

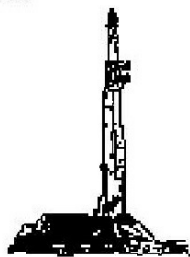
# **GOOLSBY BROTHERS** and associates, inc.

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



Geological Wellsite  
Supervision

[www.goolsbybrothers.com](http://www.goolsbybrothers.com)



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

Well Name: Troudt 1C-23-M

API: 051234624200

Location: NE/NW Section 27 T6N R66W Weld County, CO.

License Number:

Spud Date: August 13, 2018

Region: Wattenberg

Drilling Completed: August 16, 2018

Surface Coordinates: 760' FNL 1654' FWL NE/NW Sec. 27 T6N R66W

Lat/Long: 40.464592 N, -104.767423 W

Bottom Hole Planned: 1655' FSL 510' FEL NE/SE Sec. 23 T6N R66W

Coordinates:

Ground Elevation (ft): 4,720'

K.B. Elevation (ft): 4,744'

Logged Interval (ft): 7100' To: 15,540' Total Depth (ft): 15,540' DMTD

Formation: Codell Sand

Type of Drilling Fluid: OBM (LSND Surface).

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

## **OPERATOR**

Company: SRC Energy, Inc

Geologist: Nick Argis

Address: 1675 Broadway, Suite 2600  
Denver, Colorado 80202  
(720) 616-4300

## **GEOLOGIST**

Name: Tekabe Gedamu & Robin Brackman

Company: Goolsby Brothers & Assoc. (GBA), Inc. ([www.goolsbybrothers.com](http://www.goolsbybrothers.com))

Address: 575 Union Blvd. Suite 208,  
Lakewood CO. 80228  
Tel 303-618-7736

## **E-logs**

MWD GR from S.C. to 15,528' MD

## **Casing**

9 5/8" Surface Casing pre set @ 1,851' MD.

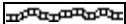

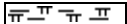





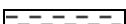




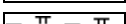

5 1/2" Production Liner set @ 15,528' on 08/18/2018.








































































## Comments

- 1) Drilling Contractor: Precision Drilling, Rig #562  
Pumps 1&2: Rostell F-1600 5" x 12" (.0692 Bbls./stroke)  
Toolpusher: John Martin Meyers, Tyson Westgard.
- 2) Company Man: Kent Priddy  
Kevin Brakovec  
Tim Jones  
Kalib Ford
- 3) Mud Comapny : Anchor USA  
Engineer: Joseph Wood, David Owen
- 4) Directional Drilling: Baker Hughes  
Drillers: Ryan Killian, Jeremiah Samson  
MWD: Shawn McCaffery, Baker Remote Field Operations.
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
- 6) Wellsite Geologist: Tekabe Gedamu & Robin Brackman

## ROCK TYPES

	Bent		Dol		Mrlst_sh (intbdd)		Carb sh
	Cht		Lmst		Shale		Ss
	Clyst		Chalk		Shgy		Sltst
	Oil sat.		Mrlst		Silty sh		

## ACCESSORIES

<b>MINERAL</b>			Marl		Cephal		Bent
	Anhy		Minxl		Coral		Dol
	Arggrn		Nodule		Crin		Ls
	Arg		Phos		Echin		Mrst
	Bent		Pyr		Fish		Sltstrg
	Bit		Salt		Foram		Ssstrg
	Brecfrag		Sandy		Fossil		
	Calc		Silt		Gastro	<b>TEXTURE</b>	
	Carb		Sil		Oolite		Boundst
	Chtdk		Sulphur		Ostra		Chalky
	Chtlt		Tuff		Pelec		Cryxln
	Dol				Pellet		Earthy
	Feldspar	<b>FOSSIL</b>			Pisolite		Finexln
	Ferrpel		Algae		Plant		Grainst
	Ferr		Amph		Strom		Lithogr
	Glau		Belm	<b>STRINGER</b>			Microxln
	Gyp		Bioclst		Chlkstg		Mudst
	Hvymin		Brach		Arg		Packst
	Kaol		Bryozoa				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

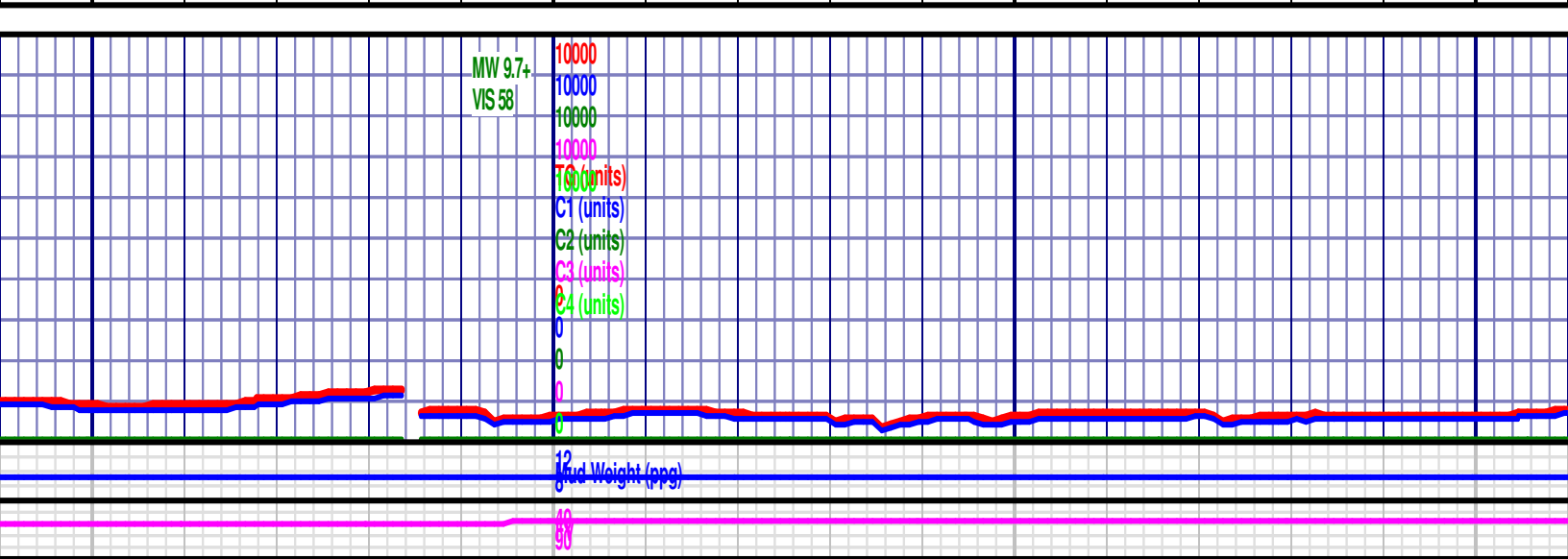
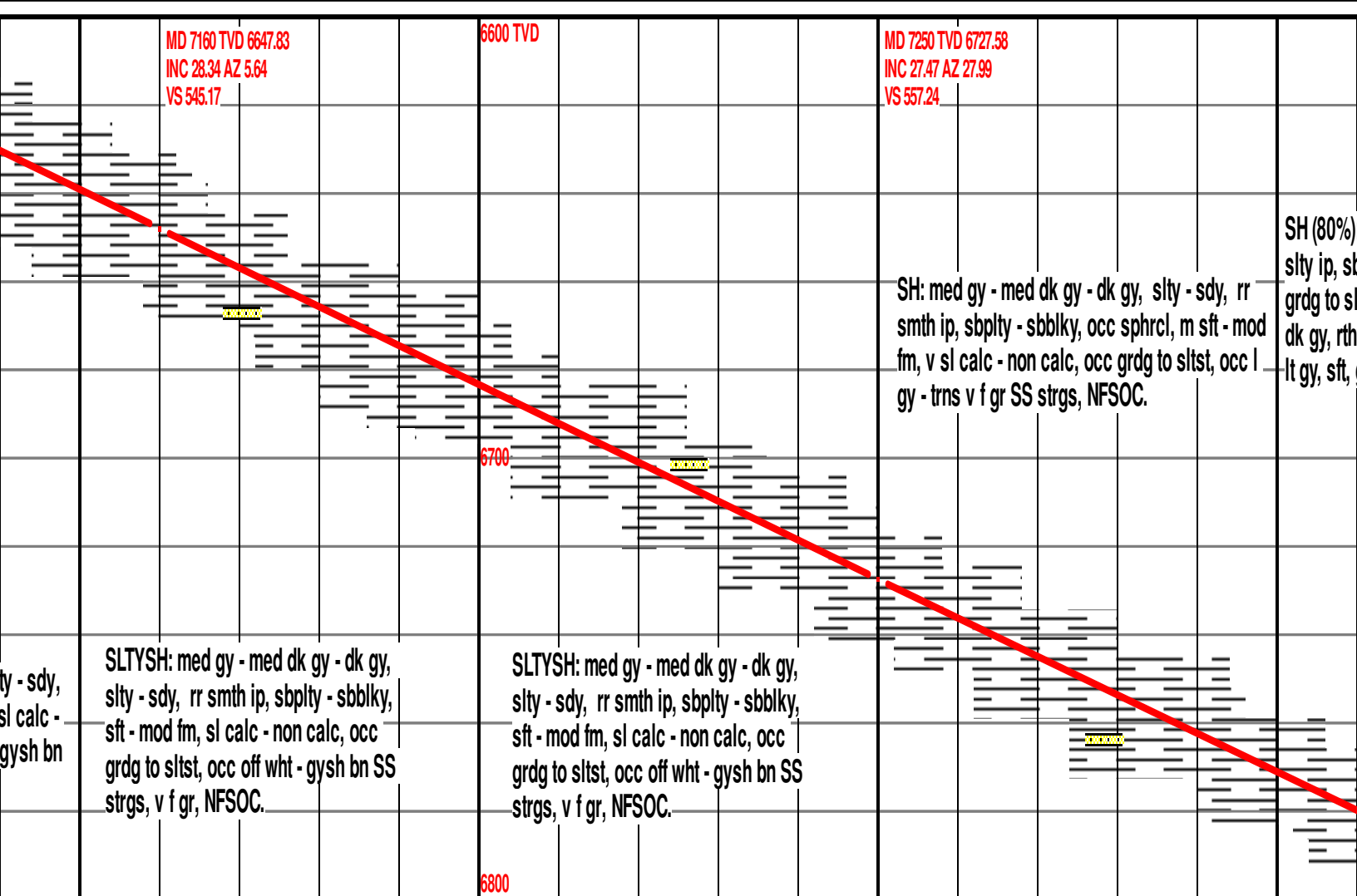
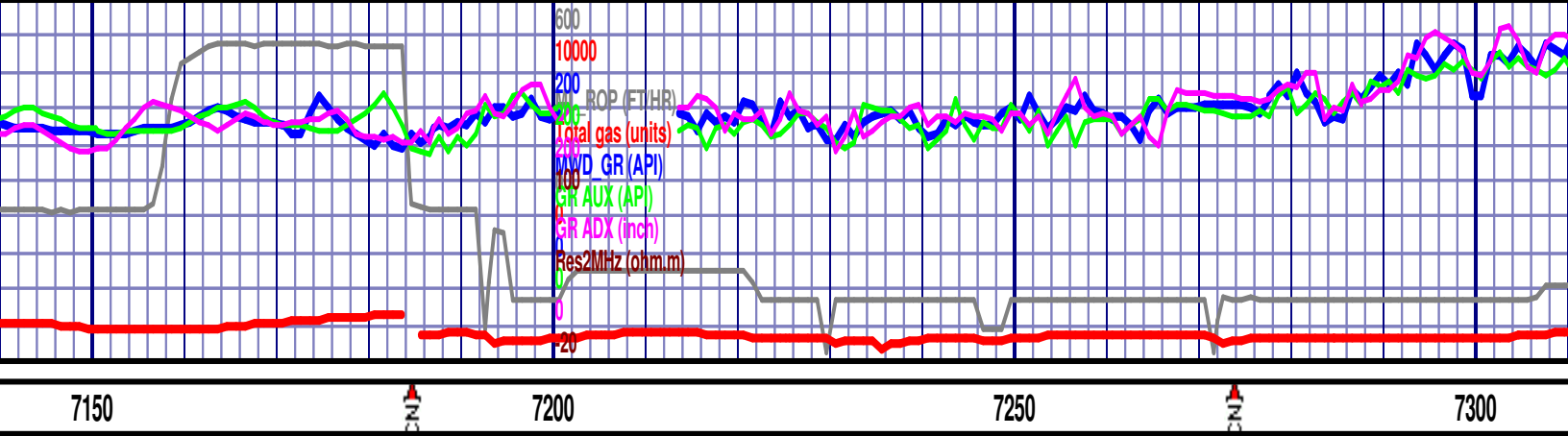
- Angular

- SORTING
- Well
  - Moderate
  - Poor

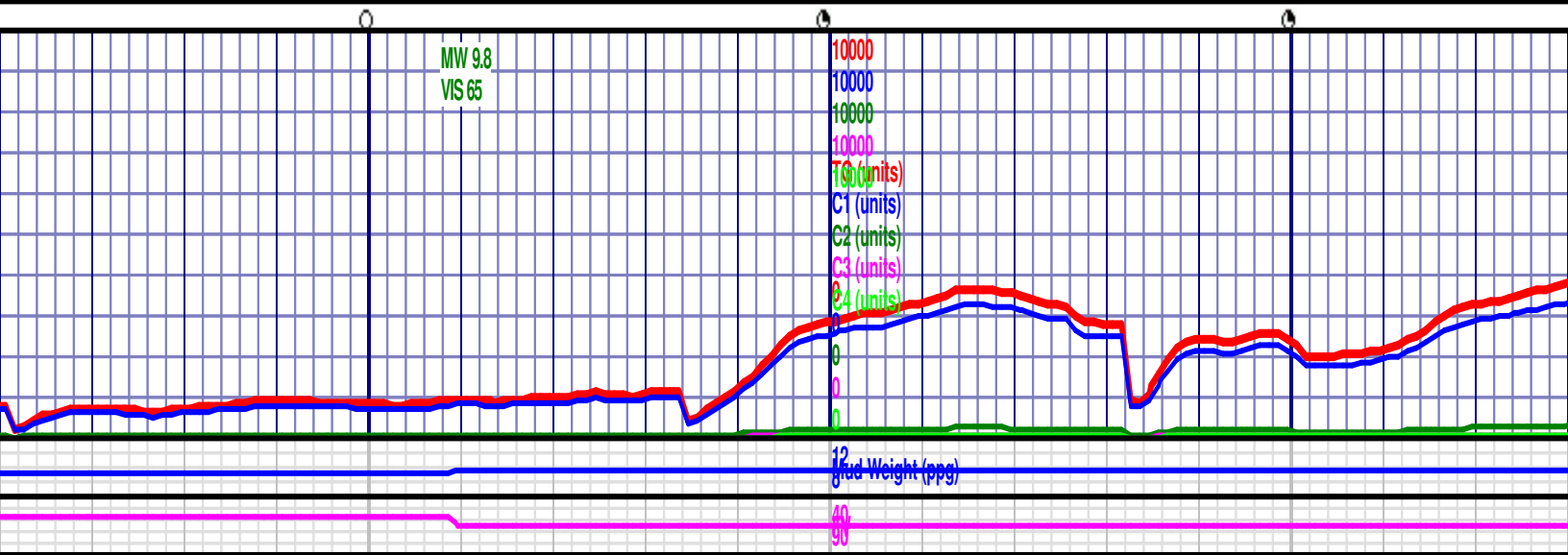
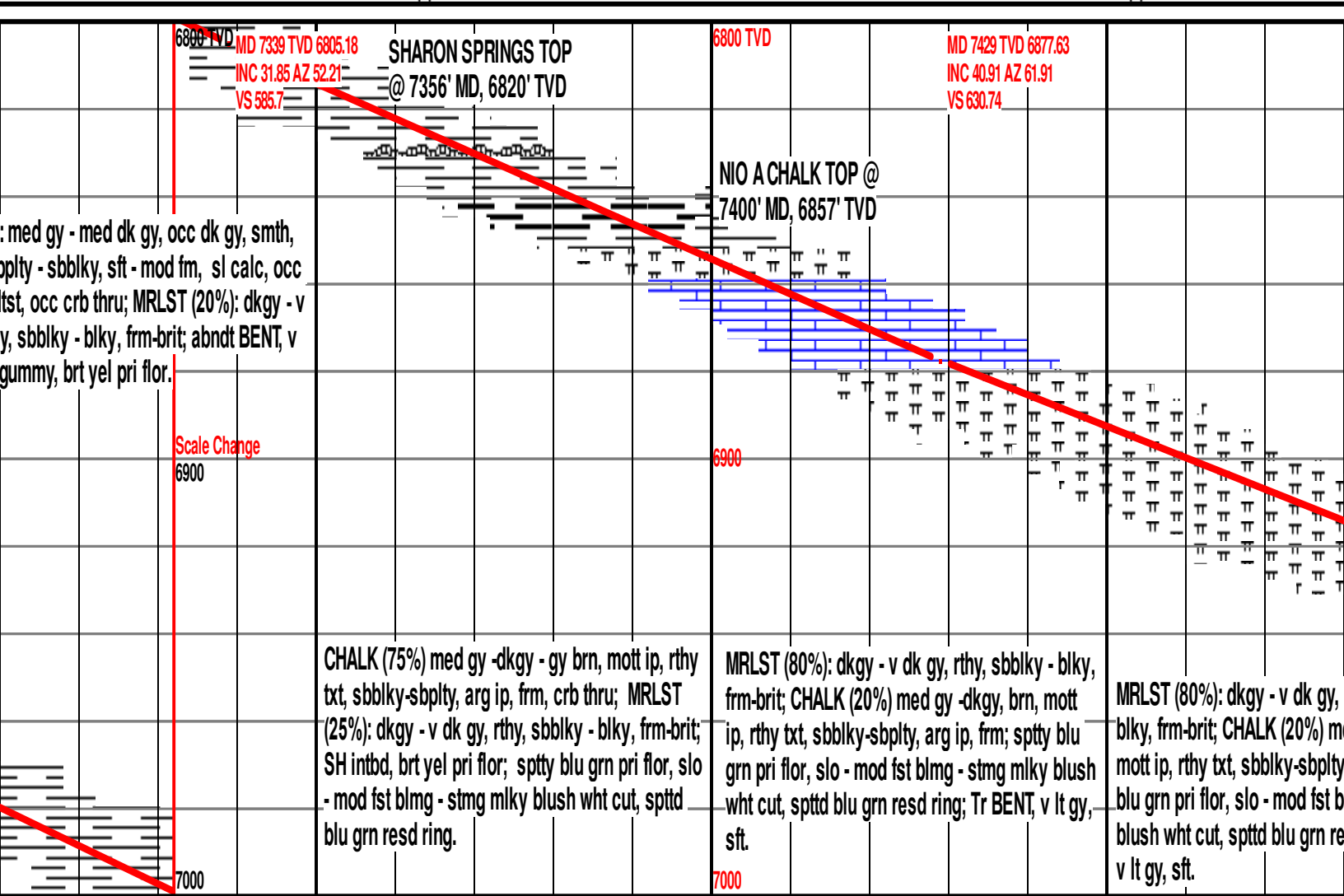




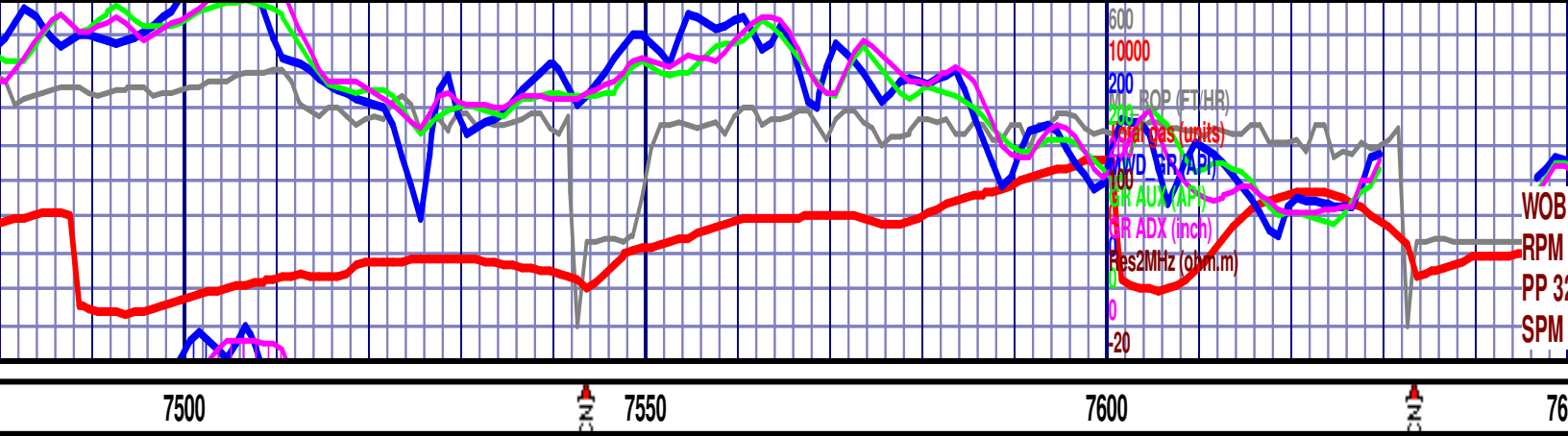












MD 7518 TVD 6940.9  
 INC 48.4 AZ 65.74  
 VS 687.01

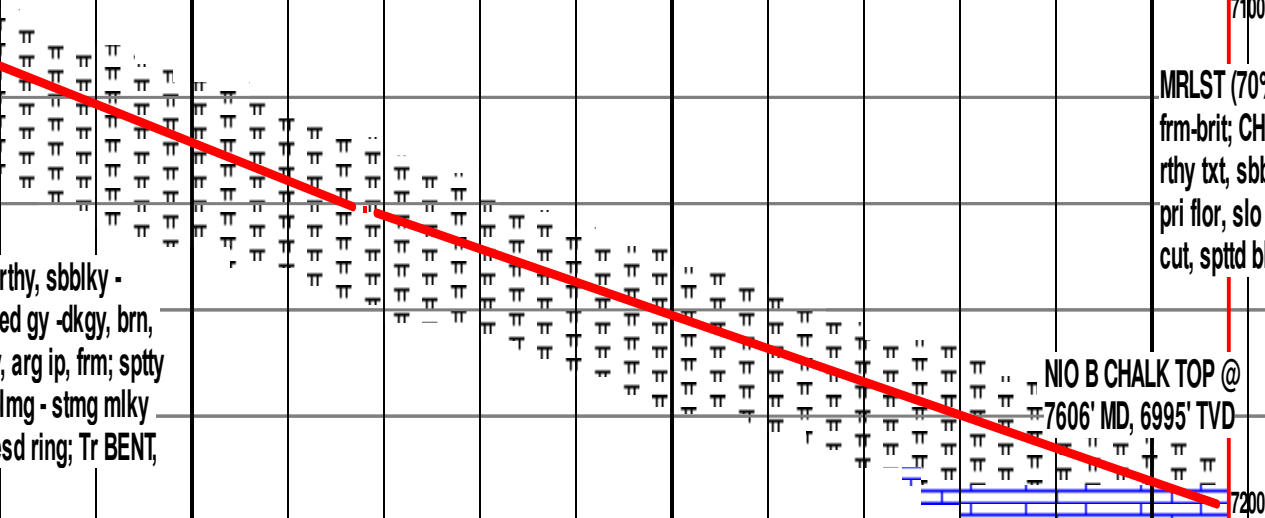
MD 7608 TVD 6996.86  
 INC 54.69 AZ 69.02  
 VS 752.18

MRLST (75%): dkgy - v dk gy, rthy, sbblky - blk, frm-brit; CHALK (25%) med gy -dkgy, brn, mott ip, rthy txt, sbblky-sbplty, arg ip, frm; sptty blu grn pri flor, slo - mod fst blmg - stmg mlky blush wht cut, spttd blu grn resd ring; Tr BENT, v lt gy, sft.

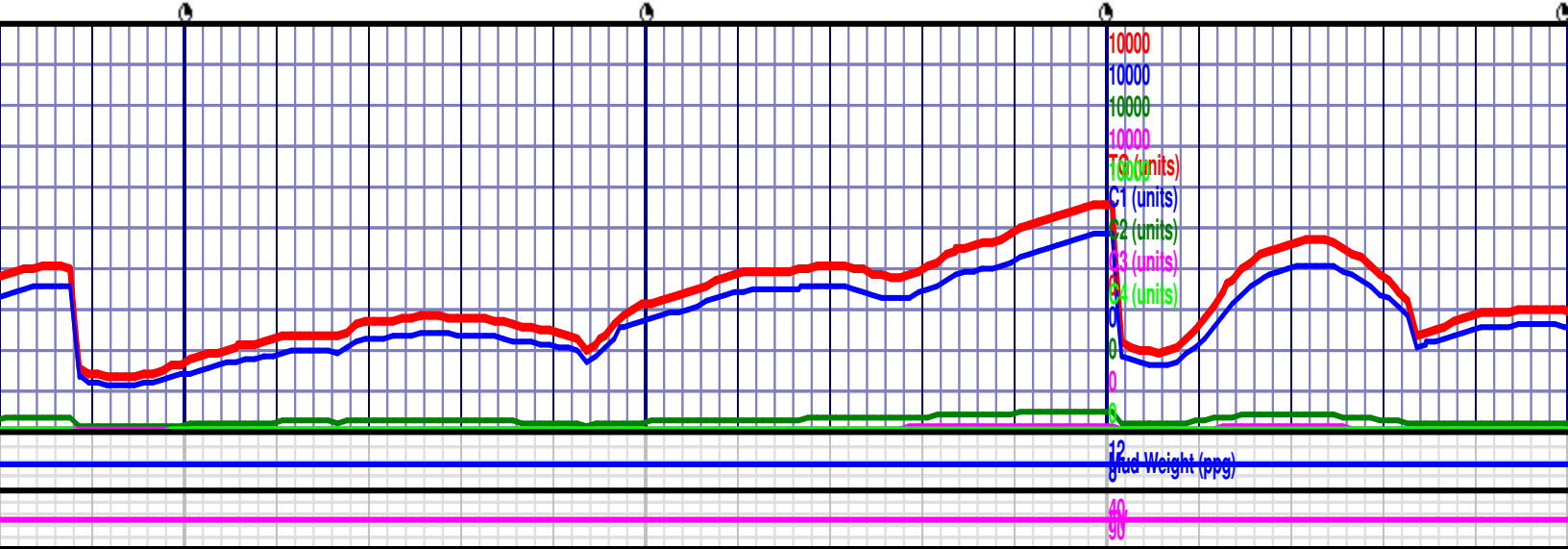
CHALK (75%) med gy -dkgy, brn, lt tn mott ip, rthy txt, sbblky-sbplty, arg ip, frm, Tr pyr cls; MRLST (25%): dkgy - v dk gy, rthy, sbblky - blk, frm-brit; sptty blu grn pri flor, mod fst blmg - stmg mlky blush wht cut, spttd blu grn resd ring.

MRLST (70%): dkgy - v dk gy, rthy, sbblky - blk, frm-brit; CHALK (30%) med gy -dkgy, brn, mott ip, rthy txt, sbblky-sbplty, arg ip, frm; sptty blu grn pri flor, slo - mod fst blmg - stmg mlky blush wht cut, spttd blu grn resd ring, SH intbd.

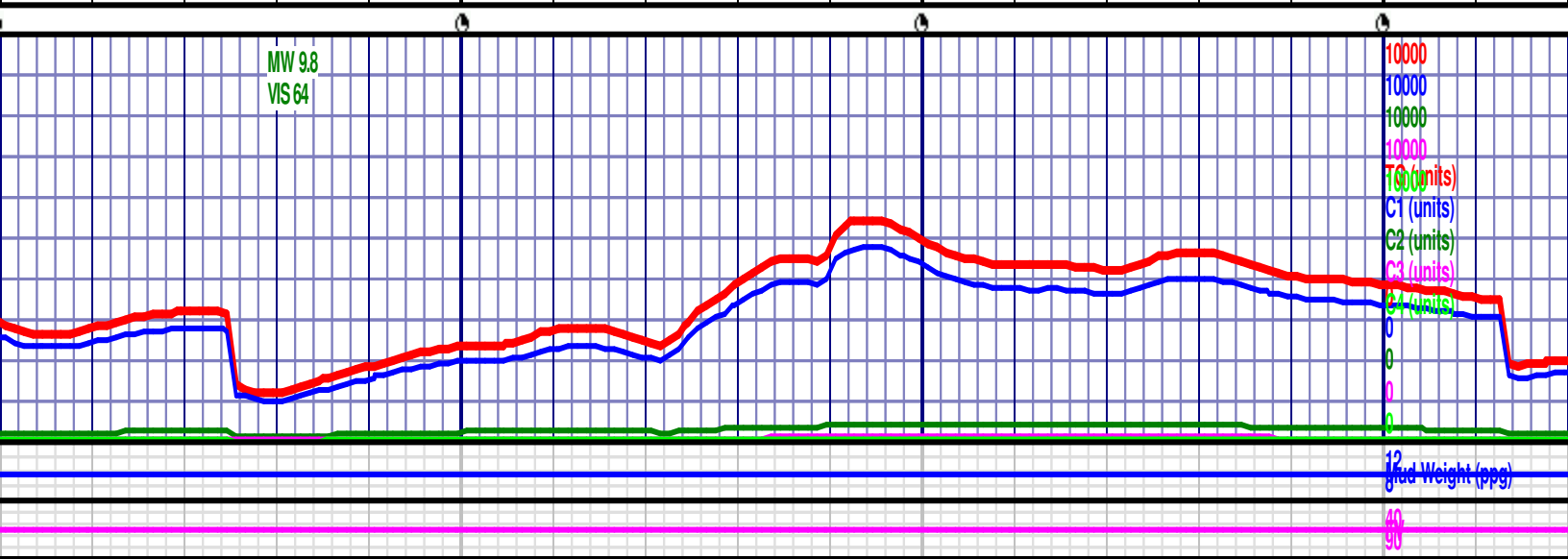
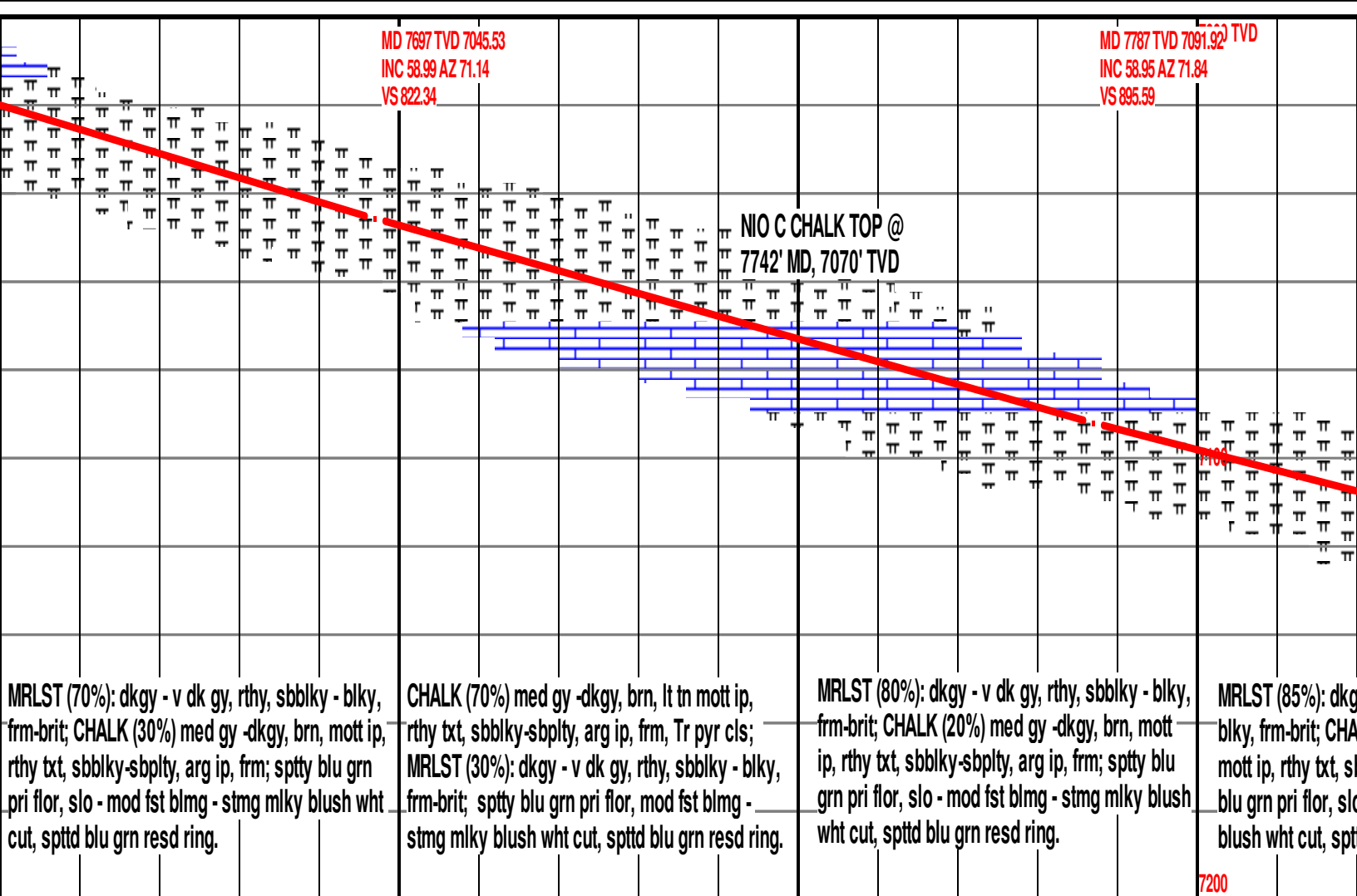
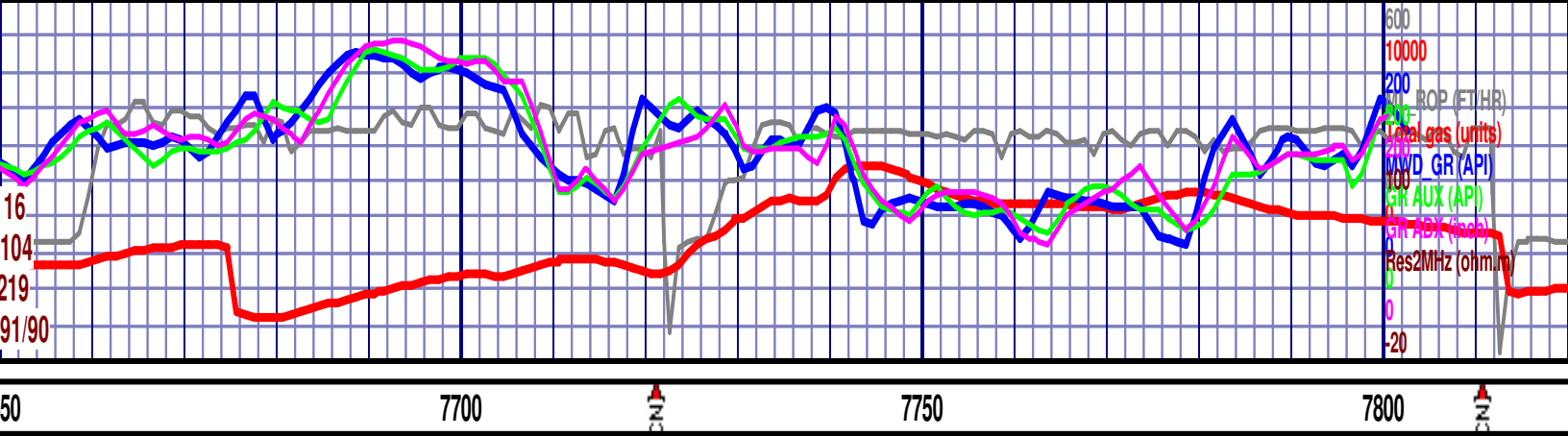
NIO B CHALK TOP @  
 7606' MD, 6995' TVD



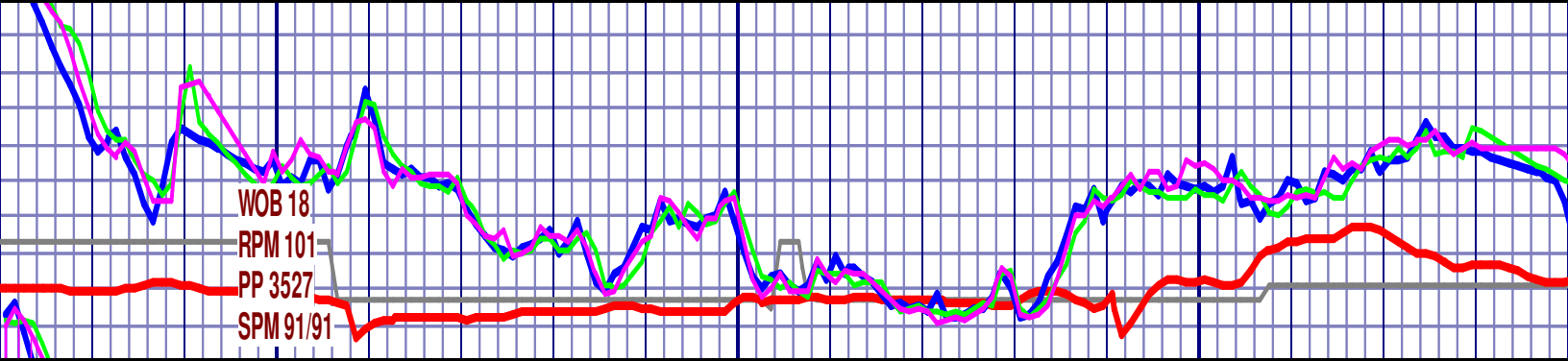
rthy, sbblky -  
 ed gy -dkgy, brn,  
 , arg ip, frm; sptty  
 lmg - stmg mlky  
 sd ring; Tr BENT,











7850

7900

7950

MD 7876 TVD 7133.95  
INC 64.68 AZ 75.5  
VS 970.95

MD 7966 TVD 7165.13  
INC 74.77 AZ 82.06  
VS 1053.7

LS (90%): crm, occ med dk gy - med gy, micritic, mod fm, blk - sb pty, rr fsl frgs, p vis por; MRLST (10%): dkgy - v dk gy, rthy, sbblk - blk, frm-brit; SH (10%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - pty; spty blu grn pri flor, mod fst blmg - stmg mlky blush wht cut, spttd blu grn resd ring.

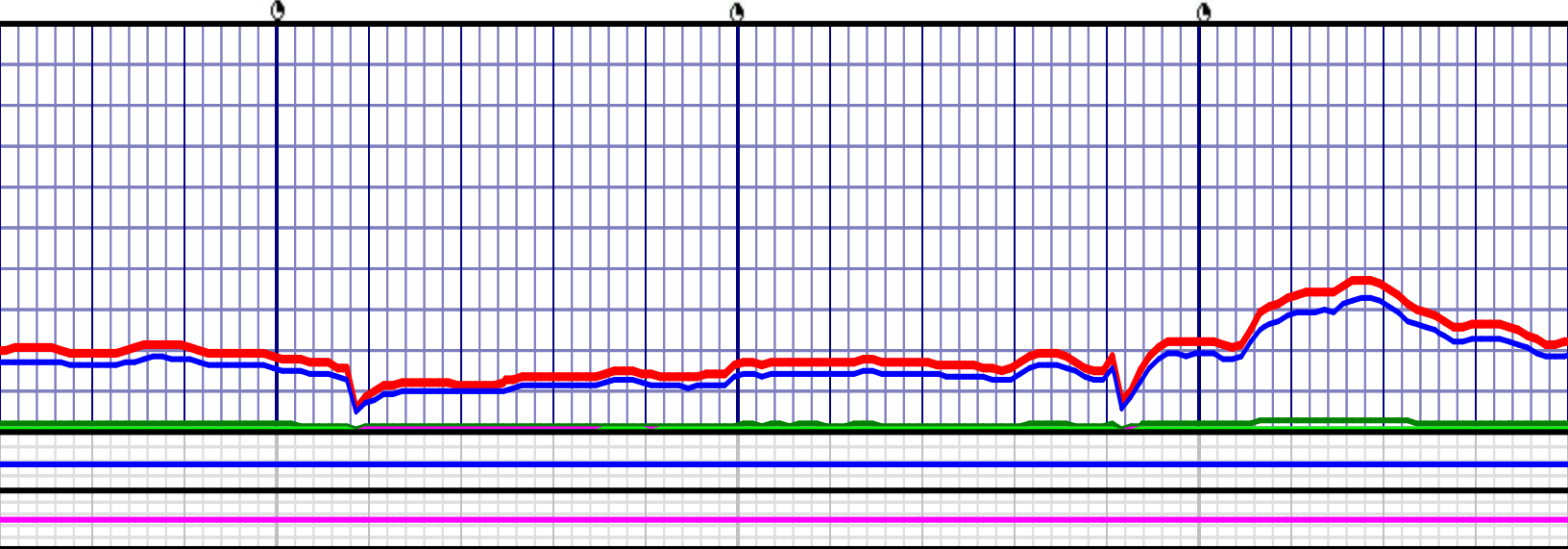
(80%): SS: med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblk, fnt spty yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring. LS (80%): crm, occ med dk gy - med gy, micritic, mod fm, blk - sb pty, p vis por.

SS: (85%) med gy - dk gy, occ lt gysh br f gr, occ med gr, sbang - sb rdd, mod - mod fm, fri ip, sl calc, crm cly cmnt, do sm cal cmnt, slty ip, arg ip; SH (15%): med dk gy, slty - sdy, rr smth ip, sbply - fnt spty yel grn pri flor, slo blmg - stmg blush wht cut, v spttd grnsh blu resd ring.

FORT HAYS TOP @  
7870' MD, 7132' TVD

Codell Sand TOP @ 7935'  
MD, 7155' TVD

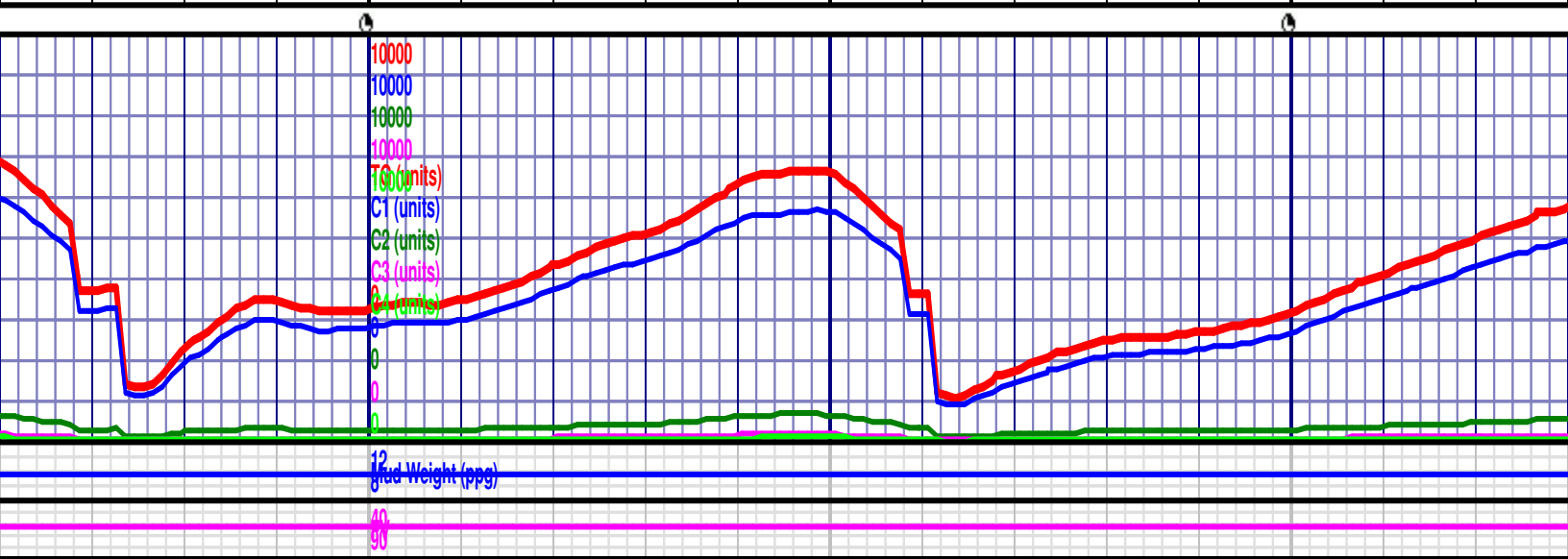
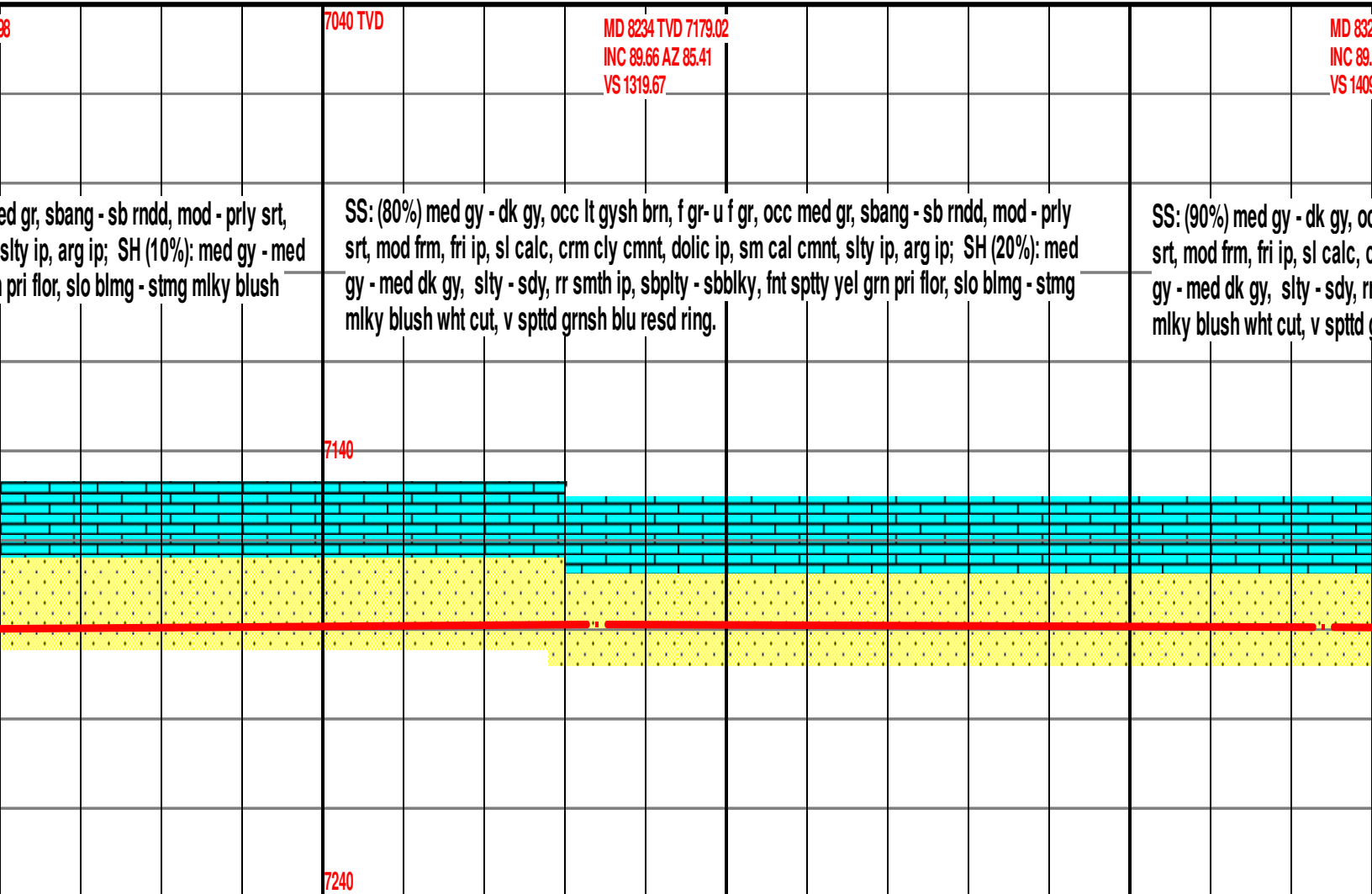
gy - v dk gy, rthy, sbblk -  
LK (15%) med gy - dkgy, brn,  
bbly-sbply, arg ip, frm; spty  
- mod fst blmg - stmg mlky  
td blu grn resd ring.



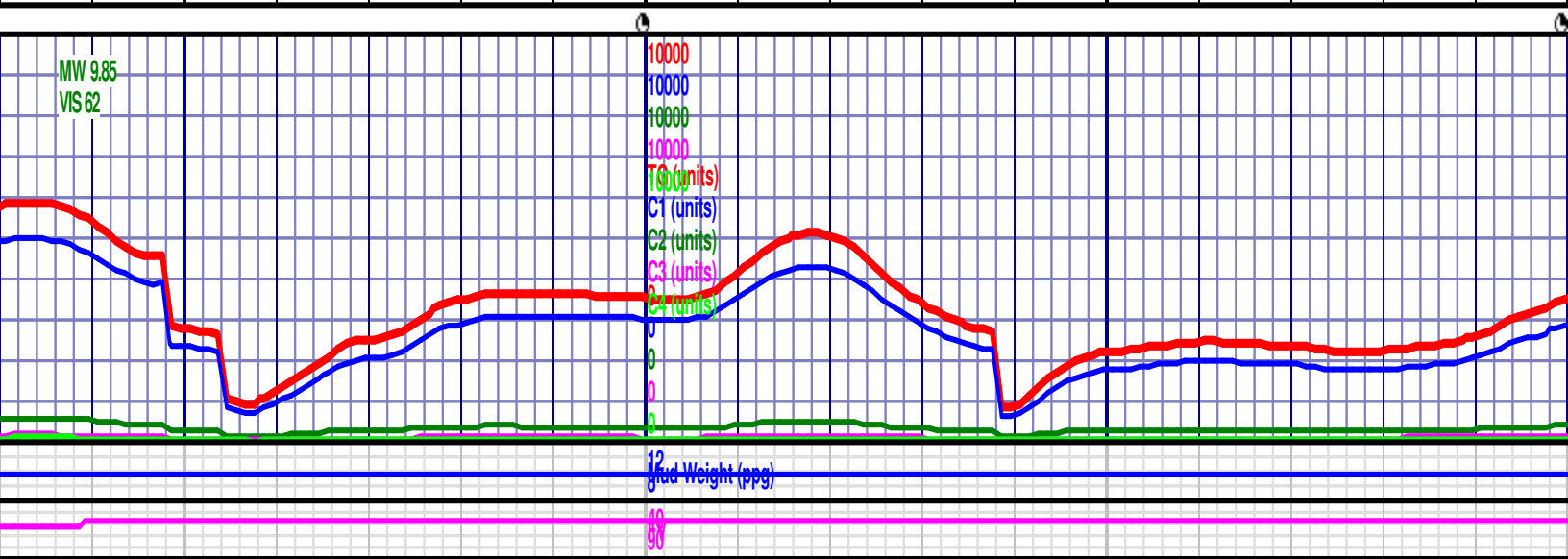
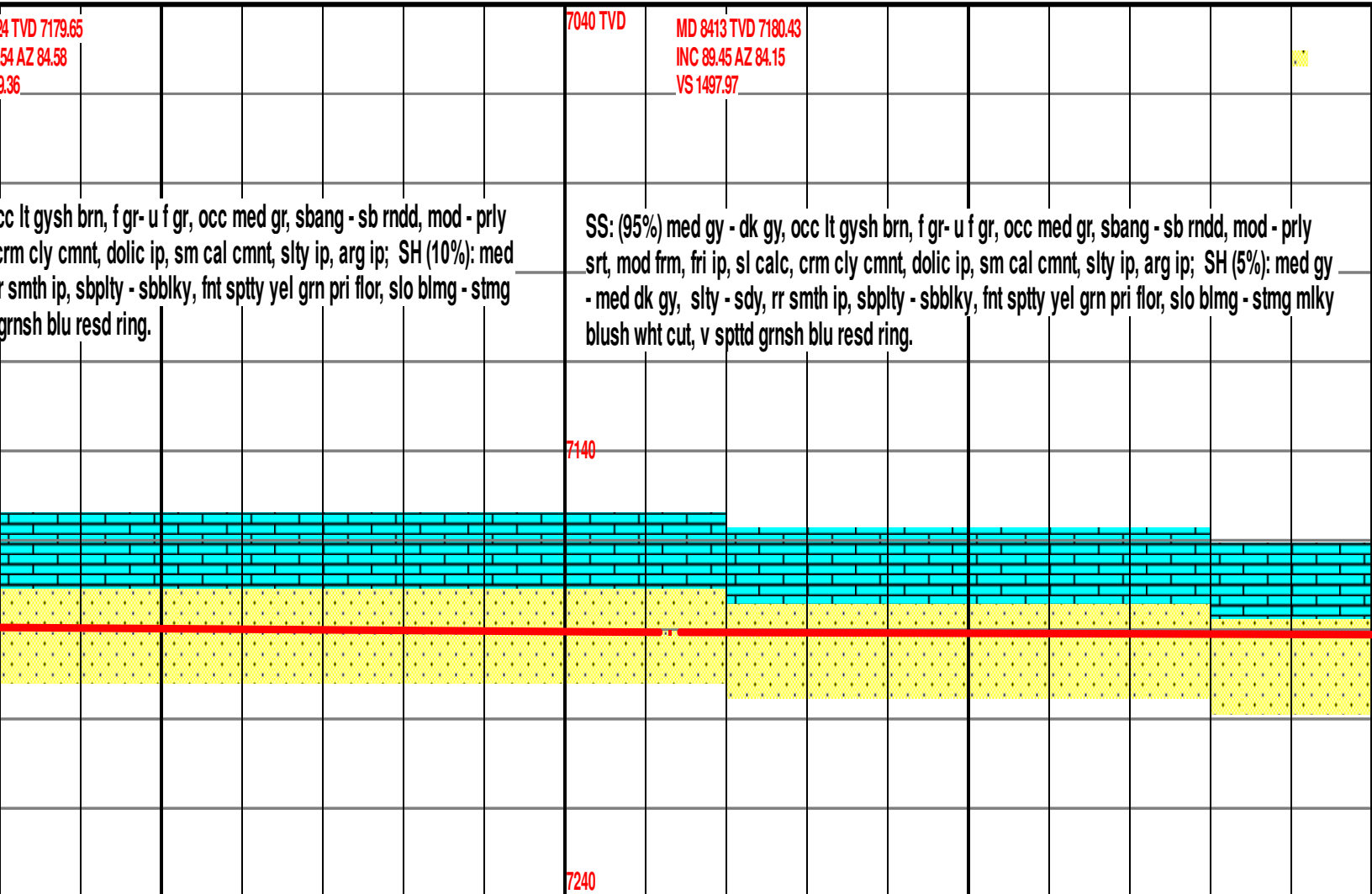




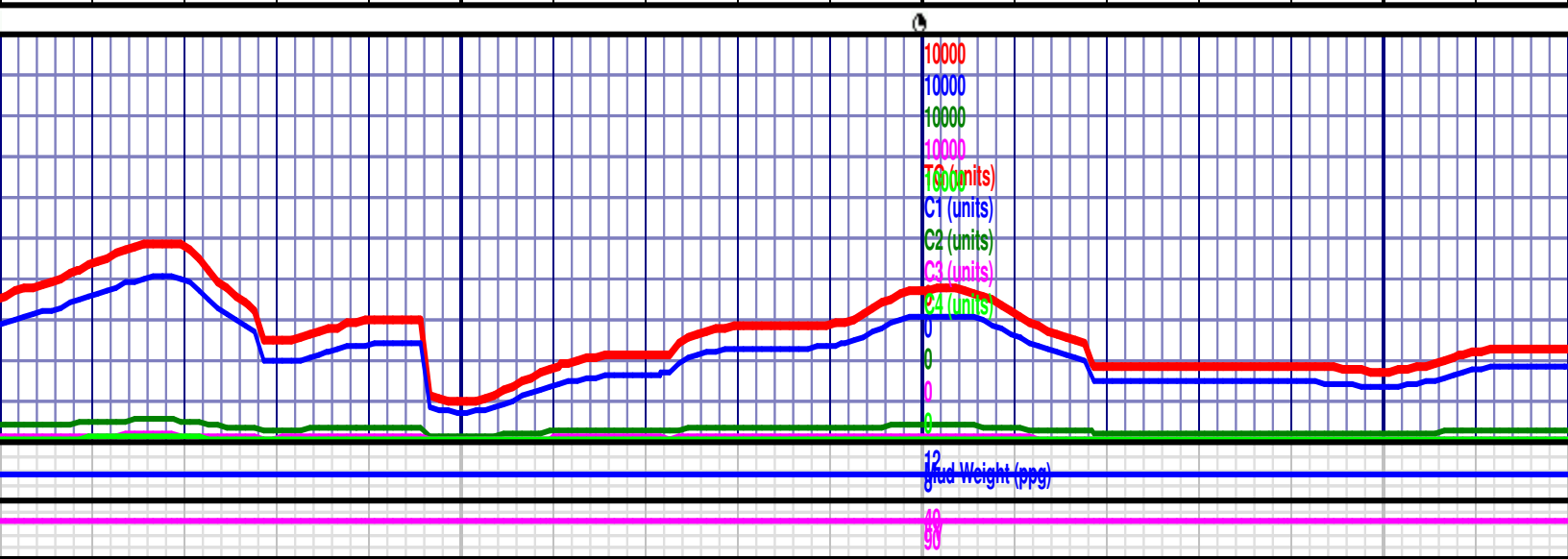
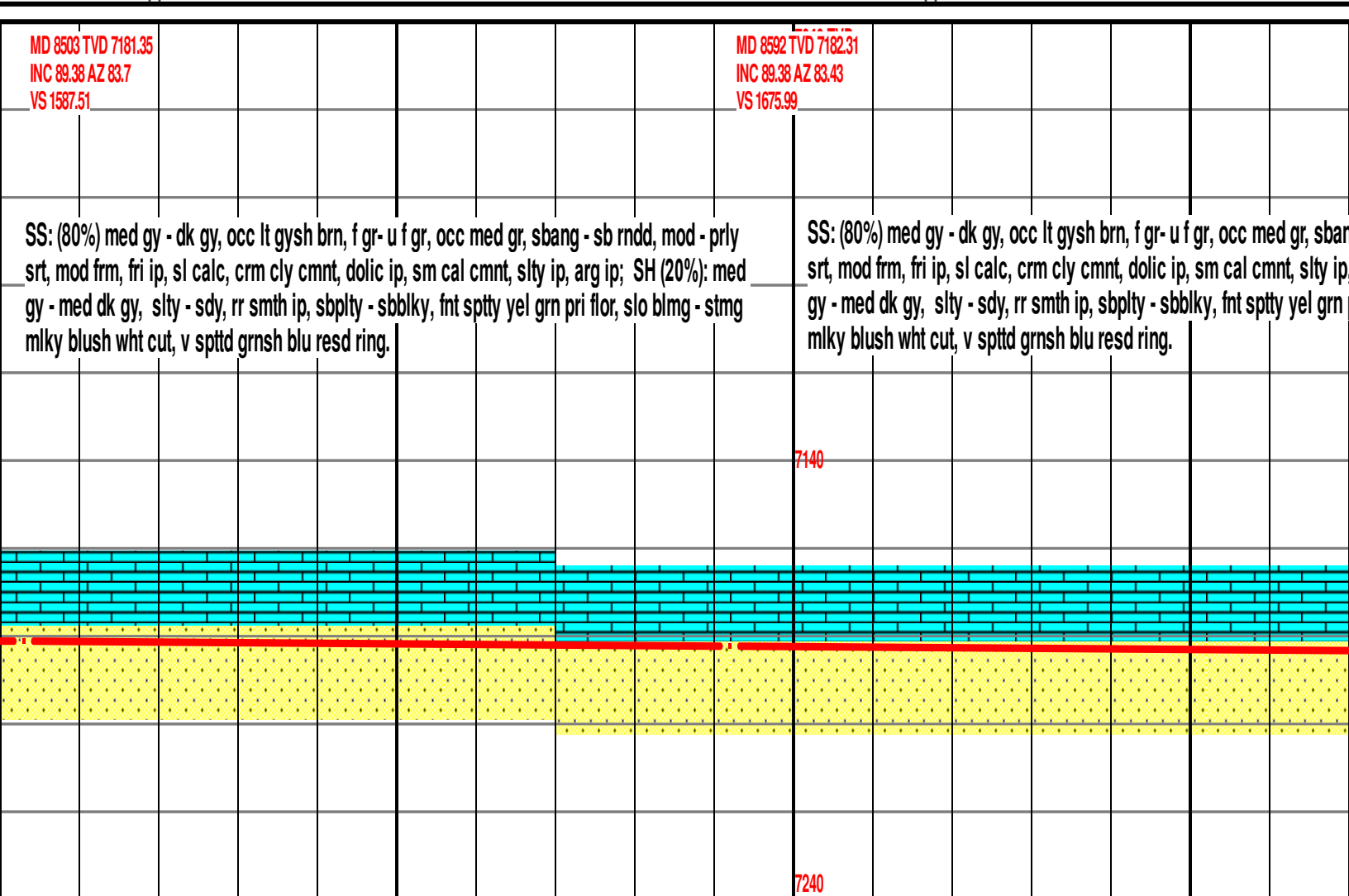




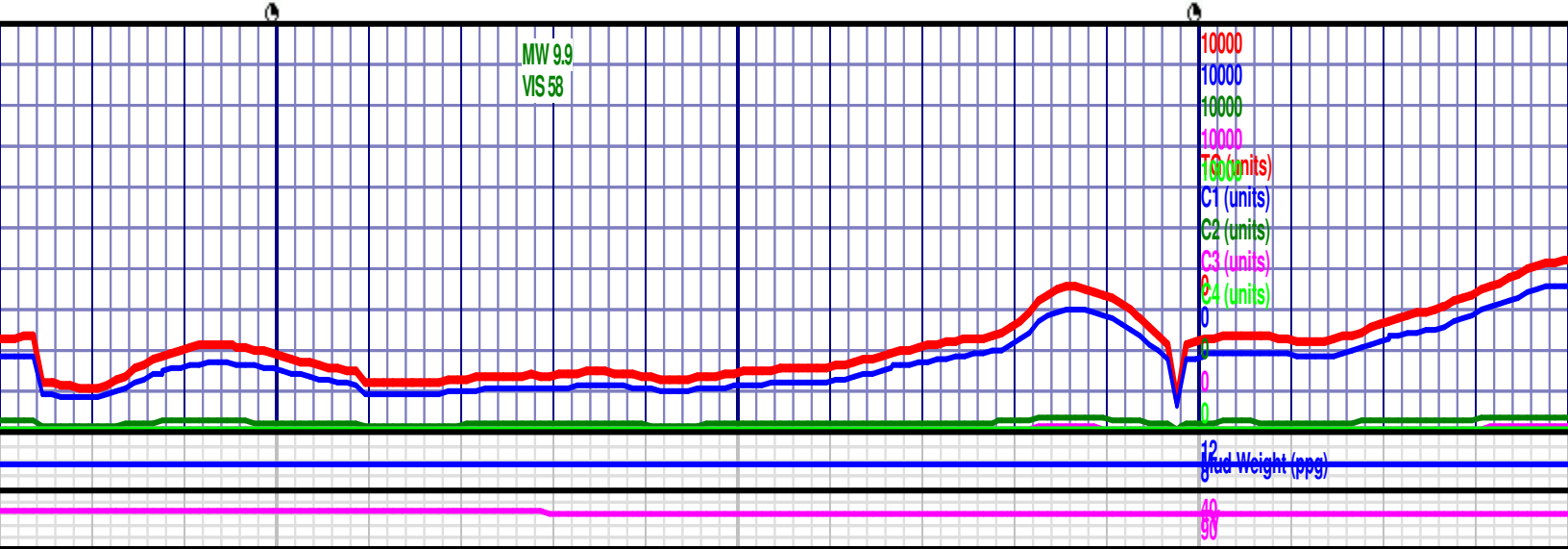
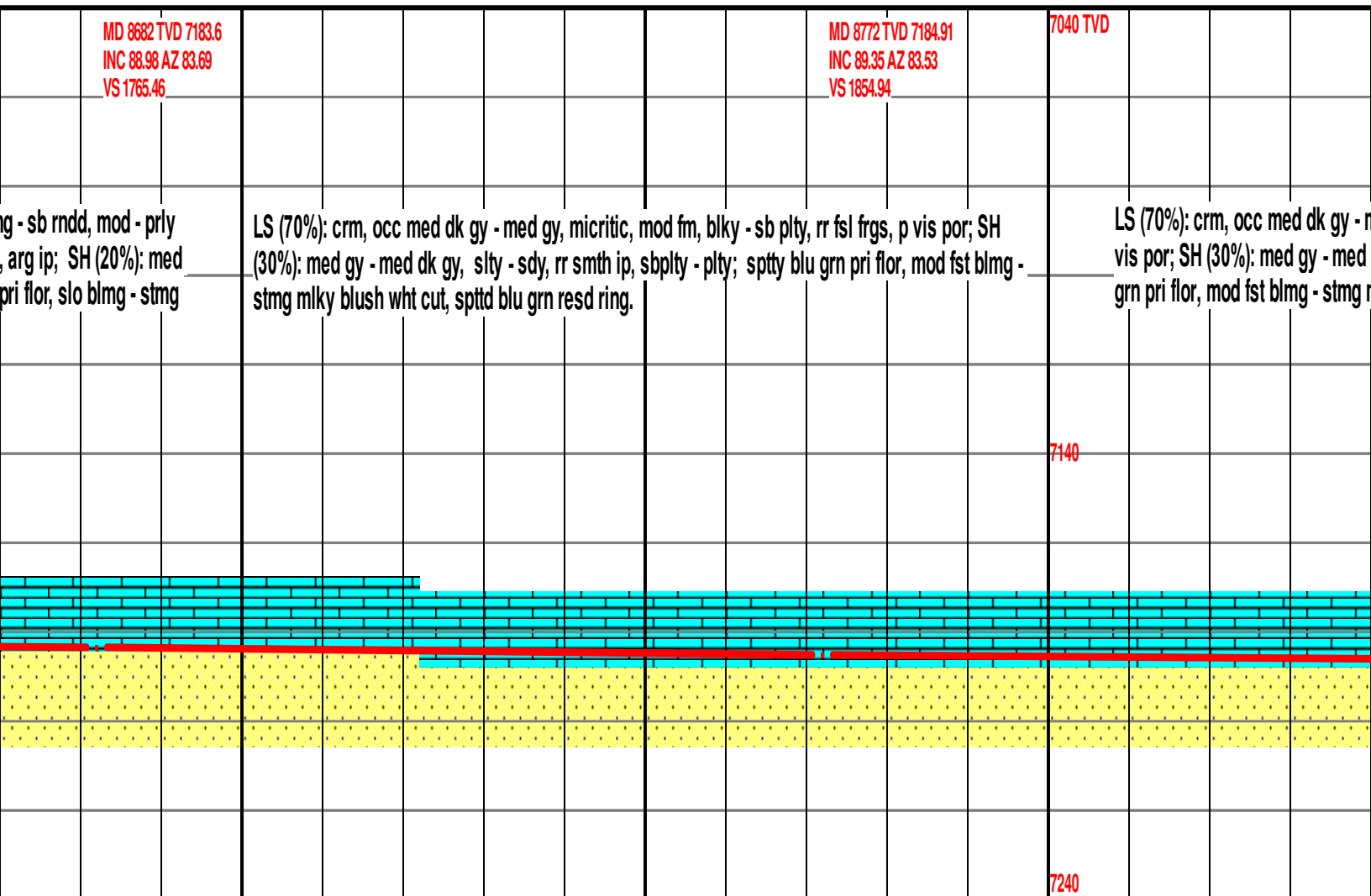
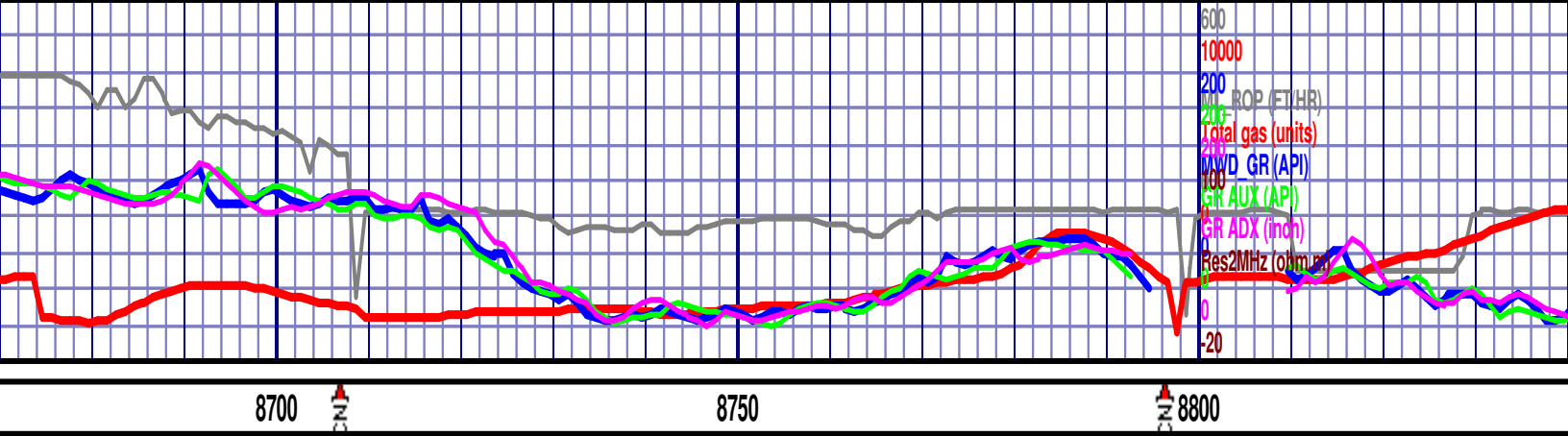




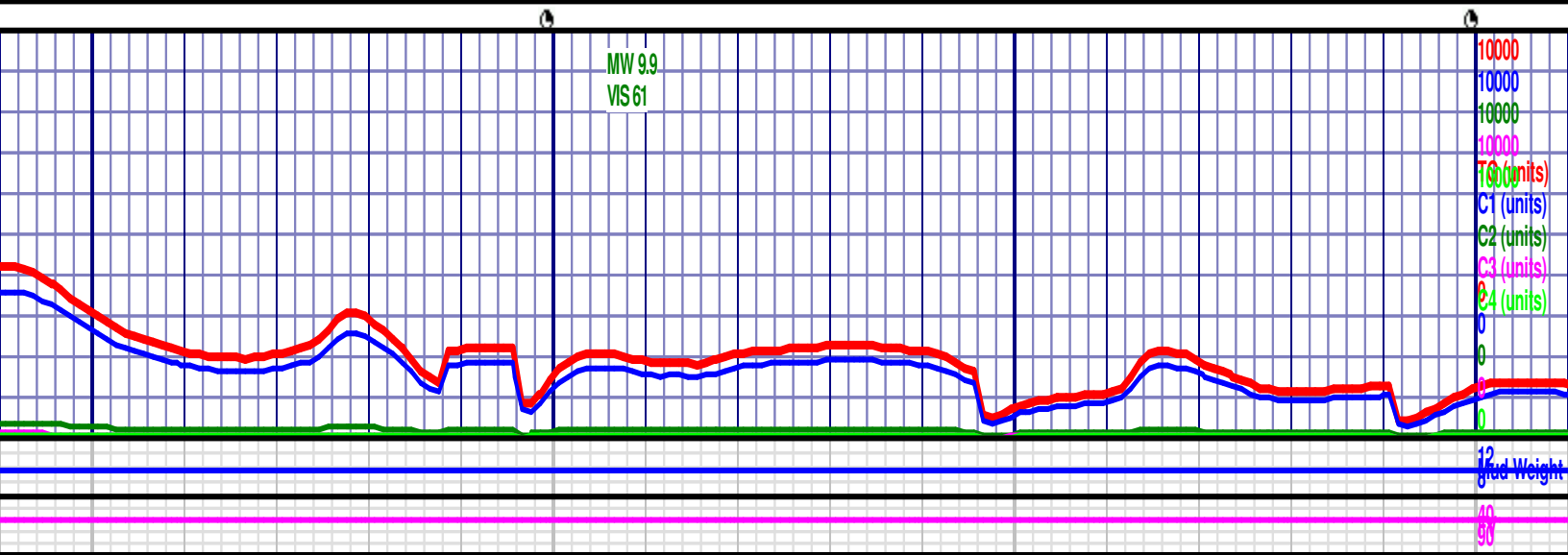
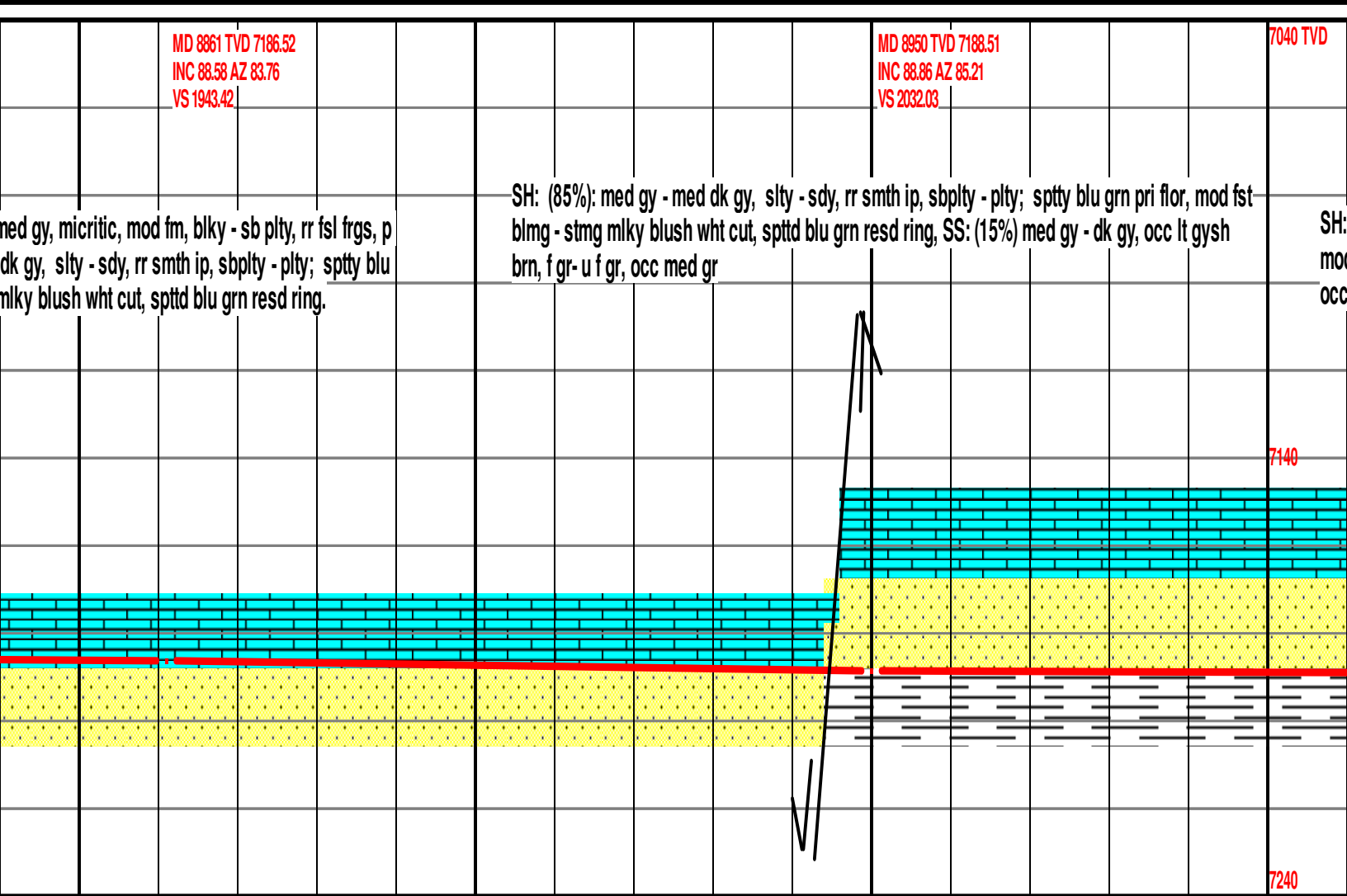




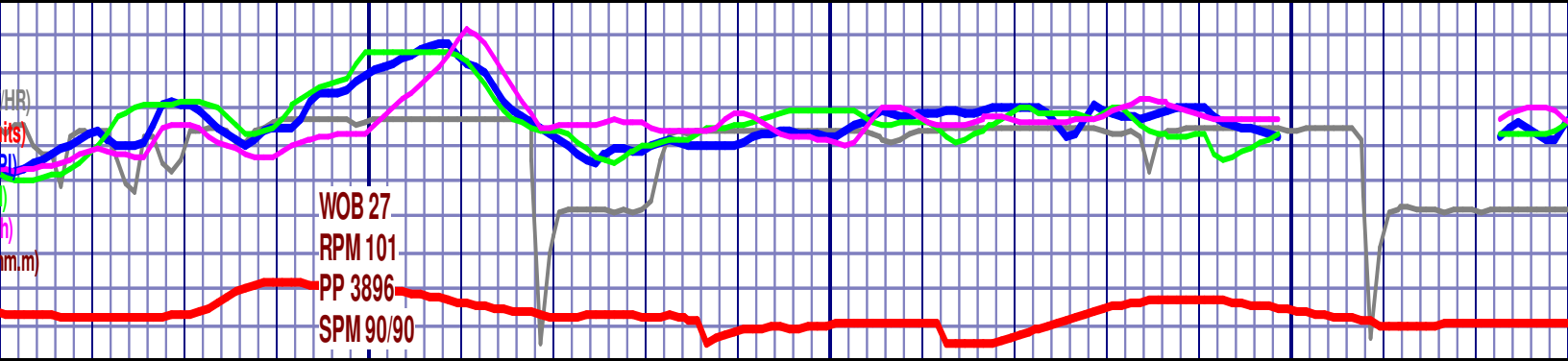












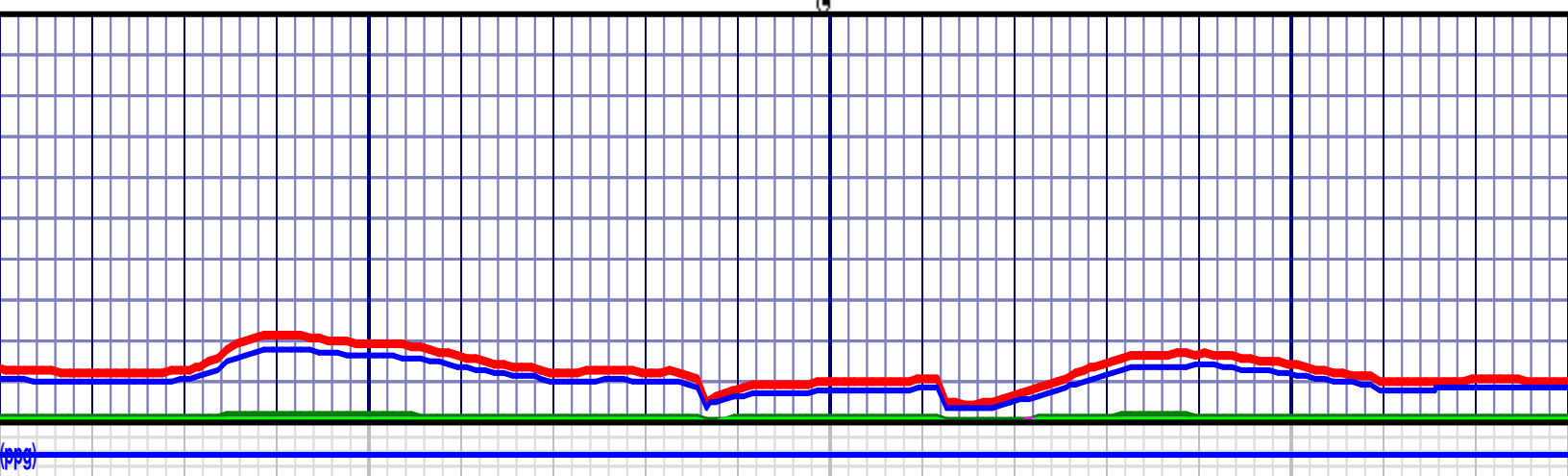
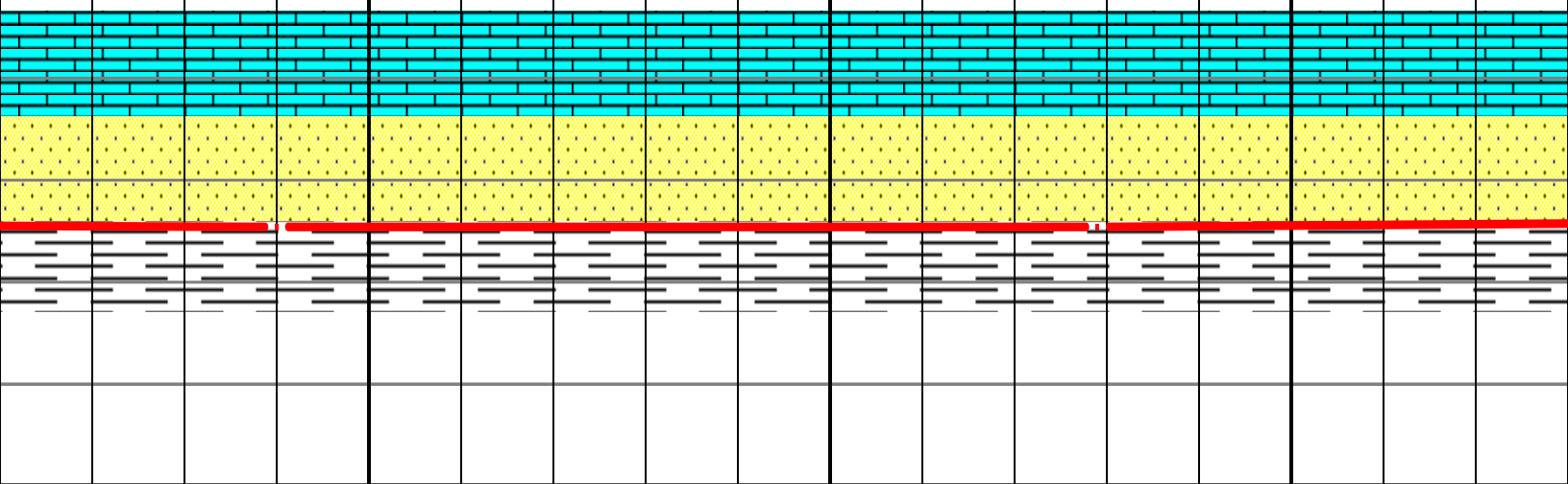
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MD 9040 TVD 7189.38  
INC 90.03 AZ 87.34  
VS 2121.85

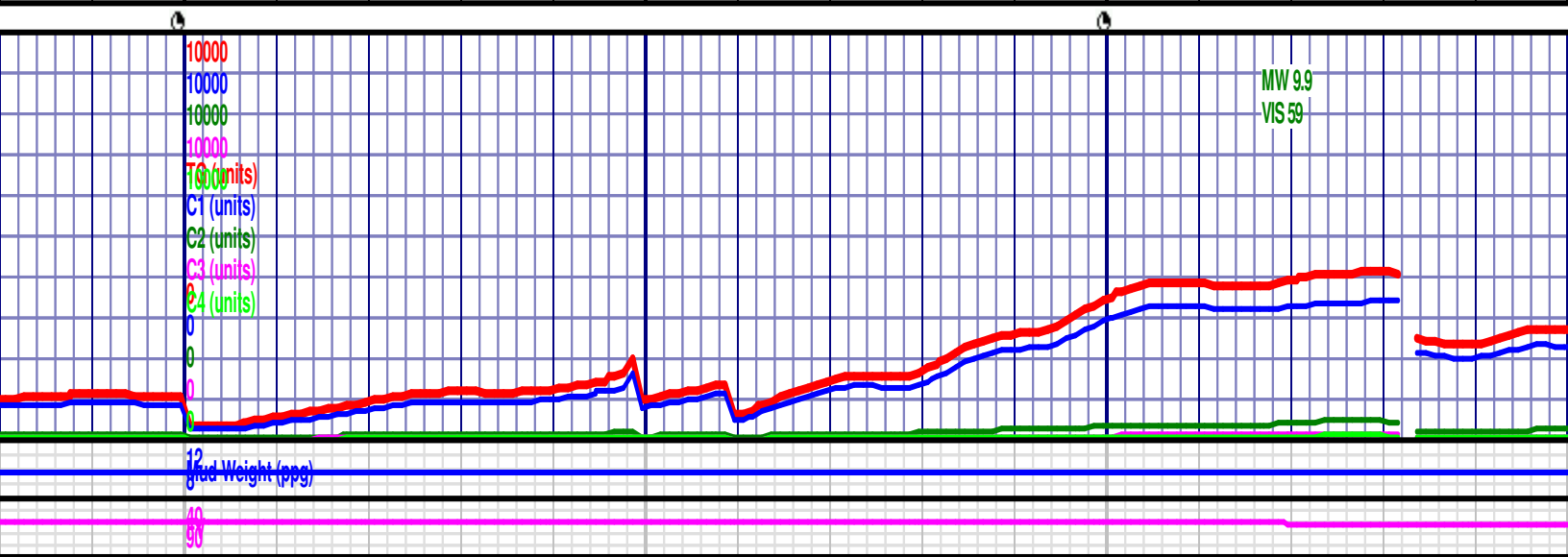
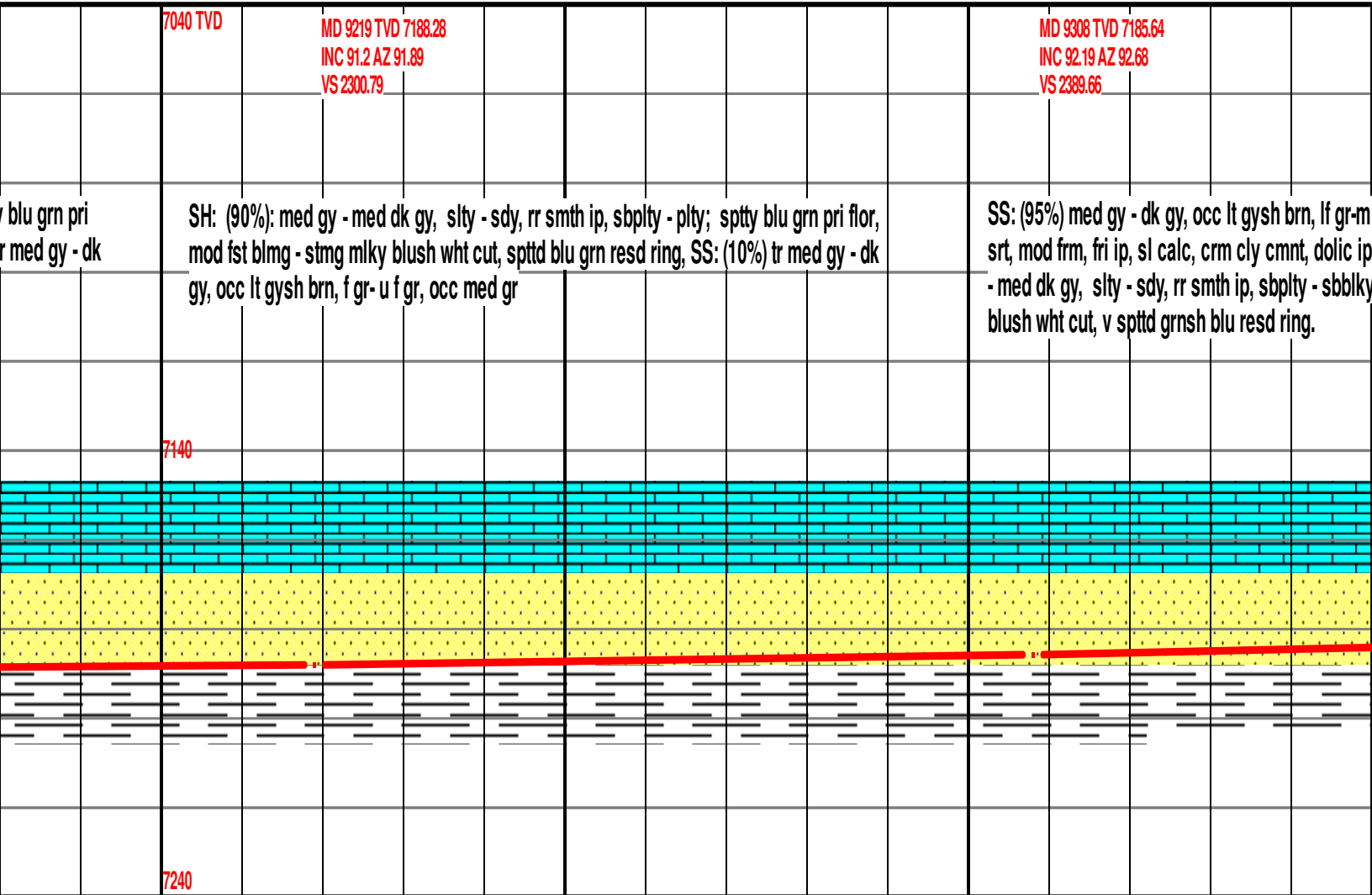
MD 9129 TVD 7189.29  
INC 90.09 AZ 88.97  
VS 2210.82

(95%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - pty; sptty blu grn pri flor,  
d fst blmg - stmg mky blush wht cut, spttd blu grn resd ring, SS: (5%) med gy - dk gy,  
lt gysh brn, f gr- u f gr, occ med gr

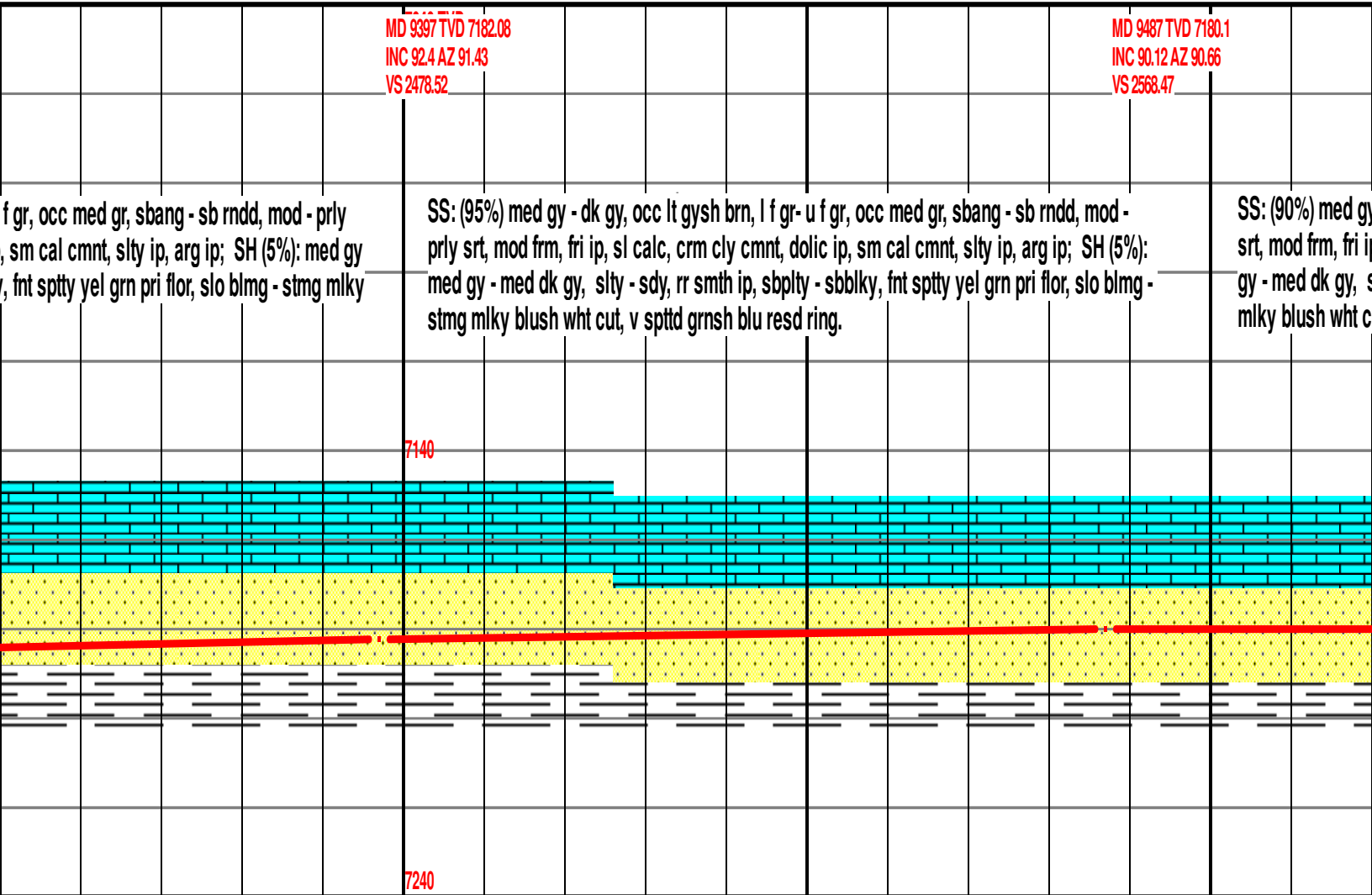
SH: (100%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - pty; sptty  
flor, mod fst blmg - stmg mky blush wht cut, spttd blu grn resd ring, SS: t  
gy, occ lt gysh brn, f gr- u f gr, occ med gr



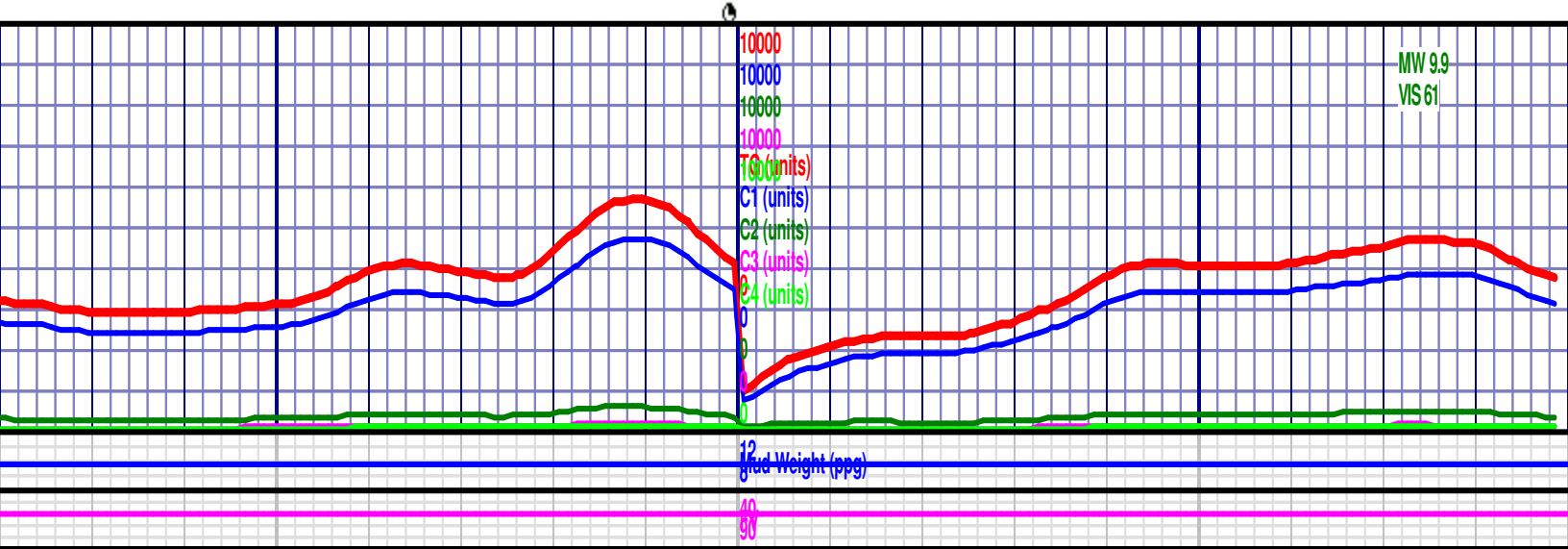
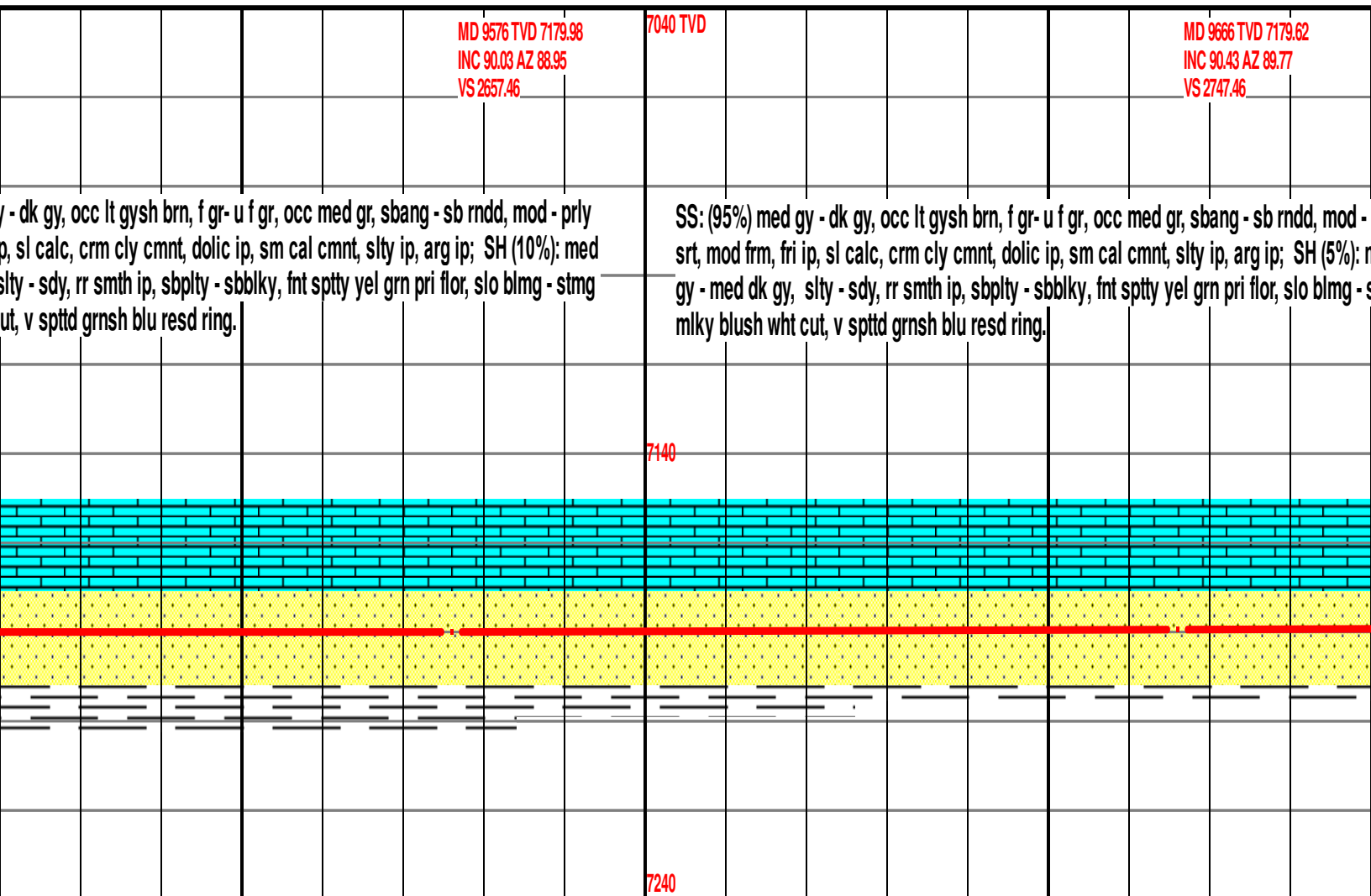
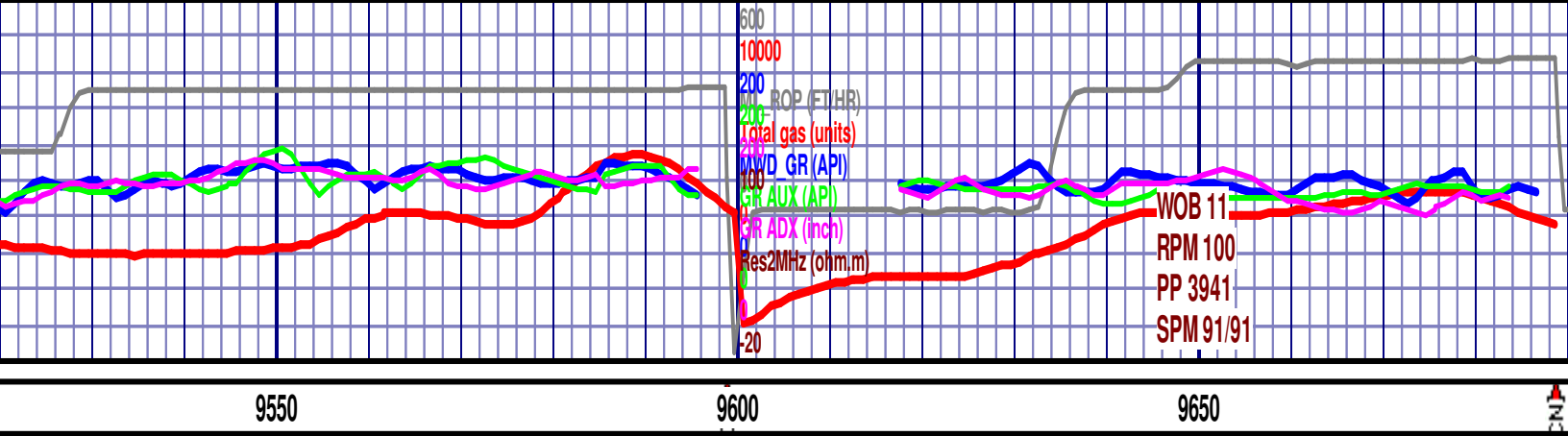




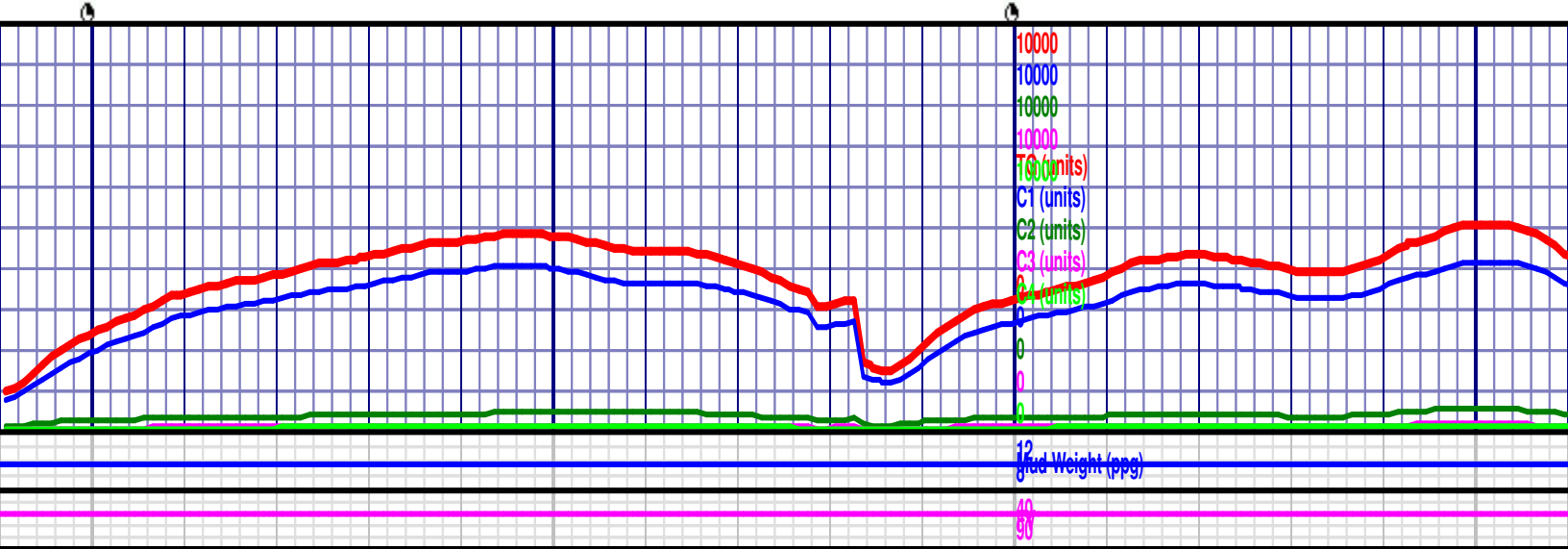
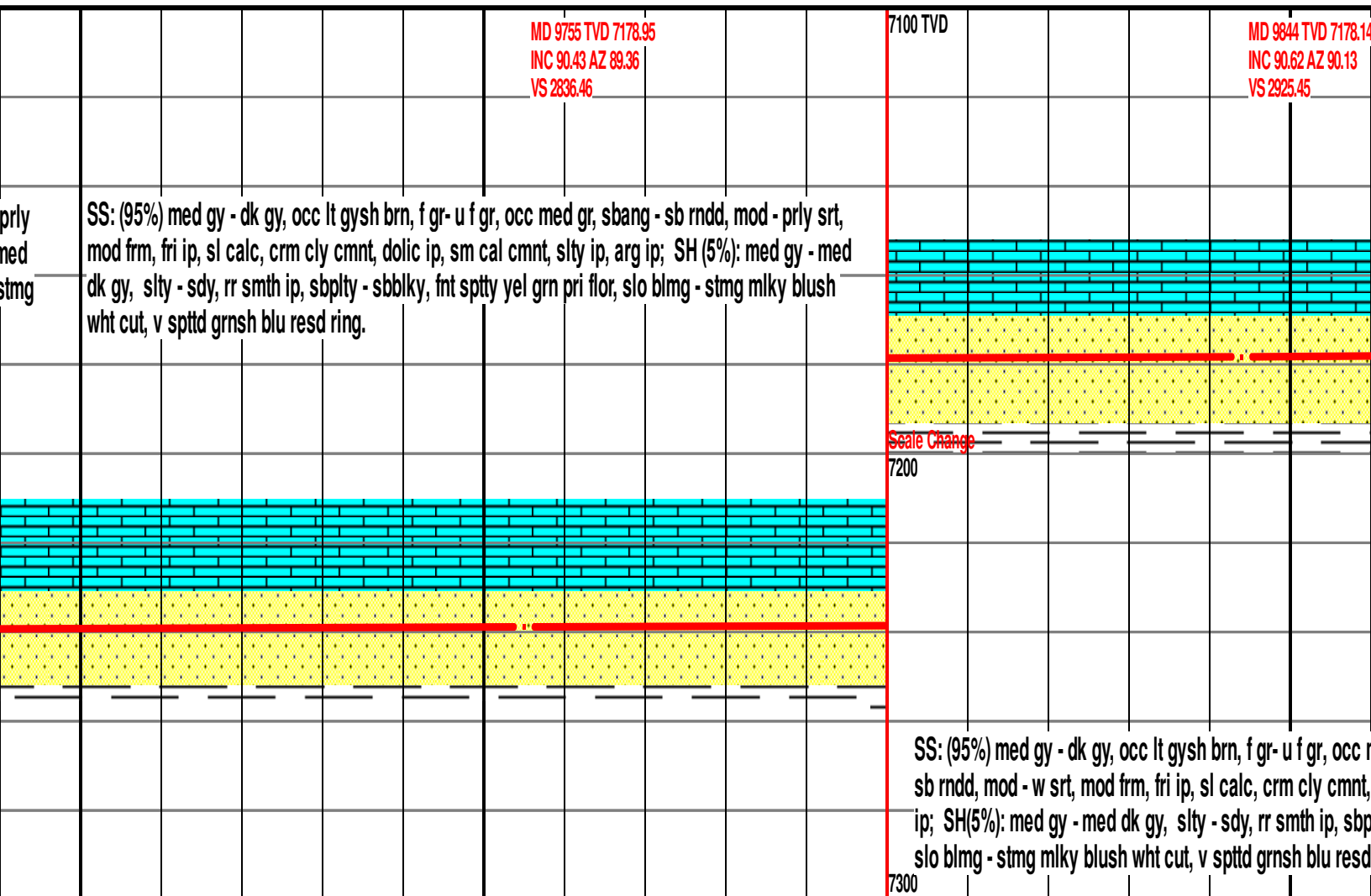
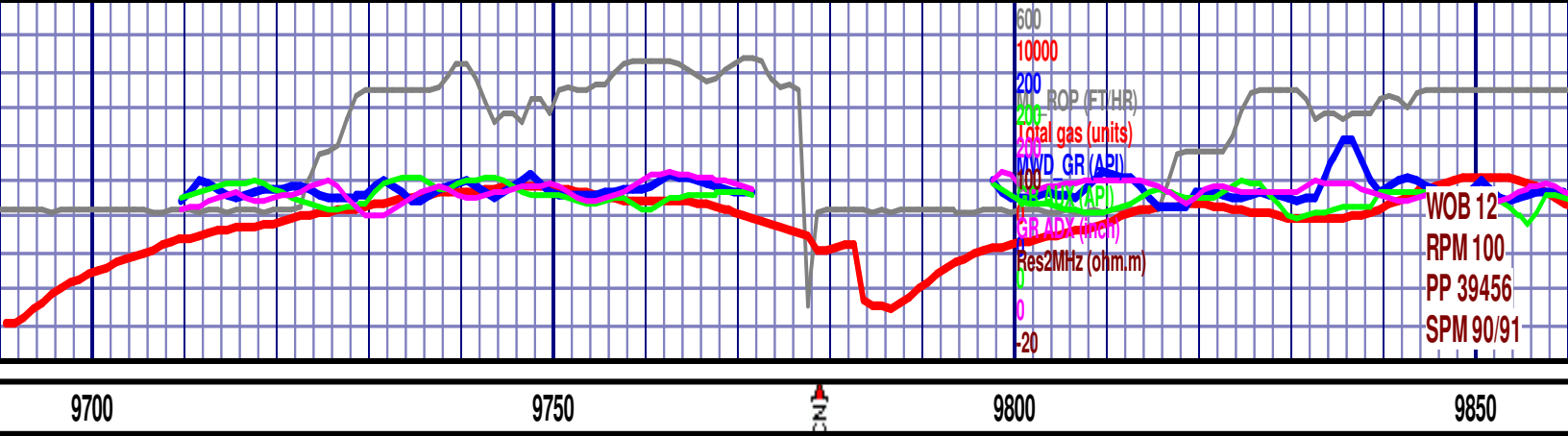




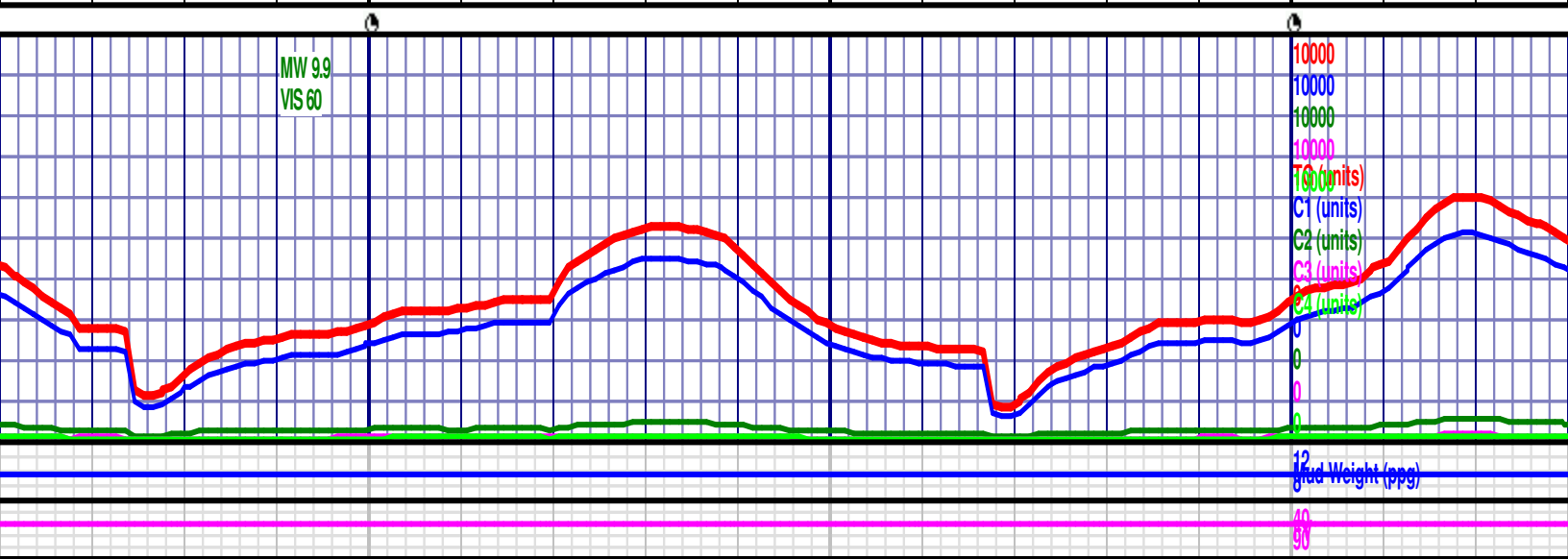
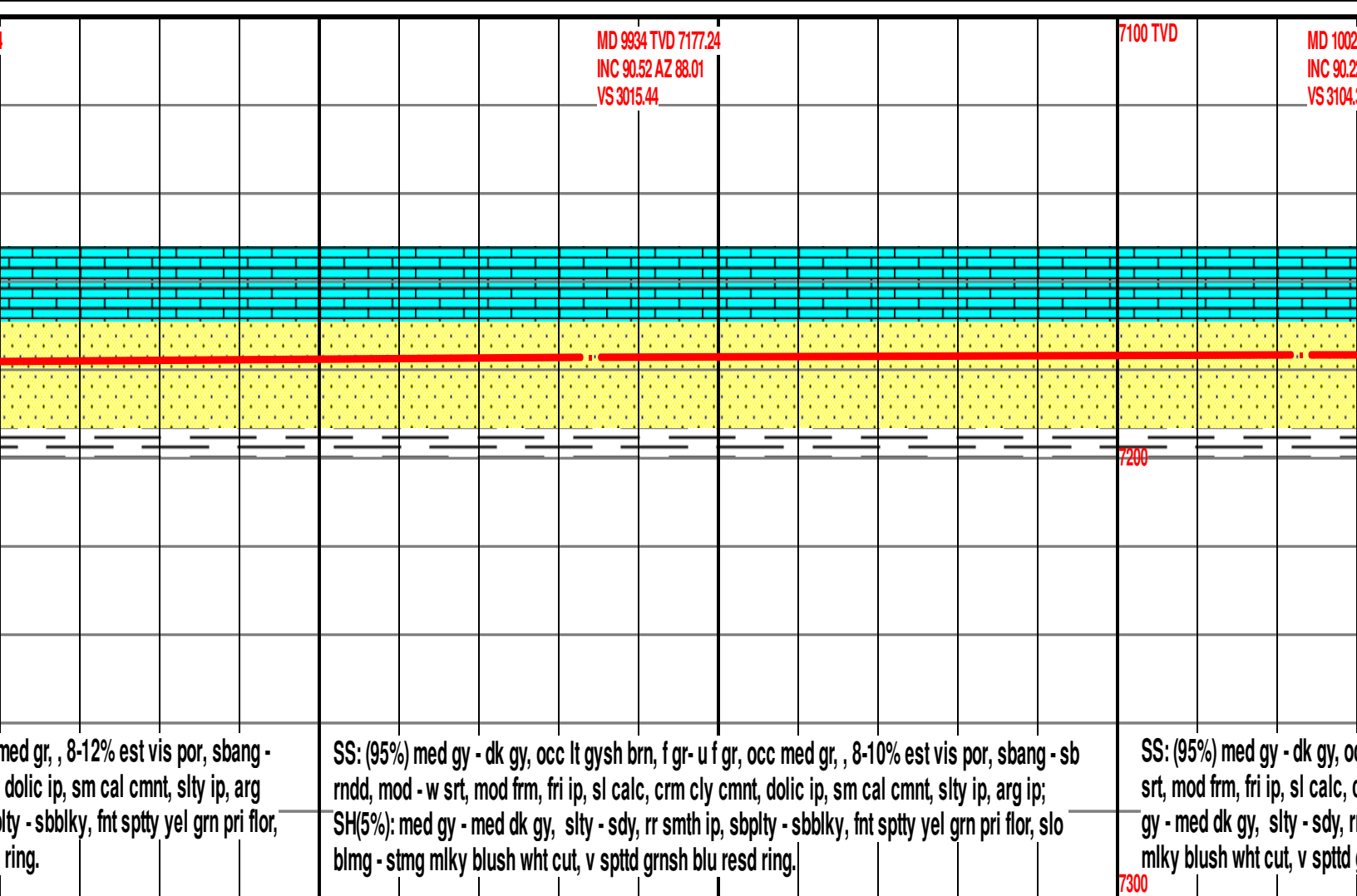
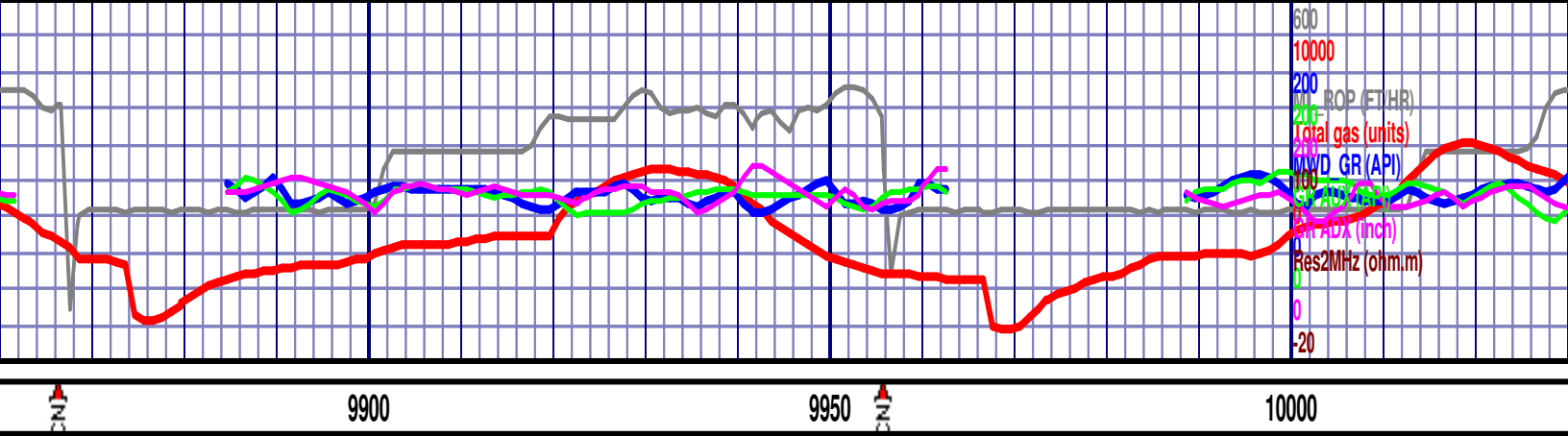




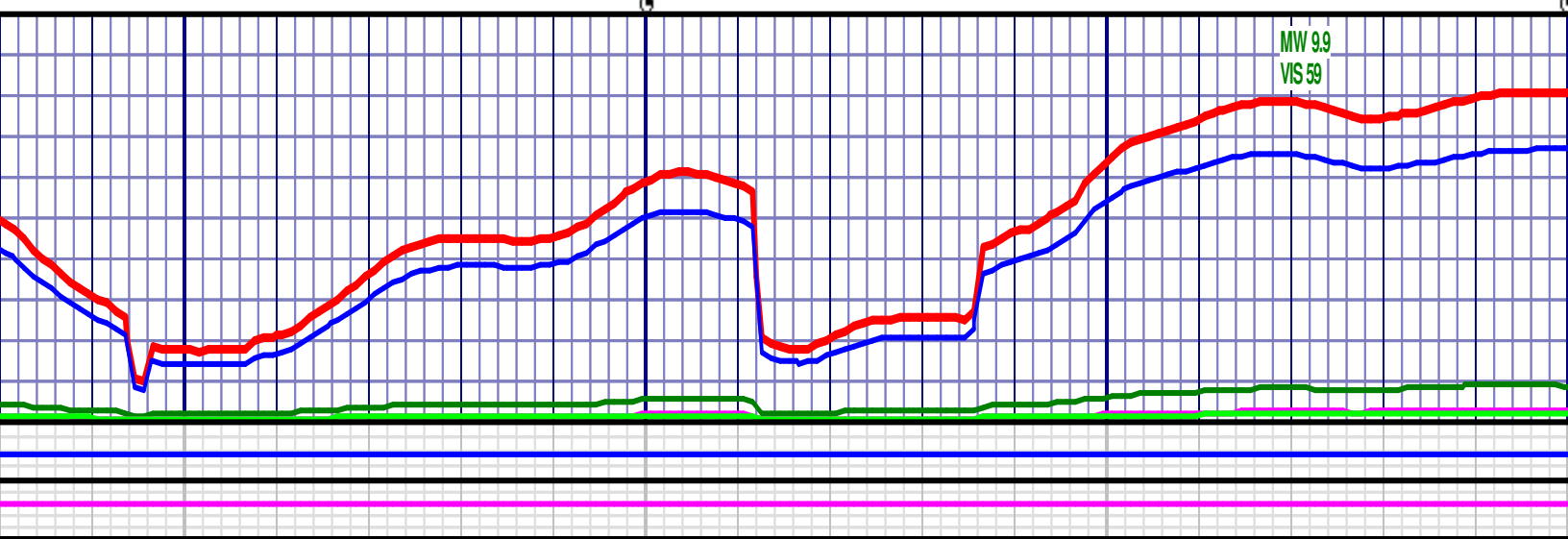
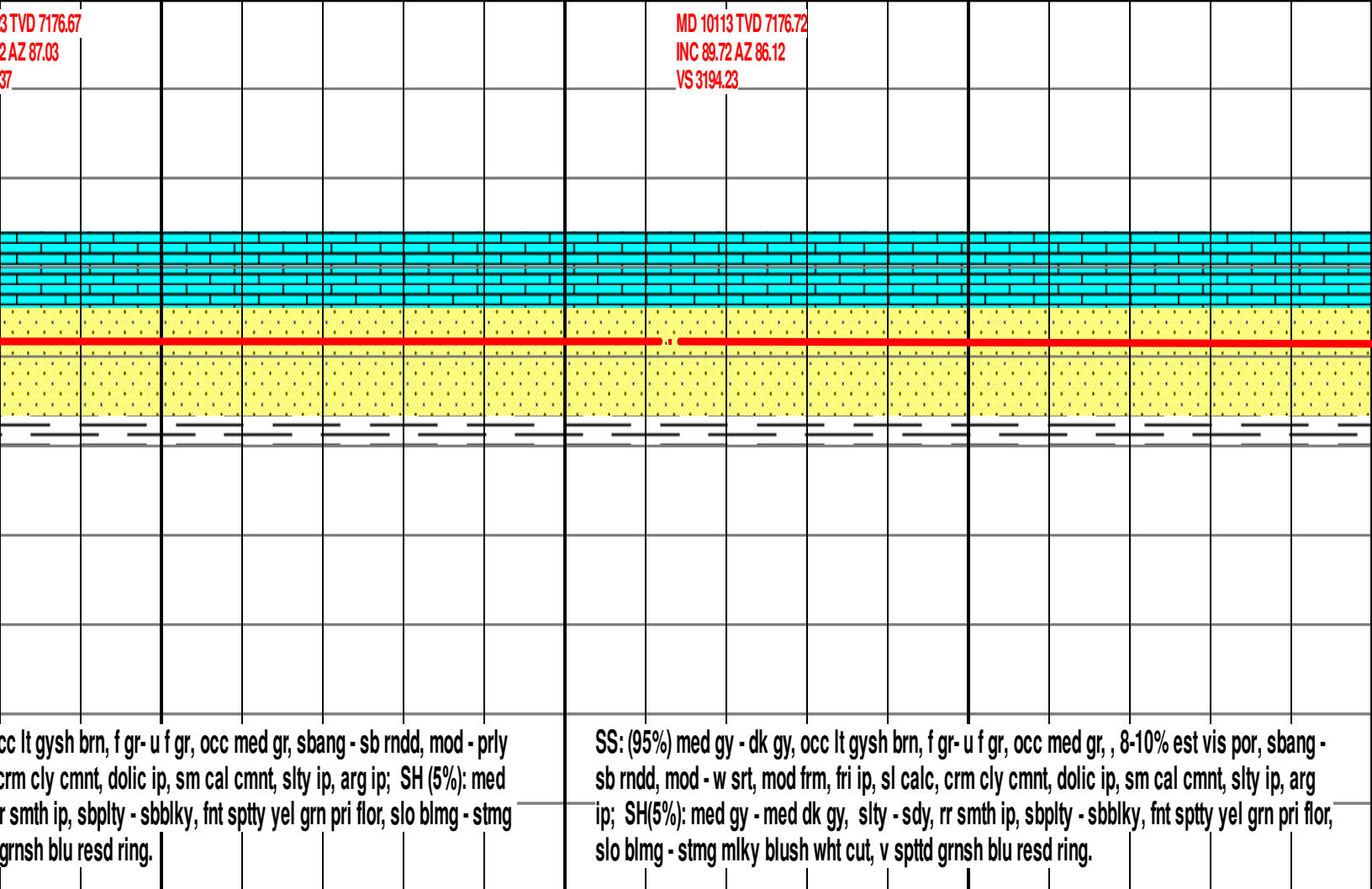
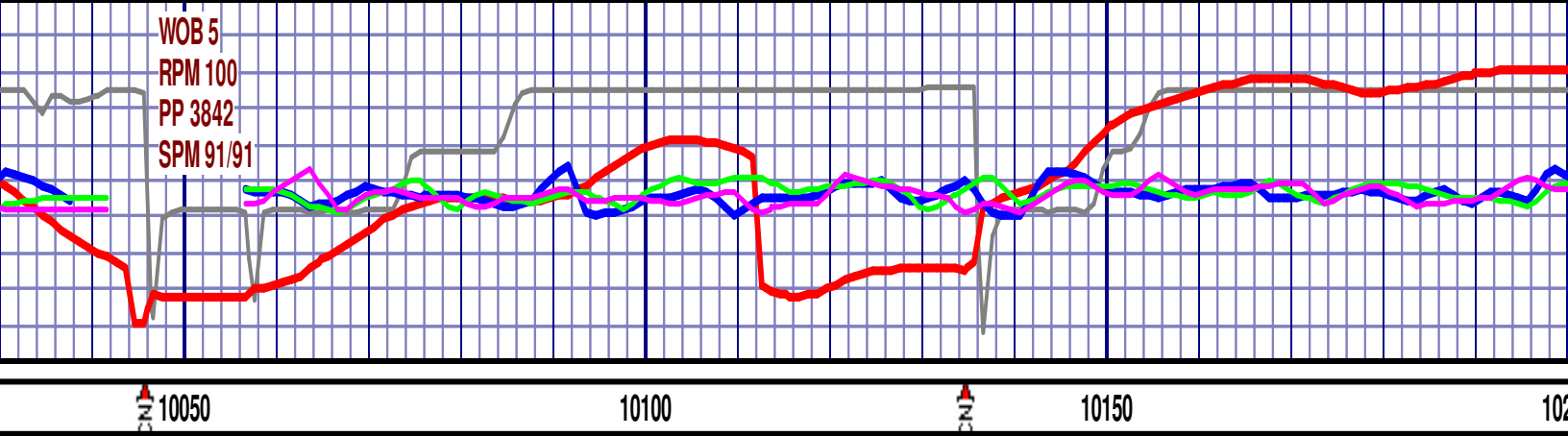




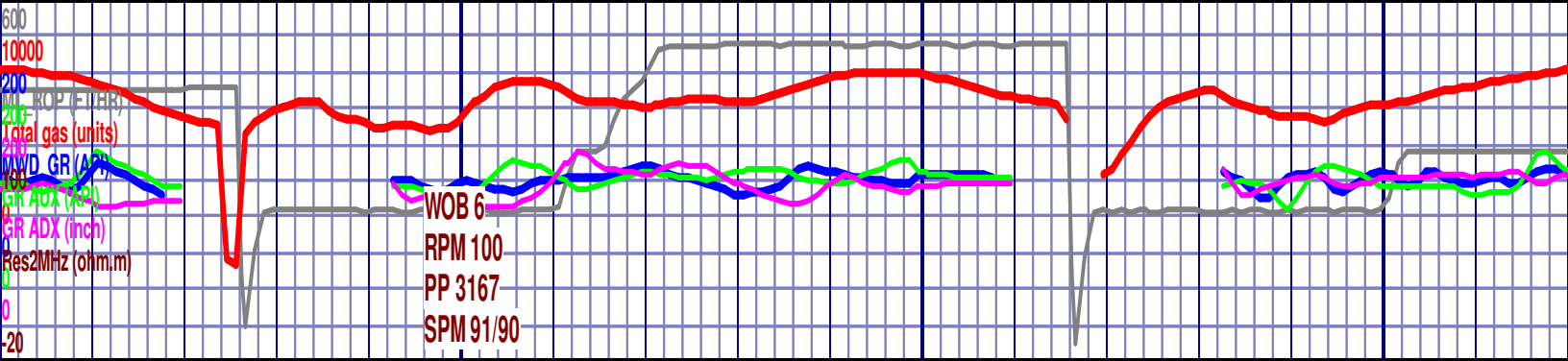








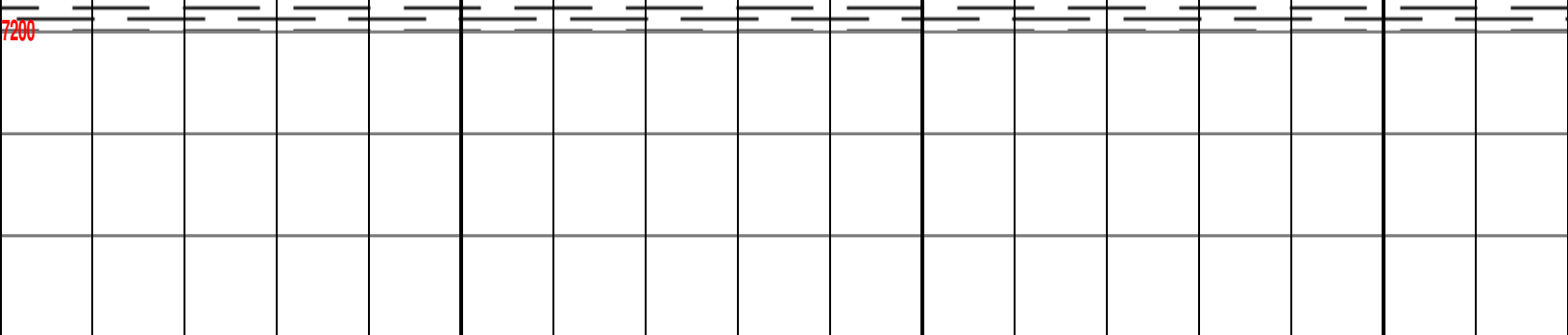
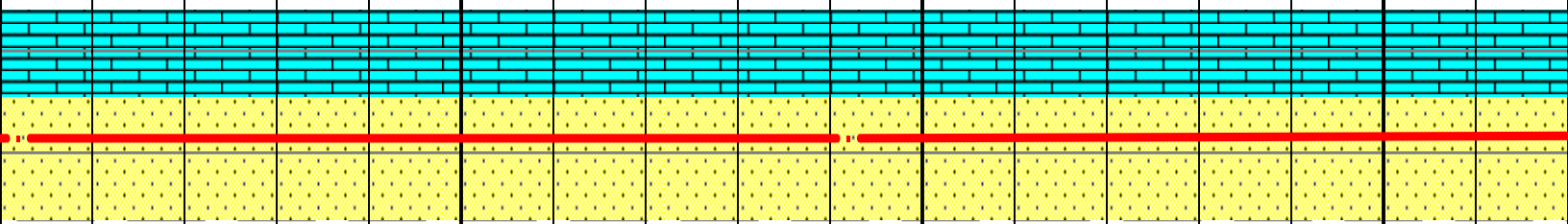




10200 10250 10300 10350

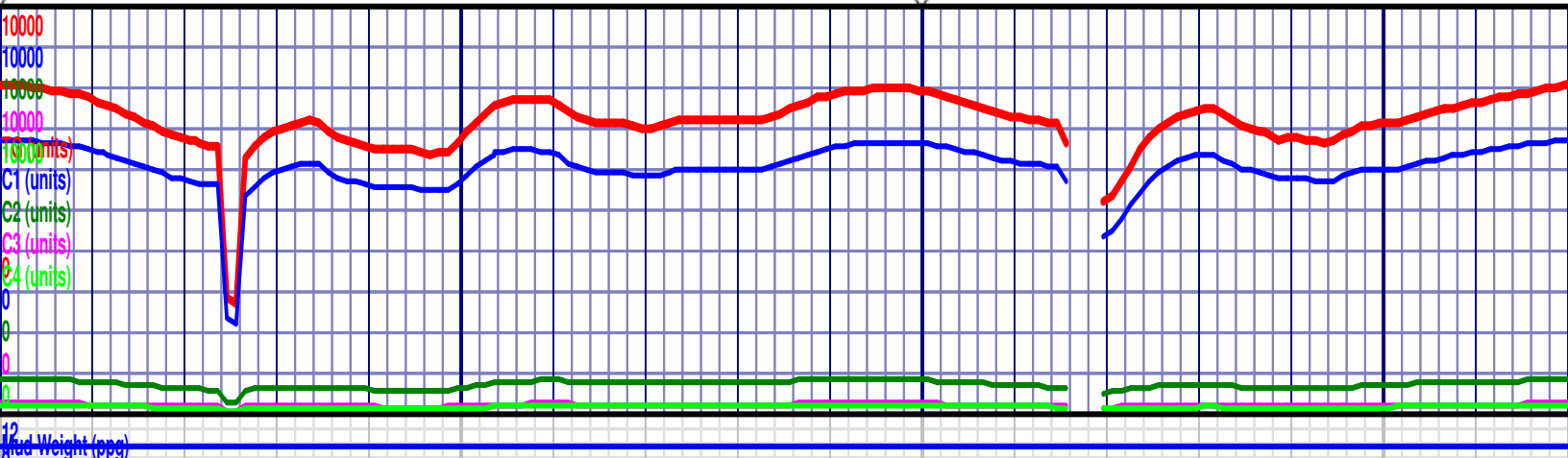
MD 10202 TVD 7177.03  
INC 89.88 AZ 86.31  
VS 3283.06

MD 10292 TVD 7177.1  
INC 90.03 AZ 87.56  
VS 3372.95

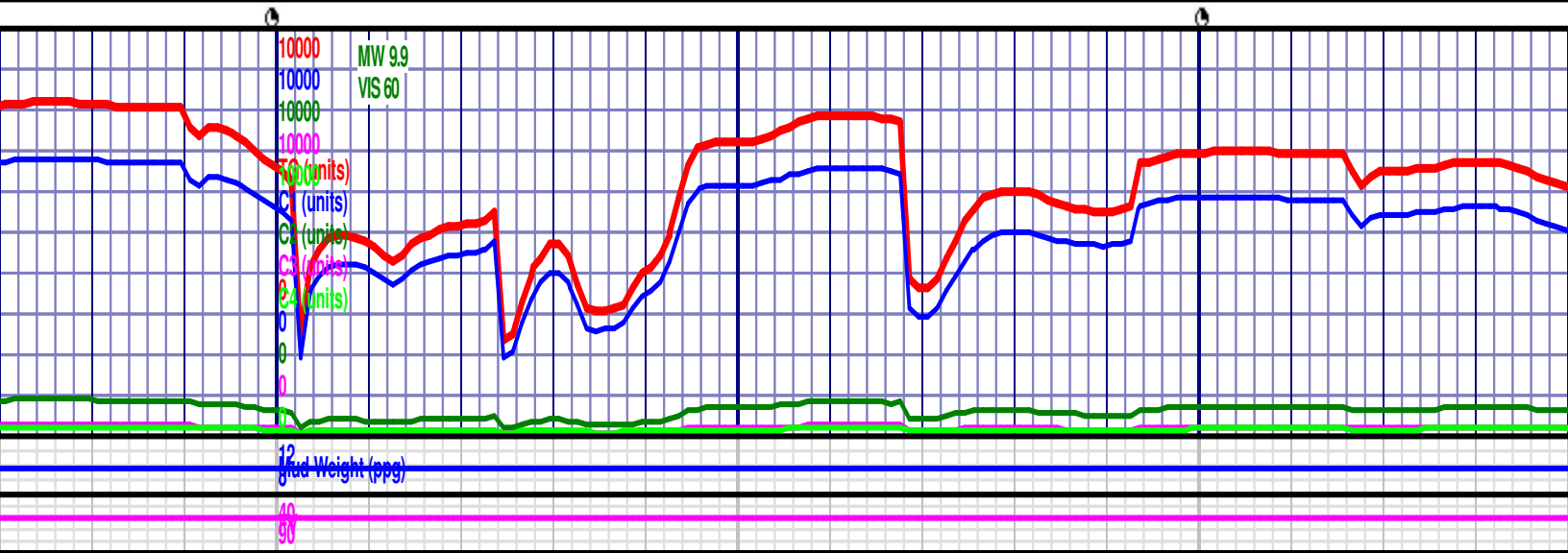
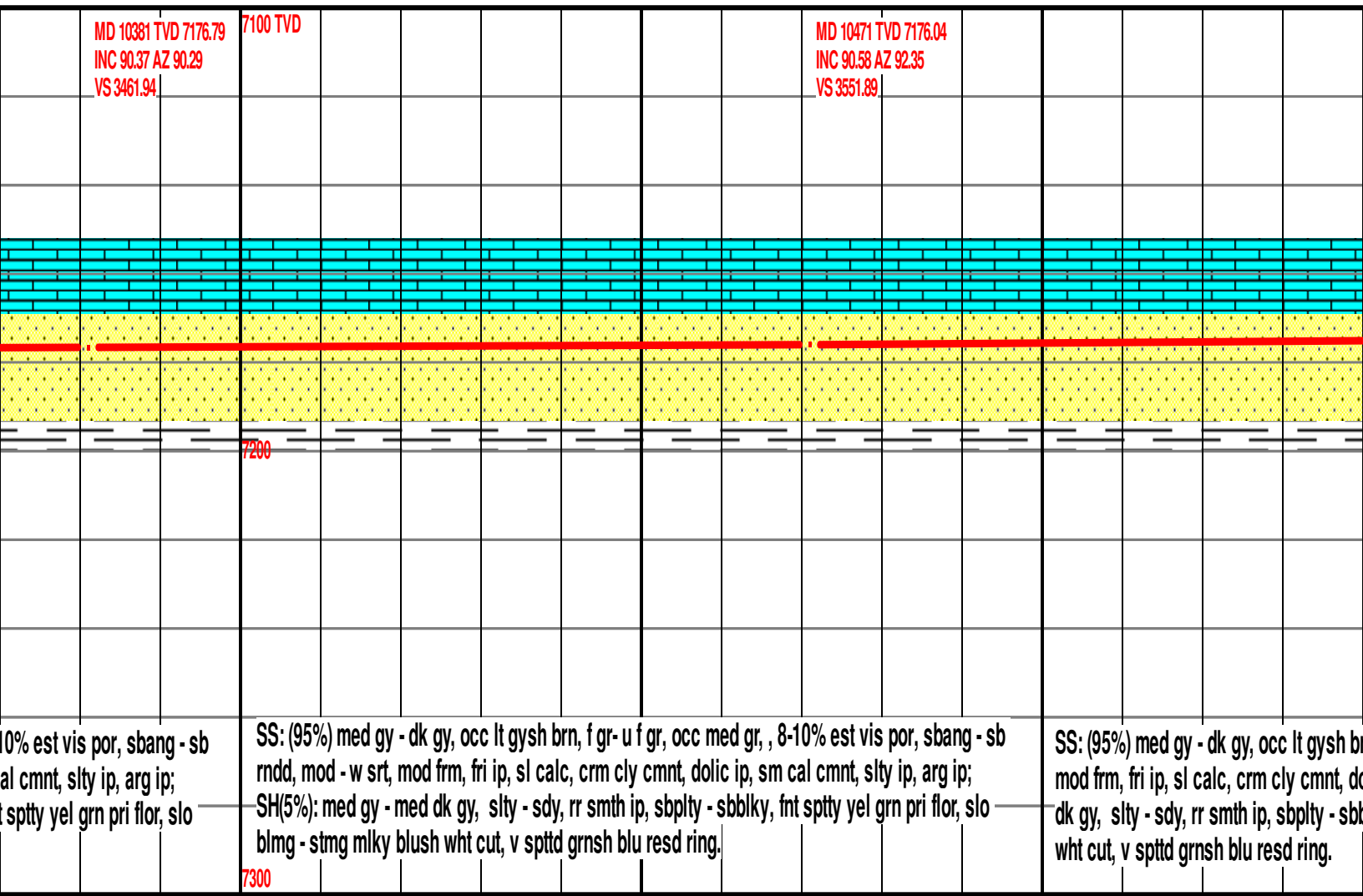
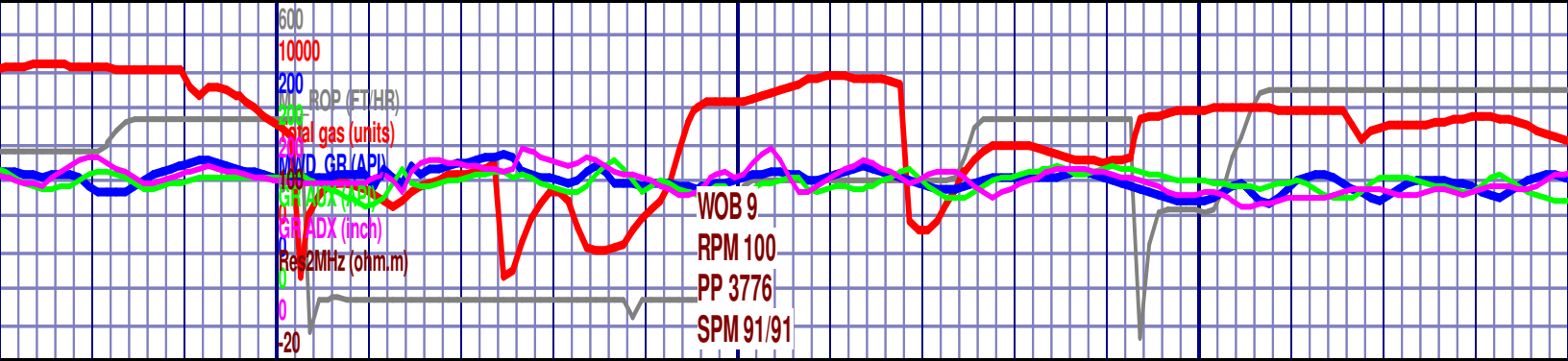


SS: (95%) med gy - dk gy, occ lt gysh brn, f gr- u f gr, occ med gr, sbang - sb rndd, mod - prly srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH (5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt spity yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.

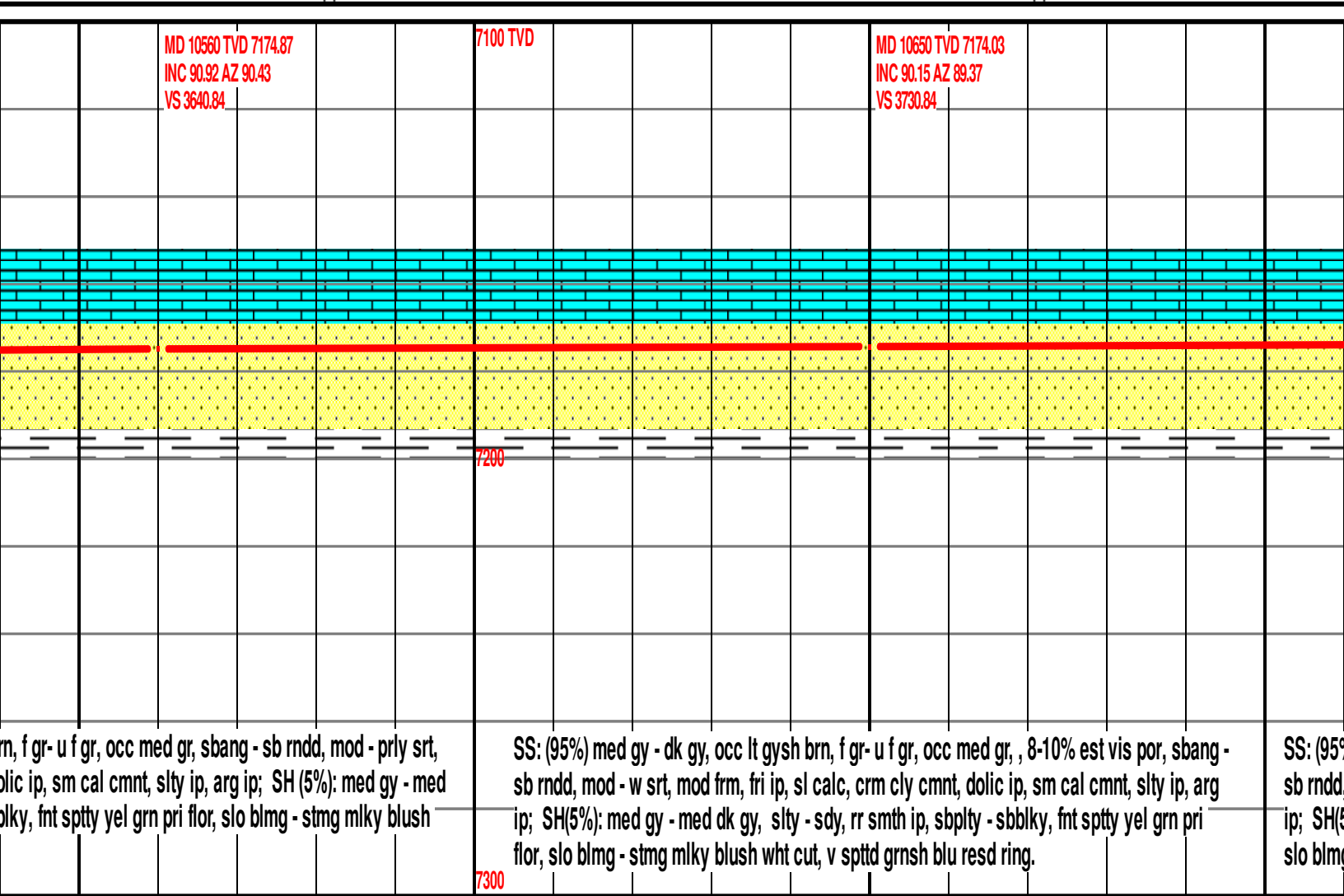
SS: (95%) med gy - dk gy, occ lt gysh brn, f gr- u f gr, occ med gr, , 8-1 rndd, mod - w srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm c SH(5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.



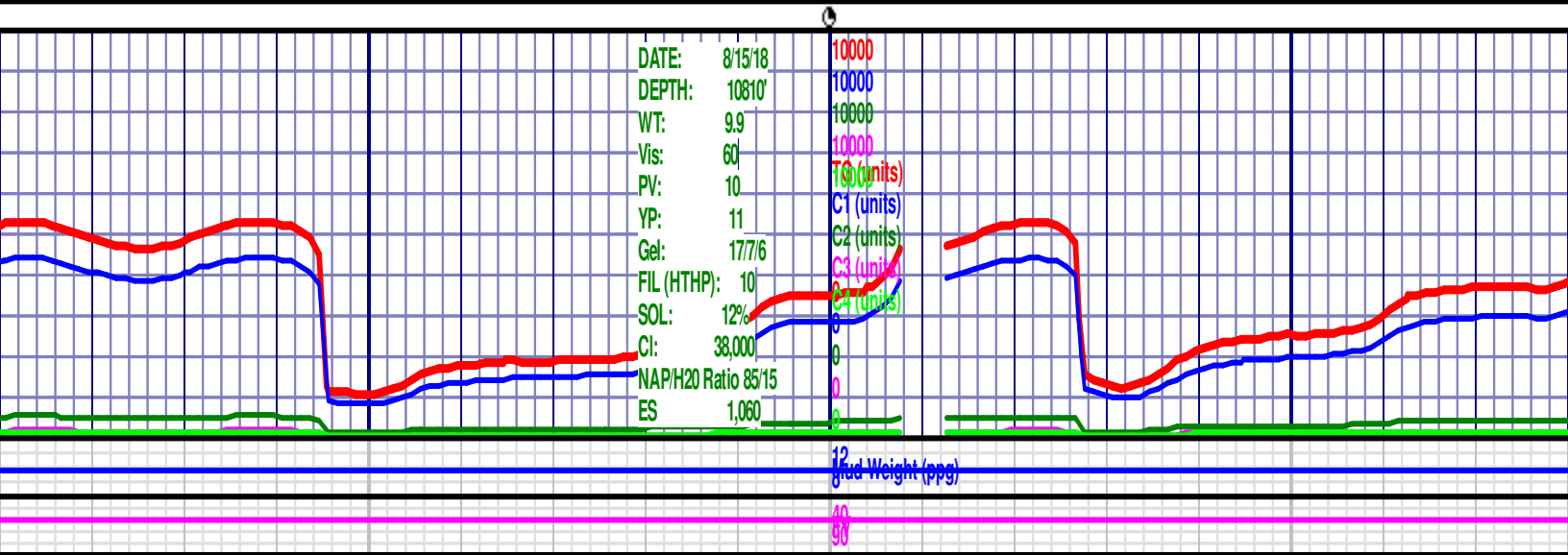
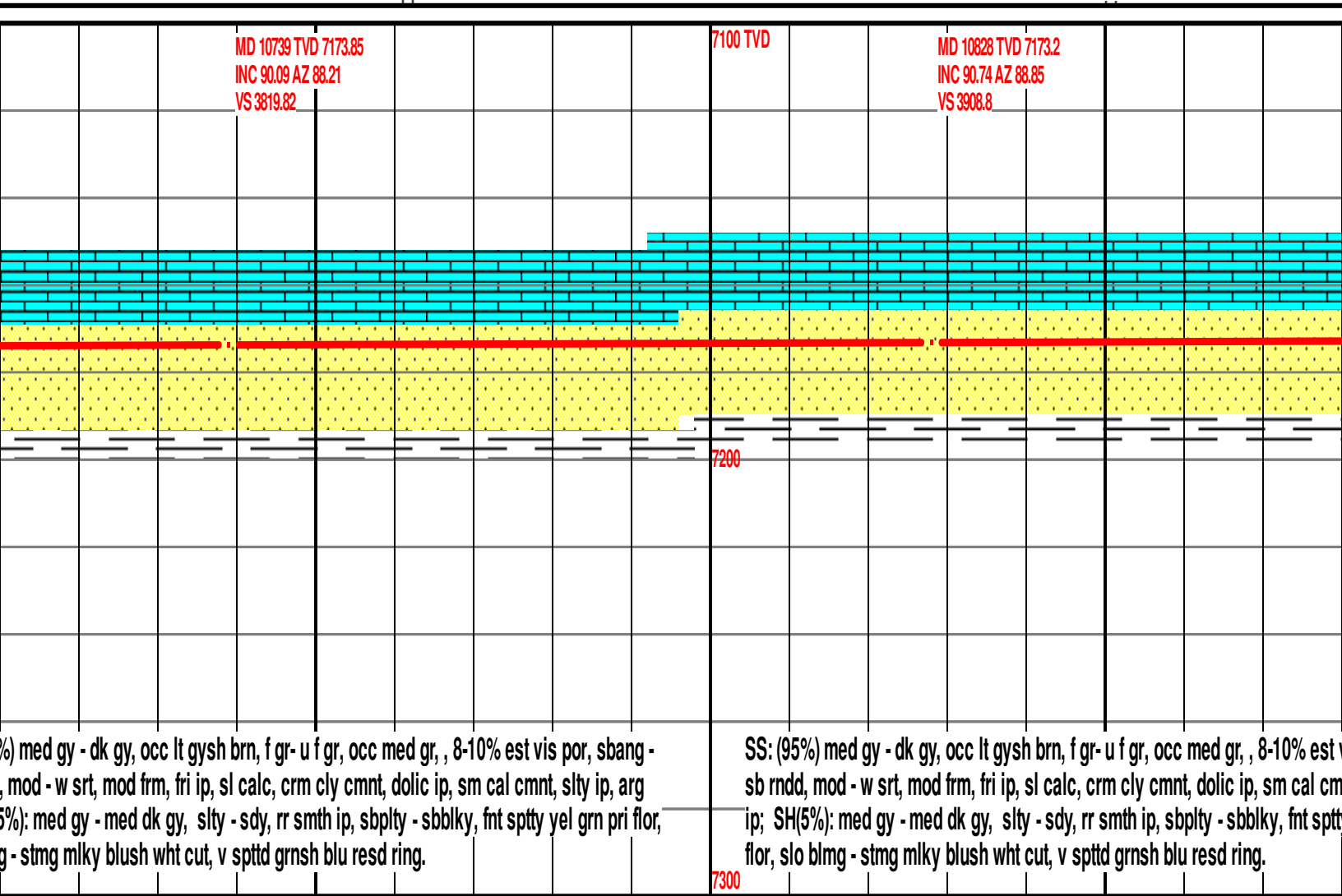




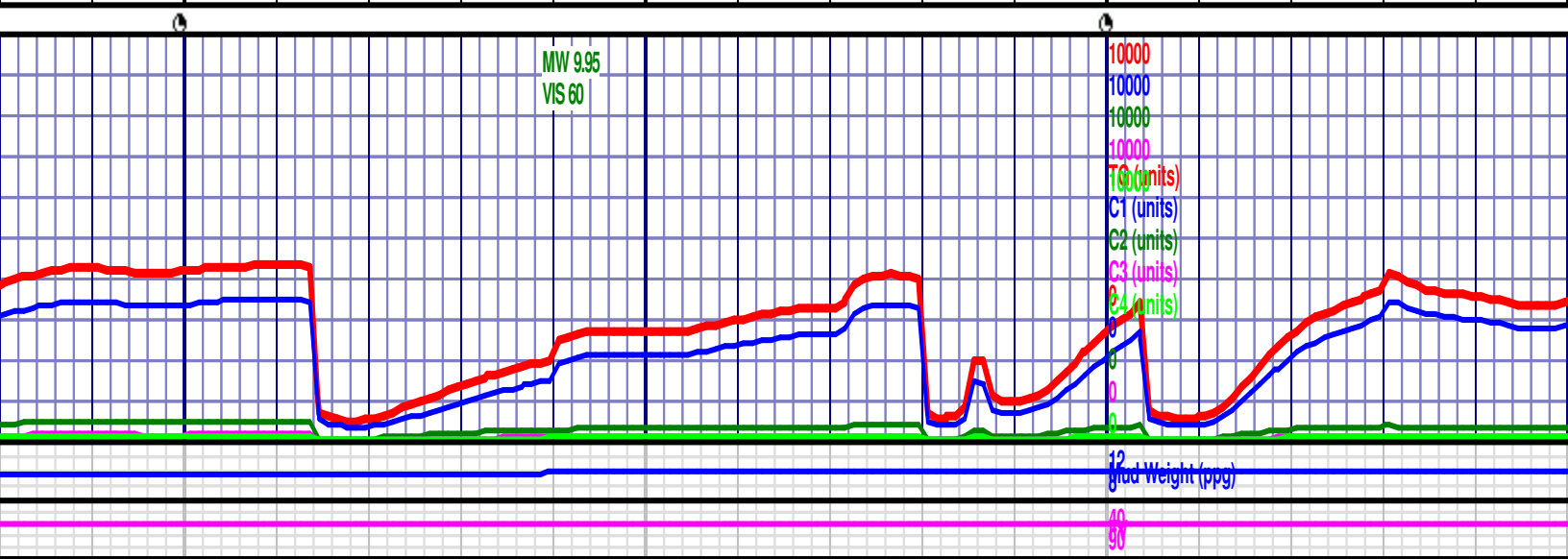
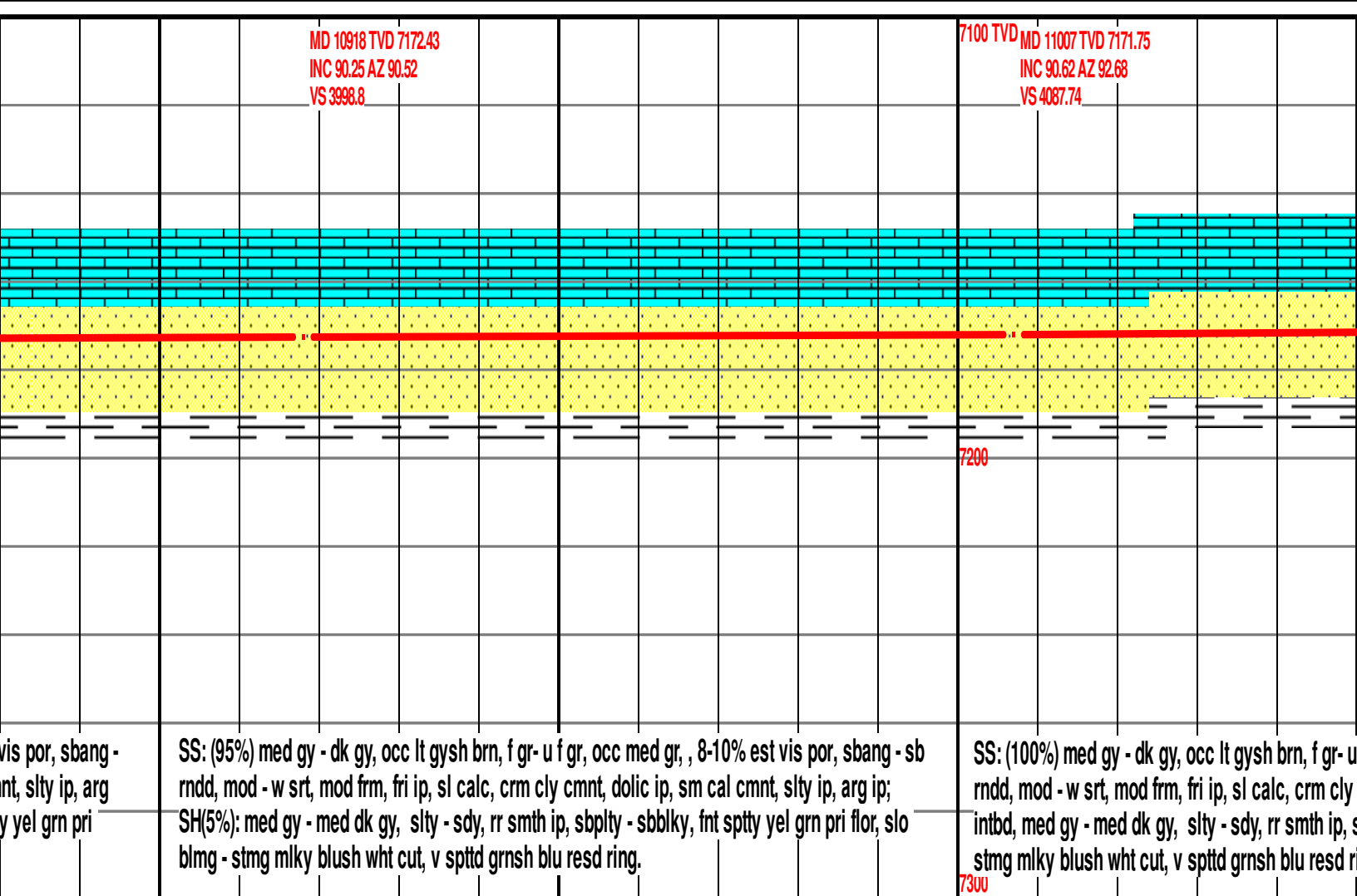
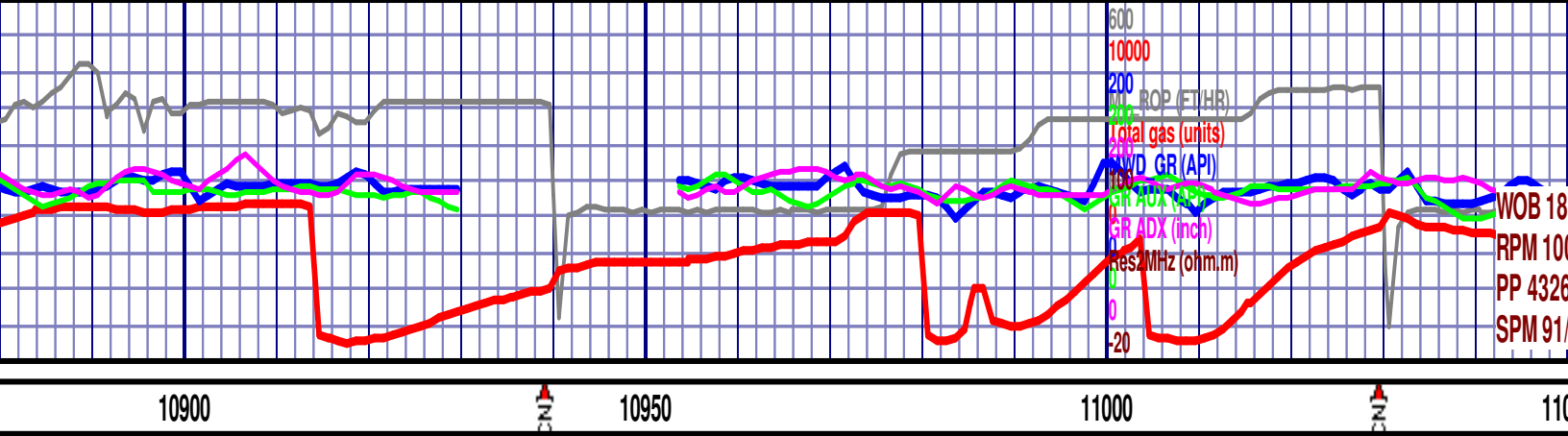




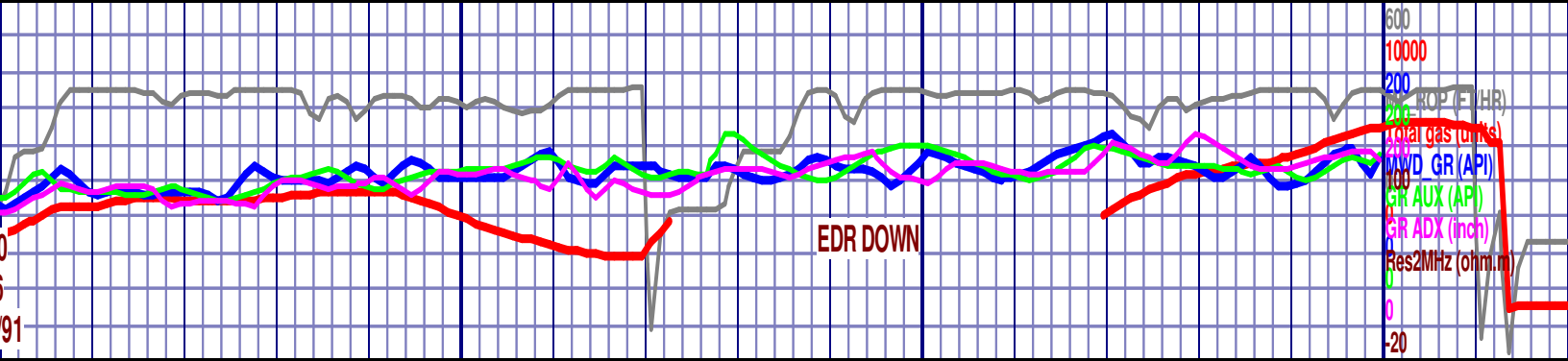








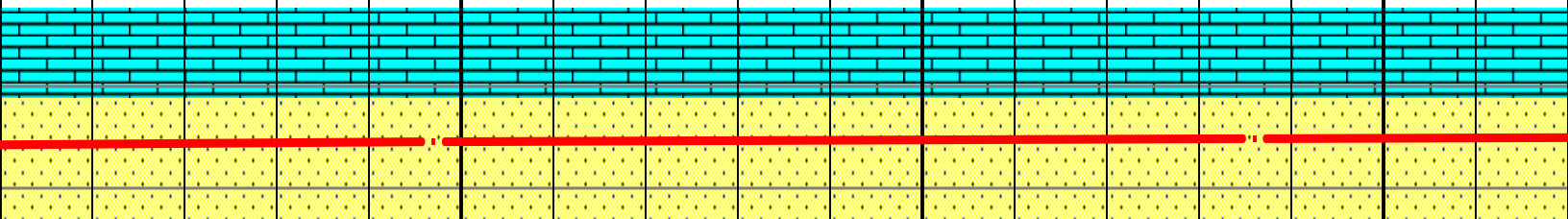




11050 11100 11150 11200

MD 11097 TVD 7170.85  
INC 90.52 AZ 91.45  
VS 4177.66

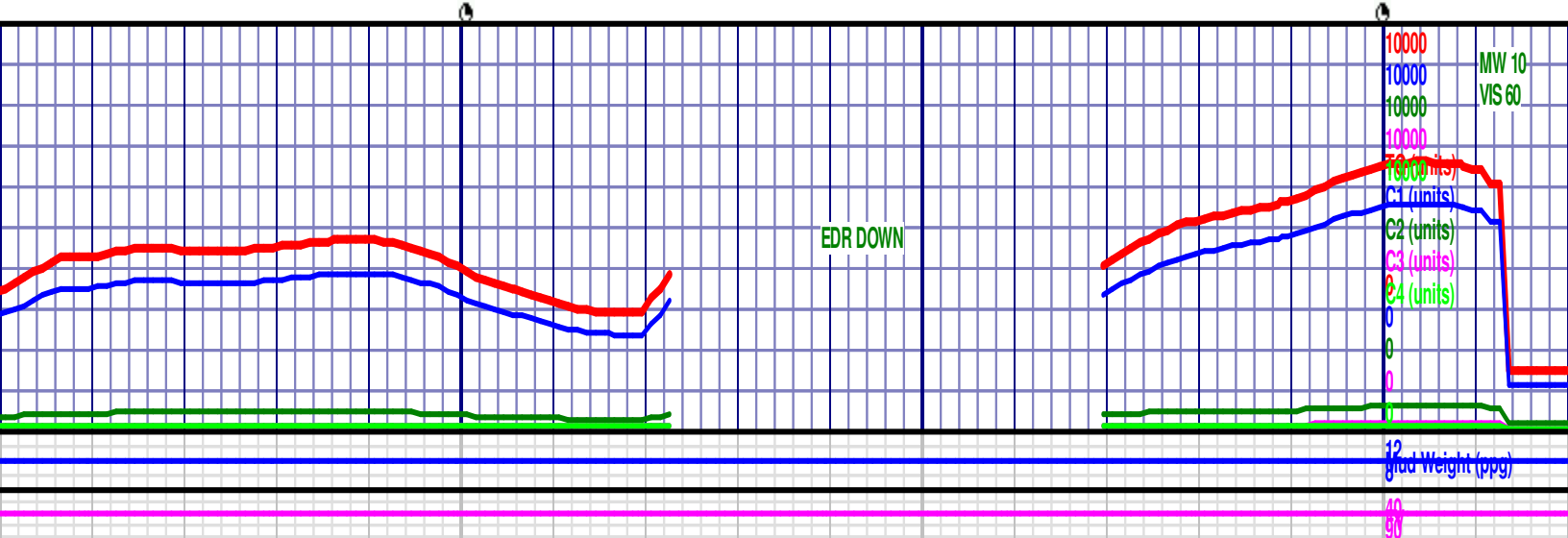
MD 11186 TVD 7170.12 TVD  
INC 90.43 AZ 90.47  
VS 4266.63



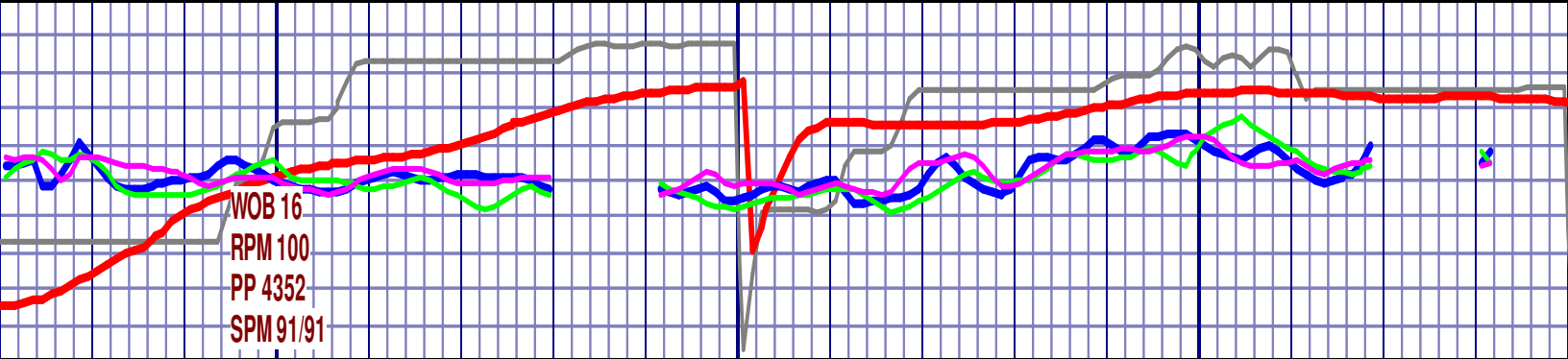
f gr, occ med gr, , 8-10% est vis por, sbang - sb  
cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH  
sbplty - sbblky, fnt spty yel grn pri flor, slo blmg -  
ing.

SS: (100%) med gy - dk gy, occ lt gysh brn, f gr - u f gr, occ med gr, , 8-10% est vis por, sbang - sb  
rndd, mod - w srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH  
intbd, med gy - med dk gy, slty - sdy, rr smth ip, sbplty - sbblky, fnt spty yel grn pri flor, slo blmg -  
stmg mlky blush wht cut, v spttd grnsh blu resd ring.

SS: (100%) med g  
mod - w srt, mod  
med gy - med dk  
mlky blush wht c





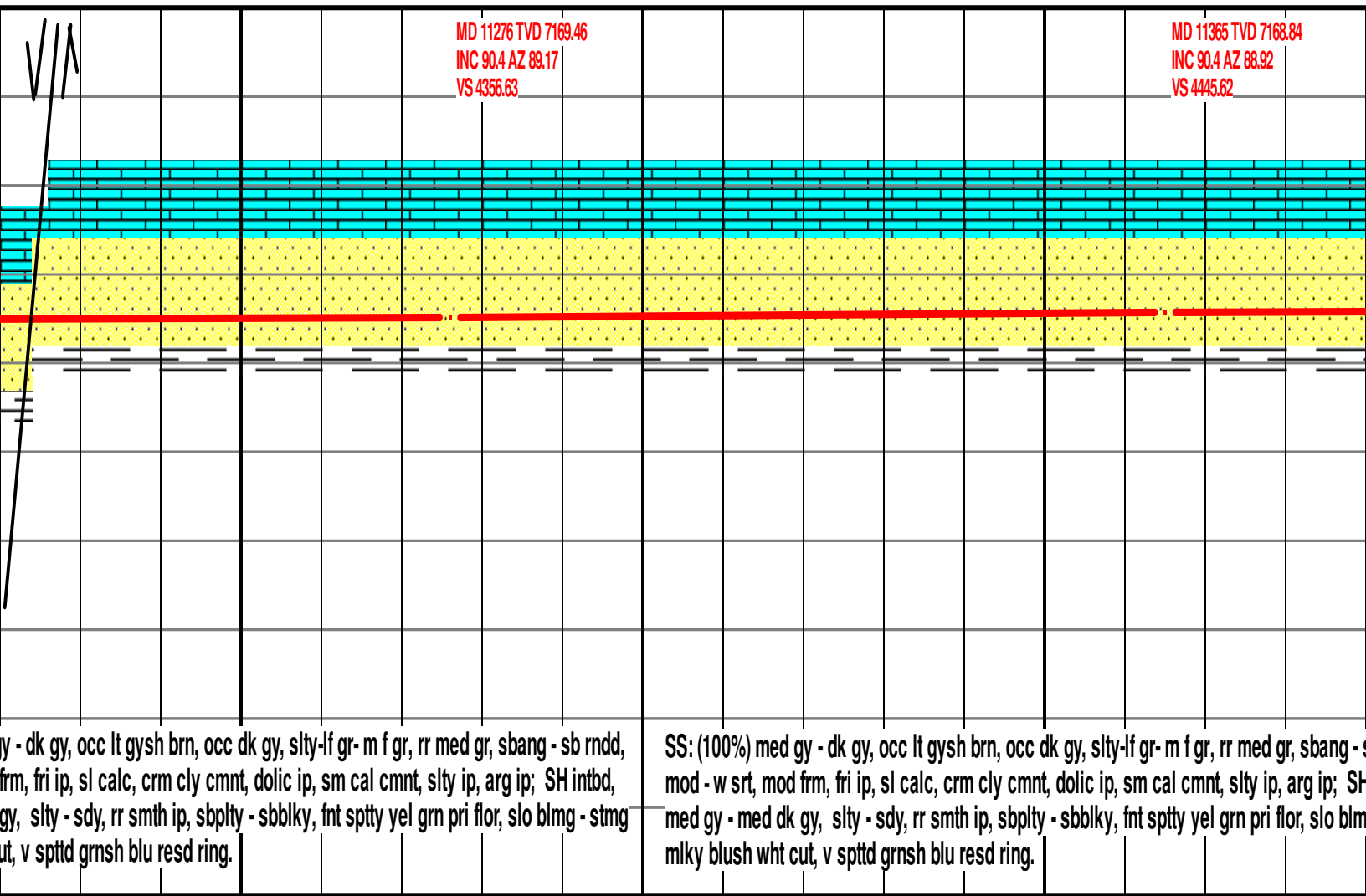


11250

11300

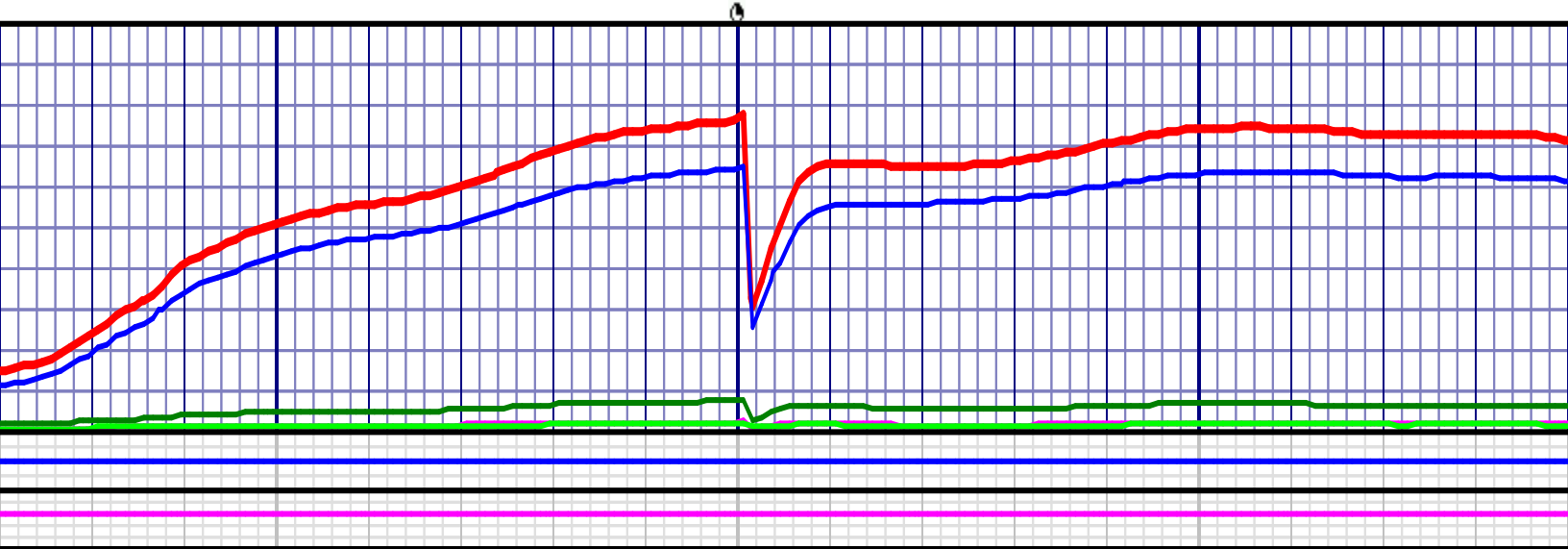
11350

▲  
Z

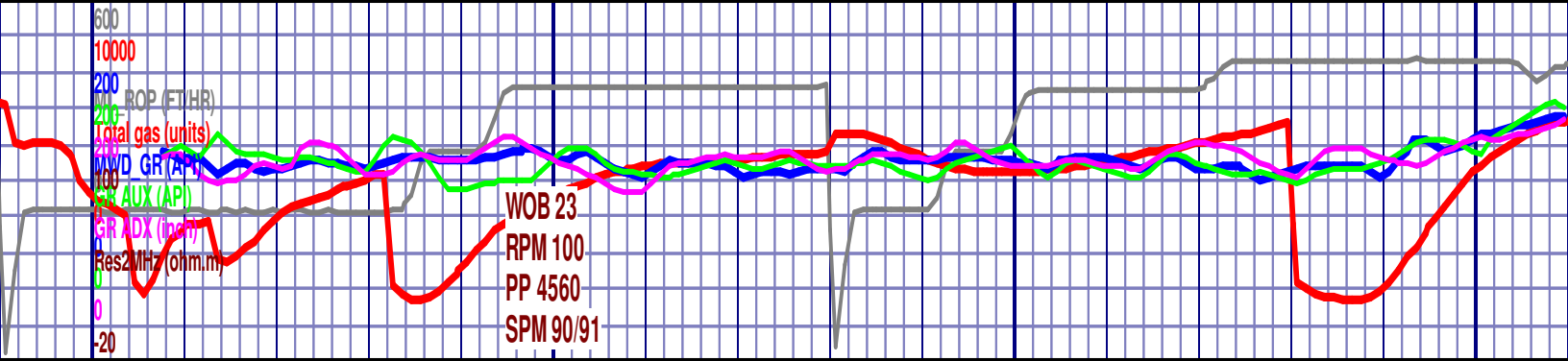


gy - dk gy, occ lt gysh brn, occ dk gy, slty-lf gr- m f gr, rr med gr, sbang - sb rndd, mod - w srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH intbd, med gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sppty yel grn pri flor, slo blmg - stmg cut, v spttd grnsh blu resd ring.

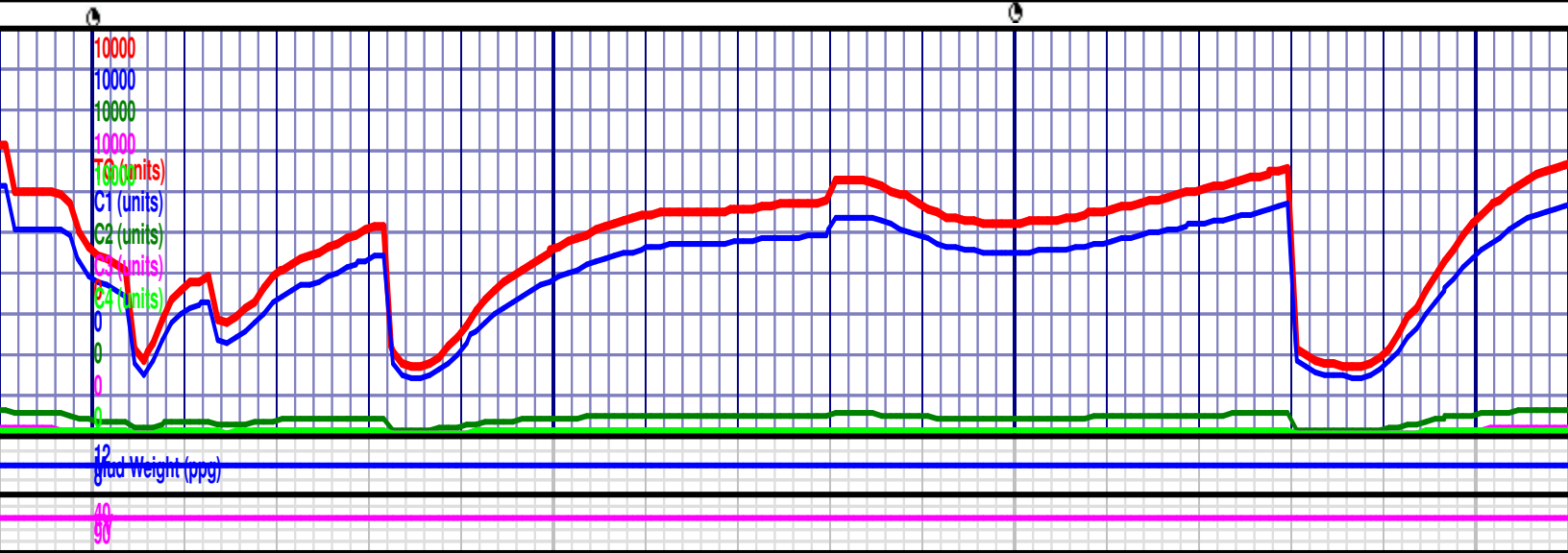
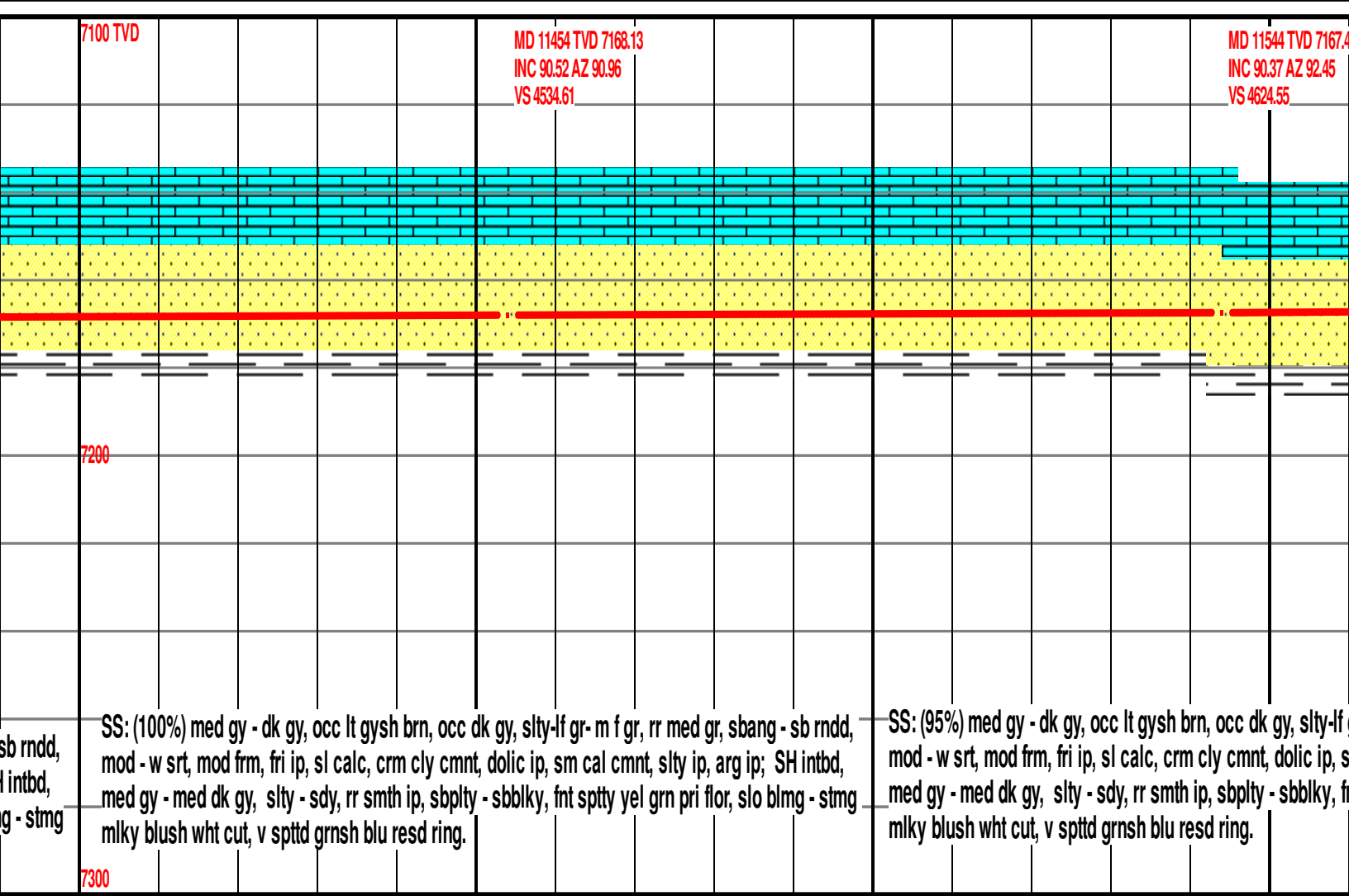
SS: (100%) med gy - dk gy, occ lt gysh brn, occ dk gy, slty-lf gr- m f gr, rr med gr, sbang - mod - w srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sppty yel grn pri flor, slo blm milky blush wht cut, v spttd grnsh blu resd ring.



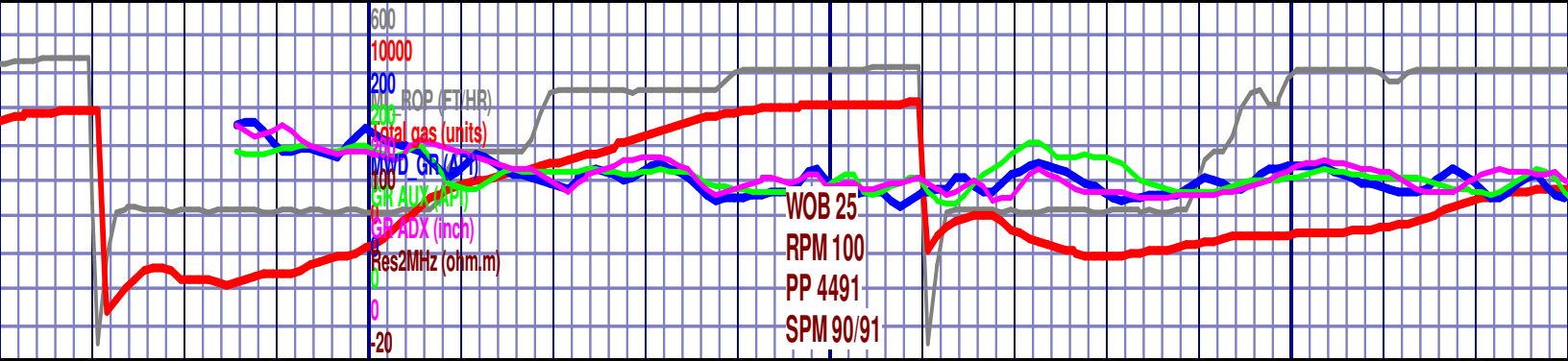




11400 11450 11500 11550

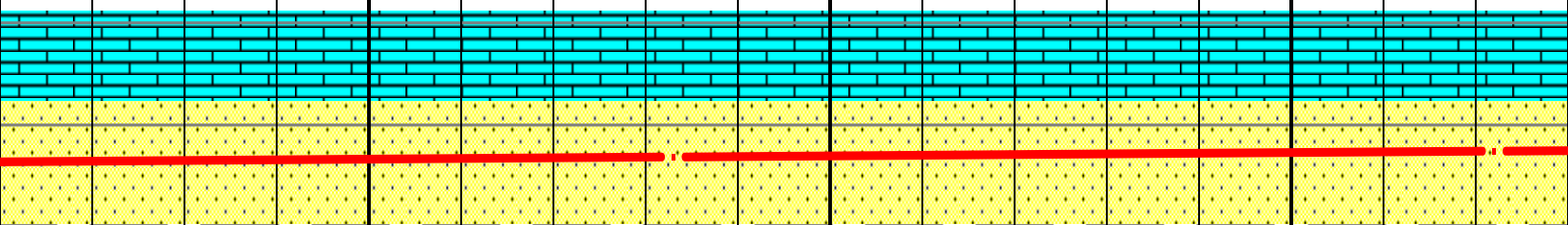






11600 11650 11700

7100 TVD MD 11633 TVD 7166.45 MD 11722  
INC 90.89 AZ 91.69 INC 90.98  
VS 4713.47 VS 4802.47

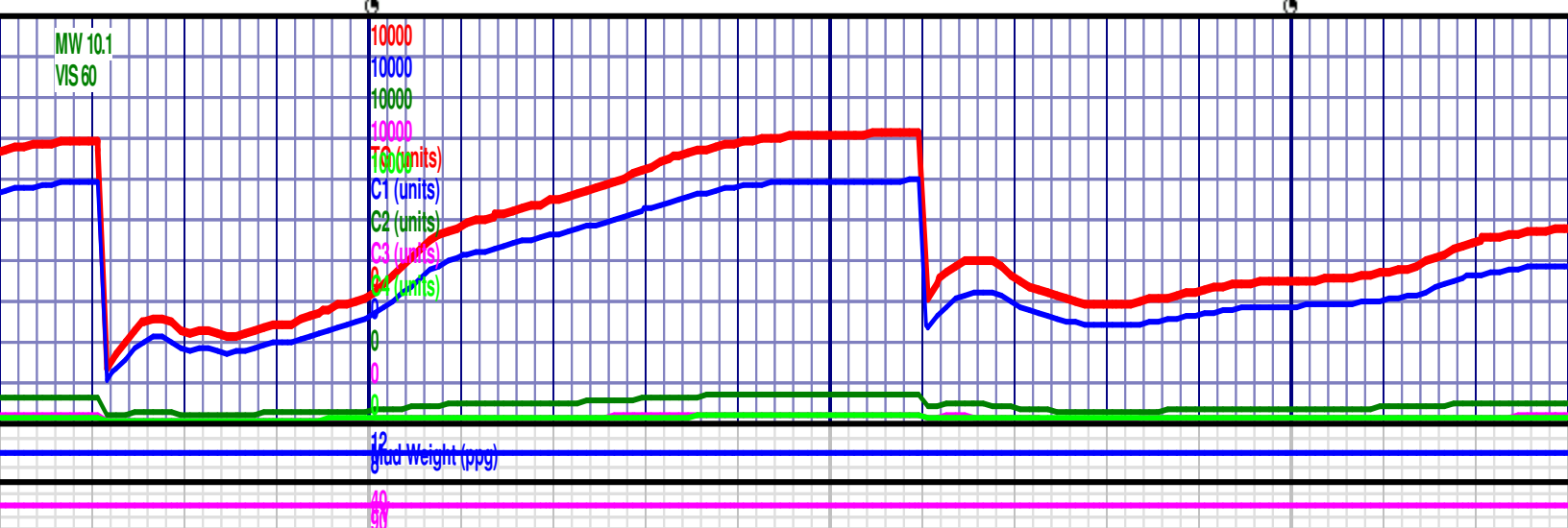


7200

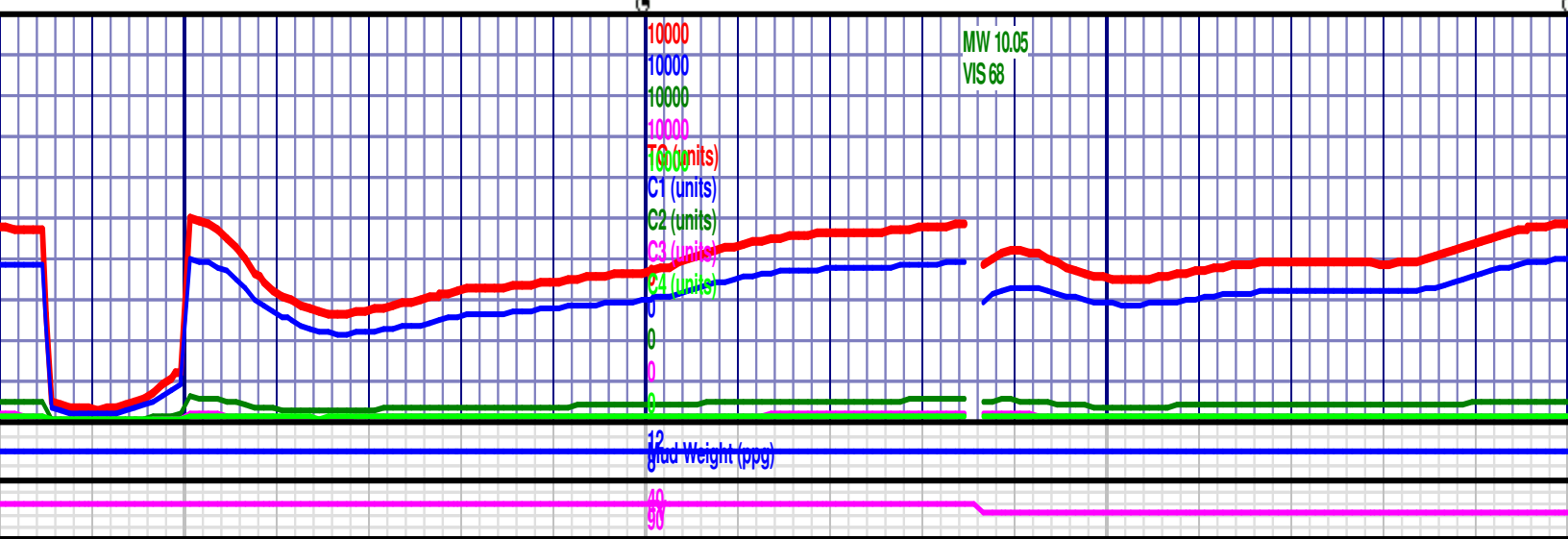
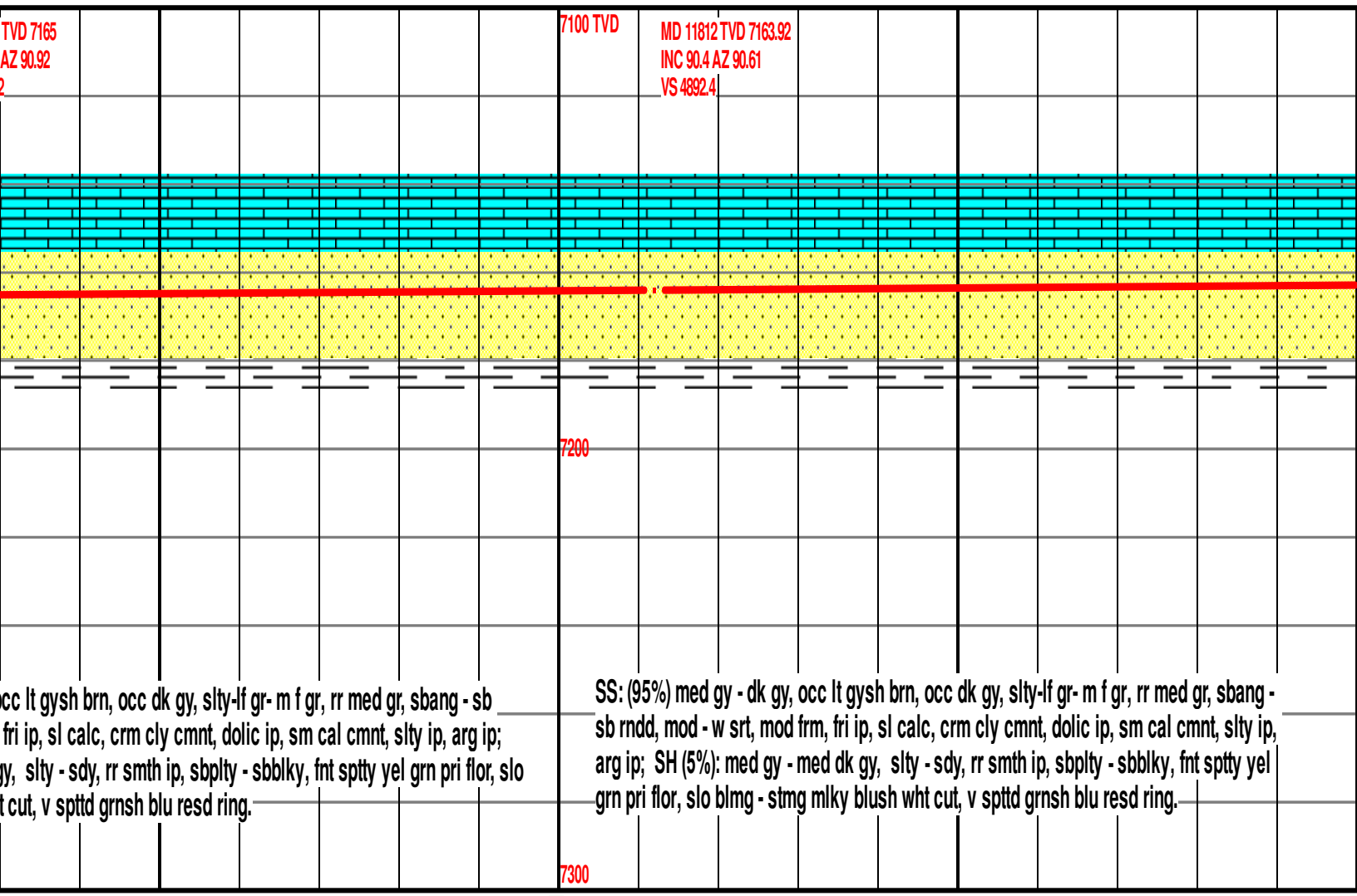
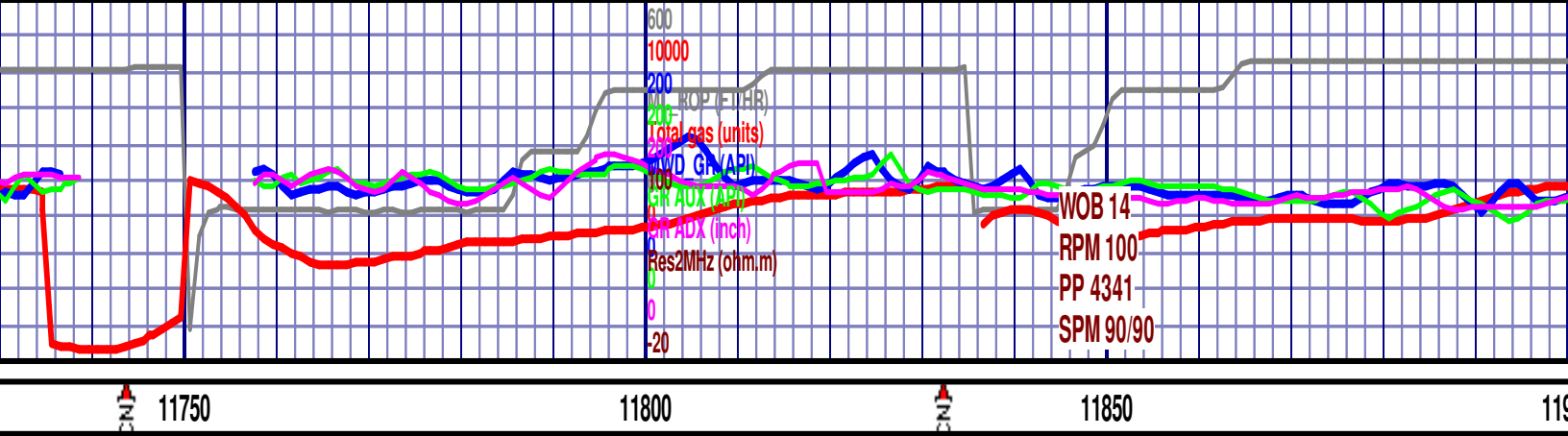
gr- m f gr, rr med gr, sbang - sb rndd, SS: (95%) med gy - dk gy, occ lt gysh brn, occ dk gy, slty-lf gr- m f gr, rr med gr, sbang - sb rndd, mod - w srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH (5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt spty yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.

SS: (95%) med gy - dk gy, o rndd, mod - w srt, mod frm, SH (5%): med gy - med dk g blmg - stmg mlky blush wht

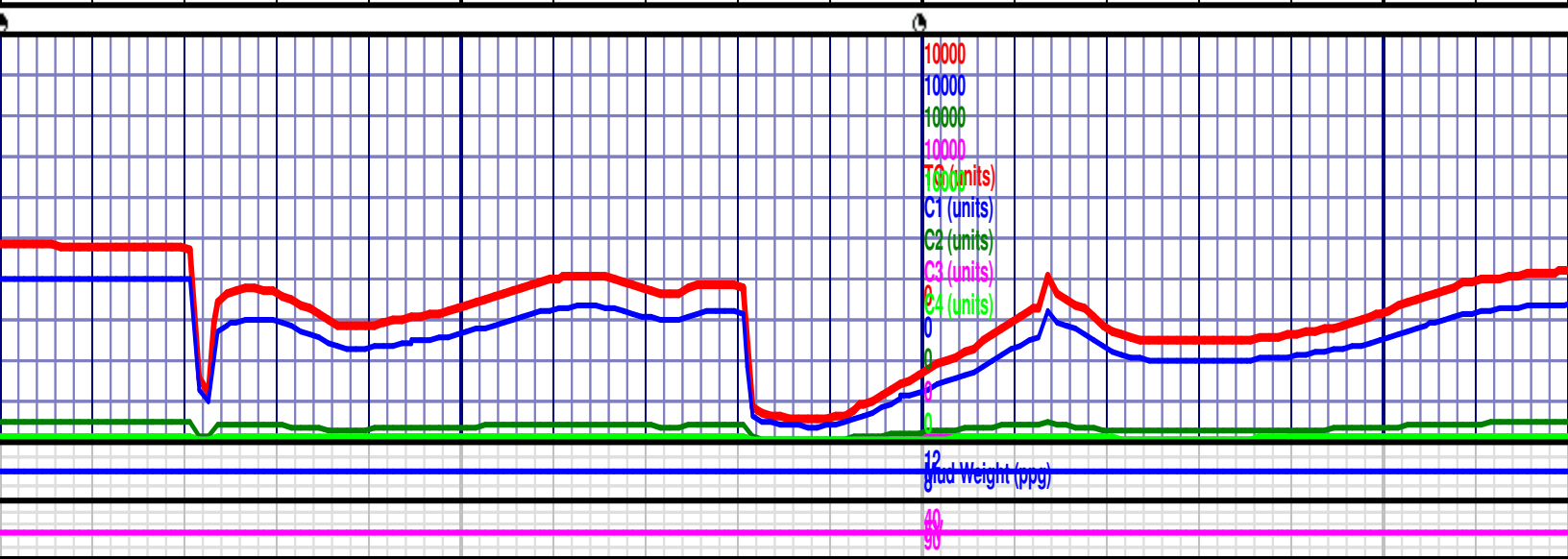
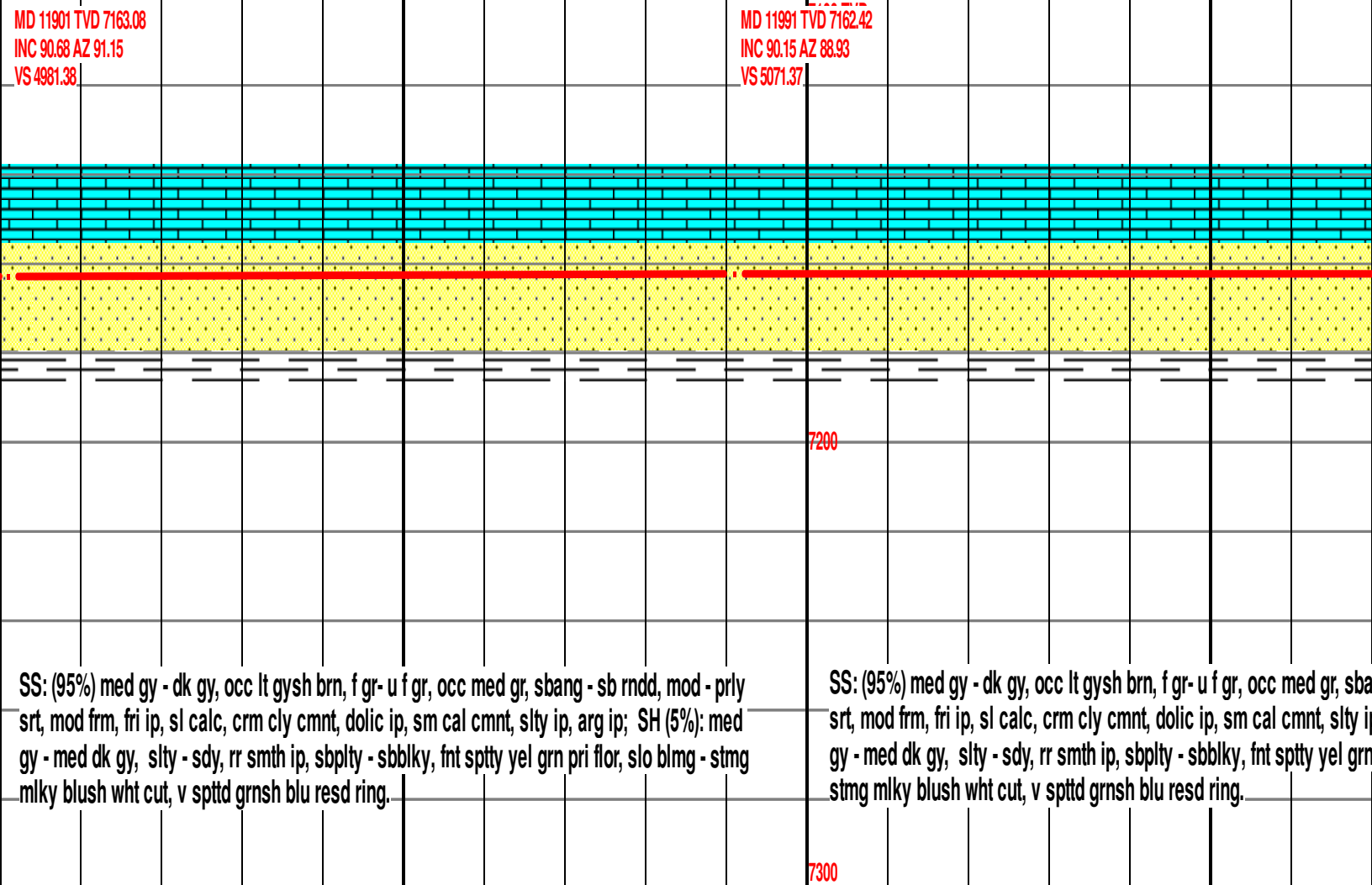
7300



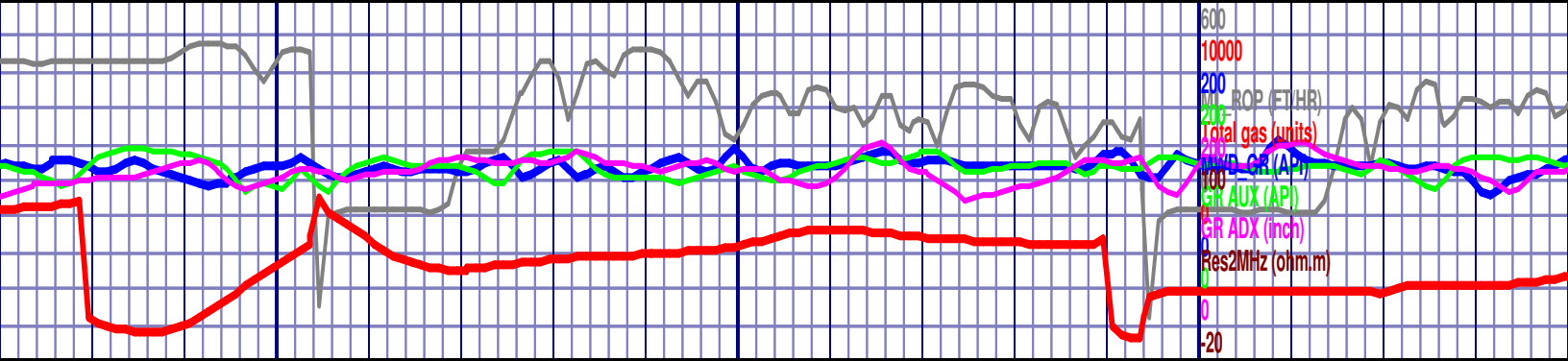






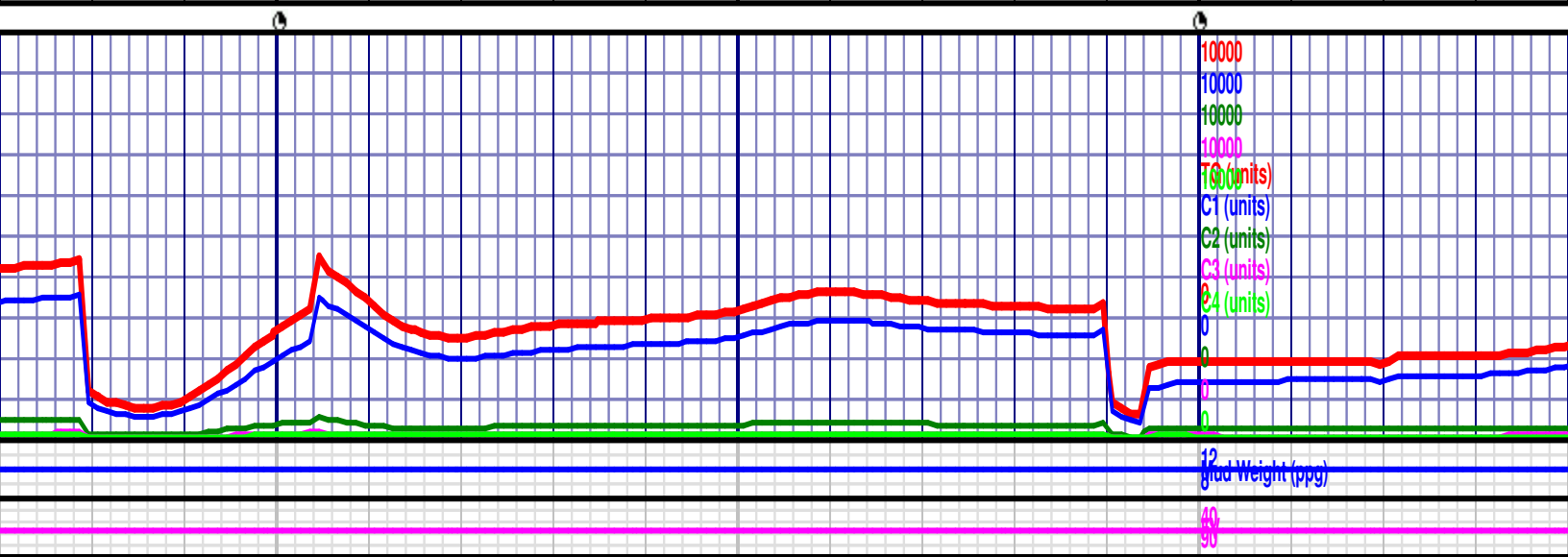




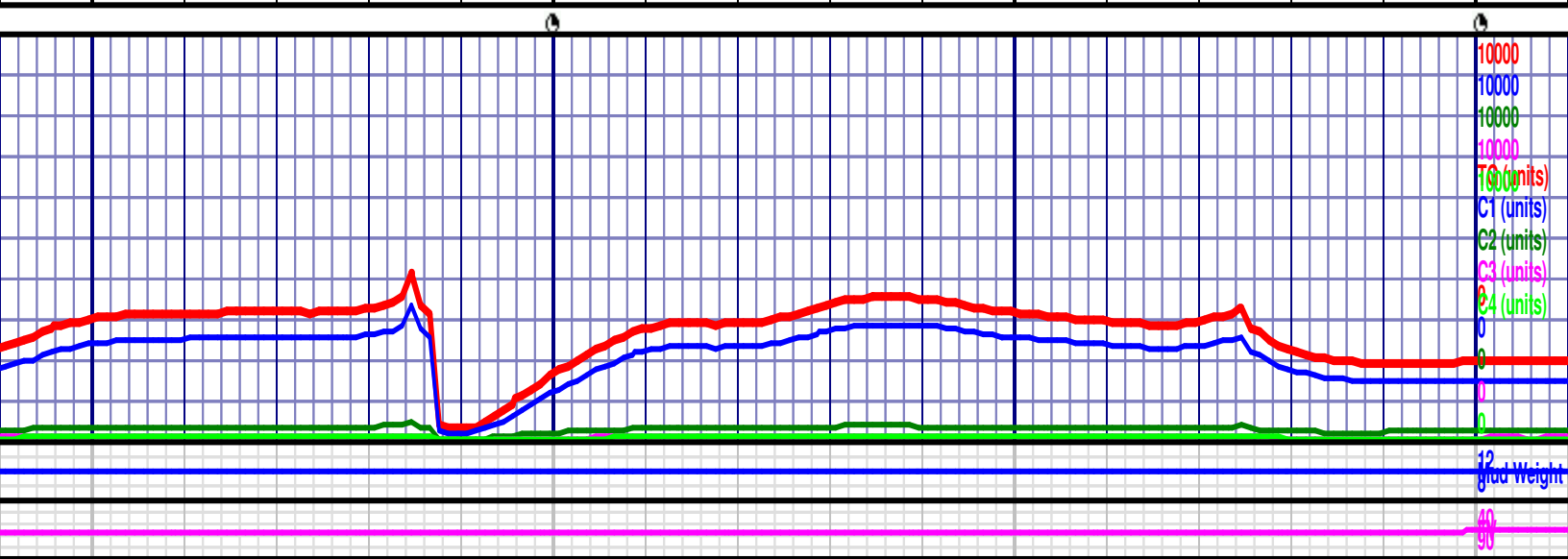
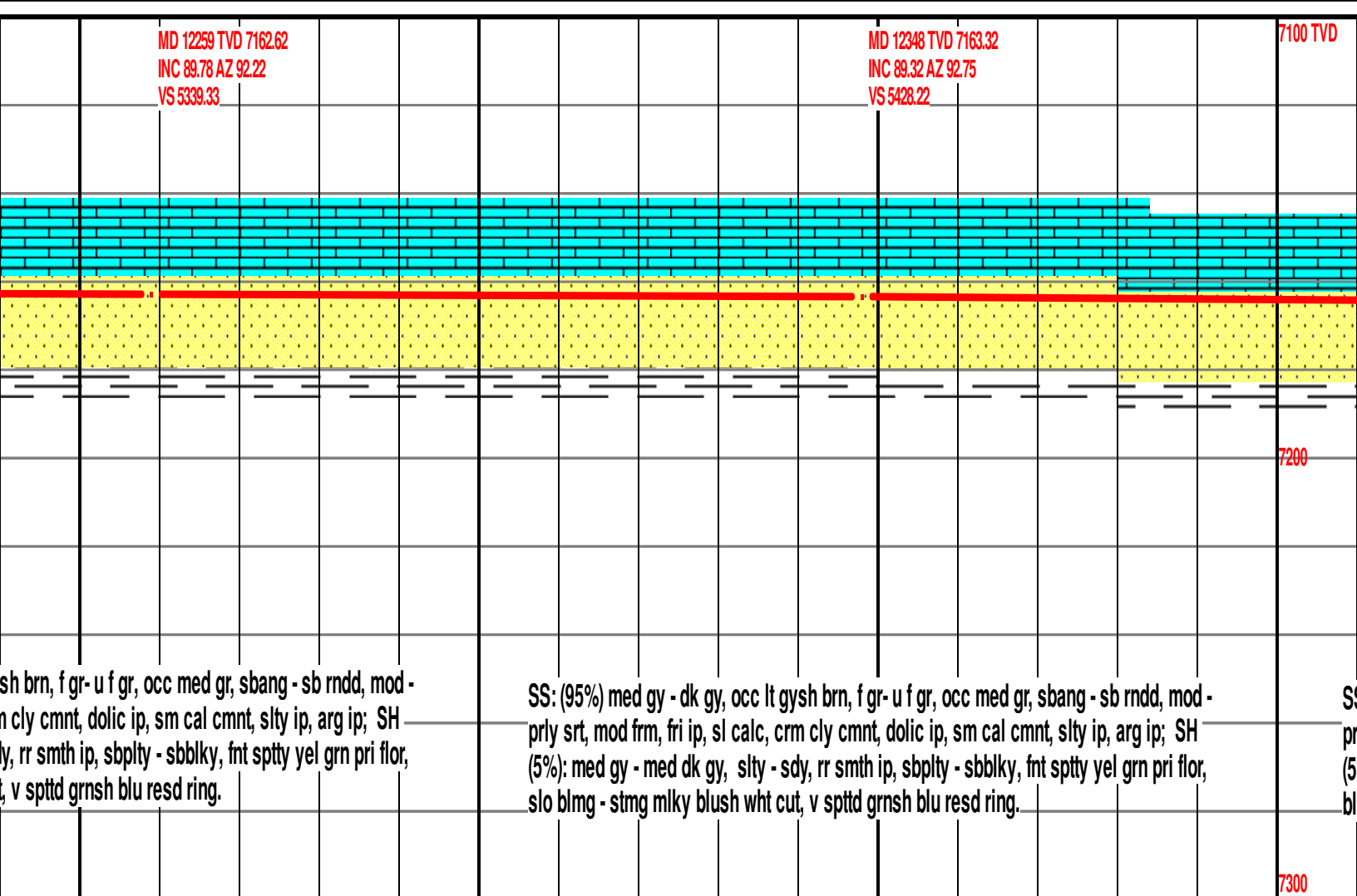
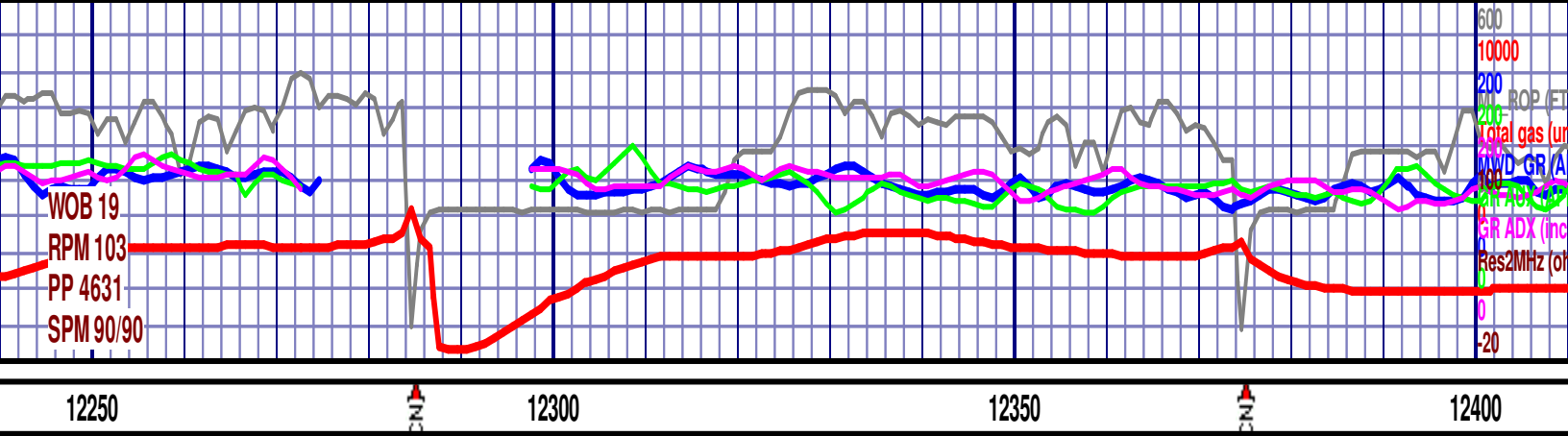


12100 12150 12200

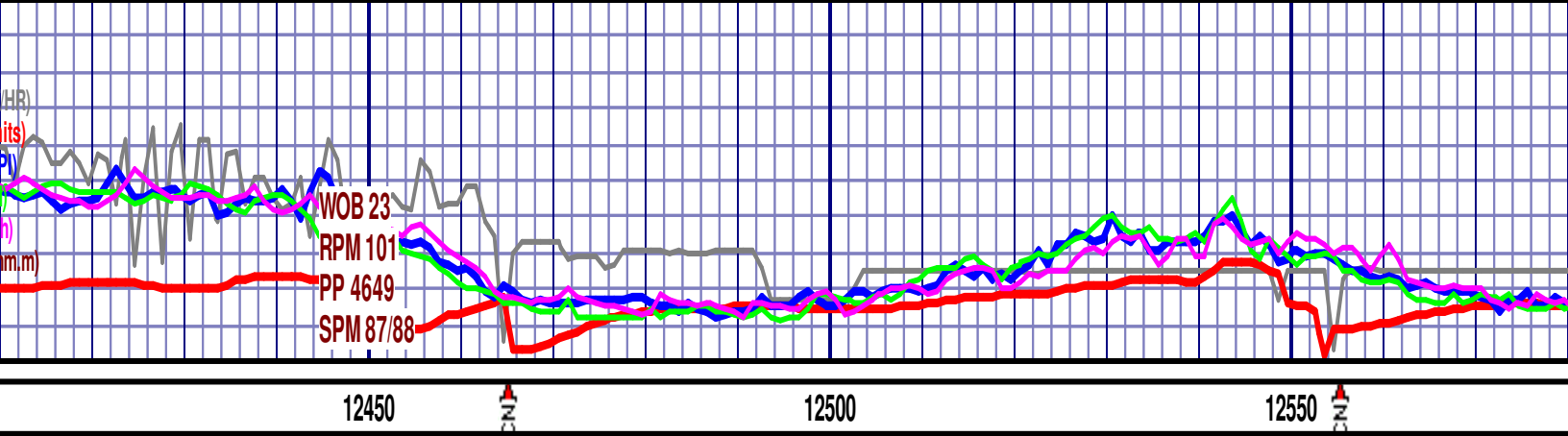
MD 12080 TVD 7162.28 INC 90.03 AZ 89.61 VS 5160.37		MD 12170 TVD 7162.36 INC 89.88 AZ 90.39 VS 5250.37	7100 TVD
ing - sb rndd, mod - prly p, arg ip; SH (5%): med pri flor, slo blmg -	SS: (95%) med gy - dk gy, occ lt gysh brn, f gr- u f gr, occ med gr, sbang - sb rndd, mod - prly srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH (5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbbly, fnt spty yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.		
			SS: (95%) med gy - dk gy, occ lt gy prly srt, mod frm, fri ip, sl calc, crm (5%): med gy - med dk gy, slty - sd slo blmg - stmg mlky blush wht cut





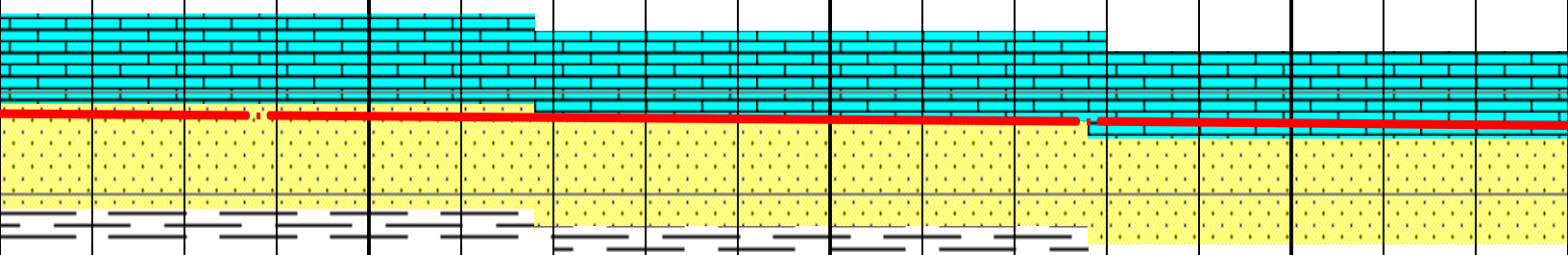






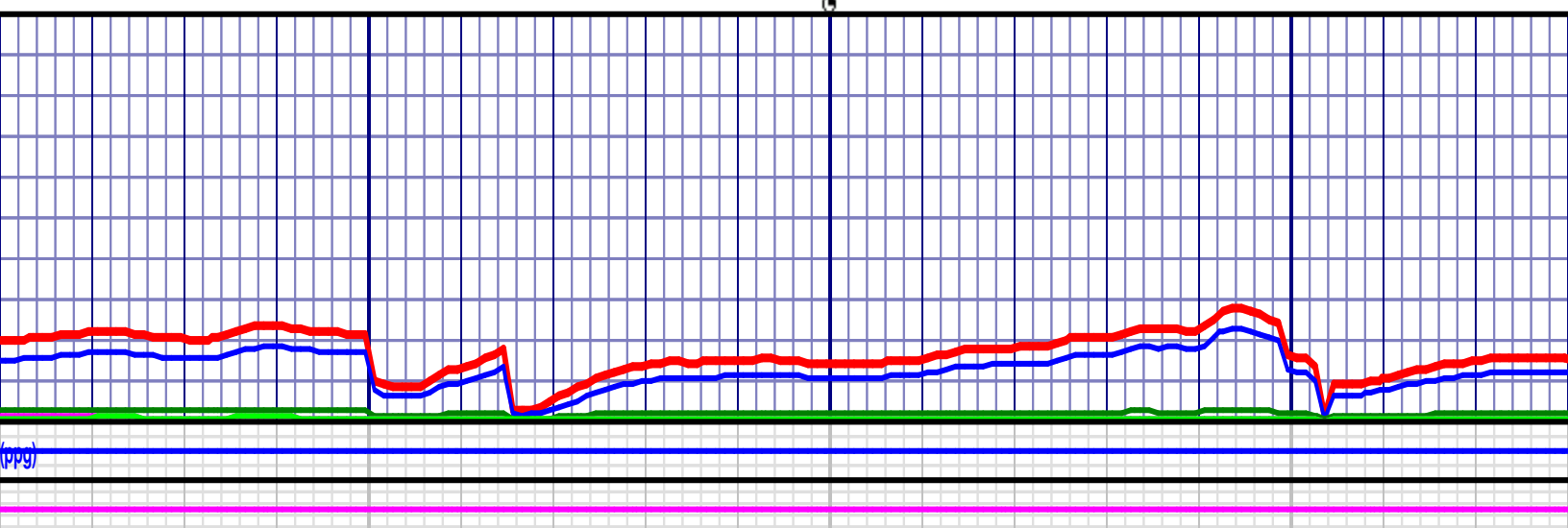
MD 12438 TVD 7164.55  
INC 89.11 AZ 93.42  
VS 5518.06

MD 12528 TVD 7165.74  
INC 89.38 AZ 93.31  
VS 5607.87

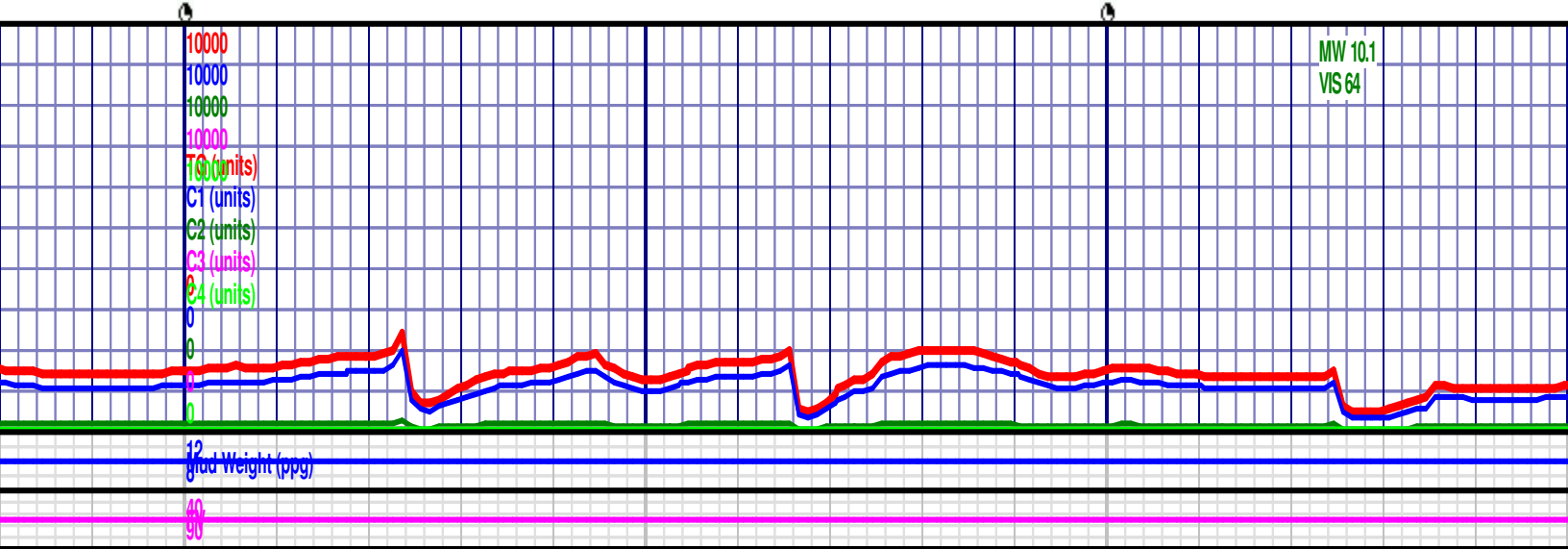
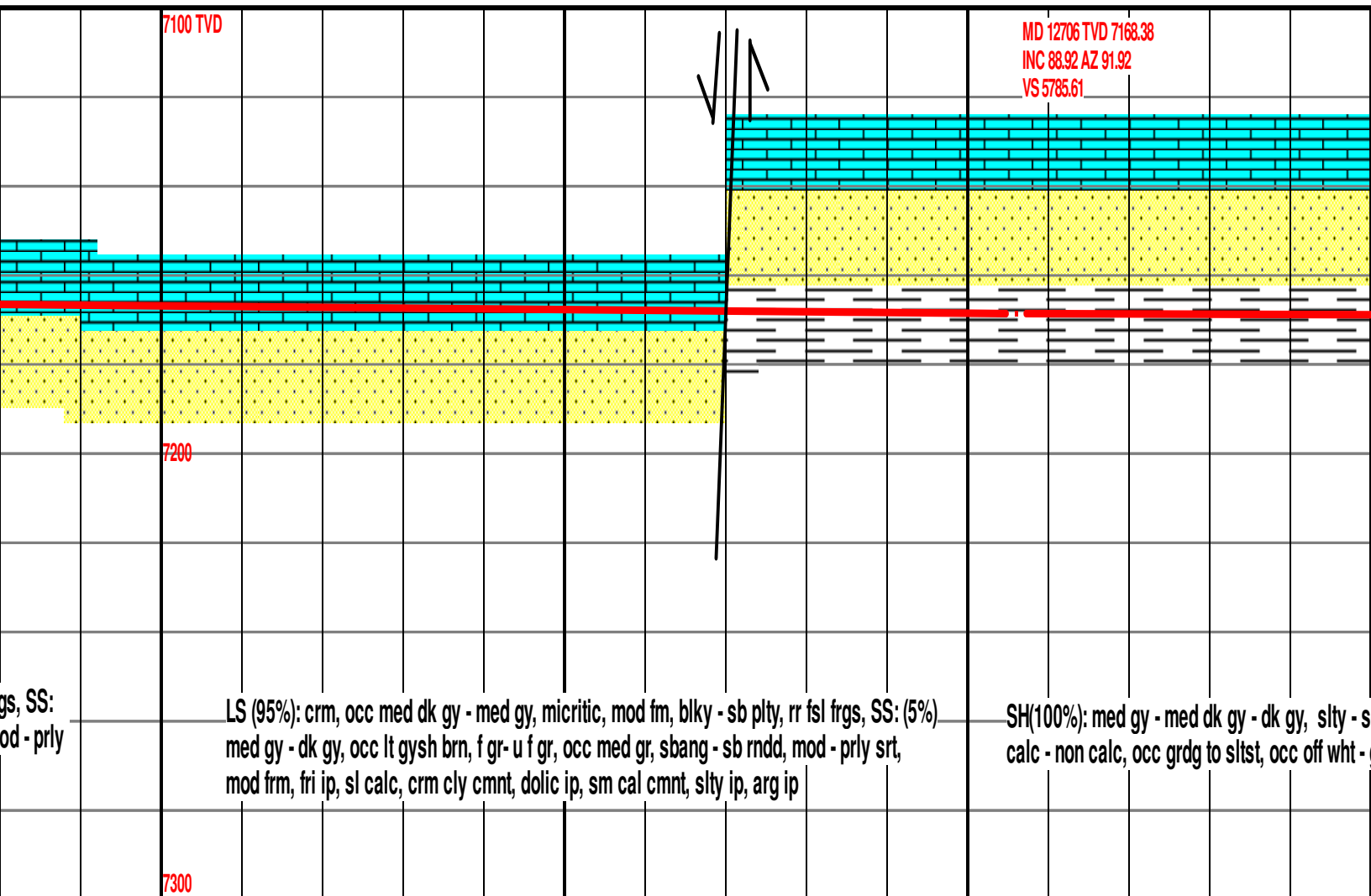
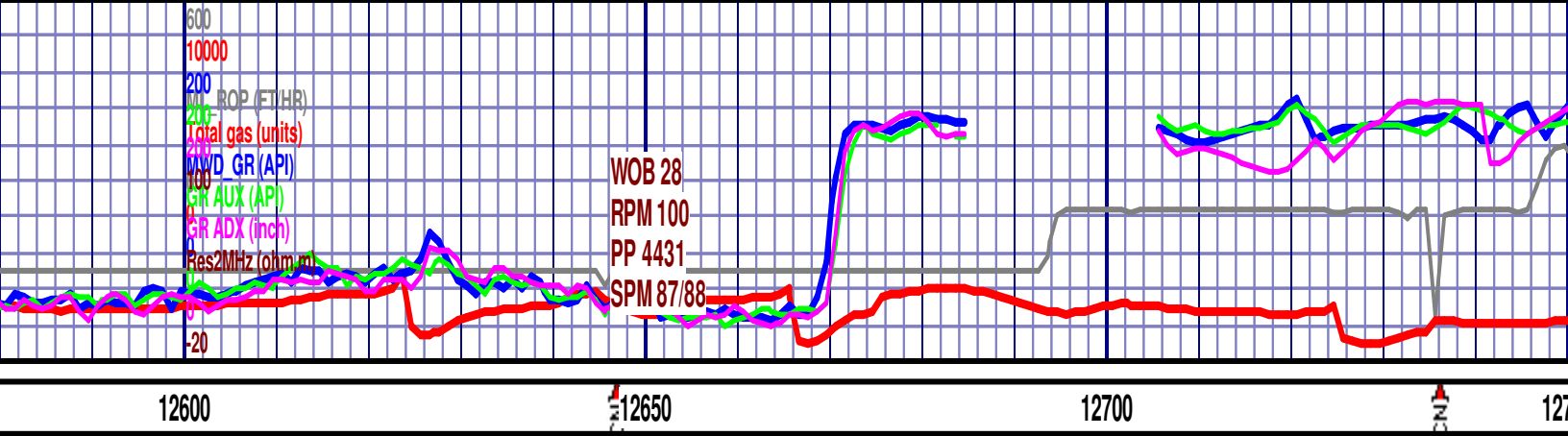


S: (95+%) med gy - dk gy, occ lt gysh brn, f gr- u f gr, occ med gr, sbang - sb rndd, mod -  
ly srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip; SH  
(5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt spty yel grn pri flor, slo  
mg - stmg milky blush wht cut, v spttd grnsh blu resd ring.

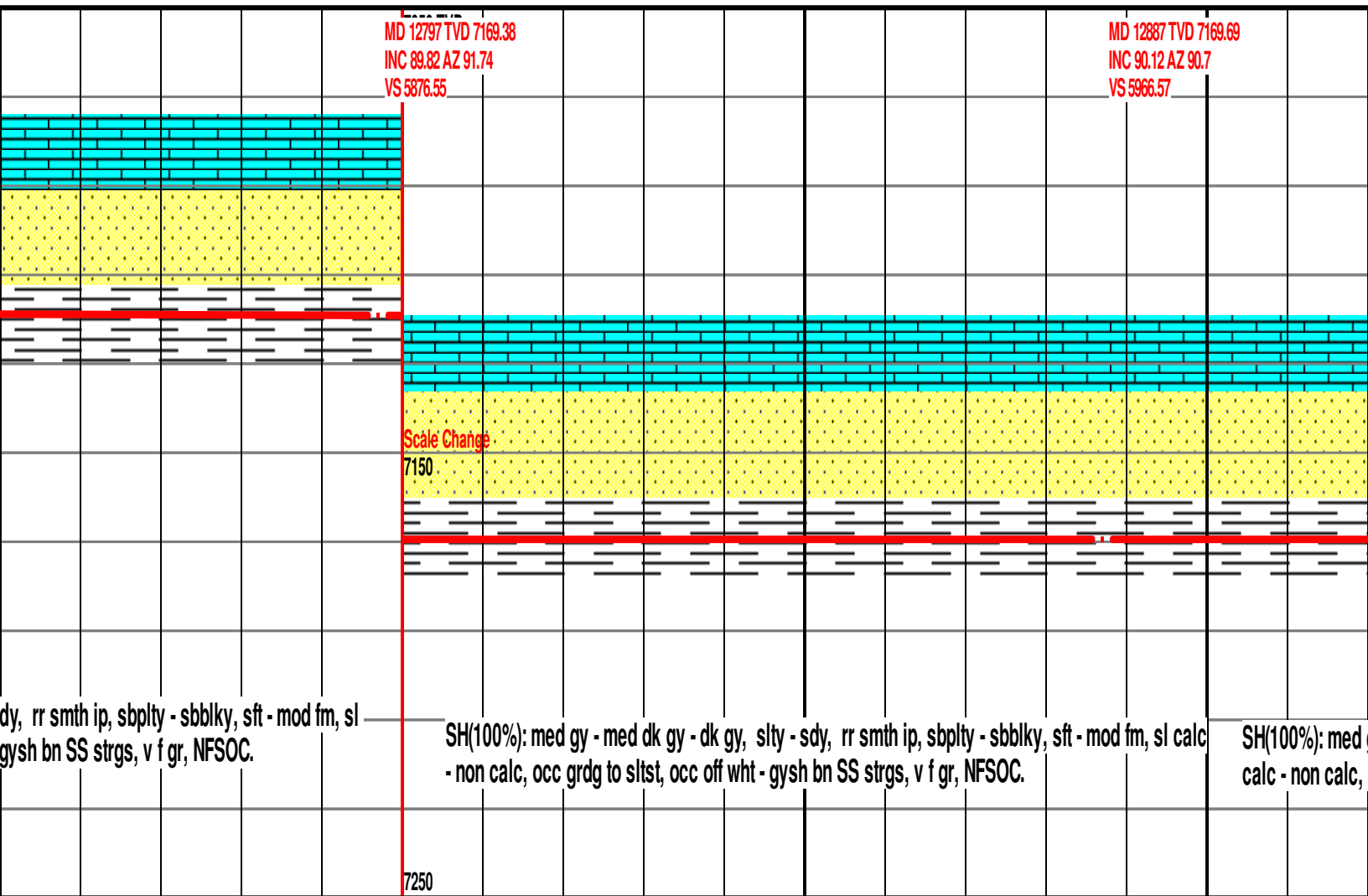
LS (95%): crm, occ med dk gy - med gy, micritic, mod fm, blkly - sb plty, rr fsl fr  
(5%) med gy - dk gy, occ lt gysh brn, f gr- u f gr, occ med gr, sbang - sb rndd, m  
srt, mod frm, fri ip, sl calc, crm cly cmnt, dolc ip, sm cal cmnt, slty ip, arg ip



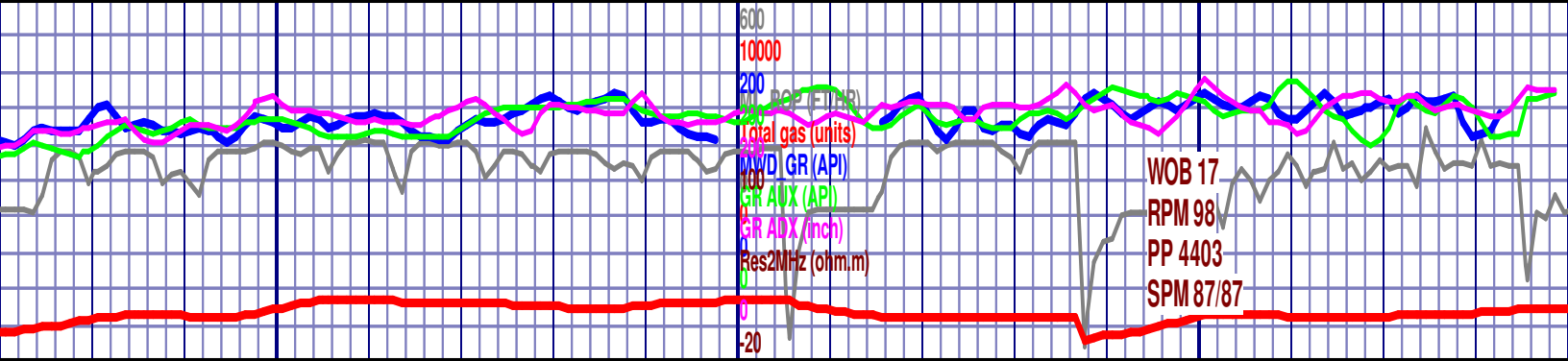










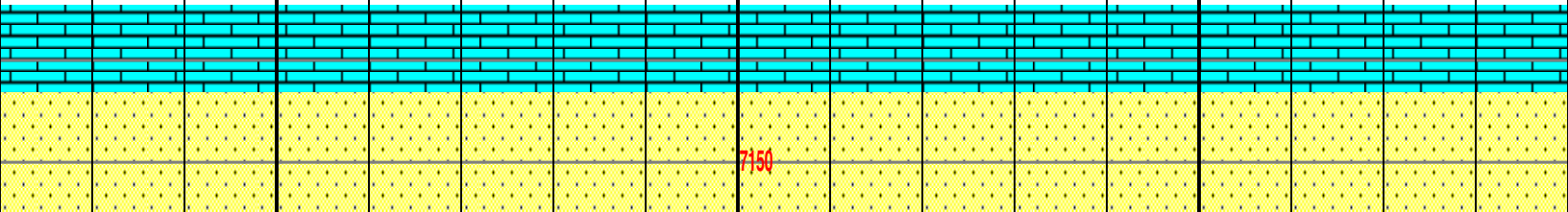


12950 13000 13050

MD 12976 TVD 7169.22  
INC 90.49 AZ 88.99  
VS 6055.57

7050 TVD

MD 13066 TVD 7168.49  
INC 90.43 AZ 86.88  
VS 6145.51

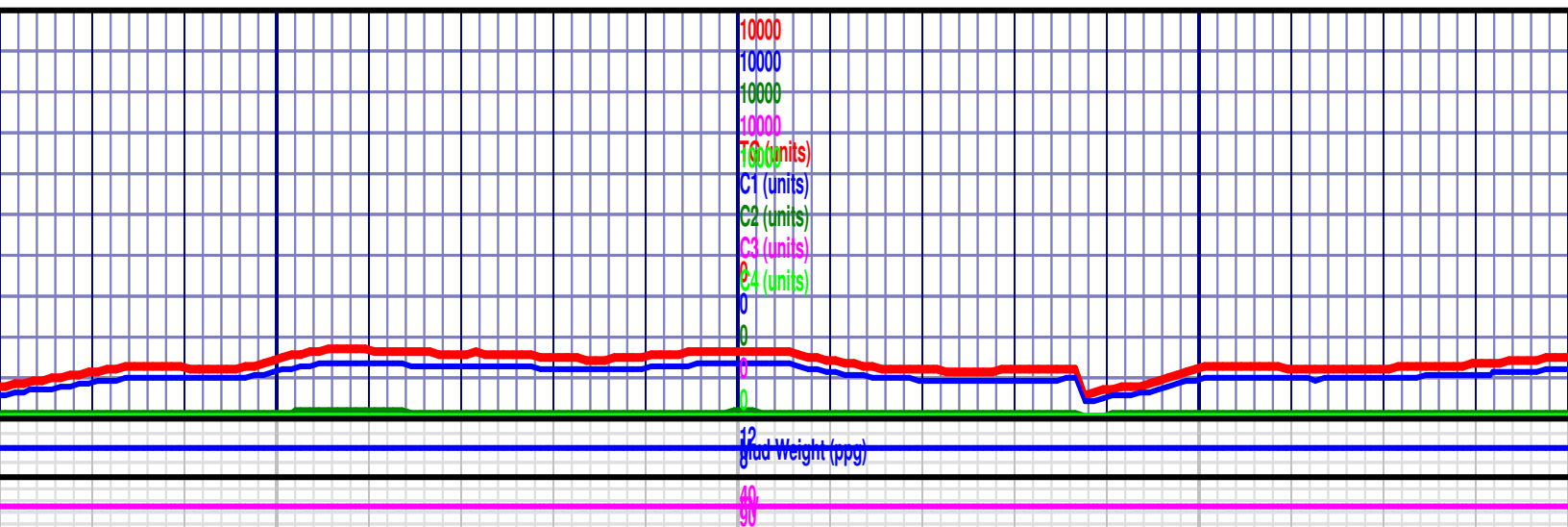


7150

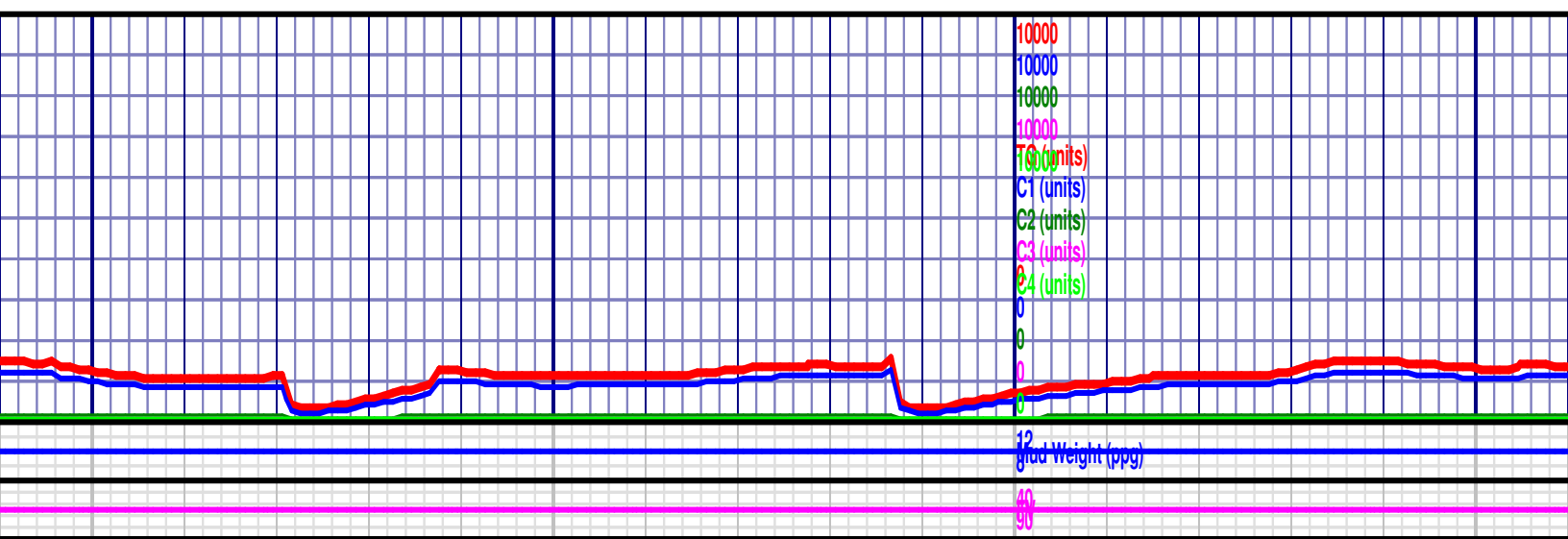
gy - med dk gy - dk gy, slty - sdy, rr smth ip, sbplty - sbblky, sft - mod fm, sl  
occ grd to sltst, occ off wht - gysh bn SS strgs, v f gr, NFSOC.

SH(100%): med gy - med dk gy - dk gy, slty - sdy, rr smth ip, sbplty - sbblky, sft - mod fm  
- non calc, occ grd to sltst, occ off wht - gysh bn SS strgs, v f gr, NFSOC.

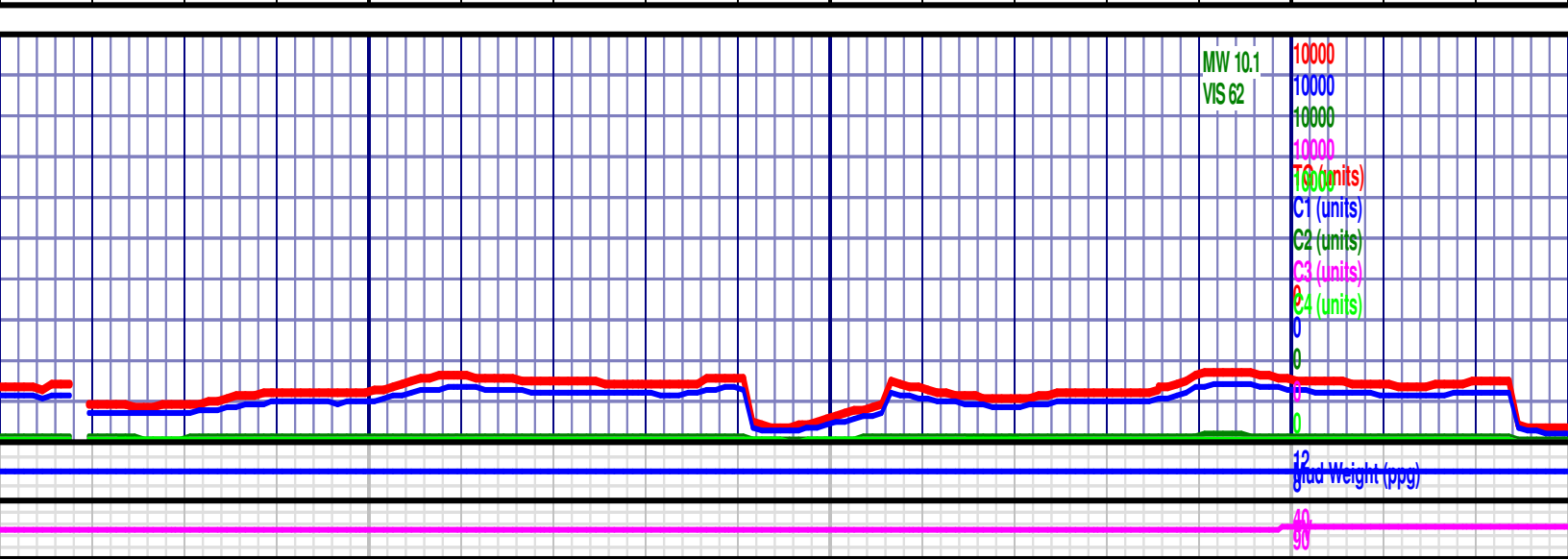
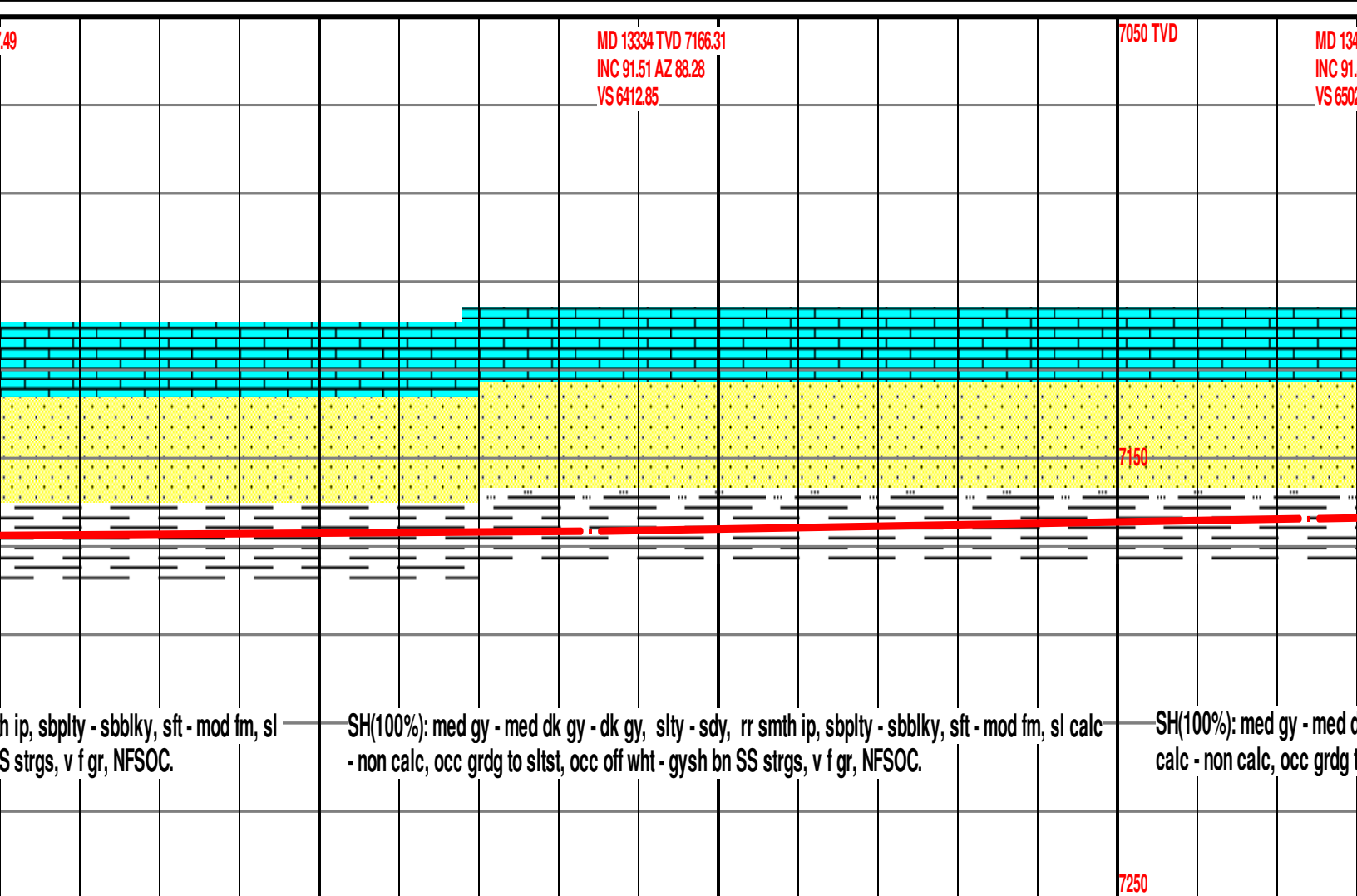
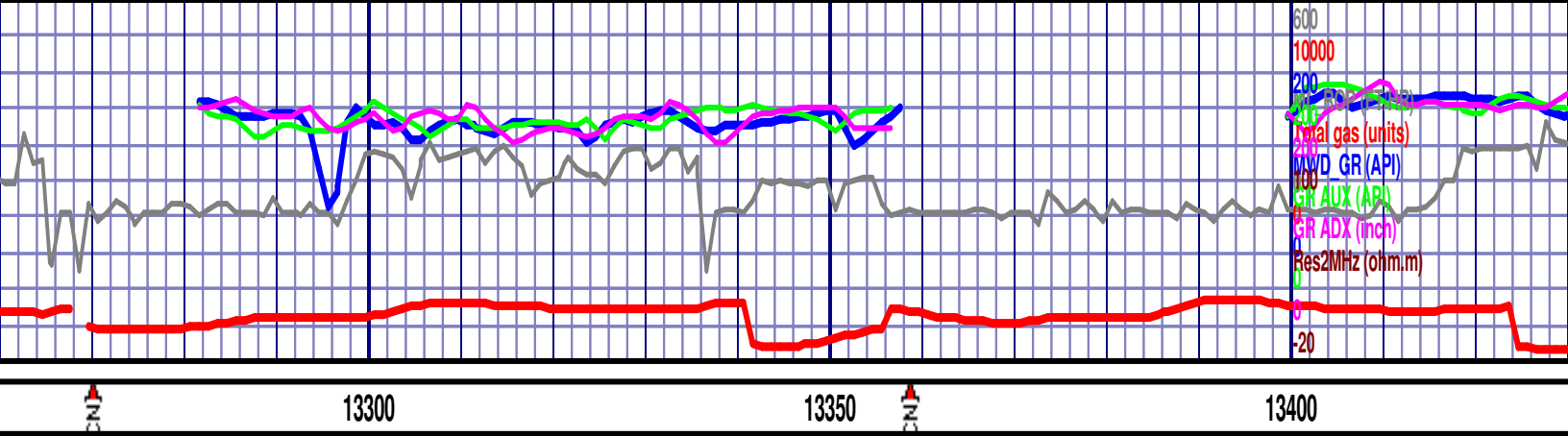
7250



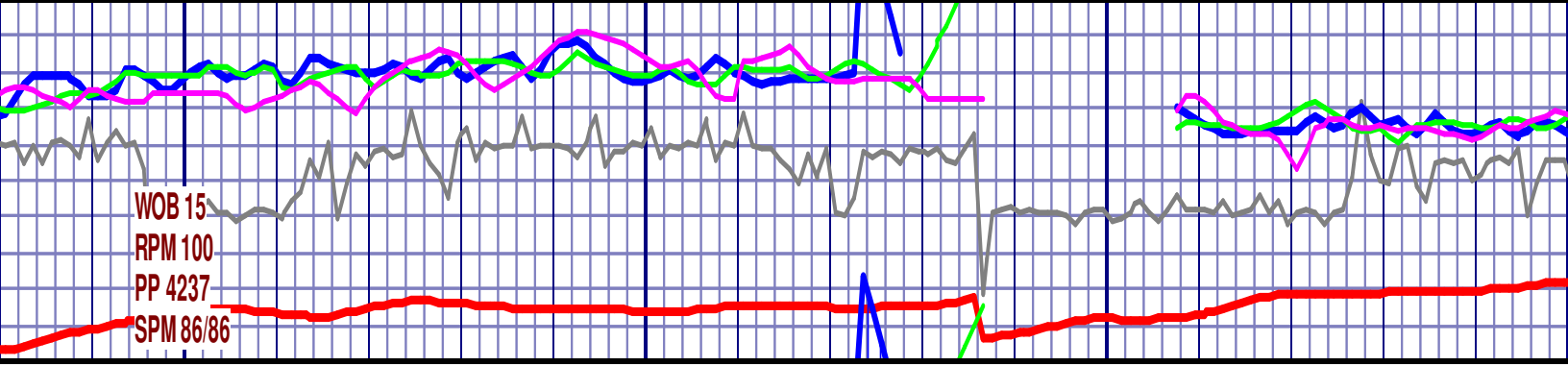






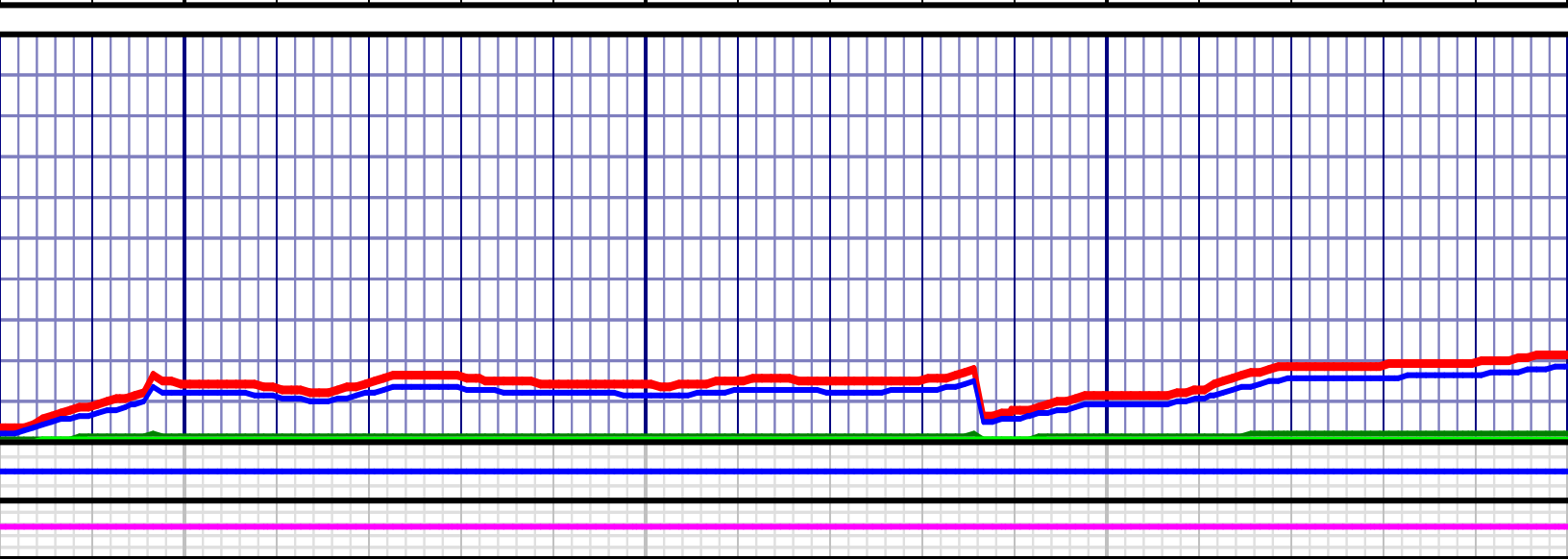
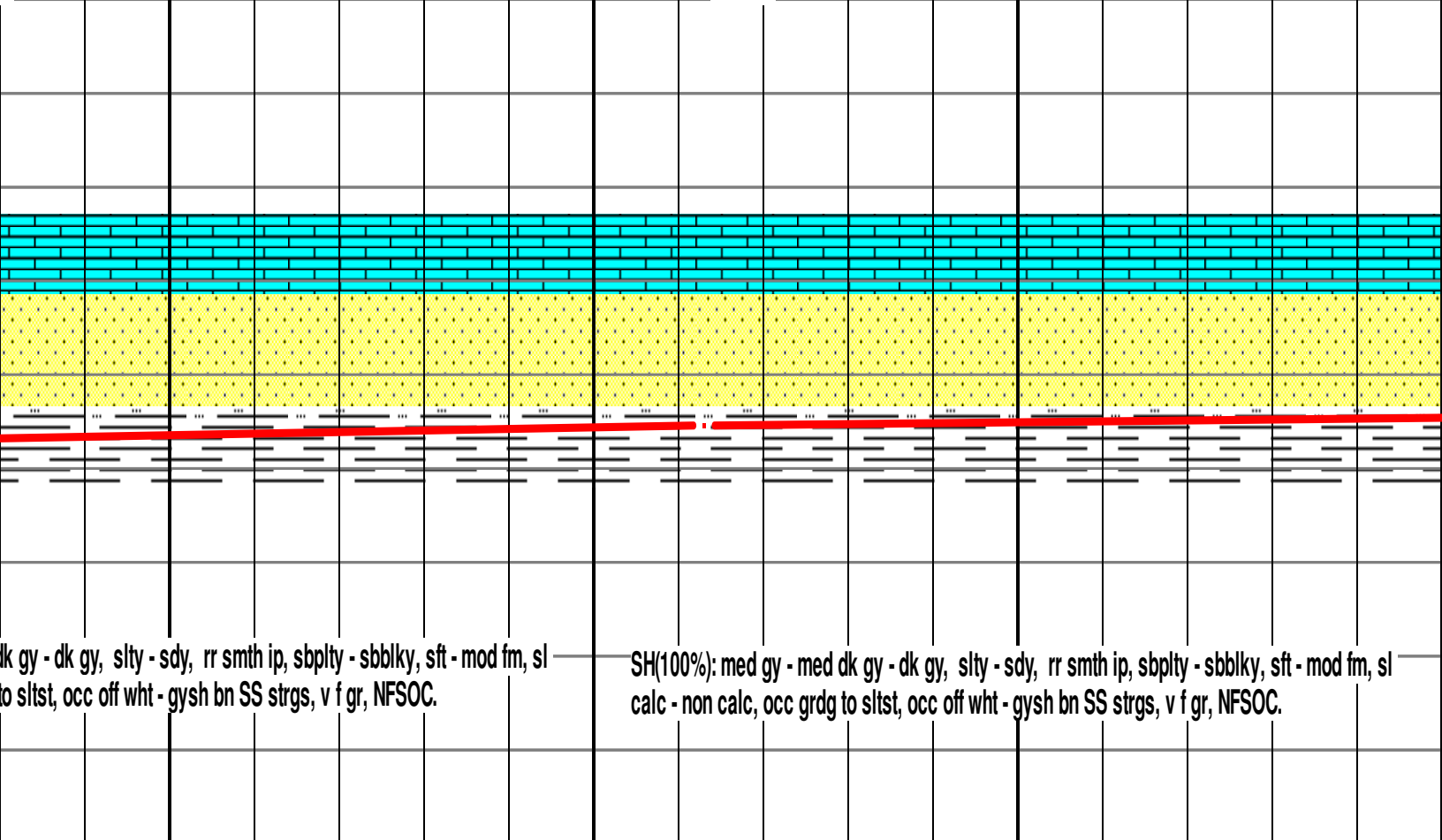




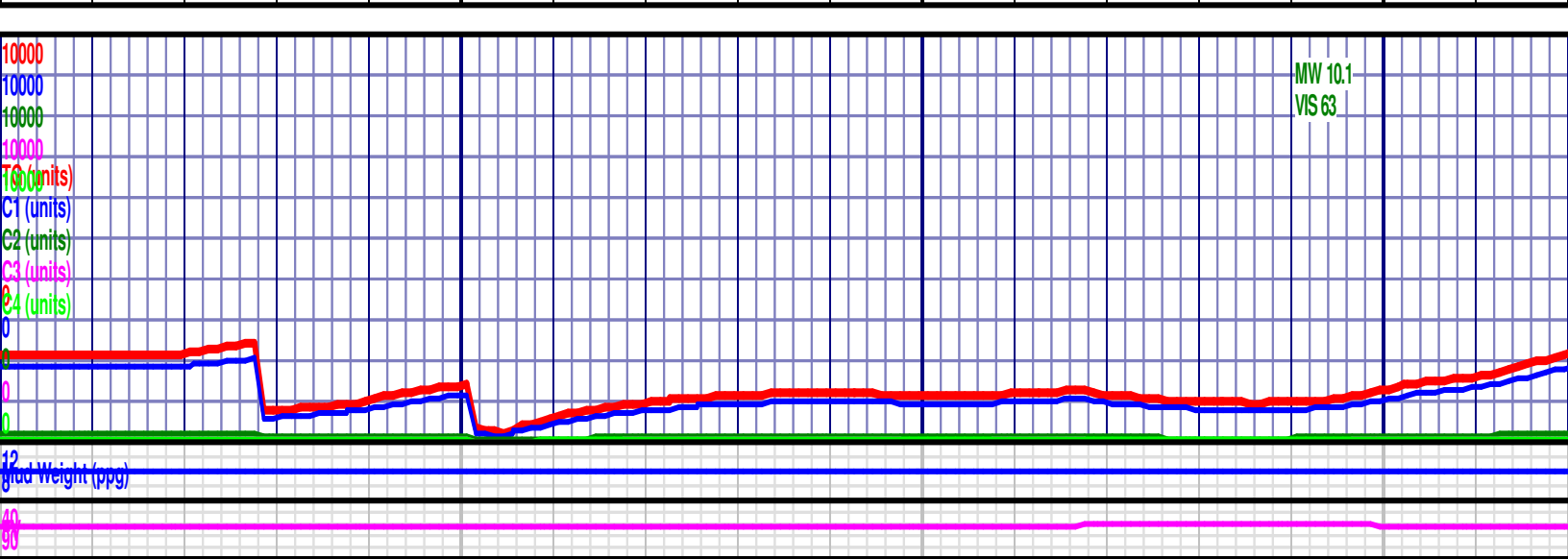
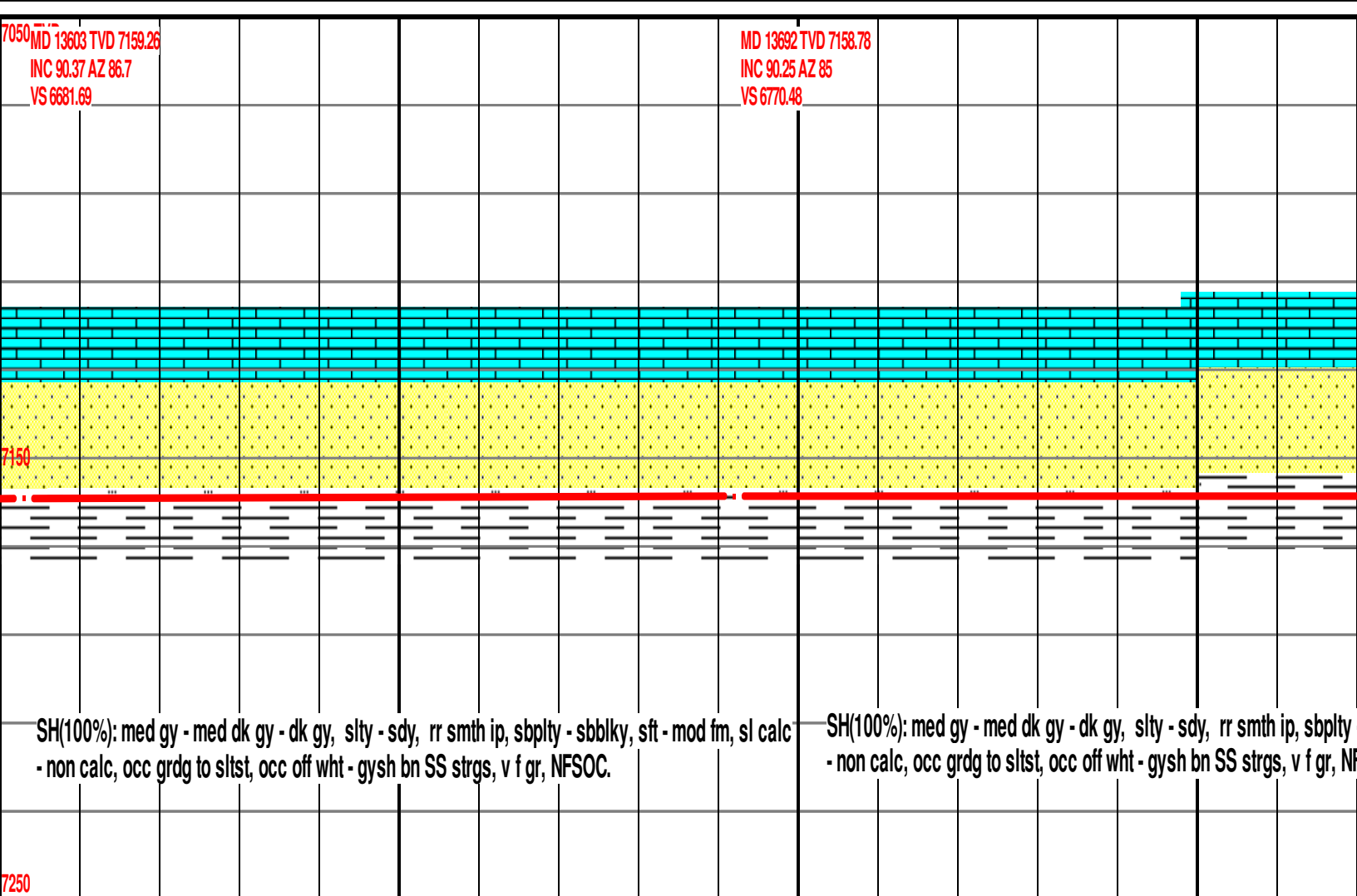
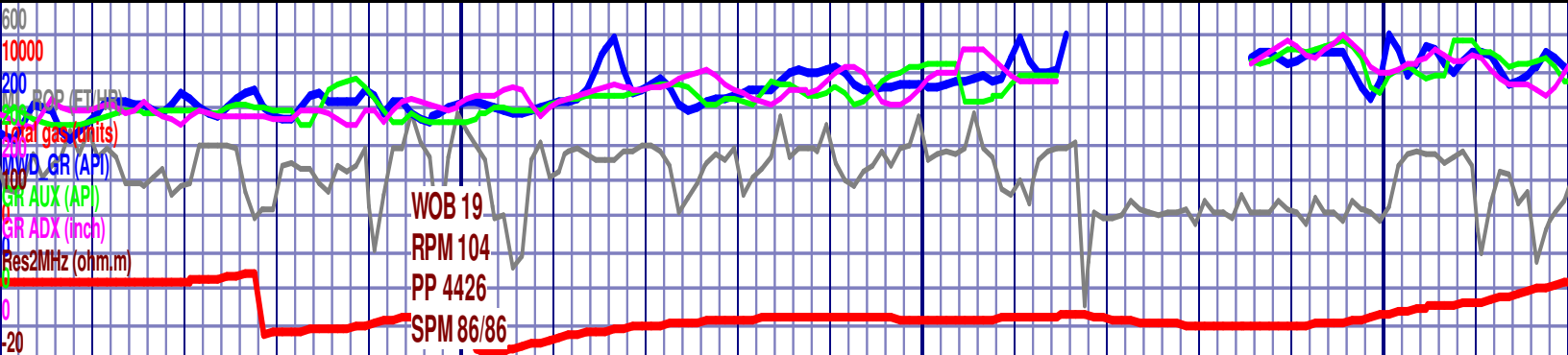


13450 13500 13550 13600

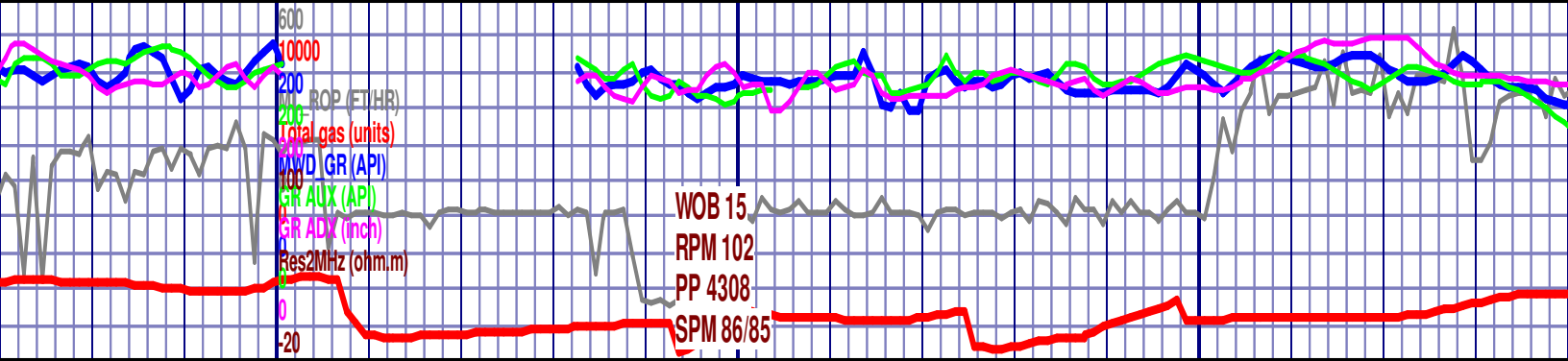
MD 13513 TVD 7160.9  
INC 91.72 AZ 88.98  
VS 6591.76











13800

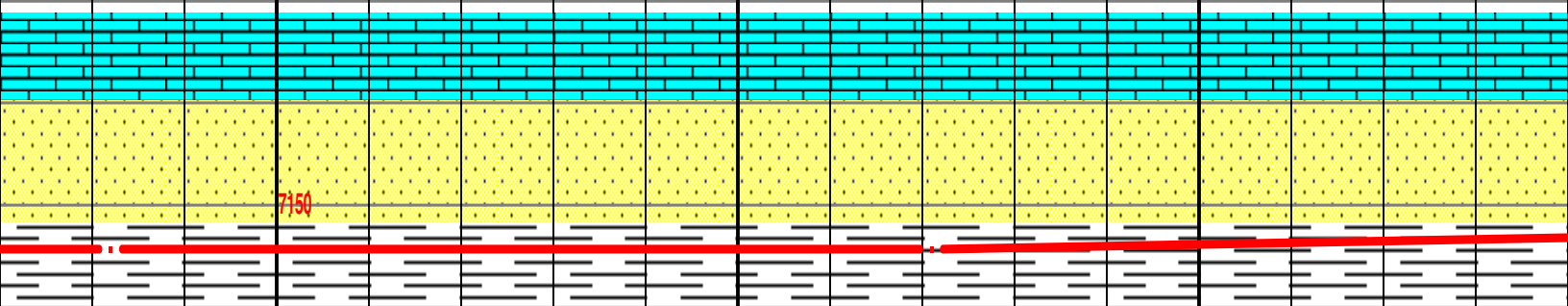
13850

13900

MD 13782 TVD 7158.76  
INC 89.78 AZ 84.76  
VS 6860.16

7050 TVD

MD 13871 TVD 7158.64  
INC 90.37 AZ 88.17  
VS 6949

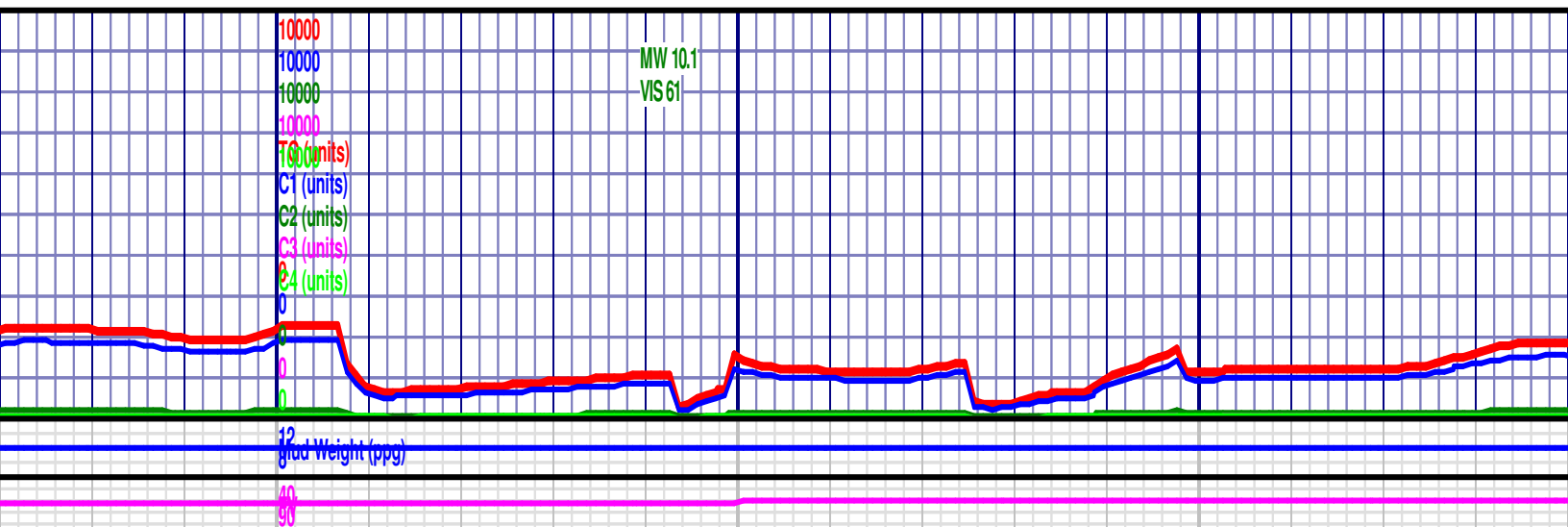


- sbbly, sft - mod fm, sl calc  
- SOC.

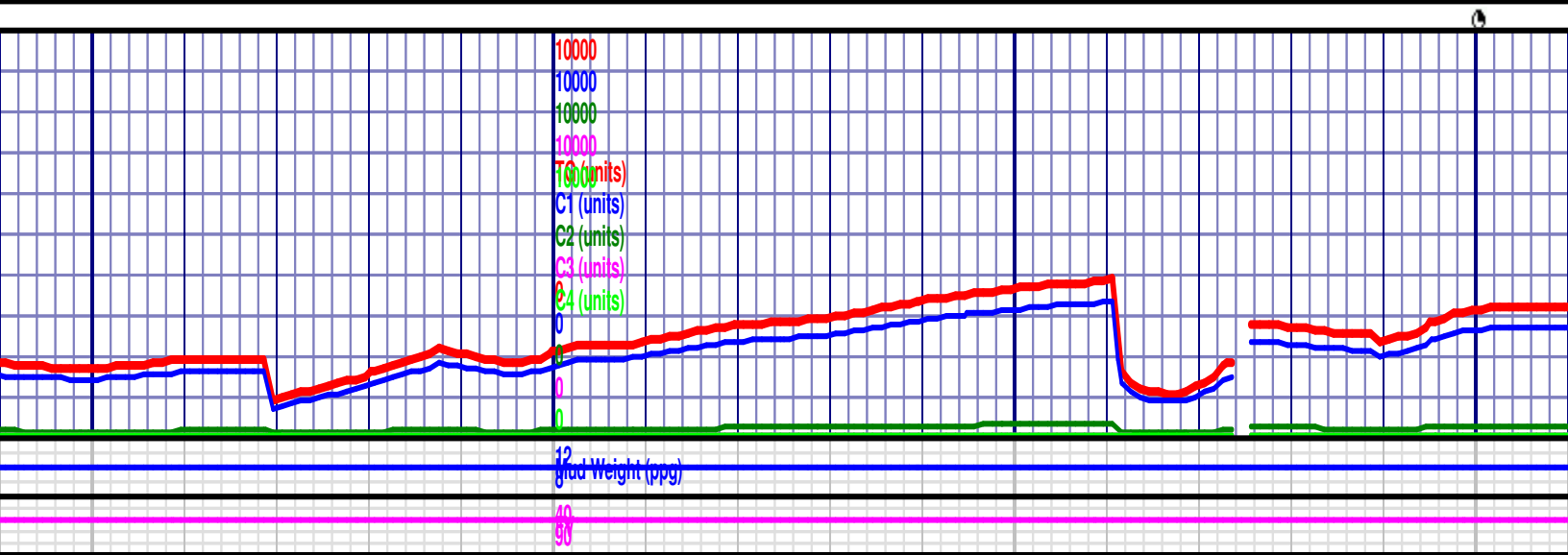
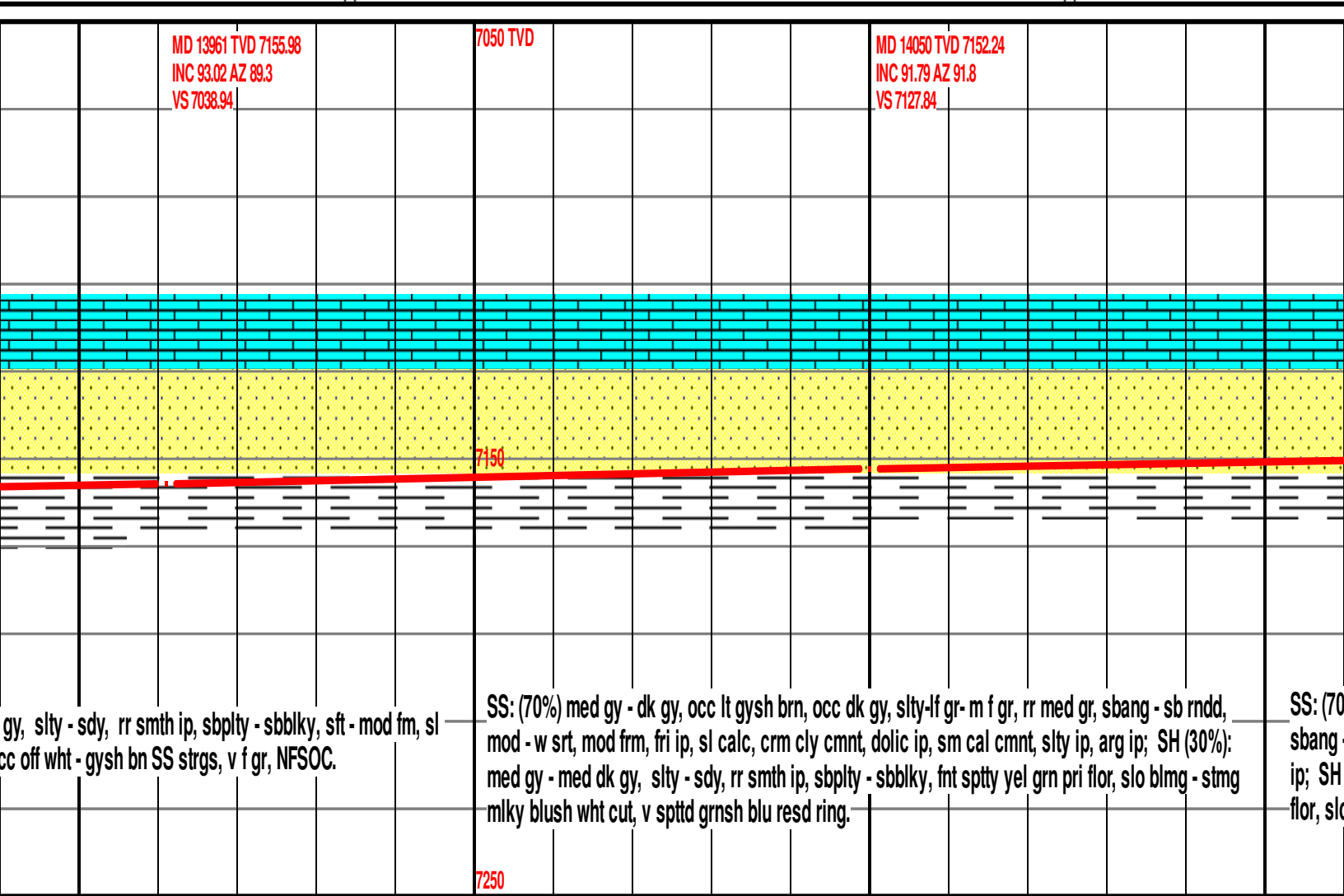
SH(100%): med gy - med dk gy - dk gy, slty - sdy, rr smth ip, sbply - sbbly, sft - mod fm, sl calc  
- non calc, occ grdg to sltst, occ off wht - gysh bn SS strgs, v f gr, NFSOC.

SH(100%): med gy - med dk gy - dk  
calc - non calc, occ grdg to sltst, o

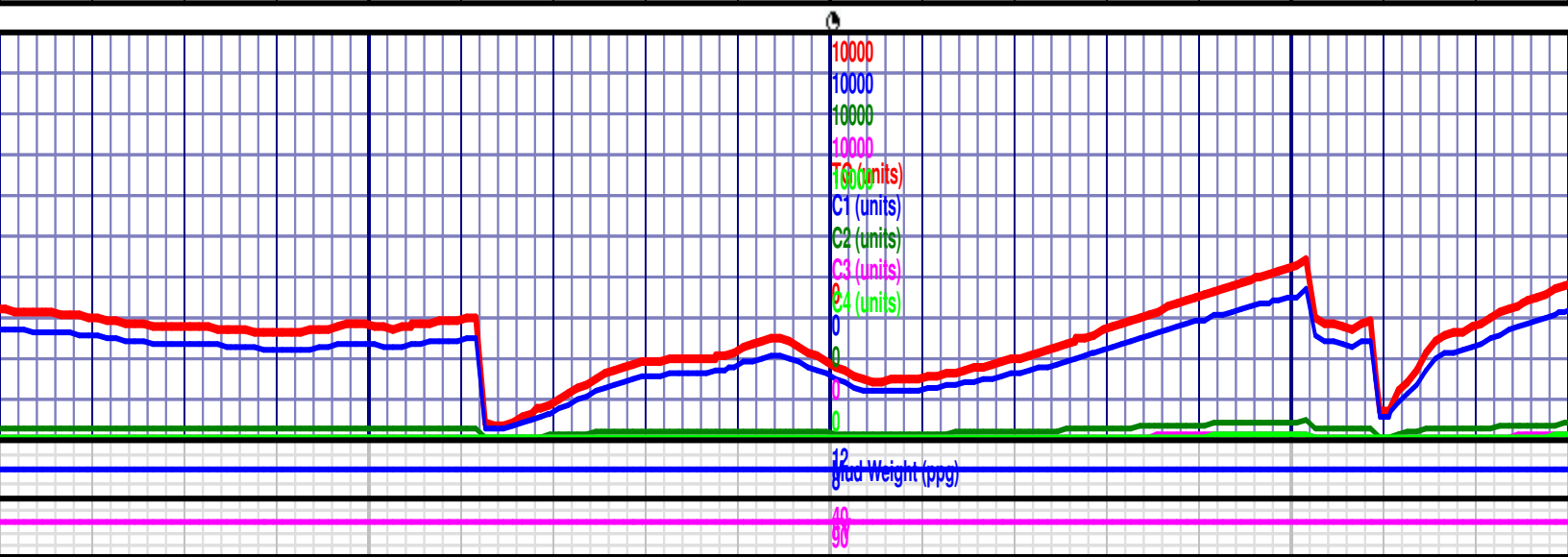
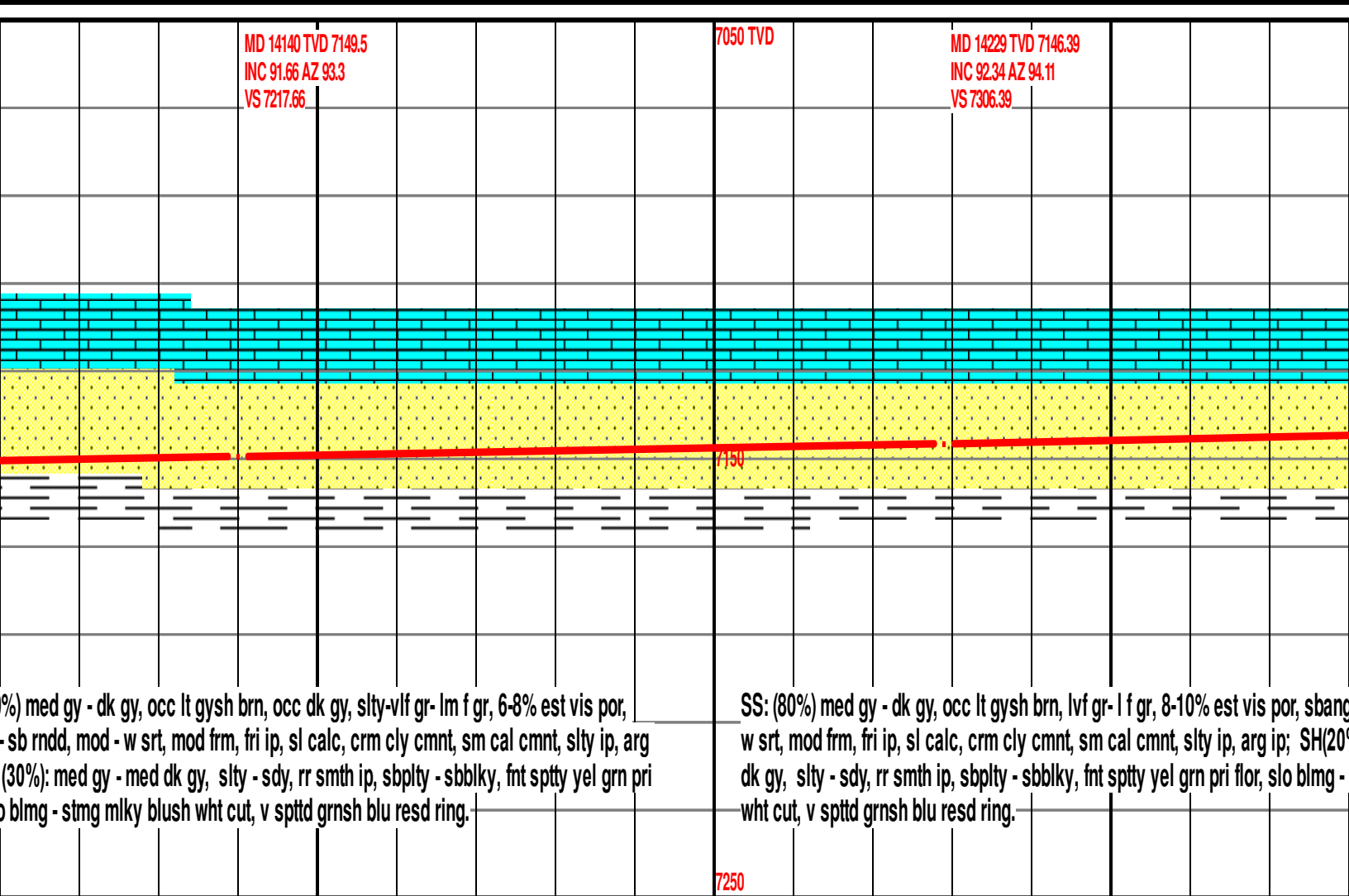
7250



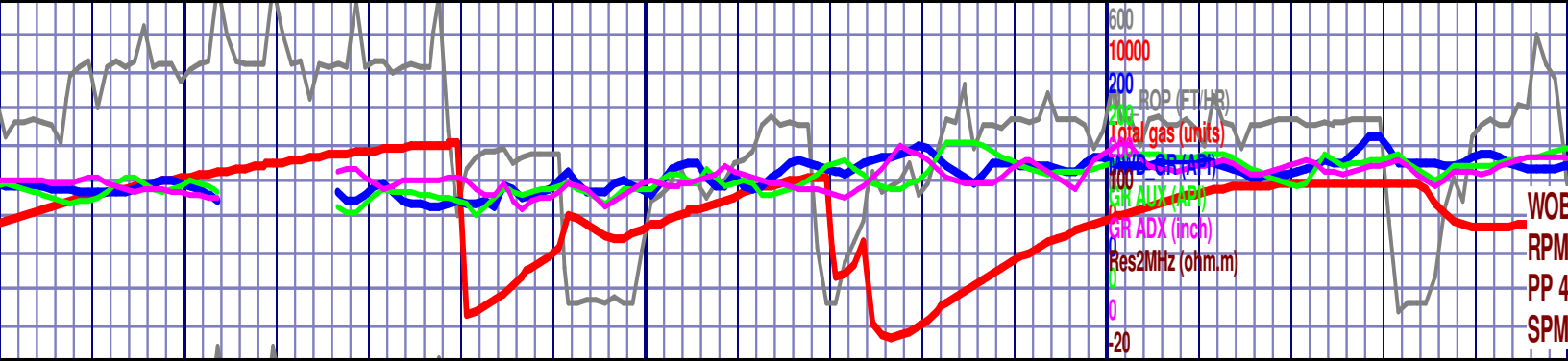






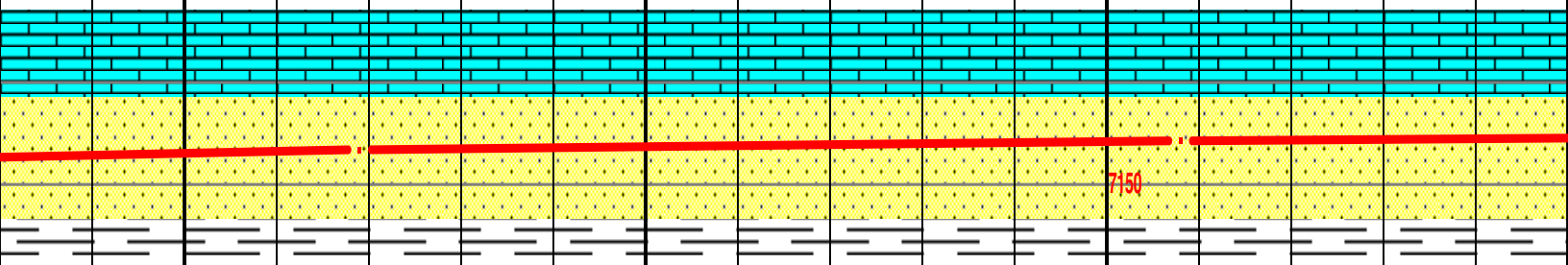






MD 14319 TVD 7143.17  
INC 91.76 AZ 92.6  
VS 7396.14

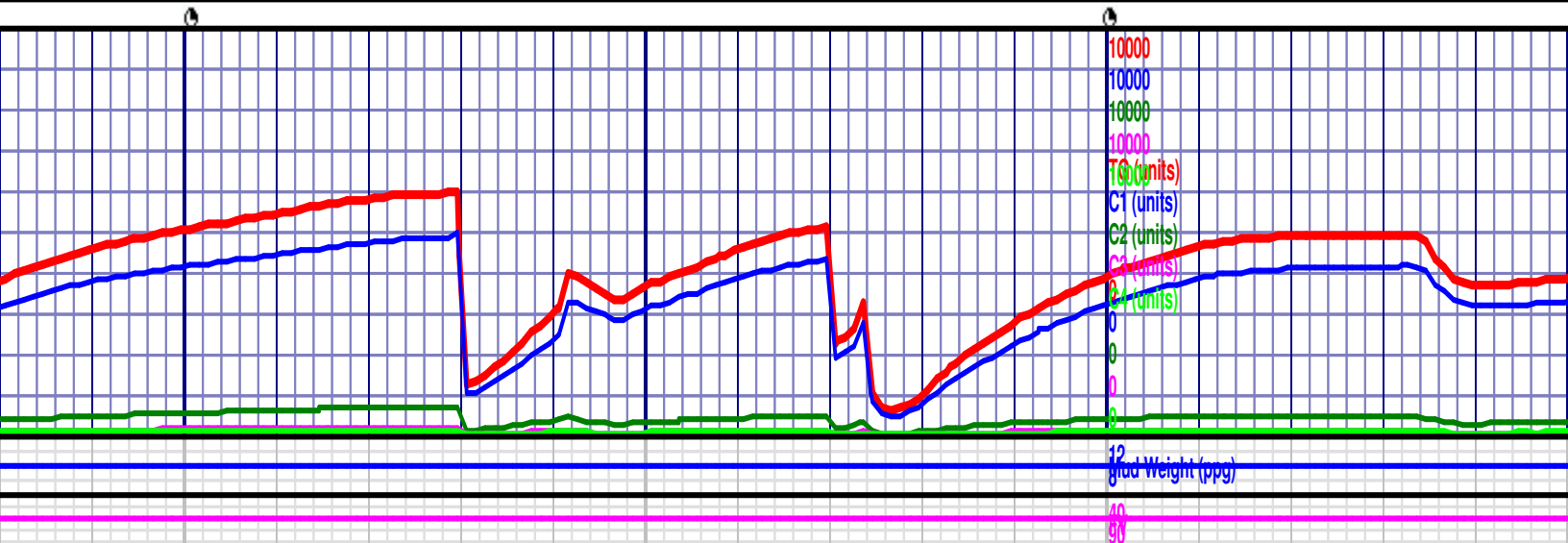
7050 TVD MD 14408 TVD 7141.21  
INC 90.77 AZ 91.73  
VS 7485.04



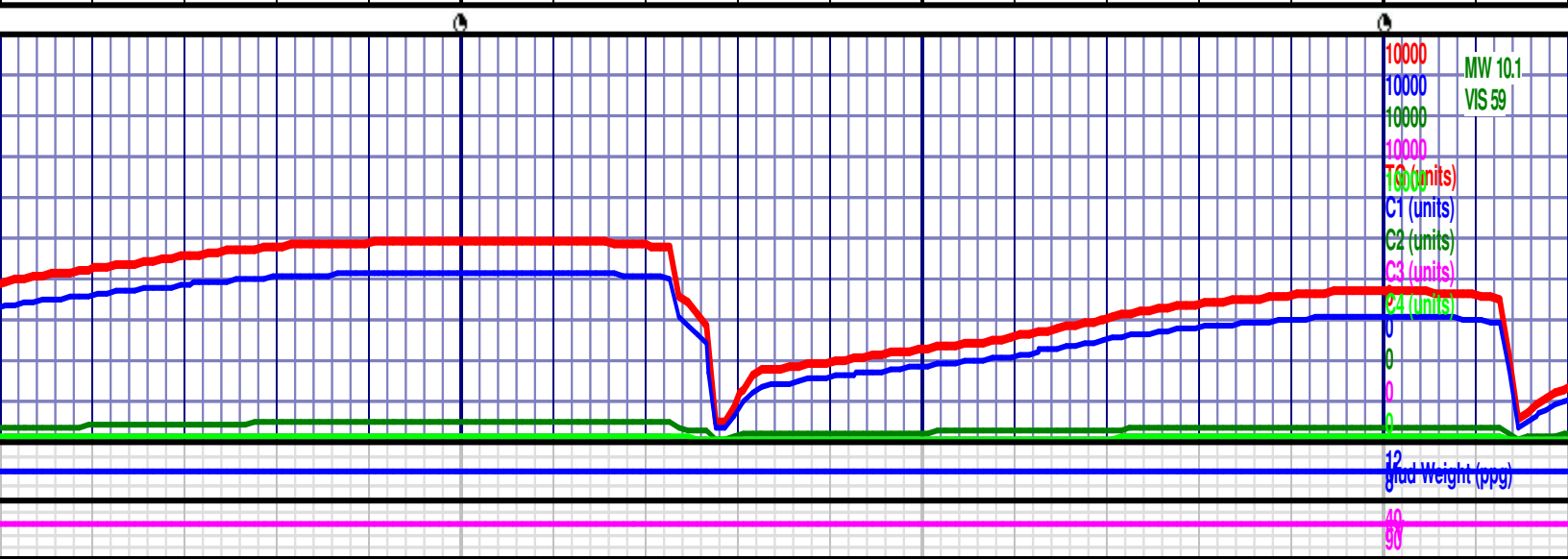
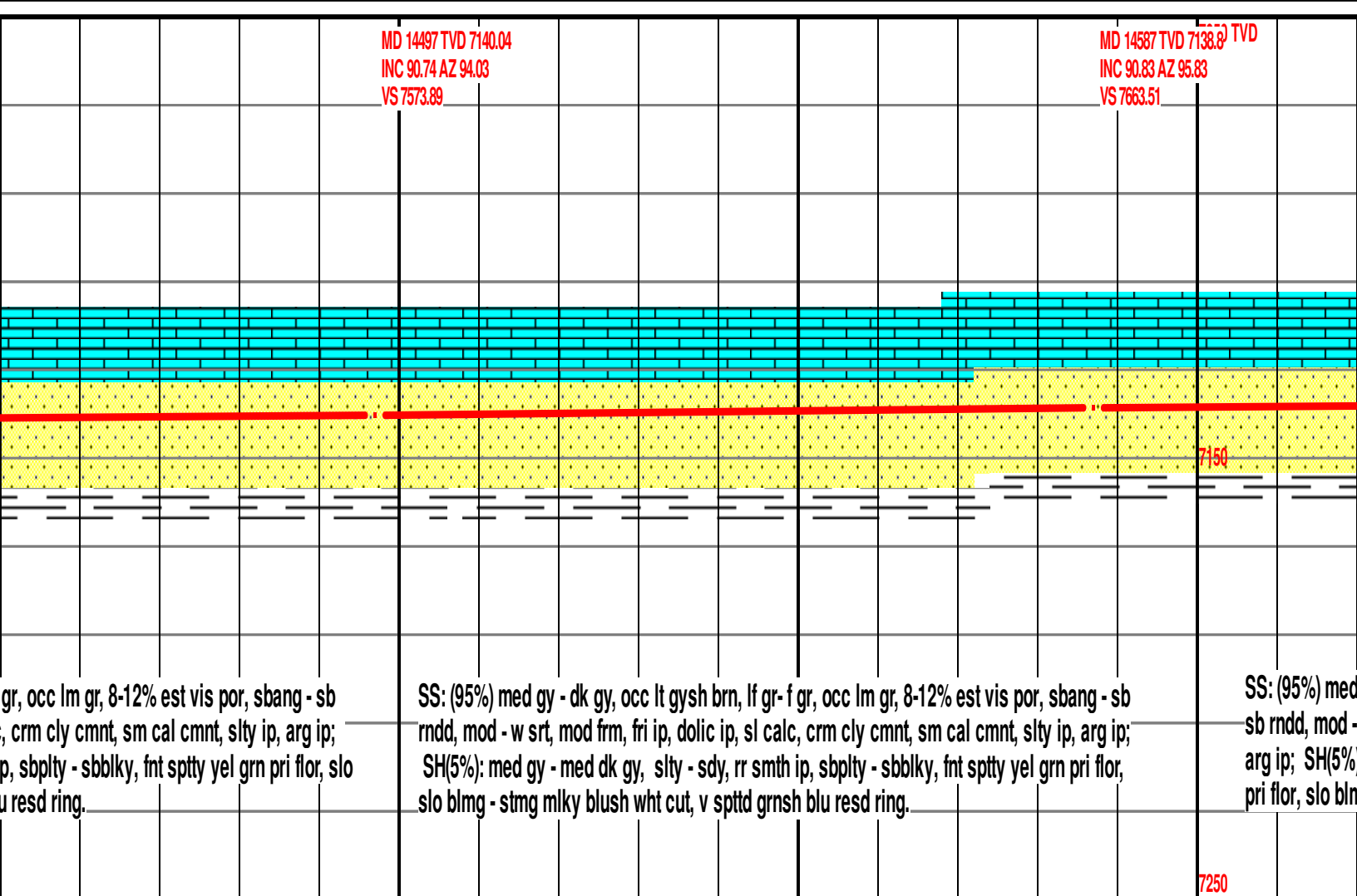
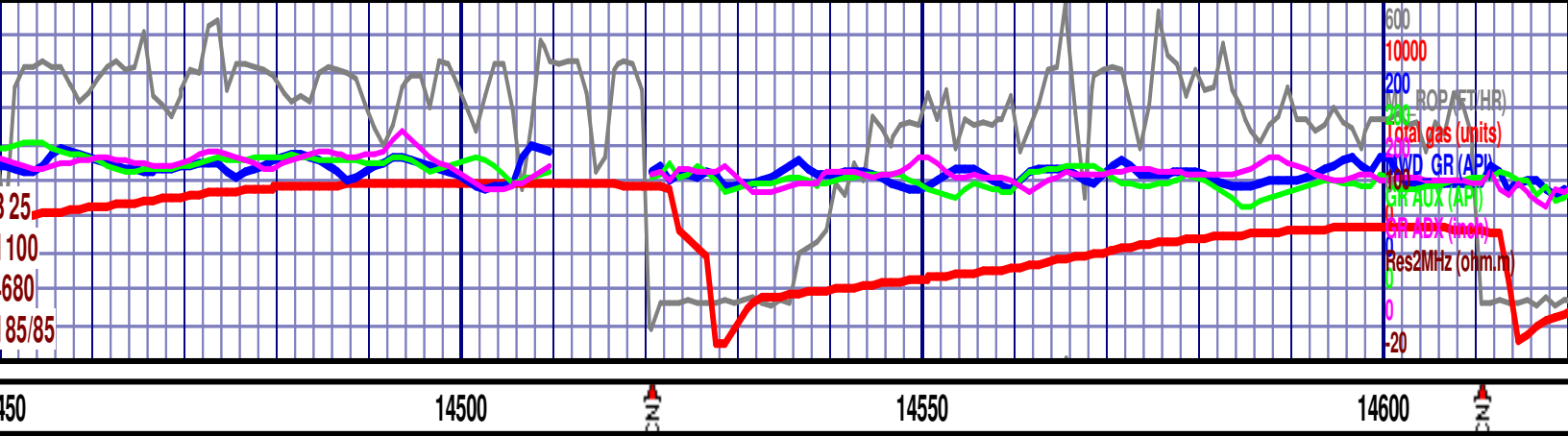
g - sb rndd, mod -  
(%): med gy - med  
stmg milky blush

SS: (90%) med gy - dk gy, occ lt gysh brn, lvf gr - l f gr, 8-10% est vis por, sbang - sb rndd, mod -  
w srt, mod frm, fri ip, sl calc, crm cly cmnt, sm cal cmnt, slty ip, arg ip; SH(10%): med gy - med  
dk gy, slty - sdy, rr smth ip, sbplty - sbbkly, fnt sppty yel grn pri flor, slo blmg - stmg milky blush  
wht cut, v spttd grnsh blu resd ring.

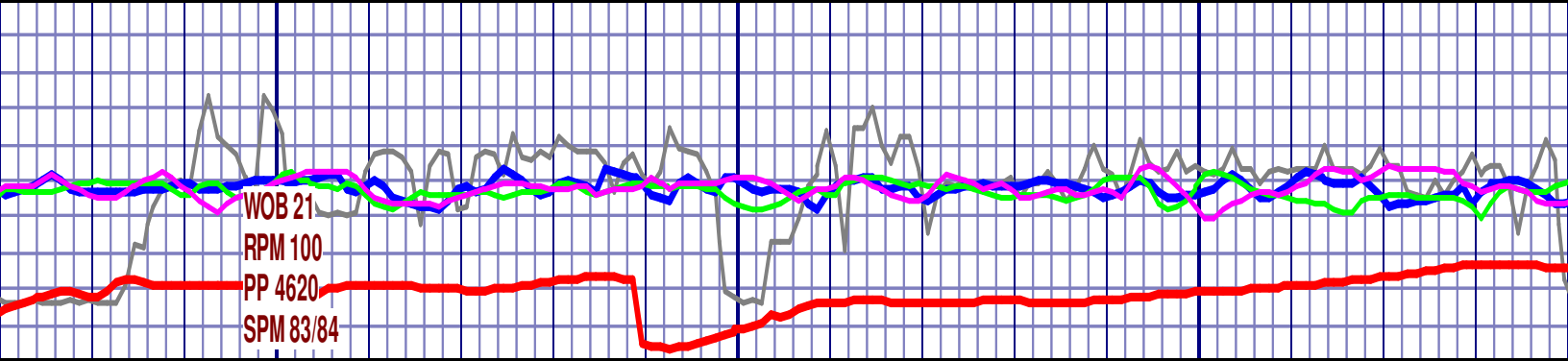
SS: (95%) med gy - dk gy, occ lt gysh brn, lf gr - f  
rndd, mod - w srt, mod frm, fri ip, dolc ip, sl calc  
SH(5%): med gy - med dk gy, slty - sdy, rr smth i  
blmg - stmg milky blush wht cut, v spttd grnsh bl











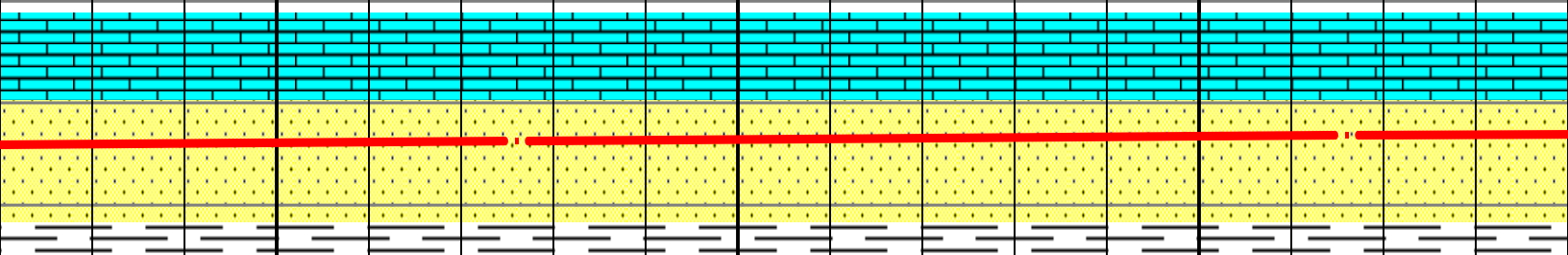
14650

14700

14750

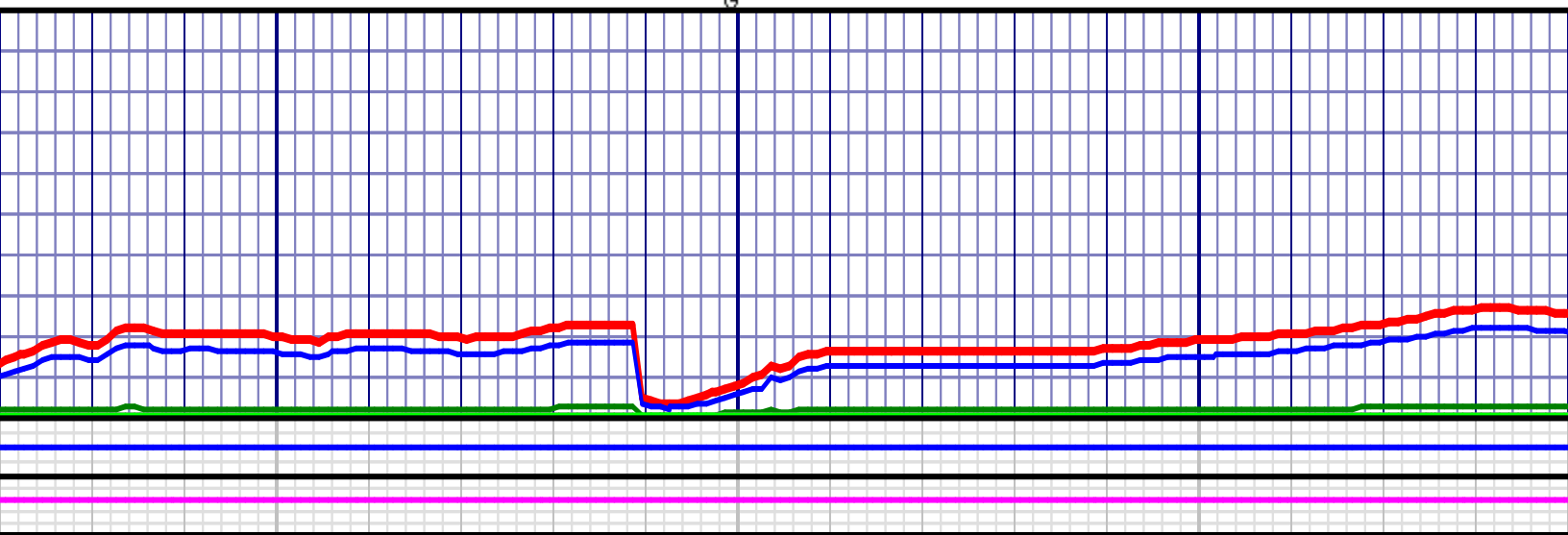
MD 14676 TVD 7137.47  
INC 90.89 AZ 93.91  
VS 7752.13

MD 14766 TVD 7136.21  
INC 90.71 AZ 92.44  
VS 7841.96

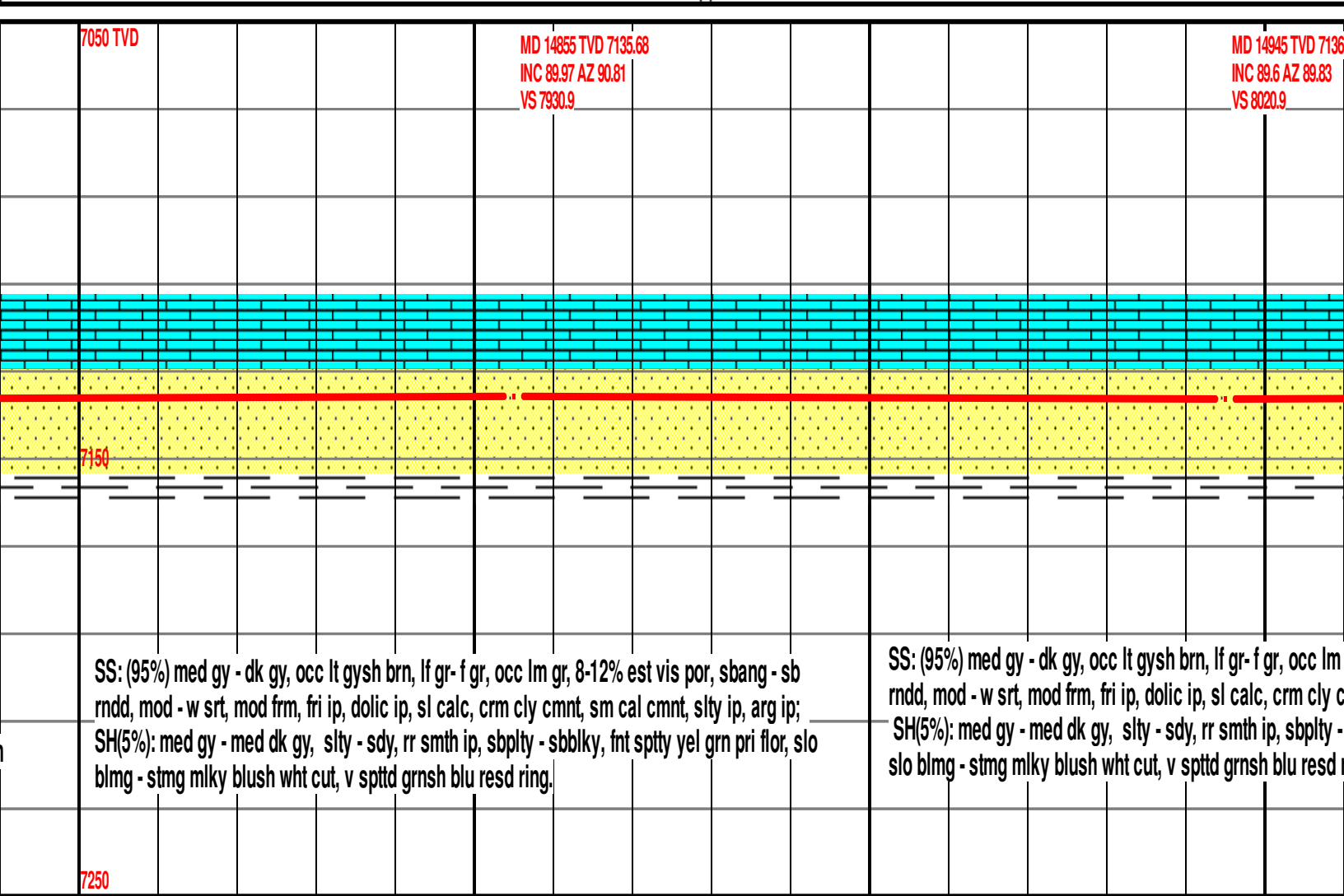


gy - dk gy, occ lt gysh brn, lf gr- f gr, occ lm gr, 8-12% est vis por, sbang -  
w srt, mod frm, fri ip, dolc ip, sl calc, crm cly cmnt, sm cal cmnt, slty ip,  
): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sppty yel grn  
ng - stmg mlky blush wht cut, v spstd grnsh blu resd ring.

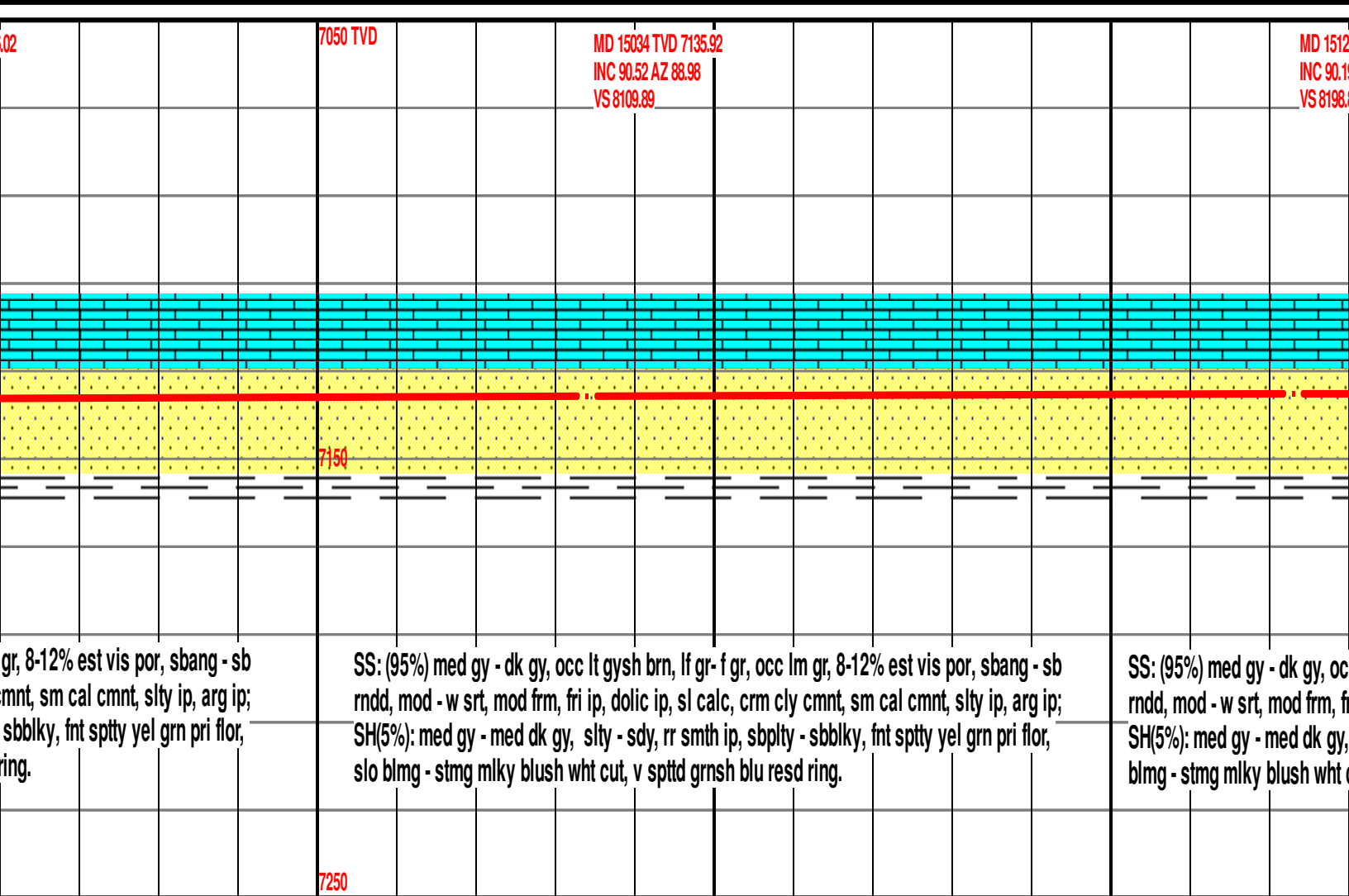
SS: (95%) med gy - dk gy, occ lt gysh brn, lf gr- f gr, occ lm gr, 8-12% est vis por, sbang -  
sb rndd, mod - w srt, mod frm, fri ip, dolc ip, sl calc, crm cly cmnt, sm cal cmnt, slty ip, -  
arg ip; SH(5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sppty yel grn  
pri flor, slo blmg - stmg mlky blush wht cut, v spstd grnsh blu resd ring.



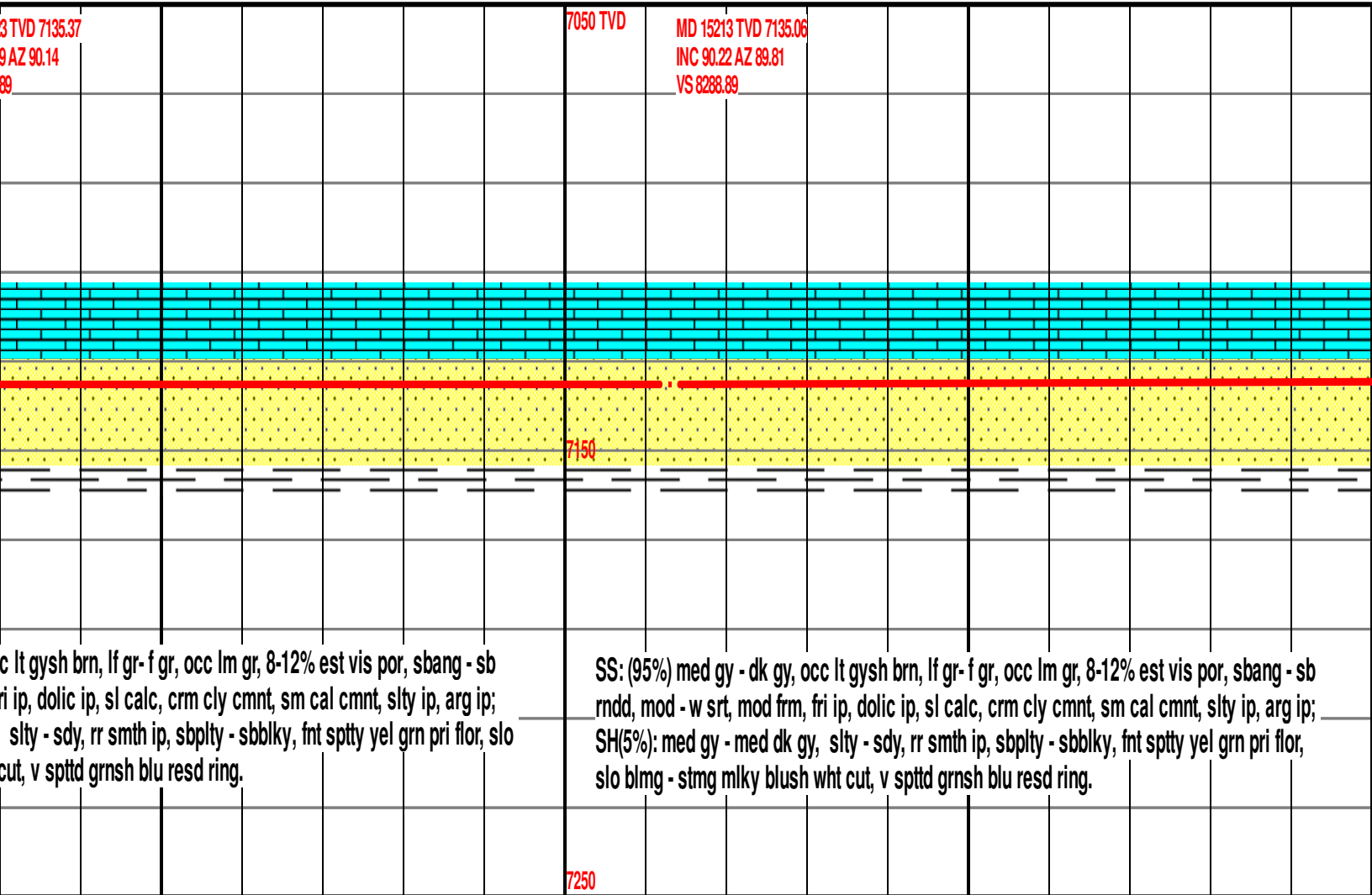




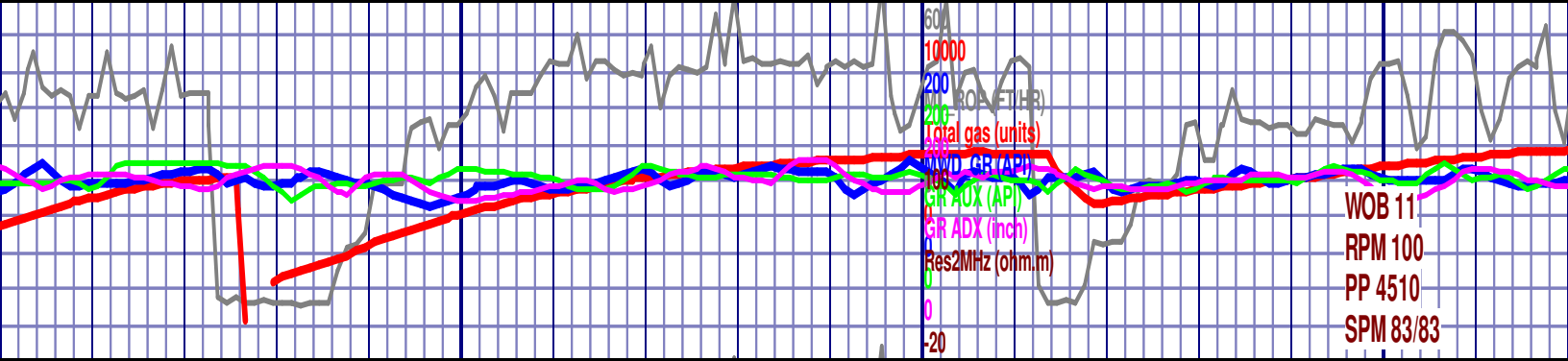








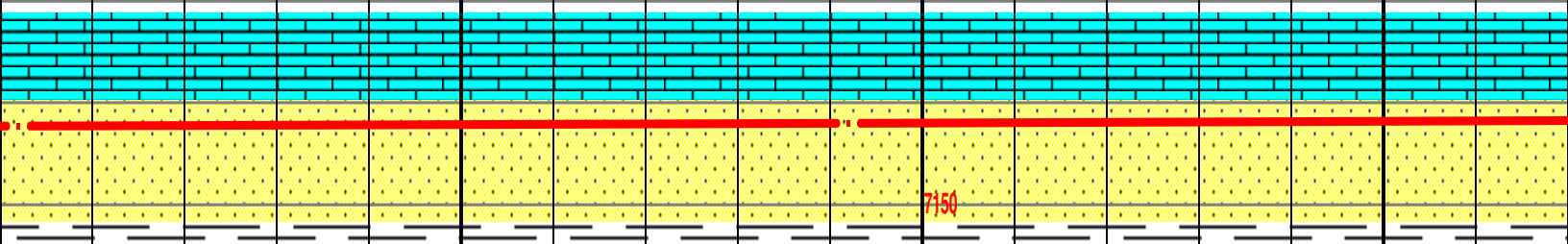




800 15350 15400 15450

MD 15302 TVD 7134.68  
INC 90.28 AZ 88.06  
VS 8377.88

MD 15392 TVD 7134.14  
INC 90.4 AZ 87.49  
VS 8467.82

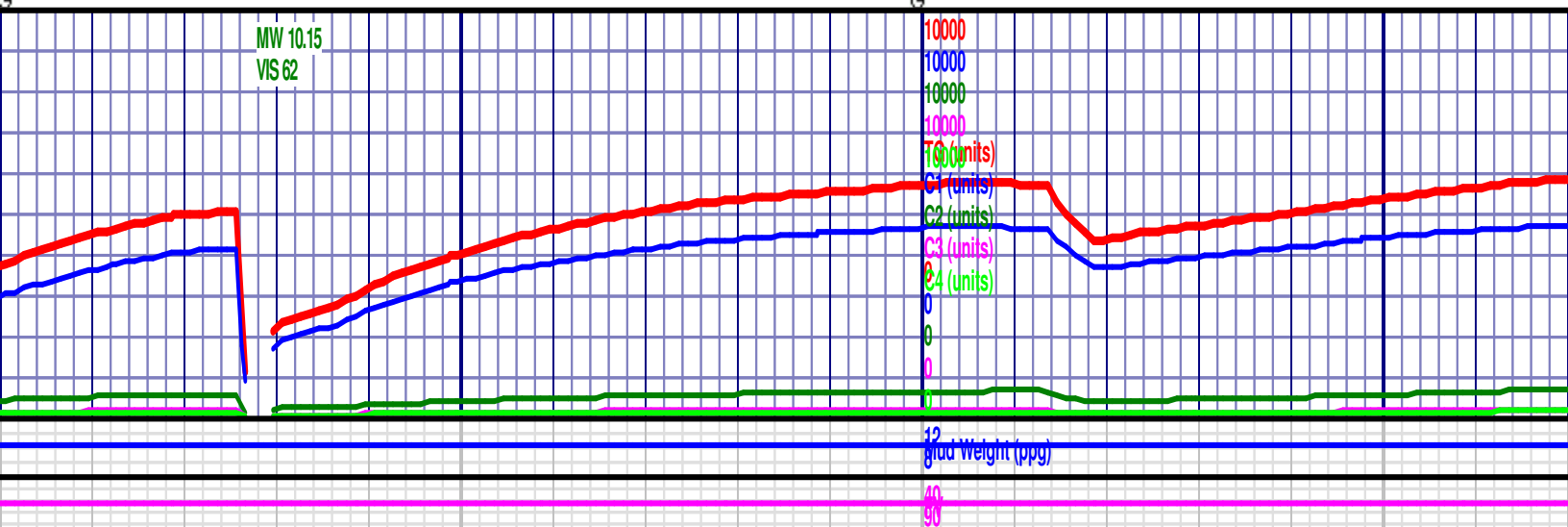


SS: (95%) med gy - dk gy, occ lt gysh brn, lf gr- f gr, occ lm gr, 8-12% est vis por, sbang - sb rndd, mod - w srt, mod frm, fri ip, dolc ip, sl calc, crm cly cmnt, sm cal cmnt, slty ip, arg ip; SH(5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sptty yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.

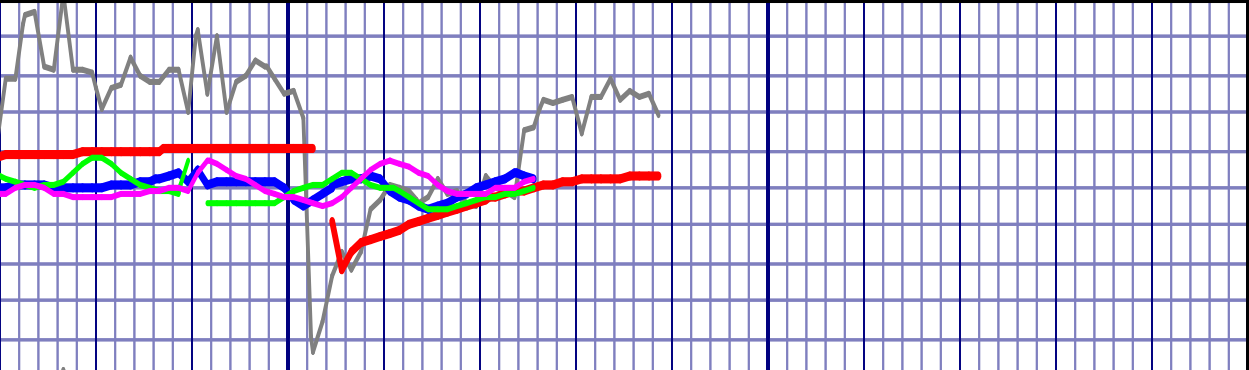
SS: (95%) med gy - dk gy, occ lt gysh brn, lf gr- f gr, occ lm gr, 8-1 sb rndd, mod - w srt, mod frm, fri ip, dolc ip, sl calc, crm cly cmnt, arg ip; SH(5%): med gy - med dk gy, slty - sdy, rr smth ip, sbply - sbblky, fnt sptty yel grn pri flor, slo blmg - stmg mlky blush wht cut, v spttd grnsh blu resd ring.

7250

MW 10.15  
VIS 62







15500		15550		15	
MD 15481 TVD 7133.62 INC 90.28 AZ 87.74 VS 8556.76		MD 15516 TVD 7133.38 INC 90.49 AZ 87.04 VS 8591.73		MD 15540 TVD 7133.43 INC 90.36	
				BIT #2, 8.5", HCCC, ATD505T, Jets 8x15, SN#: 5285221, Rotary Steerable Directional BHA, IN @ 1,851', ON 8/13/18, OUT ON 08/16/18 @ 15,540', DRILLED 13,689', IN 46.2 BIT HR.	
				TD @ 15,540' ON 08/16/18, 15:30HR.	
				Formation Top's	
				MD	TVD
				SSD	
				Sharon Springs	7350'
				Niobrara A Chalk	7400'
				Niobrara B Chalk	7606'
				Niobrara C Chalk	7742'
				Ft Hays	7870'
				Codell	7935'
				Target Heel	8079'
				Target Toe	15540'
				Thank You	
				Goolsby Brothers & Assoc.	

