

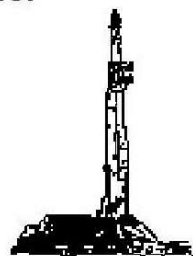
GOOLSBY BROTHERS
and associates, inc.

575 Union Blvd, Suite 208
Lakewood, CO 80228
303-945-2860 Office



Geological Wellsite
Supervision

www.goolsbybrothers.com



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Harvesters State 4C-16-M
API: 051234637200
Location: Section 15, T6N, R66W, Weld County, CO.
License Number:
Spud Date: April 19, 2018
Surface Coordinates: SWNE T6N, R66W Sec 15, 1,633' FNL & 2,333' FEL
LAT 40.2928036 LONG -104.4545025
Bottom Hole Coordinates: NWNW T6N, R66W Sec 16, 548' FNL & 115' FWL
Ground Elevation (ft): 4,803'
Logged Interval (ft): 7,000' To: 15,218'
Formation: Pierre Shales / Sands, Sharon Springs, Niobrara, Codell (Target)
Type of Drilling Fluid: FW Surface, OBM Curve & Lateral

Region: Wattenberg
Drilling Completed: April 22, 2018

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: SRC Energy Inc.
Address: 1675 Broadway, Suite 2600
Denver, Colorado 80202
(720) 616-4300

GEOLOGIST

Name: Larry Goolsby & Brian Spitzmiller
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd. Suite 208,
Lakewood CO. 80228
Tel 303-618-7736

Logs

PULSE MWD GR from 1,818'-15,205' MD

Casing

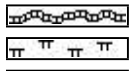
9 5/8" Surface Casing set @ 1,802' MD

5 1/2" Production Casing set @ 15,205' MD

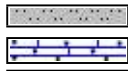
Comments

- 1) Drilling Contractor: Precision Drilling, Rig #462
Toolpusher: Cody Teeter, Joseph Credeur
- 2) Company Man: Steve Wilson, Buddy Davis
Lovell Young, Tony Pershall
- 3) Mud Company : Anchor USA
Engineer: Tim Pattison, James Eckhardt
- 4) Directional Drilling: Baker Hughes Directional
Rotary Steerable BHA
Drillers: Dustin Tissaw, Matthew Leopold
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
- 6) SRC Geologist: Tony Williams

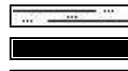
ROCK TYPES



Bent
Mrlst
Shale



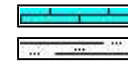
Sltst
Carb chalk
Chalk



Slty sh
Coal
Sltst



Arg_ss
Ss
Carb sh



Ls
Slty sh

ACCESSORIES

MINERAL

Anhy
 Arggrn
 Arg
 Bent
 Bit
 Breclfrag
 Calc
 Carb
 Chtdk
 Chtlt
 Dol
 Feldspar
 Ferrpel
 Ferr
 Glau

Gyp
 Hvymin
 Kaol
 Marl
 Minxl
 Nodule
 Phos
 Pyr
 Salt
 Sandy
 Silt
 Sil
 Sulphur
 Tuff

FOSSIL

Algae
 Amph
 Belm
 Bioclst
 Brach
 Bryozoa
 Cephal
 Coral
 Crin
 Echin
 Fish
 Foram
 Fossil
 Gastro
 Oolite

Ostra
 Pelec
 Pellet
 Pisolite
 Plant
 Strom

STRINGER

Chlkstg
 Anhy
 Arg
 Bent
 Coal
 Dol
 Gyp
 Ls

Mrst
 Sltstgr
 Ssstgr

TEXTURE

Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

OTHER SYMBOLS

POROSITY TYPE

Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

SORTING

Well
 Moderate
 Poor

ROUNDING

Rounded
 Subrnd
 Subang

Angular

OIL SHOWS

Even
 Spotted
 Ques
 Dead
 Vspotty
 near even

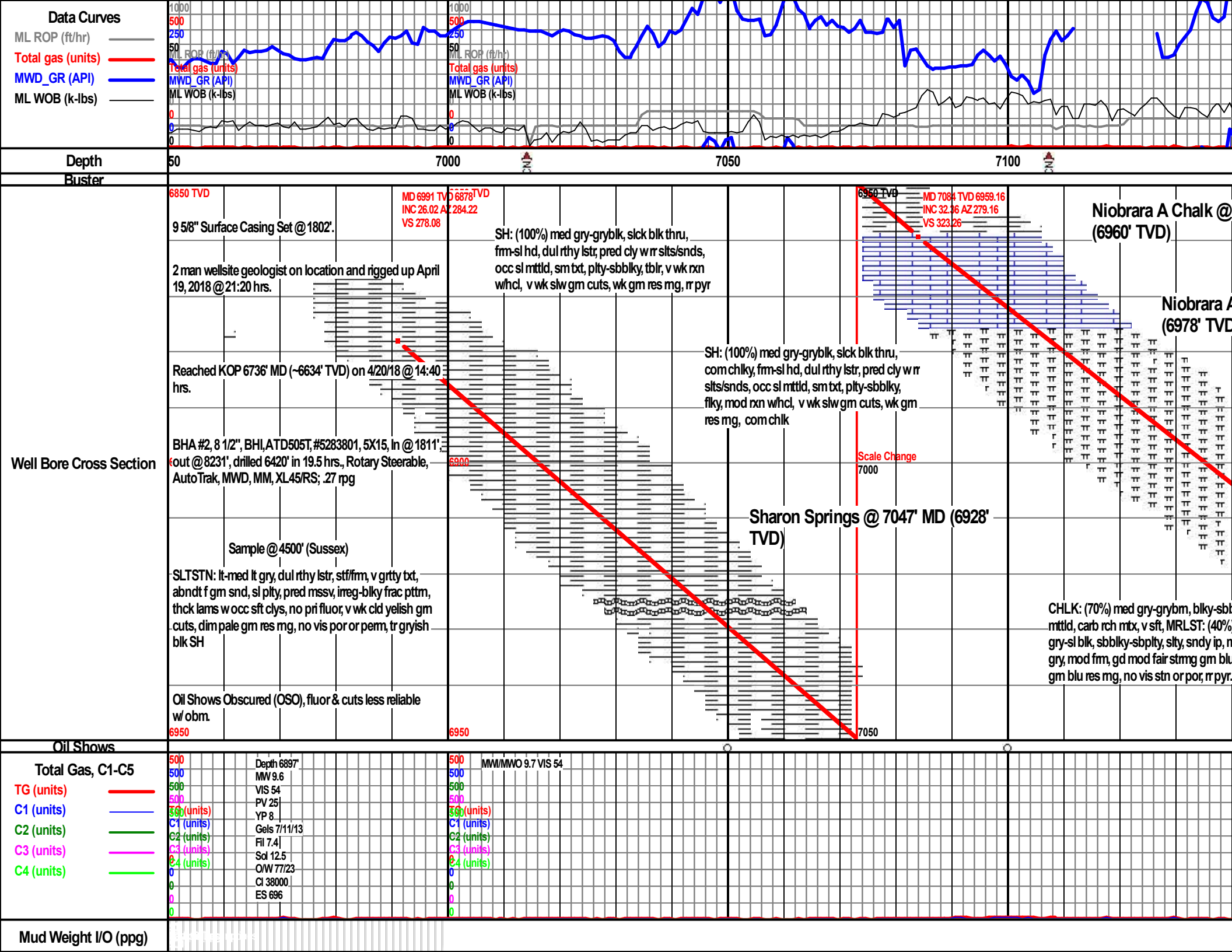
INTERVALS

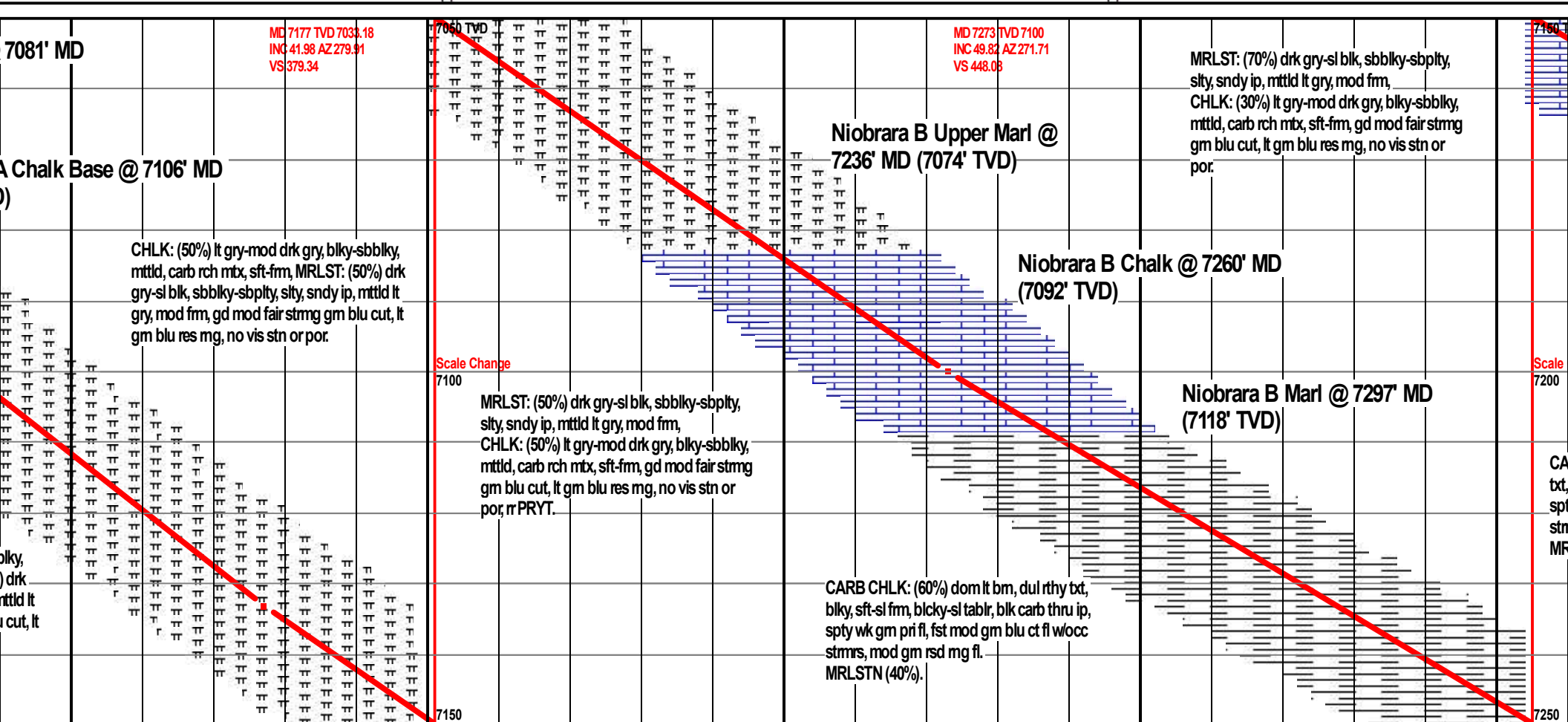
Core
 Dst

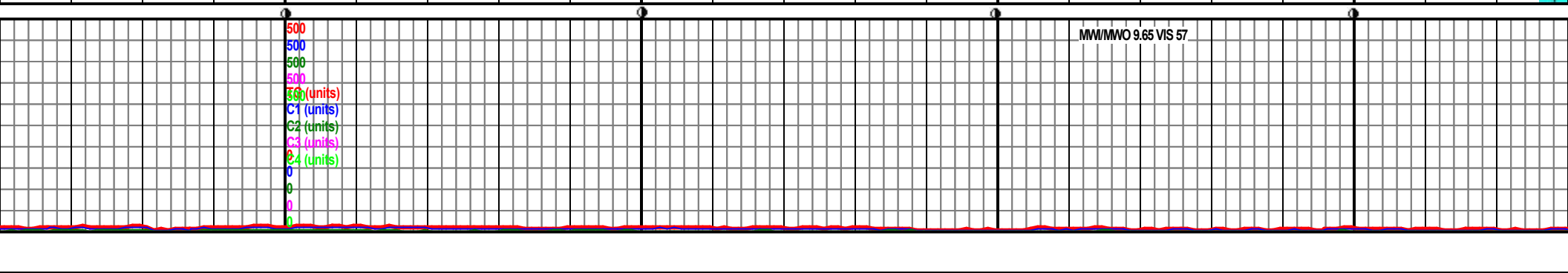
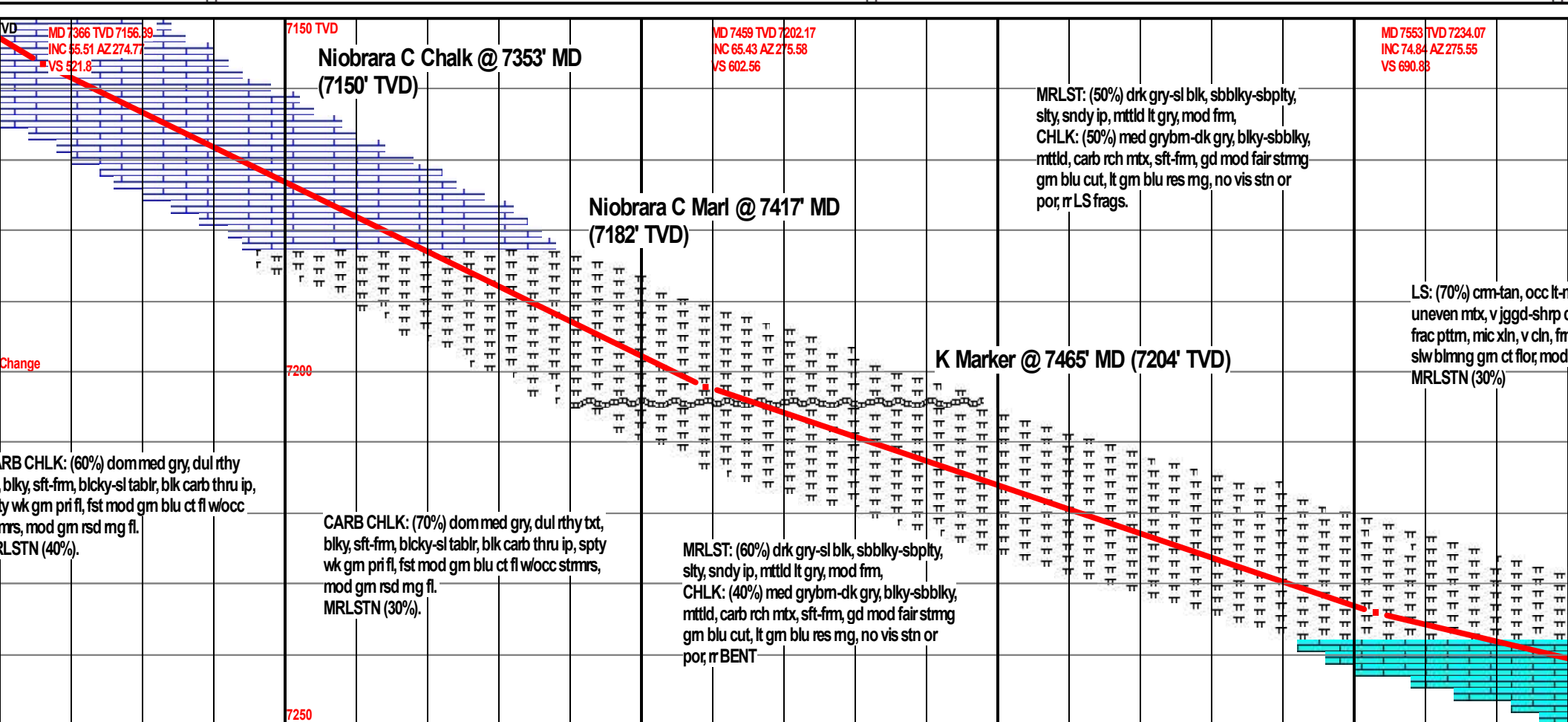
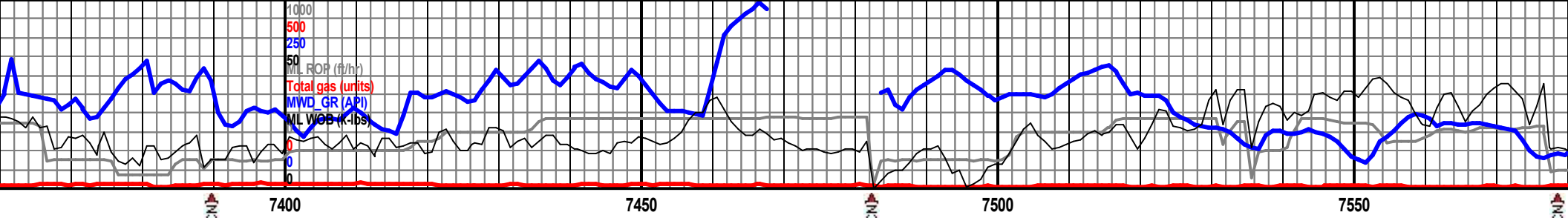
EVENTS

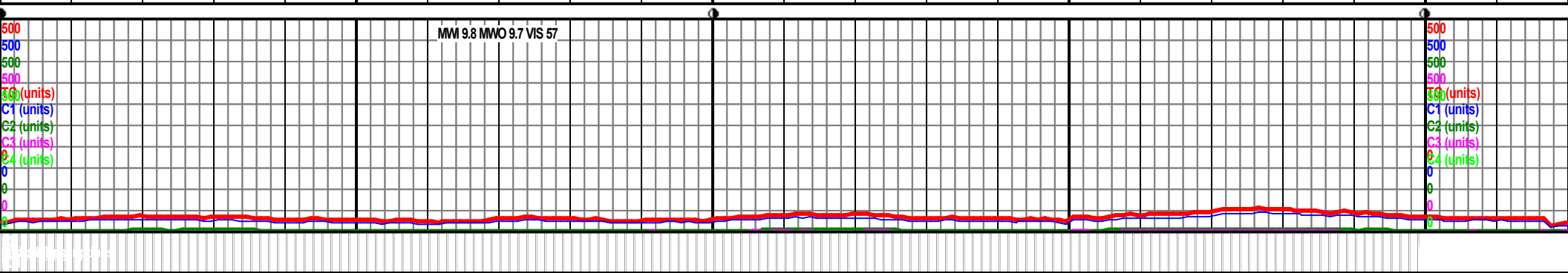
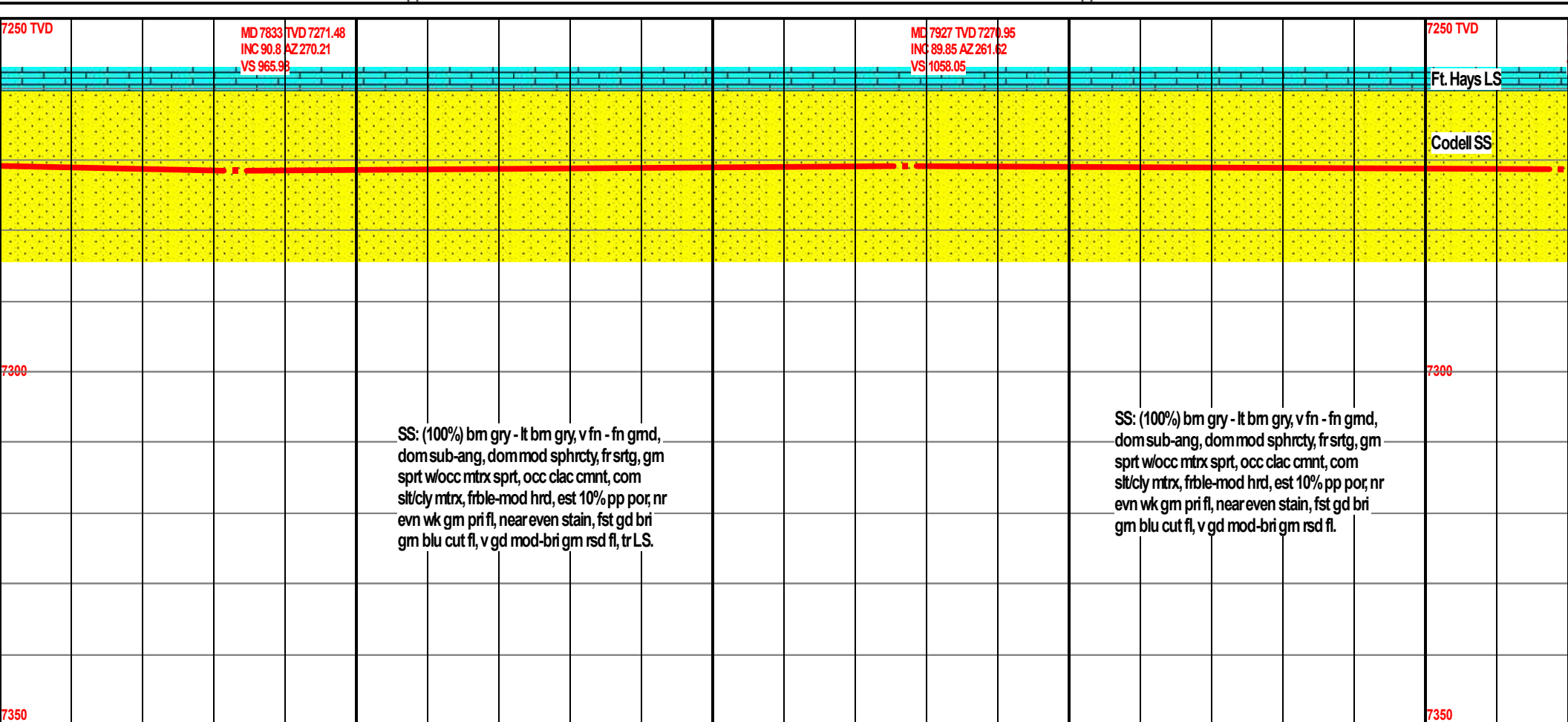
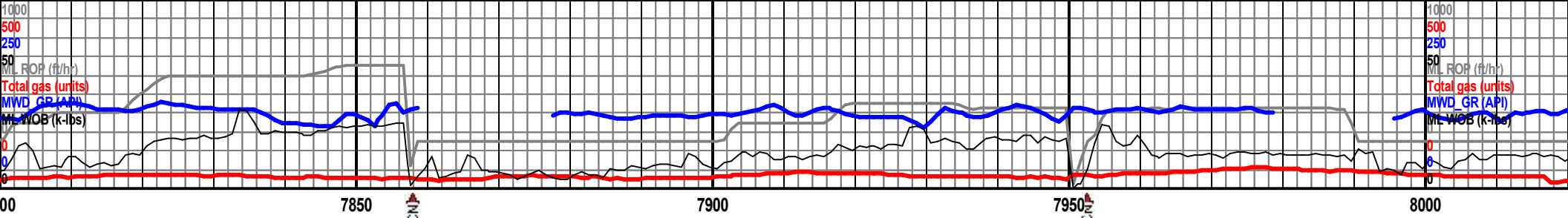
Casing shoe_hzl
 Trip_point_1
 Off bottom
 conn

Survey(mwd)
 Survey(red)
 bit

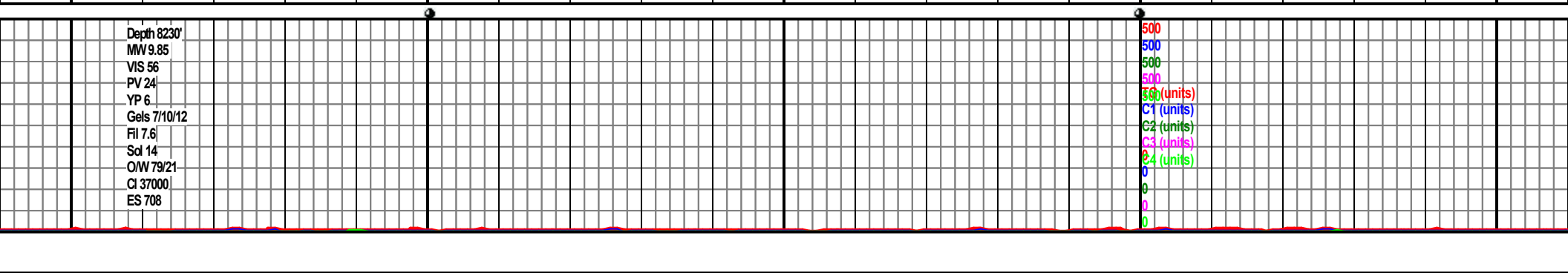
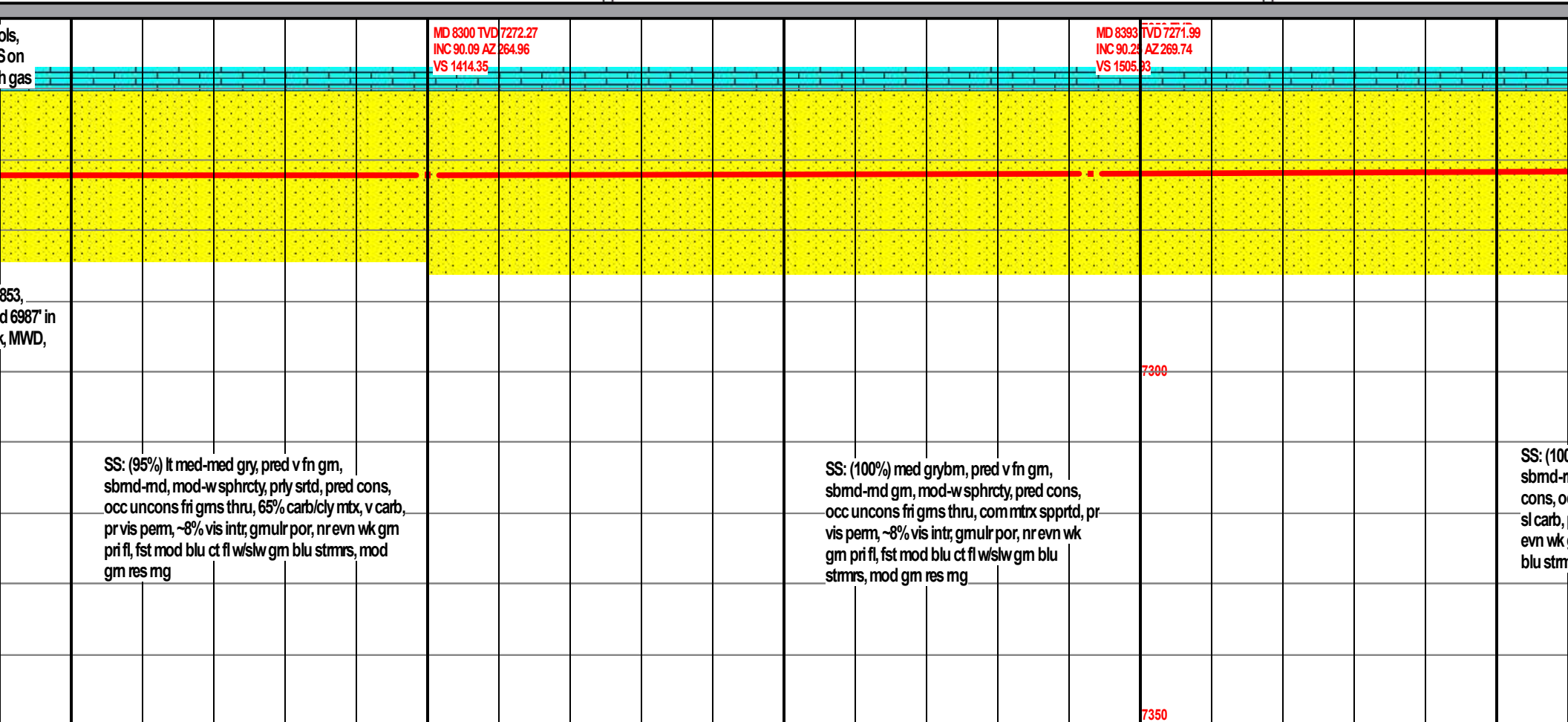
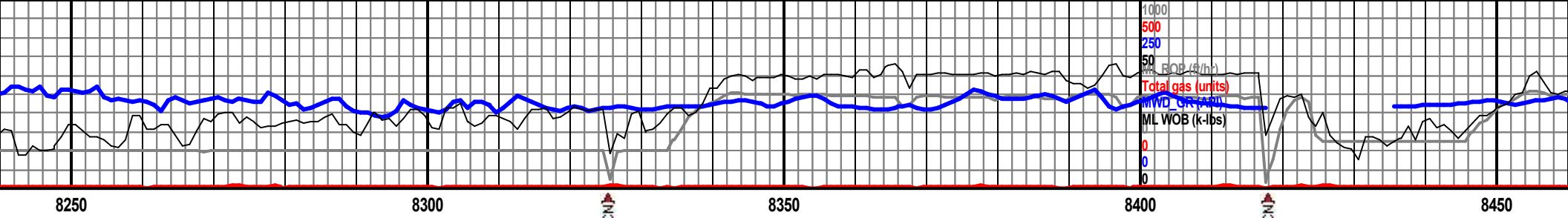


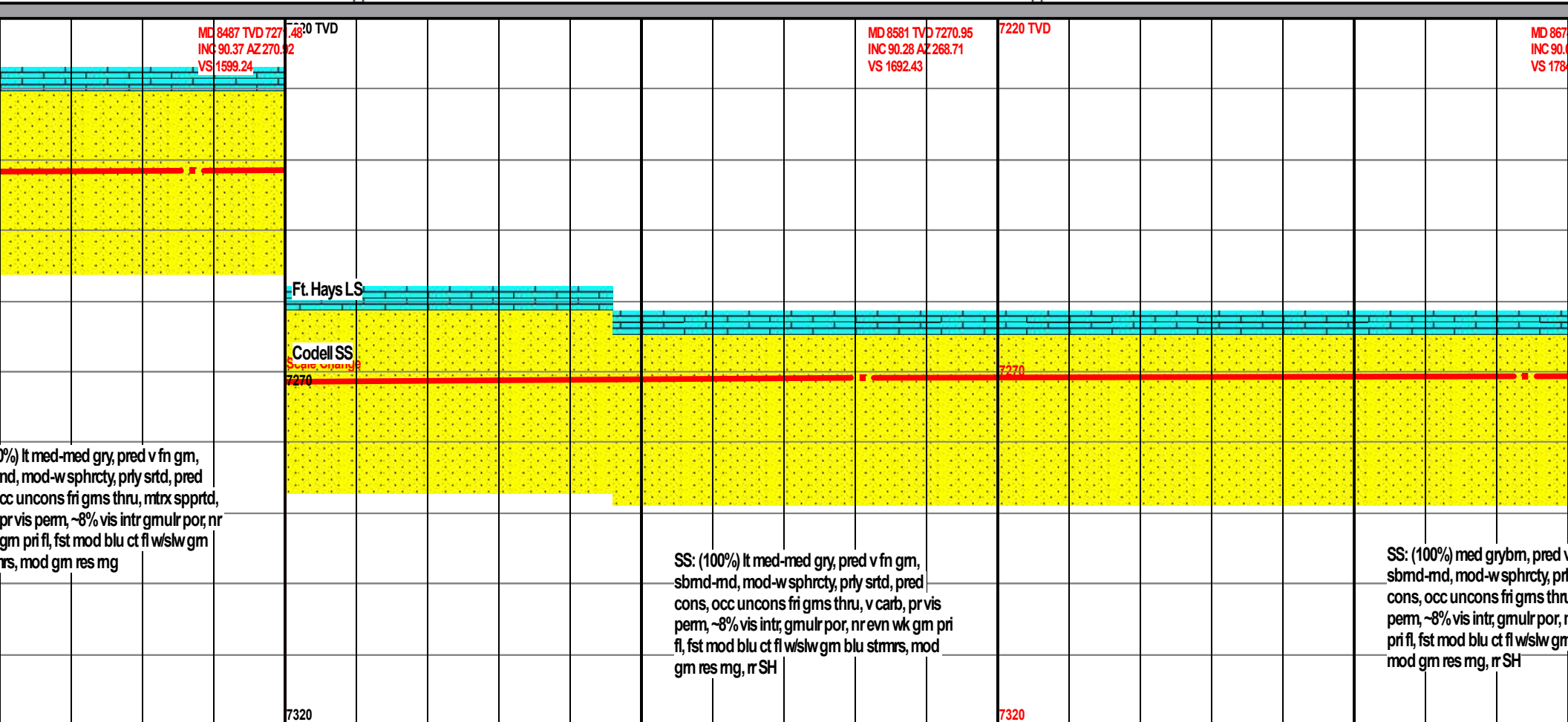
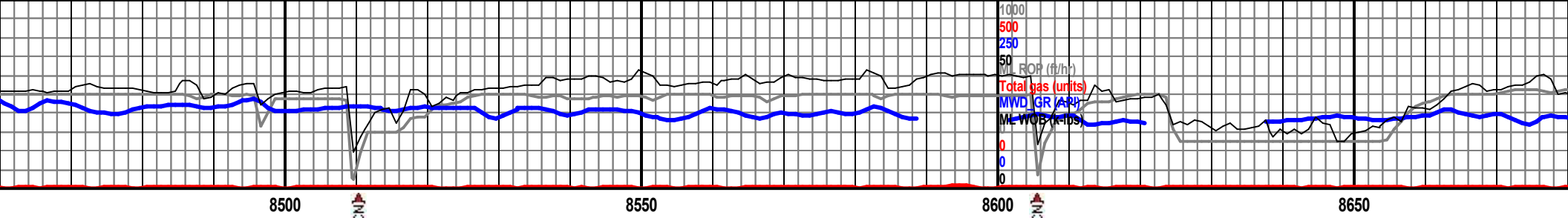






Trip Gas - 18 u

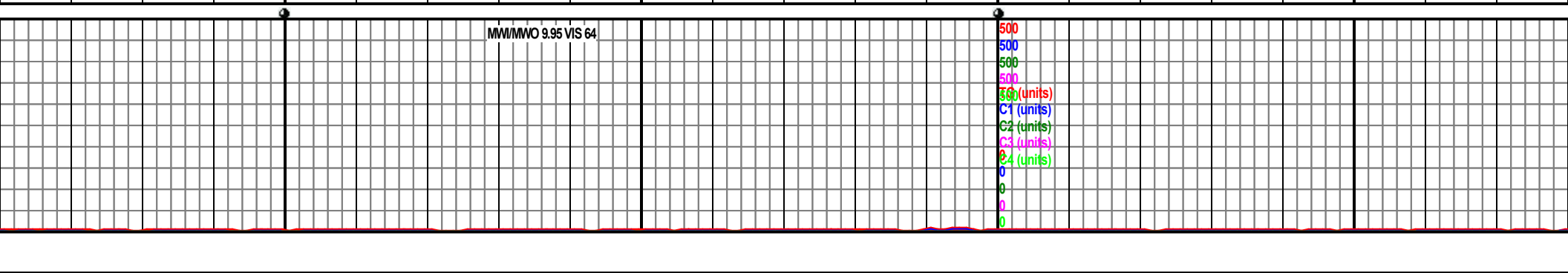


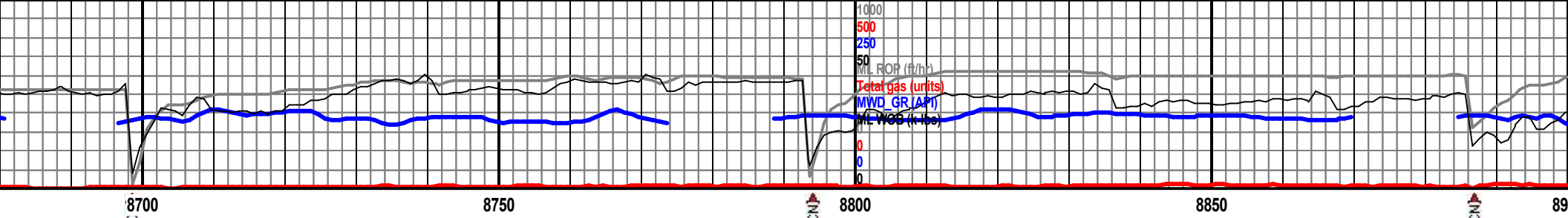



0%) lt med-med gry, pred v fn gm,
md, mod-w sphrcty, prly srted, pred
occ uncons fri gms thru, mtrx spprtd,
pr vis perm, ~8% vis intr gmulr por, nr
gm pri fl, fst mod blu ct fl wslw gm
rs, mod gm res mg

SS: (100%) lt med-med gry, pred v fn gm,
sbmd-md, mod-w sphrcty, prly srted, pred
cons, occ uncons fri gms thru, v carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl wslw gm blu stmrs, mod
gm res mg, r SH

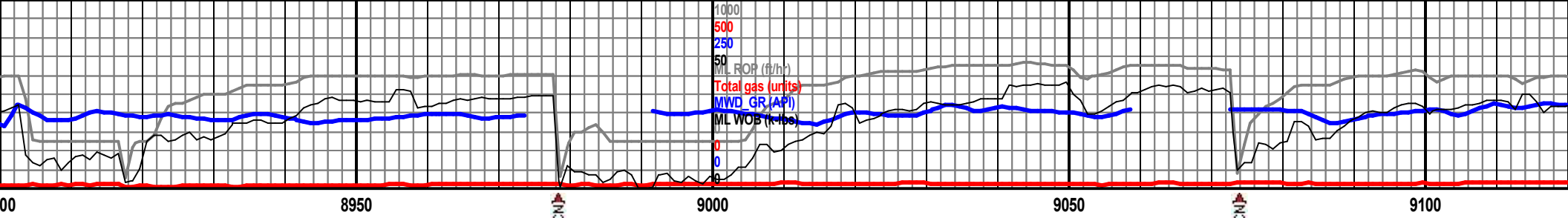
SS: (100%) med grybm, pred v
sbmd-md, mod-w sphrcty, prly
cons, occ uncons fri gms thru
perm, ~8% vis intr, gmulr por, r
pri fl, fst mod blu ct fl wslw gm
mod gm res mg, r SH





4 TVD 7270.67 6 AZ 267.98 31										MD 8768 TVD 7270.39 INC 90.28 AZ 268.96 VS 1877.2					7220 TVD										MD 8863 TVD 7269.98 INC 90.22 AZ 270.08 VS 1971.83									
																																		
v fn gm, y srted, pred u, v carb, pr vis nr evn wk gm n blu stmrs,										SS: (100%) med grybm, pred v fn gm, sbmd-md, mod-w sphrcty, prly srted, pred cons, occ unconfs fri gms thru, v carb, pr vis perm, ~8% vis intr, gmulr por, nr evn wk gm pri fl, fst mod blu ct fl w/slw gm blu stmrs, mod gm res mg, tr SH										7320					SS: (100%) med grybm, pred v fn gm, sbmd-md, mod-w sphrcty, prly srted, pred cons, occ unconfs fri gms thru, v carb, pr vis perm, ~8% vis intr, gmulr por, nr evn wk gm pri fl, fst mod blu ct fl w/slw gm blu stmrs, mod gm res mg, nr SH									

500	MW/MWO 9.95 VIS 60	Depth 8863'
500		MW 9.95'
500		VIS 60
500		PV 25
500		YP 10
500 (units)		Gels 7/12/15
C1 (units)		Flt 6.8
C2 (units)		Sol 14
C3 (units)		OW 79/21
C4 (units)		CI 38000
0		ES 690
0		
0		
0		
0		
0		



MD 8955 TVD 7269.78
INC 90.03 AZ 269.89
VS 2062.59

7220 TVD

MD 9050 TVD 7269.88
INC 89.85 AZ 270.17
VS 2156.83

Ft. Hays LS

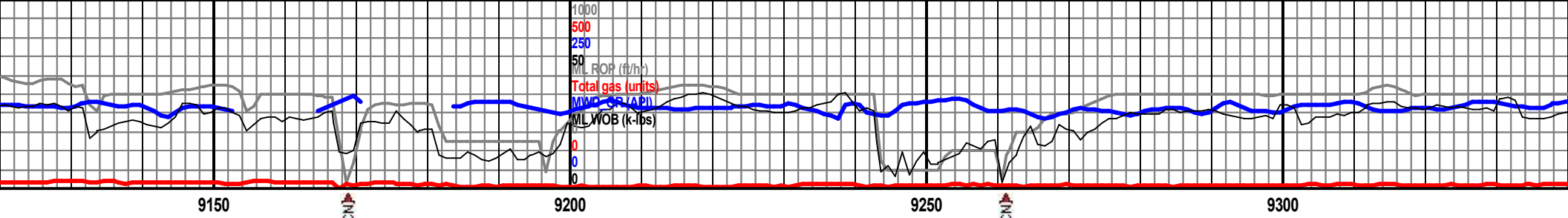
Codell SS

SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prty srted, pred
cons, occ unconfs fri gms thru, v carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl w/slw gm blu stmrs, mod
gm res mg, rr SH

SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prty srted, pred
cons, occ unconfs fri gms thru, v carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl w/slw gm blu stmrs, mod
gm res mg, rr SH

7320

500
500
500
500
500
500 (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)

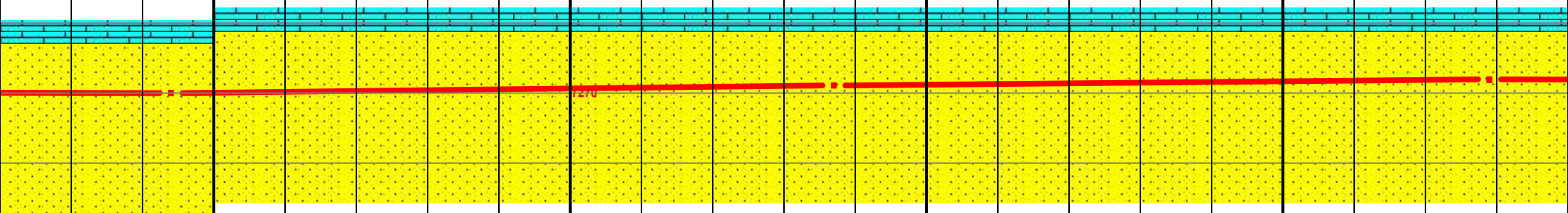


MD 9144 TVD 7269.93
INC 90.89 AZ 271.14
VS 2251.2

7220 TVD

MD 9237 TVD 7268.83
INC 91.26 AZ 272.15
VS 2342.74

MD 9329 TVD 7268.83
INC 89.82 AZ 272.15
VS 2434.26

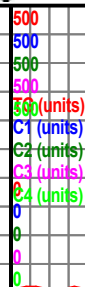


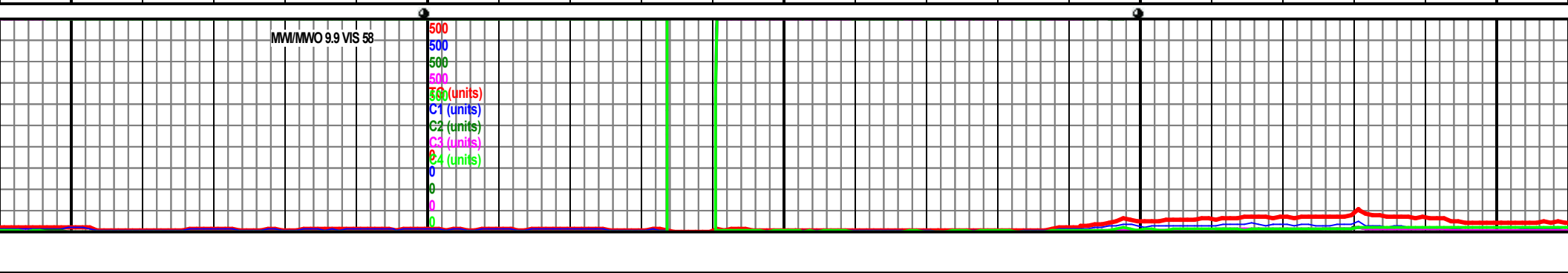
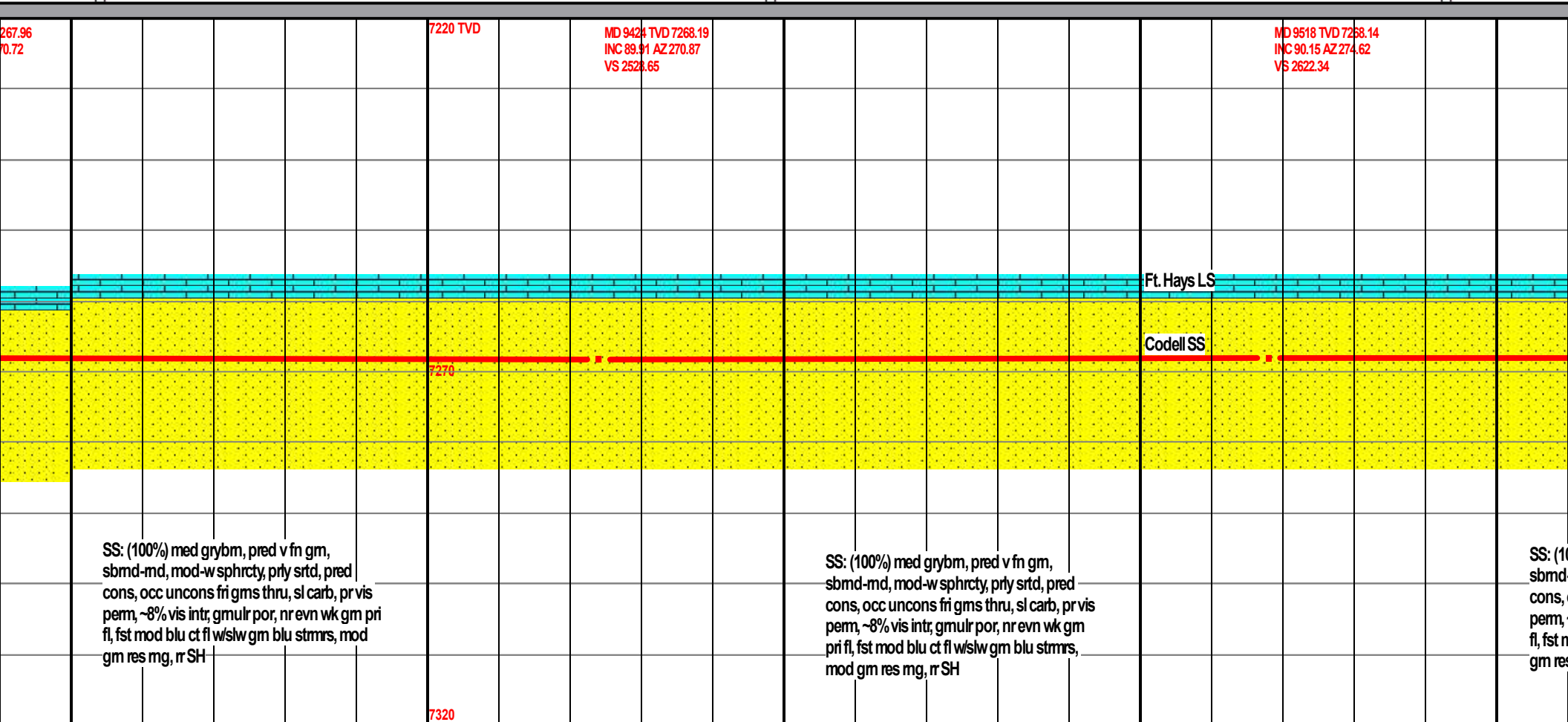
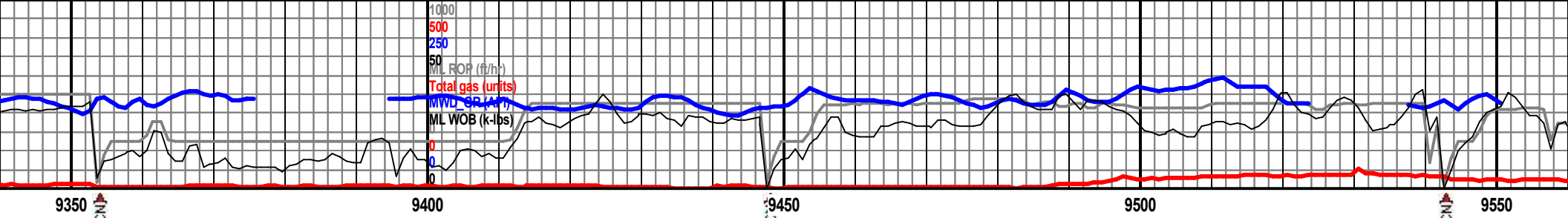
SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prly srted, pred
cons, occ unconfs fri gms thru, sl carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl wslw gm blu stmrs, mod
gm res mg, rr SH

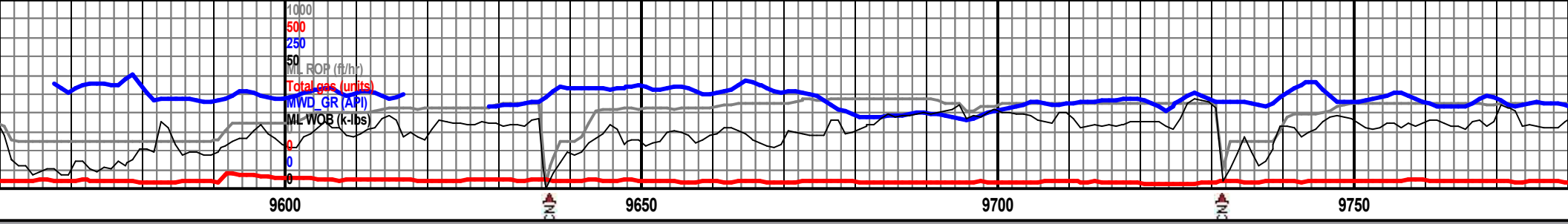
SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prly srted, pred
cons, occ unconfs fri gms thru, sl carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl wslw gm blu stmrs, mod
gm res mg, rr SH

7320

MW/MVO 9.95 VIS 61







7220 TVD

MD 9610 TVD 7268.09
INC 89.91 AZ 277.05
VS 2714.31

MD 9704 TVD 7267.98
INC 90.22 AZ 275.47
VS 2808.29

7270

100%) med grybm, pred v fn gm,
-md, mod-w sphrcty, prly srtd, pred
occ uncons fri gms thru, sl carb, pr vis
~8% vis intr, gmulr por, nr evn wk gm pri
mod blu ct fl wslw gm blu stmrs, mod
s mg, rr SH

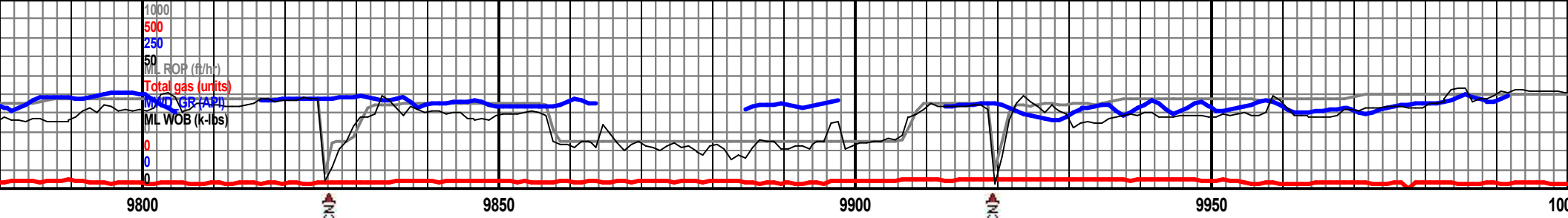
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sbmd-md, mod-w sphrcty, prly srtd, pred
cons, occ uncons fri gms thru, sl carb, pr vis
perm, ~8% vis intr, gmulr por, nr evn wk gm pri
fl, fst mod blu ct fl wslw gm blu stmrs, mod
gm res mg, SH: (5%)

SS: (100%) med grybm, pred
sbmd-md, sl blkcy, mod-w sp
pred cons, occ uncons fri gm
vis perm, ~8% vis intr, gmulr p
pri fl, fst mod blu ct fl wslw gm
gm res mg, com SH

7320

MW/MWO 9.9 VIS 59

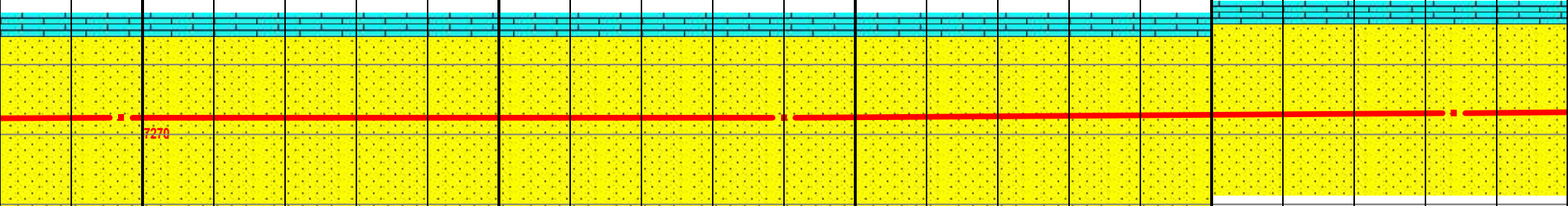
500
500
500
500
500 (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
0
0
0
0



MD 9797 TVD 7267.73
INC 90.09 AZ 275.11
VS 2901.23

MD 9890 TVD 7267.56
INC 90.12 AZ 273.92
VS 2994.12

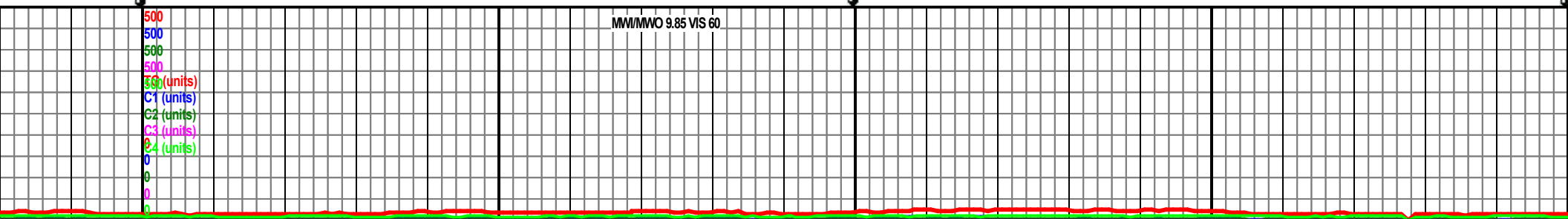
MD 9984 TVD 7266.95
INC 90.62 AZ 271.81
VS 3087.84



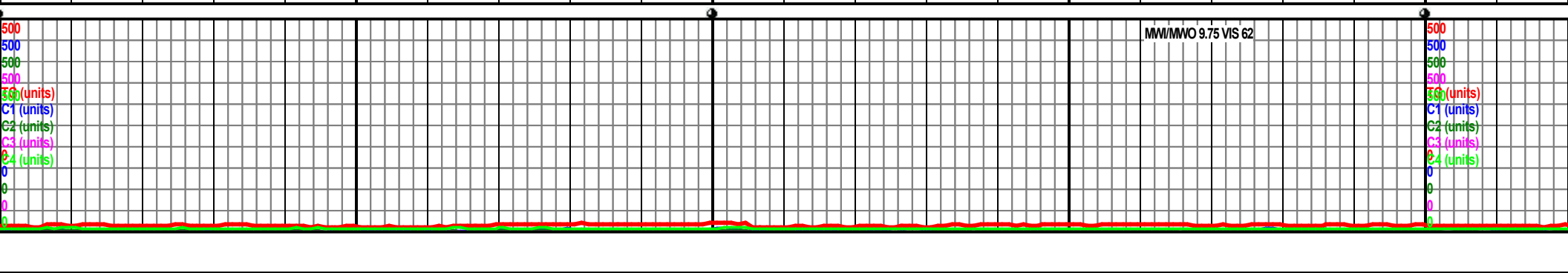
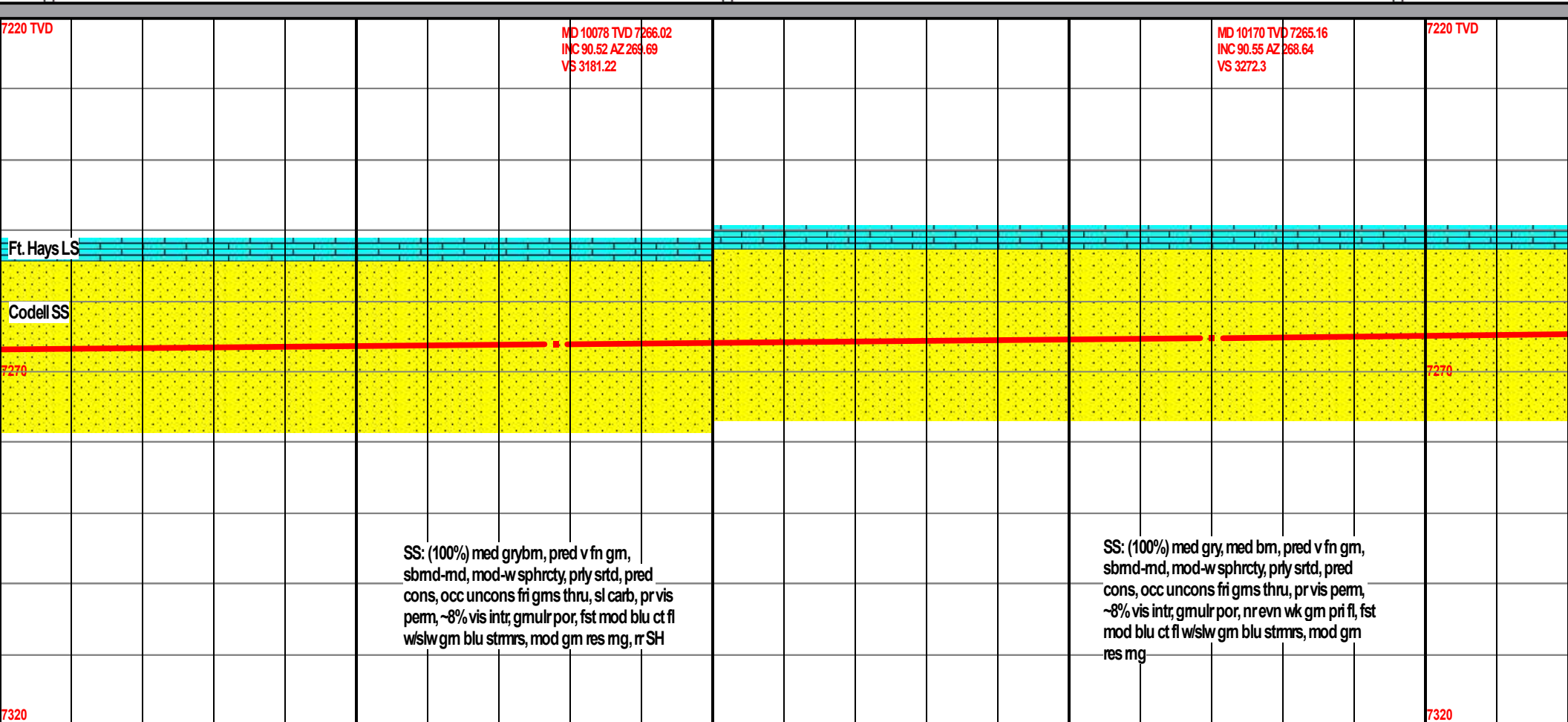
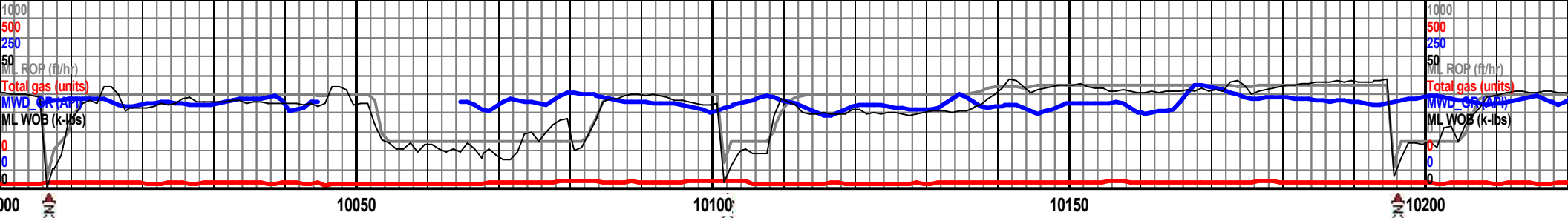
v fn gm,
hrcty, prly srted,
is thru, sl carb, pr
or, nr evn wk gm
n blu stmrs, mod

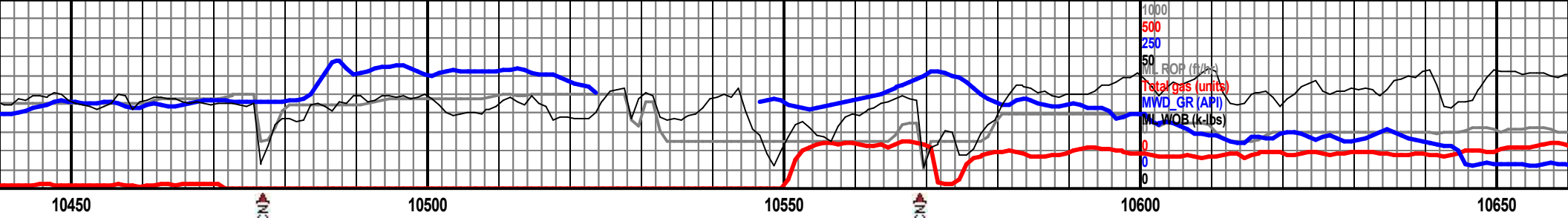
SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prly srted, pred
cons, occ uncons fri gms thru, pr vis perm,
~8% vis intr, gmulr por, nr evn wk gm pri fl, fst
mod blu ct fl wslw gm blu stmrs, mod gm
res mg, tr SH

SS: (100%) med grybm, pred v fn gm,
sbmd-md, mod-w sphrcty, prly srted, pred cons,
occ uncons fri gms thru, pr vis perm, ~8% vis
intr, gmulr por, fst mod blu ct fl wslw gm blu
stmrs, mod gm res mg, tr SH



MMW/MWO 9.85 VIS 60



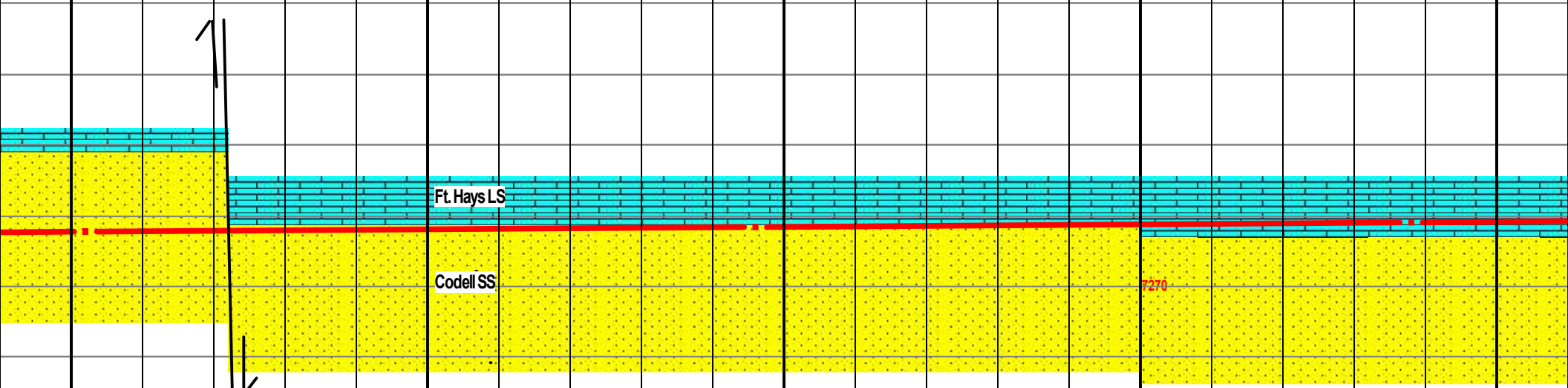


MD 10452 TVD 7262.21
INC 90.4 AZ 266.67
VS 3550.55

MD 10546 TVD 7261.58
INC 90.37 AZ 266.93
VS 3542.98

7220 TVD

MD 10638 TVD 7260.89
INC 90.49 AZ 261.55
VS 3733.57

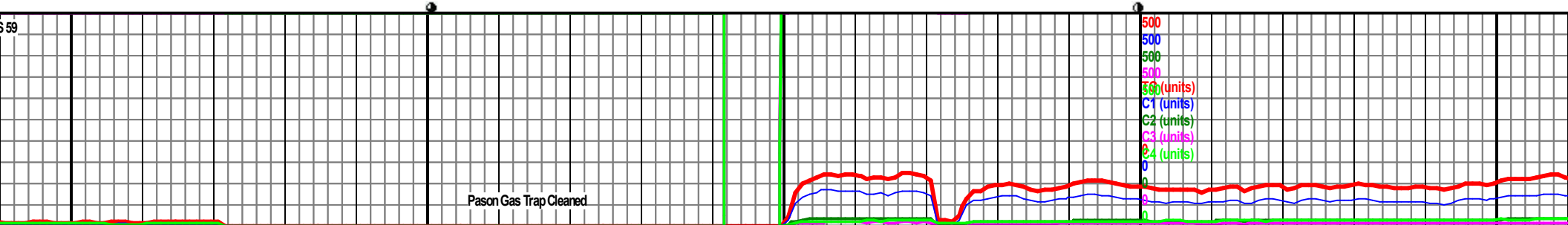


Fault #1 @ 10,472' MD ~12' Down

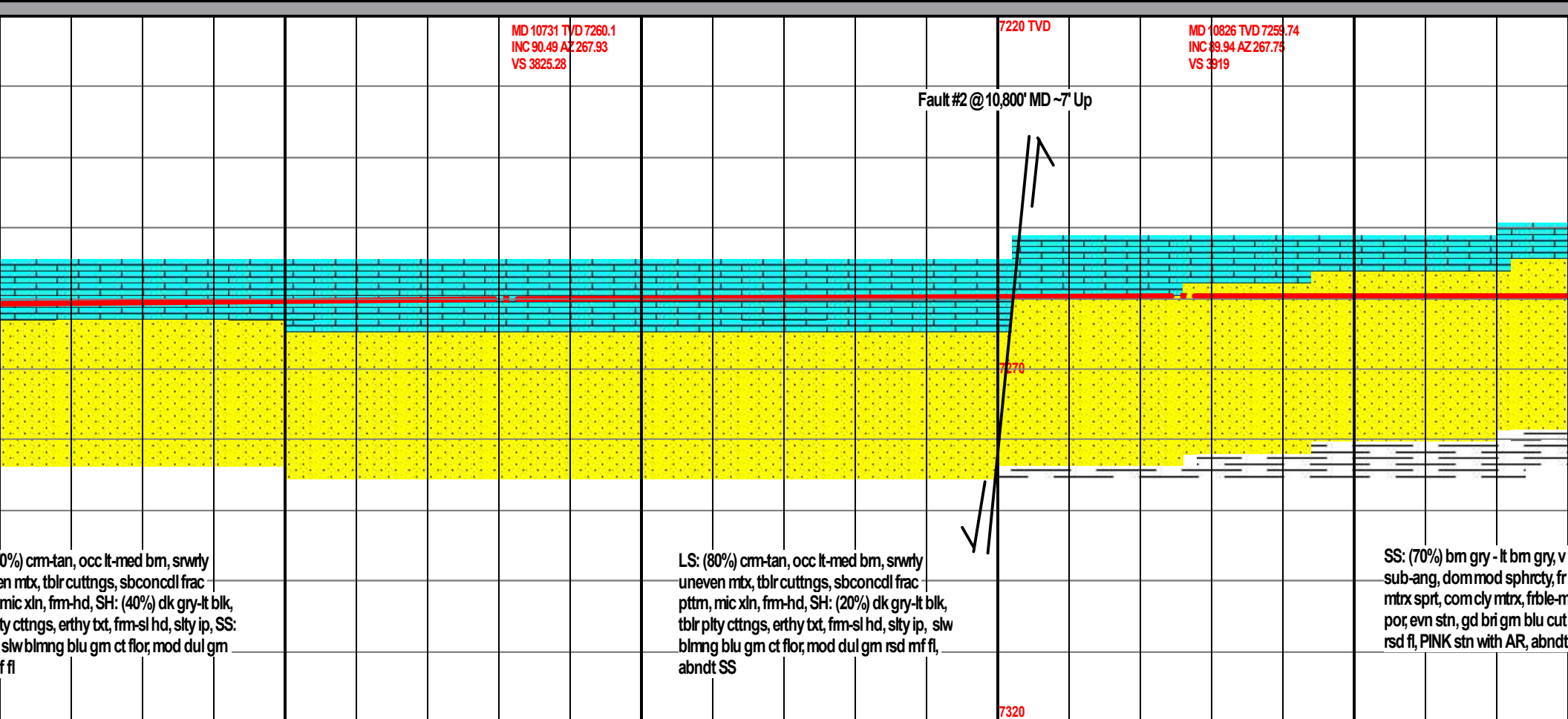
SS: (100%) med gry-med bm, pred v fn gm, sbmd-md, mod-w sphrcty, prly strtd, pred cons, occ unconsl fri gms thru, sl rxn w/ HCL, pr vis perm, ~8% vis intr, gmulr por, fst mod blu ct fl w/ slw gm blu stmrs, mod gm res mg, rr SH

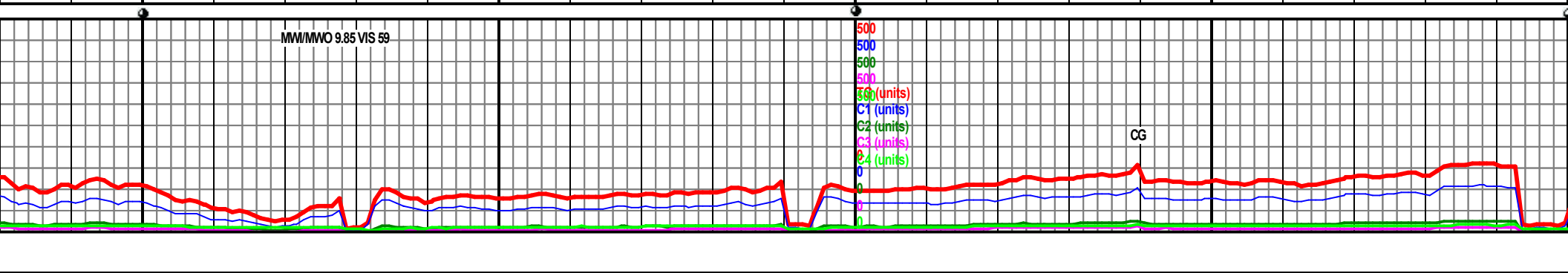
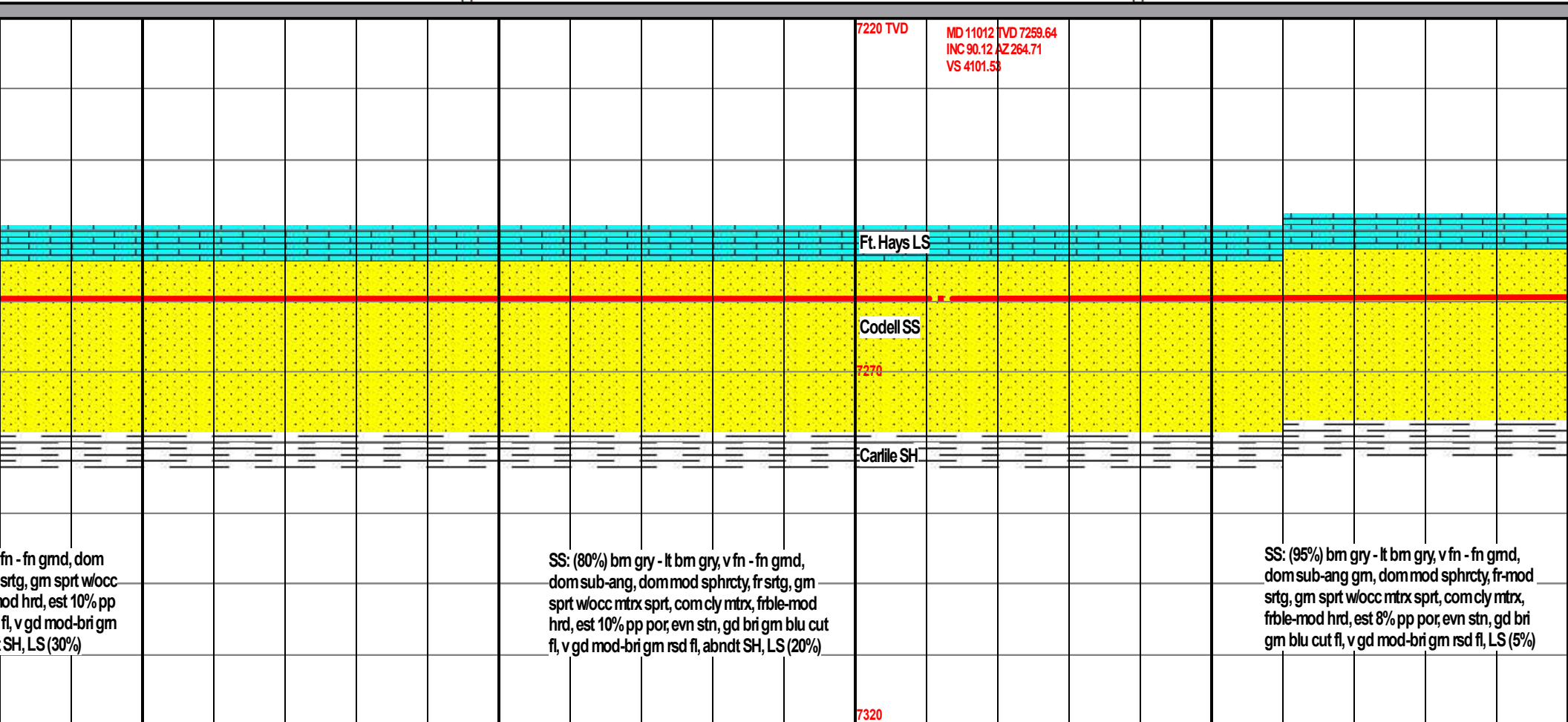
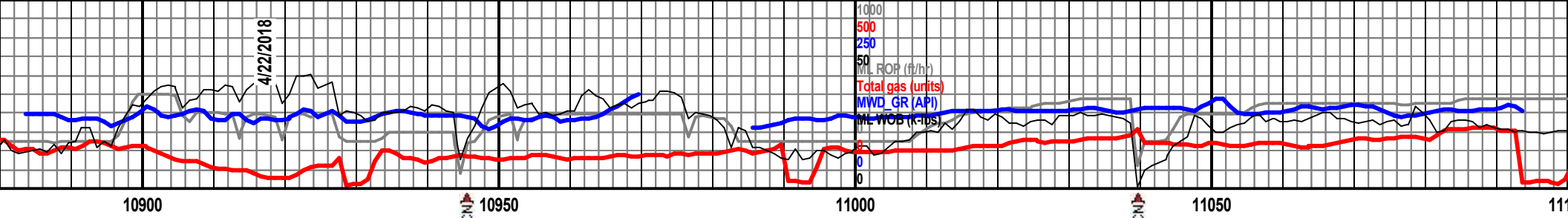
SS: (50%) med gry-med bm, pred v fn gm, sbmd-md, mod-w sphrcty, prly strtd, pred cons, occ unconsl fri gms thru, ~10% vis intr, gmulr por, mod fst blu ct fl w/ slw gm blu stmrs, mod gm res mg, SH: (50%)

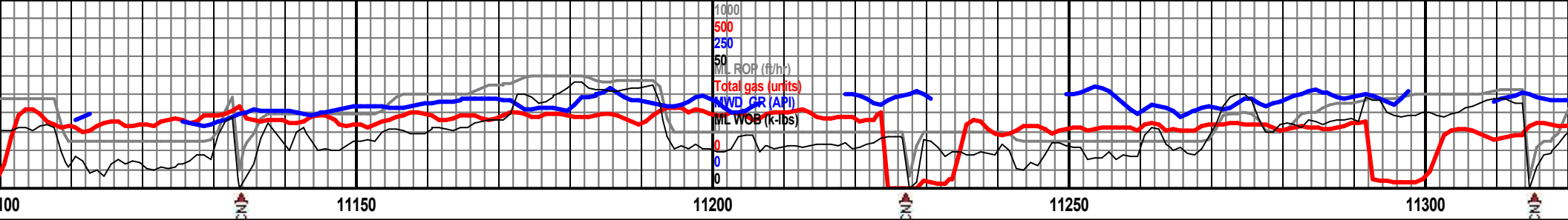
LS: (50%) med gry-med bm, pred v fn gm, sbmd-md, mod-w sphrcty, prly strtd, pred cons, occ unconsl fri gms thru, ~10% vis intr, gmulr por, mod fst blu ct fl w/ slw gm blu stmrs, mod gm res mg, SH: (50%)



Pason Gas Trap Cleaned



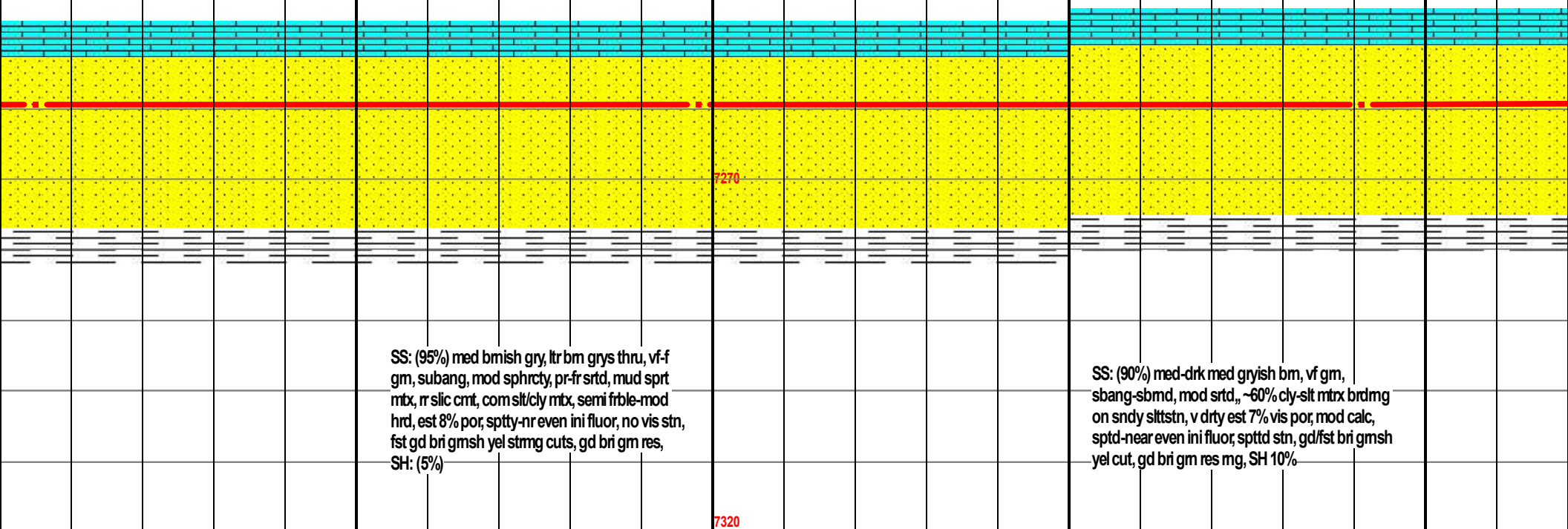




MD 11105 TVD 7259.47
INC 90.09 AZ 265.23
VS 4192.4

MD 11198 TVD 7259.37
INC 90.03 AZ 267.55
VS 4283.72

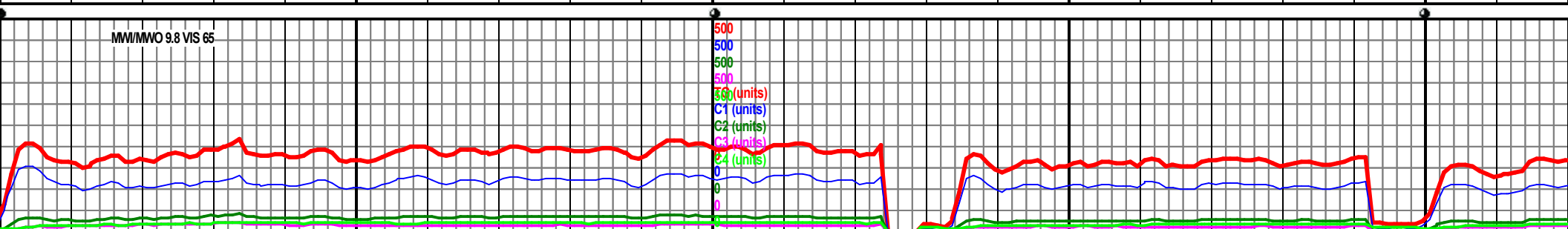
MD 11291 TVD 7259.4
INC 89.94 AZ 270.7
VS 4375.77

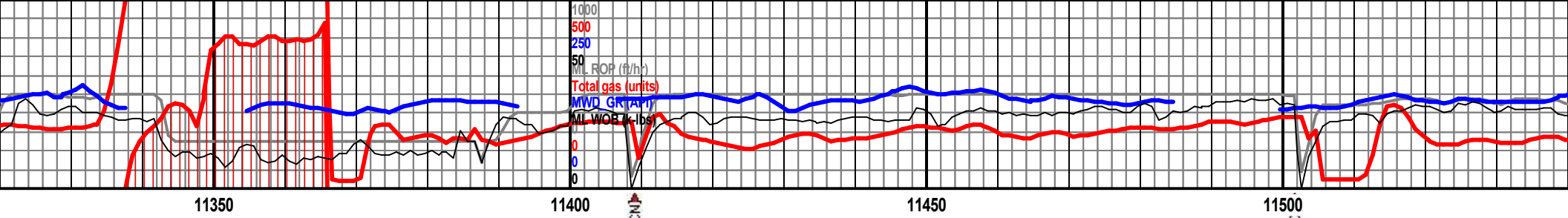


SS: (95%) med bmish gry, ltr bm gry thru, vf-f
gm, subang, mod sphrcty, pr-fr srted, mud sprt
mtx, rr slic cmt, com slt/cly mtz, semi frble-mod
hrd, est 8% por, sptty-nr even ini fluor, no vis stn,
fst gd bri gmsh yel stmg cuts, gd bri gm res,
SH: (5%)

SS: (90%) med-drk med gryish bm, vf gm,
sbang-sbmd, mod srted, ~60% cly-slt mtrx brdmg
on sndy sltstn, v drty est 7% vis por, mod calc,
sptd-near even ini fluor, spttd stn, gd/fst bri gmsh
yel cut, gd bri gm res mg, SH 10%

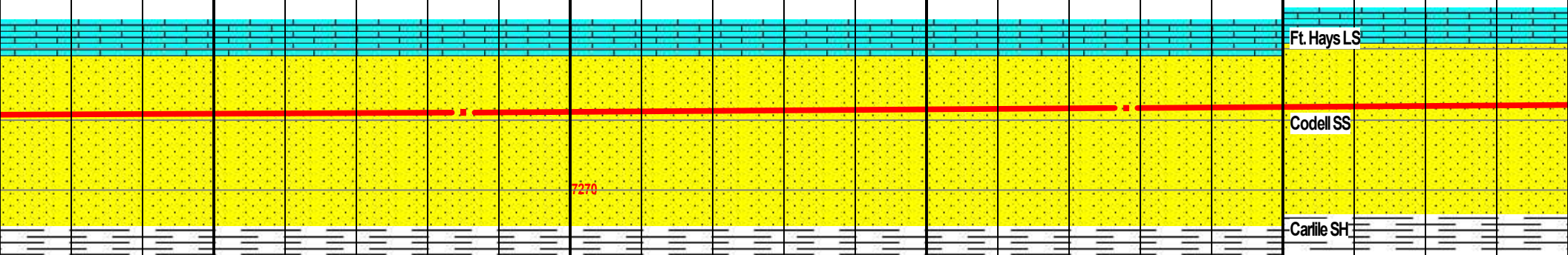
MW/MWO 9.8 VIS 65





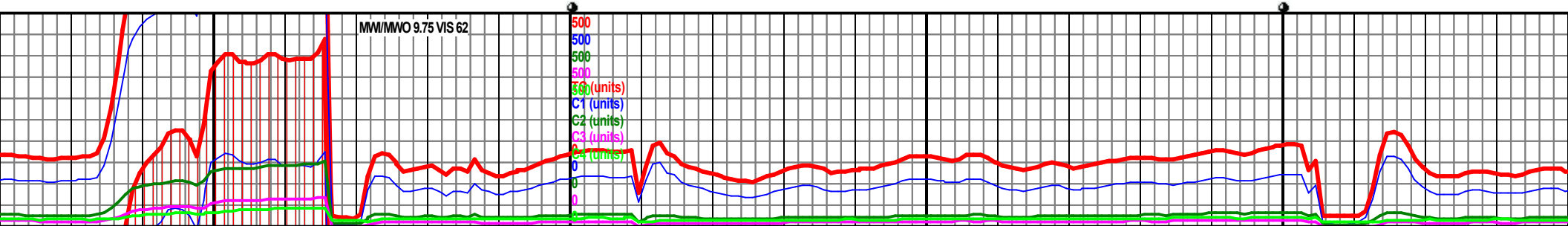
MD 11385 TVD 7259.7220 TVD
INC 90.43 AZ 274.4
VS 4469.44

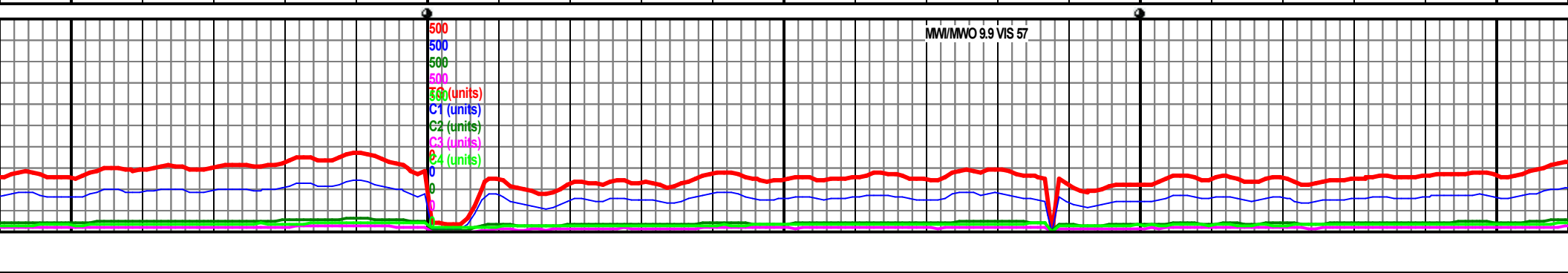
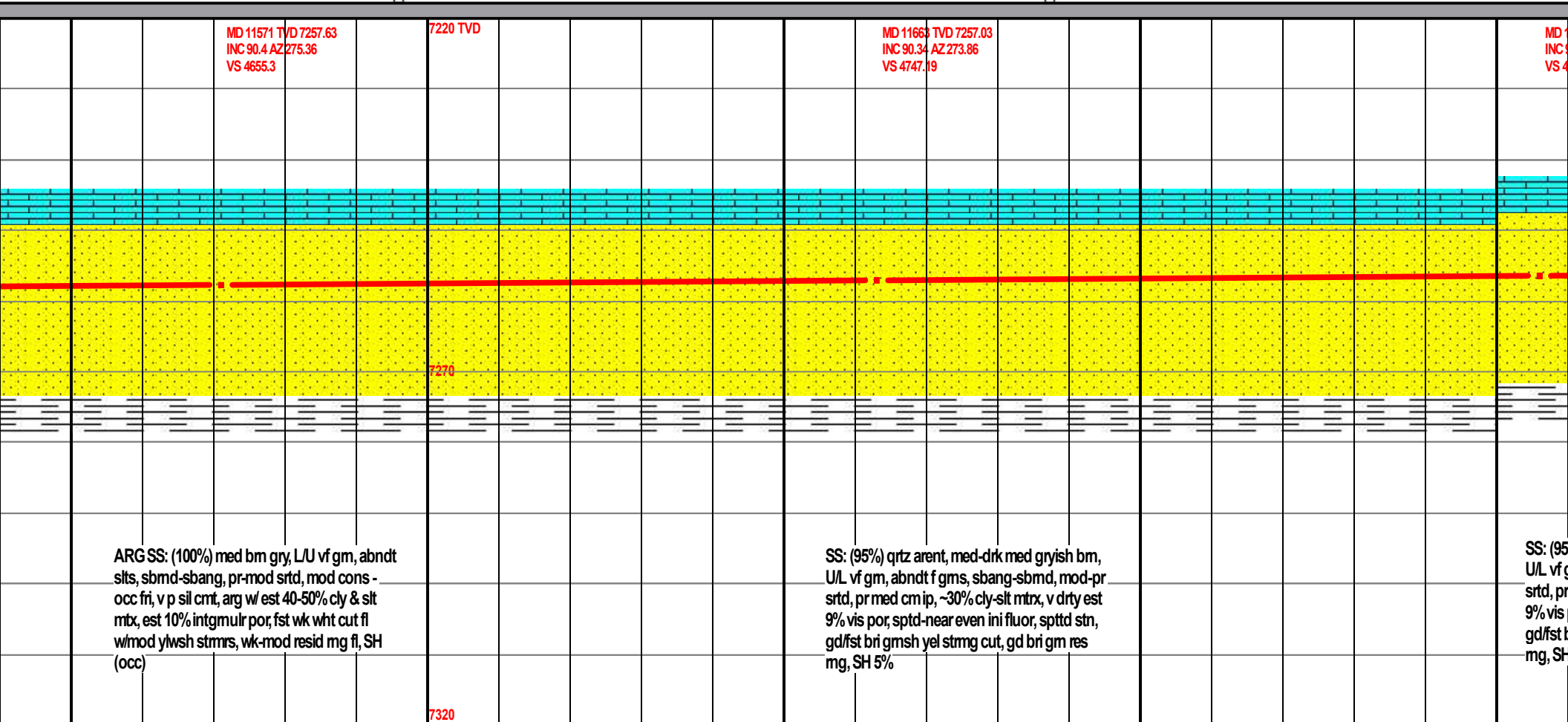
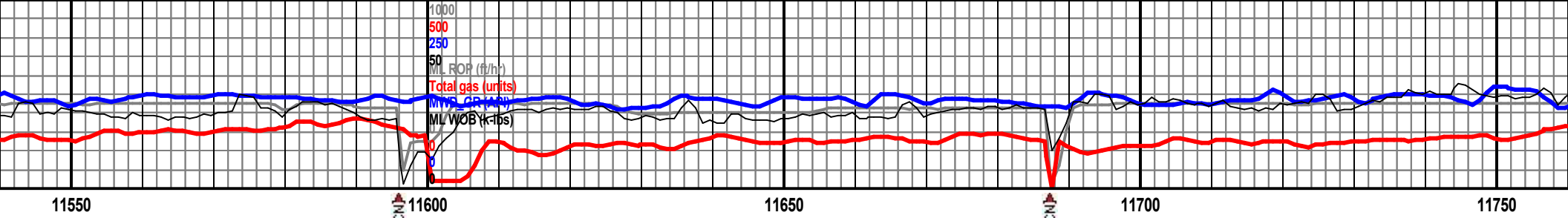
MD 11478 TVD 7258.35
INC 90.49 AZ 273.34
VS 4562.35

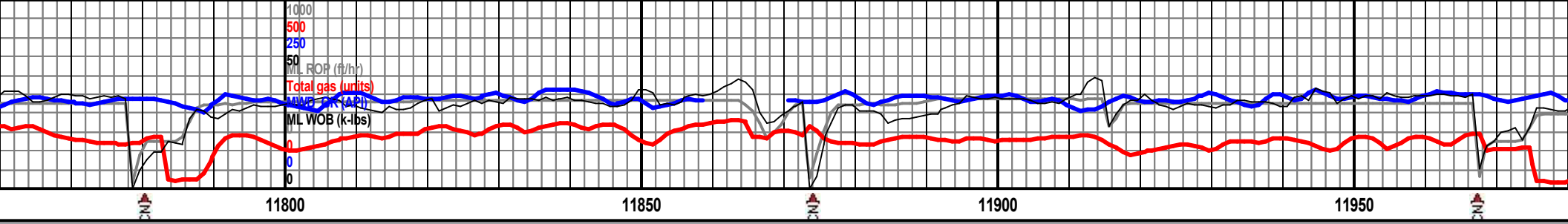


SS: (85%) lt med-med gryish bm-lt gryish tan, U/L vf gm, abndt f gms th sbang-sbmd, mod-pr srtd, pr med cm ip, 40% calc cmt, 60% cly cmt, v dirty est 7% vis por, sptd-near even ini fluor, spttd stn, gd/fst bri gmsh yel strmg cut, gd bri gm res mg, incrsng SH 15%

SS: (95%) qrtz arent, med-drk med gryish bm, U/L vf gm, abndt f gms, sbang-sbmd, mod-pr srtd, pr med cm ip, ~30% cly-slt mtrix, v dirty est 9% vis por, sptd-near even ini fluor, spttd stn, gd/fst bri gmsh yel strmg cut, gd bri gm res mg, SH 5%





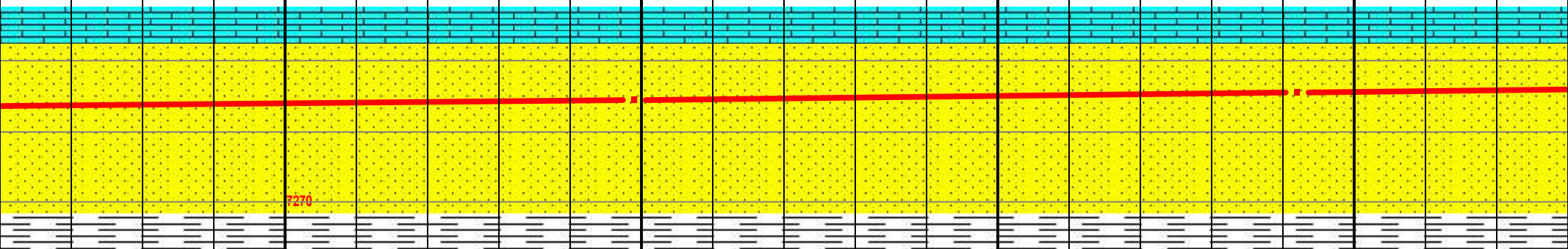


1756 TVD 7256.36
 0.49 AZ 272.55
 839.95

7220 TVD

MD 11849 TVD 7255.51
 NC 90.55 AZ 272.47
 VS 4932.63

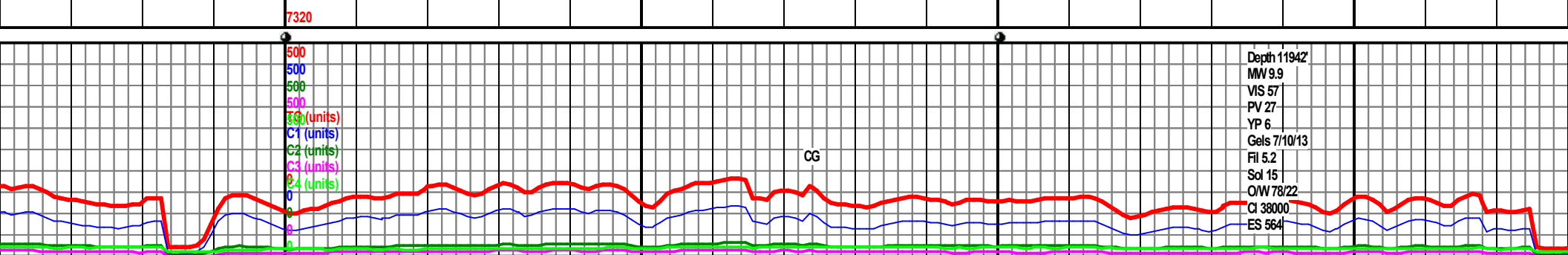
MD 11942 TVD 7254.54
 INC 90.65 AZ 272.14
 VS 5025.27



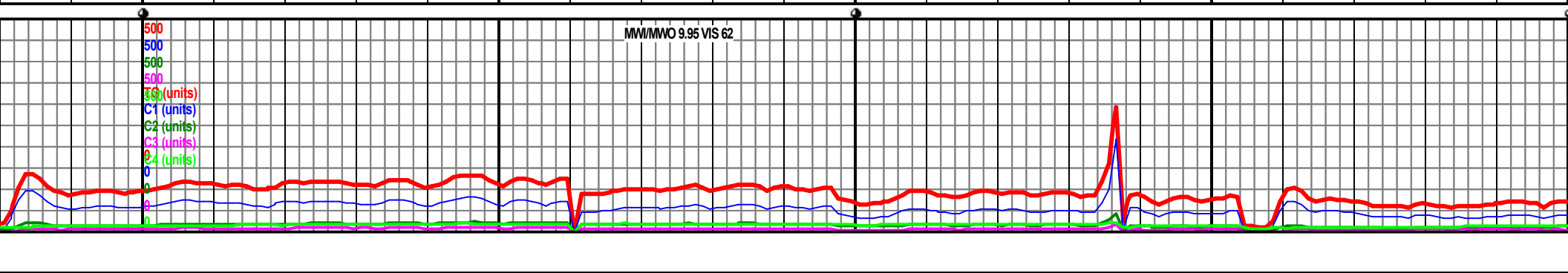
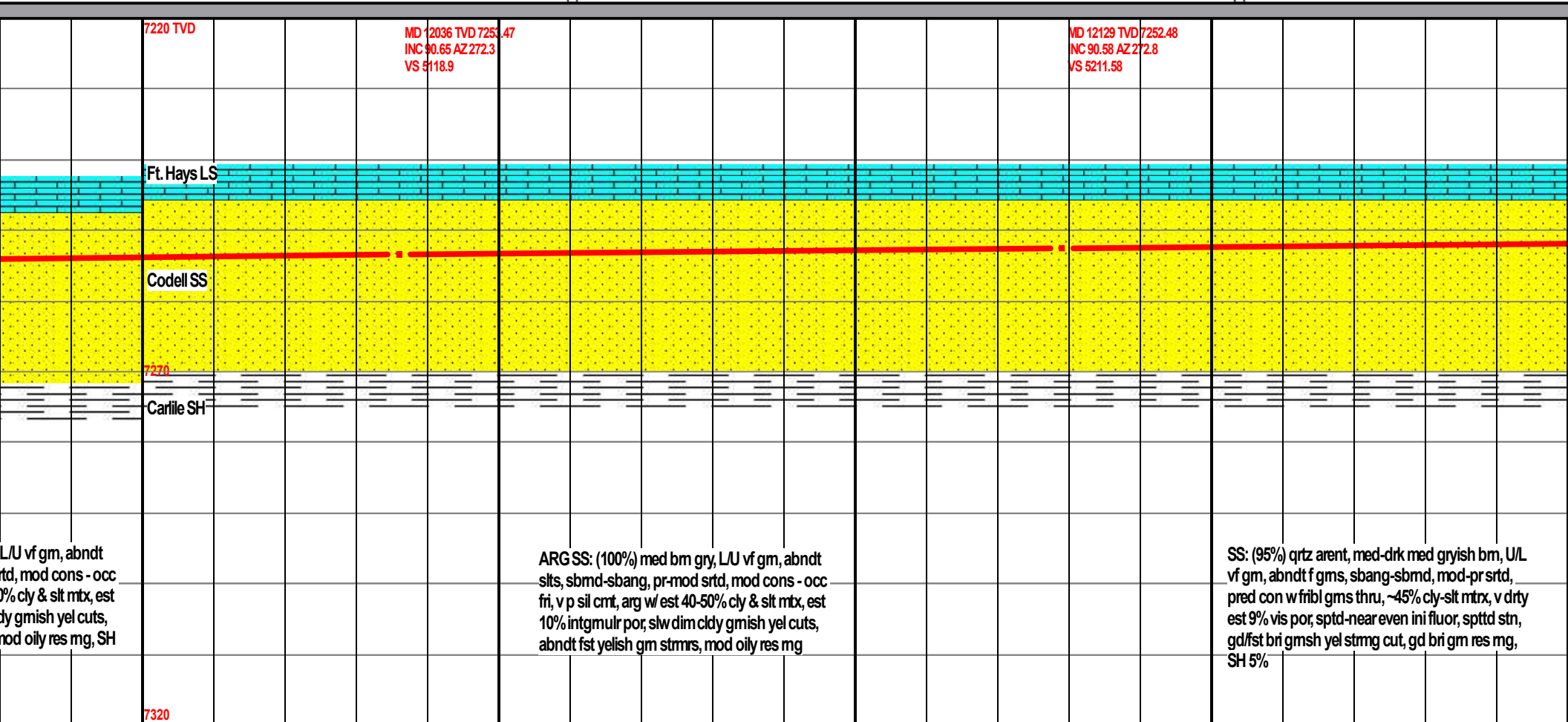
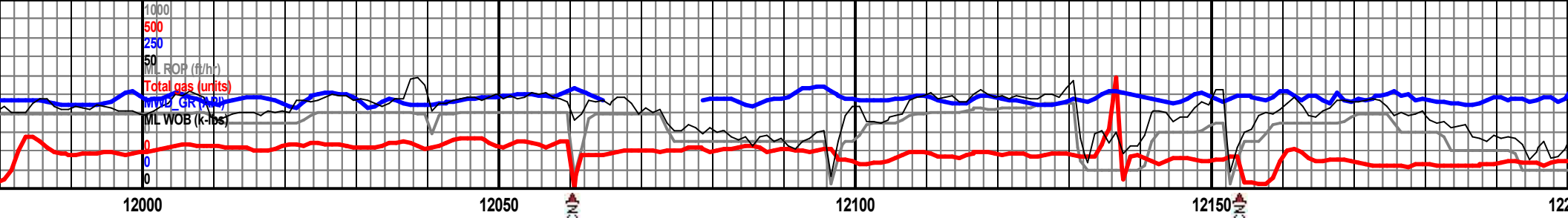
(%) qrtz arent, med-drk med gryish bm, gm, abndt f gms, sbang-sbmd, mod-pr med cm ip, ~30% cly-slt mtrix, v dirty est por, sptd-near even ini fluor, spttd stn, bri gmsh yel stmg cut, gd bri gm res 15%

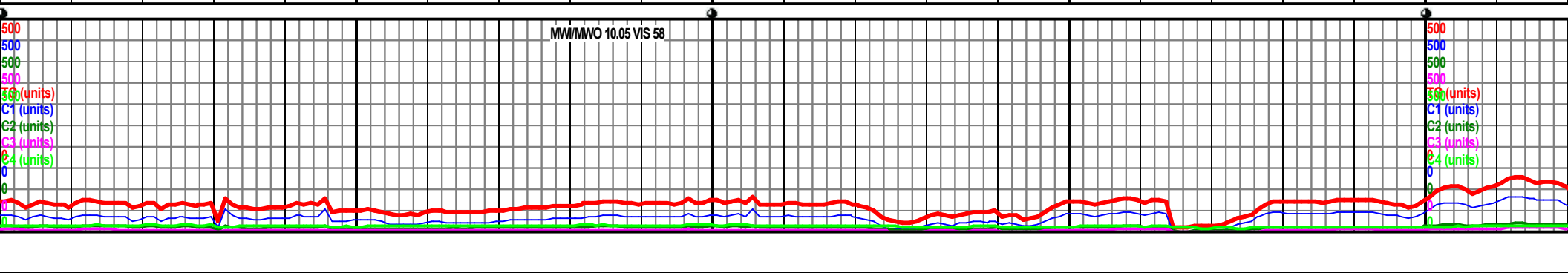
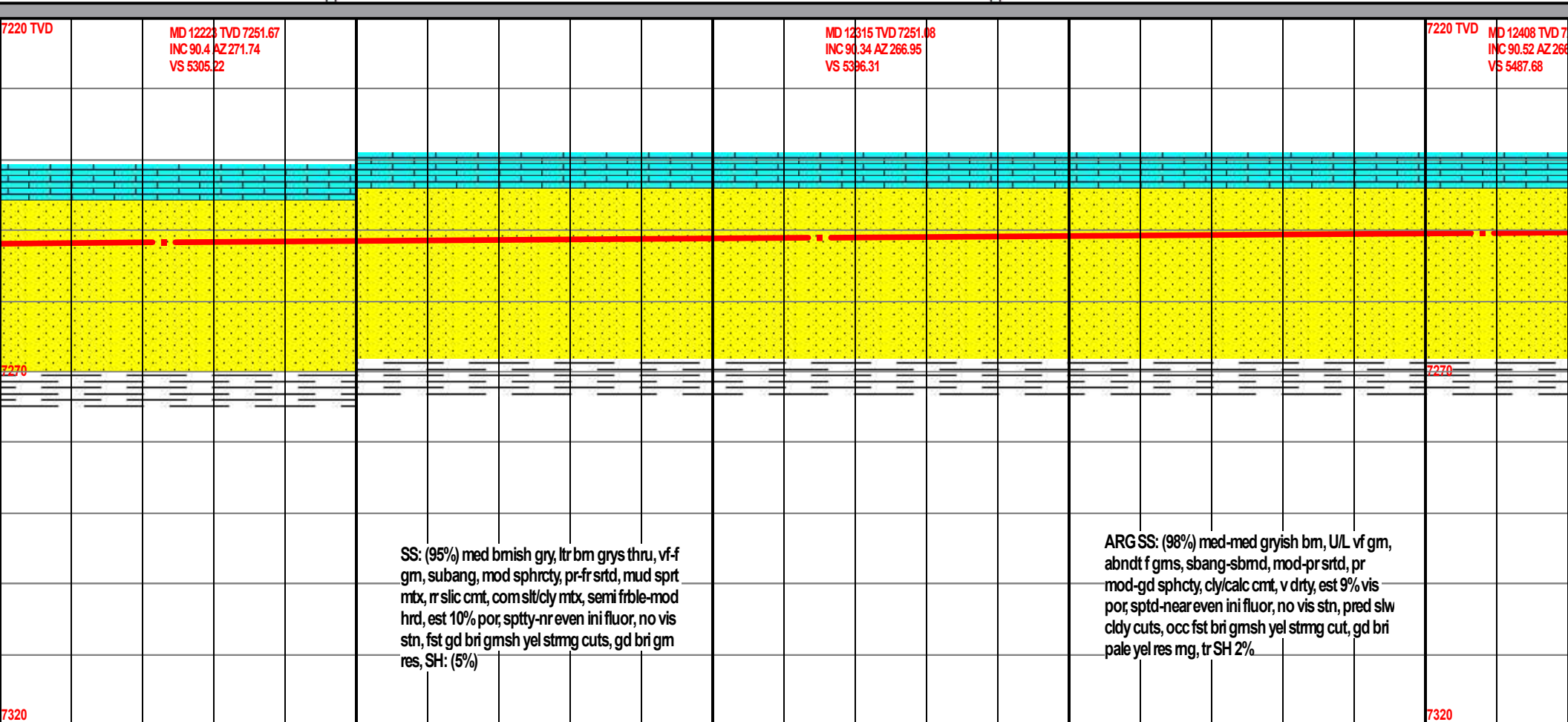
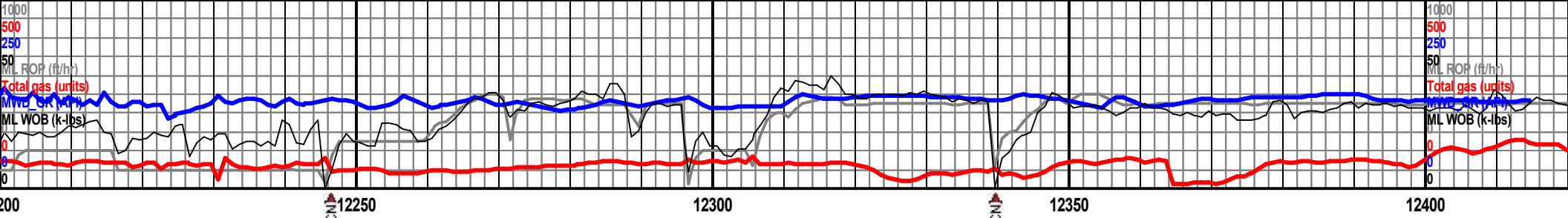
SS: (98%) med-med gryish bm, U/L vf gm, abndt f gms, sbang-sbmd, mod-pr srted, pr mod-gd sphcty, cly/calc cmt, v dirty, est 9% vis por, sptd-near even ini fluor, no vis stn, pred slw cldy cuts, occ fst bri gmsh yel stmg cut, gd bri pale yel res mg, tr SH 2%

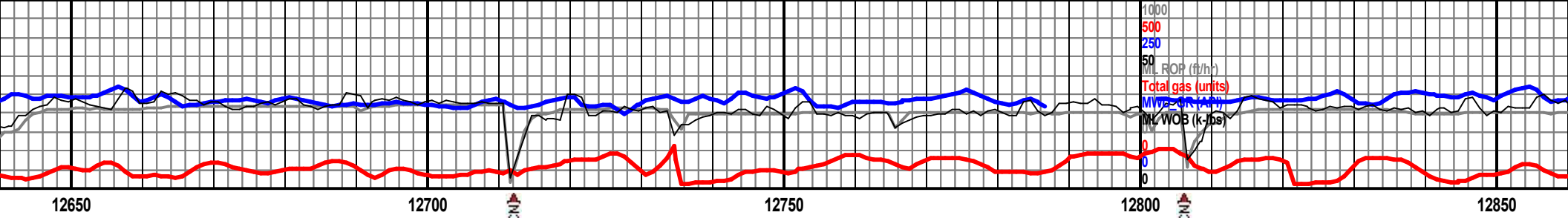
ARG SS: (95%) med bm gry, slts, sbmd-sbang, pr-mod s fri, v p sil cmt, arg w/ est 40-50% intgmulr por, slw dim cldy abndt fst yelish gm stmrns, n (5%)



Depth 11942
 MW 9.9
 VIS 57
 PV 27
 YP 6
 Gels 7/10/13
 Fil 5.2
 Sol 15
 O/W 78/22
 CI 38000
 ES 564







MD 12689 TVD 7247.9
INC 90.31 AZ 264.41
VS 5762.38

MD 12782 TVD 7247.35
INC 90.37 AZ 264.89
VS 5853.13

7220 TVD

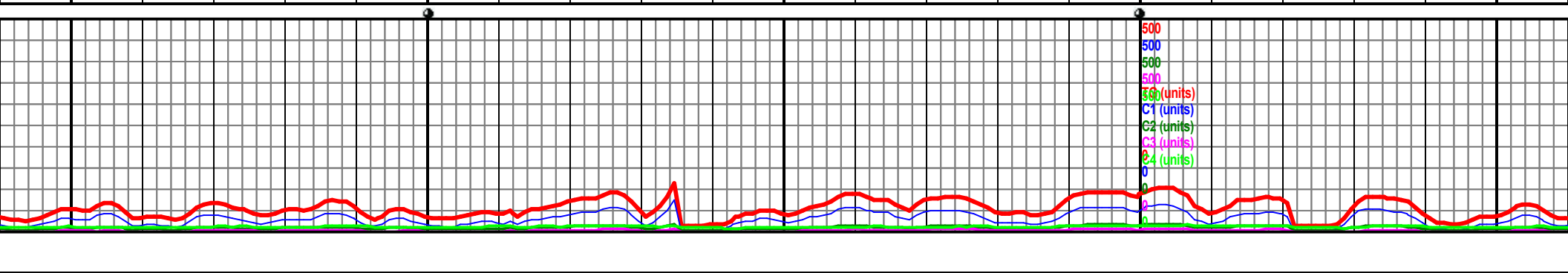
SS: (95%) med bm gry, L/U vf gm, abndt slts, sbmd-sbang, pr-mod srted, mod cons - occ fri, v p sil cmt, arg w/ est 40-50% cly & slt mtb, est 10% intgmulr por, slw dim cldy gmish yel cuts, abndt fst yelish gm stmrs, mod oily res mg, SH (5%)

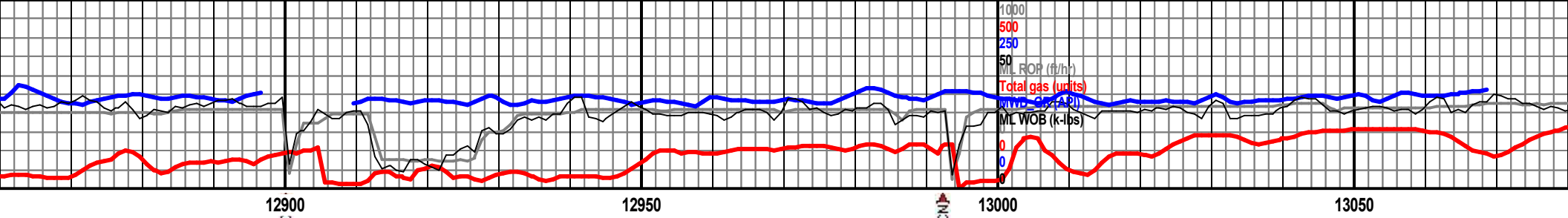
SS: (100%) med bmish gry, ltr bm grysh thru, vf-f gm, subang, mod sphrcty, pr-fr srted, mud sprt mtb, r slic cmt, com slt/cly mtb, semi frble-mod hrd, est 10% por, sptty-nr even ini fluor, no vis stn, fst gd bri gmsh yel strmg cuts, gd bri gm res mg

SS: (95%) vf gm, a pred co est 9% v gd/fst br SH 5%

7270

7320



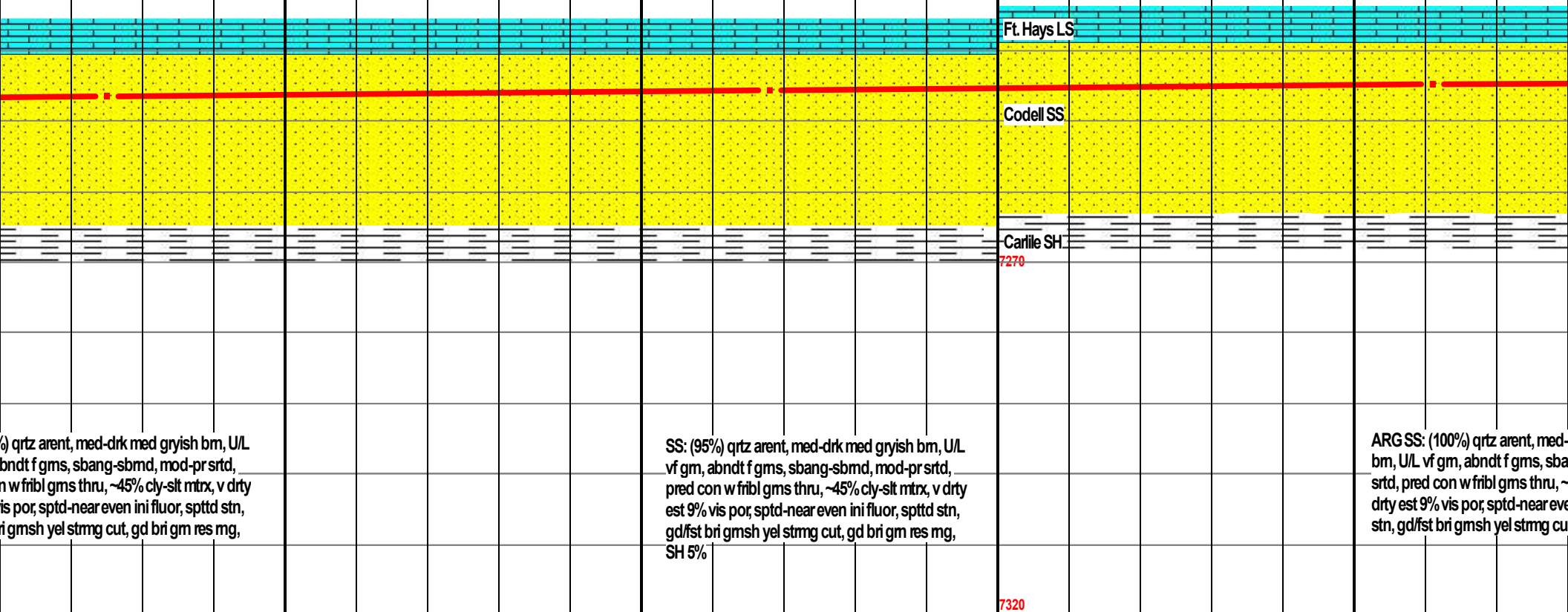


MD 12875 TVD 7246.55
INC 90.62 AZ 267.51
VS 5944.38

MD 12968 TVD 7245.62
INC 90.52 AZ 268.14
VS 6036.25

7220 TVD

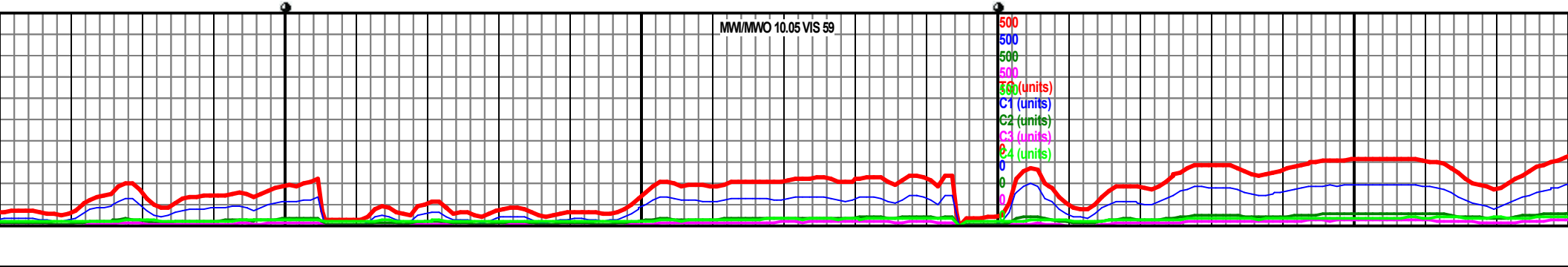
MD 13061 TVD 7244.88
INC 90.4 AZ 268.9
VS 6128.28

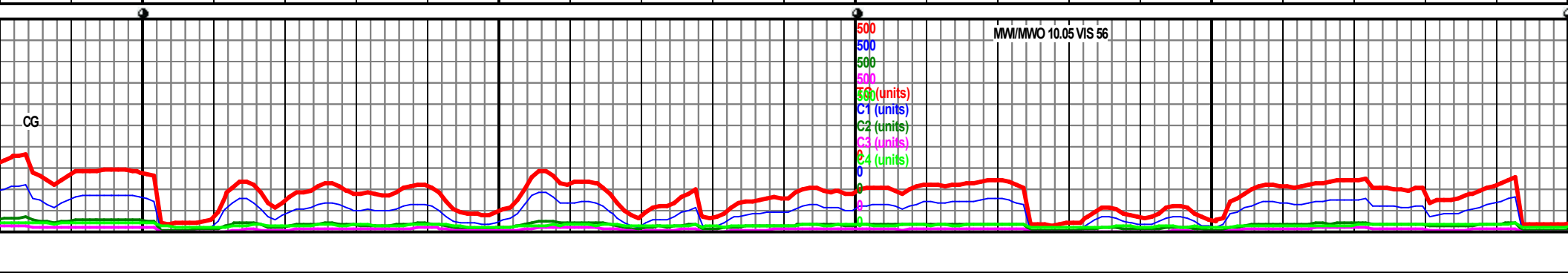
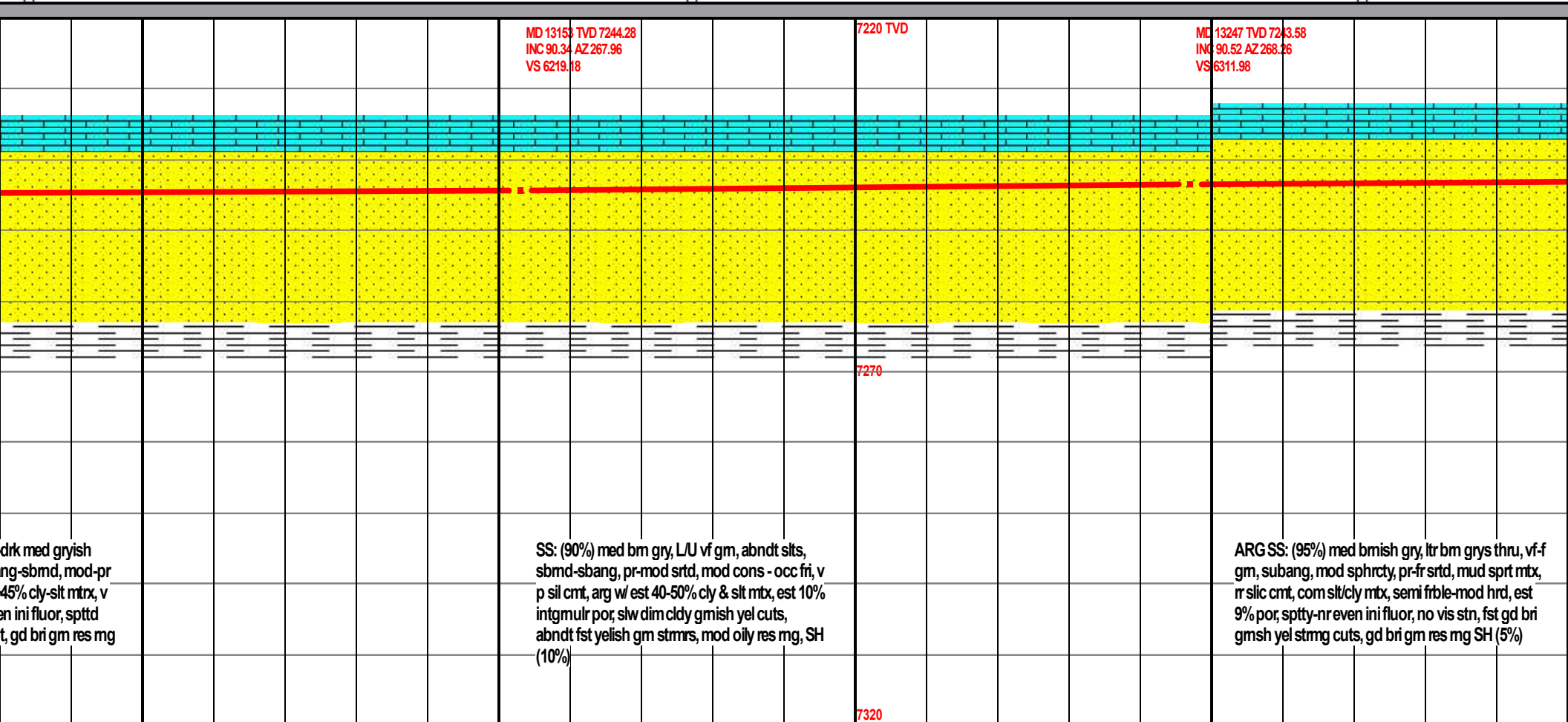
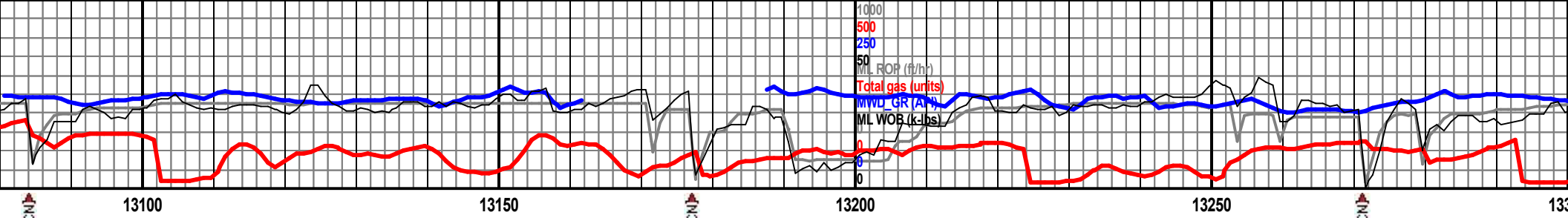


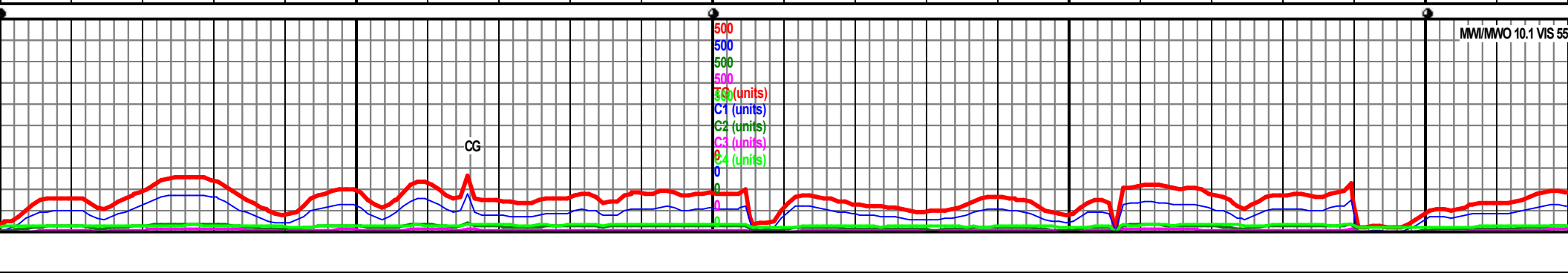
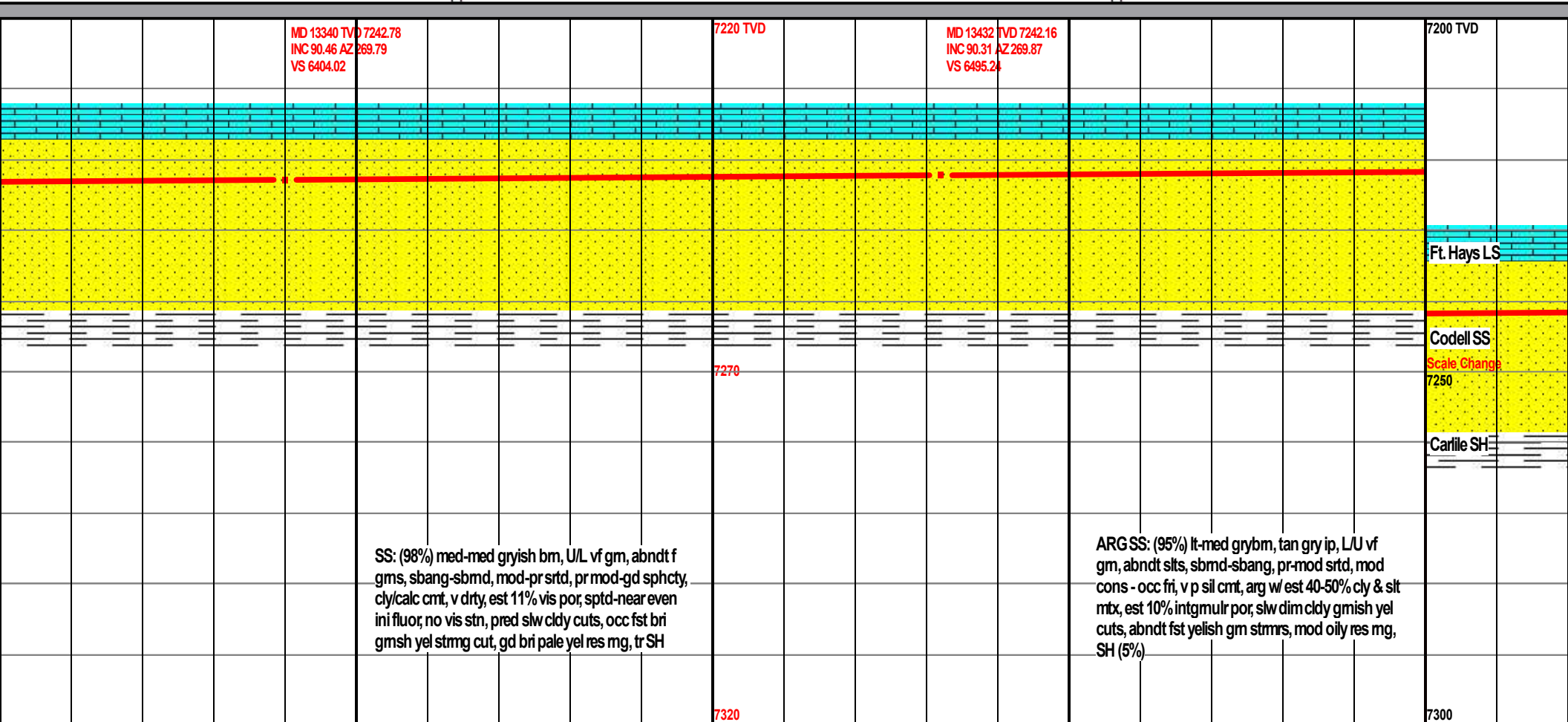
%) qrtz arent, med-drk med gryish bm, U/L
bndt f gms, sbang-sbmd, mod-pr srted,
n w fribl gms thru, ~45% cly-slt mtrx, v drty
is por, sptd-near even ini fluor, spttd stn,
ri gmsh yel stmg cut, gd bri gm res mg,

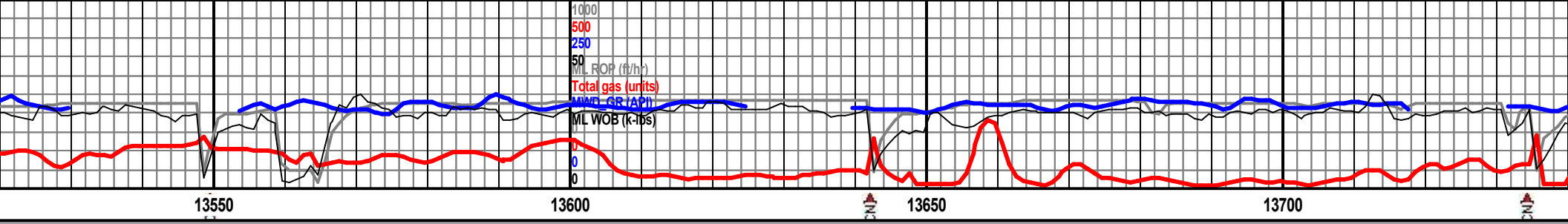
SS: (95%) qrtz arent, med-drk med gryish bm, U/L
vf gm, abndt f gms, sbang-sbmd, mod-pr srted,
pred con w fribl gms thru, ~45% cly-slt mtrx, v drty
est 9% vis por, sptd-near even ini fluor, spttd stn,
gd/fst bri gmsh yel stmg cut, gd bri gm res mg,
SH 5%

ARG SS: (100%) qrtz arent, med-
bm, U/L vf gm, abndt f gms, sba
srted, pred con w fribl gms thru, ~
drty est 9% vis por, sptd-near eve
stn, gd/fst bri gmsh yel stmg cu







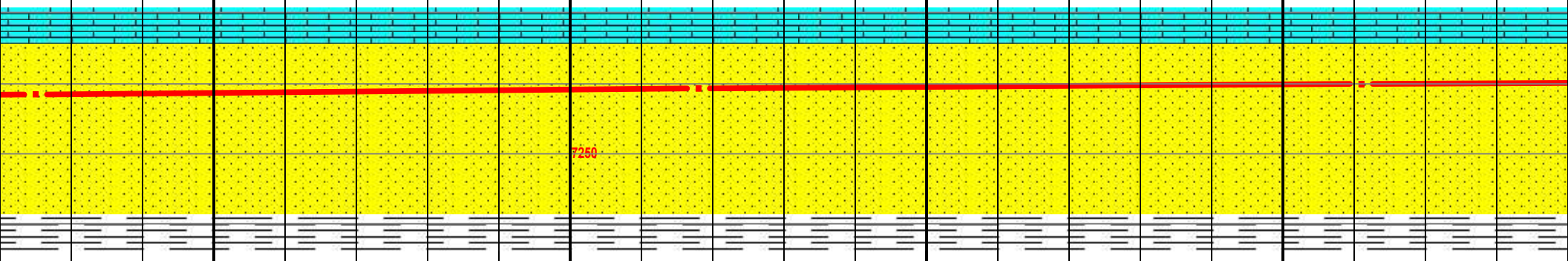


MD 13525 TVD 7241.56
INC 90.43 AZ 267.54
VS 6587.19

7200 TVD

MD 13618 TVD 7240.82
INC 90.49 AZ 268.9
VS 6678.76

MD 13711 TVD 7240.14
INC 90.34 AZ 267.38
VS 6770.31

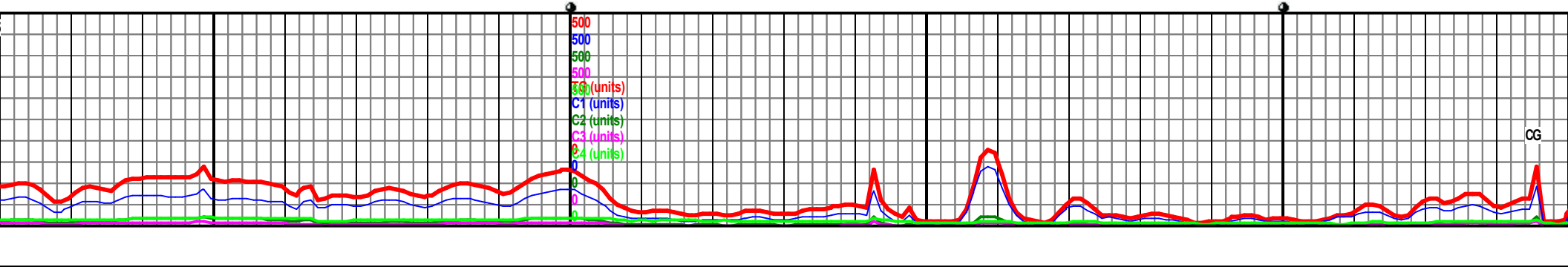


7250

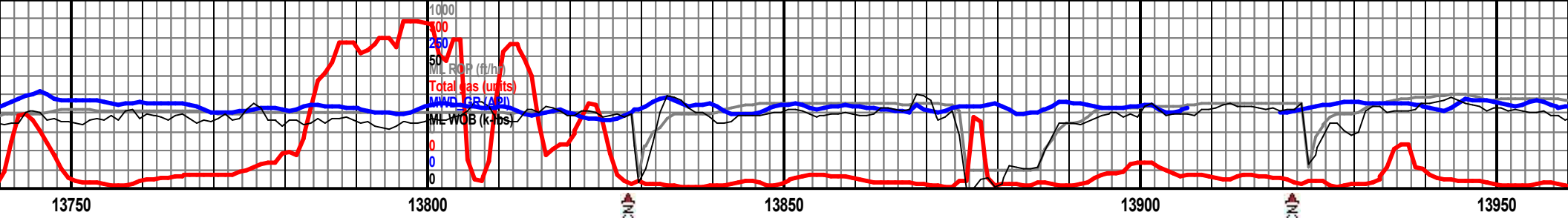
SS: (100%) med bmish gry, ltr bm grys thru, vf-f gm, subang, mod sphrcty, pr-fr srted, mud sprt mtz, rr silic cmt, com slt/cly mtz, semi frble-mod hrd, est 10% por, sptty-nreven ini fluor, no vis str, fst gd bri gmsh yel strmg cuts, gd bri gm res mg

SS: (95%) med-med gryish bm, U/L vf gm, abndt f gms, sbang-sbmd, mod-pr srted, pr mod-gd sphcty, cly/calc cmt, v drty, est 11% vis por, | sptd-near even ini fluor, no vis str, pred slw cldy cuts, occ fst bri gmsh yel strmg cut, gd bri pale yel res mg, tr SH (5%)

7300

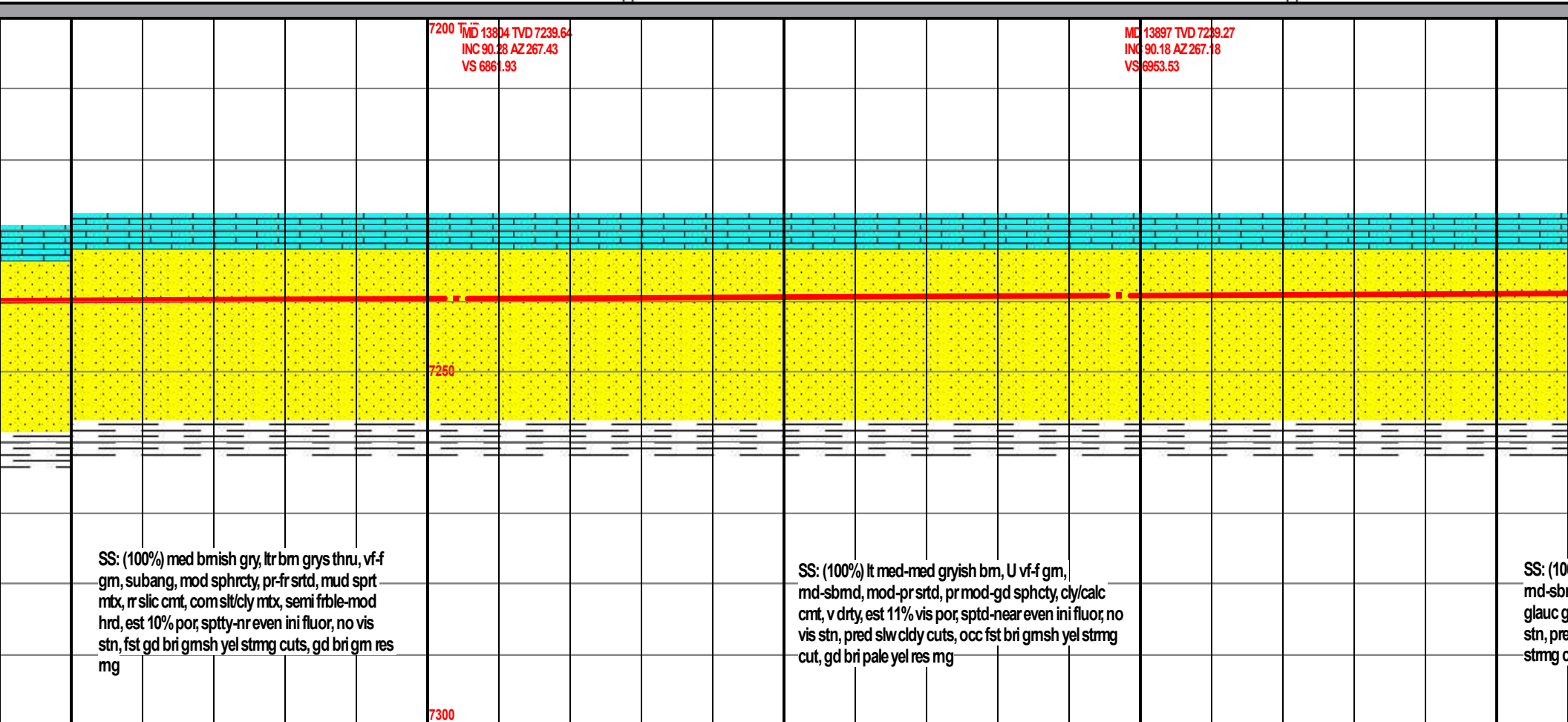


CG



MD 13804 TVD 7239.64
INC 90.28 AZ 267.43
VS 6861.93

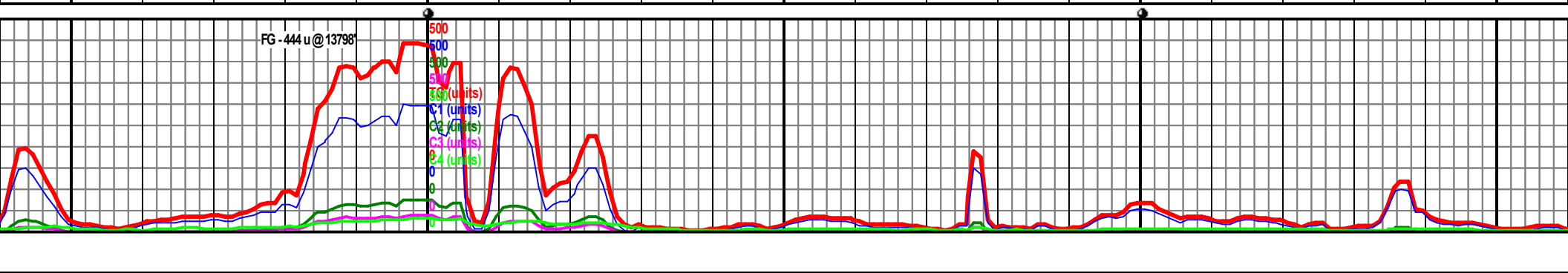
MD 13897 TVD 7239.27
INC 90.18 AZ 267.18
VS 6953.53

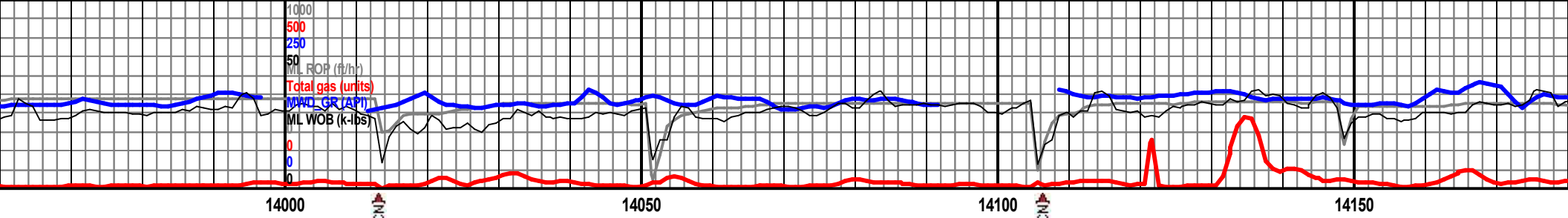


SS: (100%) med brnsh gry, ltr brn gry thru, vf-f gm, subang, mod sphrcty, pr-fr srted, mud sprt mtz, r slic cmt, com silt/clay mtz, semi friable-mod hrd, est 10% por, sppty-nr even ini fluor, no vis str, fst gd bri gmsh yel strmg cuts, gd bri gm res mg

SS: (100%) lt med-med gryish brn, U vf-f gm, md-sbmd, mod-pr srted, pr mod-gd sphrcty, clay/calc cmt, v drty, est 11% vis por, sptd-near even ini fluor, no vis str, pred slw cldy cuts, occ fst bri gmsh yel strmg cut, gd bri pale yel res mg

SS: (100%) md-sbmd, glauc g str, pre strmg c





MD 13989 TVD 7238.9
INC 90.28 AZ 268.3
VS 7044.26

MD 14081 TVD 7238.53
INC 90.18 AZ 269.02
VS 7135.22

MD 141...
INC 90.3...
VS 722...

Ft. Hays LS

Codell SS

7260

Carlile SH

0% lt med-med gryish bm, vf-f gm,
md, mod-pr srted, pr mod-gd sphcty, occ
gms, cly/calc cmt, sl rxn w/ HCL, no vis
stn, pred slw cldy cuts, occ fst bri gmsh blu
cut, gd bri pale gm res mg

SS: (100%) lt med-med gryish bm, vf-f gm,
md-sbmd, mod-pr srted, pr mod-gd sphcty, occ
glauc gms, cly/calc cmt, sl rxn w/ HCL, no vis
stn, pred slw cldy cuts, occ fst bri gmsh blu
strmg cut, gd bri pale gm res mg, tr SH

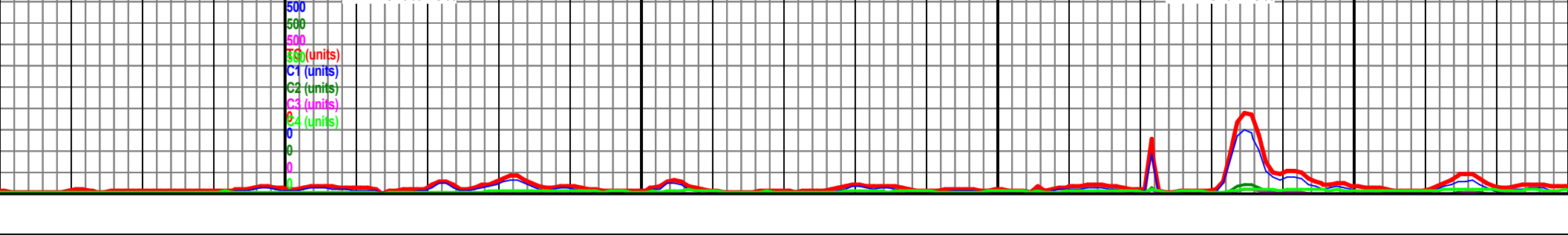
SS: (100%) lt med-med gryish
md-sbmd gms, mod-pr srted
sphcty, occ glauc gms, cly/c
HCL, no vis stn, pred slw cldy
bri gmsh blu strmg cut, gd b
mg

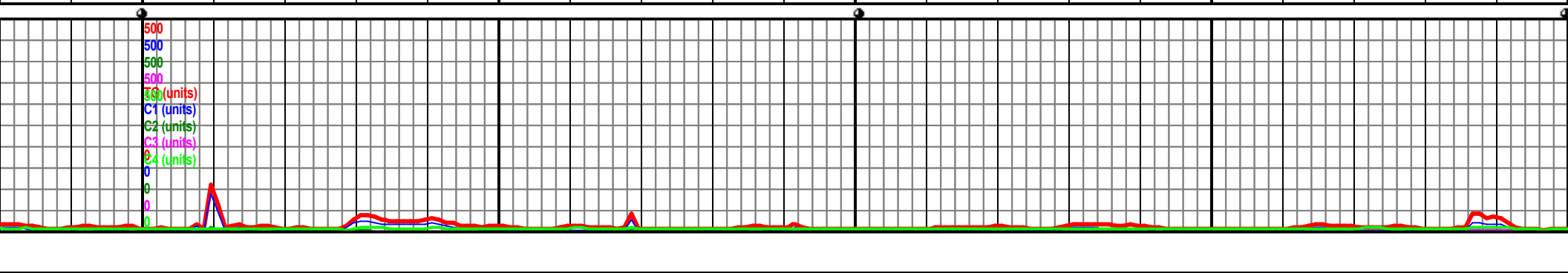
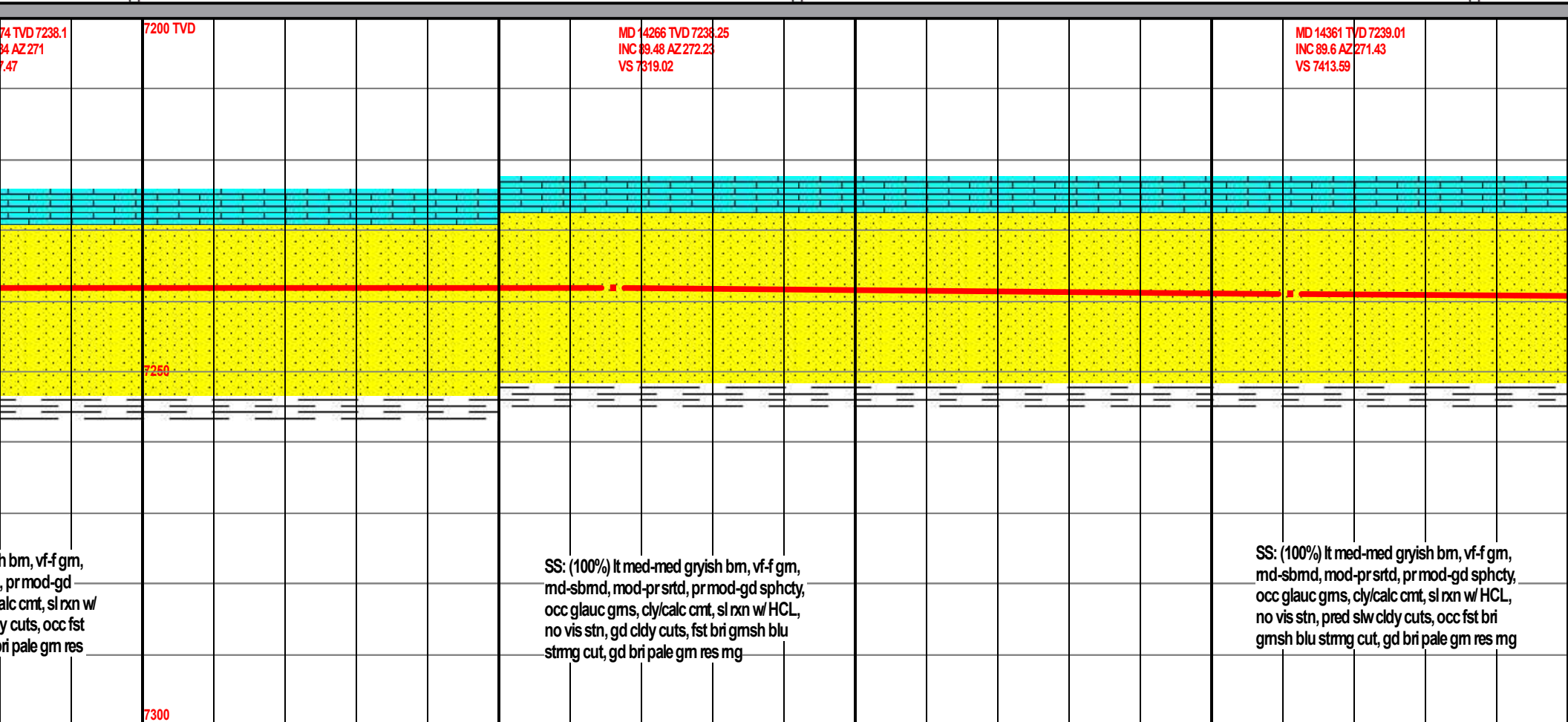
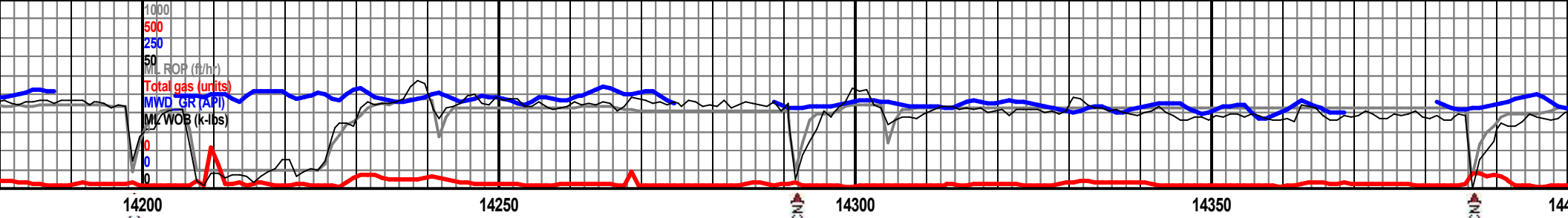
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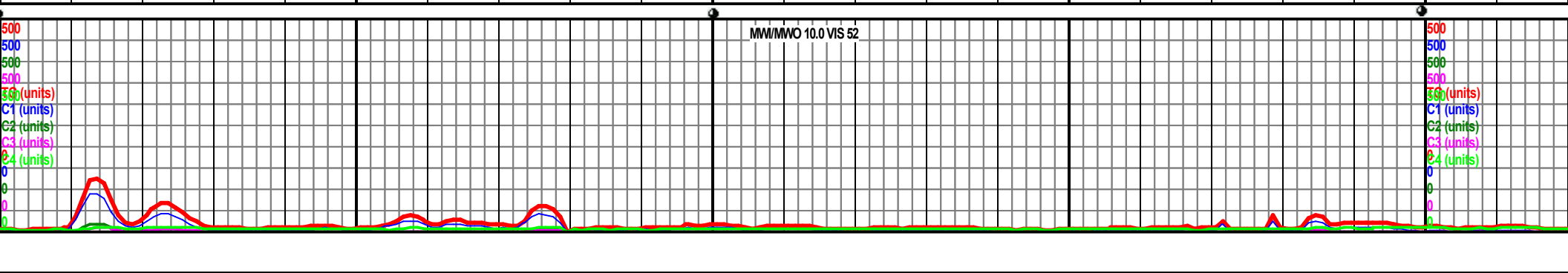
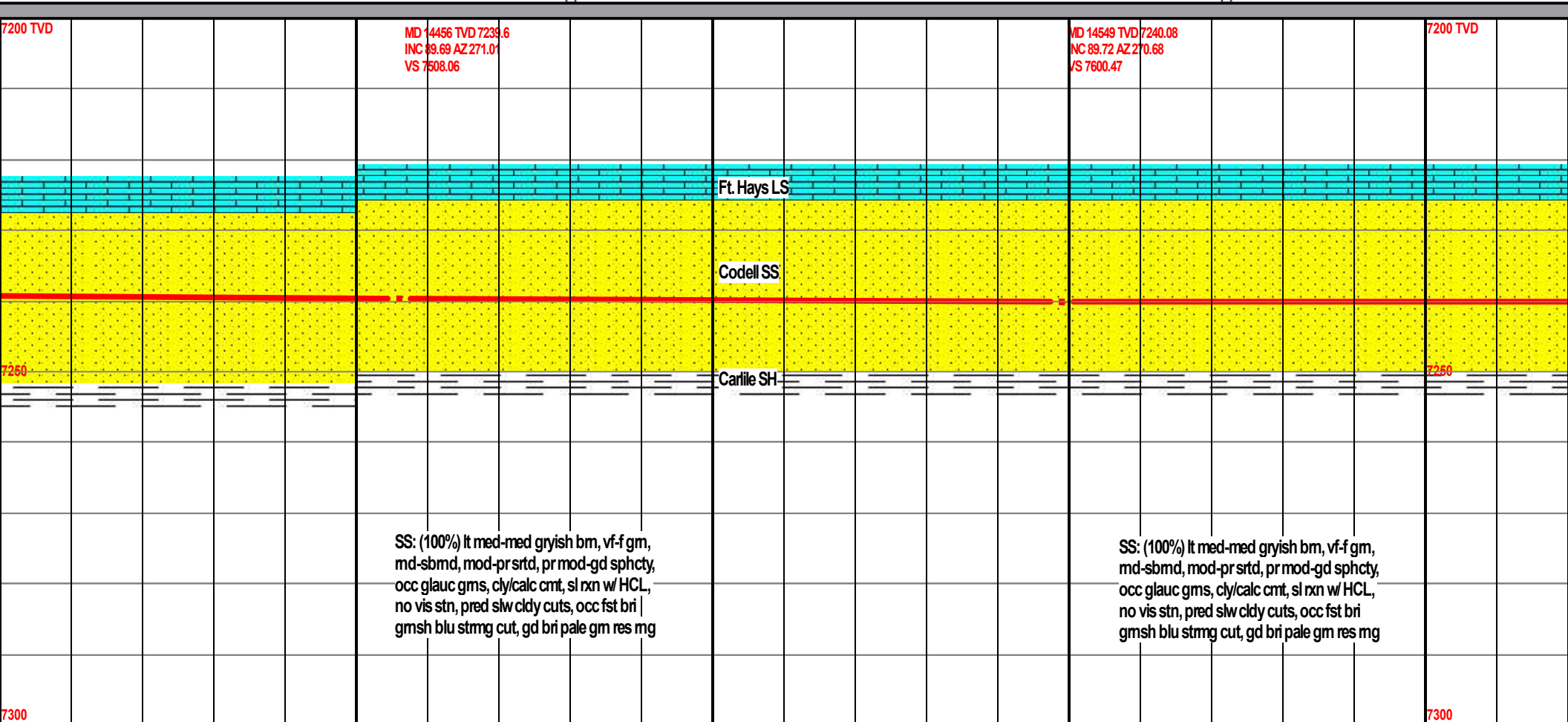
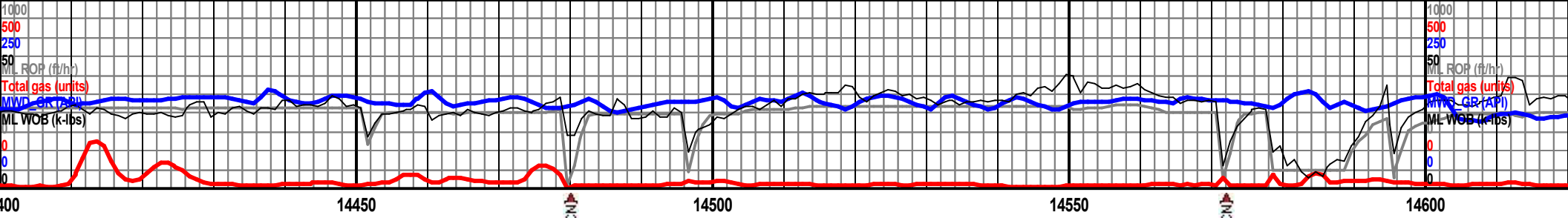
MW/MWO 10.05 VIS 56

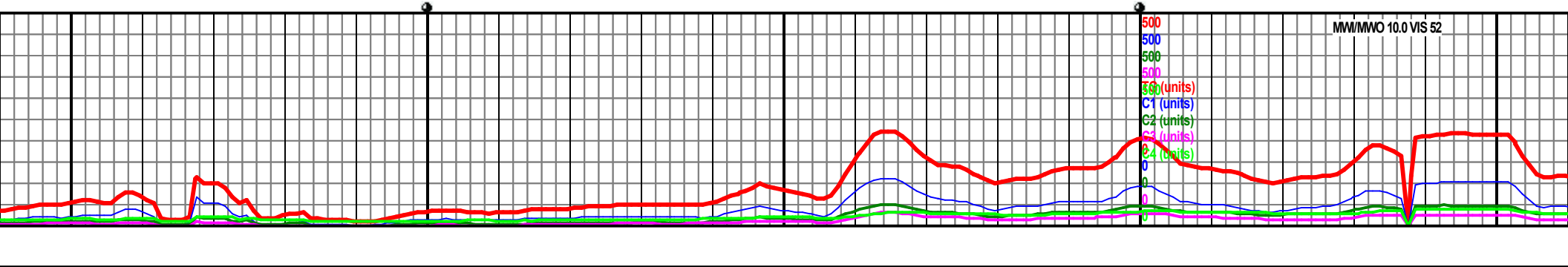
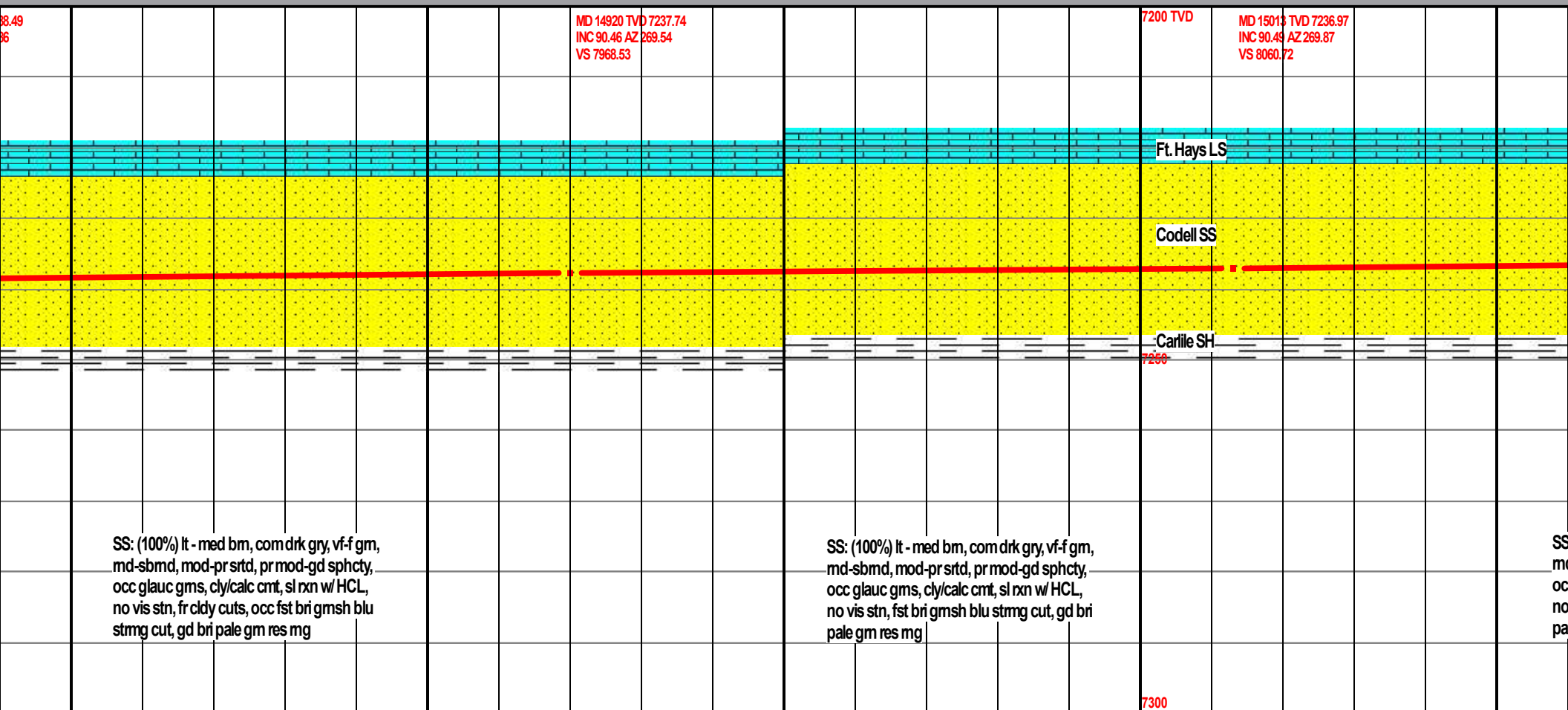
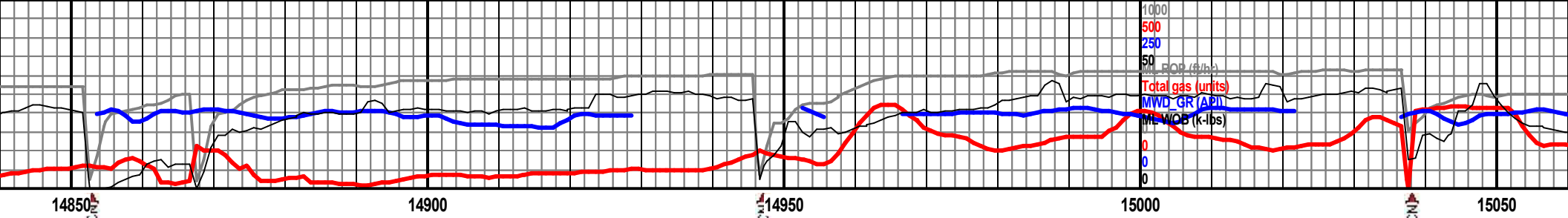
MW/MWO 10.1 VIS 53

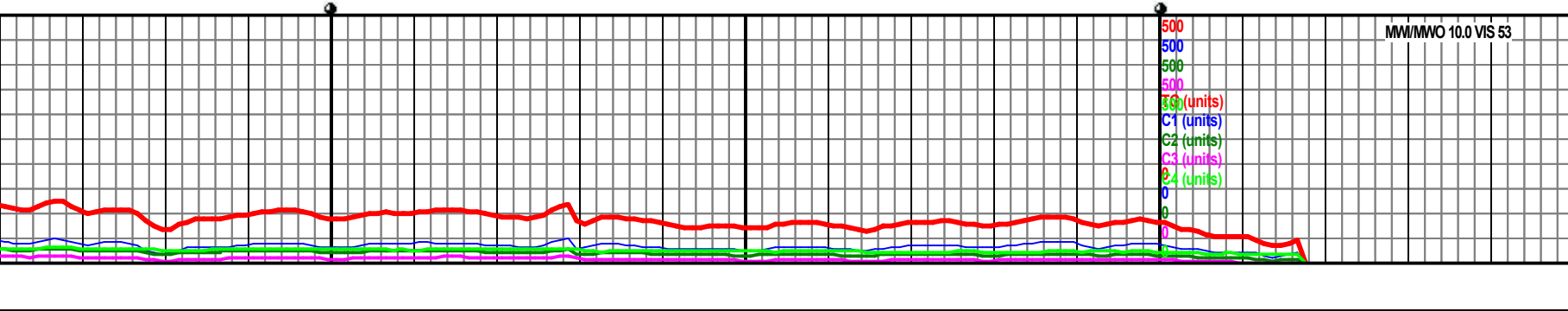
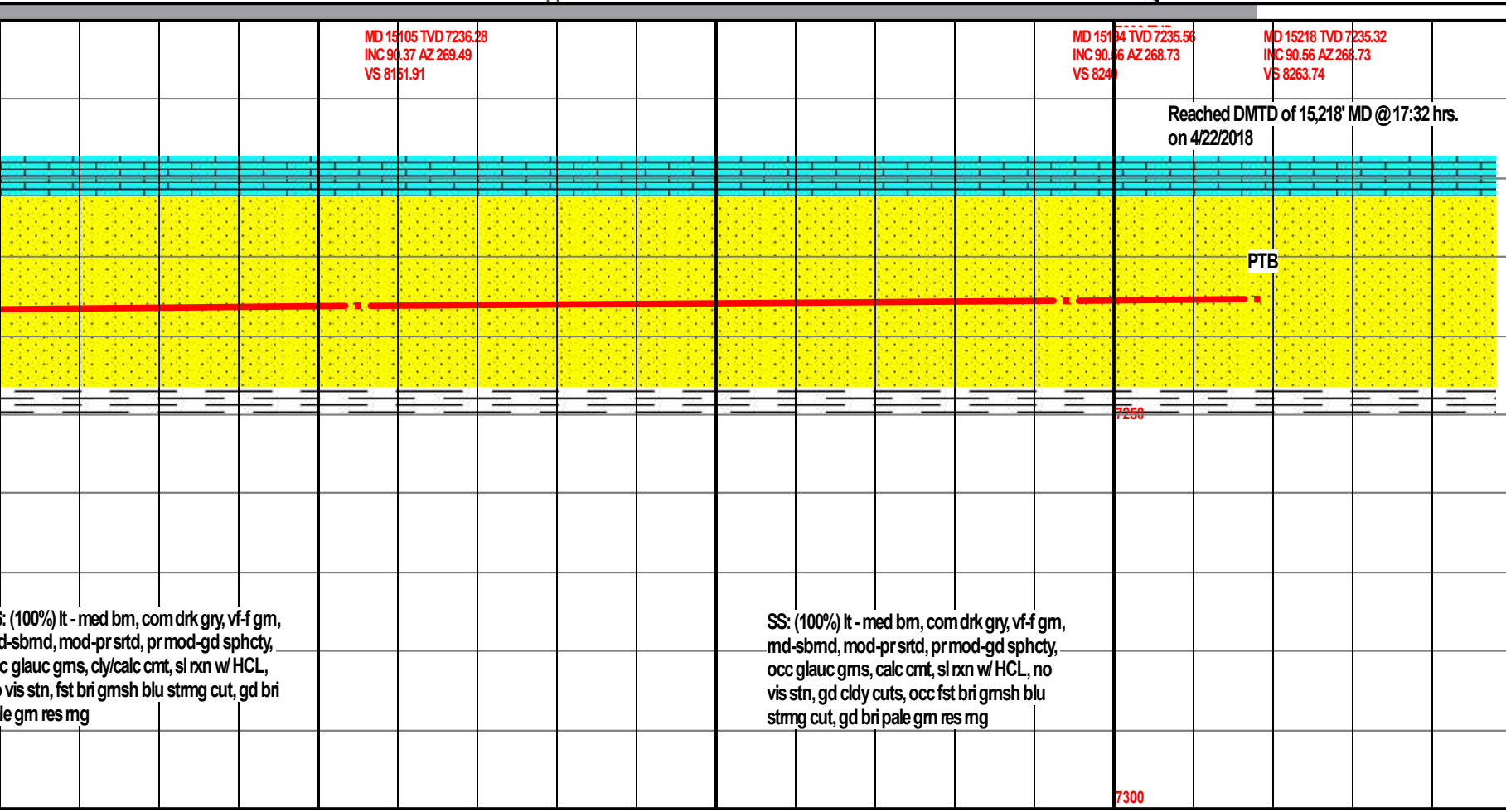
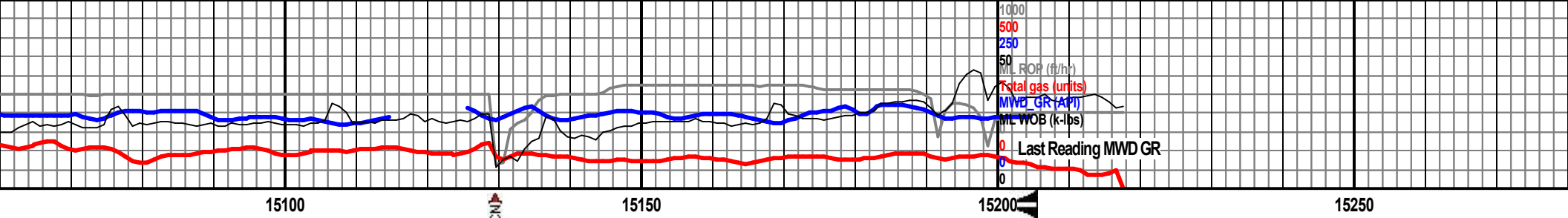
500
500
500
500
500 (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)











5 1/2" Production Casing Set at 15,218' MD	
Formation tops picked by Brian Spitzmiller & Larry Goolsby, GBA.	
	MD
Sharon Springs	7047'
"A" Chalk	7081'
"A" Chalk Base	7106'
"B" Upper Marl	7236'
"B" Chalk	7260'
"B" Marl	7297'
"C" Chalk	7353'
"C" Marl	7417'
K Marker	7465'
Ft. Hays	7574'
Codell	7669'
Target Heel	7765'
DMTD	15218'
THANK YOU FOR USING GOOLSBY BROTHERS & ASSOCIATES	
Brian Spitzmiller & Larry Goolsby	

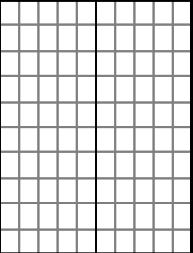
SS: (100%) lt - med bm, com drk gry, vf-f gm, md-sbmd, mod-pr srted, pr mod-gd sphcty, occ glauc gms, cly/calc cmt, sl rxn w/ HCL, no vis stn, gd cldy cuts, occ fst bri gmsh blu strmg cut, gd bri pale gm res mg

SS: (100%) lt - med bm, com drk gry, vf-f gm, md-sbmd, mod-pr srted, pr mod-gd sphcty, occ glauc gms, calc cmt, sl rxn w/ HCL, no vis stn, gd cldy cuts, occ fst bri gmsh blu strmg cut, gd bri pale gm res mg

Reached DMTD of 15,218' MD @ 17:32 hrs. on 4/22/2018

PTB

MWD/MWO 10.0 VIS 53



5,205' MD	
ian Spitzmiller and	
VD	SSD
6928'	-2106'
6960'	-2138'
6978'	-2156'
7074'	-2252'
7092'	-2270'
7118'	-2296'
7150'	-2328'
7182'	-2360'
7204'	-2382'
7238'	-2416'
7260'	-2438'
7270'	-2448'
7235'	-2413'
sby	

