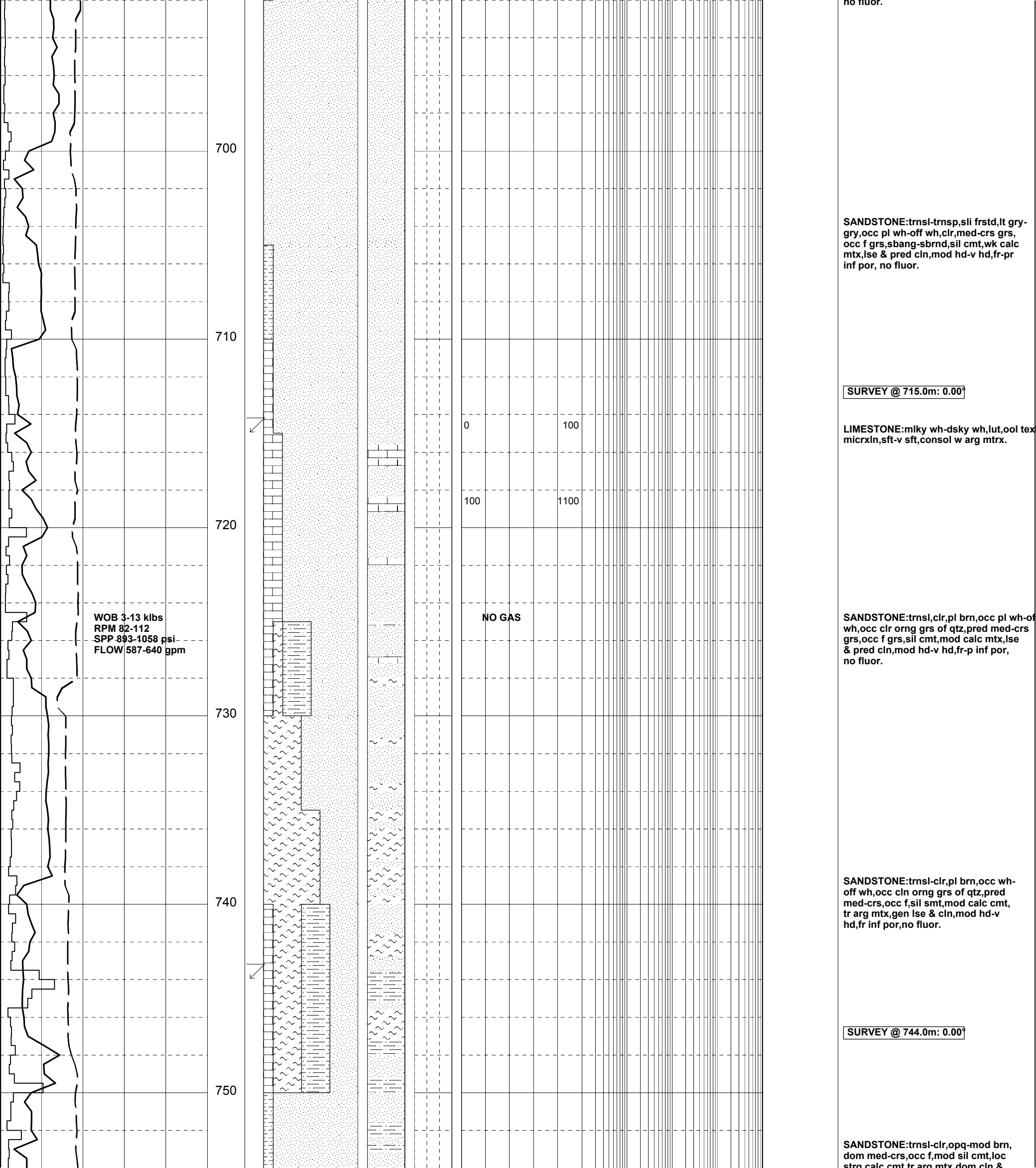
SANDSTONE:trnsI,lt brn,grysh brn,frstd,rr mlky,med-crs i/p,com v crs,mnr f,mod wl srt,pred lse qtz grs.sbang-sbrnd,fr-gd por,no fluor.

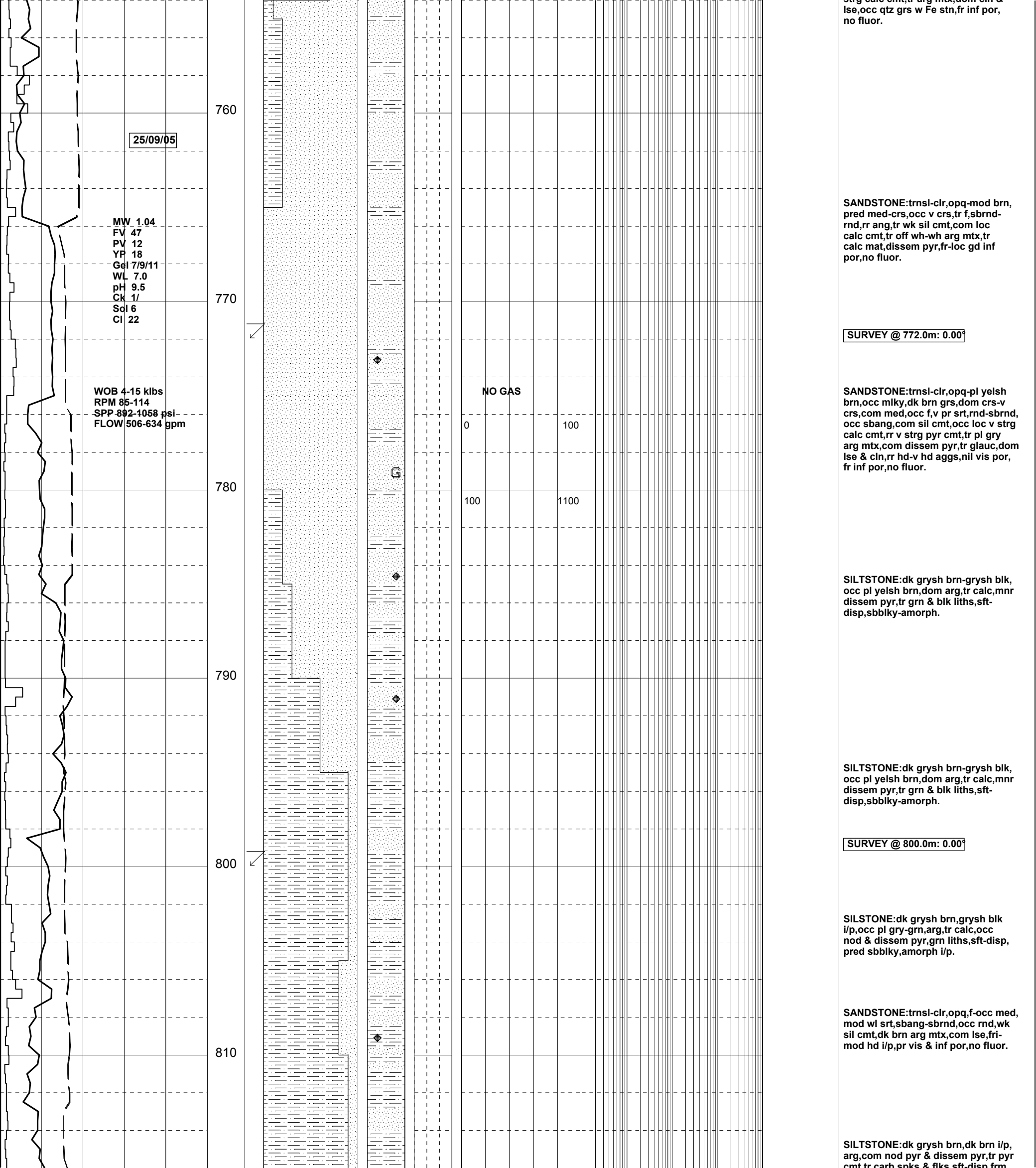
SURVEY @ 687.0m: 0.00[†]

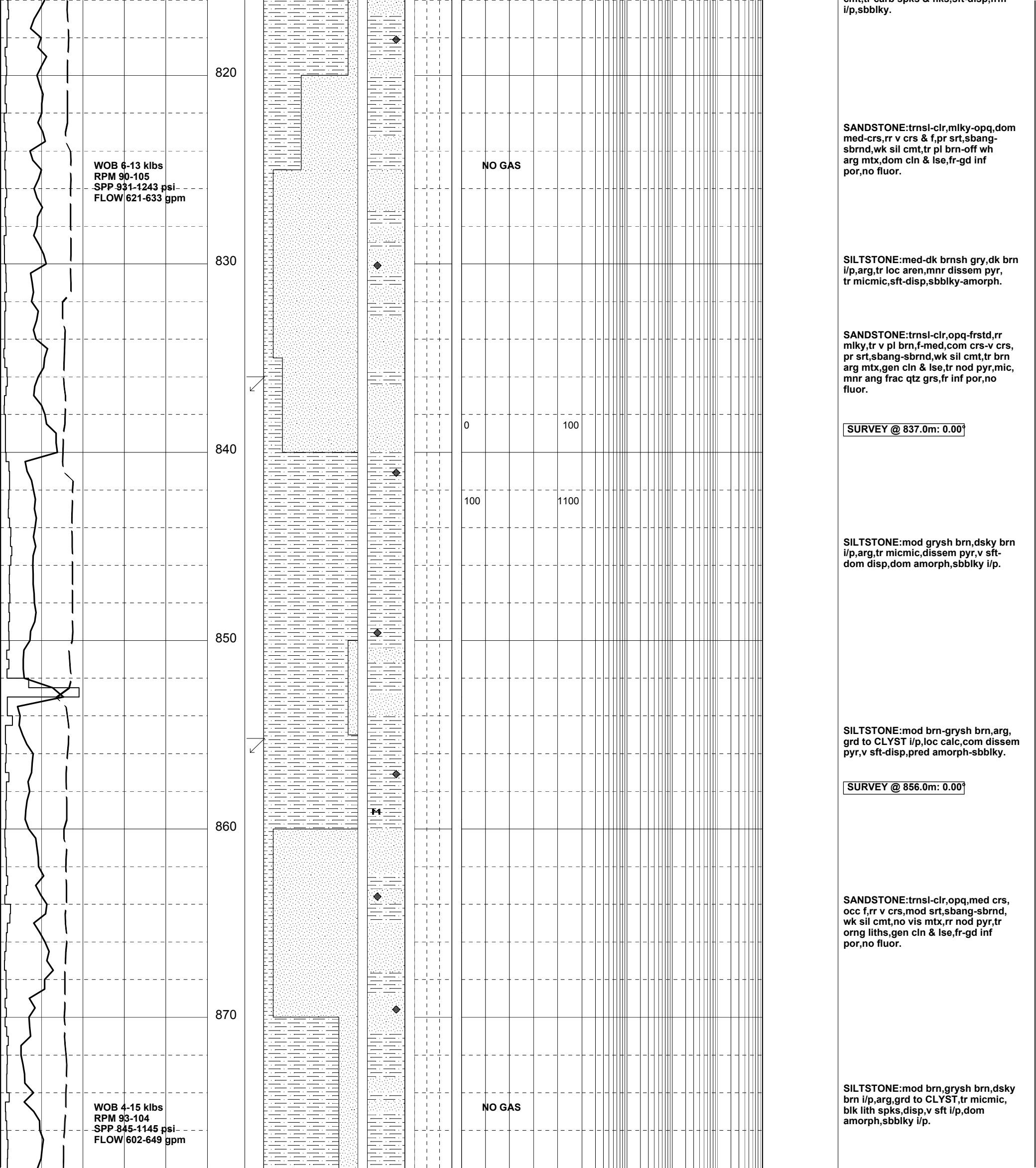
SANDSTONE:trnsI,opq brn,sli frstd,com crs-v crs,mnr med,sbrnd-sbang,wk calc & sil cmt,mnr brn arg mtx,lse & pred cln,v crs i/p,fr-gd por,no fluor.

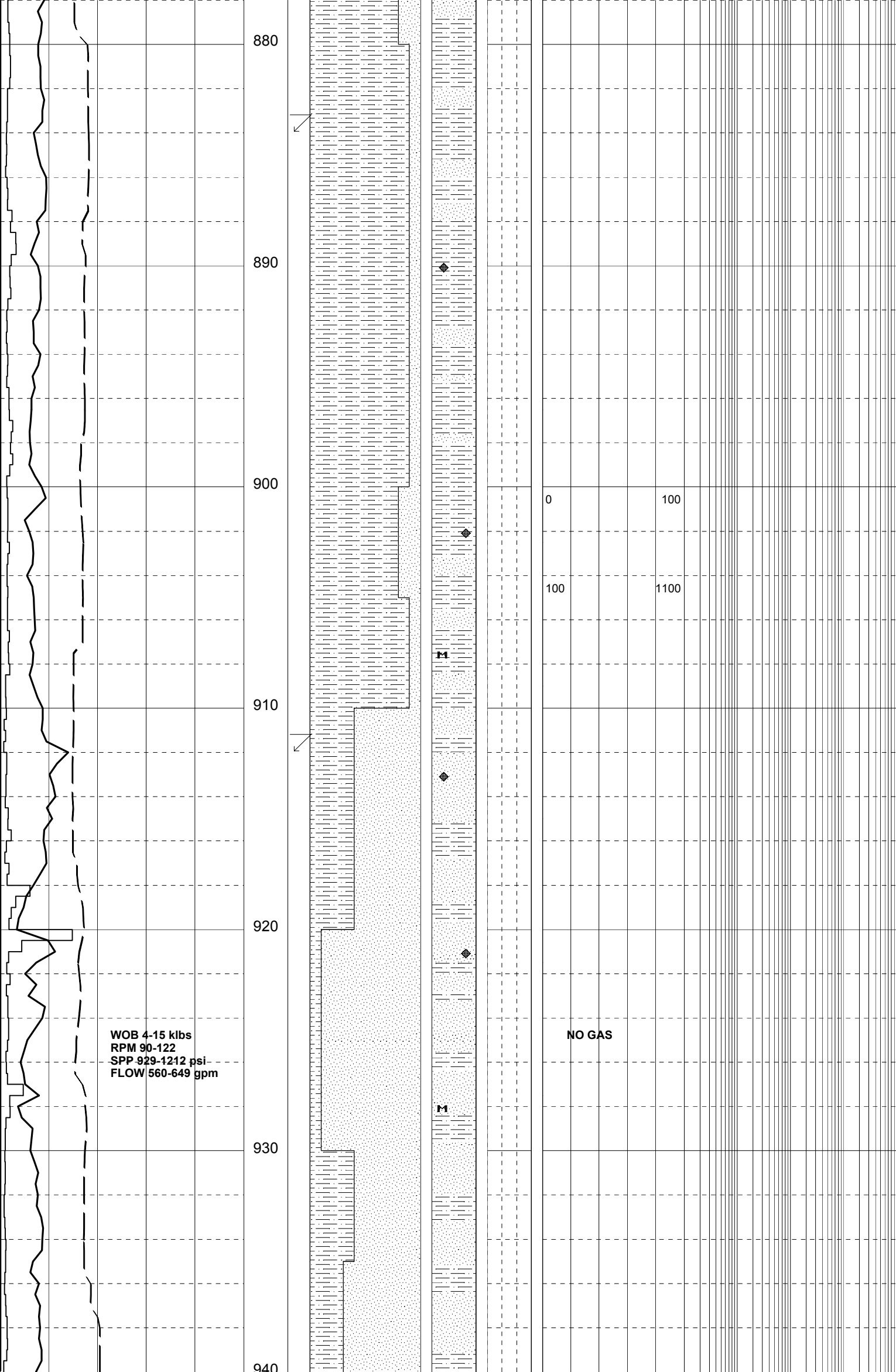
SANDSTONE:trnsI,opq pl brn,crs-v crs,mnr med,sbrnd-sbang,wk calc & sil cmt,mnr brn arg mtx,lse & pred cln,fr-loc gd por, no fluor.

SANDSTONE:trnsI-trnsp,clr,pl brn,occ pl wh-off wh,med-crs grs,mnr f grs,sbang-sbrnd,mod wl srt,sil mtx,lse & pred cln,mod hd-v hd,fr-p inf por,









SURVEY @ 884.0m: 0.00³

SILTSTONE:mod brn,grysh brn,dsky
brn i/p,occ pl yelsh brn,arg,grd to
CLYST,tr micmic,blk lith spks,disp,
v sft i/p,dom amorph,sbblky i/p.

SANDSTONE:trnsI-clr,pl gry i/p,
dom f-med,tr crs,mod srt,sbang-
sbrnd,wk-mod loc calc cmt,tr sil
cmt,no vis mtx,tr nod pyr,crm &
blk liths,rr orng liths,dom lse &
cln,rr fri aggs,pr vis & inf por,
no fluor.

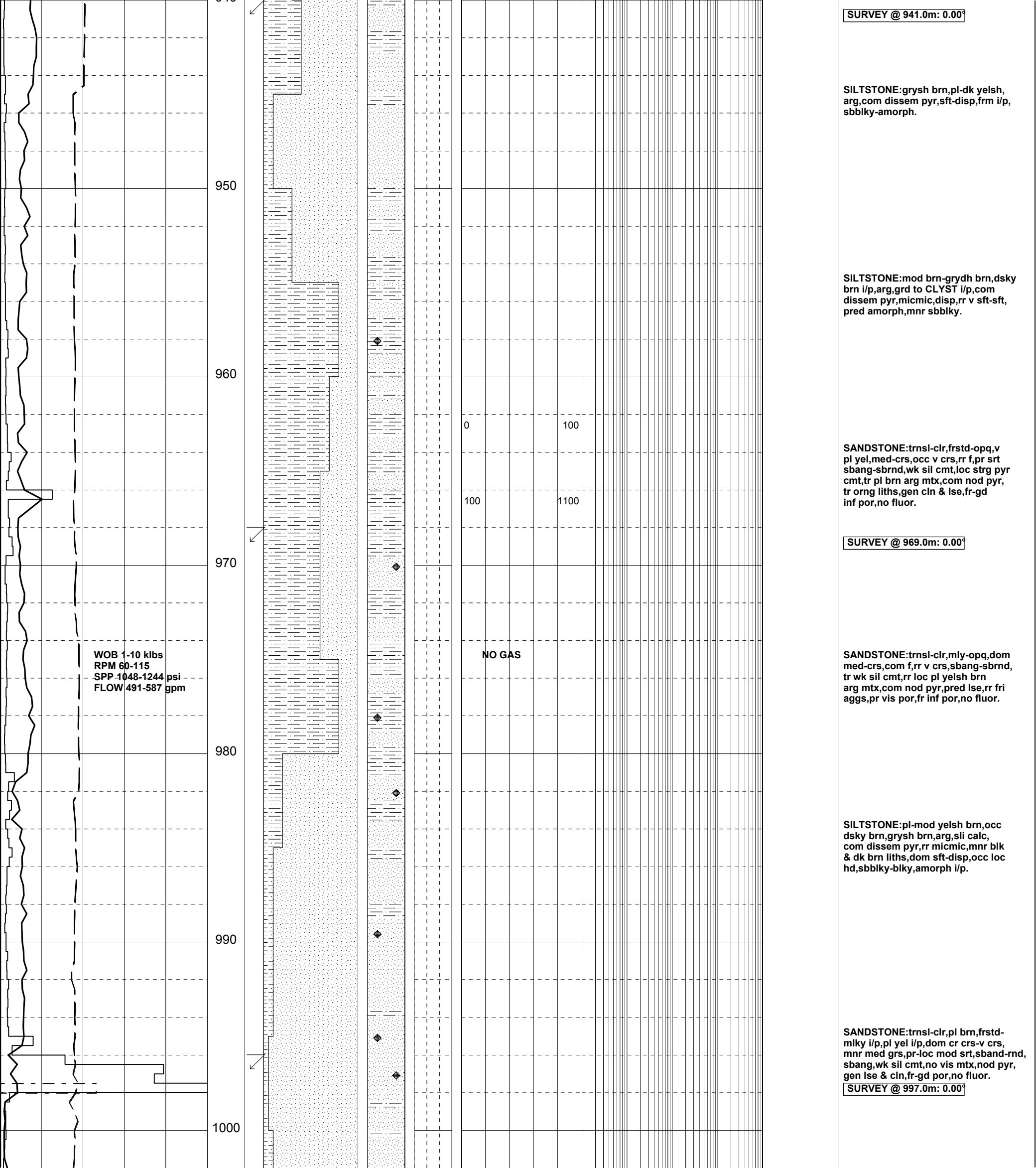
SILTSTONE:grysh brn-dsky brn,dk
yelsh brn,com mic flks,rr dissem
pyr,v sft-disp,amorph,rr sbblky.

SURVEY @ 912.0m: 0.00³

SANDSTONE:trnsI-clr,opq-frstd,rr
v pl brn,dom med-crs,occ f & v crs,
pr srt,sbang-sbrnd,wk sil cmt,mnr-
loc v strg pyr cmt,no vis mtx,dom
lse & cln,occ nod pyr,rr mic flks,
tr orng & crm liths,fr-gd inf por,
no fluor.

SILTSTONE:grysh brn,pl-dk yelsh,
arg,com dissem pyr,sft-disp,frm i/p,
sbblky-amorph.

SANDSTONE:trnsI-clr,frstd-opq,v
pl yel,med-crs,occ v crs,rr f,pr srt
sbang-sbrnd,wk sil cmt,loc strg pyr
cmt,tr pl brn arg mtx,com nod pyr,
tr orng liths,gen cln & lse,fr-gd
inf por,no fluor.



SURVEY @ 941.0m: 0.00[†]

SILTSTONE:grysh brn,pl-dk yelsh, arg,com disseminated pyrite,sulfate-dispersed,from i/p, subblocky-amorphous.

SILTSTONE:mod brn-grydh brn,dsky brn i/p,arg,grad to CLYST i/p,com disseminated pyrite,micritic,dispersed,rr v sft-sft, pred amorphous,mnr subblocky.

SANDSTONE:translucent-clear,first-dyed-opaque,v pl yel,med-crs,occ v crs,rr f,pr srt sbang-sbrnd,wk sil cmt,loc strg pyrite cmt,tr pl brn arg mtx,com nod pyrite, tr orng liths,gen cln & lse,fr-gd inf por,no fluor.

SURVEY @ 969.0m: 0.00[†]

SANDSTONE:translucent-clear,mly-opq,dom med-crs,com f,rr v crs,sbang-sbrnd, tr wk sil cmt,rr loc pl yelsh brn arg mtx,com nod pyrite,pred lse,rr fri aggs,pr vis por,fr inf por,no fluor.

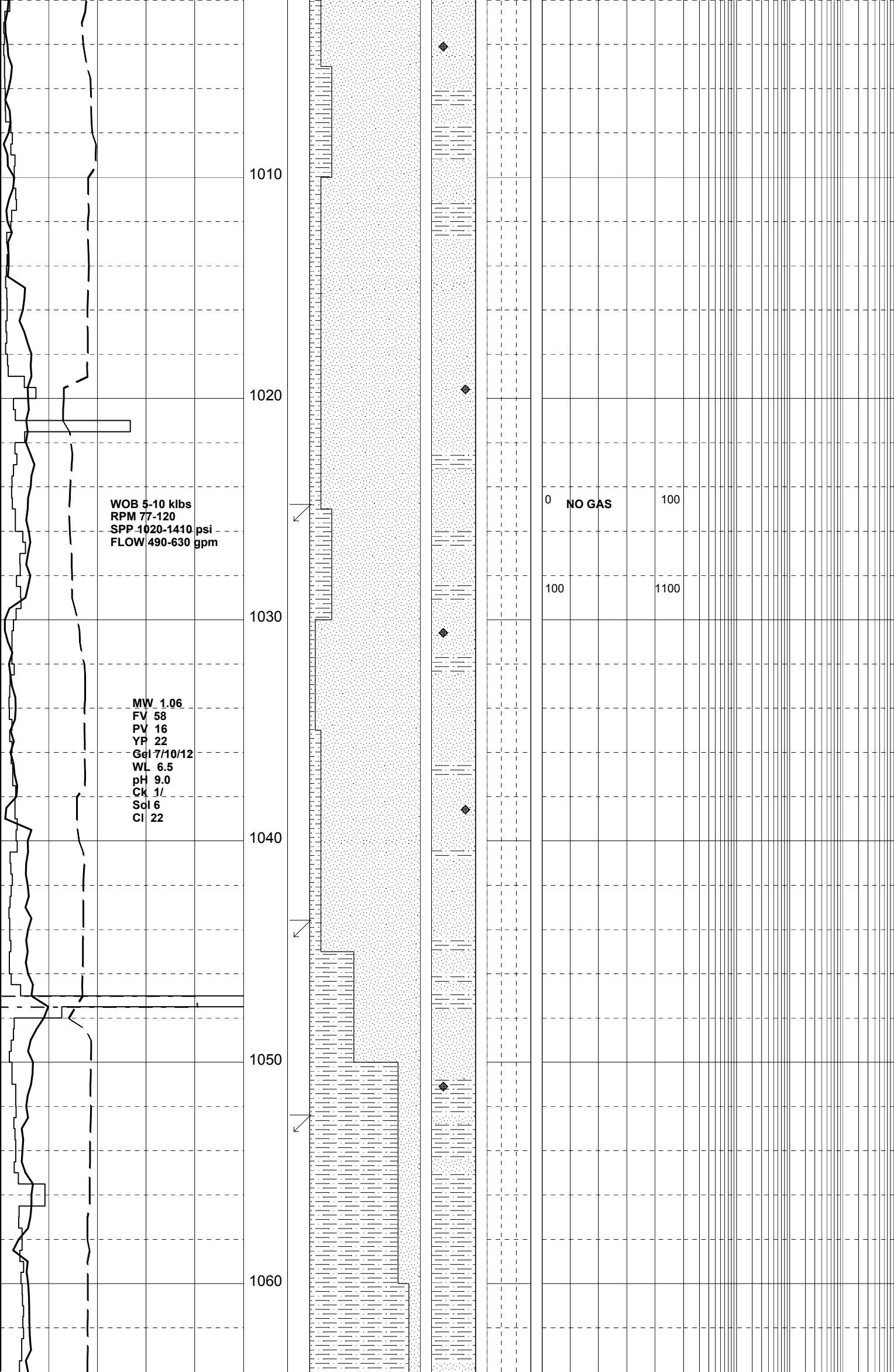
SILTSTONE:pl-mod yelsh brn,occ dsky brn,grysh brn,arg,sli calc, com disseminated pyrite,rr micritic,mnr blk & dk brn liths,dom sft-disp,occ loc hd,subblocky-blky,amorph i/p.

SANDSTONE:translucent-clear,pl brn,first-dyed-milky i/p,pl yel i/p,dom cr crs-v crs, mnr med grs,pr-loc mod srt,sband-rnd, sbang,wk sil cmt,no vis mtx,nod pyrite, gen lse & cln,fr-gd por,no fluor.

SURVEY @ 997.0m: 0.00[†]

WOB 1-10 kibs
RPM 60-115
SPP 1048-1244 psi
FLOW 491-587 gpm

NO GAS



SANDSTONE:trnsI-clr,pl brn,frstd-mlky i/p,dom v crs-crs,mnr med,mod wl srt,sbrnd-rnd,sbang,wk sil cmt,no vis mtx,nod pyr,gen lse & cln,fr-gd por,no fluor.

SILTSTONE:pl-mod yelsh brn,occ grysh brn,arg,com lith spks,tr dissem pyr,v sft-disp,frm i/p,sbblky-amorph i/p.

SANDSTONE:trnsI-clr,opq-frstd,dom med-crs,com v crs,sbang-sbrnd,rr ang,pr srt,wk sil cmt,tr nod pyr gen cln & lse,gd por,no fluor.

SURVEY @ 1025.0m: 0.00°

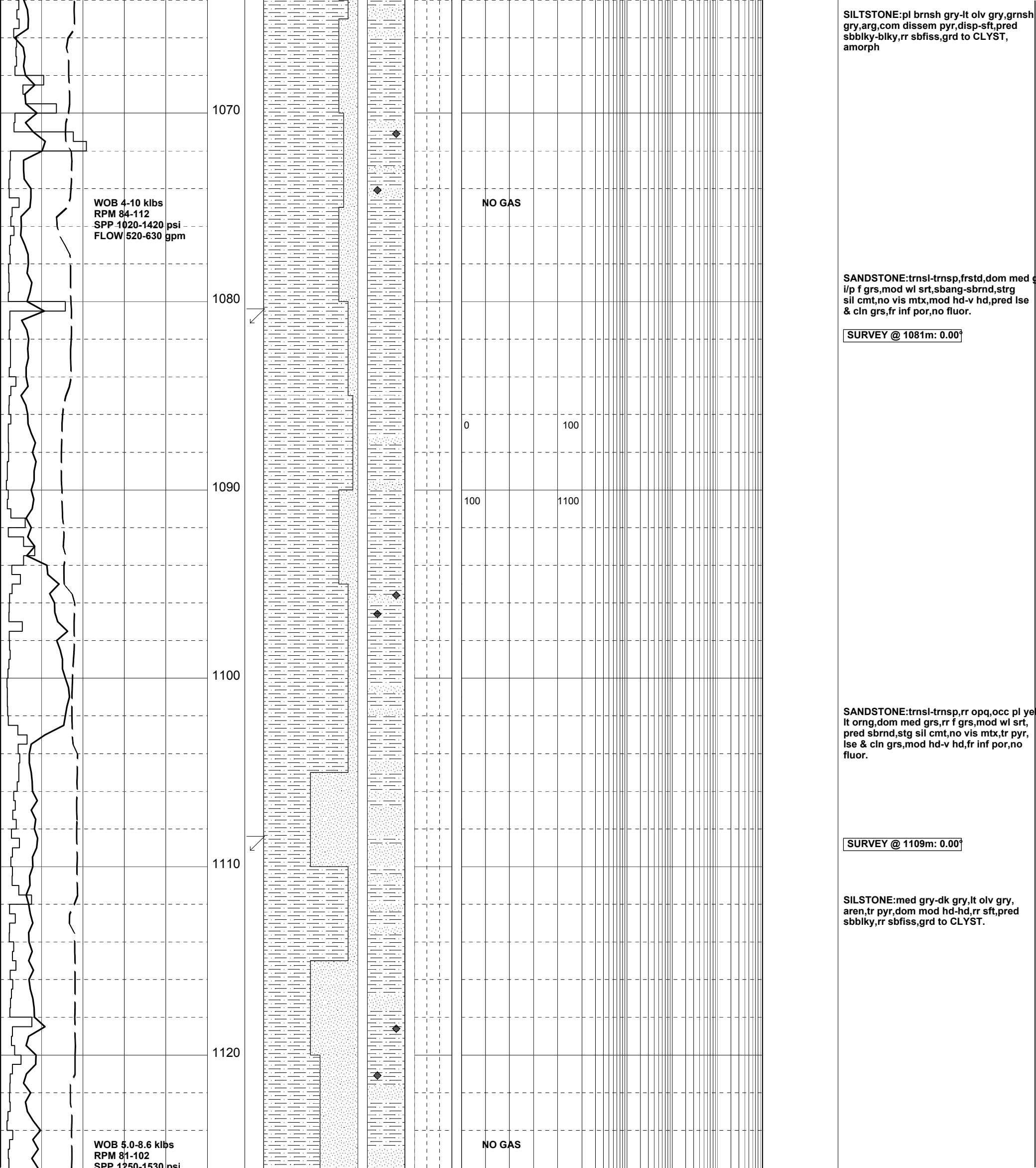
SILTSTONE:pl-dk yelsh brn,brnsh gry,arg,com nod & dissem pyr,tr blk micolams,pred sft-disp,loc frm-mod hd,sbblky-blk,amorph i/p.

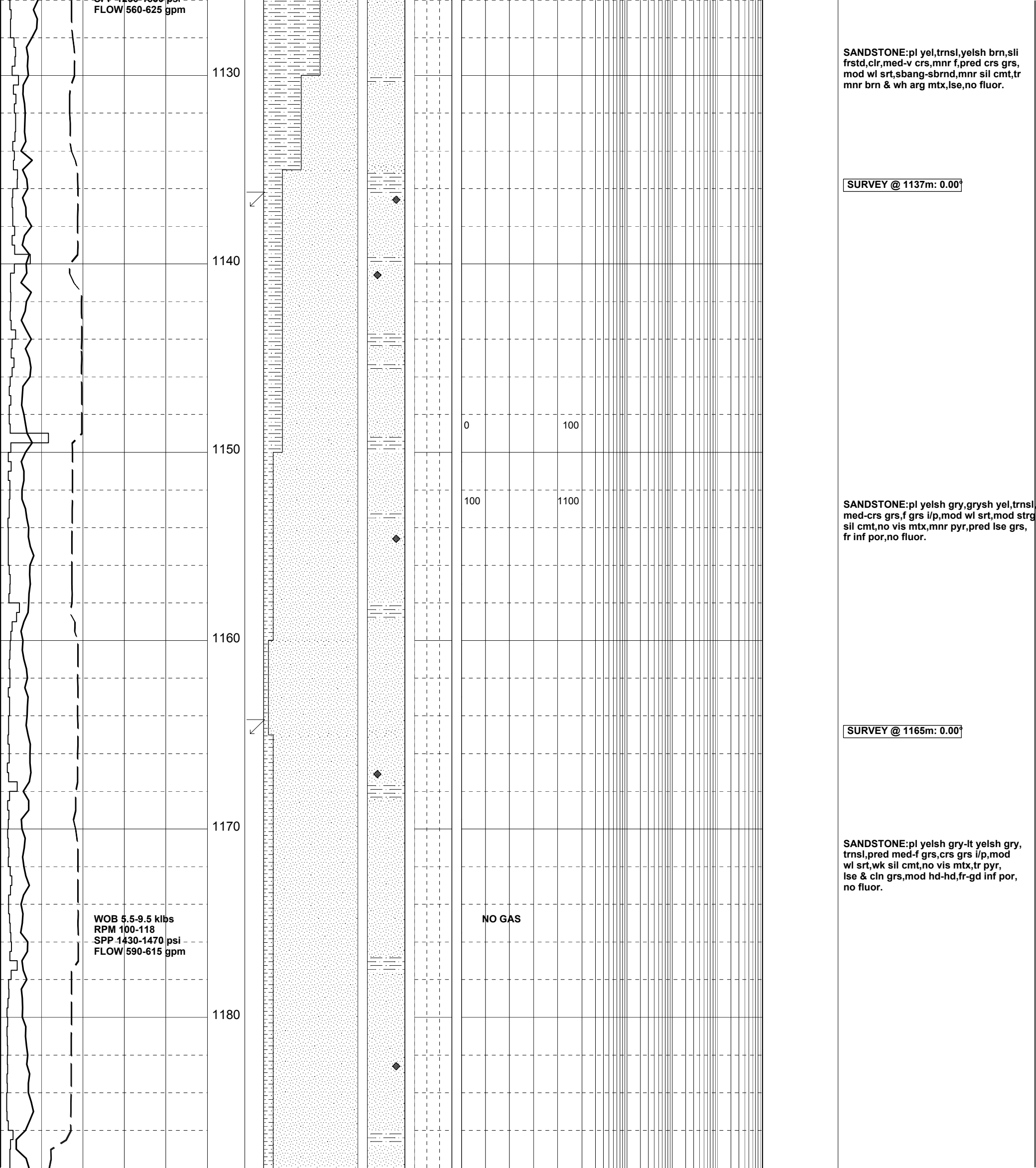
CARBIDE LAG CHECK @ 1037m
THEOR. STKS: 3213
ACTUAL STKS: 3428
HOLE IS 6.0% O.G

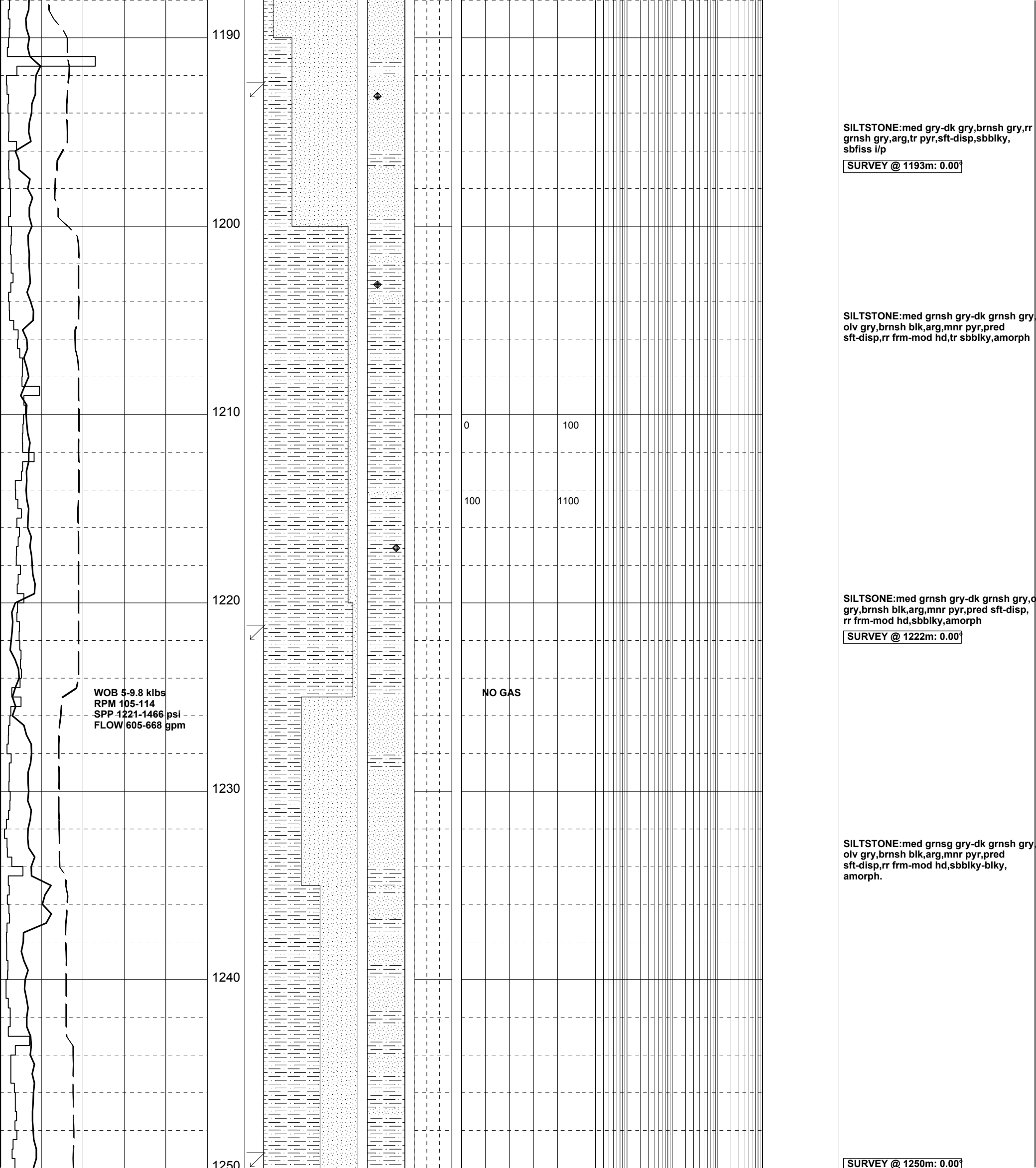
TOTCO SURVEY @ 1044m: 0.00°

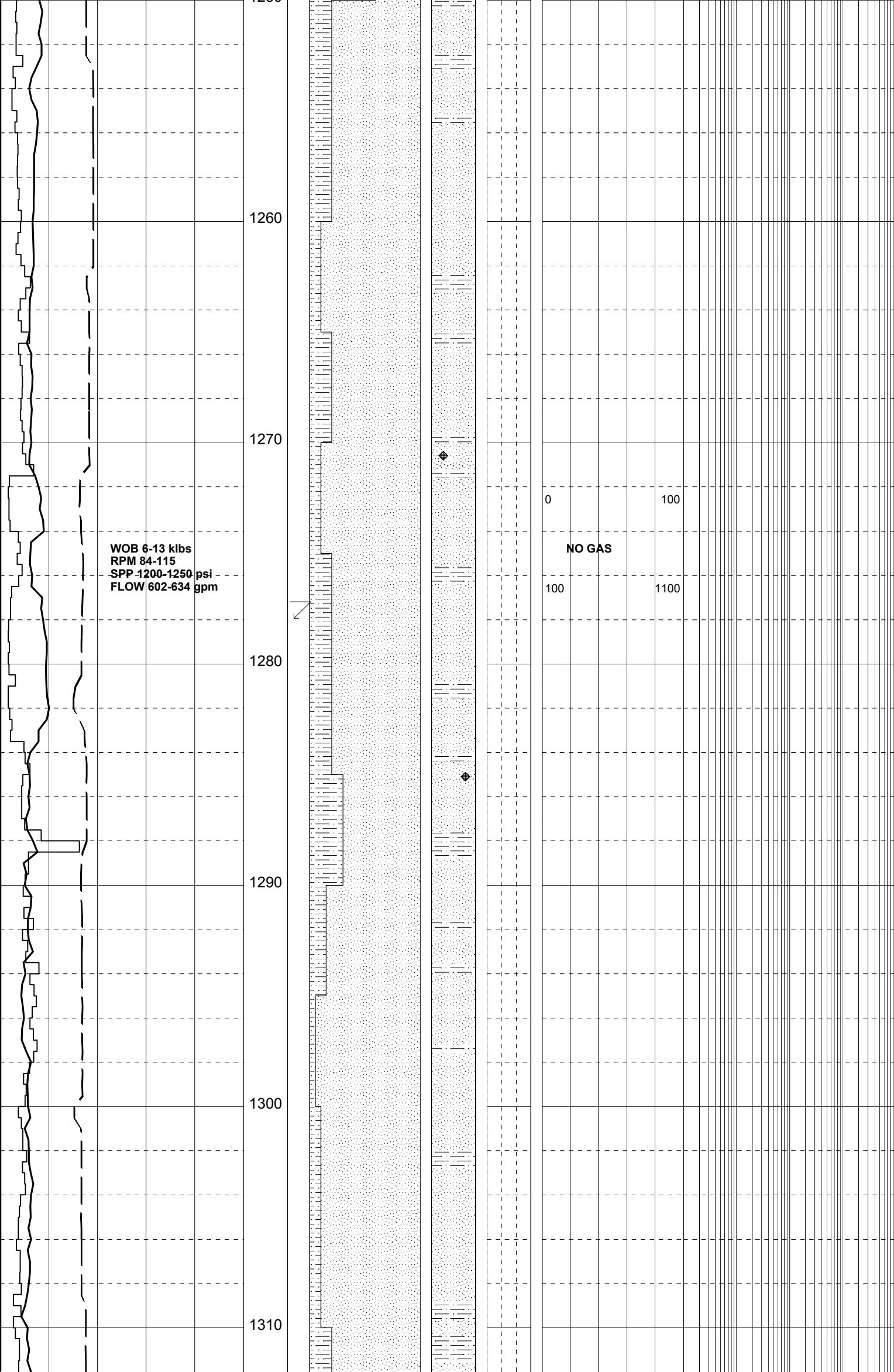
SILTSTONE:pl brnsh gry-med gry,grnsh arg,com dissem pyr,disp-sft,pred sbblky-sbfiss,rr blk,grd to CLYST,amorph

SURVEY @ 1053m: 0.00°









SANDSTONE:clr-trnsl,frstd,pl gry,tr yelsh gry,vf-med,mnr crs grs,dom f grs,mod w loc wl srt,sbang-sbrnd,tr ang,v crs frac grs,tr wk calc & sil cmt,tr grysh brn arg mtx,com muscovite flks,lse & pred cln,fr por, no fluor.

SILTSTONE:lt-med gry,sli brnsh gry, arg,aren,grd to vf SST i/p,com micmic, sft-mnr frm,com disp-sft,blky-sbblky, tr sbfiss i/p,com amorph.

SANDSTONE:trnsl-trnsp,clr,mnr yelsh gry,pred med-f grs,crs grs i/p,mod wl srt,strg sil cmt,no vis mtx,tr carb spks,tr pyr nods,lse,mod hd-hd aggs,fr inf and pr vis por,no fluor.

SURVEY @ 1278m: 0.00°

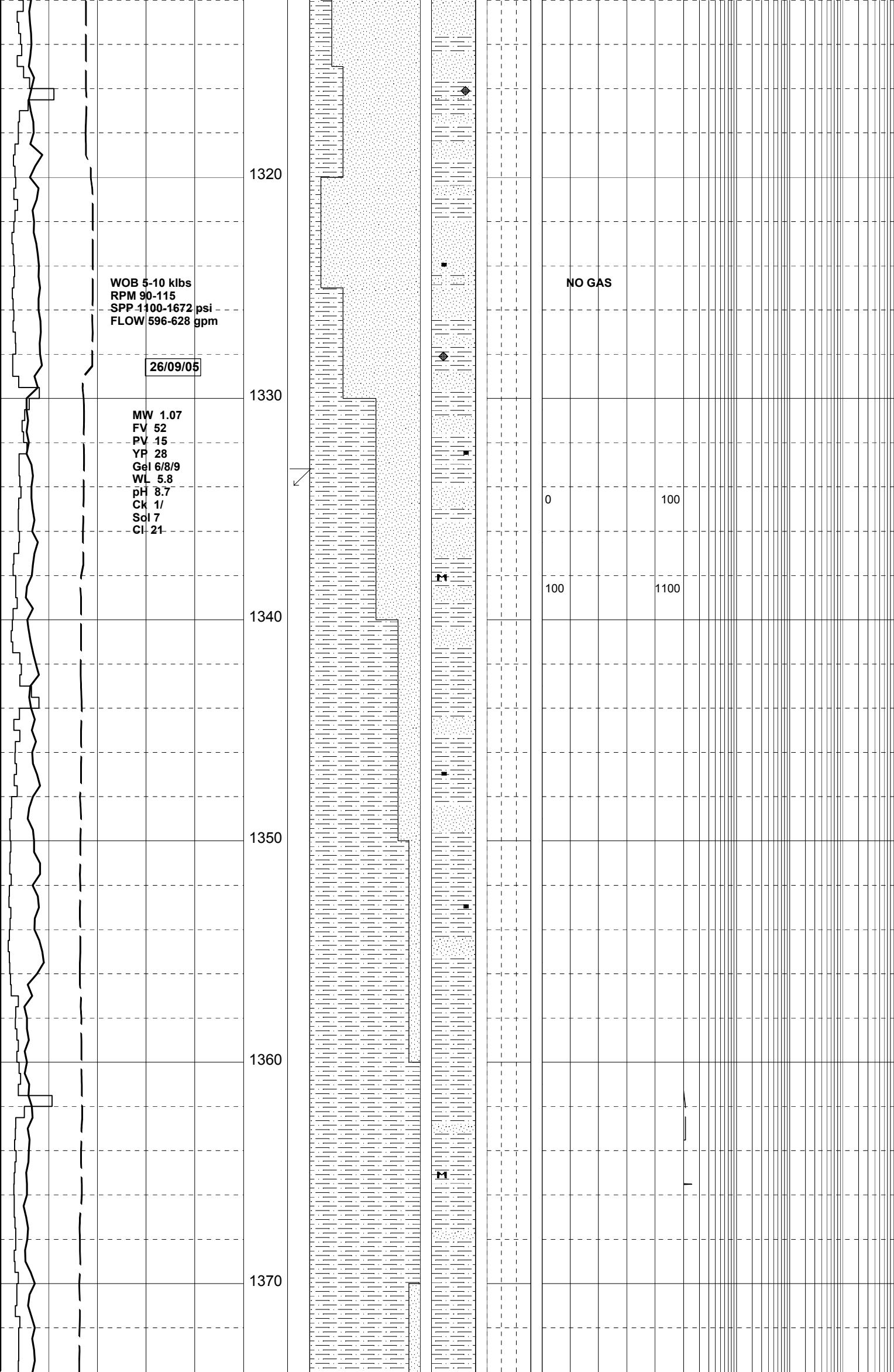
SANDSTONE:trnsl,frstd,mnr clr,sli yelsh gry,vf-v crs,dom med-crs,mod wl srt, sbang-sbrnd,wk sil cmt,rr off wh mtrx, tr blk & pnksh liths, lse & cln,fr por, no fluor.

SILTSTONE:lt-occ dk gry,aren,arg i/p, sft-frm,blky-sbblky,amorph.

SANDSTONE:clr-trnsl,pl gry,pl yel, f-v crs,pred med-crs,mod wl srt,sbang-sbrnd,wk sil cmt,no vis mtx,nod pyr, lse & cln,fr-gd por,no fluor.

CARBIDE LAG CHECK @ 1300m
THEOR. STKS: 3977
ACTUAL STKS: 4200
HOLE IS 5.6% O.G

SANDSTONE:trnsl-clr,tr pl yelsh brn,dom med-f,crs i/p,mod wl srt,wk sil cmt,no vis mtx,wk sil cmt,tr pyr, rr carb spks,lse & cln grs,hd-v hd,fr inf por,no fluor.



SILTSTONE:dk gry,grysh blk,occ med-dk gry,arg,sli calc,occ micmic,mnr disseminated pyr,tr carb spks,dom sft-v sft,occ frm-mod hd,sbbiky-blky.

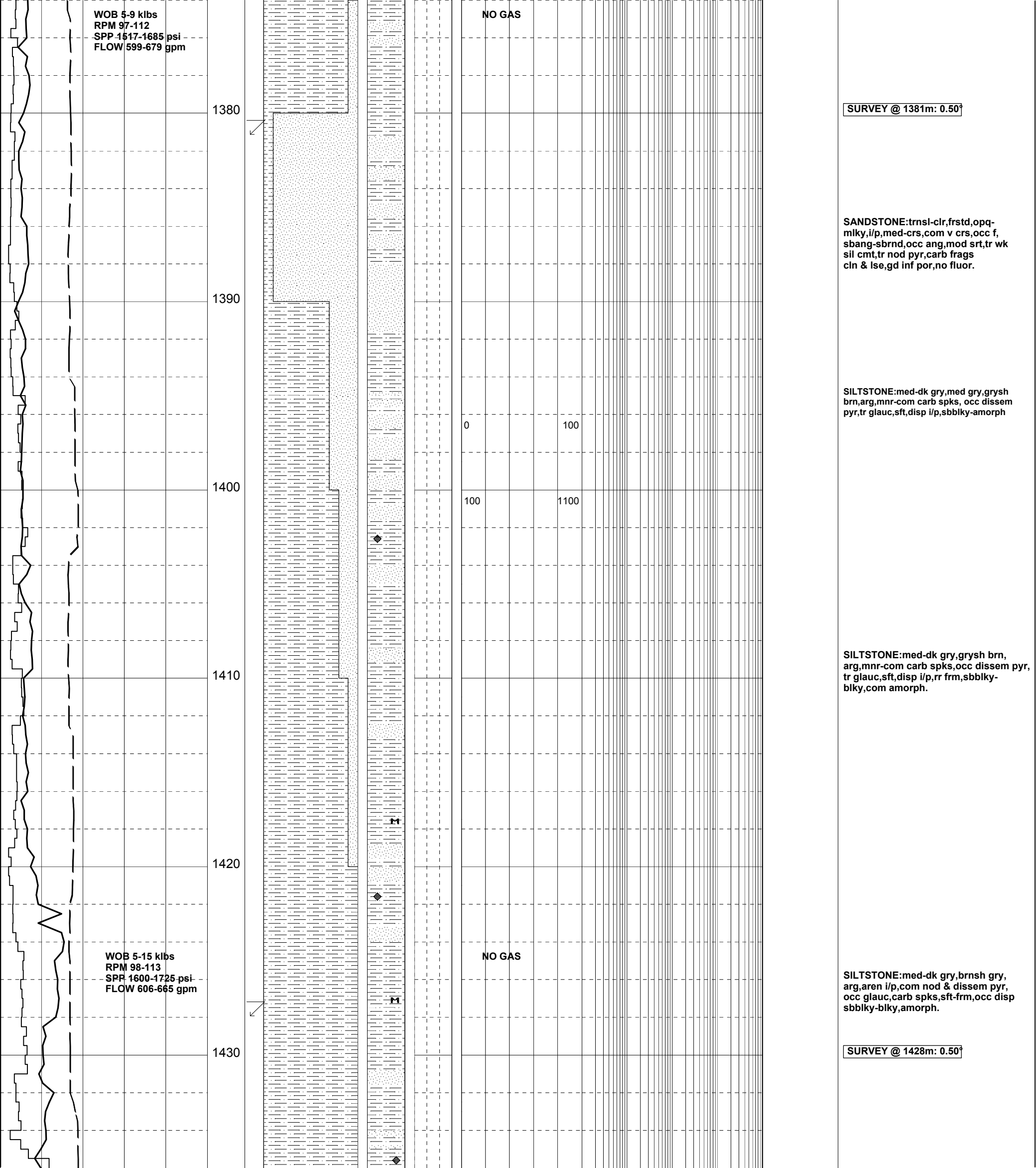
SANDSTONE:trnsi-clr,frstd-opq, med-crs,occ f,rr v crs,sbang-ang,occ sbrnd,wk sil cmt,tr pl-dk gry arg mtx occ carb frags,mnr nod pyr,rr mic flks, gen cln & lse,fr-gd por,no fluor.

SURVEY @ 1334m: 0.00⁹

SILTSTONE:med-dk gry,dk gry,mnr grysh blk,dom arg,com loc aren,occ carb spks,mnr disseminated pyr,v sft-sft, sbbiky-blky.

SILTSTONE:med gry,med-dk gry,arg, aren i/p,occ micmic,tr carb spks,tr glauc,v sft-disp,amorph-sbbiky.

SILTSTONE:med gry,med-dk gry,arg, aren i/p,occ micmic,tr carb spks,tr glauc,v sft-disp,amorph-sbbiky.



WOB 5-9 klbs
RPM 97-112
SPP 1517-1685 psi
FLOW 599-679 gpm

NO GAS

SURVEY @ 1381m: 0.50°

SANDSTONE:trnsI-clr,frstd,opq-
mlky,i/p,med-crs,com v crs,occ f,
sbang-sbrnd,occ ang,mod srt,tr wk
sil cmt,tr nod pyr,carb frags
cln & lse,gd inf por,no fluor.

SILTSTONE:med-dk gry,med gry,grysh
brn,arg,mnr-com carb spks, occ dissem
pyr,tr glauc,sft,disp i/p,sbblky-amorph

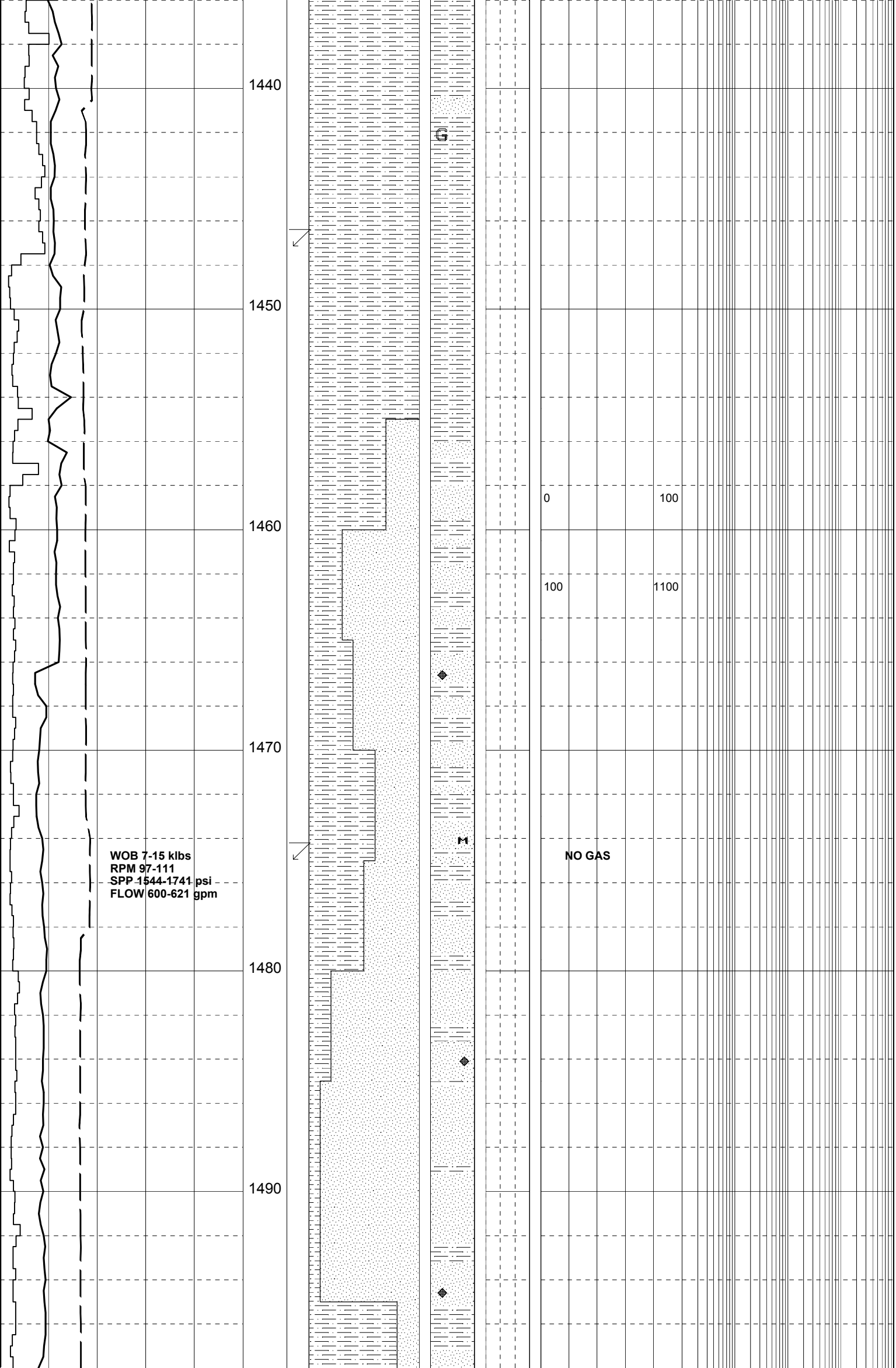
SILTSTONE:med-dk gry,grysh brn,
arg,mnr-com carb spks,occ dissem pyr,
tr glauc,sft,disp i/p,rr frm,sbblky-
blky,com amorph.

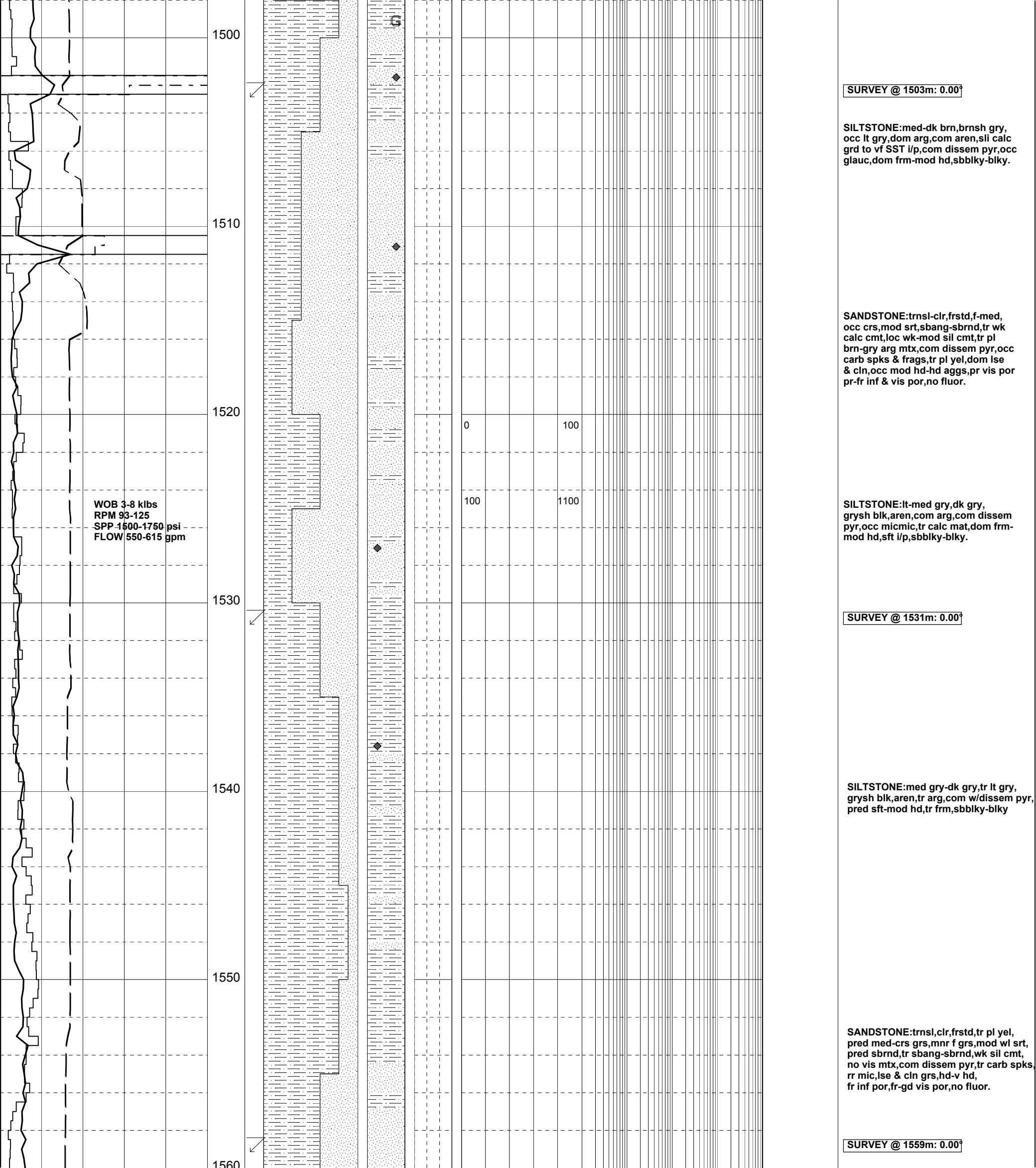
WOB 5-15 klbs
RPM 98-113
SPP 1600-1725 psi
FLOW 606-665 gpm

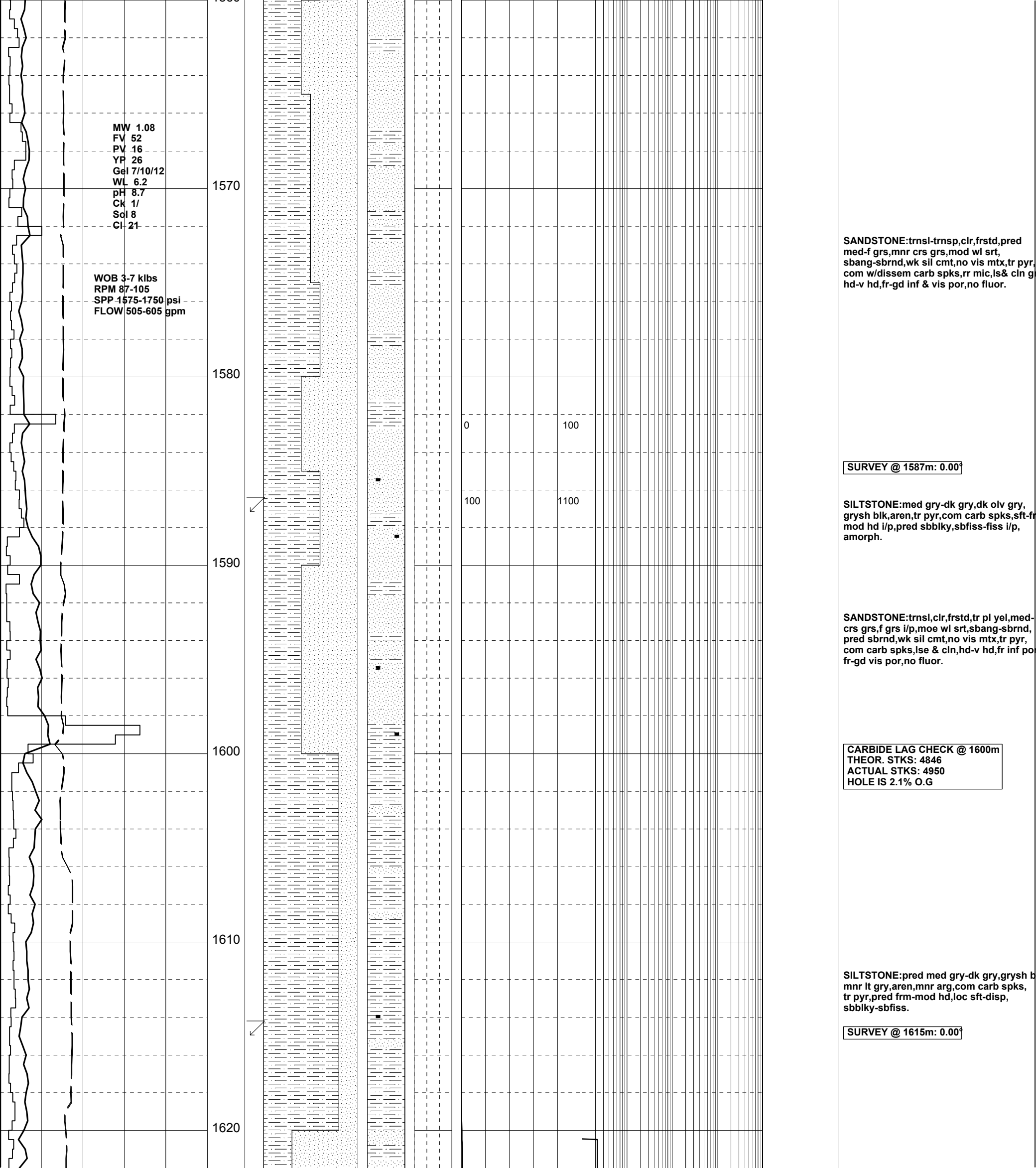
NO GAS

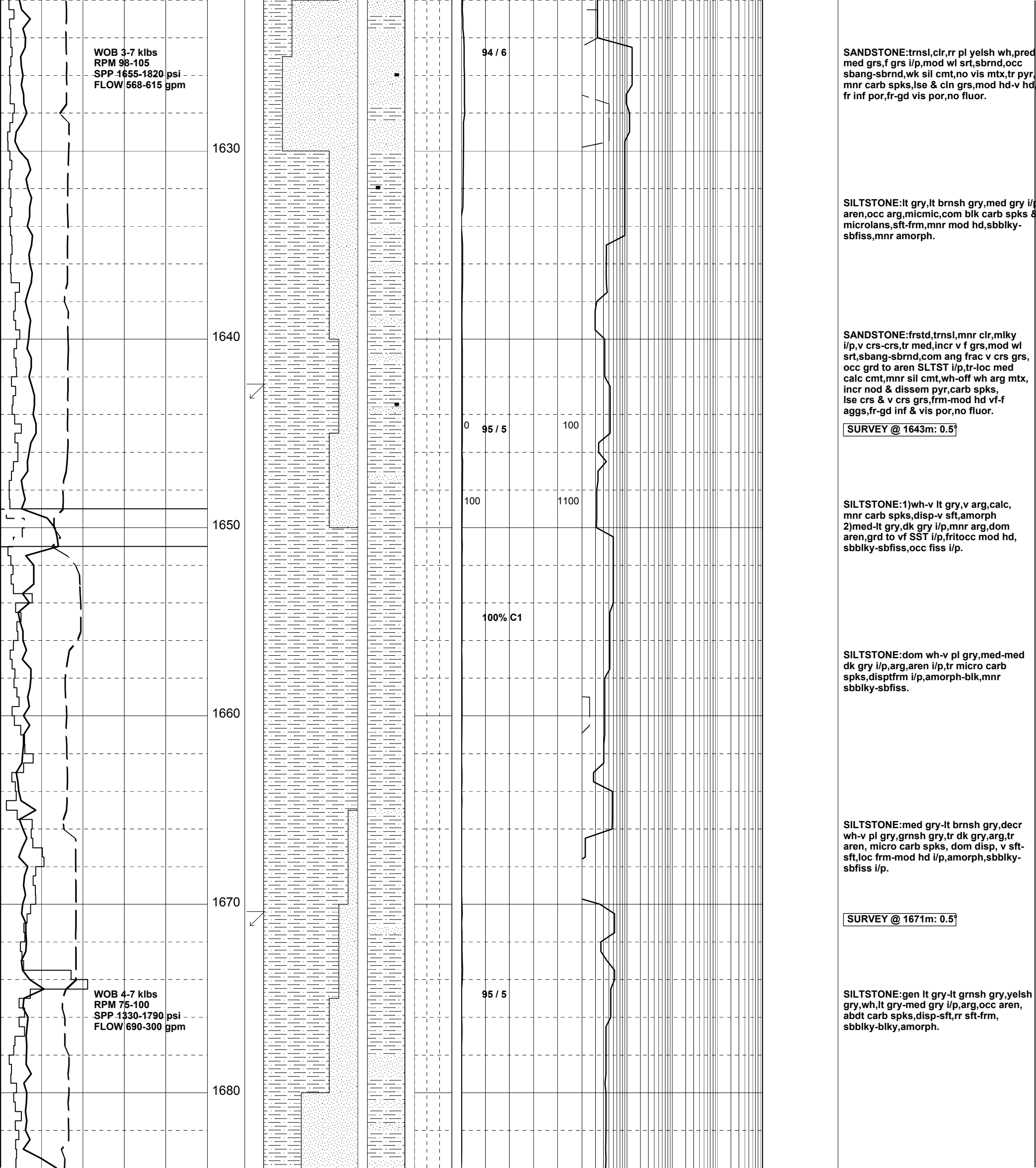
SILTSTONE:med-dk gry,brnsh gry,
arg,aren i/p,com nod & dissem pyr,
occ glauc,carb spks,sft-frm,occ disp
sbblky-blky,amorph.

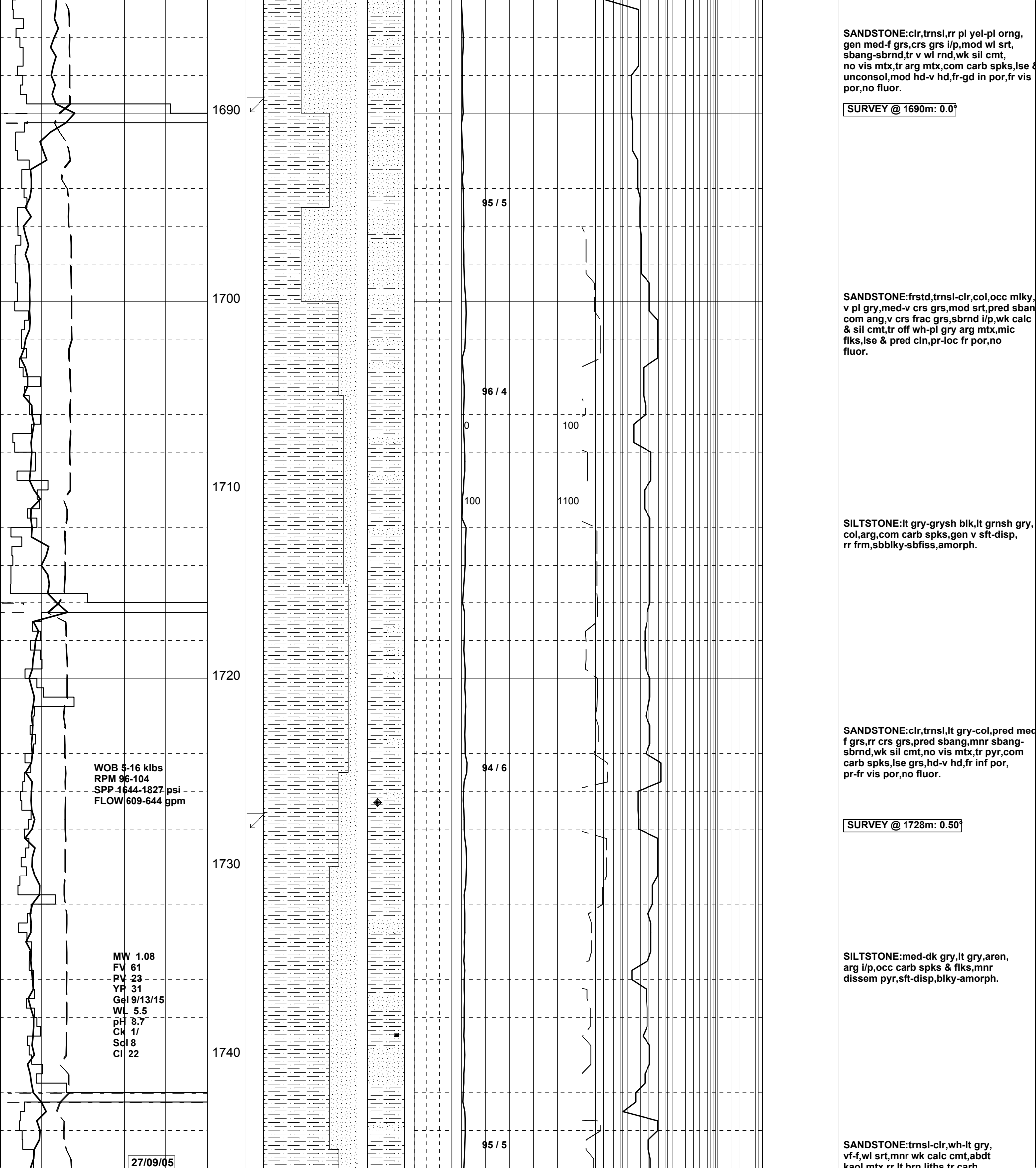
SURVEY @ 1428m: 0.50°











SANDSTONE:clr,trnsl,rr pl yel-pl orng,
gen med-f grs,crs grs i/p,mod wl srt,
sbang-sbrnd,tr v wl rnd,wk sil cmt,
no vis mtx,tr arg mtx,com carb spks,lse &
unconsol,mod hd-v hd,fr-gd in por,fr vis
por,no fluor.

SURVEY @ 1690m: 0.0°

SANDSTONE:frstd,trnsl-clr,col,occ mlky,
v pl gry,med-v crs grs,mod srt,pred sbang
com ang,v crs frac grs,sbrnd i/p,wk calc
& sil cmt,tr off wh-pl gry arg mtx,mic
flks,lse & pred cln,pr-loc fr por,no
fluor.

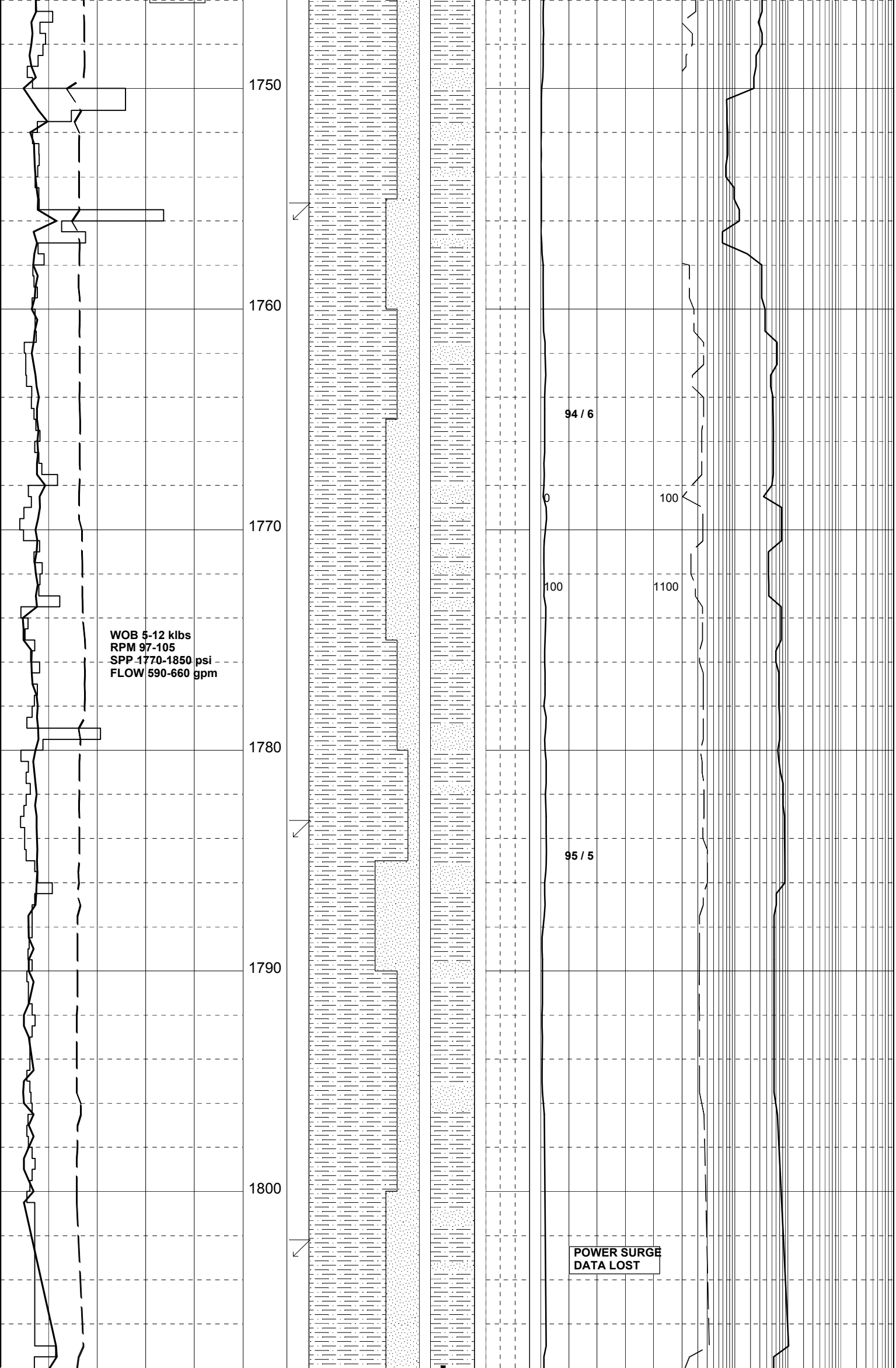
SILTSTONE:lt gry-grysh blk,lt grnsh gry,
col,arg,com carb spks,gen v sft-disp,
rr frm,sbblky-sbfiss,amorph.

SANDSTONE:clr,trnsl,lt gry-col,pred med
f grs,rr crs grs,pred sbang,mnr sbang-
sbrnd,wk sil cmt,no vis mtx,tr pyr,com
carb spks,lse grs,hd-v hd,fr inf por,
pr-fr vis por,no fluor.

SURVEY @ 1728m: 0.50°

SILTSTONE:med-dk gry,lt gry,aren,
arg i/p,occ carb spks & flks,mnr
dissem pyr,sft-disp,blky-amorph.

SANDSTONE:trnsl-clr,wh-lt gry,
vf-f,wl srt,mnr wk calc cmt,abdt
kaol mtx rr lt brn liths tr carb



mat,pyr cmt,fri,occ mod hd,pr vis
por,no fluor.

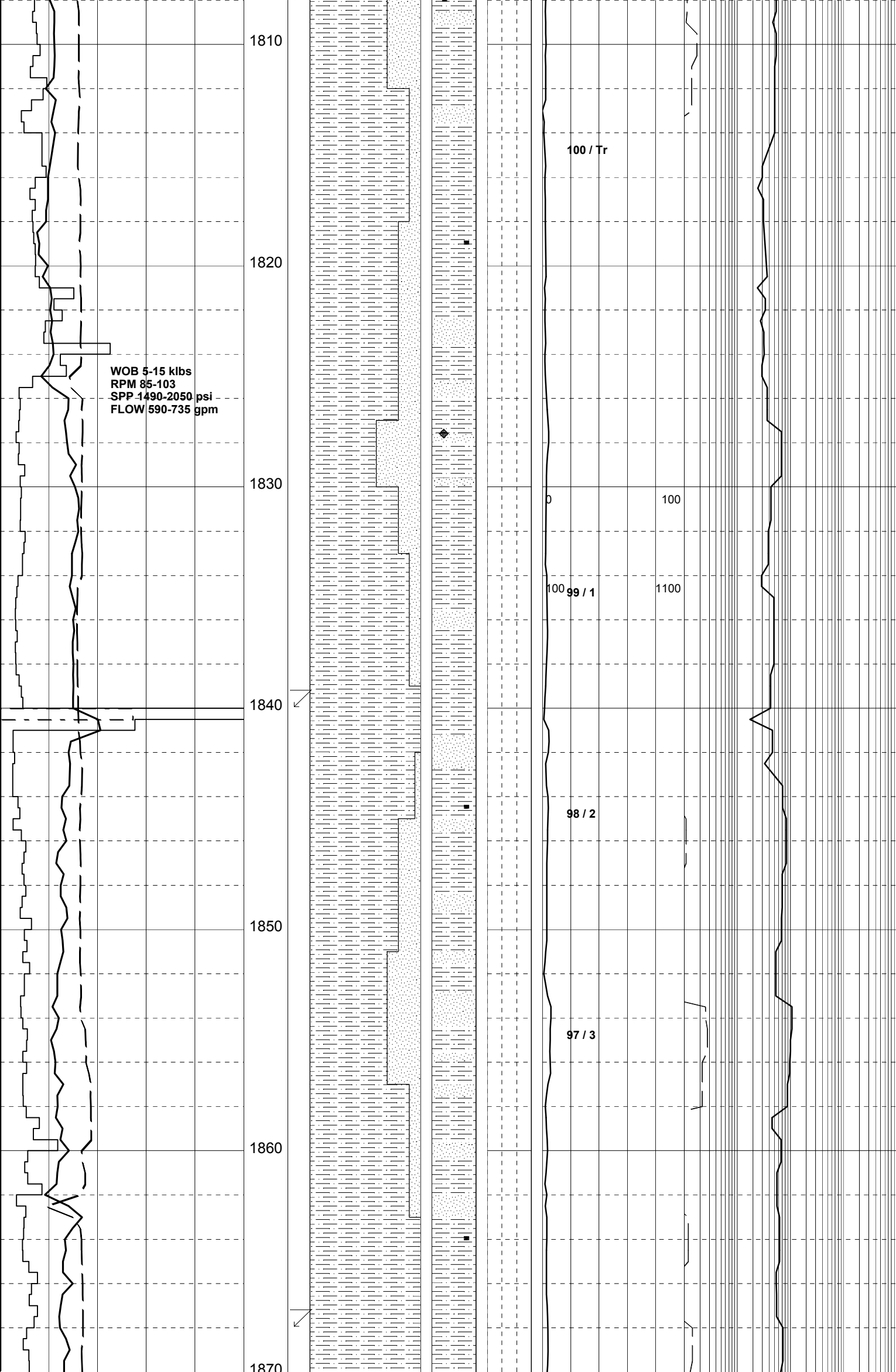
SILTSTONE:med-dk gry,grysh brn,lt
gry,arg,mnr aren,rr glauc,micmic,
tr carb spks,v sft-disp,dom amorph,
blky i/p.

SANDSTONE:trnsI-clr,wh-off wh,v lt
gry,vf-f,tr med,mod wl srt,sbang-sbrnd,
loc abdt pl gry-brn arg mtx,tr kaol mtx,
grd to aren SLTST i/p,tr glauc,carb
spks,dom fri,rr mod hd,pr vis por,no
fluor.

SILTSTONE:med-dk gry,grysh brn,lt
gry,arg,mnr aren,rr glauc,micmic,
tr carb spks,v sft-disp,dom amorph,
blky i/p.

SANDSTONE:trnsI-clr,off wh-v pl gry,
v f-f,wI srt,sbang-sbrnd,tr wk cal cmt,
com-loc abdt pl gry off wh arg mtx,
rr loc kaol mtx,occ carb spks,rr nod
pyr,tr glauc,dom fri,uncons i/p, pr
vis por,no fluor.

SANDSTONE:trnsI-clr,pl gry-off
wh,vf-f,wI srt,tr wk calc cmt,abdt
off wh-pl gry,arg mtx,rr carb spks,
tr nod pyr,fri,pr vis por,no fluor.



SILTSTONE:lt-med gry,brnsh gry,
lt gry i/p,arg,com loc aren,occ
carb spks,sft-disp,sbblky-amorph.

SANDSTONE:trnsI-clr,pl gry-brn,
off wh,vf-f,wI srt,tr sil cmt,abdt
wh-off wh arg mtX,grd to aren SLTST
i/p,mnr-com carb spks & micrlams,tr
dk grn liths,fri,pr vis por,no
fluor.

SILTSTONE:lt-med brnsh gry,med
gry,arg,occ aren,grd to vf SST i/p,
com carb spks,occ micmic,tr dk grn
liths,v sft-disp,blky-amorph.

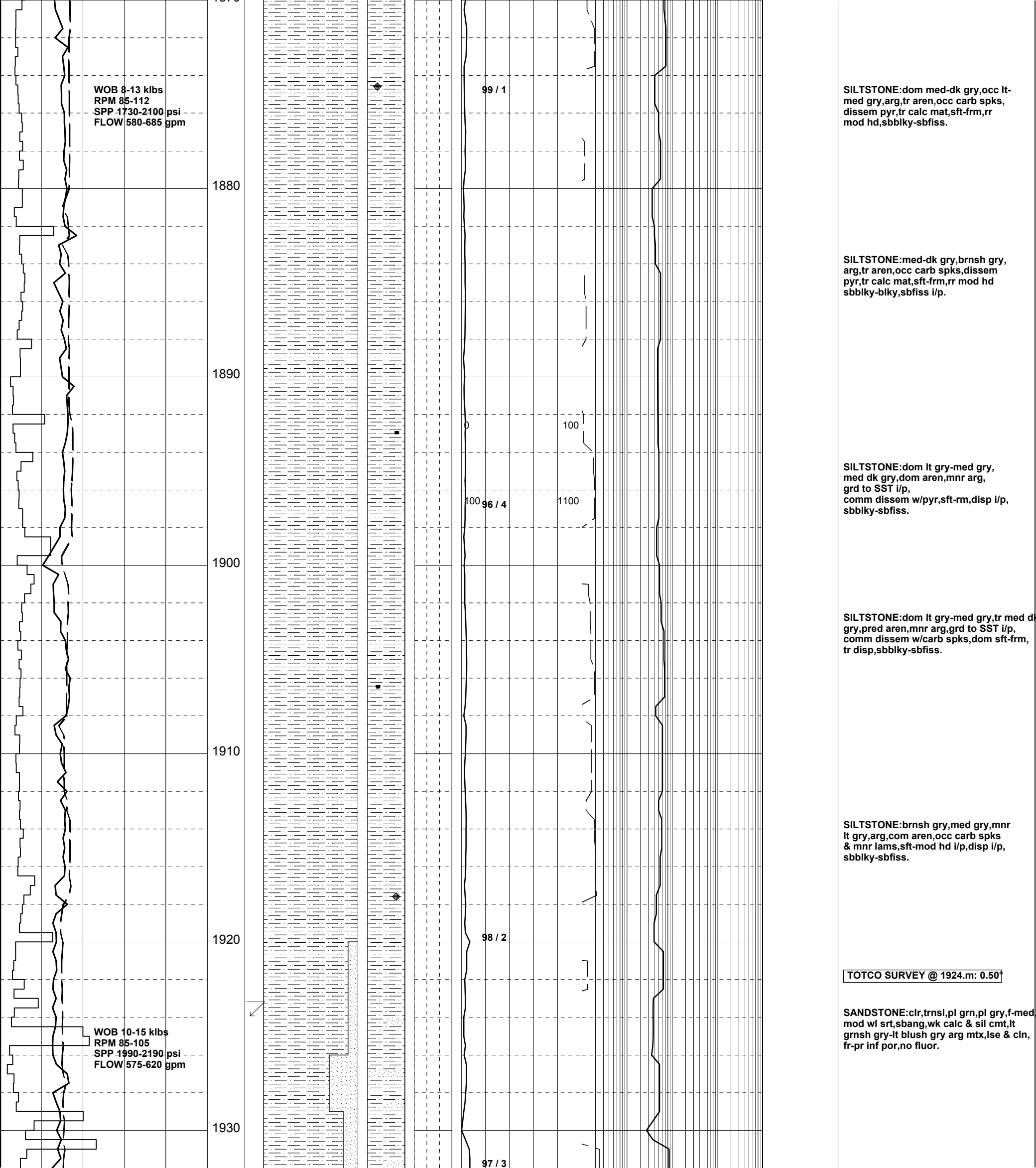
SURVEY @ 1840m: 1°

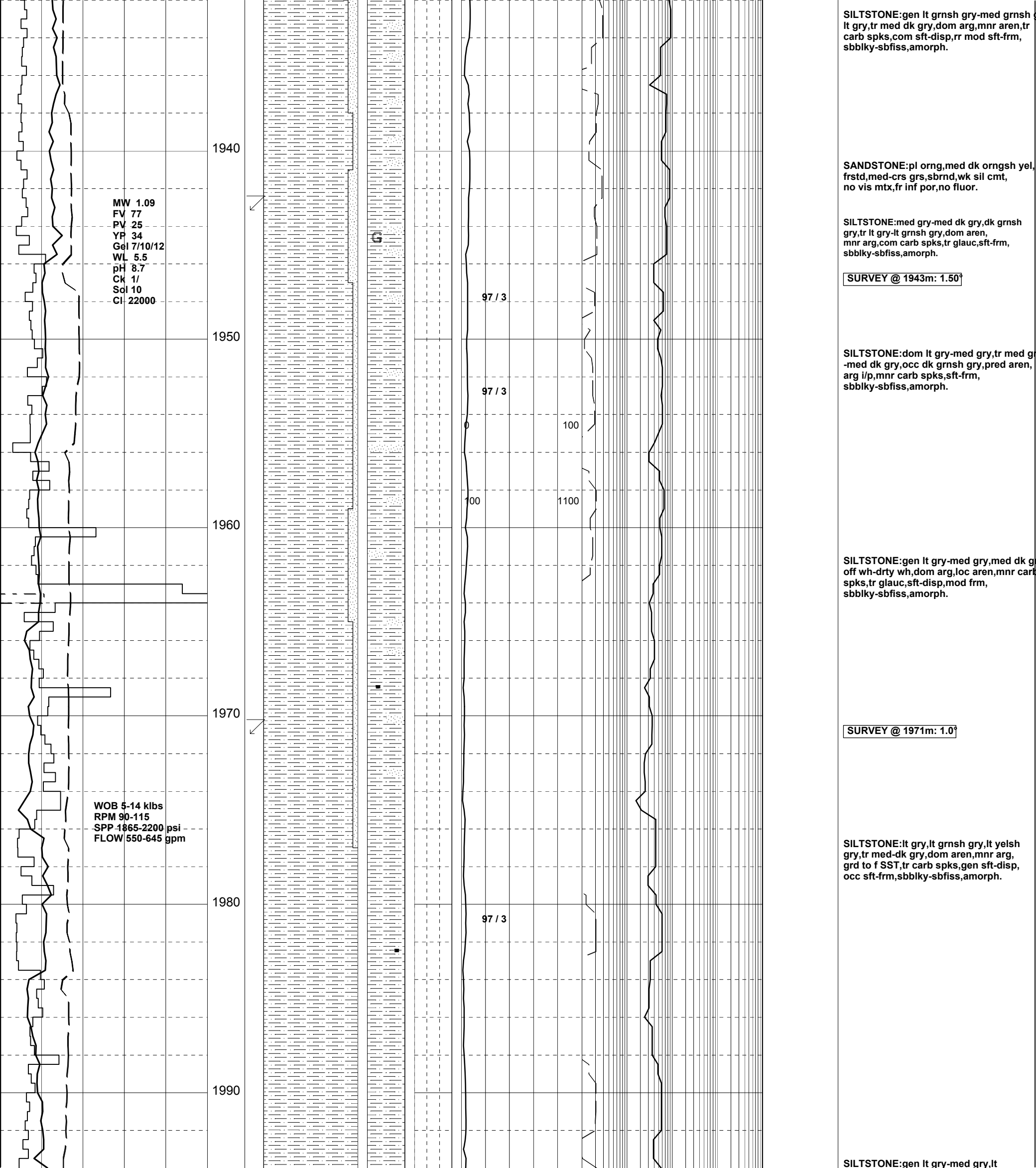
SANDSTONE:trnsI-clr,pl gry-brn,
off wh,vf-f,wI srt,tr calc cmt,abdt
wh-off wh arg mtX,grd to aren SLTST
i/p,mnr-com carb spks & miclrms,tr
micmic,tr dk grn liths,fri,pr vis
por,no fluor.

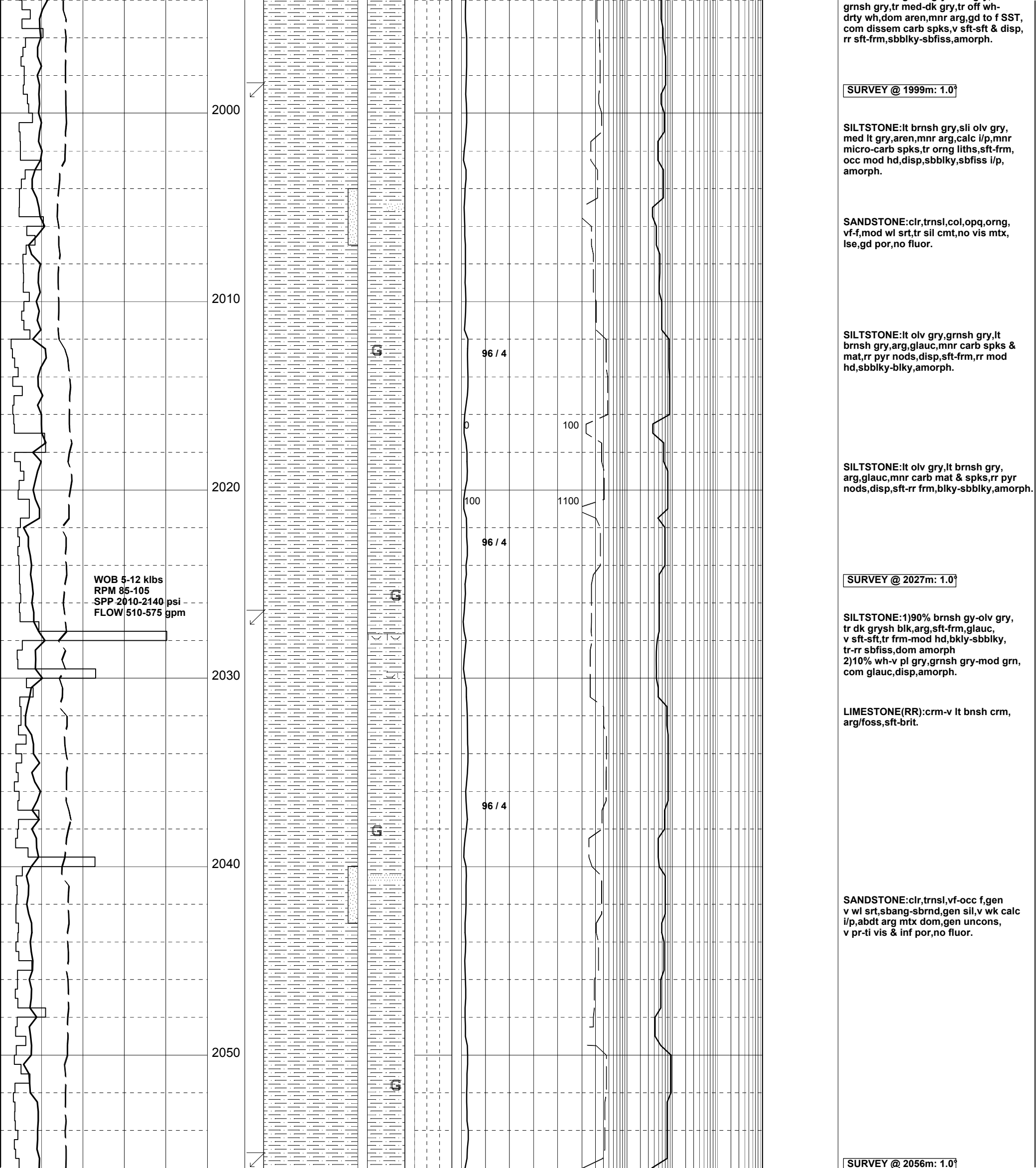
SILTSTONE:lt-med brnsh gry,med
gry,arg,occ aren,grd to vf SST i/p,
com carb spks,occ micmic,tr dk grn
liths,v sft-disp,blky-amorph.

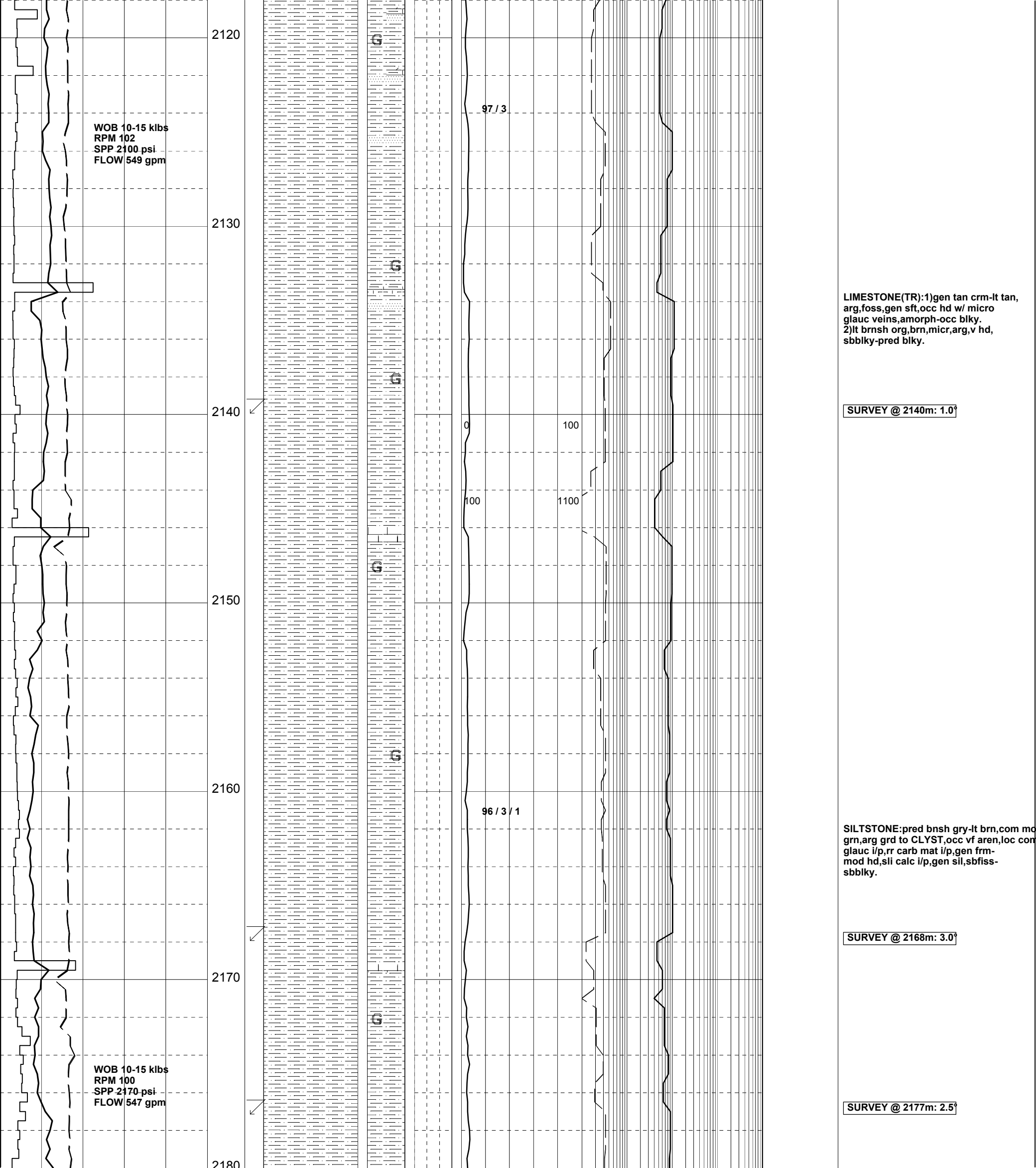
SILTSTONE:med-dk gry,lt-med grysh
brn,arg,com aren,com carb spks,tr
micmic,dom v sft,occ frm-mod hd,
sbblky-blky,amorph i/p.

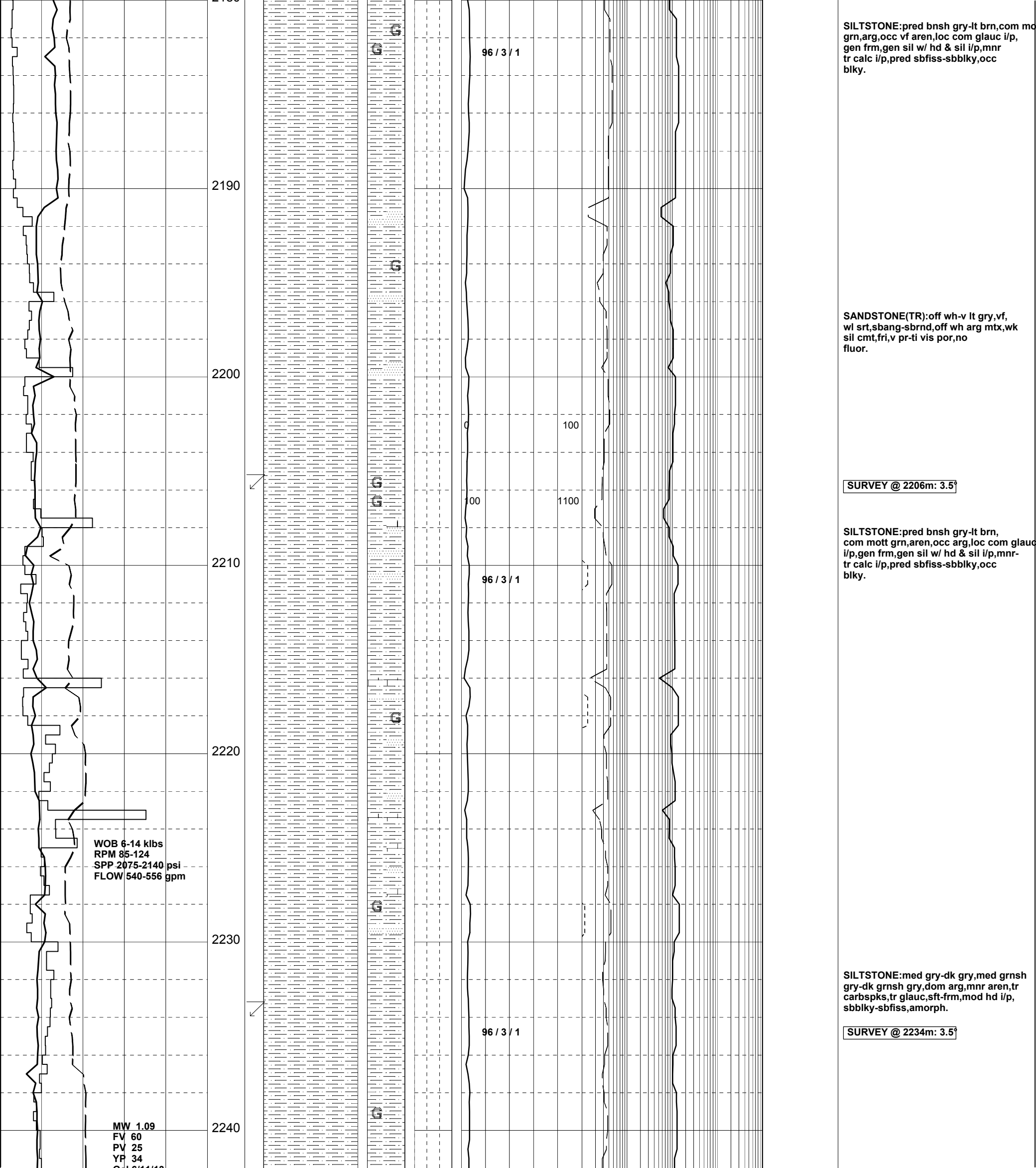
SURVEY @ 1868m: 0.50°

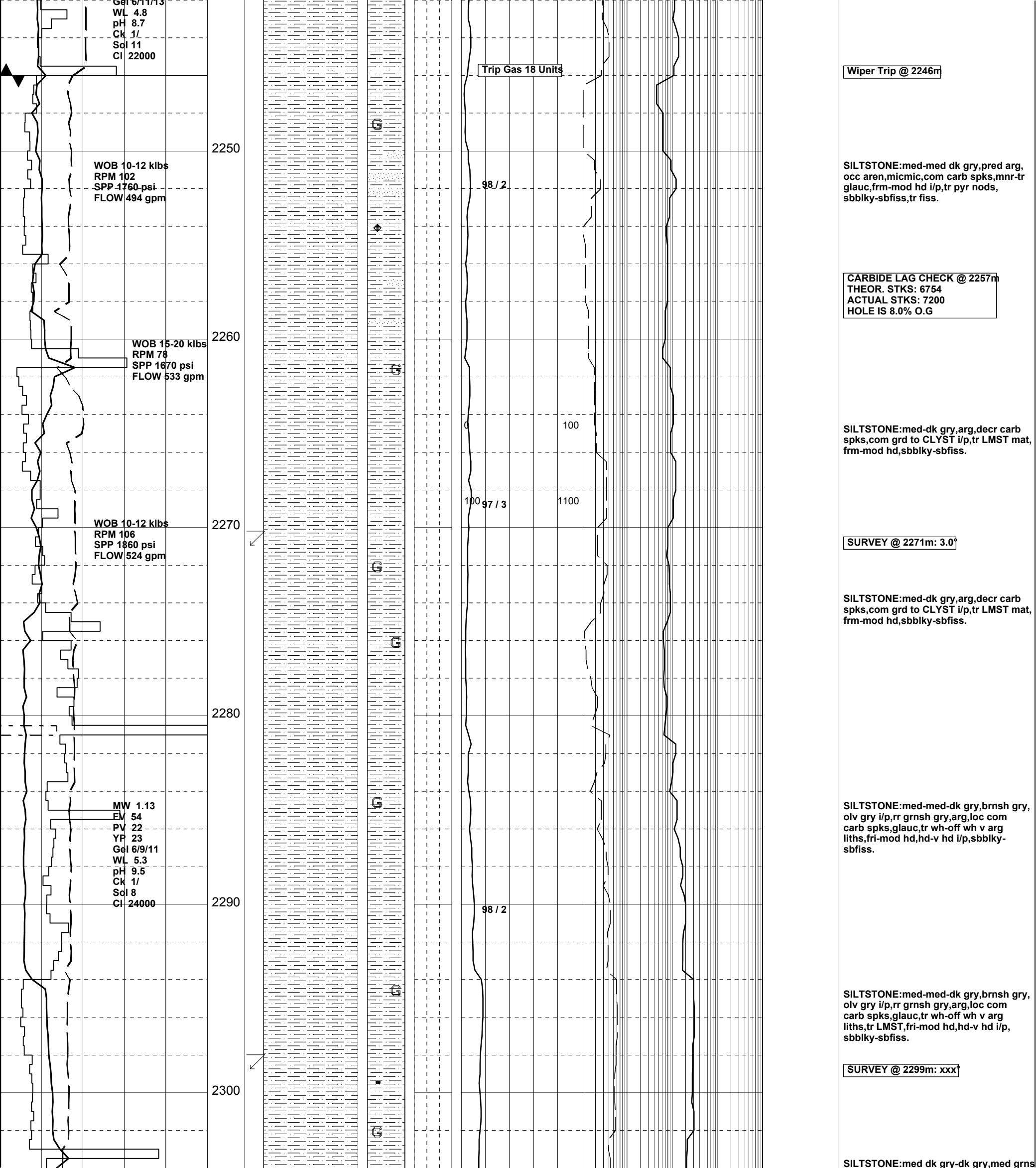


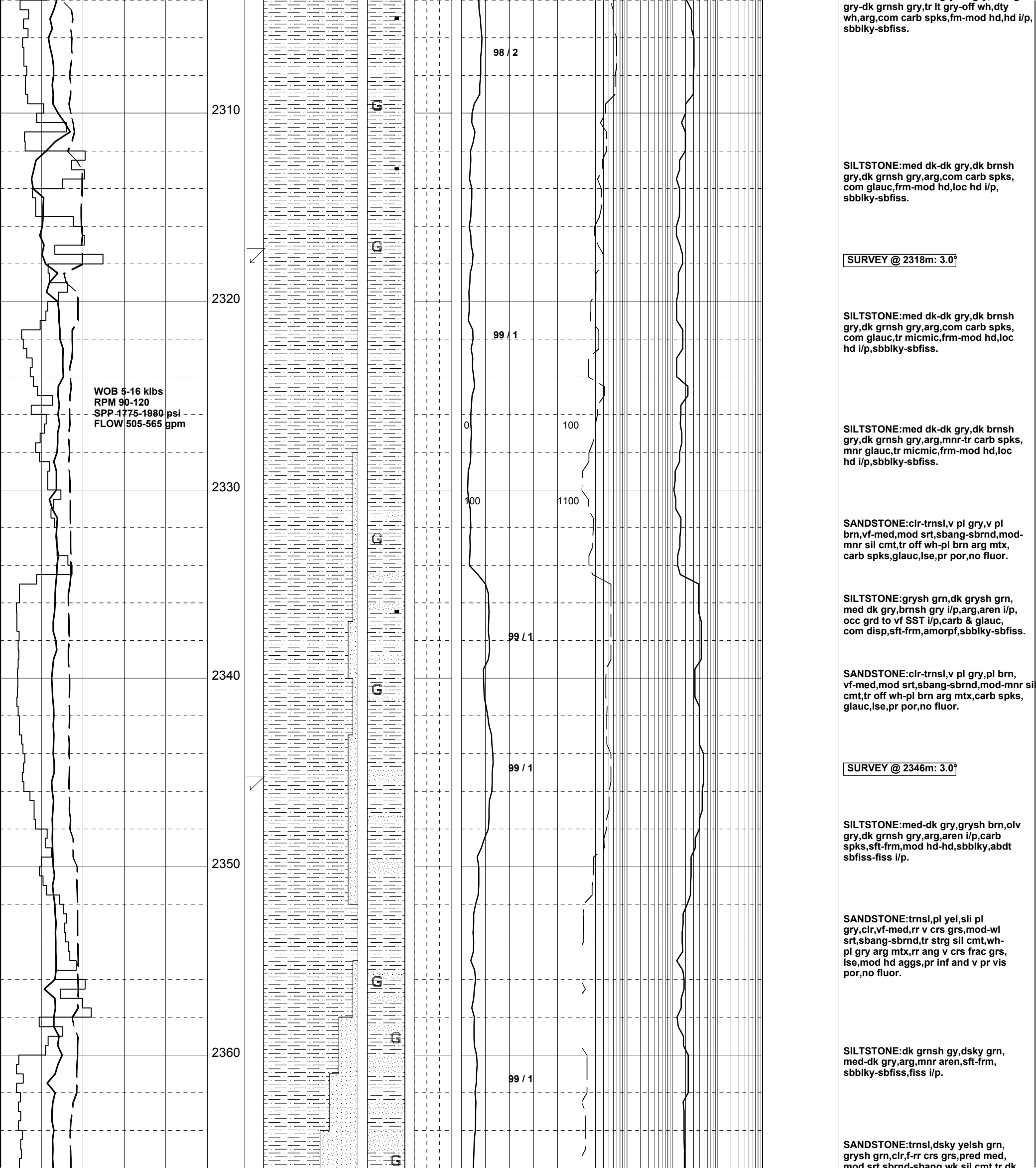












gry-dk grnsh gry, tr lt gry-off wh, dty
wh, arg, com carb spks, frm-mod hd, hd i/p,
sbblky-sbfiss.

SILTSTONE: med dk-dk gry, dk brnsh
gry, dk grnsh gry, arg, com carb spks,
com glauc, frm-mod hd, loc hd i/p,
sbblky-sbfiss.

SURVEY @ 2318m: 3.0°

SILTSTONE: med dk-dk gry, dk brnsh
gry, dk grnsh gry, arg, com carb spks,
com glauc, tr micmic, frm-mod hd, loc
hd i/p, sbblky-sbfiss.

SILTSTONE: med dk-dk gry, dk brnsh
gry, dk grnsh gry, arg, mntr carb spks,
mntr glauc, tr micmic, frm-mod hd, loc
hd i/p, sbblky-sbfiss.

SANDSTONE: clr-trnsl, v pl gry, v pl
brn, vf-med, mod srt, sbang-sbrnd, mod-
mntr sil cmt, tr off wh-pl brn arg mtx,
carb spks, glauc, lse, pr por, no fluor.

SILTSTONE: grysh grn, dk grysh grn,
med dk gry, brnsh gry i/p, arg, aren i/p,
occ grd to vf SST i/p, carb & glauc,
com disp, sft-frm, amorph, sbblky-sbfiss.

SANDSTONE: clr-trnsl, v pl gry, pl brn,
vf-med, mod srt, sbang-sbrnd, mod-mntr si
cmt, tr off wh-pl brn arg mtx, carb spks,
glauc, lse, pr por, no fluor.

SURVEY @ 2346m: 3.0°

SILTSTONE: med-dk gry, grysh brn, olv
gry, dk grnsh gry, arg, aren i/p, carb
spks, sft-frm, mod hd-hd, sbblky, abdt
sbfiss-fiss i/p.

SANDSTONE: trnsl, pl yel, sli pl
gry, clr, vf-med, rr v crs grs, mod-wl
srt, sbang-sbrnd, tr strg sil cmt, wh-
pl gry arg mtx, rr ang v crs frac grs,
lse, mod hd aggs, pr inf and v pr vis
por, no fluor.

SILTSTONE: dk grnsh gy, dsky grn,
med-dk gry, arg, mntr aren, sft-frm,
sbblky-sbfiss, fiss i/p.

SANDSTONE: trnsl, dsky yelsh grn,
grysh grn, clr, f-rr crs grs, pred med,
mod srt sbrnd-sbang wk sil cmt tr dk

SANDSTONE:clr-trnsl,pl gry,frstd,f-med,mod wl srt,sbang-sbrnd,wk sil cmt,pl grnsh gry arg mtx,lse,pr-loc fr vis & inf por,no fluor.

SILTSTONE:pl rdsh brn-grysh rd,
mnr olv gry,dk gry,arg grd to CLYST
i/p,v sft-sli frm i/p,gen blk-
amorph.

SILTSTONE:pl rdsh brn-grysh rd,mnr-
rr olv gry,dk gry,arg grd to CLYST
i/p,v sft-sli frm i/p,pred amorph w/
occ blkly aggs.

SILTSTONE:lt-med gry,grysh brn,com
rdsh brn,mnr mott gry & grn i/p,v arg
grd to **CLYST**,mnr aren i/p,mod calc i/p,
com stky,gen v sft,grysh brn mod frm,
fiss-amorph,com disp.

SANDSTONE: med-dk grysh brn, mnr v lt brnsh crm, com mott w/ grn & dk liths, vf, v wl srt, sbang-sbrnd, mod stng calc cmt, dom arg-slty mtx, com liths & mnr chlor, com fri-mod frm i/p, occ frm-mod hd, v pr-ti vis por, no fluor.

SANDSTONE:dk gry,com mott dk gry
brn,vf-occ f,mod wl srt,sbang-
sbrnd,mod calc cmt,dk slty-arg mtx,
rr-tr glauc i/p,v fri-frm i/p,v pr

