

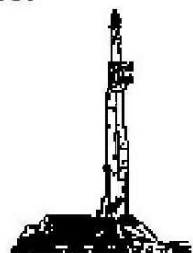
**GOOLSBY BROTHERS**  
and associates, inc.

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: Bost Farm 40N-8B-L  
API: 051234770100  
Location: Section 7, T5N, R66W, Weld County, CO.  
License Number:  
Spud Date: December 28, 2018  
Surface Coordinates: SWNW T5N, R66W Sec 7, 1497' FNL & 939' FWL  
LAT 40.417427 LONG -104.829014  
Bottom Hole Coordinates: SENE T5N, R66W Sec. 8, 2354' FNL & 391' FEL (EST)  
Ground Elevation (ft): 4,881'  
Logged Interval (ft): 6,900' To: 17,560'  
Formation: Pierre Shales/Sands, Sharon Springs, Niobrara "B" Chalk (Target)  
Type of Drilling Fluid: FW Surface, OBM Curve & Lateral

Region: Wattenberg  
Drilling Completed: December 31, 2018

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

**OPERATOR**

Company: SRC Energy Inc.  
Address: 1675 Broadway, Suite 2600  
Denver, Colorado 80202  
(720) 616-4300

**GEOLOGIST**

Name: Larry Goolsby & Brian Spitzmiller  
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

## Logs

PULSE MWD GR from 1,836' - 17546' MD

## Casing

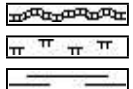
9 5/8" Surface Casing set @ 1,837' MD

5 1/2" Production Casing set @ 17,545' MD

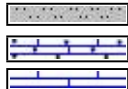
## Comments

- 1) Drilling Contractor: Precision Drilling, Rig #462  
Toolpusher: Cody Teeter, Joseph Credeur
- 2) Company Man: Steve Wilson, Buddy Davis  
Lovell Young, John Myers
- 3) Mud Company : Anchor USA  
Engineer: Tim Pattison, James Eckhardt
- 4) Directional Drilling: Baker Hughes Directional  
Rotary Steerable BHA  
Drillers: Dustin Tissaw, Matthew Leopold
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
- 6) SRC Geologist: Tony Williams

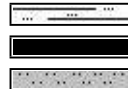
## ROCK TYPES



Bent  
Mrlst  
Shale



Sltst  
Carb chalk  
Chalk



Sltly sh  
Coal  
Sltst



Arg\_ss  
Ss  
Carb sh



Ls  
Sltly sh

## ACCESSORIES

### MINERAL

Anhy  
 Arggrn  
 Arg  
 Bent  
 Bit  
 Breclrag  
 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  
 Anhy  
 Arg  
 Bent  
 Coal  
 Dol  
 Gyp  
 Ls

Mrst  
 Sltstgr  
 Ssstgr

### TEXTURE

Boundst  
 Chalky  
 Cryxln  
 Earthy  
 Finexln  
 Grainst  
 Lithogr  
 Microxln  
 Mudst  
 Packst  
 Wackest

## OTHER SYMBOLS

### POROSITY TYPE

Earthy  
 Fenest  
 Fracture  
 Inter  
 Moldic  
 Organic  
 Pinpoint  
 Vuggy

### SORTING

Well  
 Moderate  
 Poor

### ROUNDING

Rounded  
 Subrnd  
 Subang

Angular

### OIL SHOWS

Even  
 Spotted  
 Ques  
 Dead  
 Vspotty  
 near even

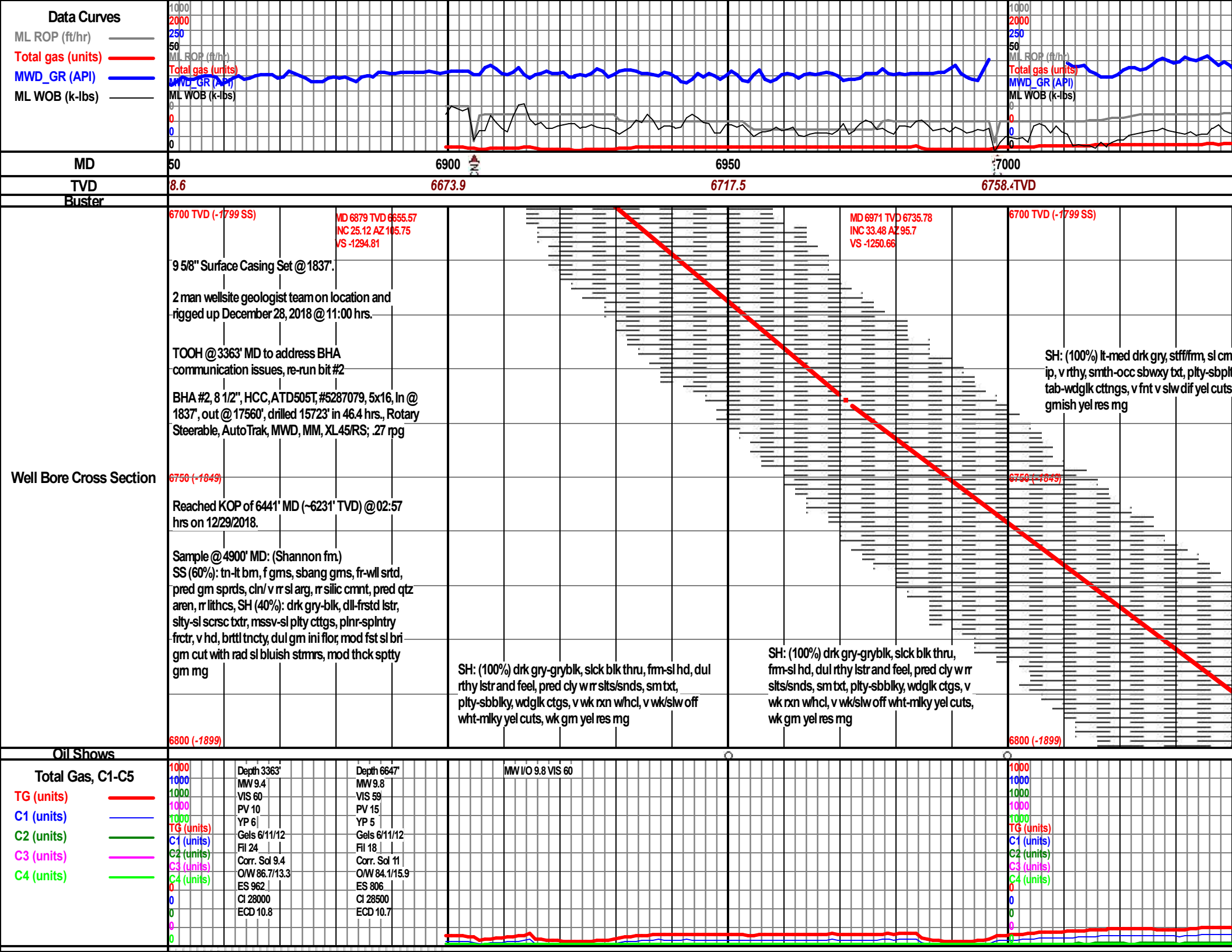
### INTERVALS

Core  
 Dst

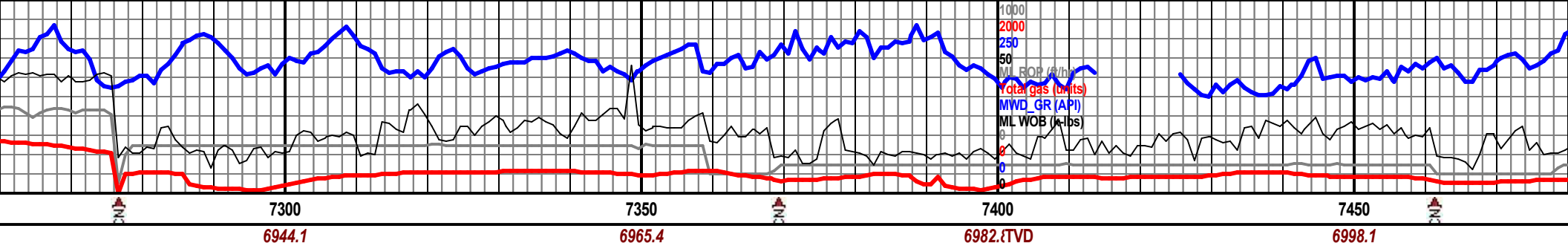
### EVENTS

Casing shoe\_hzl  
 Trip\_point\_1  
 Off bottom  
 conn

Survey(mwd)  
 Survey(red)  
 bit







6922.23  
6.62

MD 7343  
INC 66.31  
VS -96.4

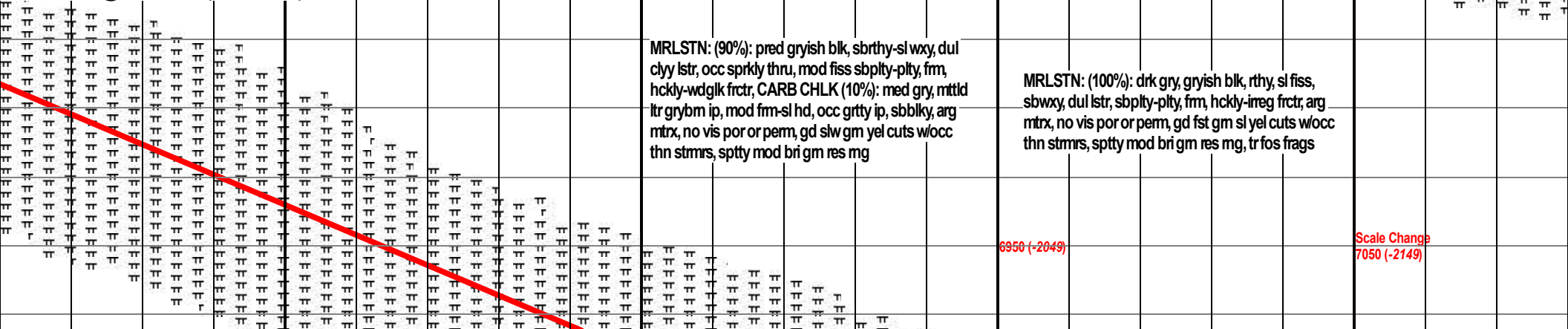
TVD 6962.98  
AZ 94.29

6900 TVD (-1999 SS)

MD 7435 TVD 6995.0  
INC 72.88 AZ 92.08  
VS -878.06

7000 TVD (-2099 SS)

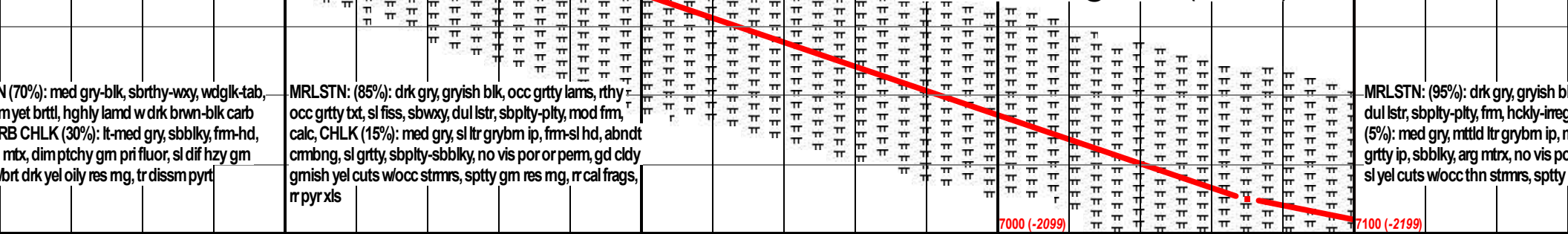
### Chalk Base @ 7232' MD (6913' TVD)



MRLSTN: (90%): pred gryish blk, sbtrthy-sl wxy, dul cly lstr, occ sprkly thru, mod fiss sbply-pty, frm, hckly-wdglk frctr, CARB CHLK (10%): med gry, mttld ltr grybm ip, mod frm-sl hd, occ grtty ip, sbbiky, arg mtrx, no vis por or perm, gd slw gm yel cuts w/occ thn stmr, sppty mod bri gm res mg

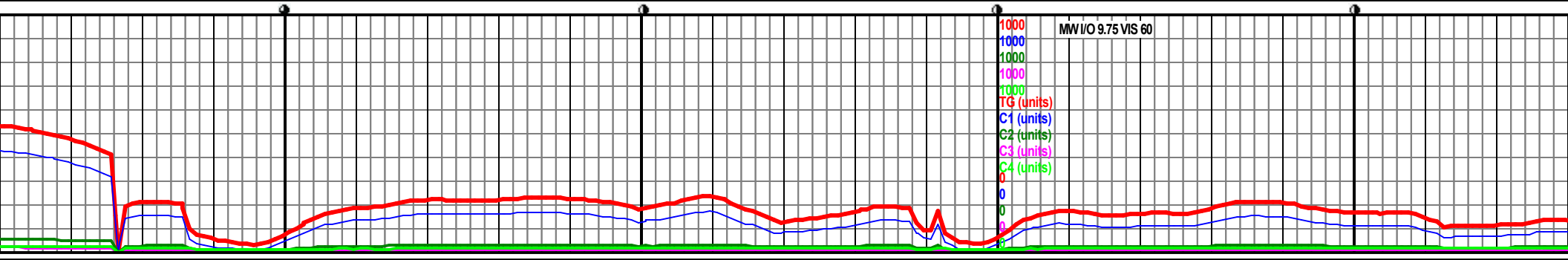
MRLSTN: (100%): drk gry, gryish blk, rthy, sl fiss, sbwxy, dul lstr, sbply-pty, frm, hckly-irreg frctr, arg mtrx, no vis por or perm, gd fst gm sl yel cuts w/occ thn stmr, sppty mod bri gm res mg, r fos frags

### Niobrara A Chalk "M" @ 7392' MD (6981' TVD)



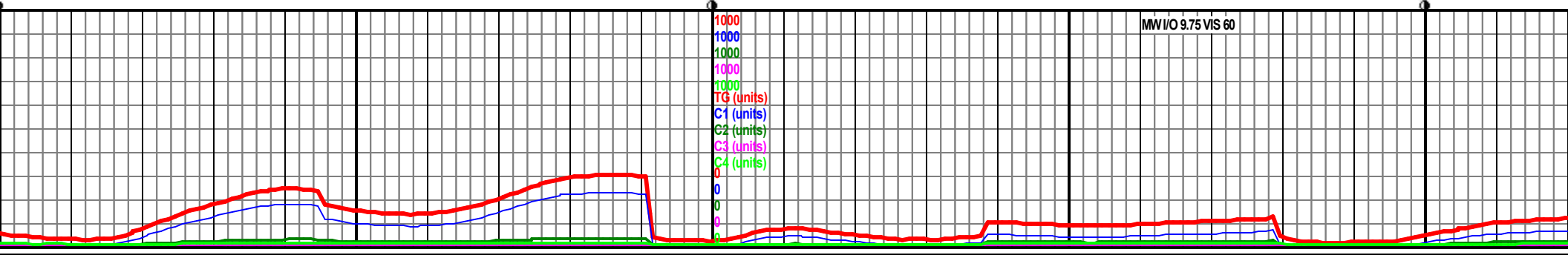
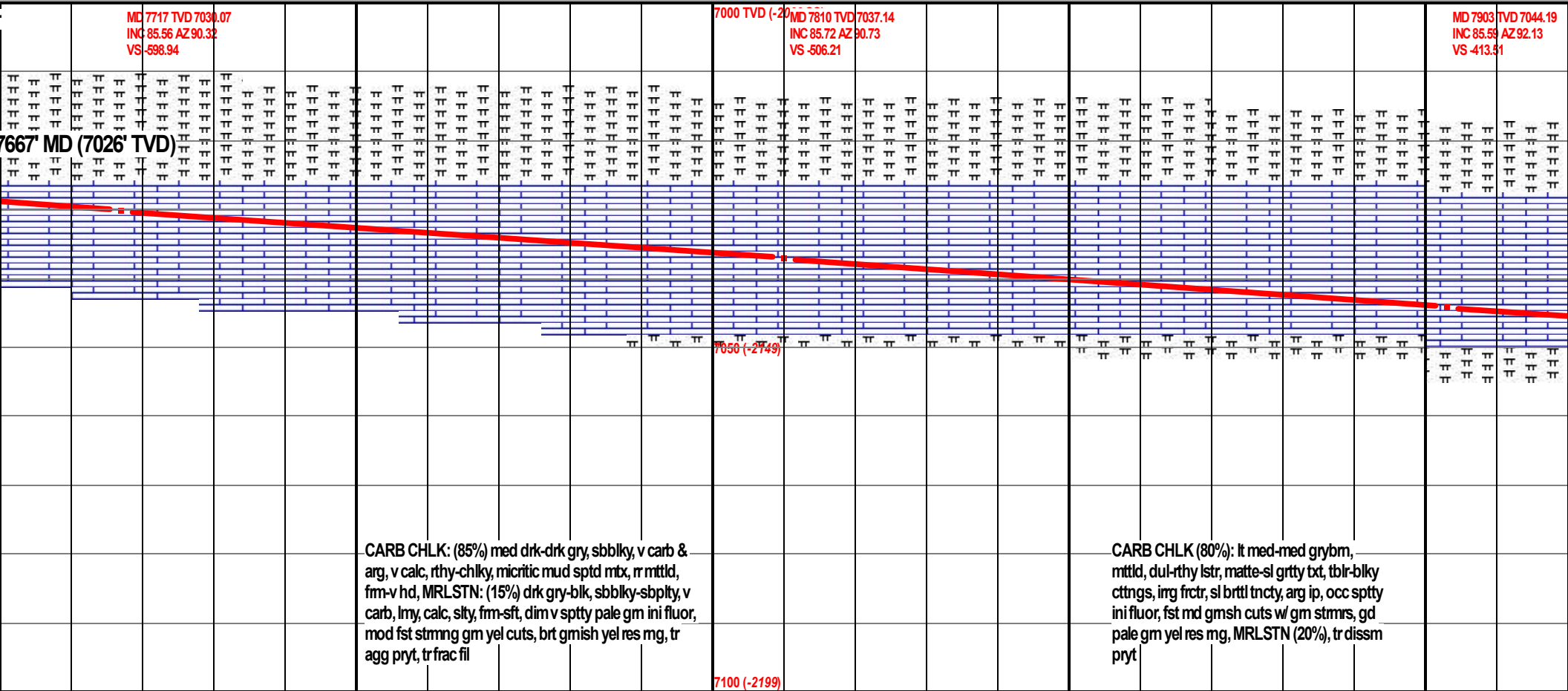
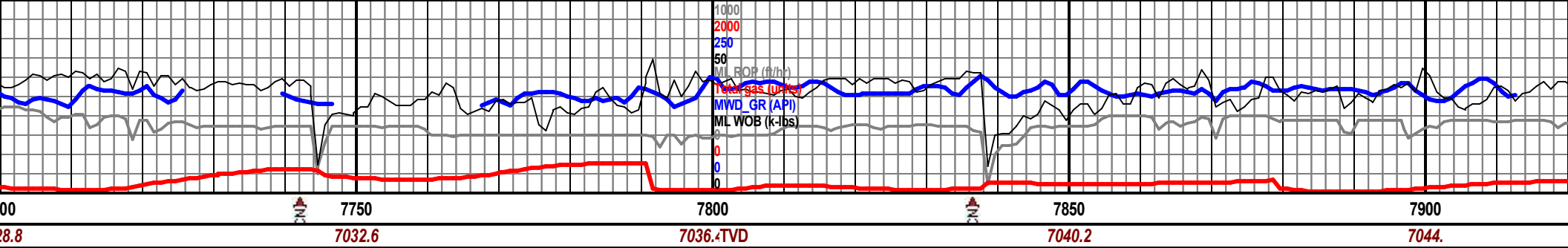
MRLSTN: (85%): drk gry, gryish blk, occ grtty lams, rthy, occ grtty txt, sl fiss, sbwxy, dul lstr, sbply-pty, mod frm, calc, CHLK (15%): med gry, sl ltr grybm ip, frm-sl hd, abndt cmbng, sl grtty, sbply-sbbiky, no vis por or perm, gd cldy gmish yel cuts w/occ stmr, sppty gm res mg, r cal frags, r pyr xls

MRLSTN: (95%): drk gry, gryish blk, dul lstr, sbply-pty, frm, hckly-irreg (5%): med gry, mttld ltr grybm ip, n grtty ip, sbbiky, arg mtrx, no vis por sl yel cuts w/occ thn stmr, sppty

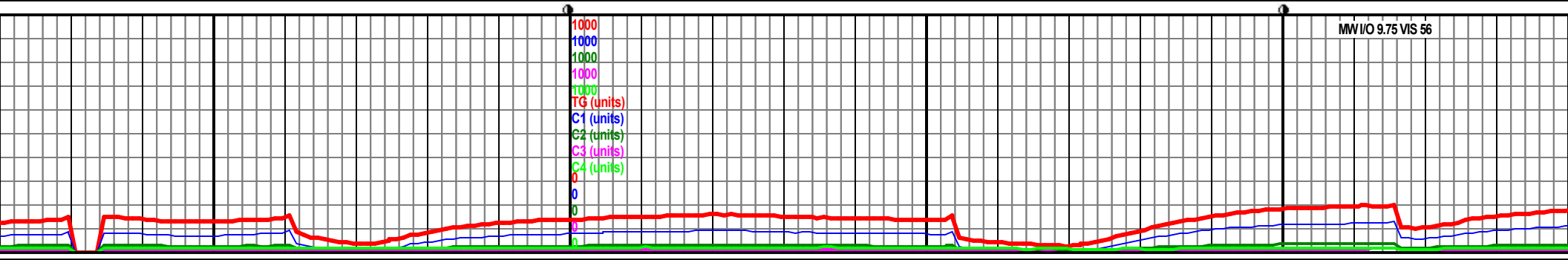
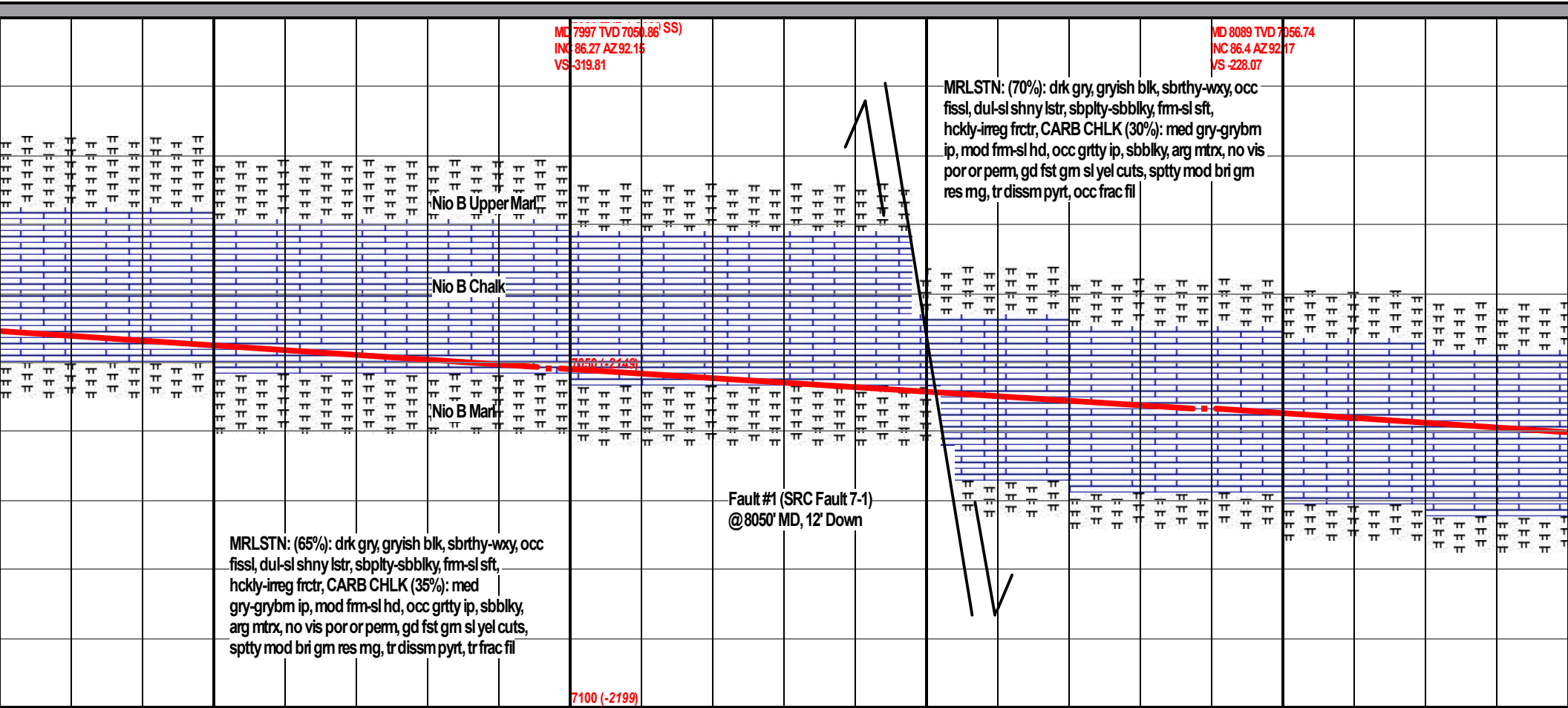
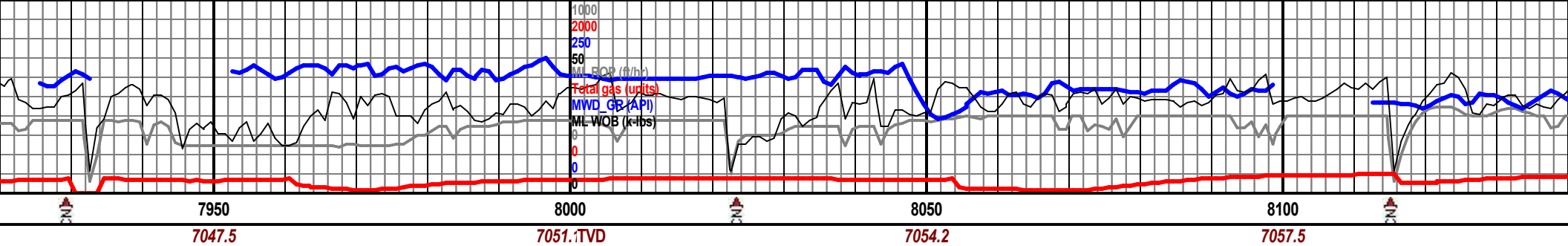




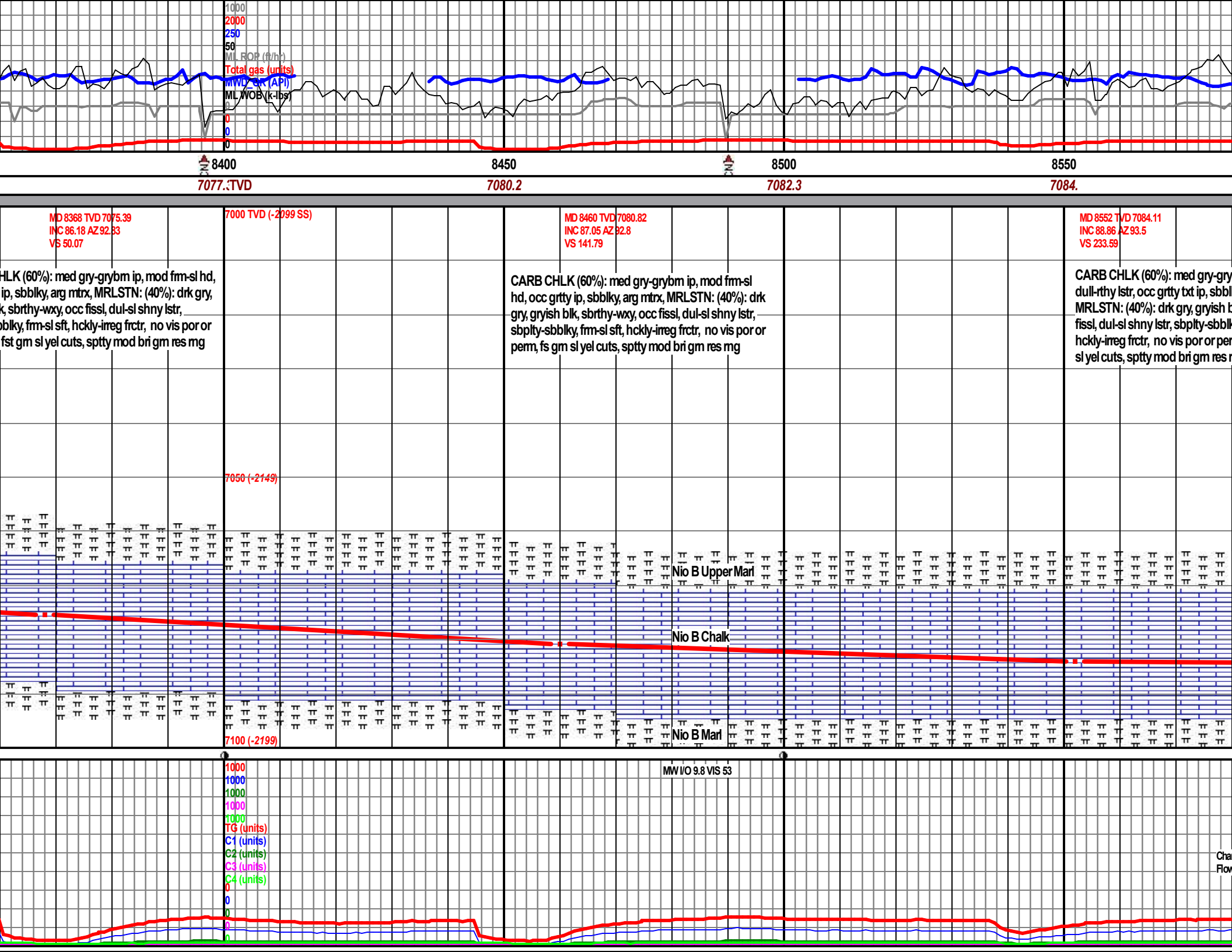




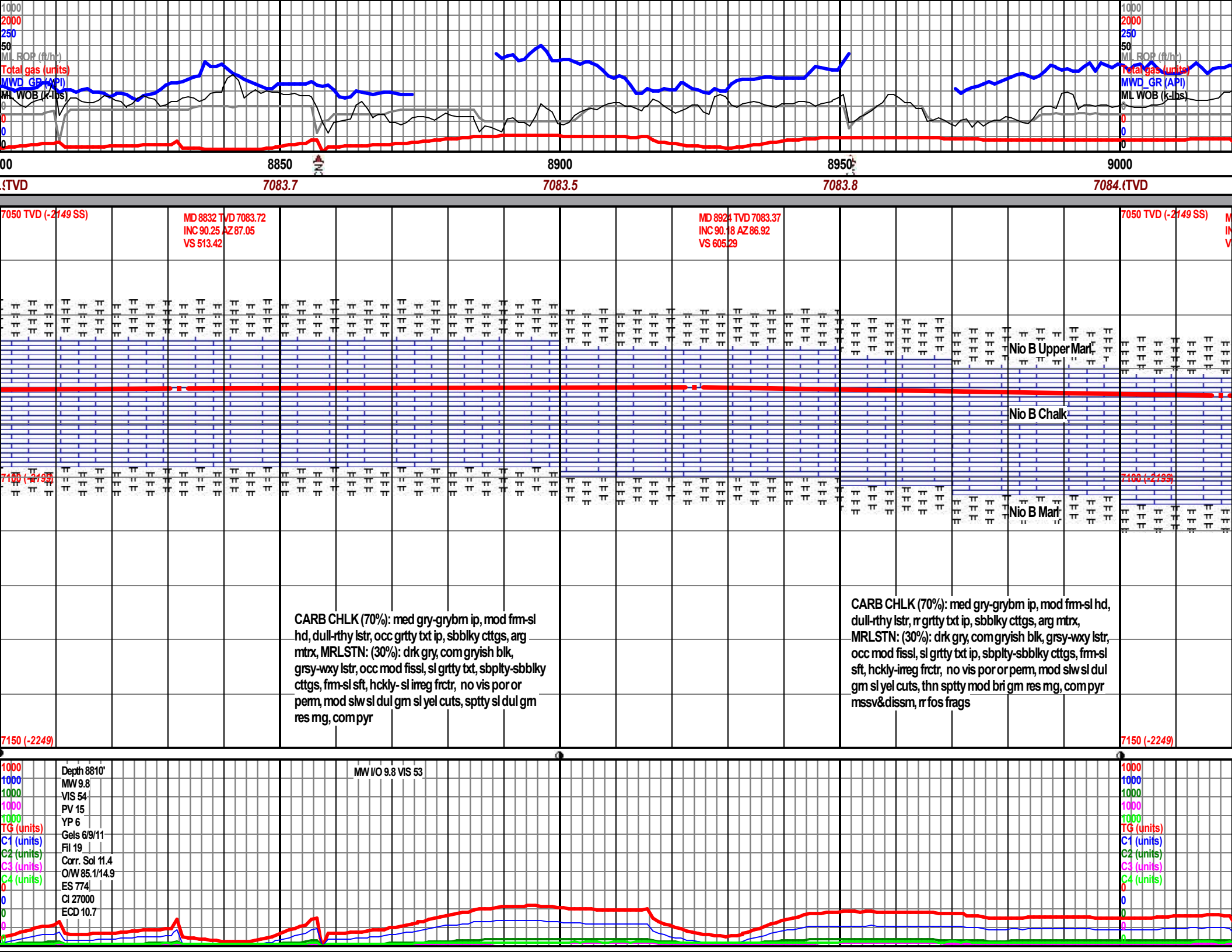


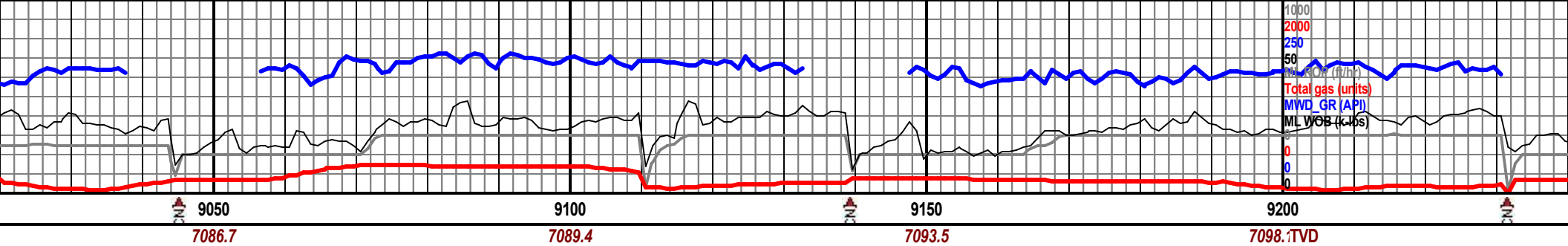










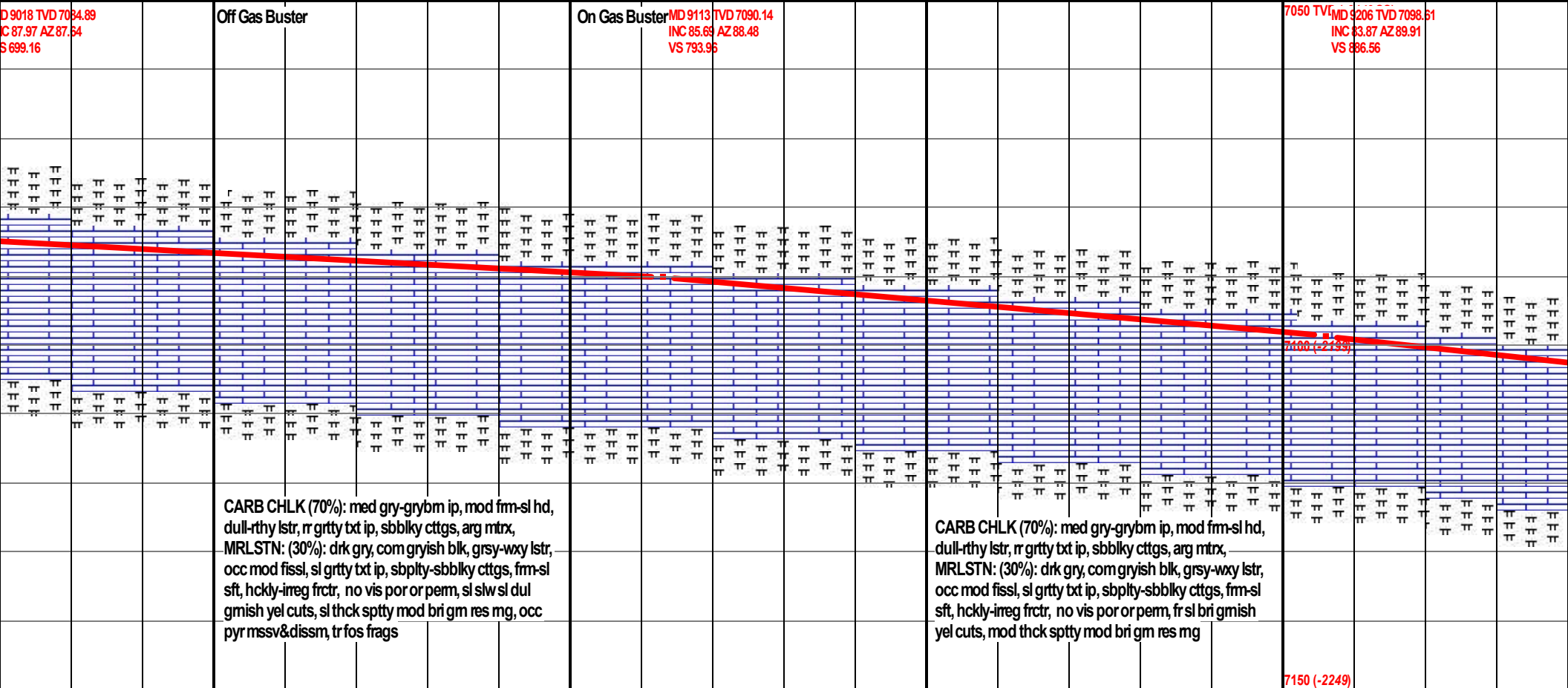


D 9018 TVD 7084.89  
C 87.97 AZ 87.54  
S 699.16

Off Gas Buster

On Gas Buster MD 9113 TVD 7090.14  
INC 85.69 AZ 88.48  
VS 793.95

7050 TVD MD 9206 TVD 7098.51  
INC 43.87 AZ 89.91  
VS 886.56

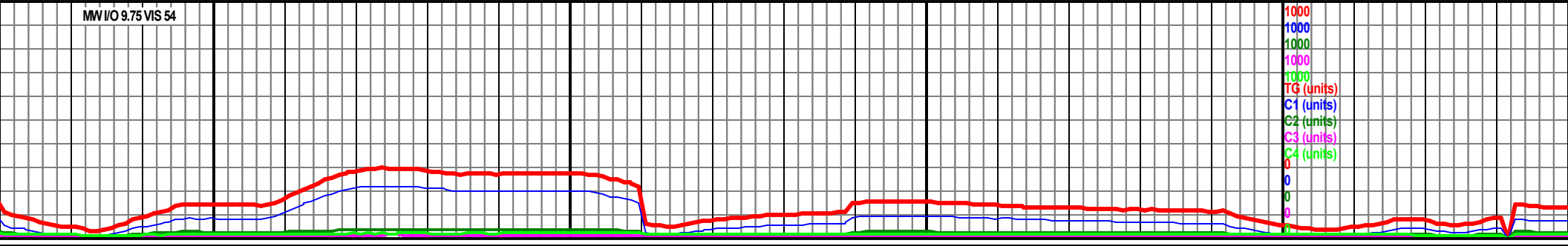


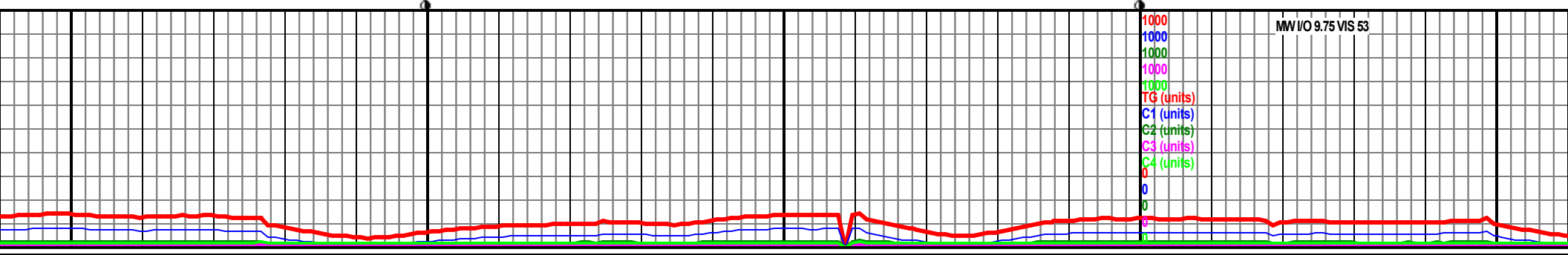
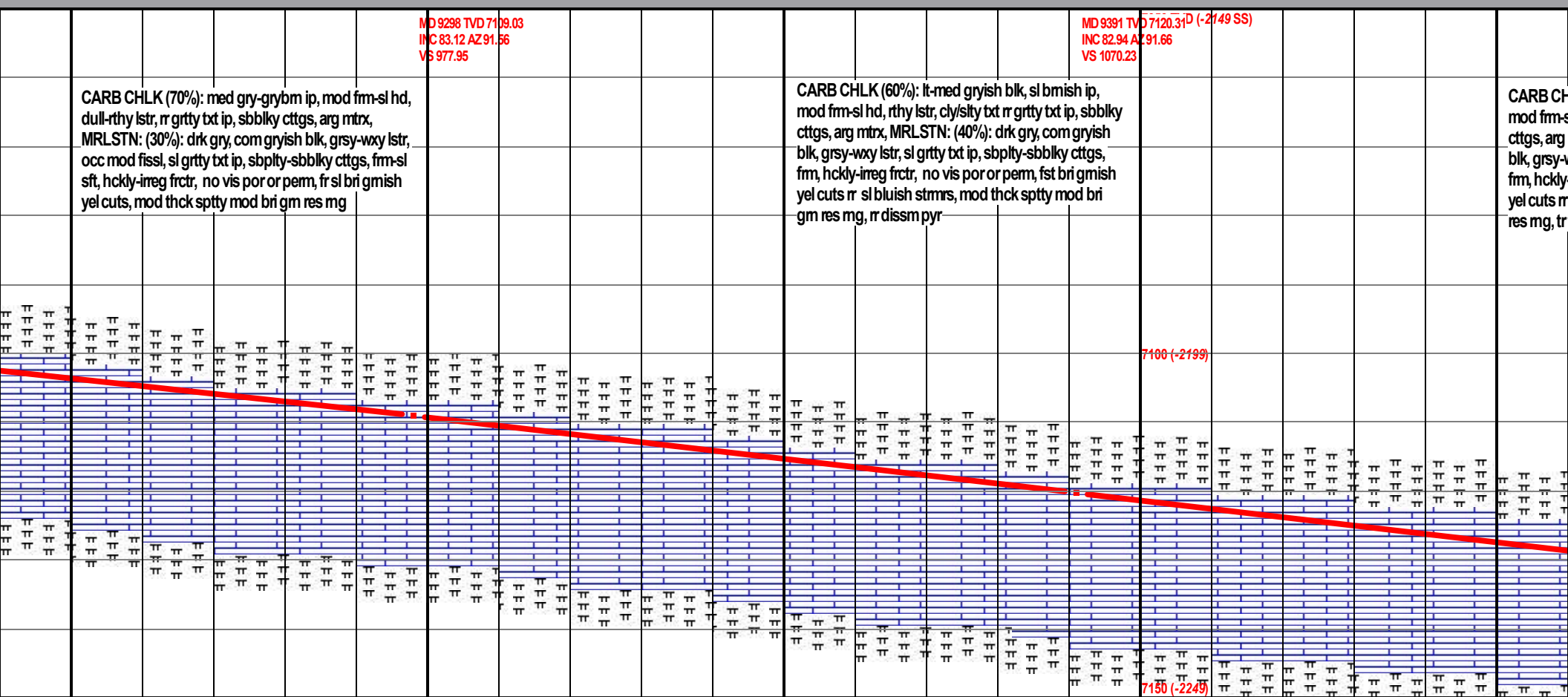
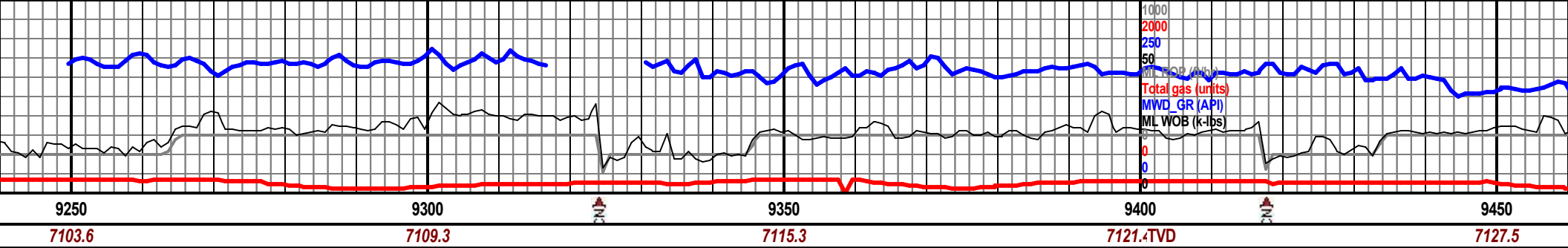
CARB CHLK (70%): med gry-grybm ip, mod frm-sl hd,  
duil-rthy lstr, rr grtty txt ip, sbblky ctggs, arg mtrx,  
MRLSTN: (30%): drk gry, com gryish blk, grsy-wxy lstr,  
occ mod fissl, sl grtty txt ip, sbply-sbblky ctggs, frm-sl  
sft, hckly-ireg frctr, no vis por or perm, sl slw sl dul  
gmish yel cuts, sl thck sptty mod bri gm res mg, occ  
pyr mssv&dissem, tr fos frags

CARB CHLK (70%): med gry-grybm ip, mod frm-sl hd,  
duil-rthy lstr, rr grtty txt ip, sbblky ctggs, arg mtrx,  
MRLSTN: (30%): drk gry, com gryish blk, grsy-wxy lstr,  
occ mod fissl, sl grtty txt ip, sbply-sbblky ctggs, frm-sl  
sft, hckly-ireg frctr, no vis por or perm, fr sl bri gmish  
yel cuts, mod thck sptty mod bri gm res mg

MW I/O 9.75 VIS 54

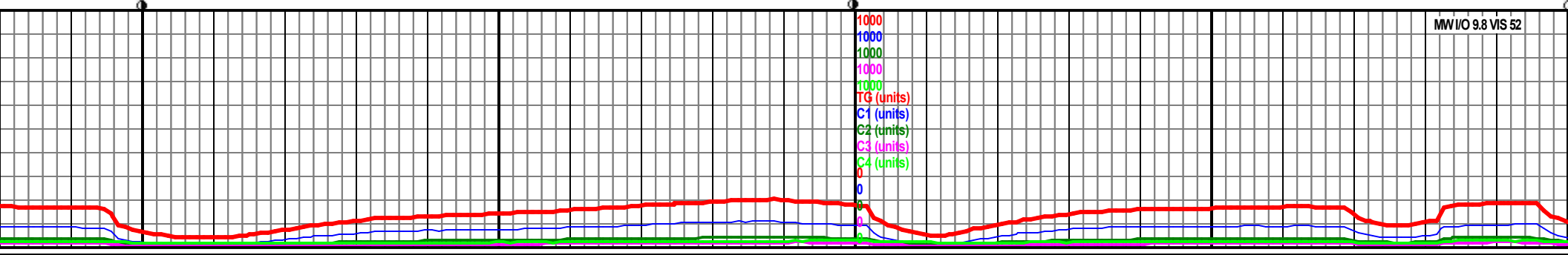
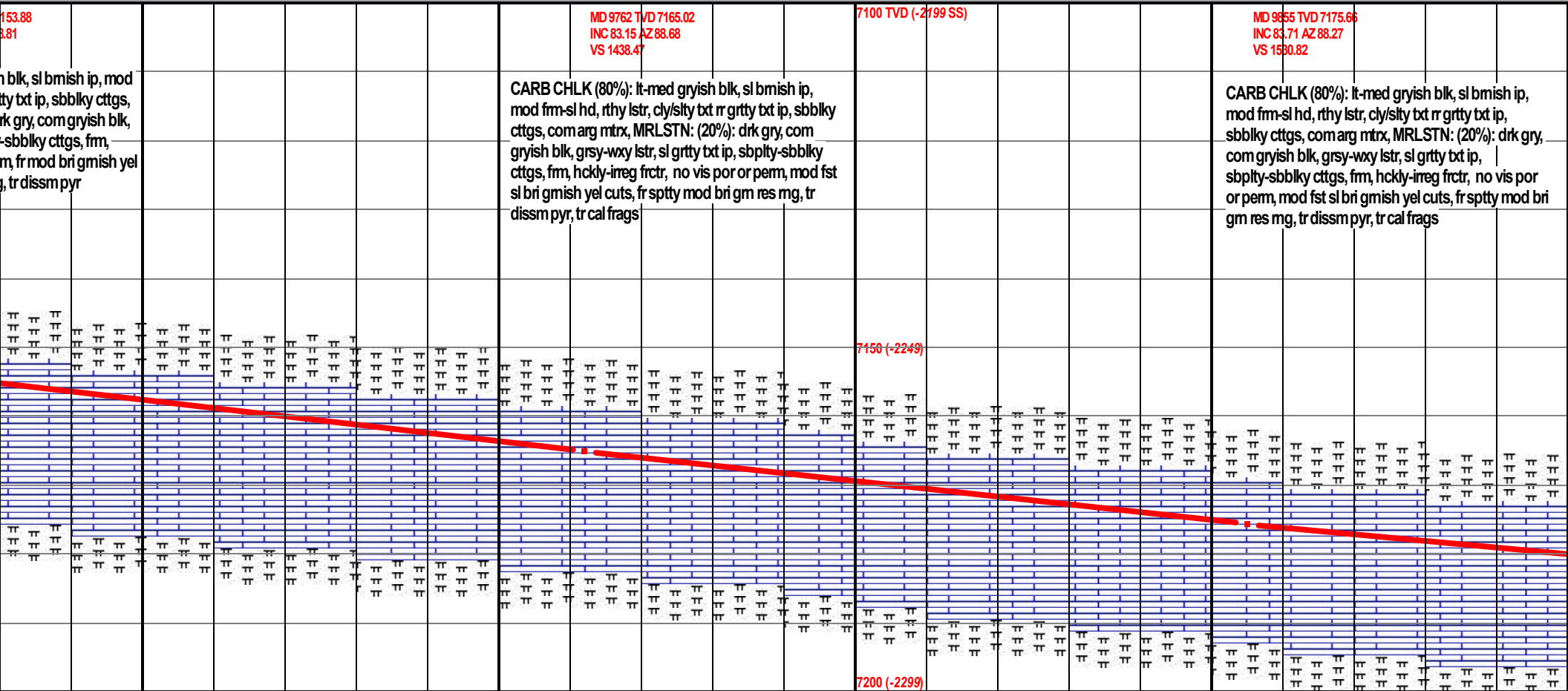
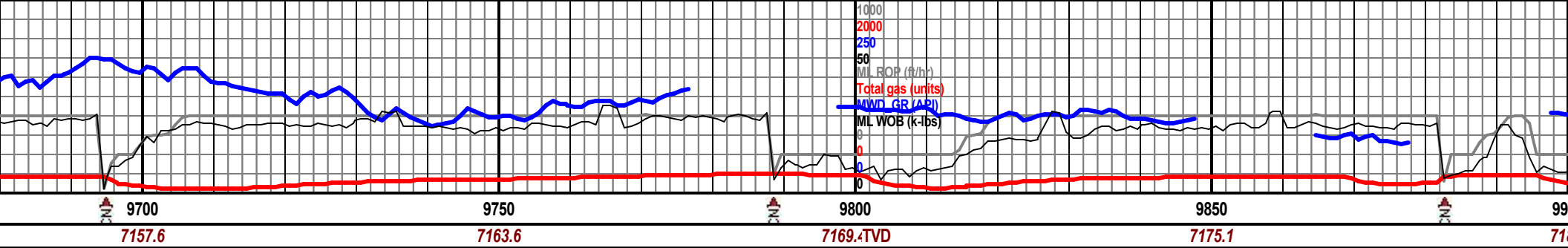
1000  
1000  
1000  
1000  
1000  
1000  
TG (units)  
C1 (units)  
C2 (units)  
C3 (units)  
C4 (units)

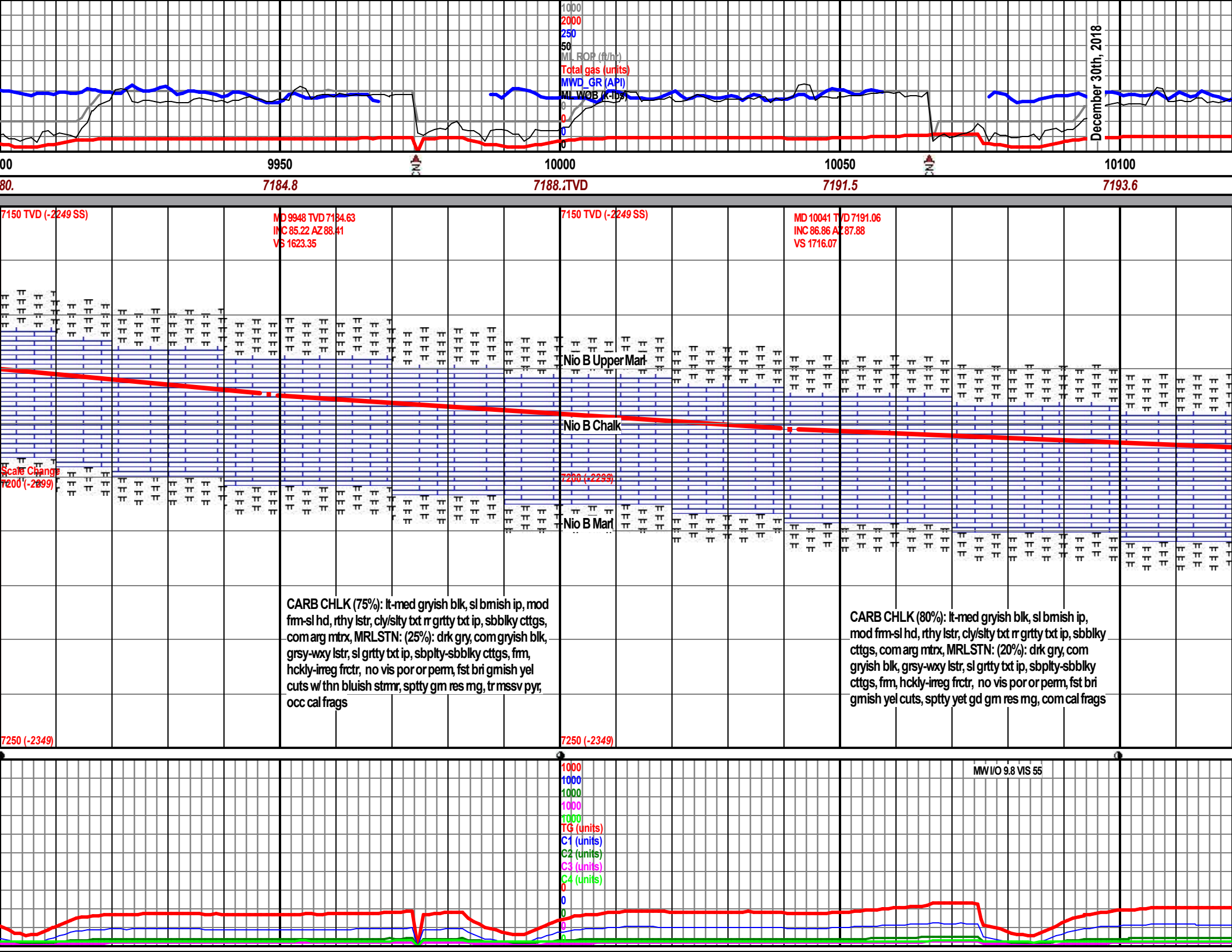






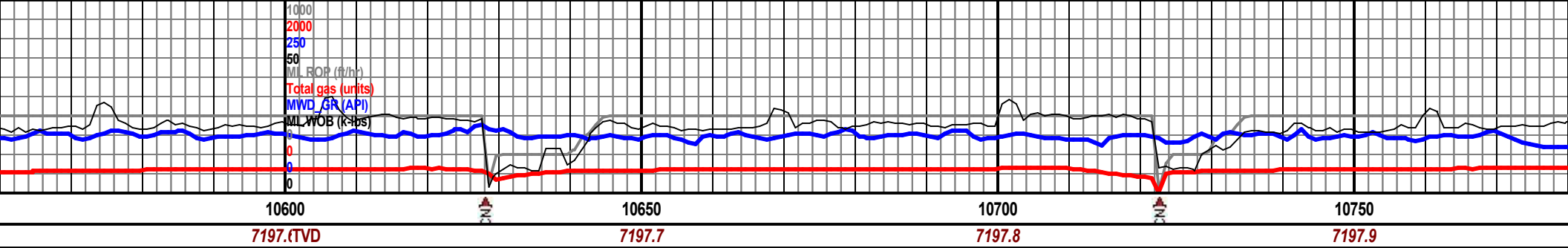




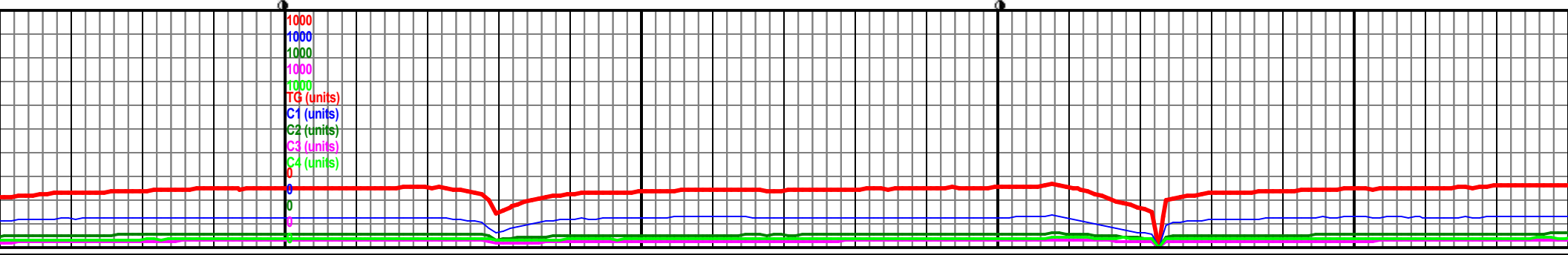


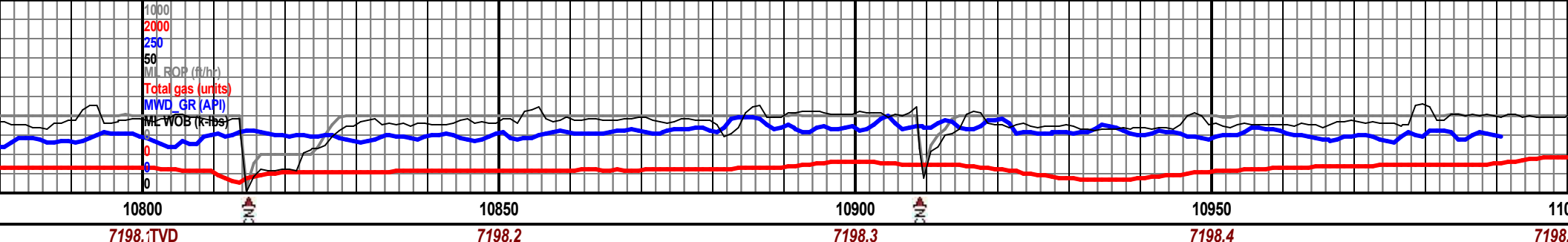




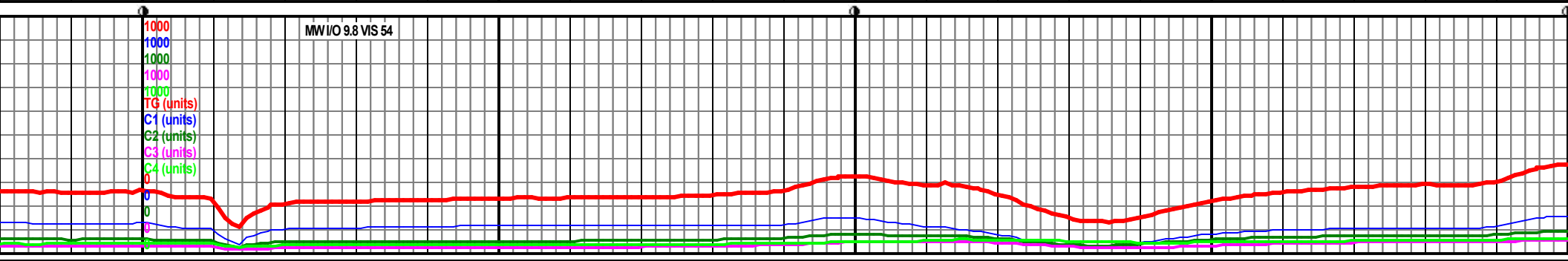


7150 MD 10603 TVD 7197.59 INC 89.91 AZ 90.94 VS 2277.78										MD 10697 TVD 7197.81 INC 89.82 AZ 90.68 VS 2371.77									
7206 (-2293)																			
CARB CHLK (95%): lt-lt med gry, micritic, dul-rthy lstr, irg-hcky frctr, brttl & ncty, mod cln, sl arg ip, v wk spty ini fluor, fst m yel cuts w/ occ stmrs, pale gm res mg fl, (5%), tr frc fil										CARB CHLK (95%): lt-lt med gry, micritic, dul-rthy lstr, matte-sl grtty txt, mssv-tablr ctgs, irg-hcky frctr, brttl & v cmbly tncty, mod cln, sl arg ip, v wk spty ini fluor, fst wk -md gm yel cuts w/ occ stmrs, pale gm res mg fl, MRLSTN (5%), tr frc fil									
7250 (-2349)										CARB CHLK (98%): v lt-lt gry, abn spcks, matte/chlky txt, dll-rthy lstr, frctr, stff-cmchy tncty, semi cln, m spty dim pri fluor, cldy gmsh yel pale gm res mg, petri odor, MARL									



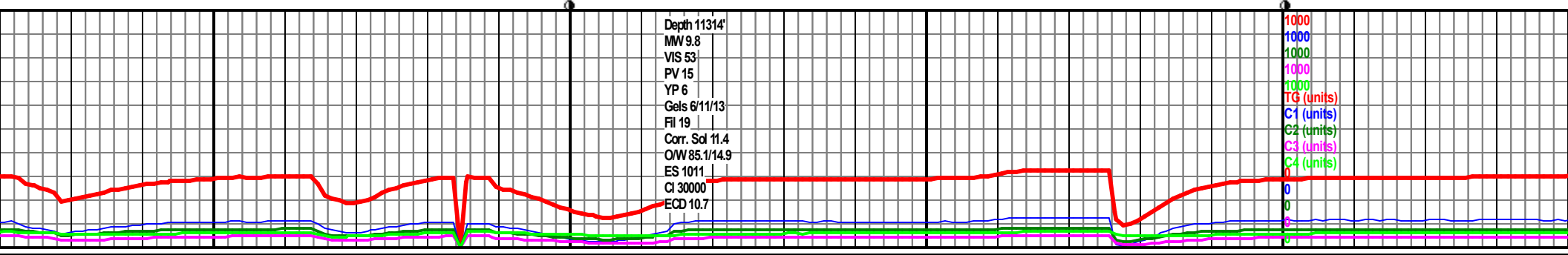
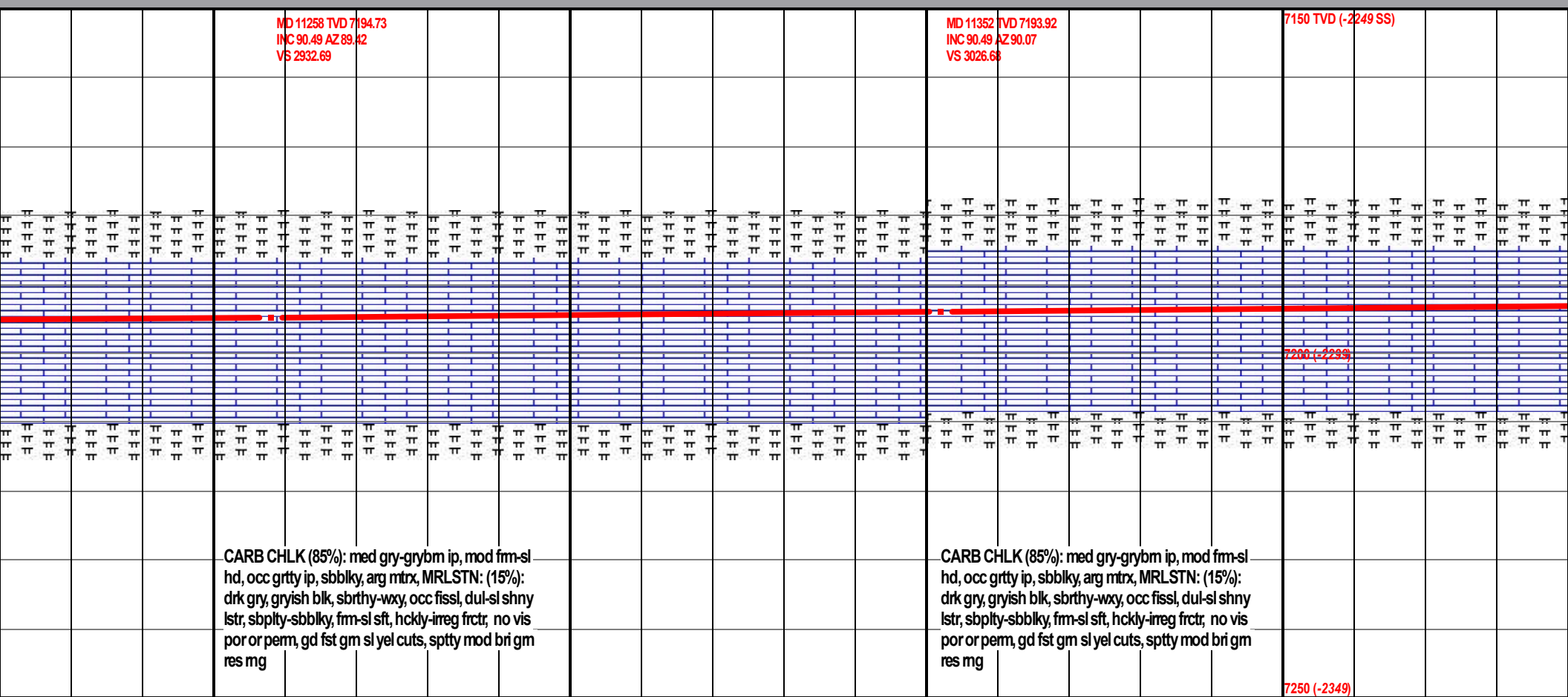
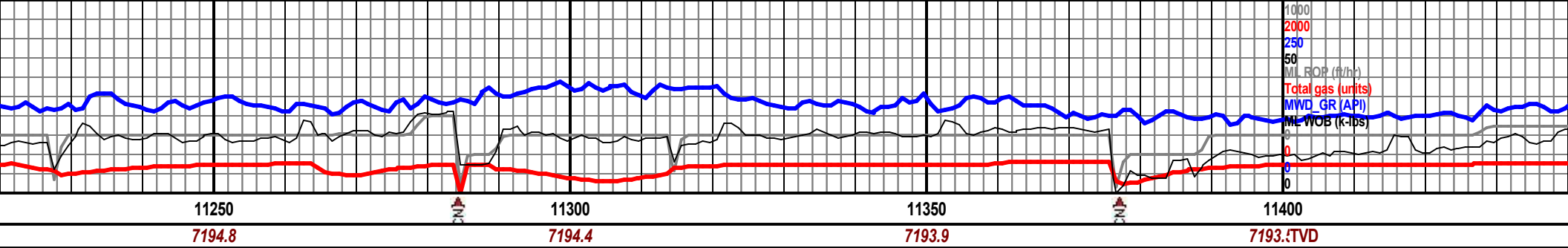


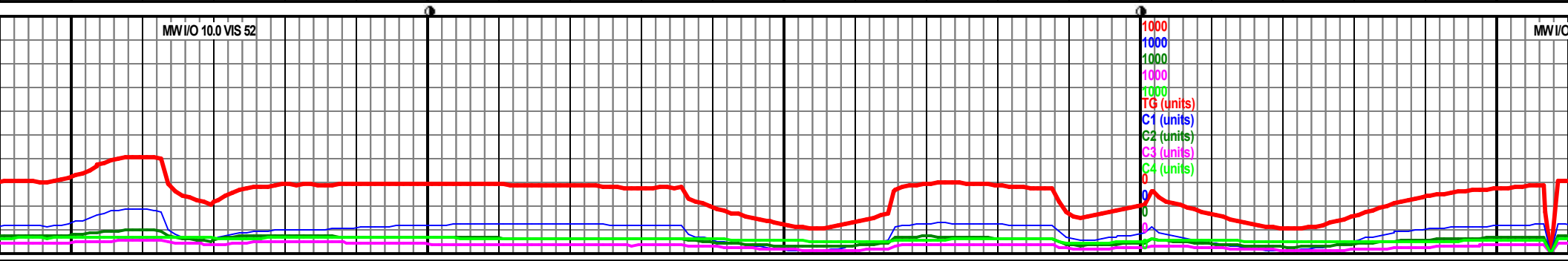
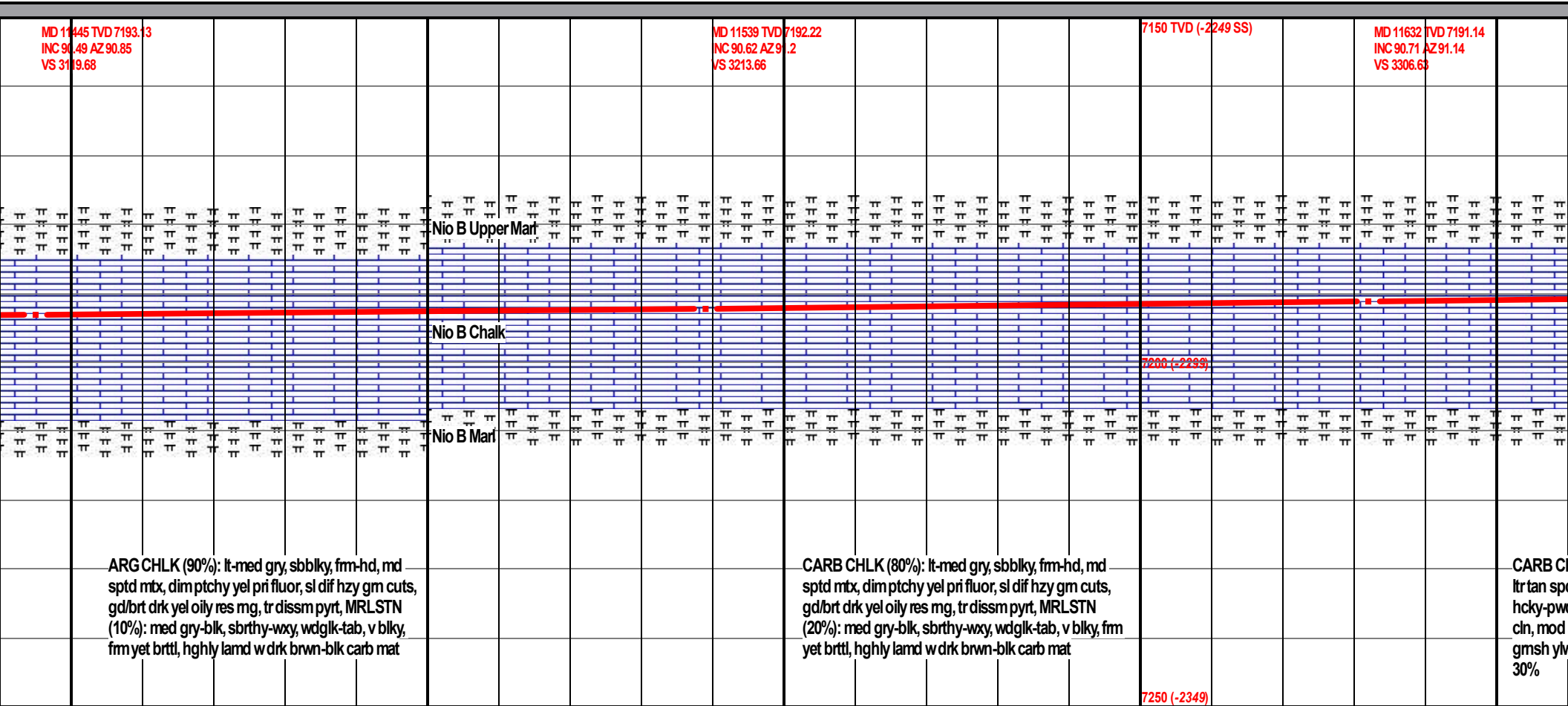
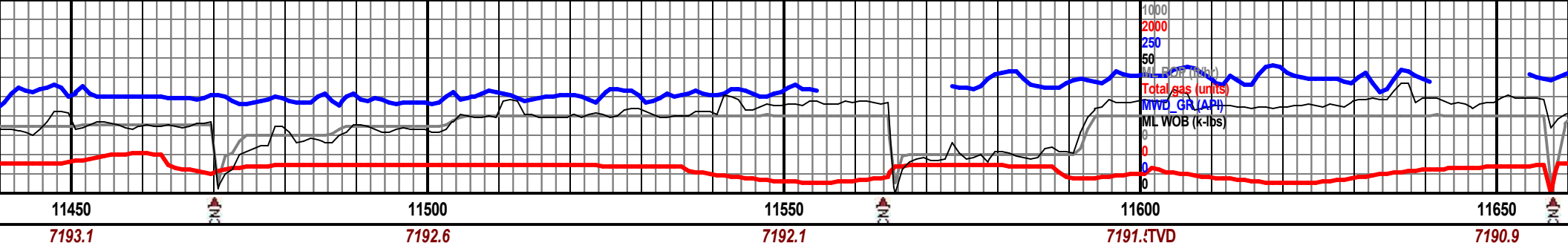
MD 10790 TVD 7198.05D (-2249 SS) INC 89.88 AZ 90.78 VS 2464.76										MD 10883 TVD 7198.27 INC 89.88 AZ 90.86 VS 2557.75										MD 10977 TVD 7198.49 INC 89.88 AZ 89.74 VS 2651.75									

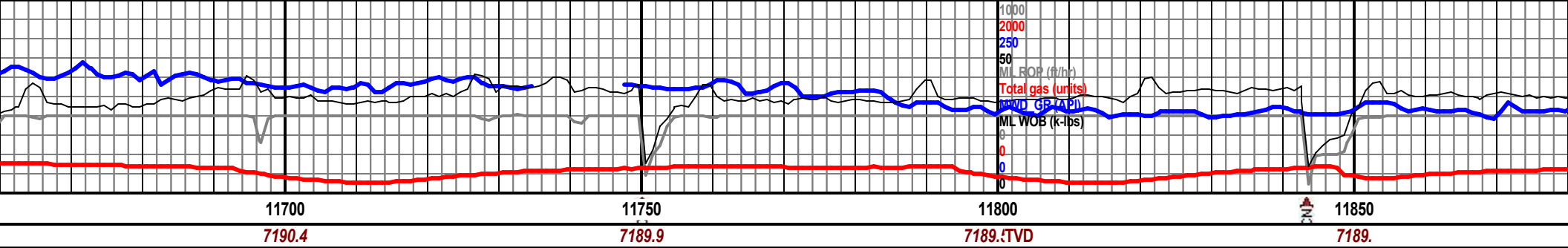




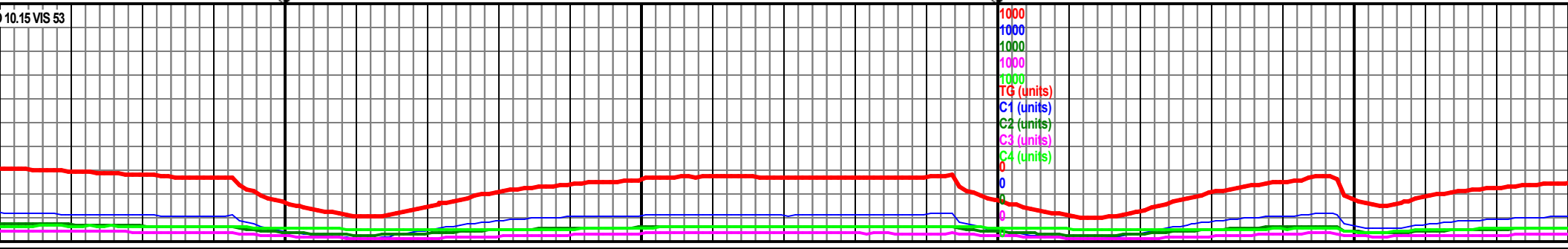


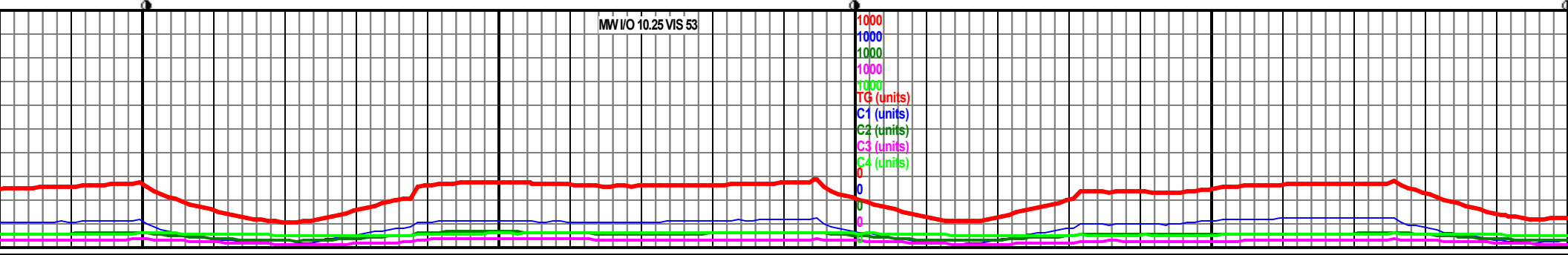
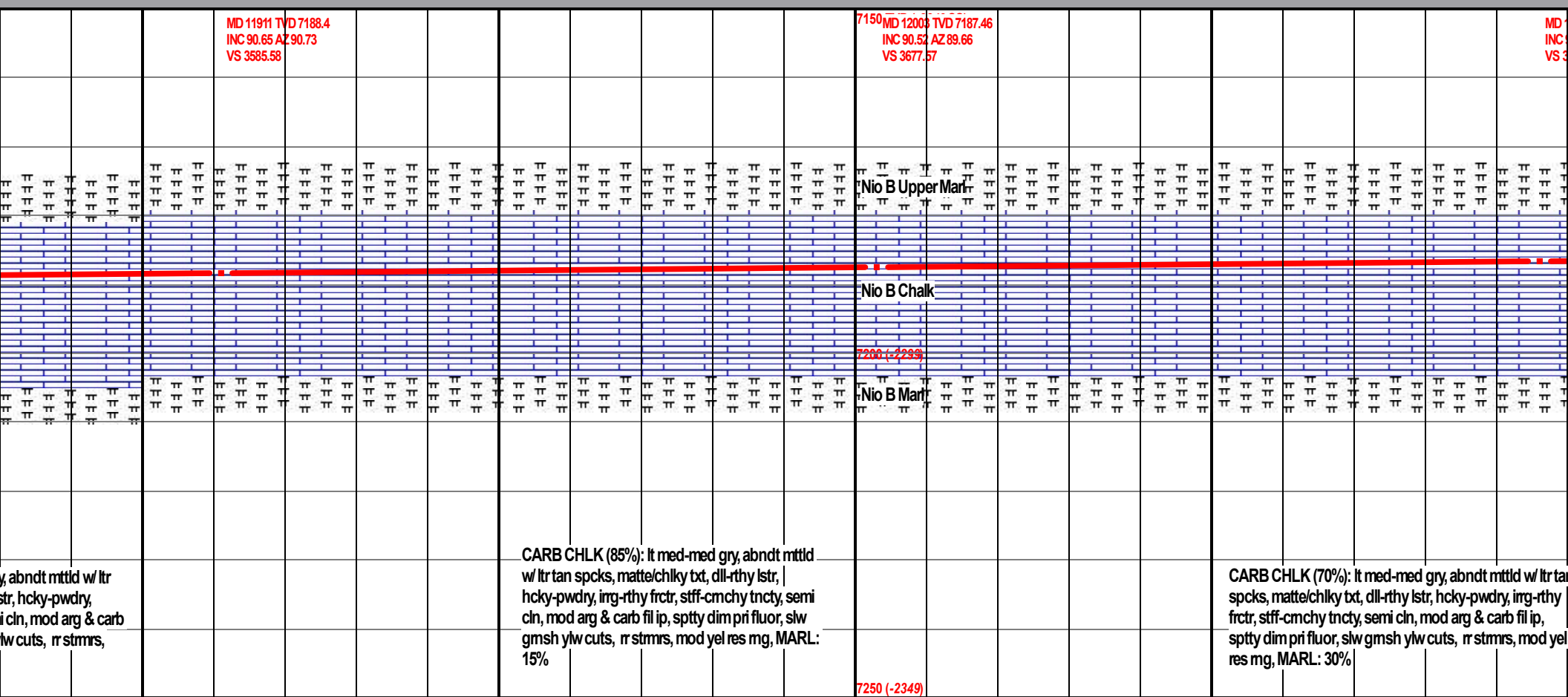
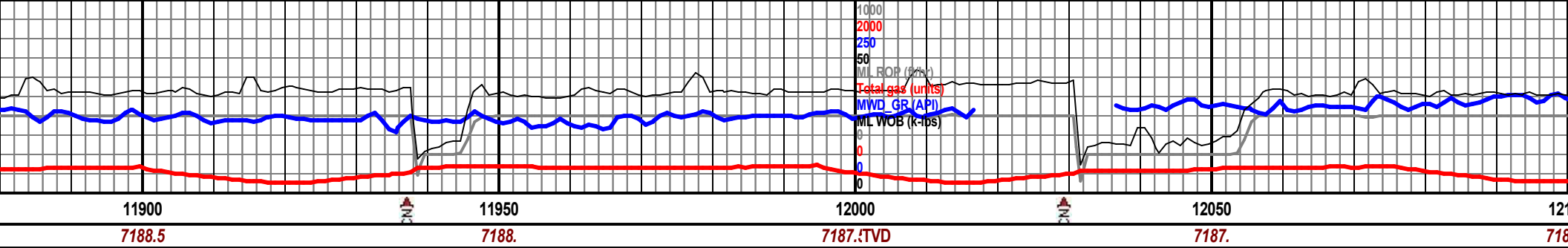


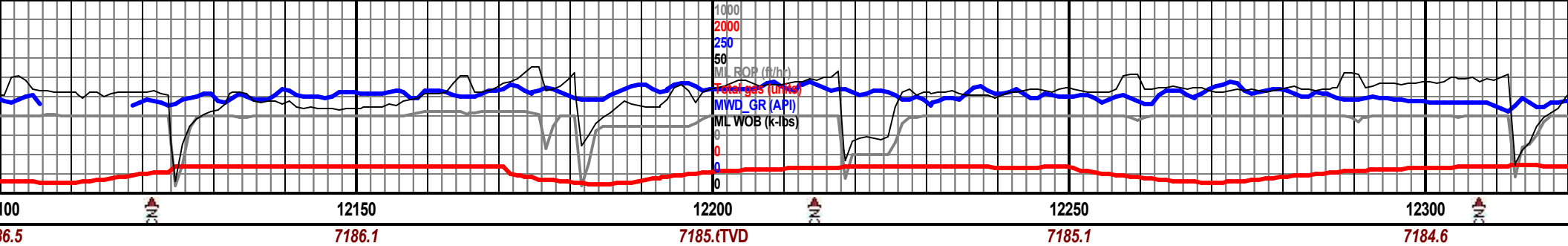




<p>MD 11725 TVD 7190.12 INC 90.55 AZ 90.95 VS 3389.61</p>	<p>MD 11817 TVD 7189.31 INC 90.46 AZ 90.85 VS 3491.59</p>	<p>7150 TVD (-2249 SS)</p>	<p>7200 (-2293)</p>	<p>7250 (-2349)</p>
<p>HLK (70%): lt med-med gry, abndt mttld w/ spcks, matte/chlky txt, dll-rthy lstr, irg-rthy frctr, stff-cmchy tncty, semi arg &amp; carb fil ip, sppty dim pri fluor, slw v cuts, rr stmrs, mod yel res mg, MARL:</p>	<p>CARB CHLK (80%): lt med-med gry, abndt mttld w/ ltr tan spcks, matte/chlky txt, dll-rthy lstr, hcky-pwdry, irg-rthy frctr, stff-cmchy tncty, semi cln, mod arg &amp; carb fil ip, sppty dim pri fluor, slw gmsh ylw cuts, rr stmrs, mod yel res mg, MARL: 20%</p>	<p>CARB CHLK (75%): lt med-med gry, abndt mttld w/ ltr tan spcks, matte/chlky txt, dll-rthy lstr, hcky-pwdry, irg-rthy frctr, stff-cmchy tncty, semi cln, mod arg &amp; carb fil ip, sppty dim pri fluor, slw gmsh ylw cuts, rr stmrs, mod yel res mg, MARL: 25%</p>		



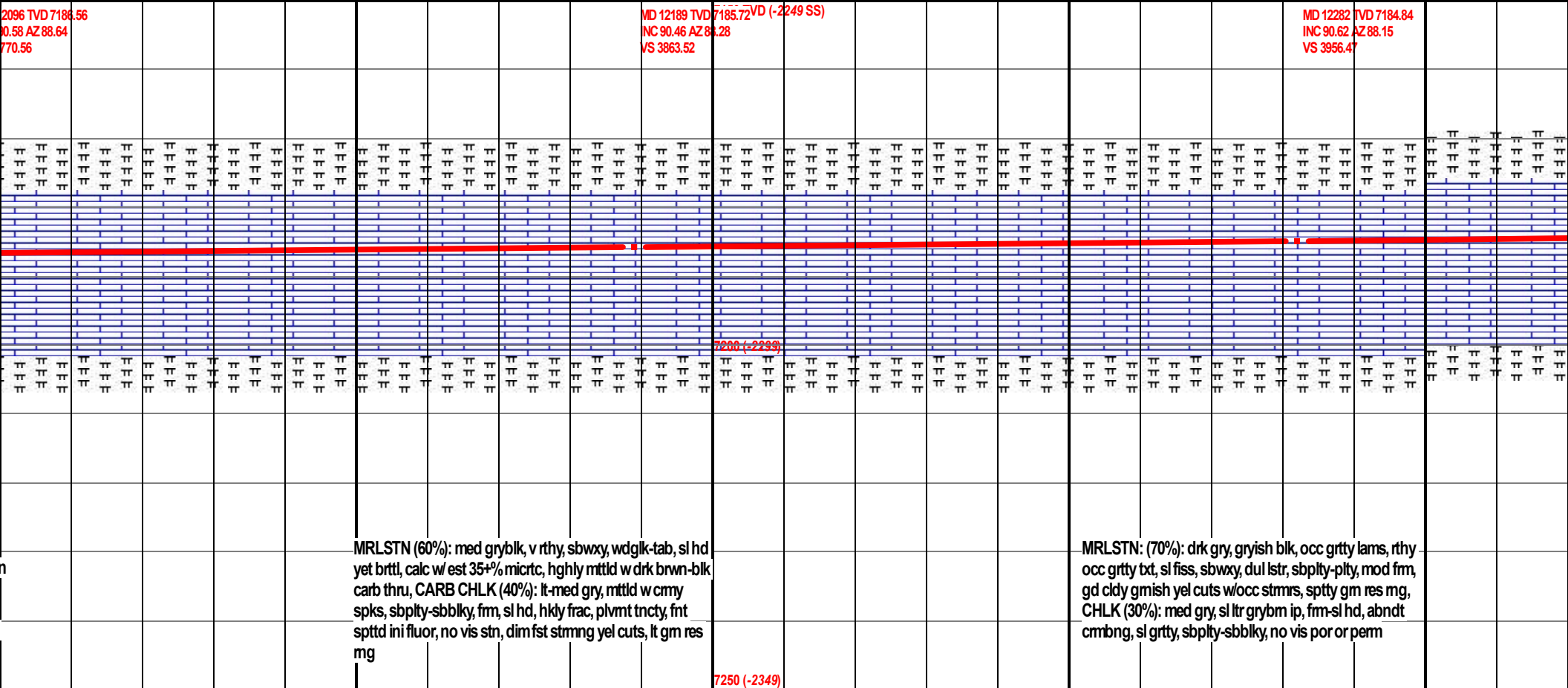




2096 TVD 7186.56  
 10.58 AZ 88.64  
 770.56

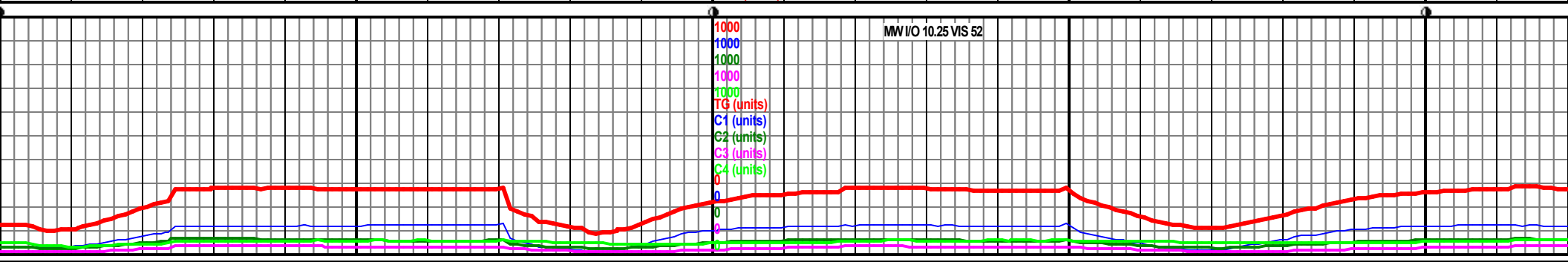
MD 12189 TVD 7185.72 VD (-2249 SS)  
 NC 90.46 AZ 88.28  
 VS 3863.52

MD 12282 TVD 7184.84  
 INC 90.62 AZ 88.15  
 VS 3956.47

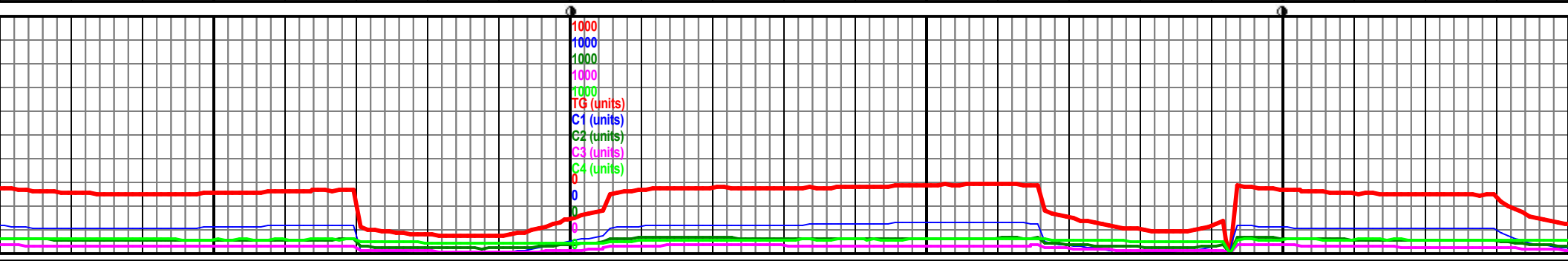
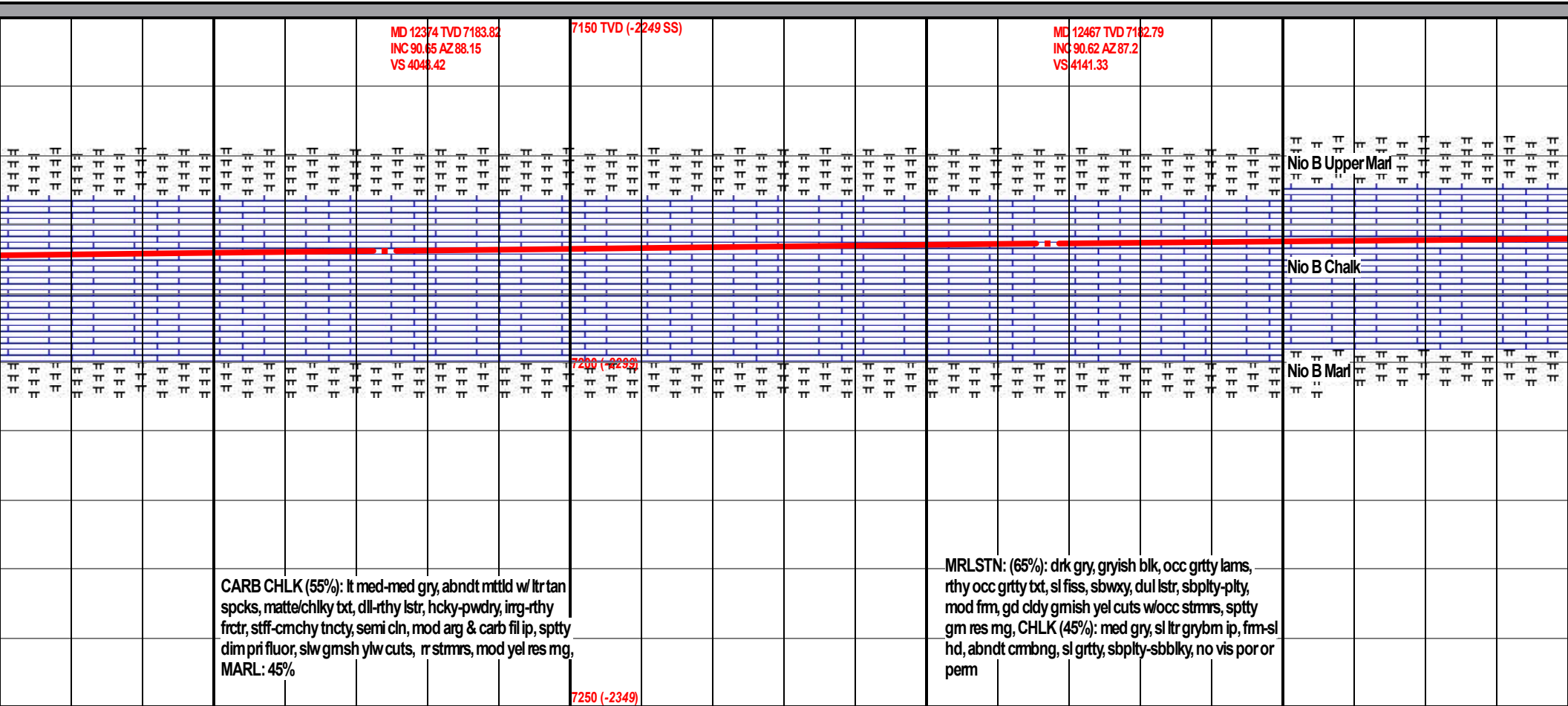
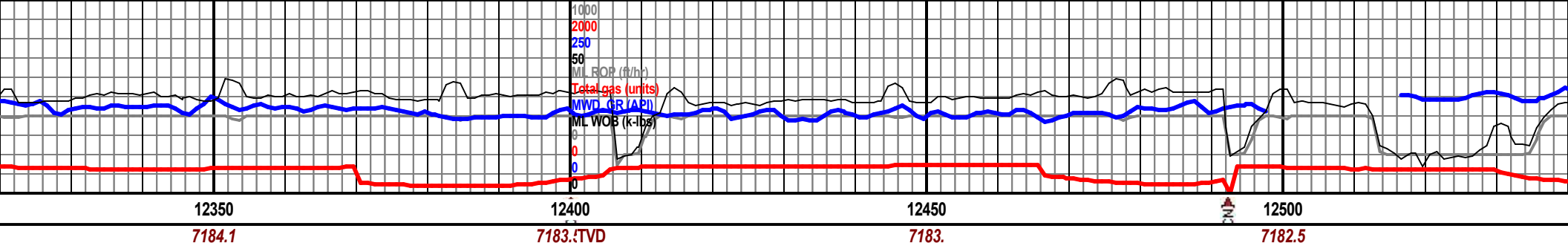


MRLSTN (60%): med gryblk, v rthy, sbwxy, wdglk-tab, sl hd  
 yet brtll, calc w/ est 35+% micrtc, hghly mttld w drk brwn-blk  
 carb thru, CARB CHLK (40%): lt-med gry, mttld w cmgy  
 spks, sbply-sbbiky, frm, sl hd, hky frac, plvmt tncty, fnt  
 spptd ini fluor, no vis stn, dim fst strmgng yel cuts, lt gm res  
 mg

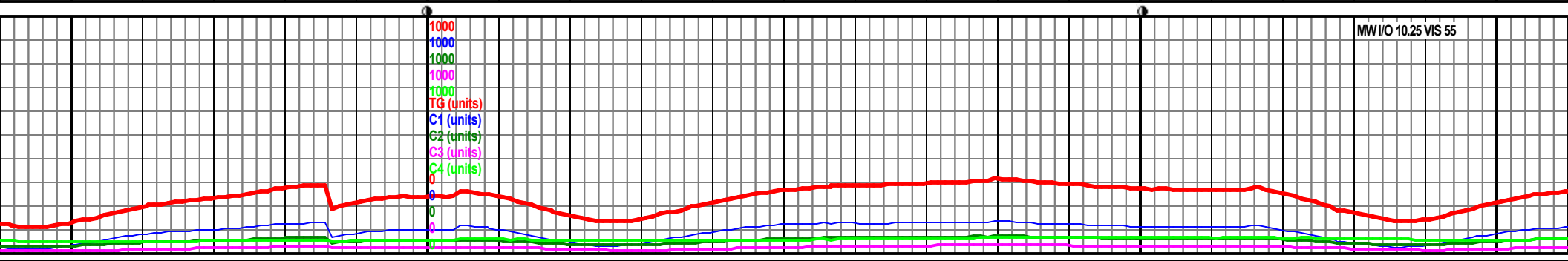
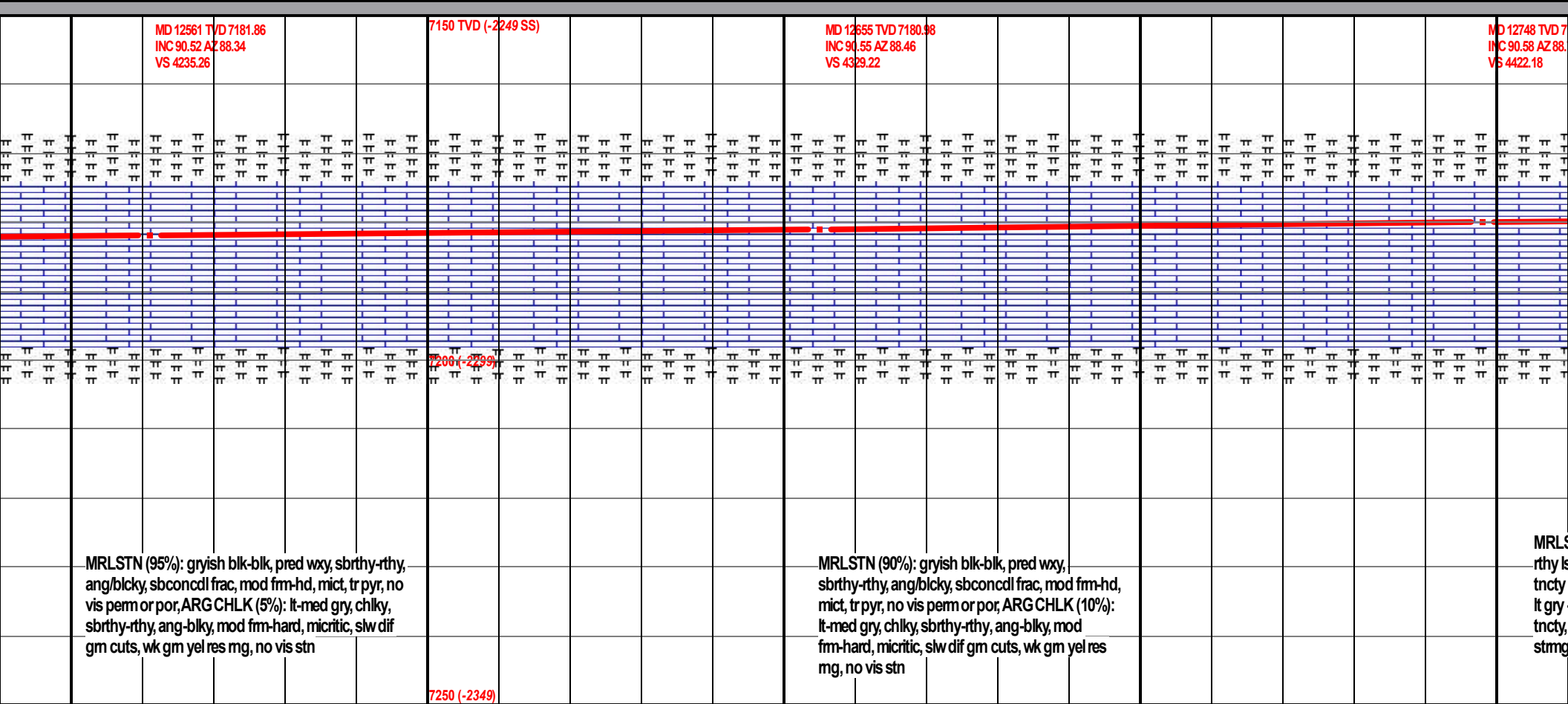
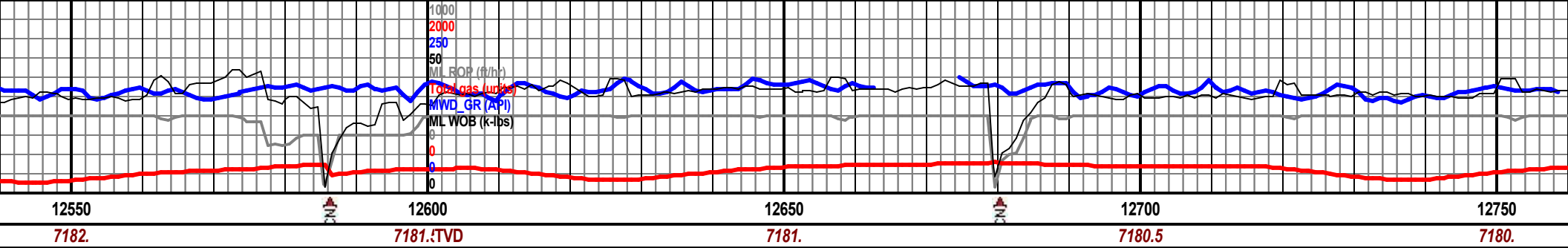
MRLSTN: (70%): drk gry, gryish blk, occ grtty lams, rthy  
 occ grtty txt, sl fiss, sbwxy, dul lstr, sbply-pty, mod frm,  
 gd cldy gmish yel cuts w/occ stmrs, sppty gm res mg,  
 CHLK (30%): med gry, sl ltr grybm ip, frm-sl hd, abndt  
 cmbng, sl grtty, sbply-sbbiky, no vis por or perm

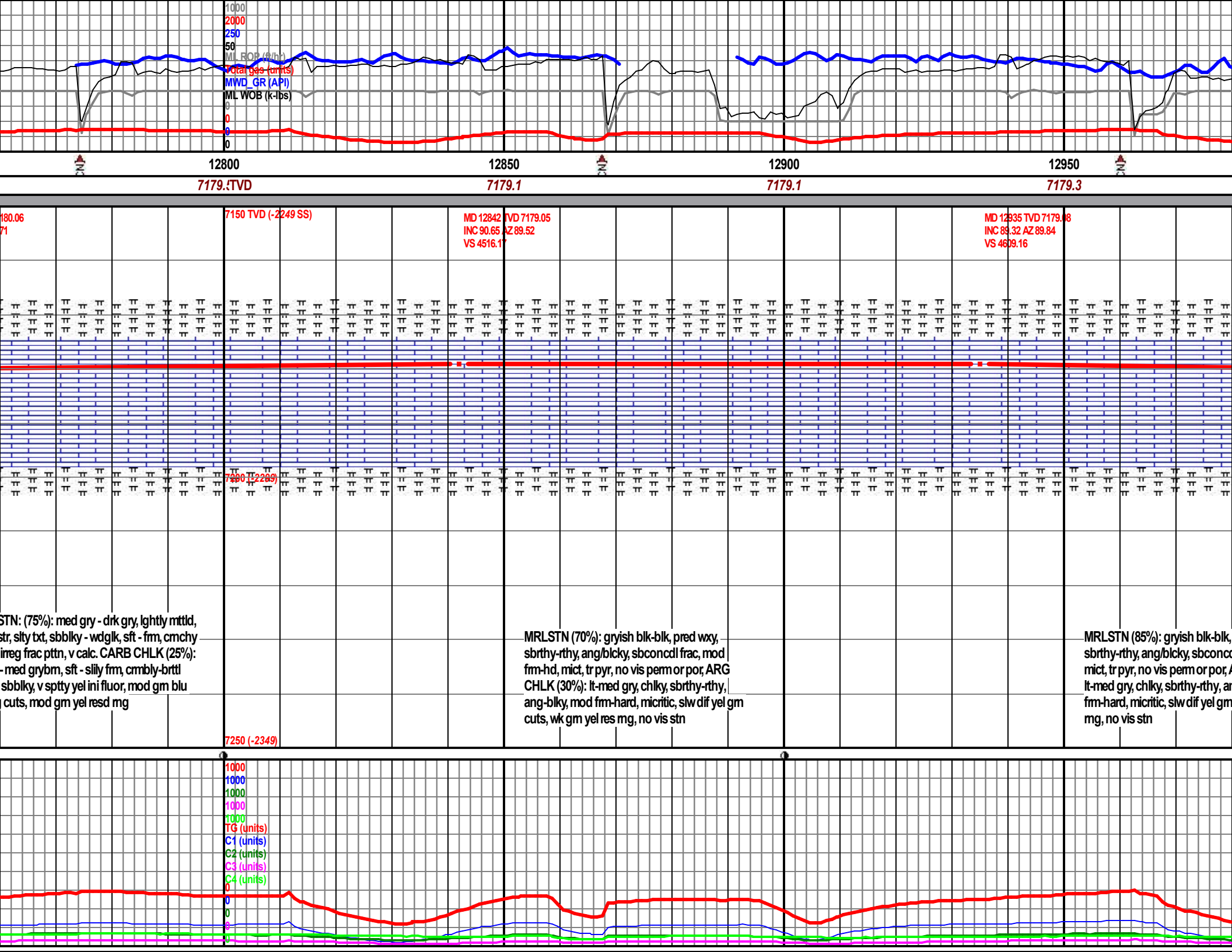


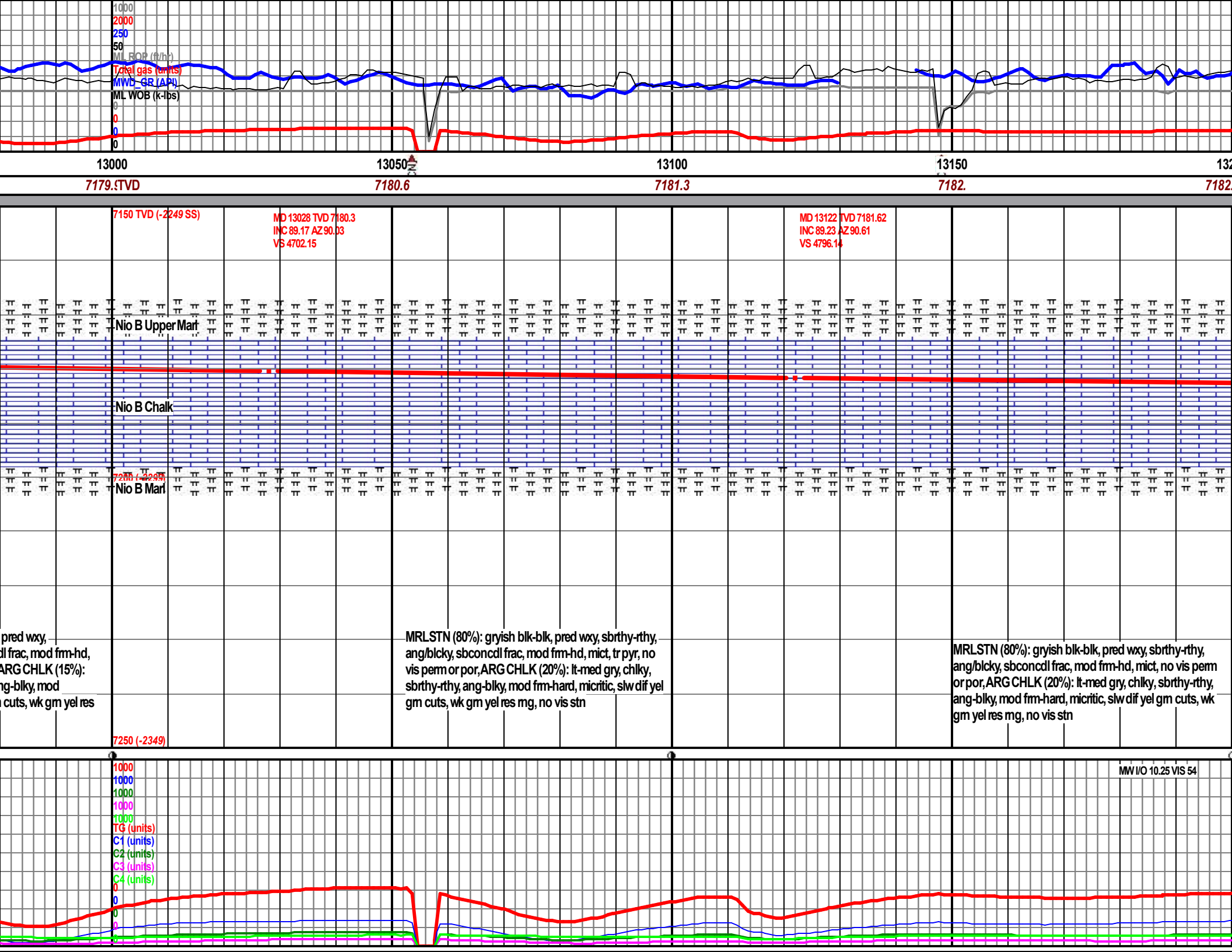
MW I/O 10.25 VIS 52

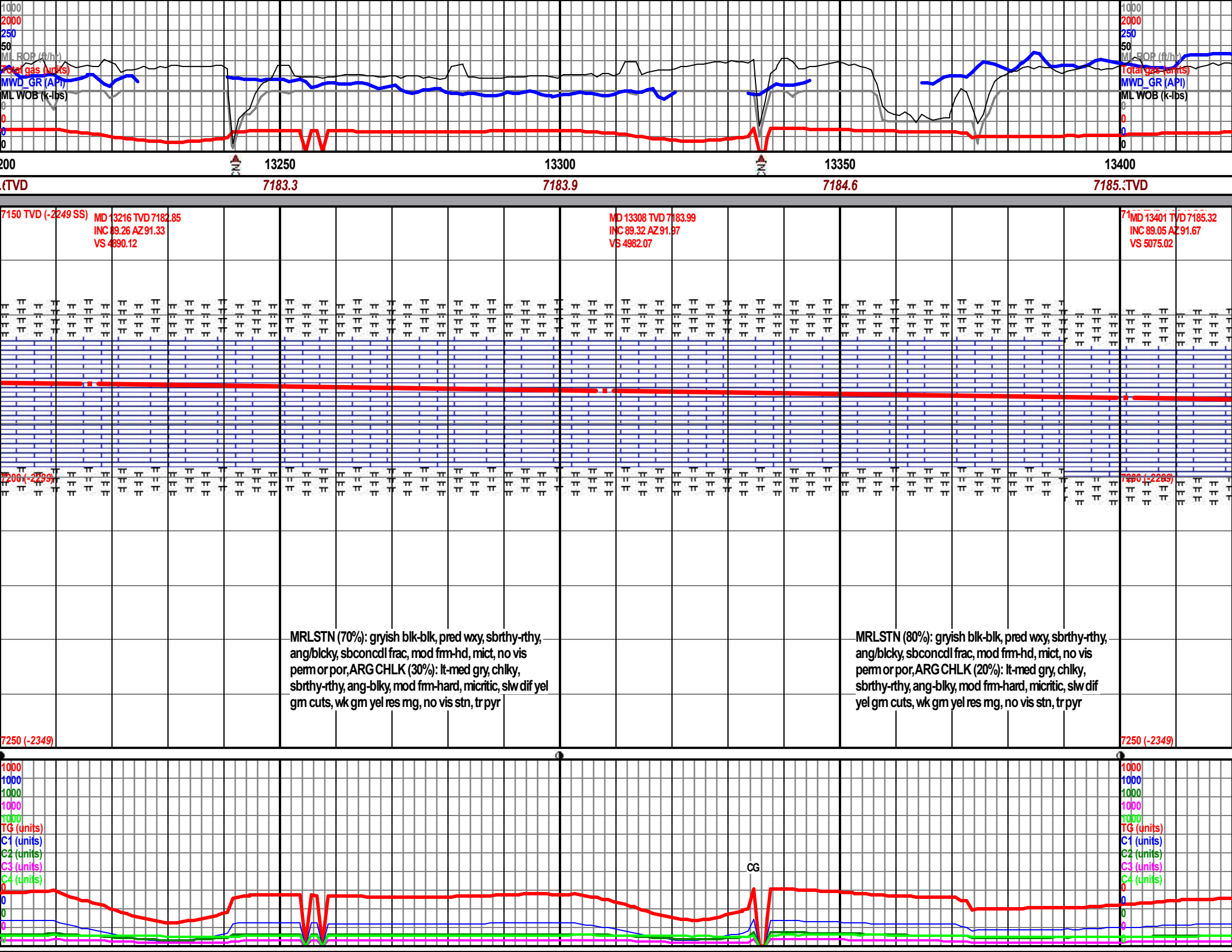




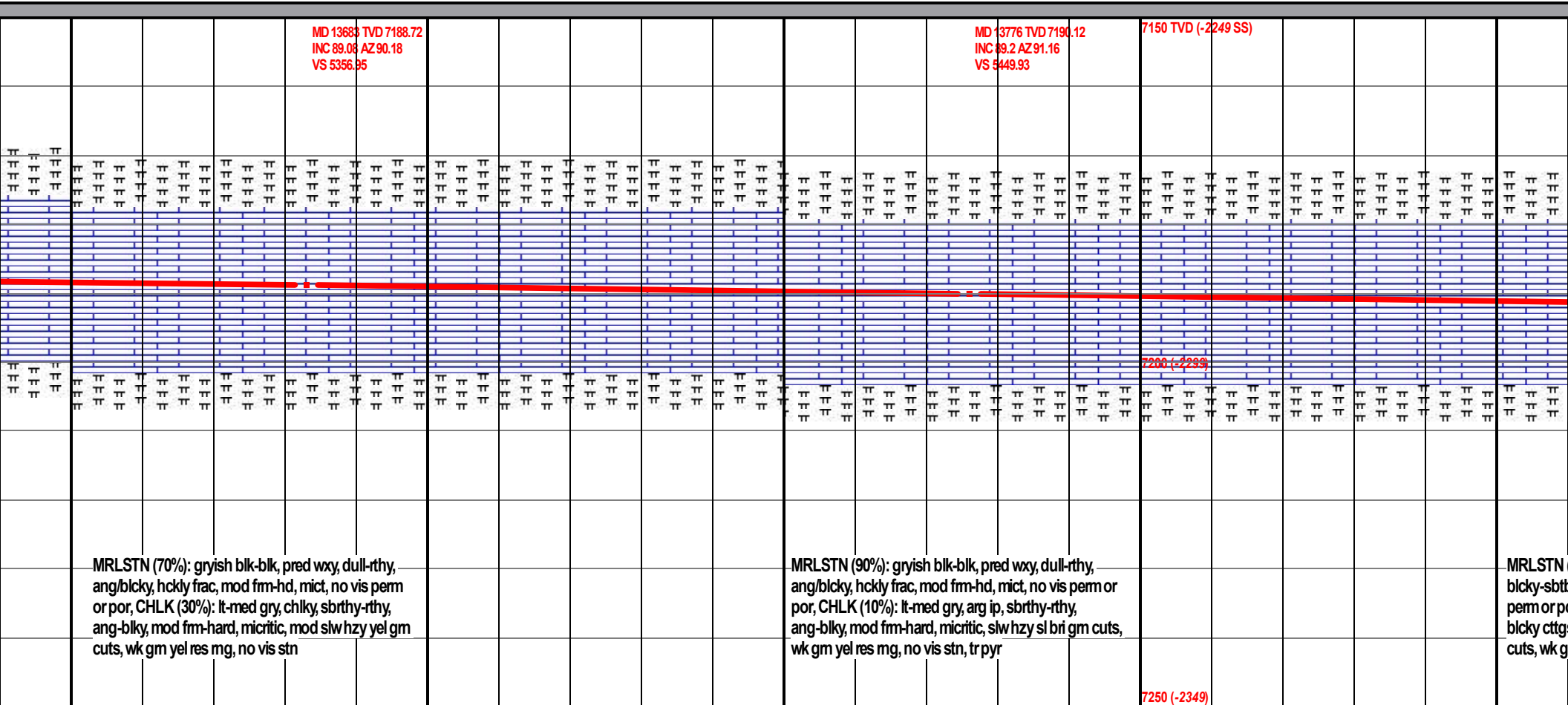
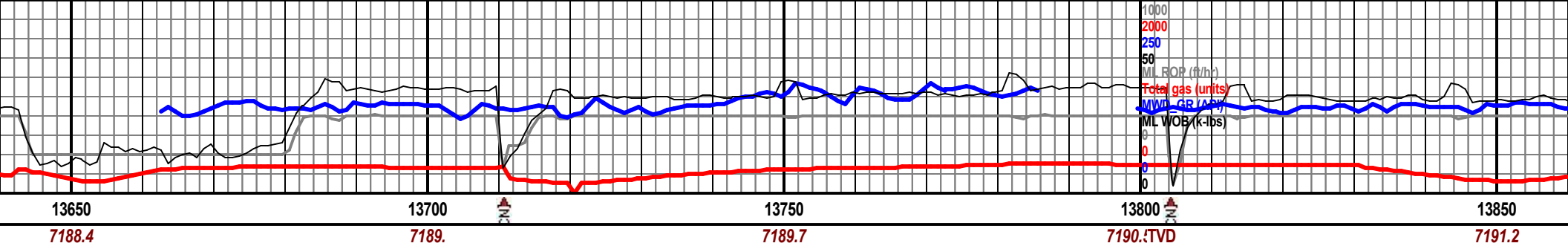








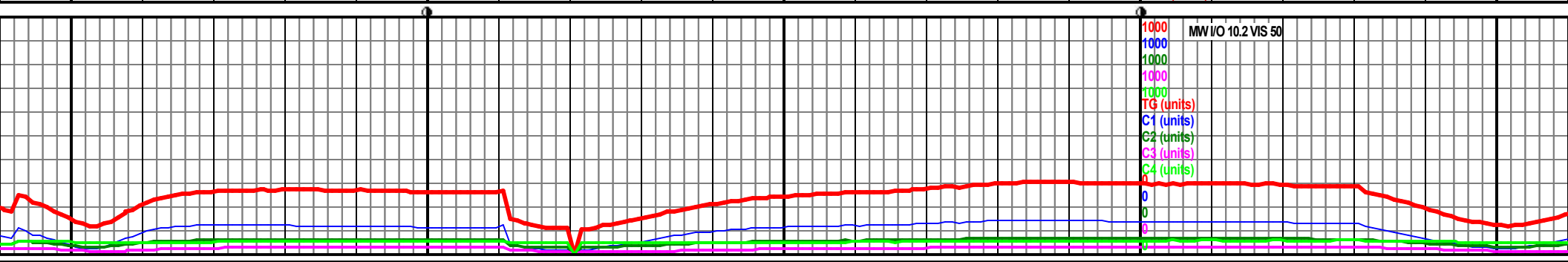


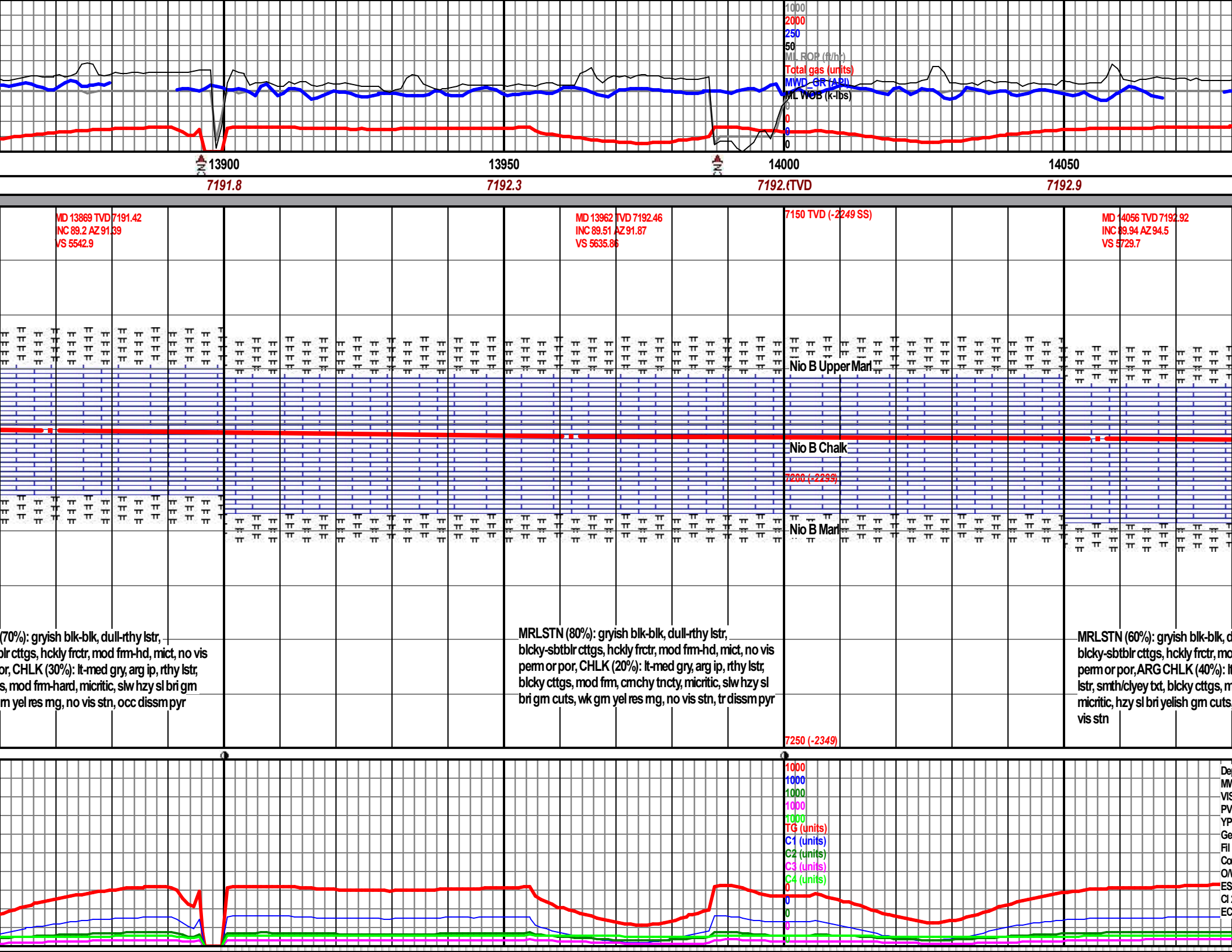


MRLSTN (70%): gryish blk-blk, pred wxy, dull-rthy, ang/blcky, hckly frac, mod frm-hd, mict, no vis perm or por, CHLK (30%): lt-med gry, chiky, sbtrthy-rthy, ang-blky, mod frm-hard, micritic, mod slw hzy yel gm cuts, wk gm yel res mg, no vis stn

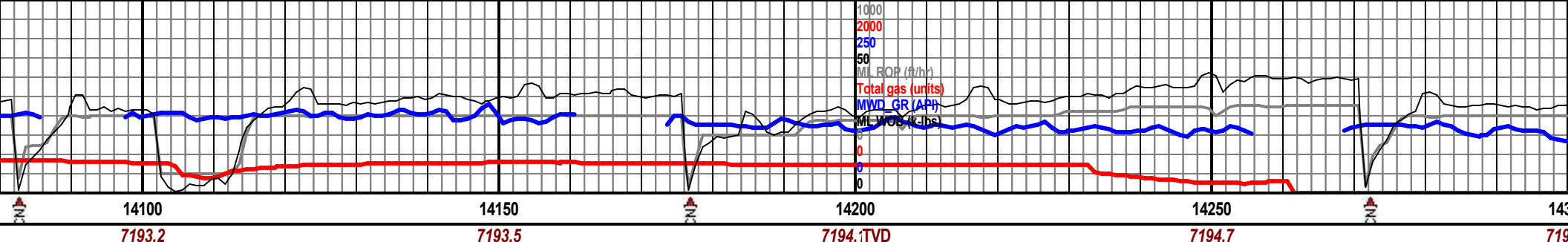
MRLSTN (90%): gryish blk-blk, pred wxy, dull-rthy, ang/blcky, hckly frac, mod frm-hd, mict, no vis perm or por, CHLK (10%): lt-med gry, arg ip, sbtrthy-rthy, ang-blky, mod frm-hard, micritic, slw hzy sl bri gm cuts, wk gm yel res mg, no vis stn, trpyr

MRLSTN (100%): gryish blk-blk, pred wxy, dull-rthy, ang/blcky, hckly frac, mod frm-hd, mict, no vis perm or por, CHLK (0%): lt-med gry, arg ip, sbtrthy-rthy, ang-blky, mod frm-hard, micritic, slw hzy sl bri gm cuts, wk gm yel res mg, no vis stn, trpyr

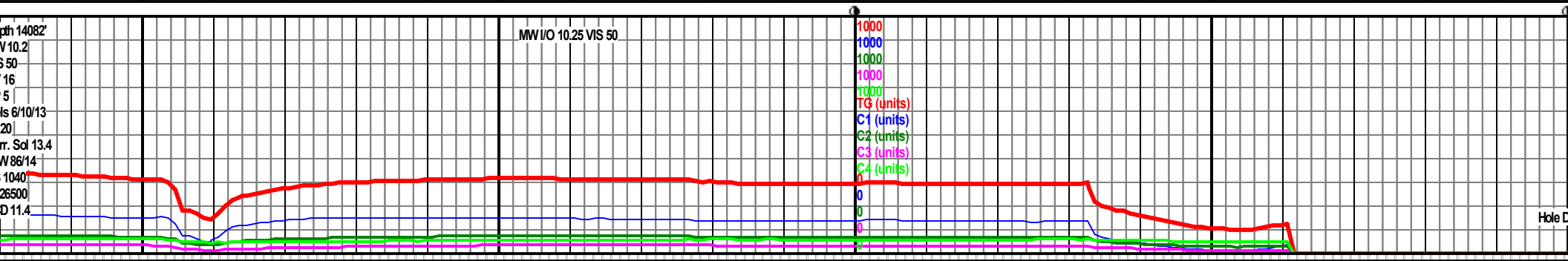


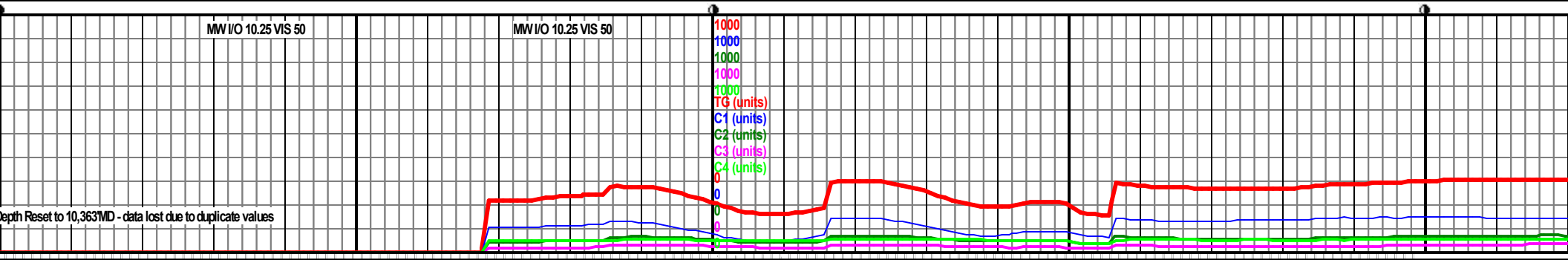
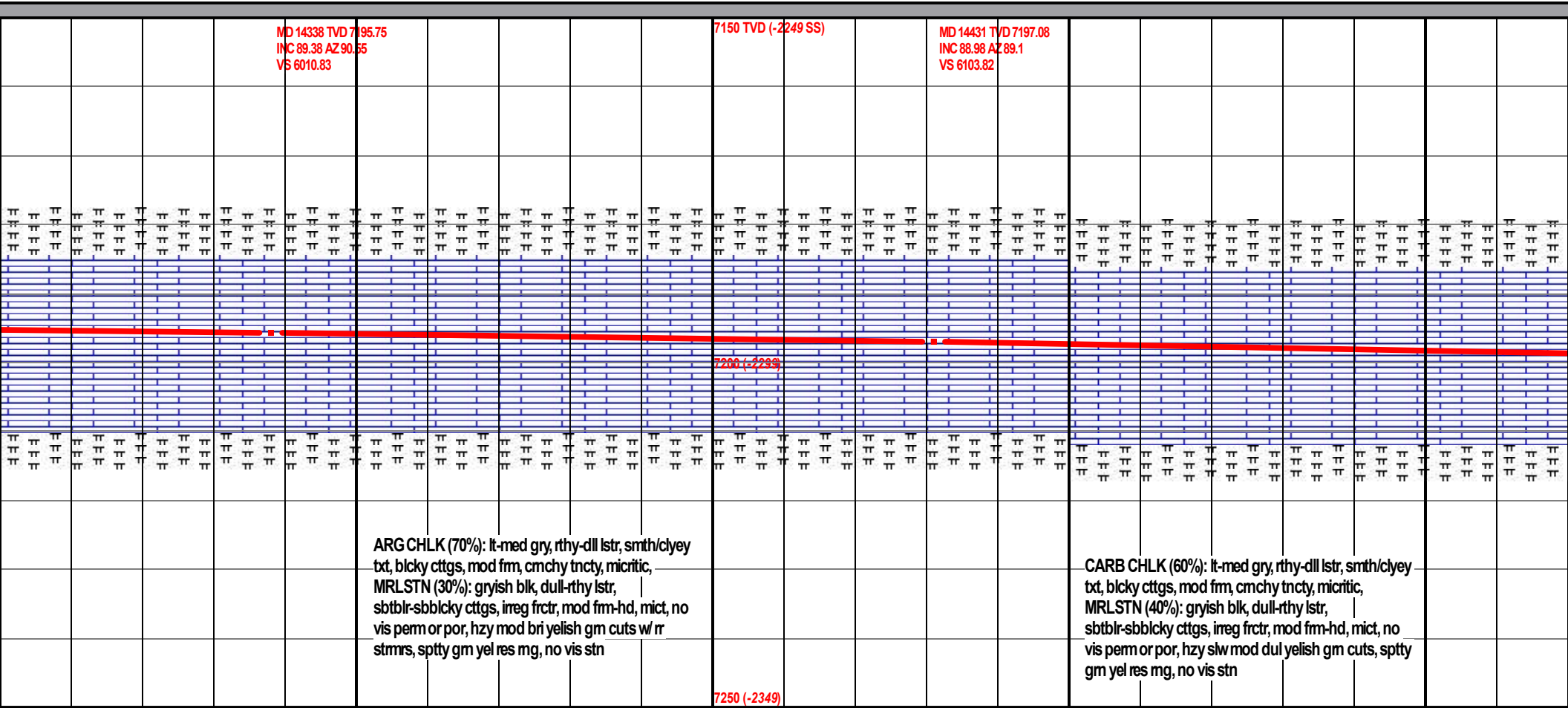
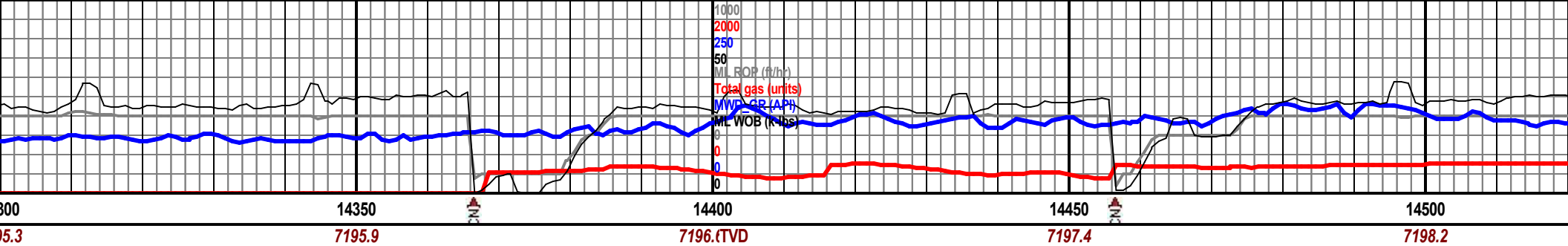


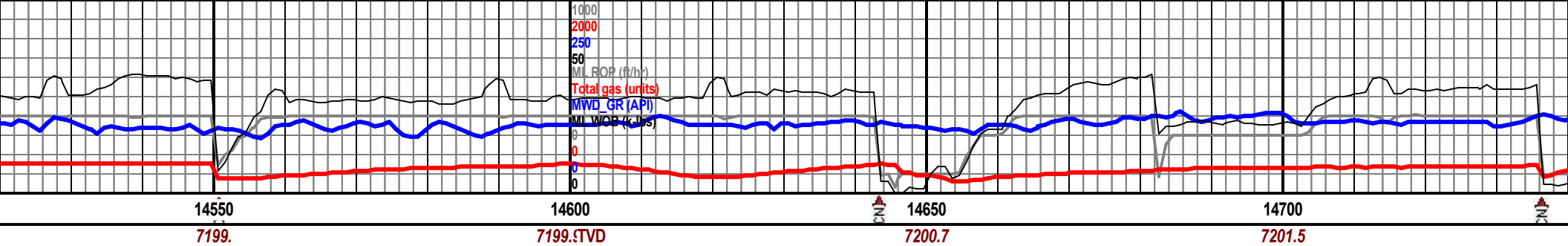




MD 14150 TVD 7193.5 INC 89.35 AZ 96.26 VS 5823.28																														7150 TVD (-2249 SS)																														MD 14244 TVD 7194.64 INC 89.16 AZ 93.7 VS 5914.91																													
MRLSTN (70%): gryish blk-blk, dull-rthy lstr, sdtblr cttgs, hckly frctr, mod fm-hd, mict, no vis perm or por, ARG CHLK (30%): lt-med gry, rthy lstr, smth/cliey txt, blcky cttgs, mod fm, cmchy tncy, micritic, hzy mod bri yelish gm cuts, wk gm yel res mg, no vis stn																														7200 (-2298)																														ARG CHLK (60%): lt-med gry, rthy-dll lstr, smth/cliey txt, blcky cttgs, mod fm, cmchy tncy, micritic, MRLSTN (40%): gryish blk, dull-rthy lstr, sdtblr-sbbcky cttgs, hckly-irreg frctr, mod fm-hd, mict, no vis perm or por, hzy mod bri yelish gm cuts, wk gm yel res mg, no vis stn																													
																														7250 (-2349)																																																											



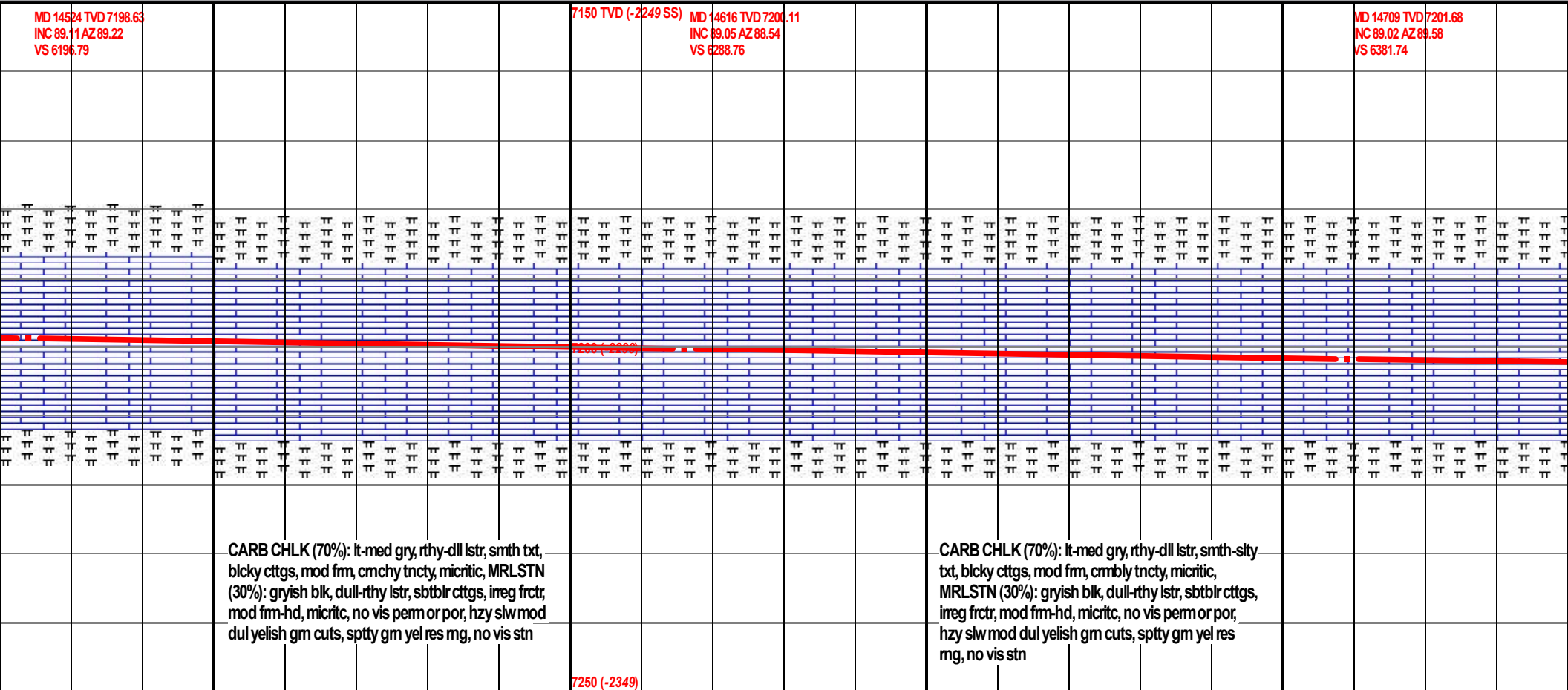




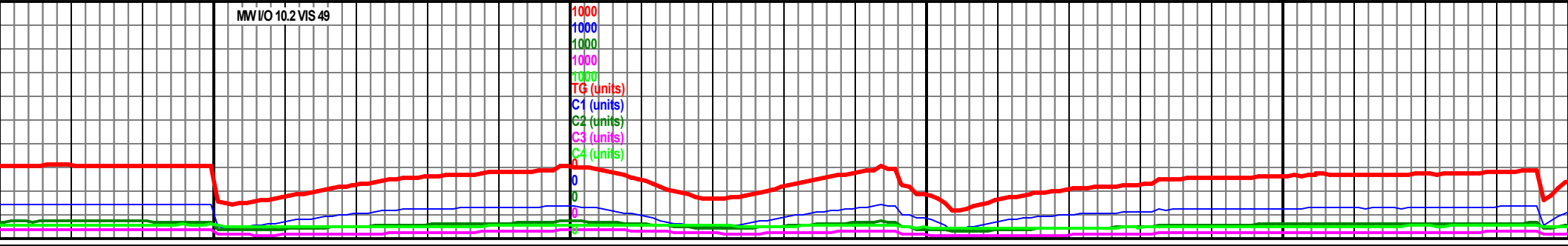
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INC 89.11 AZ 89.22  
VS 6196.79

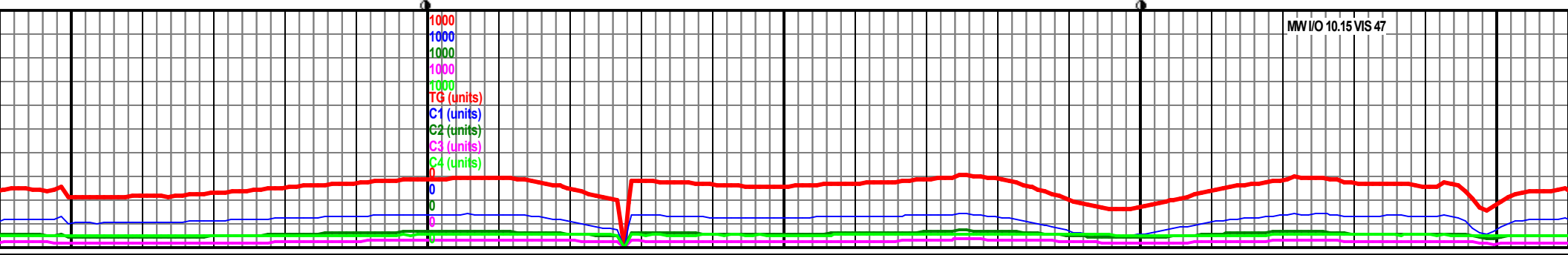
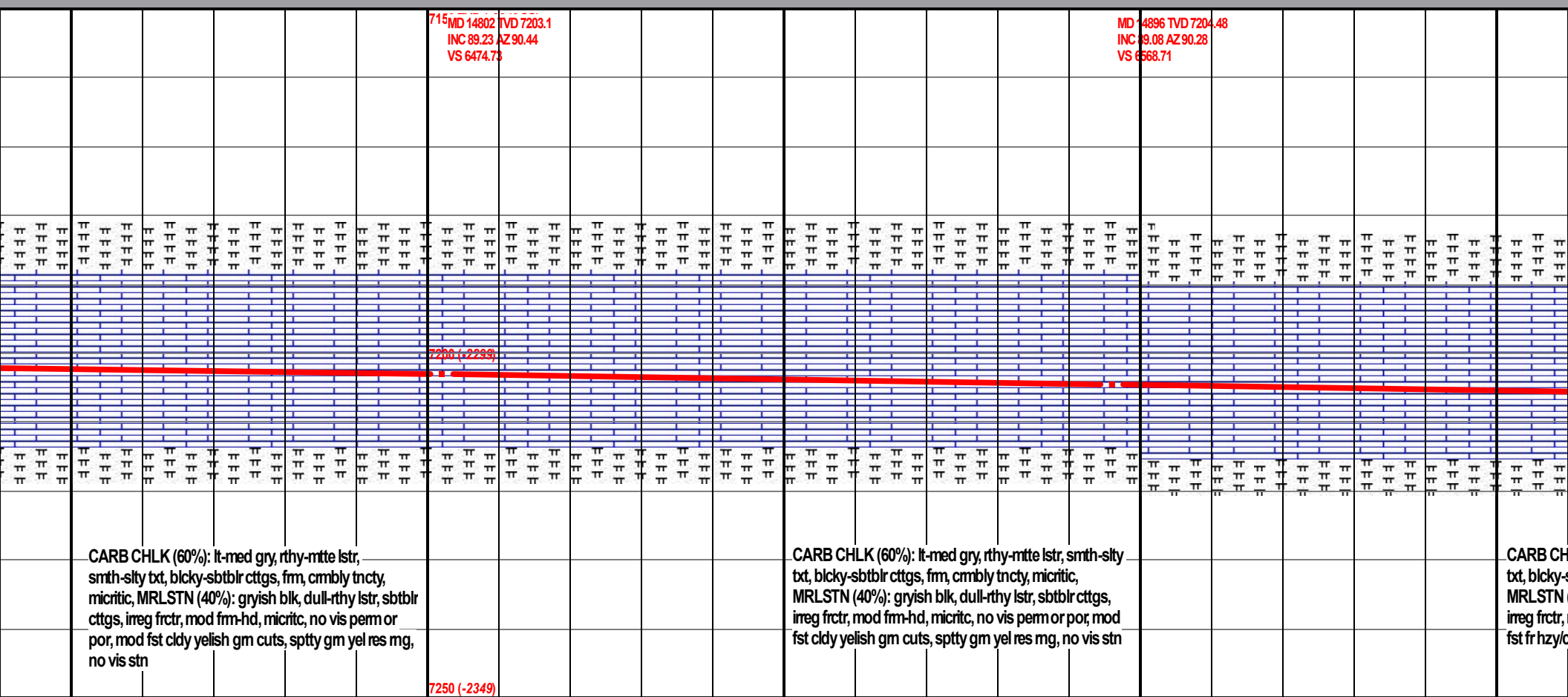
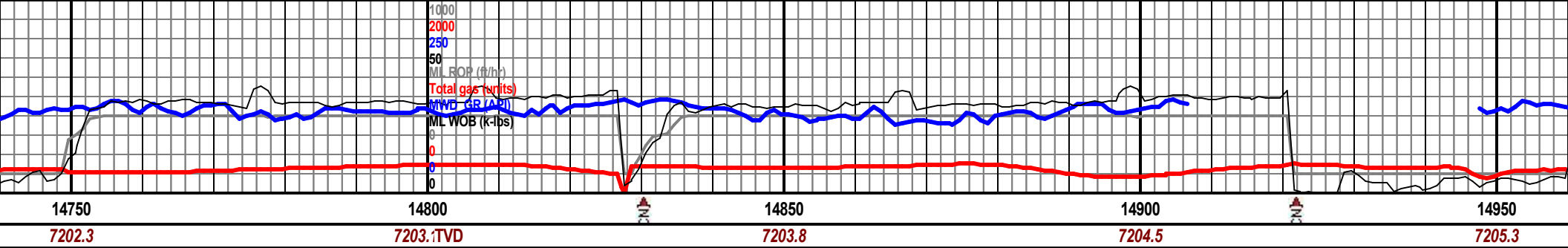
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INC 89.05 AZ 88.54  
VS 6288.76

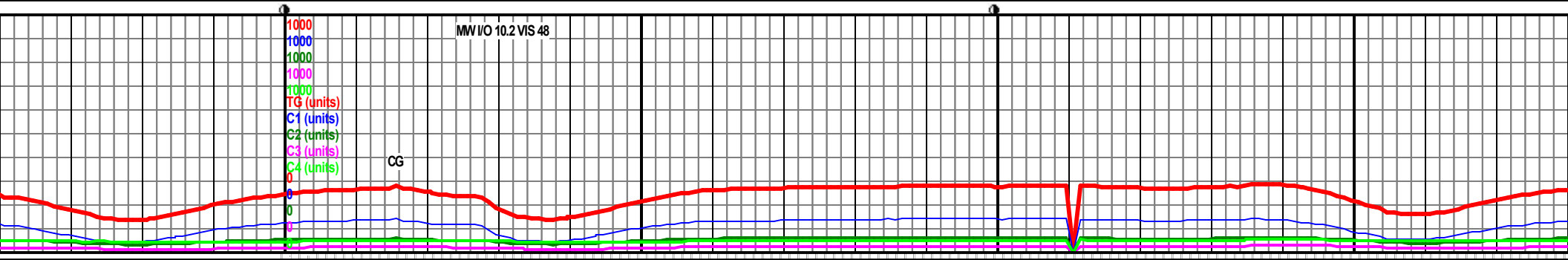
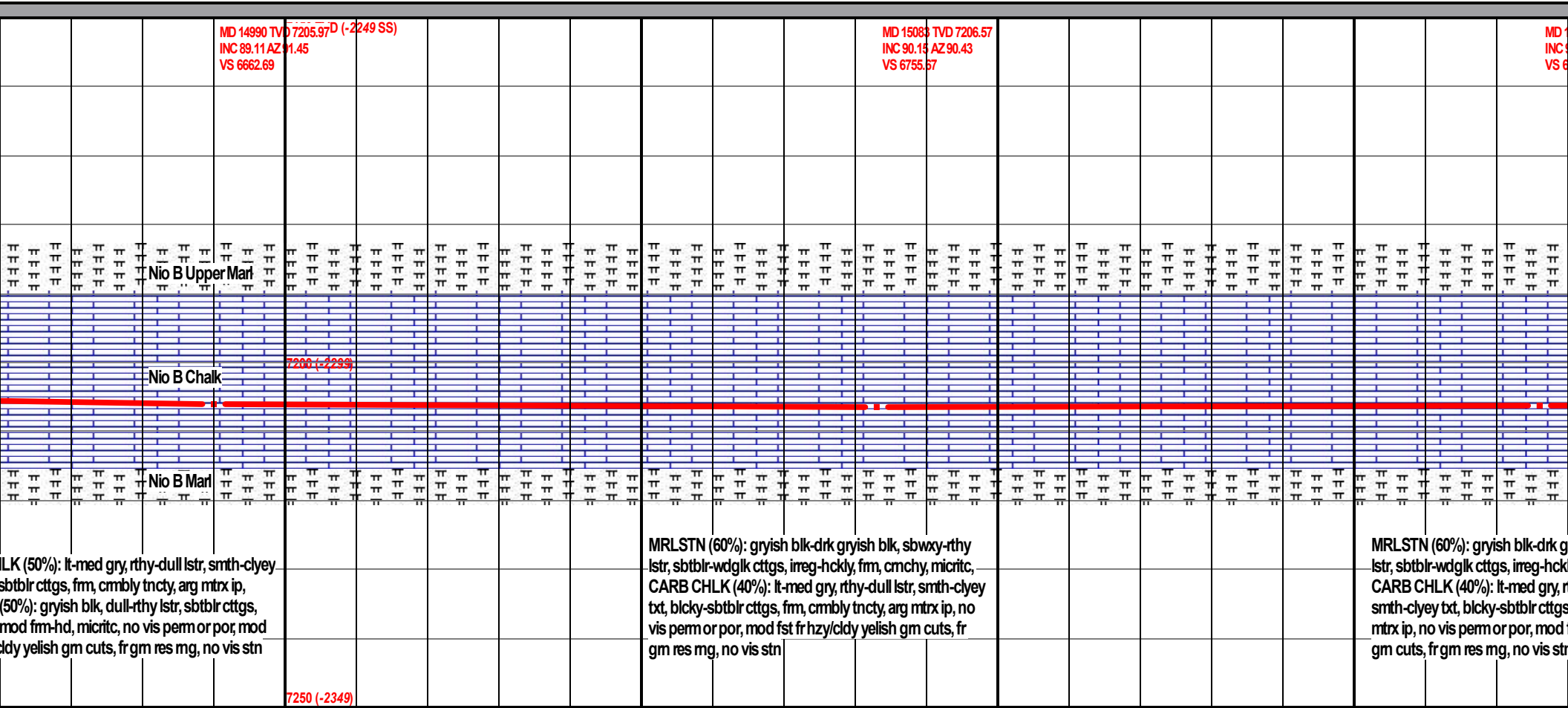
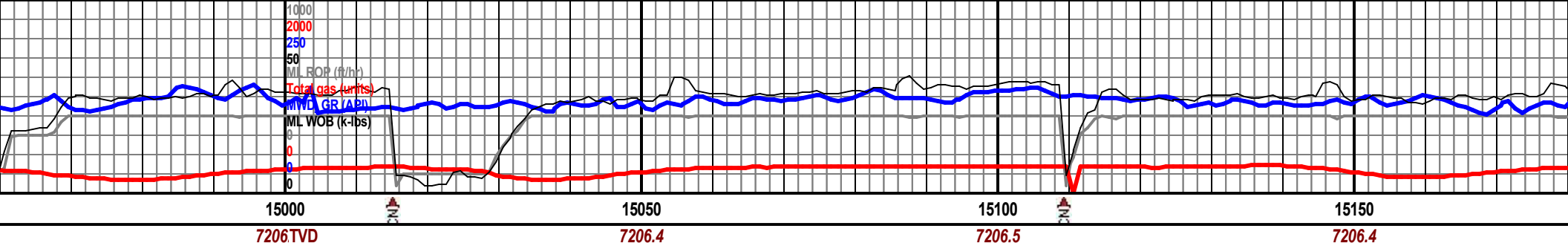
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INC 89.02 AZ 89.58  
VS 6381.74

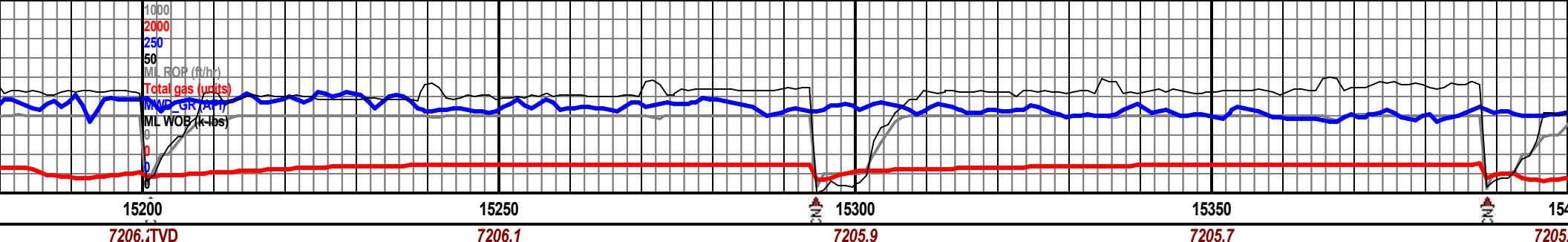


MW I/O 10.2 VIS 49

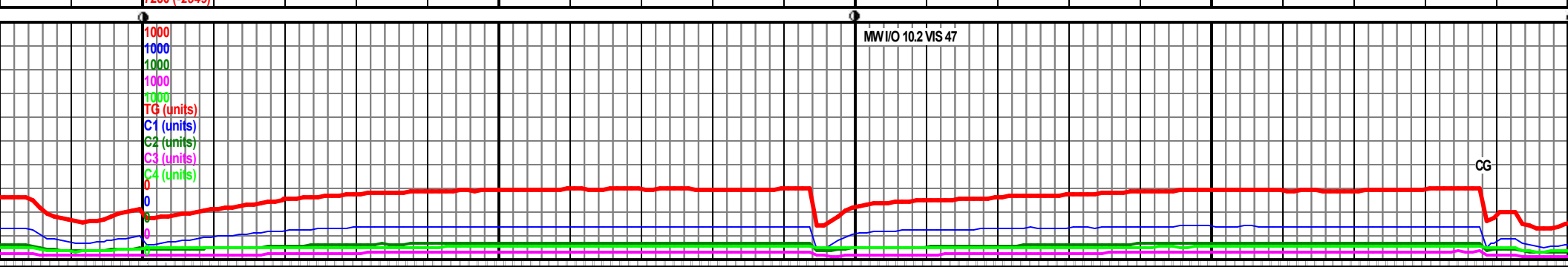




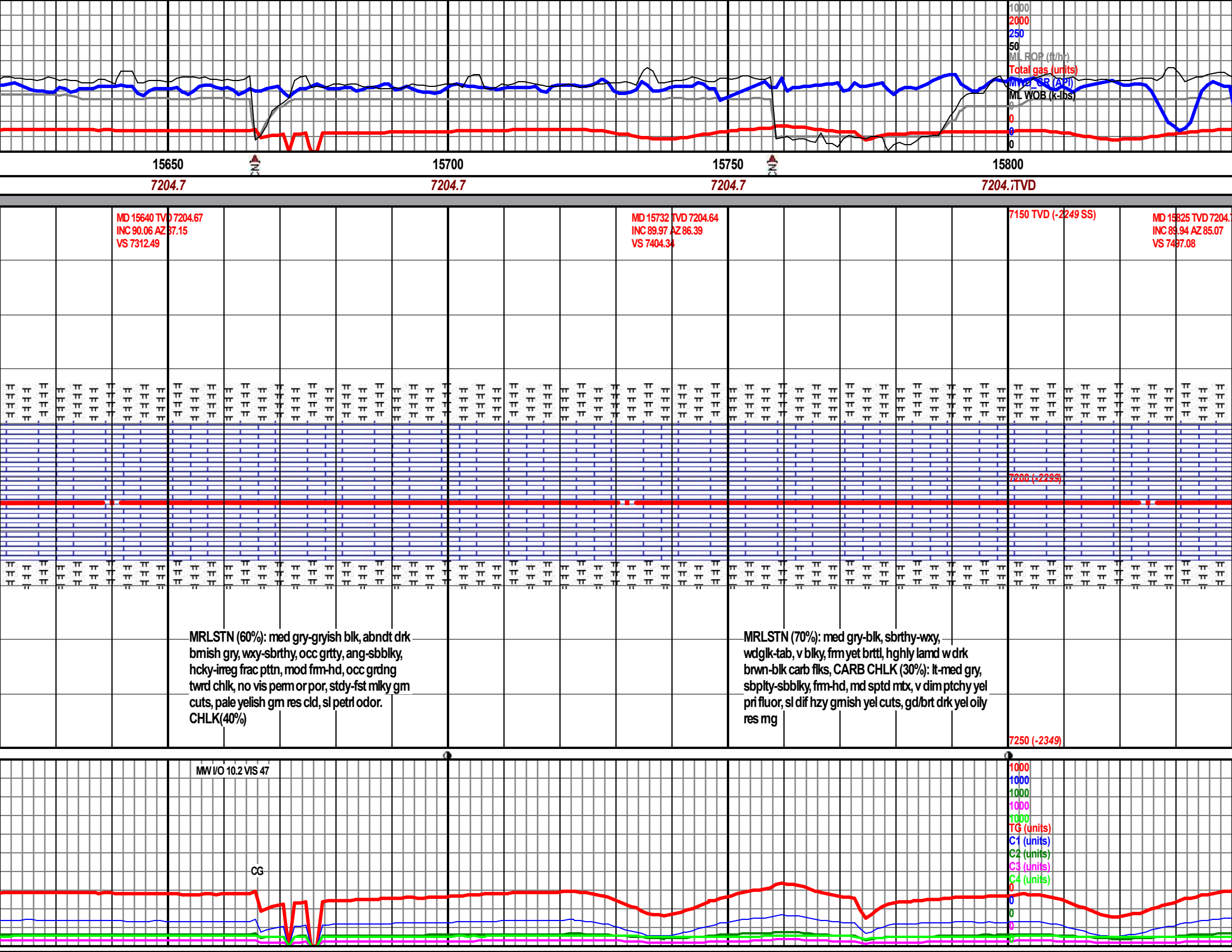




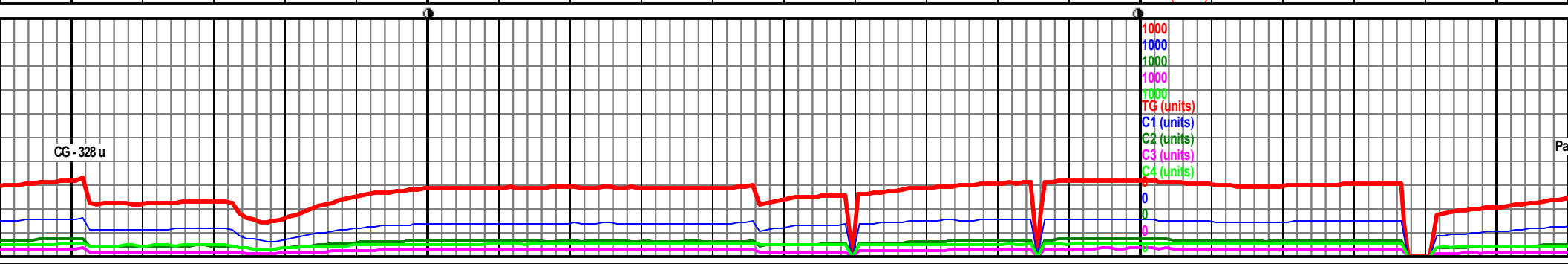
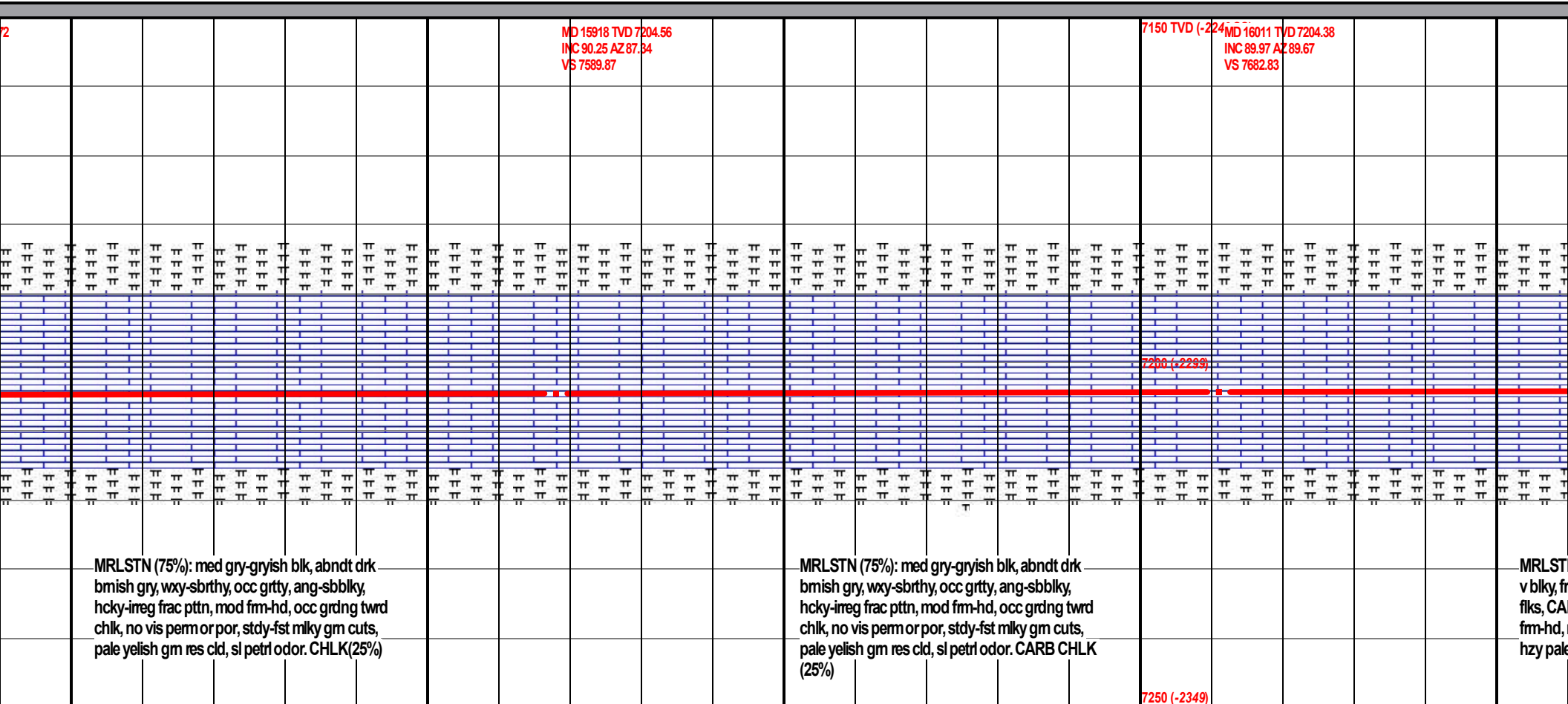
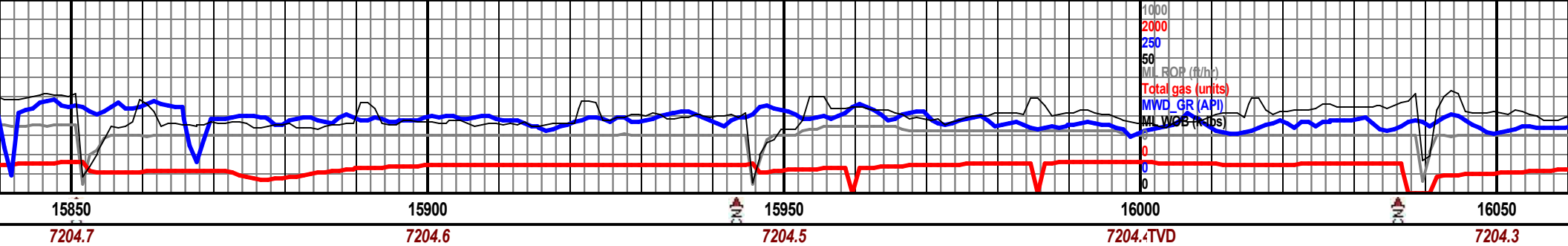
5176 TVD 7206.3 INC 90.18 AZ 90.84 VS 848.67									
7150 TVD (-2249 SS)									
MD 15269 TVD 7206.03 INC 90.15 AZ 91.16 VS 6941.65									
MD 15362 TVD 7205.64 INC 90.34 AZ 89.92 VS 7034.65									
7206 (-2299)									
MRLSTN (65%): gryish blk-drk gryish blk, sbwxy-rthy lstr, shtblr-wdglk ctggs, irreg-hckly, frm, cmchy, micritc, CARB CHLK (35%): lt-med gry, rthy-dull lstr, smth-elyey txt, bckly-shtblr ctggs, frm, cmbly tncty, arg mtrix ip, no vis perm or por, fr hzy/cldy yelish gm cuts, sptty mod bri gm res mg, no vis strn, tr cal frags									
MRLSTN (60%): gryish blk-drk gryish blk, sbwxy-rthy lstr, shtblr-wdglk ctggs, irreg-hckly, frm, cmchy, micritc, CARB CHLK (40%): lt-med gry, rthy-dull lstr, smth-elyey txt, bckly-shtblr ctggs, frm, cmbly tncty, arg mtrix ip, no vis perm or por, mod fst sl dim hzy/cldy yelish gm cuts, fly thck gm res mg, no vis strn, tr cal frags									
7250 (-2349)									

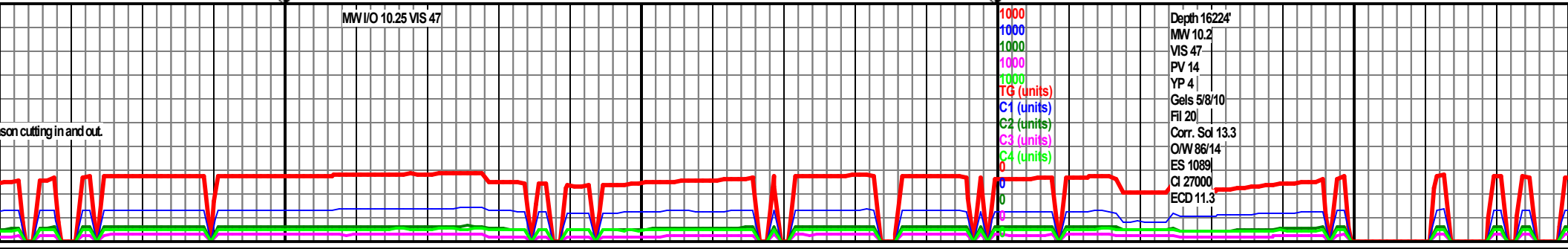
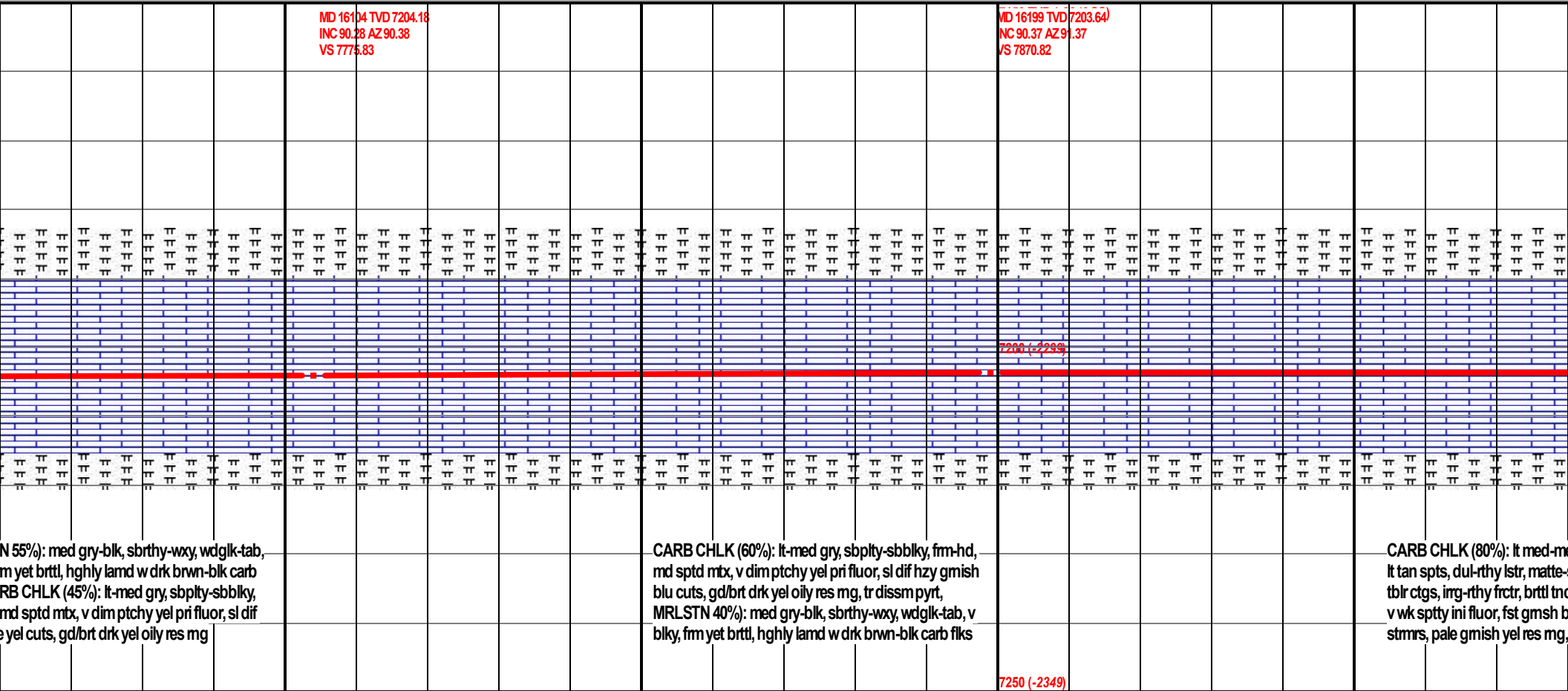
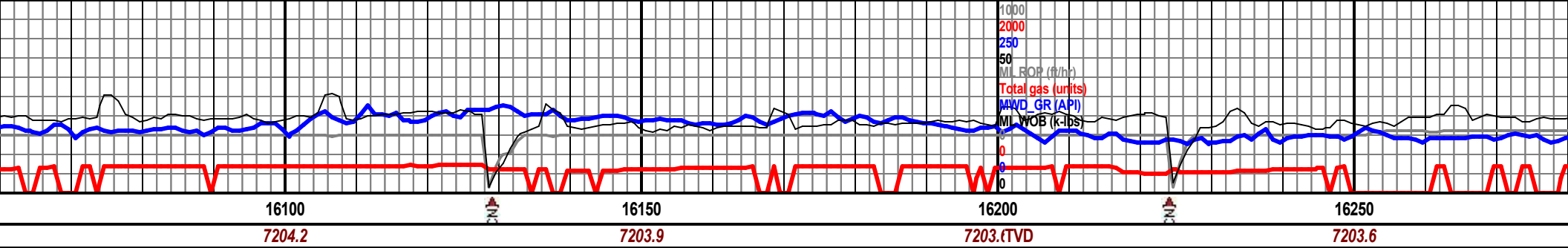


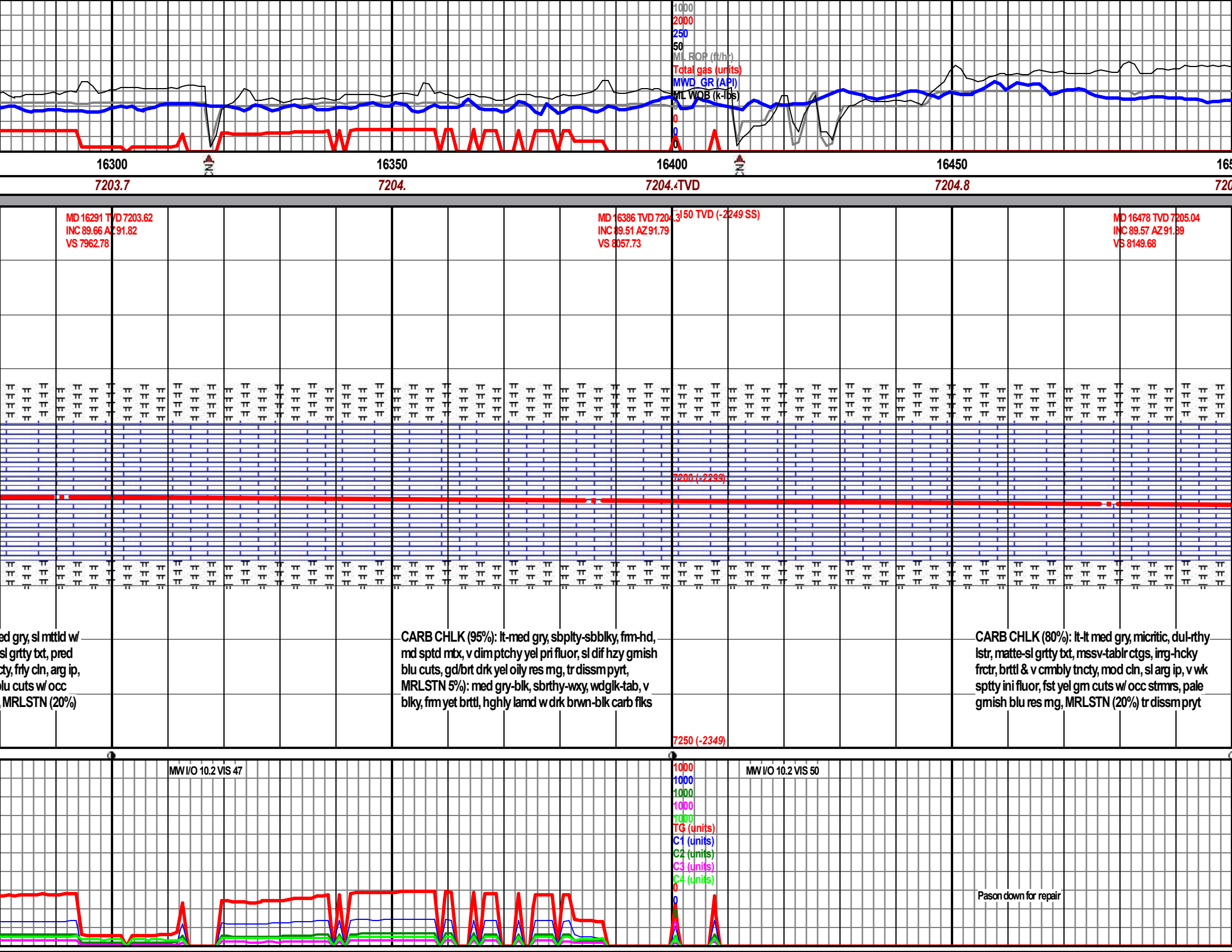


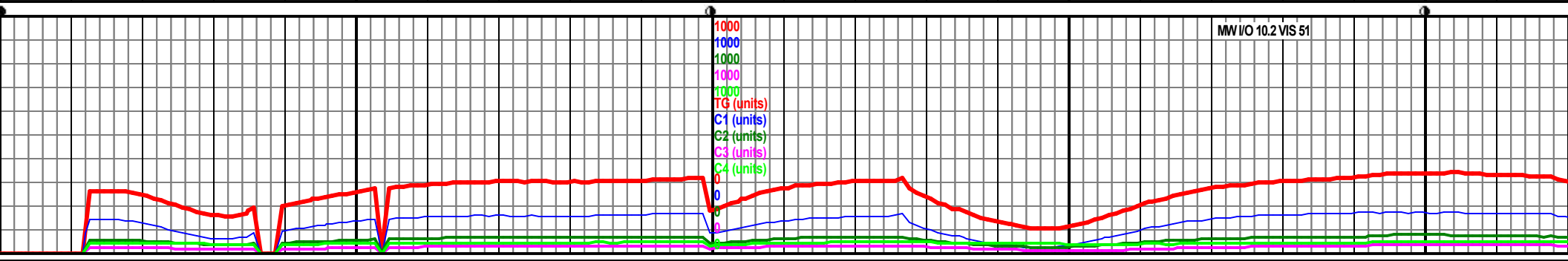
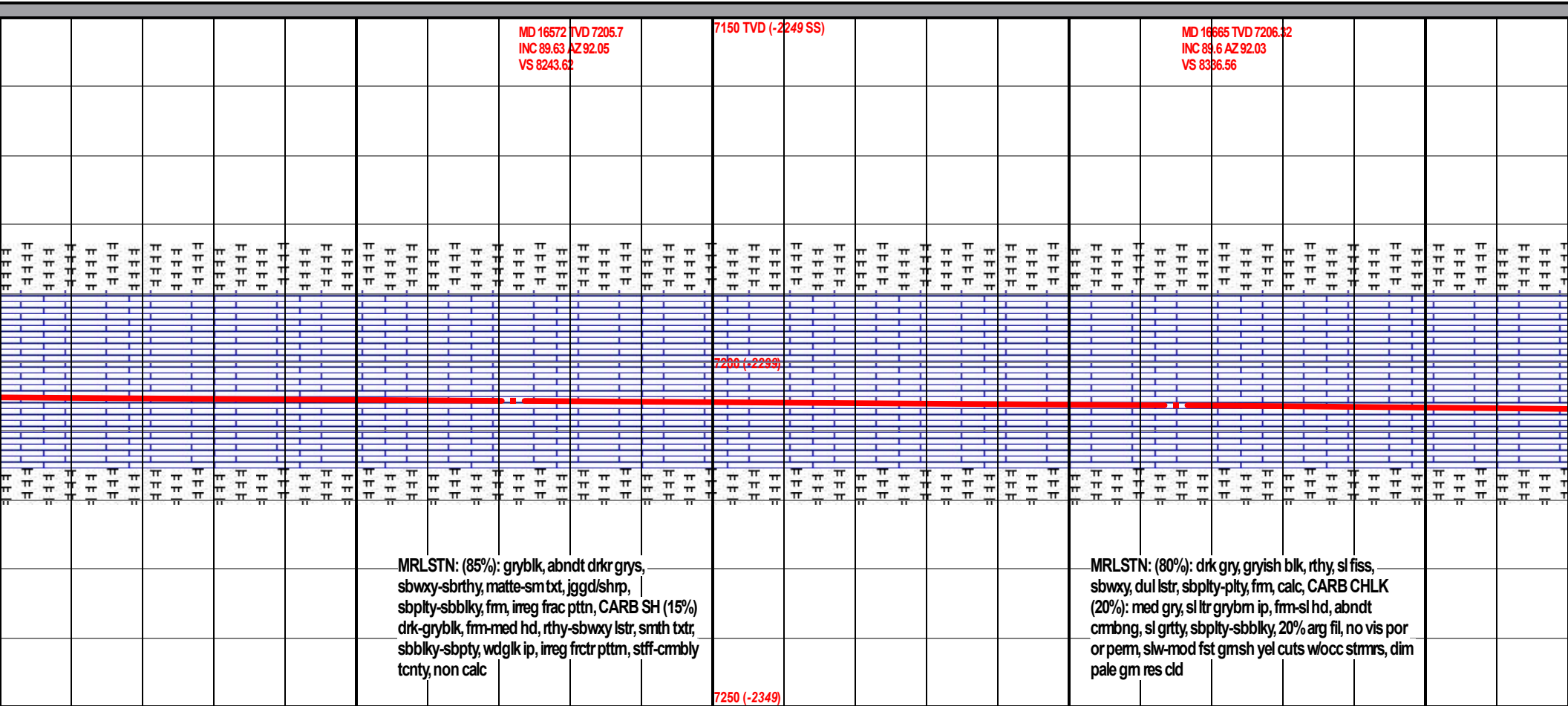
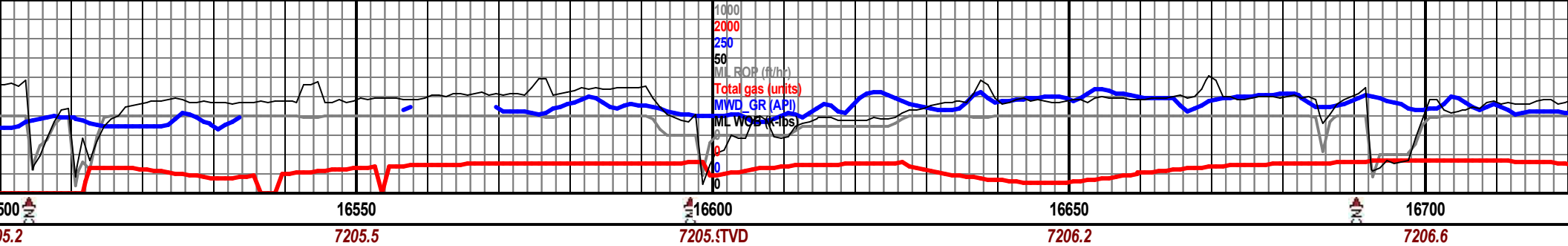


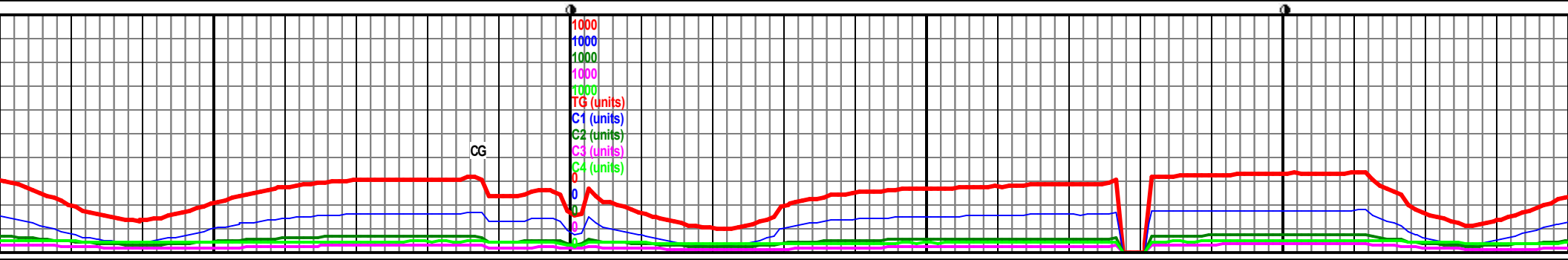
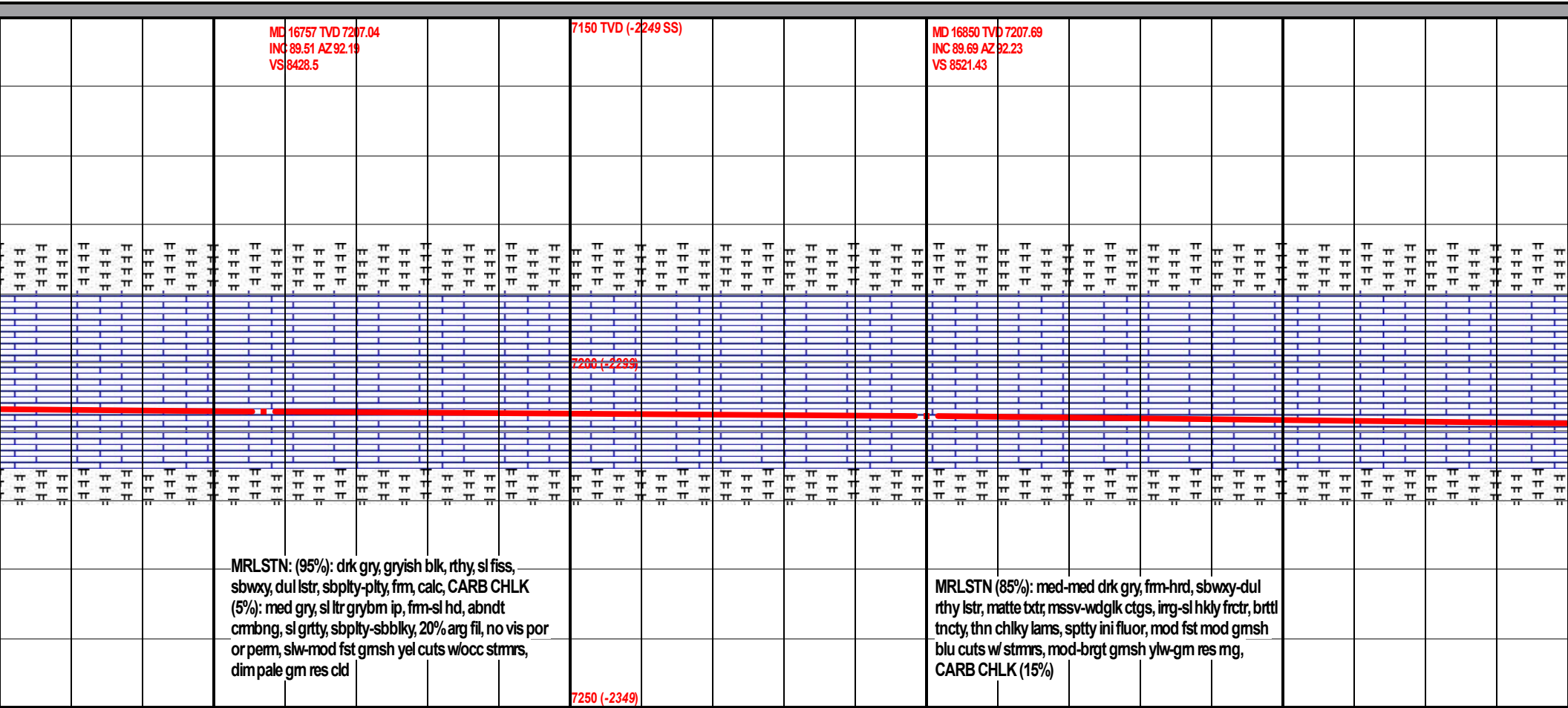
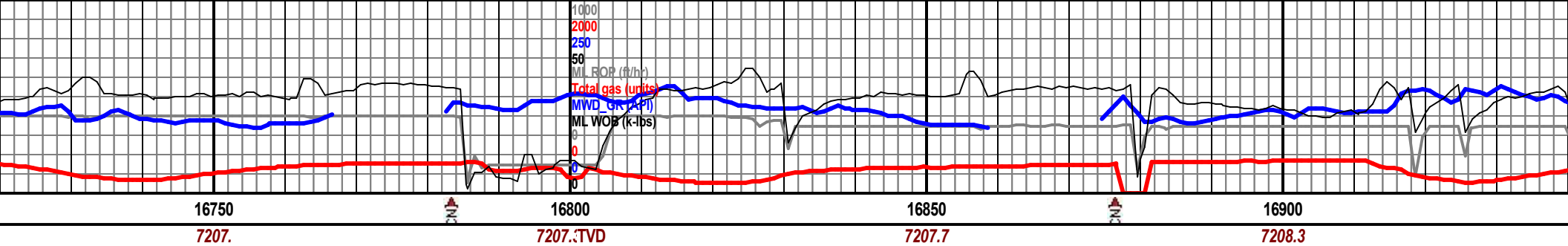


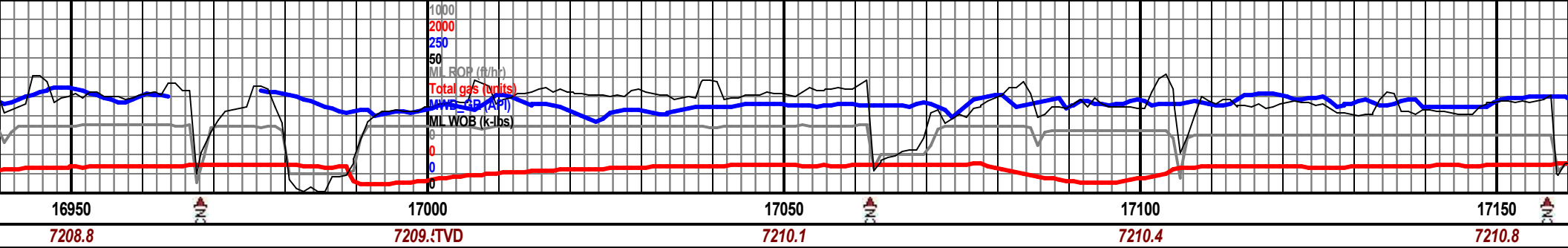




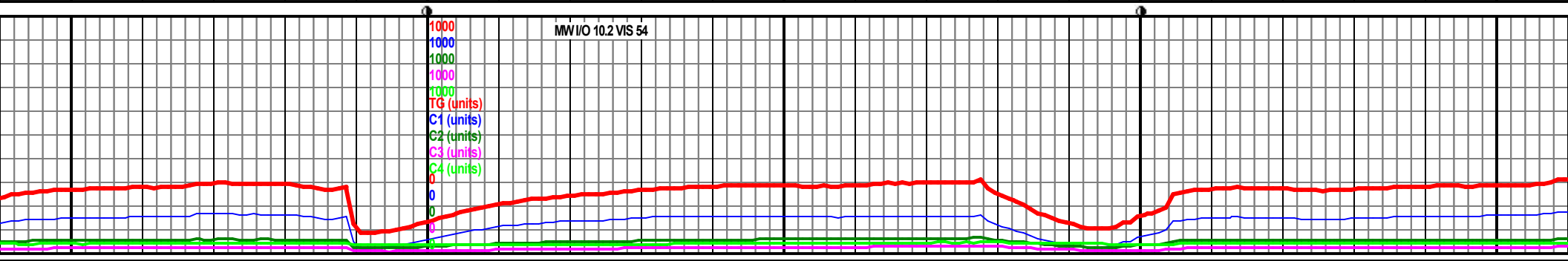


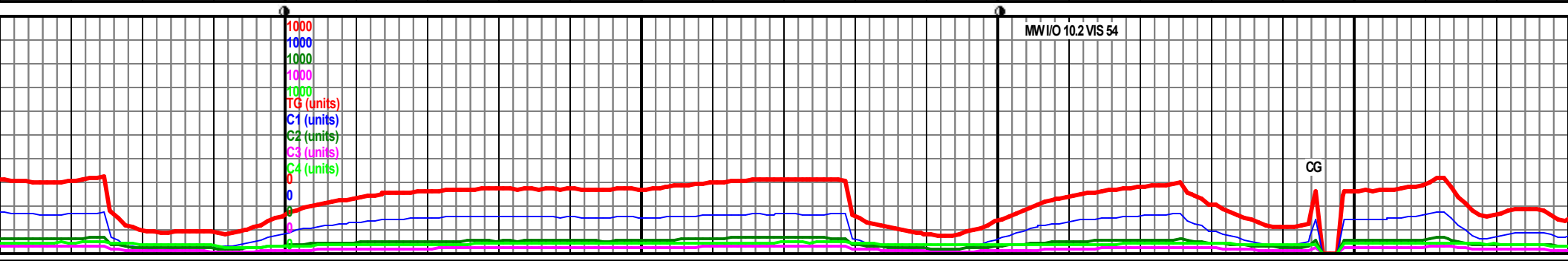
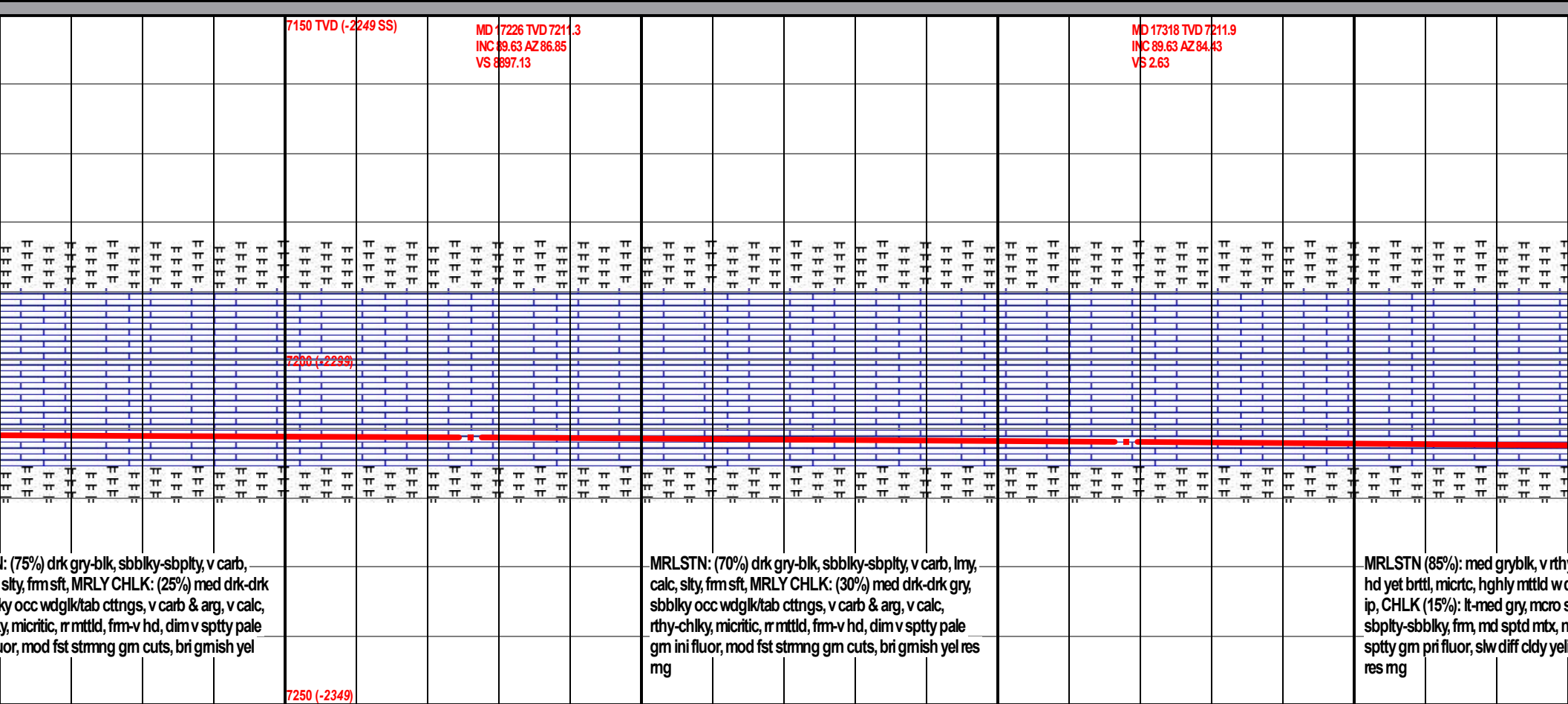
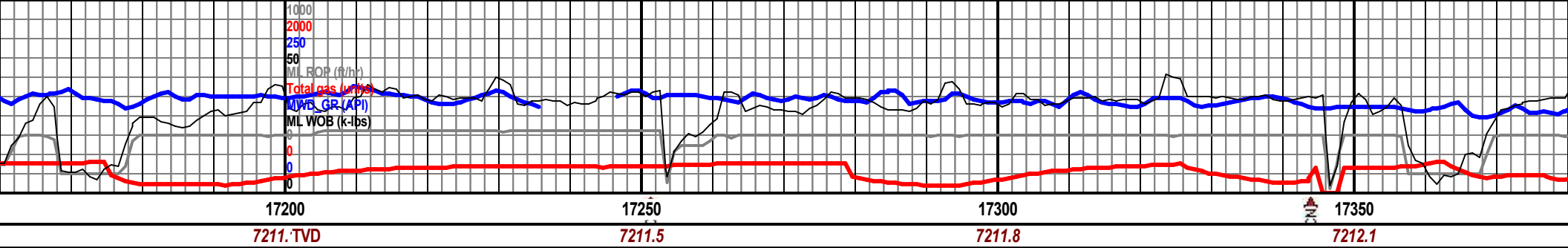


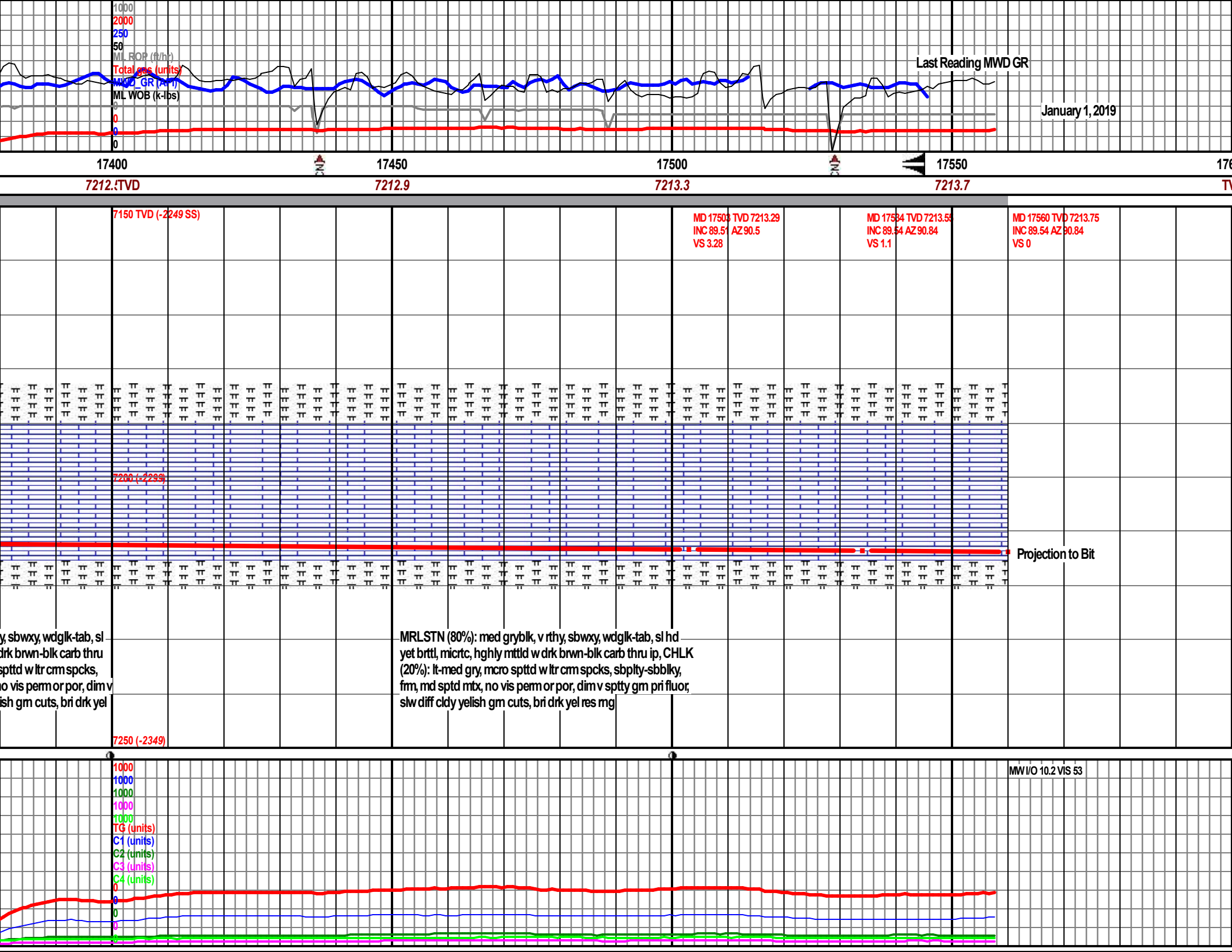




MD 1694 TVD 7208.74 INC 89.02 AZ 92.76 VS 8614.83										7150 TVD (-2249 SS)										MD 17036 TVD 7209.95 INC 89.48 AZ 90.51 VS 8707.28																				MD 17131 TVD 7210.69 INC 89.63 AZ 87.42 VS 8802.25																													
TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT TT 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