

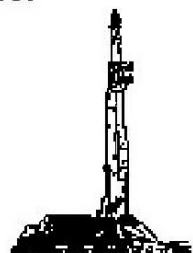
GOOLSBY BROTHERS
and associates, inc.

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: HOOD 25C-22-M

API: 051234437200

Location: SE/SE Section 20 T6N R66W Weld County, CO.

License Number:

Spud Date: May 24, 2017

Surface Coordinates: 745 FSL 1122 FEL Sec. 20 T6N R66W

Lat/Long: 40.468411/-104.796423

Bottom Hole Coordinates: Planned: 2278 FSL 2611 FWL Sec: 22 T6N R66W

Projected: 2282 FSL 2619 FWL Sec: 22 T6N R66W

Ground Elevation (ft): 4,734'

Logged Interval (ft): 6800'

To: 15,615'

K.B. Elevation (ft): 4,759'

Total Depth (ft): 15,615' DMTD

Formation: Codell Sandstone

Type of Drilling Fluid: OBM (LSND Surface).

Region: Wattenberg

Drilling Completed: May 27, 2017

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: Dallan Gardner & Blake Stacey

Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)

Address: 575 Union Blvd. Suite 208,

Lakewood CO. 80228

Tel 303-618-7736

E-logs

MWD GR from S.C. to 15,601' MD

Casing

9 5/8" Surface Casing pre set @ 1,756' MD.

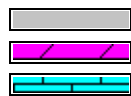
Comments

- 1) Drilling Contractor: Precision Drilling, Rig #562
Pumps 1&2: Rostell F-1600 5" x 12" (.0692 Bbls./stroke)
Toolpusher: Michael Ellingsworth, James Gardner.
- 2) Company Man: Kent Priddy
Kevin Brakovec
Tim Jones
- 3) Mud Comapny : Reliable Drilling Fluids
Engineer: Wally Yates, Scott Allen
- 4) Directional Drilling: Baker Hughes
Drillers: Aaron Herskind, Jeremiah Samson
MWD: Carlos Lopez, Matthew, Leopold Baker Remote Field Operations.
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
- 6) Wellsite Geologist: Dallan Gardner, & Blake Stacey

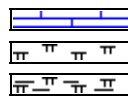
ROCK TYPES



Bent
Cht
Cyst



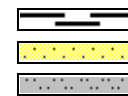
Oil sat.
Dol
Lmst



Chalk
Mrlst
Mrlst_sh (intbdd)



Shale
Shgy
Slty sh



Carb sh
Ss
Slstst

ACCESSORIES

MINERAL

Anhy
 Arggrn
 Arg
 Bent
 Bit
 Brecfrag
 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
 Arg
 Bent
 Dol
 Ls
 Mrst
 Sltstrg
 Ssstrg

TEXTURE

Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

OTHER SYMBOLS

OIL SHOWS

Even
 Spotted
 Ques
 Dead
 Vspotty

near even

POROSITY TYPE

Earthy
 Fenest
 Fracture

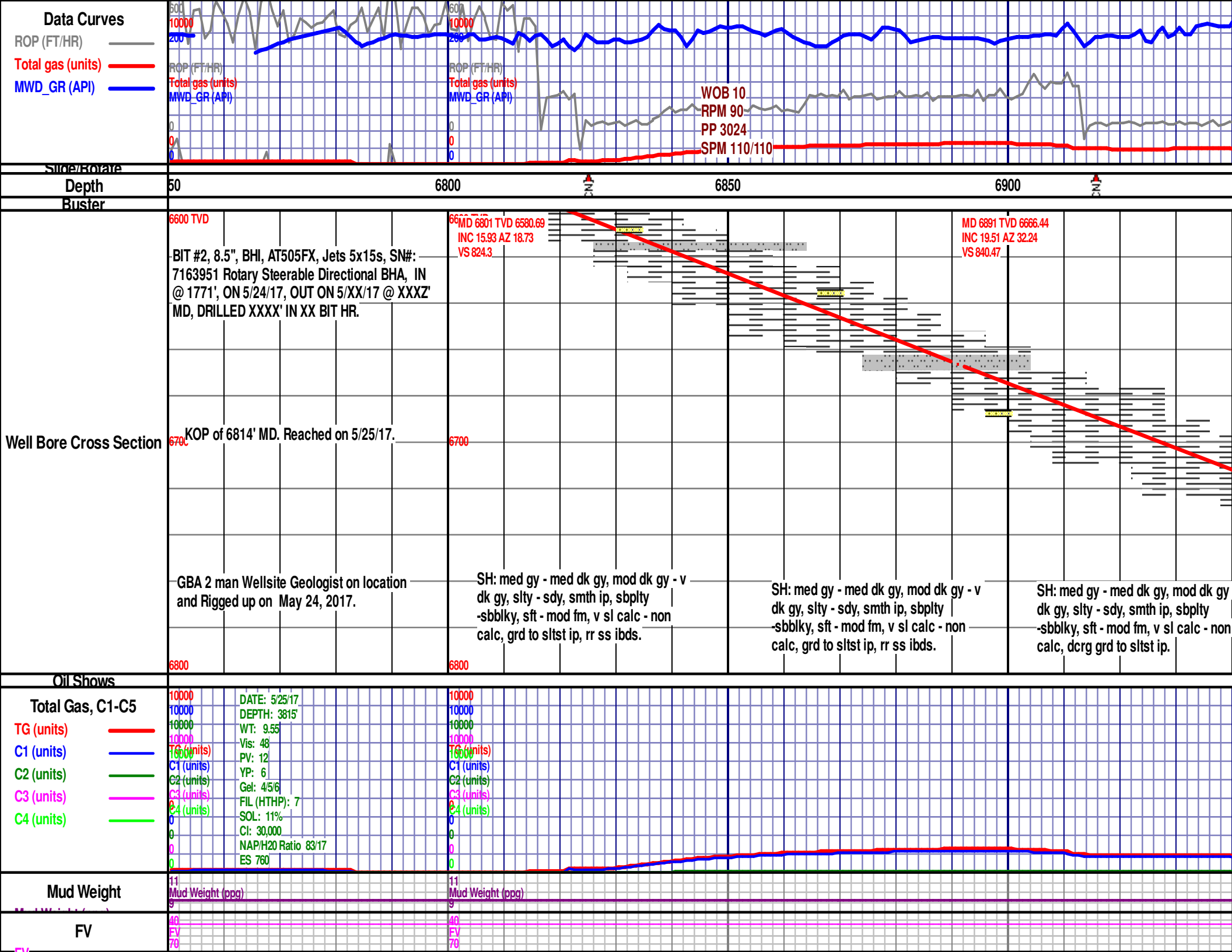
Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

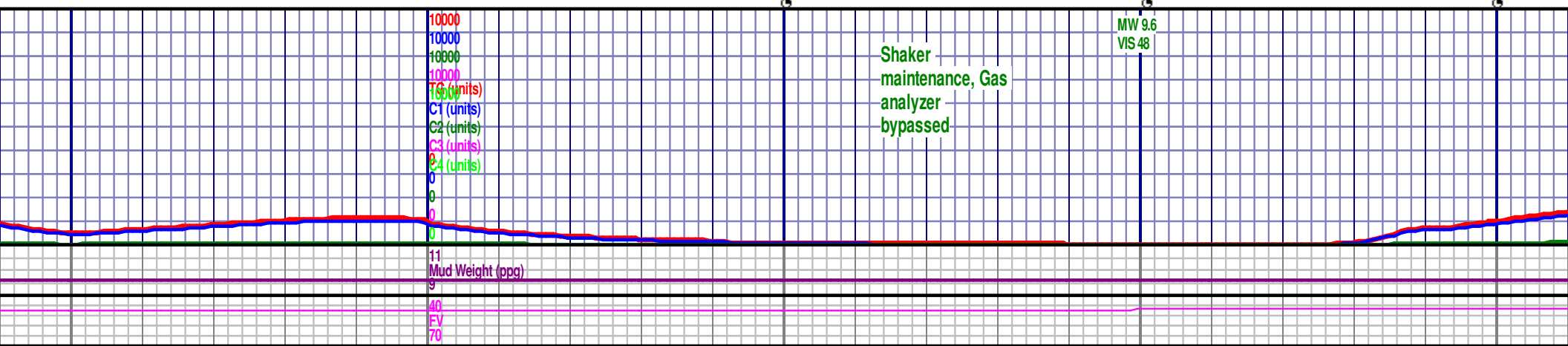
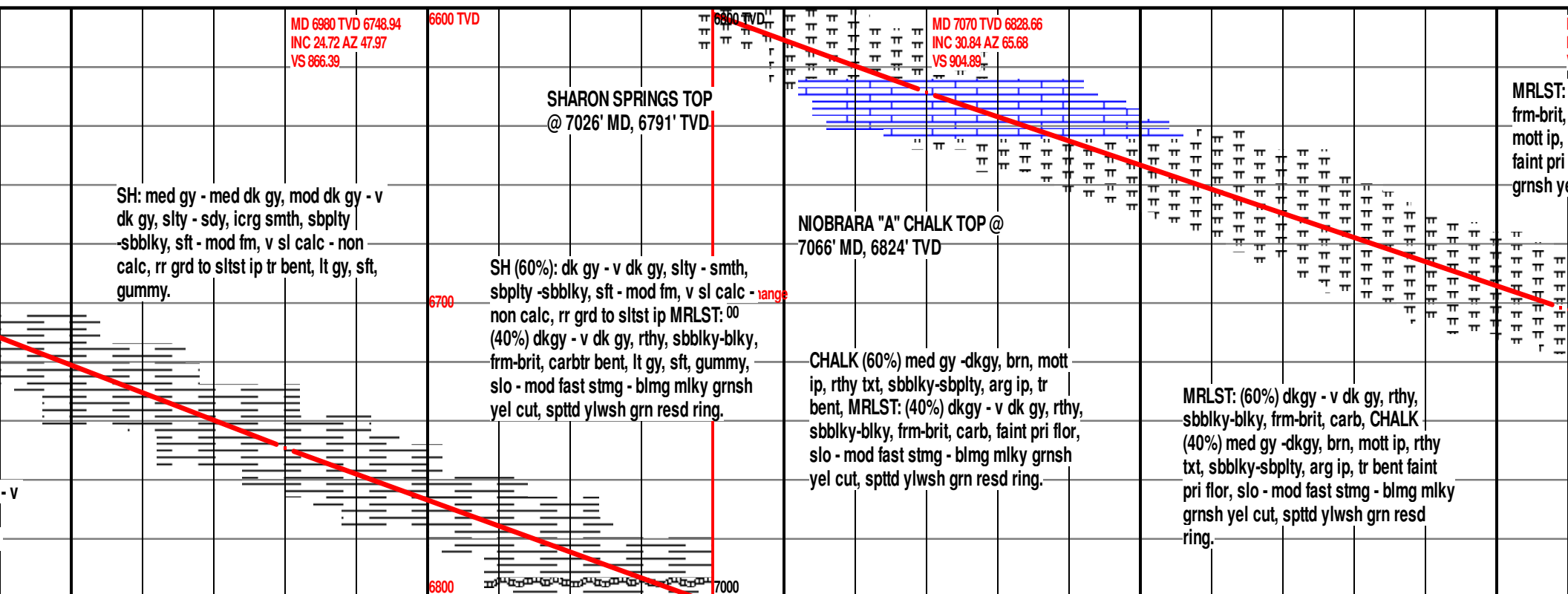
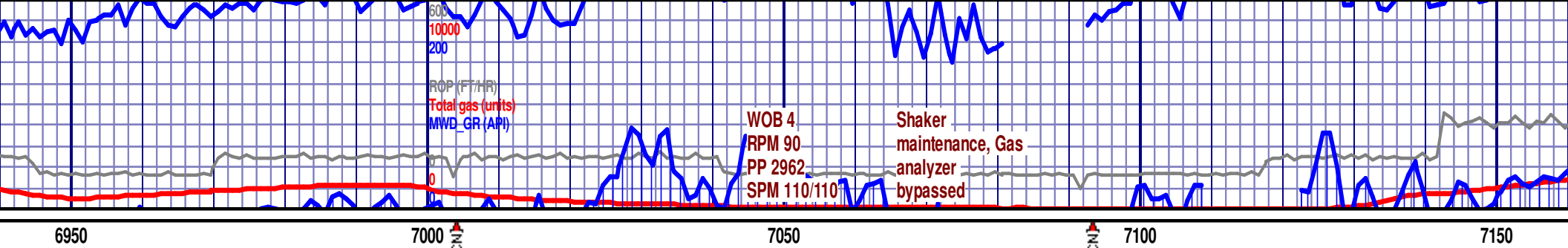
ROUNDING

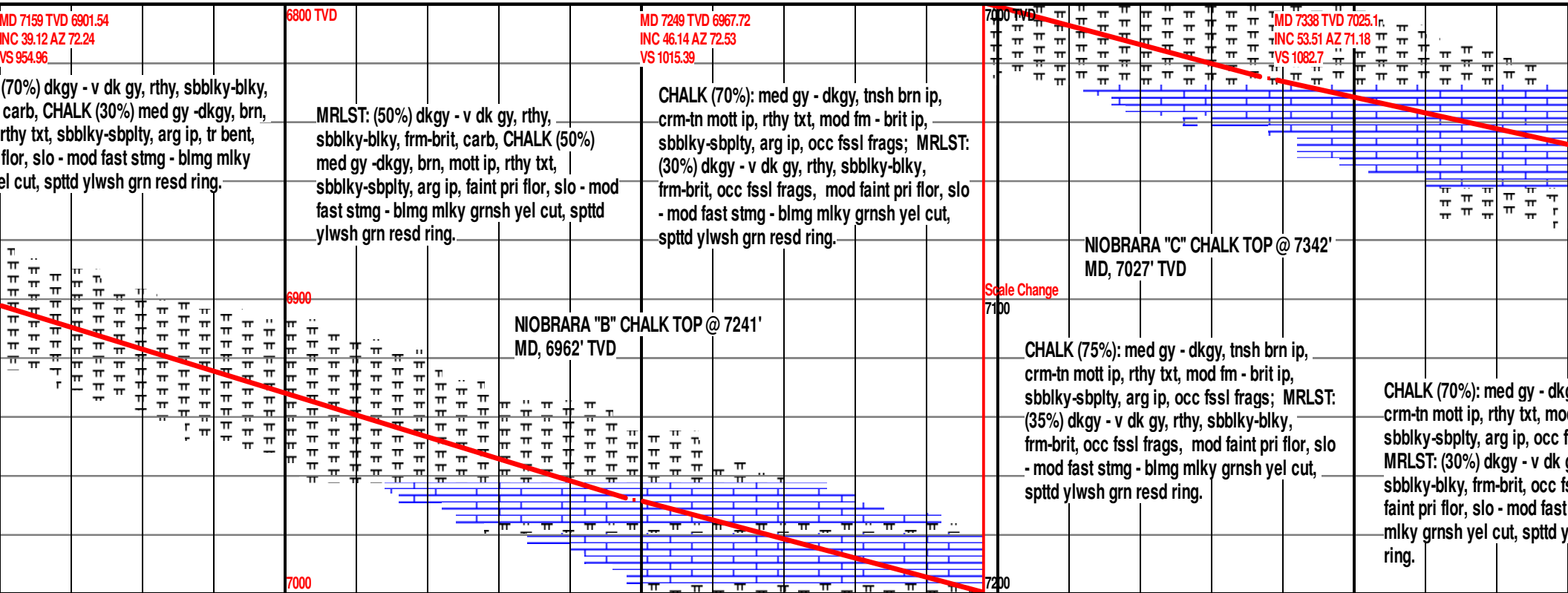
Rounded
 Subrnd
 Subang
 Angular

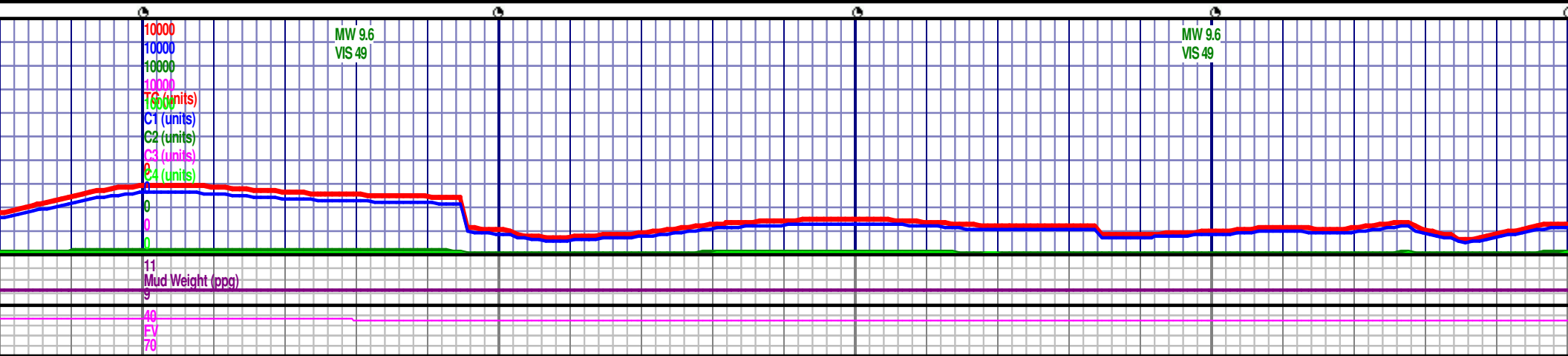
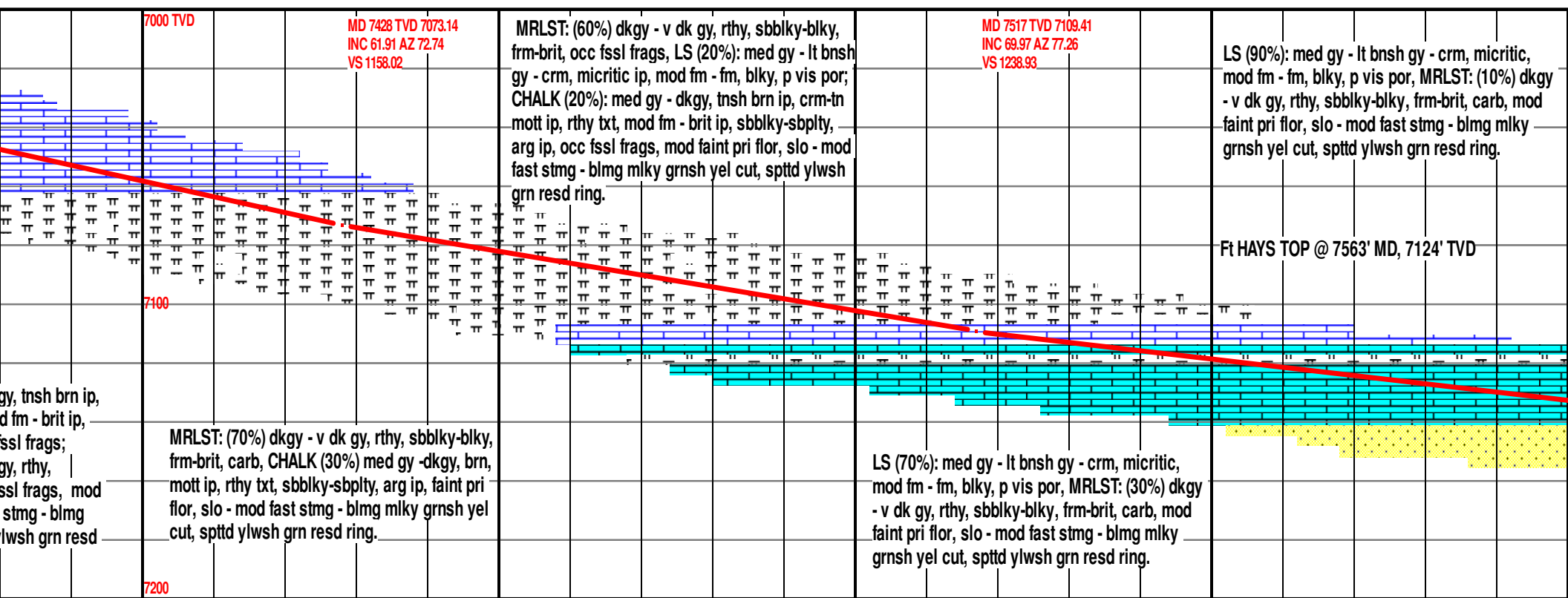
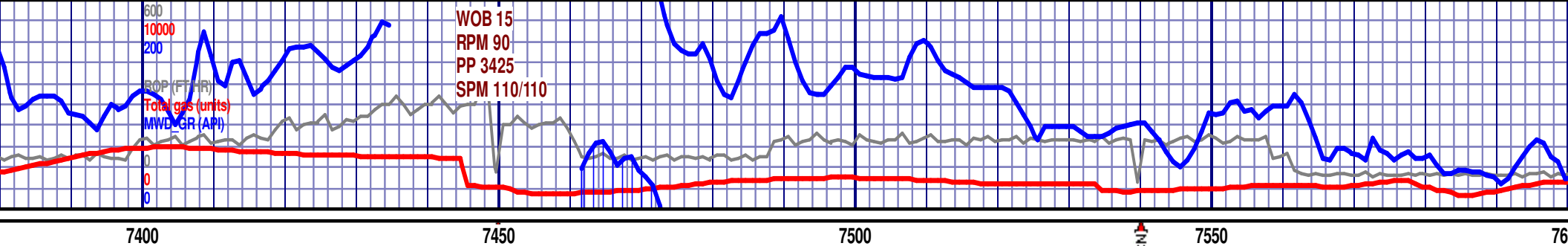
SORTING

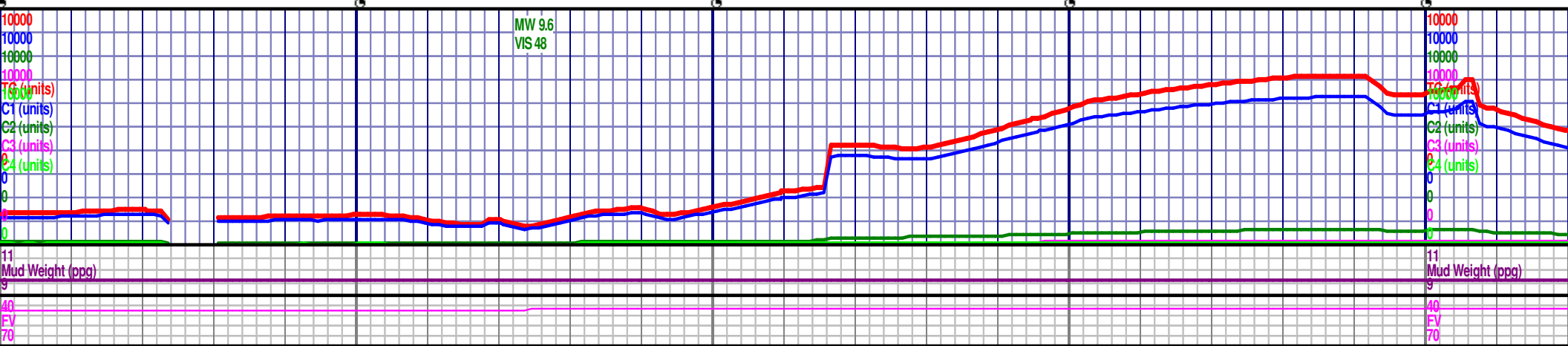
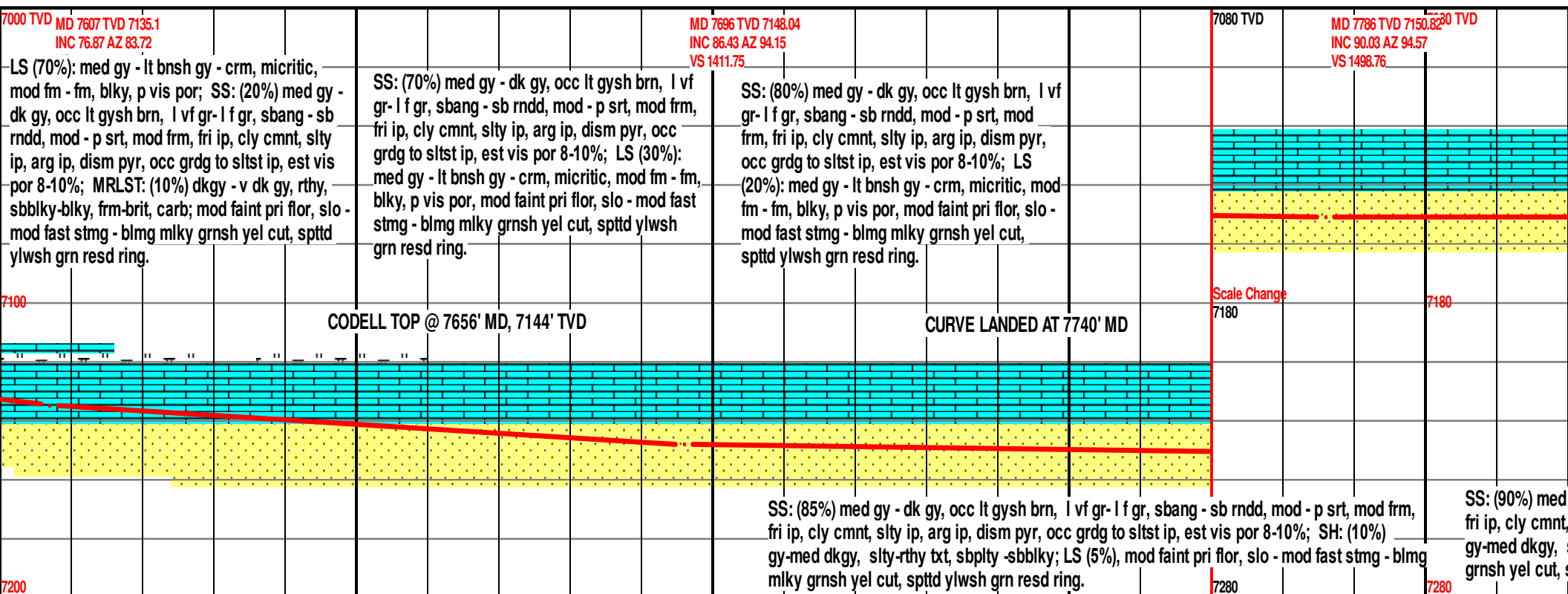
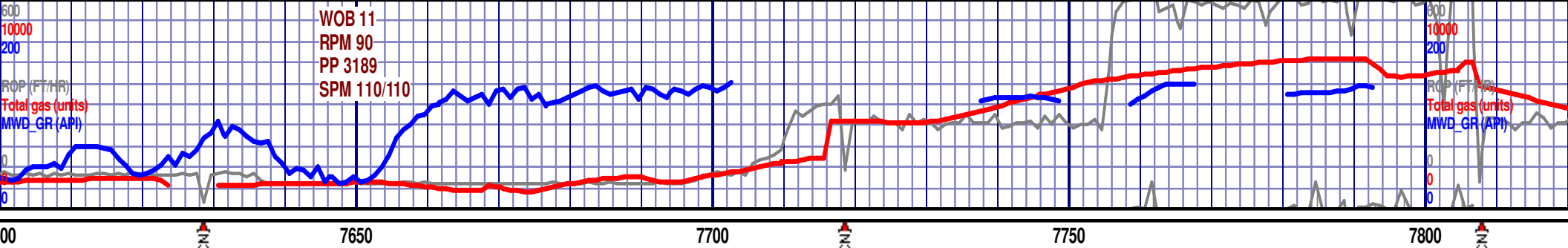
Well
 Moderate
 Poor

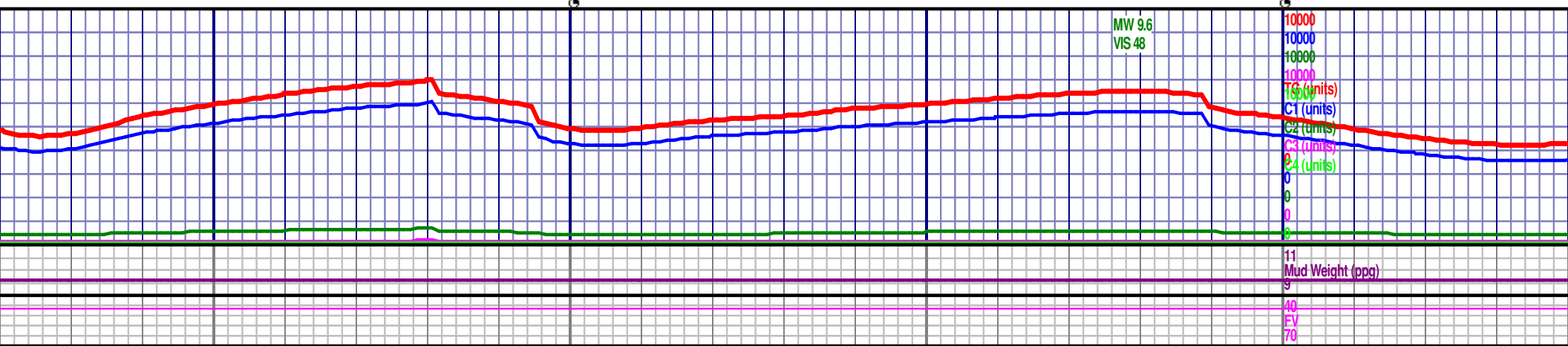
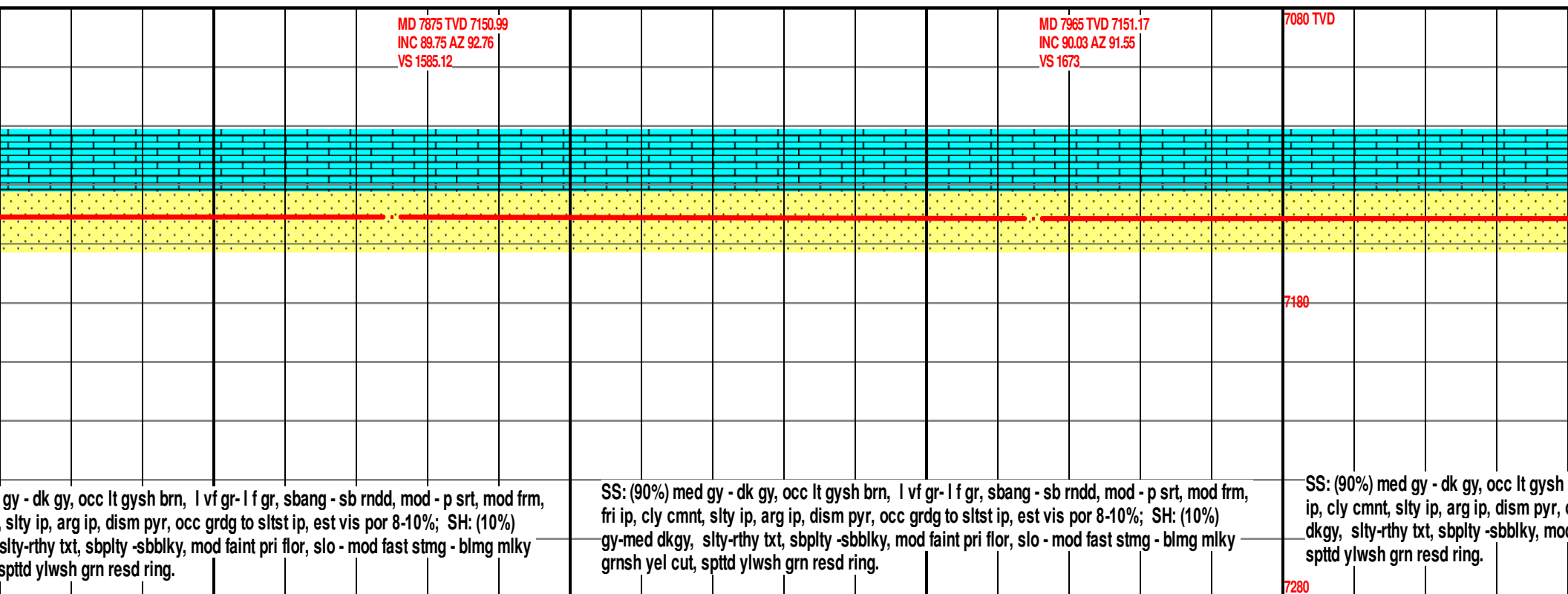
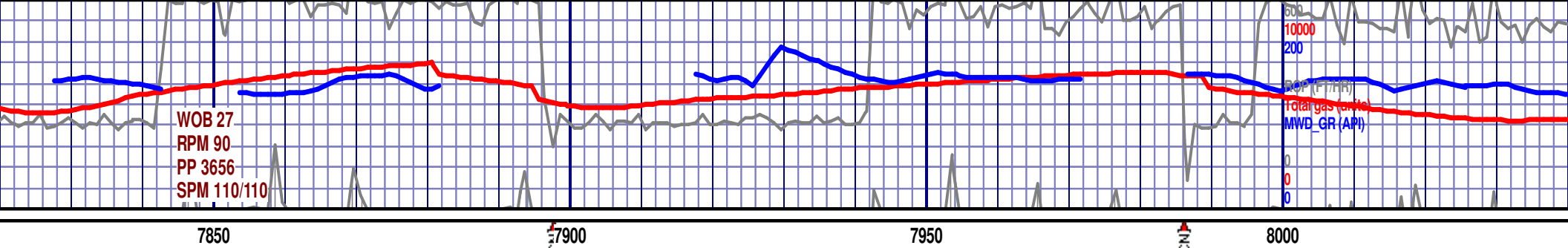


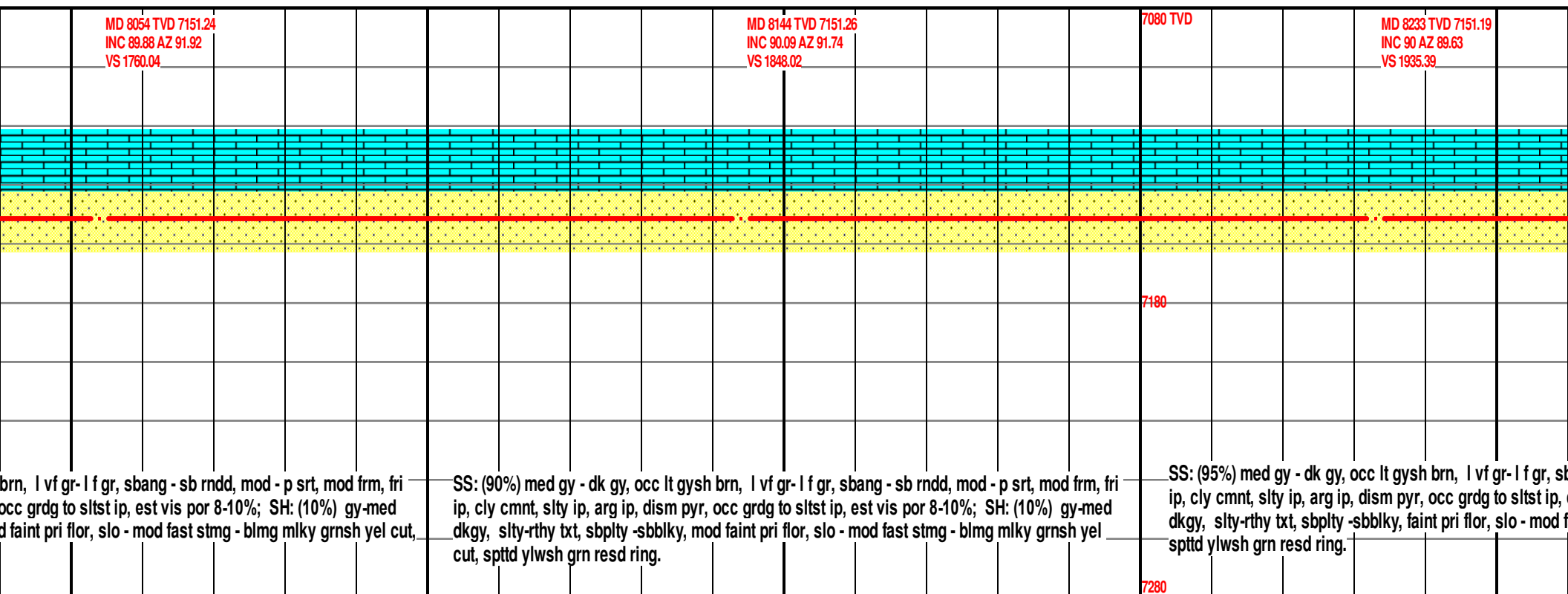


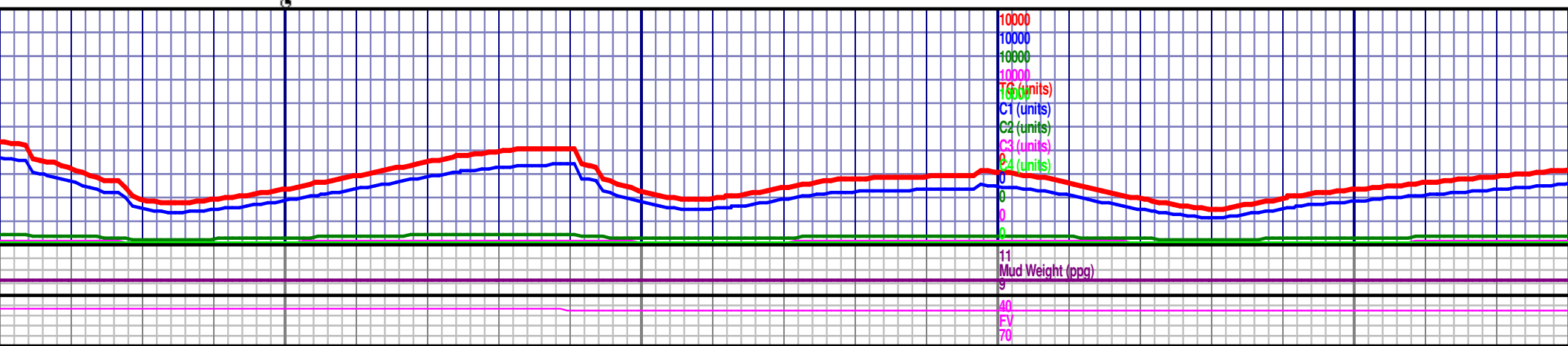
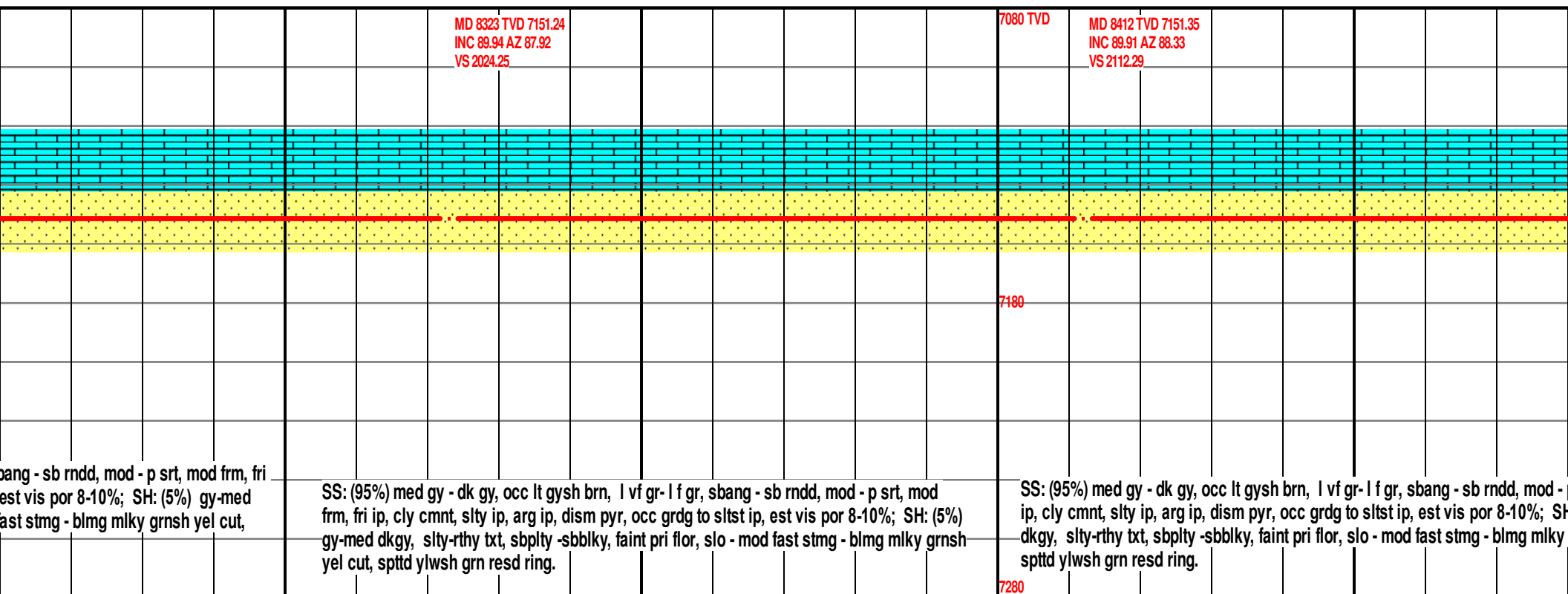
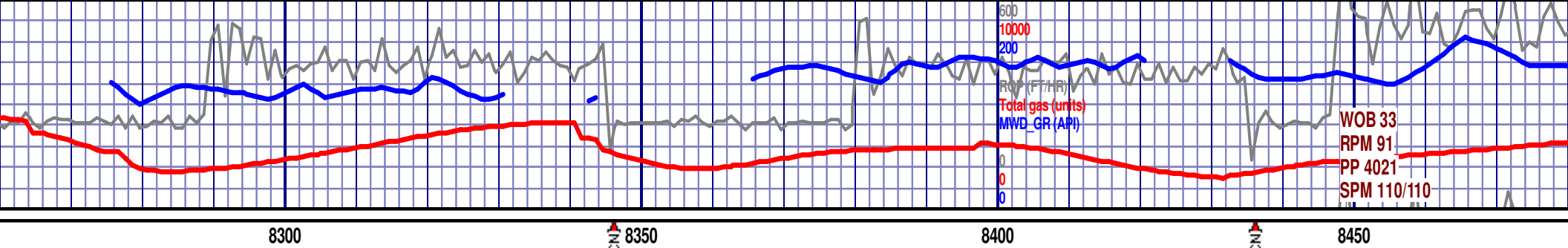


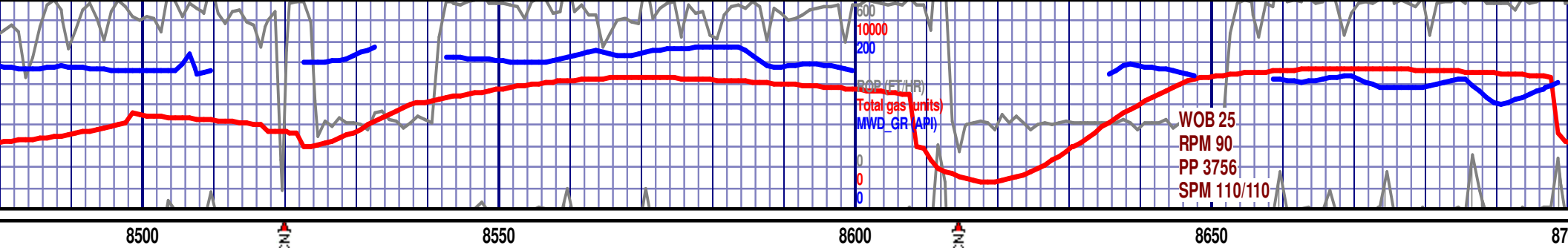




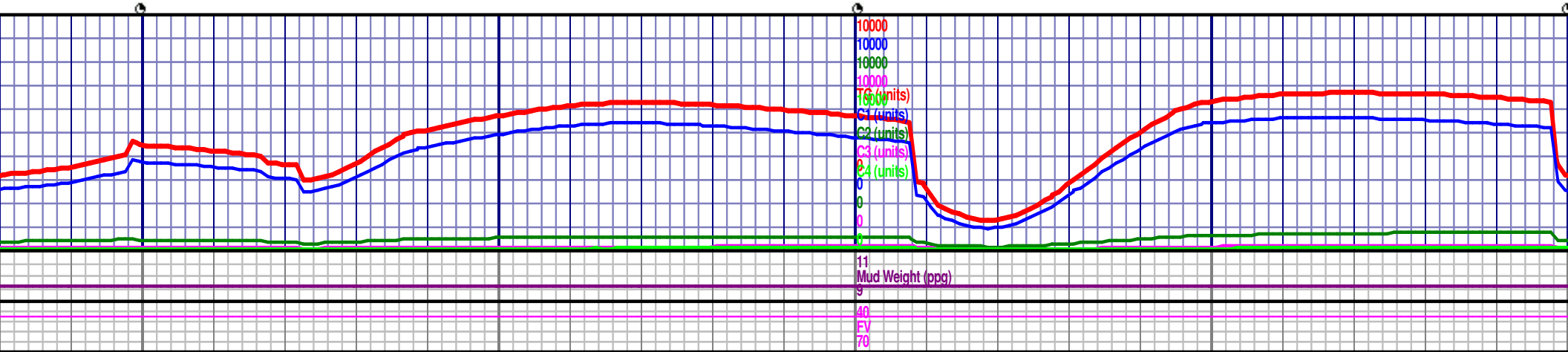


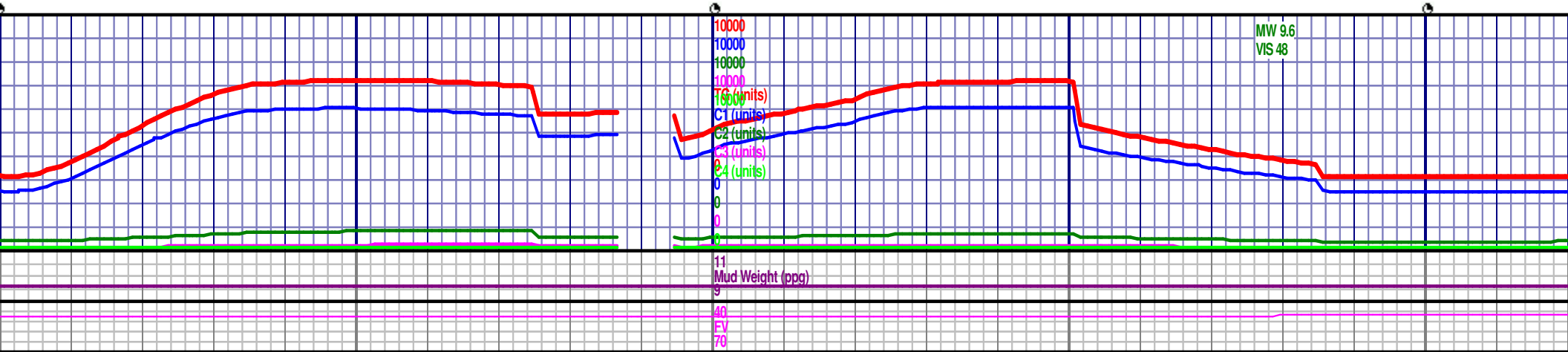
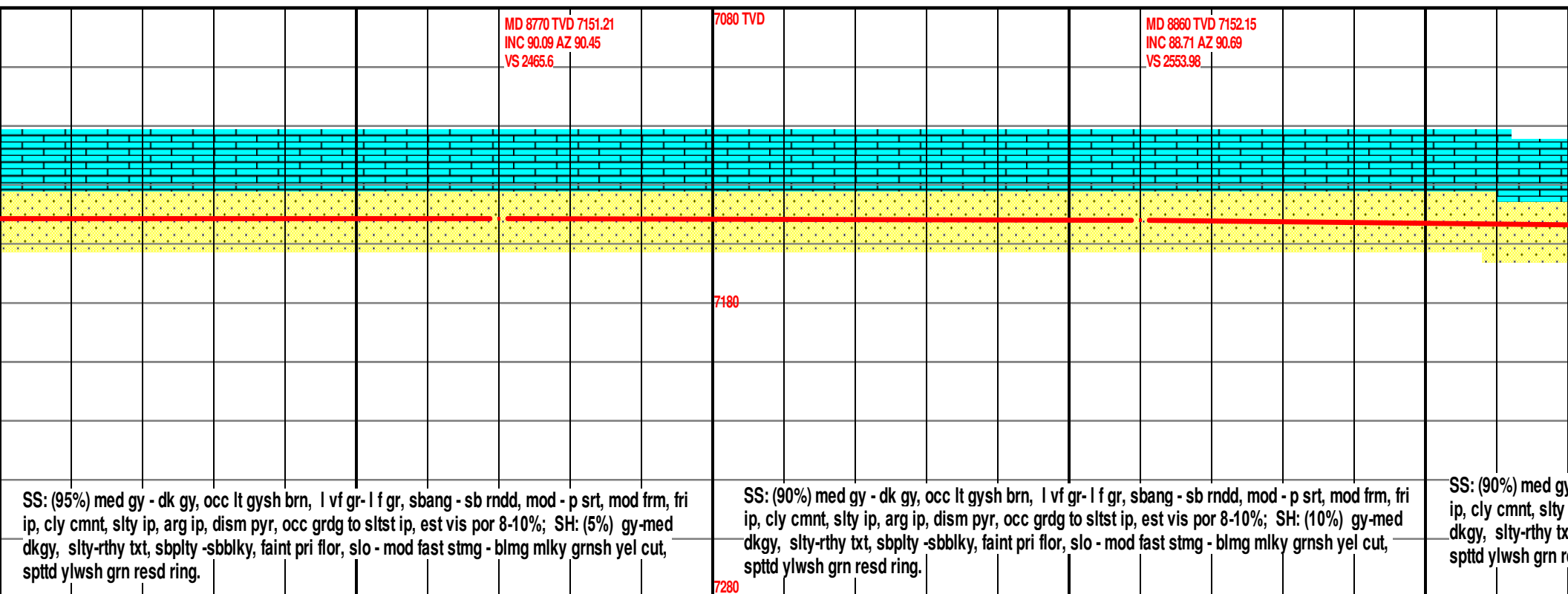
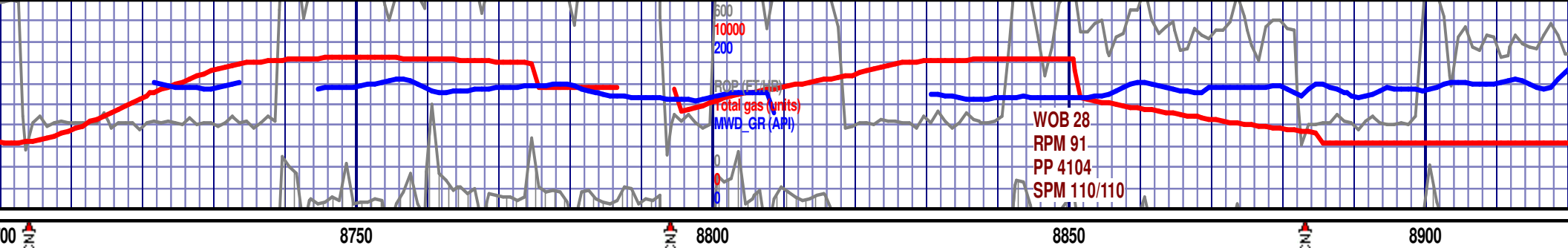


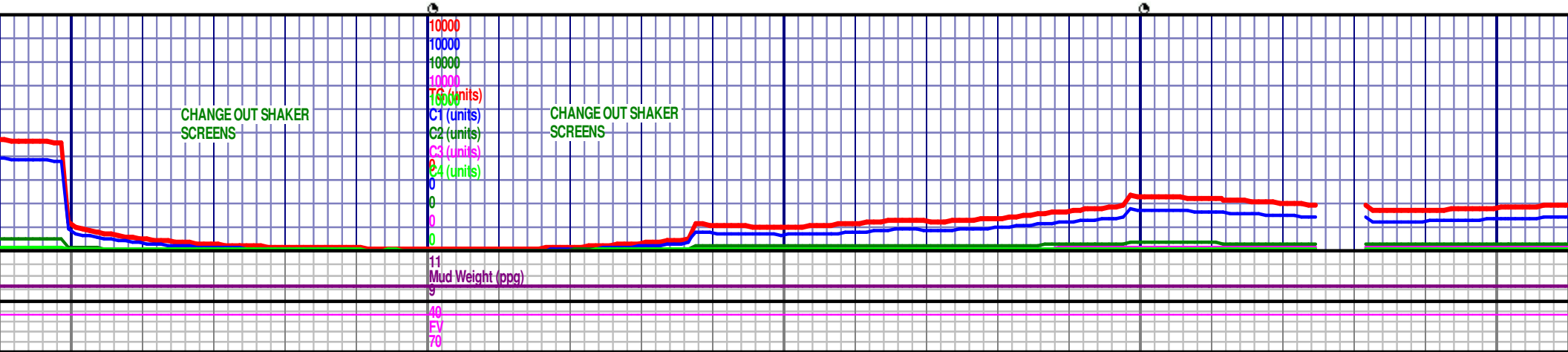
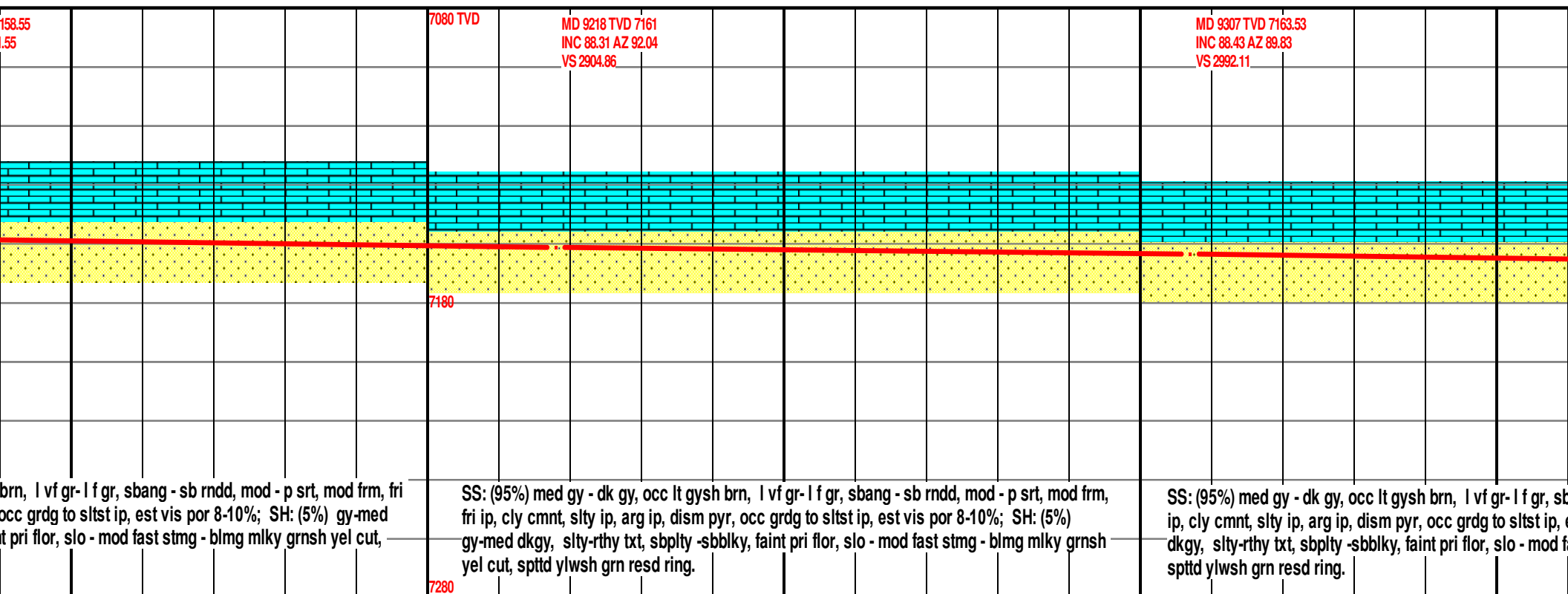
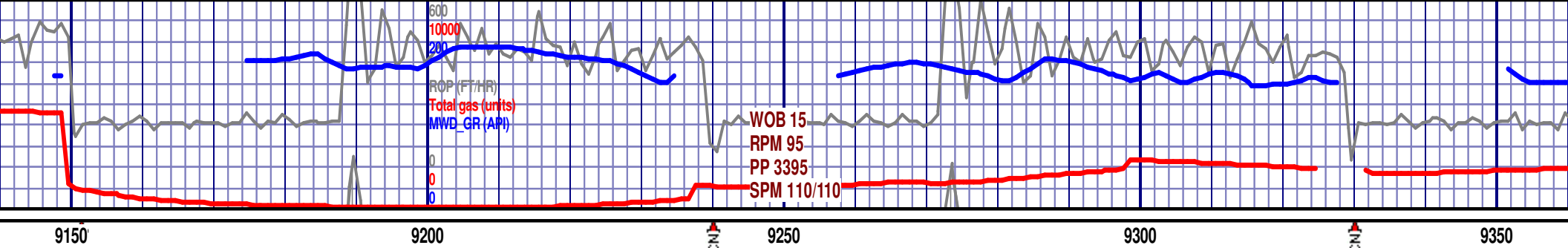


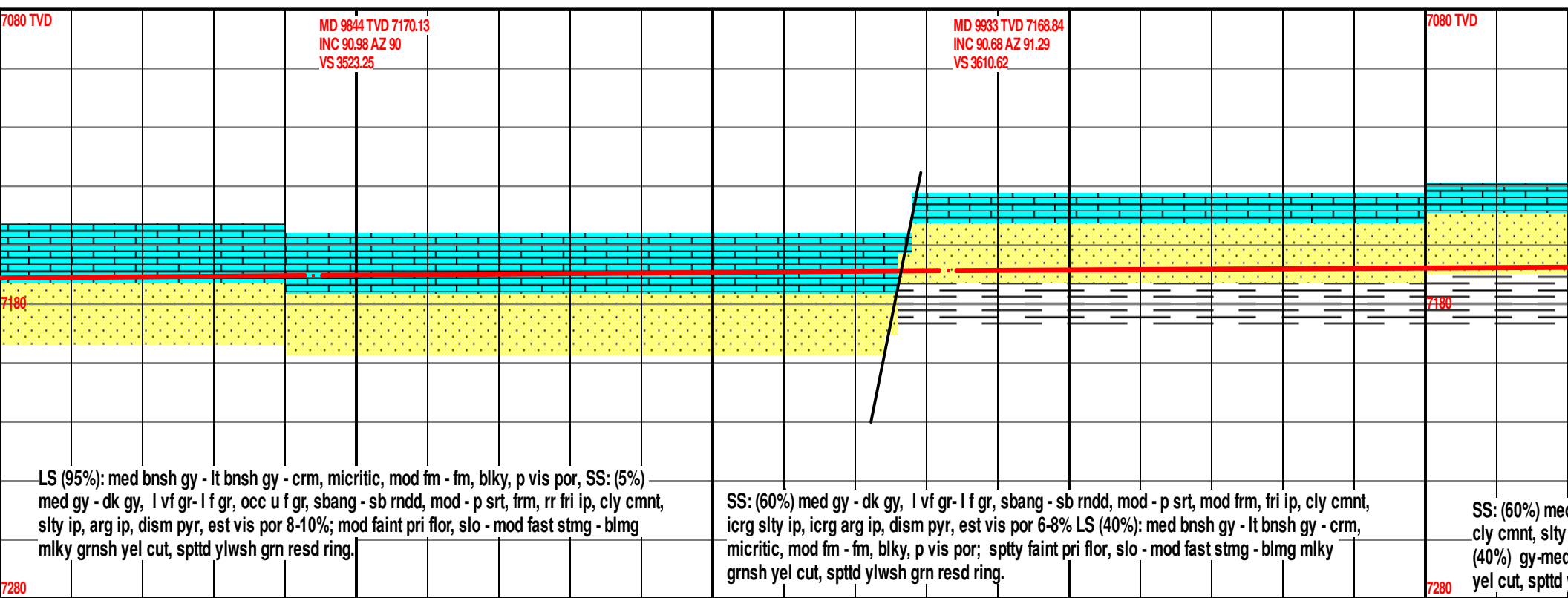


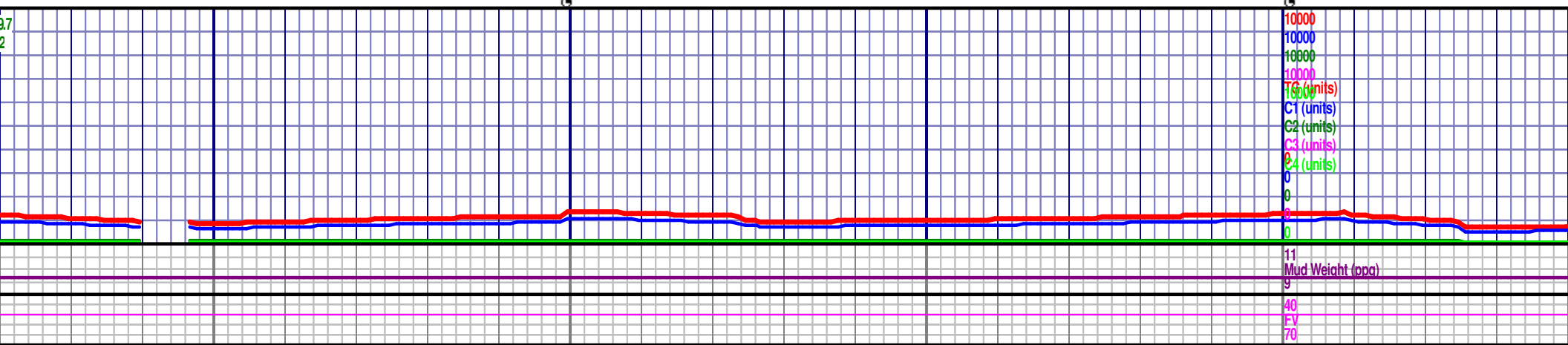
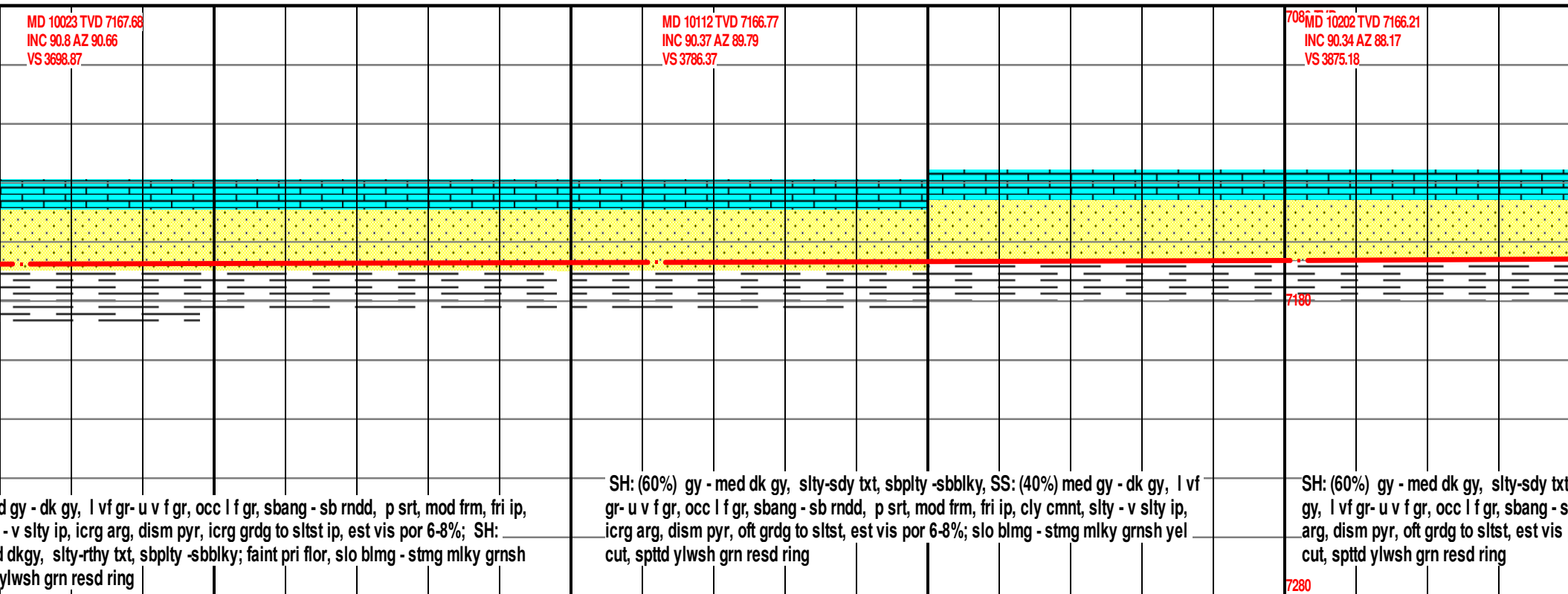
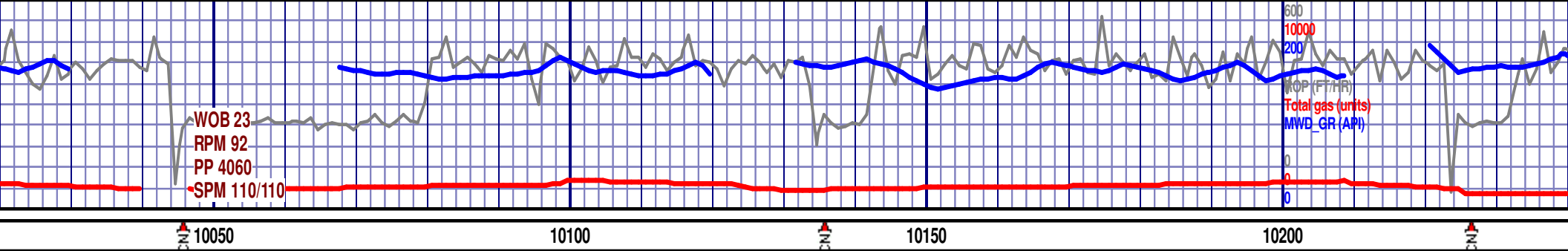
	<p>MD 8502 TVD 7151.47 INC 89.94 AZ 89.12 VS 2201.17</p> <p>p srt, mod frm, fri t: (5%) gy-med grnsh yel cut,</p> <p>SS: (95%) med gy - dk gy, occ lt gysh brn, l vf gr- l f gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty ip, arg ip, dism pyr, occ grdg to sltst ip, est vis por 8-10%; SH: (5%) gy-med dkgy, slty-rthy txt, sbply -sbbky, faint pri flor, slo - mod fast stmg - blmg mlky grnsh yel cut, spttd ylwsh grn resd ring.</p>	<p>MD 8591 TVD 7151.38 INC 90.18 AZ 87.99 VS 2289.11</p> <p>7180</p> <p>7280</p> <p>SS: (95%) med gy - dk gy, occ lt gysh brn, l vf gr- l f gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty ip, arg ip, dism pyr, occ grdg to sltst ip, est vis por 8-10%; SH: (5%) gy-med dkgy, slty-rthy txt, sbply -sbbky, faint pri flor, slo - mod fast stmg - blmg mlky grnsh yel cut, spttd ylwsh grn resd ring.</p>	<p>MD 8681 TVD 7151.26 INC 89.97 AZ 89.31 VS 2378.01</p>
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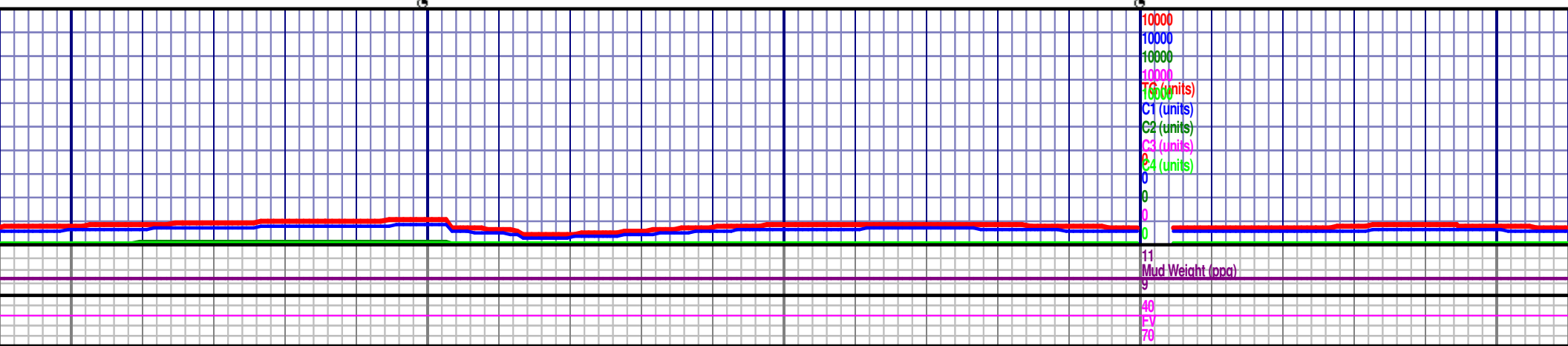
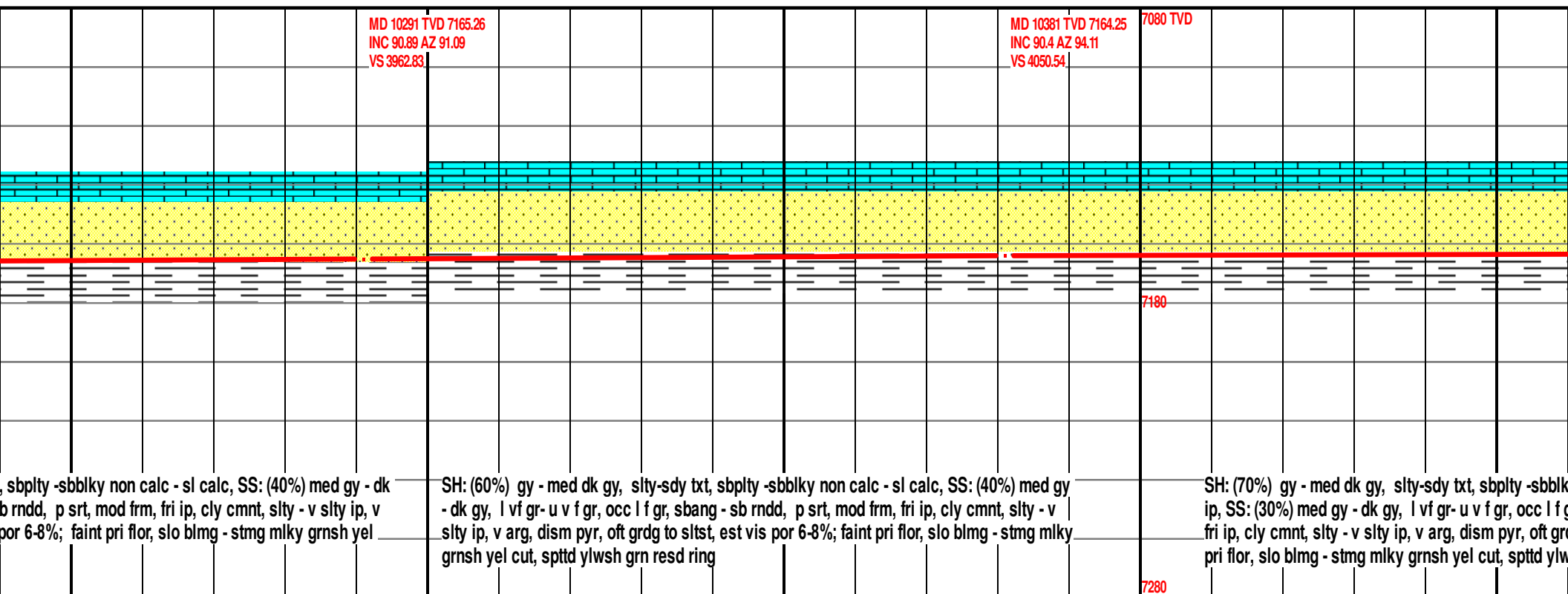
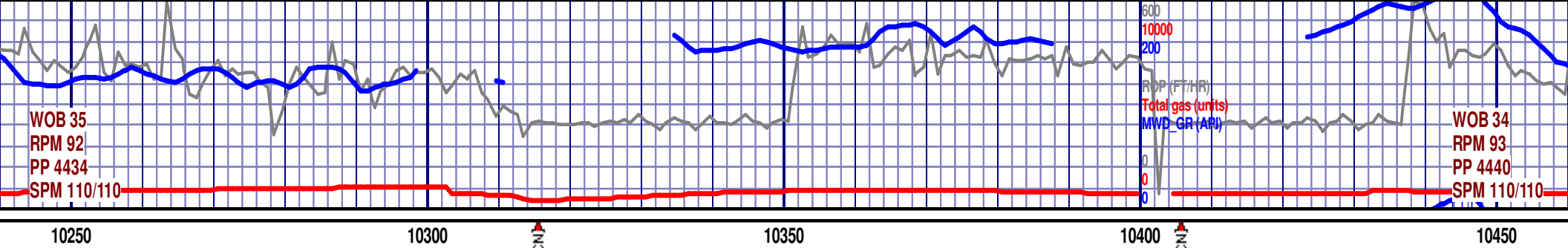


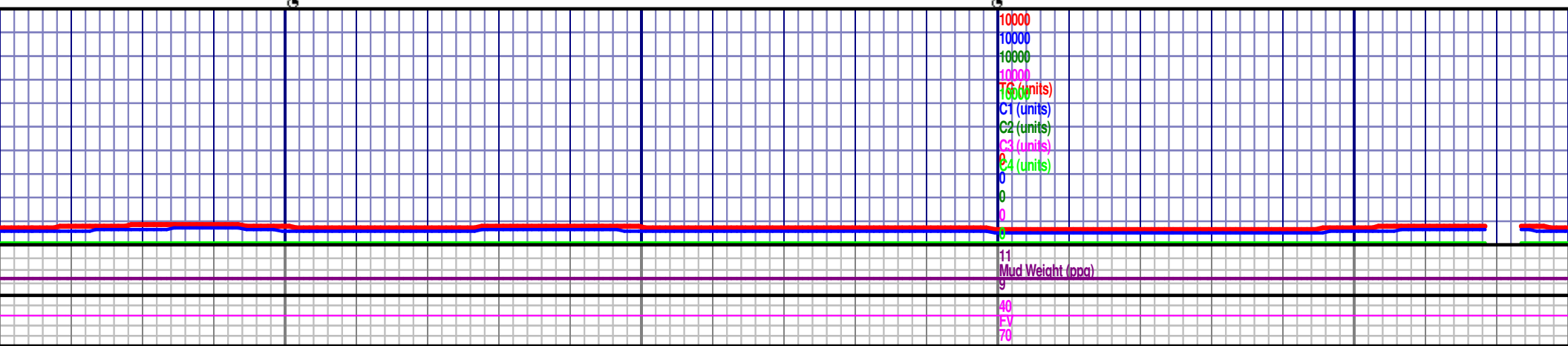
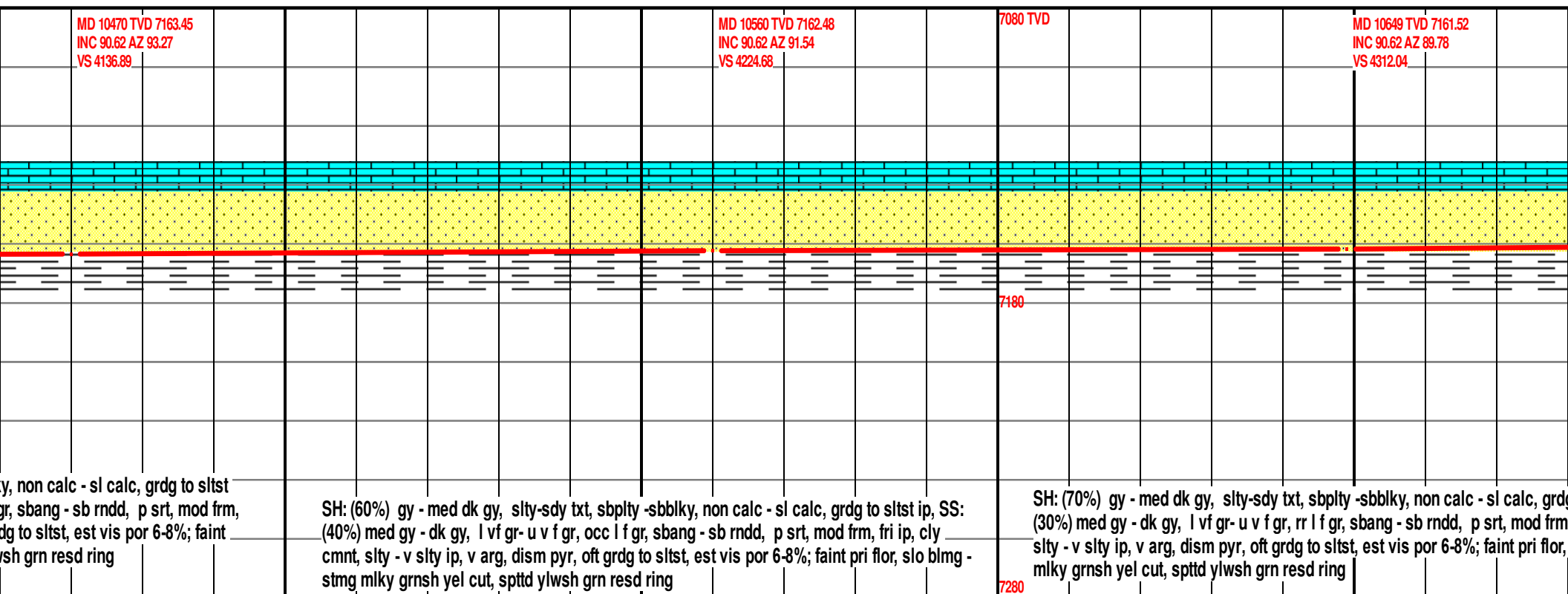
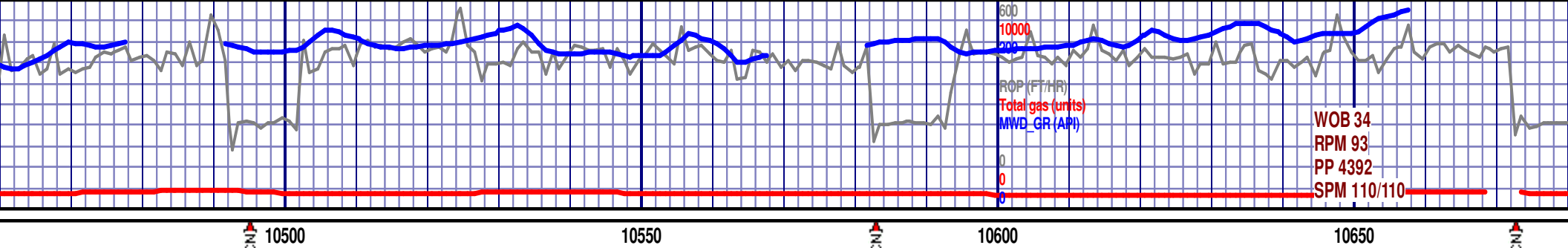


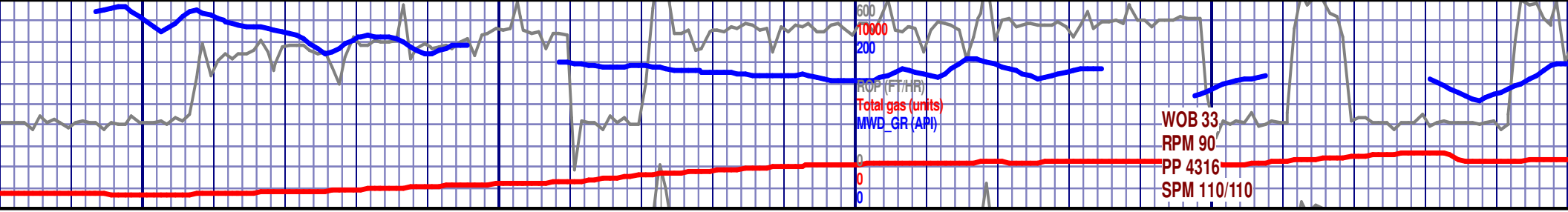












10700

10750

10800

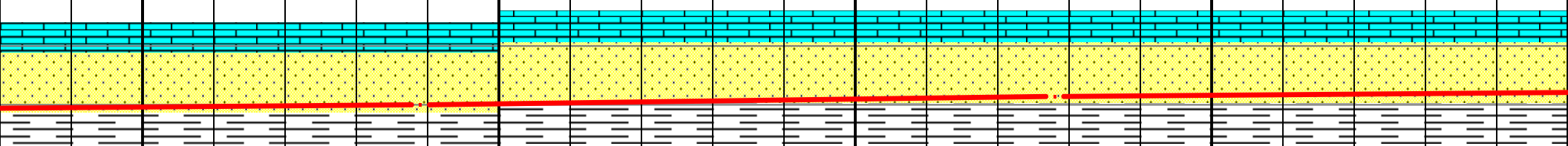
10850

10900

MD 10739 TVD 7159.77
INC 91.6 AZ 88.8
VS 4400.76

7080 TVD

MD 10828 TVD 7157.24
INC 91.66 AZ 87.54
VS 4488.75



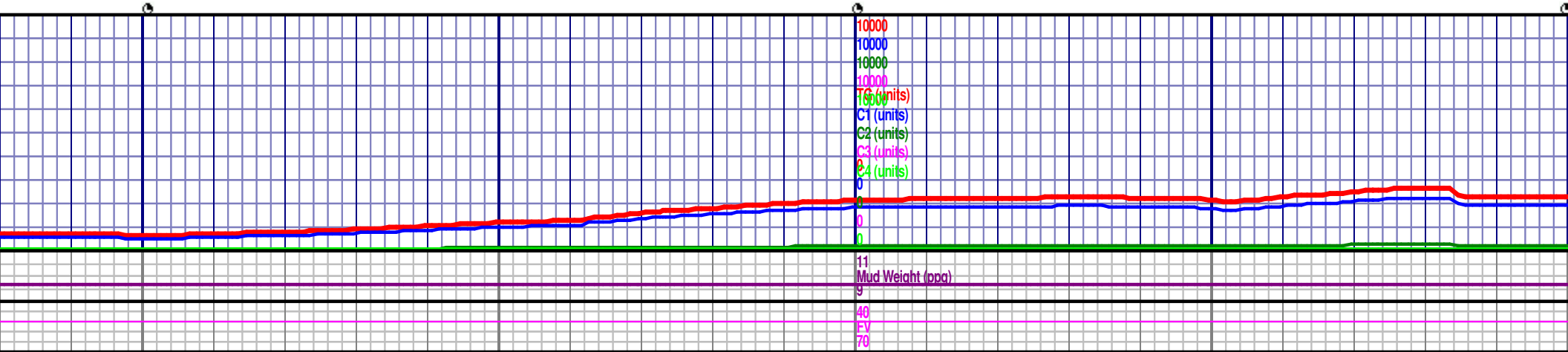
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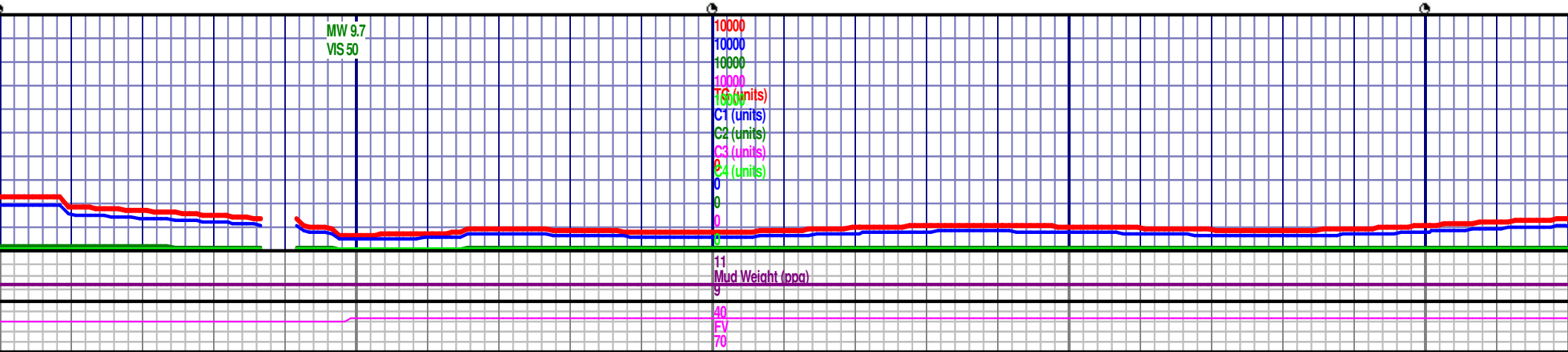
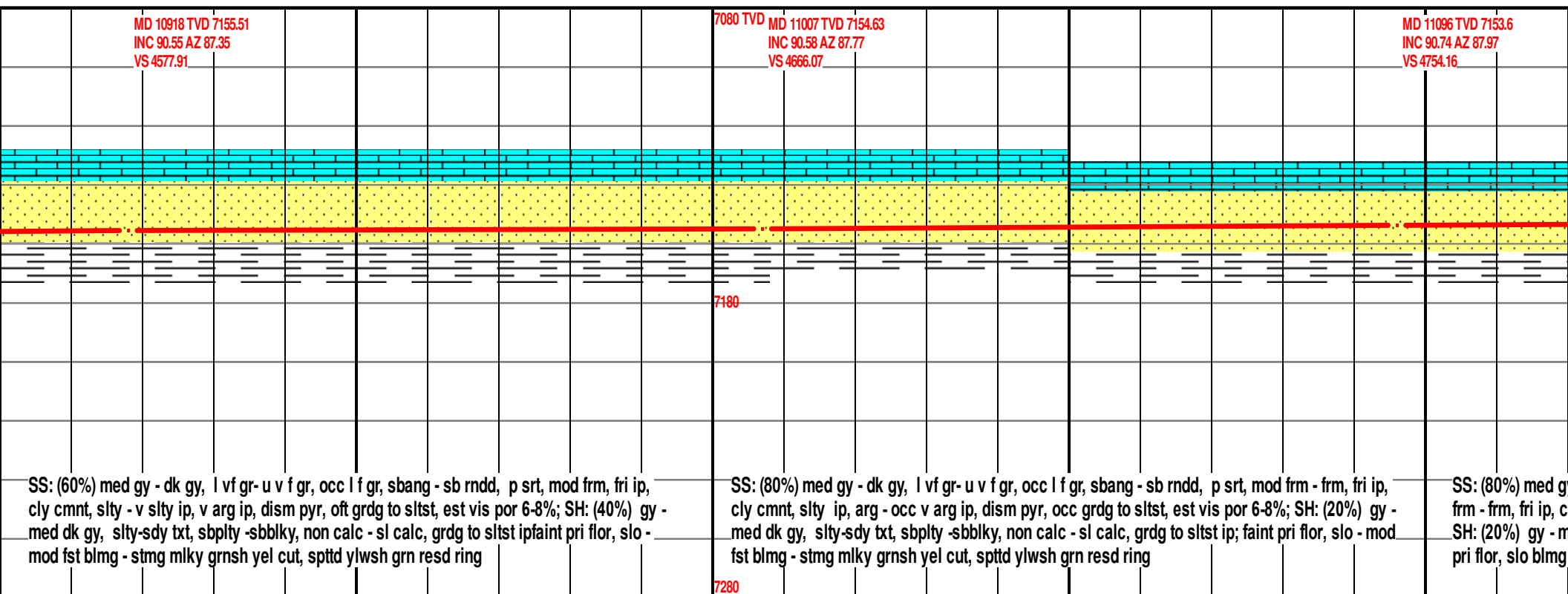
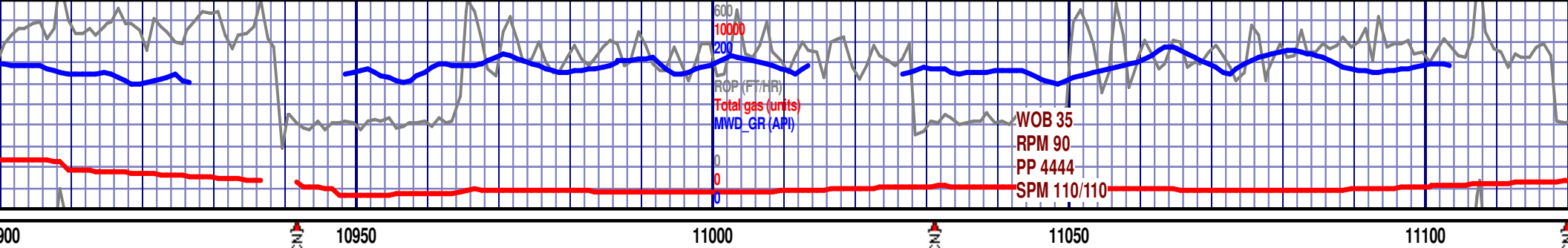
g to sltst ip, SS:
fri ip, cly cmnt,
slo blmg - stmg

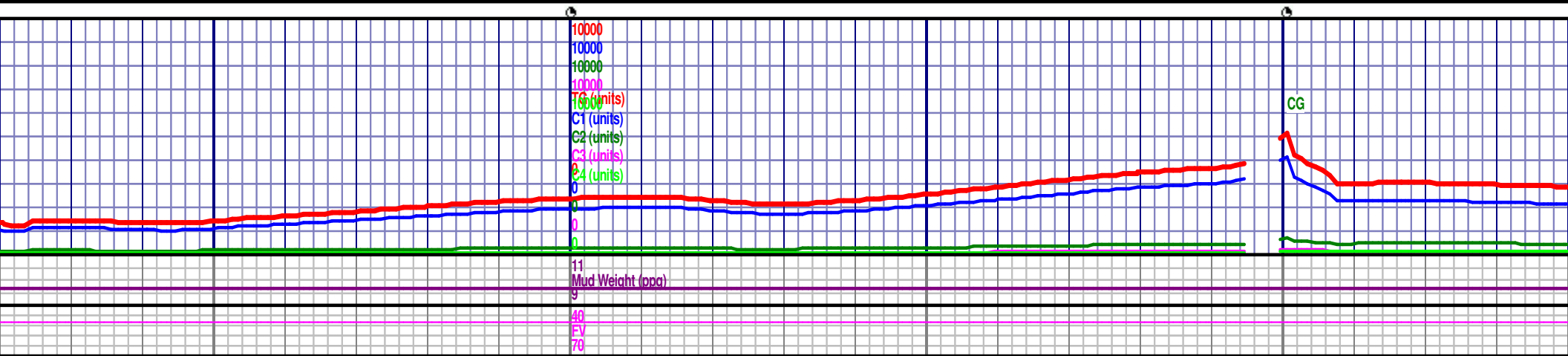
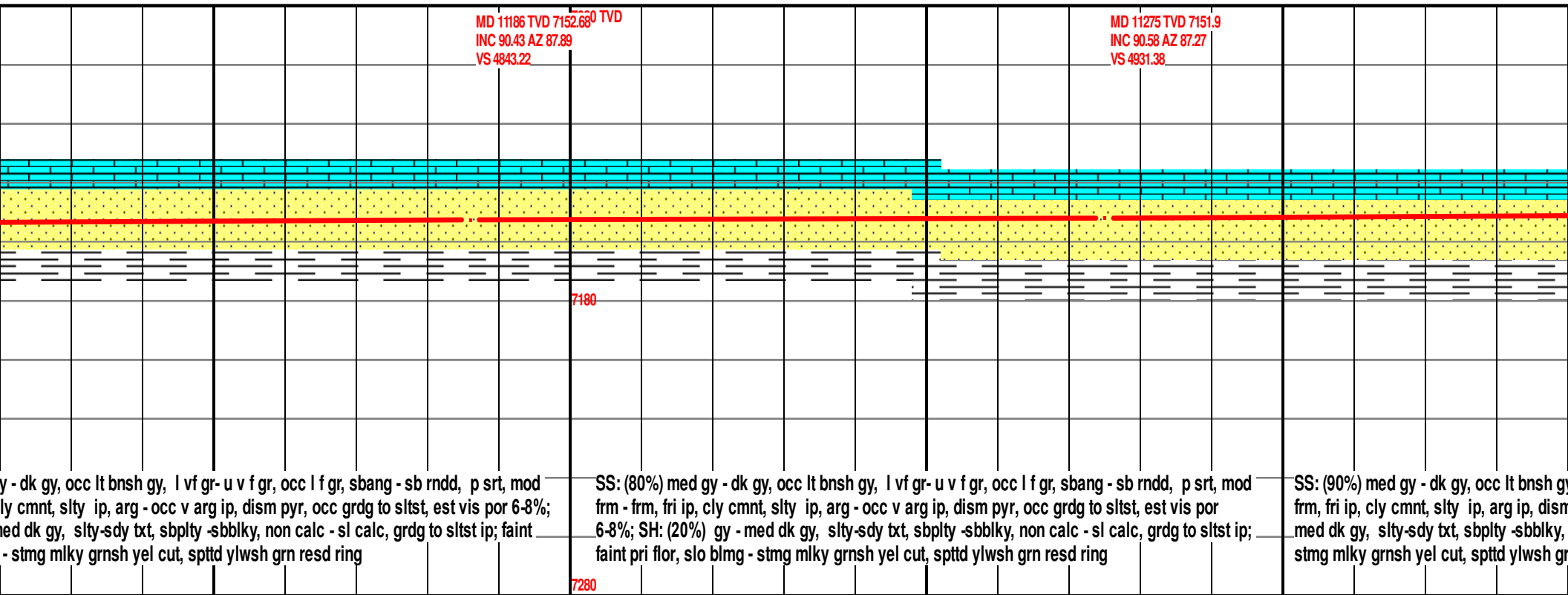
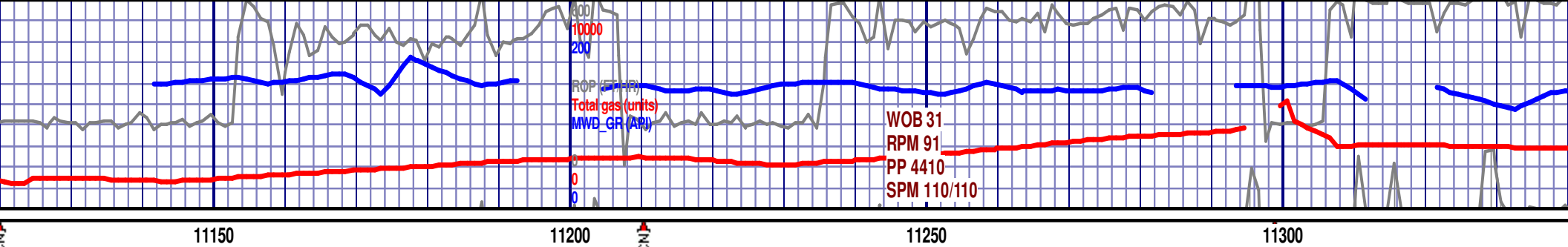
SH: (70%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grdg to sltst ip, SS:
(30%) med gy - dk gy, l vf gr- u v f gr, rr l f gr, sbang - sb rndd, p srt, mod frm, fri ip, cly cmnt,
slty - v slty ip, v arg, dism pyr, oft grdg to sltst, est vis por 6-8%; faint pri flor, slo blmg - stmg
mlky grnsh yel cut, spttd ylwsh grn resd ring

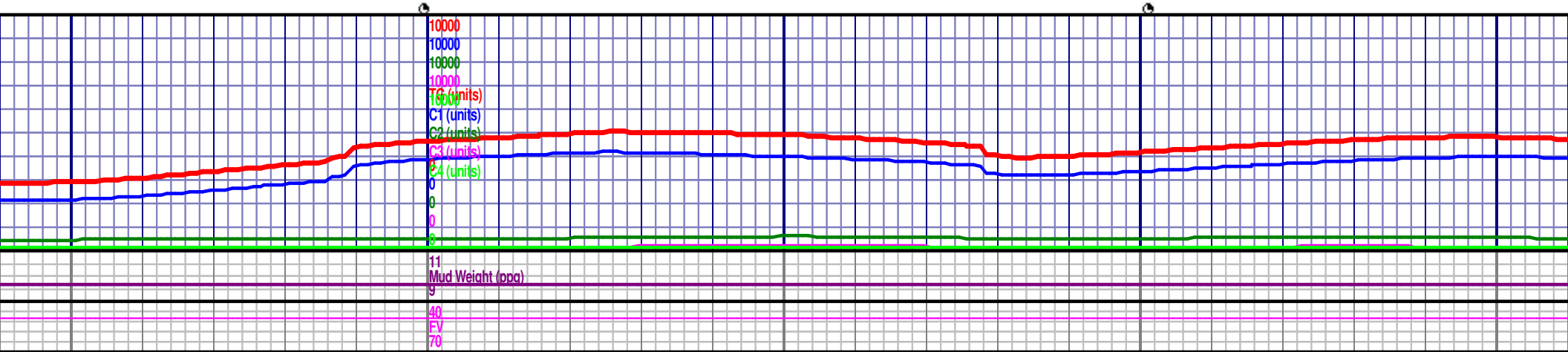
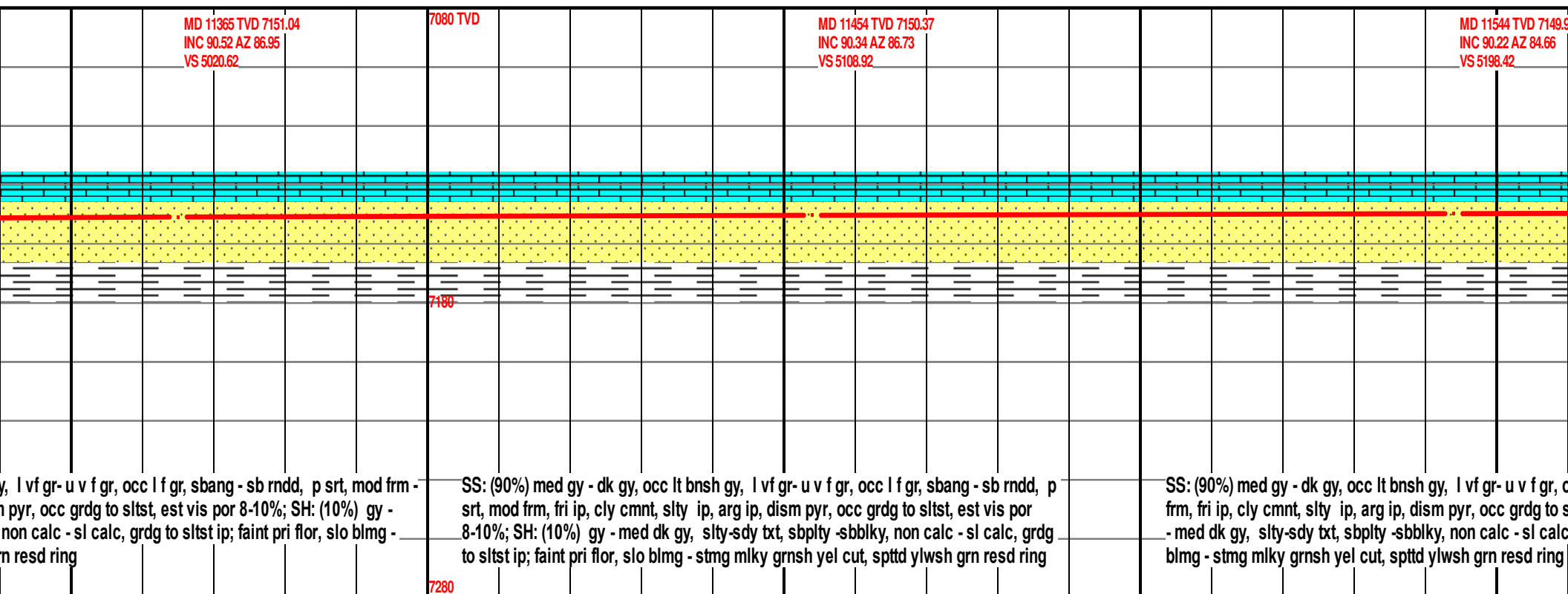
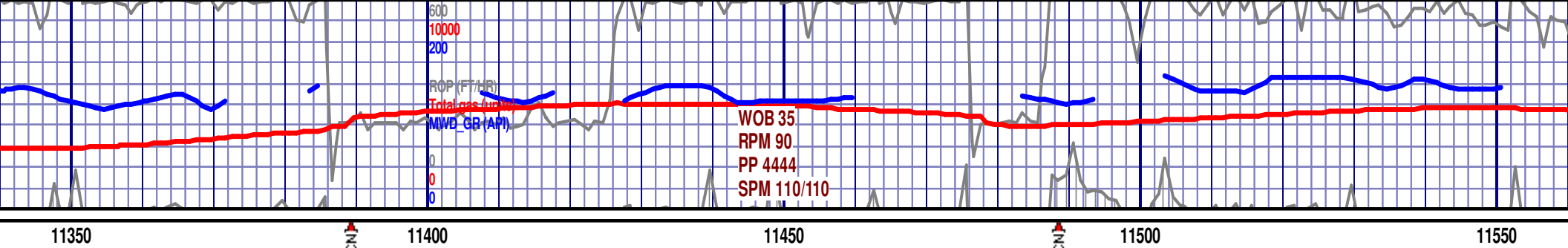
SH: (60%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grdg to sltst ip, SS:
(40%) med gy - dk gy, l vf gr- u v f gr, icrg l f gr, sbang - sb rndd, p srt, mod frm, fri ip, cly
cmnt, slty - v slty ip, v arg, dism pyr, oft grdg to sltst, est vis por 6-8%; faint pri flor, slo - mod
fst blmg - stmg mlky grnsh yel cut, spttd ylwsh grn resd ring

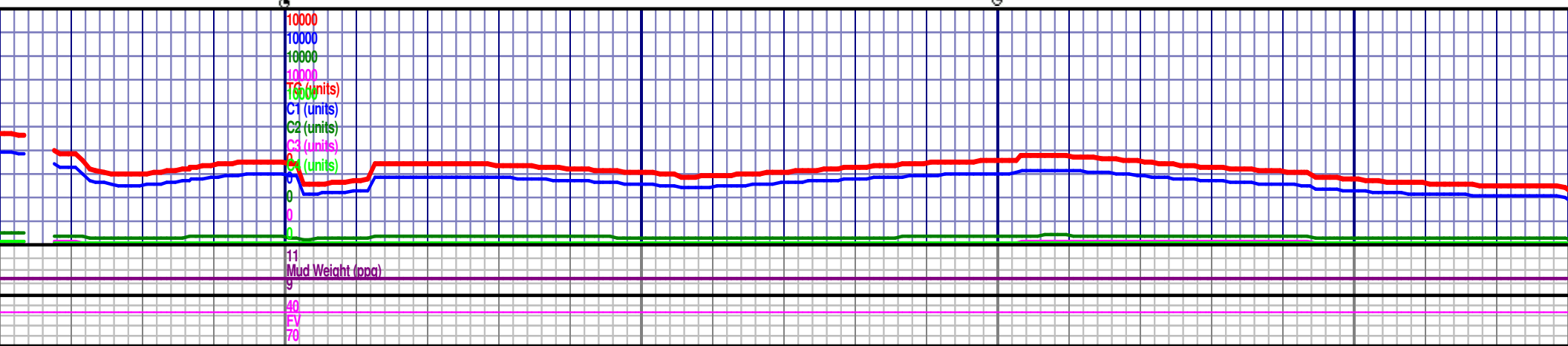
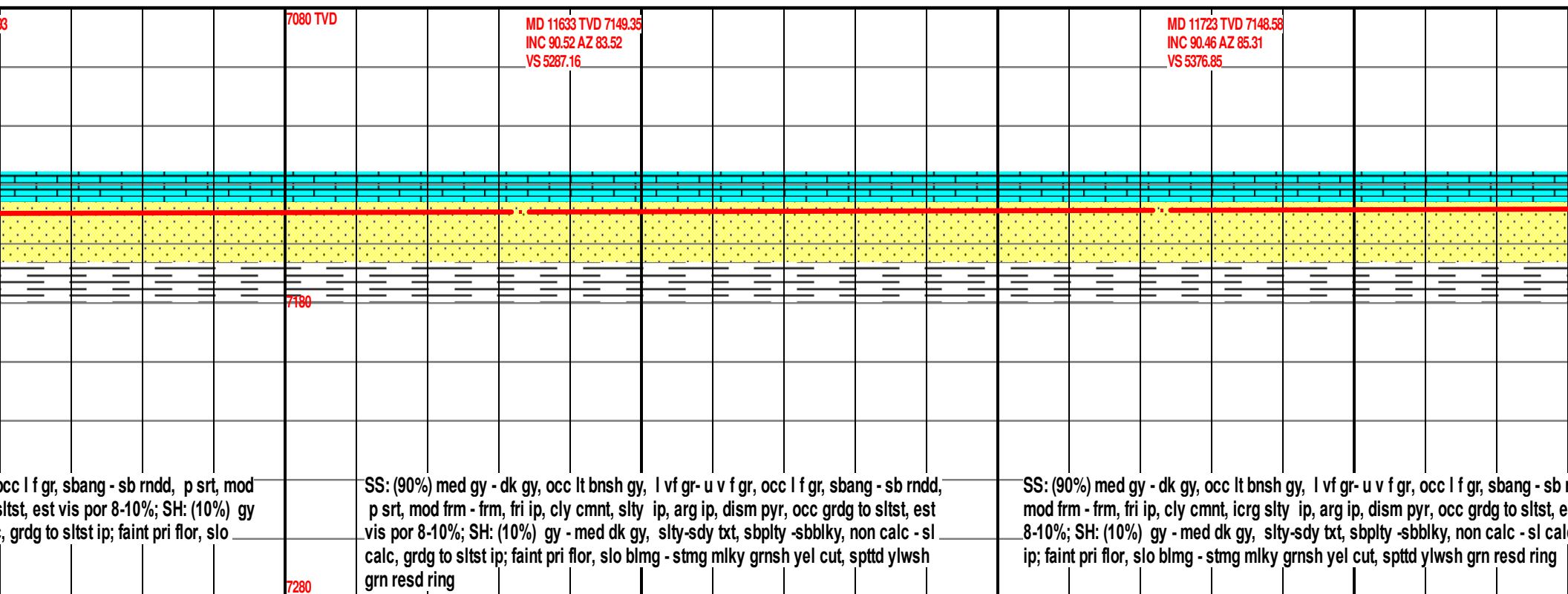
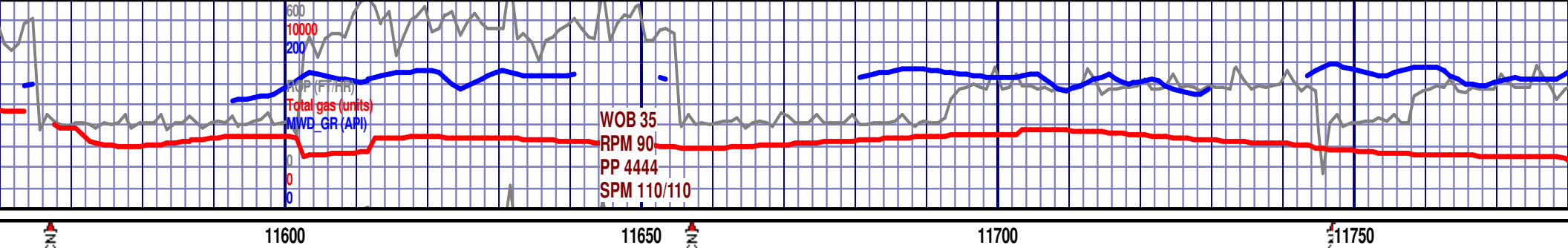
7280

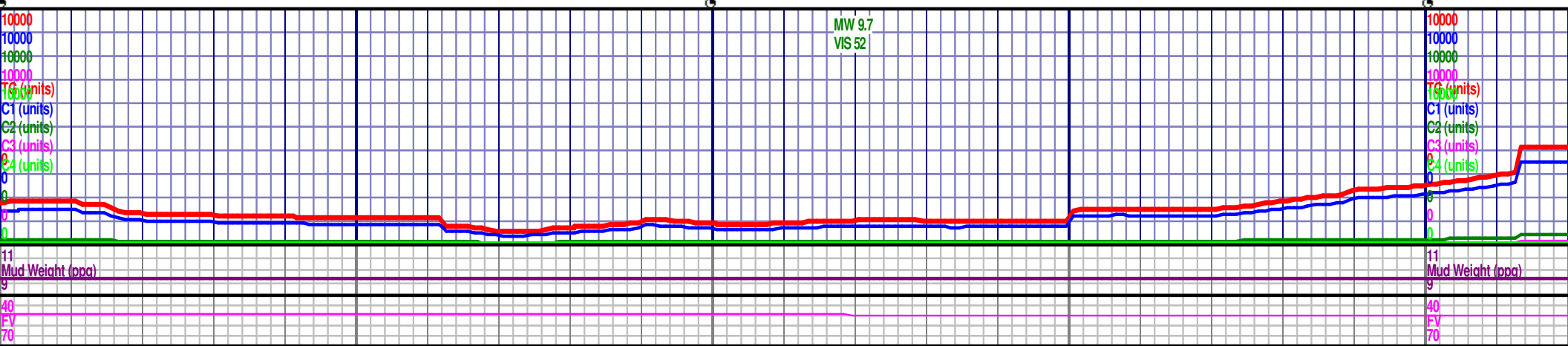
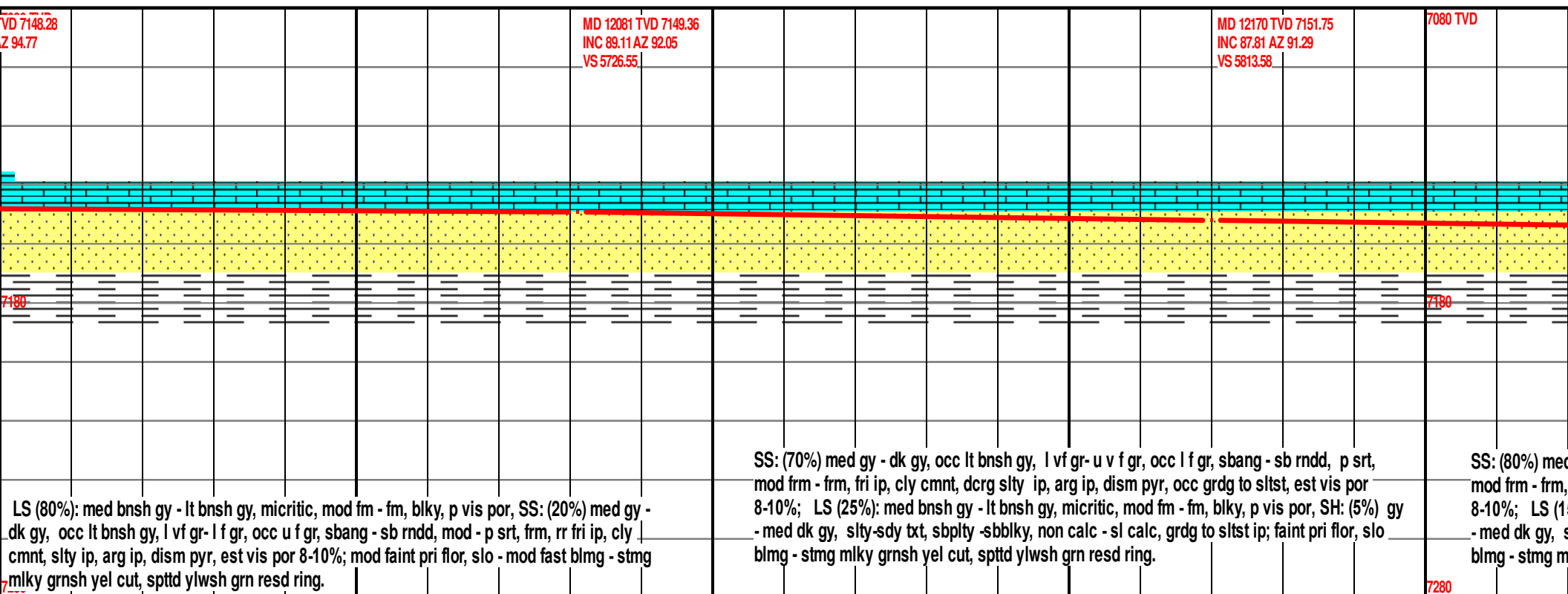
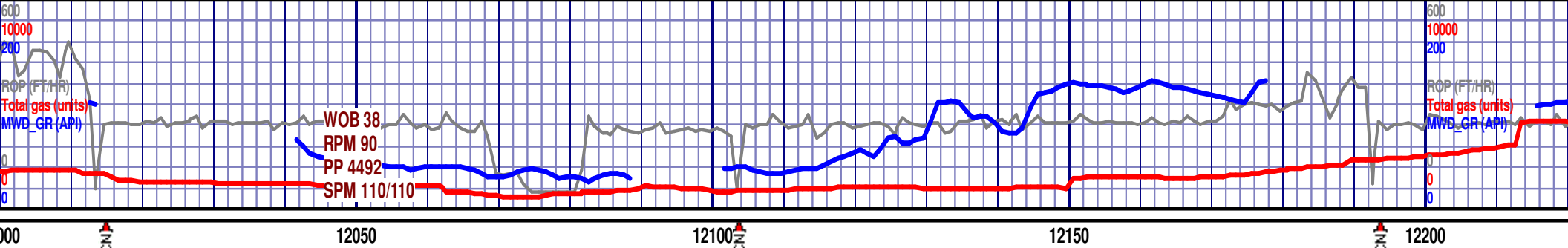


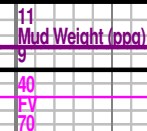
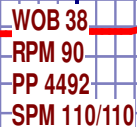


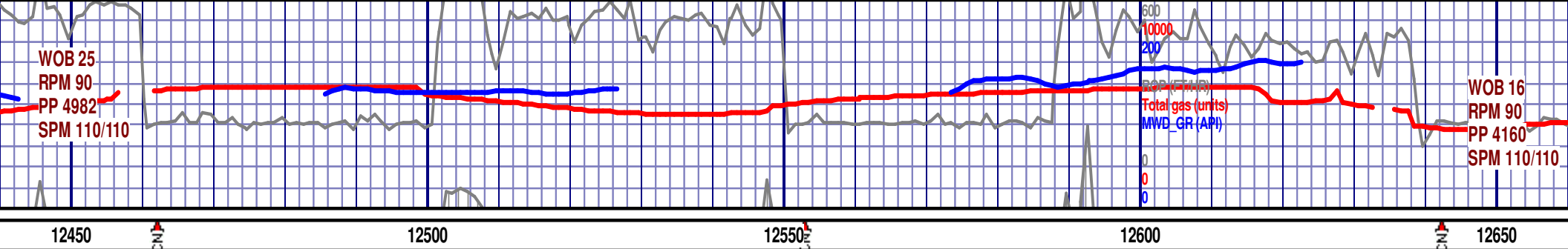












MD 12439 TVD 7160.69
INC 88.89 AZ 90.98
VS 6077.62

MD 12528 TVD 7161.88
INC 89.57 AZ 90.24
VS 6165

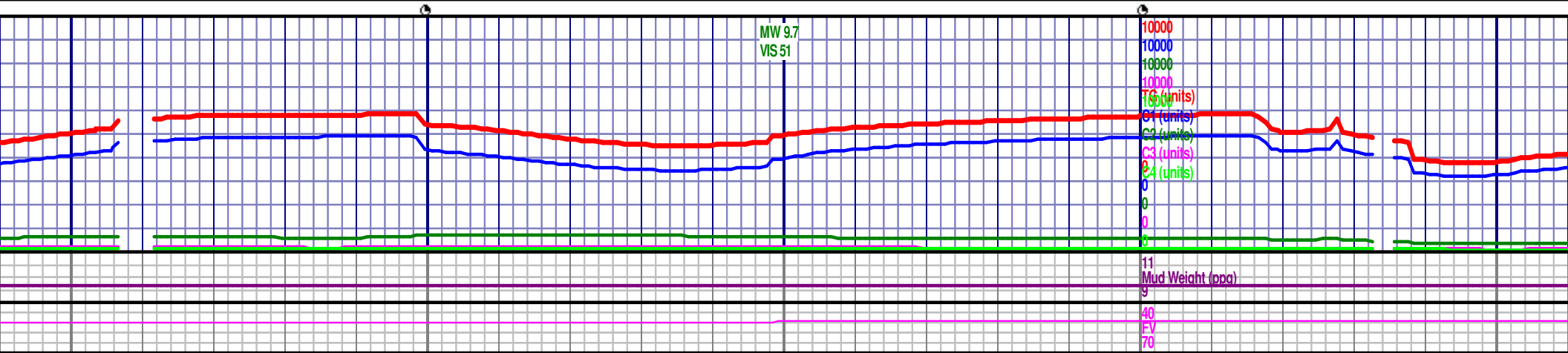
7080 TVD

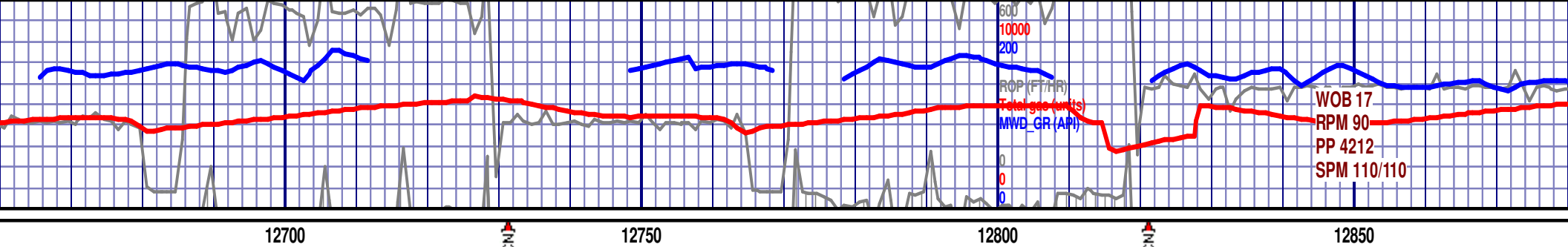
MD 12618 TVD 7162.53
INC 89.6 AZ 92.18
VS 6253.18

sh gy, l vf gr-u v f gr, occ l f gr, sbang - sb rndd, p srt, slty ip, arg ip, dism pyr, occ grd to sltst, est vis por
bnsh gy, micritic, mod fm - fm, blk, p vis por, SH: (5%)
-sbbkly, non calc - sl calc, grd to sltst ip; faint pri flor,
spttd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr-u v f gr, occ l f gr, sbang - sb rndd, p srt, mod
frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; LS
(TR): med bnsh gy - lt bnsh gy, micritic, mod fm - fm, blk, p vis por, SH: (5%) gy - med dk gy,
slty-sdy txt, sbply -sbbkly, non calc - sl calc, grd to sltst ip; faint pri flor, slo blmg - stmg mlky
grnsh yel cut, spttd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr-u v f gr, frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, o
(TR): med bnsh gy - lt bnsh gy, micritic, mod fm - fm, blk, slty-sdy txt, sbply -sbbkly, non calc - sl calc, grd to sltst ip; faint pri flor, slo blmg - stmg mlky
grnsh yel cut, spttd ylwsh grn resd ring.





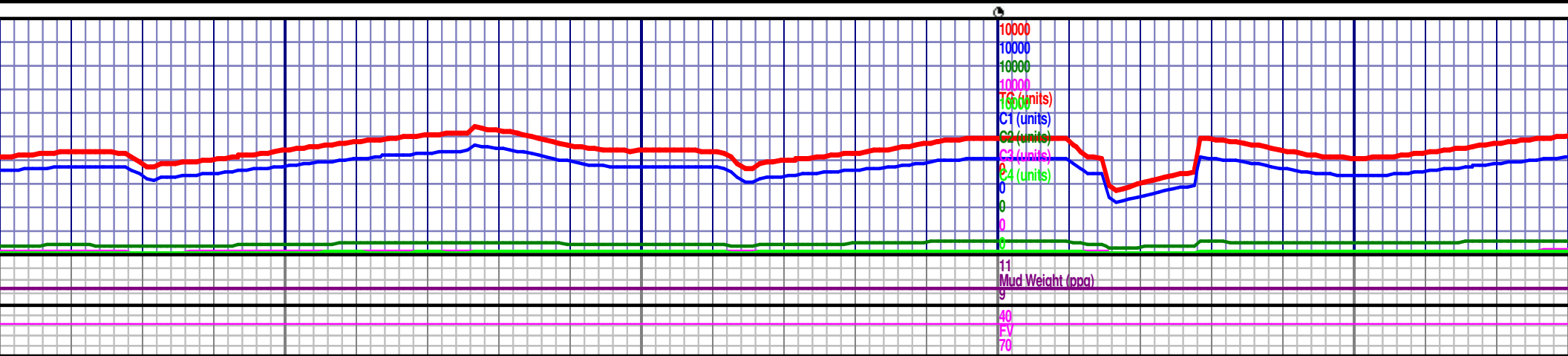
MD 12707 TVD 7163.2
INC 89.54 AZ 95.48
VS 6339.47

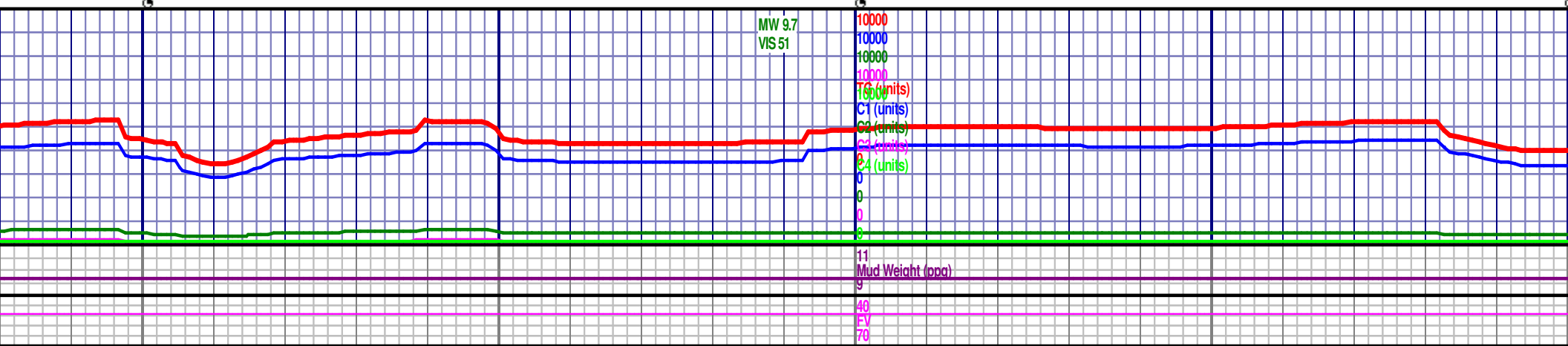
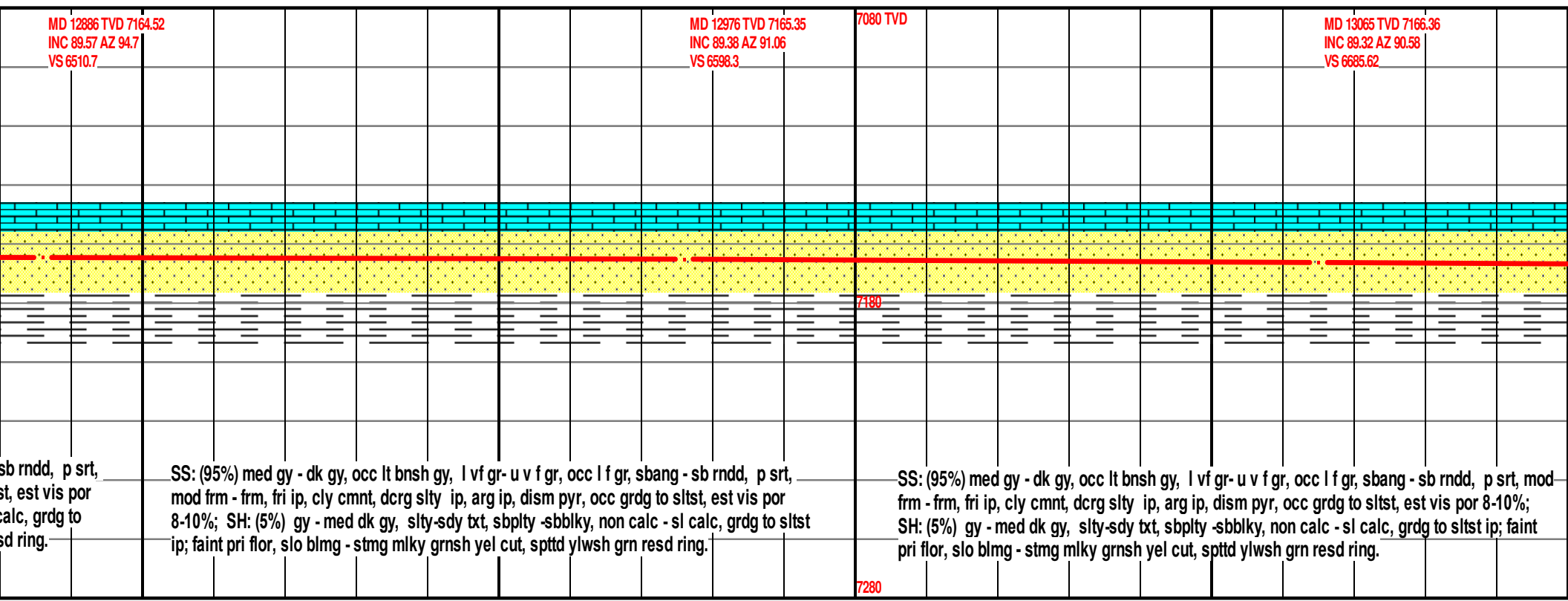
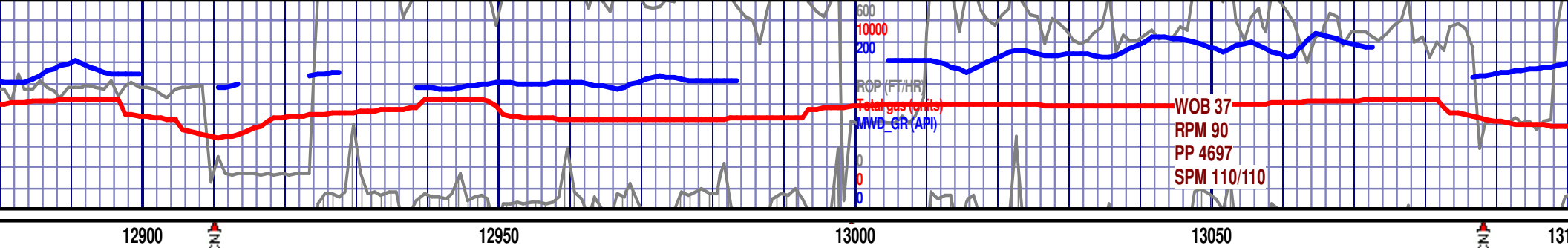
MD 12797 TVD 7163.88
INC 89.6 AZ 98.12
VS 6425.47

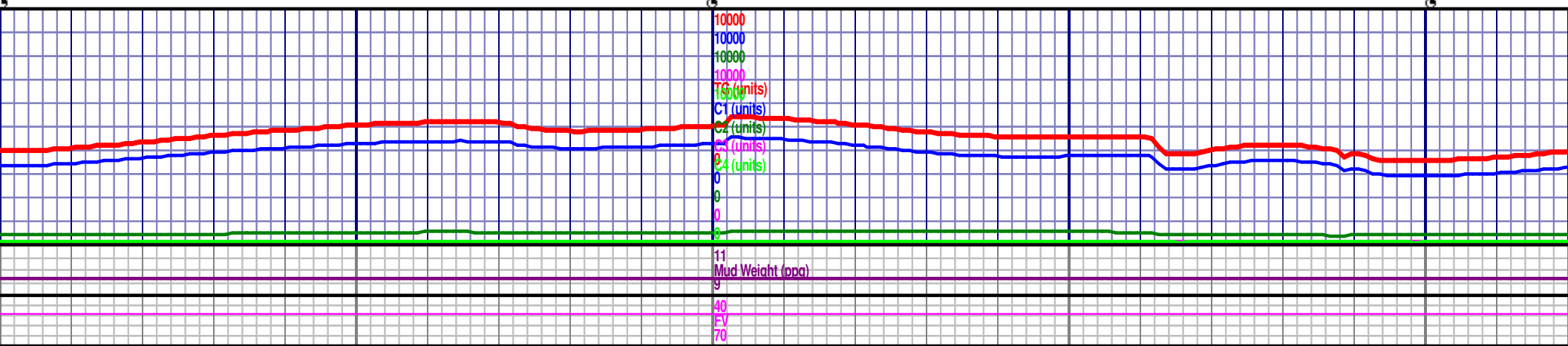
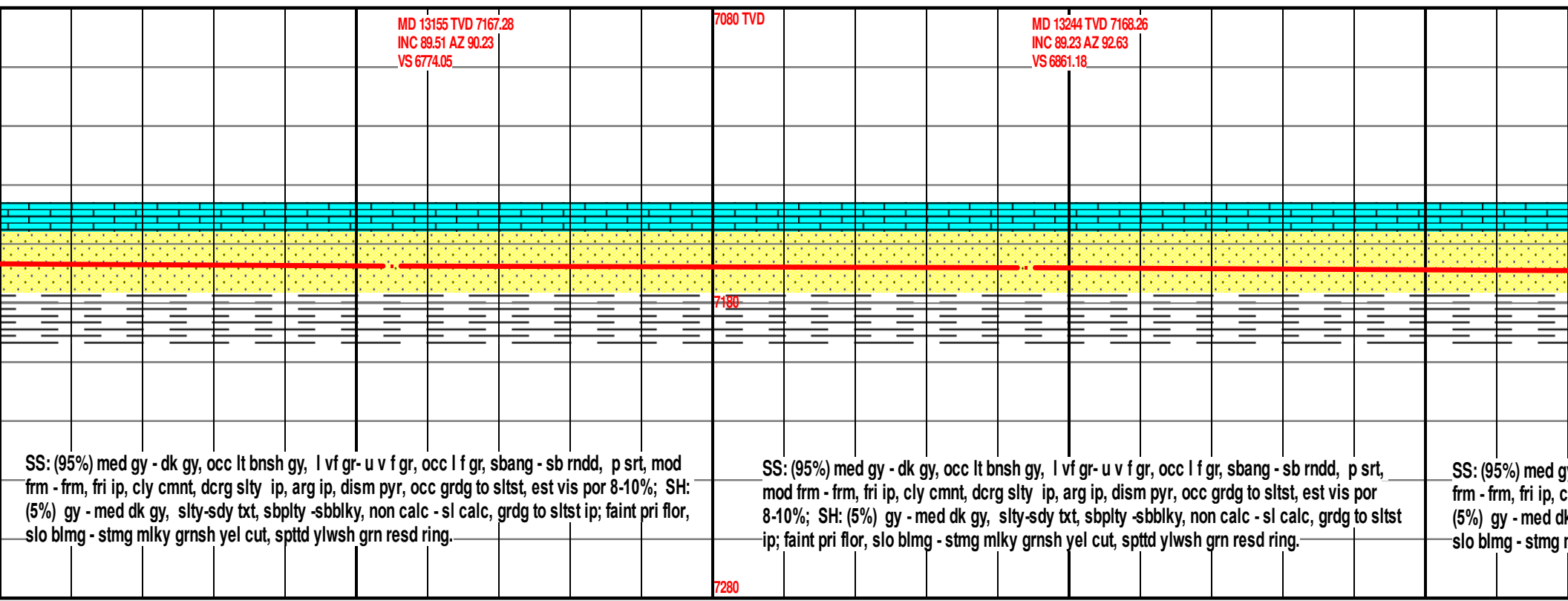
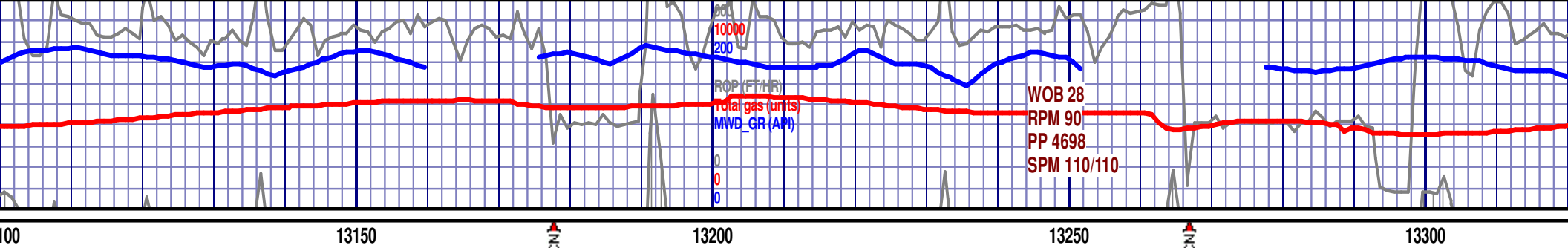
occ l f gr, sbang - sb rndd, p srt, mod
cc grd to sltst, est vis por 8-10%; LS
p vis por, SH: (5%) gy - med dk gy,
st ip; faint pri flor, slo blmg - stmg milky

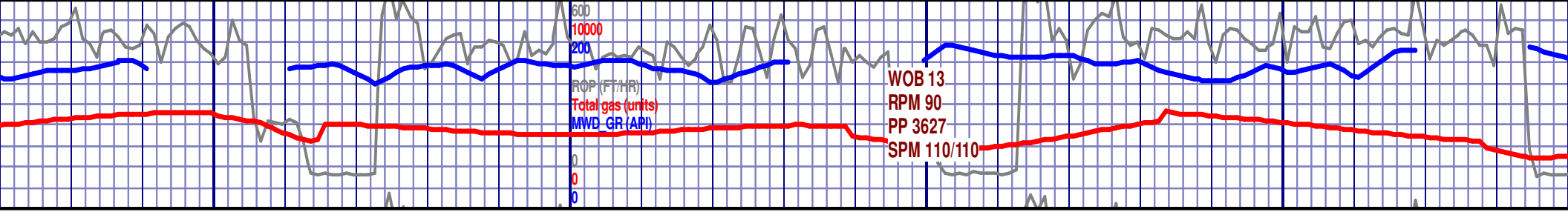
SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, occ l f gr, sbang - sb rndd, p srt,
mod frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst, est vis por
8-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grd to sltst
ip; faint pri flor, slo blmg - stmg milky grnsh yel cut, spttd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, occ l f gr, sbang -
mod frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst
8-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc
sltst ip; faint pri flor, slo blmg - stmg milky grnsh yel cut, spttd ylwsh grn resd









13350

13400

13450

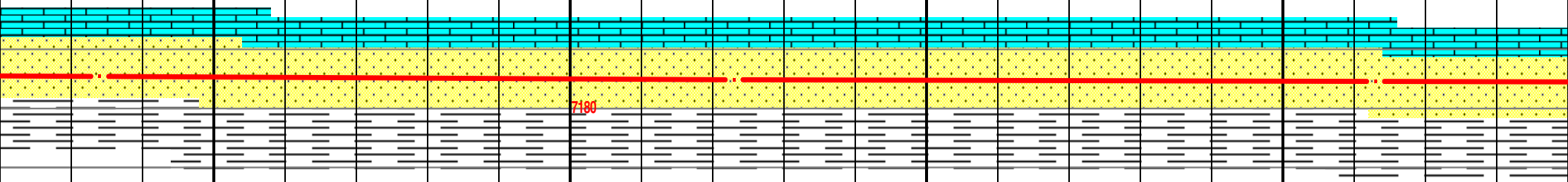
13500

MD 13334 TVD 7169.27
INC 89.48 AZ 95.47
VS 6948.35

7080 TVD

MD 13423 TVD 7170.03
INC 89.54 AZ 97.08
VS 7033.64

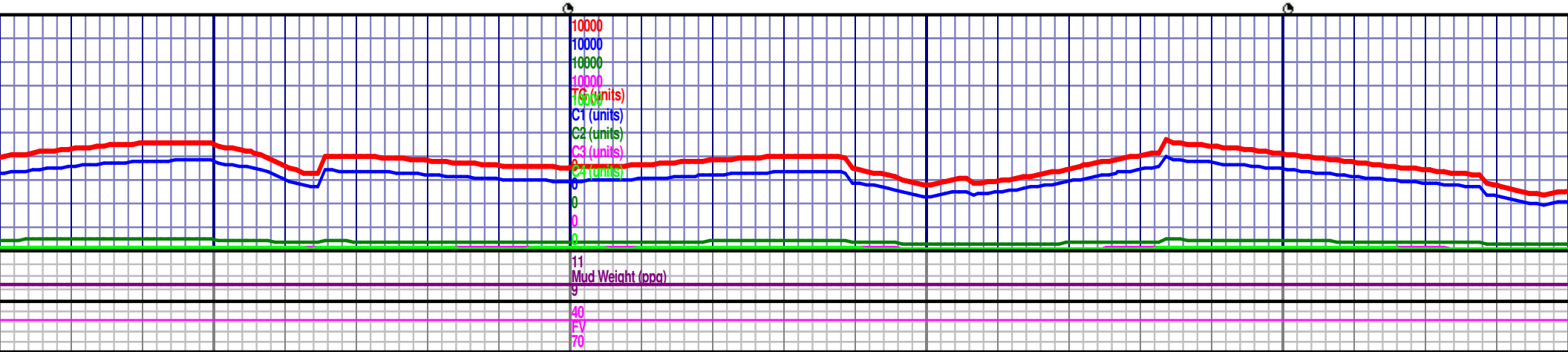
MD 13513 TVD 7170.59
INC 89.75 AZ 94.5
VS 7120.1

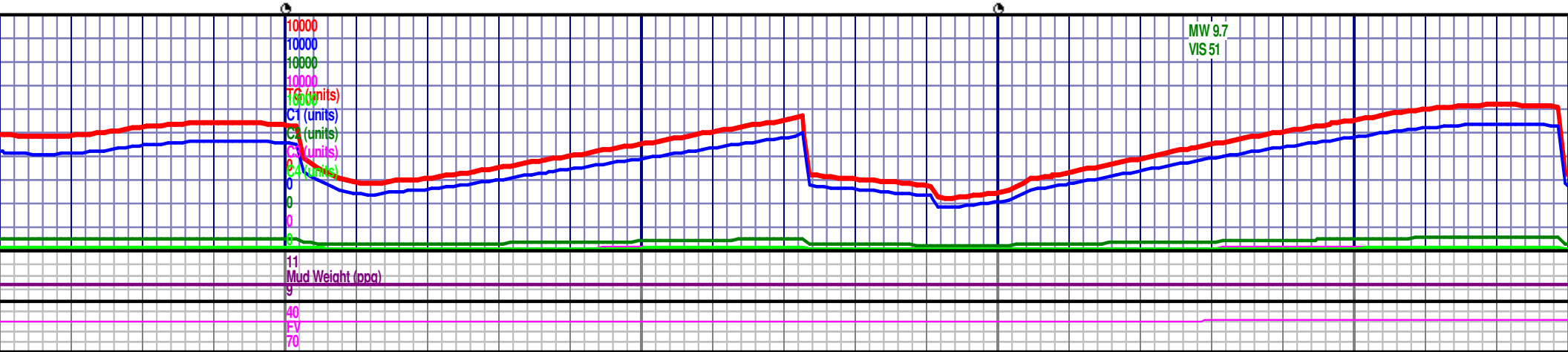
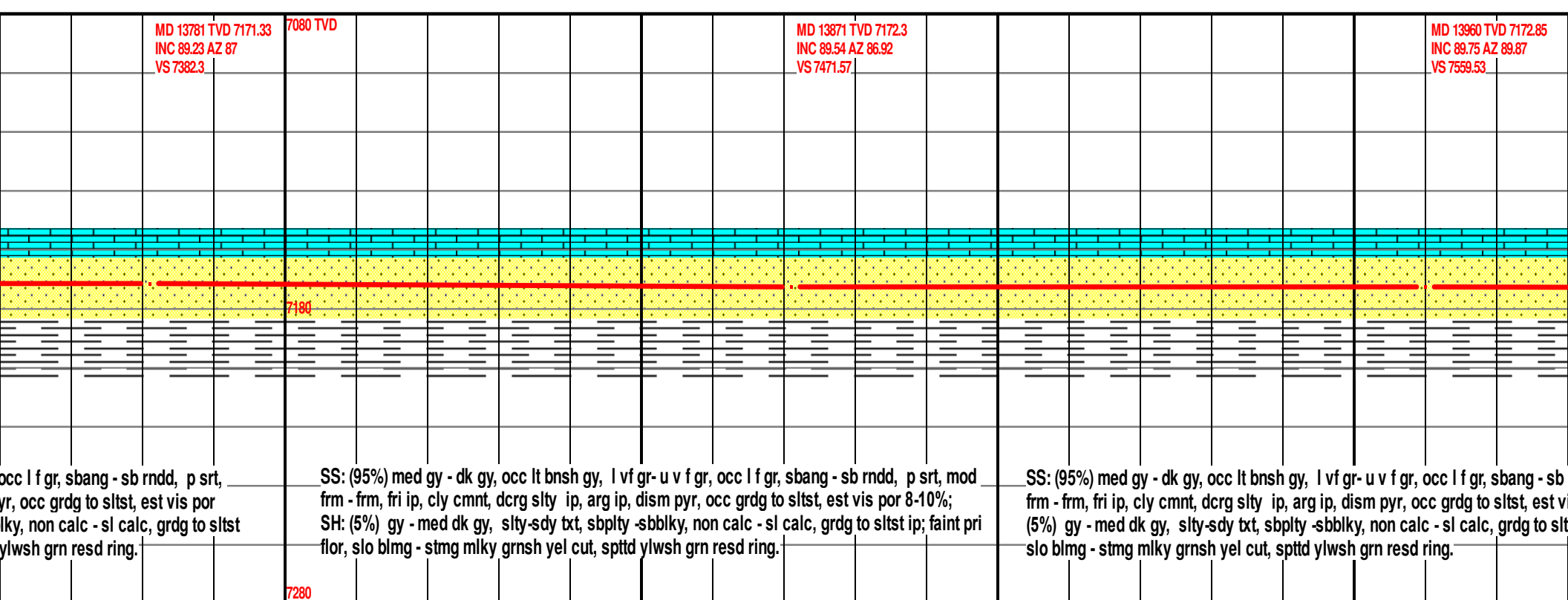
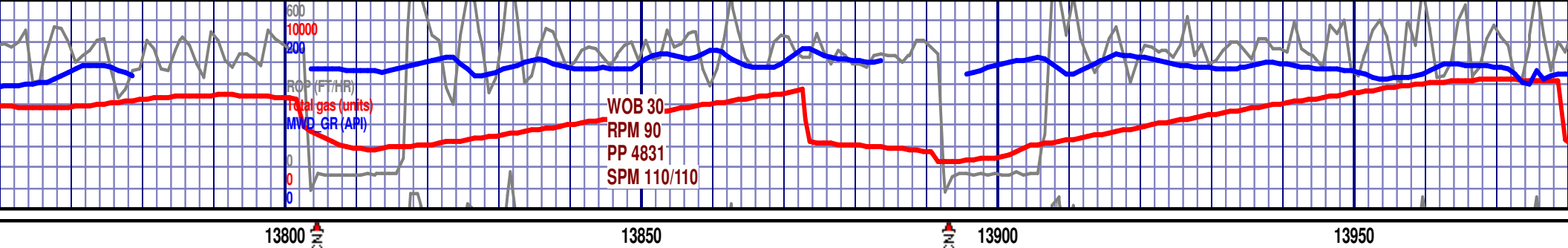


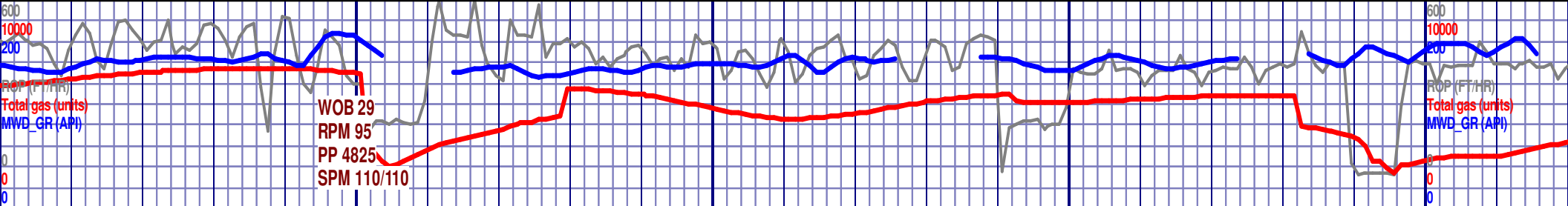
gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, occ l f gr, sbang - sb rndd, p srt, mod
ly cmnt, dcrd slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; SH:
k gy, slty-sdy txt, sbply -sbbky, non calc - sl calc, grd to sltst ip; faint pri flor,
mlky grnsh yel cut, sptd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, occ l f gr, sbang - sb rndd, p srt, mod frm
- frm, fri ip, cly cmnt, dcrd slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; SH: (5%)
gy - med dk gy, slty-sdy txt, sbply -sbbky, non calc - sl calc, grd to sltst ip; faint pri flor, slo
blmg - stmg mlky grnsh yel cut, sptd ylwsh grn resd ring.

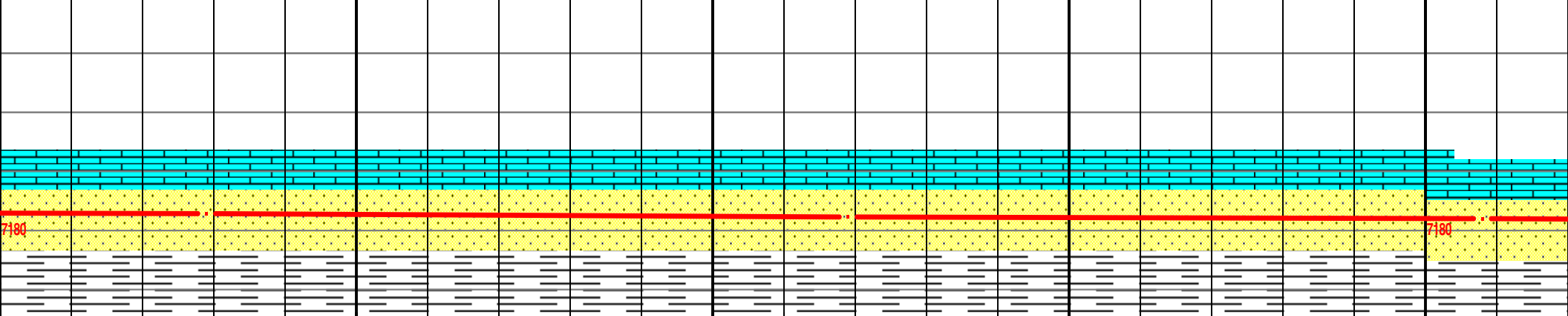
SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, occ l f gr, sbang - sb rndd, p srt, mod frm
- frm, fri ip, cly cmnt, dcrd slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; SH: (5%)
gy - med dk gy, slty-sdy txt, sbply -sbbky, non calc - sl calc, grd to sltst ip; faint pri flor, slo
blmg - stmg mlky grnsh yel cut, sptd ylwsh grn resd ring.







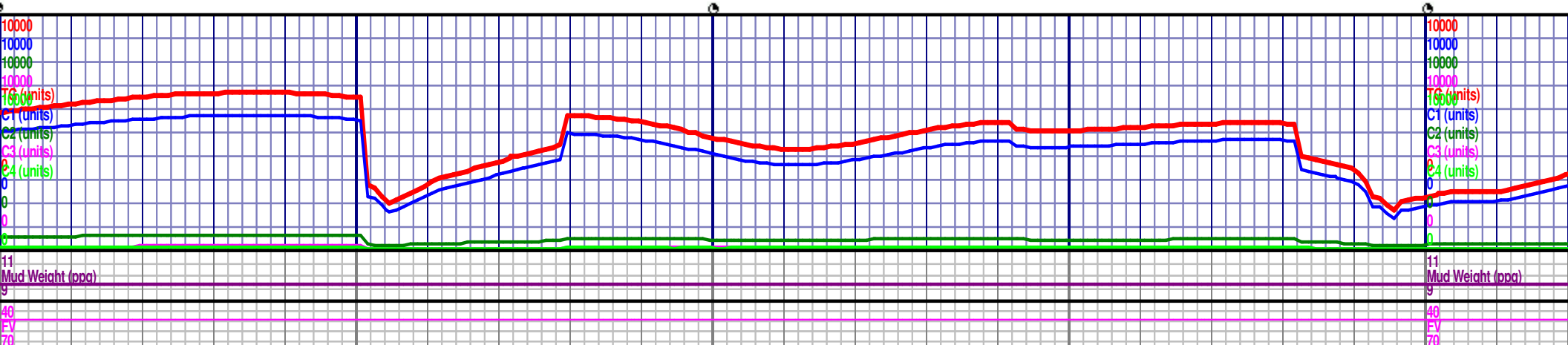
7080 TVD	MD 14229 TVD 7174.54 INC 89.69 AZ 83.84 VS 7824.32	MD 14319 TVD 7175.27 INC 89.38 AZ 83.05 VS 7914.13	7080 TVD	MD 14408 TVD INC 89.45 AZ 83 VS 8002.96
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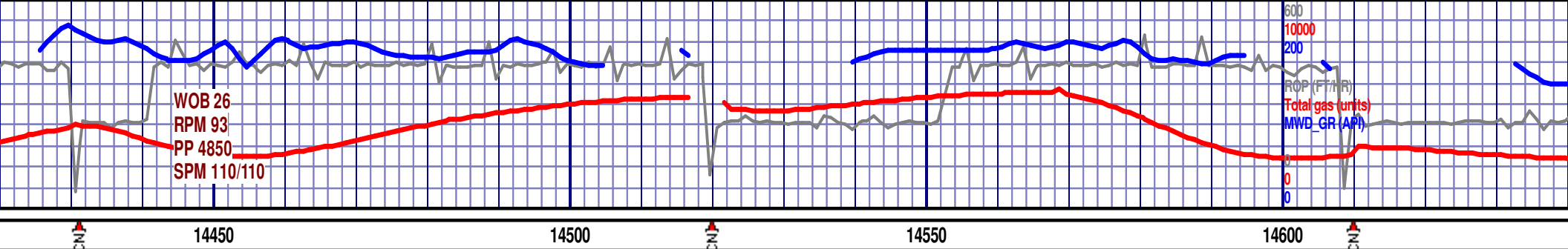


SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr - u v f gr, occ l f gr, sbang - sb rndd, p srt, mod frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%;
SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grd to sltst ip; faint pri flor, slo blmg - stmg mlky grnsh yel cut, spttd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr - u v f gr, occ l f gr, sbang - sb rndd, p srt, mod frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grd to sltst ip; faint pri flor, slo blmg - stmg mlky grnsh yel cut, spttd ylwsh grn resd ring.

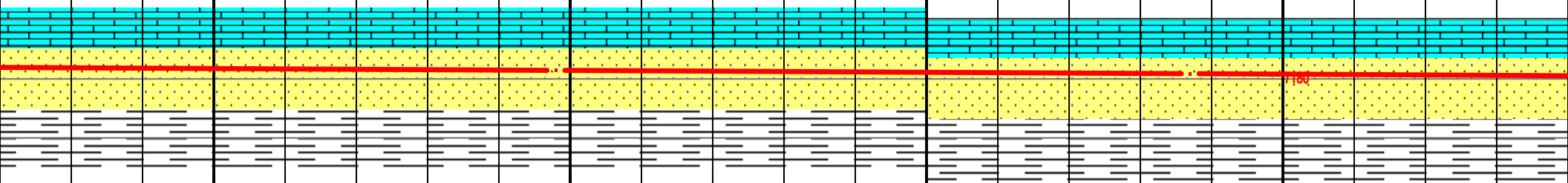
SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr - u v f gr, occ l f gr, sbang - sb rndd, p srt, mod frm - frm, fri ip, cly cmnt, dcrg slty ip, arg ip, dism pyr, occ grd to sltst, est vis por 8-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sbbly, non calc - sl calc, grd to sltst ip; faint pri flor, slo blmg - stmg mlky grnsh yel cut, spttd ylwsh grn resd ring.





MD 14498 TVD 7177.34
INC 89.08 AZ 86.2
VS 8092.59

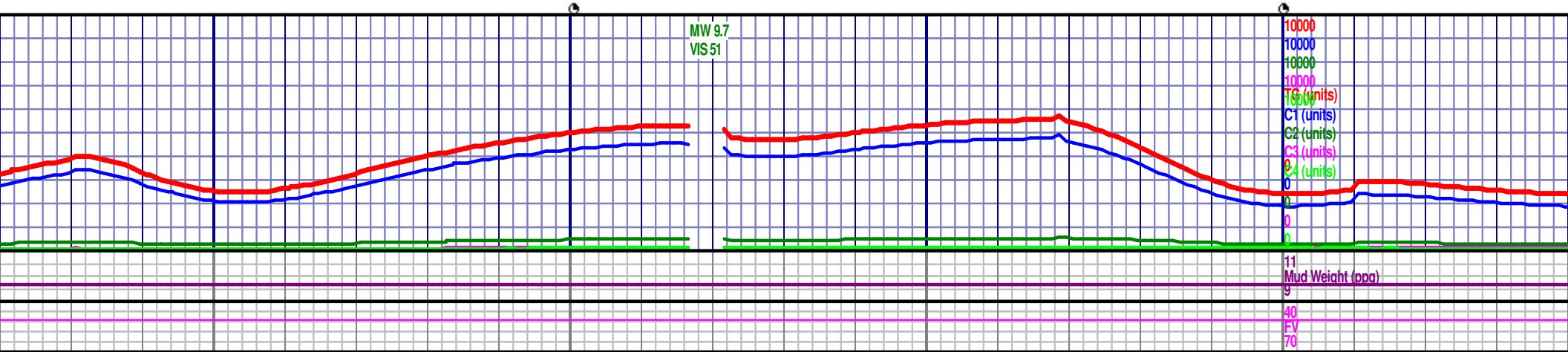
MD 14587 TVD 7178.45
INC 89.48 AZ 85.78
VS 8181.04

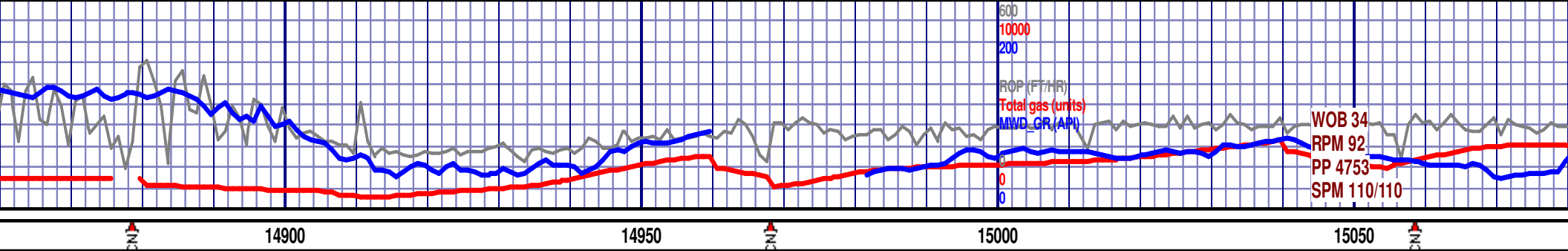


gy - dk gy, occ lt bnsh gy, l vf gr-u v f gr, occ l f gr, sbang - sb rndd, p srt, mod
cly cmnt, dcrd slty ip, arg ip, dism pyr, occ grdg to sltst, est vis por 8-10%; SH:
k gy, slty-sdy txt, sbply -sblky, non calc - sl calc, grdg to sltst ip; faint pri flor,
milky grnsh yel cut, spttd ylwsh grn resd ring.

SS: (95%) med gy - dk gy, occ lt bnsh gy, l vf gr-u v f gr, occ l f gr, sbang - sb rndd, p srt,
mod frm - frm, fri ip, cly cmnt, dcrd slty ip, arg ip, dism pyr, occ grdg to sltst, est vis por
8-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sblky, non calc - sl calc, grdg to sltst
ip; faint pri flor, slo blmg - stmg milky grnsh yel cut, spttd ylwsh grn resd ring.

SS: (90%) med gy - dk gy, occ lt bnsh gy, l vf gr-u v f gr, occ l f gr, sbang - sb rndd, p srt,
mod frm - frm, fri ip, cly cmnt, dcrd slty ip, arg ip, dism pyr, occ grdg to sltst, est vis por
6-10%; SH: (5%) gy - med dk gy, slty-sdy txt, sbply -sblky, non calc - sl calc, grdg to sltst
ip; faint pri flor, slo blmg - stmg milky grnsh yel cut, spttd ylwsh grn resd ring.



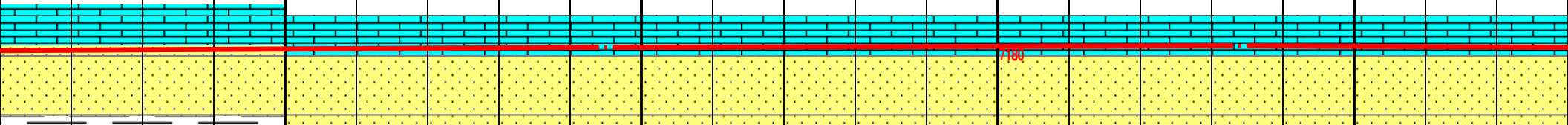


MD 14855 TVD 7178.22
INC 90.83 AZ 88.97
VS 8535.14

MD 14945 TVD 7176.92
INC 90.83 AZ 91.87
VS 8535.14

7080 TVD

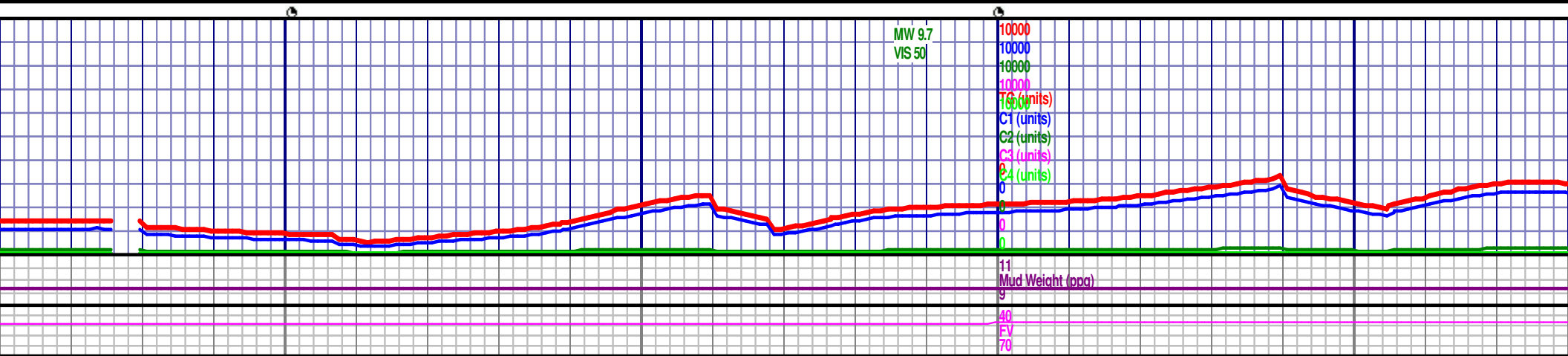
MD 15034 TVD 7176.8
INC 89.32 AZ 94.41
VS 8621.69

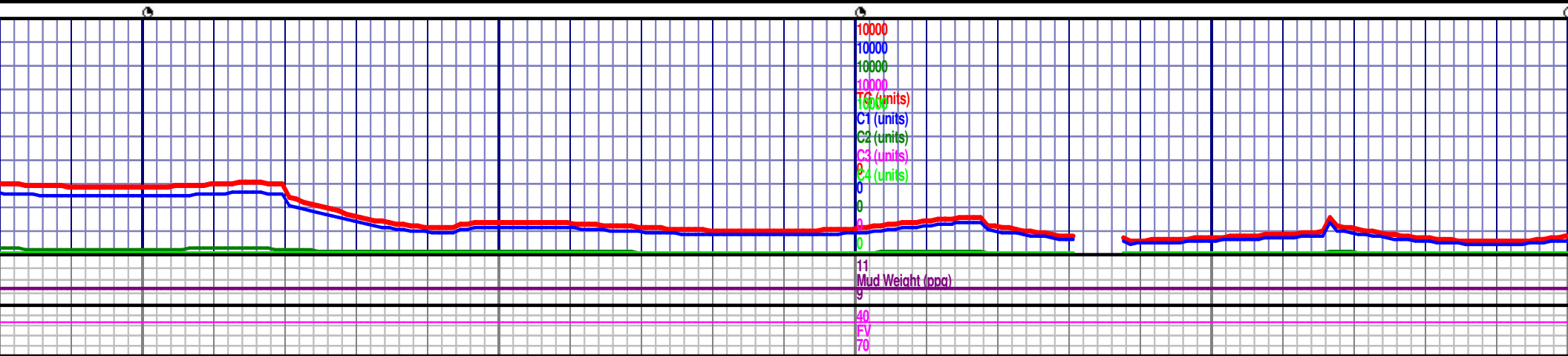
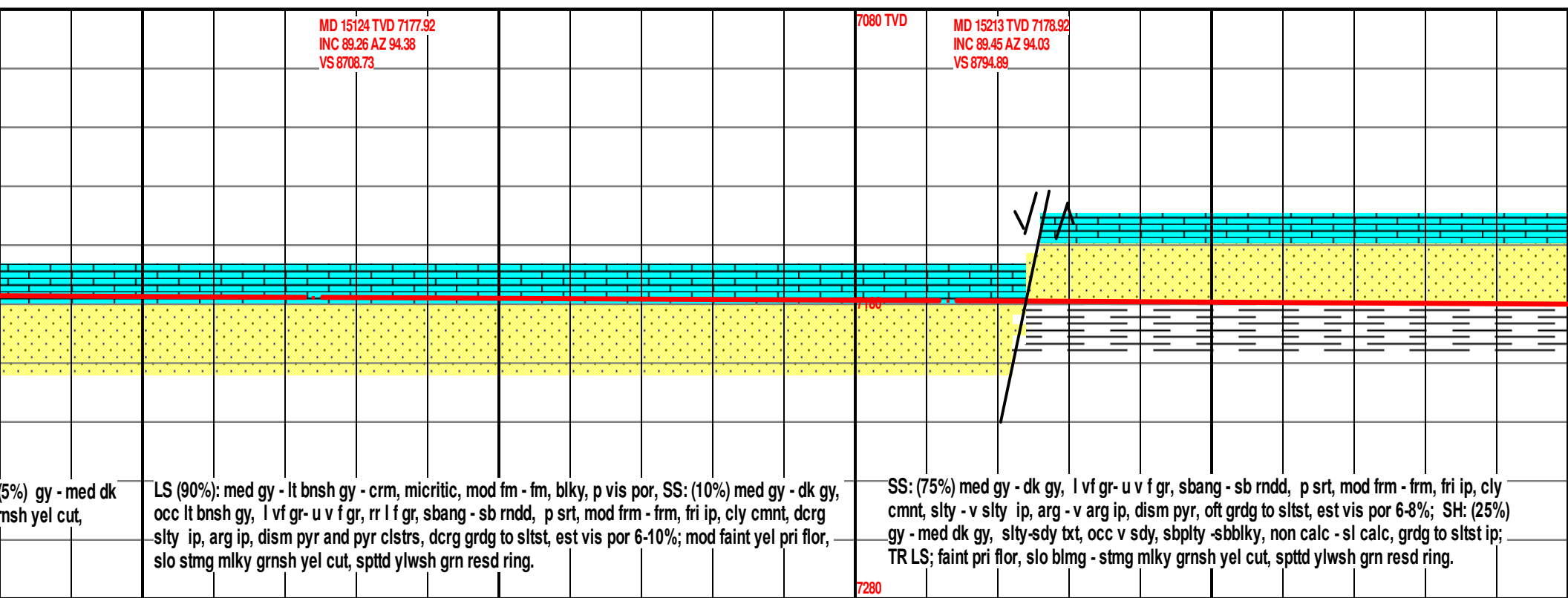
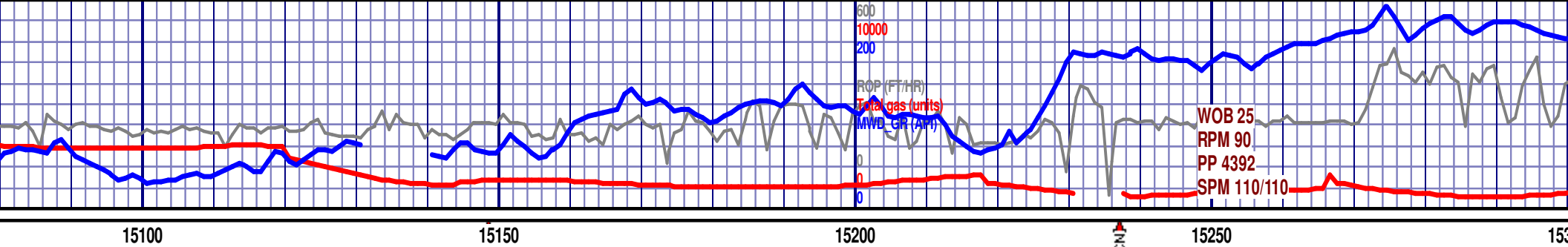


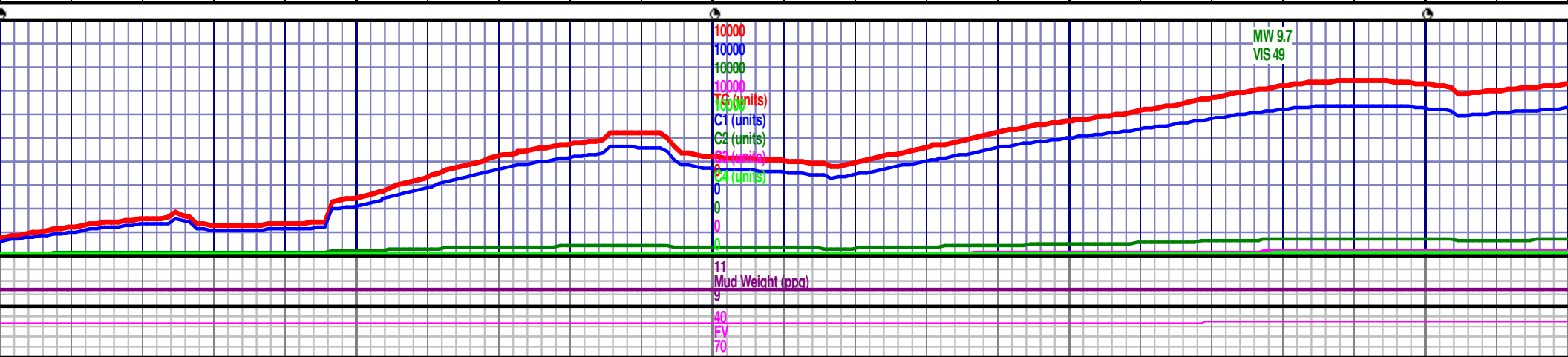
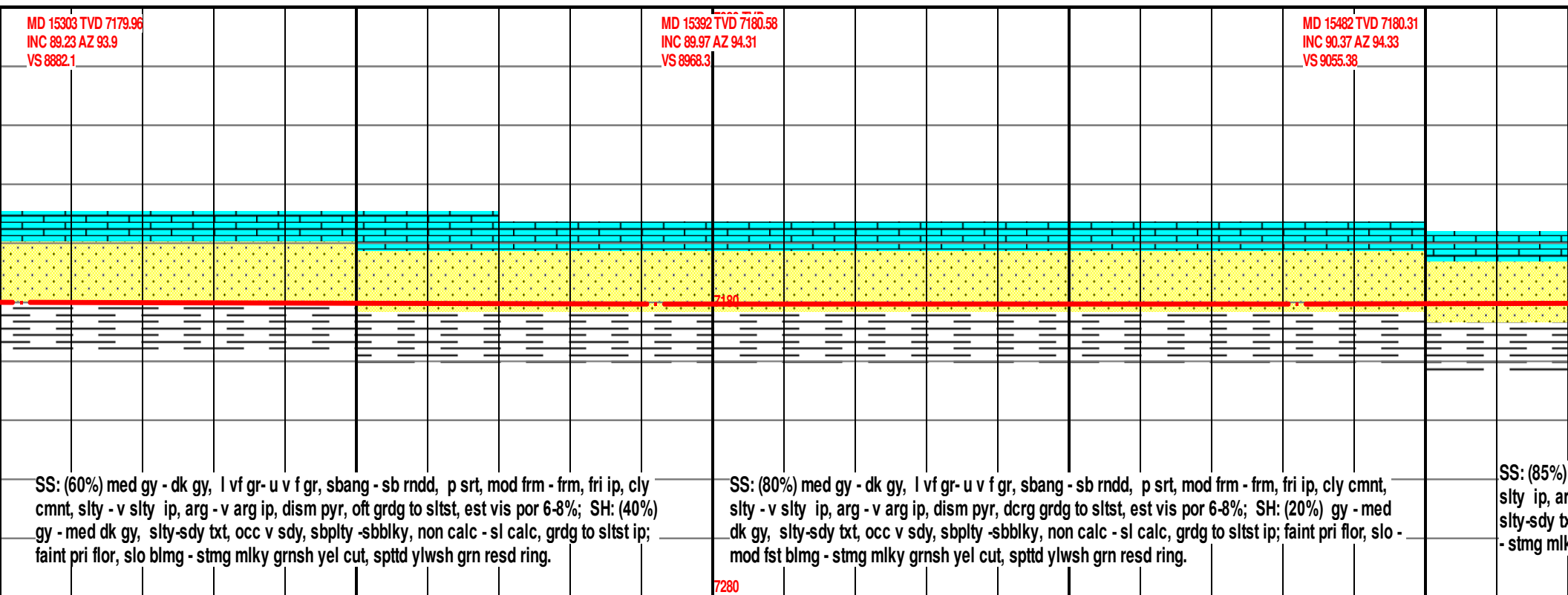
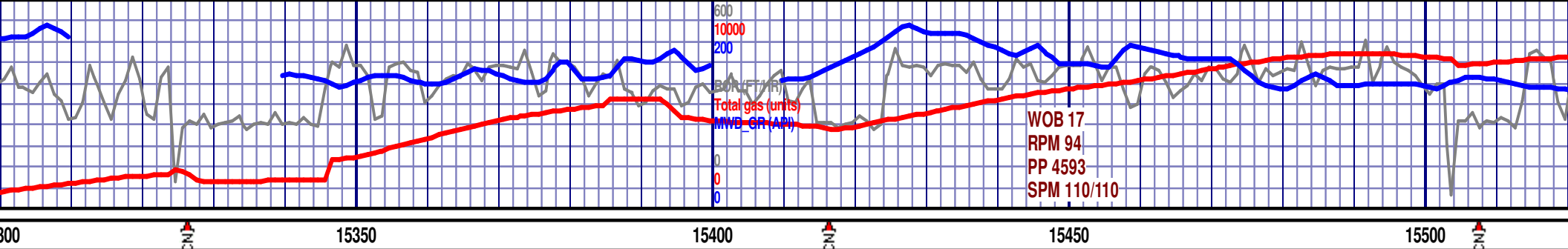
f gr, sbang - sb rndd, p srt, mod frm -
strs, dcrd grdg to sltst, est vis por
y, non calc - sl calc, grdg to sltst ip; TR
wsh grn resd ring.

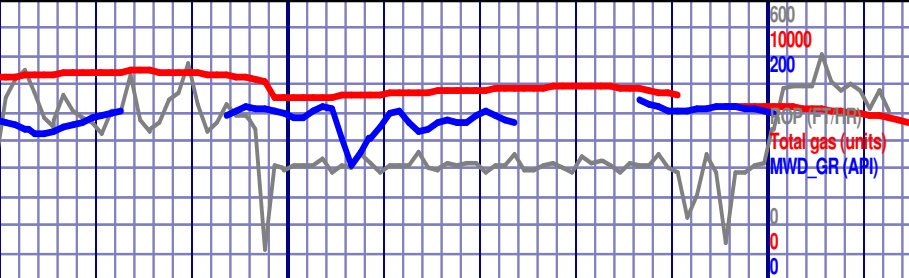
LS (90%): med gy - lt bnsh gy - crm, micritic, mod fm - fm, blkly, p vis por, SS: (10%) med
gy - dk gy, occ lt bnsh gy, l vf gr- u v f gr, rr l f gr, sbang - sb rndd, p srt, mod frm - frm, fri
ip, cly cmnt, dcrd slty ip, arg ip, dism pyr and pyr clstrs, dcrd grdg to sltst, est vis por
6-10%; mod faint yel pri flor, slo stmg mlky grnsh yel cut, spttd ylwsh grn resd ring.

LS (95%): med gy - lt bnsh gy - crm, micritic, mod fm - fm, blkly, p vis por, SH:
gy, slty-sdy txt, sbply -sbbly; SS: (tr); mod faint yel pri flor, slo stmg mlky grn
spttd ylwsh grn resd ring.









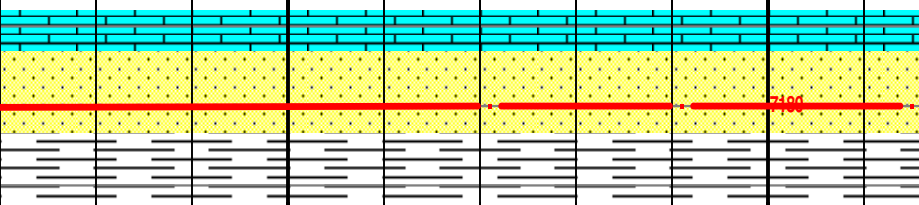
15550 15600 15650 15700

MD 15571 TVD 7180
INC 90.03 AZ 93.86
VS 9141.58

MD 15591 TVD 7179.97
INC 90.18 AZ 94.05
VS 9160.96

MD 15615 TVD 7179.89
INC 90.18 AZ 94.05
VS 9184.21

Final survey is a
projection to the bit.



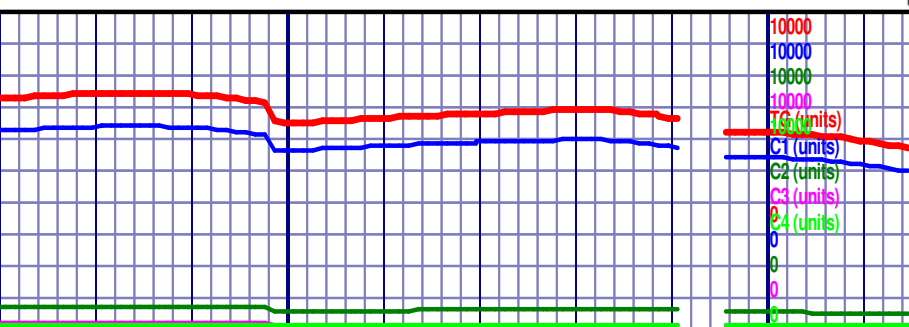
FORMATION TOPS

	MD	TVD	SSD
Sharon Springs	7026'	6791'	-2032'
Niobrara A Chalk	7066'	6824'	-2065'
Niobrara B Chalk	7241'	6962'	-2203'
Niobrara C Chalk	7342'	7027'	-2268'
K Marker	7450'	7084'	-2325'
Fort Hays	7563'	7124'	-2365'
Codell	7656'	7144'	-2385'
Target Heel	7740'	7150'	-2391'
Target Toe	15615'	7180'	-2421'

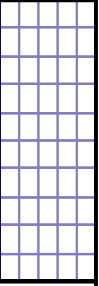
TD of 15,615' reached at 14:55 on
5/27/2017

med gy - dk gy, l vf gr - u v f gr, sbang - sb rndd, p srt, mod frm - frm, fri ip, cly cmnt, slty - v
g - v arg ip, dism pyr, dcrd grdg to sltst, est vis por 6-8%; SH: (15%) gy - med dk gy,
xt, occ v sdy, sbply -sbbly, non calc - sl calc, grdg to sltst ip; faint pri flor, slo - mod fstblmg
ky grnsh yel cut, spttd ylwsh grn resd ring.

7280



11
Mud Weight (ppg)
9
40
EV
70



15

