

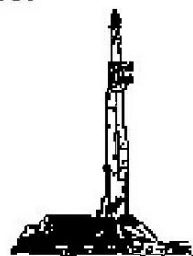
GOOLSBY BROTHERS
and associates, inc.

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: Troudt 41N-23C-M
API: 051234623700
Location: SE/NW Section 27 T6N R66W Weld County, CO.
License Number:
Spud Date: August 18, 2018
Surface Coordinates: 760 FNL 1669 FWL; NE/NW Sec. 27 T6N R66W
Lat/Long: 40.464592 N / -104.767369 W
Bottom Hole Planned: 1435' FSL 510' FEL; Sec. 23 T6N R66W
Coordinates: Projected: 1431' FSL 474' FEL; Sec. 23 T6N R66W
Ground Elevation (ft): 4,720'
Logged Interval (ft): 7,250' To: 15,595'
Formation: Niobrara C Chalk
Type of Drilling Fluid: OBM (LSND Surface).

Region: Wattenberg
Drilling Completed: August 22, 2018

K.B. Elevation (ft): 4,744'
Total Depth (ft): 15,595' 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: Nick Argis

GEOLOGIST

Name: Blake Stacey & Tekabe Gedamu
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 15,580' MD

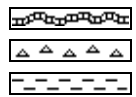
Casing

9 5/8" Surface Casing pre set @ 1,851' MD.
5 1/2" Production Liner set @ 15,580' on 8/23/2018.

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: Aaron Herskind, Jeremiah Samson
MWD: Garrett Gerdson, Sean McCaffery, Baker Remote Field Operations
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)

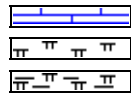
ROCK TYPES



Bent
Cht
Clyst



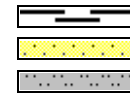
Oil sat.
Dol
Lmst



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

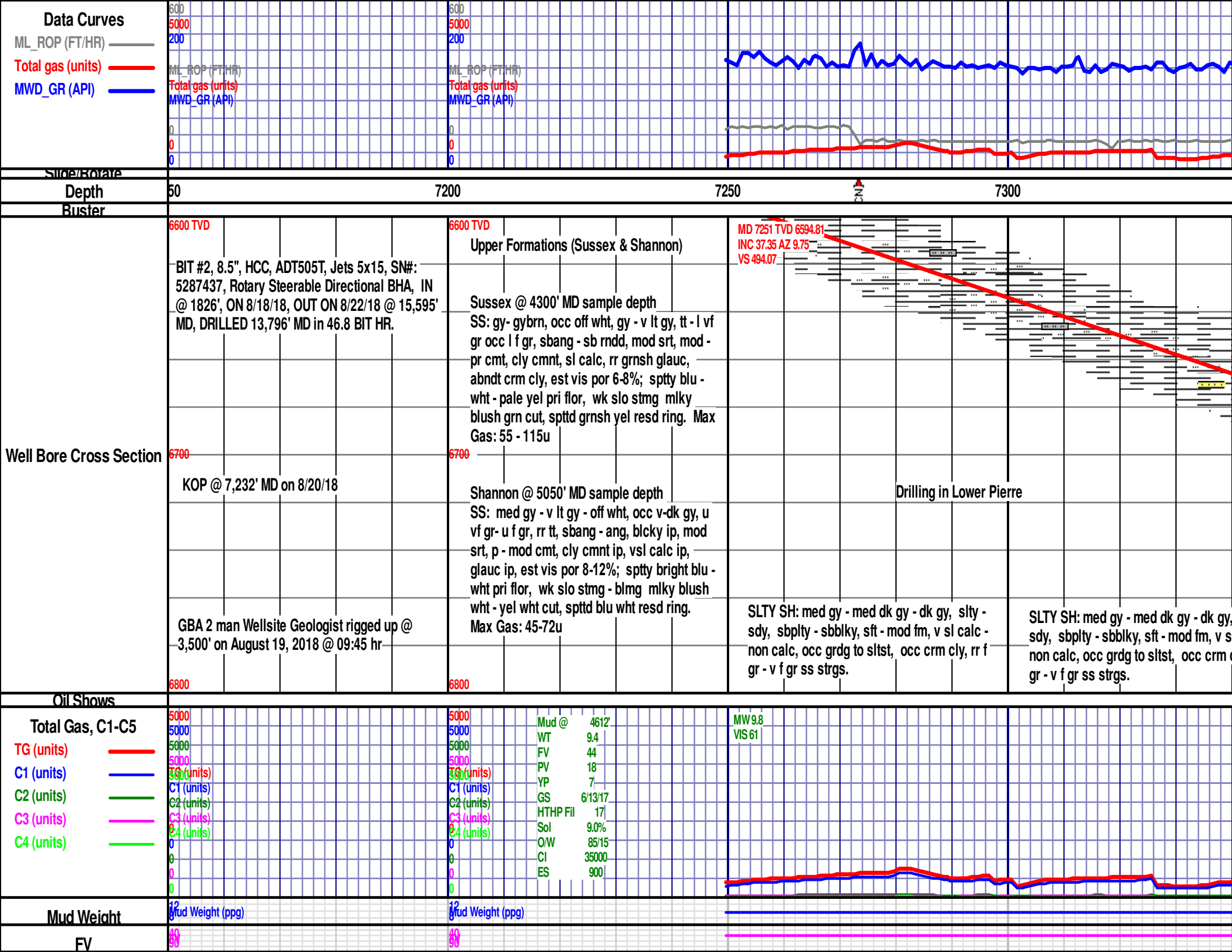
Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

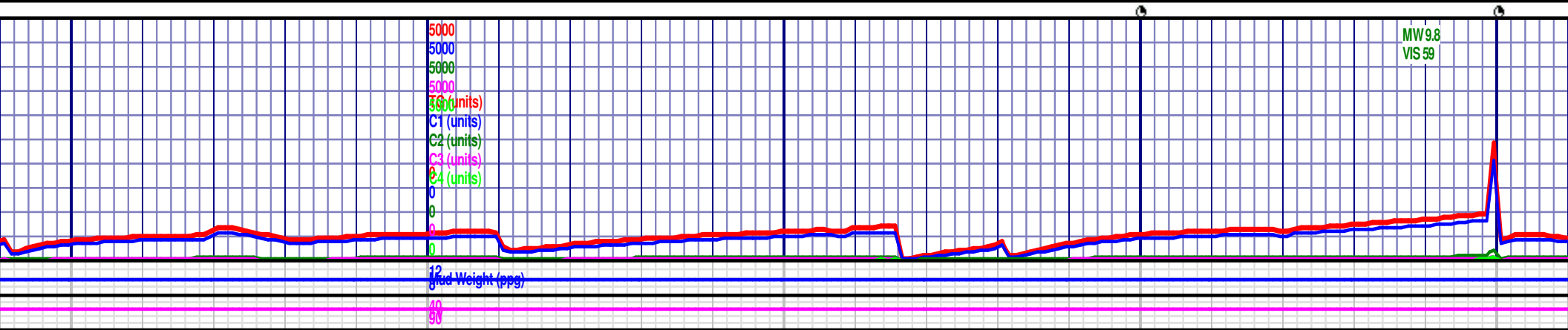
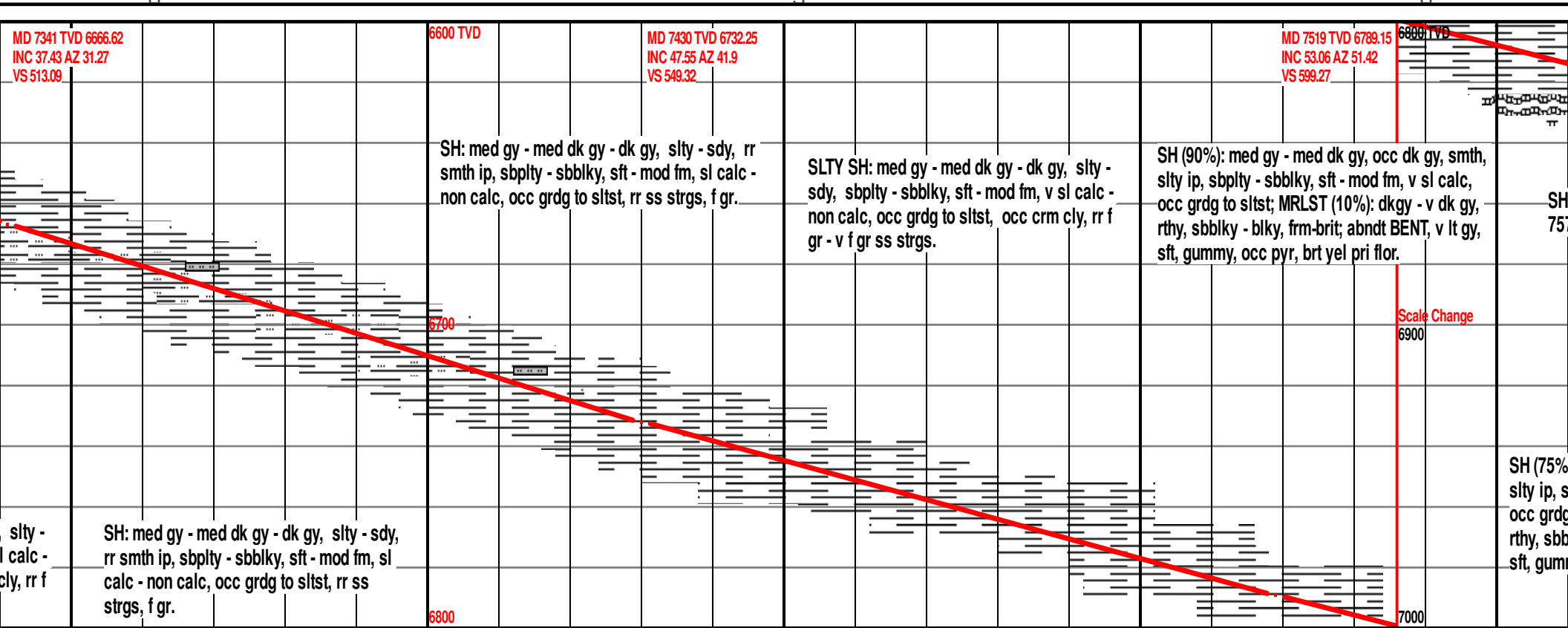
ROUNDING

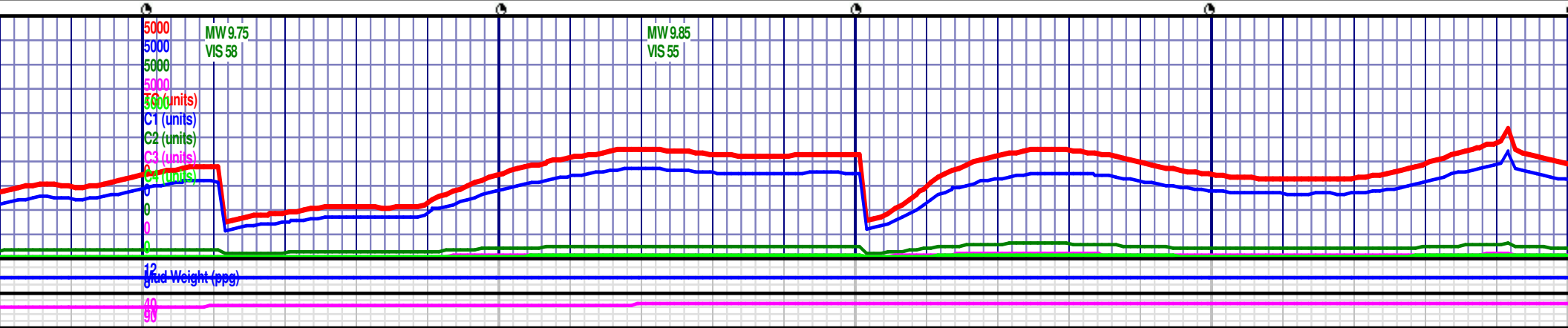
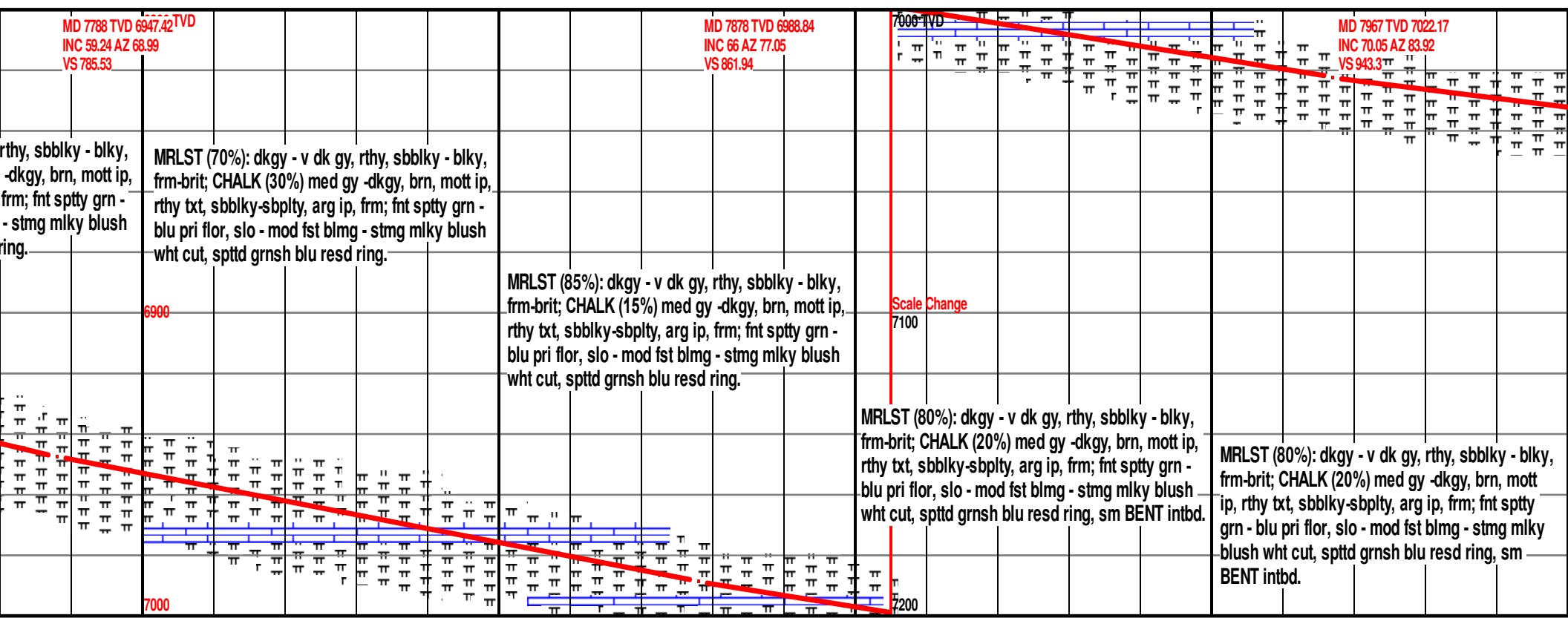
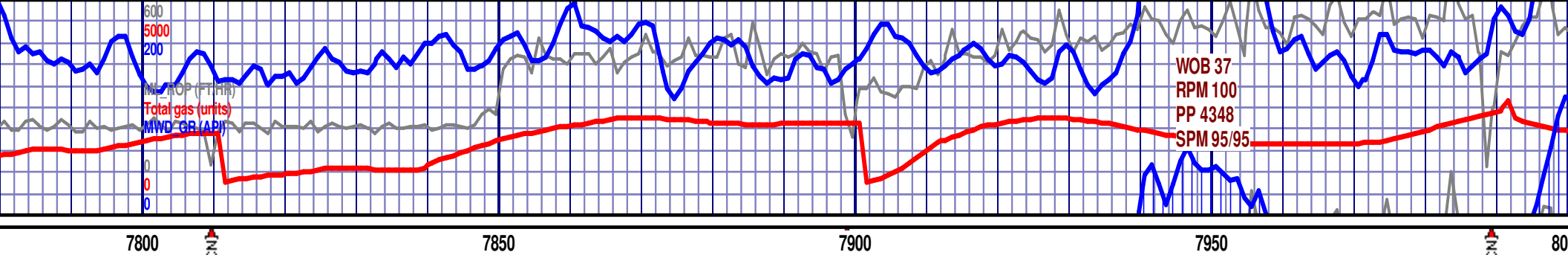
Rounded
 Subrnd
 Subang
 Angular

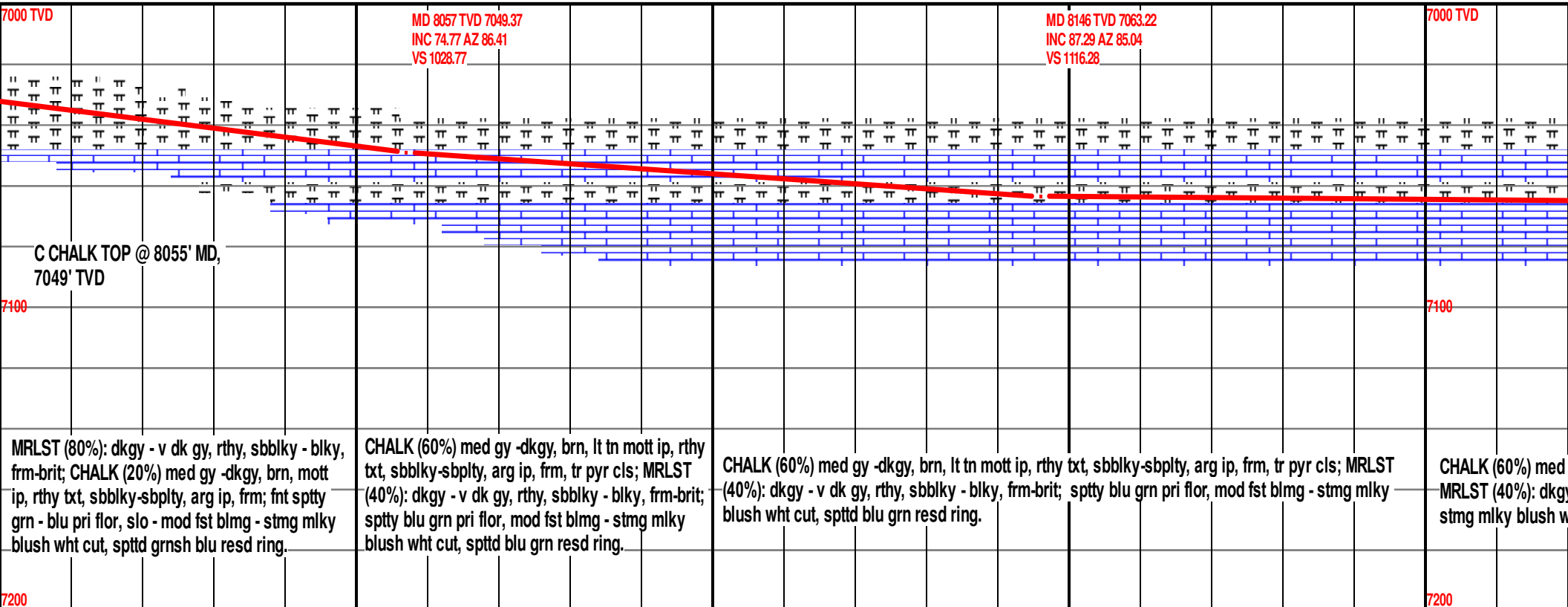
SORTING

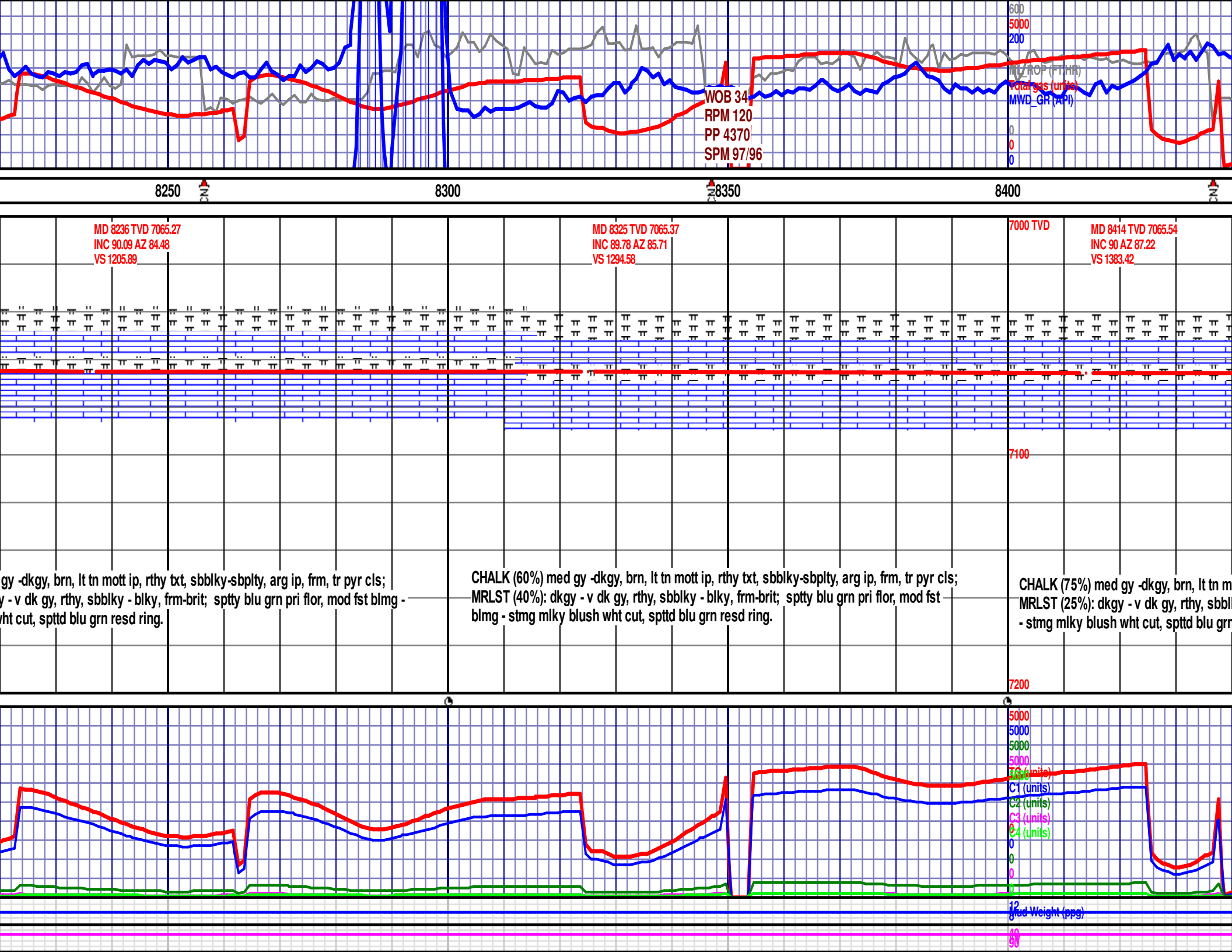
Well
 Moderate
 Poor

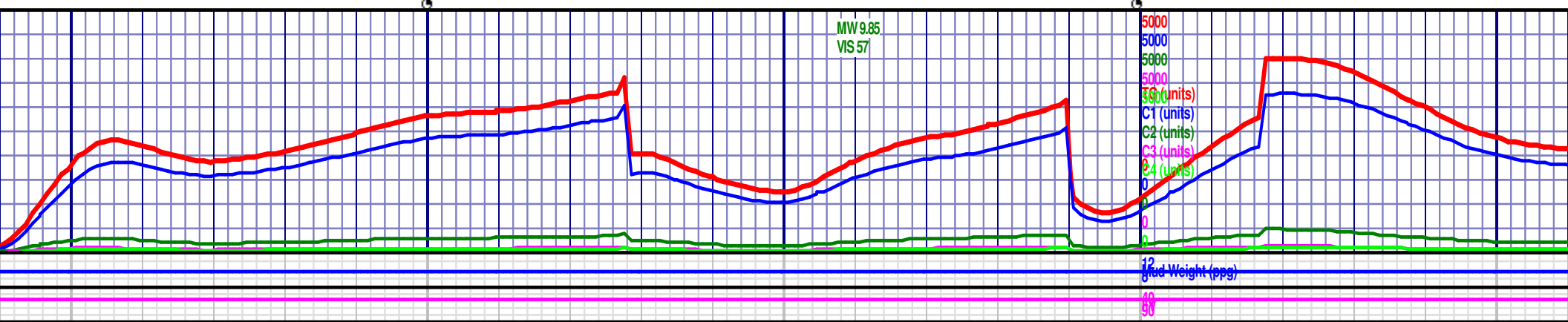
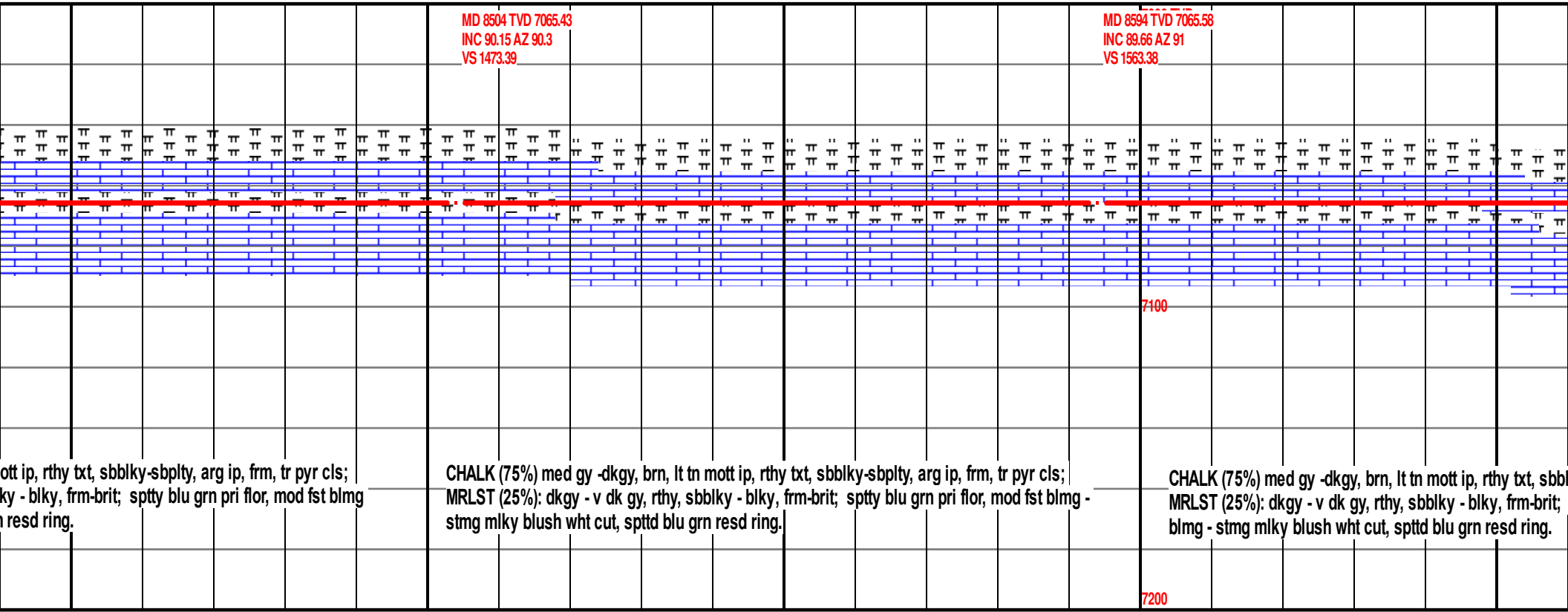
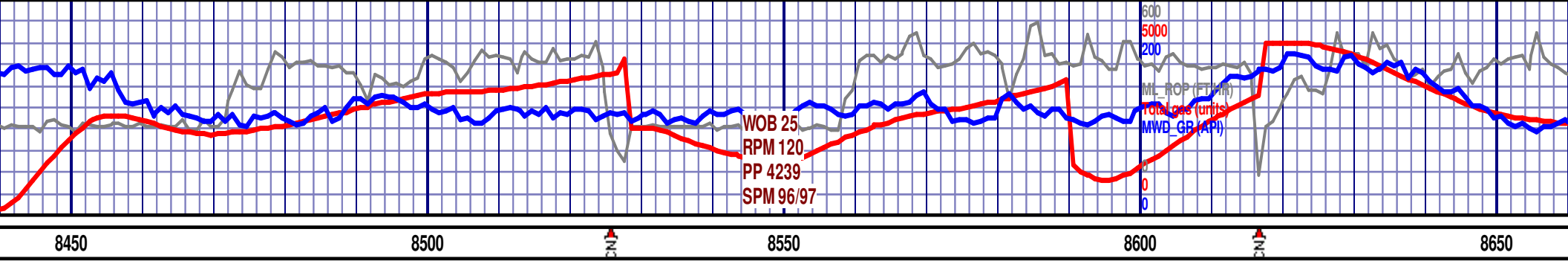


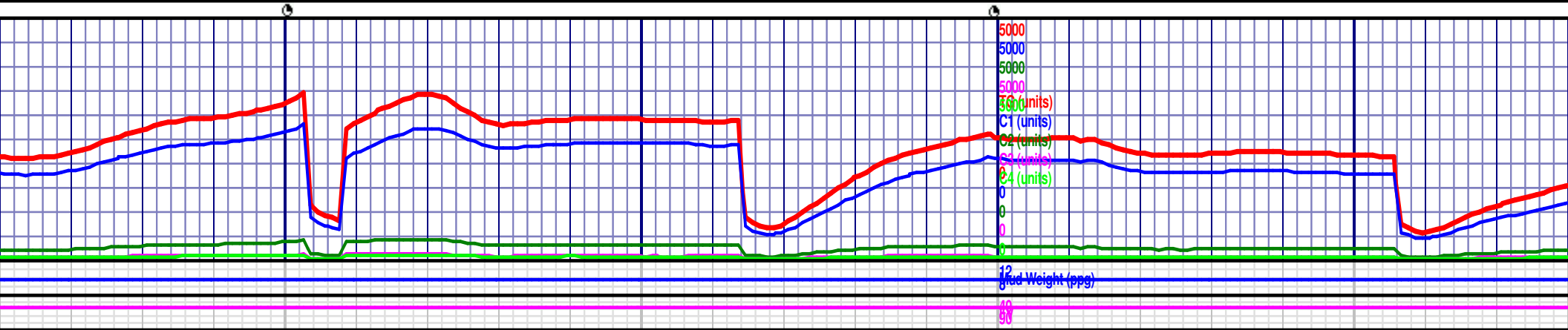
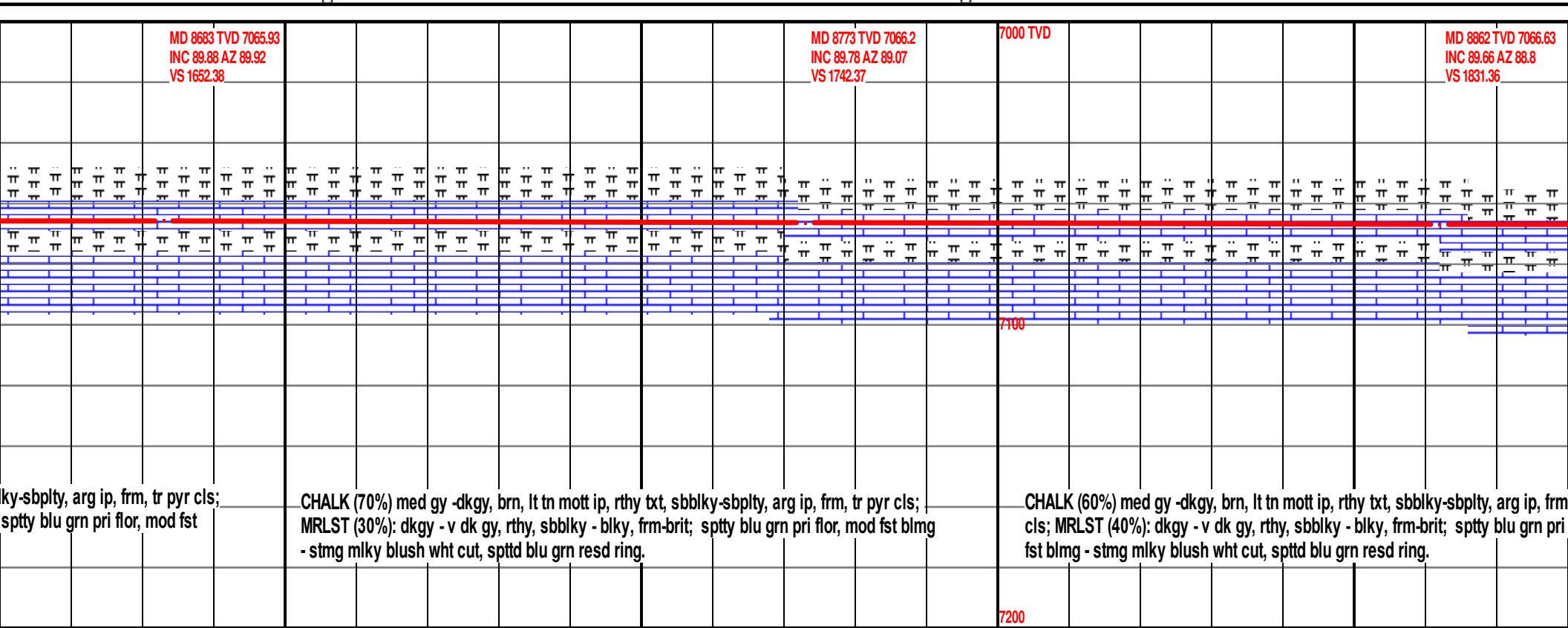


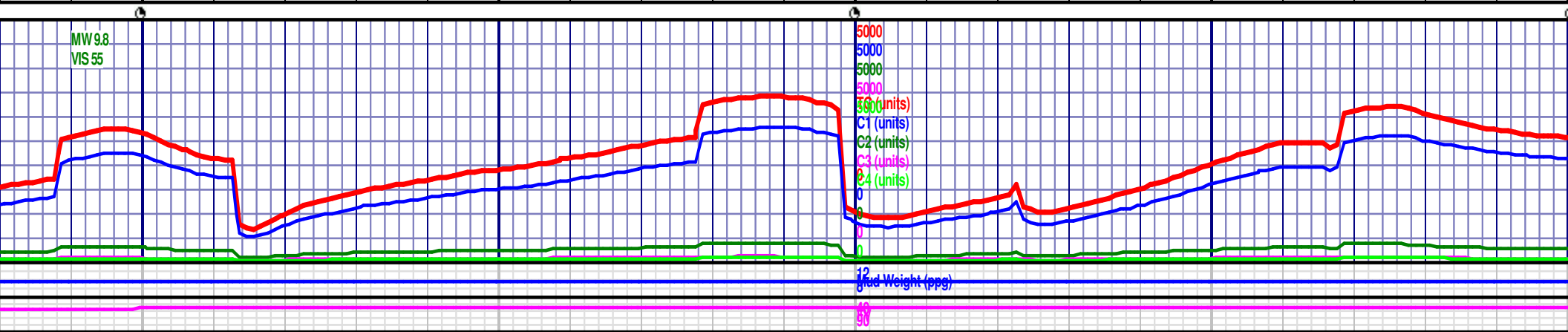
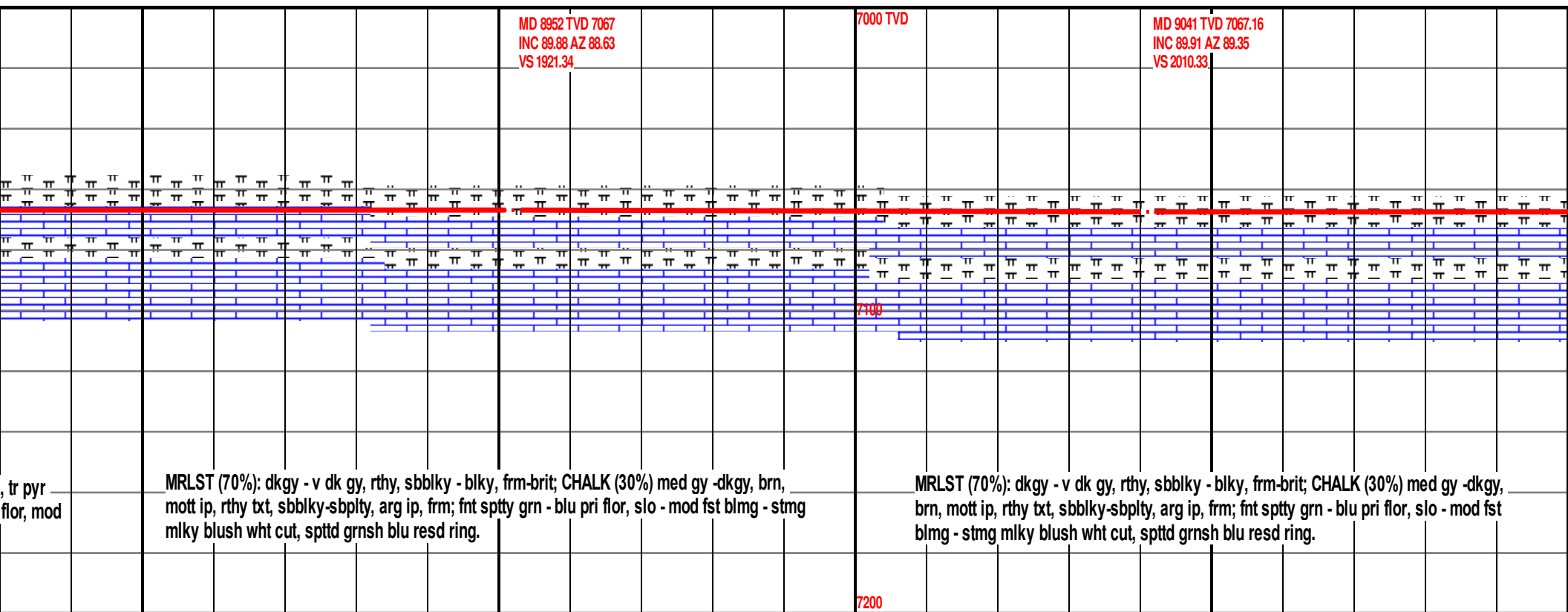


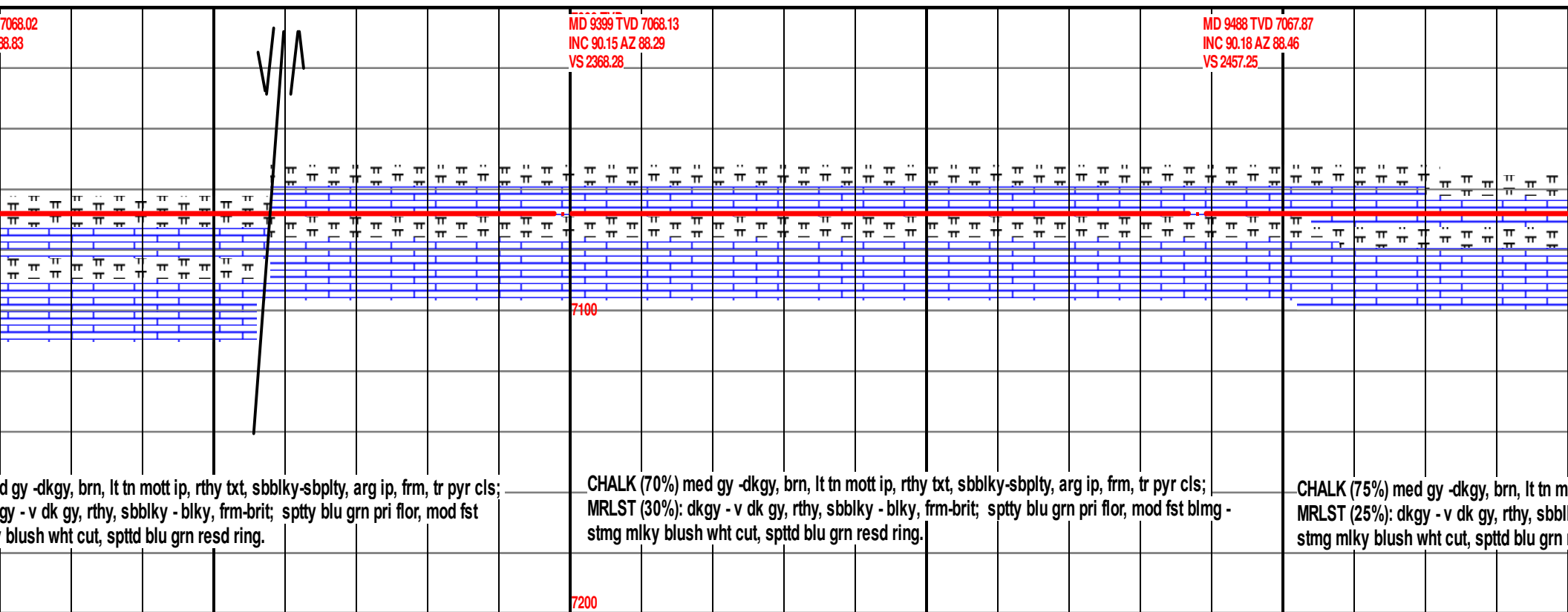


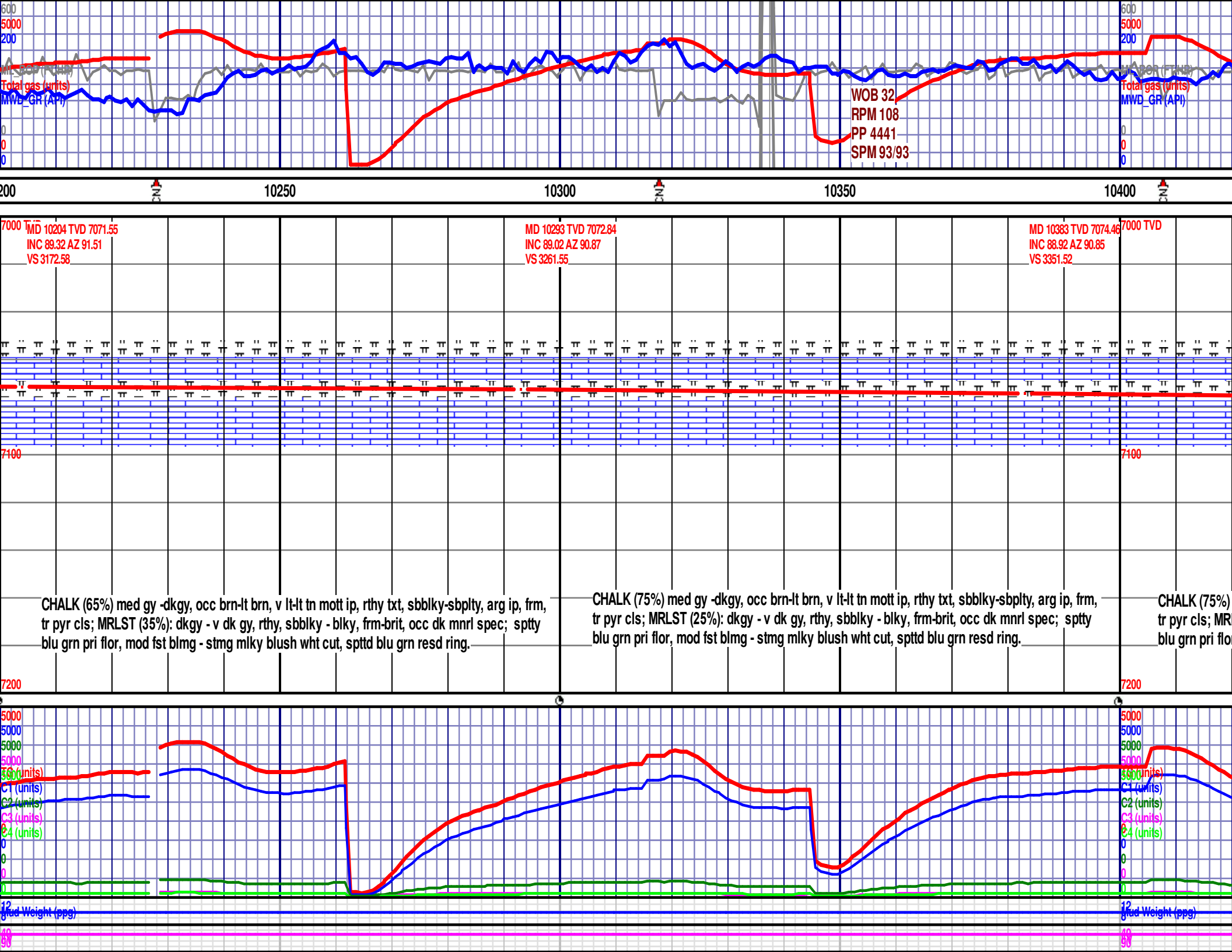


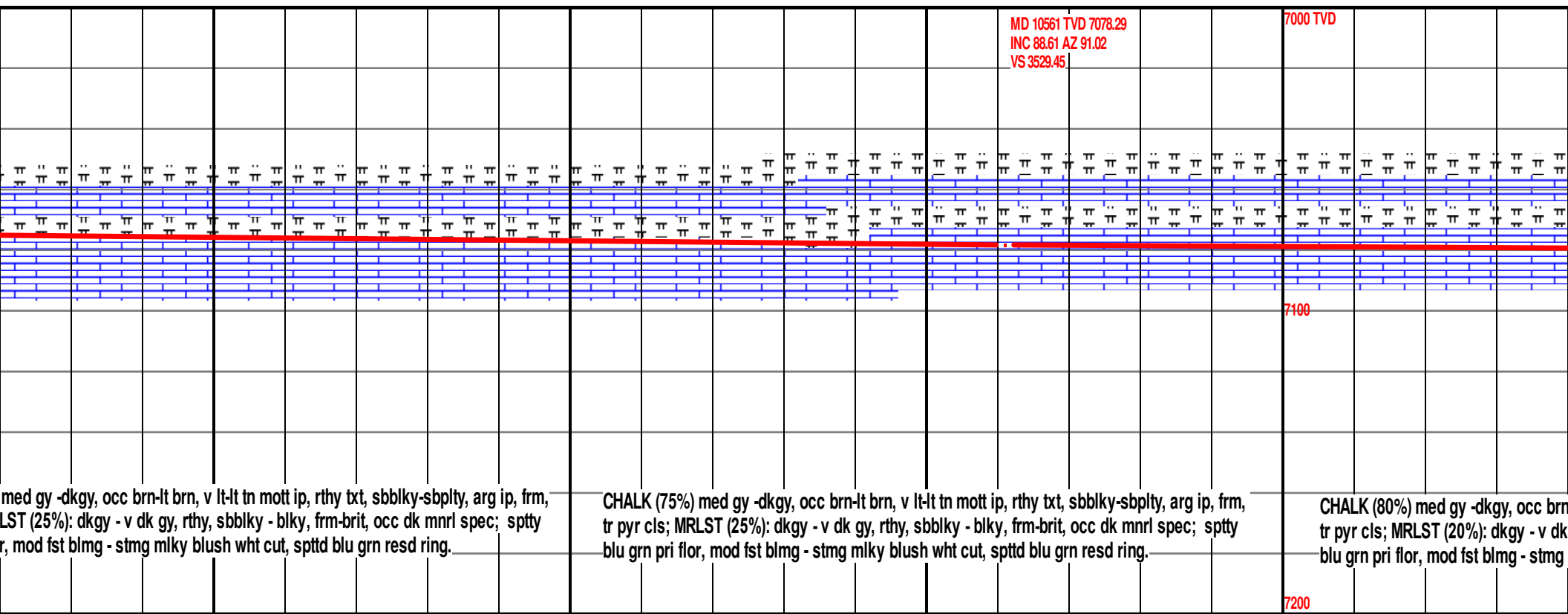


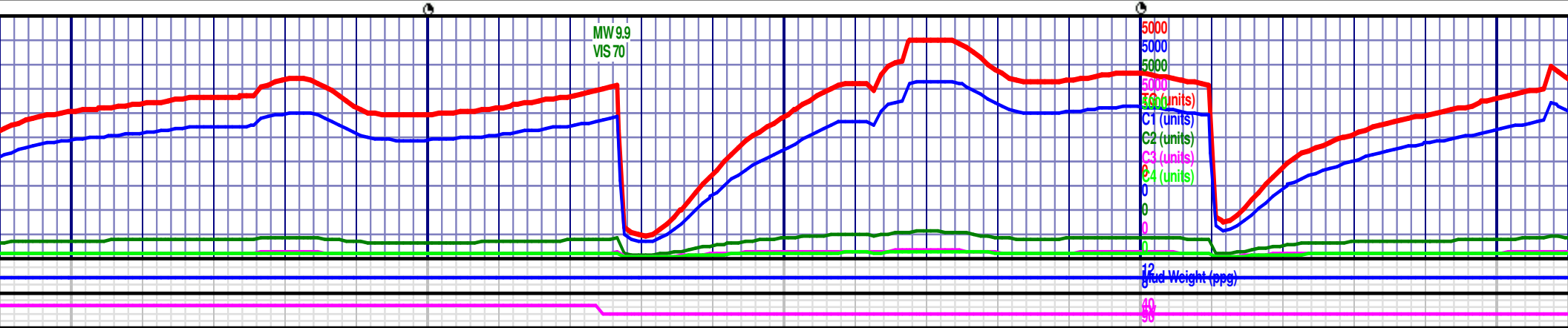
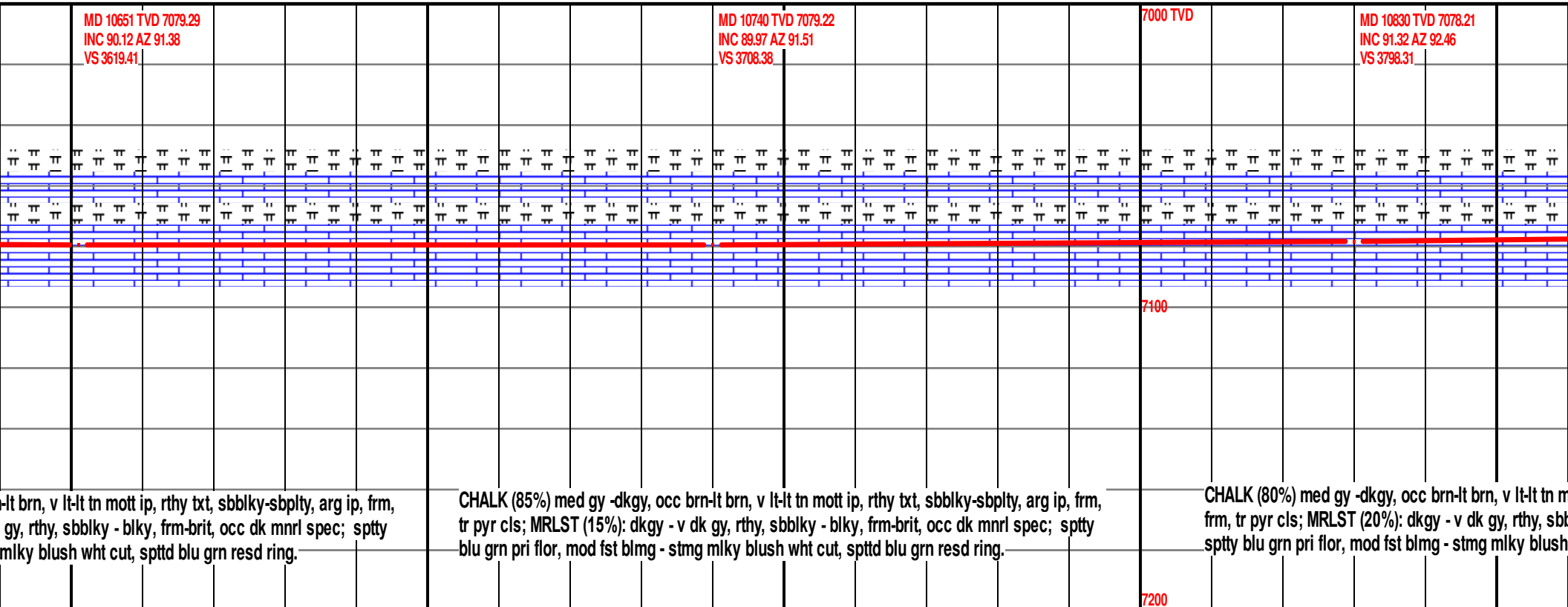
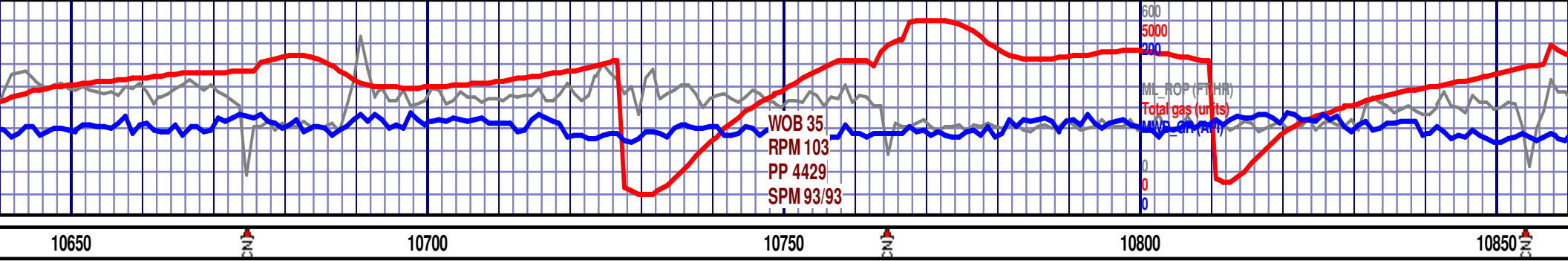


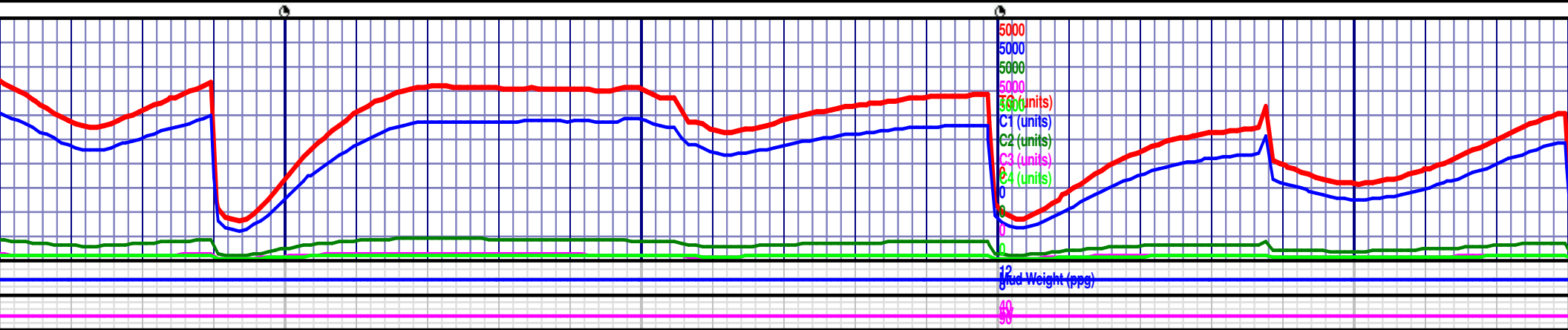
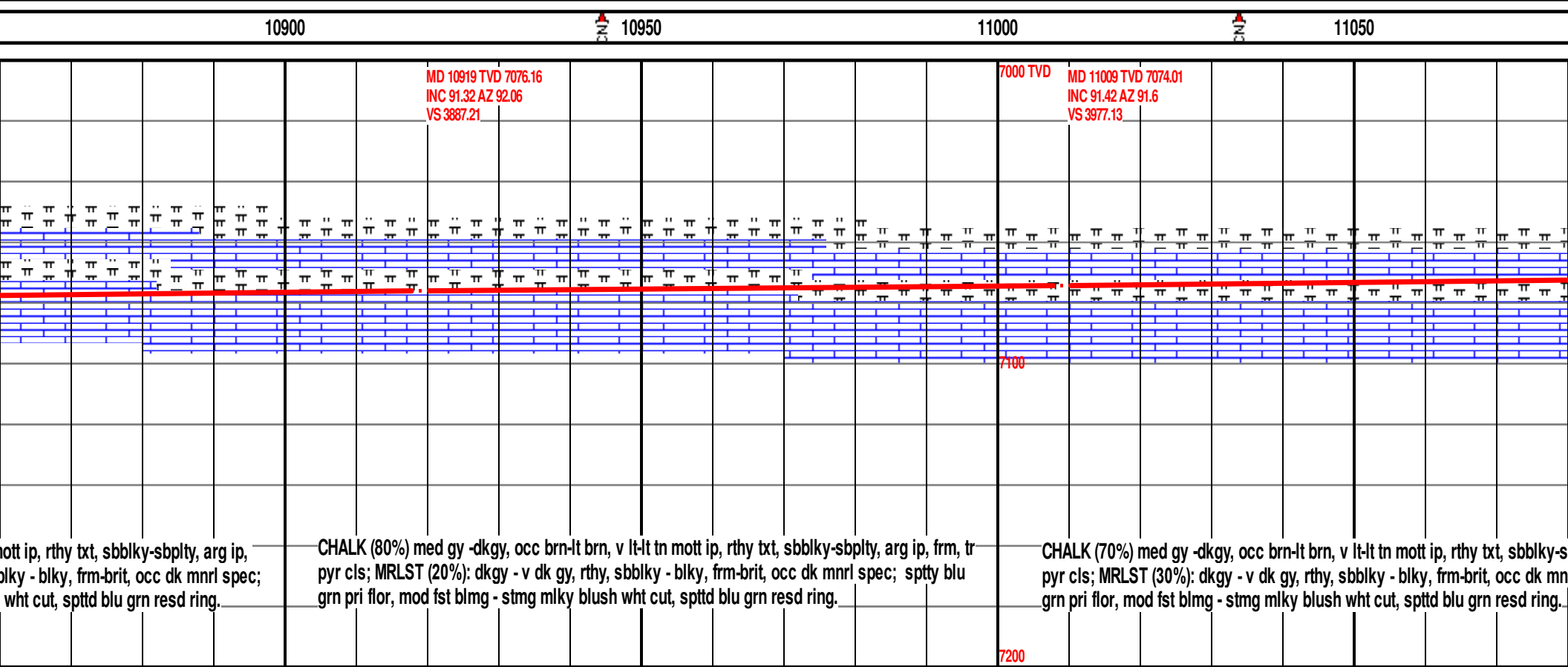
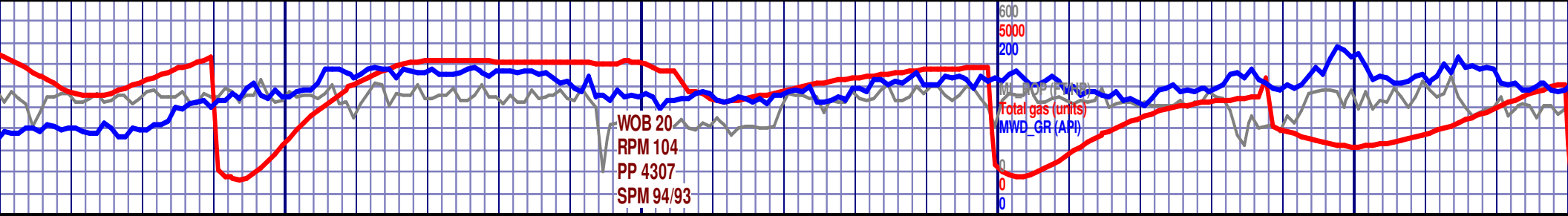


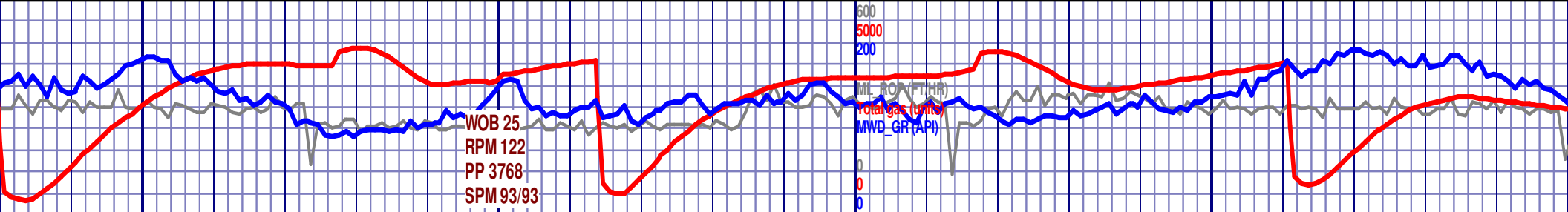












11100

11150

11200

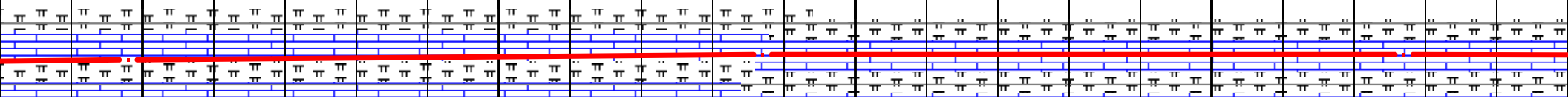
11250

11300

MD 11098 TVD 7071.73
INC 91.51 AZ 91.06
VS 4066.07

MD 11187 TVD 7070.49
INC 90.09 AZ 90.25
VS 4155.05

MD 11277 TVD 7070.54
INC 89.85 AZ 90.02
VS 4245.05

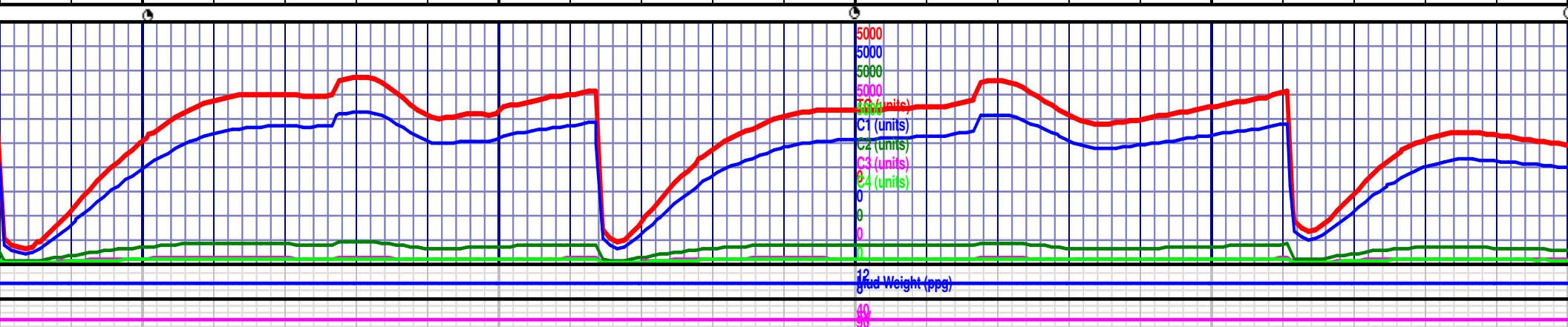


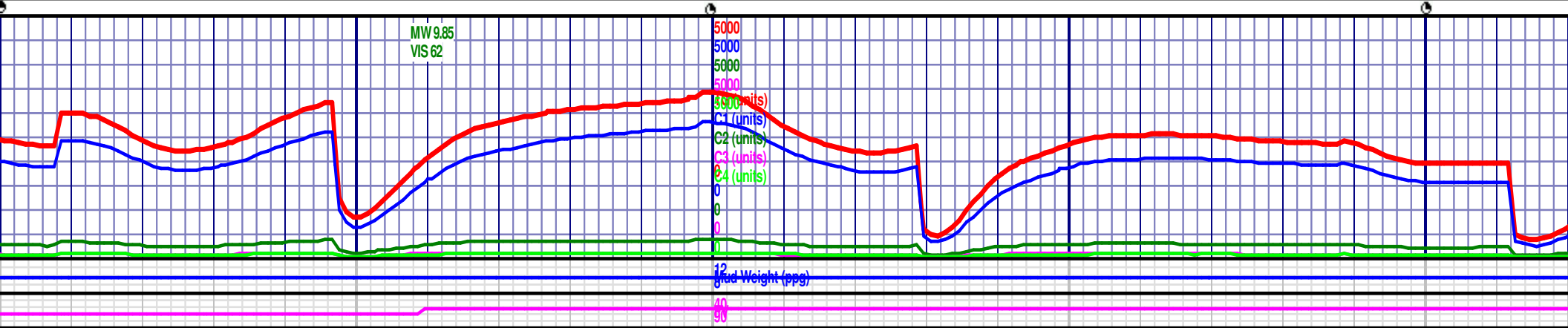
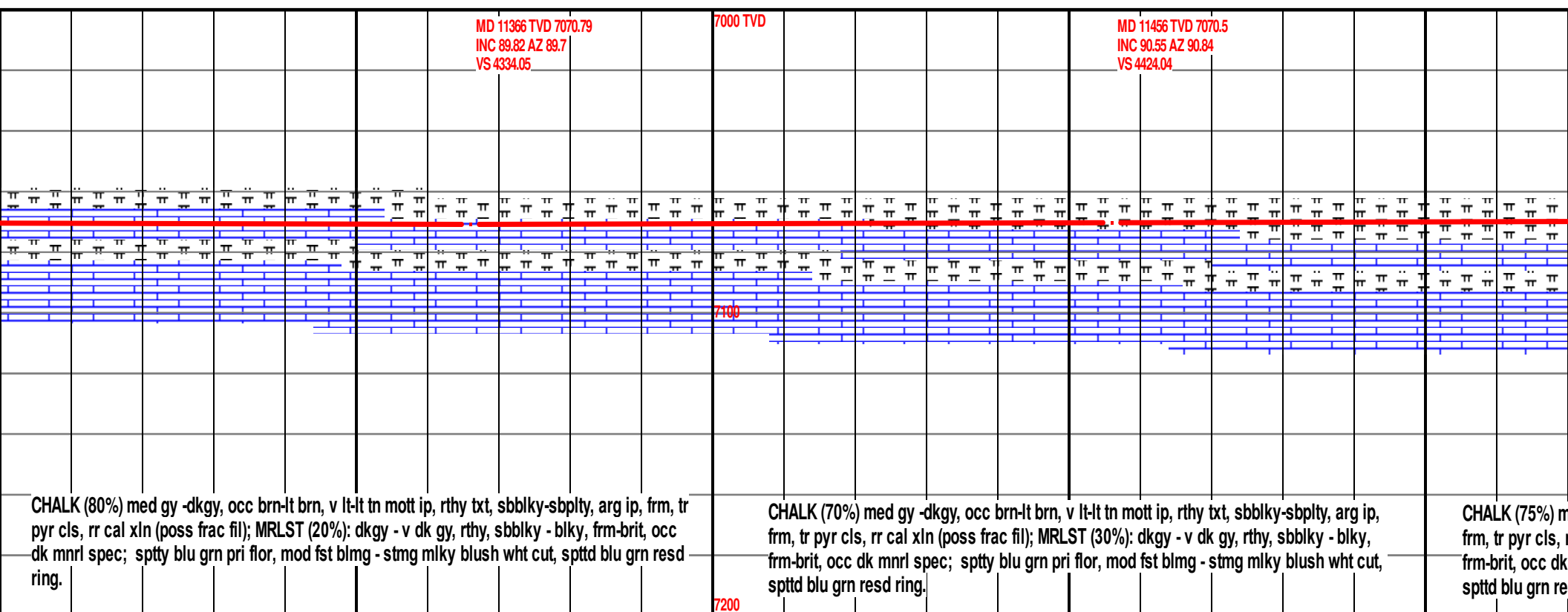
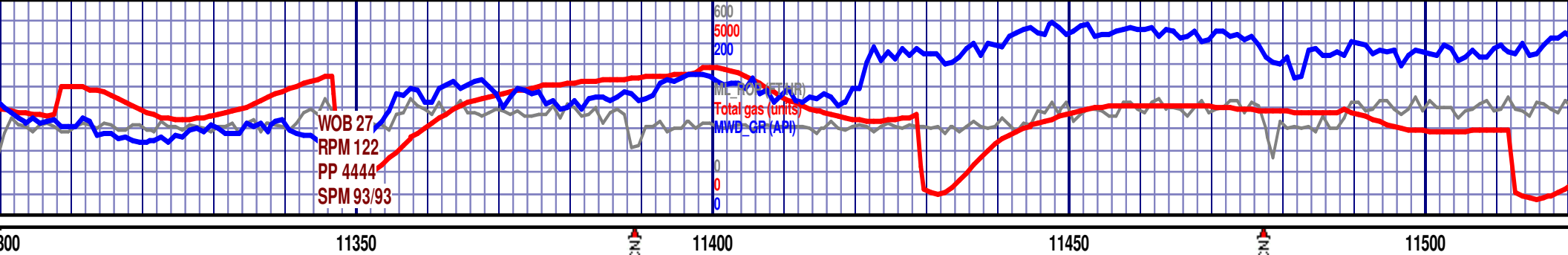
bplty, arg ip, frm, tr
r spec; spty blu

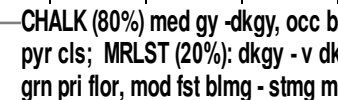
CHALK (80%) med gy -dkgy, occ brn-lt brn, v lt-lt tn mott ip, rthy txt, sbbiky-sbplty, arg ip, frm,
tr pyr cls; MRLST (20%): dkgy - v dk gy, rthy, sbbiky - blkgy, frm-brit, occ dk mnrl spec; spty
blu grn pri flor, mod fst blmg - stmg milky blush wht cut, spttd blu grn resd ring.

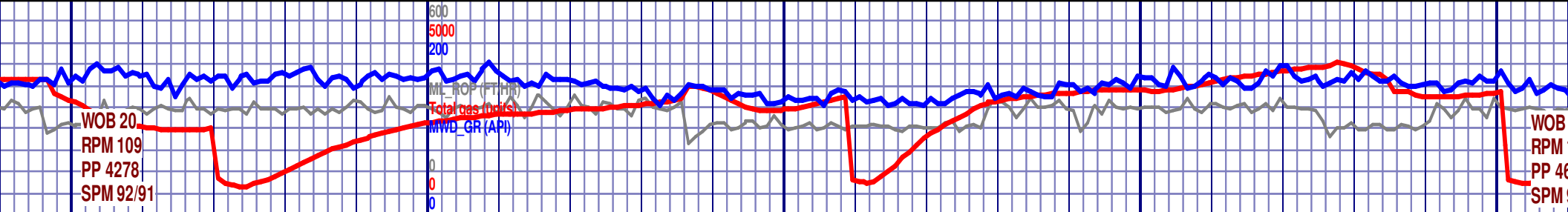
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frm, tr pyr cls; MRLST (25%): dkgy - v dk gy, rthy, sbbiky - blkgy, frm-brit, occ dk mnrl spec;
spty blu grn pri flor, mod fst blmg - stmg milky blush wht cut, spttd blu grn resd ring.

7200

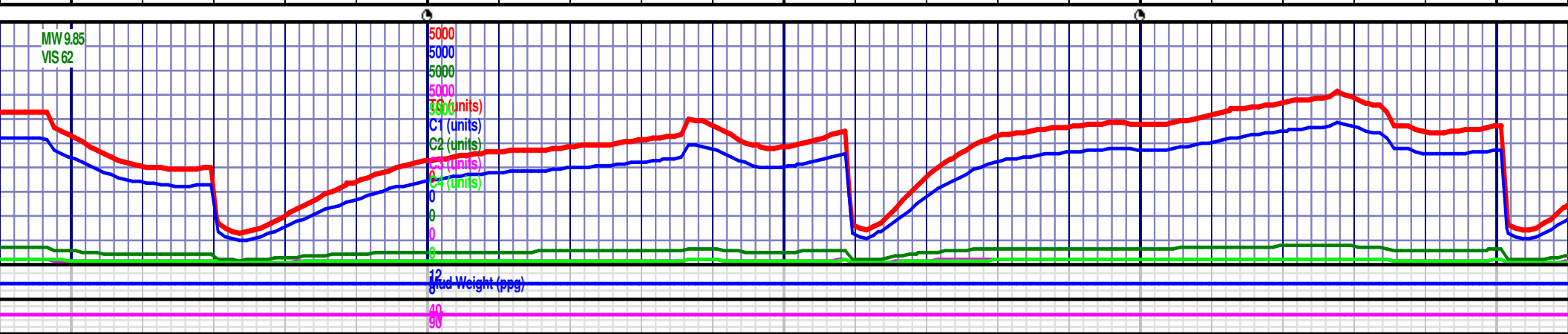
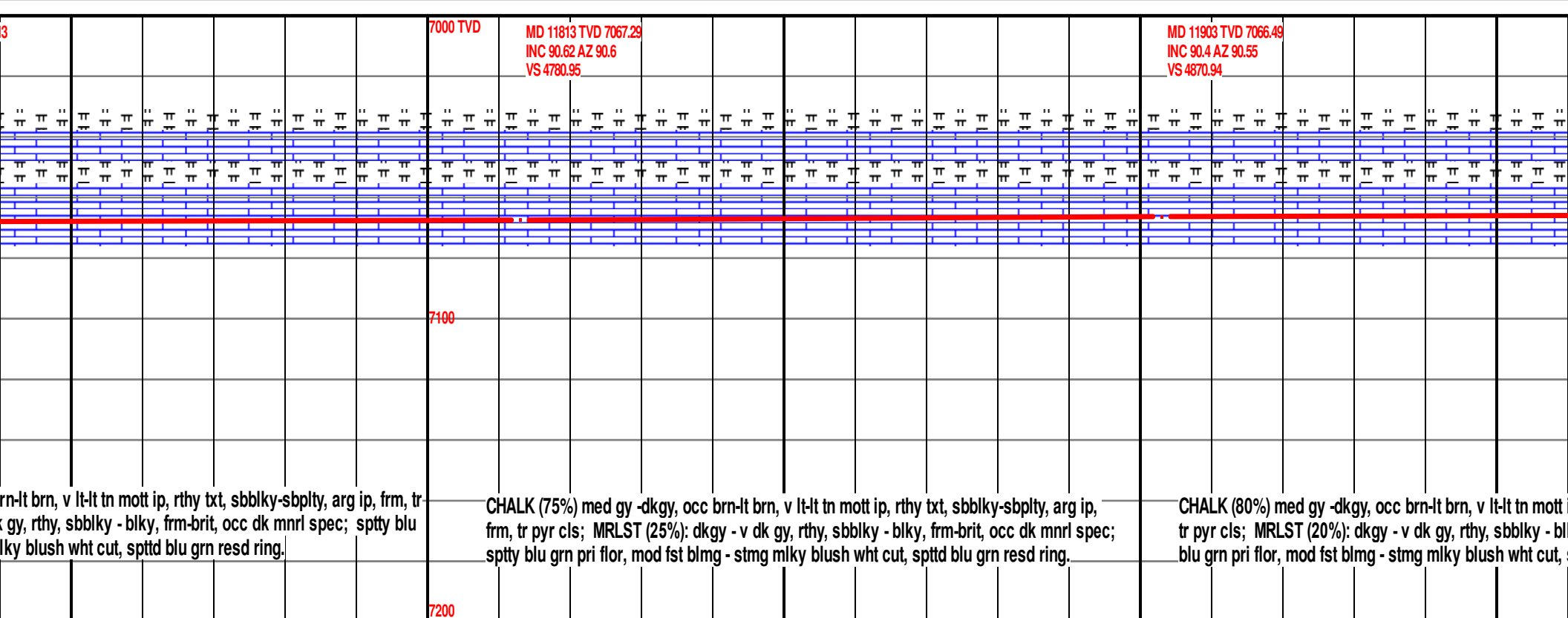


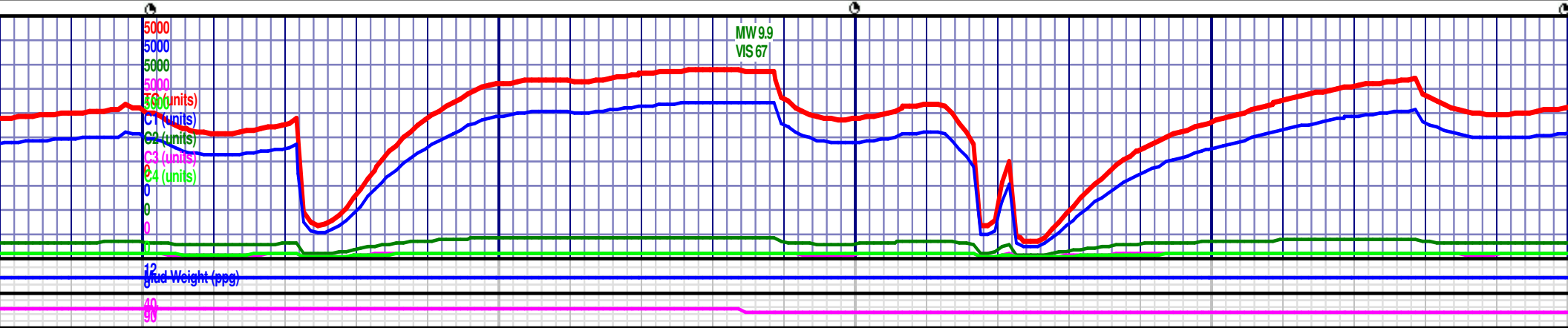
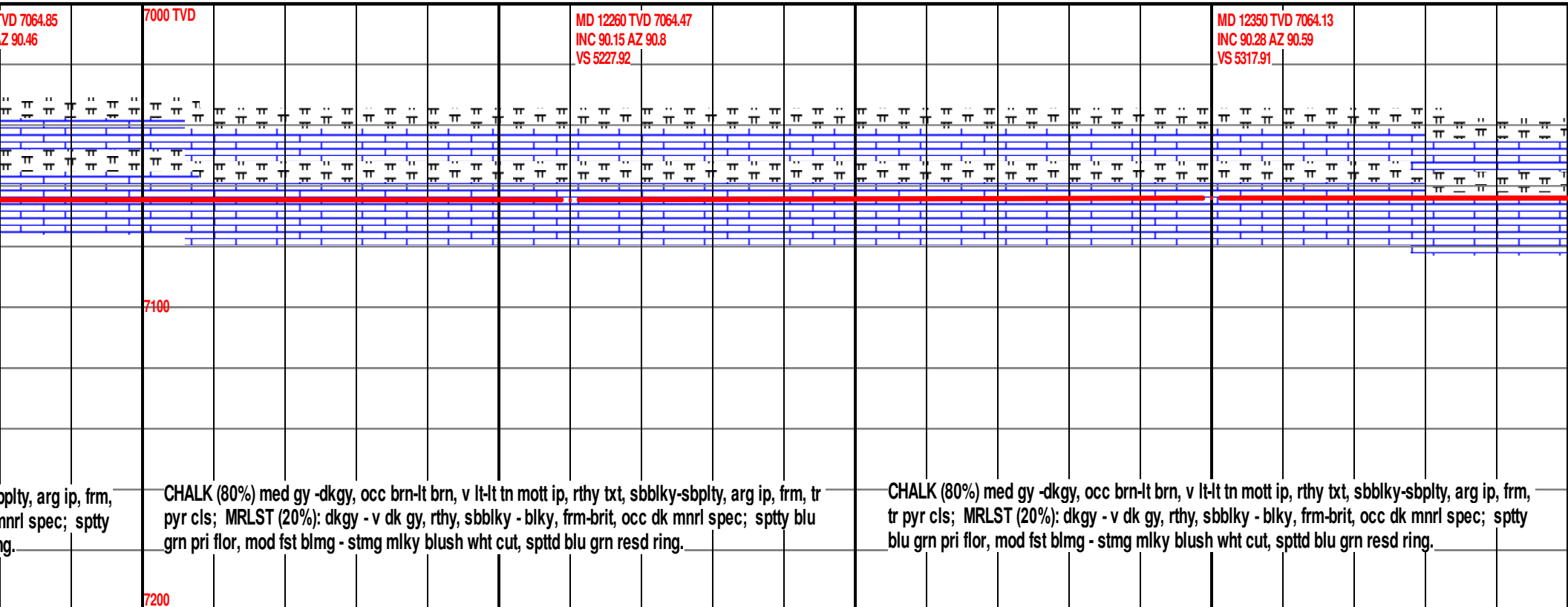
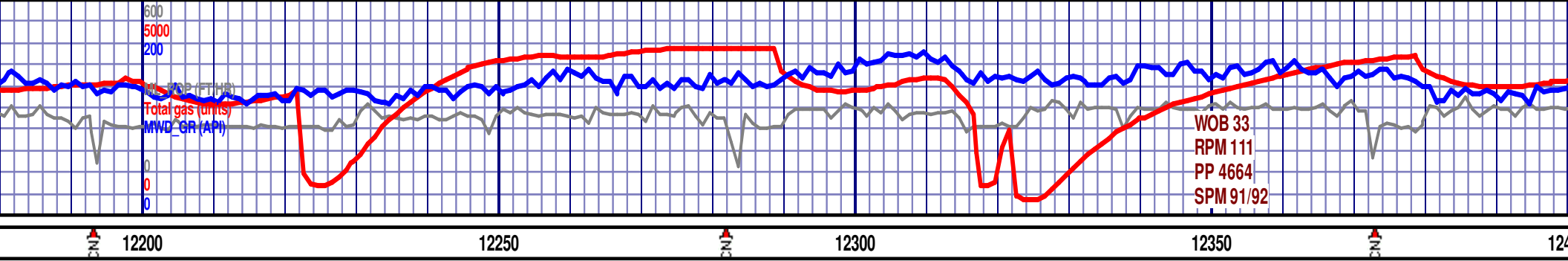


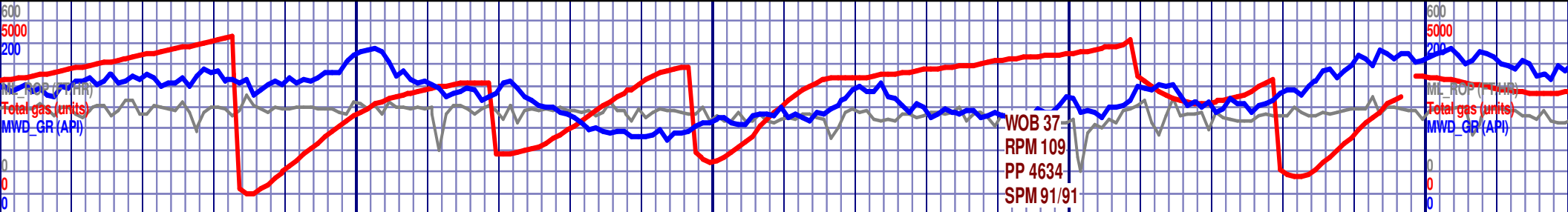




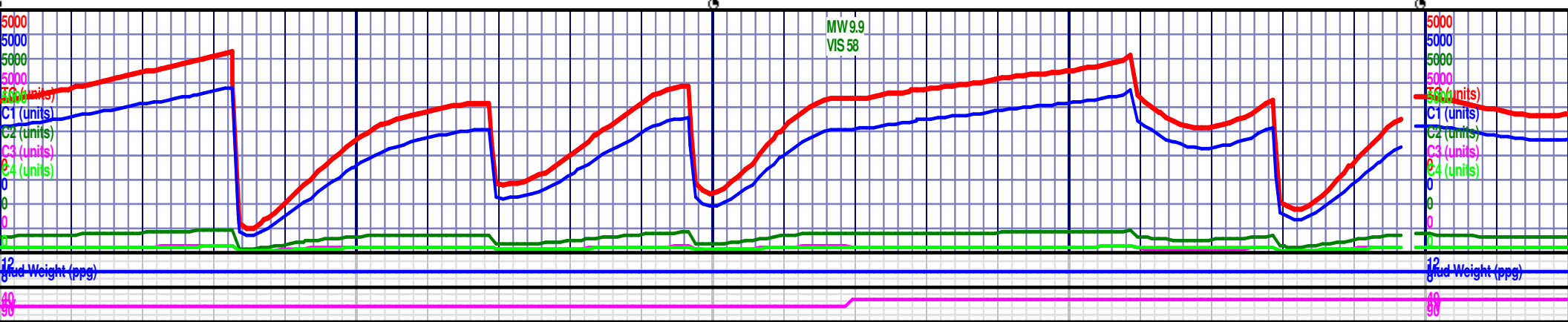
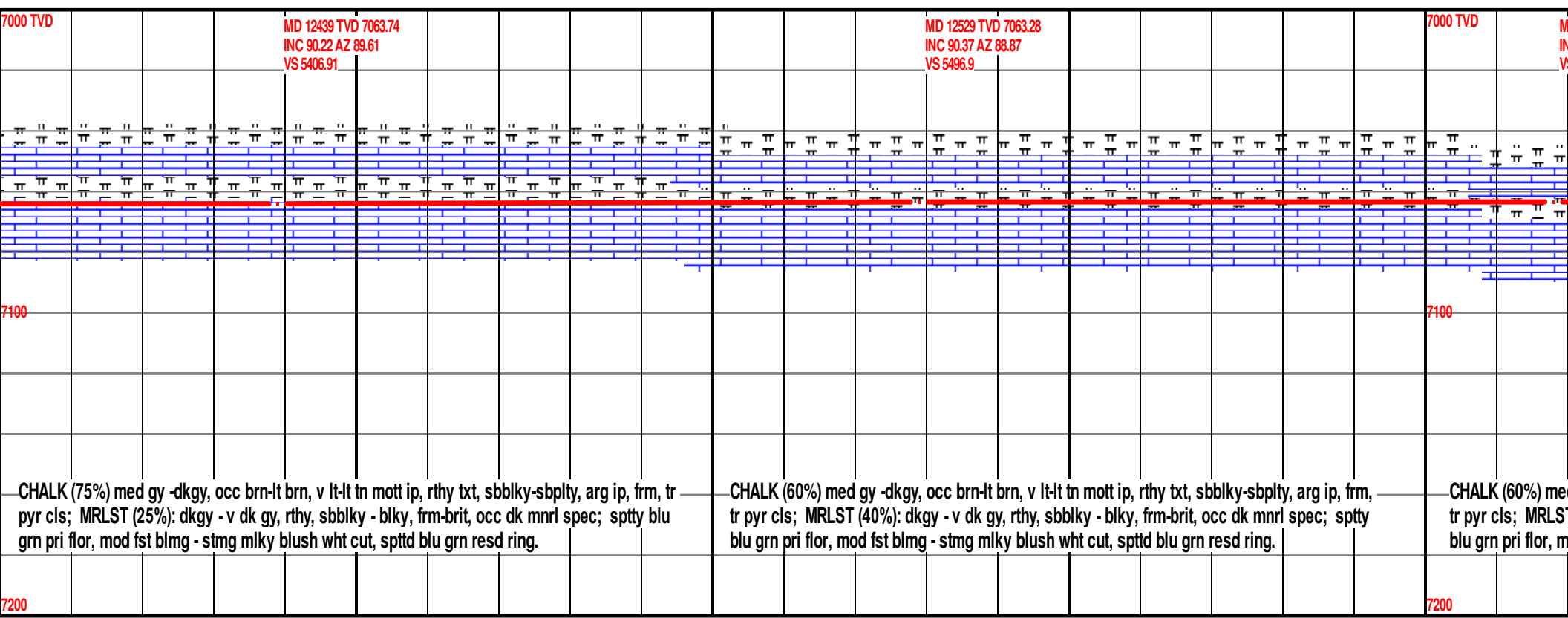
11750 11800 11850 11900 11950

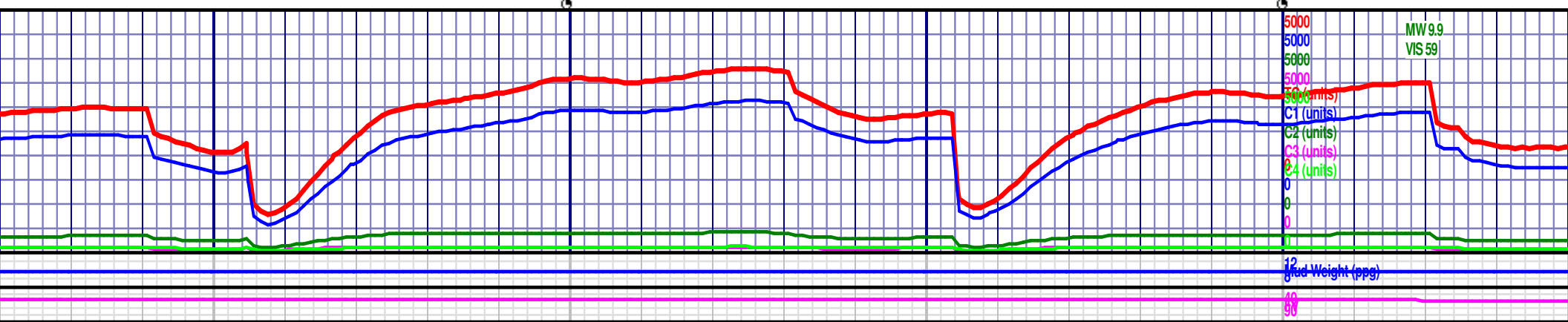
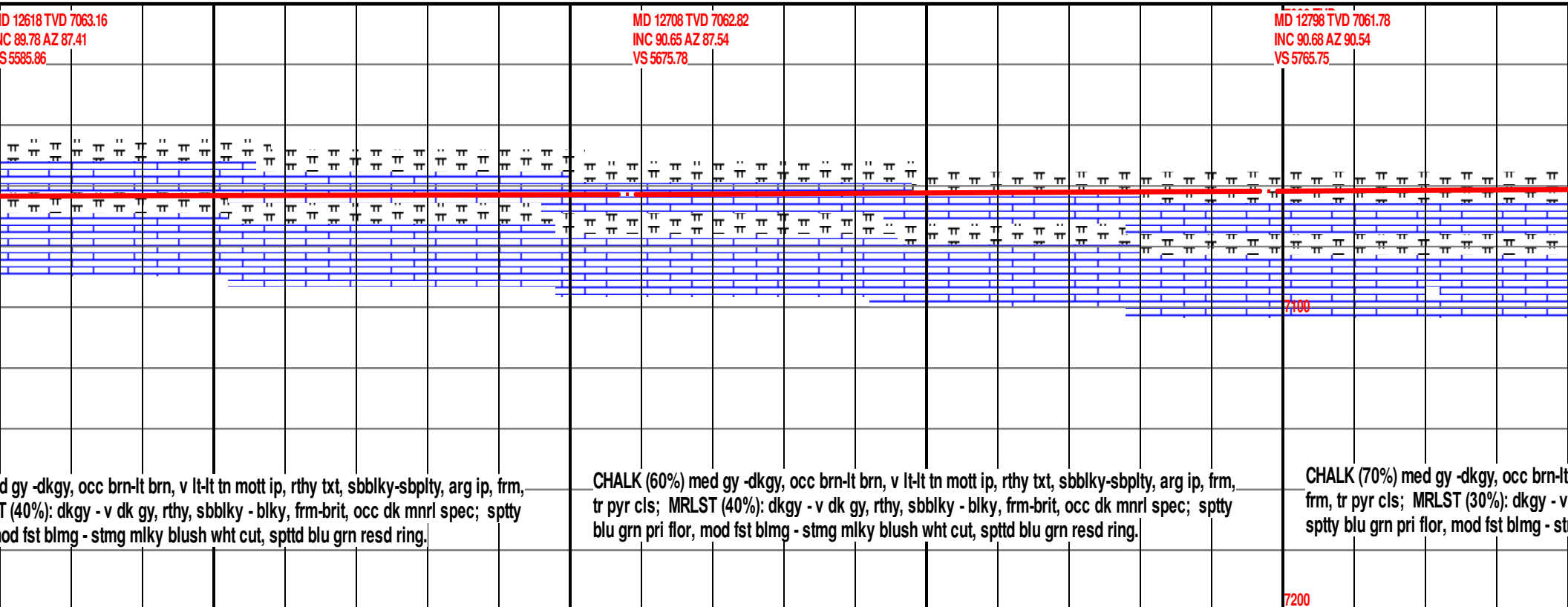
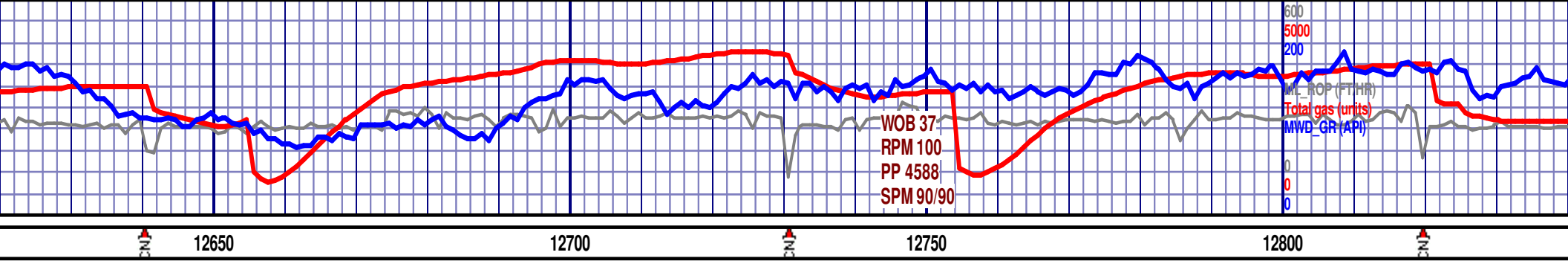


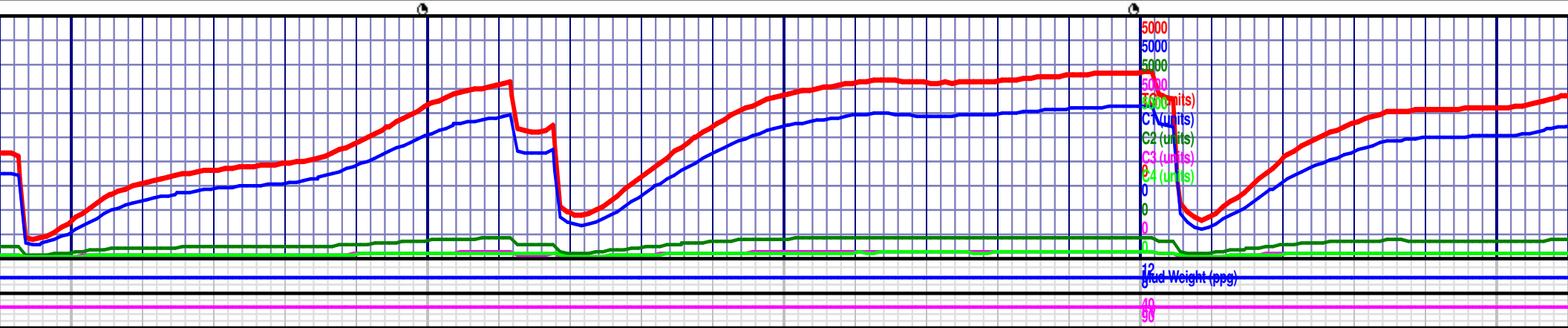
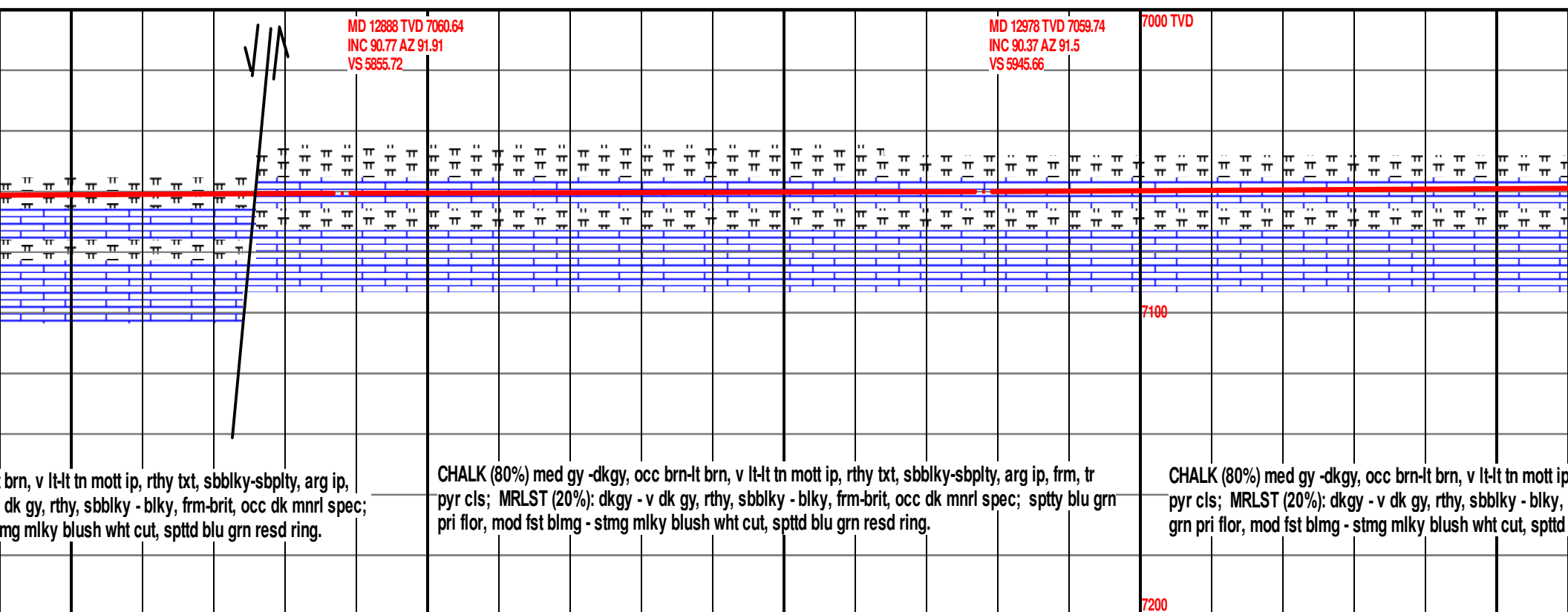
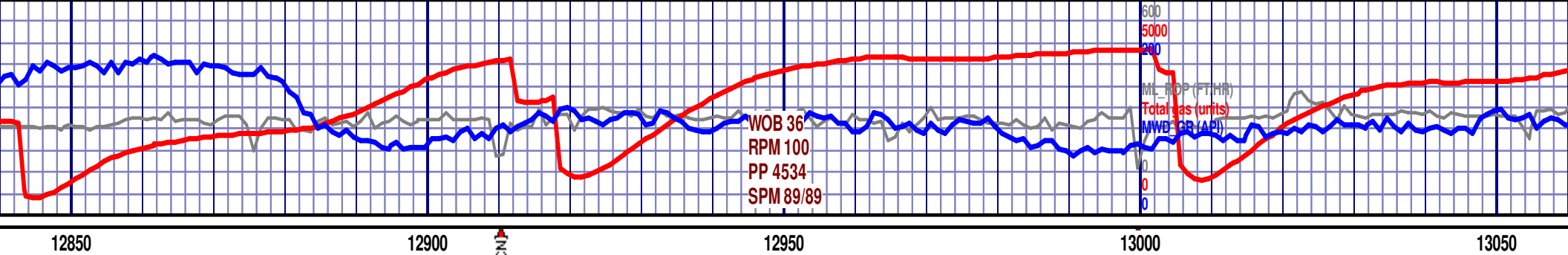


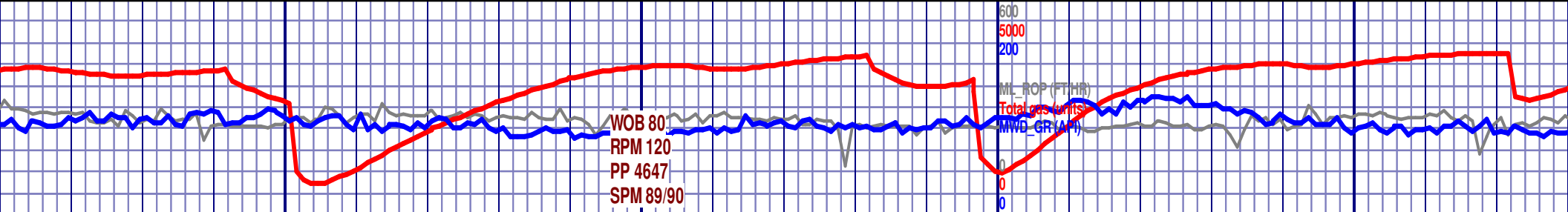


12400 12450 12500 12550 12600

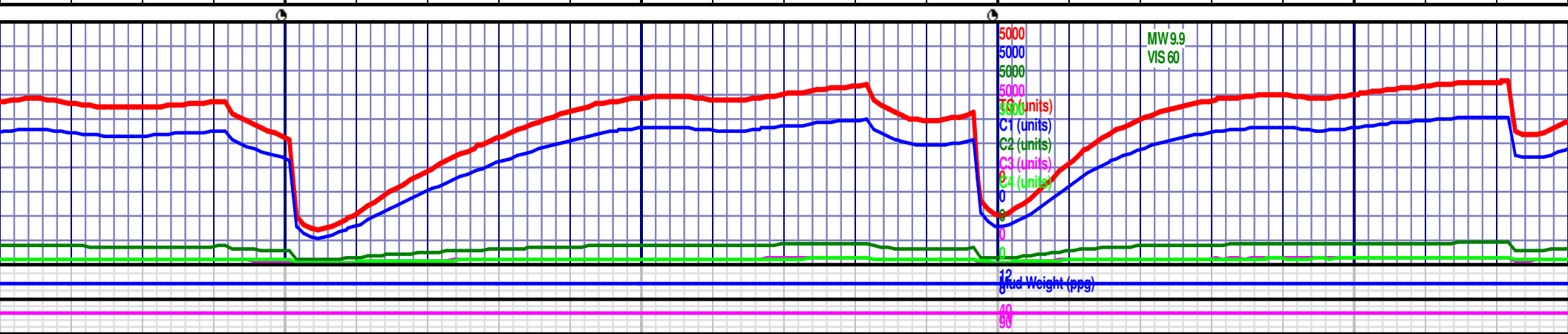
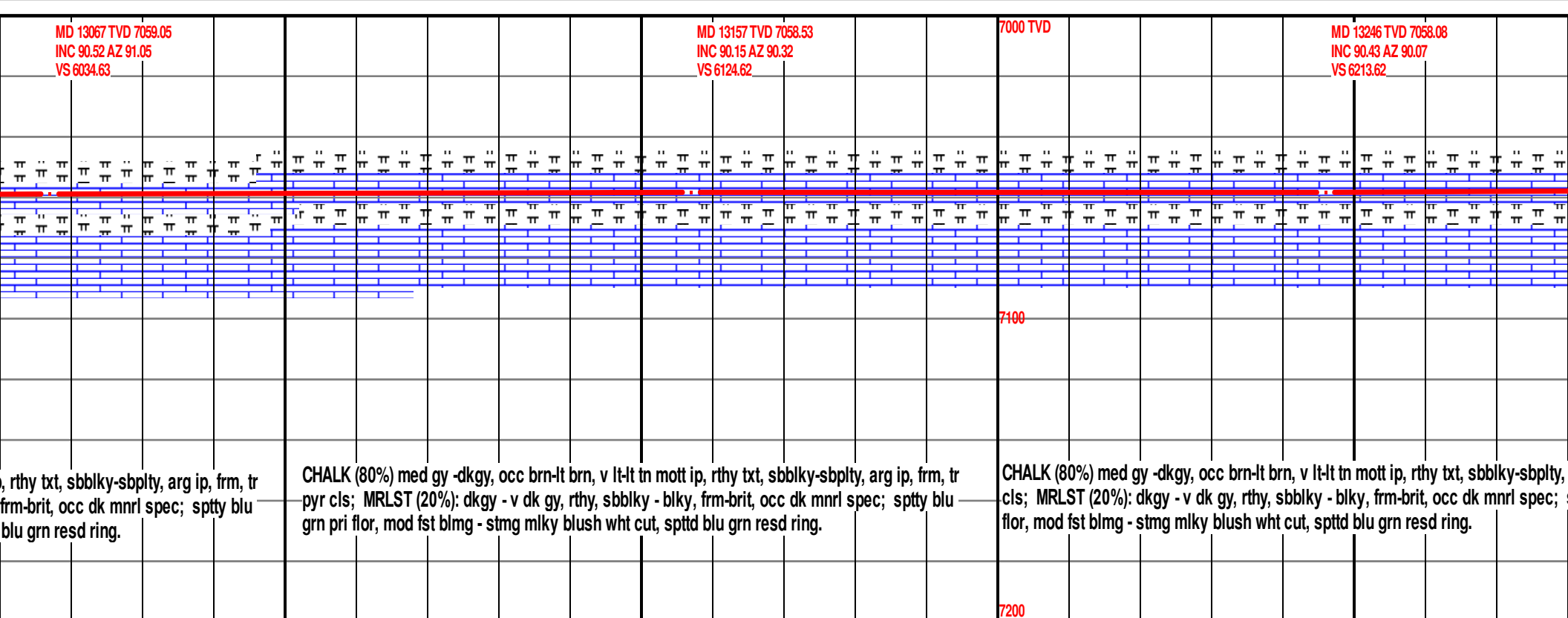


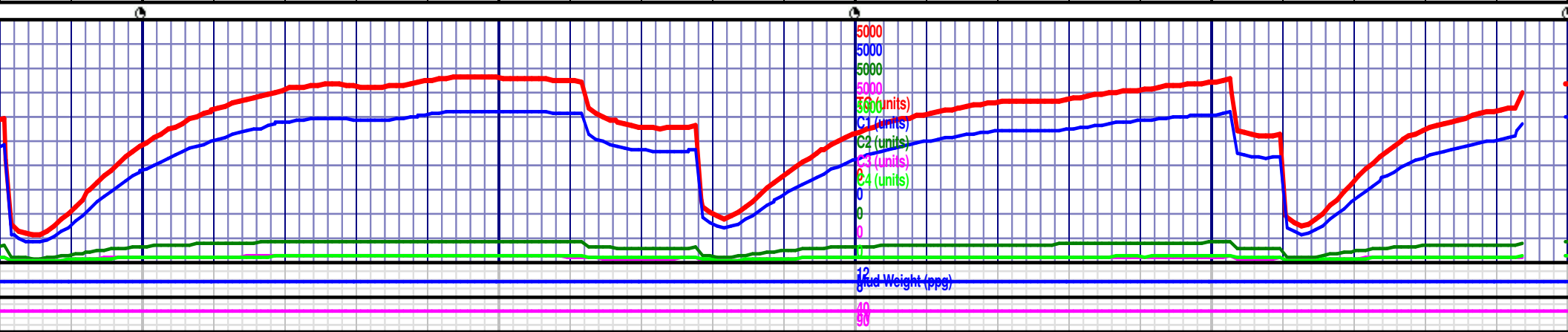
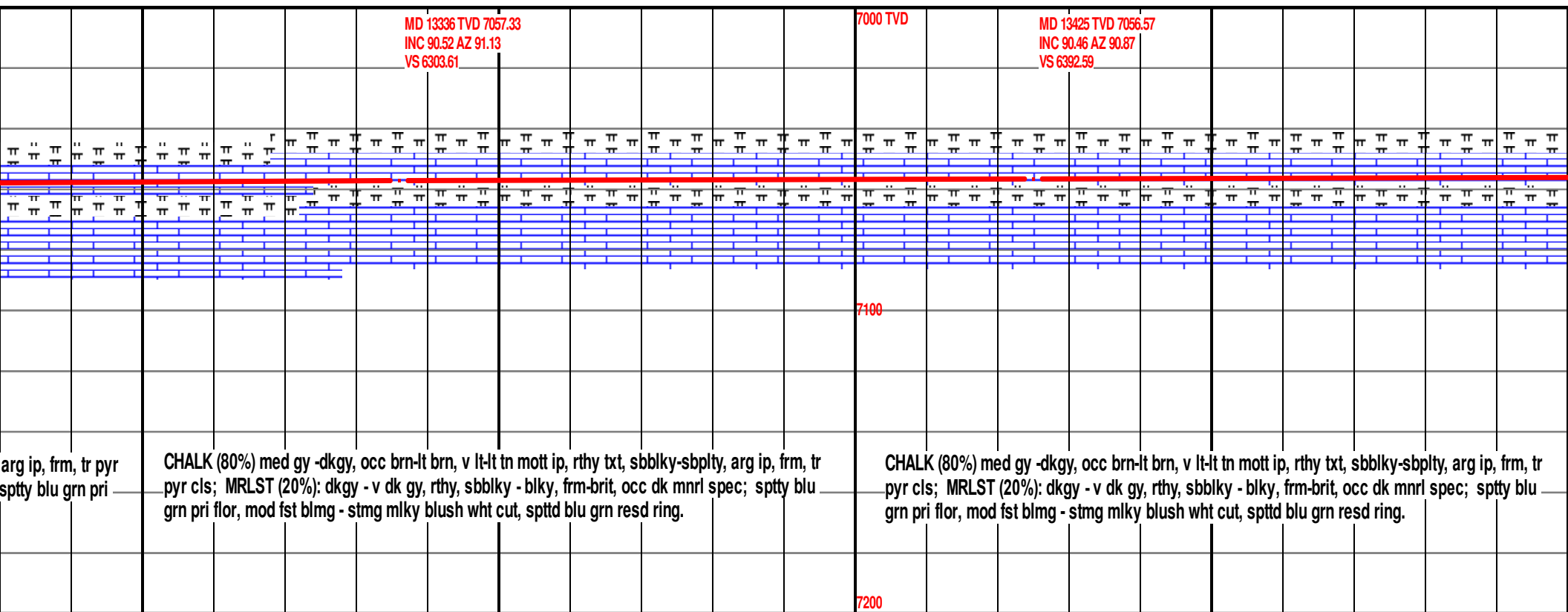


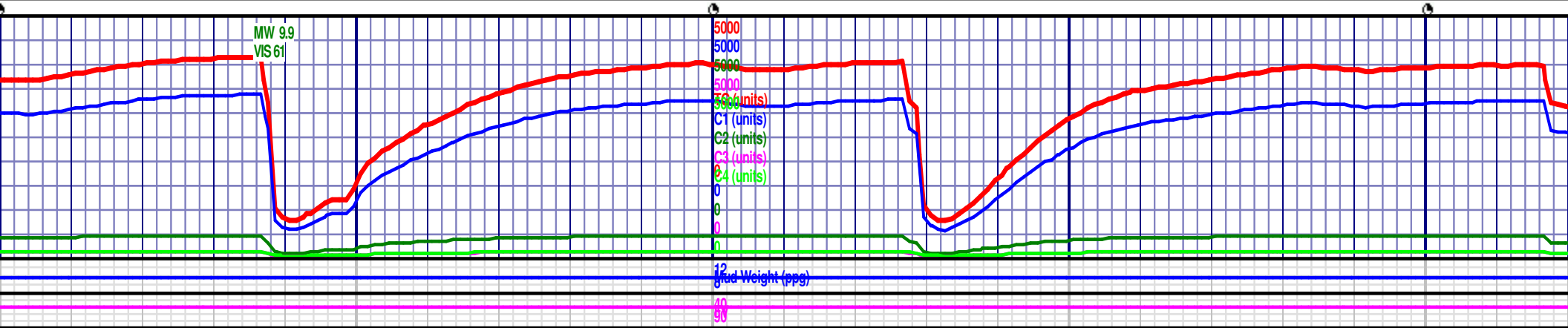
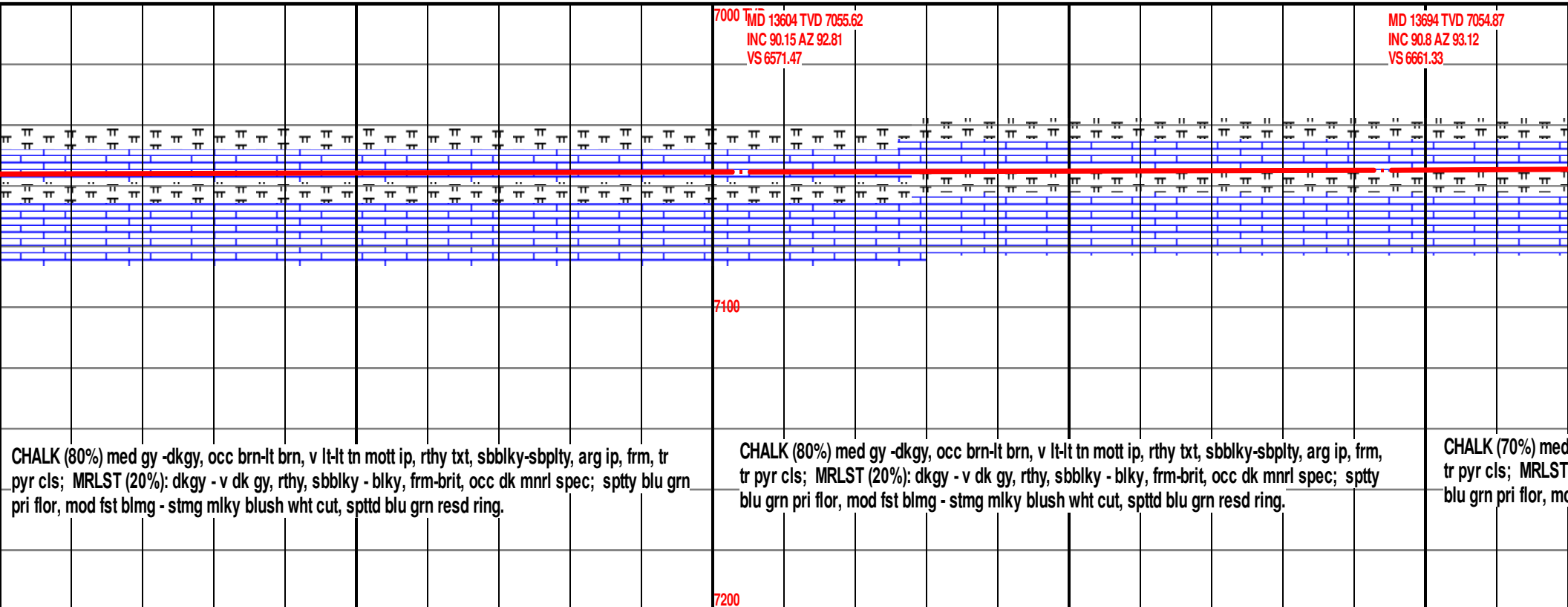
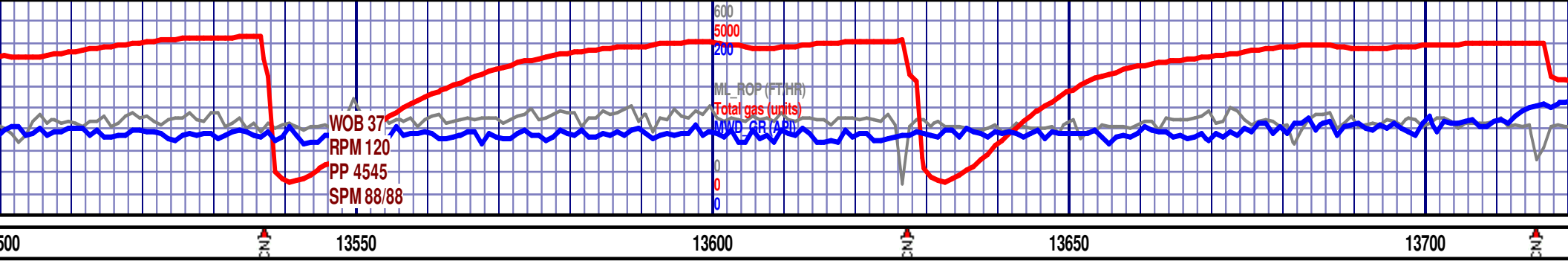


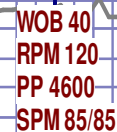


13100 13150 13200 13250





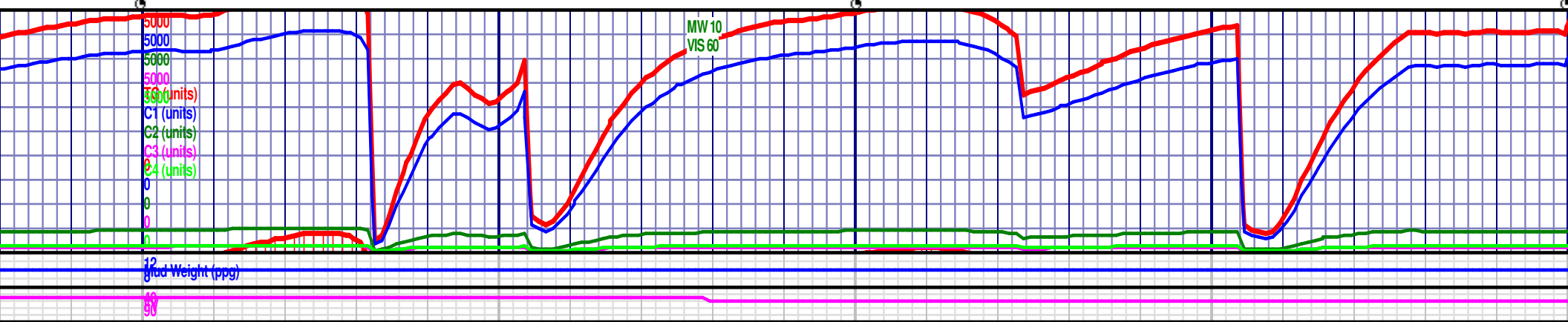
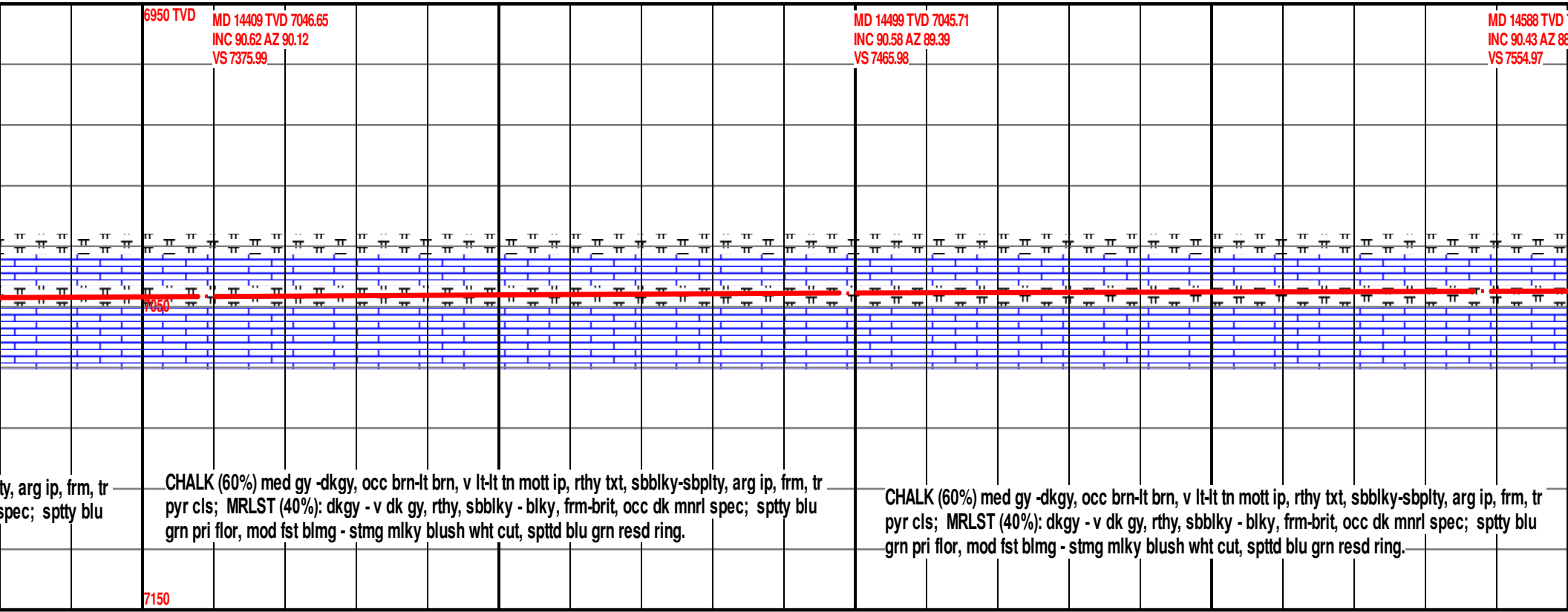
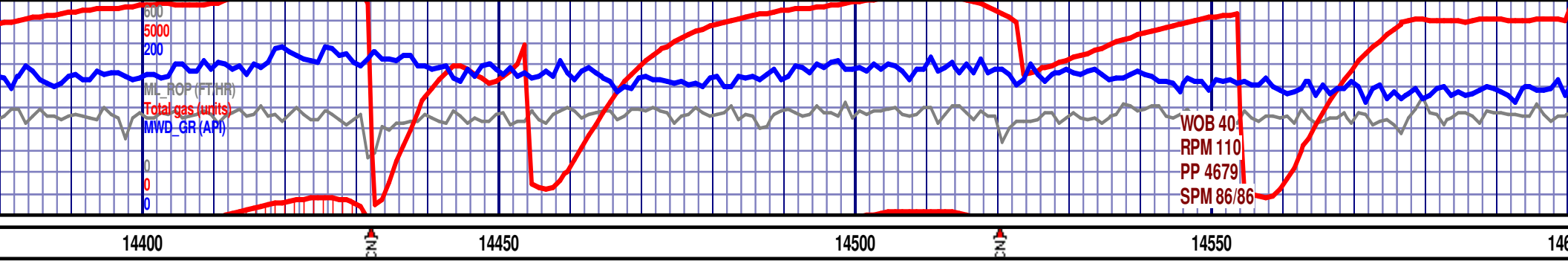


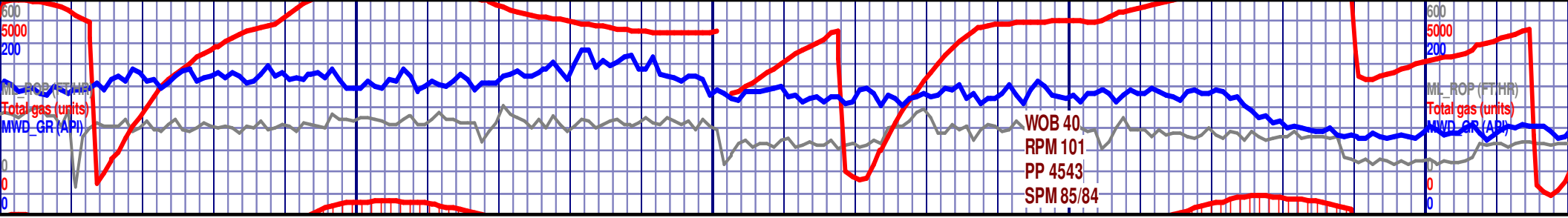


MD 14141 TVD 7049.76
INC 90.65 AZ 91.09
VS 7108.06

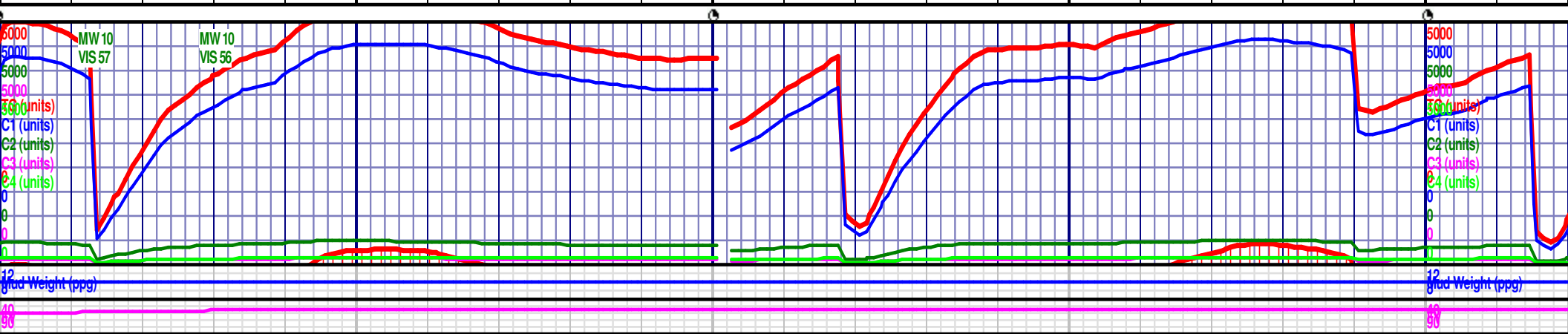
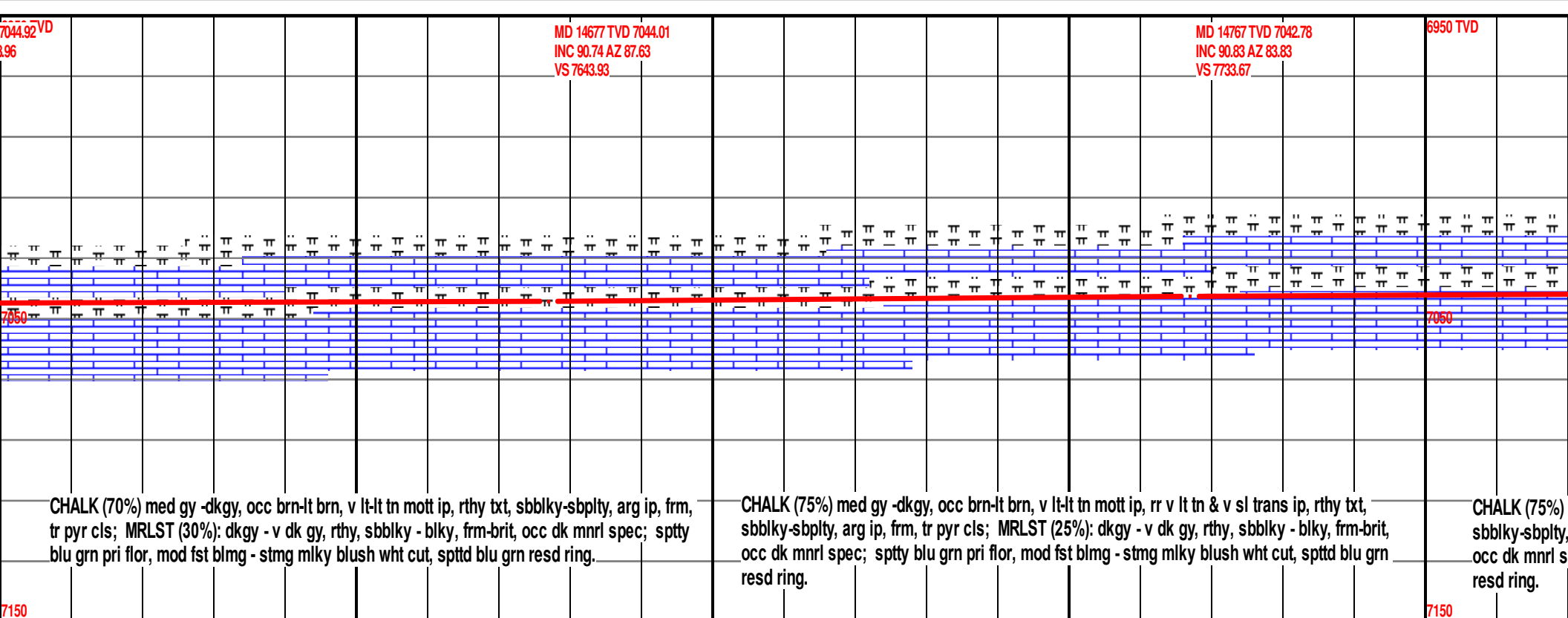
CHALK (65%) med gy -dkgy, occ brn-lt brn, v lt-lt tn mott ip, rth
cls; MRLST (35%): dkgy - v dk gy, rthy, sbblky - blky, frm-brn
flor, mod fst blmg - stmg milky blush wht cut, spottd blu grn res







600 5000 200 14600 14650 14700 14750 14800





ML_ROP (FT/HR)
Total gas (units)
MWD_GR (API)

6950 TVD

MD 15
INC 90
VS 80

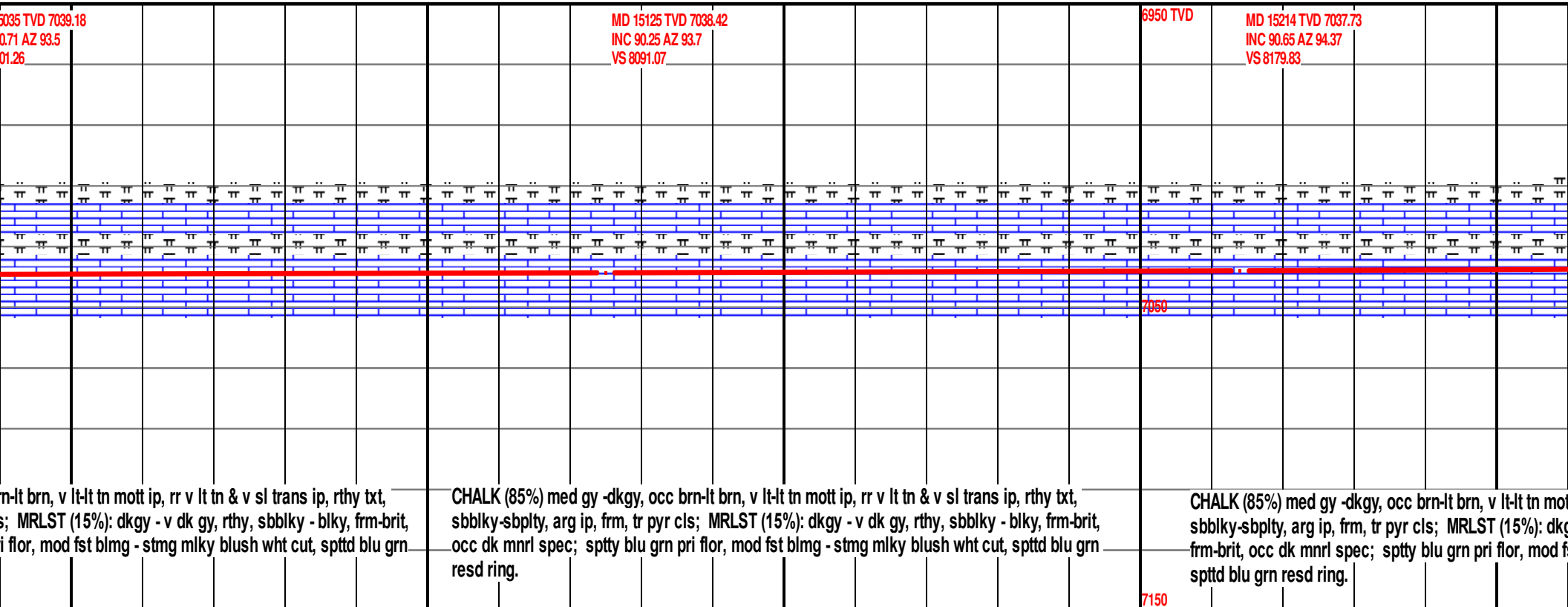


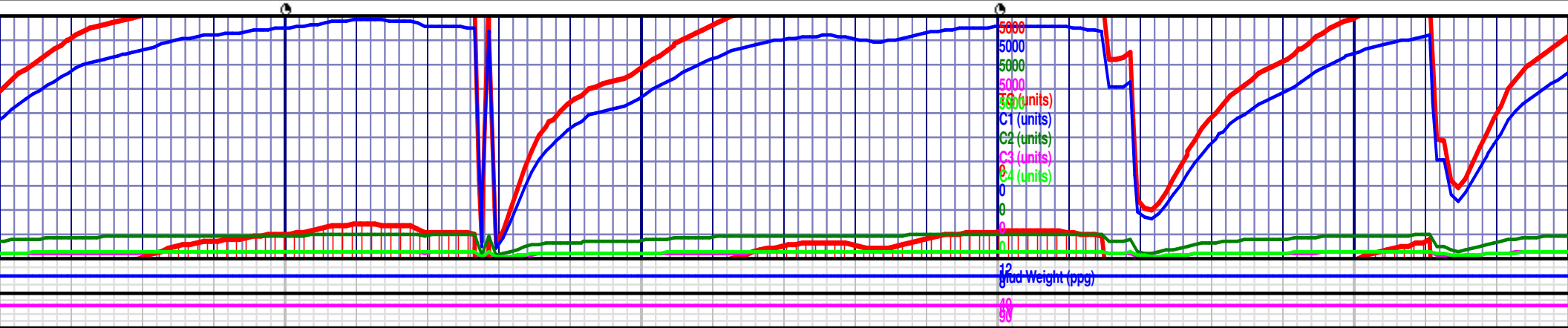
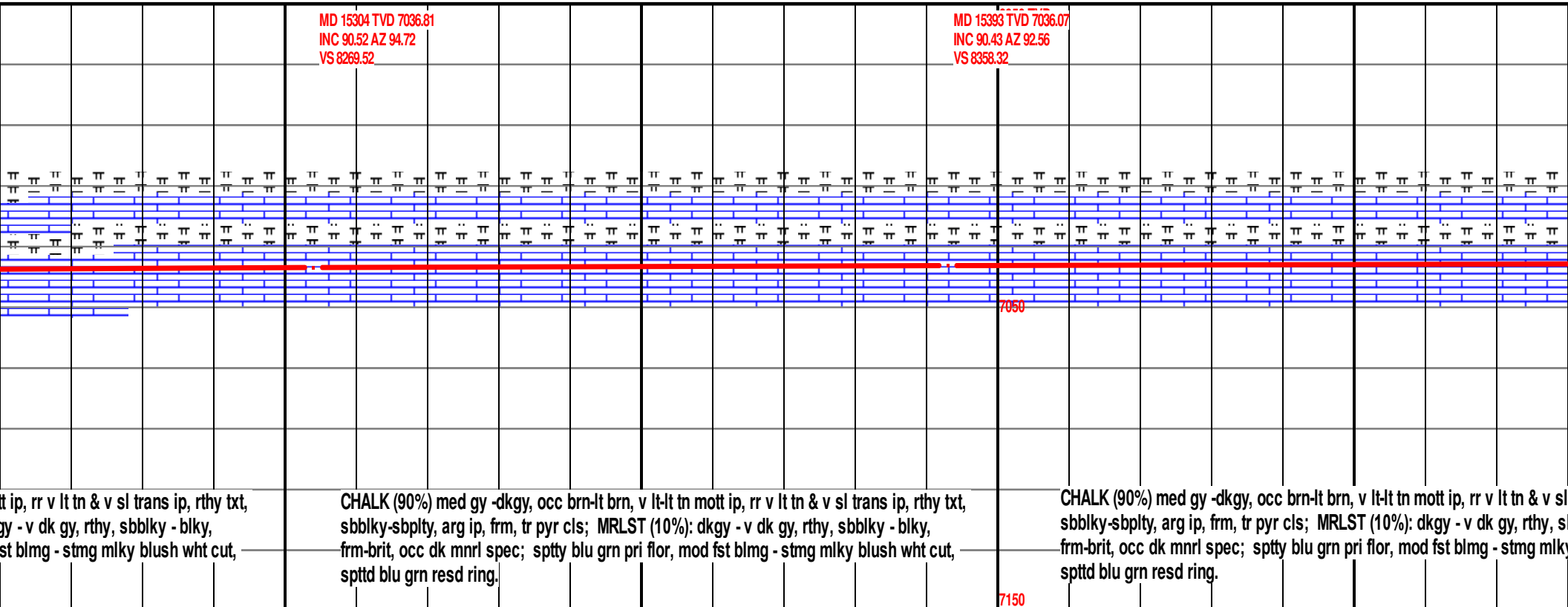
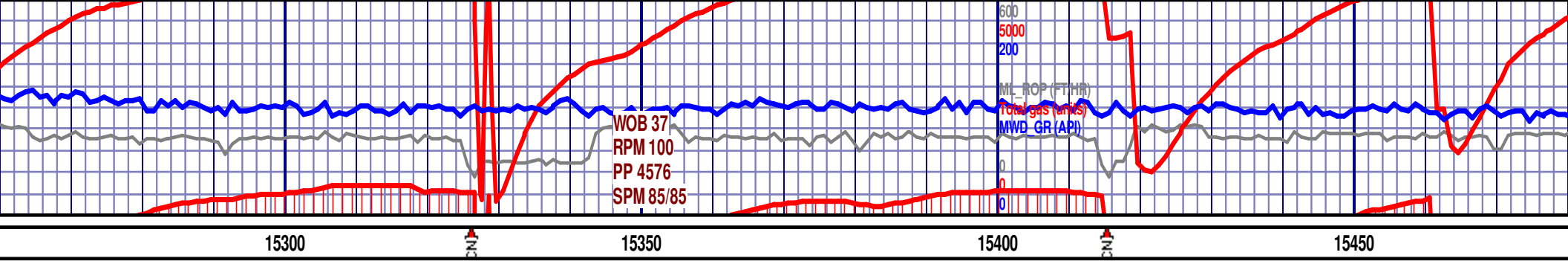
CHALK (85%) med gy -dkgy, occ br
sbblky-sbplty, arg ip, frm, tr pyr cls
occ dk mnrl spec; sptty blu grn pr
resd ring.

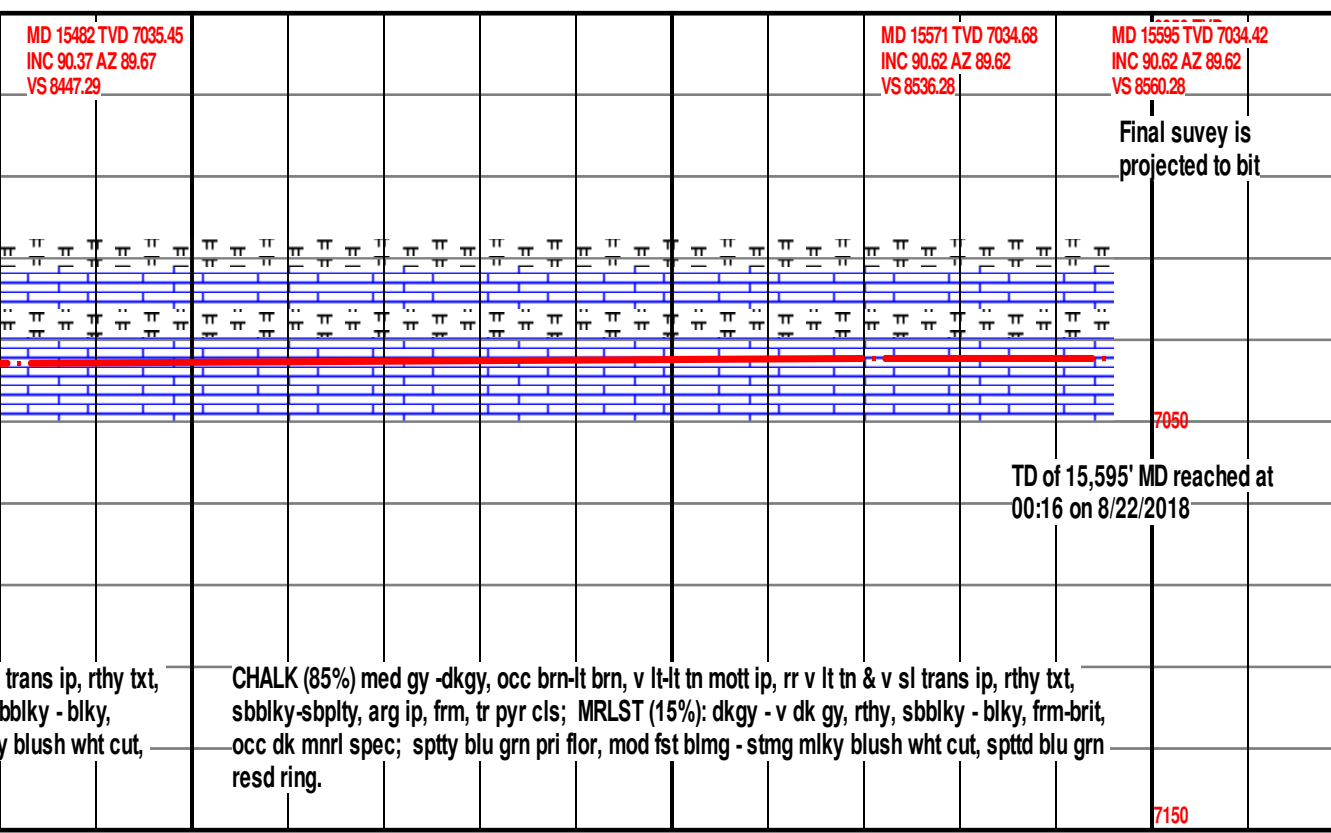
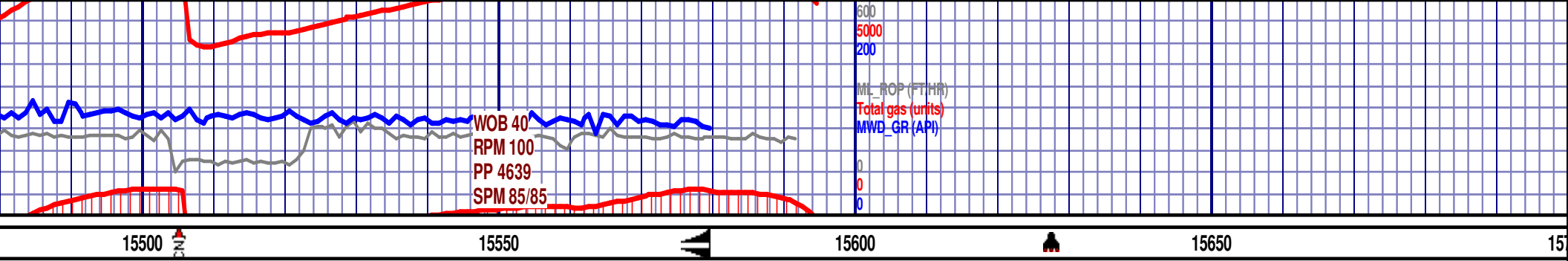


5000
5000
5000
5000
5000
5000
C1 (units)
C2 (units)
C3 (units)
C4 (units)

~~12~~
~~Fluid Weight (ppg)~~







BIT #2, 8.5", HCC, ADT505T, Jets 5x15, SN#: 5287437, Rotary Steerable Directional BHA, IN @ 1826', ON 8/18/18, OUT ON 8/22/18 @ 15,595' MD, DRILLED 13,796' MD in 46.8 BIT HR.

	Formation Tops		
	MD	TVD	SSD
Sharon Springs	7579'	6825'	-2081'
Niobrara A Chalk	7633'	6858'	-2114'
Niobrara B Chalk	7860'	6999'	-2255'
Niobrara C Chalk	8055'	7049'	-2305'

trans ip, rthy txt, sbbiky - blkly, y blush wht cut,

CHALK (85%) med gy -dkgy, occ brn-lt brn, v lt-lt tn mott ip, rr v lt tn & v sl trans ip, rthy txt, sbbiky-sbply, arg ip, frm, tr pyr cls; MRLST (15%): dkgy - v dk gy, rthy, sbbiky - blkly, frm-brit, occ dk mnrl spec; spty blu grn pri flor, mod fst blmg - stmg mlky blush wht cut, spttd blu grn resd ring.

Thank You
Goolsby Brothers & Assoc. Inc

