

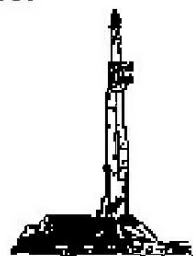
GOOLSBY BROTHERS
and associates, inc.

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 14N-22B-M
API: 051234437500
Location: SE/SE Section 20 T6N R66W Weld County, CO.
License Number:
Spud Date: April 10, 2017
Surface Coordinates: 525 FSL 1122 FEL SESE Sec. 20 T6N R66W
Latitude 40.467807 Longitude -104.796421
Bottom Hole Proposed: 297 FSL 2605 FWL SESW, Sec. 22 T6N R66W
Coordinates: Projected: 302 FSL 2599 FWL SESW, Sec. 22 T6N R66W
Ground Elevation (ft): 4,734'
Logged Interval (ft): 6400' To: 15,173'
Formation: Niobrara B Chalk
Type of Drilling Fluid: OBM (LSND Surface).

Region: Wattenberg
Drilling Completed: April 13, 2017

K.B. Elevation (ft): 4,759'
Total Depth (ft): 15,173' DMTD

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: Blake Stacey & Dallan Gardner
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 15,162' MD.

Casing

9 5/8" Surface Casing pre set @ 1,761' MD.

5 1/2" 20# CDC-HDQ HCP-110 Production Liner Run to 15,159'.

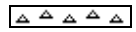
Comments

- 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
Steve Wilson
Tim Jones
- 3) Mud Comapny : Reliable Drilling Fluids
Engineer: Wally Yates, Scott Allen
- 4) Directional Drilling: Baker Hughes
Drillers: Aaron Herskind, Ryan Kielian, Jeremiah Samson
MWD: Carlos Lopez, Baker Remote Field Operations.
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
Gas readings low due to new shaker design.
- 6) Wellsite Geologist: Blake Stacey, & Dallan Gardner

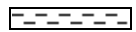
ROCK TYPES



Bent



Cht



Clyst



Oil sat.



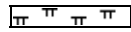
Dol



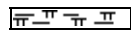
Lmst



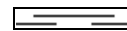
Chalk



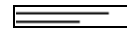
Mrlst



Mrlst_sh (intbddd)



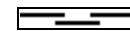
Shale



Shgy



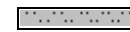
Slty sh



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

TEXTURE

Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

STRINGER

Chlkstg
 Arg
 Bent
 Dol
 Ls
 Mrst
 Sltstrg
 Ssstrg

OTHER SYMBOLS

OIL SHOWS

Even
 Spotted
 Ques
 Dead
 Vspotty



near even

POROSITY TYPE

Earthy
 Fenest
 Fracture



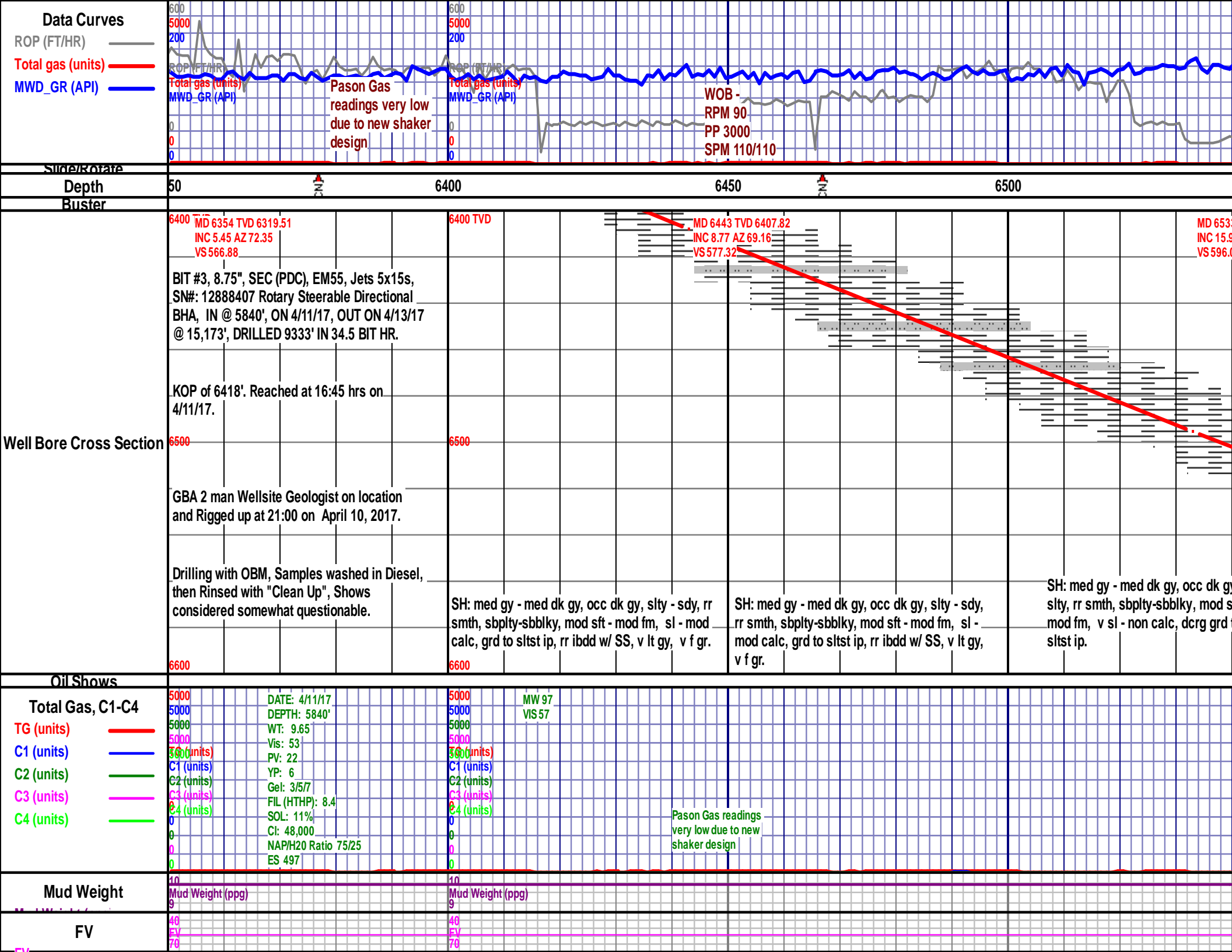
Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

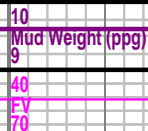
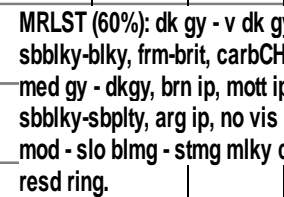
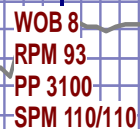
ROUNDING

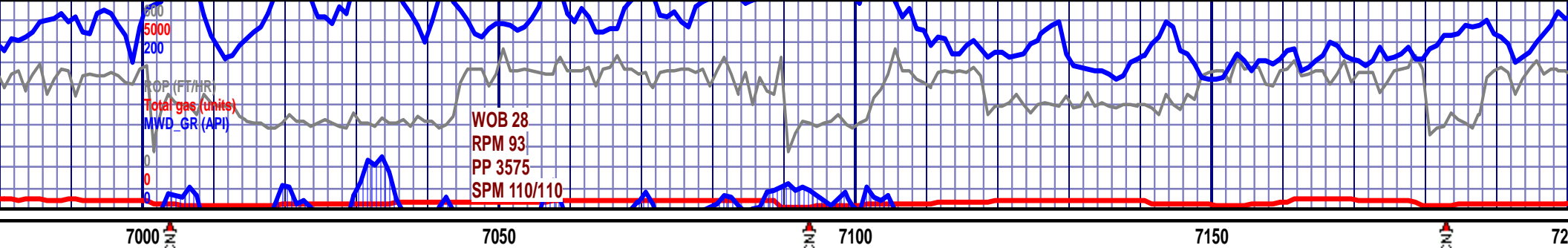
Rounded
 Subrnd
 Subang
 Angular

SORTING

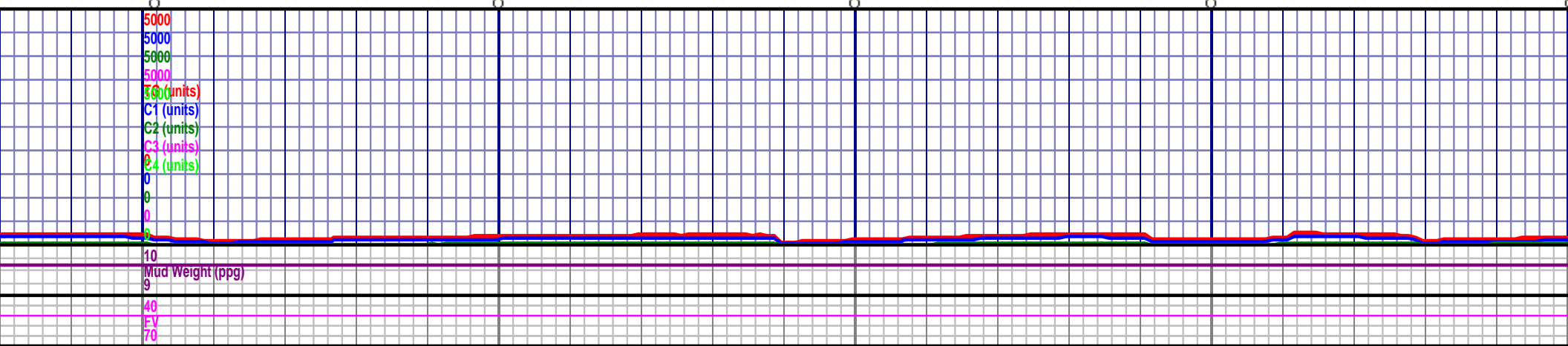
Well
 Moderate
 Poor

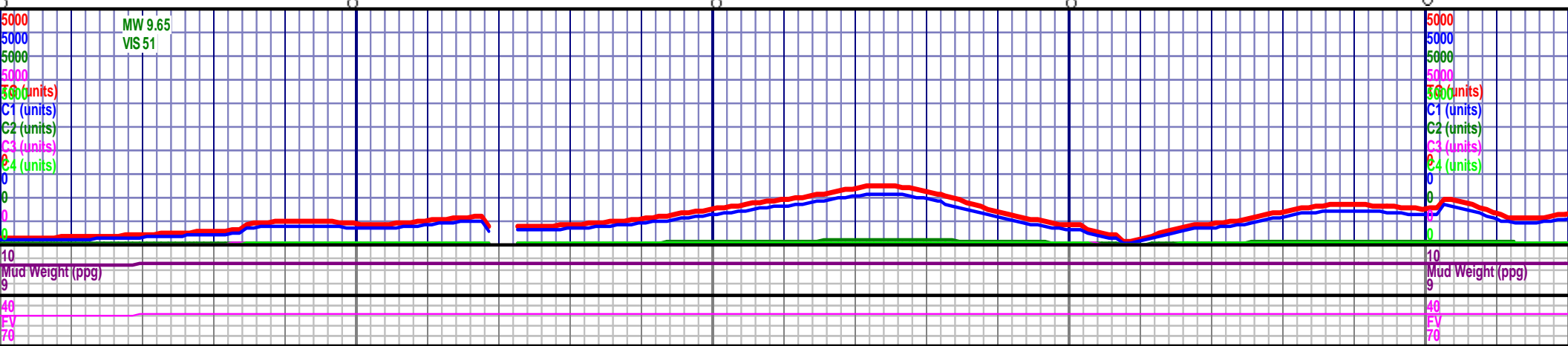
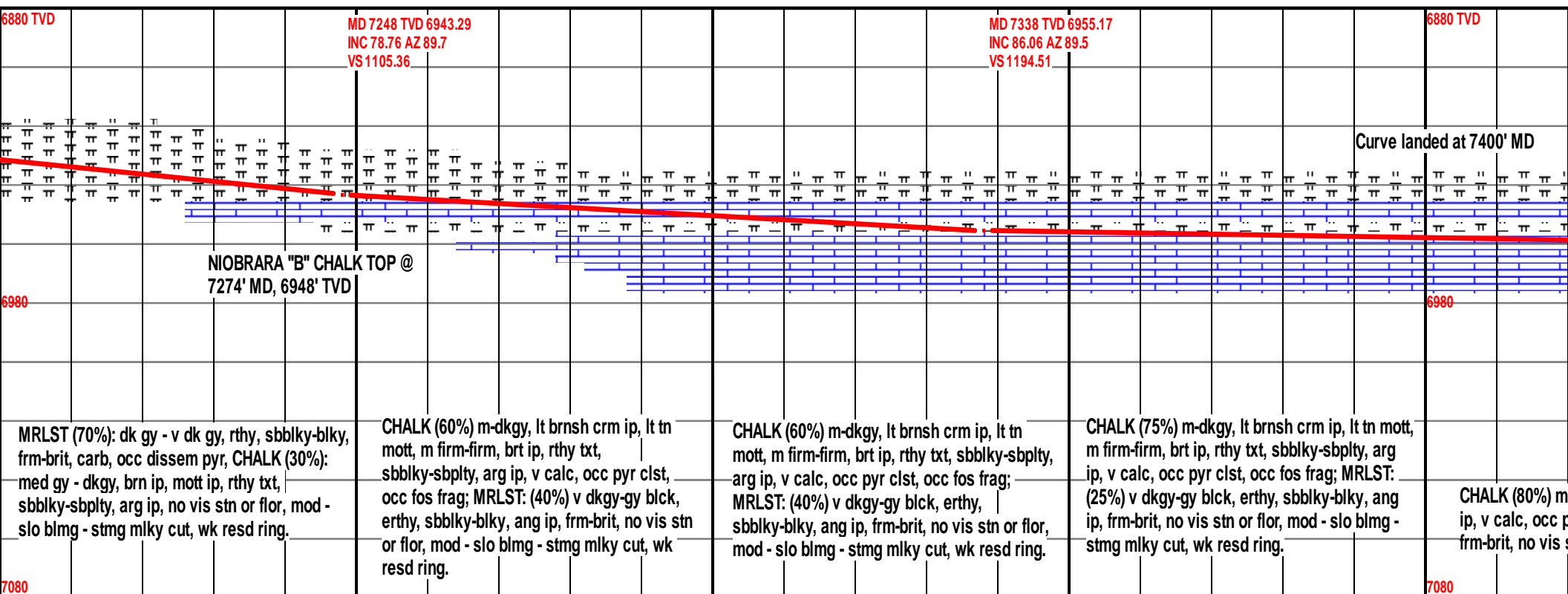
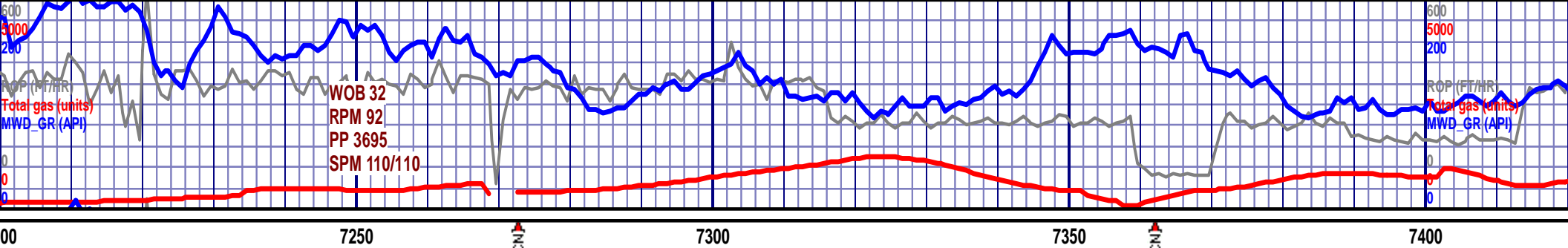


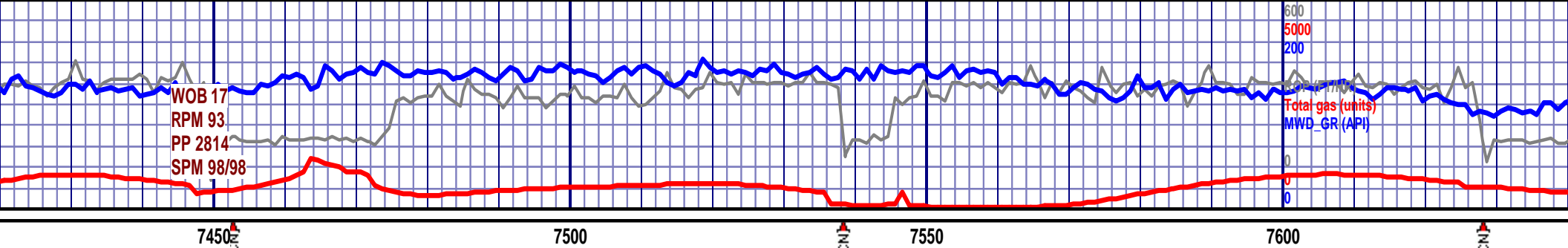




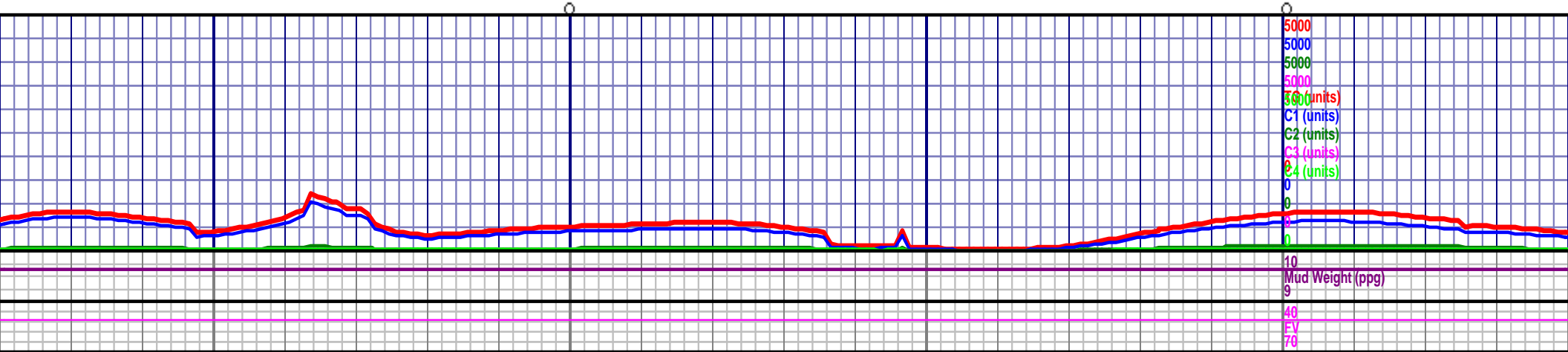
MD 6980 TVD 6845.52 INC 56.72 AZ 85.73 VS 857.71	6800 TVD	MD 7069 TVD 6889.01 INC 64.75 AZ 89.51 VS 935.24	MD 7114 TVD 6906.6 INC 69.21 AZ 89.23 VS 976.65	6880 TVD MD 7159 TVD 6921.31 INC 72.63 AZ 89.34 VS 1019.17
RL TOP @ D	6900			Scale Change 6980
y, rthy, CHALK (40%): o, rthy txt, stn or flor, cut, wk	MRLST (70%): dk gy - v dk gy, rthy, sbbly-blky, frm-brit, carb, occ dissem pyr, CHALK (30%): med gy - dkgy, brn ip, mott ip, rthy txt, sbbly-sbply, arg ip, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.	MRLST (80%): dk gy - v dk gy, rthy, sbbly-blky, frm-brit, carb, occ dissem pyr, CHALK (20%): med gy - dkgy, brn ip, mott ip, rthy txt, sbbly-sbply, arg ip, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.	MRLST (80%): dk gy - v dk gy, rthy, sbbly-blky, frm-brit, carb, occ dissem pyr, CHALK (20%): med gy - dkgy, brn ip, mott ip, rthy txt, sbbly-sbply, arg ip, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.	MRLST (70%): dk gy - v dk gy, rthy, sbbly-blky, frm-brit, carb, occ dissem pyr, CHALK (30%): med gy - dkgy, brn ip, mott ip, rthy txt, sbbly-sbply, arg ip, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring, Tr BENT.

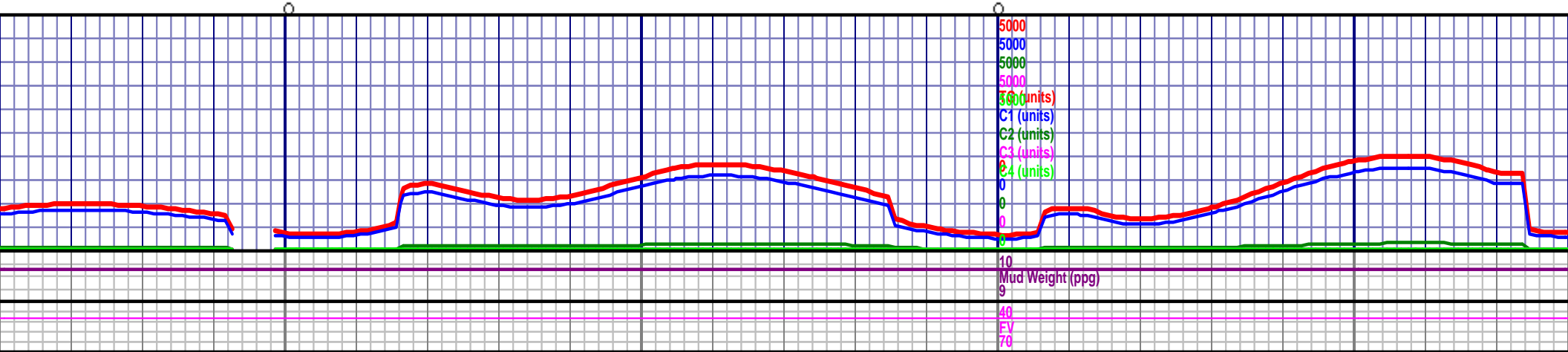
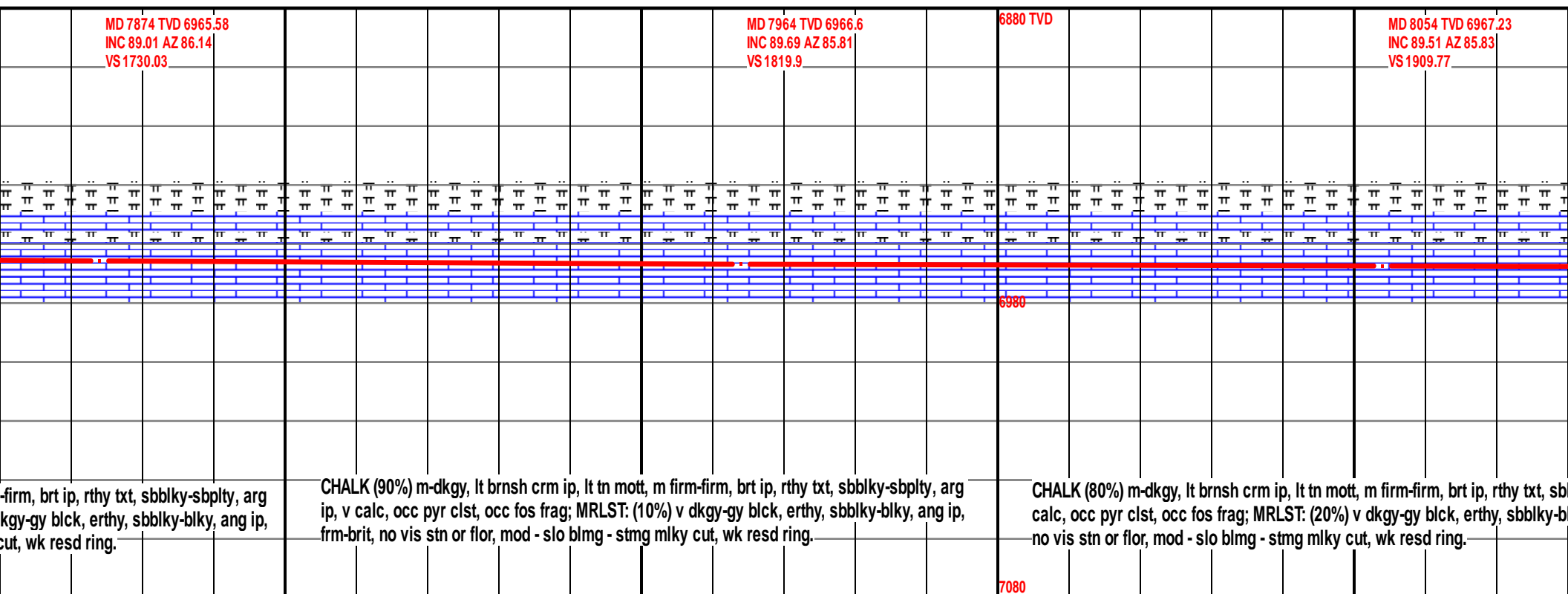
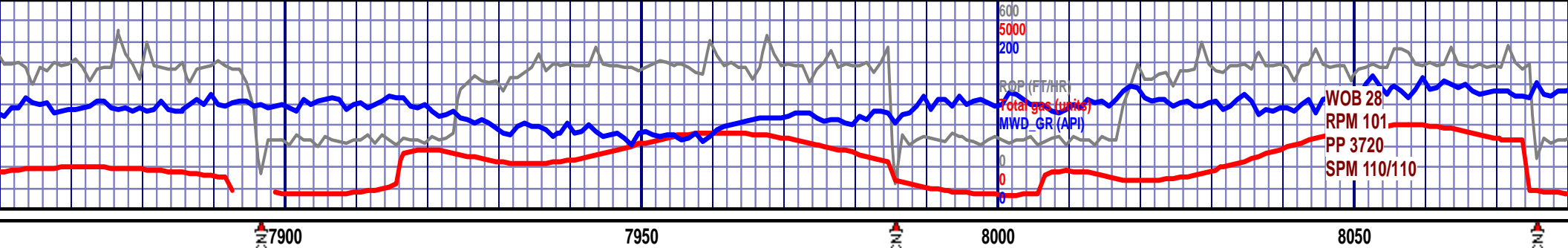


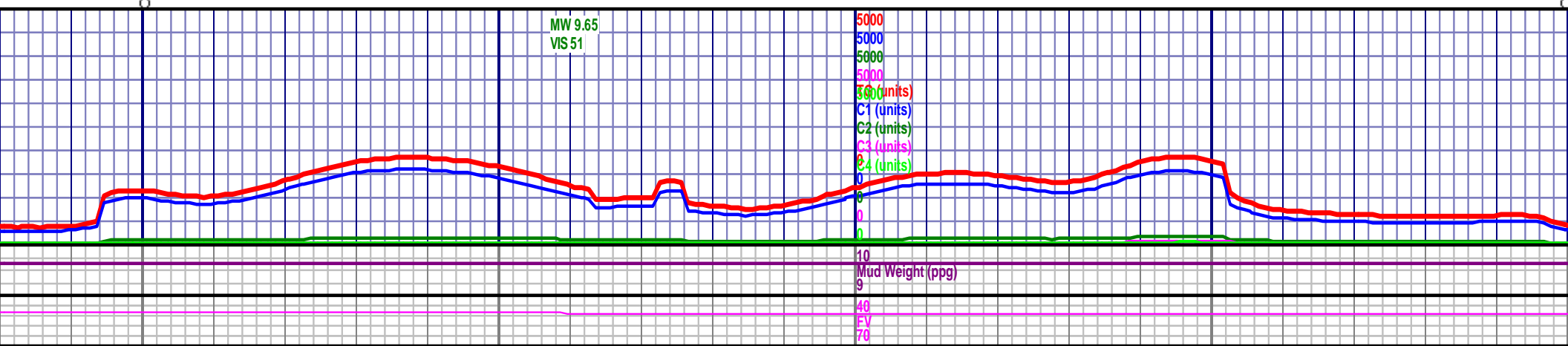
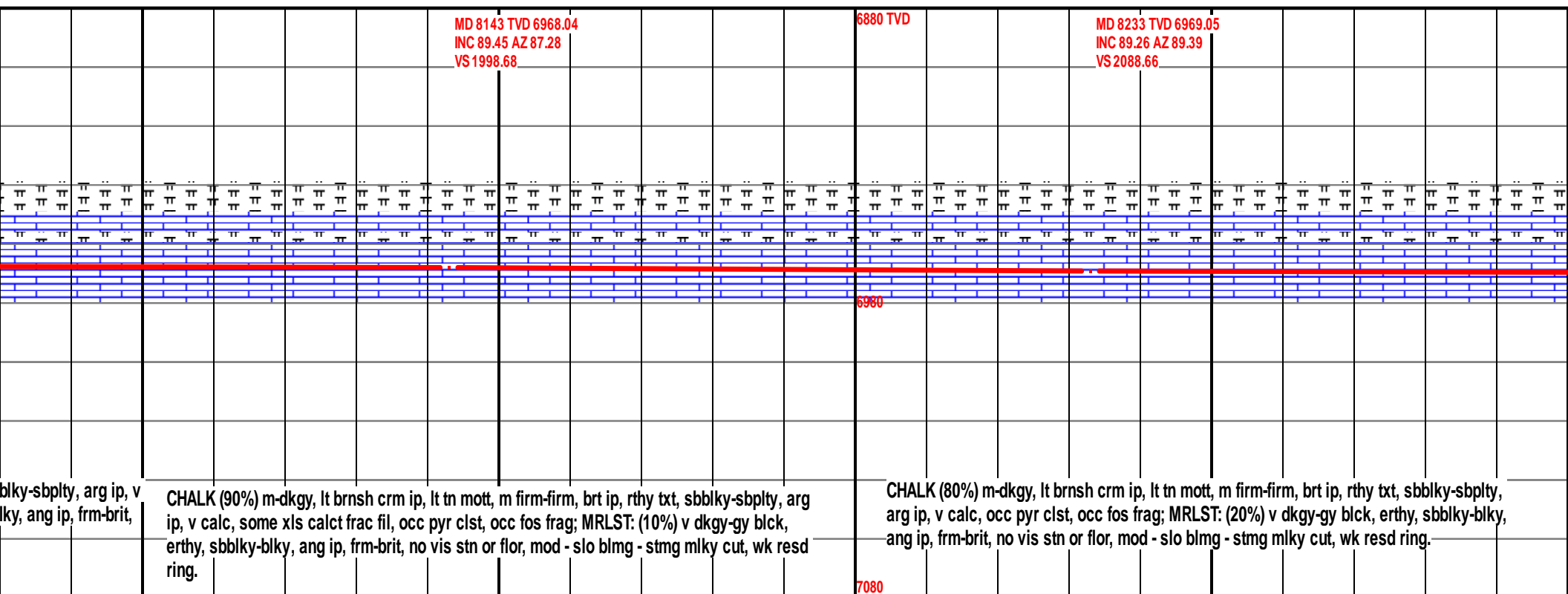
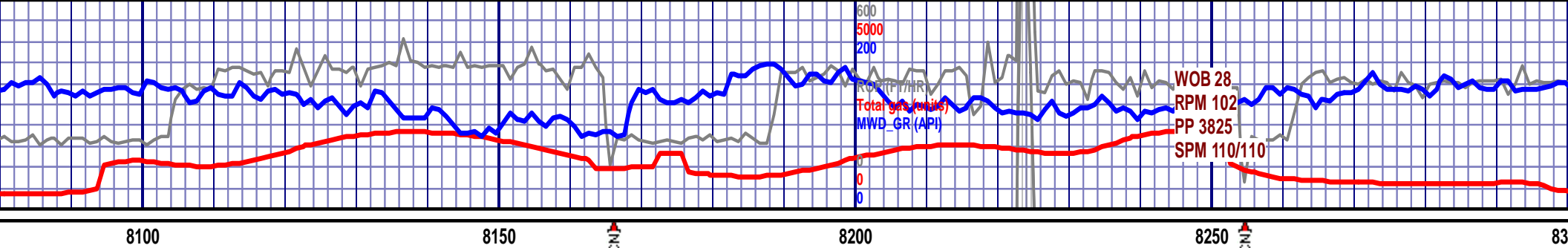


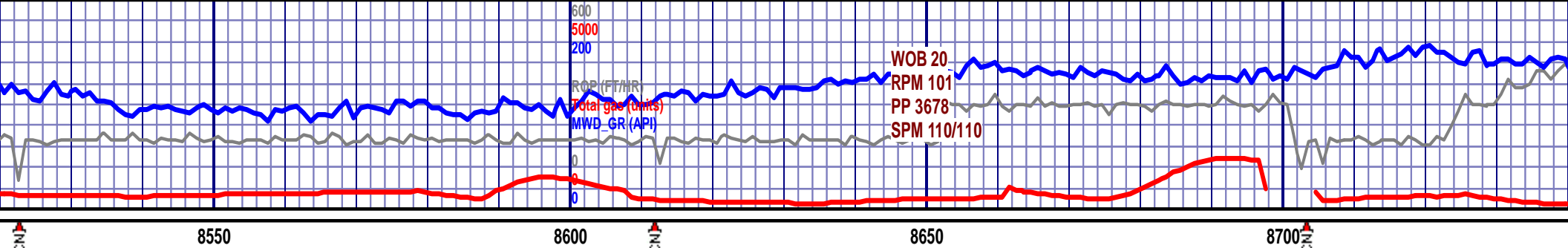


MD 7427 TVD 6958.8 INC 89.26 AZ 90.32 VS 1283.41	MD 7516 TVD 6959.95 INC 89.26 AZ 89.39 VS 1372.39	MD 7606 TVD 6961.18 INC 89.17 AZ 87.4 VS 1462.38
CHALK (80%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbply, arg ip, v calc, some xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frn-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.	CHALK (80%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbply, arg ip, v calc, some xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frn-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.	CHALK (65%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbply, arg ip, v calc, some xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frn-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.

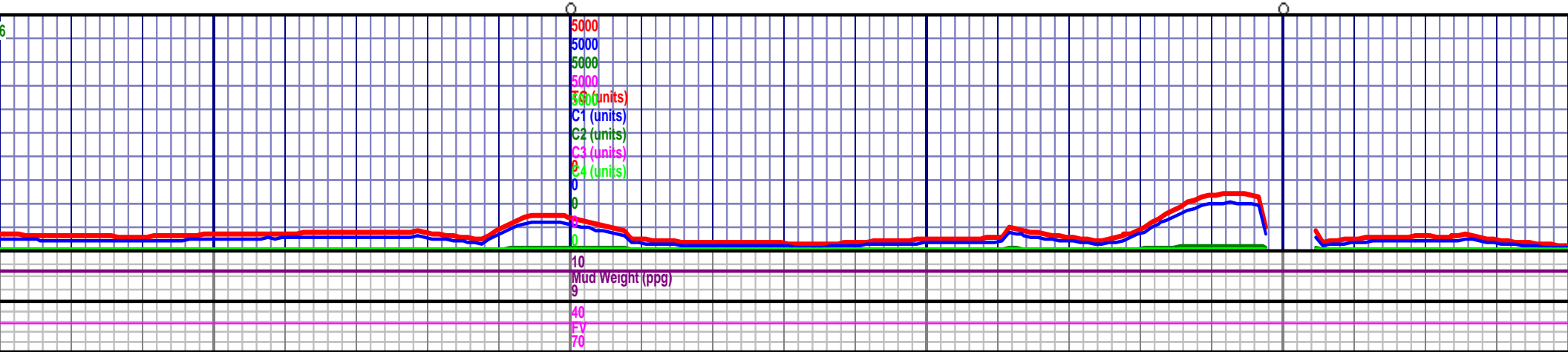


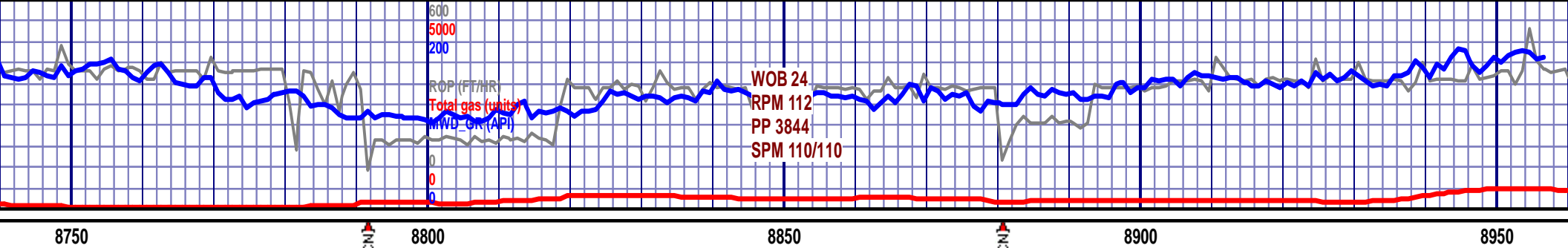




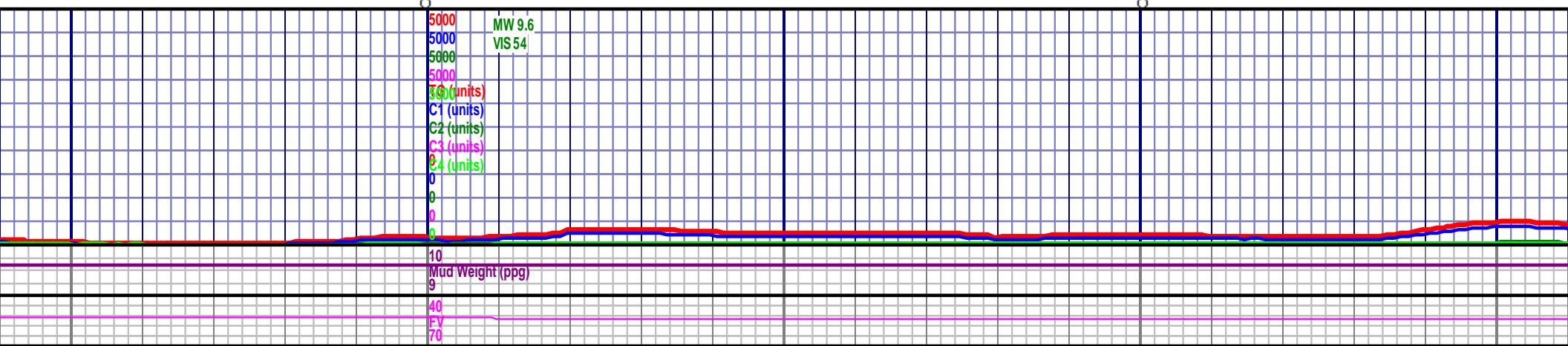


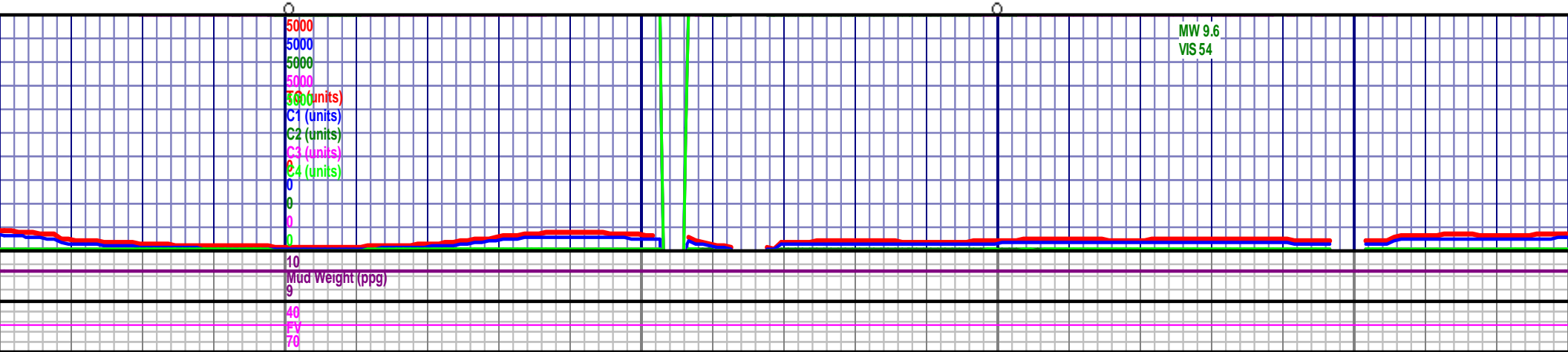
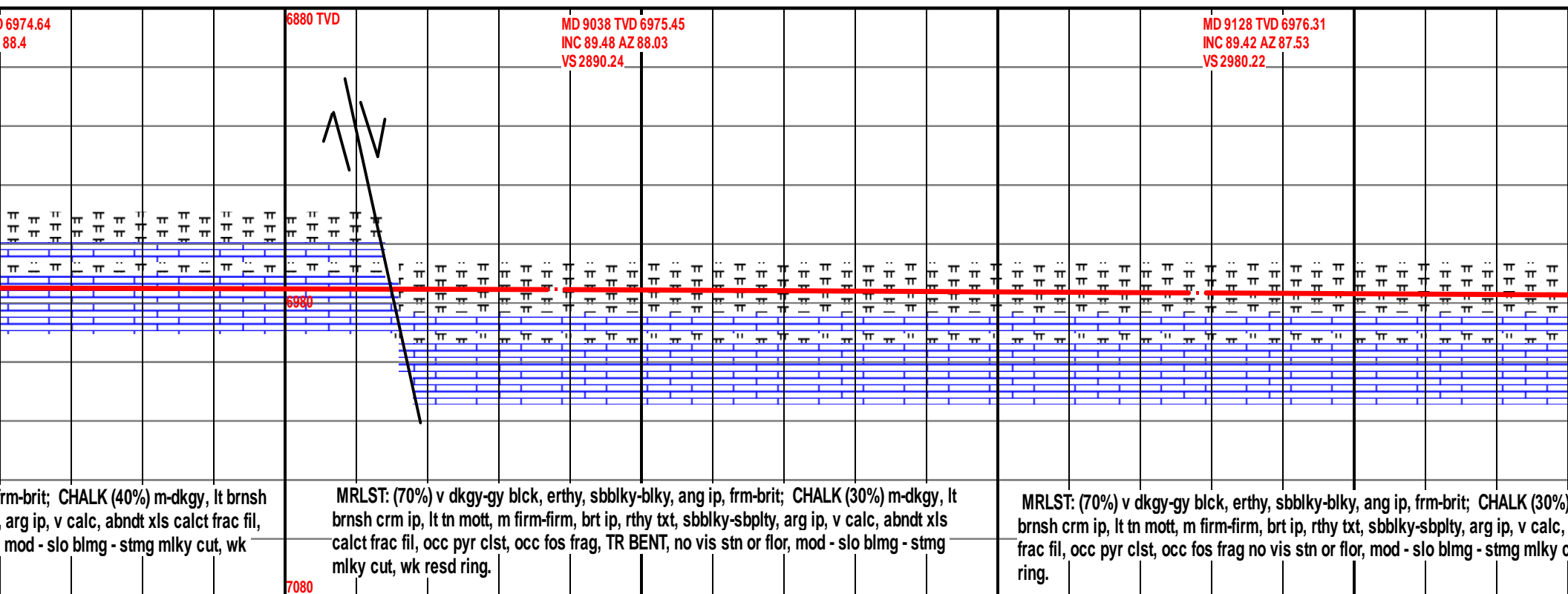
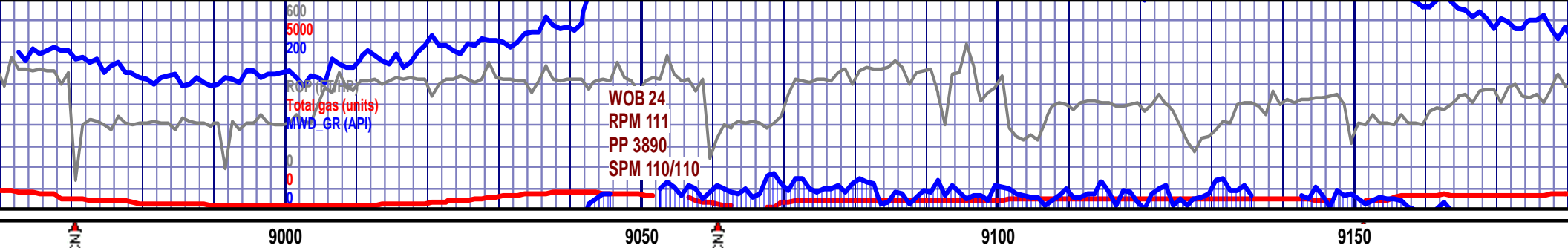
<p>MD 8591 TVD 6970.1 INC 89.75 AZ 96.17 VS 2443.87</p> <p>dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, calct frac fil, occ pyr clst, occ fos frag, Tr BENT; MRLST: (30%) v dkgy-gy blk, y, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd</p>	<p>MD 8680 TVD 6970.61 INC 89.6 AZ 92.38 VS 2532.48</p> <p>CHALK (70%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, v calc, abndt xls calct frac fil, occ pyr clst, occ fos frag, Tr BENT; MRLST: (30%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>CHALK (65%) m-dkgy, lt brnsh crm ip, v calc, abndt xls calct frac fil, occ pyr sbblky-blky, ang ip, frm-brit, no vis str</p>
---	--	---

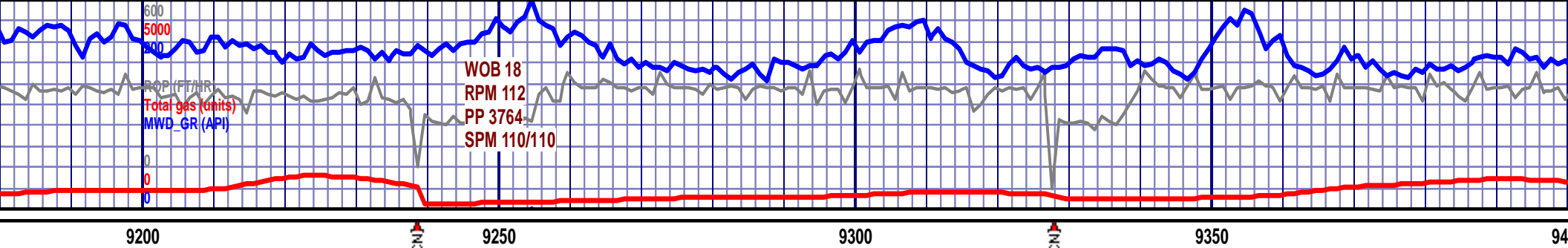




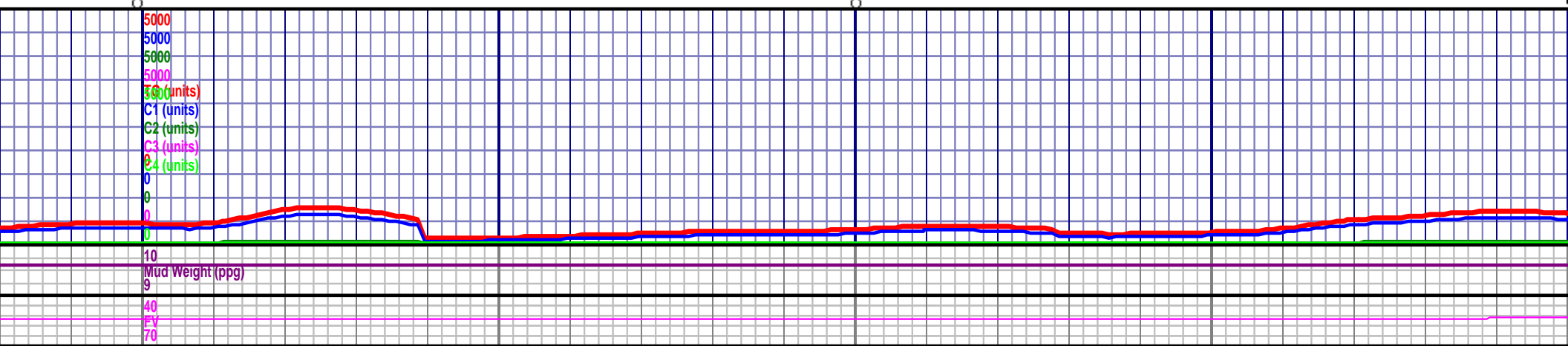
<p>MD 8770 TVD 6971.67 INC 89.05 AZ 91.66 VS 2622.34</p> <p>6880 TVD</p> <p>6980</p> <p>7080</p> <p>It tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, r clst, occ fos frag; MRLST: (35%) v dkgy-gy blk, erthy, n or flor, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>MD 8859 TVD 6973.31 INC 88.83 AZ 90.34 VS 2711.27</p> <p>CHALK (70%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, v calc, abndt xls calct frac fil, occ pyr clst, occ fos frag, ABNDT BENT; MRLST: (30%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>MD 8949 TVD INC 89.48 AZ VS 2801.25</p> <p>MRLST: (60%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, f crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, occ pyr clst, occ fos frag, ABNDT BENT, no vis stn or flor, resd ring.</p>
---	--	--

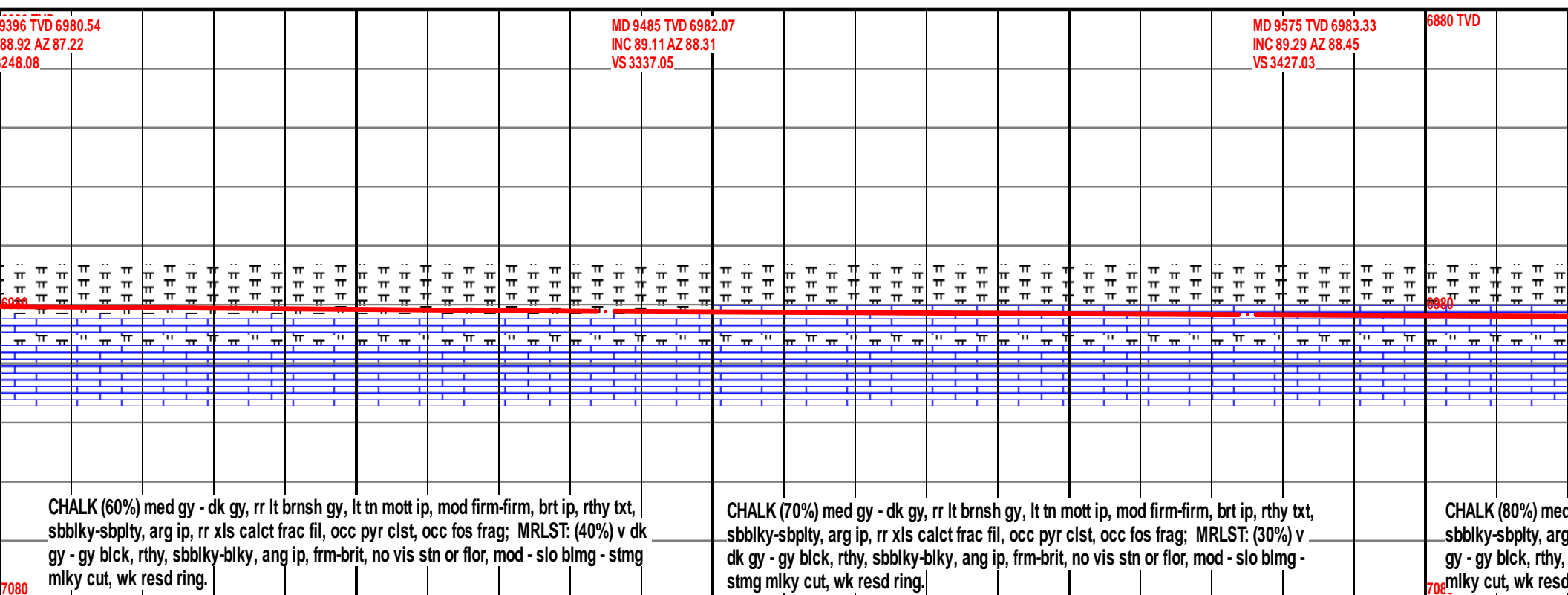


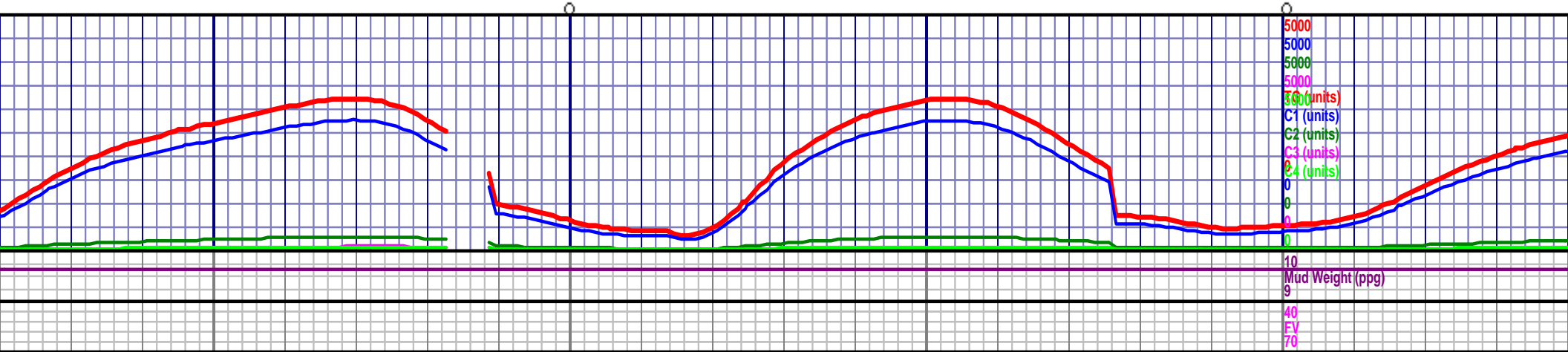
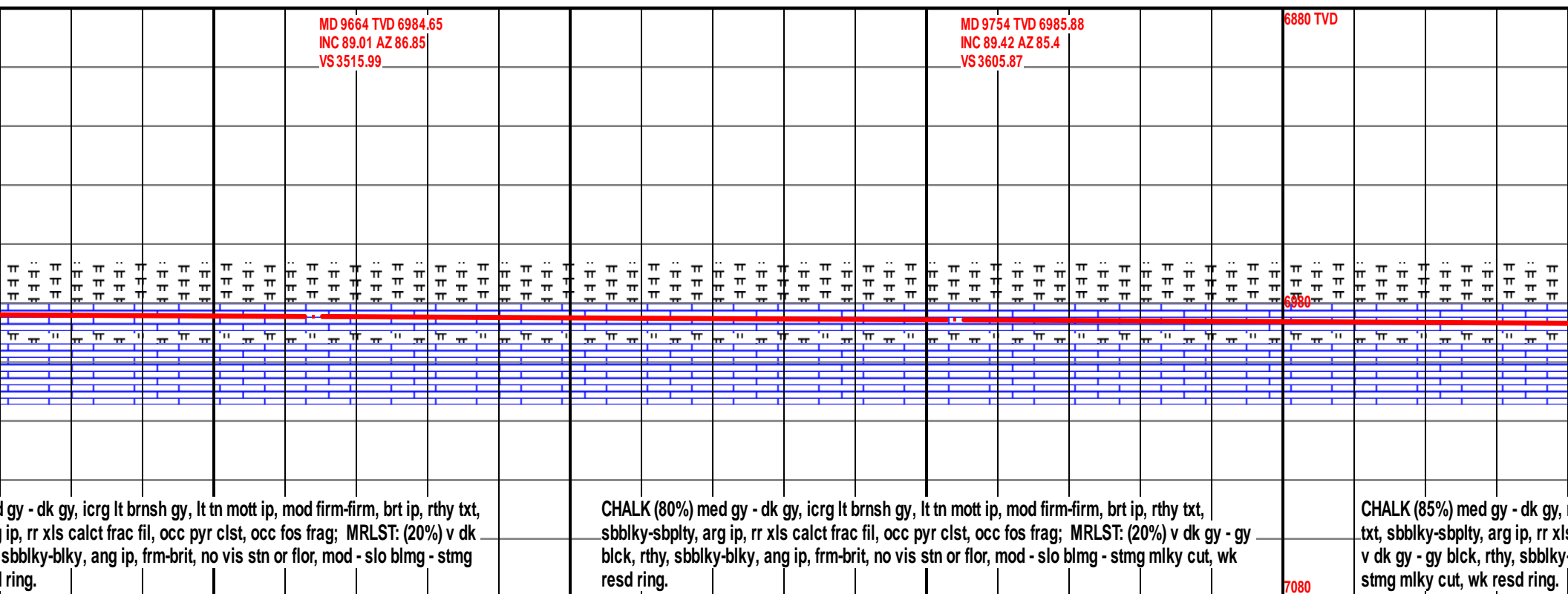
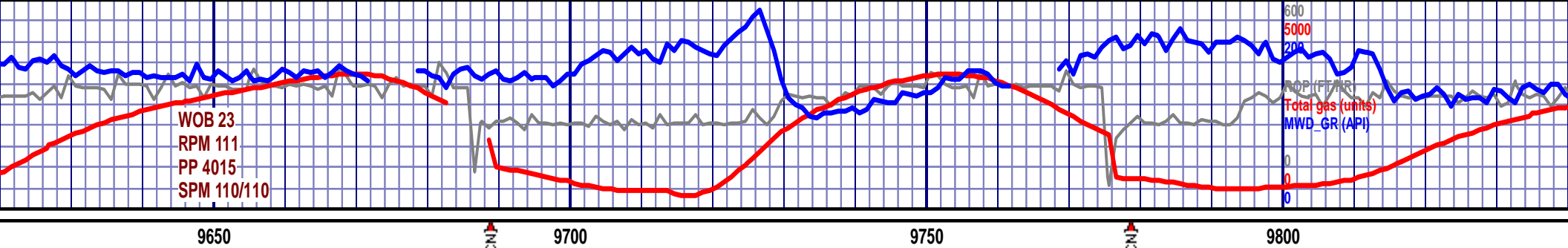


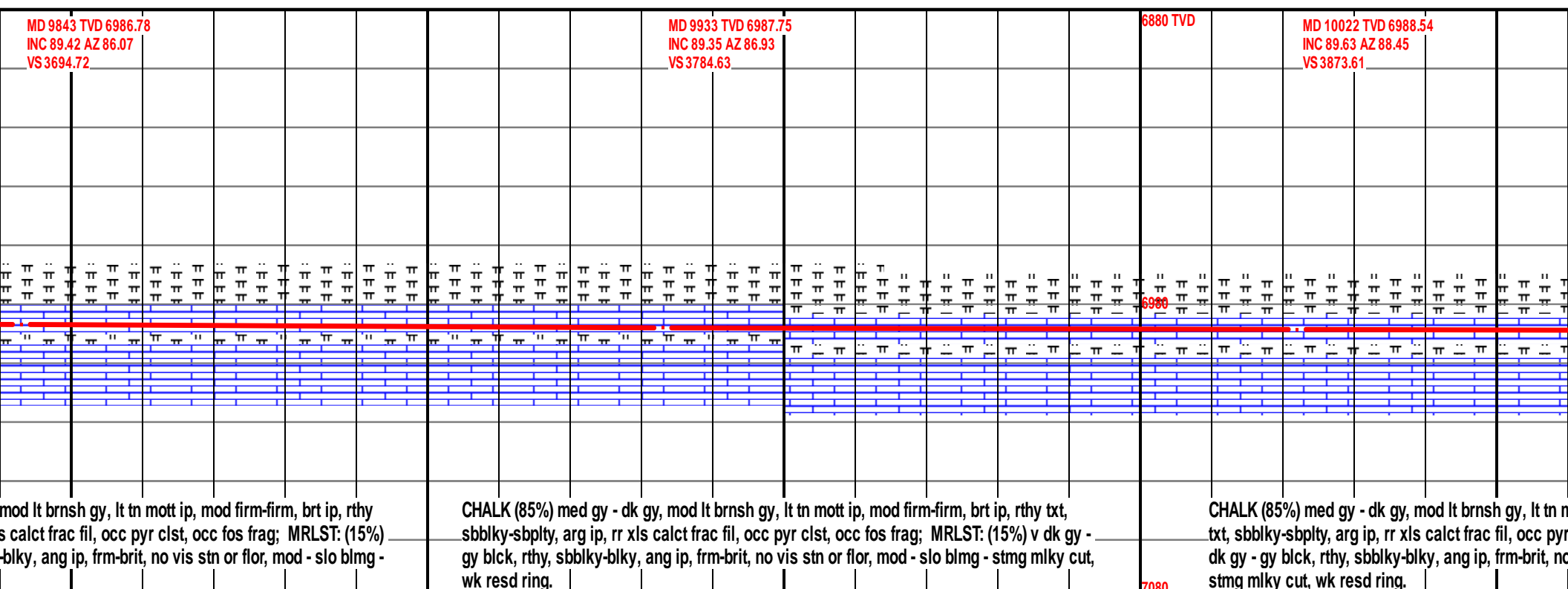


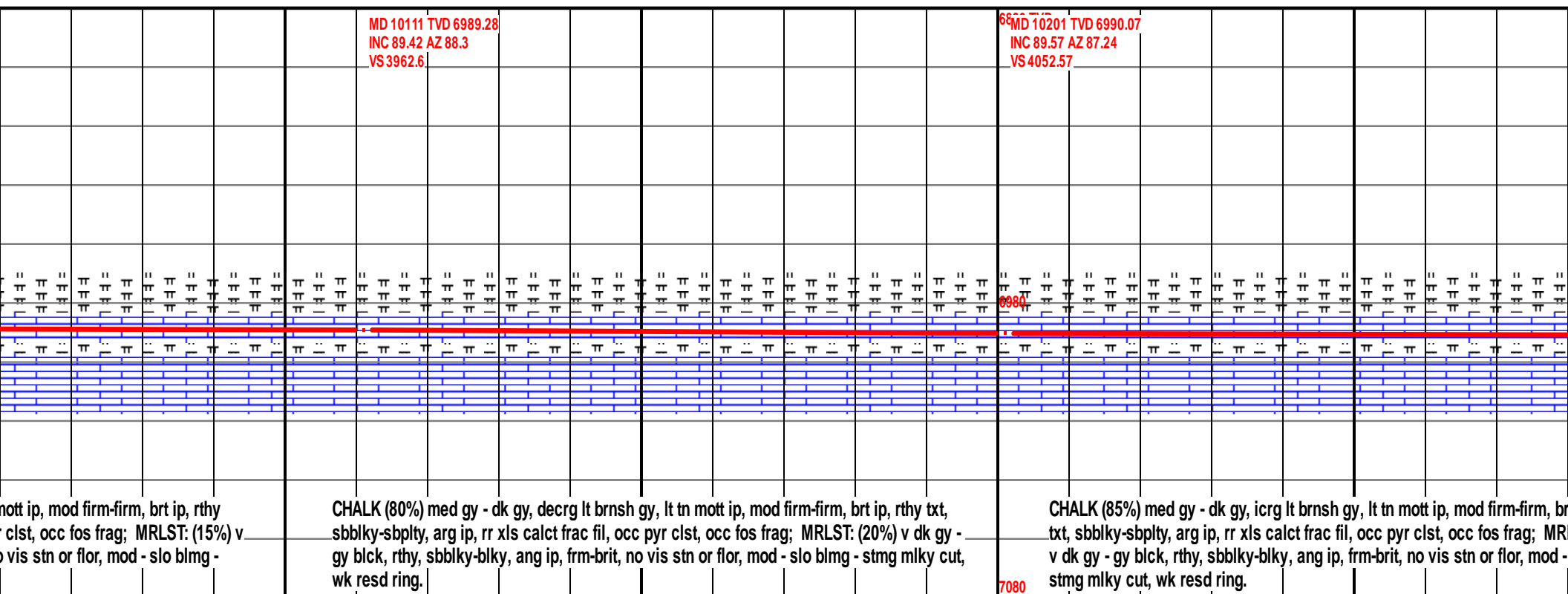
6880 TVD	MD 9217 TVD 6977.43 INC 89.14 AZ 87.62 VS 3069.18	MD 9306 TVD 6978.89 INC 88.98 AZ 87.22 VS 3158.14	MD 9306 TVD 6978.89 INC 88.98 AZ 87.22 VS 3158.14
6880			
CHALK (70%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, v calc, abndt xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (30%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stng mlky cut, wk resd ring.		CHALK (65%) m-dkgy, lt brnsh crm ip, lt tn mott, m firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, v calc, abndt xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (35%) v dkgy-gy blk, erthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stng mlky cut, wk resd ring.	
7080			

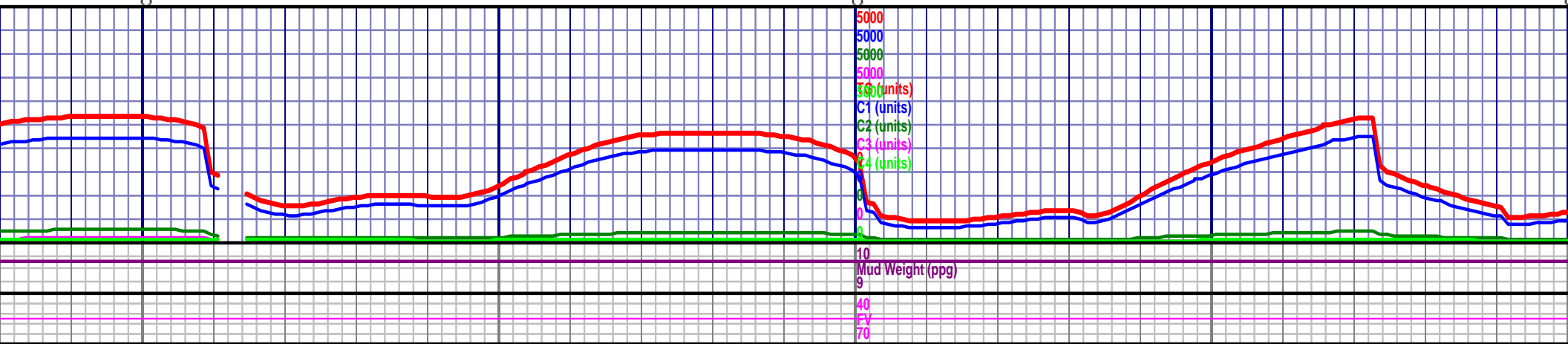
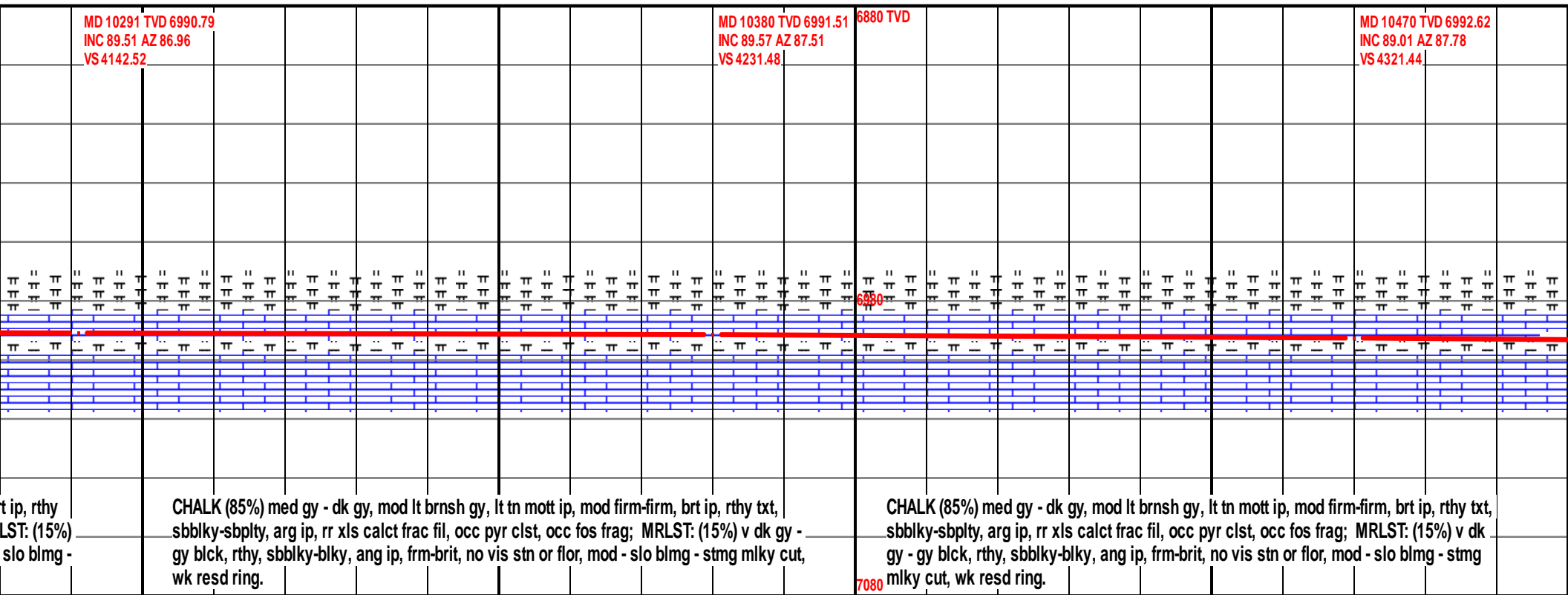
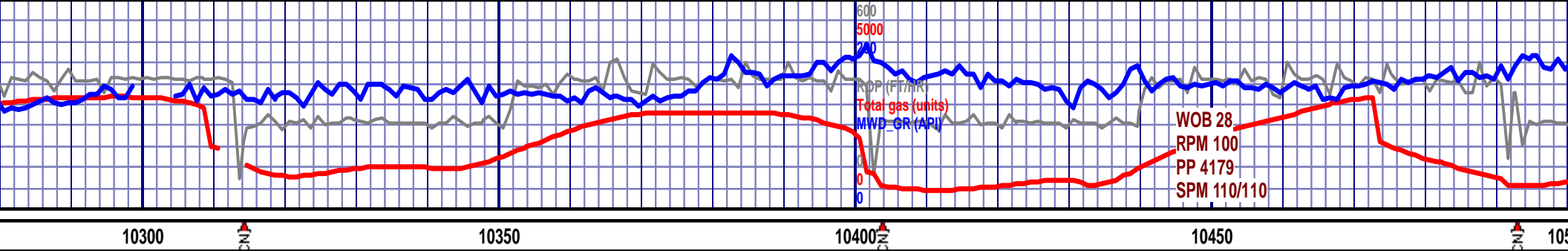


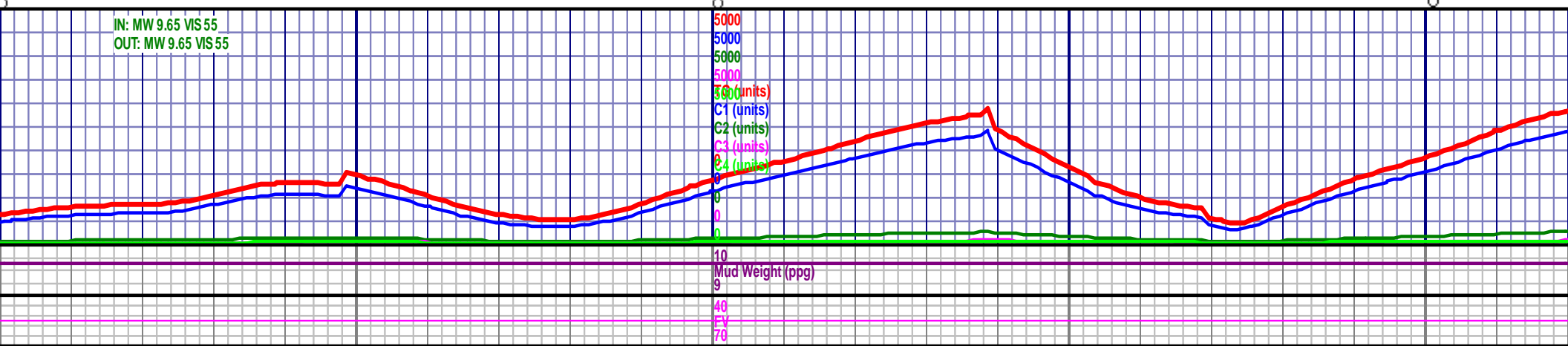
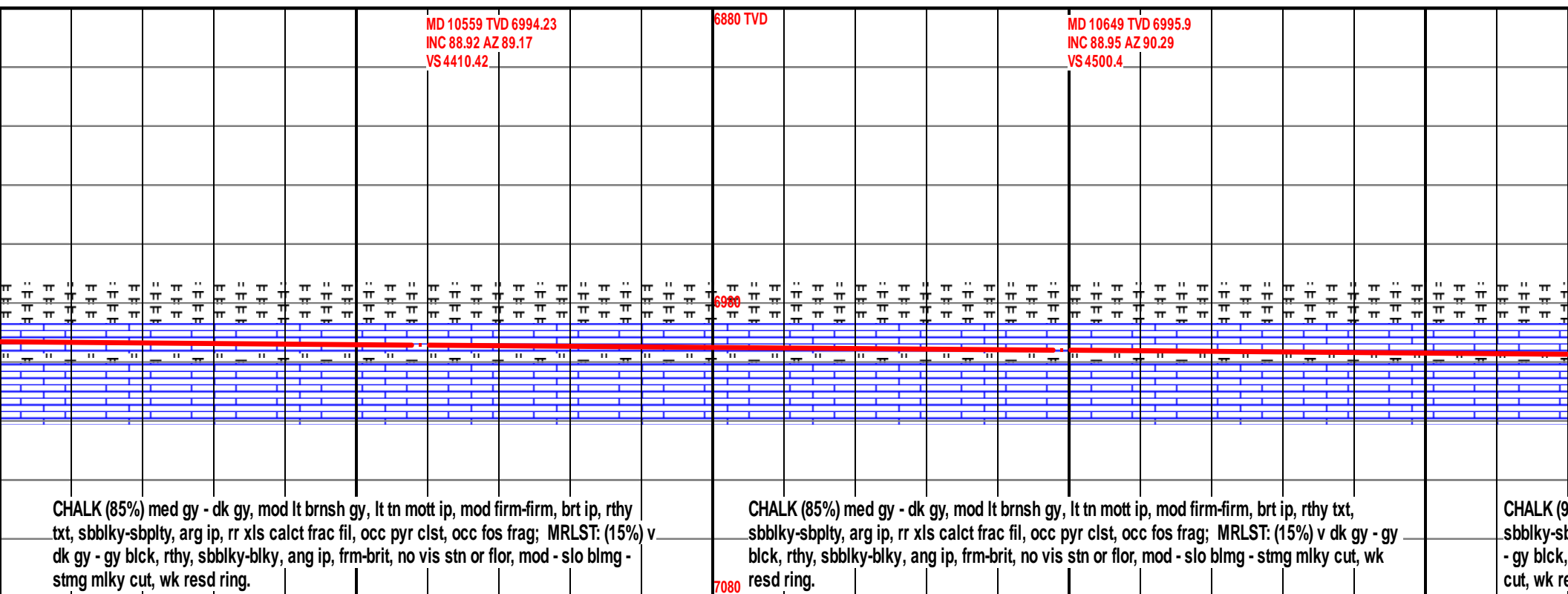
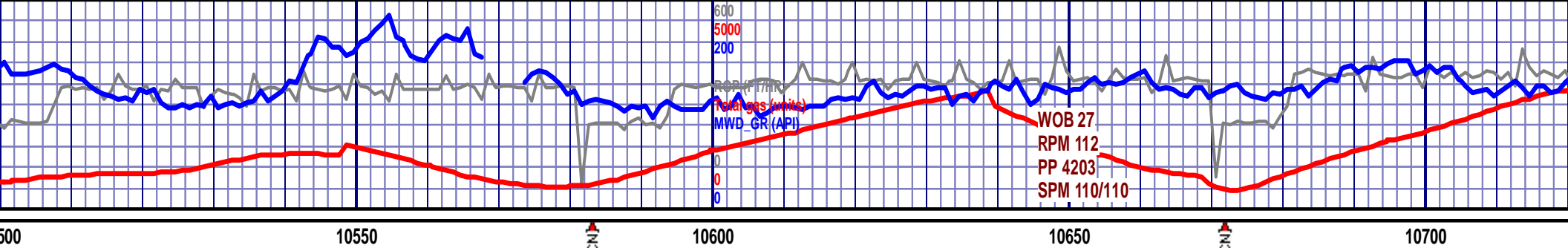


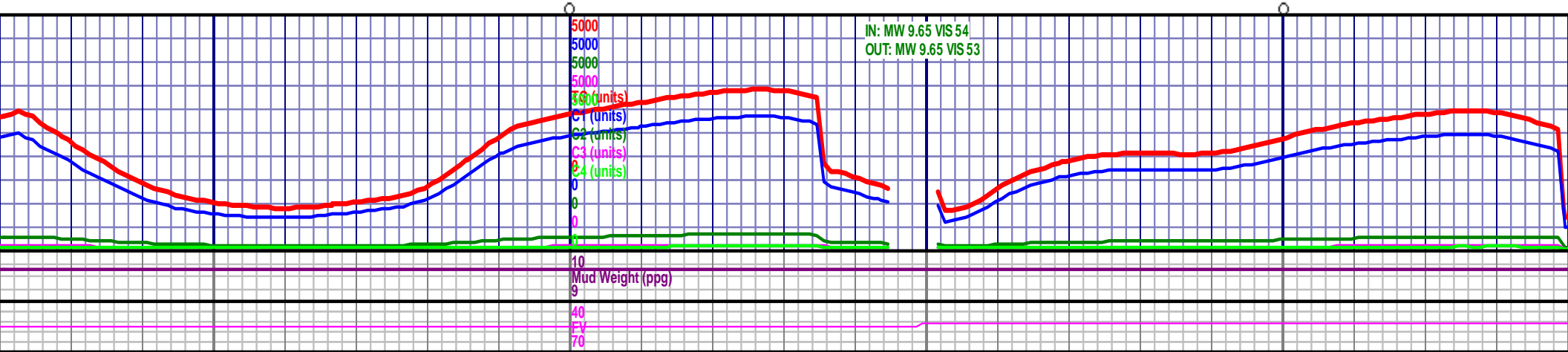
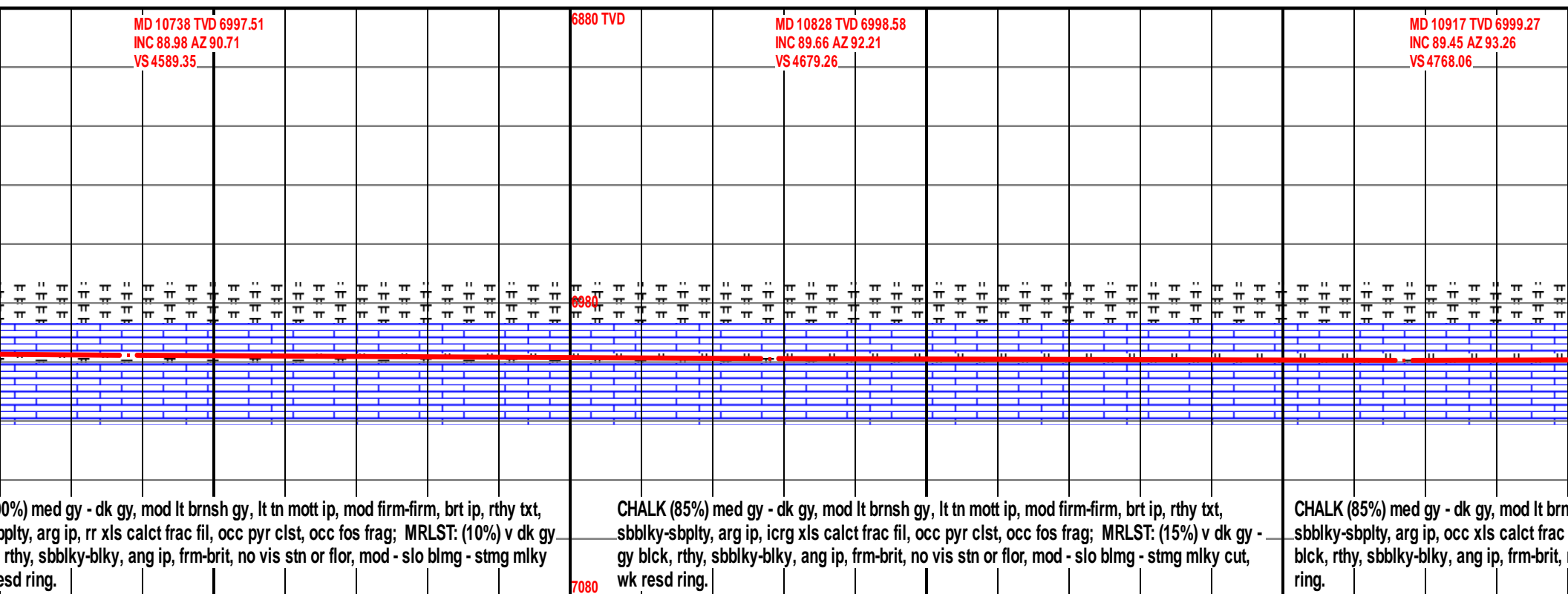
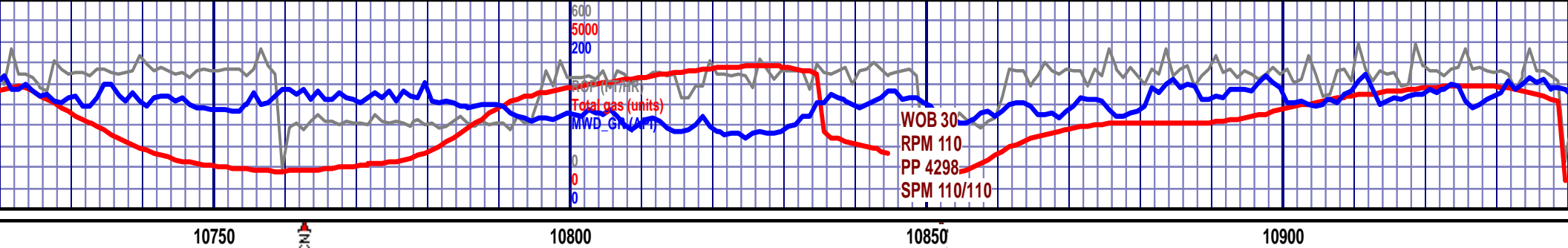


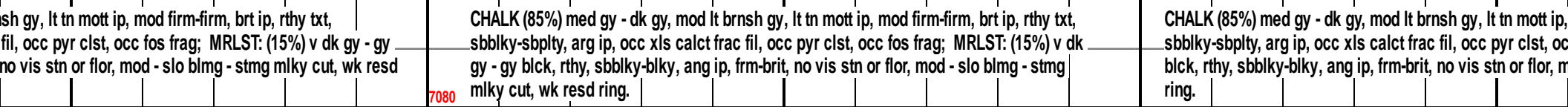
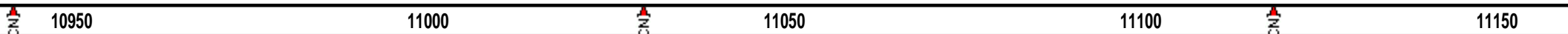


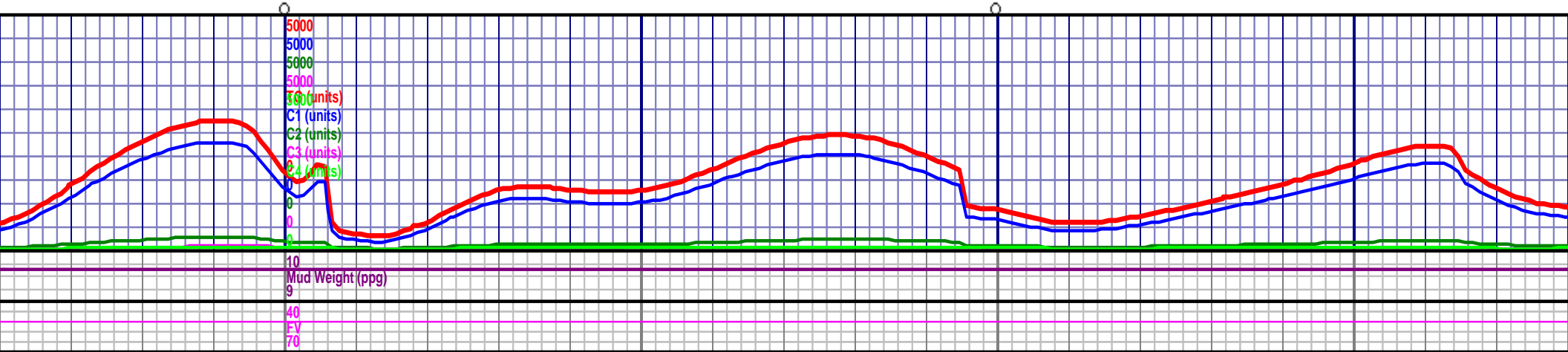
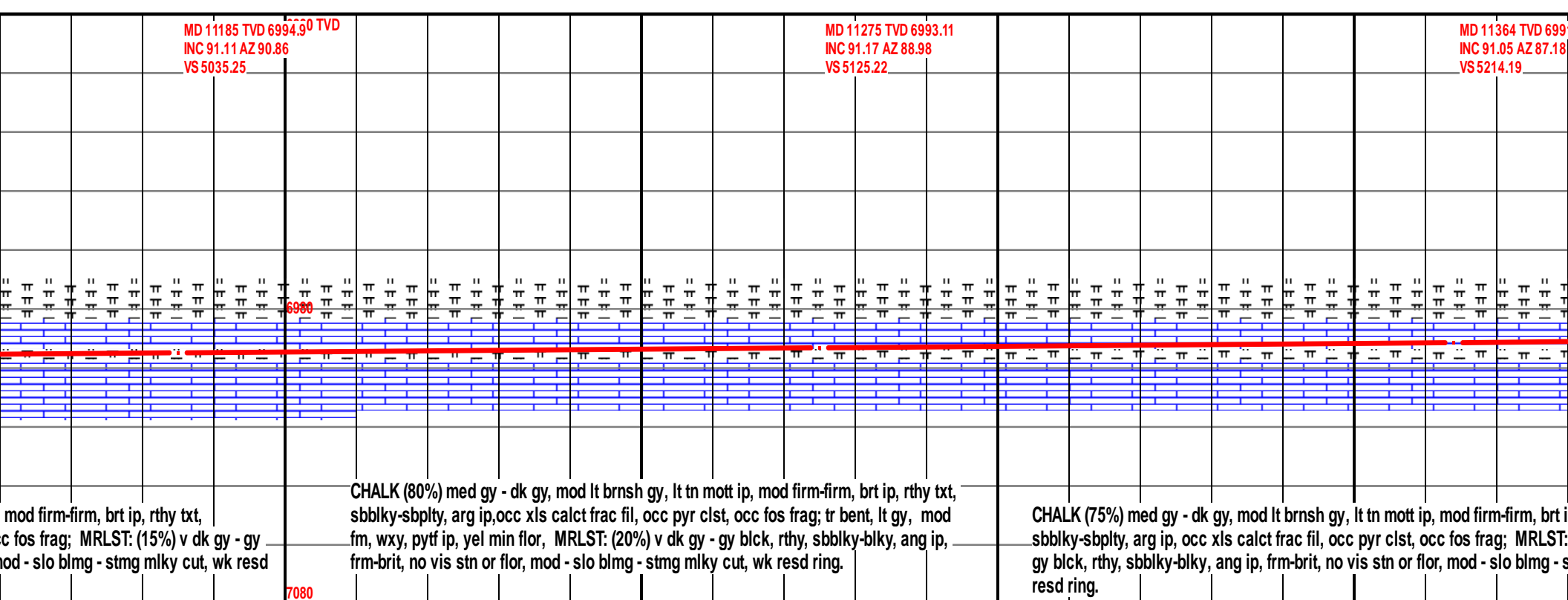
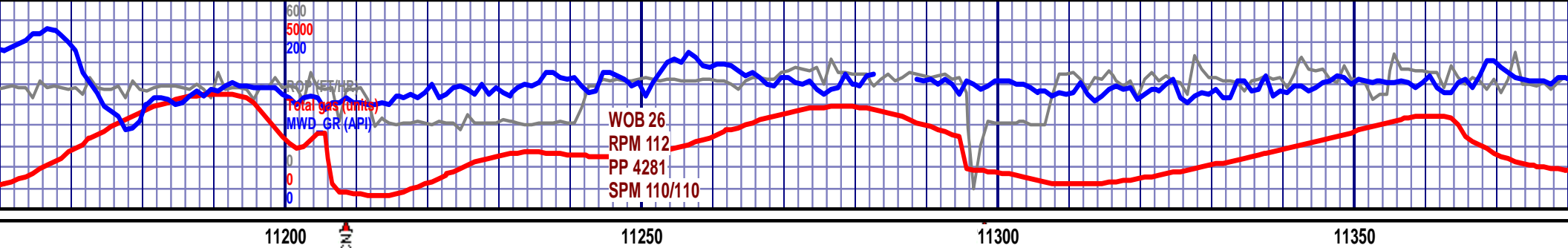


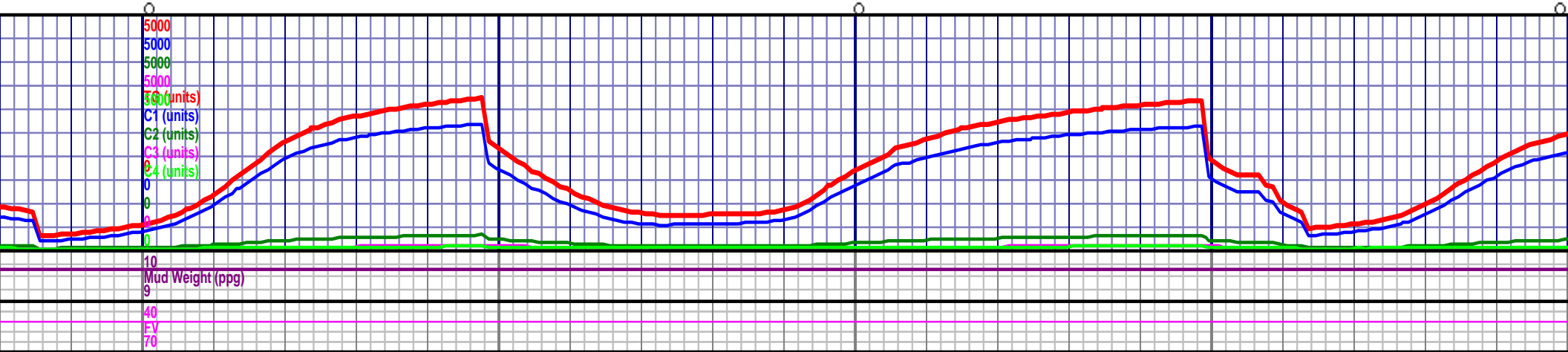
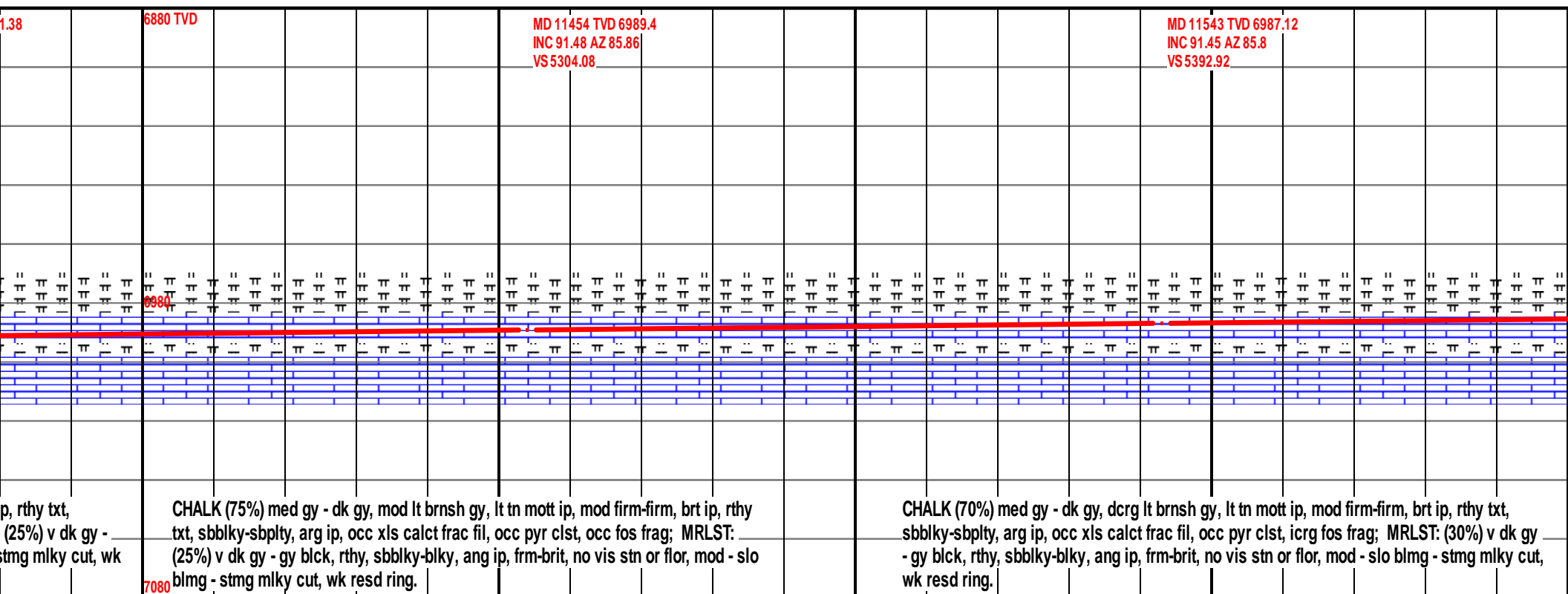
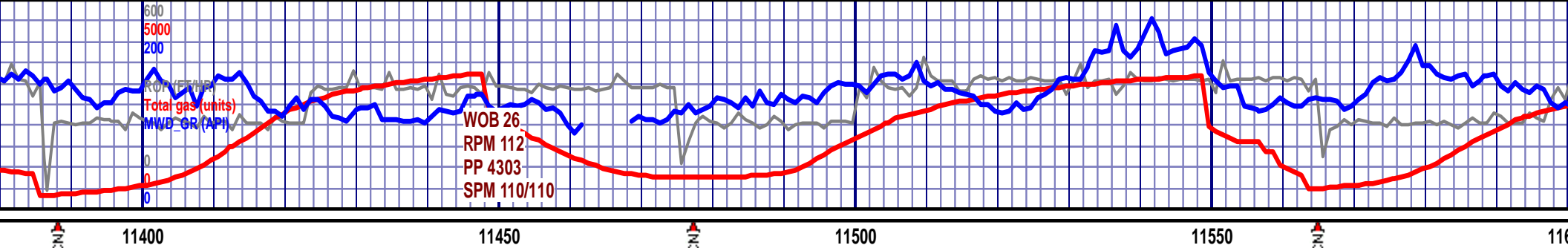


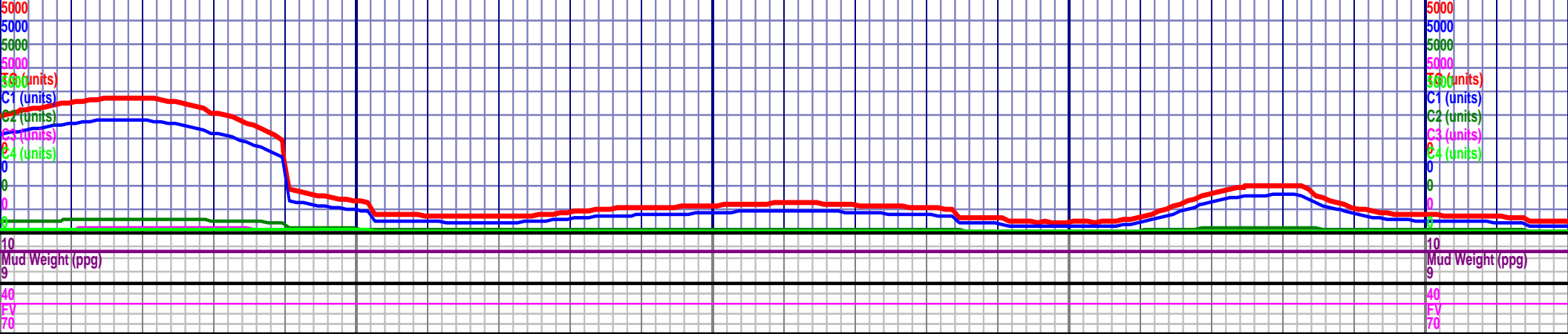
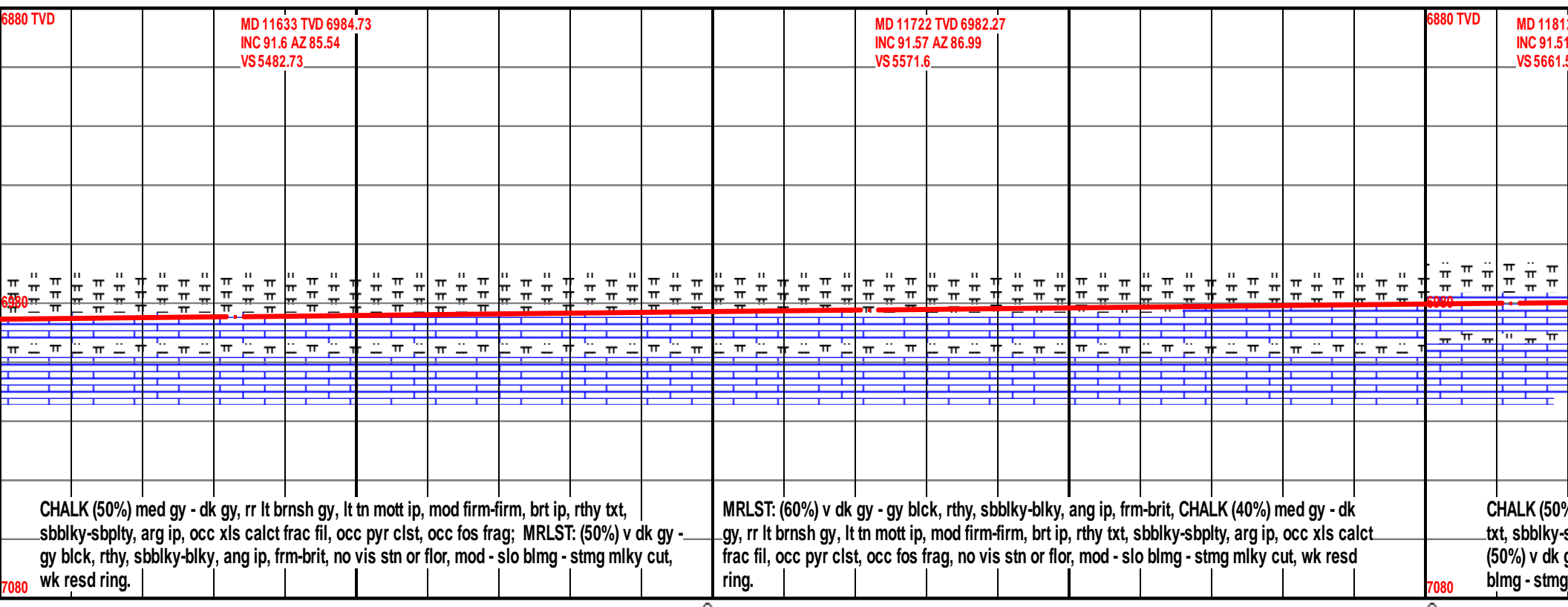
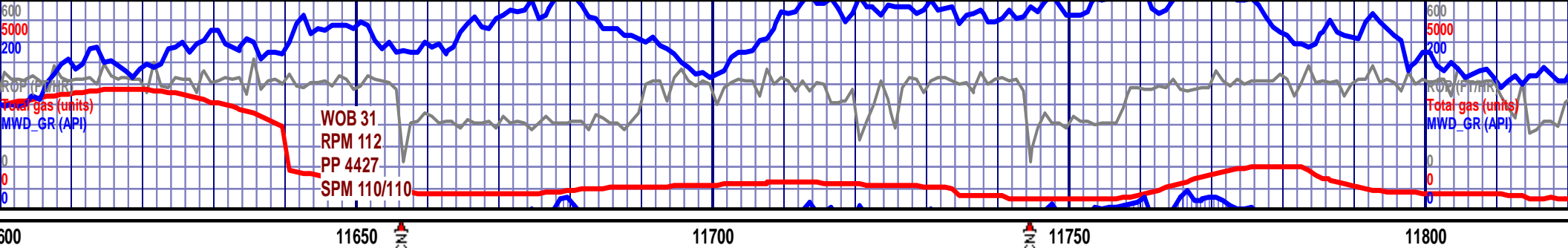


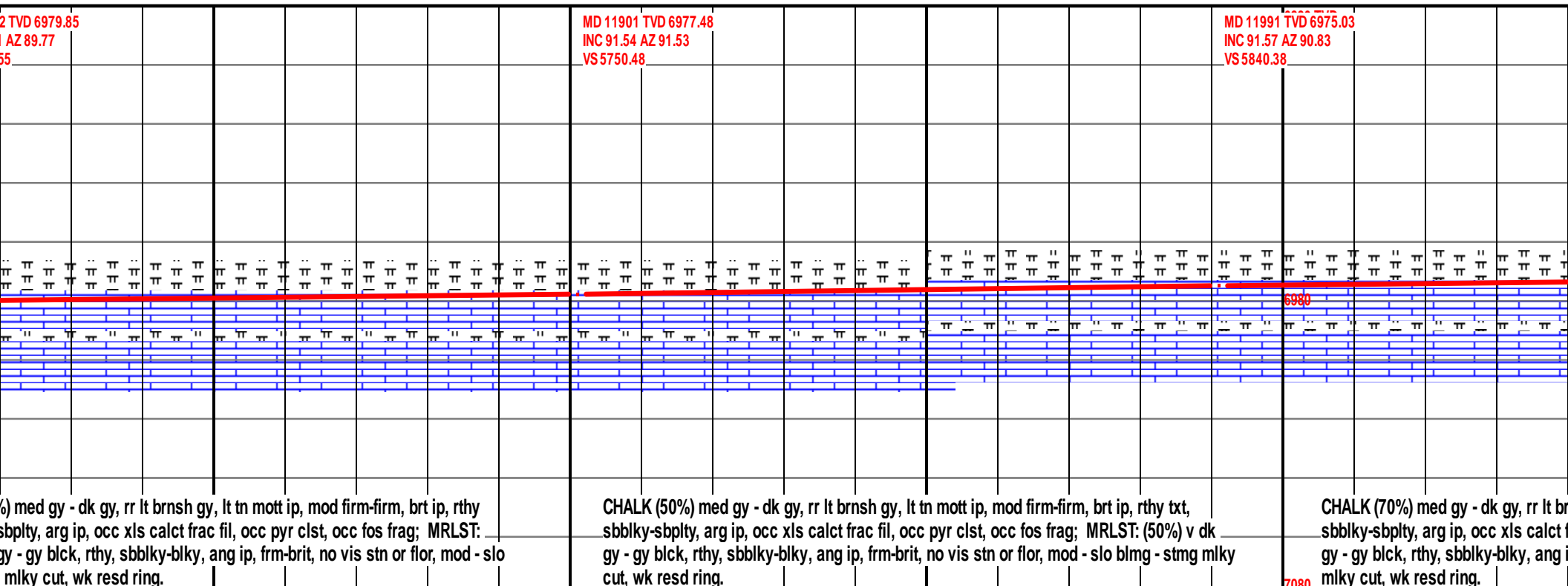


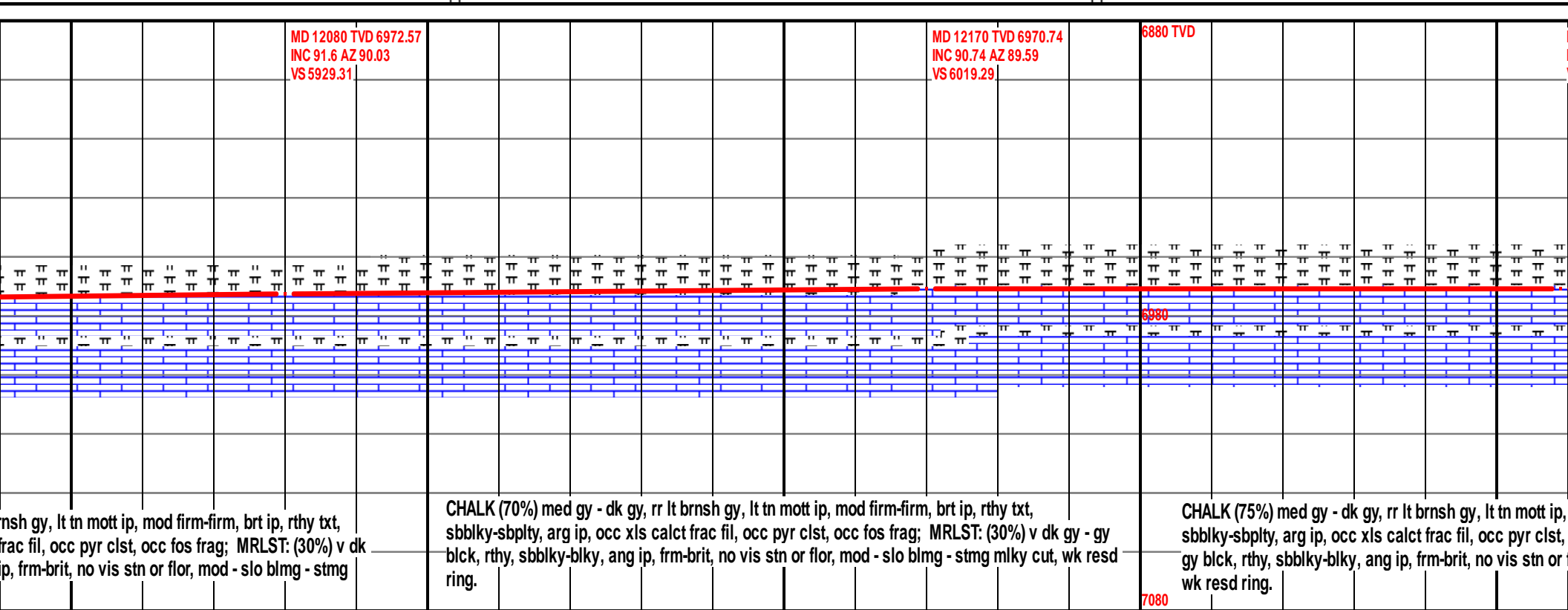


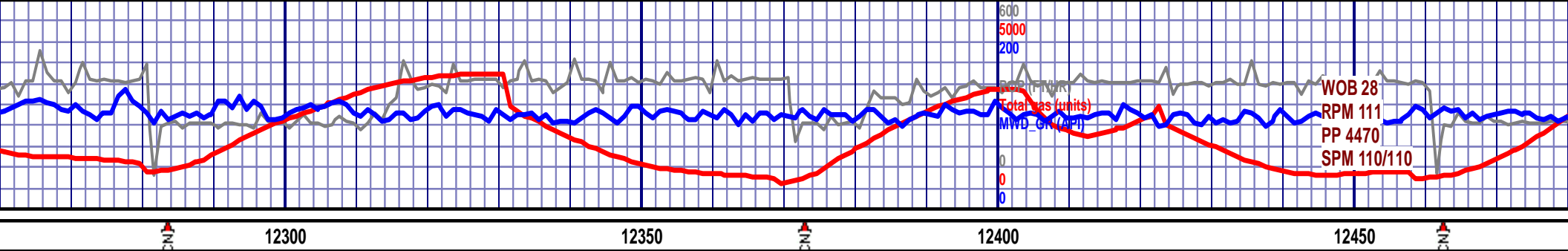










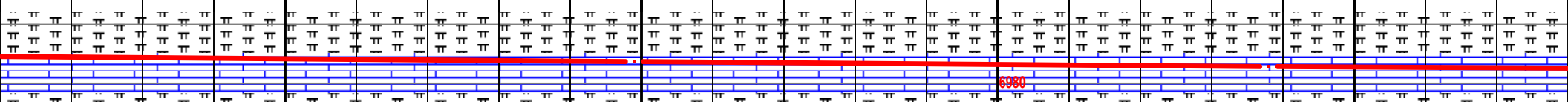


MD 12259 TVD 6970.88
INC 89.08 AZ 88.24
VS 6108.28

MD 12349 TVD 6972.32
INC 89.08 AZ 88.5
VS 6198.26

6880 TVD

MD 12438 TVD 6974.01
INC 88.74 AZ 88.51
VS 6287.24

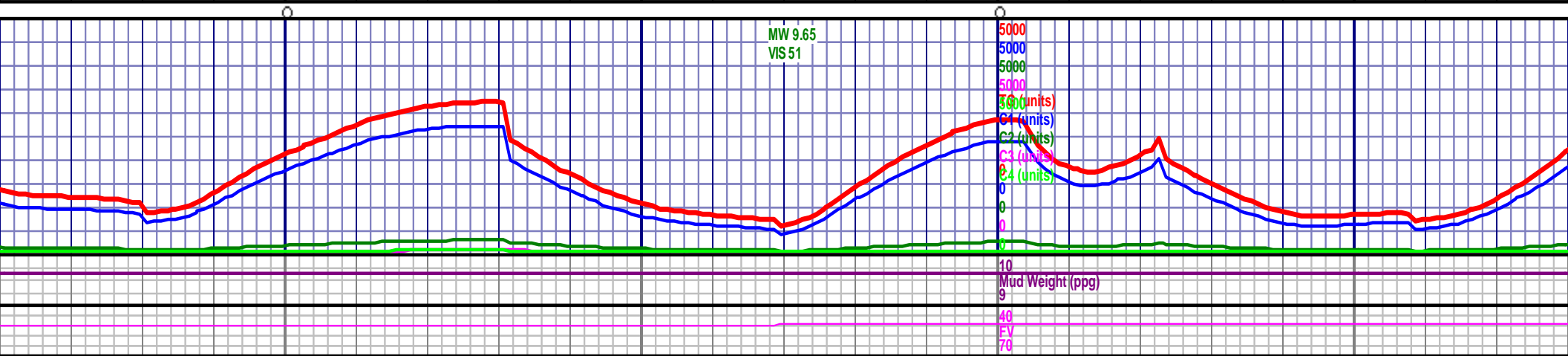


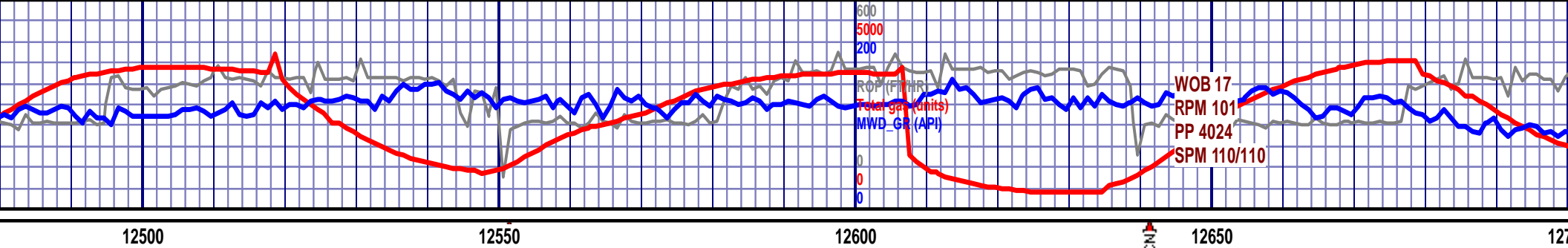
mod firm-firm, brt ip, rthy txt,
occ fos frag; MRLST: (25%) v dk gy -
flor, mod - slo blmg - stmg mlky cut,

CHALK (80%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt,
sbbly-sbply, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dk gy -
gy blk, rthy, sbbly-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk
resd ring.

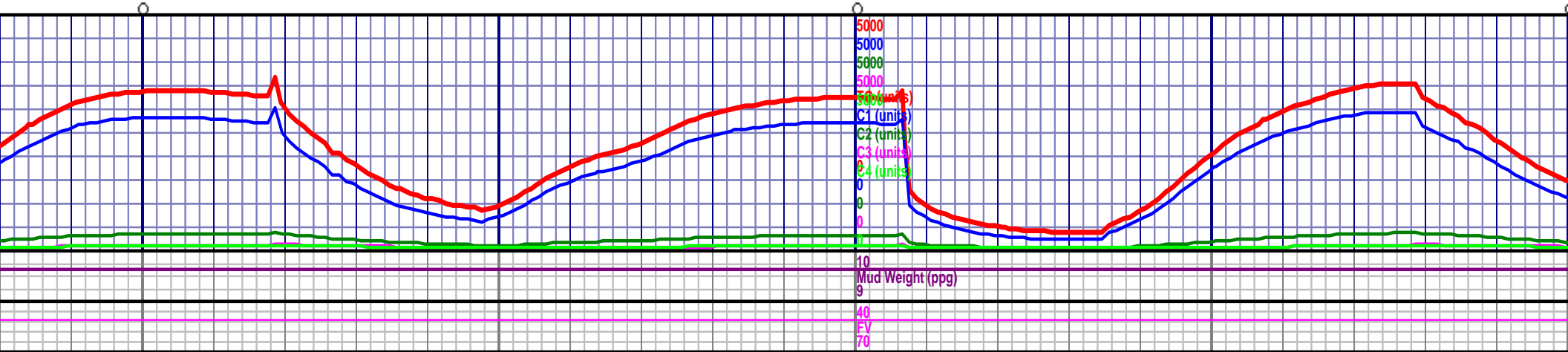
CHALK (80%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip,
sbbly-sbply, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST:
gy blk, rthy, sbbly-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg -
resd ring.

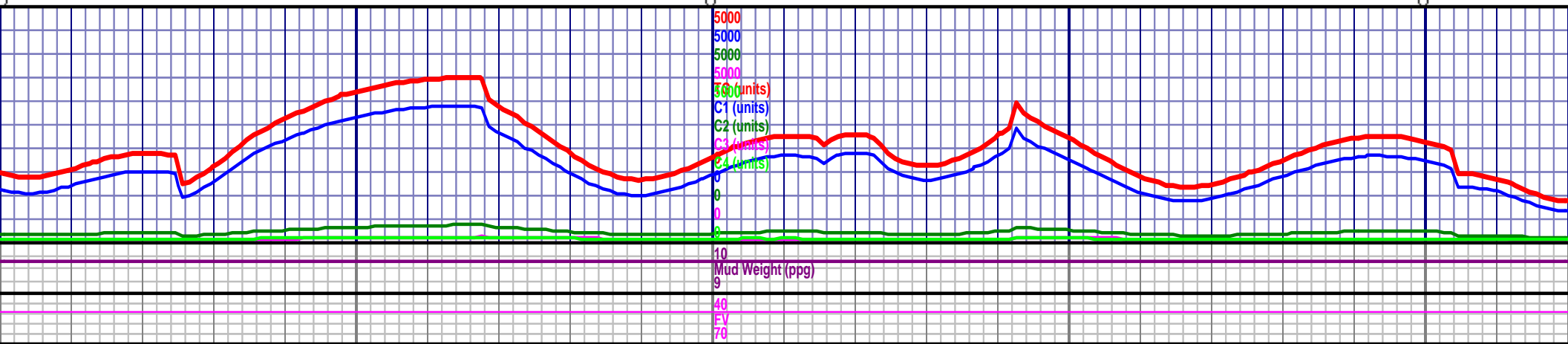
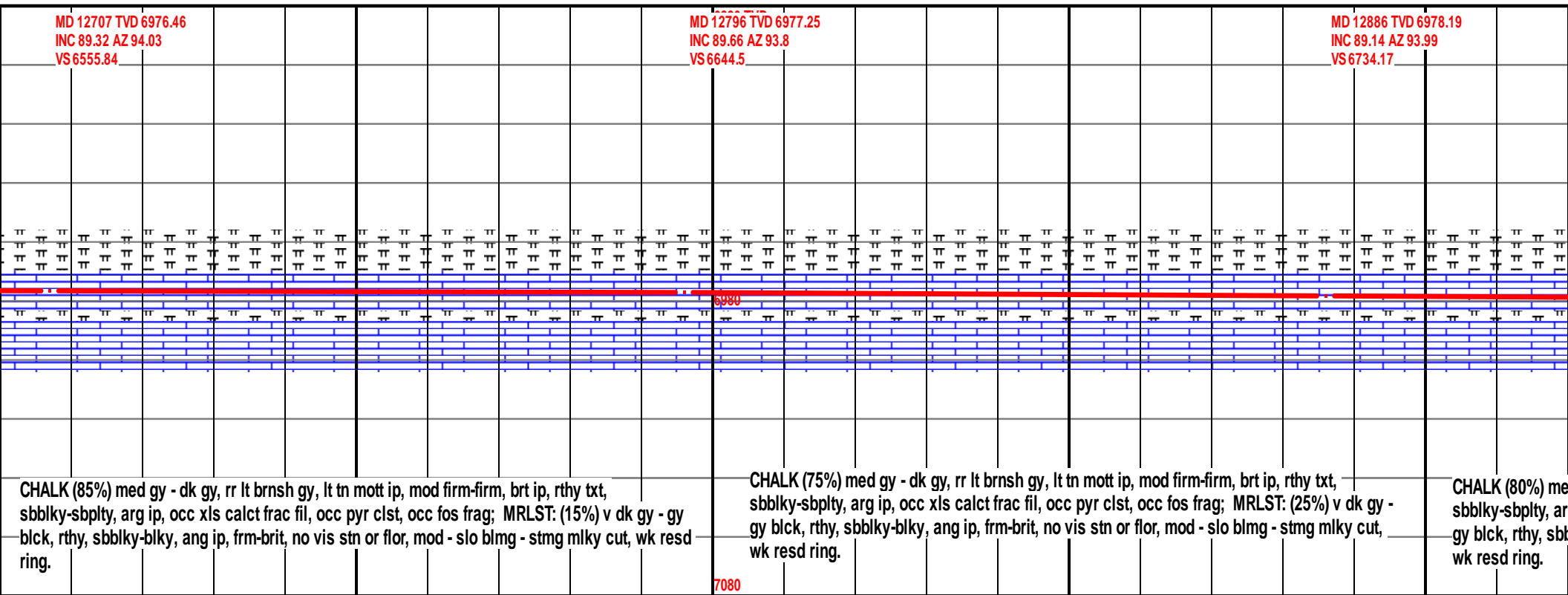
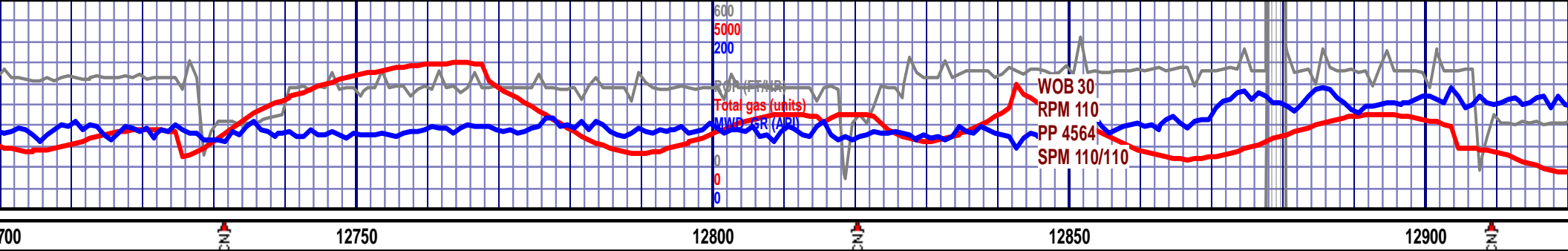
7080

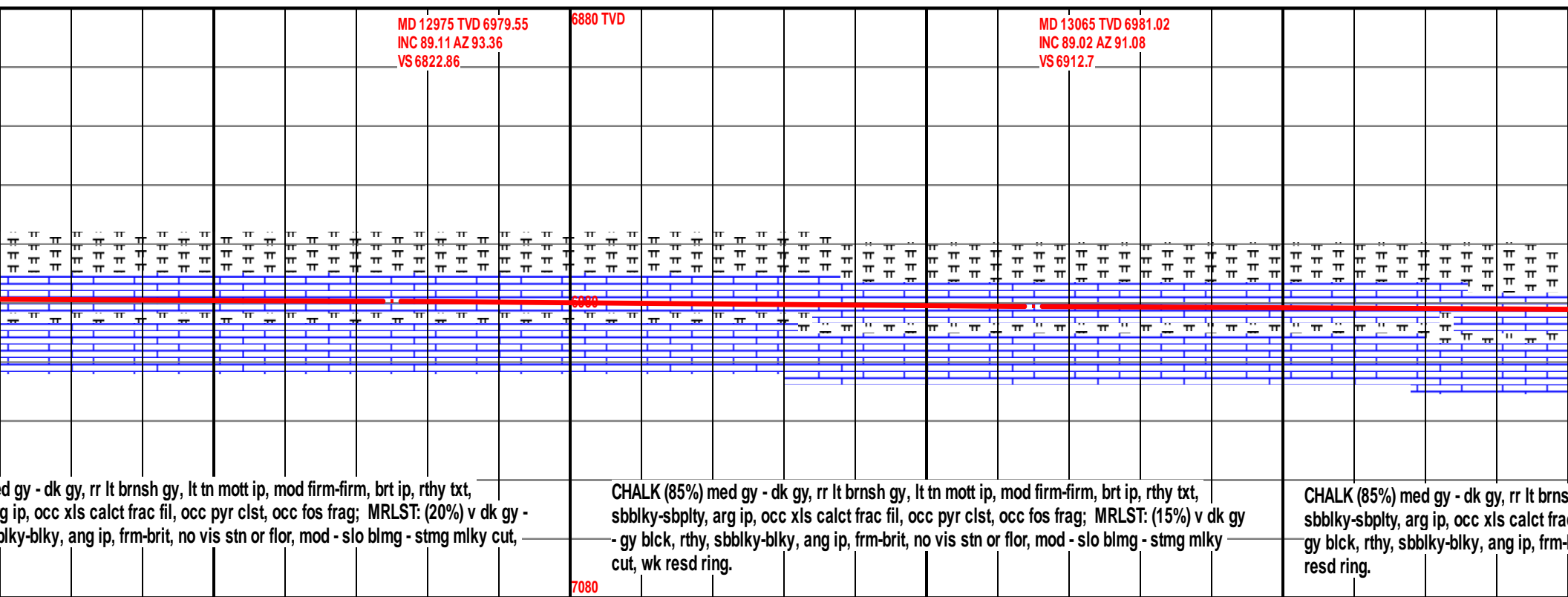


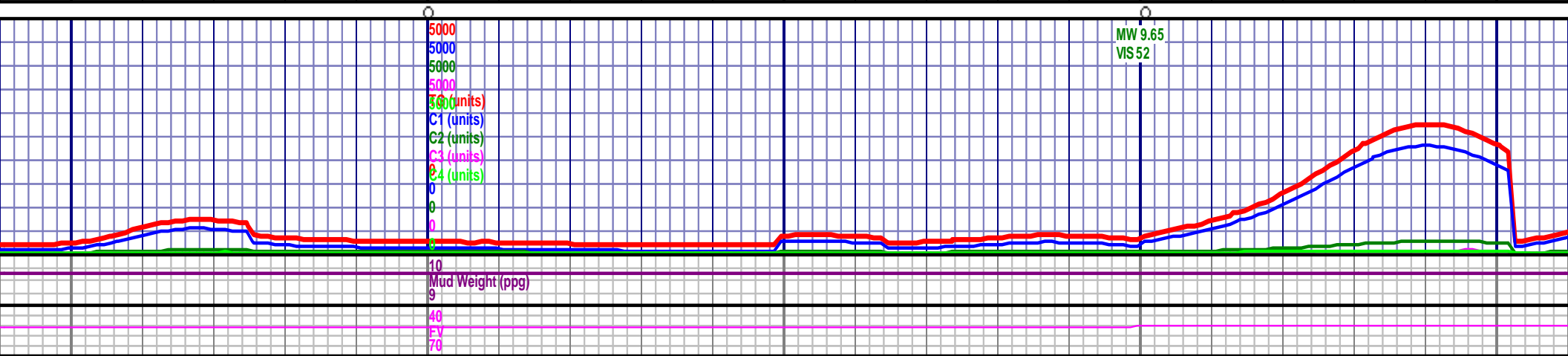
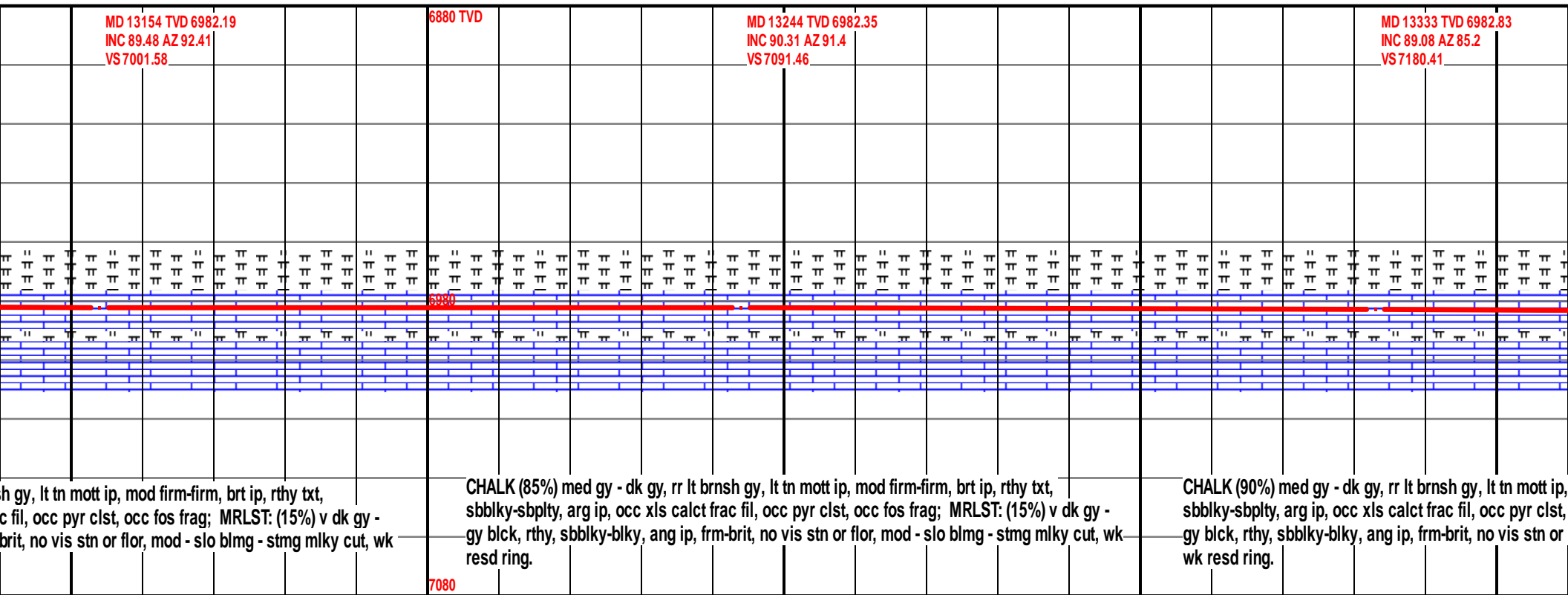
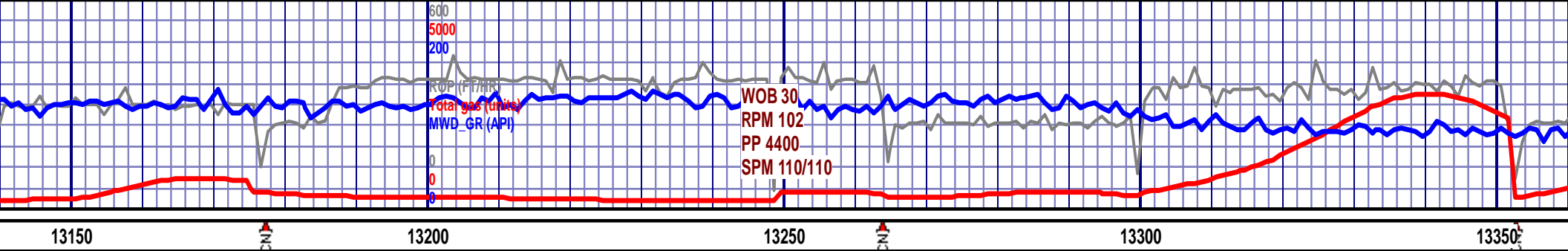


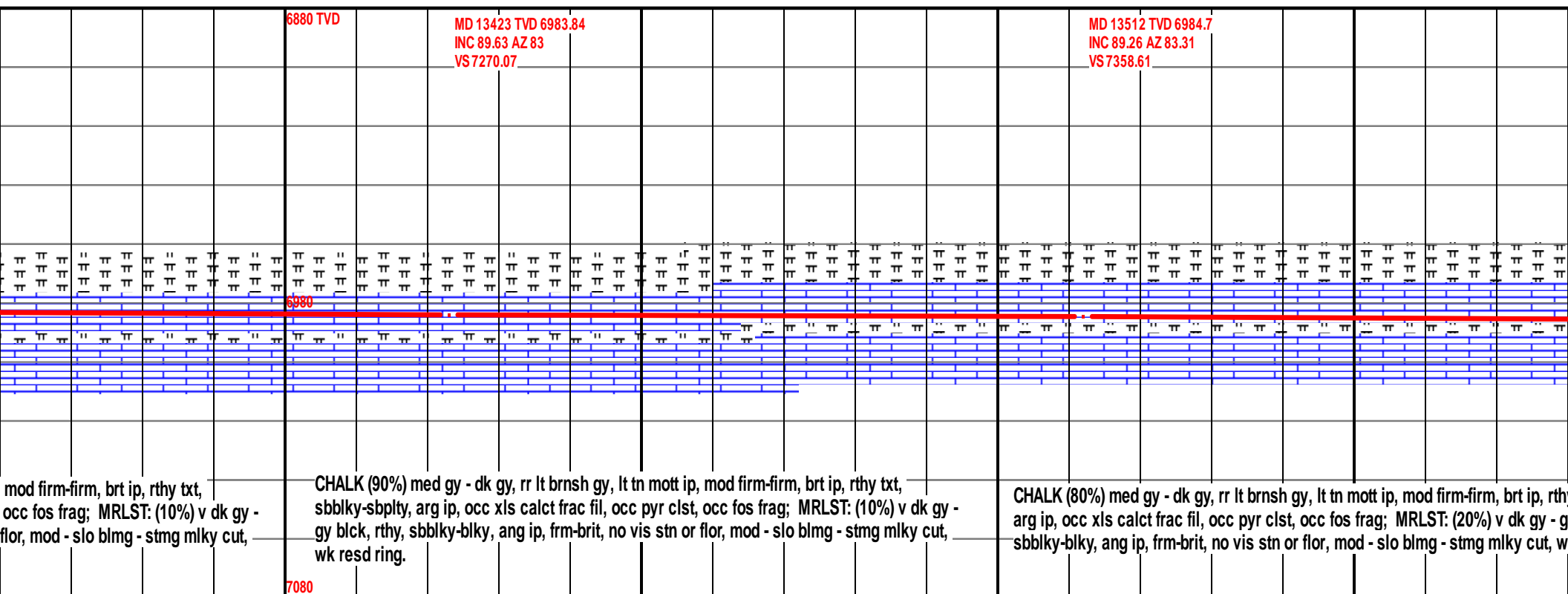
<p>MD 12528 TVD 6975.27 INC 89.66 AZ 90.63 VS 6377.22</p>	<p>CHALK (80%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dk gy - gy blk, rthy, sbblky-blky, ang ip, frm-brit, no vis stn or flr, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>6880 TVD</p>	<p>MD 12617 TVD 6975.73 INC 89.75 AZ 92.86 VS 6466.11</p>	<p>CHALK (85%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (15%) v dk gy - gy blk, rthy, sbblky-blky, ang ip, frm-brit, no vis stn or flr, mod - slo blmg - stmg mlky cut, wk resd ring.</p>
---	--	-----------------	---	--

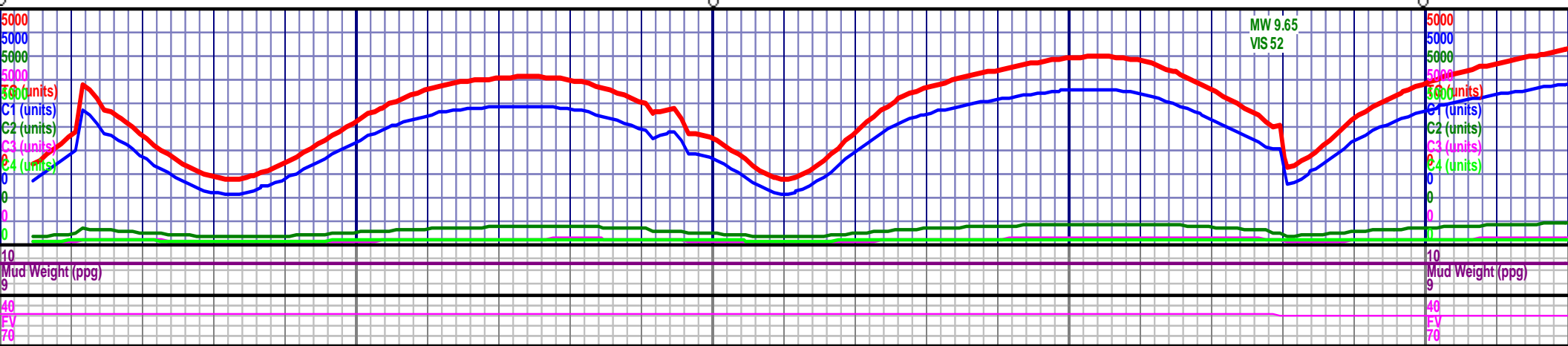
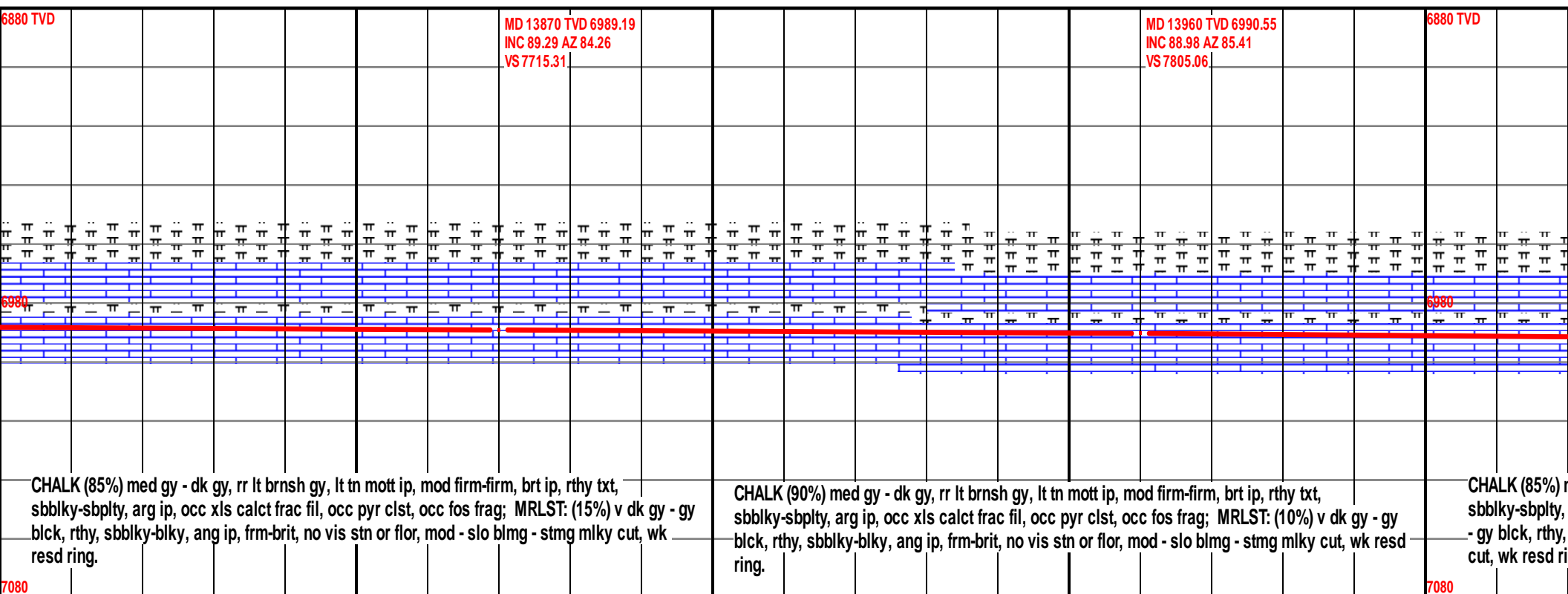
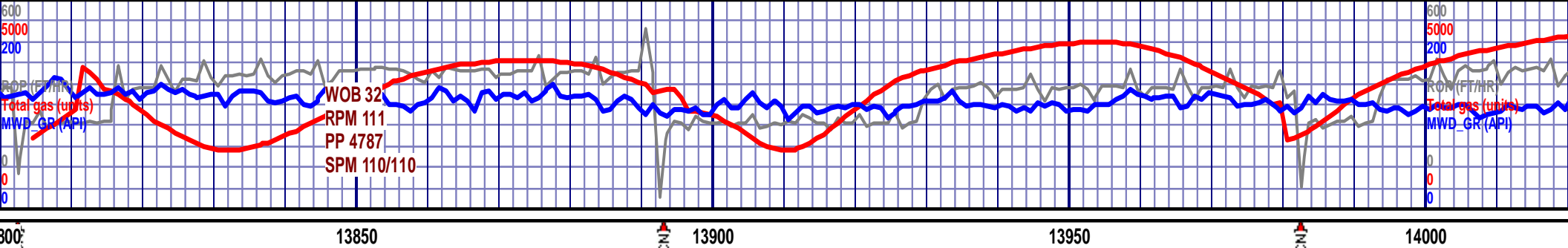


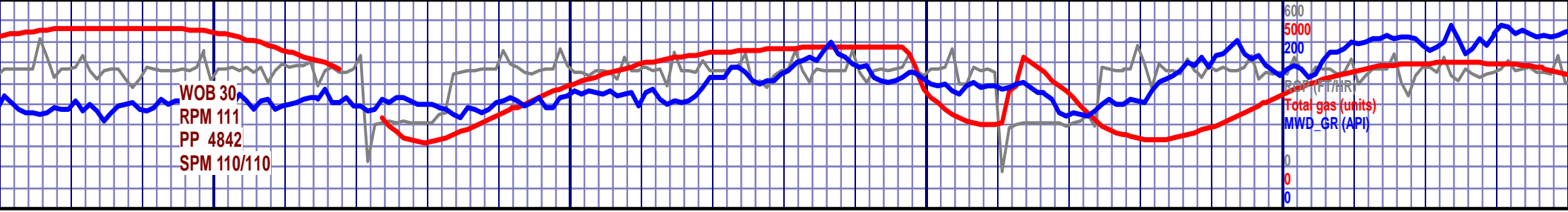












14050

14100

14150

14200

MD 14049 TVD 6992.18
INC 88.92 AZ 87.23
VS 7893.95

MD 14139 TVD 6993.78
INC 89.05 AZ 88.93
VS 7983.92

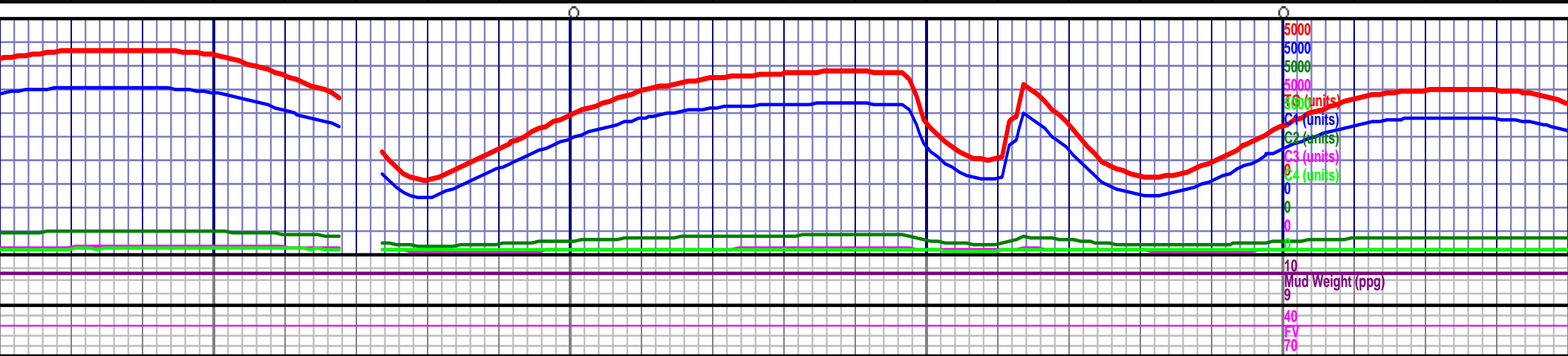
6880 TVD

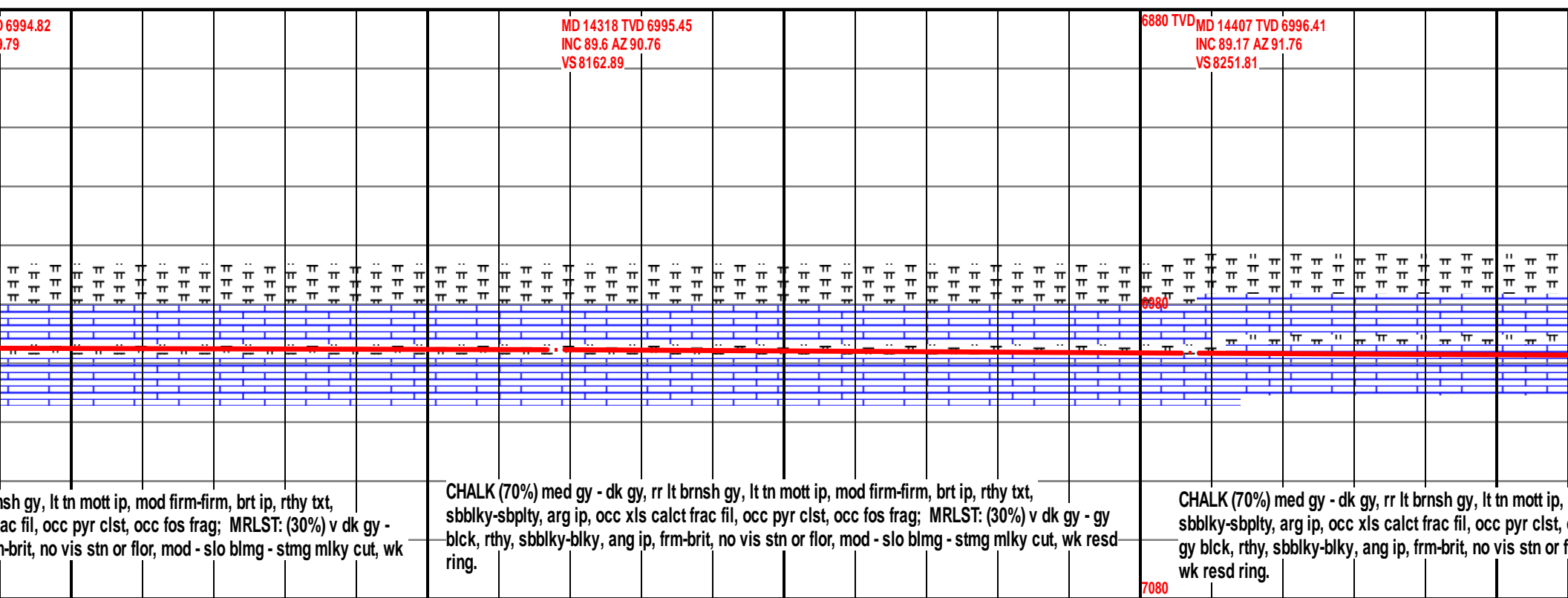
MD 14228 TVD
INC 89.6 AZ 89
VS 8072.91

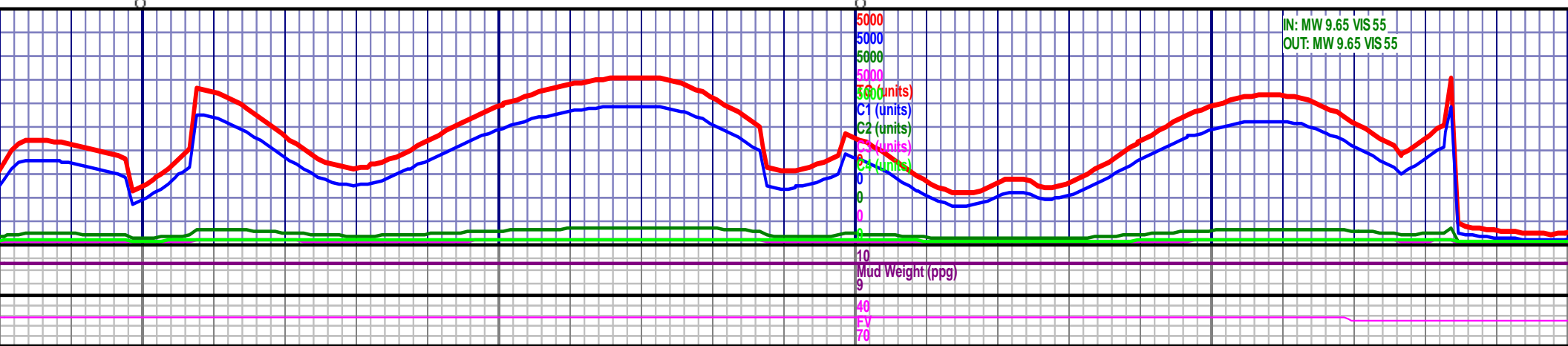
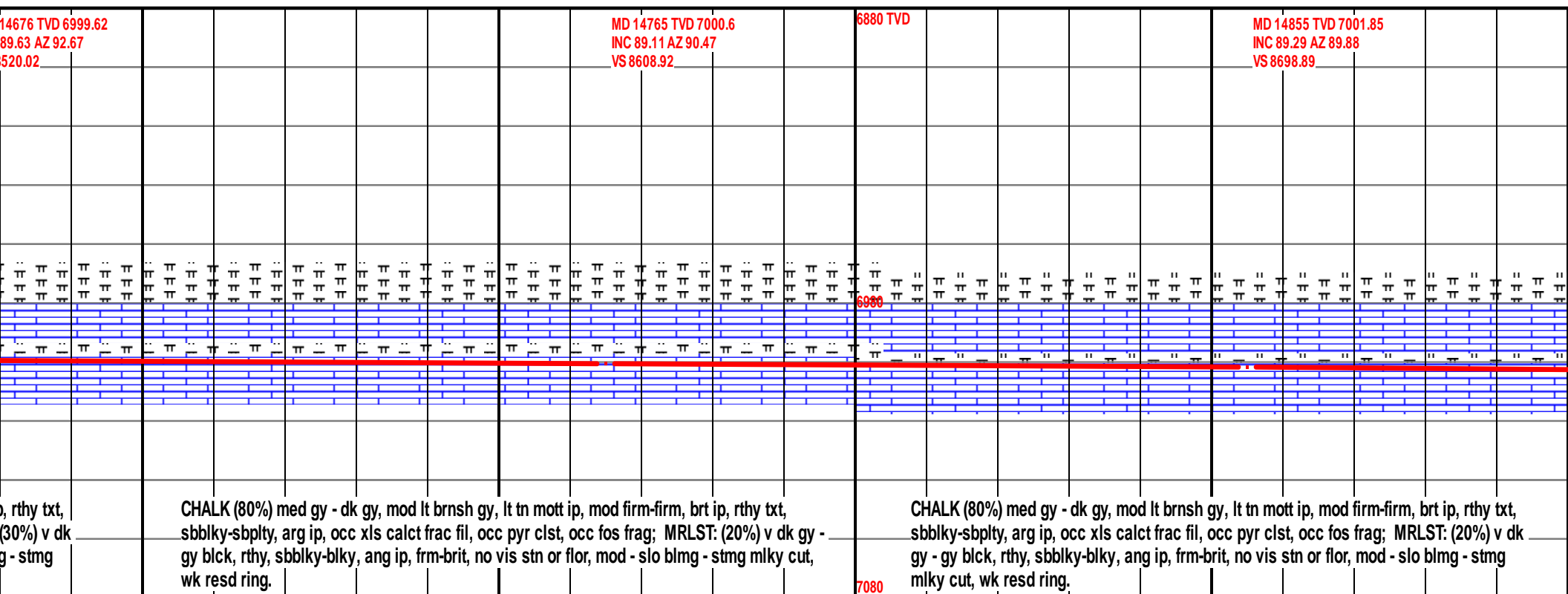
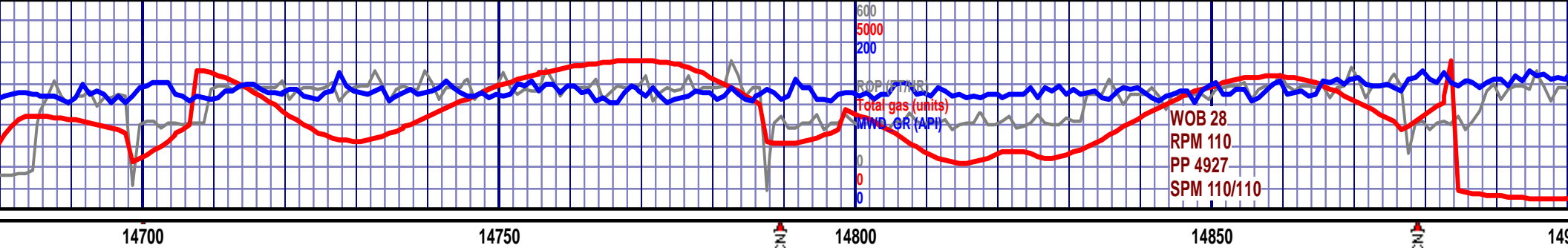
med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (15%) v dk gy sbbiky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg milky ng.

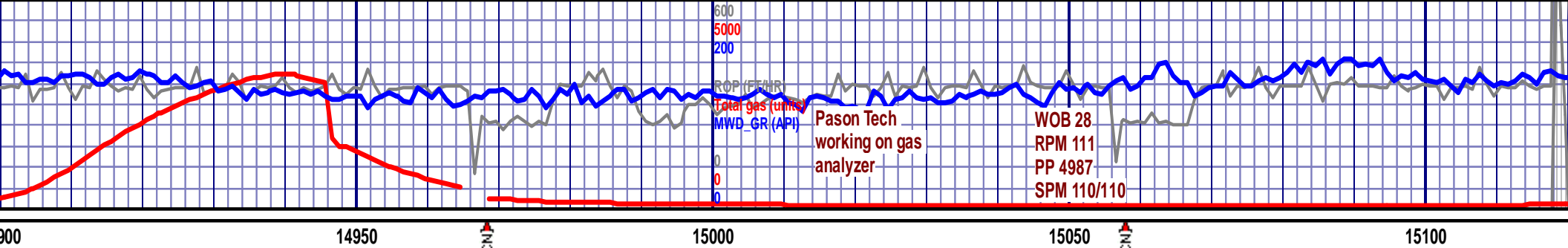
CHALK (75%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbbiky-sbply, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (25%) v dk gy - gy blk, rthy, sbbiky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg milky cut, wk resd ring.

CHALK (70%) med gy - dk gy, rr lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbbiky-sbply, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (30%) v dk gy - gy blk, rthy, sbbiky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg milky cut, wk resd ring.

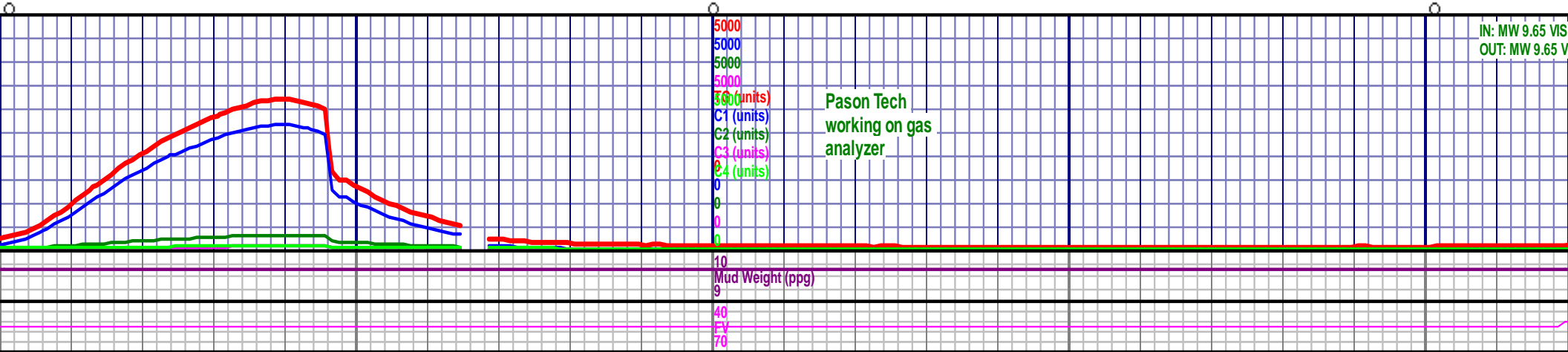


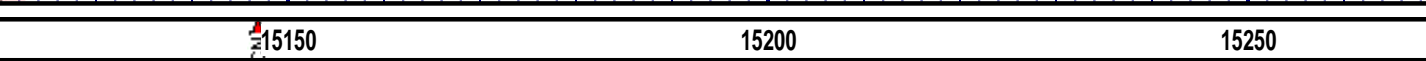




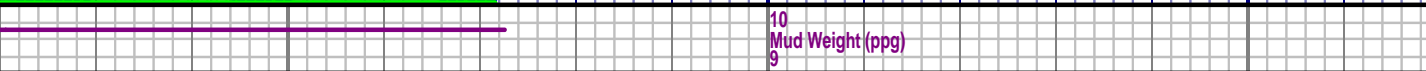


<p>MD 14944 TVD 7003.5 INC 88.59 AZ 90.25 VS 8787.86</p> <p>6880 TVD</p> <p>MD 15034 TVD 7005.38 INC 89.02 AZ 90.28 VS 8877.82</p> <p>CHALK (80%) med gy - dk gy, mod lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dk gy - gy blk, rthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>CHALK (80%) med gy - dk gy, mod lt brnsh gy, lt tn mott ip, mod firm-firm, brt ip, rthy txt, sbblky-sbplty, arg ip, occ xls calct frac fil, occ pyr clst, occ fos frag; MRLST: (20%) v dk gy - gy blk, rthy, sbblky-blky, ang ip, frm-brit, no vis stn or flor, mod - slo blmg - stmg mlky cut, wk resd ring.</p>	<p>CHALK (80%) med ip, rthy txt, sbblky-frag; MRLST: (20%) vis stn or flor, mod</p>
---	--	---





A horizontal number line with a single tick mark labeled 0.

[illegible]