



**Scale 1:200 Imperial  
Measured Depth Log**

**Well Name:** Underhill 26C-17HZ  
**Location:** Weld County, CO.  
**License Number:** 05123369050000  
**Spud Date:** 07/17/13  
**Surface Coordinates:** 938'FSL & 992'FEL, SEC.17, T1N-R67W  
**Region:** DJ basin  
**Drilling Completed:** 8/20/13  
**Bottom Hole Coordinates:** 460'FNL & 50'FEL, SEC.17, T1N-R67W  
**Ground Elevation (ft):** 5119' **K.B. Elevation (ft):** 5132'  
**Logged Interval (ft):** 8000' **To:** 12149' **Total Depth (ft):** 12149'  
**Formation:** Codell  
**Type of Drilling Fluid:** Water Based Mud

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

**OPERATOR**

**Company:** Anadarko Petroleum Corporation  
**Address:** Granite Tower  
1099 18th St., Suite 1800  
Denver, CO 80202

## GEOLOGIST

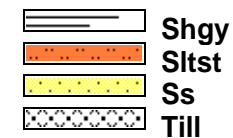
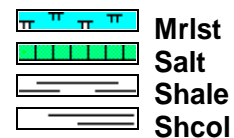
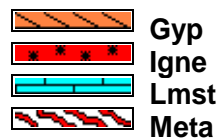
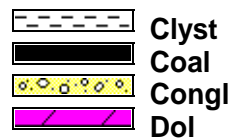
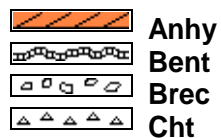
Name: Scott Crozier / Ben Thompson  
Company: Great Divide Consulting, Inc.  
Address: P.O. Box 630263  
Highlands Ranch, CO 80163

## Cores

## DSTs

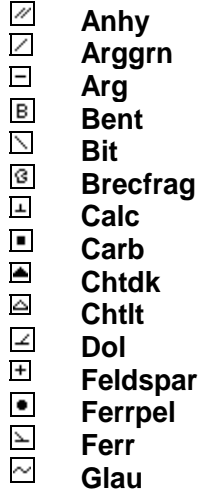
## Comments

## ROCK TYPES

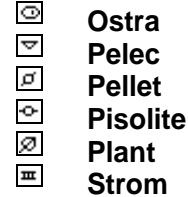
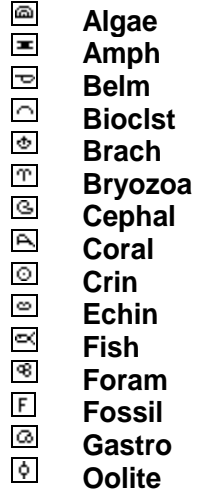


## ACCESSORIES

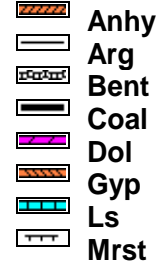
### MINERAL



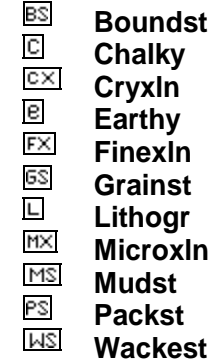
### FOSSIL



### STRINGER










### TEXTURE



OTHER SYMBOLS

POROSITY





 Earthy  
 Fenest  
 Fracture  
 Inter  
 Moldic  
 Organic  
 Pinpoint

 Vuggy

SORTING

 Well  
 Moderate  
 Poor

ROUNDING

 Rounded  
 Subrnd  
 Subang  
 Angular

OIL SHOW

 Even

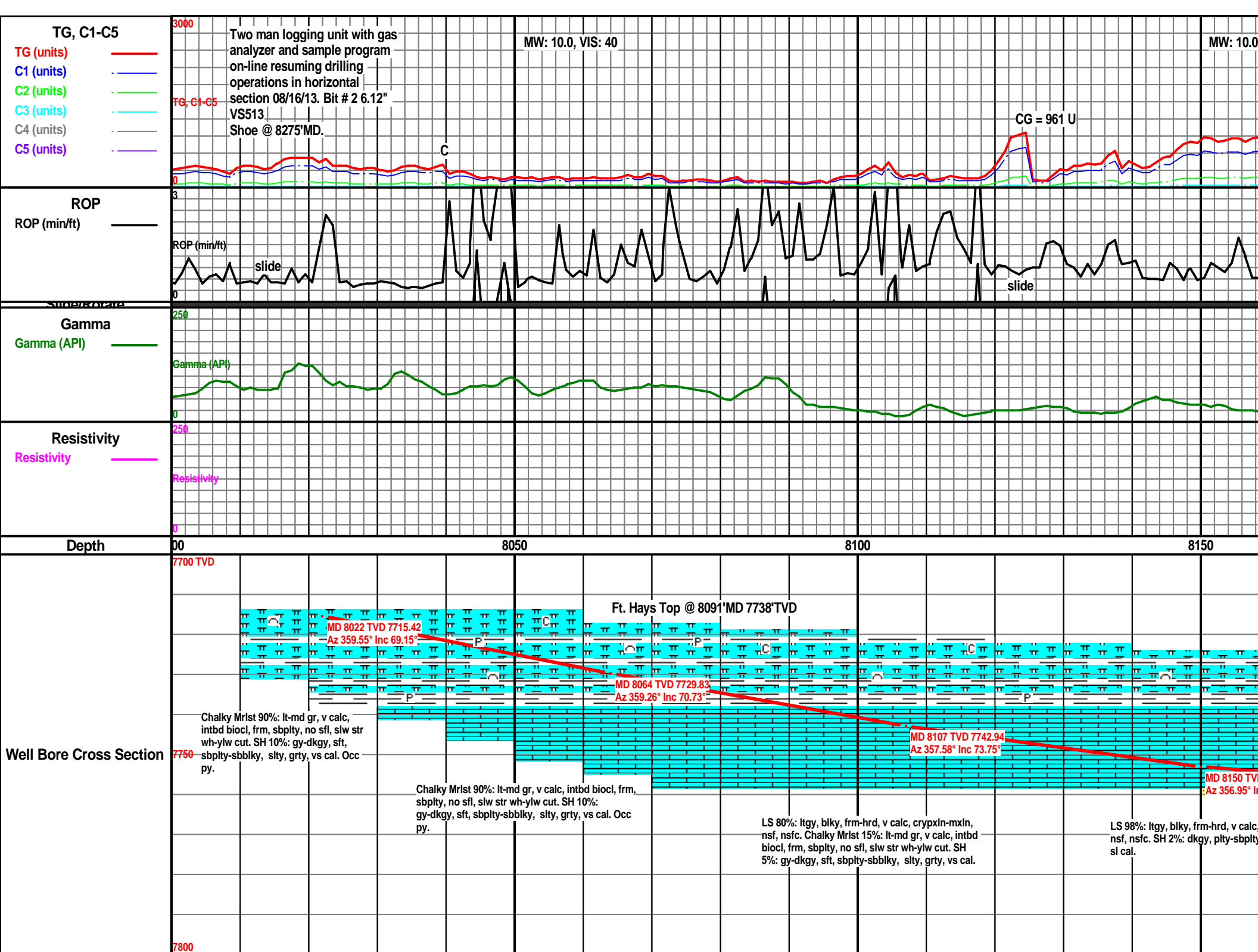
 Spotted  
 Ques  
 Dead

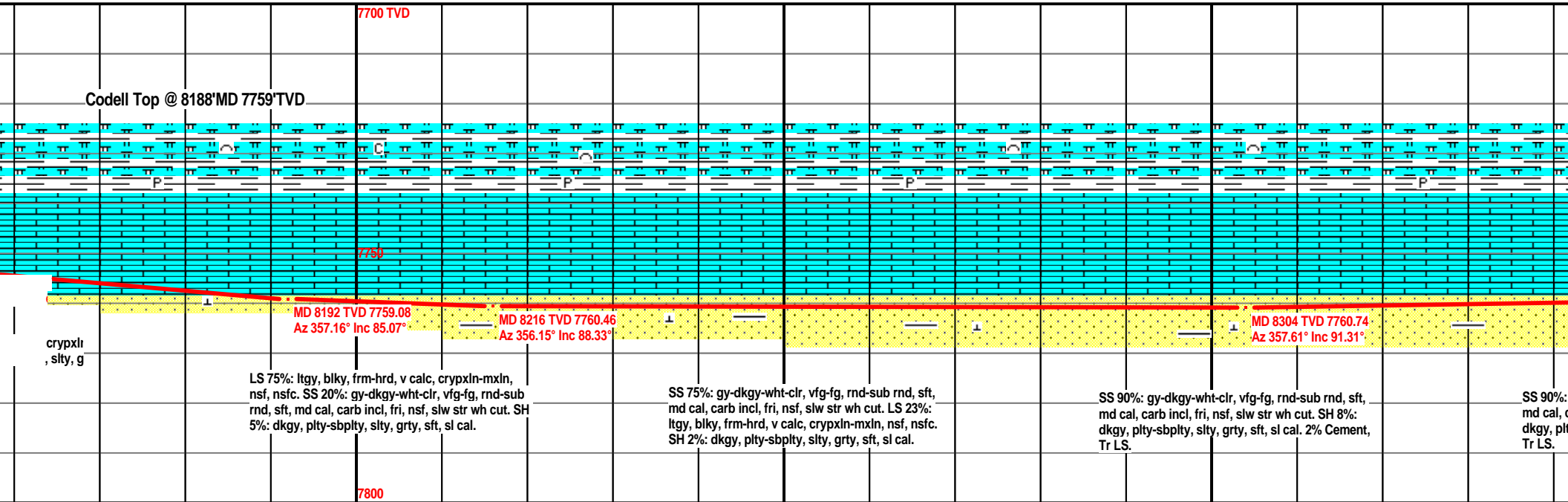
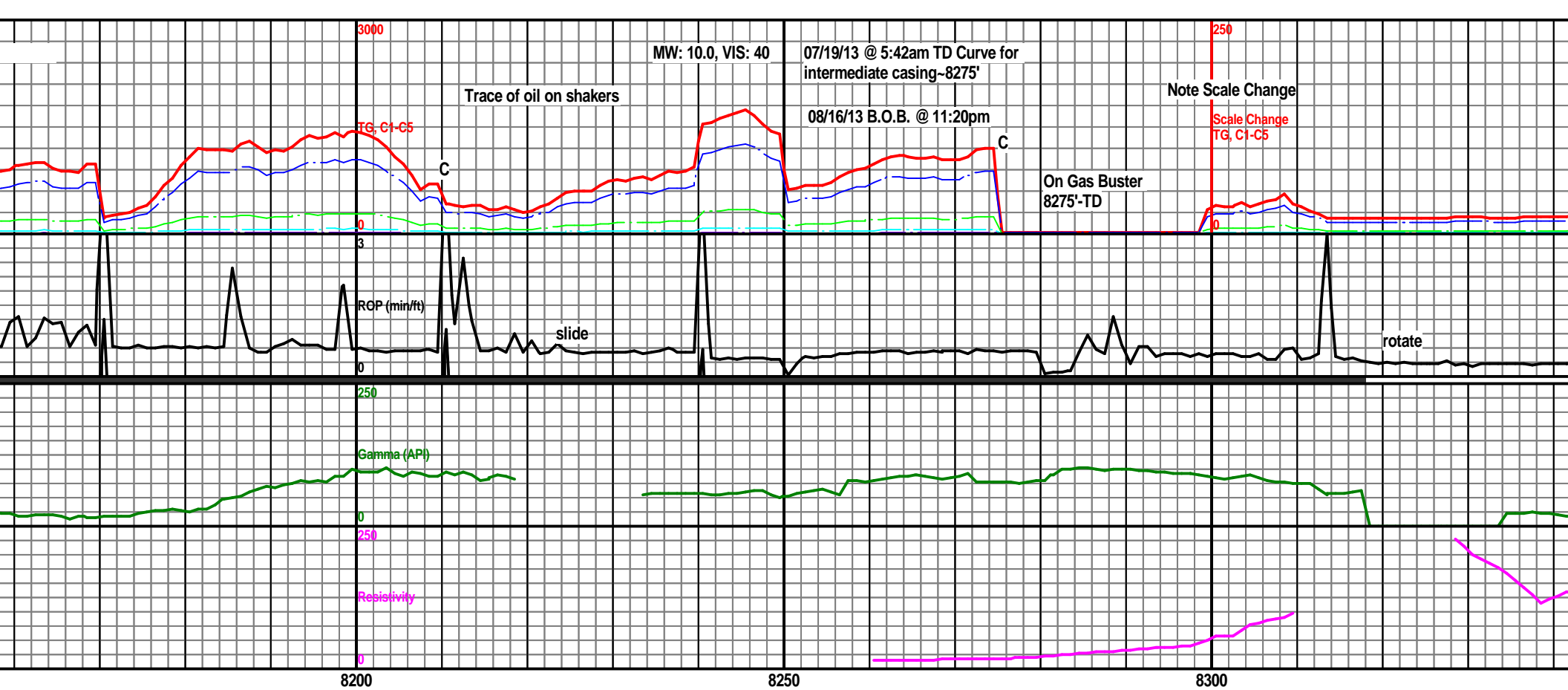
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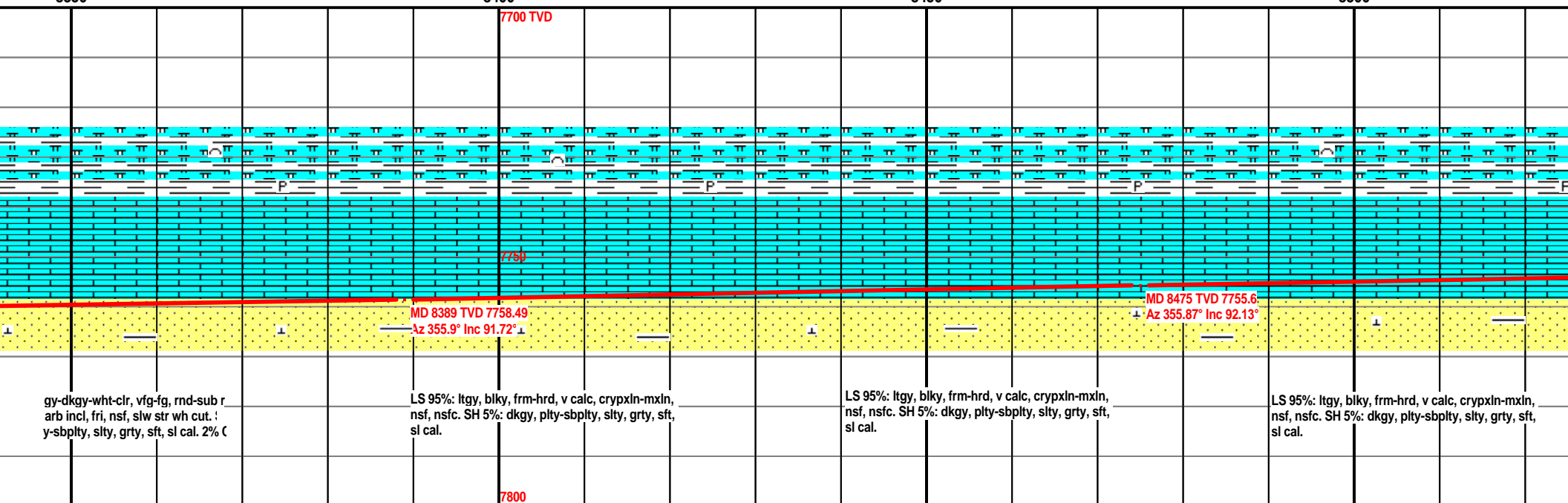
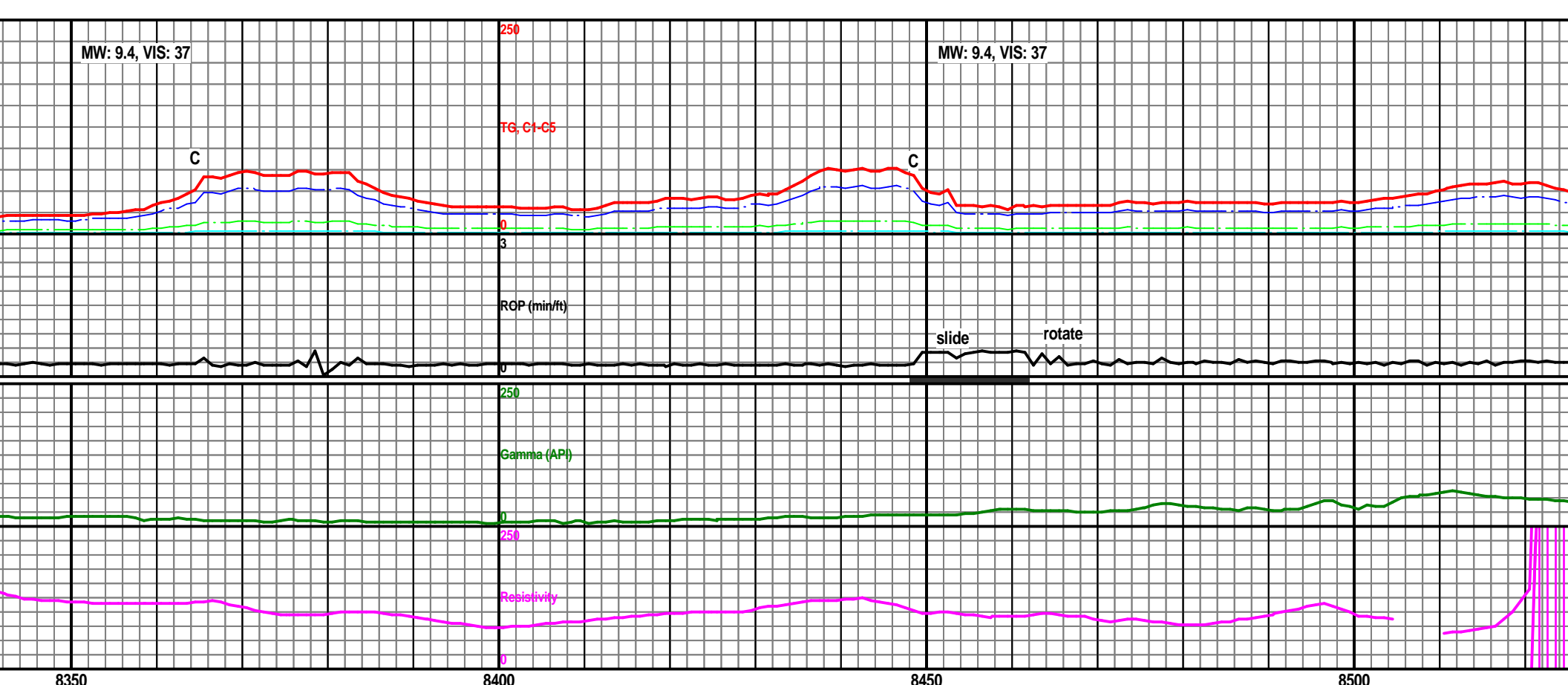
 Core  
 Dst

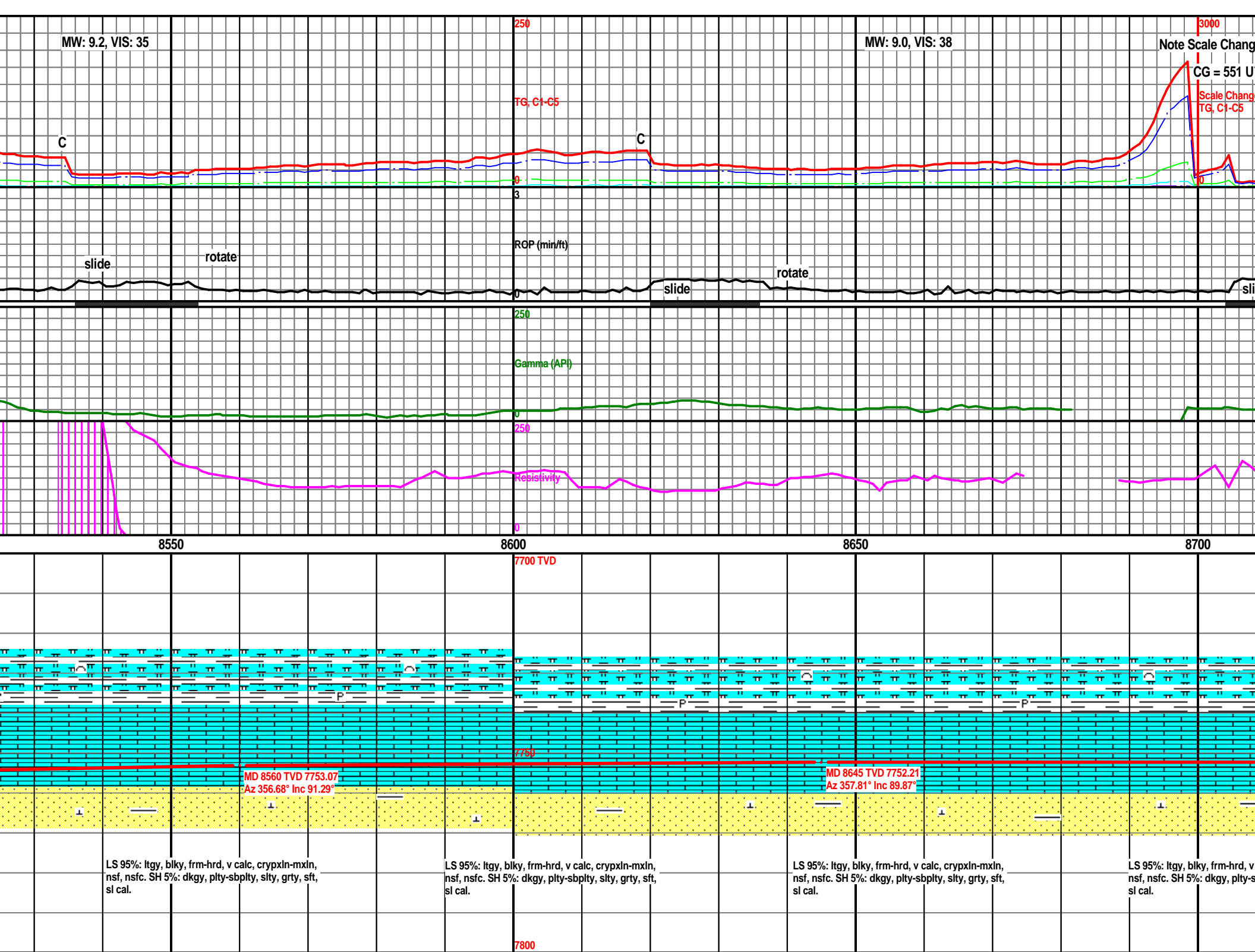
EVENT

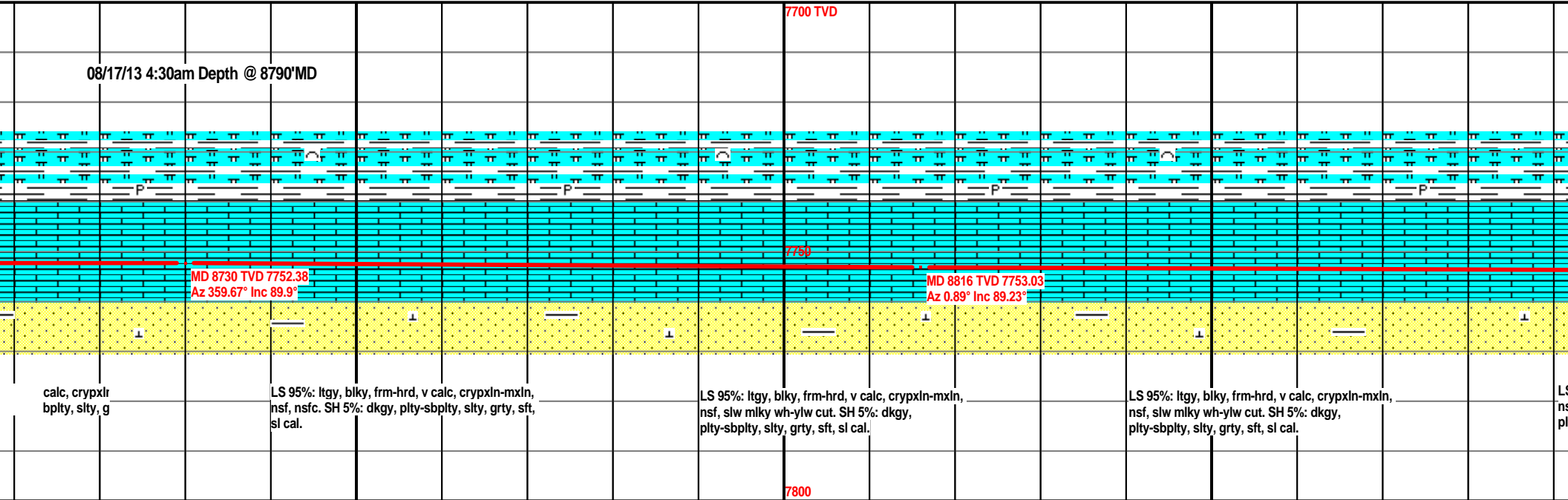
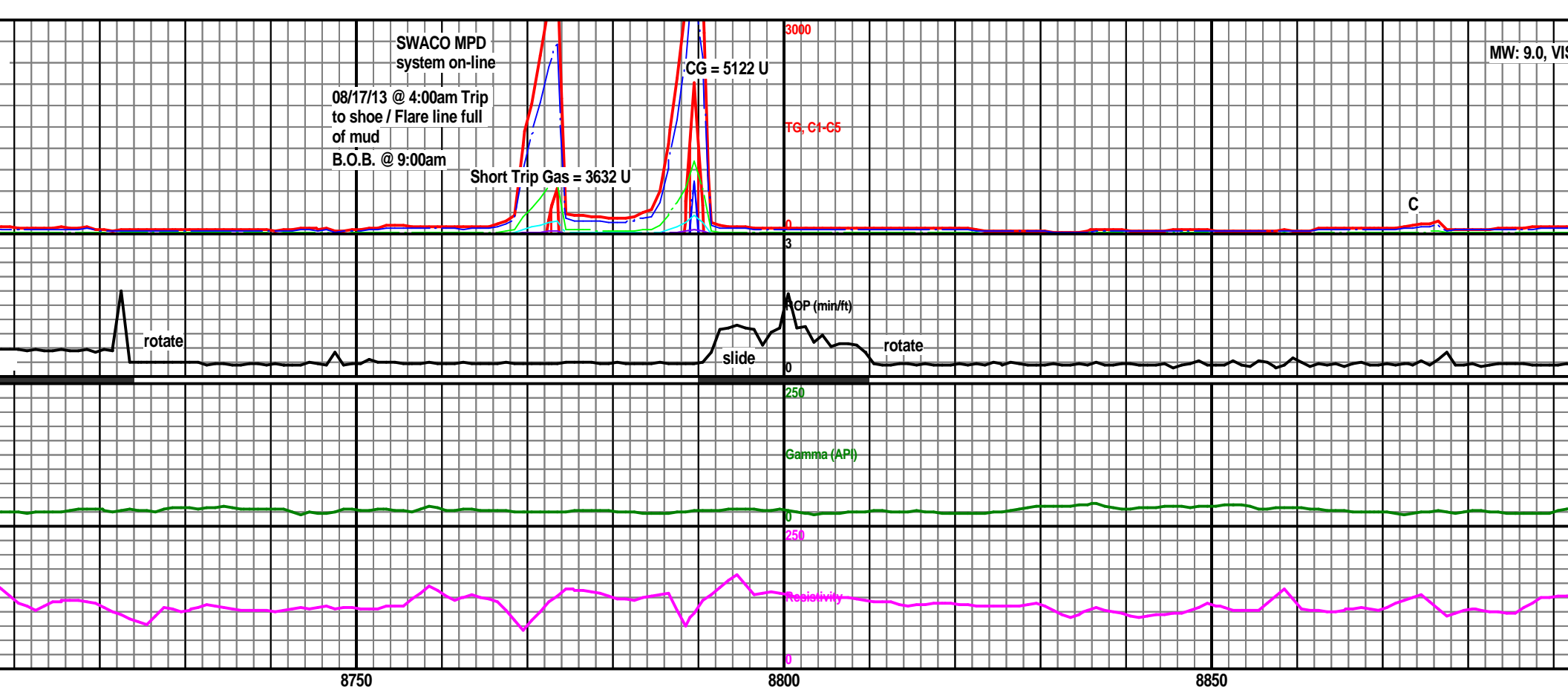
 Rft  
 Sidewall



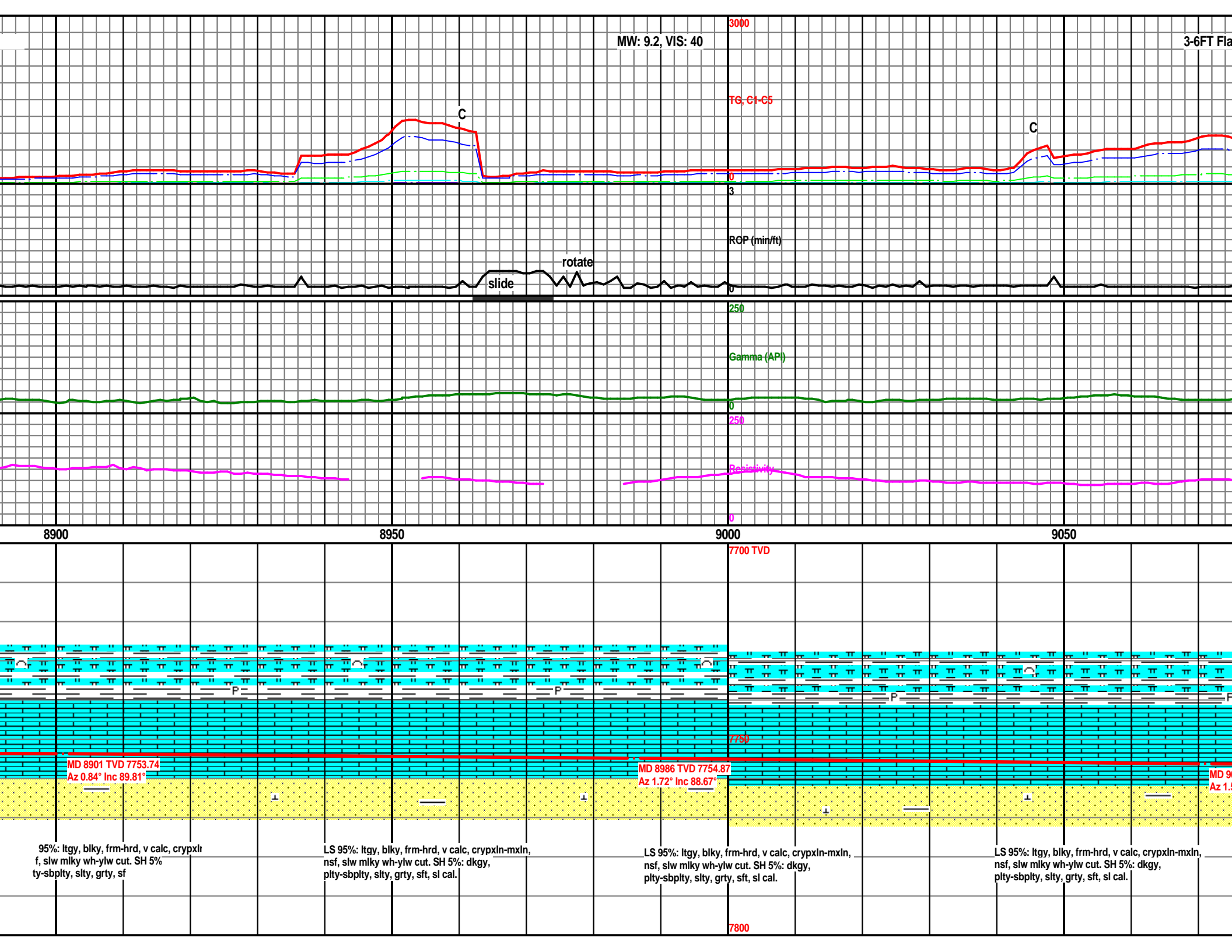


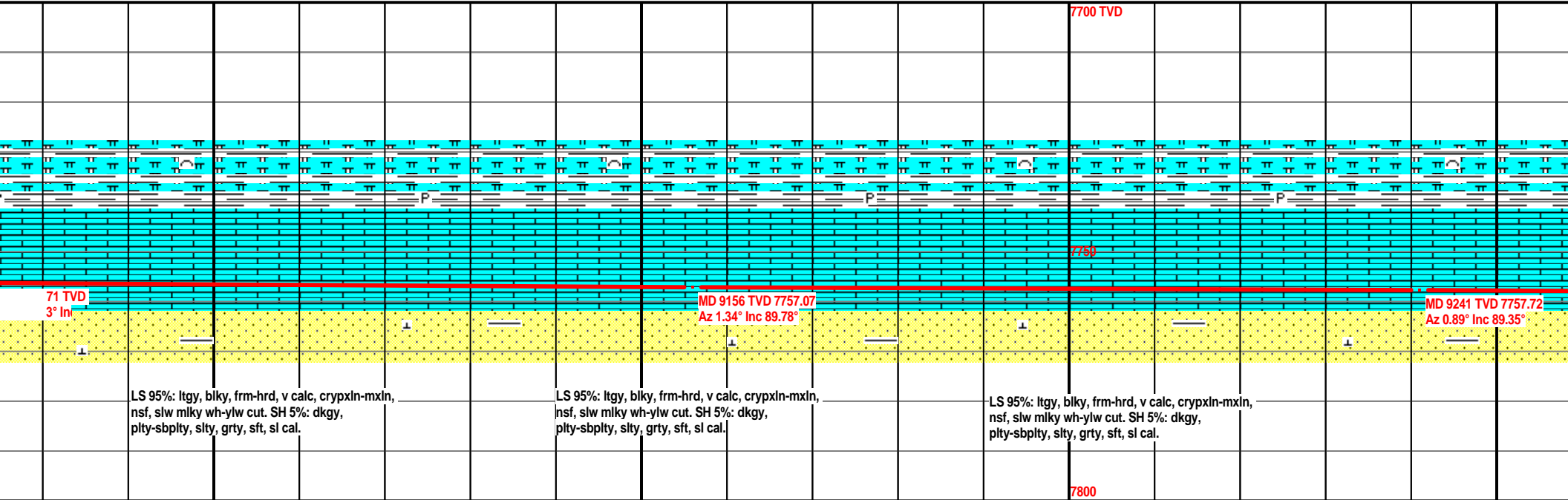
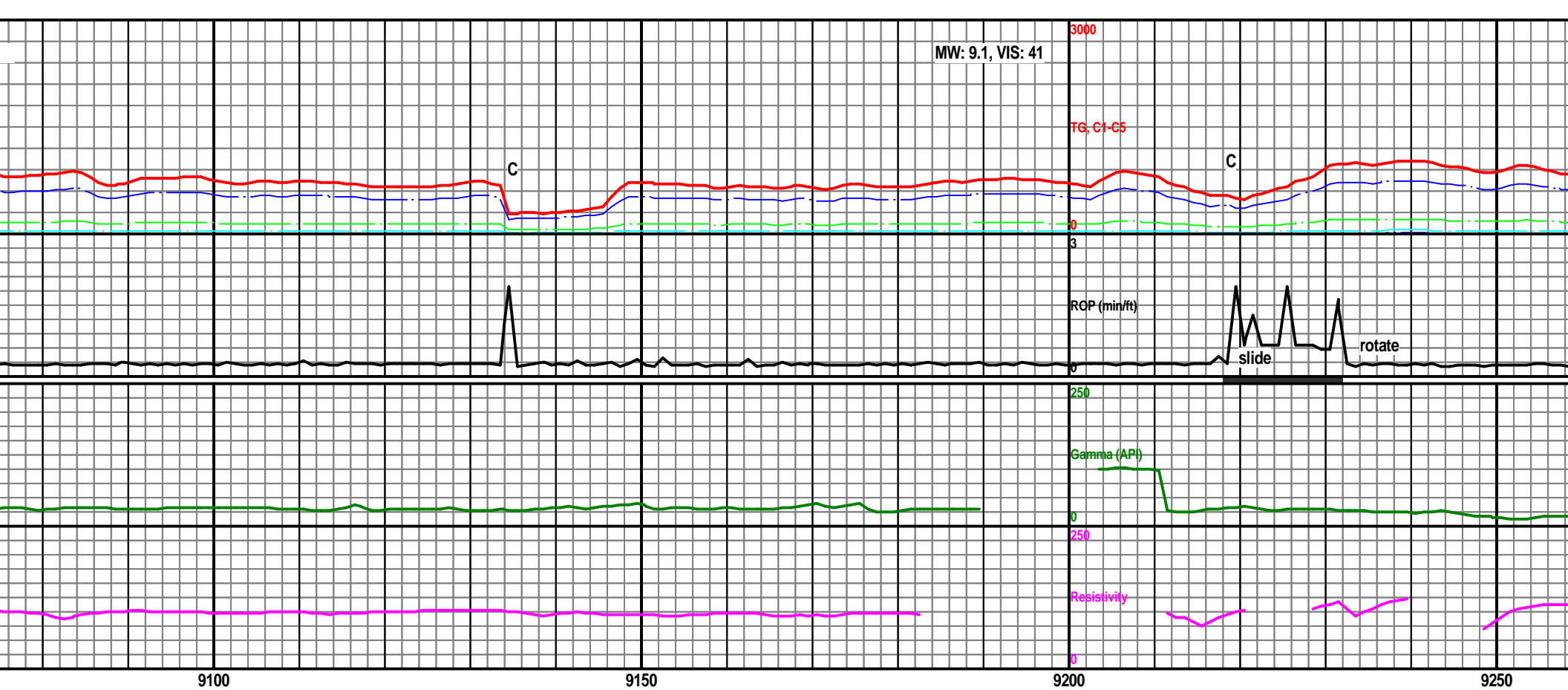


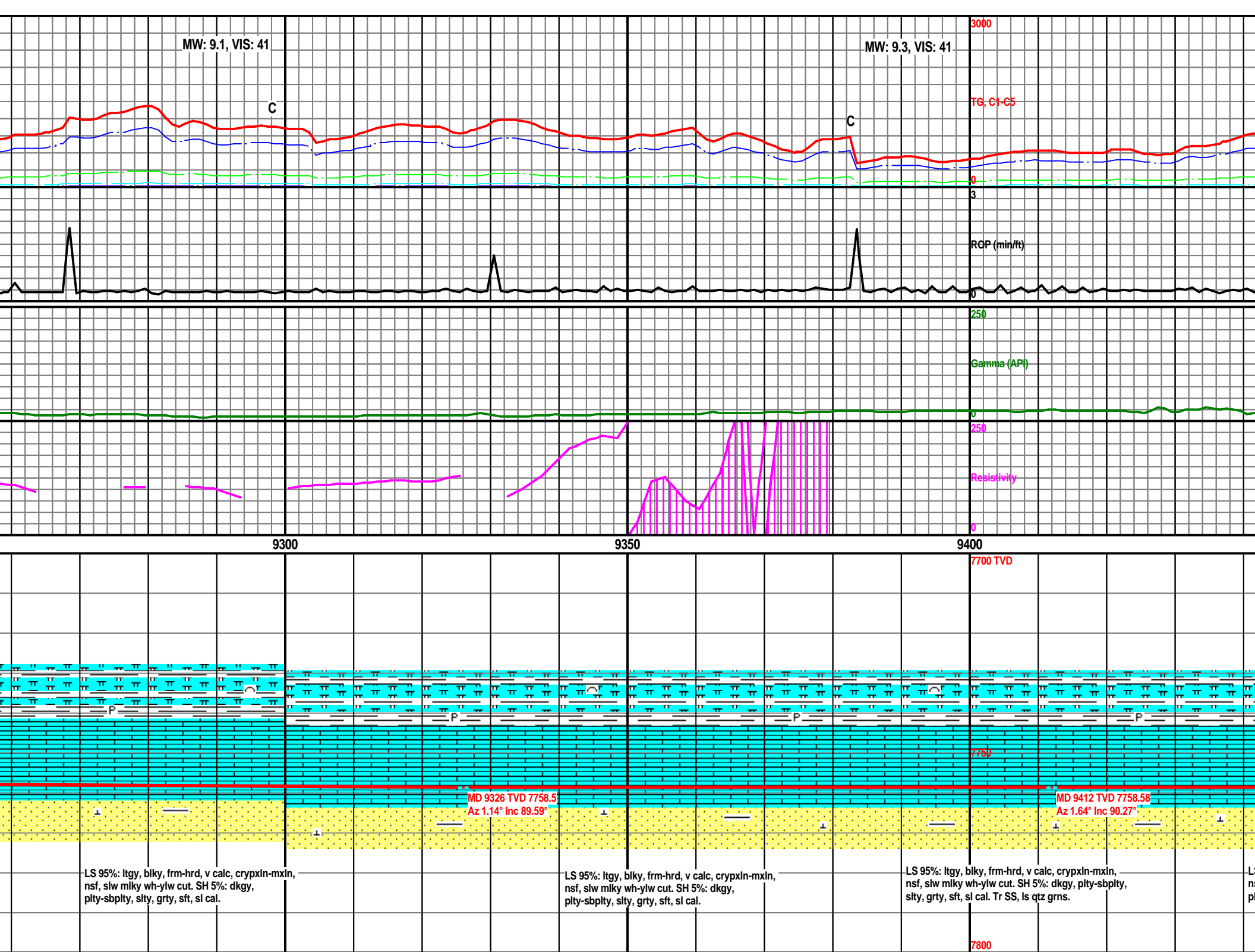


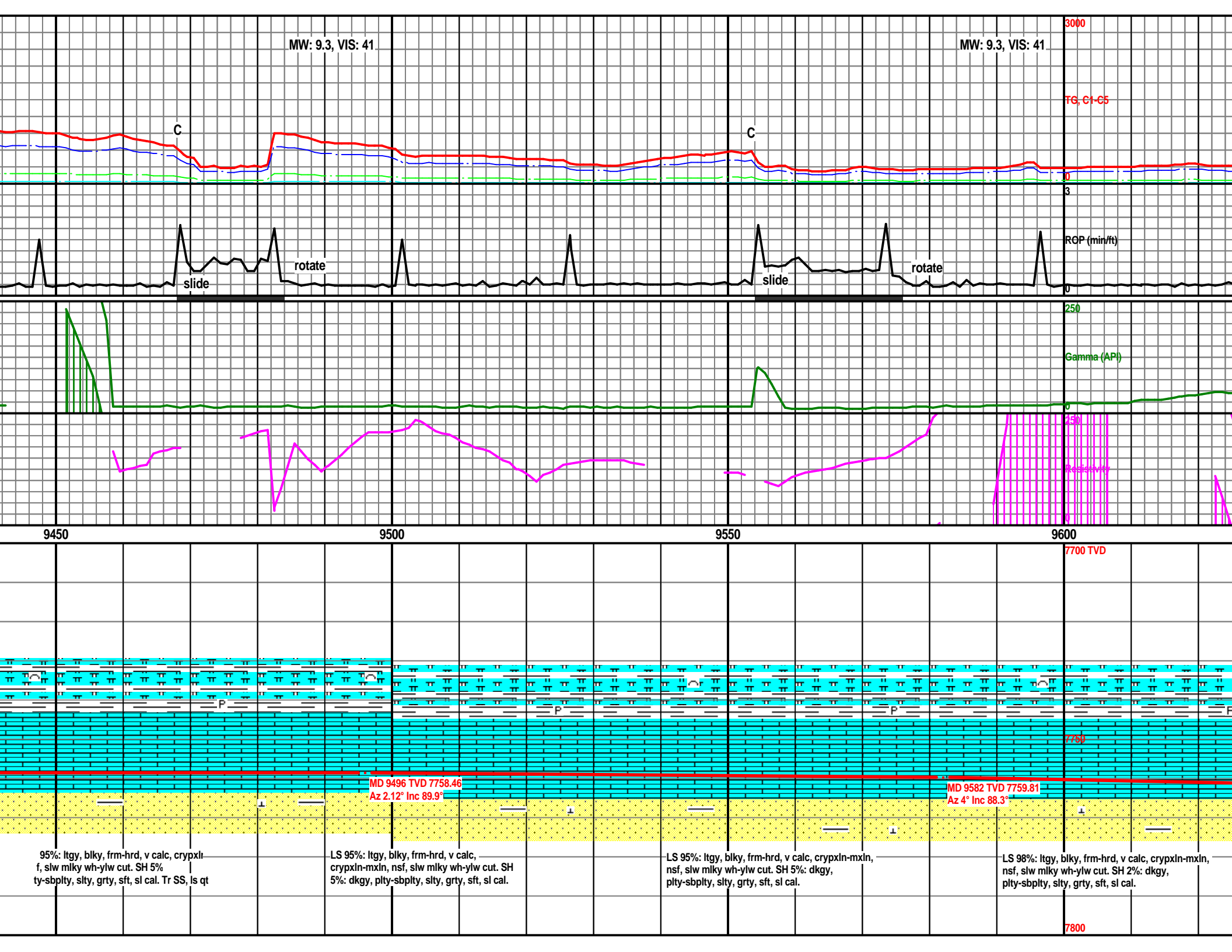












MW: 9.3, VIS: 41

MW: 9.3, VIS: 41

3000

TG, C1-C5

C

C

0

3

ROP (min/ft)

0

slide

rotate

slide

rotate

250

Gamma (API)

0

250

750

1250

1750

2250

2750

3250

3750

4250

4750

5250

5750

6250

6750

7250

7750

8250

8750

9250

9750

10250

10750

11250

11750

12250

12750

13250

13750

14250

14750

15250

15750

16250

16750

17250

17750

9450

9500

9550

9600

7700 TVD

7750

MD 9496 TVD 7758.46  
Az 2.12° Inc 89.9°

MD 9582 TVD 7759.81  
Az 4° Inc 88.3°

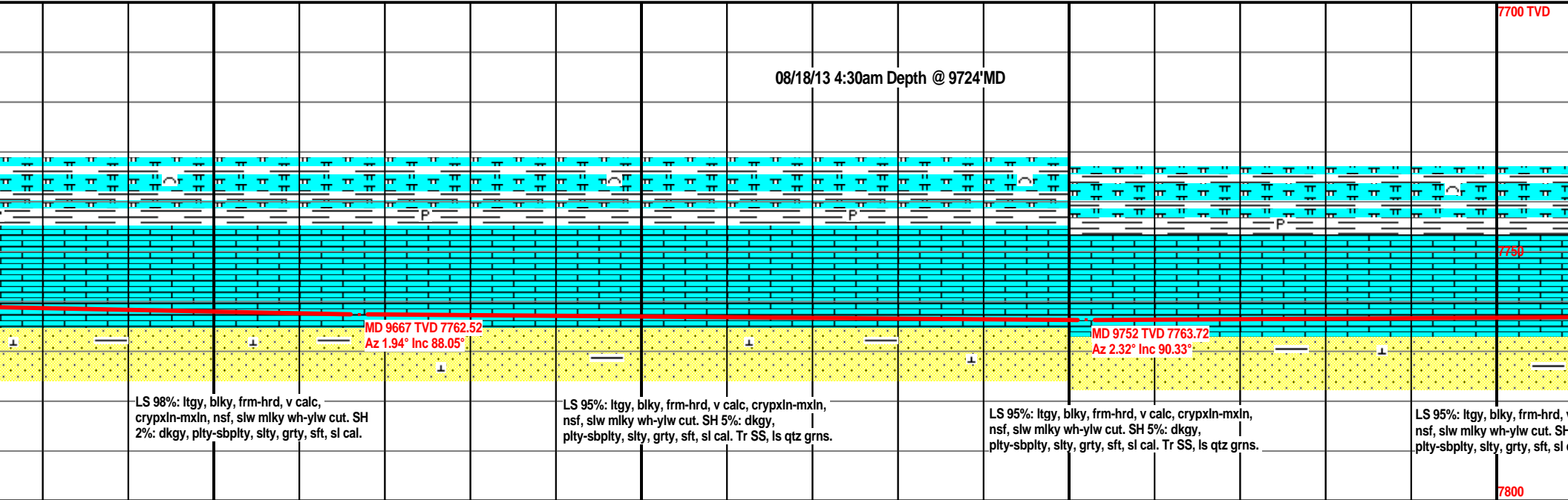
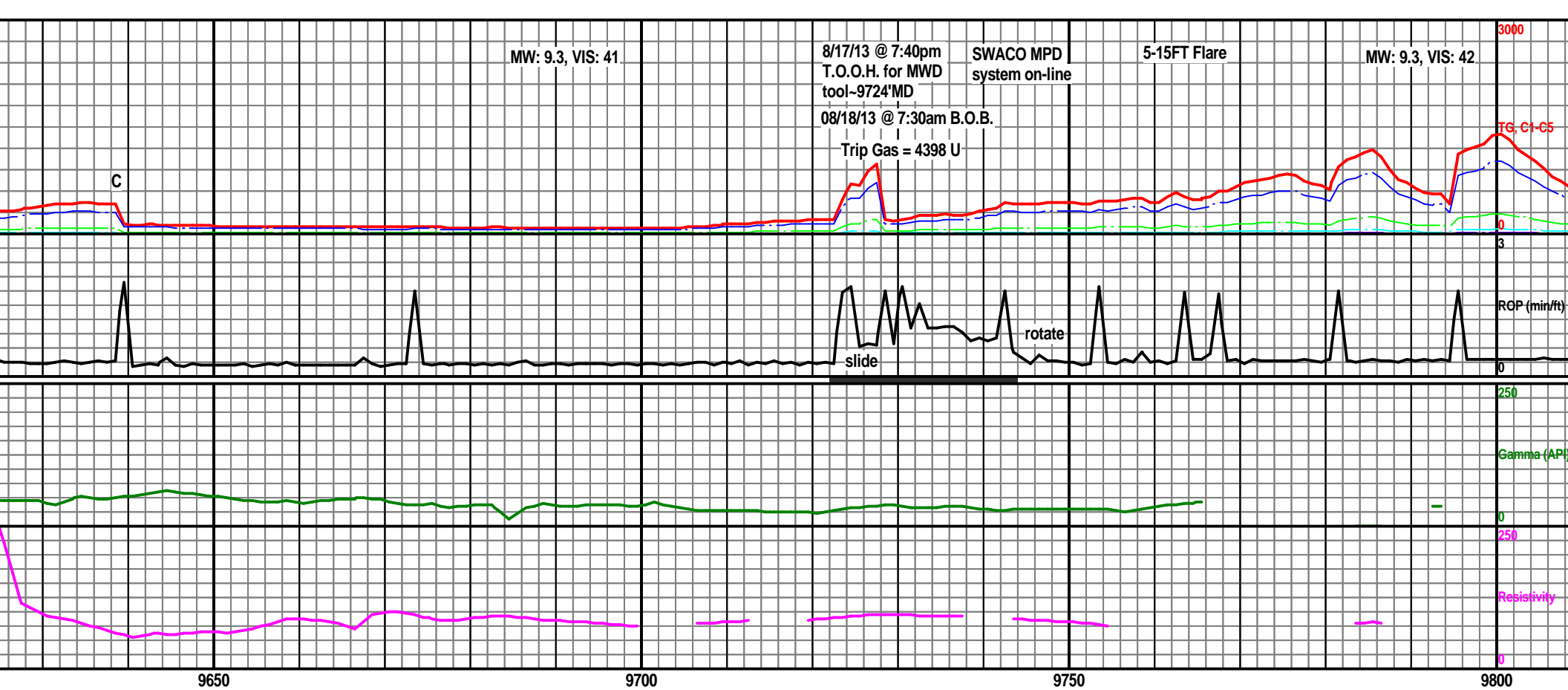
95%: ltgy, blk, frm-hrd, v calc, crypxln,  
f, slw mlky wh-ylw cut. SH 5%  
ty-sbplty, slty, grty, sft, sl cal. Tr SS, ls qt

LS 95%: ltgy, blk, frm-hrd, v calc,  
crypxln-mxln, nsf, slw mlky wh-ylw cut. SH  
5%: dkgy, plty-sbplty, slty, grty, sft, sl cal.

LS 95%: ltgy, blk, frm-hrd, v calc, crypxln-mxln,  
nsf, slw mlky wh-ylw cut. SH 5%: dkgy,  
plty-sbplty, slty, grty, sft, sl cal.

LS 98%: ltgy, blk, frm-hrd, v calc, crypxln-mxln,  
nsf, slw mlky wh-ylw cut. SH 2%: dkgy,  
plty-sbplty, slty, grty, sft, sl cal.

7800

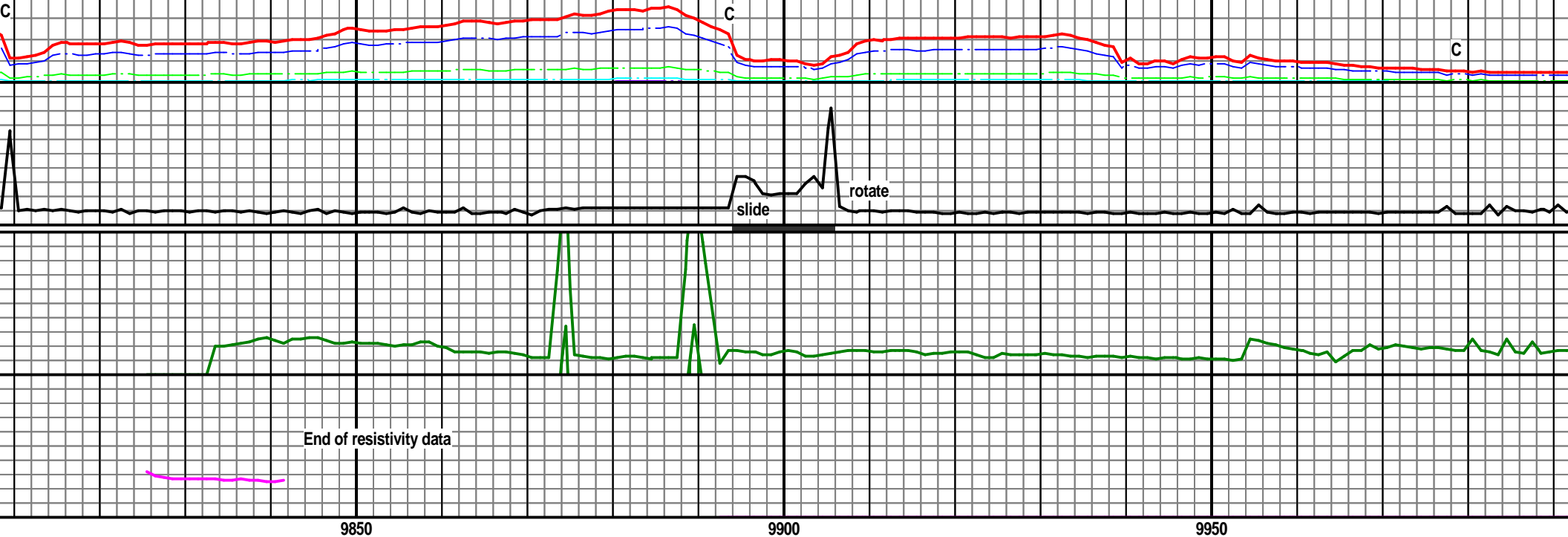


MW: 9.2, VIS: 40

08/18/13 @ 12:00pm  
T.O.O.H. for MWD  
tool-9894'MD  
08/18/13 @ 11:00pm B.O.B.

SWACO MPD  
system on-line

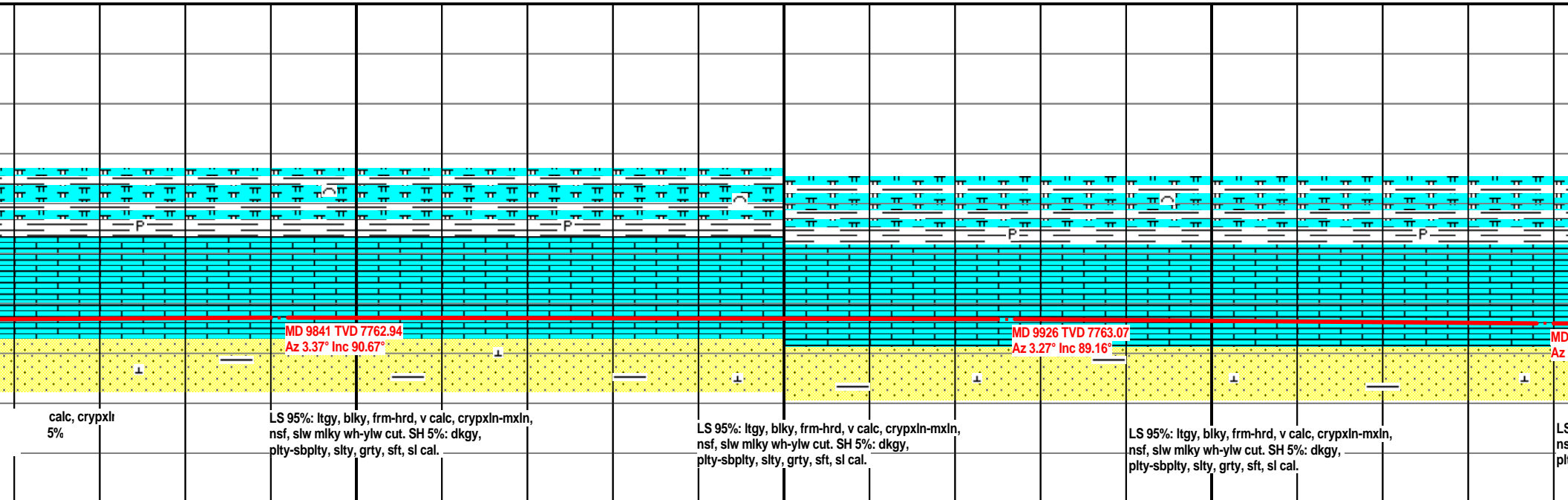
5-15FT Flare



9850

9900

9950



MD 9841 TVD 7762.94  
Az 3.37° Inc 90.67°

MD 9926 TVD 7763.07  
Az 3.27° Inc 89.16°

calc, crypxli  
5%

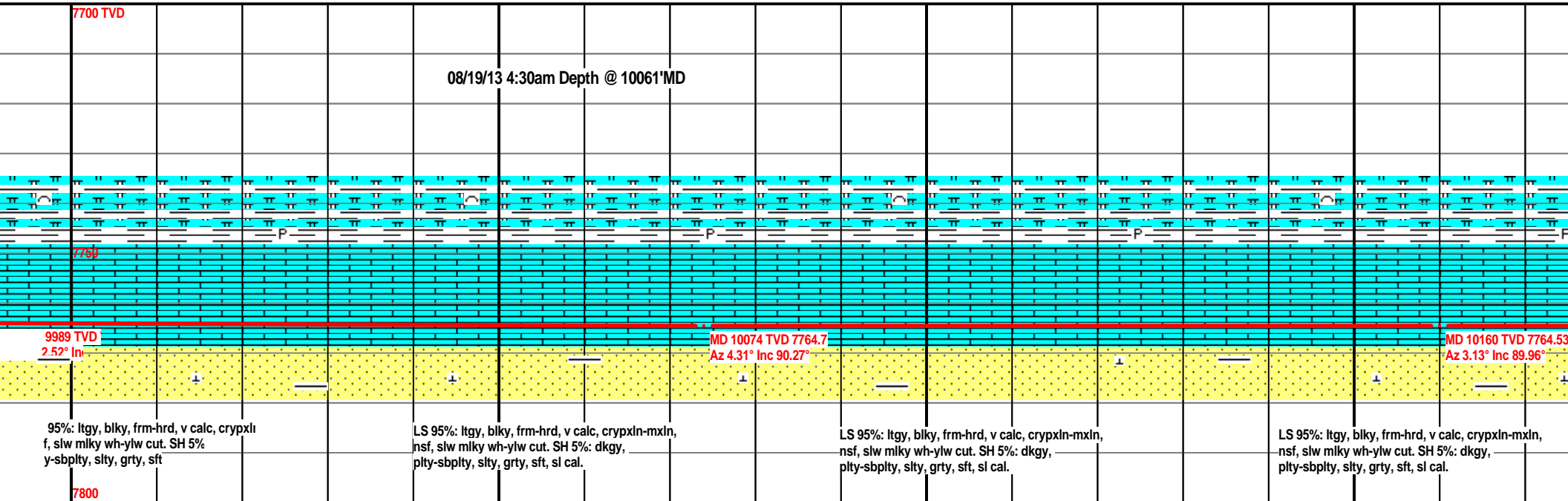
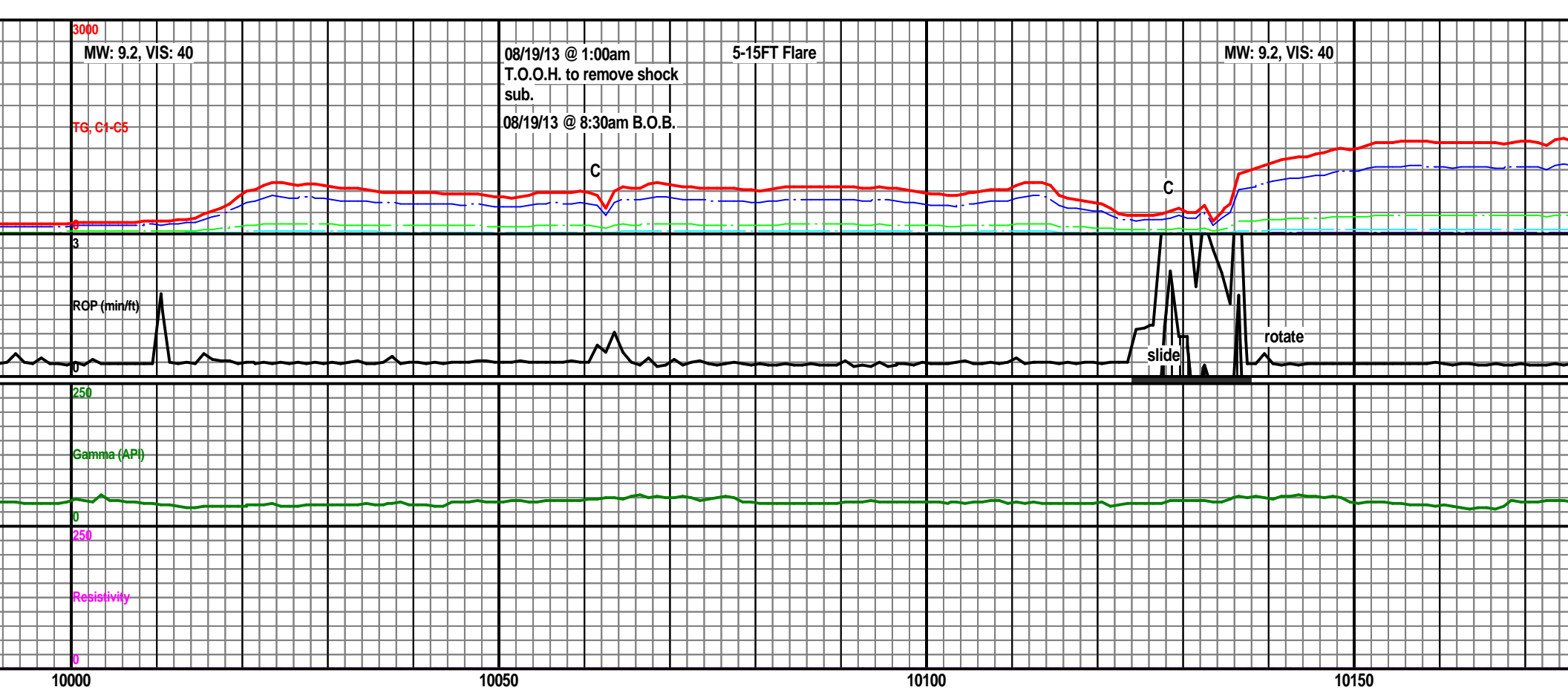
LS 95%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln,  
nsf, slw mlky wh-ylw cut. SH 5%: dkgy,  
plty-sbply, slty, grty, sft, sl cal.

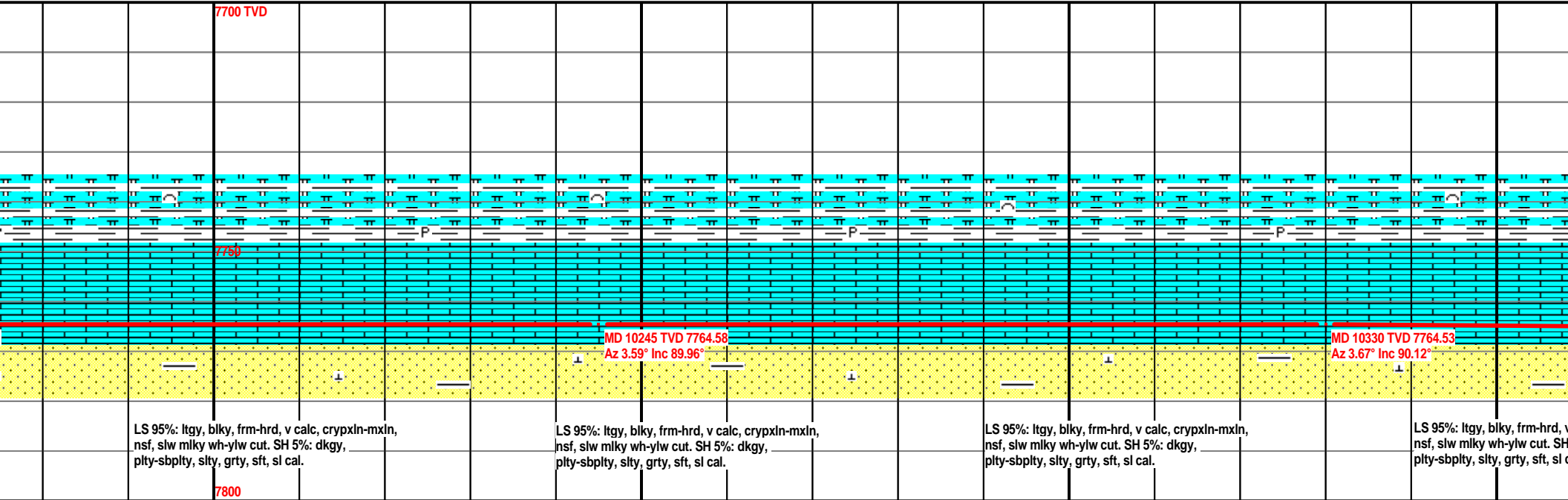
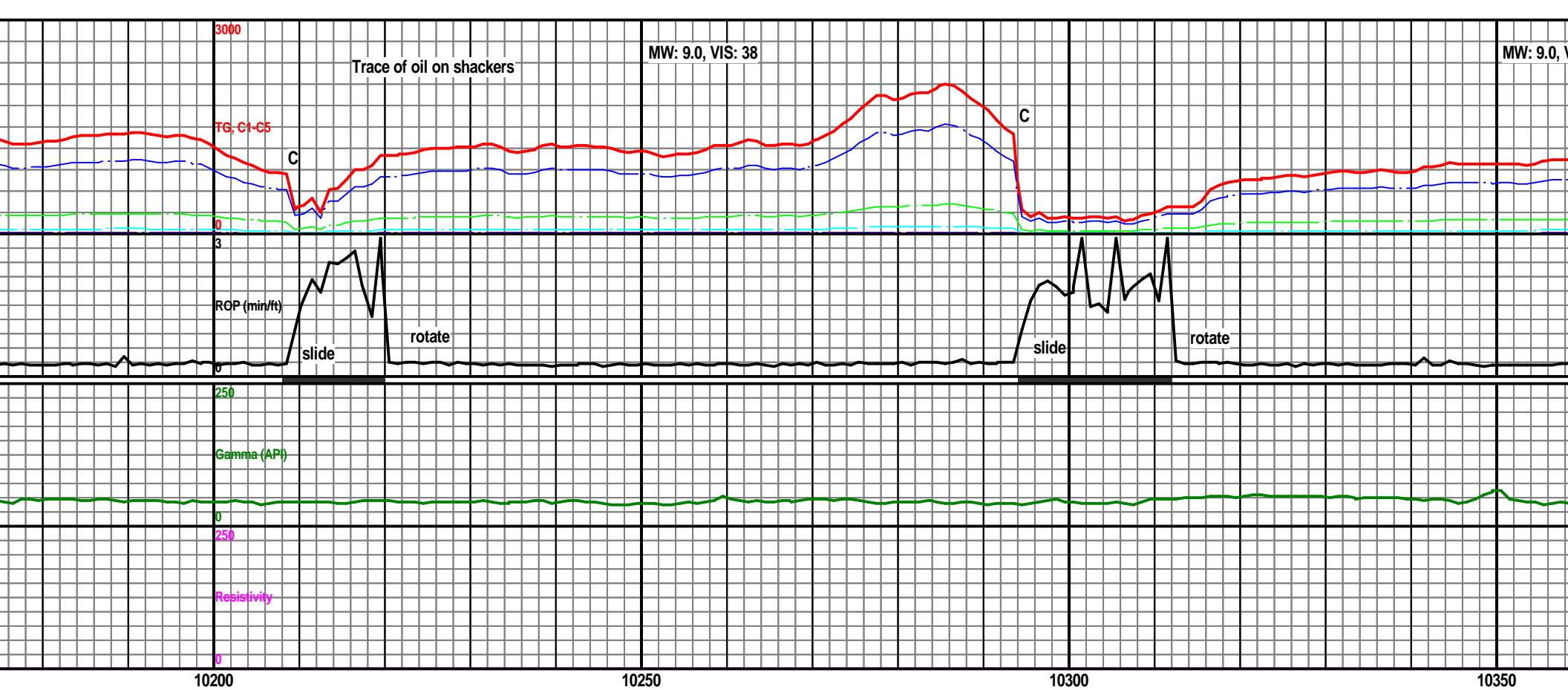
LS 95%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln,  
nsf, slw mlky wh-ylw cut. SH 5%: dkgy,  
plty-sbply, slty, grty, sft, sl cal.

LS 95%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln,  
nsf, slw mlky wh-ylw cut. SH 5%: dkgy,  
plty-sbply, slty, grty, sft, sl cal.

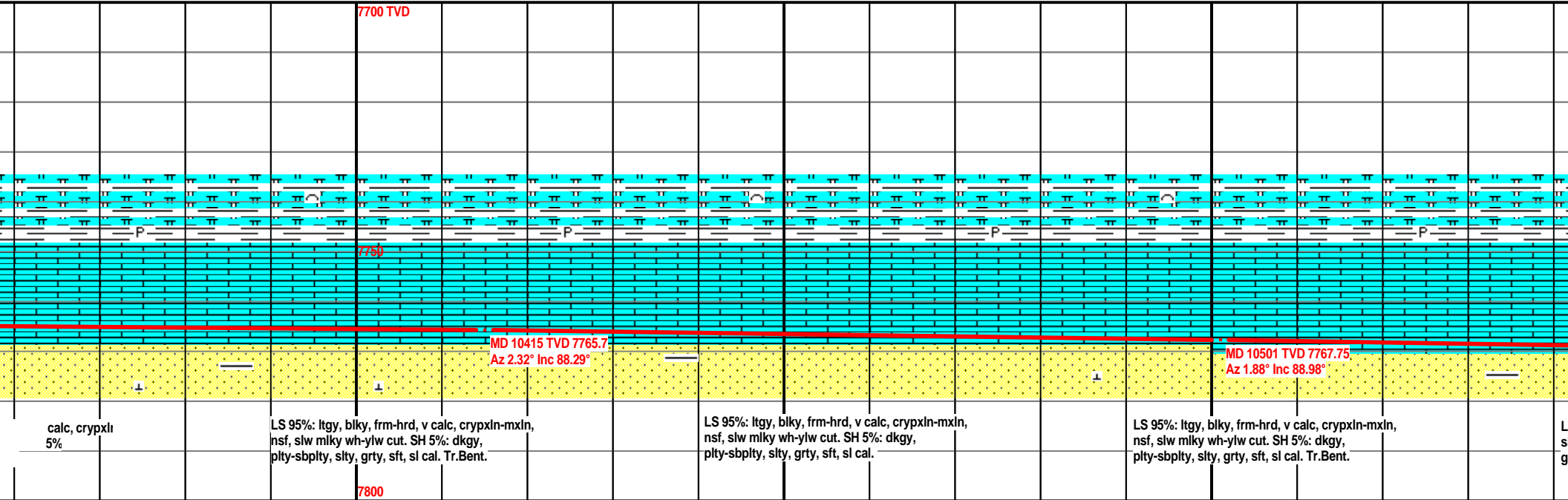
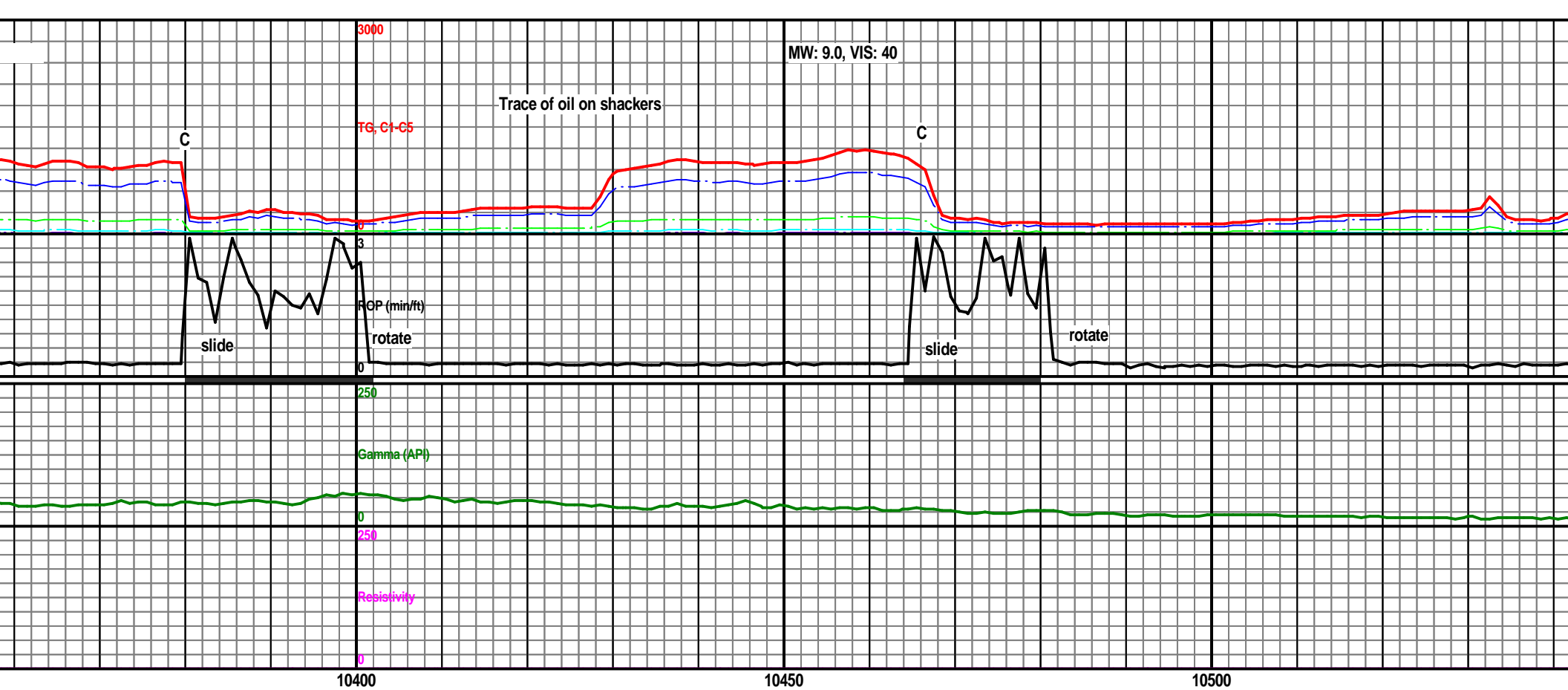
MD  
Az

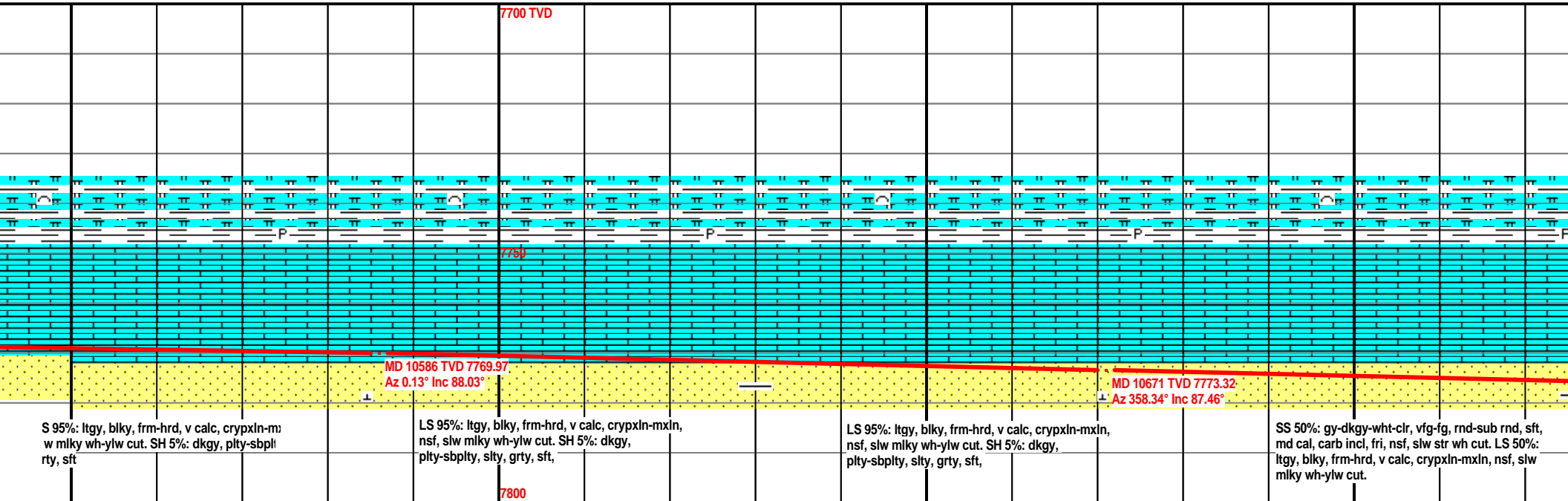
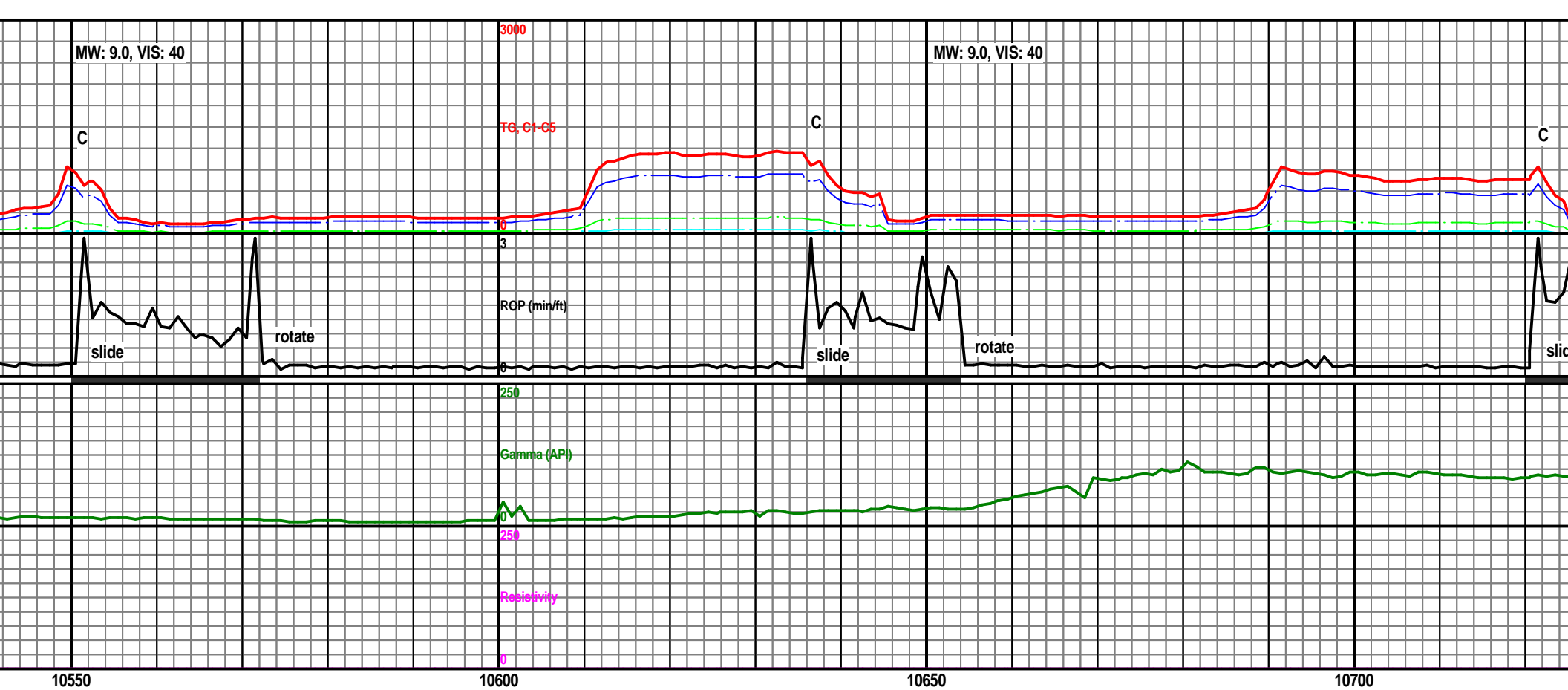
LS  
ns  
pl

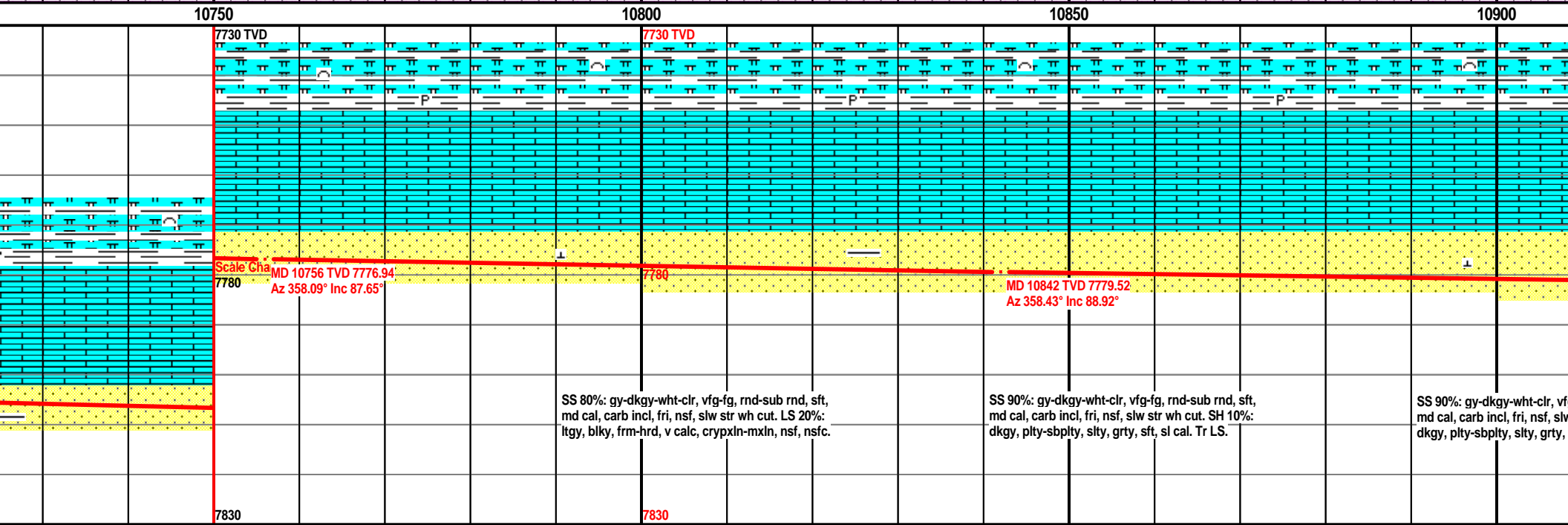
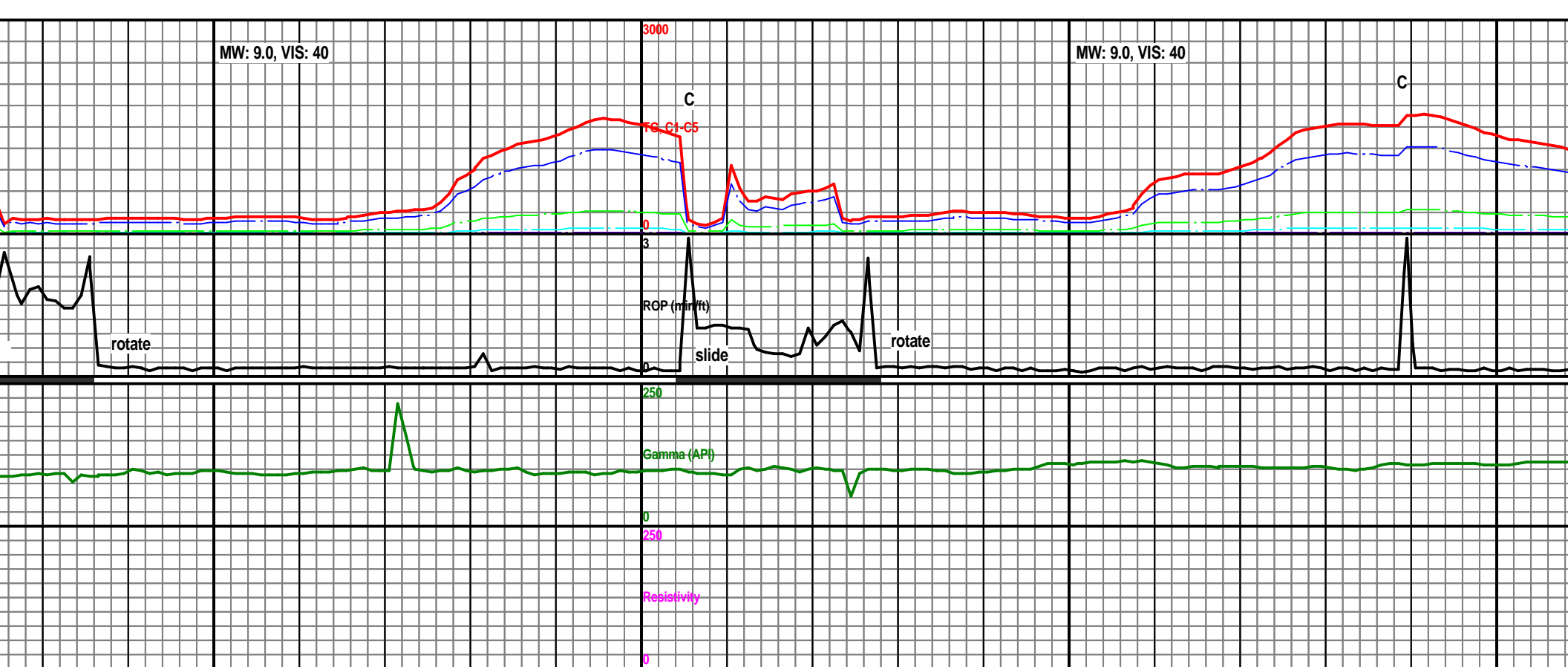


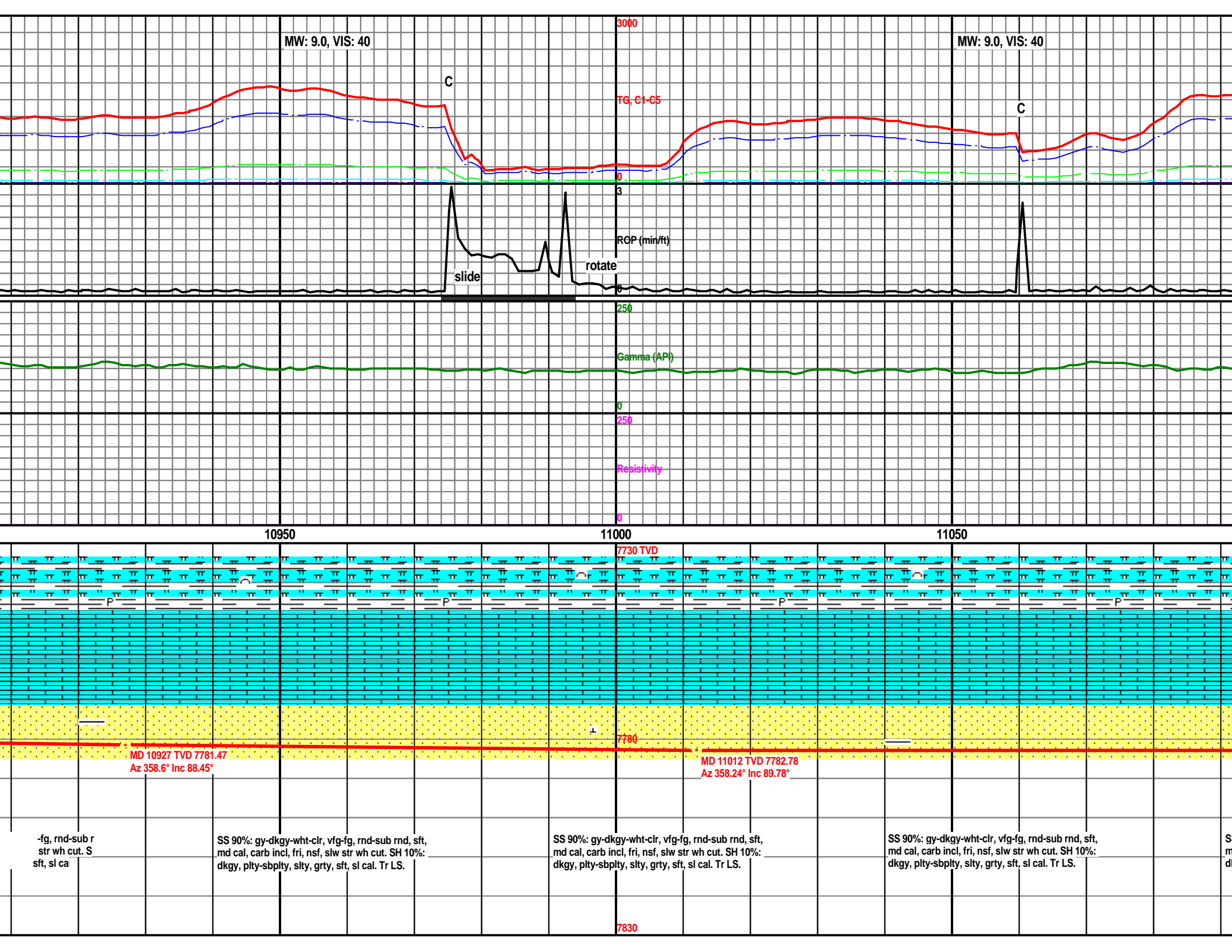


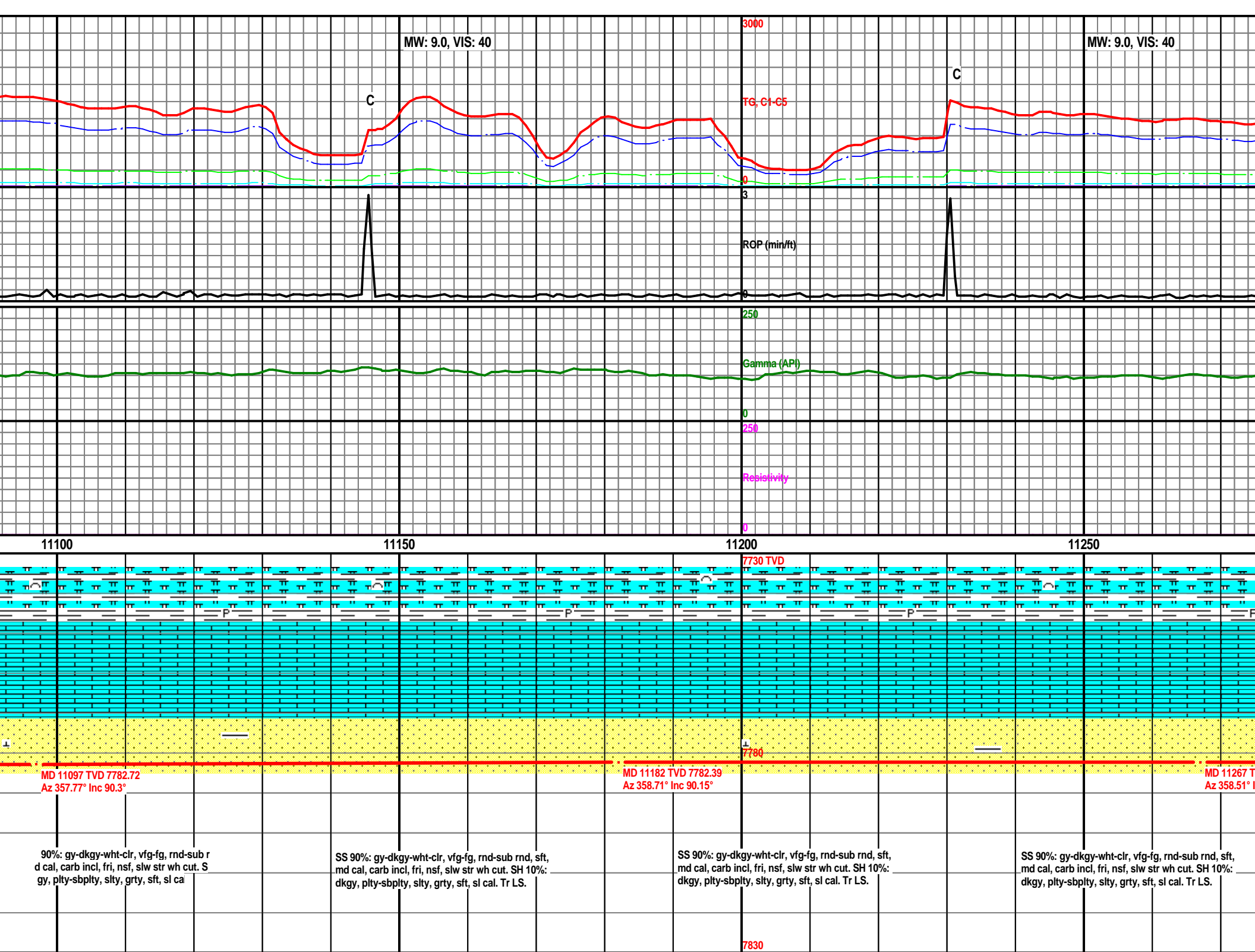


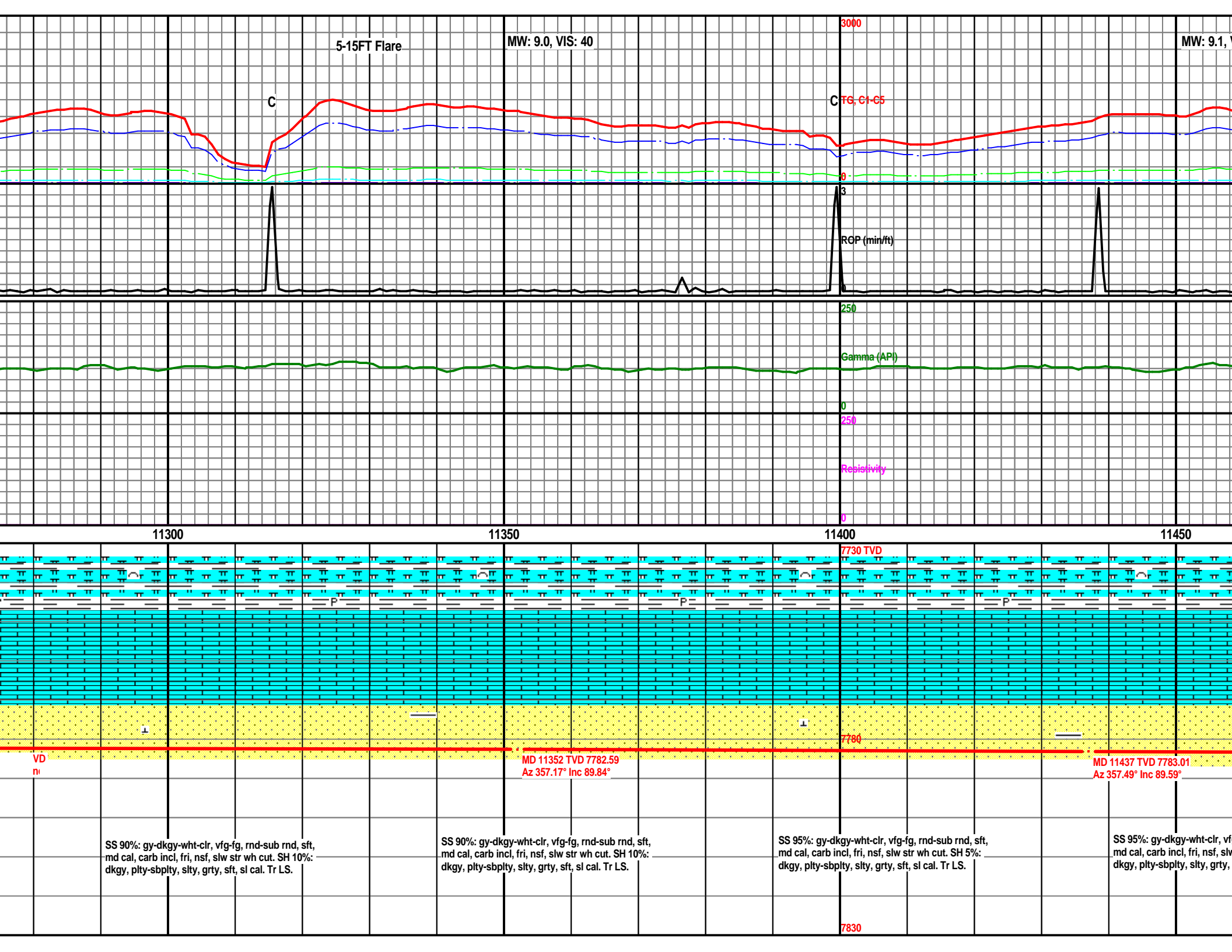


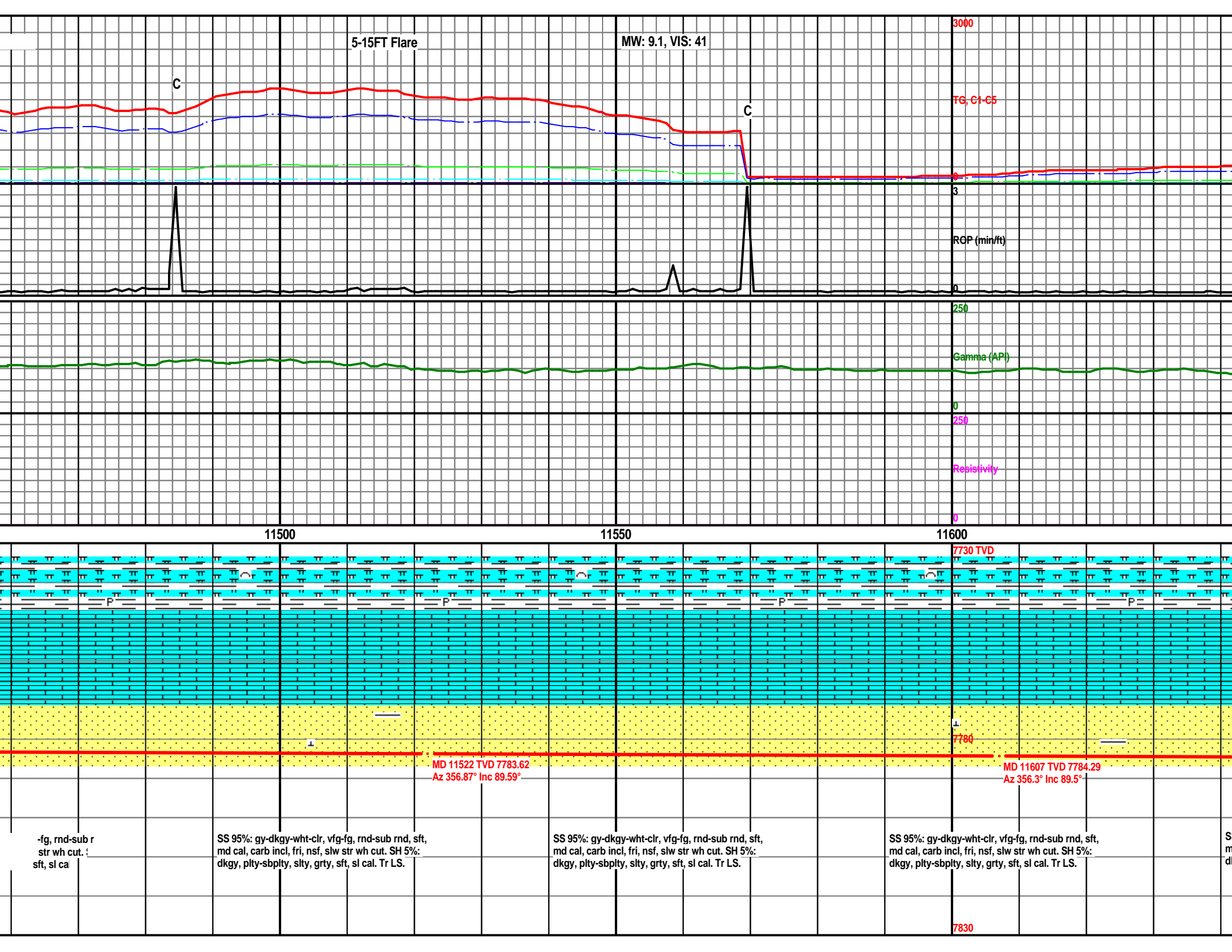


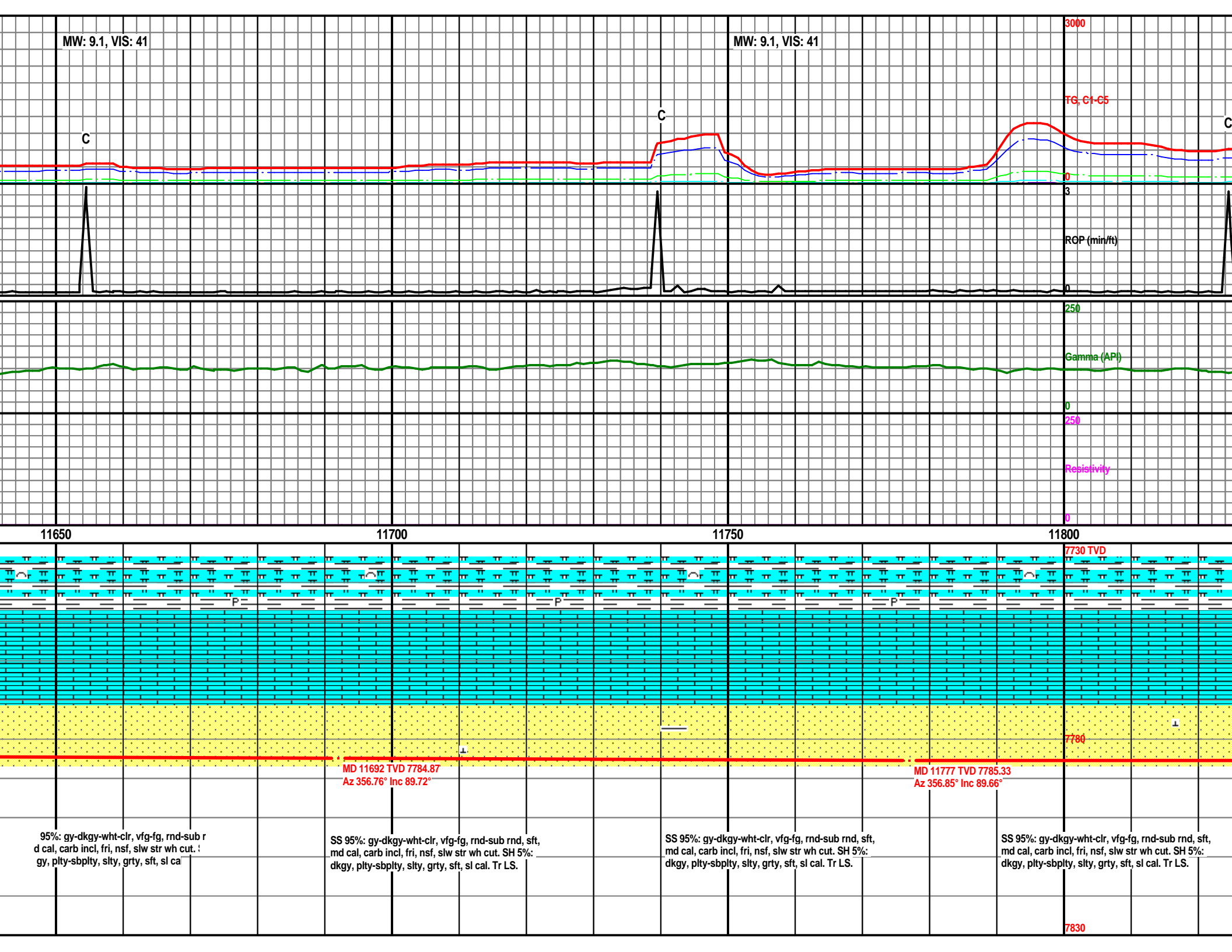




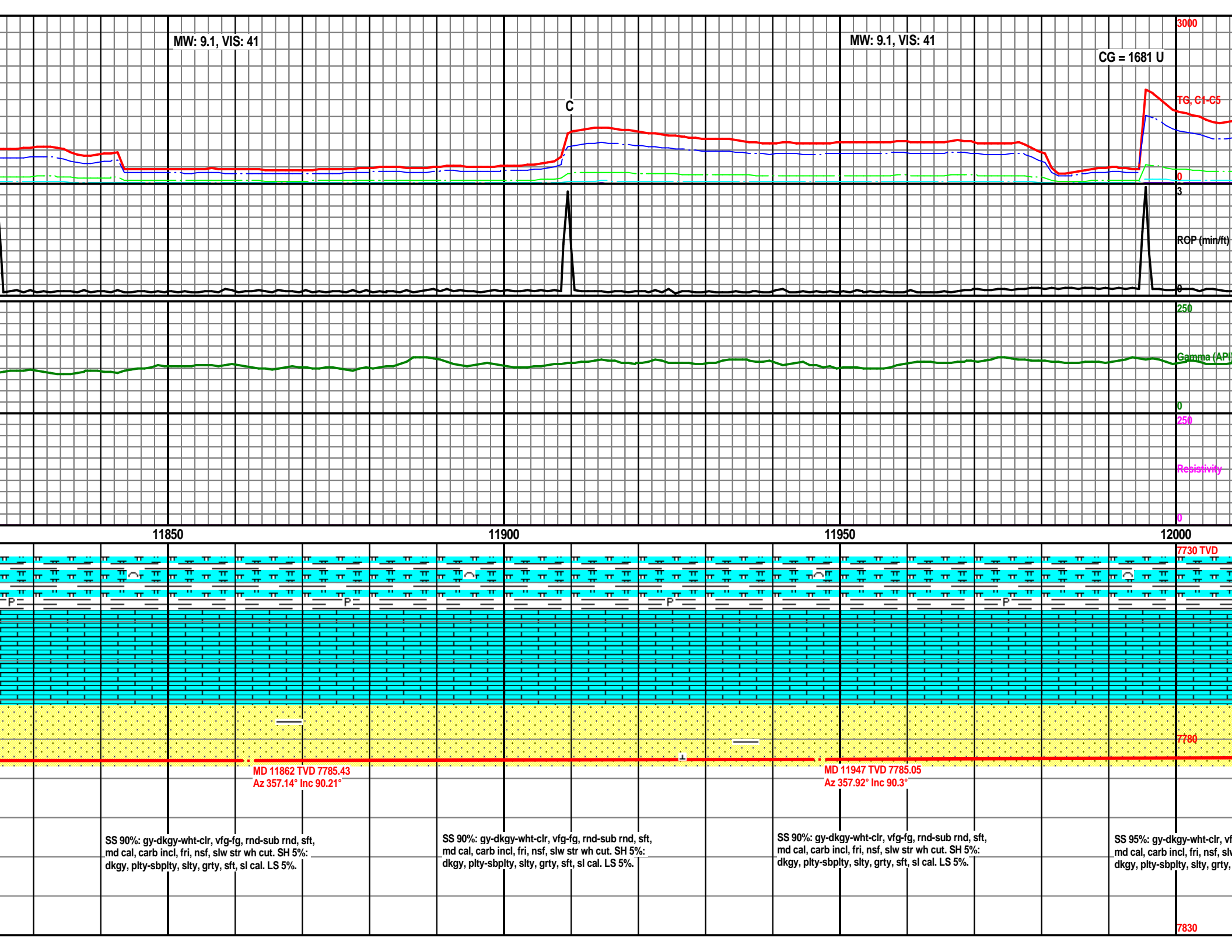












MW: 9.1, VIS: 41

TD of 12149' MD Achieved  
8/20/13 1:11AM. T.O.O.H to  
run liner.

Casing Trip Gas = 750 U

C

Two man logging unit  
with sample program  
and gas analyzer  
released 08/21/13.

12050

12100

12150

Projection to Bit: MD 12149, INC  
90.37, AZM 357.54, TVD 7783.93

MD 12032 TVD 7784.63  
Az 357.36° Inc 90.27°

MD 12097 TVD 7784.26  
Az 357.54° Inc 90.37°

g-fg, rnd-sub r  
str wh cut. !  
sft, sl cal

SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,  
md cal, carb incl, fri, nsf, slw str wh cut. SH 5%:  
dkgy, plty-sbpty, slty, grty, sft, sl cal. Tr LS.

SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,  
md cal, carb incl, fri, nsf, slw str wh cut. SH 5%:  
dkgy, plty-sbpty, slty, grty, sft, sl cal. Tr LS.

SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,  
md cal, carb incl, fri, nsf, slw str wh cut. SH 5%:  
dkgy, plty-sbpty, slty, grty, sft, sl cal. Tr LS.