

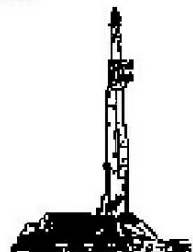
GOOLSBY BROTHERS
and associates, inc.

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 23C-22-M
API: 051234437300
Location: SE/SE Section 20 T6N R66W Weld County, CO.
License Number:
Spud Date: April 28, 2017
Surface Coordinates: 585' FSL 1122' FEL SESE Sec. 20 T6N R66W
Latitude 40.467917 Longitude -104.796422
Bottom Hole Planned: 1177' FSL 2608' FWL Sec: 21 Twp: 6N 66W
Coordinates: Projected: 1191' FSL 2623' FWL Sec: 21 Twp: 6N 66W
Ground Elevation (ft): 4,734' K.B. Elevation (ft): 4,759'
Logged Interval (ft): 6700' To: 15,425' Total Depth (ft): 15,425' DMTD
Formation: Codell
Type of Drilling Fluid: OBM (LSND Surface).

Region: Wattenberg
Drilling Completed: April 30, 2017

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 15414' MD.

Casing

9 5/8" Surface Casing pre set @ 1,776' MD.

5 1/2" 20# CDC-HDQ HCP-110 Production Liner Run to 15,409'.

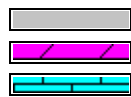
Comments

- 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: Matthew Leopold, Baker Remote Field Operations.
- 5) Gas Equipment: Pason Gas Analyzer (Spectrometer)
- 6) Wellsite Geologist: Blake Stacey, & Dallan Gardner

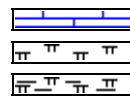
ROCK TYPES



Bent
Cht
Clyst



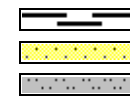
Oil sat.
Dol
Lmst



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

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



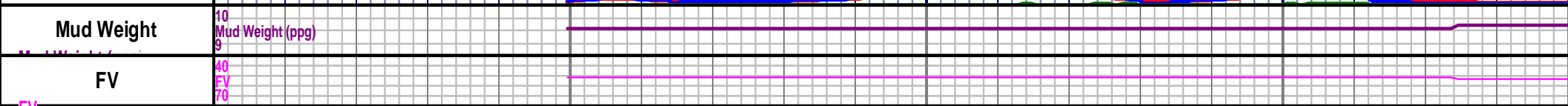
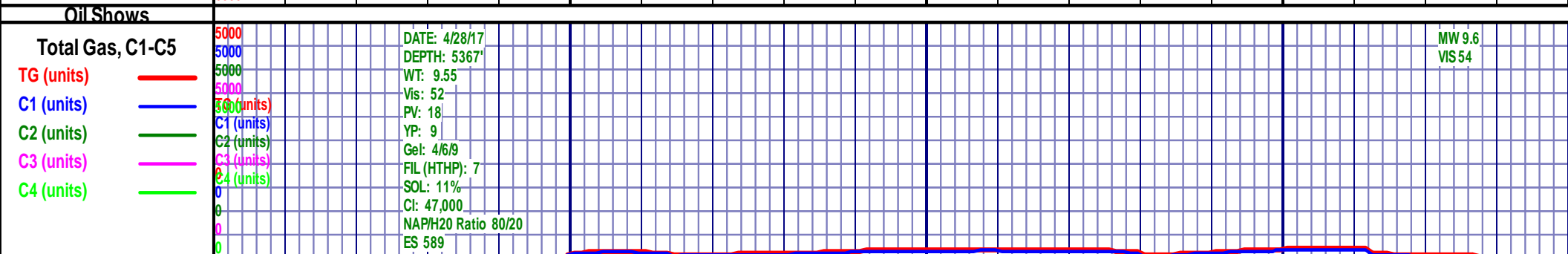
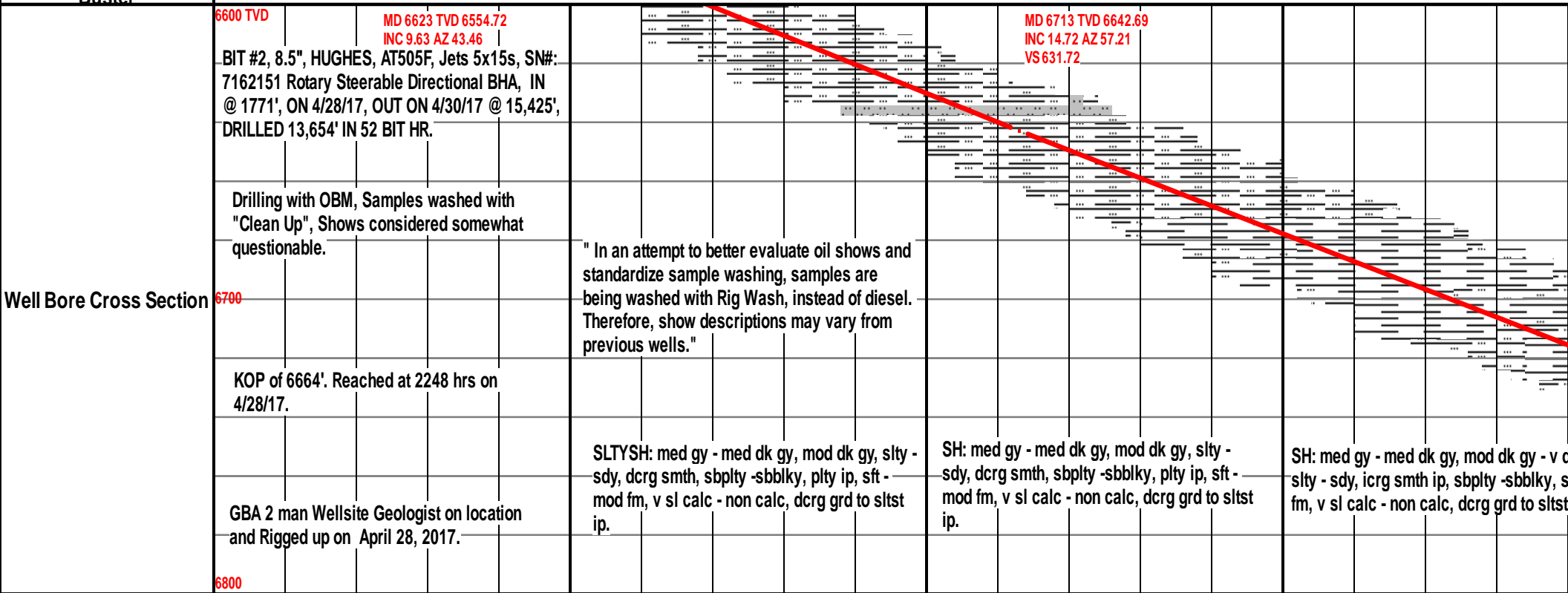
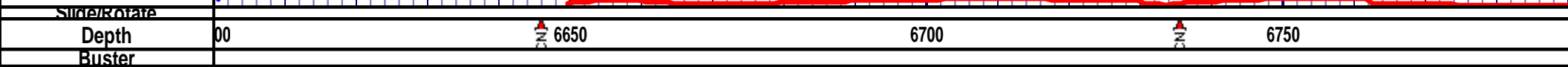
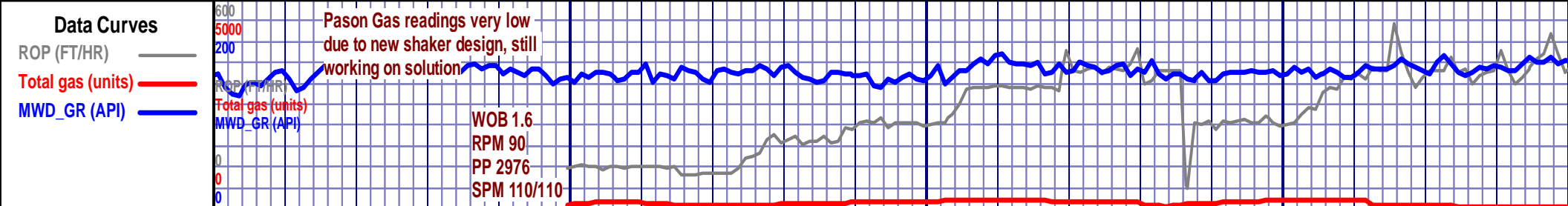
Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

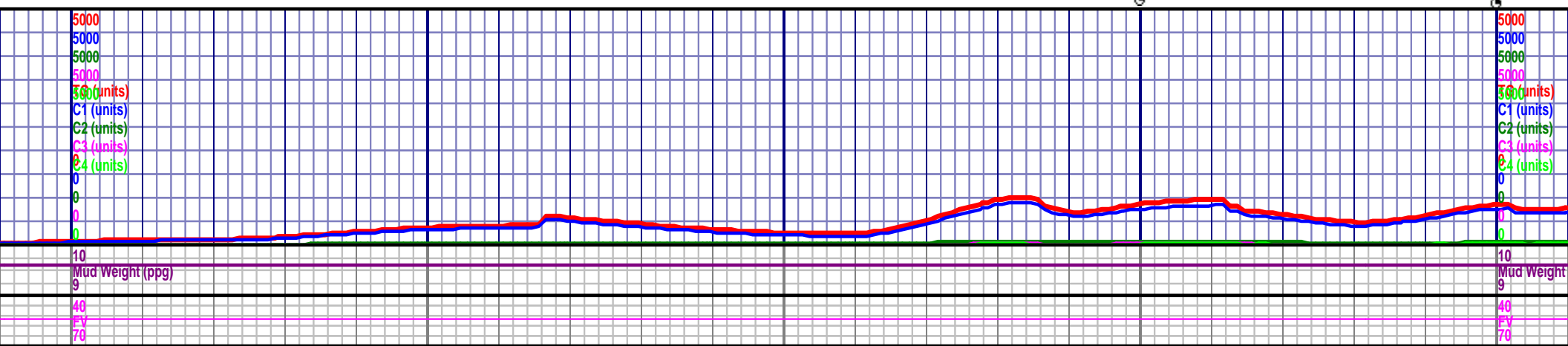
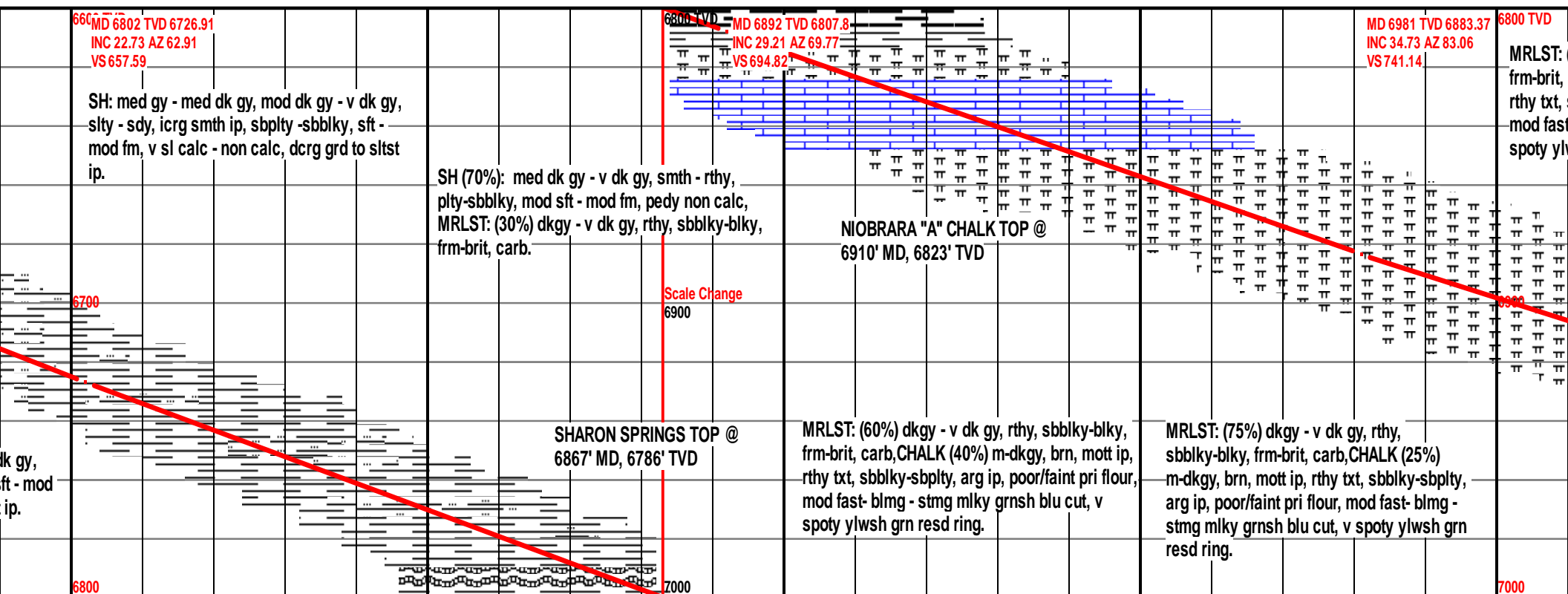
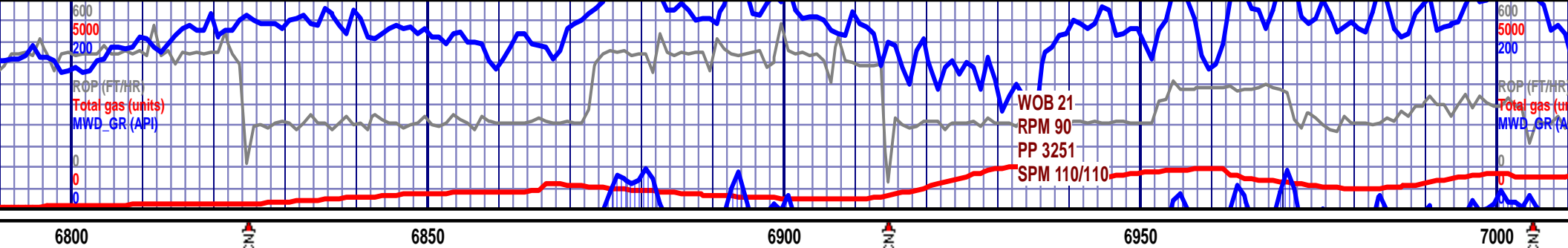
ROUNDING

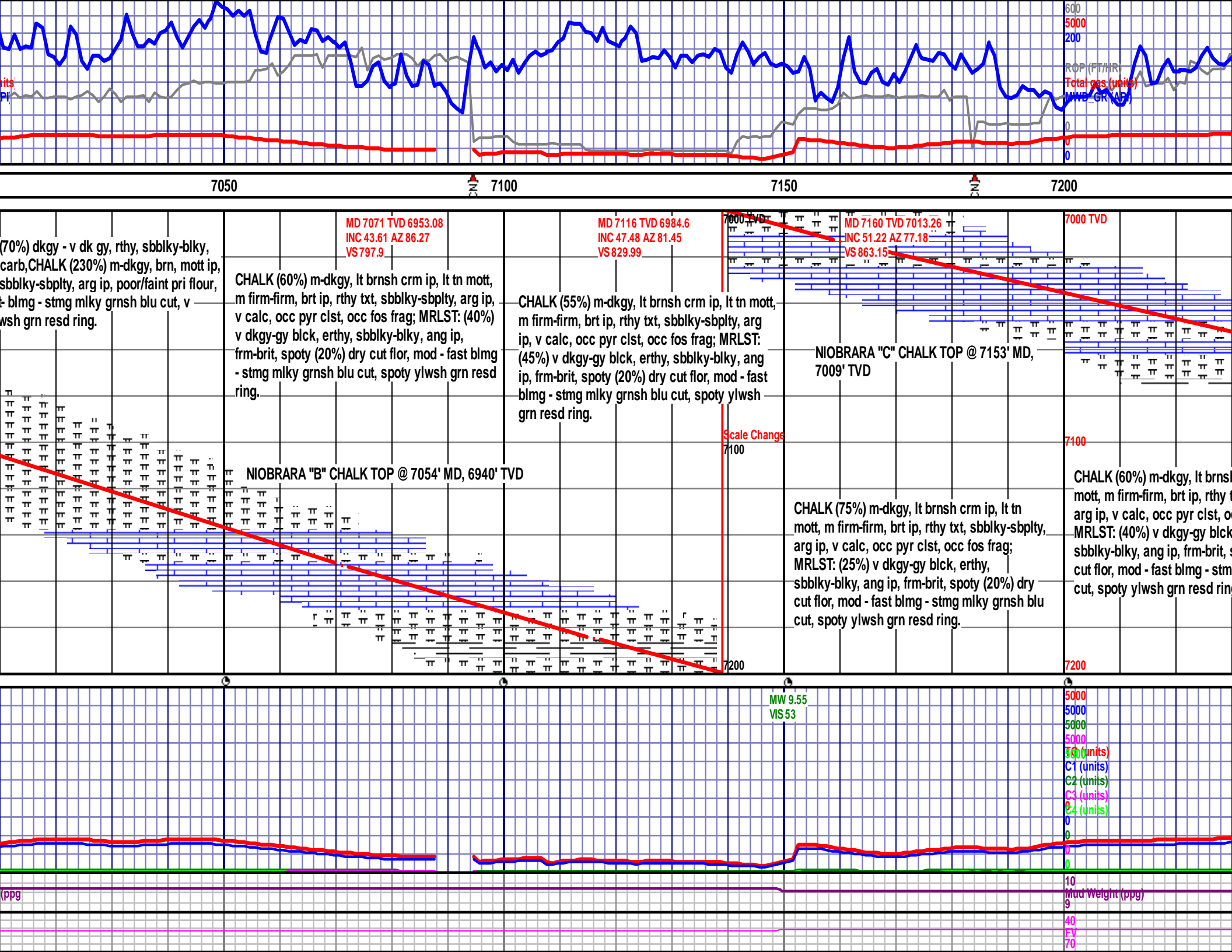
Rounded
 Subrnd
 Subang
 Angular

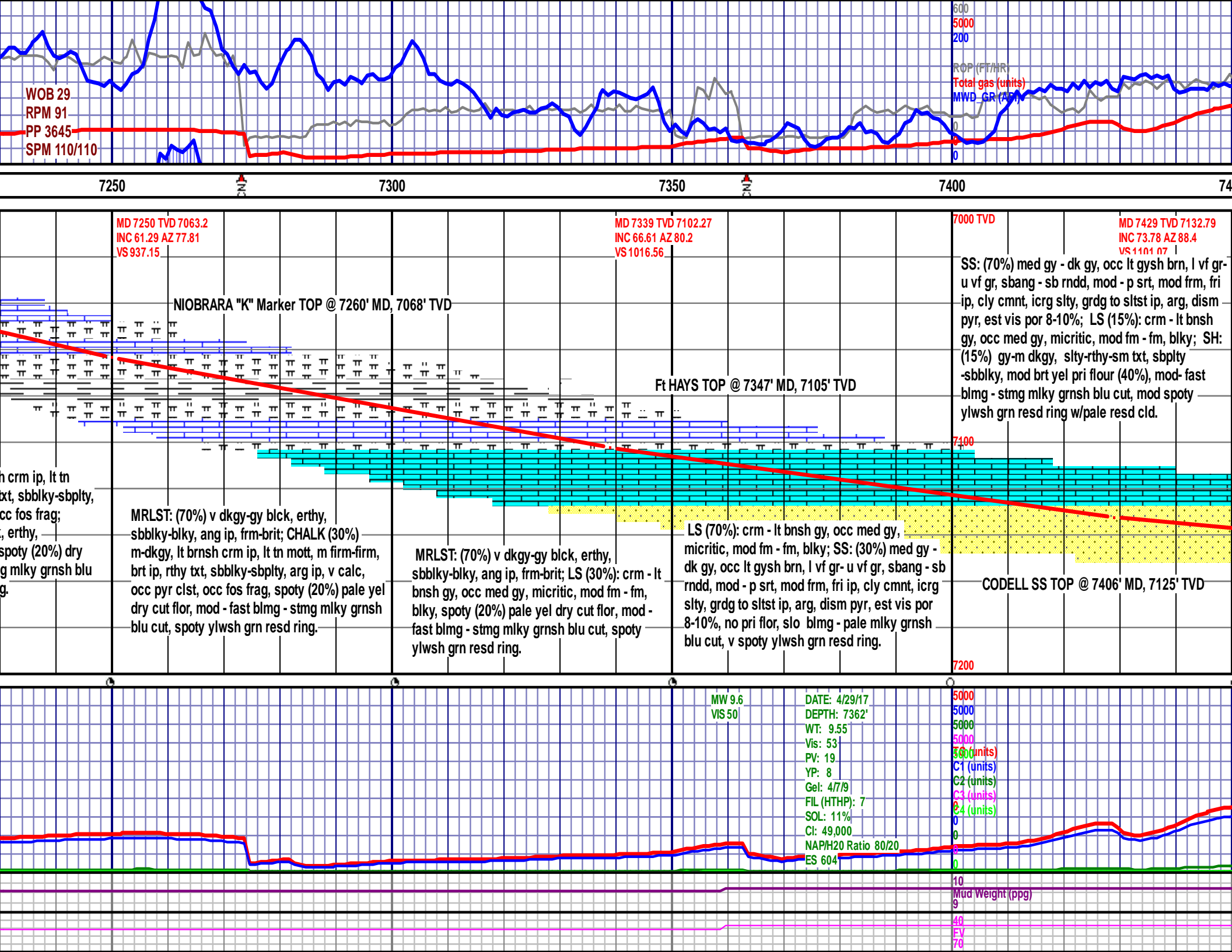
SORTING

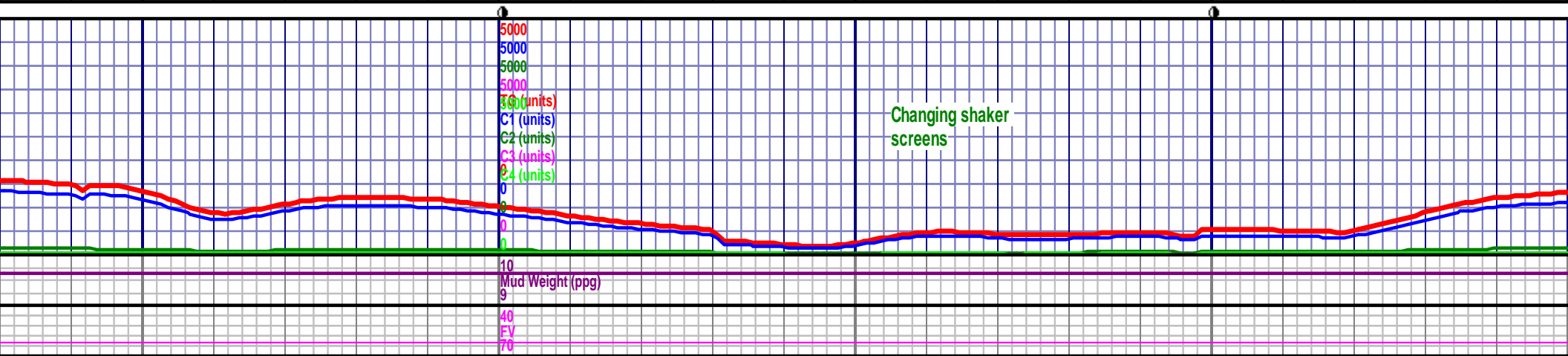
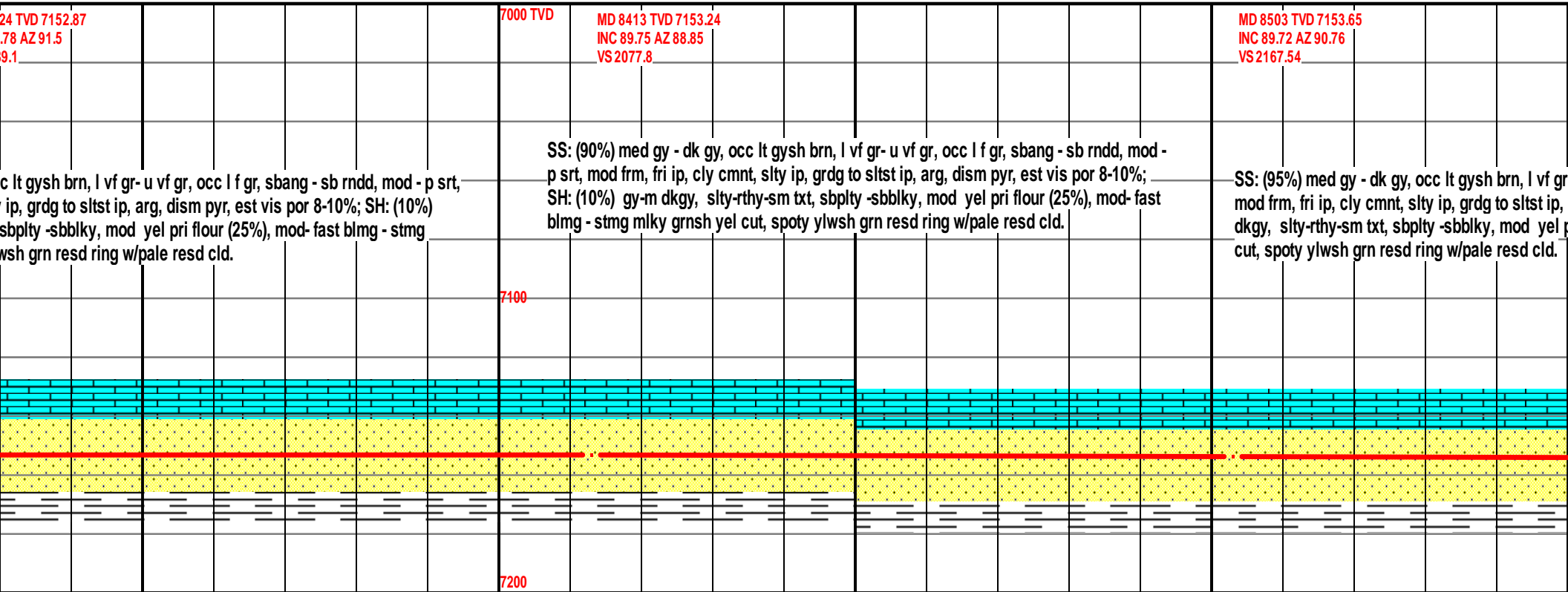
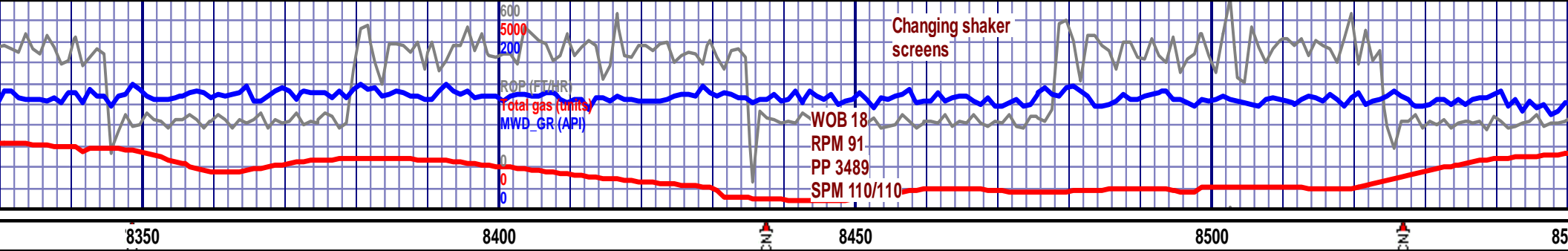
Well
 Moderate
 Poor

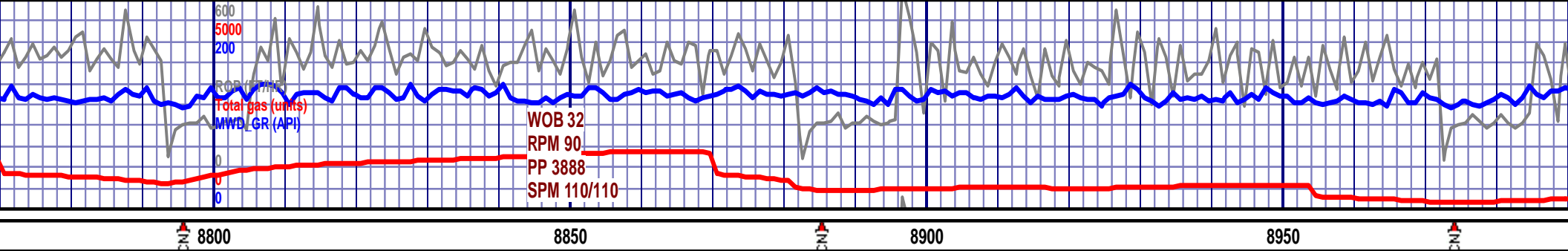




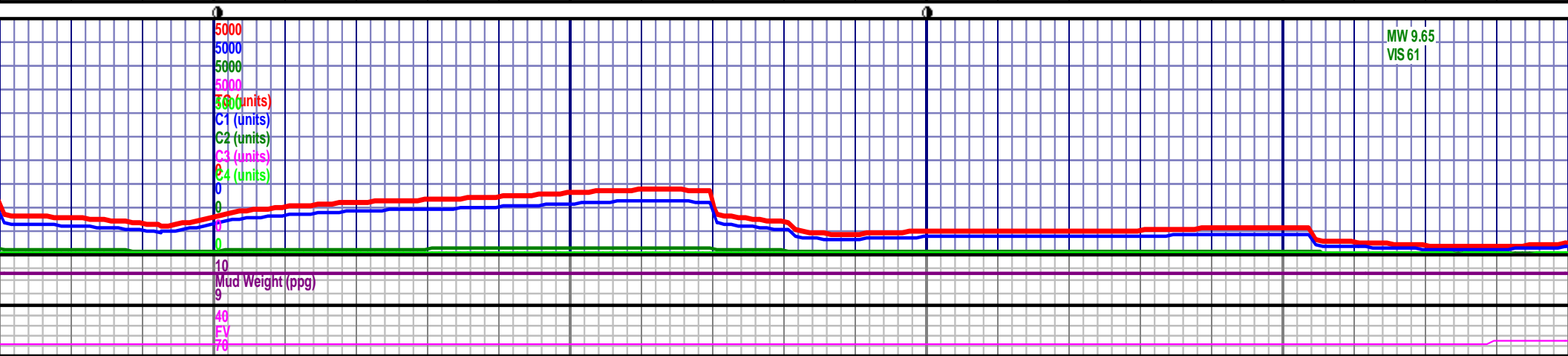


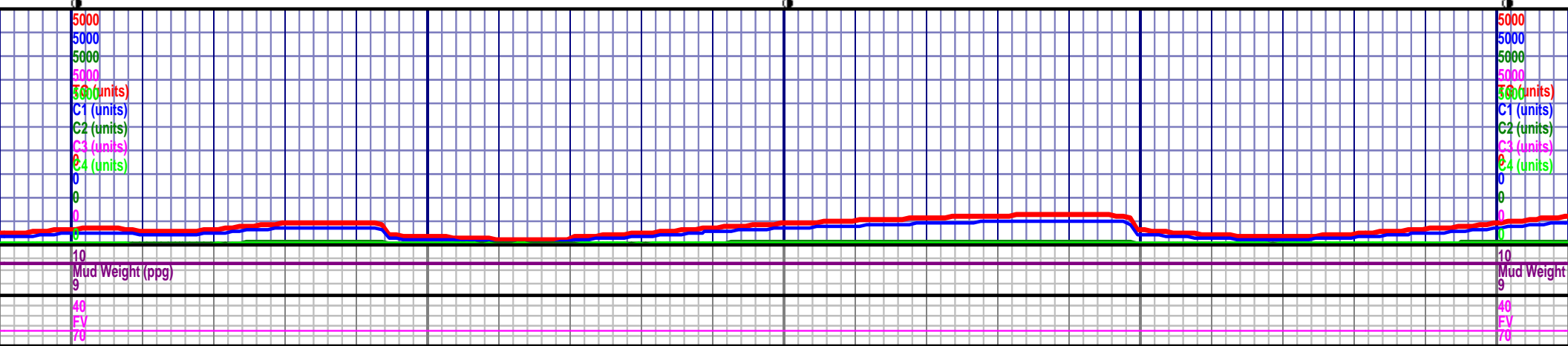
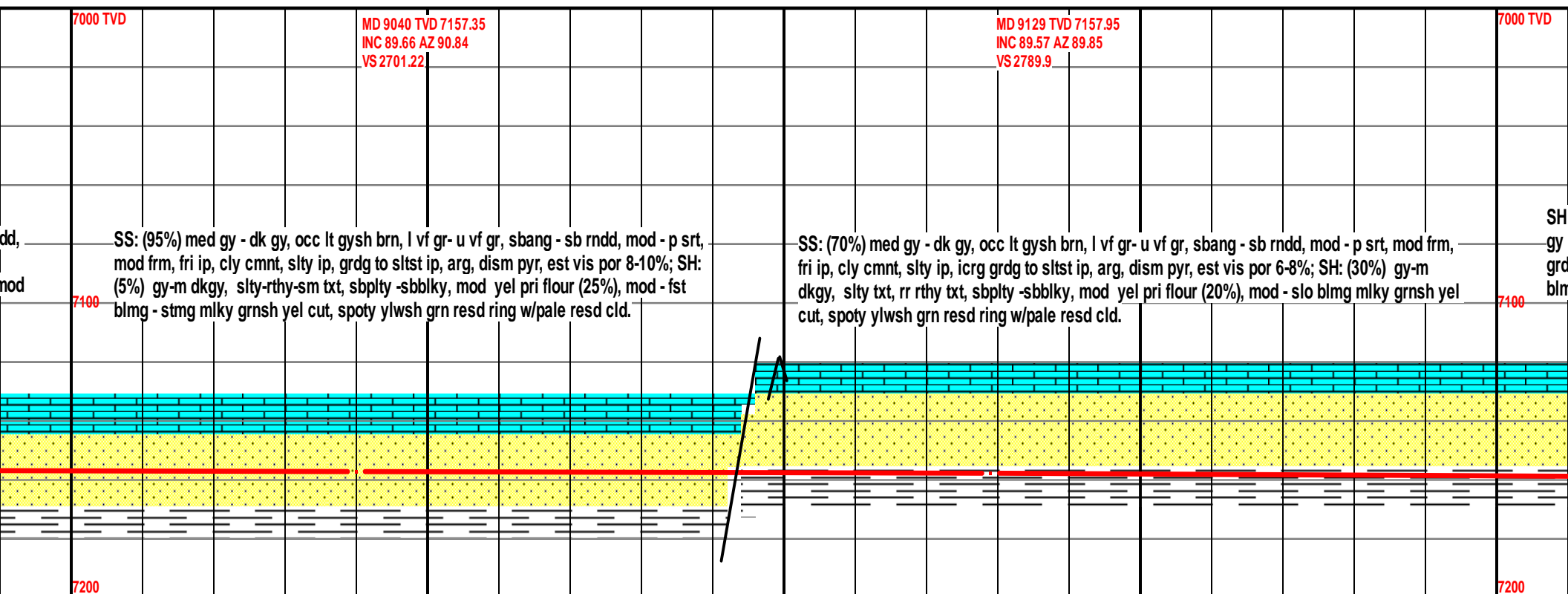
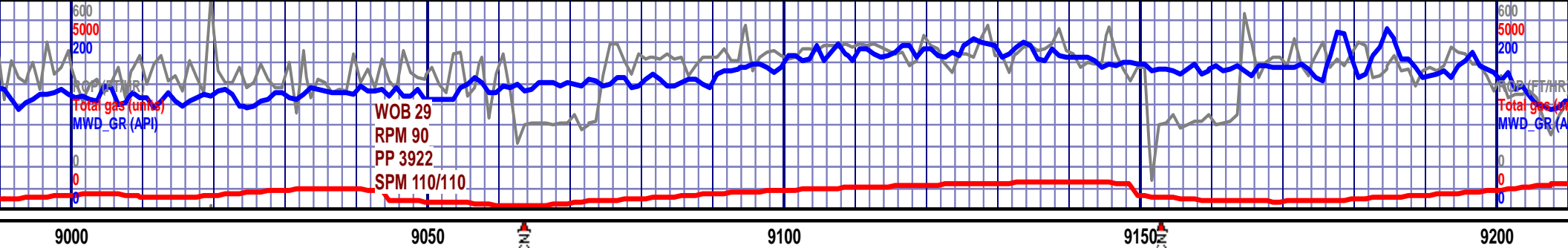


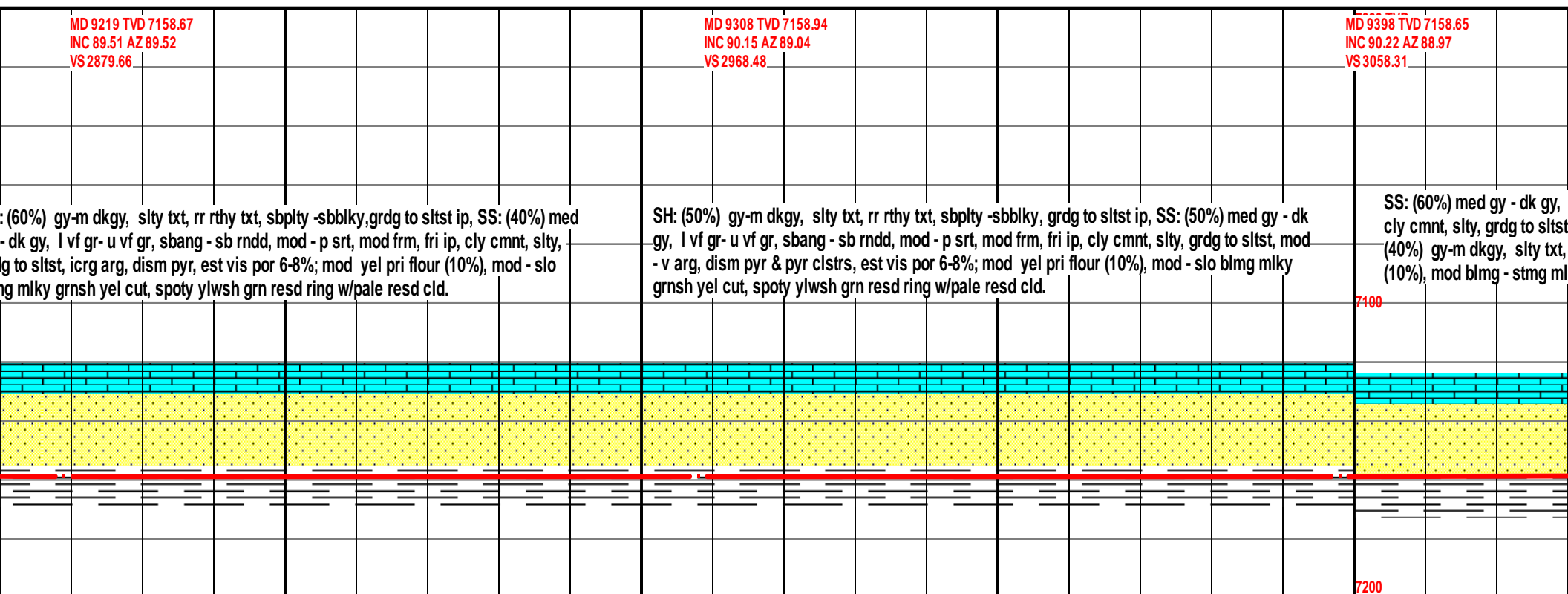


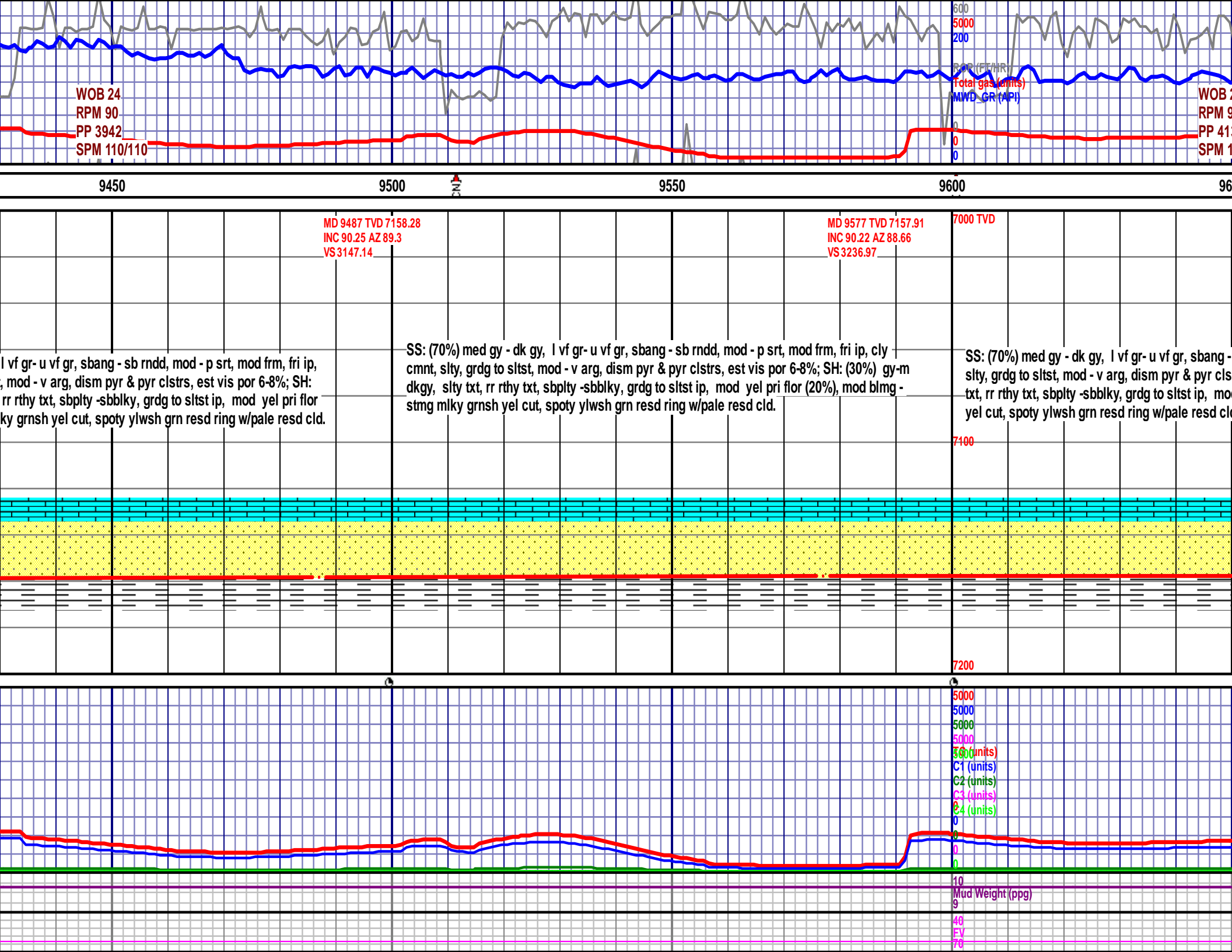


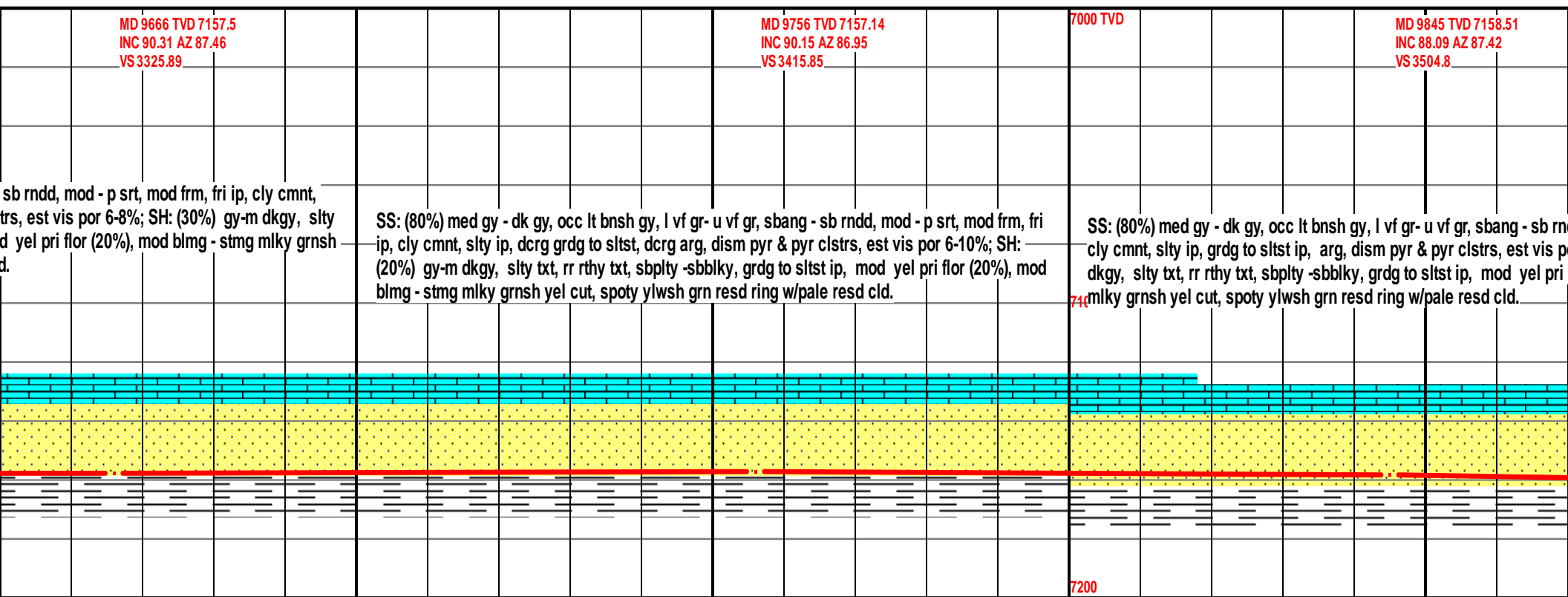
| | | | |
|--|--|--|---|
| <p>MD 8772 TVD 7155.25 INC 89.42 AZ 92.45 VS 2434.79</p> <p>cl f gr, sbang - sb arg, dism pyr, est vis mod yel pri flour ring w/pale resd cld.</p> | <p>7000 TVD</p> <p>SS: (95%) med gy - dk gy, occ lt gysh brn - lt gy, l vf gr- u vf gr, occ l f gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty ip, grdg to sltst ip, arg, dism pyr, est vis por 8-10%; SH: (5%) gy-m dkgy, slty-rthy-sm txt, sbply -sbbkly, mod yel pri flour (25%), mod blmg - stmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.</p> <p>7100</p> | <p>MD 8861 TVD 7156.01 INC 89.6 AZ 91.94 VS 2523.19</p> <p>SS: (95%) med gy - dk gy, occ lt gysh brn - lt gy, l vf gr- u vf gr, occ l f gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty ip, grdg to sltst ip, arg, dism pyr, est vis por 8-10%; SH: (5%) gy-m dkgy, slty-rthy-sm txt, sbply -sbbkly, mod yel pri flour (25%), n - fst stmg - blmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.</p> | <p>MD 8950 TVD 7156.7 INC 89.51 AZ 91.59 VS 2611.66</p> |
|--|--|--|---|

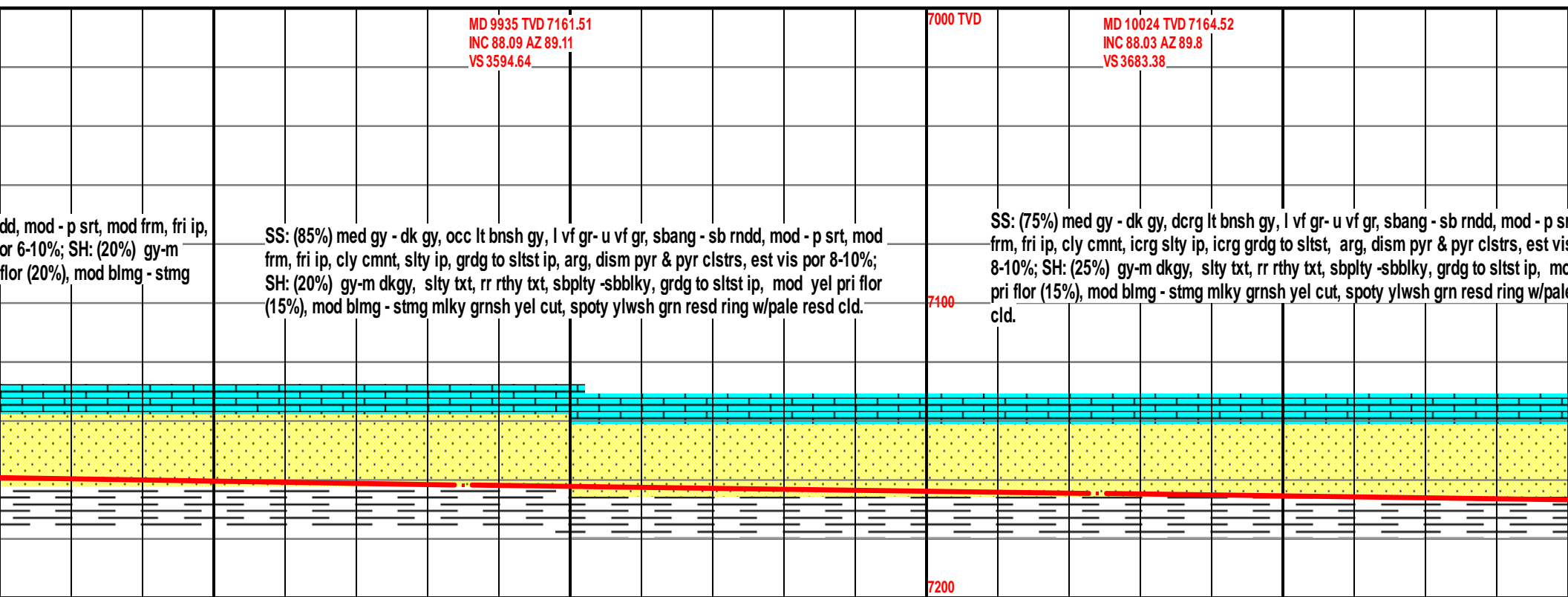


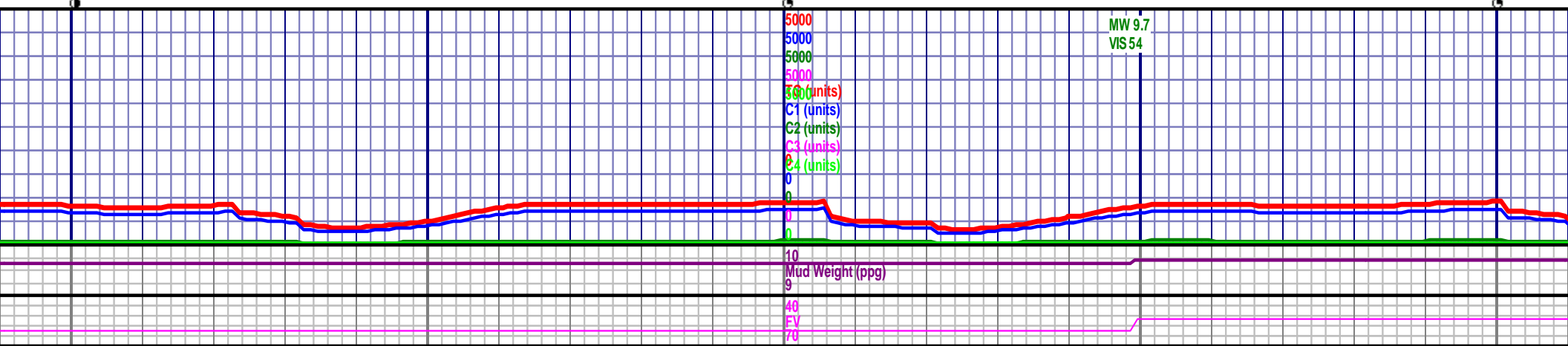
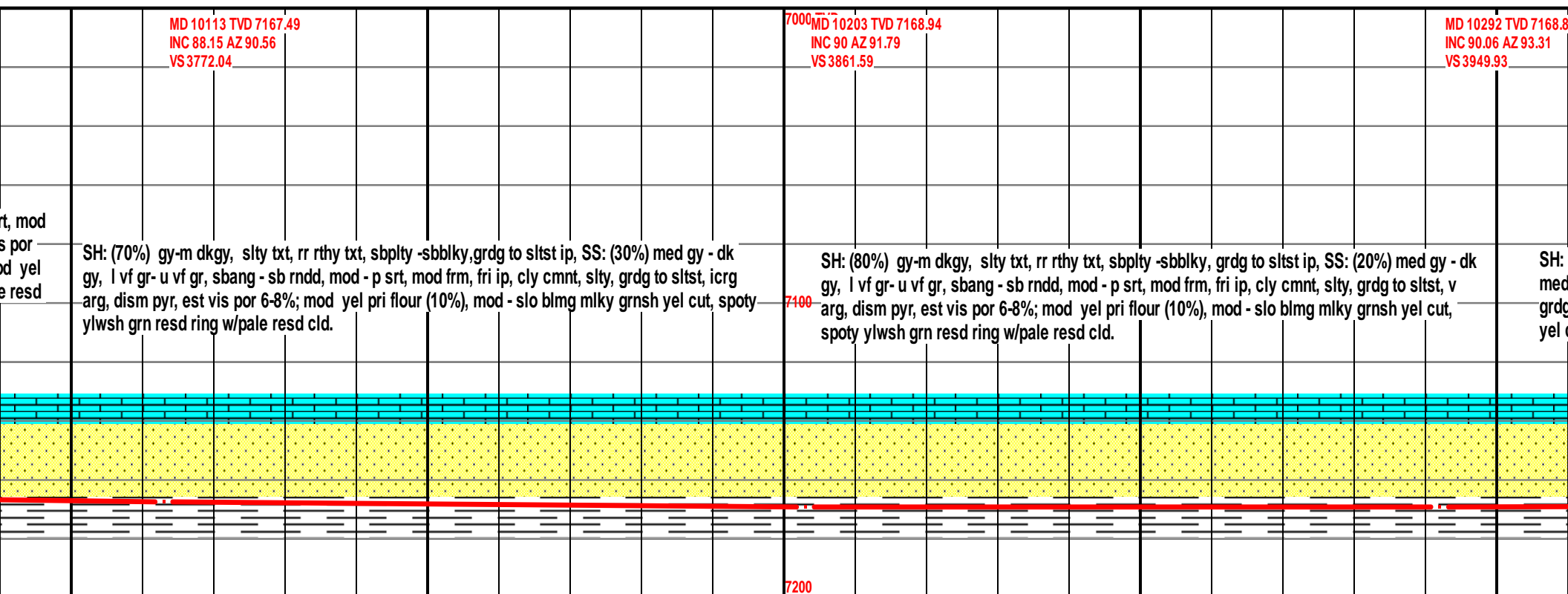
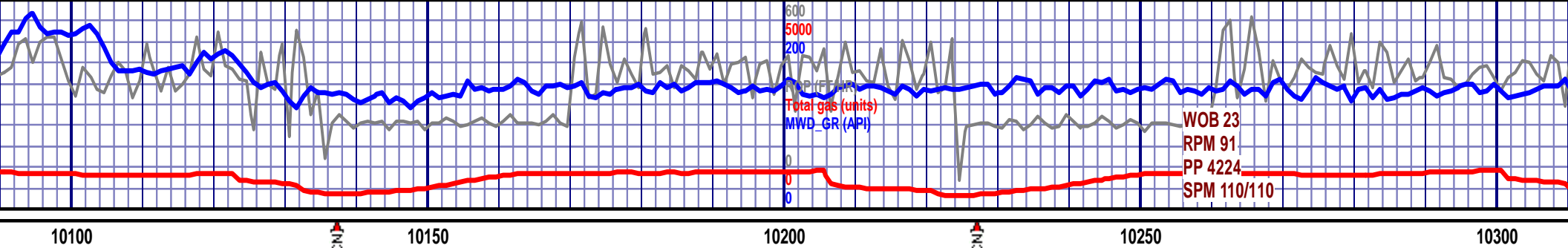


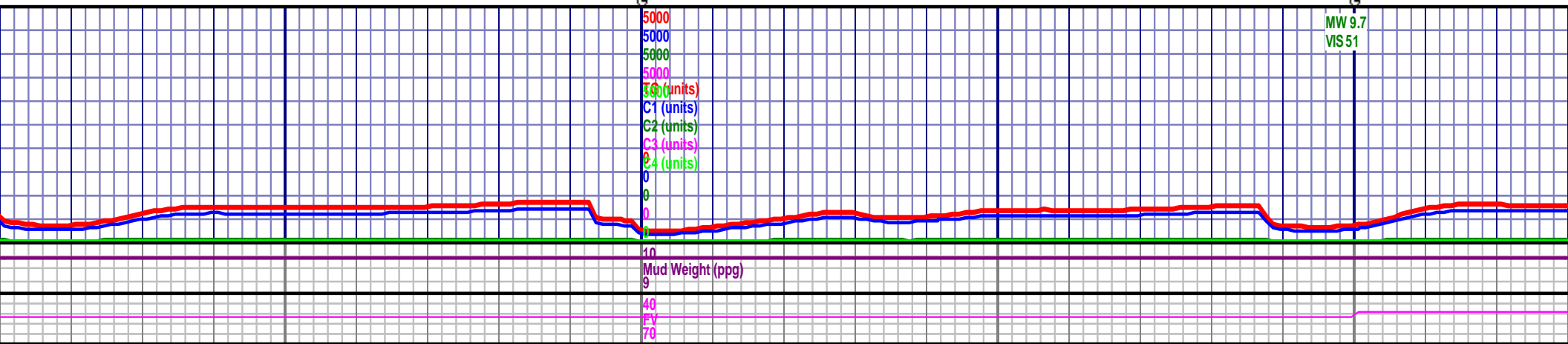
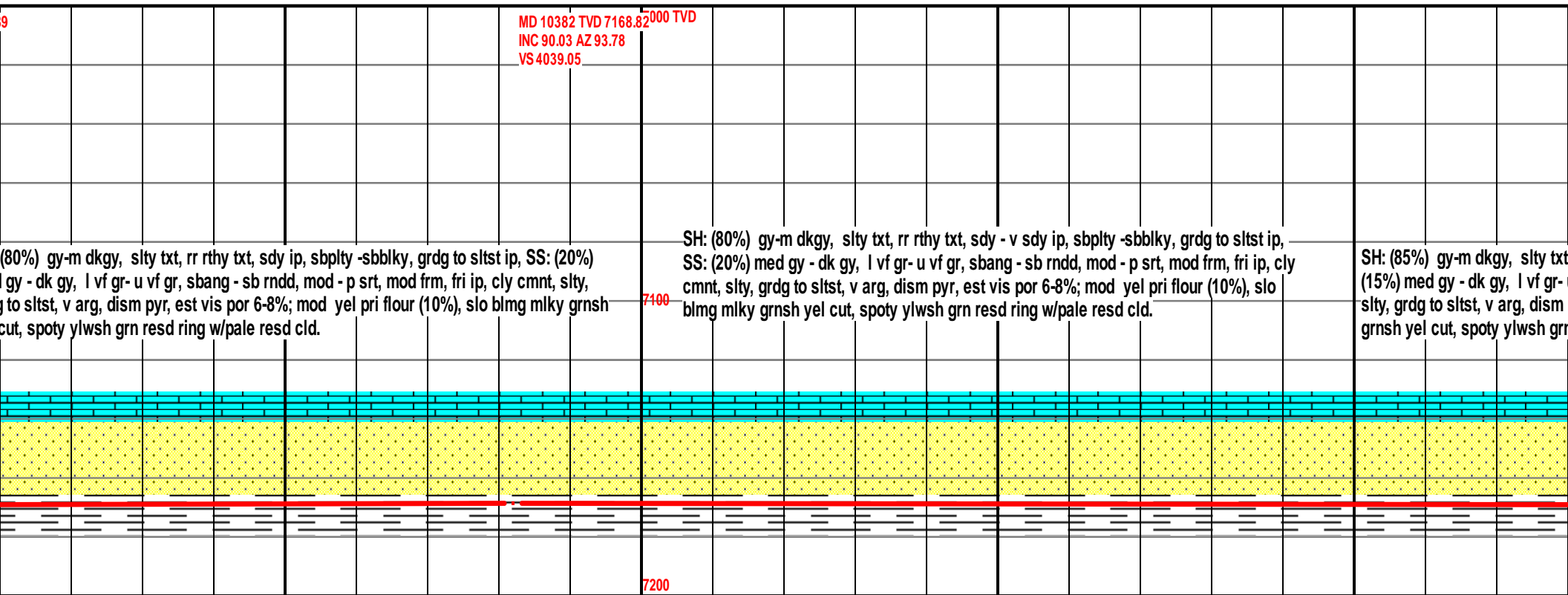
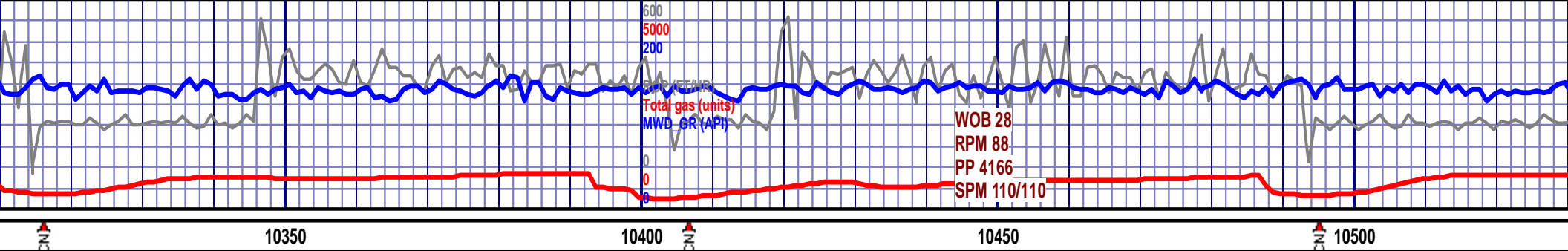


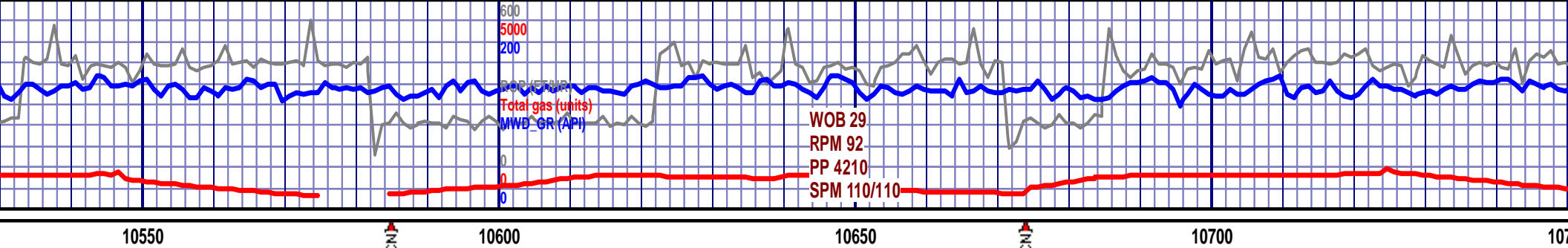




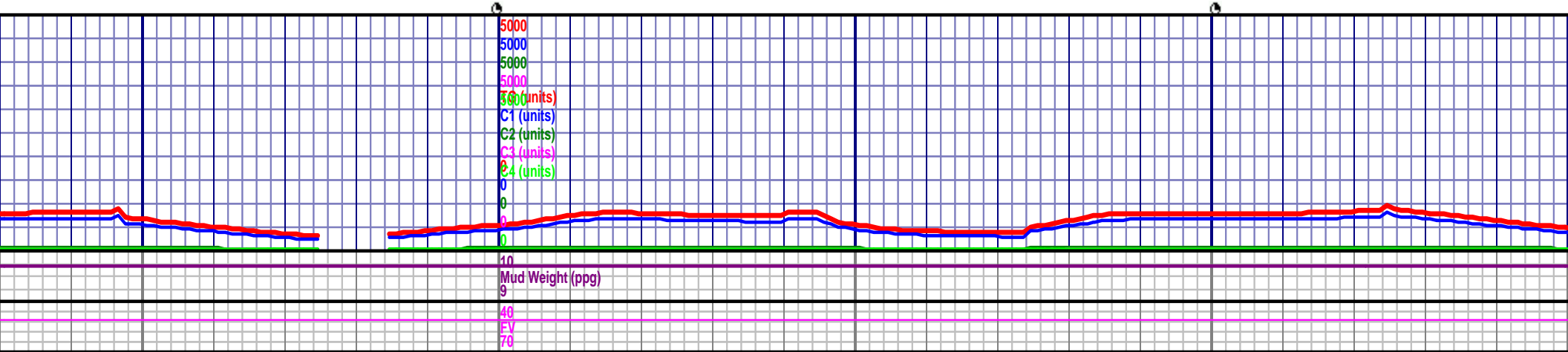


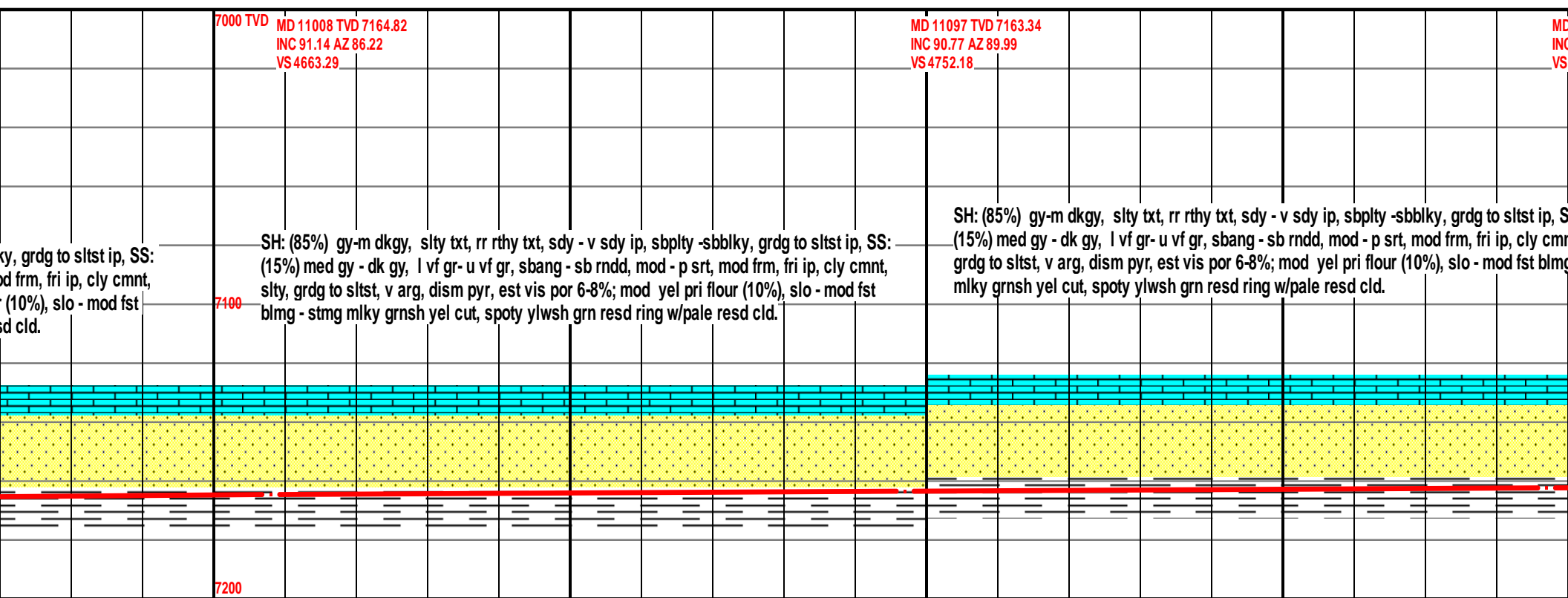


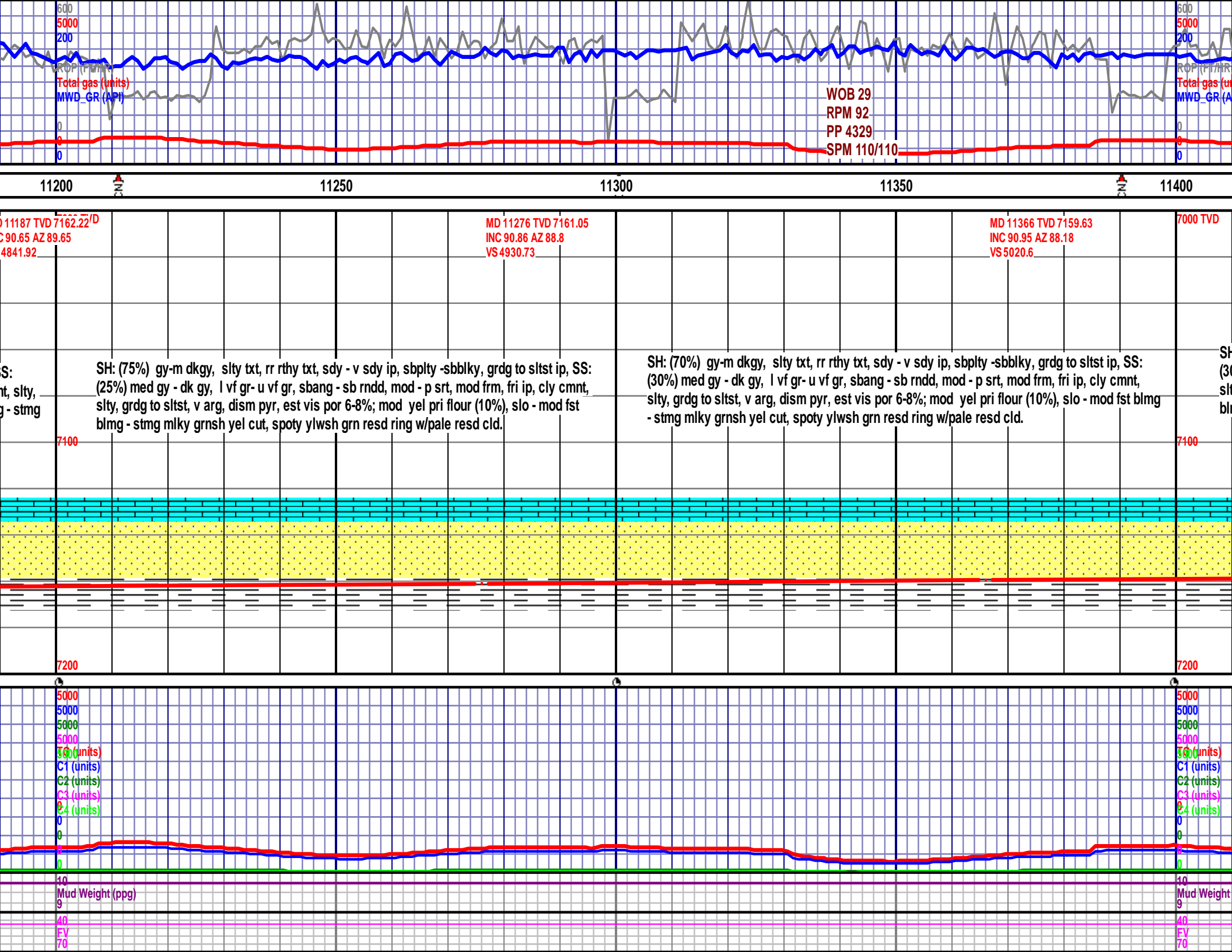


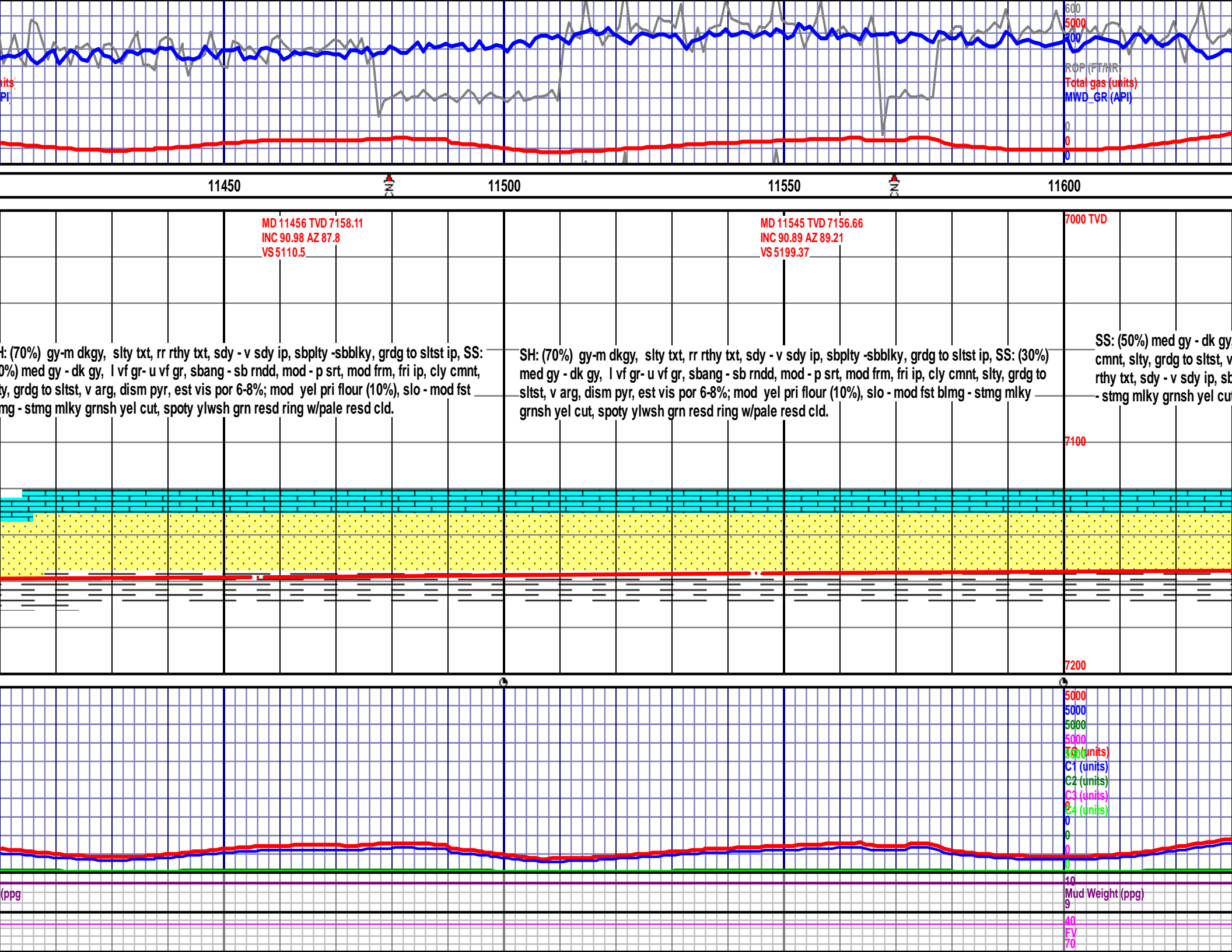


| | | | |
|--|--|--|--|
| <p>MD 10561 TVD 7169.01 INC 89.85 AZ 89.77 VS 4216.96</p> <p>rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, pyr, est vis por 6-8%; mod yel pri flour (10%), slo blmg mlky n resd ring w/pale resd cld.</p> | <p>7000 TVD</p> <p>SH: (85%) gy-m dkgy, slty txt, rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: (15%) med gy - dk gy, l vf gr- u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty, grdg to sltst, v arg, dism pyr, est vis por 6-8%; mod yel pri flour (10%), slo blmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.</p> | <p>MD 10650 TVD 7168.55 INC 90.74 AZ 89.58 VS 4305.73</p> <p>SH: (85%) gy-m dkgy, slty txt, rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: (15%) med gy - dk gy, l vf gr- u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty, grdg to sltst, v arg, dism pyr, est vis por 6-8%; mod yel pri flour (10%), slo blmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.</p> | <p>MD 10740 TVD 7168.55 INC 90.62 AZ 89.58 VS 4395.54</p> <p>SH: (85%) gy-m dkgy, slty txt, rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: (15%) med gy - dk gy, l vf gr- u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty, grdg to sltst, v arg, dism pyr, est vis por 6-8%; mod yel pri flour (10%), slo blmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.</p> |
|--|--|--|--|









Units
API

ROP (FT/MR)
Total gas (units)
MWD_GR (API)

11450

11500

11550

11600

MD 11456 TVD 7158.11
INC 90.98 AZ 87.8
VS 5110.5

MD 11545 TVD 7156.66
INC 90.89 AZ 89.21
VS 5199.37

7000 TVD

SH: (70%) gy-m dkgy, slty txt, rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: (30%) med gy - dk gy, l vf gr- u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty, grdg to sltst, v arg, dism pyr, est vis por 6-8%; mod yel pri flour (10%), slo - mod fst blmg - stmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.

SH: (70%) gy-m dkgy, slty txt, rr rthy txt, sdy - v sdy ip, sbply -sbbly, grdg to sltst ip, SS: (30%) med gy - dk gy, l vf gr- u vf gr, sbang - sb rndd, mod - p srt, mod frm, fri ip, cly cmnt, slty, grdg to sltst, v arg, dism pyr, est vis por 6-8%; mod yel pri flour (10%), slo - mod fst blmg - stmg mlky grnsh yel cut, spoty ylwsh grn resd ring w/pale resd cld.

SS: (50%) med gy - dk gy, cmnt, slty, grdg to sltst, v rthy txt, sdy - v sdy ip, sb - stmg mlky grnsh yel cut

7100

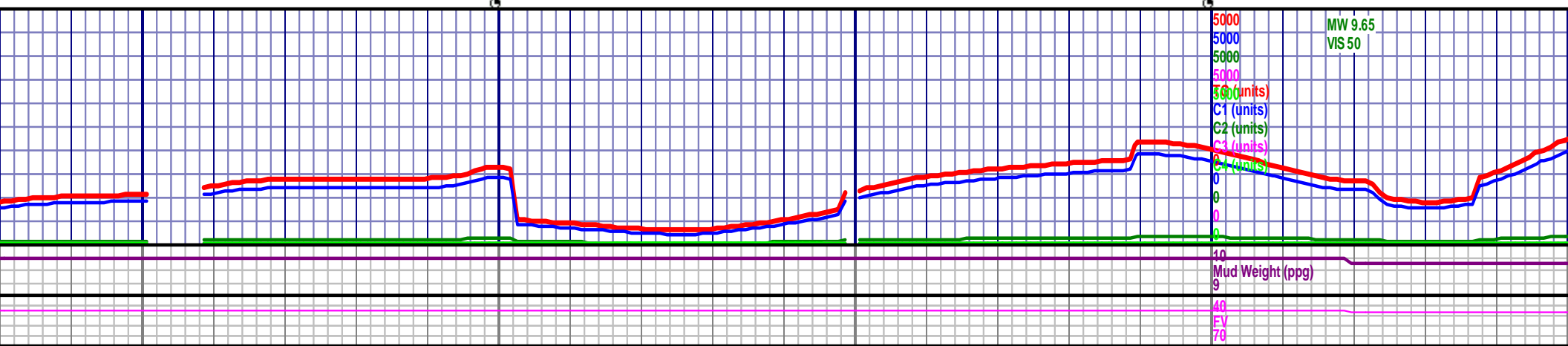
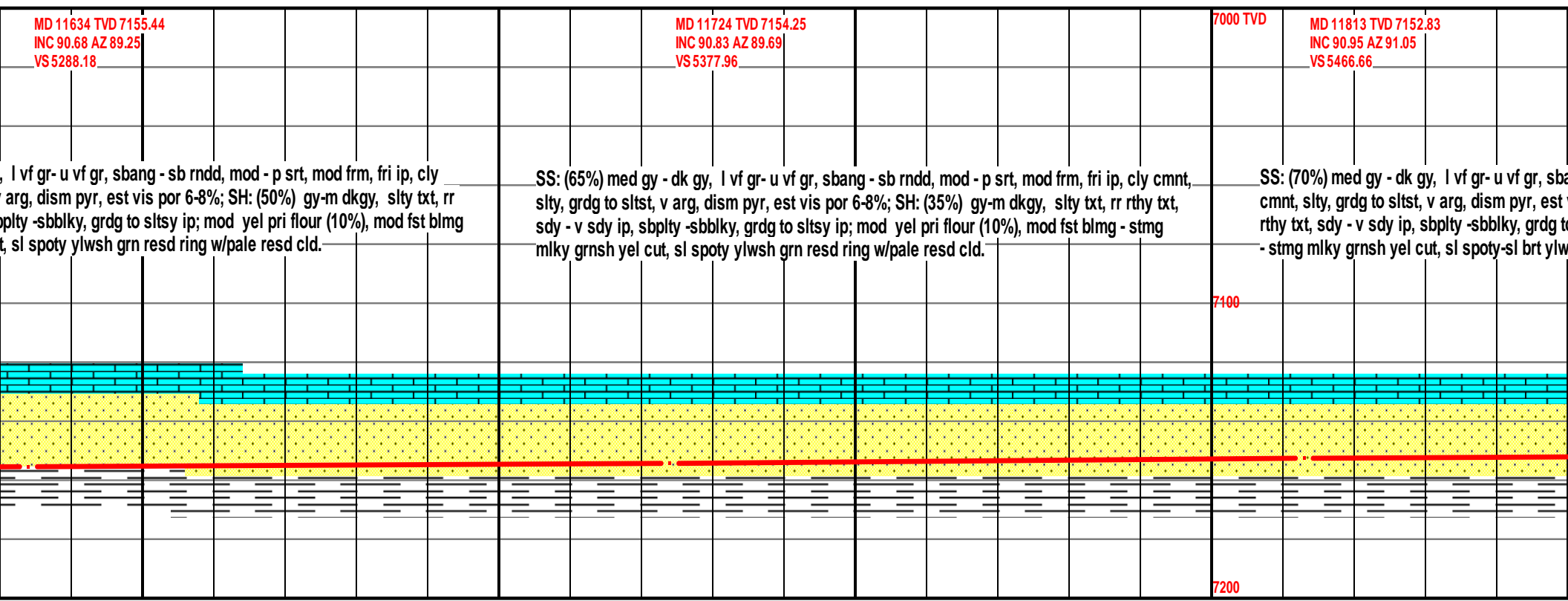
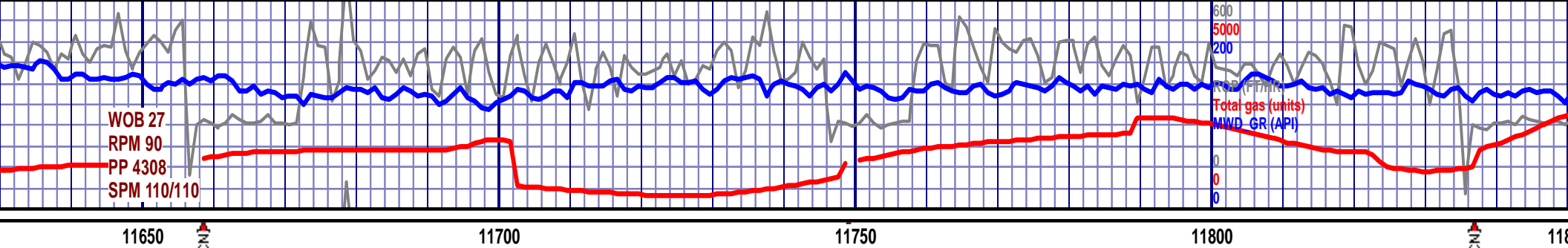
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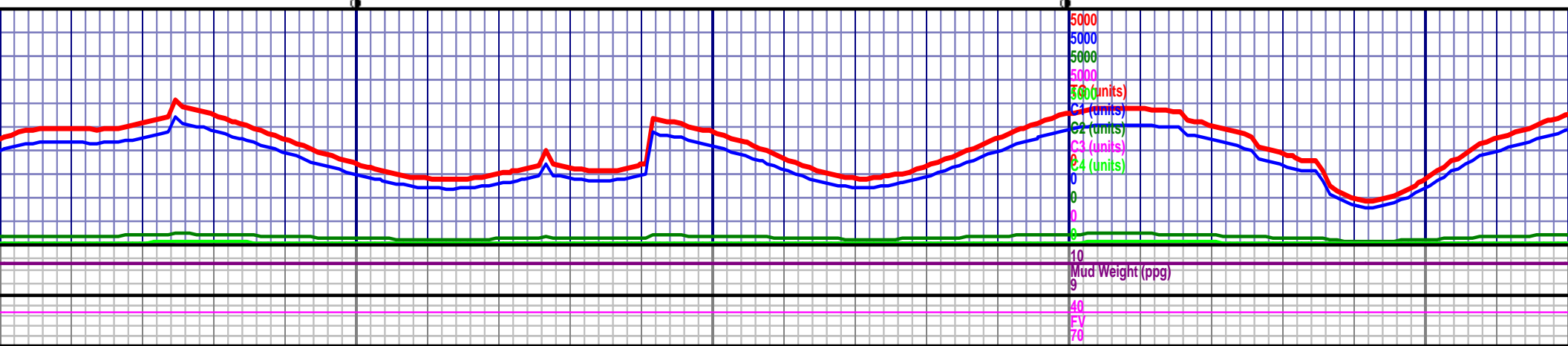
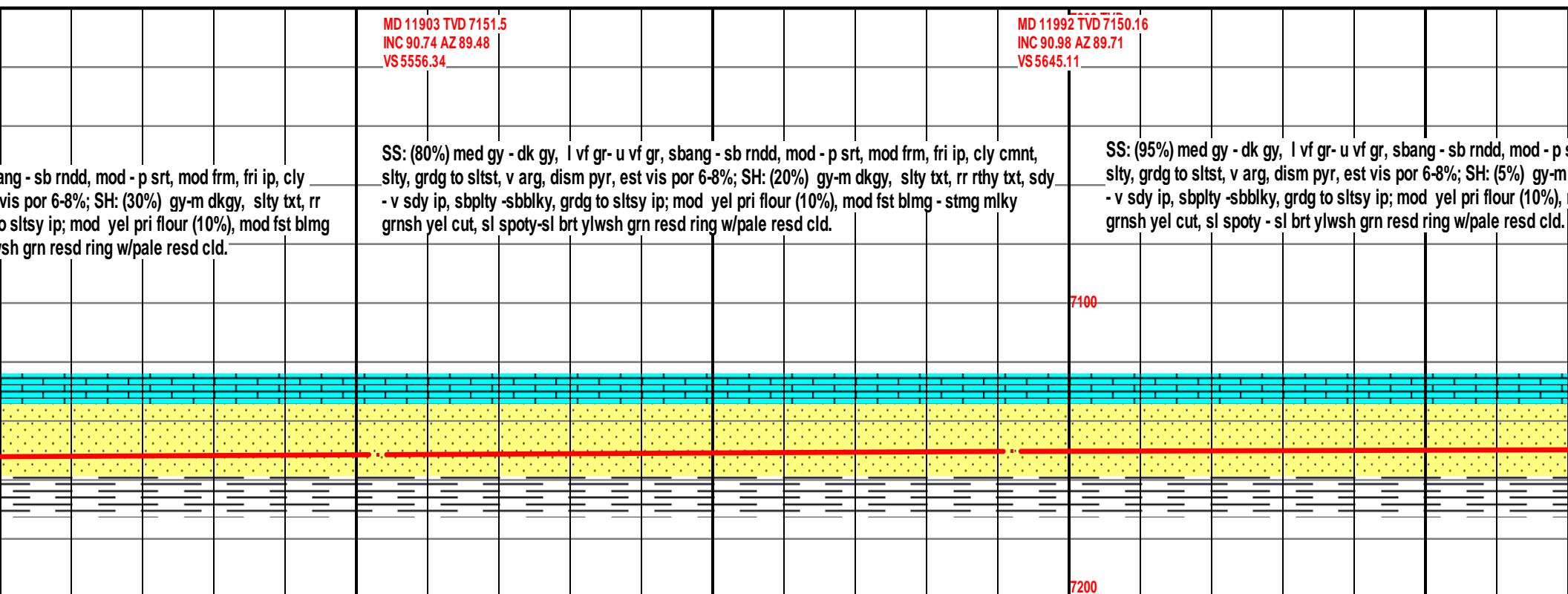
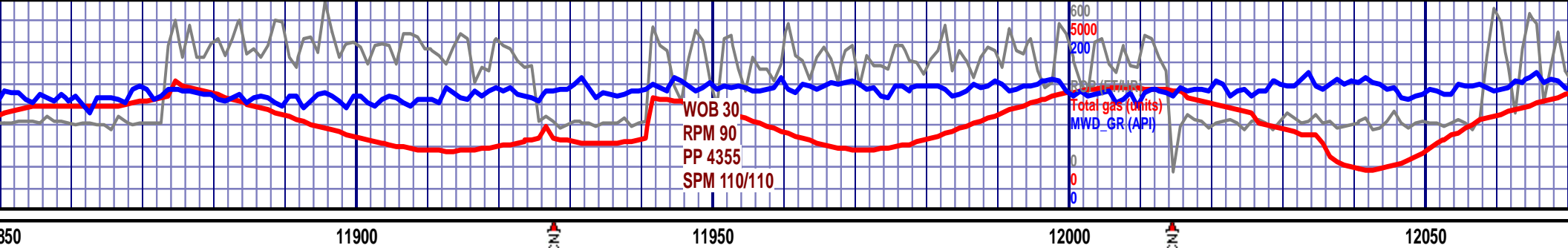
5000
5000
5000
5000
5000
5000
C1 (units)
C2 (units)
C3 (units)
C4 (units)

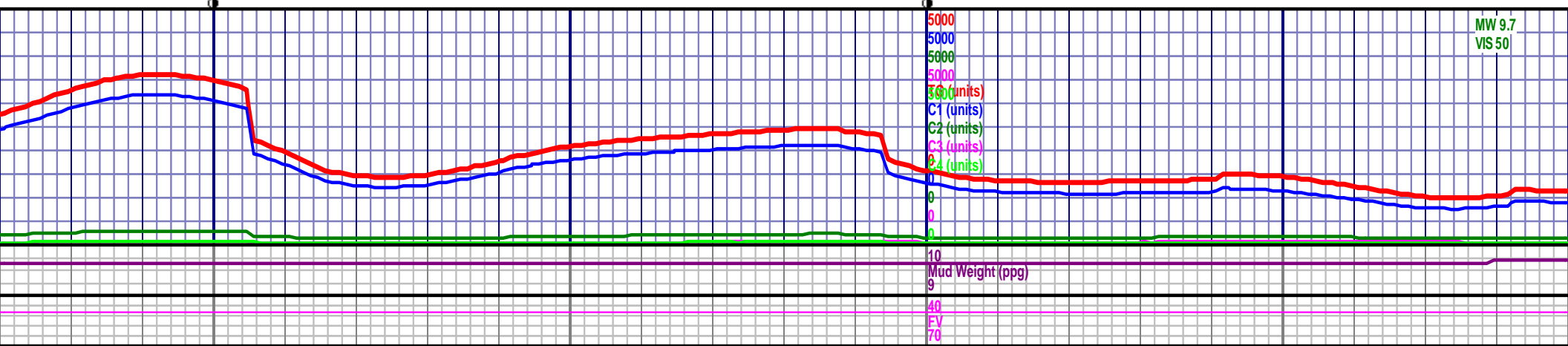
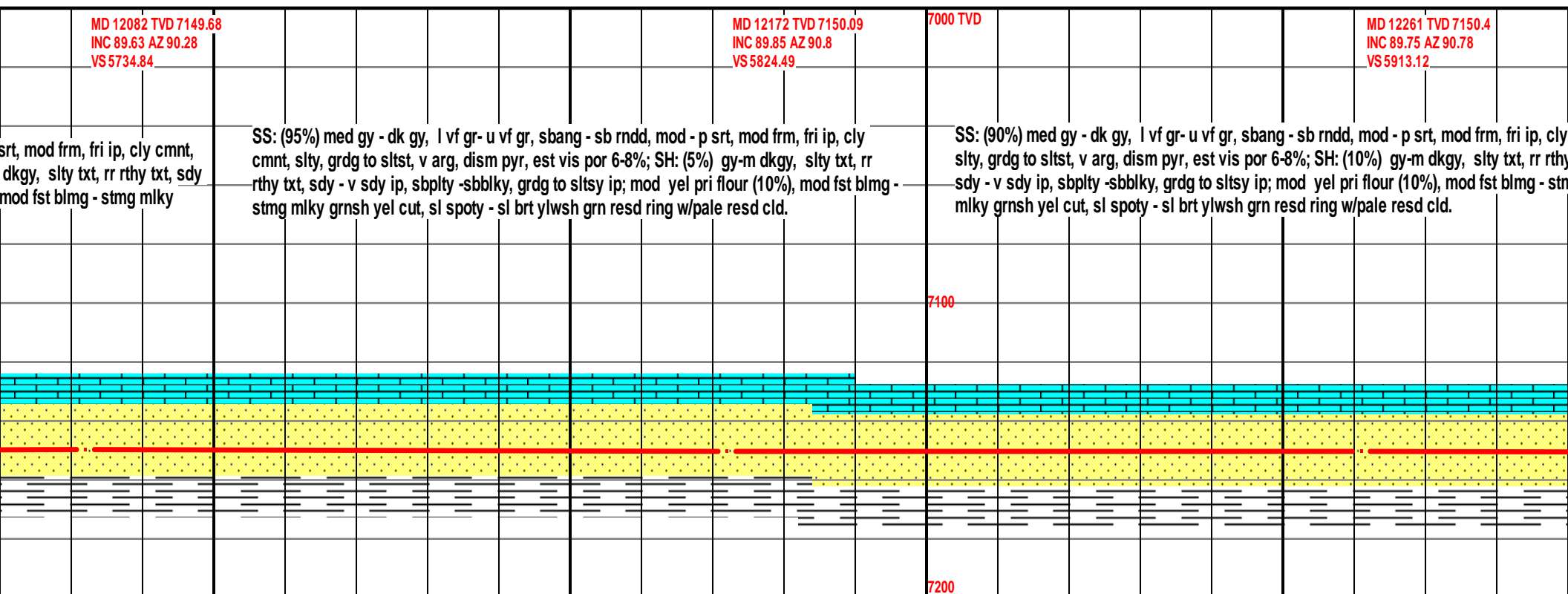
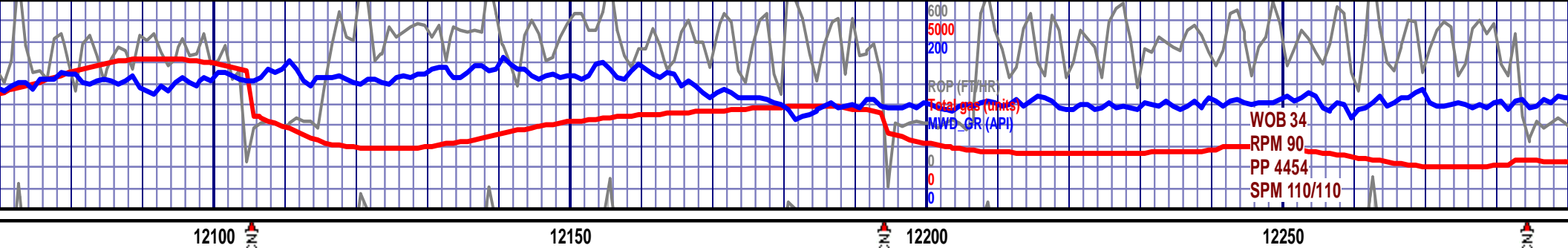
(ppg)

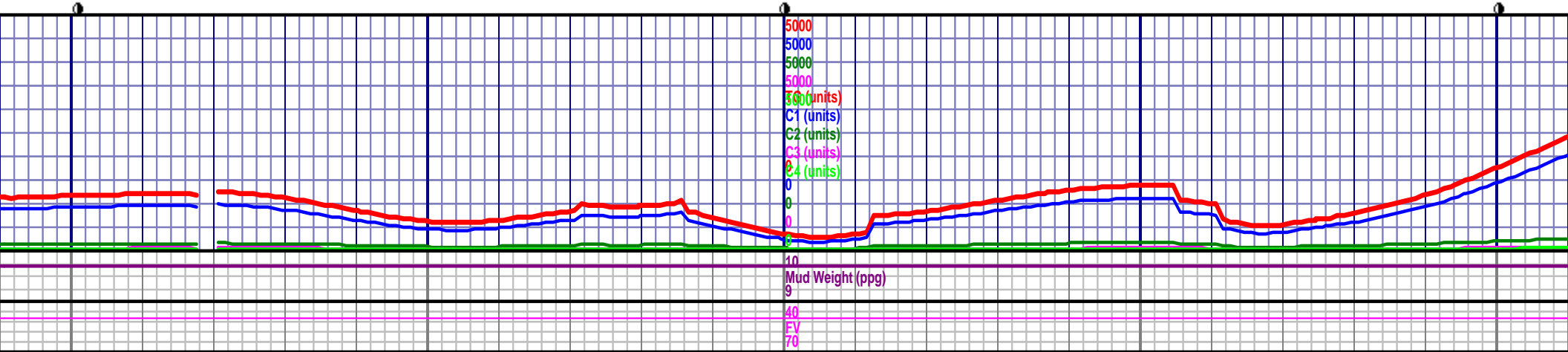
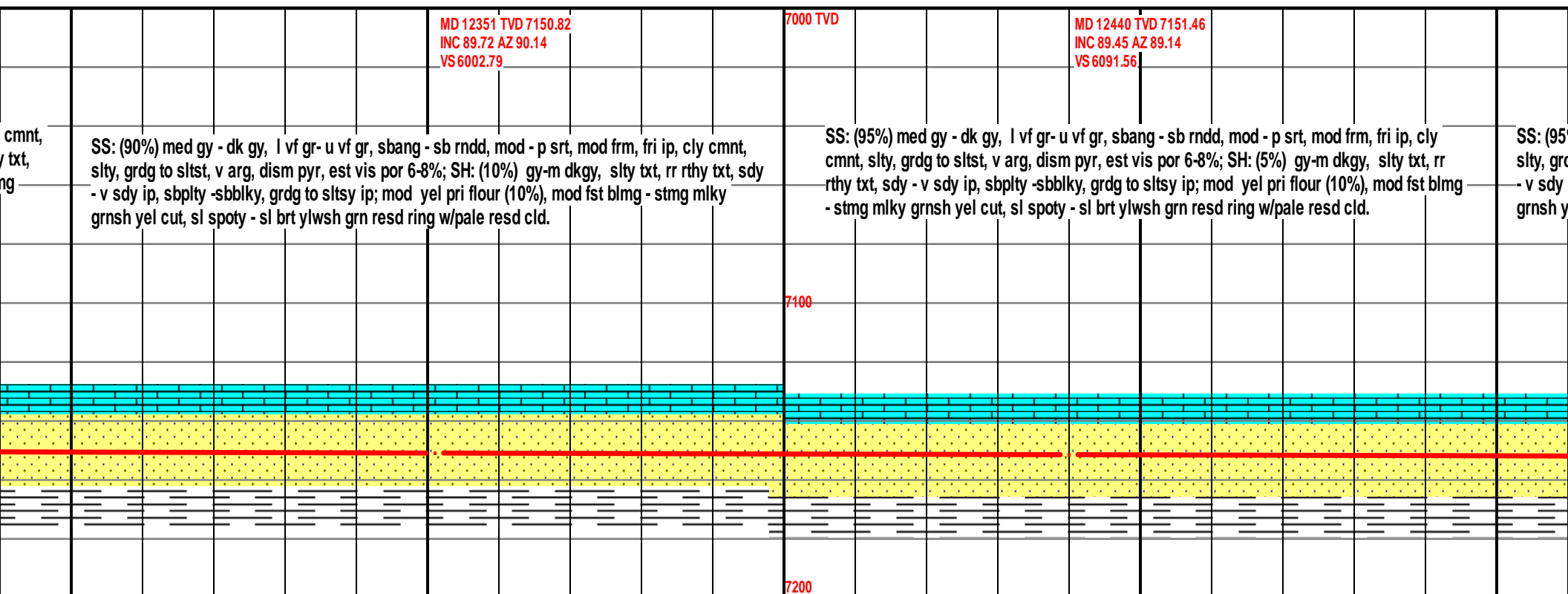
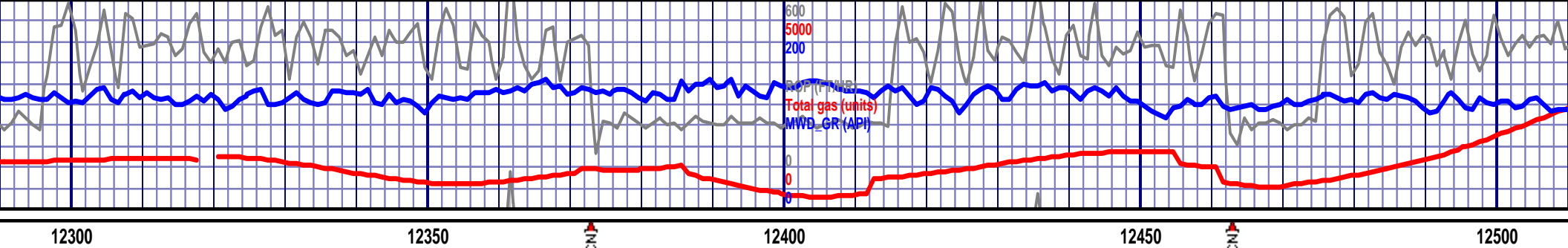
Mud Weight (ppg)

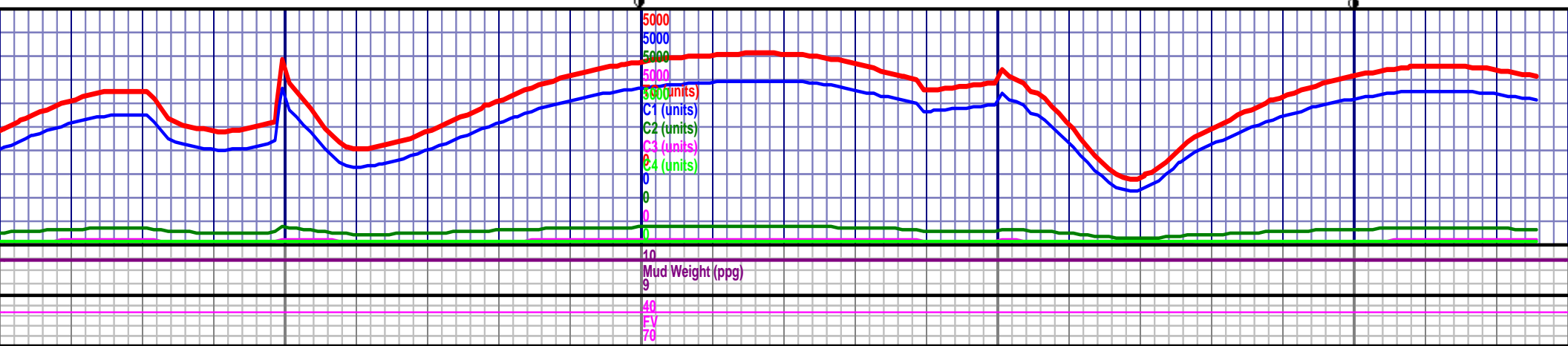
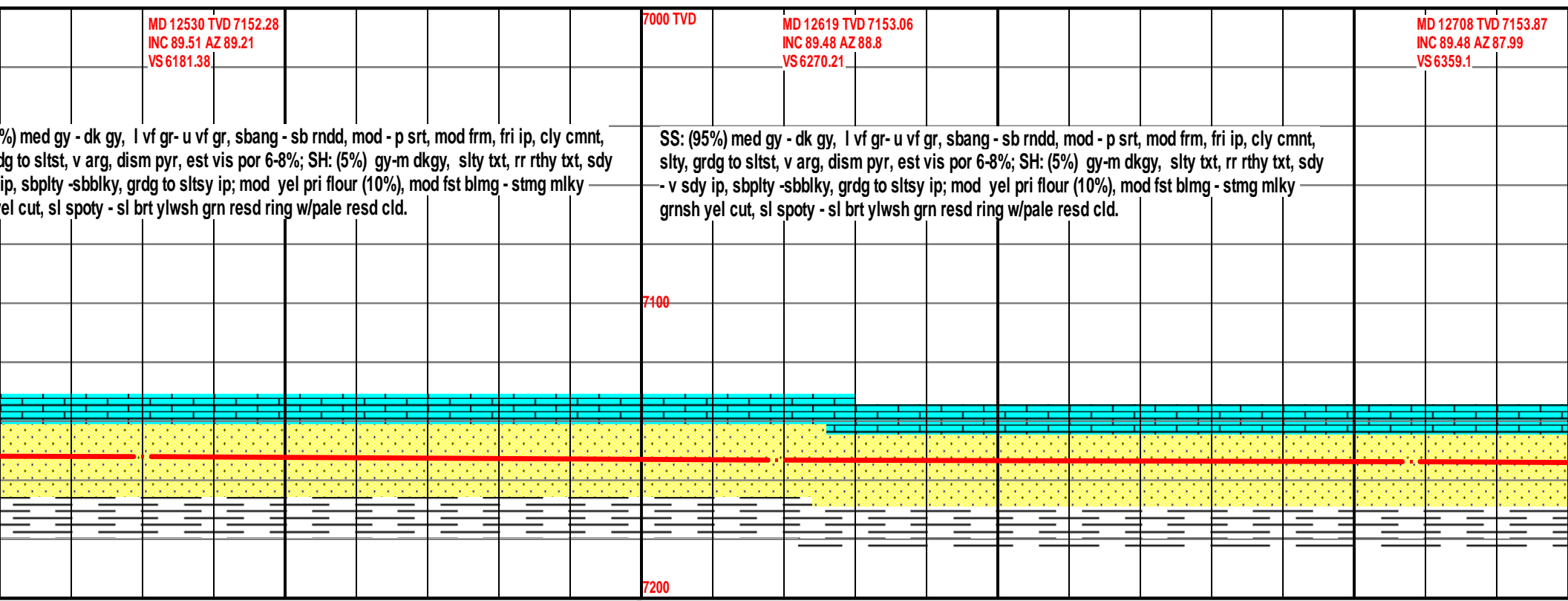
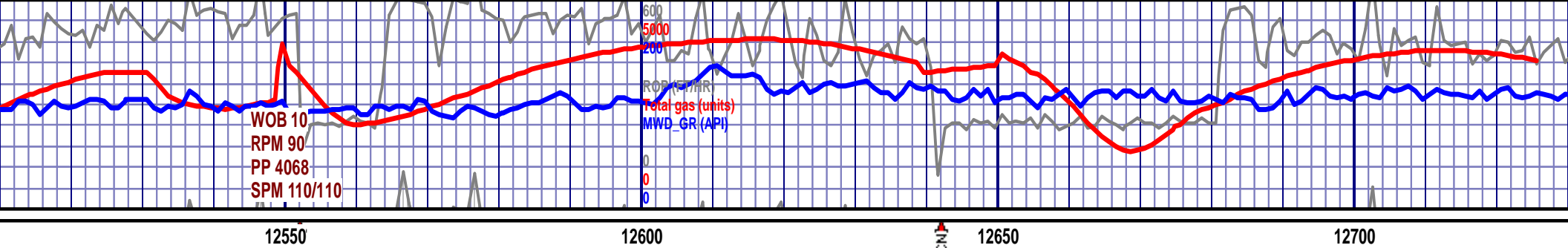
40
EV
70

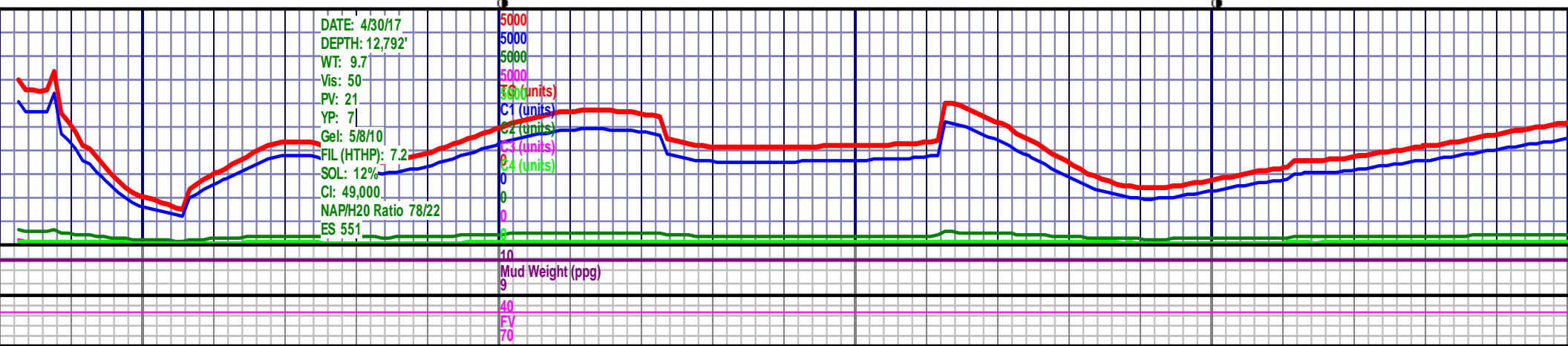
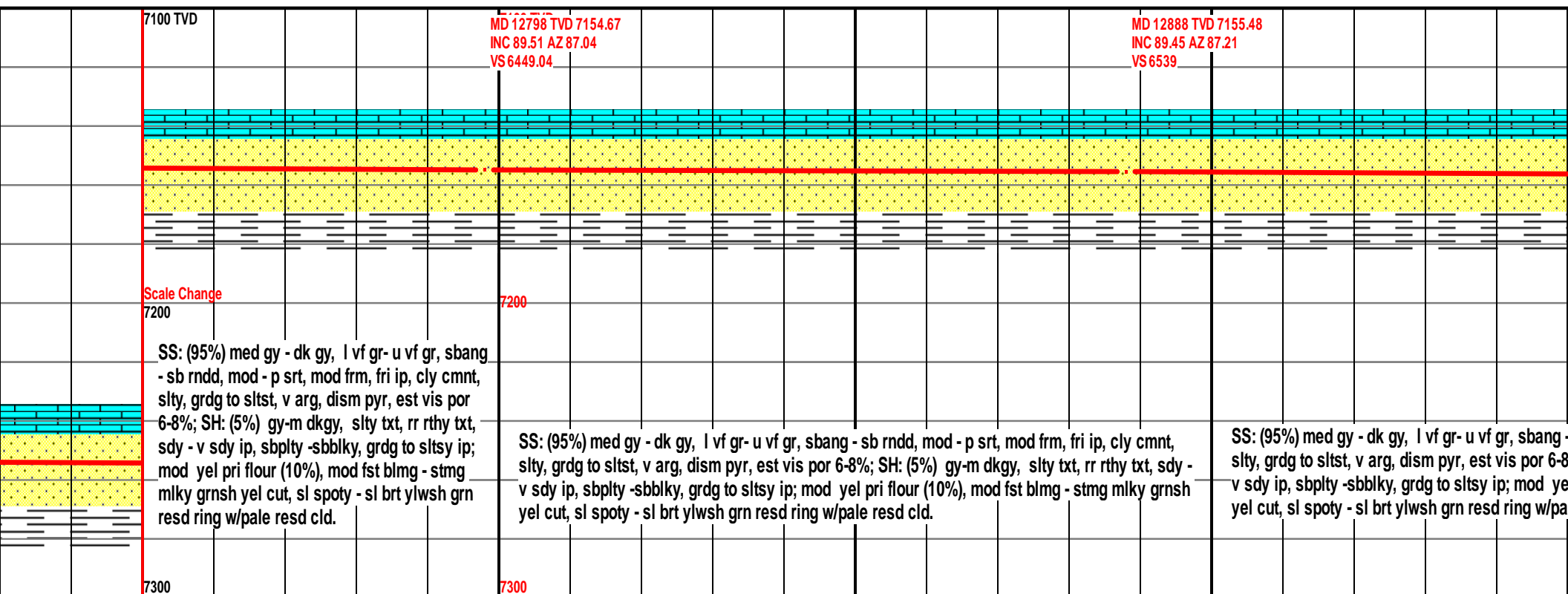
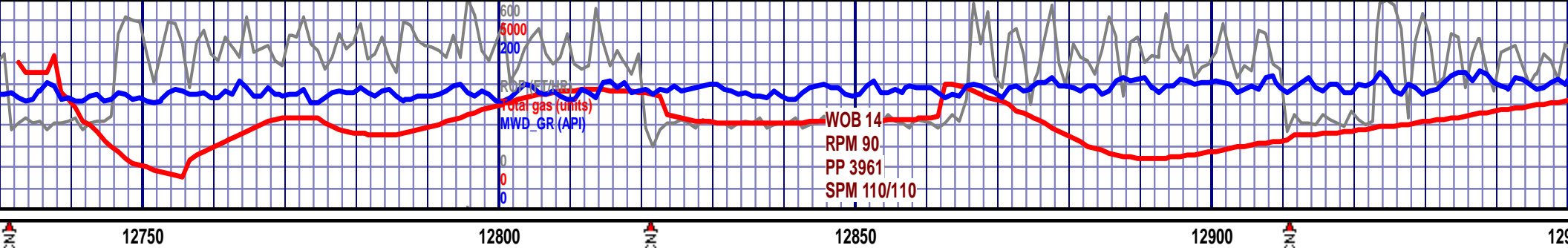


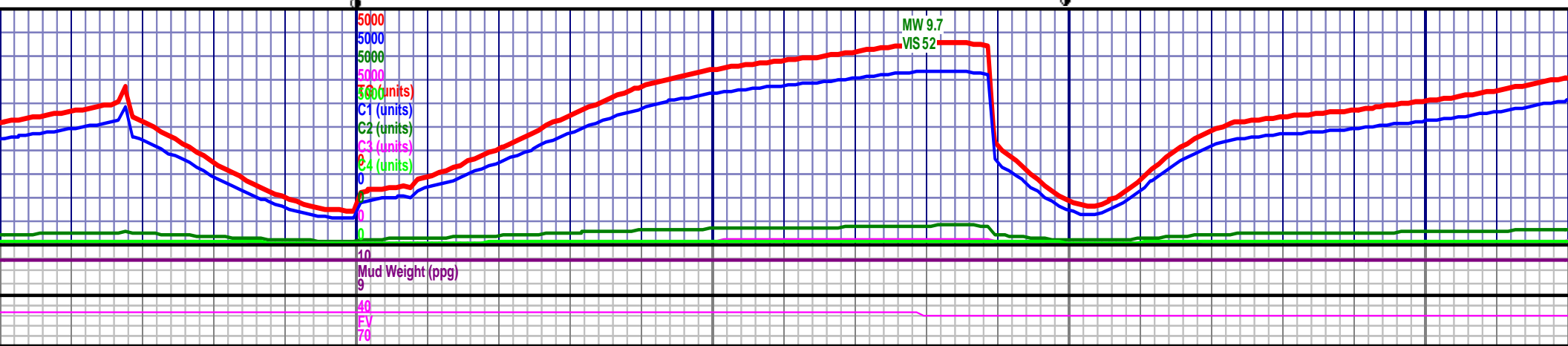
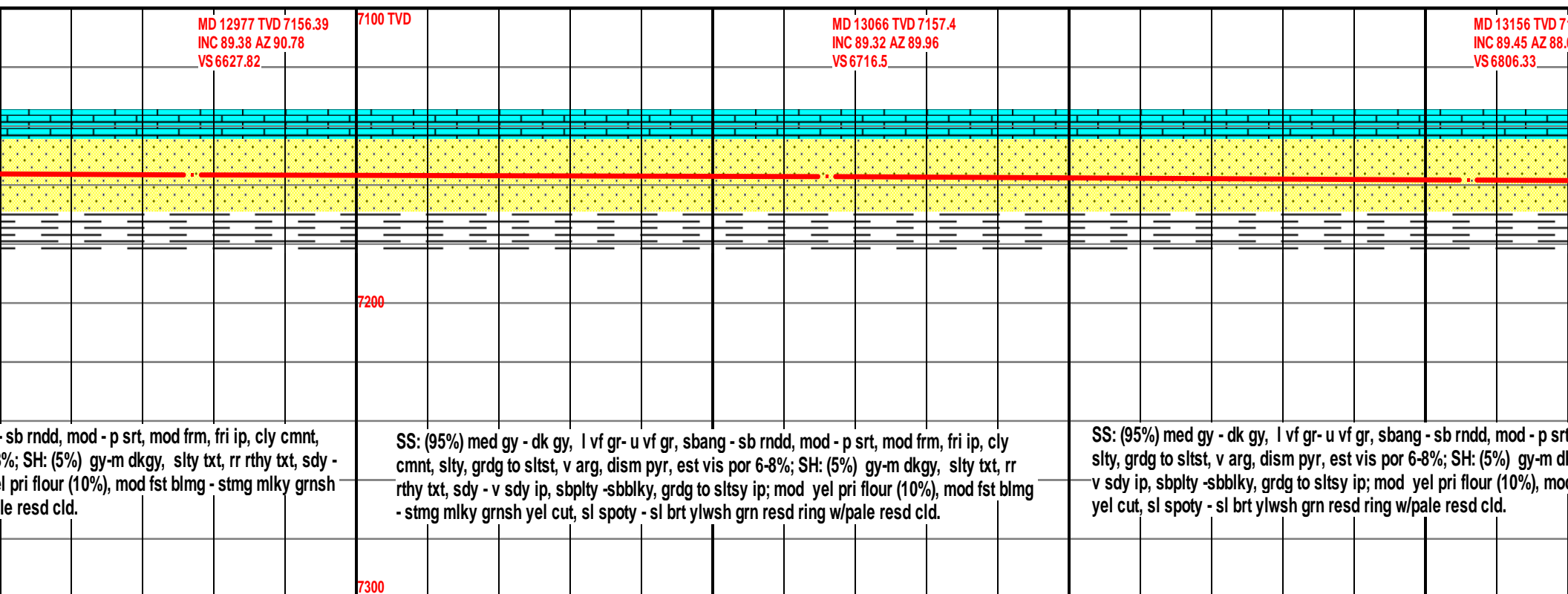
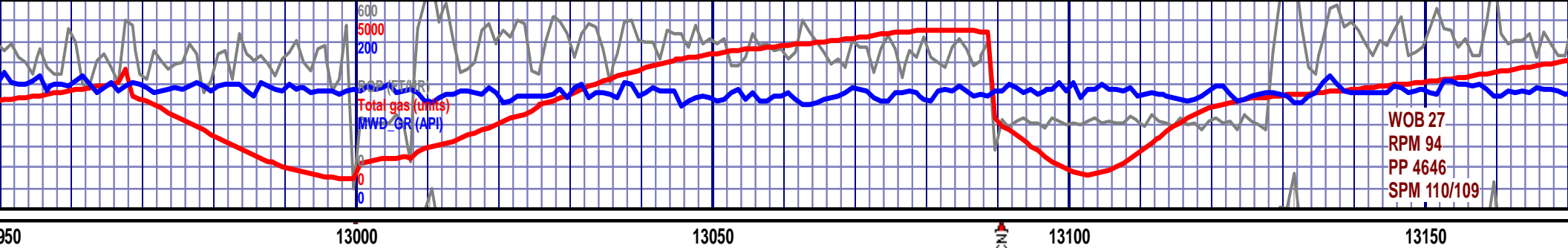


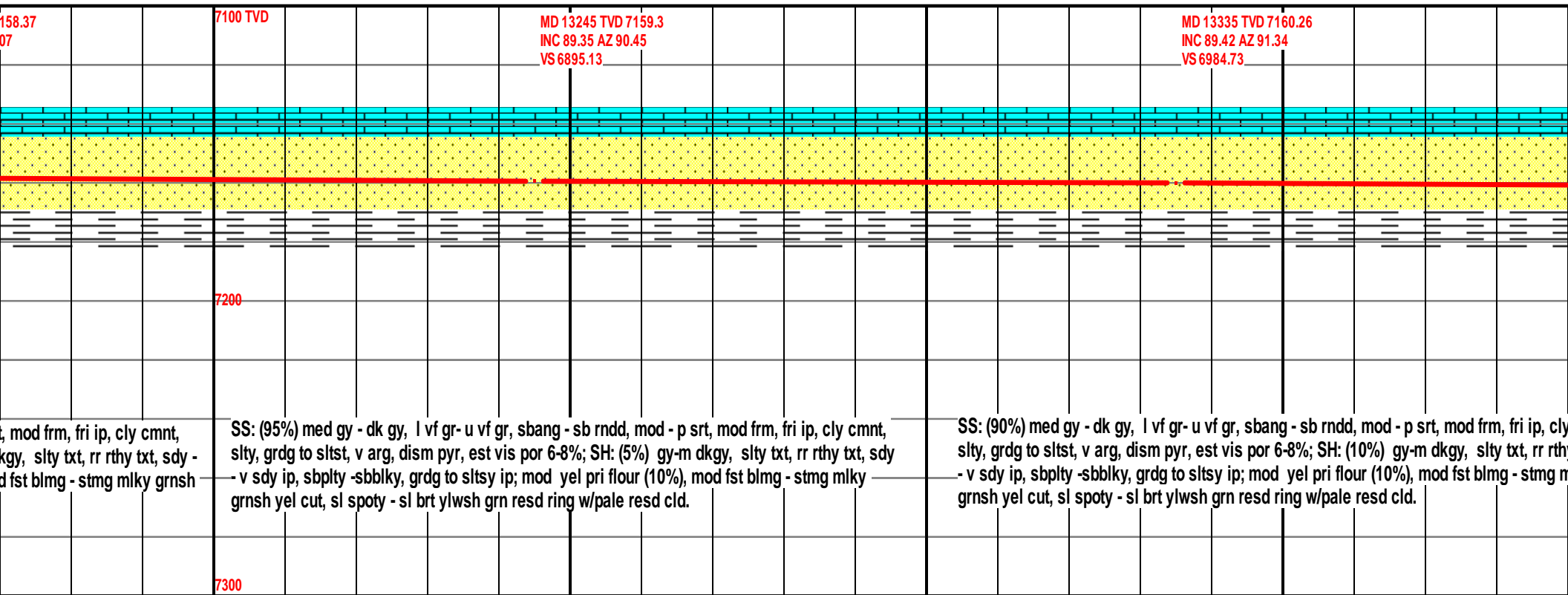


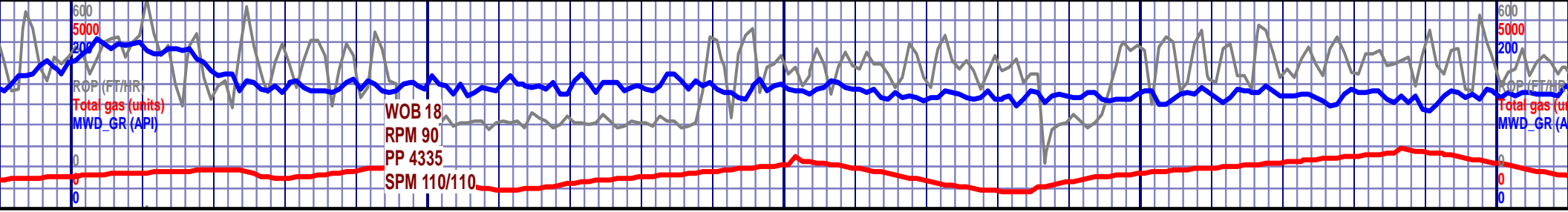












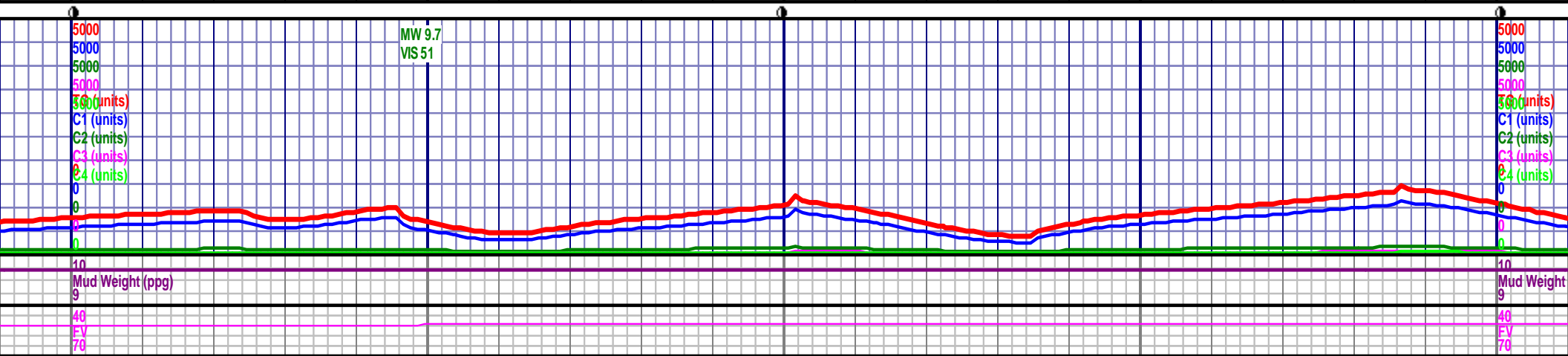
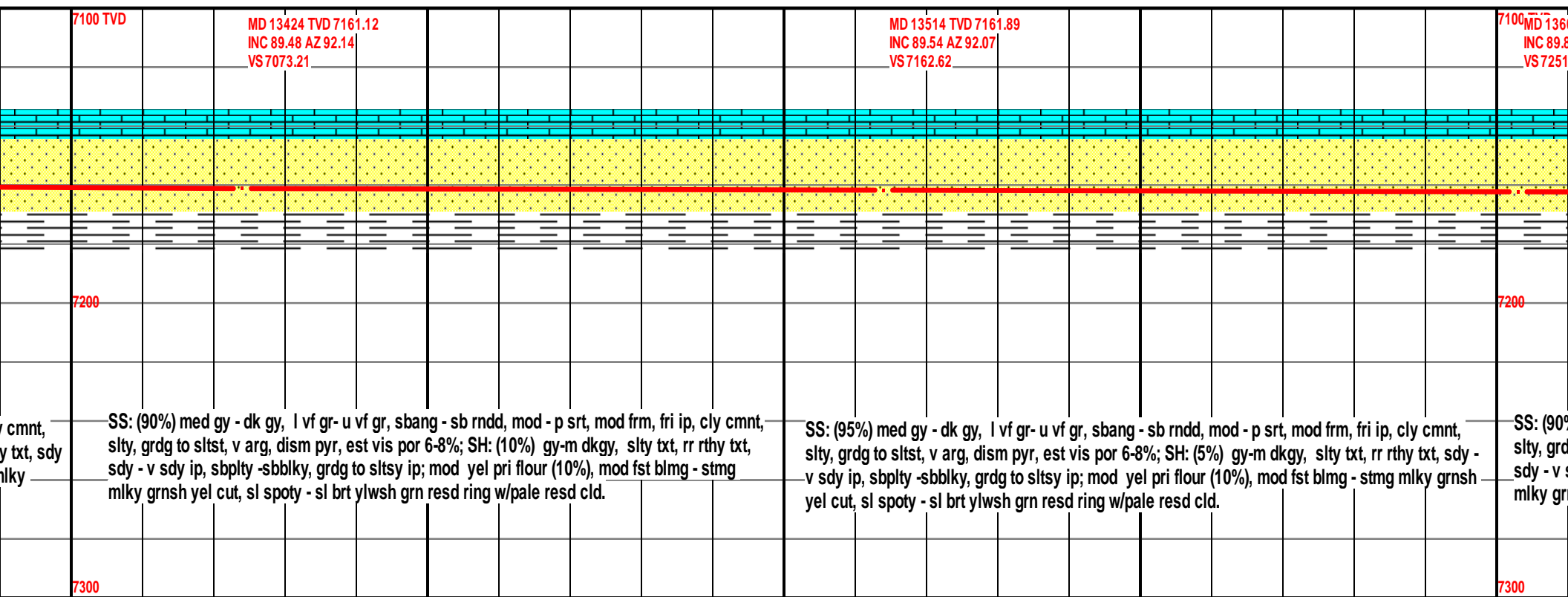
13400

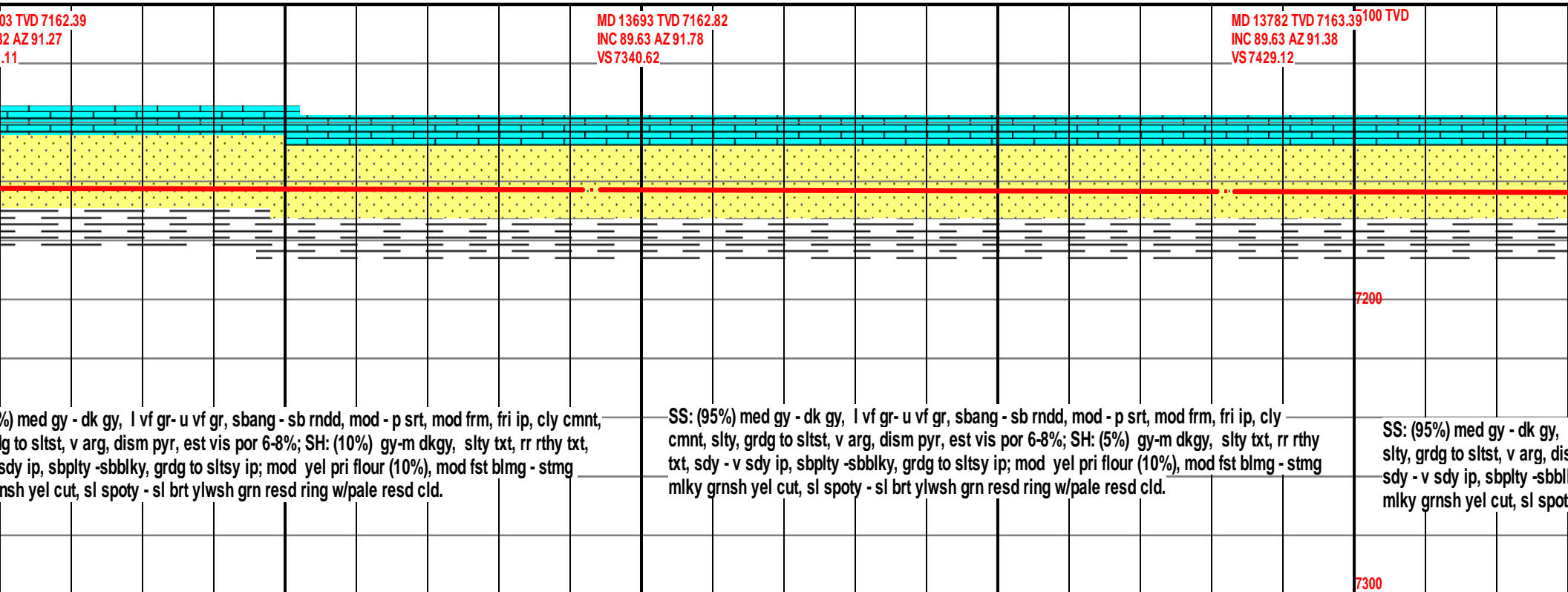
13450

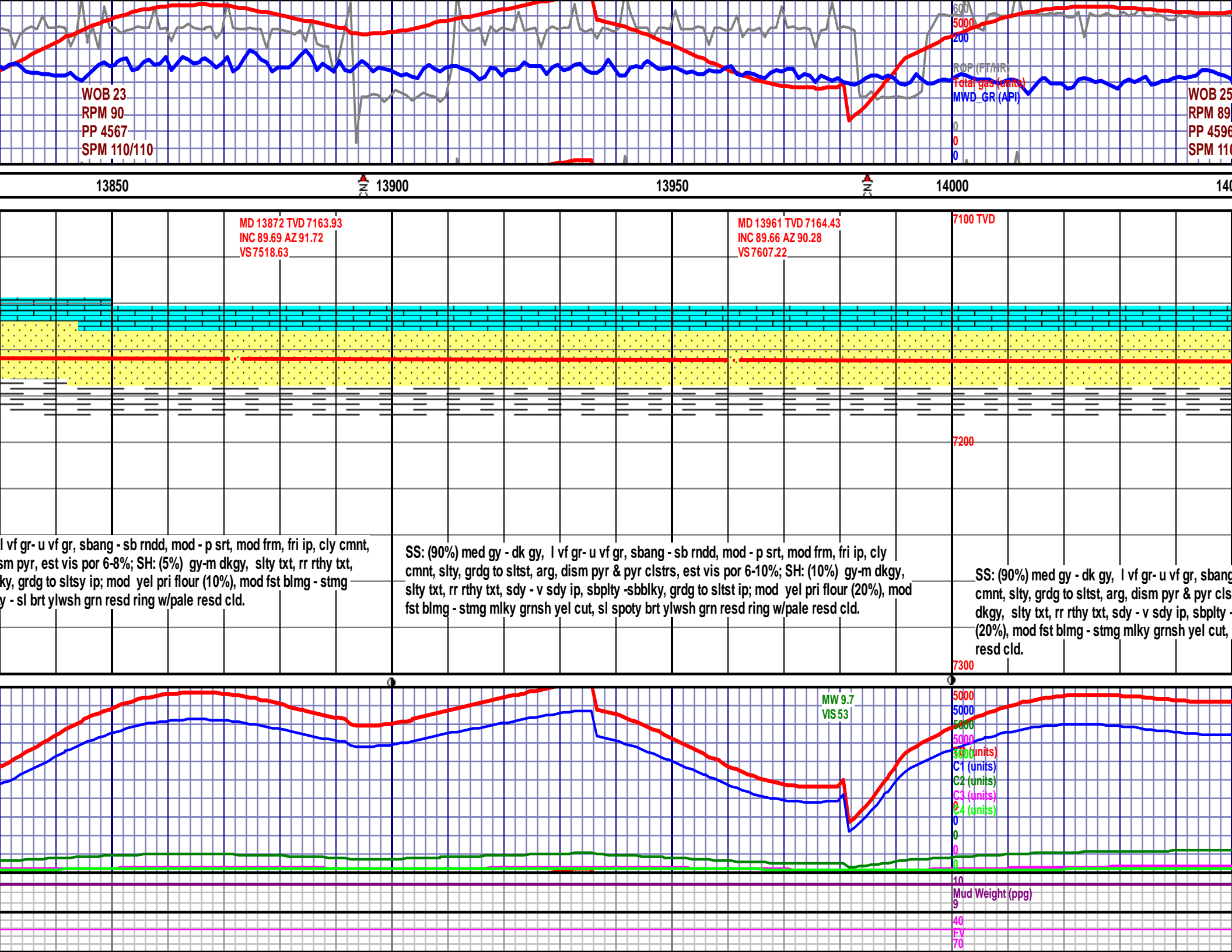
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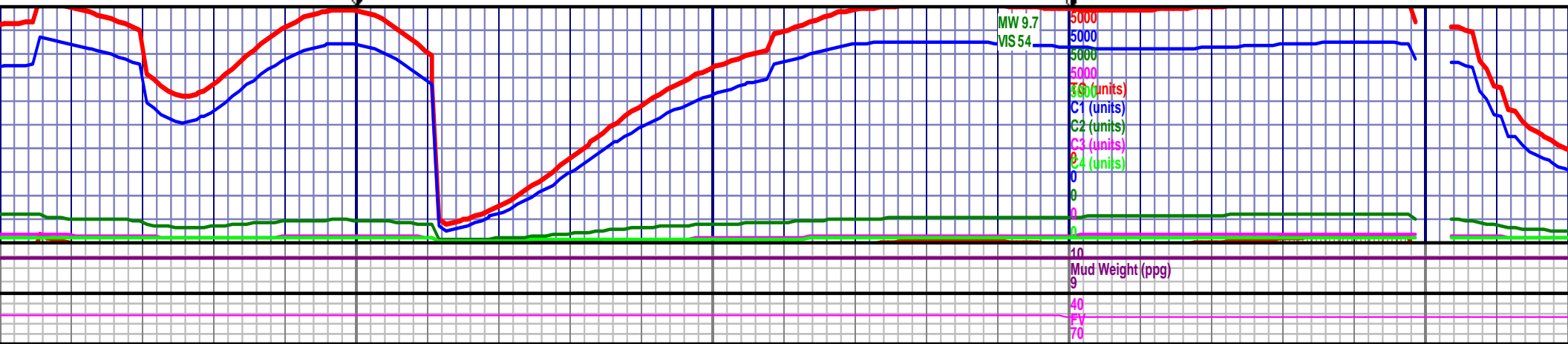
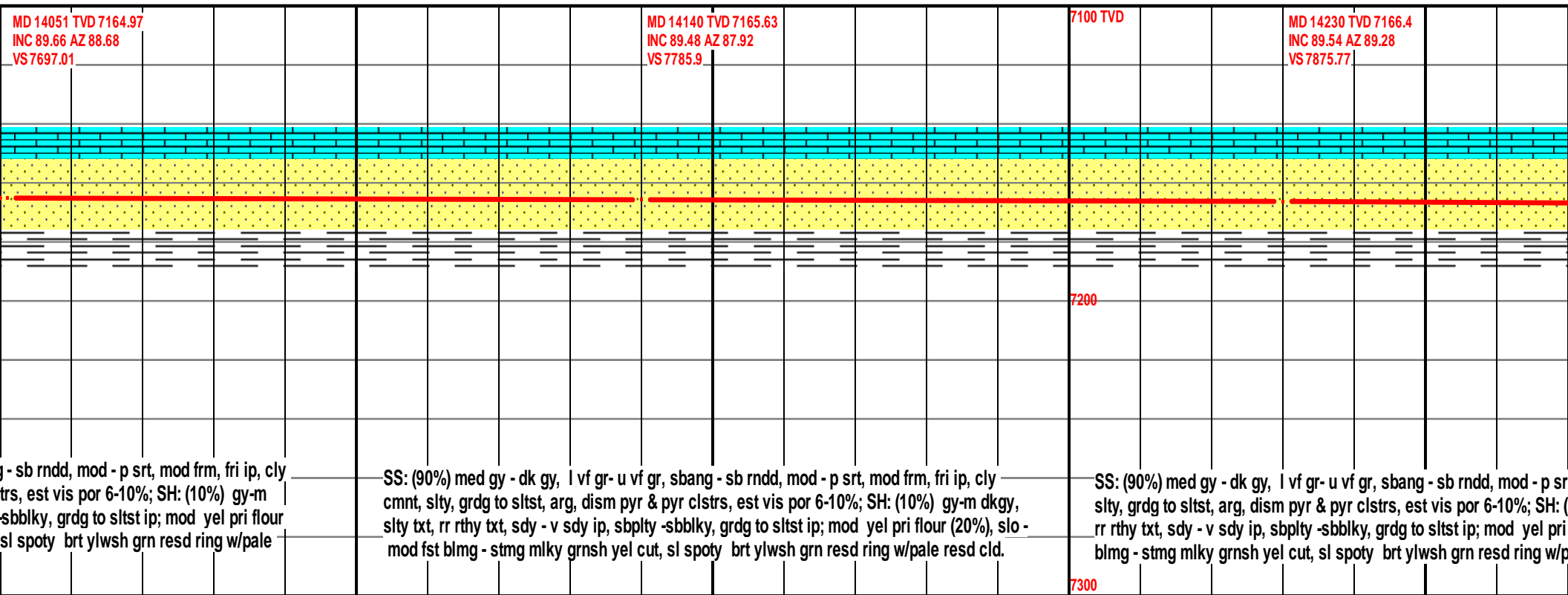
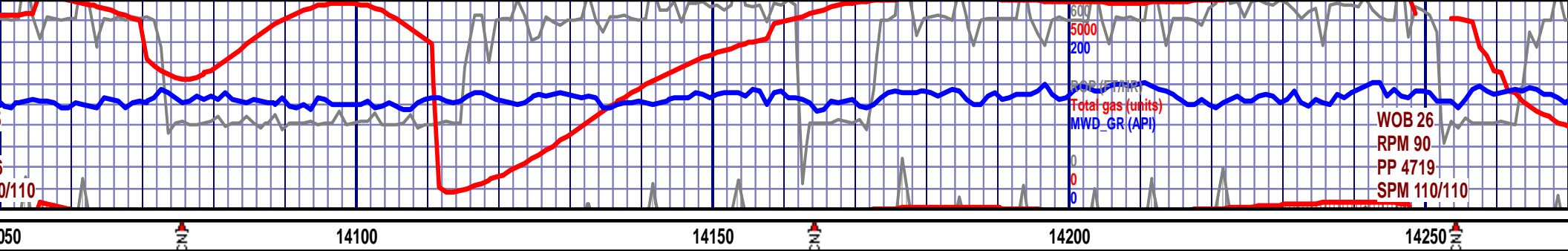
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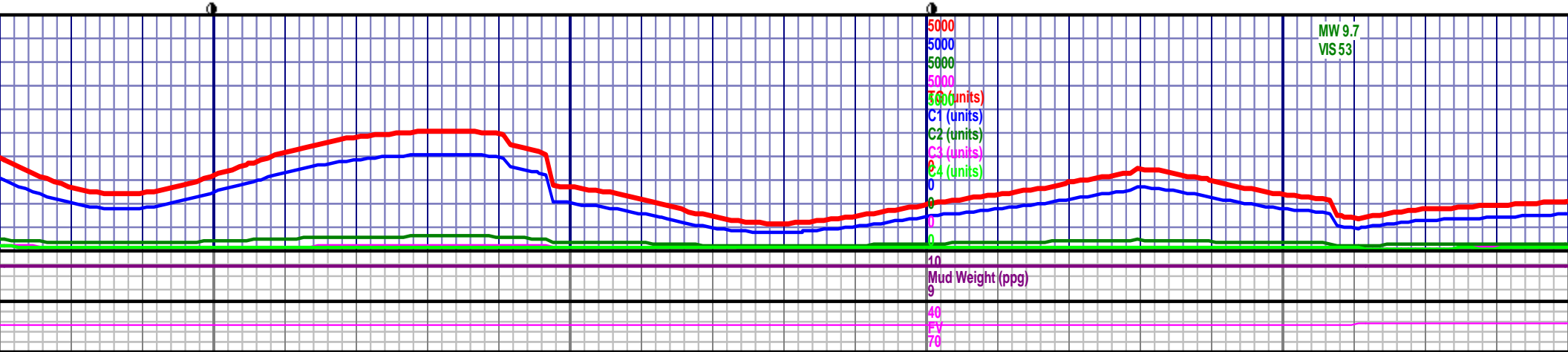
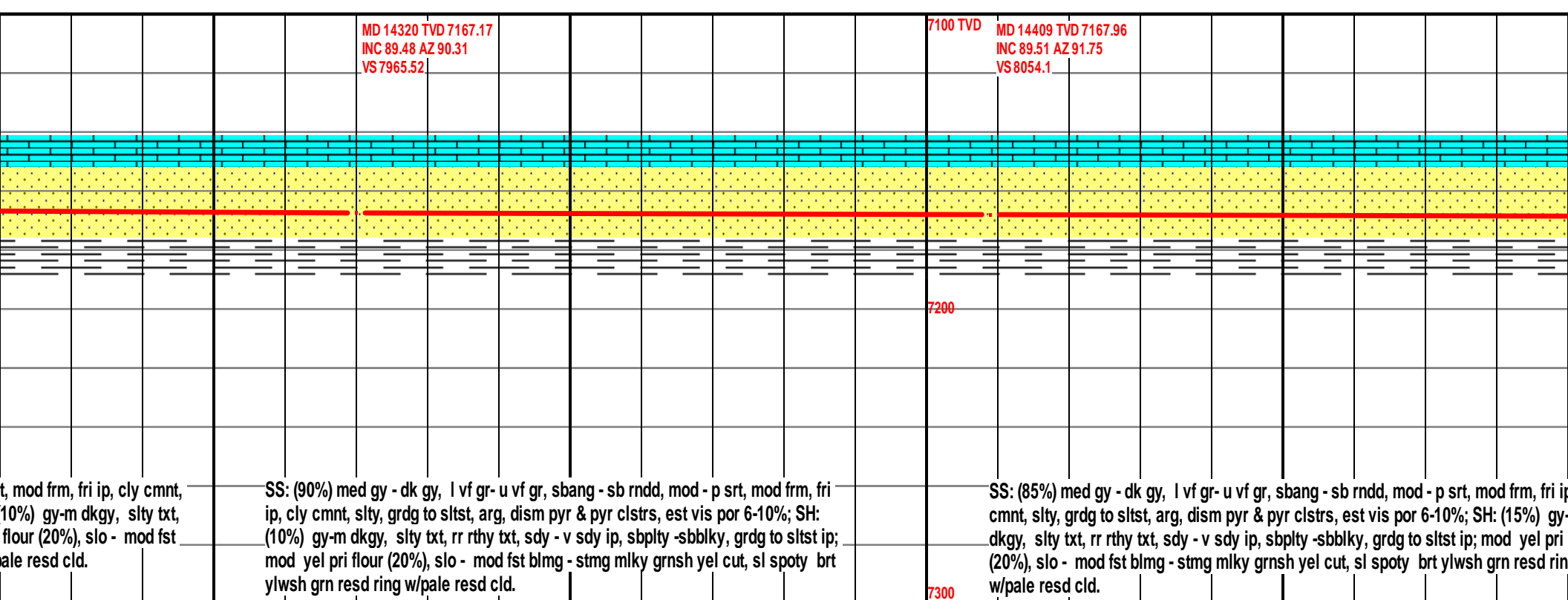
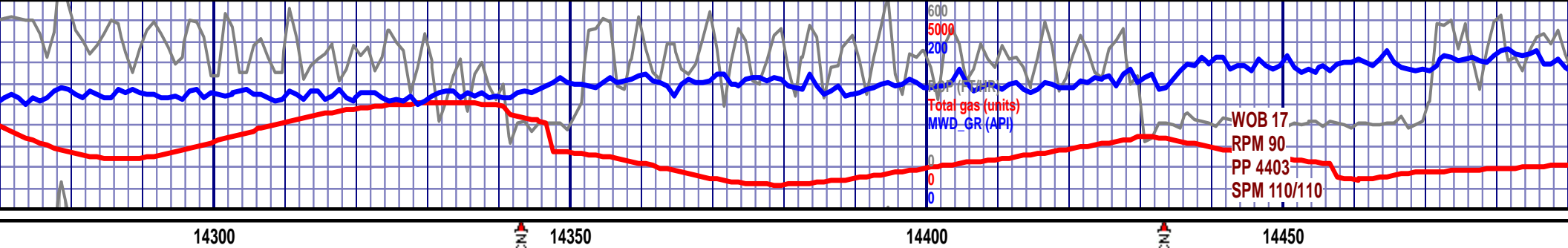
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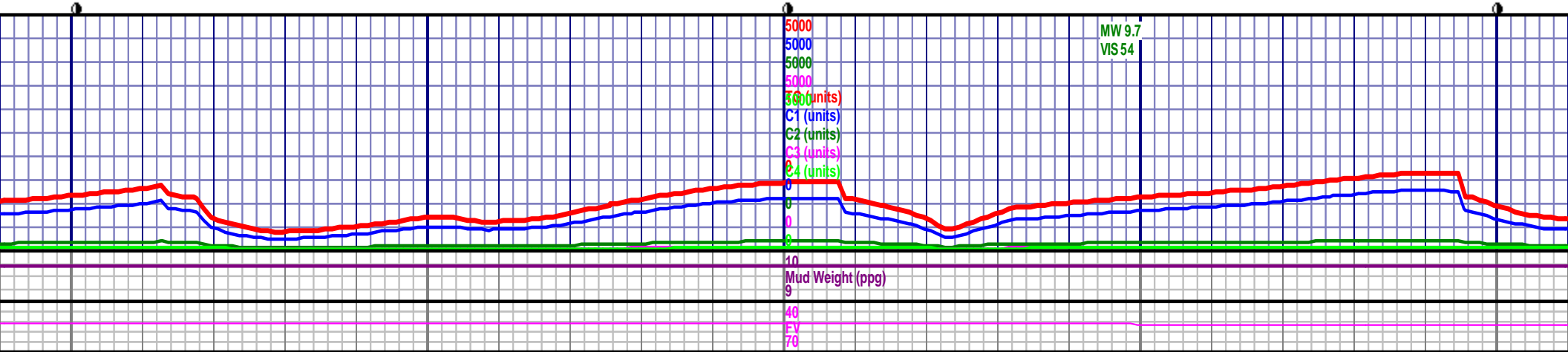
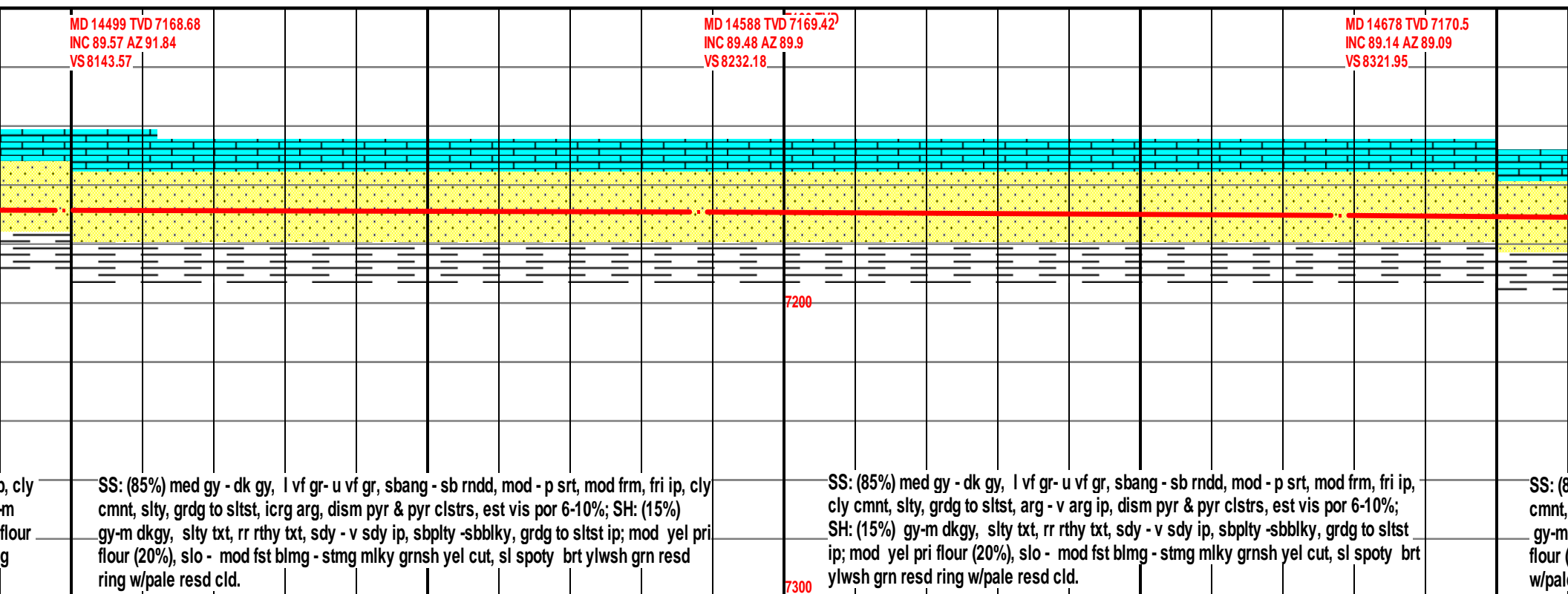
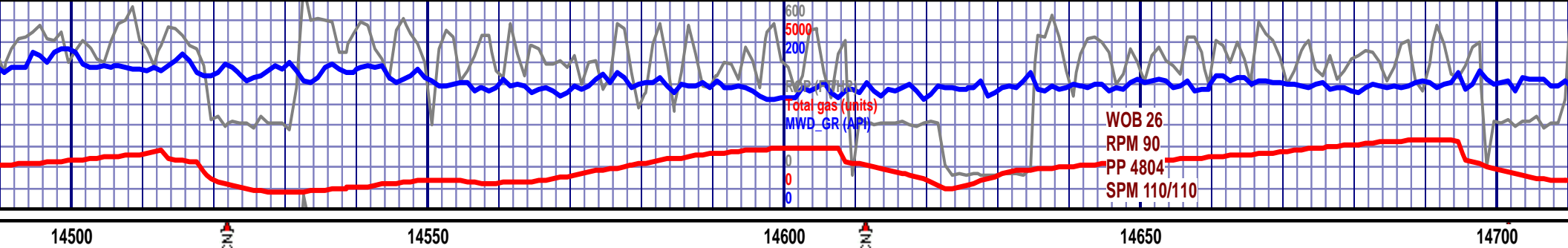


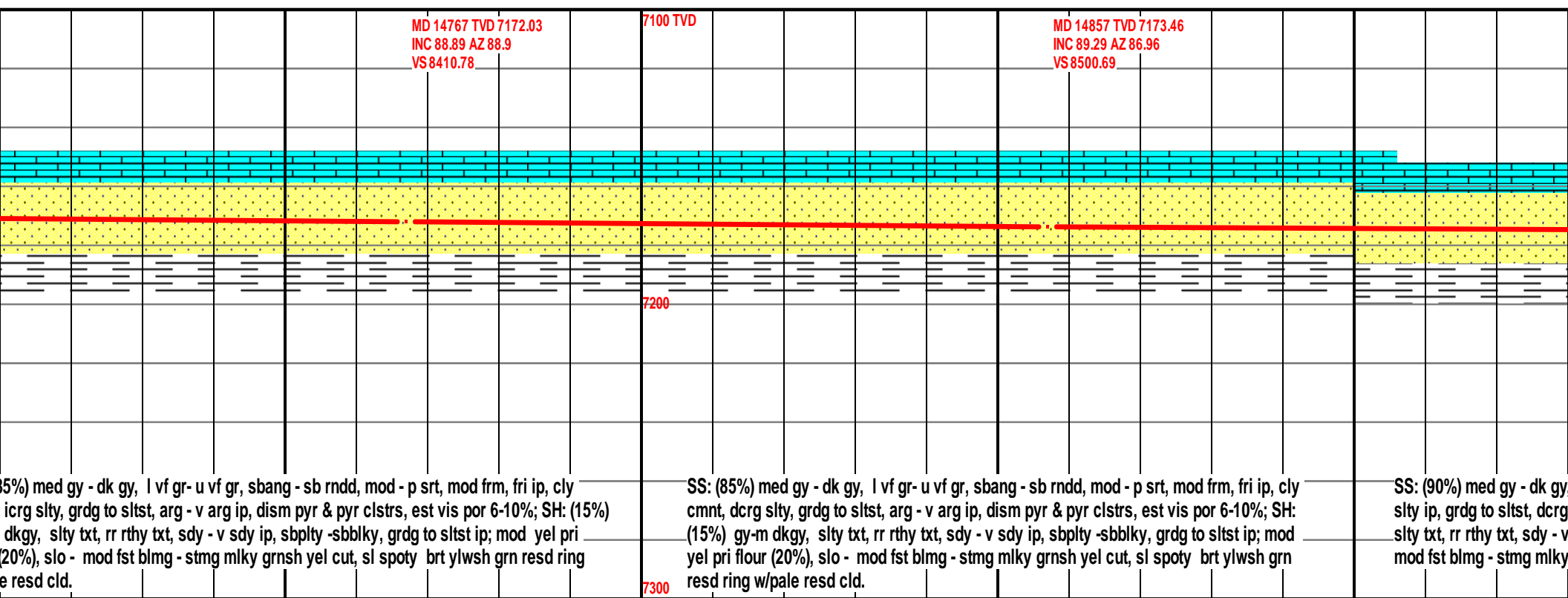


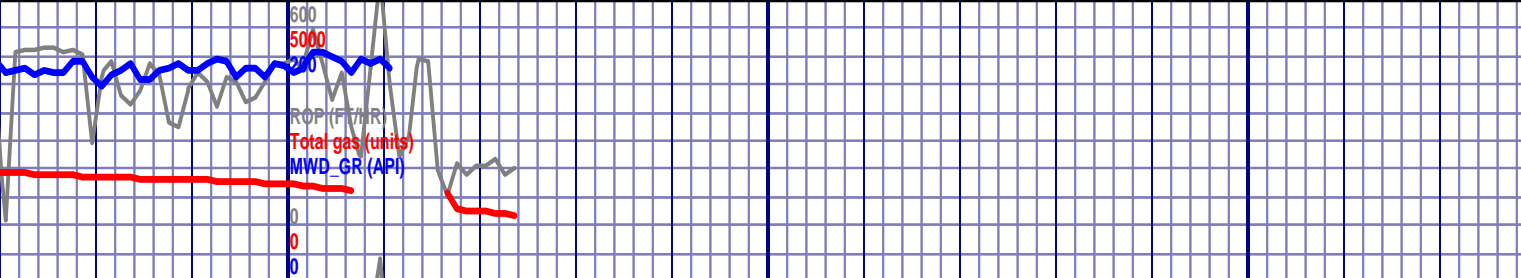












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| | | MD 15393 TVD 7185.78 INC 88.52 AZ 92.23 VS 9035.72 | | MD 15425 TVD 7186.69 INC 88.34 AZ 92.59 VS 9067.47 | | | | | | | |
| | | Survey at 15401' MD removed from log for clarity. | | Final survey is a projection to the bit. | | | | | Thank You Goolsby Brothers & Assoc. Inc. | | |
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