DIVERSIFIED WELL LOGGING, LLC

711 W TENTH ST
RESERVE, LA 70084
800-280-2096

COMPANY: Bayswater E&P, LLC
WELL: GD Hanks T-27-28-HC
FIELD: Wattenberg **COUNTY:** Weld **STATE:** Colorado
LOCATION: SWSE 27 7N66W 6 PM
LAT: 40.542048 / LONG: -104.759854
Interval Logged: 5850 **To:** 18315 **G.L.:** 4876 **K.B:** 4901
Date Logged: 04/17/2018 **To:** 04/24/2018 **Spud Date:** 04/17/2018
Rig: True #38 **Unit No.:** DLT003
Loggers: Russell Frommer Grant Lowey
Api No.: 05-123-46279
Filename: gd_hanks_t-27-28-hc.mlw
Geologist: Kevin Smith

Created By MainLog

Abbreviations:

NB...New Bit
CO...Circ Out
NR...No Returns
TG...Trip Gas
WOB...Wt on Bit
RPM...Rev/Min
SG...Survey Gas
DST...Drill Stem Test
DS...Directional Survey
CG...Connection gas
LAT...Logged After Trip
PP...Pump Pressure
SPM...Strokes/Min
DTG...Down Time Gas

Mud Data

WT..Weight
PH..Acidity
CHL..Chlorides
V..Viscosity
F..Filtrate
SC..Solids Content

Lithology Symbols:

Anhydrite, Salt, Granite
Siltstone, Chert, Sandstone
Dolomite, Conglomerate, Limestone
Coal, Shale, Bentonite
Carb Shale, Granite Wash, Quartz Wash
Red Sh, Org Sh, Green Sh
Chalk, Marlstone, CL 3
CL 4, CL 6, Cust Sh6

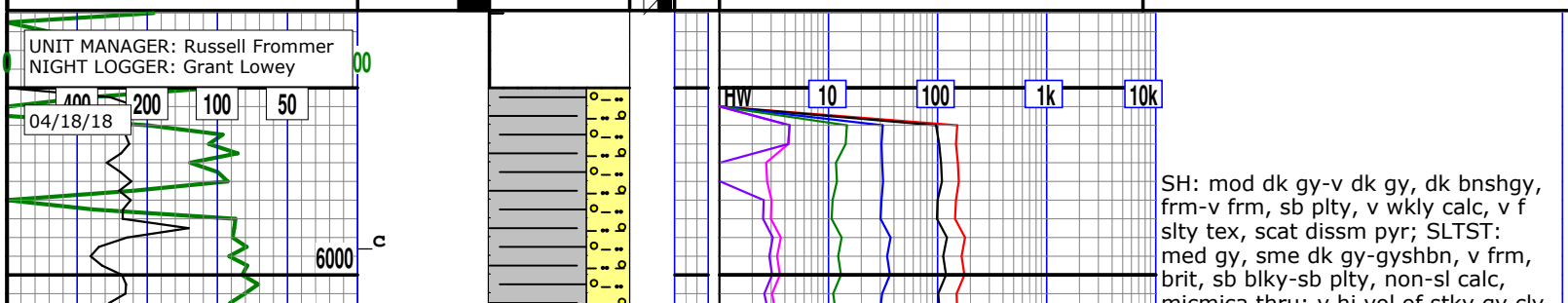
Accessories

Glauconite, Pyrite, Fossils, Oolites
Fractures, Cement

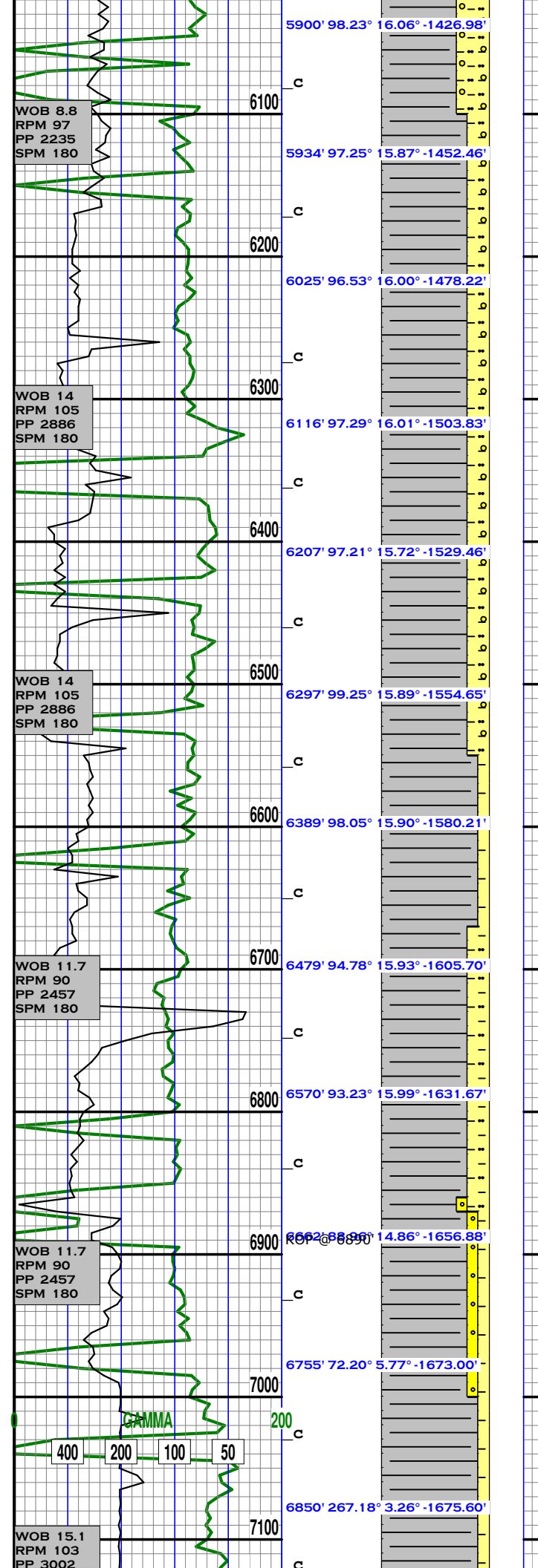
Gas Chromatograph Analysis:

TG
C1
C2
C3
IC4
NC4
IC5
NC5

0 GAMMA API 200	Vis Por Tr / p f g	Lithology	% Oil Flu Tr / p f g	Cut Tr / pfg	Total Gas/Chromatograph	Descriptions/Remarks
Drilling Rate FT/HR						



SH: mod dk gy-v dk gy, dk bnshgy, frm-v frm, sb plty, v wkly calc, v f slty tex, scat dissm pyr; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru; v hi vol of stky gy sly



SH: mod dk gy-v dk gy, dk bnshgy, frm-v frm, sb plty, v wkly calc, v f slty tex, scat pyr incl; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru

SH: mod dk gy-v dk gy, dk bnshgy, frm-v frm, sb plty, v wkly calc, v f slty tex, scat pyr incl; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru, occ sl sdy

SH: mod dk gy, dk bnshgy, frm-v frm, sb plty, v wkly calc, f-v f slty tex, scat pyr incl; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru

SH: mod dk gy, dk bnshgy, frm-v frm, sb plty, v wkly calc, f-v f slty tex, scat pyr incl, slty; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru

SH: dk gy,dk bn, frm - plty, sl calc, f-v f slty lam tex, scat dis pyr, slty; SLTST: lt - med gy, v frm, brit, sb blky-plty, rthy txt, non-sl calc, micmica thru; hi vol of ly gy cly ip, tt

SH: med - dk gy,dk bn, frm - plty, sl calc, f-v f slty lam tex, scat dis pyr, rr carb grs, SLTST: lt - med gy, v frm, brit, sb blky-plty, rthy txt, non-sl calc, micmica thru; mod vol of ly gy cly ip, tt

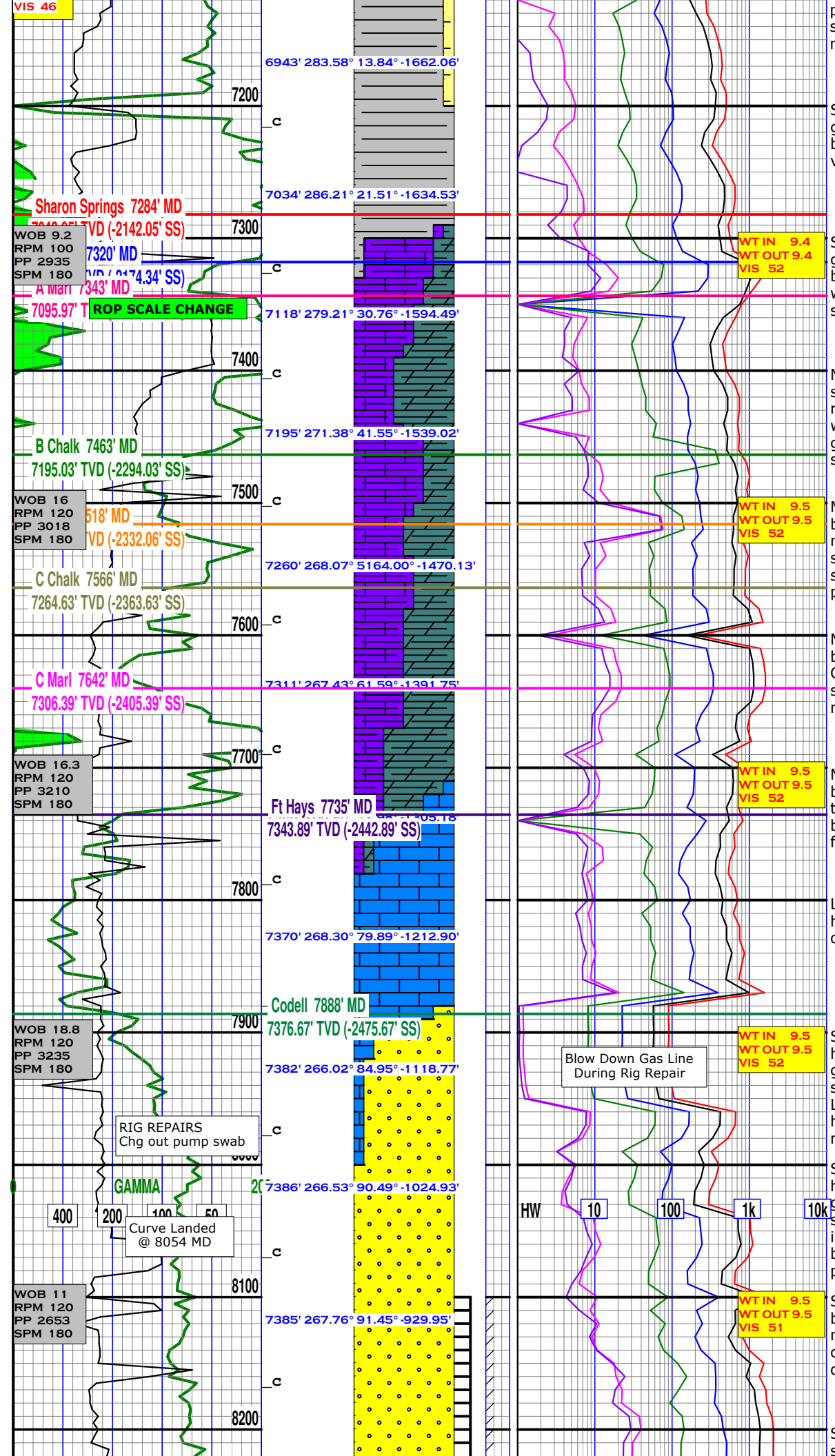
SH: med - dk gy,dk bn, frm - plty, sl calc, f-v f slty lam tex, scat dis pyr, rr carb grs, SLTST: lt - med gy, v frm, brit, sb blky-plty, rthy txt, non-sl calc, micmica thru; mod vol of ly gy cly ip, tt

SH: lt m- dk gy,dk bn, frm - plty, sl calc, lam tex, scat dis pyr, rr carb grs, SLTST: lt - med gy, v frm, brit, sb blky-plty, rthy txt, non-sl calc, micmica thru; mod vol of ly gy cly ip, tt

SH: dk gy-, dk bnshgy,frm-v frm, sb plty, v wklycalc, v f slty tex, scat pyr incl; SLTST: med gy, sme dk gy-gyshbn, v frm, brit, sb blky-sb plty, non-sl calc, micmica thru; SST: s&p med-lt gy, vf-f grnd, sb ang-ang, mod-w srtd, w cons, hd, brit, blky, com micmica

SH: dk gy, dk bn, mod sft, sb plty, sl calc, v f lam tex, scat pyr, ; SLTST: lt - med gy, v frm, brit, sb blky-sb plty, rthy txt, non-sl calc, micmica, tt.

SH: dk gy, dk bn, mod sft, sb plty, sl calc, v f wxy lam tex, scat



pyr, ; SLTST: lt - med gy, v frm, brit, sb blky-sb plty, rthy txt, non-sl calc, micmica, tt.

SH: predy lt-med gyshbn, med - dk gy, tr blk, frm, brit, sb plty, sme sb blky, slty tex, dull, sme v thnly lam, v wkly calc, micmica, rr dissm pyr

SH: predy lt-med gyshbn, med - dk gy, tr blk, frm, brit, sb plty, sme sb blky, slty tex, dull, sme v thnly lam, wkly calc, micmica, com bri grnshyl spl flor

MRLST: gyshbn - dk gy, sft, brit - sli fri, sb blky - sb plty, slty, dul - rthy, v calc, scat dissm pyr, hily wthrd appr: CHK: med - dk gyshbrn, sme brn, sft, fri, sb blky, sb wxy on frsh surf, wthrd

MRLST: gyshbn - dk gy, hd, brit, sb blky - sb plty, slty, dul - rthy, micmica; CHK: med - dk gyshbrn, sme brn, sb frm, fri, sb blky, sb wxy, smewht mot appr; scat fos frags, rr pyr

MRLST: gyshbn - dk gy, hd, brit, sb blky - sb plty, dul - rthy, micmica; CHK: med - dk gyshbrn, scat brn, sb frm, fri, sb blky, sb wxy, smewht mot appr; scat fos frags, rr pyr

MRLST: gyshbn - gyshblk, sb frm, brit, sb blky, grty-slty tex, v calc thru, rr dissm pyr, occ pyr nod; CHK: brn, dk brnsh gy, mot, sb frm - sft, v fri, sb wxy tex, sb blky

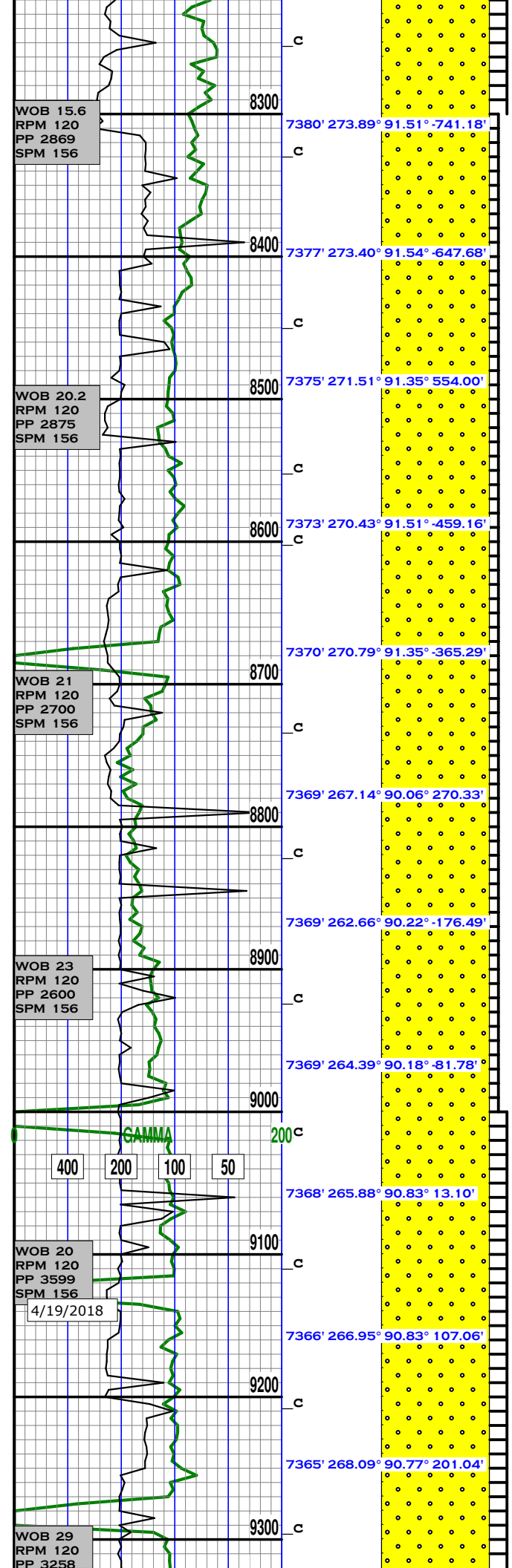
LS: beige, med-lt brn, mot off wh, hd - v frm, brit, sb blky, sm-grn tex, dull, com dissm & clus pyr

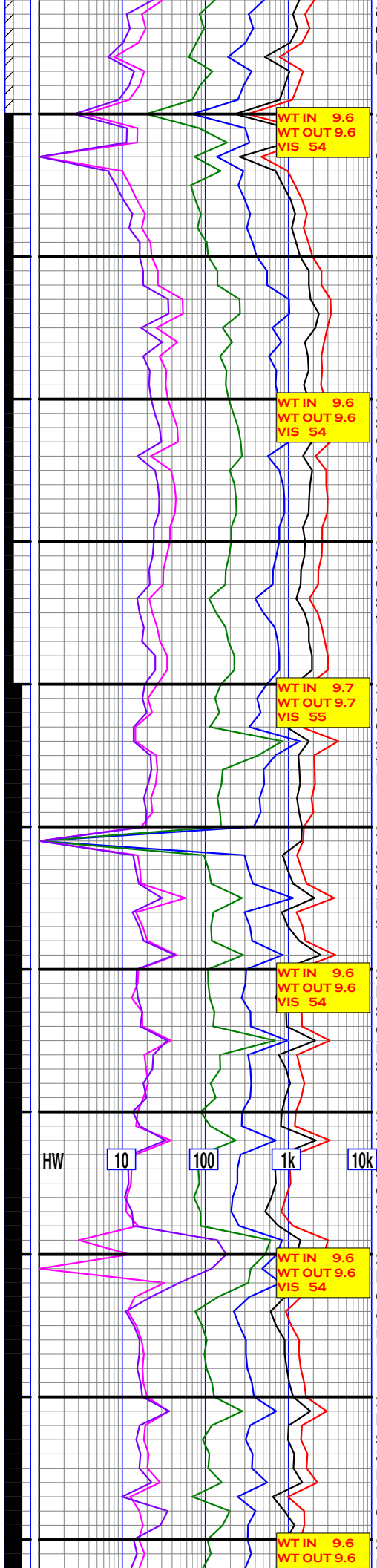
SST: med-dk brn, sl rdshbr, frm-sb hd, sl fri, blky - sb blky, ang-sb ang grs, vf-med gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc; LS: lt brn-bf-tn, sme med brn & crm, hrd, brit, sb blky, sme sb plty, micxln, hily calc, tr dissm pyr

SST: med-dk brn, sl rdshbr, frm-sb hd, sl fri, blky - sb blky, ang-sb ang grs, vf-med gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup, ltly calc inpt; TR LS: lt brn-bf-tn, sme med brn & crm, hrd, brit, sb blky, sme sb plty, micxln, hily calc, tr dissm & clus pyr

SST: med-dk brn, sl rdshbr, hd, sl fri, blky - sb blky, ang-sb ang grs, vf-med gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup, ltly calc inpt; scat dissm & sml clus pyr, rr fos frags

SST: med-dk brn, sl rdshbr, hd, smewht fri, blky - sb blky, ang-sb





ang grs, vf-med gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup, mtrx ltly calc inpt; scat dissm & sml clus pyr

SST: med-dk brn, sl rdshbr, hd, sl fri, blky - sb blky, ang-sb ang grs, vf - med gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup, ltly calc, scat dissm sbhed pyr, rr fos frags, tr vf intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: med-dk brn gy, sl rd, hd, sl fri, sb blky, ang-sb ang, vf - med gr, mod-w srt, qtz cls, tr silc cmt, cls sup-mtx sup, ltly calc, scat dissm sbhed pyr, rr fos frags, tr vf intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: med-dk brn gy, sl rd, hd, sl fri, sb blky, ang-sb ang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz cls, tr calc & silc cmt, scat dissm pyr, rr fos frags, tr vf intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: lt-dk brn gy, hd, sl fri, sb blky, ang-sb ang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz cls, tr calc & silc cmt, scat dissm pyr, rr fos frags, tr vf intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: lt-dk brn gy, hd, sl fri, sb blky, ang-sb ang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz cls, tr calc & silc cmt, scat dissm pyr, rr fos frags, tr vf intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: dk gy brn, hd, sb blky, ang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz cls, occ calc & silc cmt, scat dissm pyr, rr fos frags, tr intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

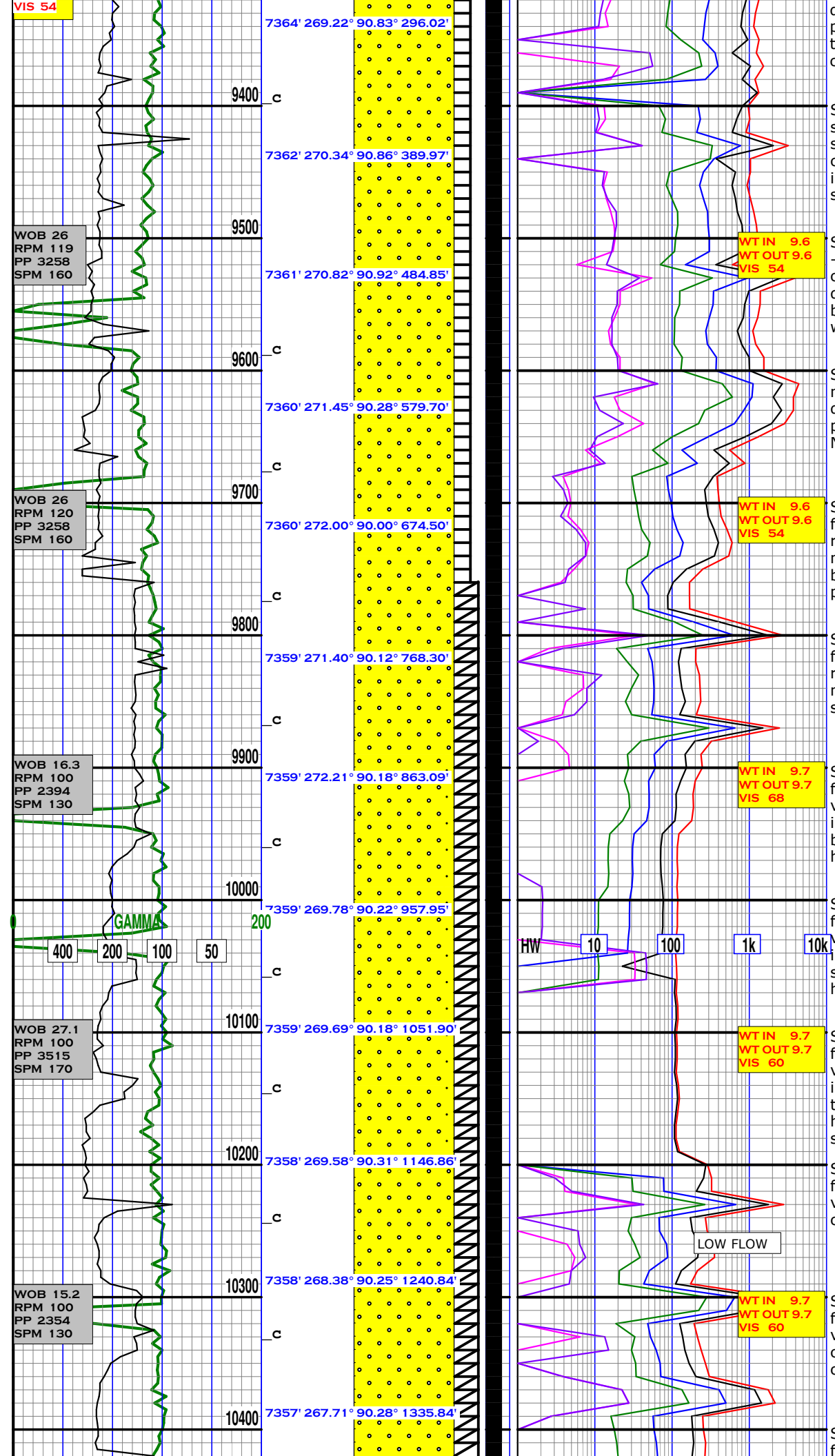
SST: lt-med-dk gy brn, hd, sb blky, ang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz grs, occ calc & silc cmt, tr dissm pyr, tr fos frags, tr intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: lt-dk gy brn, hd, sb blky-sbang, vf - med gr, mod-w srt, cls sup-mtx sup, qtz grs, tr calc & silc cmt, tr dissm pyr, rr fos frags ip, occ intrbdd blk sh, tt intgran por, NF, slow wk wspy wht cut

SST: lt-dk gy brn, hd, occ sb blky- sbang, vf - l med gr, mod srt, cls sup-mtx sup, qtz grs, tr calc & silc cmt, tr dissm pyr, rr fos frags ip, rr intrbdd blk sh, tt intgran por, NF, slow v wk wspy wht cut

SST: med-dk gy brn, hd, sb blky- sbang, vf - l med gr, mod-w srt, cls sup-mtx sup, qtz grs, tr calc & silc cmt, tr dissm pyr, rr fos frags ip, rr intrbdd blk sh, tt intgran por, NF, slow fnt wspy wht cut

SST: lt-dk gy brn blk, hd, sbang, vf - med gr, mod srt, cls sup-mtx sup,



qtz grs, tr calc & silc cmt, tr dissm pyr, rr fos frags ip, rr intrbdd blk sh, tt intgran por, NF, slow wspy wht cut

SST: med-dk gy brn, hd, sbang, vf - med gr, mod srt, cls sup-mtx sup, qtz grs, tr calc & silc cmt, tr dissm pyr, rr fos frags ip, rr intrbdd blk sh, tt intgran por, NF, slow wspy wht cut

SST: lt-med-dk brn gy, hd, sbang, vf - med gr, mod srt, cls sup-mtx sup, com qtz grs, tr calc & silc cmt, com dissm pyr, rr fos frags ip, tr intrbdd blk sh, tt intgran por, NF, slow wspy wht cut

SST: lt-med-dk brn, hd, sbang, vf - med gr, mod srt, cls sup-mtx sup, tr qtz grs, tr calc & silc cmt, tr dissm pyr, tr intrbdd blk sh, tt intgran por, NF, slow wspy wht cut

SST: dk brn - sl rdshbr, sme med gy, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, v ltly calc; <5% LS: bf-tn, sme lt brn - crm, hrd, brit, sb plty, micxln; NF, slw wspy cut

SST: dk brn - sl rdshbr, sme med gy, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, v ltly calc; pl grn flor, slw wh wspy cut w/ pl grn flor

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx - glauc inpt, silc cmt, v ltly calc; CLY: lt gy - brn, frmble, hily sol, rpd brkdwn in h2o; NF, slw wspy cut

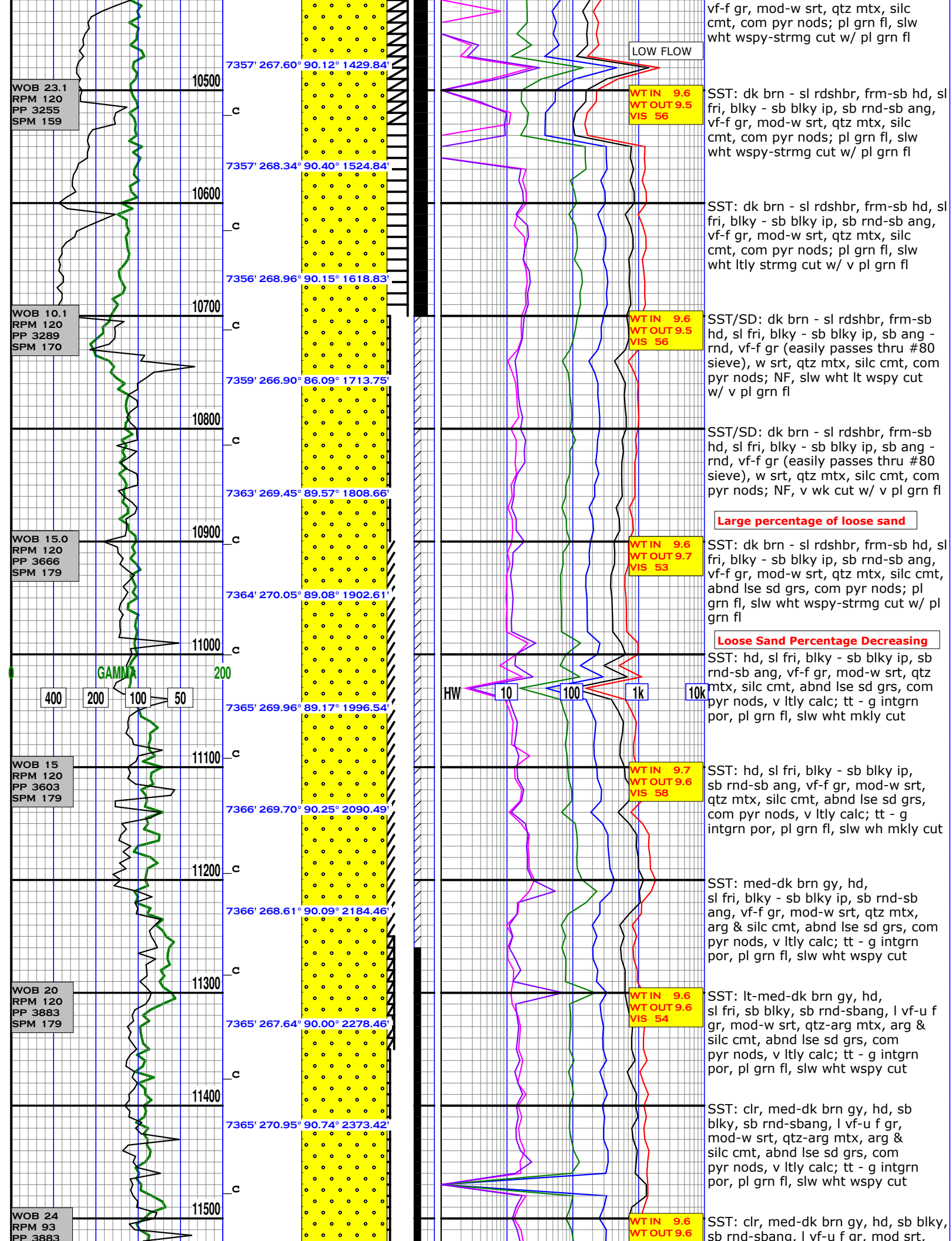
SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx - glauc inpt, silc cmt; CLY: lt gy - brn, slty, frmble, hily sol, rpd brkdwn in h2o; pl grn fl, slw wht wspy cut

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx - glauc inpt, silc cmt; com sh & slst frags thru; CLY: lt gy - brn, slty, frmble, hily sol, rpd brkdwn in h2o; pl grn fl, slw wht wspy cut

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt; pl grn fl, slw wht wspy cut

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt; pl grn fl, slw wht wspy-strmg cut w/ pl grn fl

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang,



vf-f gr, mod-w srt, qtz mtx, silc cmt, com pyr nods; pl grn fl, slw wht wspy-strmg cut w/ pl grn fl

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, com pyr nods; pl grn fl, slw wht wspy-strmg cut w/ pl grn fl

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, com pyr nods; pl grn fl, slw wht ltly strmg cut w/ v pl grn fl

SST/SD: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb ang - rnd, vf-f gr (easily passes thru #80 sieve), w srt, qtz mtx, silc cmt, com pyr nods; NF, slw wht lt wspy cut w/ v pl grn fl

SST/SD: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb ang - rnd, vf-f gr (easily passes thru #80 sieve), w srt, qtz mtx, silc cmt, com pyr nods; NF, v wk cut w/ v pl grn fl

Large percentage of loose sand

SST: dk brn - sl rdshbr, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, abnd lse sd grs, com pyr nods; pl grn fl, slw wht wspy-strmg cut w/ pl grn fl

Loose Sand Percentage Decreasing

SST: hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, abnd lse sd grs, com pyr nods, v ltly calc; tt - g intgrn por, pl grn fl, slw wht mkly cut

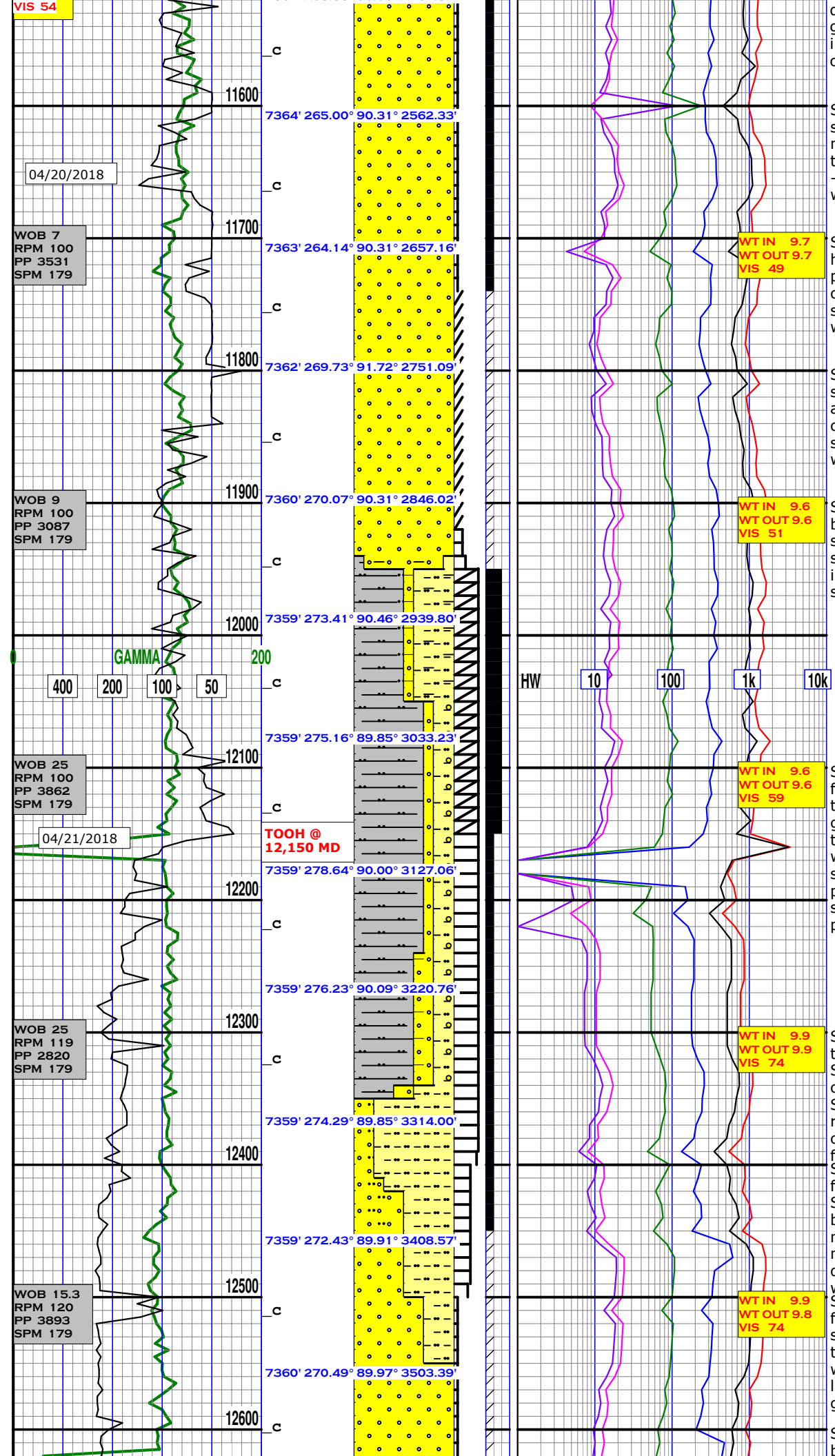
SST: hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, abnd lse sd grs, com pyr nods, v ltly calc; tt - g intgrn por, pl grn fl, slw wh mkly cut

SST: med-dk brn gy, hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, arg & silc cmt, abnd lse sd grs, com pyr nods, v ltly calc; tt - g intgrn por, pl grn fl, slw wht wspy cut

SST: lt-med-dk brn gy, hd, sl fri, sb blky, sb rnd-sbang, l vf-u f gr, mod-w srt, qtz-arg mtx, arg & silc cmt, abnd lse sd grs, com pyr nods, v ltly calc; tt - g intgrn por, pl grn fl, slw wht wspy cut

SST: clr, med-dk brn gy, hd, sb blky, sb rnd-sbang, l vf-u f gr, mod-w srt, qtz-arg mtx, arg & silc cmt, abnd lse sd grs, com pyr nods, v ltly calc; tt - g intgrn por, pl grn fl, slw wht wspy cut

SST: clr, med-dk brn gy, hd, sb blky, sb rnd-sbang, l vf-u f gr, mod srt,



qtz-arg mtx, arg & silc cmt, lse sd grs, com pyr nods, mod calc; tt - p intgrn por, pl grn fl, slw wht wspy cut

SST: clr, med-dk brn gy, hd, sb blky, sb rnd-sbang, l vf-u f gr, mod srt, qtz-arg mtx, arg & silc cmt, tr lse sd grs, mod calc; intbdd sh, tt - p intgrn por, pl grn fl, slw wk wht wspy cut

SST: trnls, clr, med-dk brn gy, hd, sb blky, sb rnd-sbang, vf-f gr, p-mod srt, arg mtx, arg & silc cmt, tr lse sd grs, mod calc; intbdd sh, tt - p intgrn por, pl yl fl, slw faint wht wspy cut

CLAY VOLUME 80% OF SAMPLE

SST: trnls,lt-dk brn gy, hd, sb blky, sb rnd-sbang,l vf-l f gr, p-mod srt, arg mtx, abnt lt gy brn arg & silc cmt, tr lse sd grs, slly calc; intbdd sh, tt - p intgrn por, pl yl fl, slw wht wspy cut

SST: trnls, med-dk brn gy, hd, sb blky, sb rnd-sbang,l vf-l f gr, p-mod srt, arg mtx, abnt lt gy brn arg & silc cmt, rr lse sd grs, mod calc; intbdd sh, tt - p intgrn por, dull yl fl, slw wht wspy cut

CLAY VOLUME = 10%
FINES VOLUME = 50%

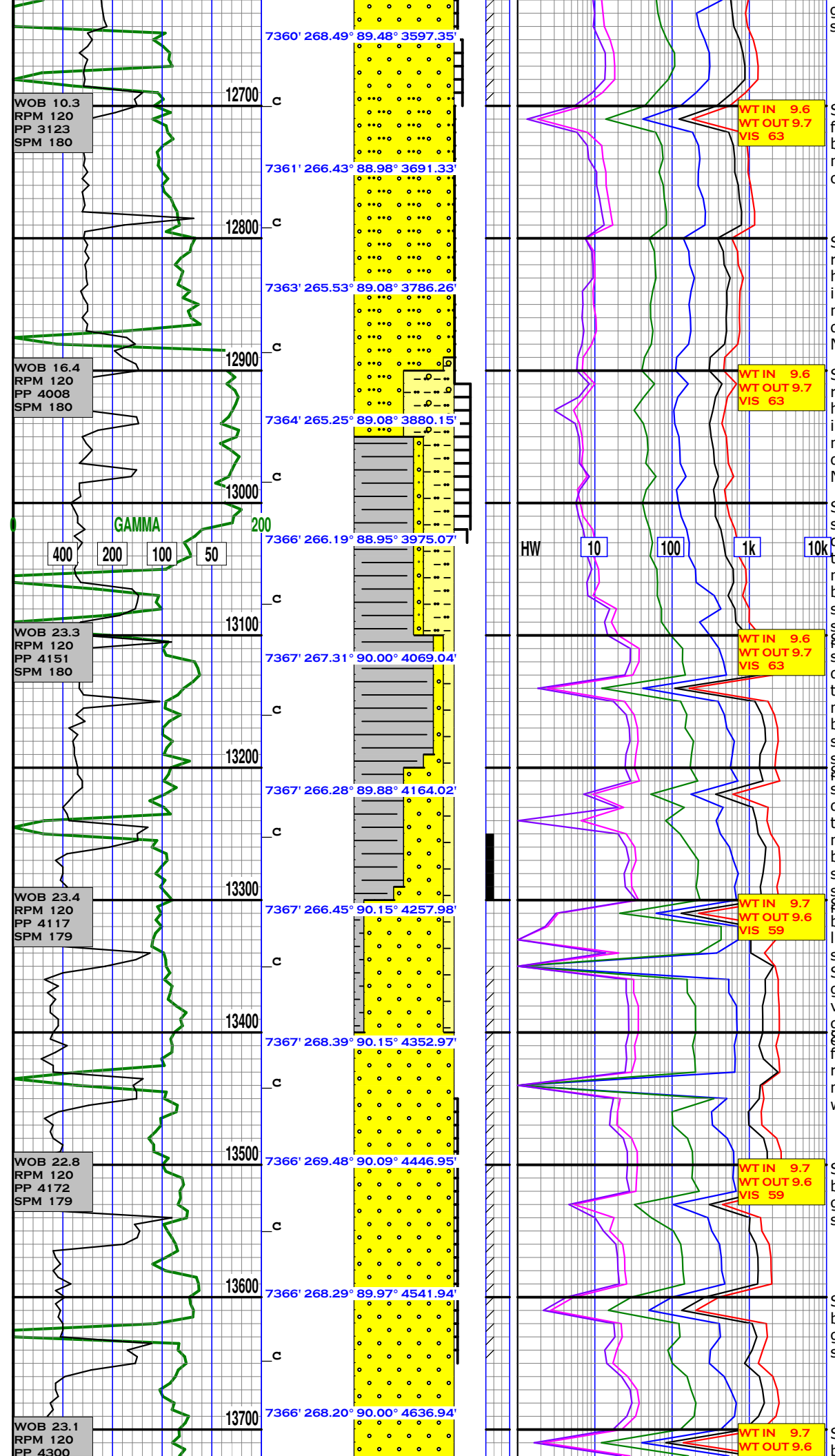
SLTY SH: m-dk gy, grshgybrn, sft, fri, prly fis, v thnly lam, hmky - turb tex, slty mtx; SHLY SLST: m gy - gyshbrn, sft - sb frm, fri, shly - sdy thnly lam intrbds; SHLY SST: off wht, lt tn, frm, sb brit, blky - sb blky, sb rnd-sb ang, vf-f gr, mod-w srt, predy cls sup, mtx sup ip, qtz mtx, silc cmt; pl grn flor, wht wspy cut w/ pl grn strmg flor

SLTY SH: m-dk gy, sft, fri, slly fis, v thnly lam, hmky tex, slty, SHLY SLST: m gy, sft - sb frm, fri, shly - com sdy thnly lam intrbds; SHLY SST: off wht, lt brn, frm, sb rnd-sb ang, l vf- l f gr, mod-srt, cls sup, mtx sup, qtz mtx; pl grn flor, wk wht wspy cut

SLST: lt-m gy, off wht, lt tn, v sft, v fri, comly thnly lam, grad lams; SLTY SST: brnsh rd, rdshgy, off wht, lt brn, frm-hd, sb brit-brit, l vf- l f gr, mod-srt, sb rnd-sb ang, cls sup, qtz mtx, thly lam bdd, v wkly calc; rr- tr dissm & cub pyr, v pl grn flor, v wk wht wspy cut

SST: brnsh rd, rdshgy, off wht, frm-hd, sb brit-brit, l vf- l f gr, mod-srt, sb rnd-sb ang, cls sup, qtz mtx, thly lam bdd, v wkly calc; SLST: off wht, lt tn, v sft, v fri, comly thnly lam, grad lams; rr dissm pyr, v pl grn flor, v wk wht wspy cut

SST: dsky brn - rdshbr, hd-v frm, brit-fri, sb blky - blky, ang-sb ang



grs, vf-f gr, mod-w srt, w-p cons, cl sup, silc cmt, wkly calc, tr dissm pyr, v pl grn flor, v wk wht wspy cut

SST: dk brn - sl rdshbr, sme med gy, frm-sb hd, sl fri- sl brit, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, v ltly calc, NCNF

SLTY SST: dsky brn -dk brn - sl rdshbr, rr med gy w/in lams, frm-sb hd, pred brit, loc fri, blky - sb blky ip, sb rnd-sb ang, l vf - l f gr sd, med - crs slt, mod-w srt, slty mtx - qtz mtx inpt, silc cmt, v ltly calc, NCNF

SLTY SST: dsky brn -dk brn - sl rdshbr, rr med gy w/in lams, frm-sb hd, pred brit, loc fri, blky - sb blky ip, sb rnd-sb ang, l vf - l f gr sd, med - crs slt, mod-w srt, slty mtx - qtz mtx inpt, silc cmt, v ltly calc, NCNF

SH: lt - med gy, sme dk gy, frm, fri, sb plty, ltly calc, var lams; SLST: dsky brn - rdshbr, crs - med gr slt, v th sdy lams, mod gr orient, vf slt mtx, cls-mtx sup; SLTY SST: dsky brn-sl rdshbr, frm-sb hd, brit, blky - sb blky ip, sb rnd-sb ang, l vf - l f gr sd, med - crs slt, mod-w srt, slty mtx - qtz mtx inpt, silc cmt; NCNF

SH: lt - med gy, sme dk gy, frm, fri, sb plty, ltly calc, var lams; SLST: dsky brn - rdshbr, crs - med gr slt, v th sdy lams, mod gr orient, vf slt mtx, cls-mtx sup; SLTY SST: dsky brn-sl rdshbr, frm-sb hd, brit, blky - sb blky ip, sb rnd-sb ang, l vf - l f gr sd, med - crs slt, mod-w srt, slty mtx - qtz mtx inpt, silc cmt; NCNF

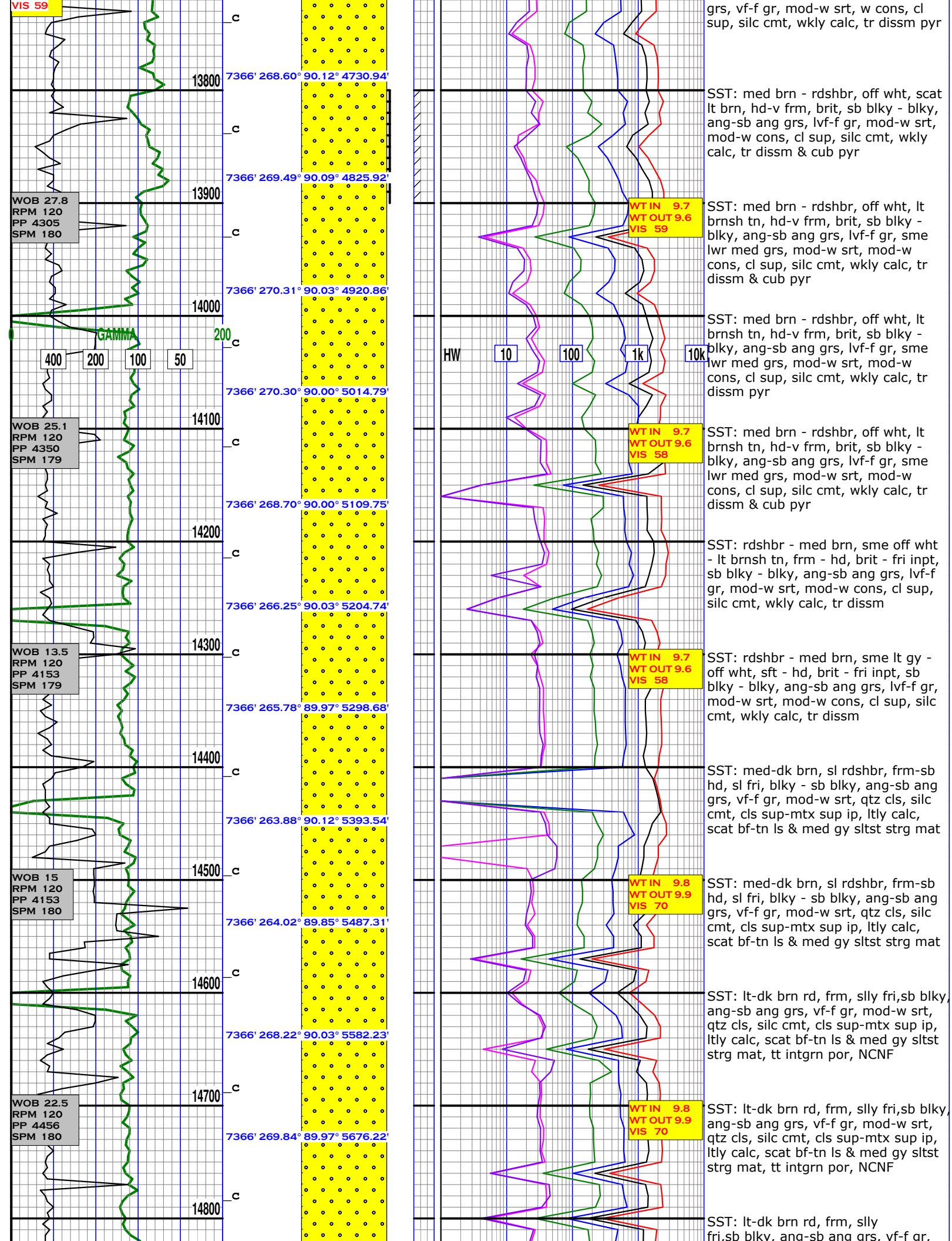
SST: dsky brn-sl rdshbr, frm-sb hd, brit, blky - sb blky ip, sb rnd-sb ang, l vf - l f gr sd, med - crs slt, mod-w srt, slty mtx - qtz mtx inpt, silc cmt; SLST: dsky brn - rdshbr, crs - med gr slt, v th sdy lams, mod gr orient, vf slt mtx, cls-mtx sup; SH: lt - med gy, sme dk gy, frm, fri, sb plty, ltly calc, var lams; NCNF

SST: dk brn - sl rdshbr, sme med gy, frm-sb hd, sl fri, blky - sb blky ip, sb rnd-sb ang, vf-f gr, mod-w srt, qtz mtx, silc cmt, v ltly calc; NF, v wk wht wspy cut

SST: dsky brn - rdshbr, hd-v frm, brit-fri, sb blky - blky, ang-sb ang grs, vf-f gr, mod-w srt, w cons, cl sup, silc cmt, wkly calc, tr dissm pyr

SST: dsky brn - rdshbr, hd-v frm, brit-fri, sb blky - blky, ang-sb ang grs, vf-f gr, mod-w srt, w cons, cl sup, silc cmt, wkly calc, tr dissm pyr

SST: dsky brn - rdshbr, hd-v frm, brit-fri, sb blky - blky, ang-sb ang



grs, vf-f gr, mod-w srt, w cons, cl sup, silc cmt, wkly calc, tr dissm pyr

SST: med brn - rdshbr, off wht, scat lt brn, hd-v frm, brit, sb blky - blky, ang-sb ang grs, lvf-f gr, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm & cub pyr

SST: med brn - rdshbr, off wht, lt brnsh tn, hd-v frm, brit, sb blky - blky, ang-sb ang grs, lvf-f gr, sme lwr med grs, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm & cub pyr

SST: med brn - rdshbr, off wht, lt brnsh tn, hd-v frm, brit, sb blky - blky, ang-sb ang grs, lvf-f gr, sme lwr med grs, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm pyr

SST: med brn - rdshbr, off wht, lt brnsh tn, hd-v frm, brit, sb blky - blky, ang-sb ang grs, lvf-f gr, sme lwr med grs, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm & cub pyr

SST: rdshbr - med brn, sme off wht - lt brnsh tn, frm - hd, brit - fri inpt, sb blky - blky, ang-sb ang grs, lvf-f gr, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm

SST: rdshbr - med brn, sme lt gy - off wht, sft - hd, brit - fri inpt, sb blky - blky, ang-sb ang grs, lvf-f gr, mod-w srt, mod-w cons, cl sup, silc cmt, wkly calc, tr dissm

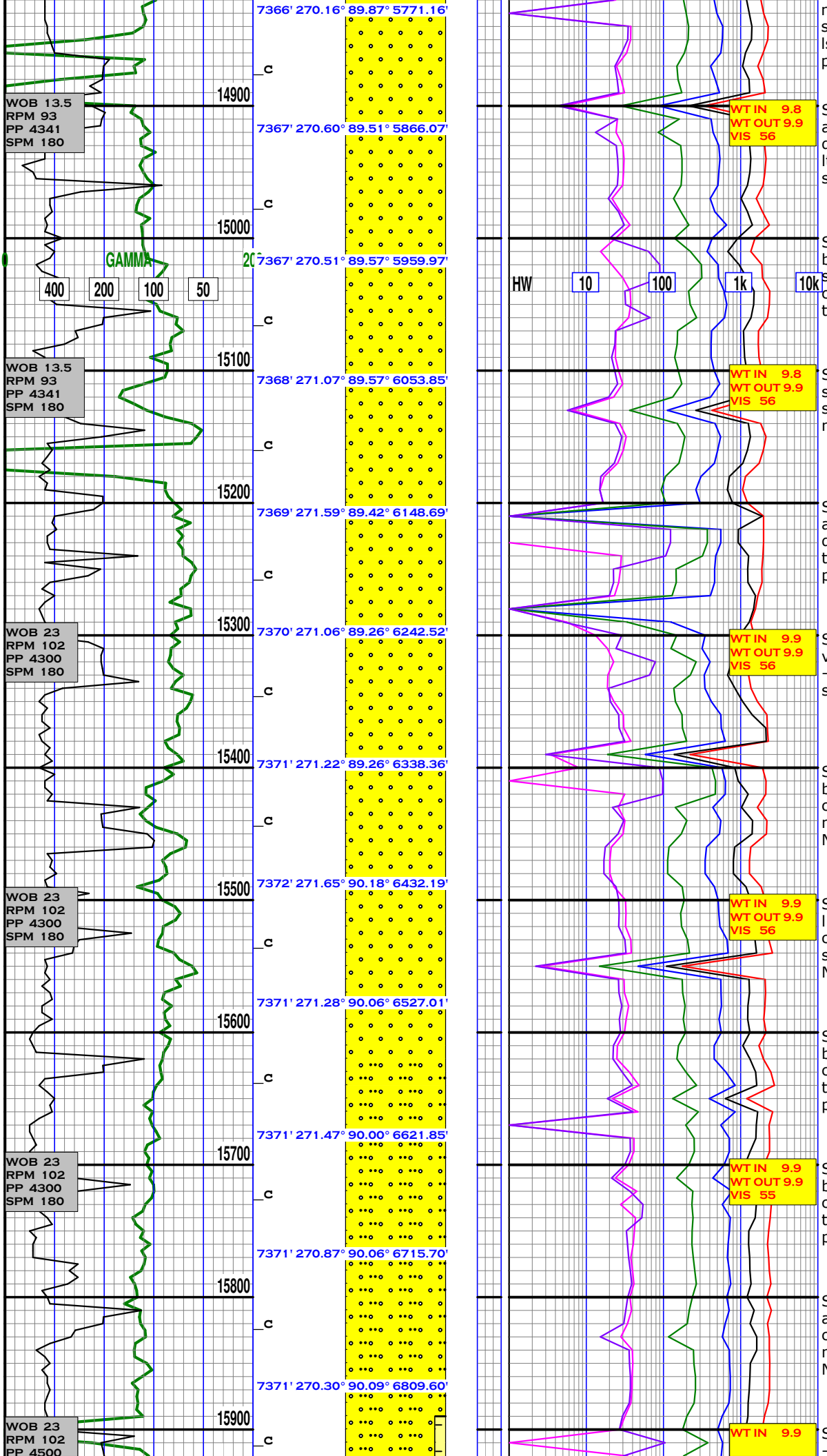
SST: med-dk brn, sl rdshbr, frm-sb hd, sl fri, blky - sb blky, ang-sb ang grs, vf-f gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat

SST: med-dk brn, sl rdshbr, frm-sb hd, sl fri, blky - sb blky, ang-sb ang grs, vf-f gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat

SST: lt-dk brn rd, frm, slly fri,sb blky, ang-sb ang grs, vf-f gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat, tt intgrn por, NCNF

SST: lt-dk brn rd, frm, slly fri,sb blky, ang-sb ang grs, vf-f gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat, tt intgrn por, NCNF

SST: lt-dk brn rd, frm, slly fri,sb blky, ang-sb ang grs, vf-f gr,



mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat, tt intgrn por, NCNF

SST: lt-dk brn rd, frm, slly fri,sb blky, ang-sb ang grs, vf-f gr, mod-w srt, qtz cls, silc cmt, cls sup-mtx sup ip, ltly calc, scat bf-tn ls & med gy sltst strg mat, tt intgrn por, NCNF

SST: m-dk brn rd, frm, fri,sb blky, ang-sb ang grs, l vf-f gr, mod-srt, qtz cls, silc cmt, cls -mtx sup, tr calc, scat tn ls & med gy sltst strg, tt intgrn por, NCNF

SST: lt-dk brn blk, frm,sb blky, ang-sb ang grs, l vf-f gr, mod-srt, qtz cls, silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por,NCNF

SST: m-dk brn blk, frm,sb blky, ang-sb ang, l vf-f gr, mod-srt, qtz cls, silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: dk brn, frm,sb blky, sb ang, l vf-f gr, mod-srt, qtz cls, silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: m-dk gy brn blk, frm, sb blky, sb ang, l vf-f gr, mod-srt, silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: dk brn gy, frm, sb blky, sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: m-dk brn gy, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: m-dk brn gy, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

SST: dk brn gy, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, med gy sltst strg, tt intgrn por, NCNF

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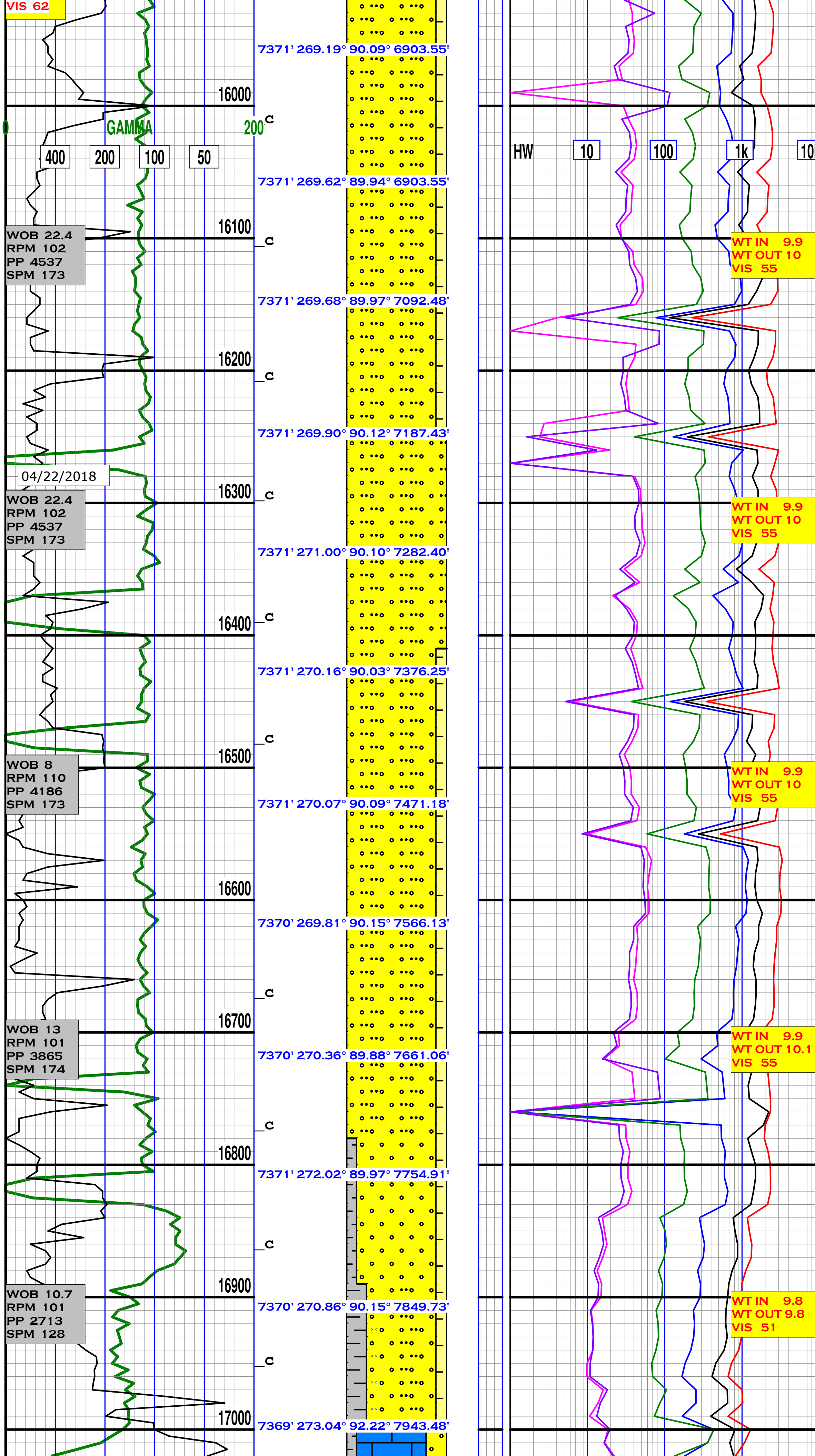


silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por, NCNF

SST: m-dk brn gy, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTST: lt gy, sb ang, plty, mass rthy txt, tr carb grs, tt NCNF

SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTST: lt gy, sb ang, plty, mass rthy txt, tr carb grs, tt NCNF

SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTST: lt gy, sb ang, plty, mass rthy txt, tr carb grs, tt NCNF

SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por, NCNF

SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por, NCNF

SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb ang plty, mass rthy txt, tr carb grs, tt, NCNF

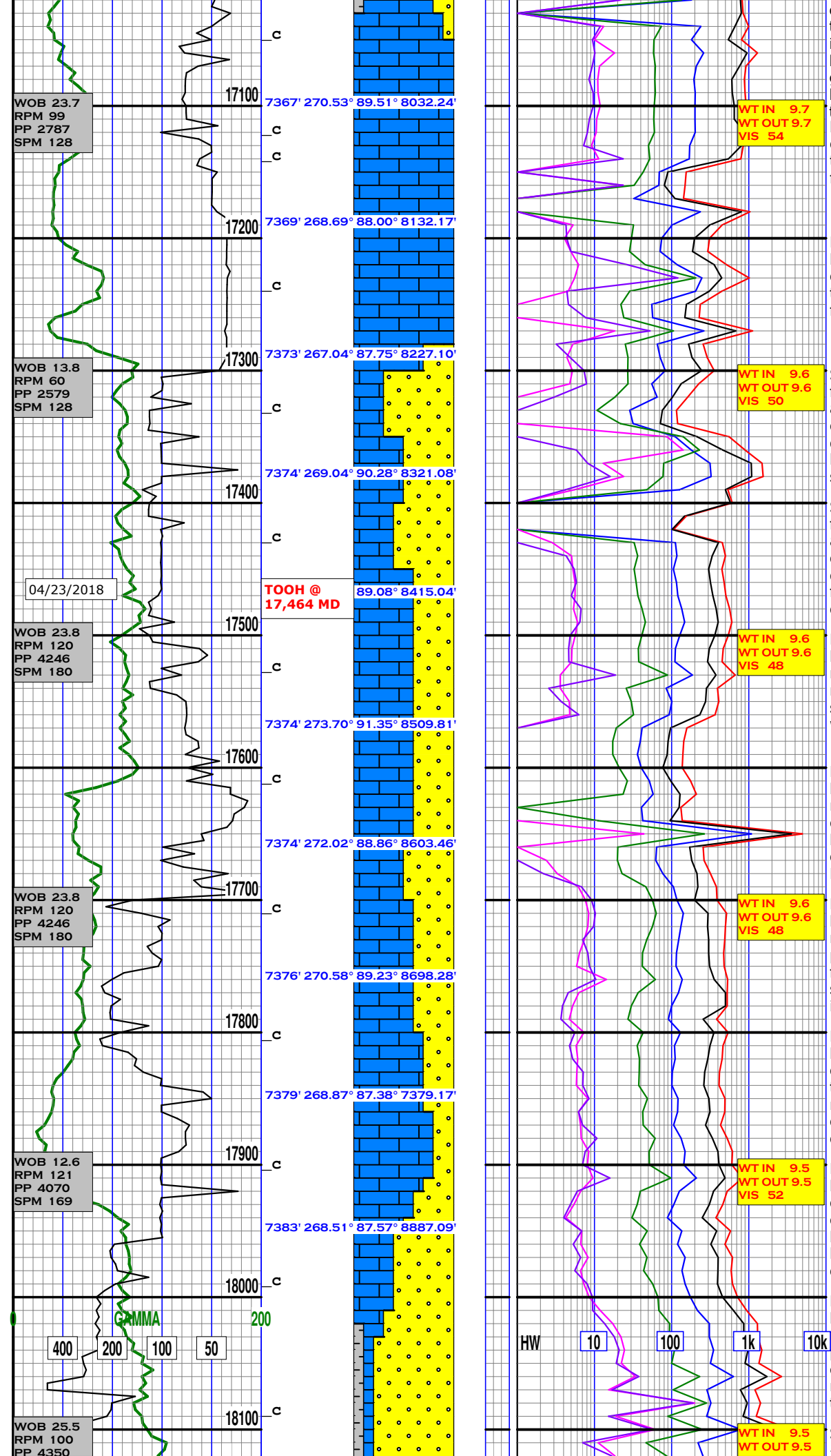
SST: dk brn gy blk, frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb ang plty, mass rthy txt, tr carb grs, tt, NCNF

SST: m-dk brn gy blk, slly frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb blky- sb ang, mass rthy txt, tr carb grs, tt, NCNF

SST: m-dk brn gy blk, slly frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb blky- sb ang, mass rthy txt, tr carb grs, tt SH: m-dk gy blk, sft, sb blky - sb ang, mtx sup, slty lam txt, tr dism pyr, NCNF

SST: m-dk brn gy blk, slly frm, sb blky - sb ang, l vf-f gr, mod-srt, tr calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb blky- sb ang, mass rthy txt, tr carb grs, tt SH: m-dk gy blk, sft, sb blky - sb ang, mtx sup, slty lam txt, tr dism pyr, tr lt brn ls strgs, NFNC

SST: m-dk brn gy blk, slly frm, sb blky - sb ang, l vf-f gr, mod-srt, tr



calc & silc cmt, cls -mtx sup grn txt, tr calc, com med gy sltst strg, tt intgrn por SLTSTN: lt gy, sb blky- sb ang, mass rthy txt, tr carb grs, tt SH: m-dk gy blk, sft, sb blky - sb ang, mtx sup, slty lam txt, dissm pyr, tr lt-m

LS: lt-med brn, crm- bf, sme paylgn, hd - v hd, bri, plty - sb blky ip, v calc, v cpc - sl mbl ip, microxln - sacc tex, lmy - sl dolmtc ip, scat sltst frags

LS: lt-med brn, crm- bf, sme paylgn, hd - v hd, bri, plty - sb blky ip, v calc, v cpc - sl mbl ip, microxln - sacc tex, lmy - sl dolmtc ip, scat sltst frags

SST: dsky brn - rdshbr, tan, hd-v frm, brit - fri, sb blky - blky, ang-sb ang grs, vf-f gr, mod-w srt, p-mod cons, cl sup, silc cmt, wkly calc, dissm pyr; LS: lt brn-bf-tn, sme med brn & crm, sft, occ frm, fri, sb blky - sb plty, micxln, hily calc

SST: dsky brn - rdshbr, tan, hd-v frm, brit - fri, sb blky - blky, ang-sb ang grs, vf-f gr, mod-w srt, p-mod cons, cl sup, silc cmt, wkly calc, dissm pyr; LS: lt brn-bf-tn, sft, occ frm, fri, sb blky - sb plty, micxln, hily calc

LS: lt-med brn, crm-bf, plty-sb blky, hd-v hd, brit, v cpc-sl mbl ip, microxln - cryptoxln; ST: gyshbn-rdshbr, mot med gy, frm-sl hd, sme sft, fri, vf-f gr, gr-mtx sup cls, cons wi arg/silc cmt

LS: lt-med brn, crm-bf, plty-sb blky, hd-v hd, brit, v cpc-sl mbl ip, microxln - cryptoxln; ST: gyshbn-rdshbr, mot med gy, frm-sl hd, sme sft, fri, vf-f gr, gr-mtx sup cls, cons wi arg/silc cmt, ltly calc, NFNC

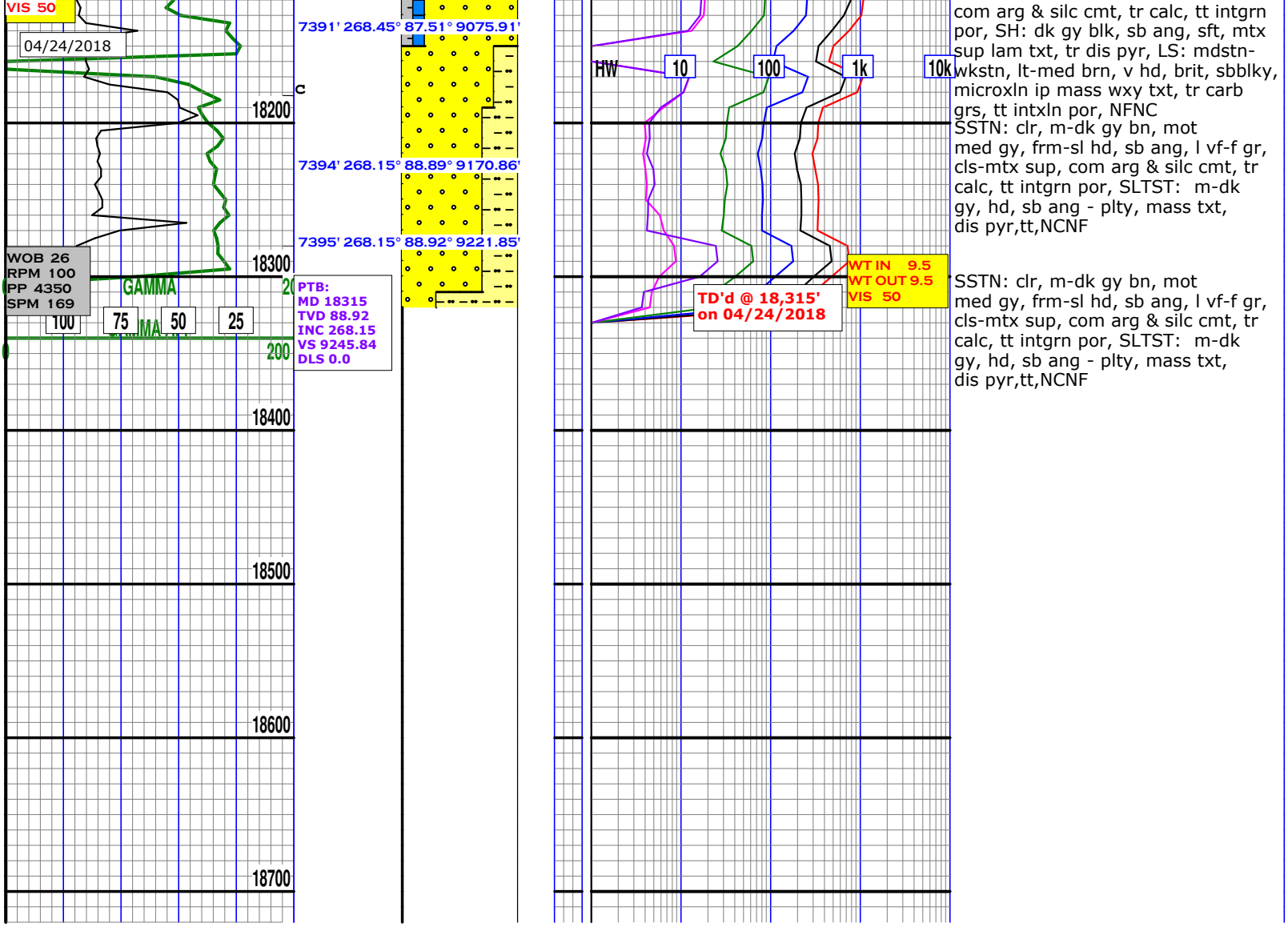
LS: mdstn-wkstn, tan, lt-med brn, v hd, brit, sbblky, microxln - cryptoxln mass wxy txt, tr carb grs, tt intxln por; ST: m-dk gy bn, mot med gy, frm-sl hd, sb ang, vf-f gr, cls-mtx sup, tr arg/silc cmt, ltly calc, tt intgrn por, NFNC

LS: mdstn-wkstn, tan, med brn, v hd, brit, sbblky, microxln - cryptoxln mass wxy txt, tr carb grs, tt intxln por; ST: m-dk gy bn, mot med gy, frm-sl hd, sb ang, vf-f gr, cls-mtx sup, tr arg/silc cmt, tr calc, tt intgrn por, NFNC

LS: mdstn-wkstn, bf lt-med brn, v hd, brit, sbblky, microxln - cryptoxln ip mass wxy txt, tr carb grs, tt intxln por; SSTN: m-dk gy bn, mot med gy, frm-sl hd, sb ang, l vf-f gr, cls-mtx sup, tr arg & silc cmt, tr calc, tt intgrn por, NFNC

LS: mdstn-wkstn, lt-med brn, v hd, brit, sbblky, microxln ip mass wxy txt, tr carb grs, tt intxln por; SSTN: clr, m-dk gy bn, mot med gy, frm-sl hd, sb ang, l vf-f gr, cls-mtx sup, com arg & silc cmt, tr calc, tt intgrn por, NFNC

SS: clr, m-dk gy bn, mot med gy, frm -sl hd, sb ang, l vf-f gr, cls-mtx sup,



com arg & silc cmt, tr calc, tt intgrn por, SH: dk gy blk, sb ang, sft, mtx sup lam txt, tr dis pyr, LS: mdstn-wkstn, lt-med brn, v hd, brit, sbblky, microxln ip mass wxy txt, tr carb grs, tt intxln por, NFNC
SSTN: clr, m-dk gy bn, mot med gy, frm-sl hd, sb ang, l vf-f gr, cls-mtx sup, com arg & silc cmt, tr calc, tt intgrn por, SLTST: m-dk gy, hd, sb ang - plty, mass txt, dis pyr,tt,NCNF

SSTN: clr, m-dk gy bn, mot med gy, frm-sl hd, sb ang, l vf-f gr, cls-mtx sup, com arg & silc cmt, tr calc, tt intgrn por, SLTST: m-dk gy, hd, sb ang - plty, mass txt, dis pyr,tt,NCNF