

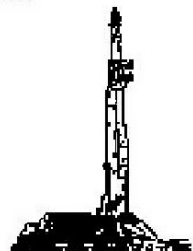
GOOLSBY BROTHERS
and associates, inc.

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: Falken 4N-14A-S

API: 051234510400

Location: NE/SE Section 11 T6N R66W Weld County, CO.

License Number:

Spud Date: December 30, 2017

Surface Coordinates: 1694'FSL & 276'FEL NE/SE Sec.11 T6N R66W

Lat/Long: 40°30'00.796"N / 104°44'09.427"W

Bottom Hole Coordinates: Planned: 563'FNL & 460'FWL NW/NW Sec.14 T6N R66W

Projected: 570'FNL & 440'FWL NW/NW Sec.14 T6N R66W

Ground Elevation (ft): 4,810'

K.B. Elevation (ft): 4,835'

Logged Interval (ft): 6750'

To: 13,076'

Total Depth (ft): 13,076' DMTD

Formation: Niobrara A

Type of Drilling Fluid: OBM (LSND Surface).

Region: Wattenberg

Drilling Completed: January 4, 2018

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

OPERATOR

Company: SRC Energy, Inc

Geologist: Tom Jacaruso

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 13,064' MD

Casing

9 5/8" Surface Casing pre set @ 1800' MD.

5 1/2" Production Liner run on 12/xx/2017 set at xxx' MD.

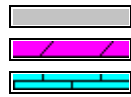
Comments

- 1) Drilling Contractor: Precision Drilling, Rig #562
Pumps 1&2: Rostell F-1600 5" x 12" (.0692 Bbls./stroke)
Toolpusher: Joseph Credeur, Tyson Westgard.
- 2) Company Man: Kent Priddy
Kevin Brakovec
Tim Jones
Kalib Ford
- 3) Mud Comapny : Anchor USA
Engineer: Joseph P. Wood
- 4) Directional Drilling: Baker Hughes
Drillers: Ryan Kielian, Aaron Herskind
MWD: Garrett Gersden, Baker Remote Field Operations.
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)

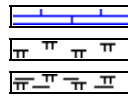
ROCK TYPES



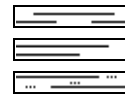
Bent
Cht
Clyst



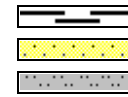
Oil sat.
Dol
Lmst



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

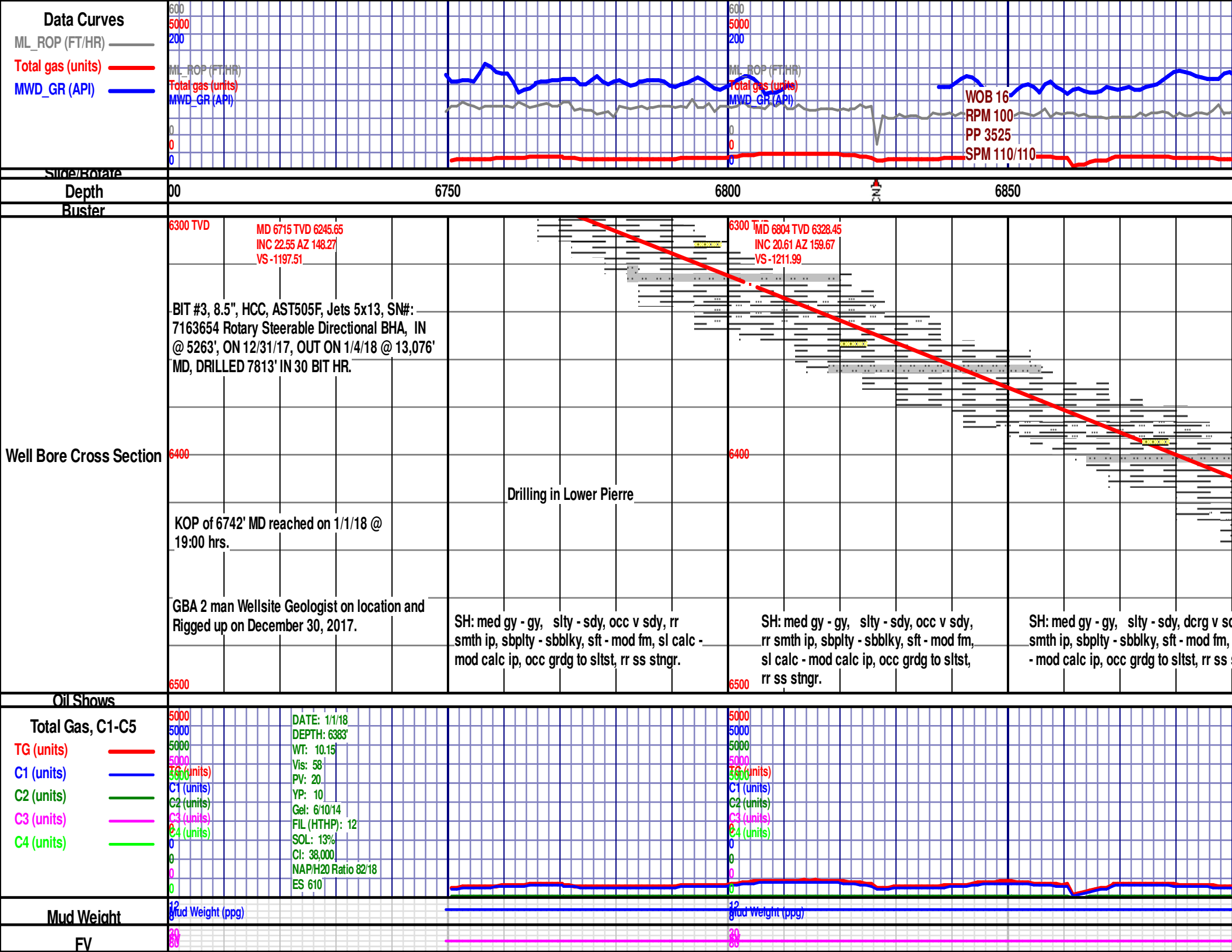
Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

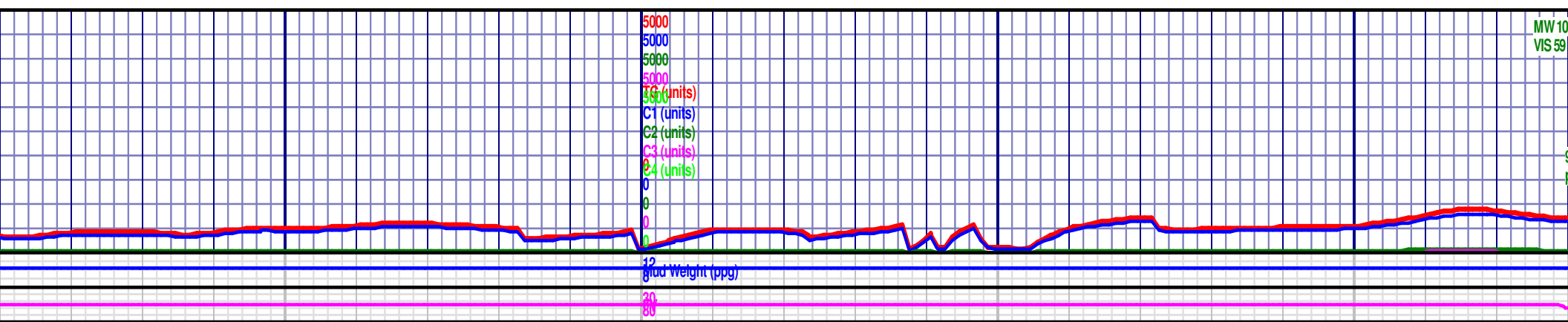
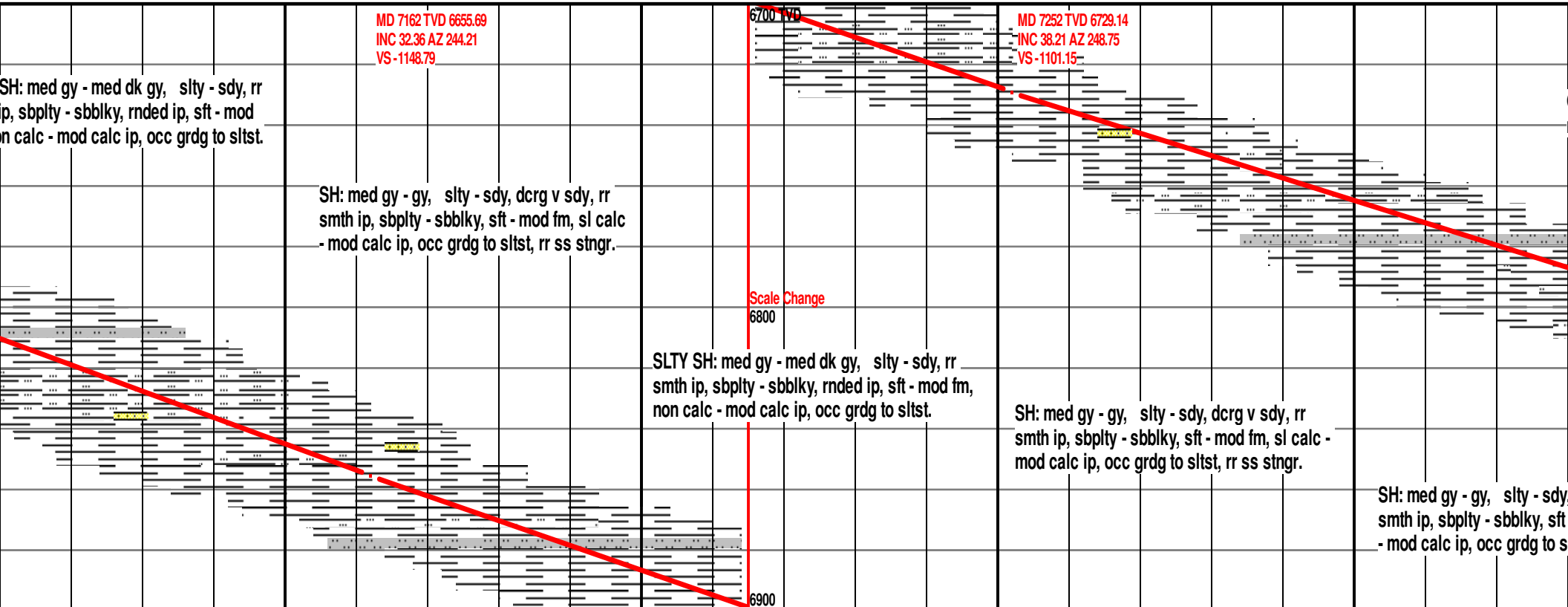
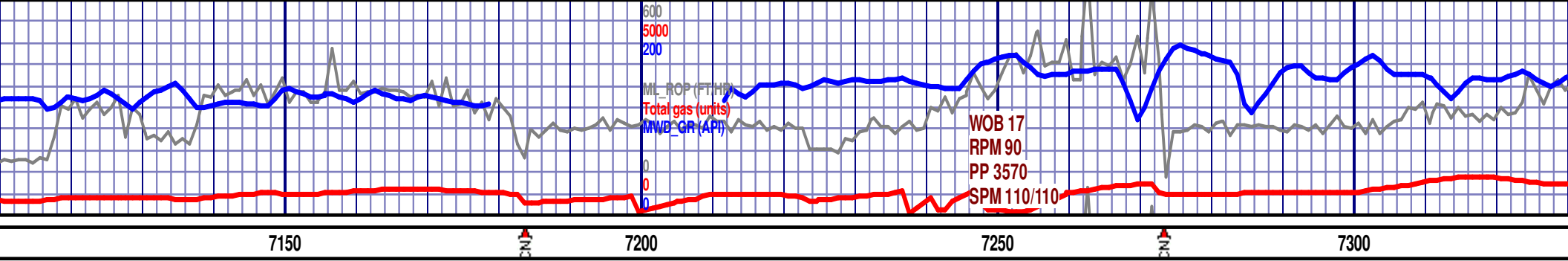
ROUNDING

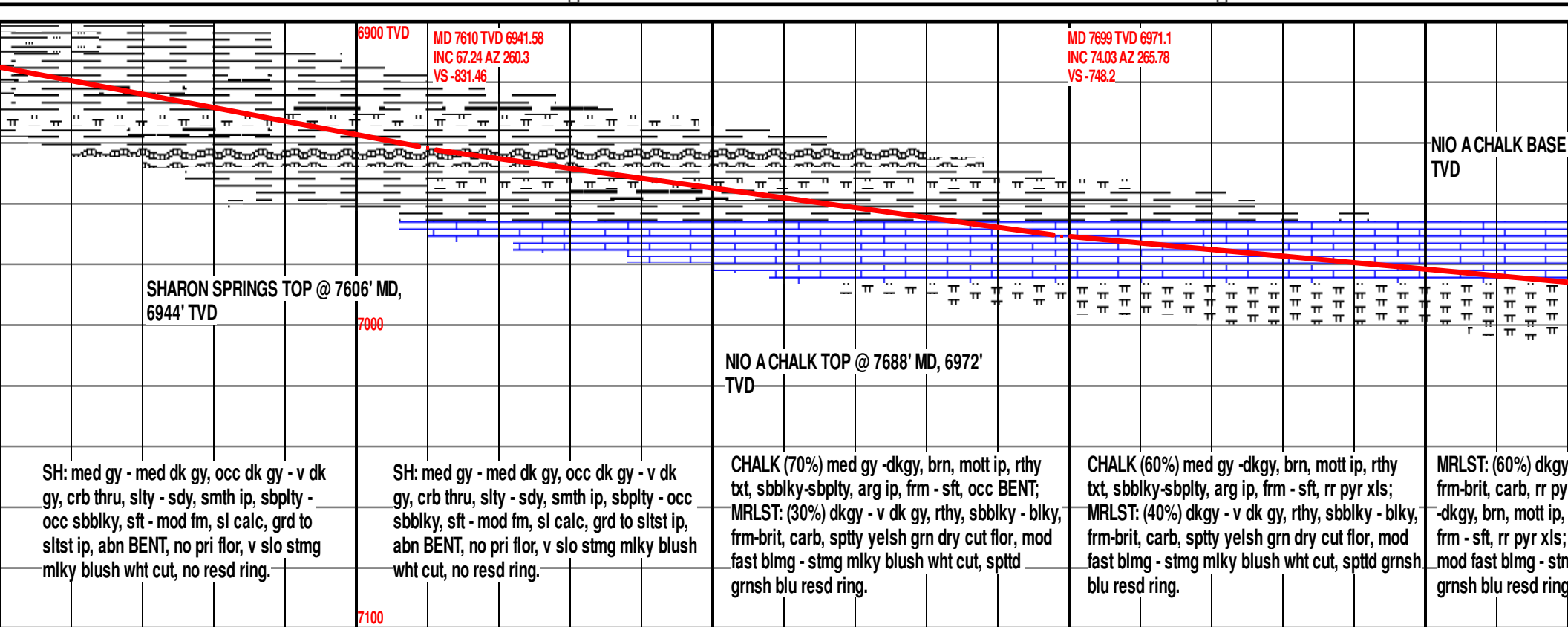
Rounded
 Subrnd
 Subang
 Angular

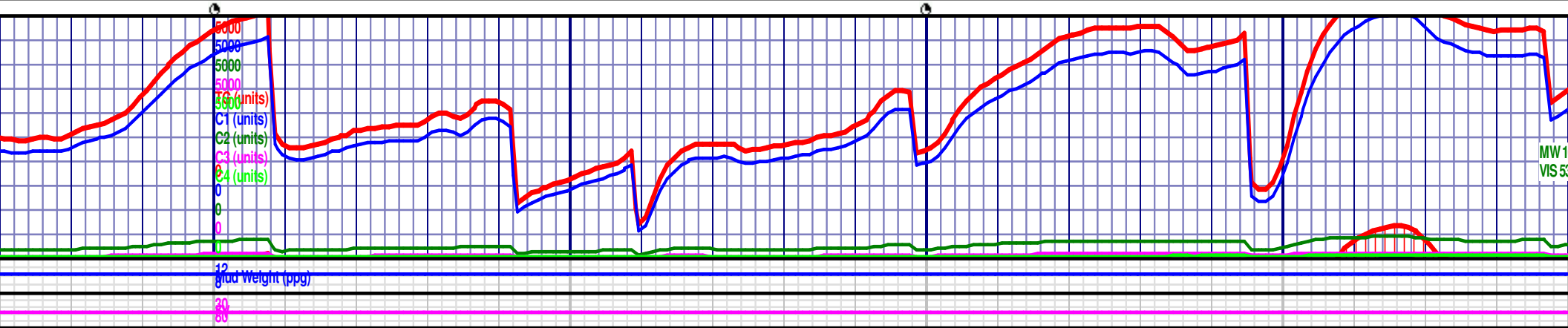
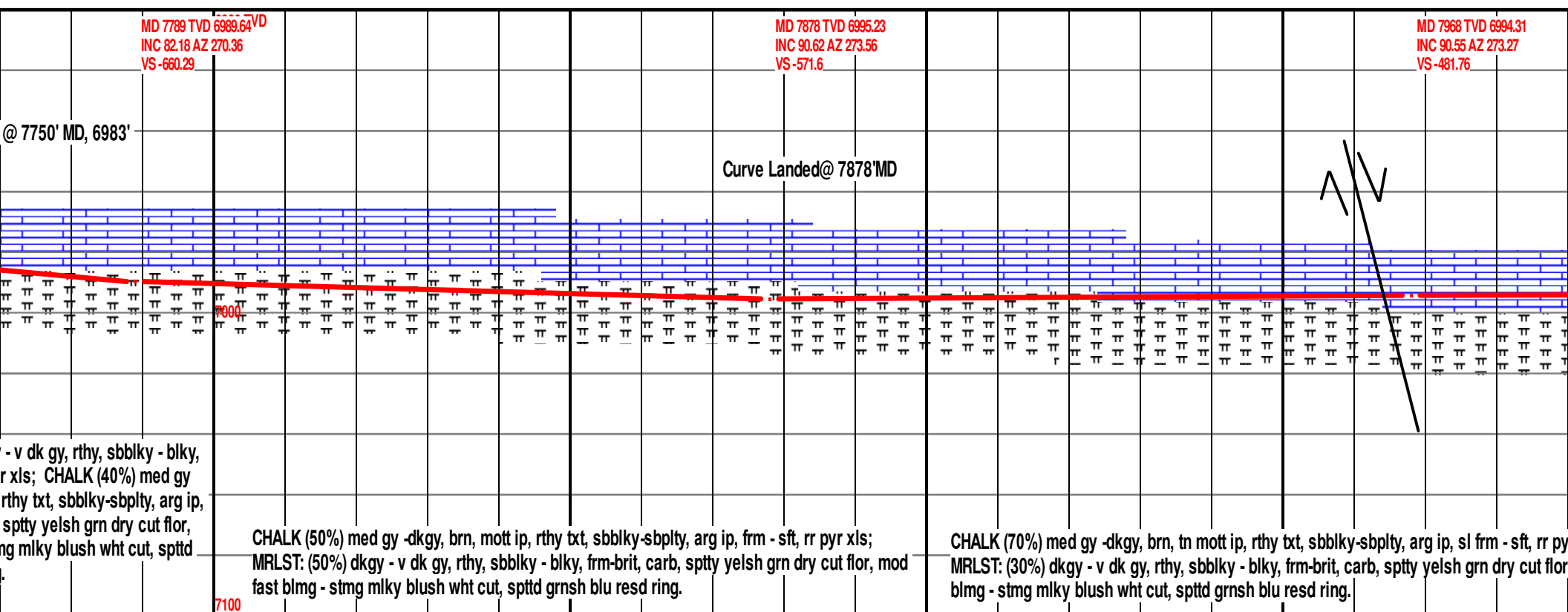
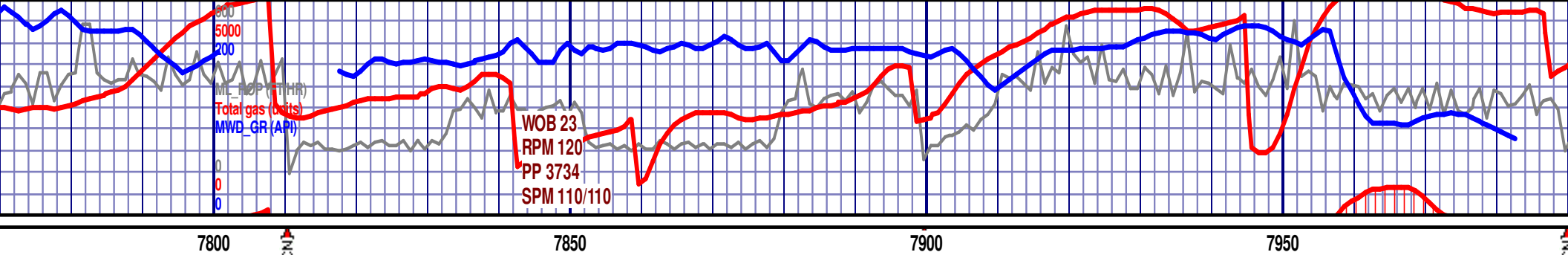
SORTING

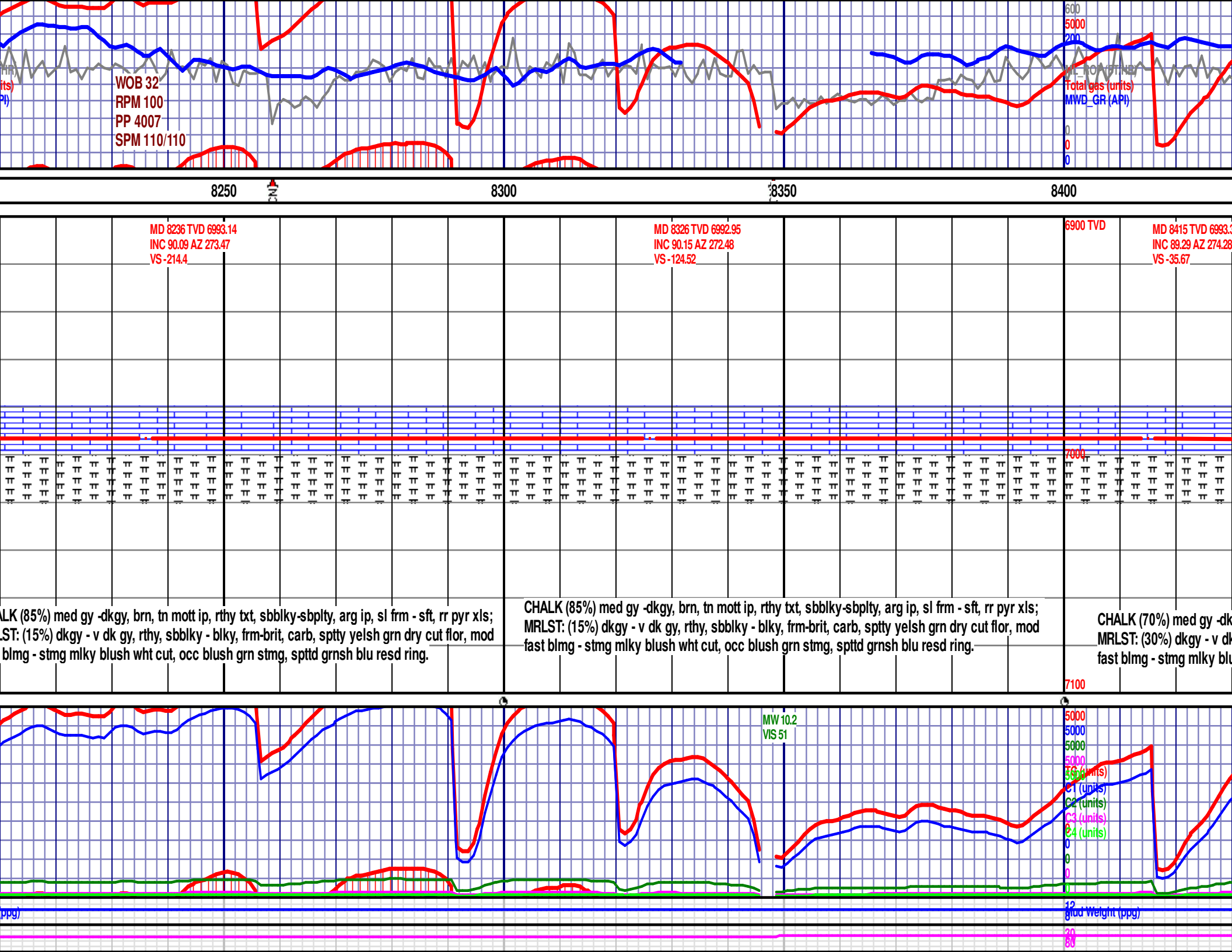
Well
 Moderate
 Poor

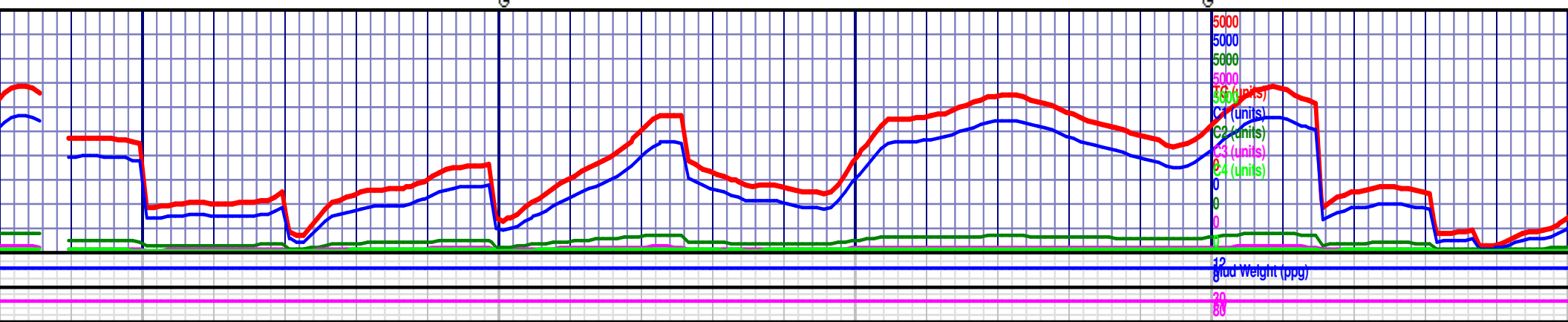
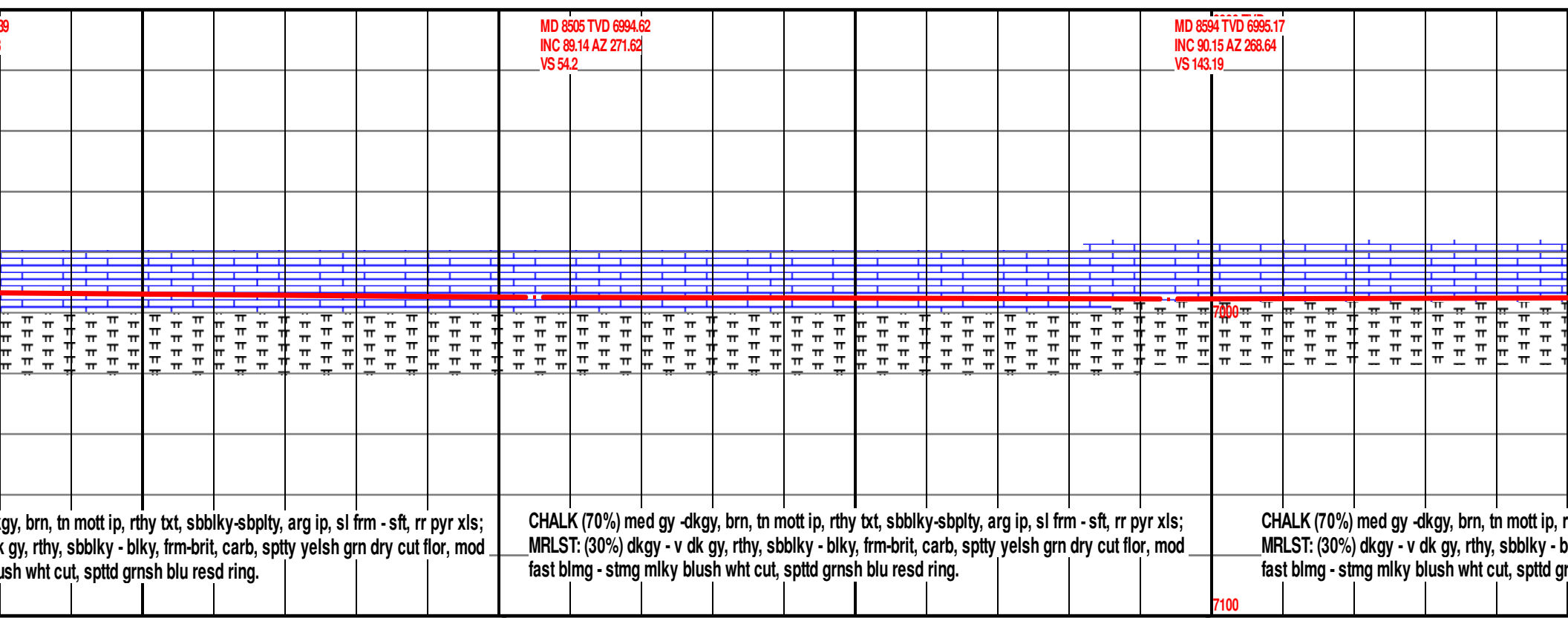
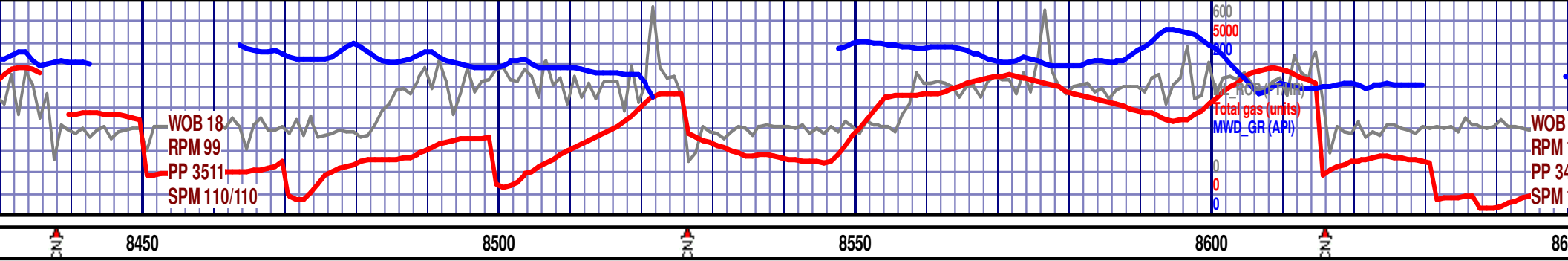


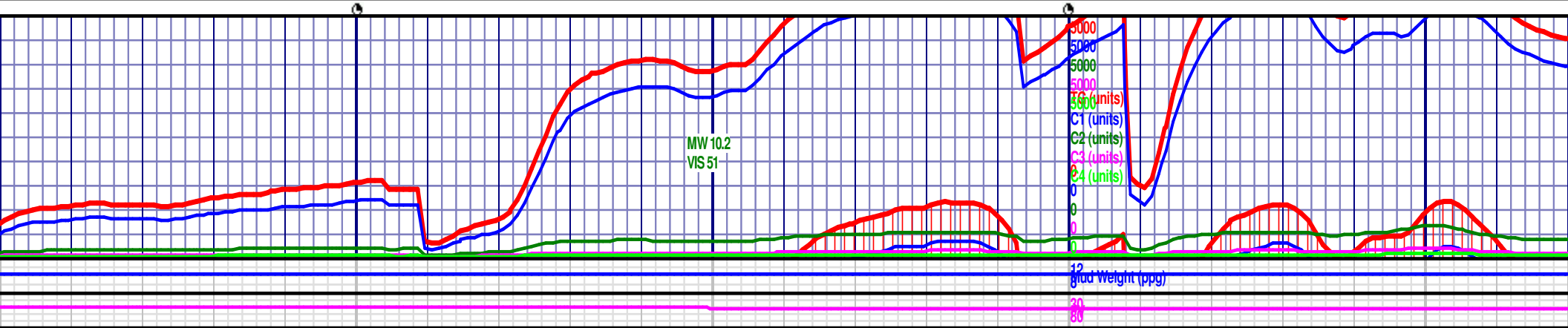
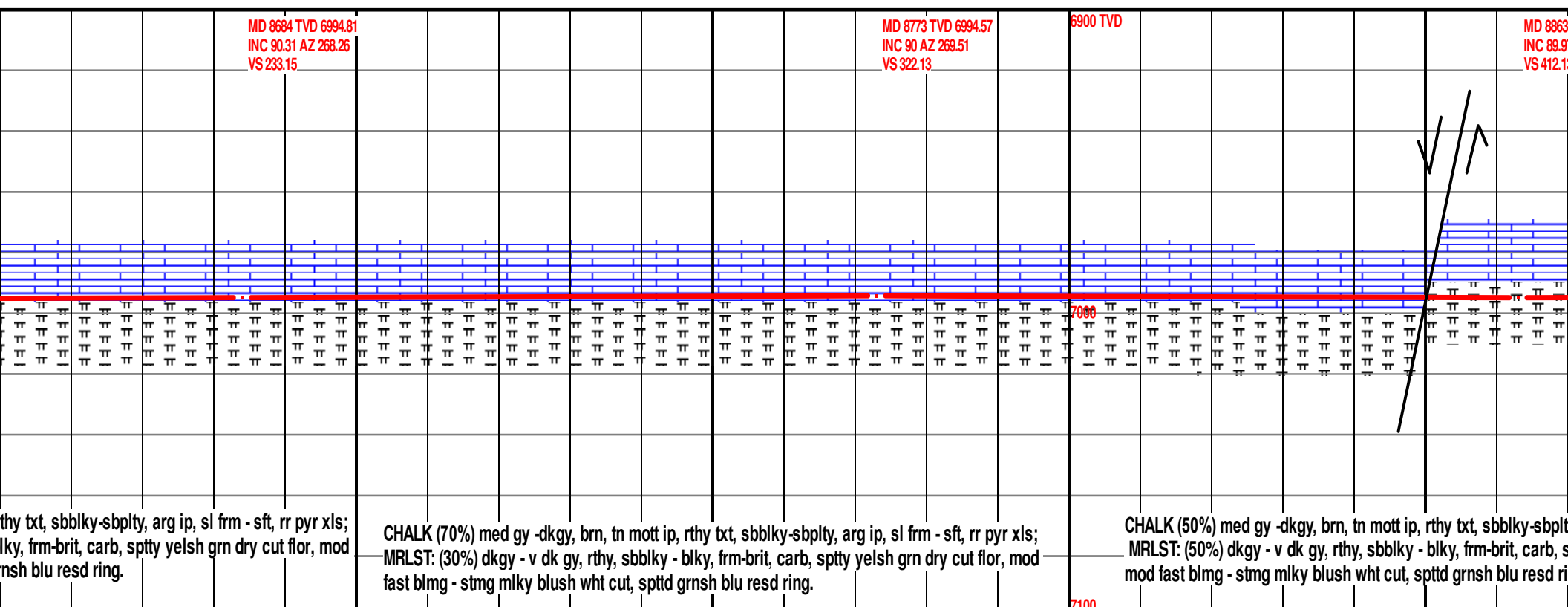
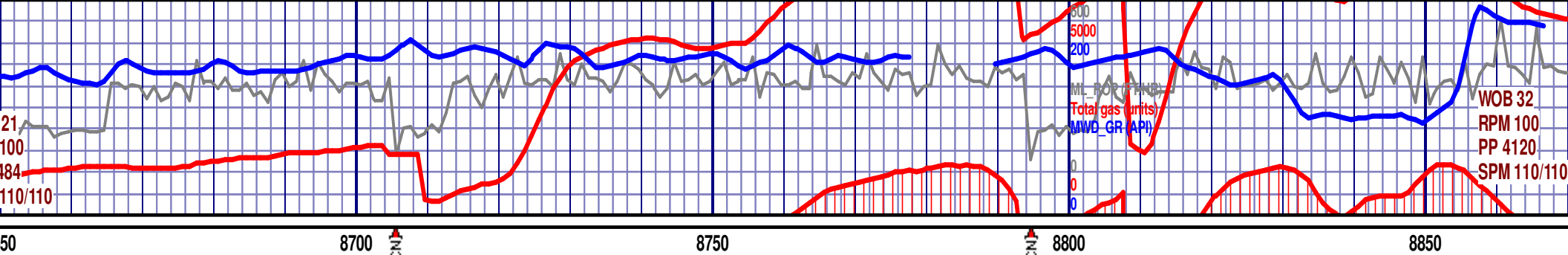


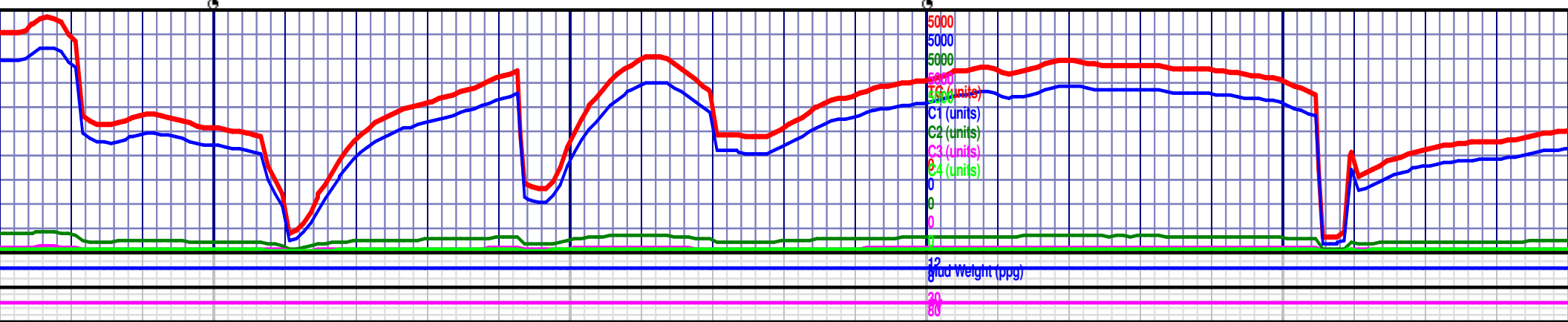
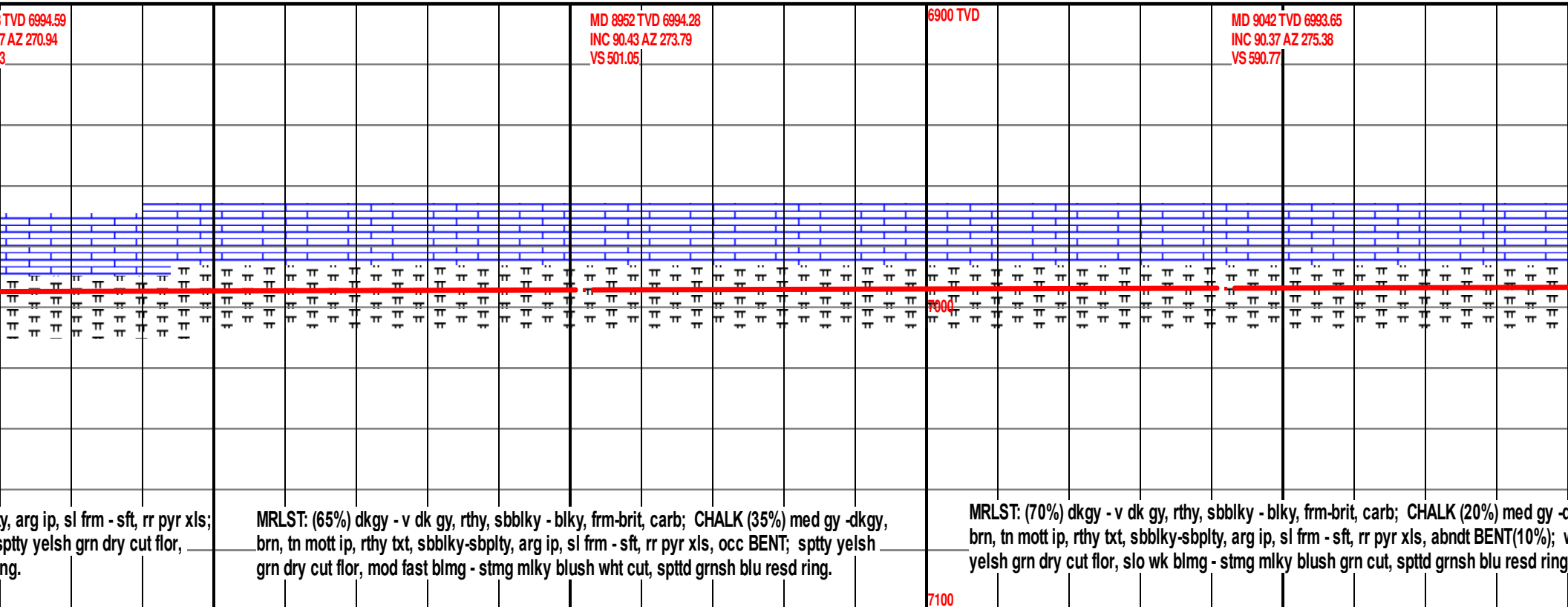
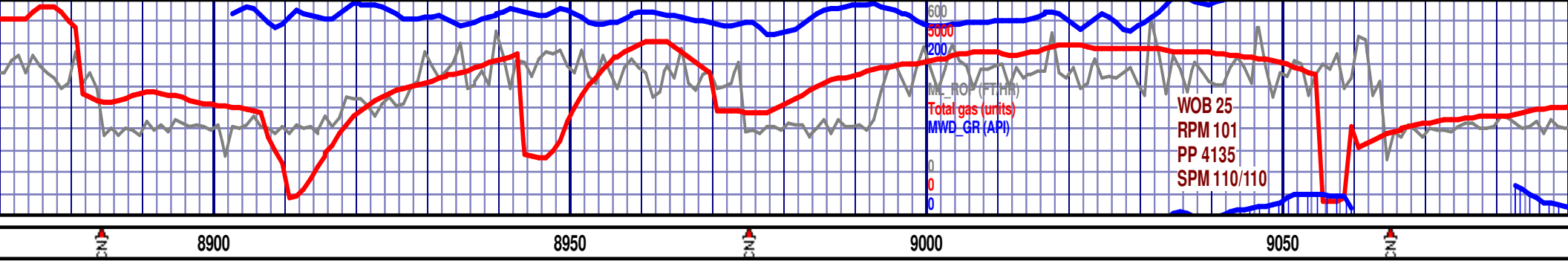


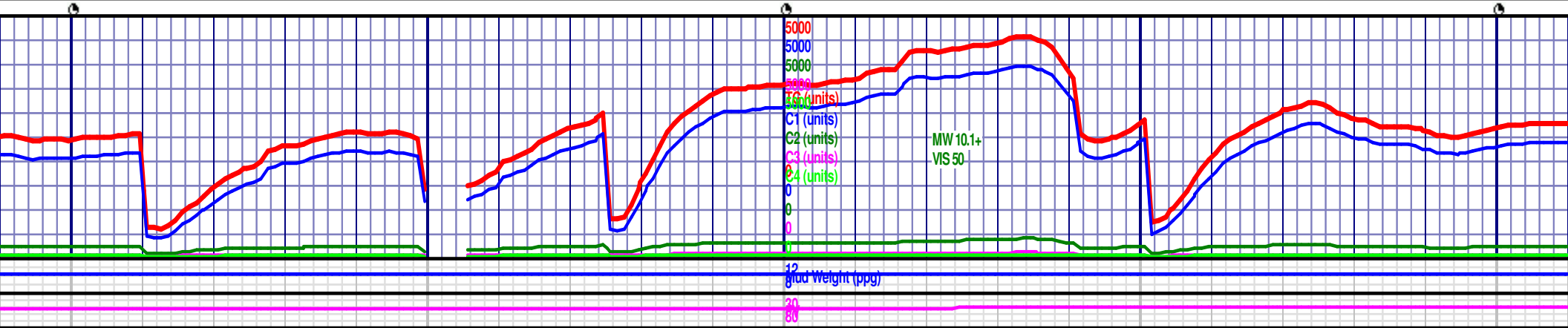
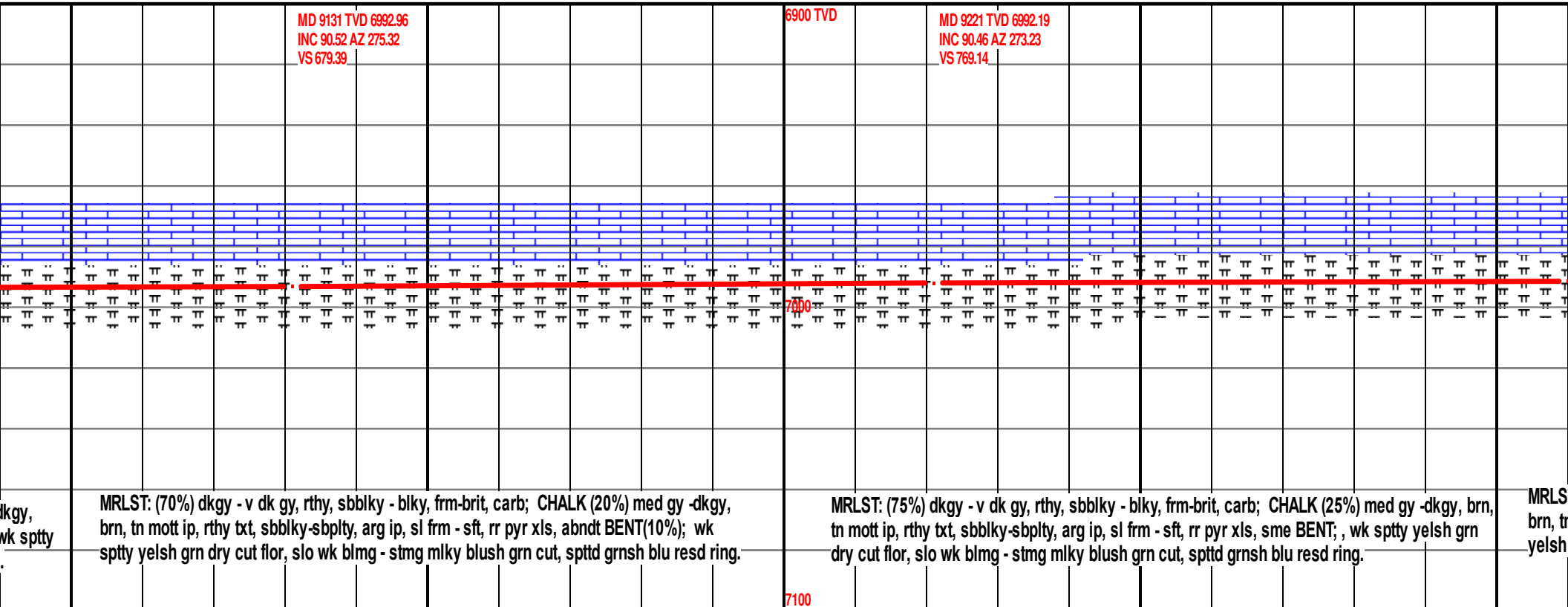
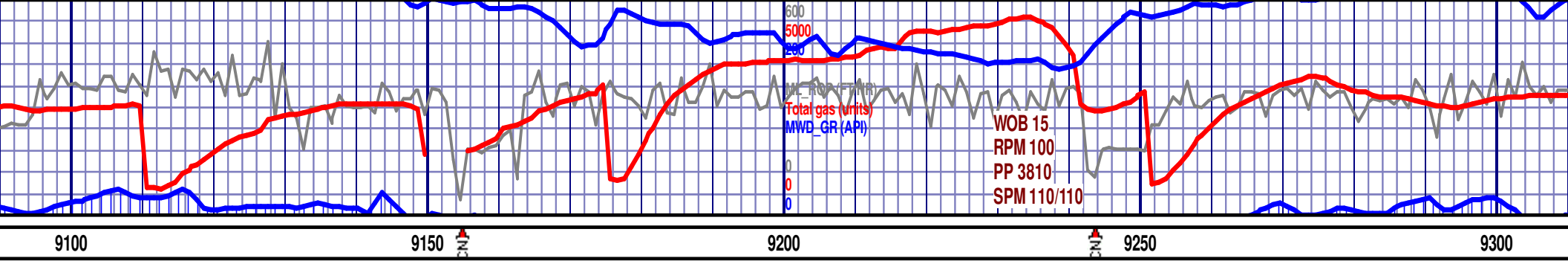


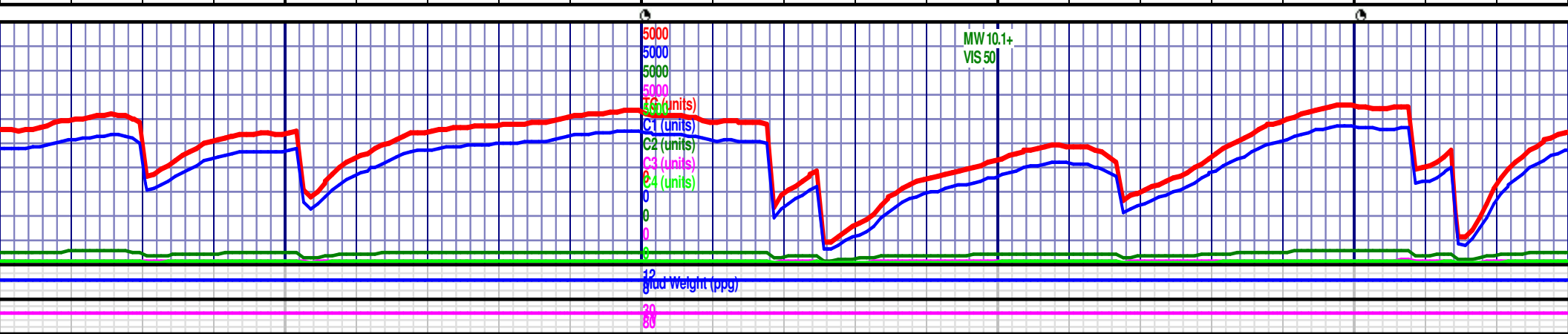
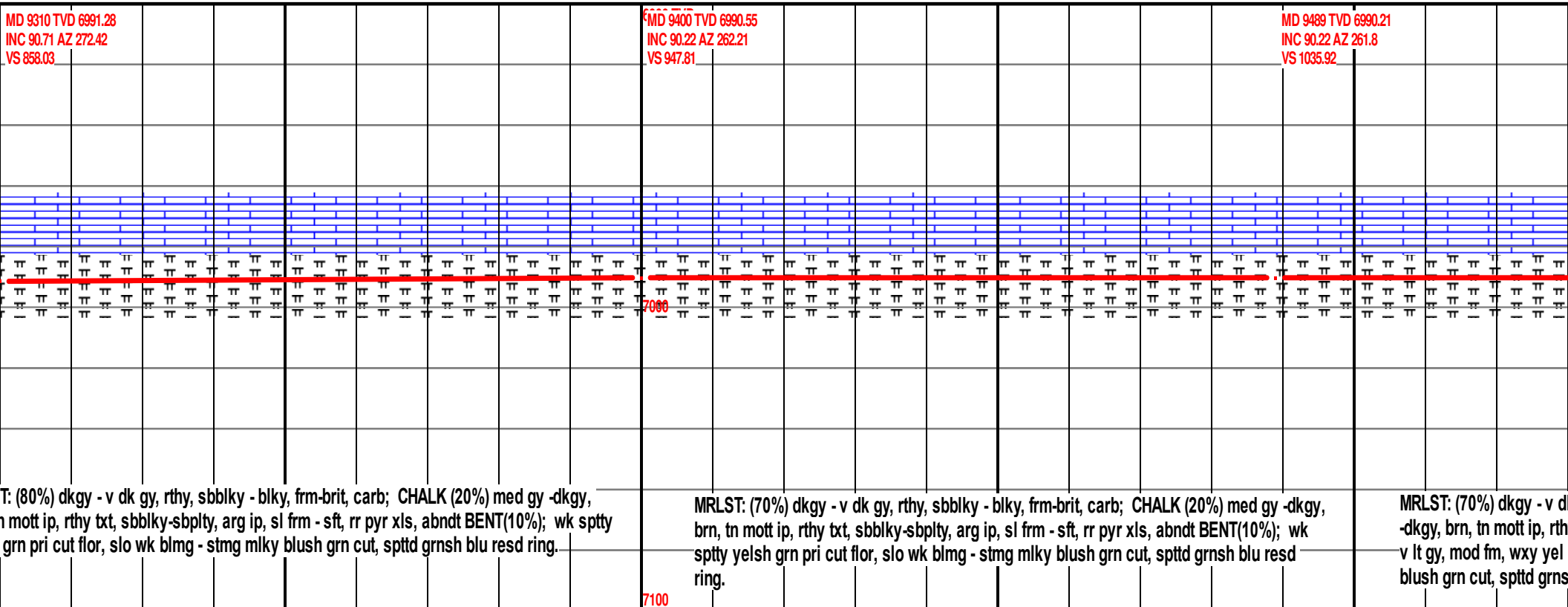
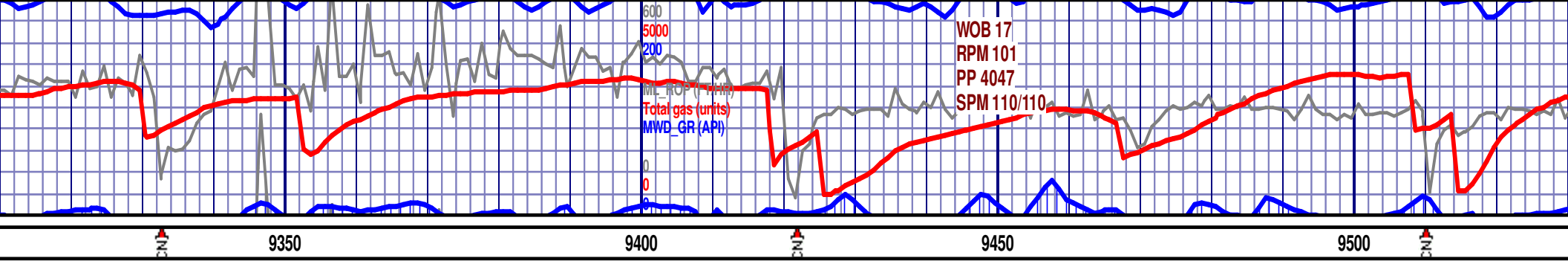


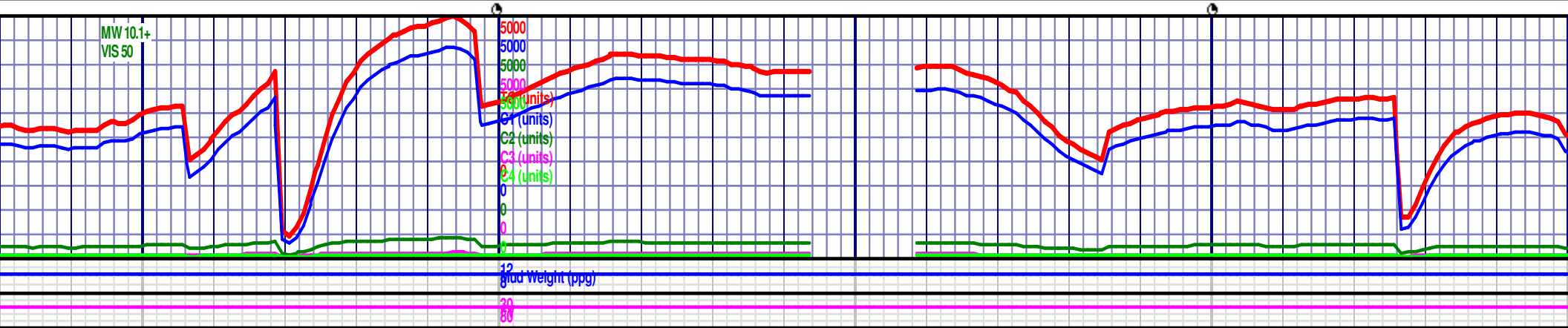
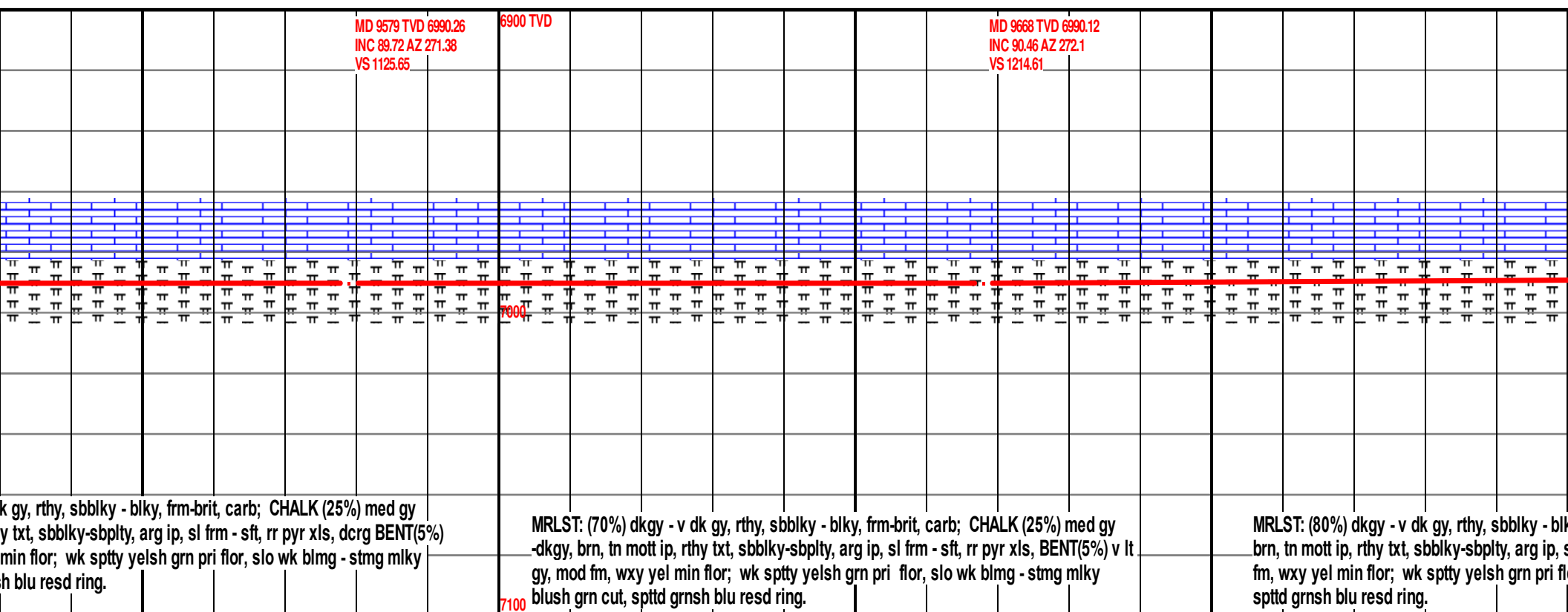
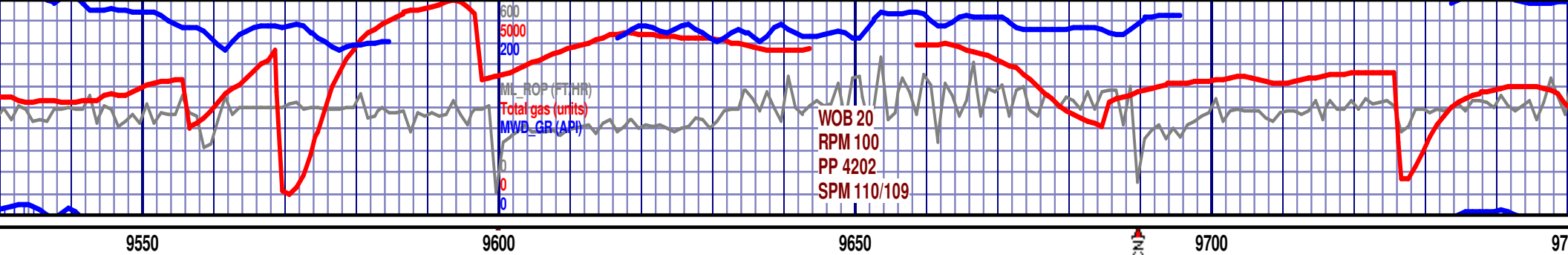


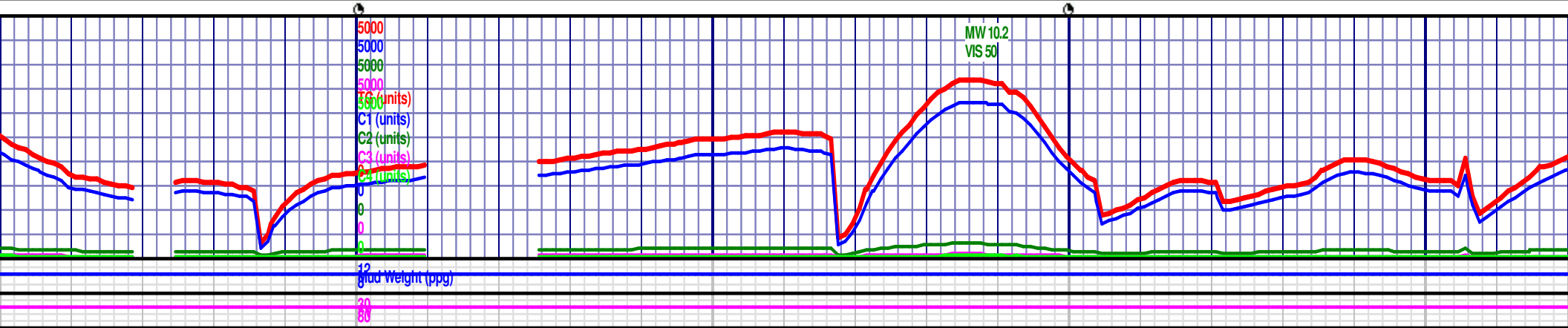
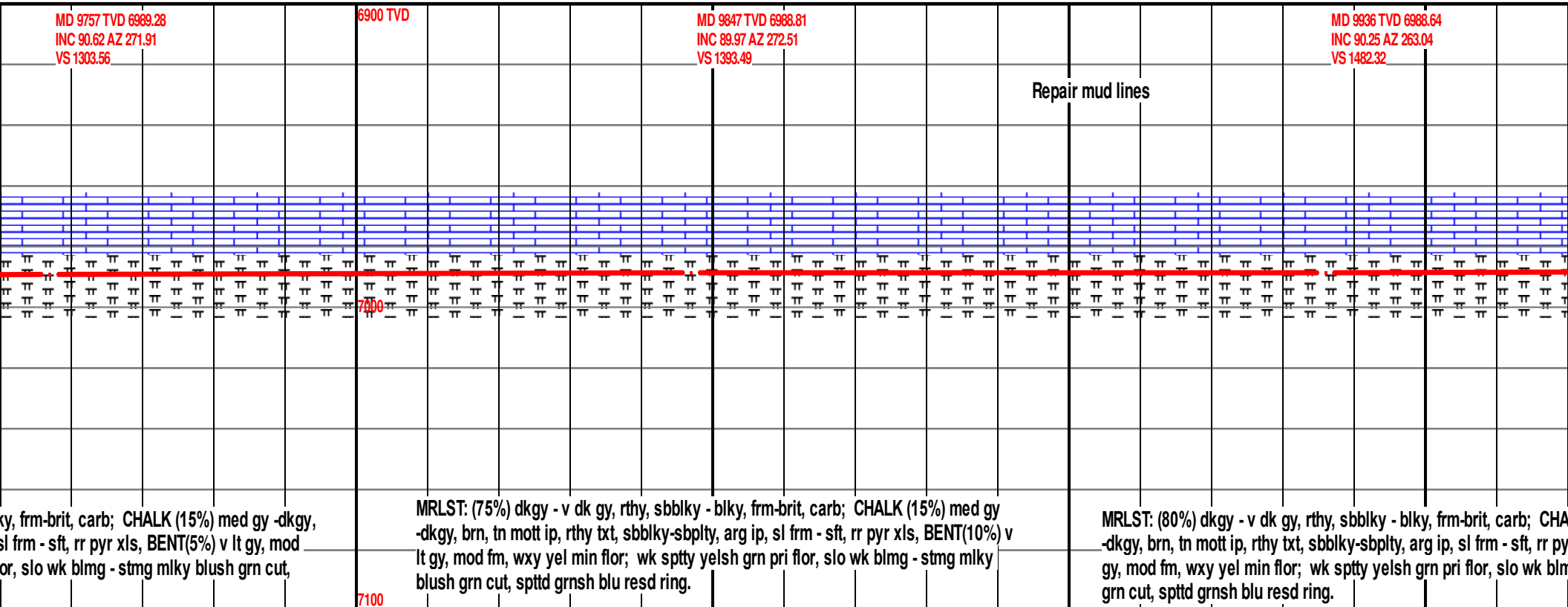
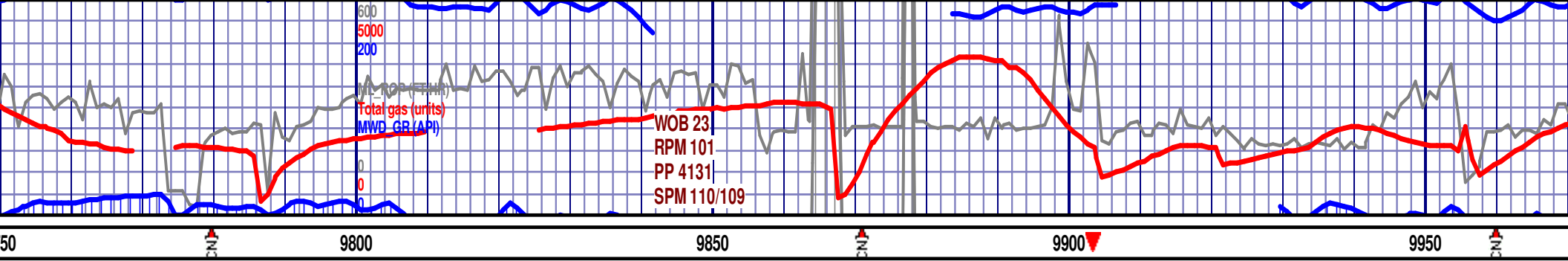


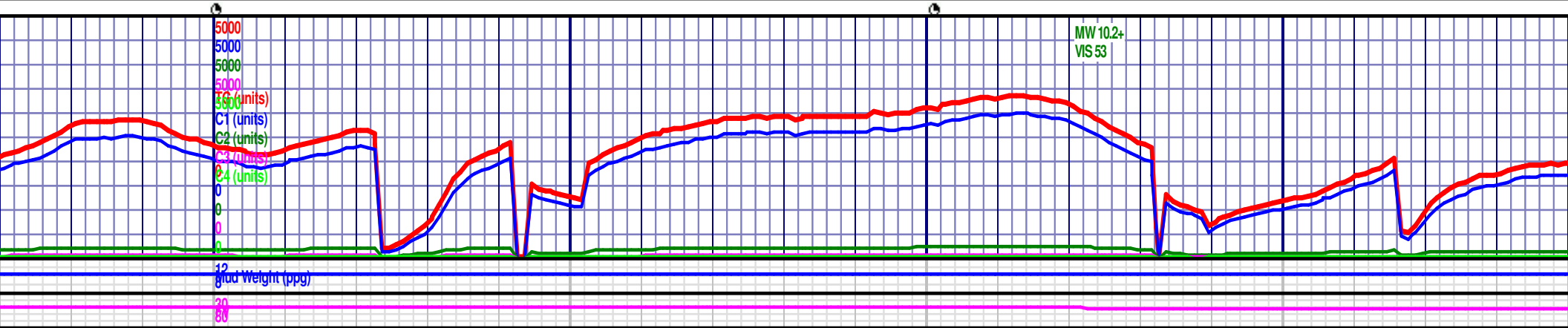
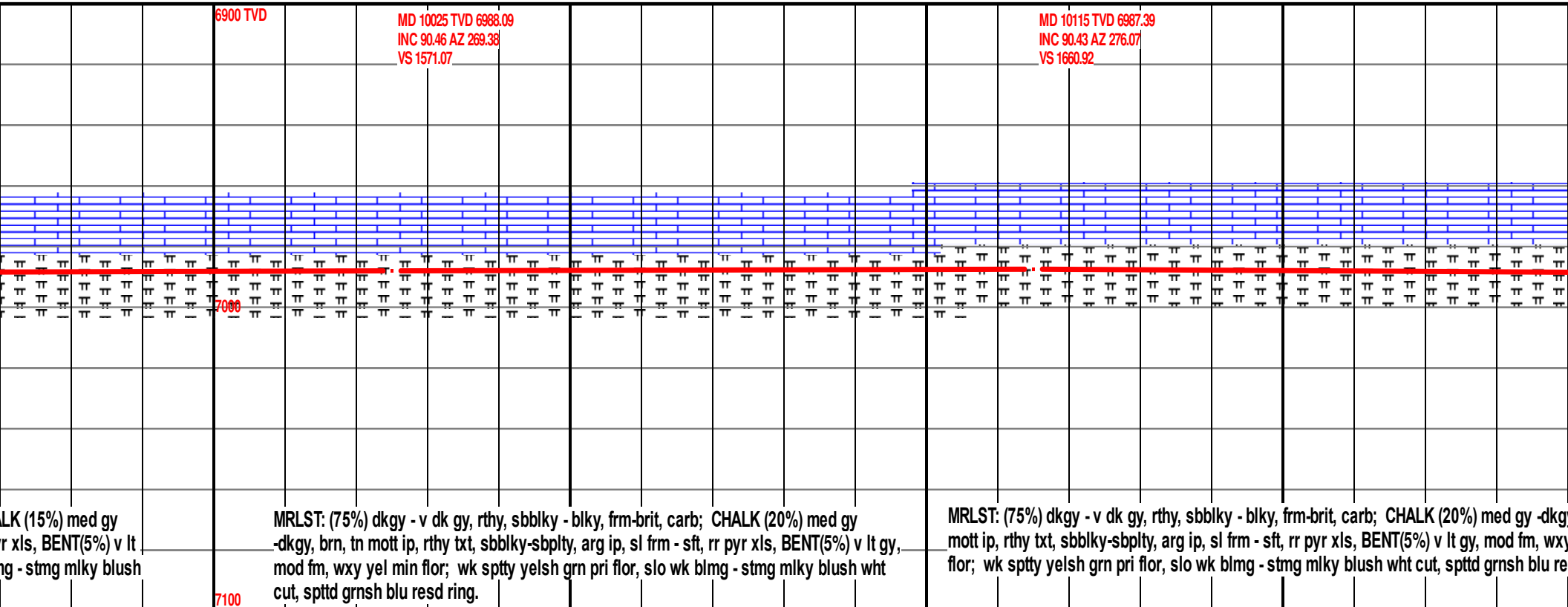
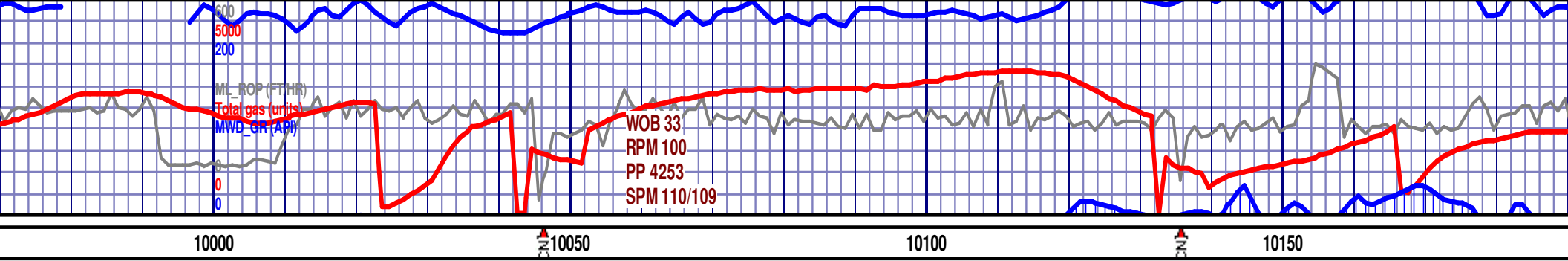


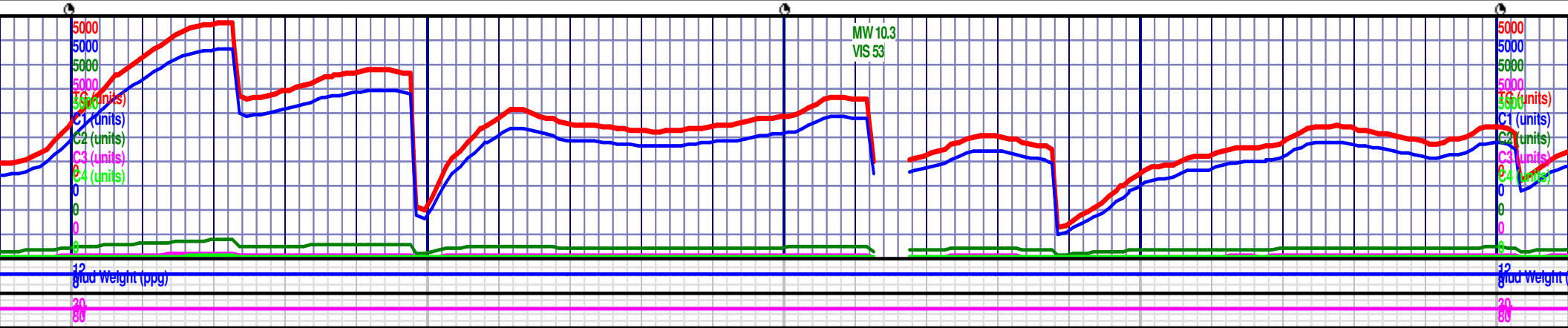
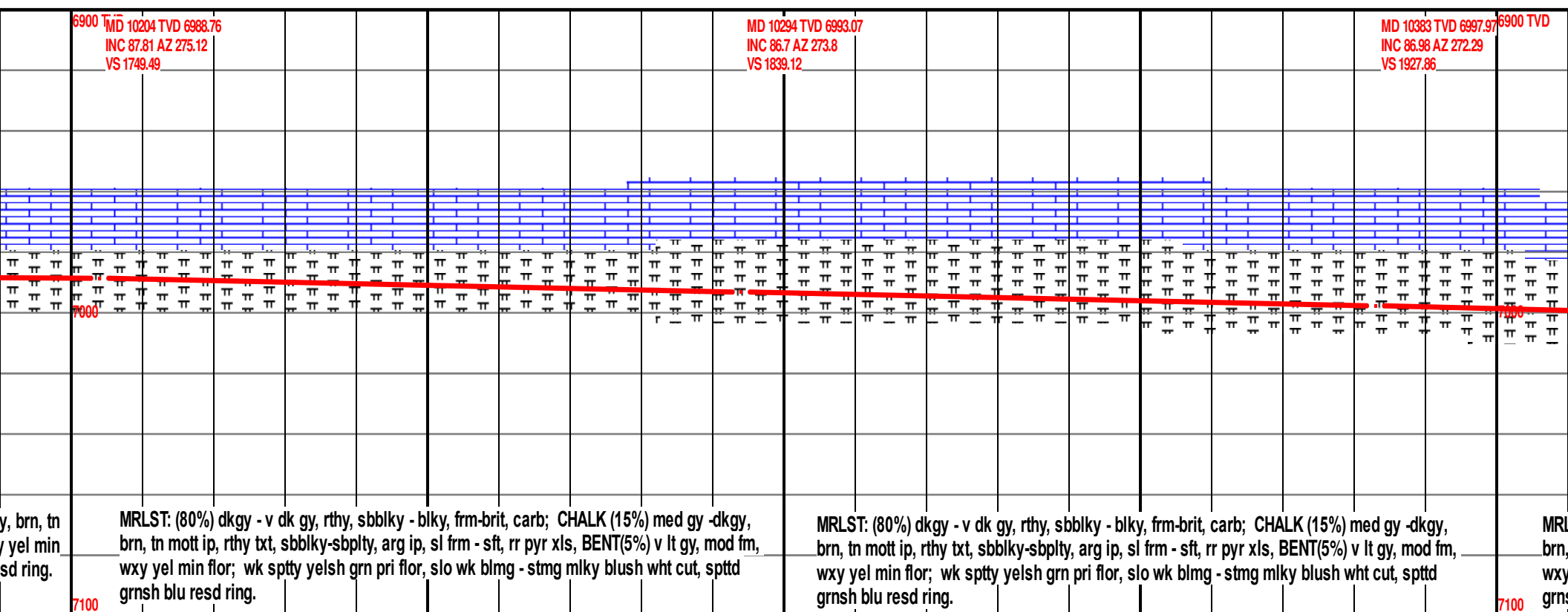
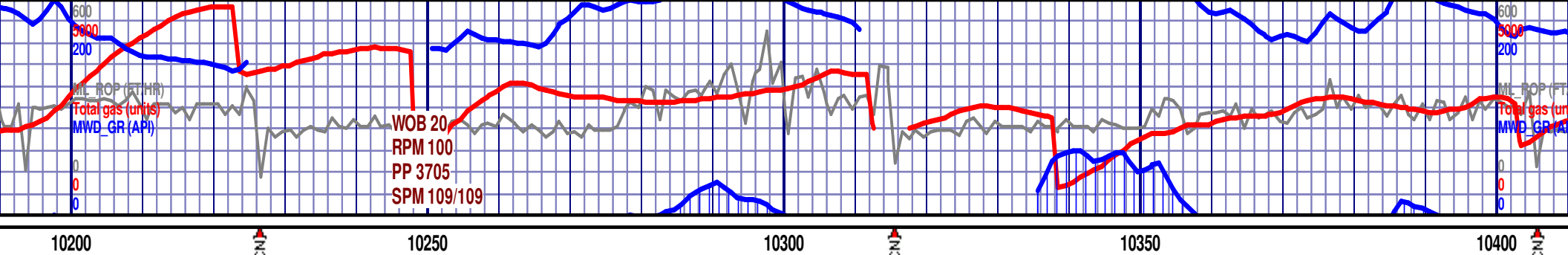


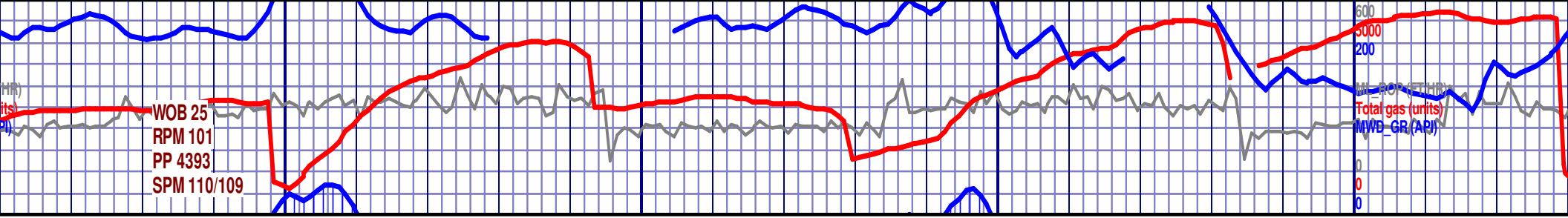












10450

10500

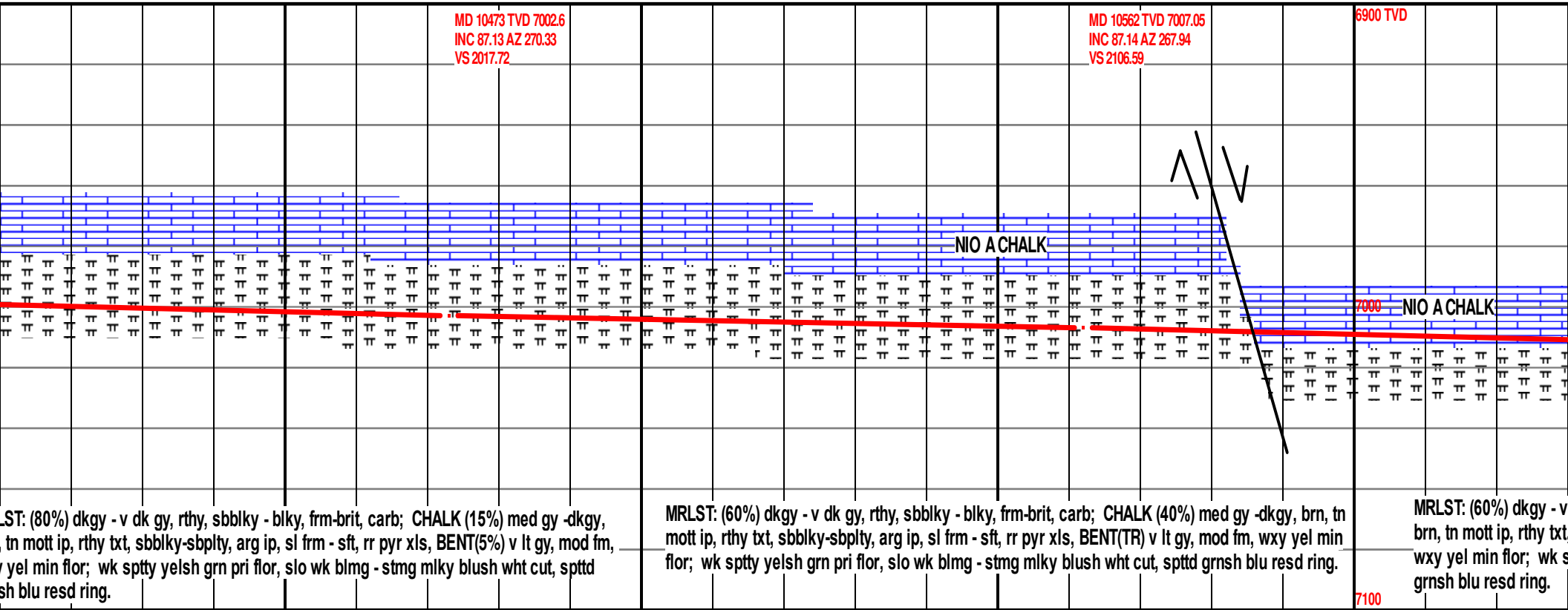
10550

10600

MD 10473 TVD 7002.6
INC 87.13 AZ 270.33
VS 2017.72

MD 10562 TVD 7007.05
INC 87.14 AZ 267.94
VS 2106.59

6900 TVD

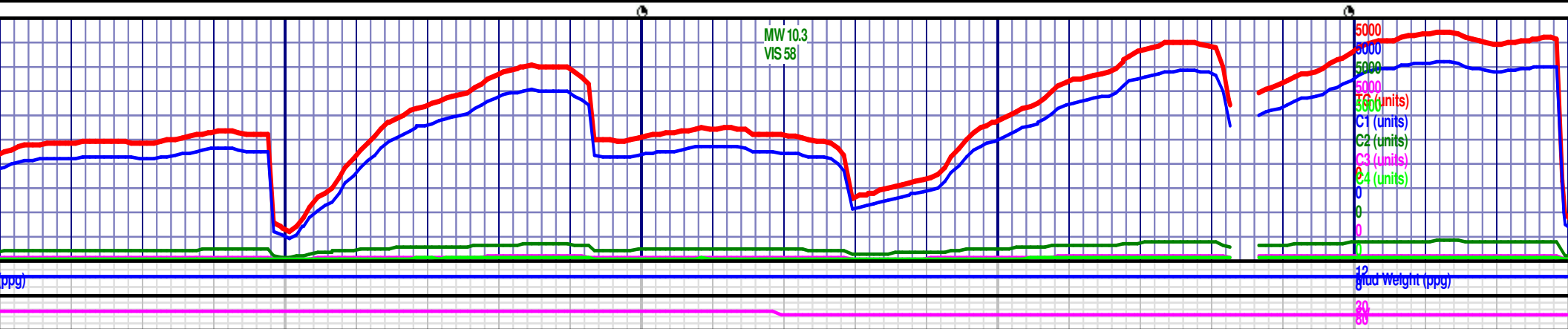


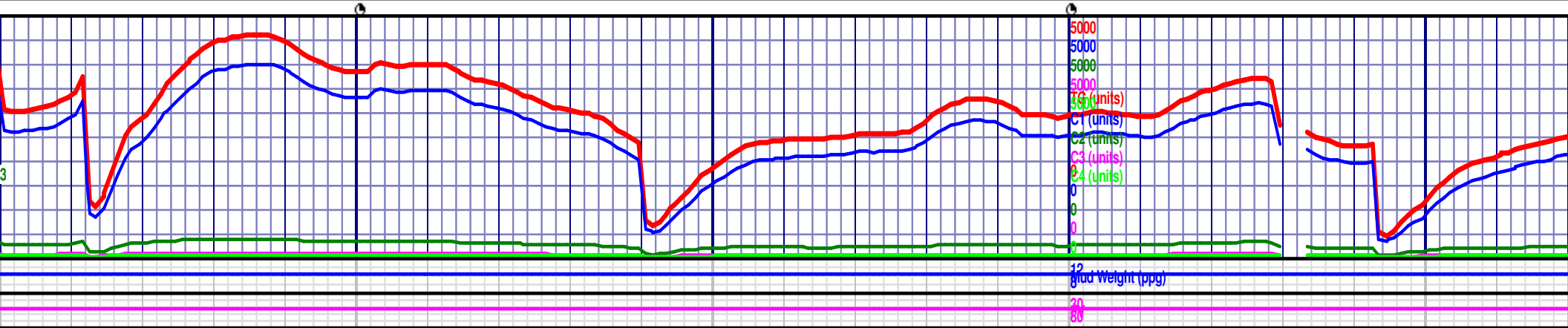
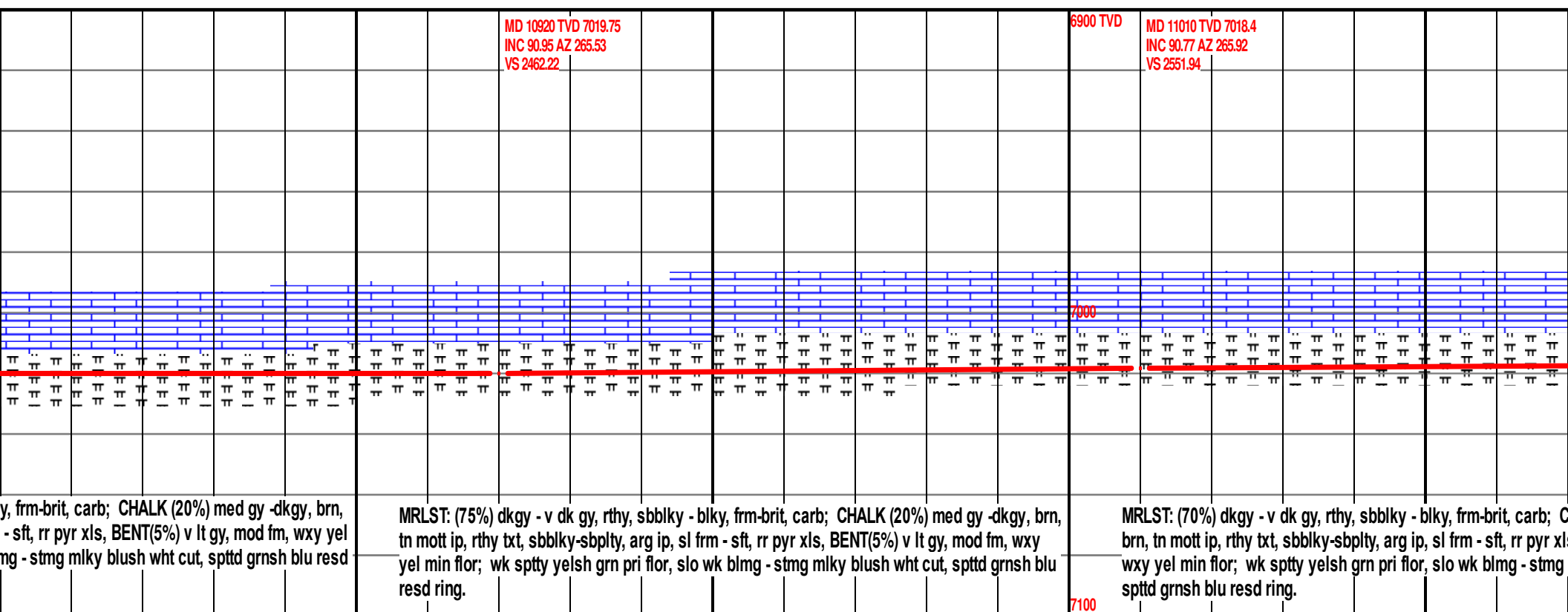
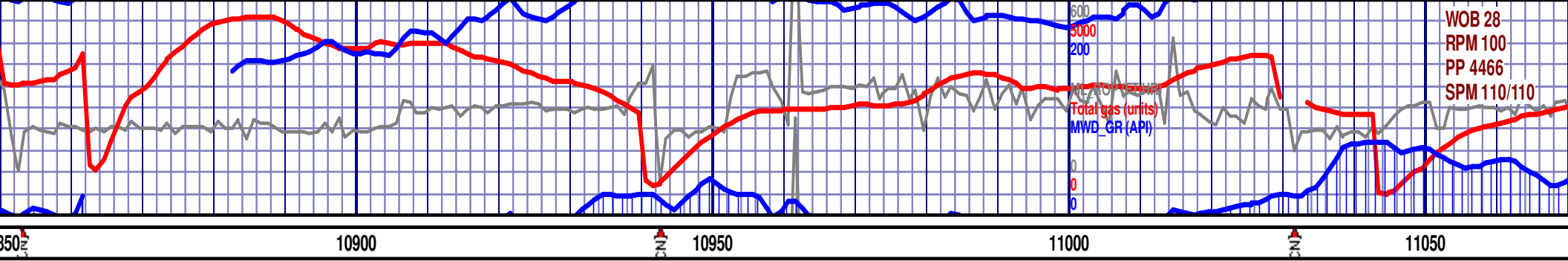
ST: (80%) dkgy - v dk gy, rthy, sbbly - blk, frm-brit, carb; CHALK (15%) med gy -dkgy, tn mott ip, rthy txt, sbbly-sbply, arg ip, sl frm - sft, rr pyr xls, BENT(5%) v lt gy, mod fm, yel min flor; wk spty yelsh grn pri flor, slo wk blmg - stmg mlky blush wht cut, spttd sh blu resd ring.

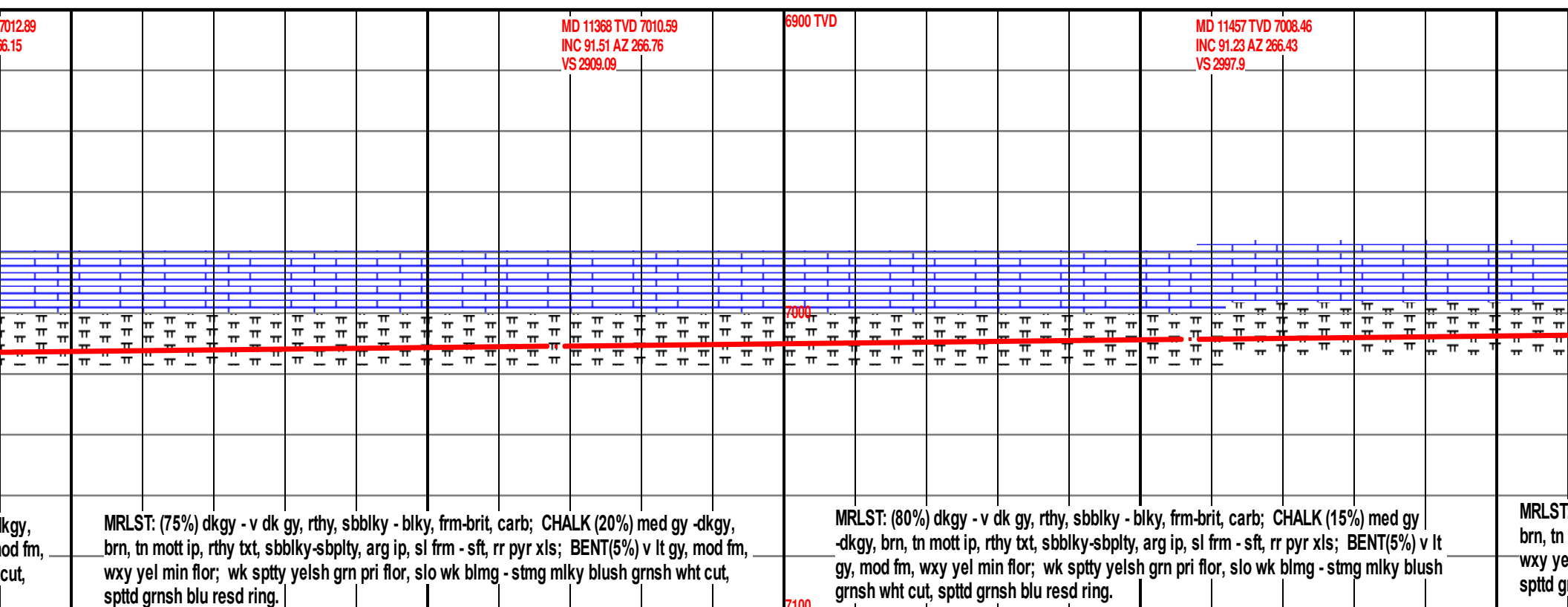
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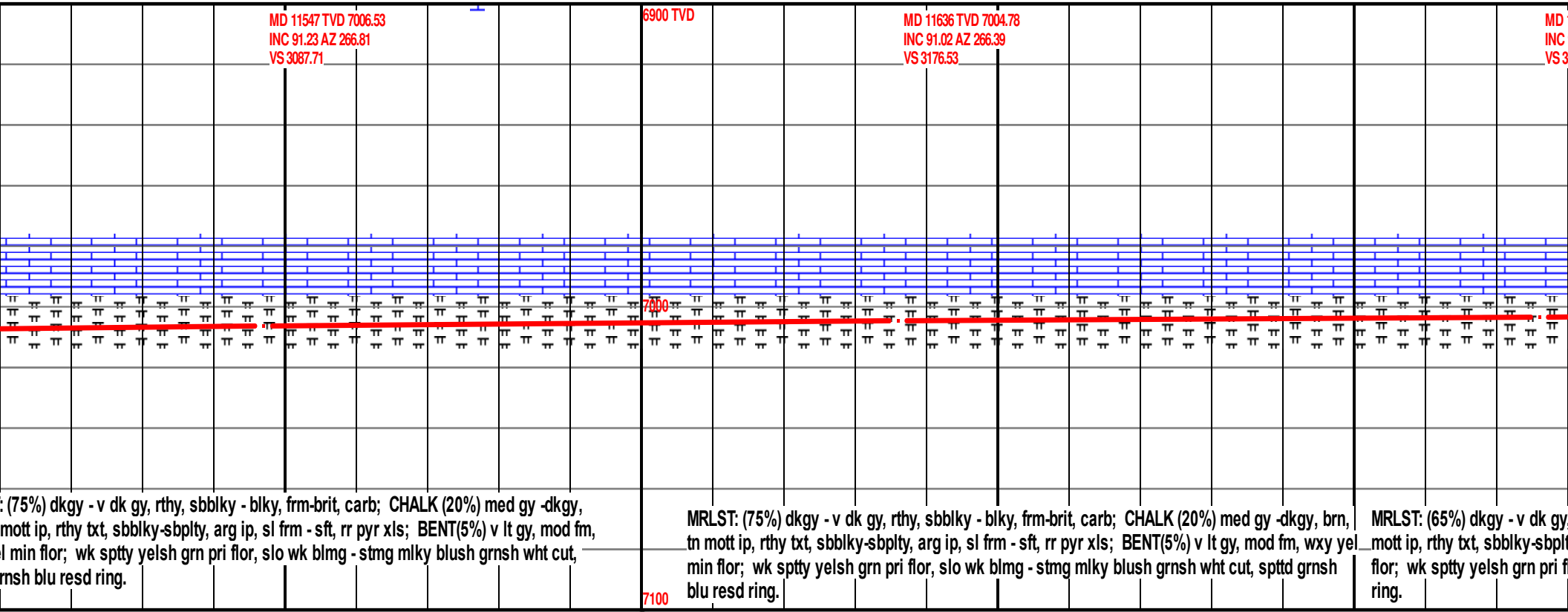
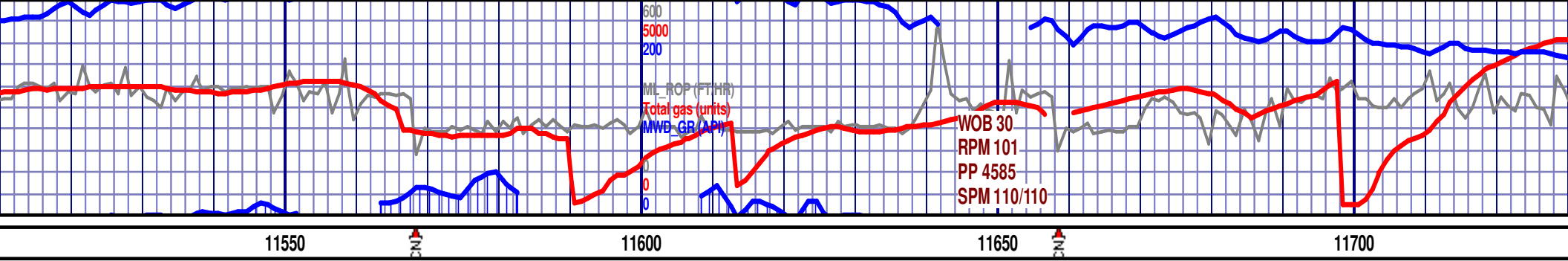
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7100





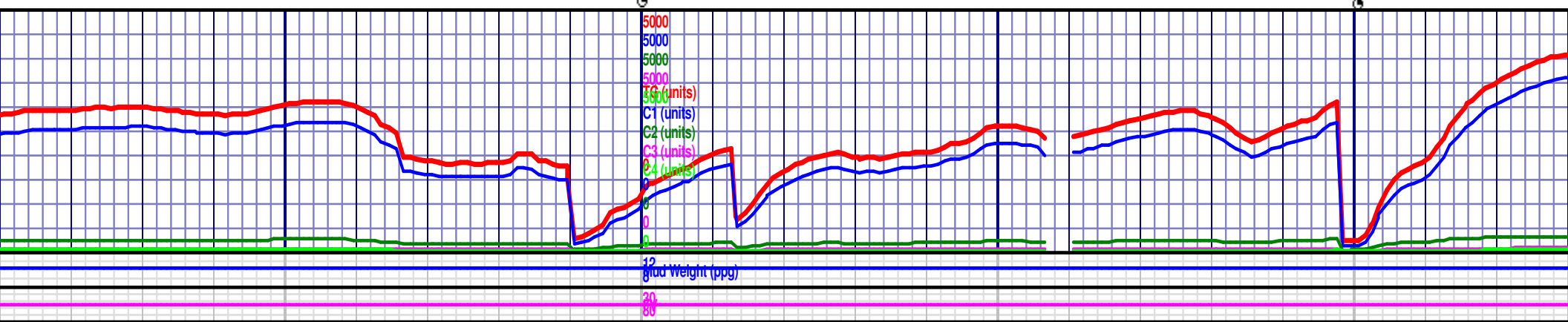


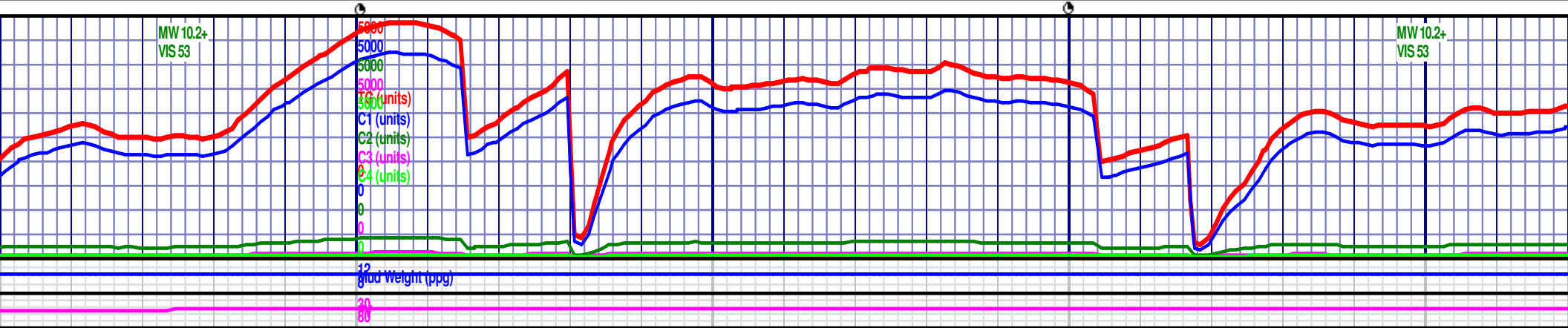
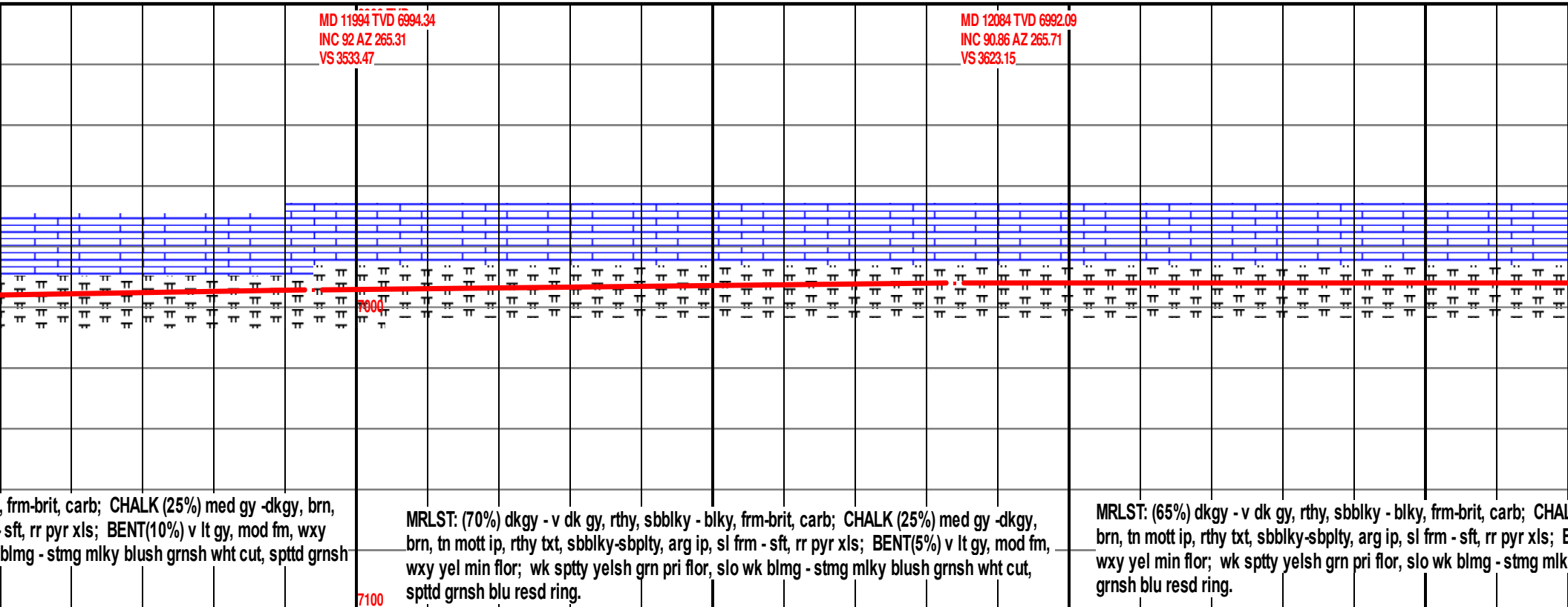
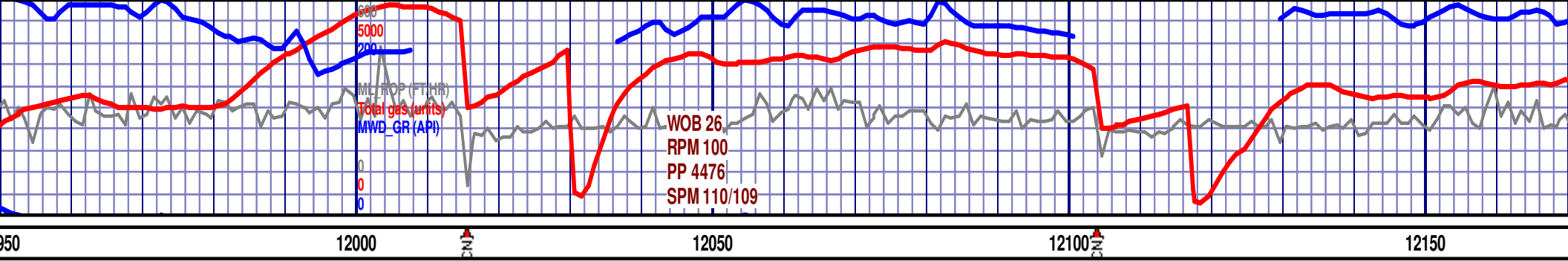


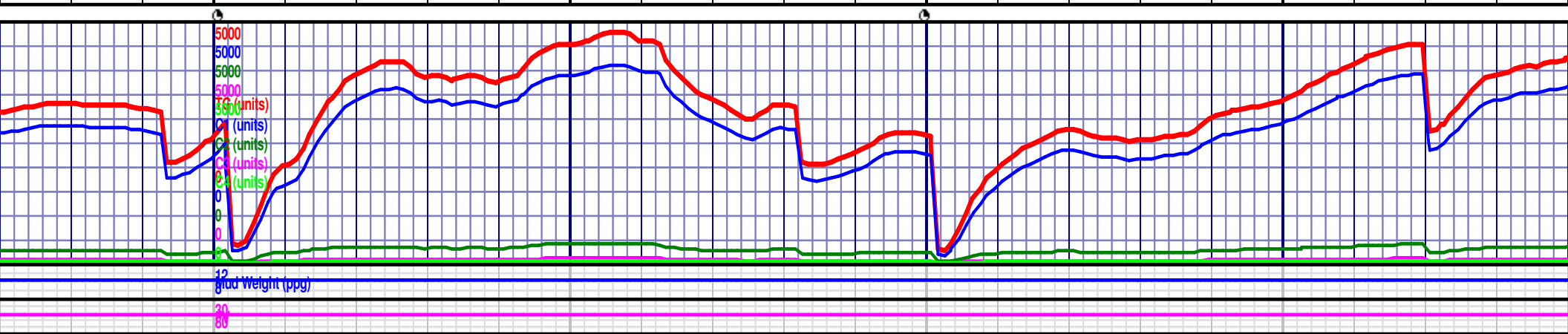
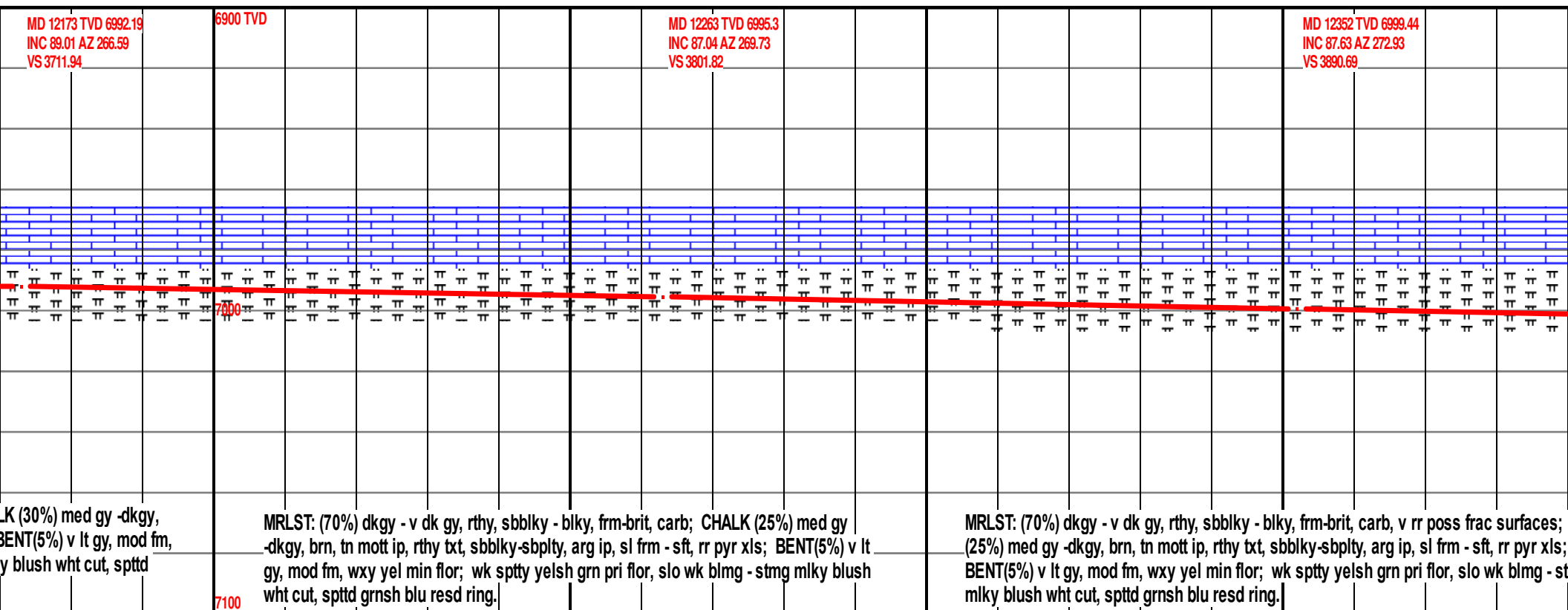
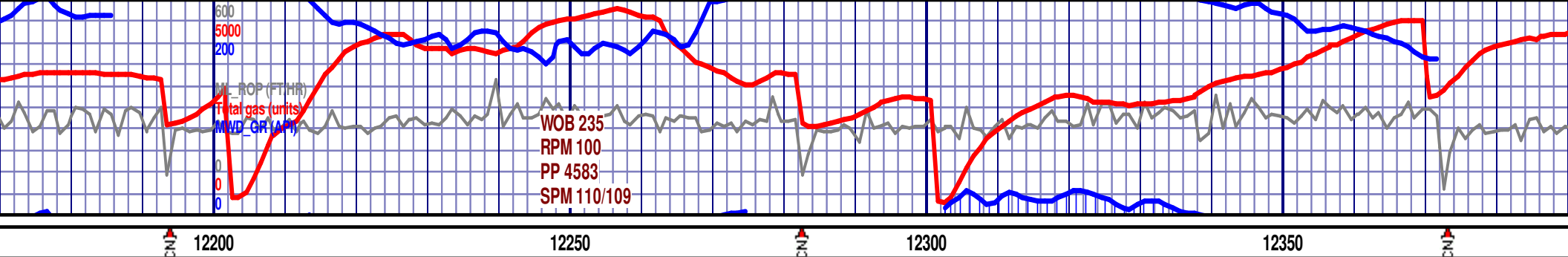
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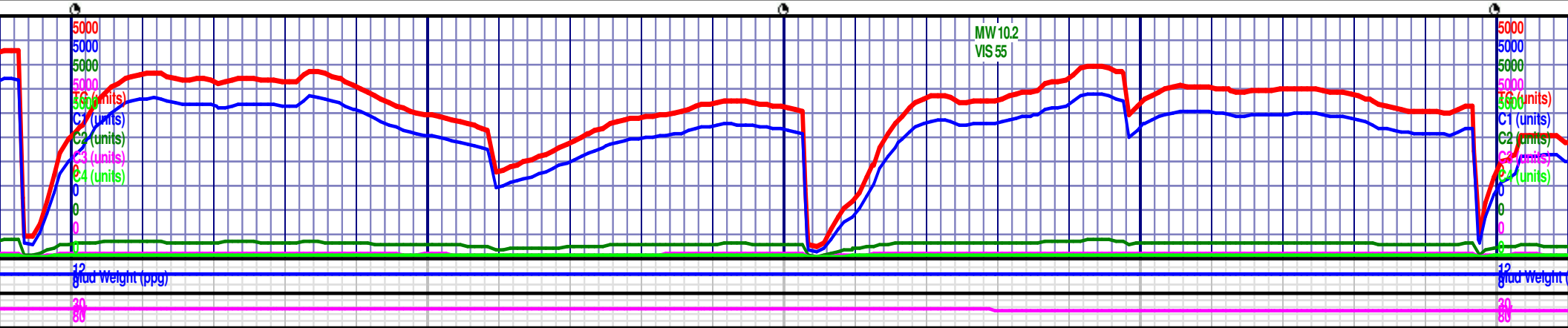
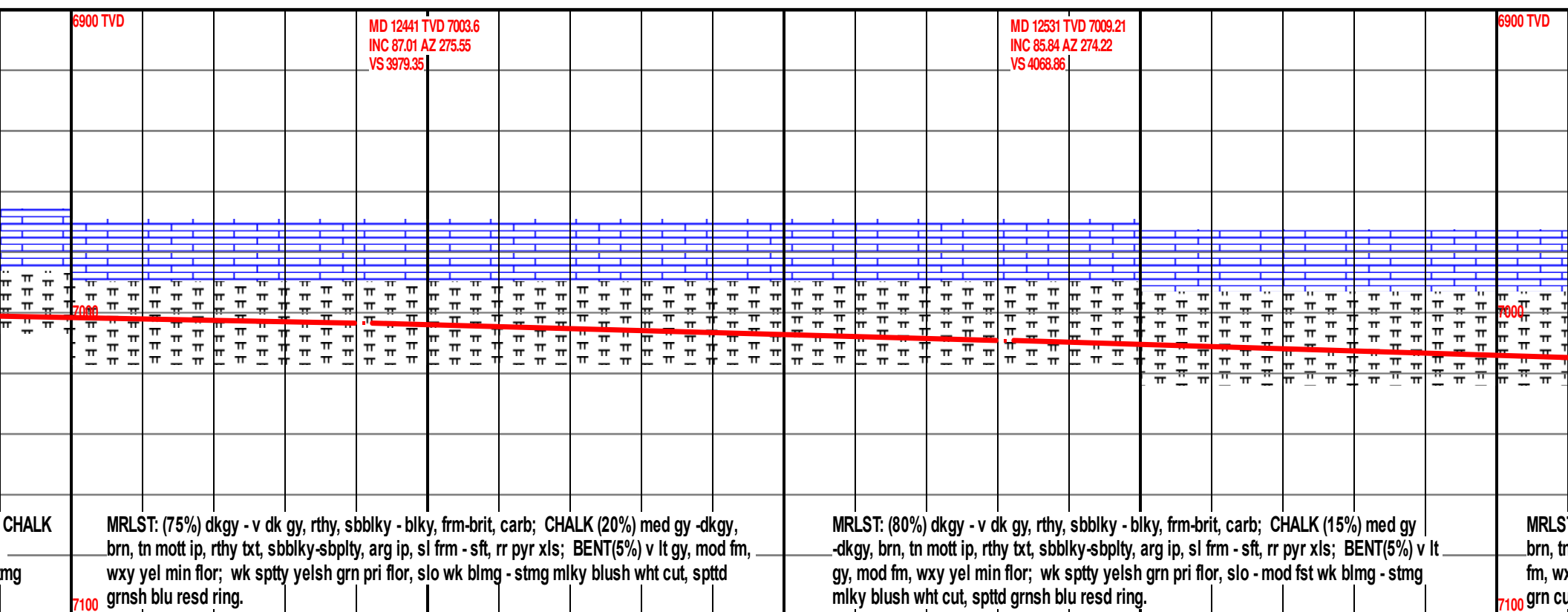
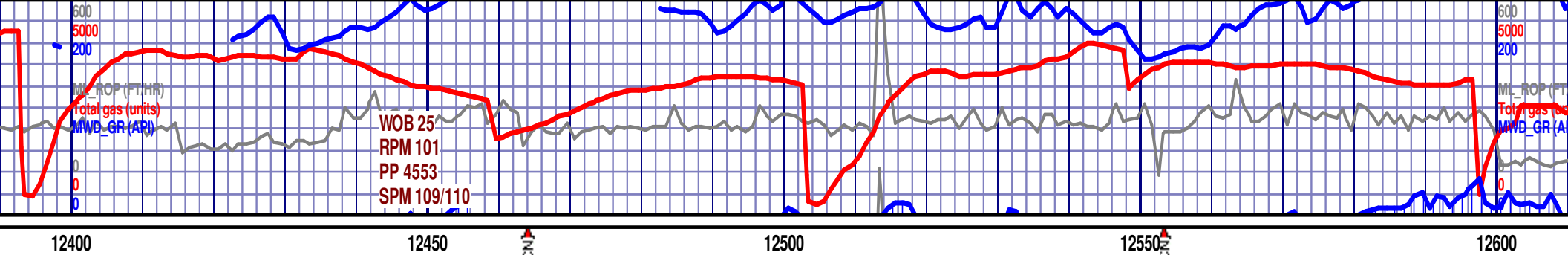
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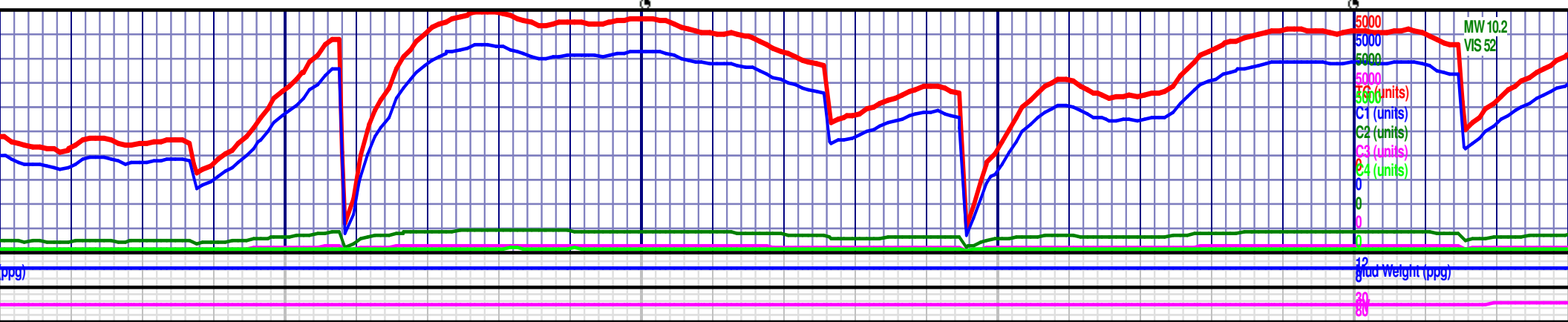
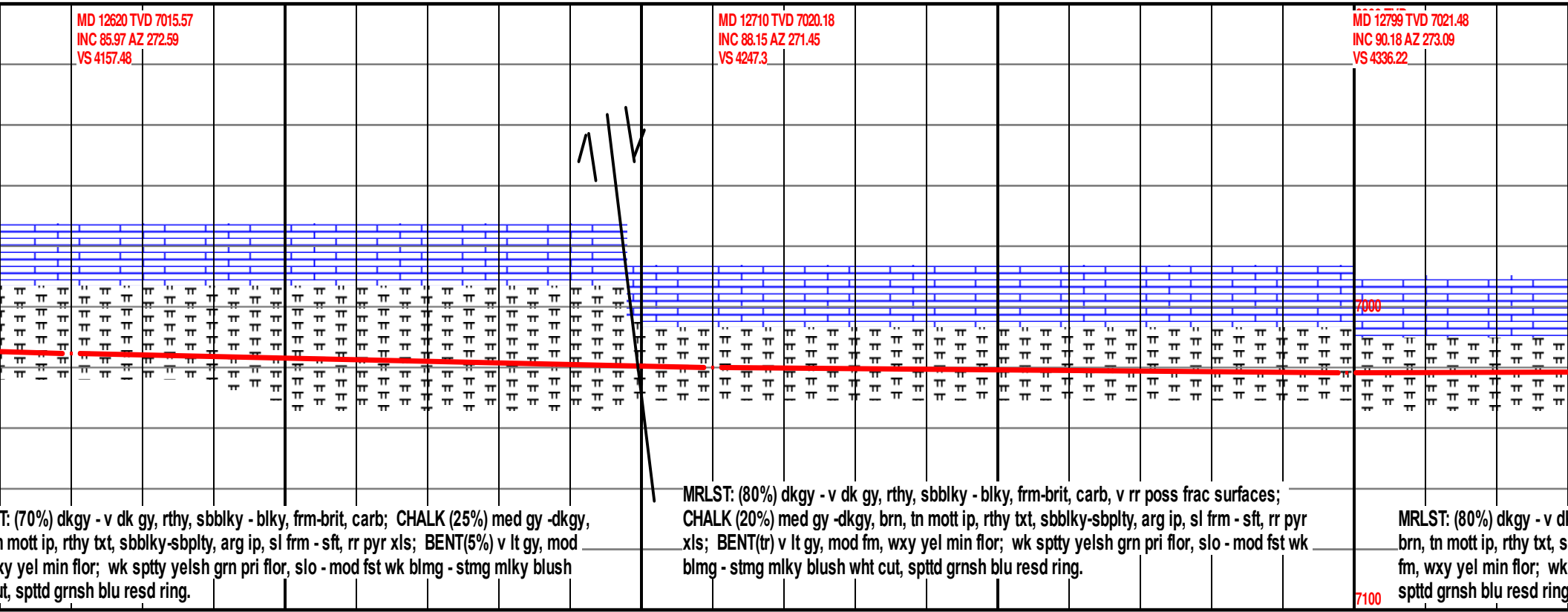
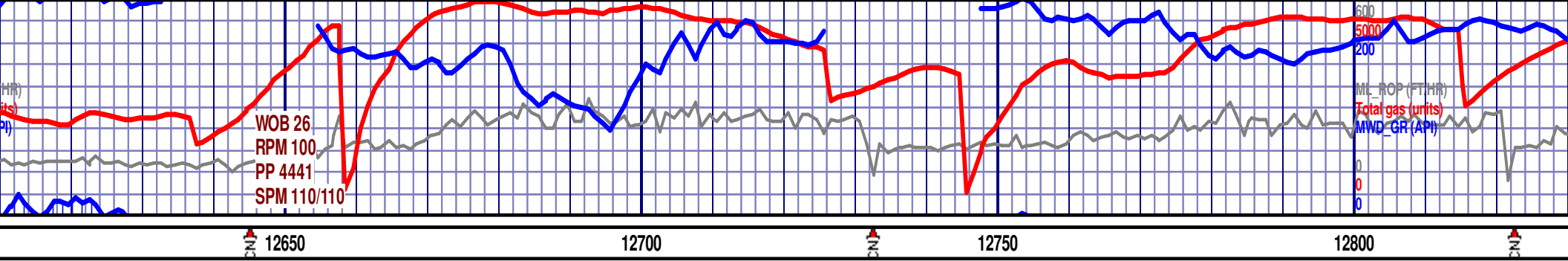
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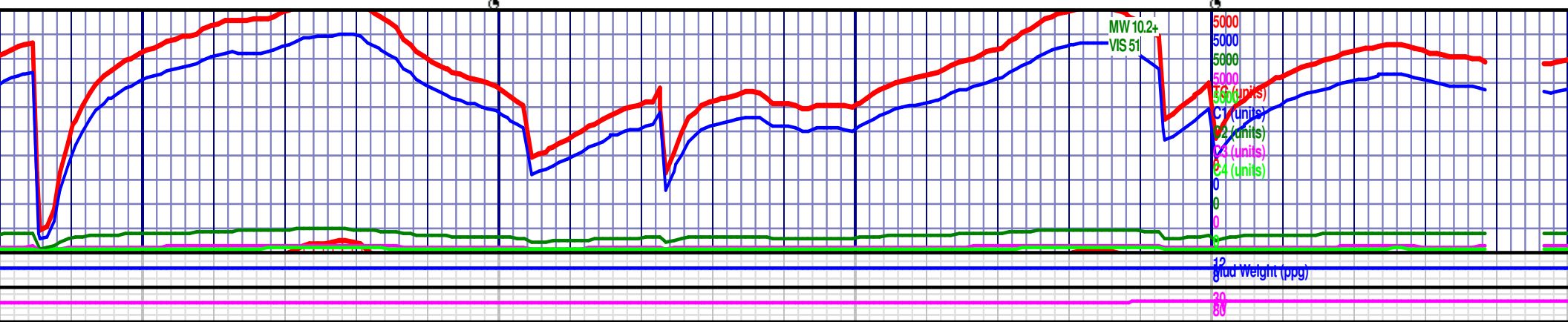
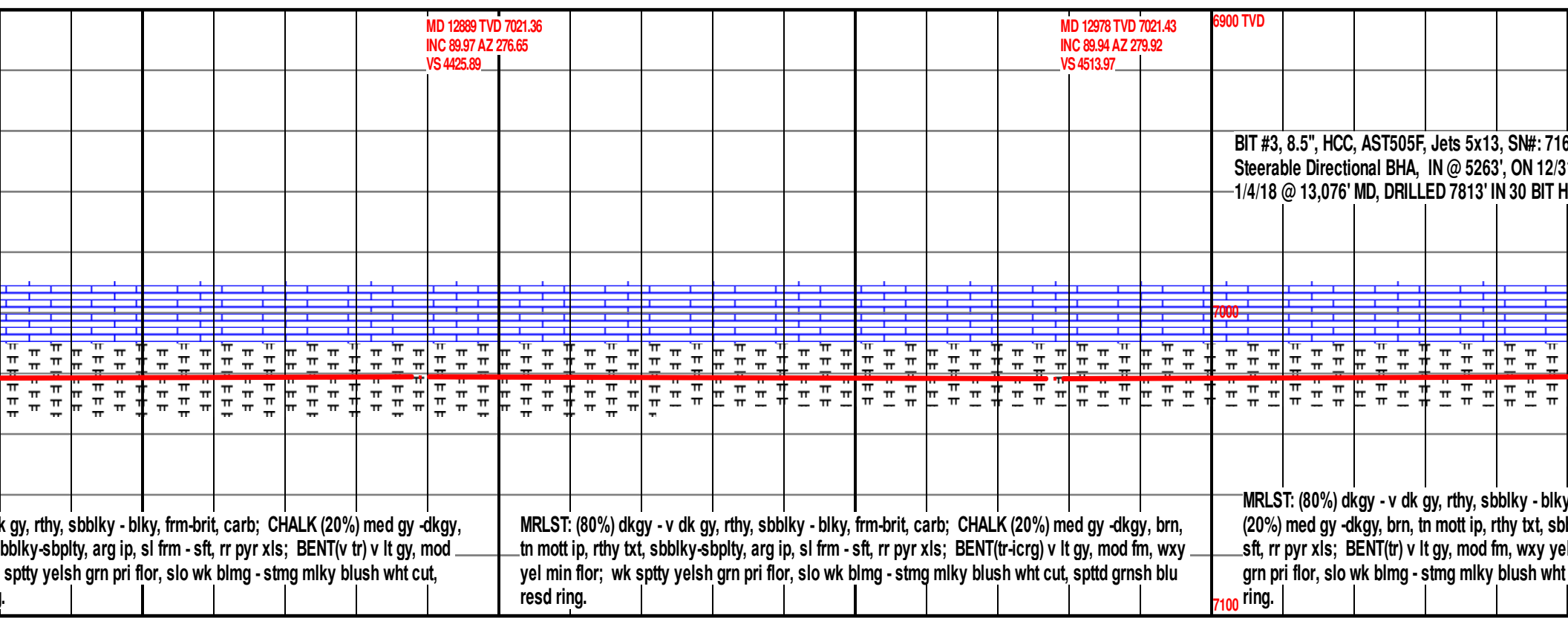
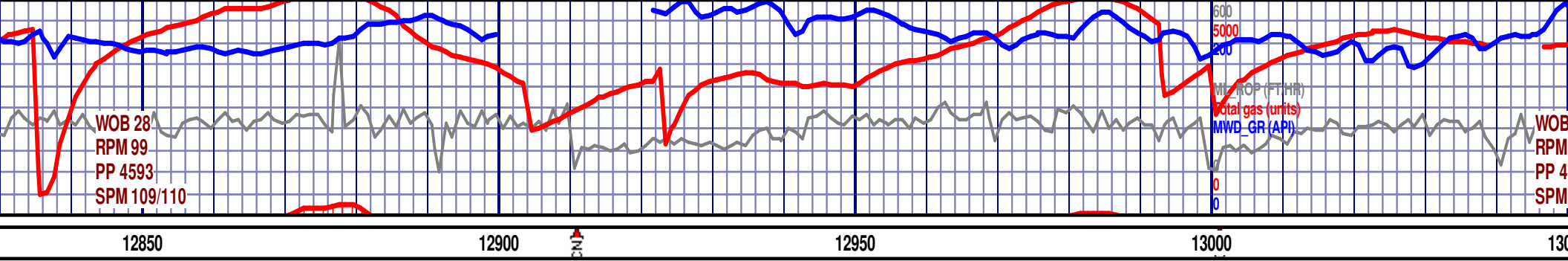


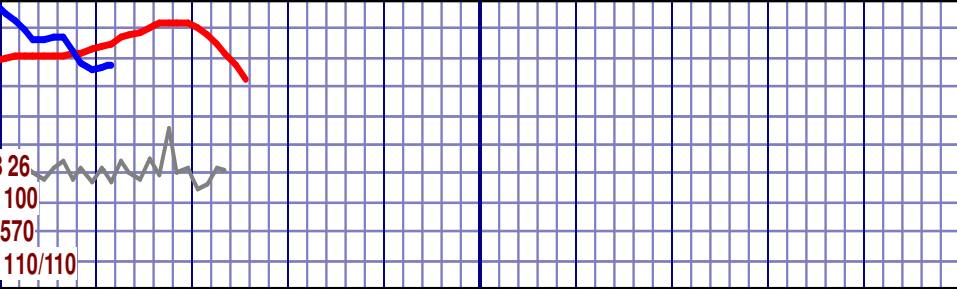





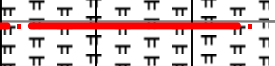








050 13100 13

MD 13052 TVD 7021.41 INC 90.09 AZ 279.49 VS 4586.93	MD 13076 TVD 7021.37 INC 90.09 AZ 279.49 VS 4610.61	Final survey is a projection to the bit.				
3654 Rotary 1/17, OUT ON R.	Formation Tops	MD	TVD	SSD		
	Sharon Springs Niobrara A Chalk Niobrara A Chalk Base	7606' 7688' 7750'	6944' 6972' 6983'	-2109' -2137' -2148'		
	Target Heel Target Toe	7878' 13056'	6995' 7021'	-2160' -2186'		
, frm-brit, carb; CHALK blky-sbply, arg ip, sl frm - l min flor; wk spty yelsh cut, spttd grnsh blu resd	TD of 13,076' reached at 13:25 on 1/4/2018					

