



Scale 1:200 Imperial
Measured Depth Log

Well Name: D&C Farms 35C-33HZ
Location: Weld County, CO.
License Number: 05123378920000
Spud Date: 10/08/13
Surface Coordinates: 736' FSL & 2135' FWL, SEC. 28, T1N-R67W
Region: Weld County
Drilling Completed: 10/13/13
Bottom Hole Coordinates: 460' FSL & 1530' FWL, SEC. 33, T1N-R67W
Ground Elevation (ft): 5011' K.B. Elevation (ft): 5027'
Logged Interval (ft): 7900' To: 12889' Total Depth (ft): 12889'
Formation: Codell
Type of Drilling Fluid: Water Based

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

OPERATOR

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

GEOLOGIST

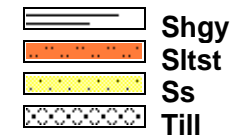
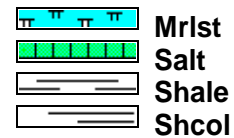
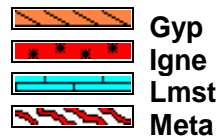
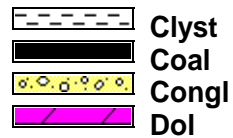
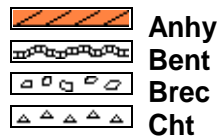
Name: Scott Crozier / Ben Thompson
Company: Great Divide Consulting, Inc.
Address: P.O. Box 630263
Highlands Ranch, CO 80163

Cores

DSTs

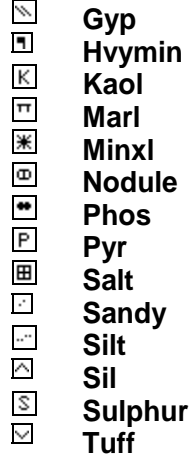
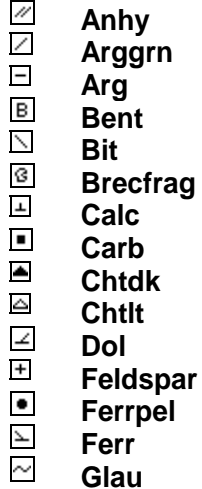
Comments

ROCK TYPES

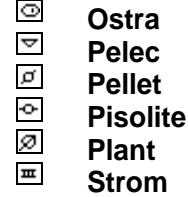
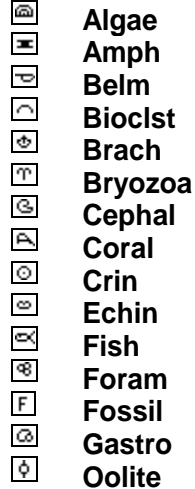


ACCESSORIES

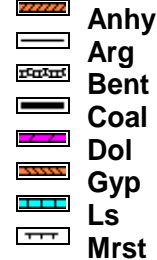
MINERAL



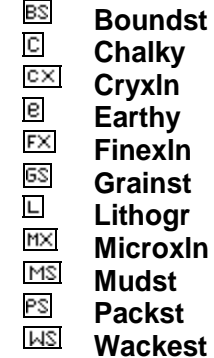
FOSSIL










STRINGER



TEXTURE







POROSITY

 Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint

**Vuggy****SORTING**

 Well
 Moderate
 Poor



OTHER SYMBOLS**ROUNDING**

 Rounded
 Subrnd
 Subang
 Angular

OIL SHOW

 Even

**Spotted**

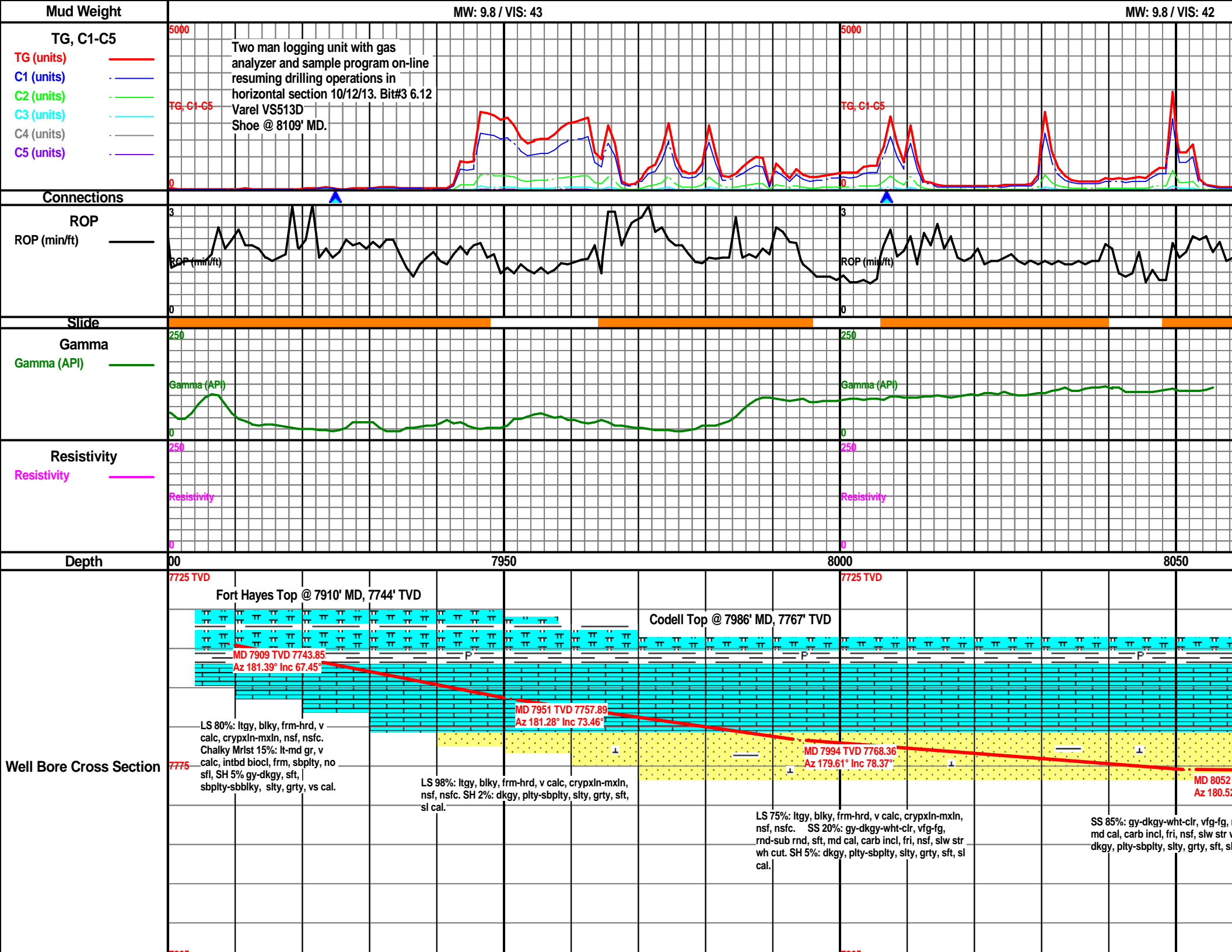
 Ques
 Dead

INTERVAL

 Core
 Dst

EVENT

 Rft
 Connection



Curve TD of 8109' MD achieved @
10:22PM 10/10/13. T.O.O.H. for
intermediate casing.
10/12/13 @ 12:05pm B.O.B.

SWACO MPD
system on-line.
On Gas Buster-TD

Gas Show #1
8197'-9068'

Scale Change
TG, C1-C5

ROP (min/ft)

Gamma (API)

Resistivity

8100

8150

8200

10/12/13 4:30am Depth @ 8109'MD

7725 TVD

TVD
° In

MD 8139 TVD 7777.16
Az 180.98° Inc 91.07°

7775

MD 8224 TVD 7775.29
Az 181.91° Inc 91.45°

nd-sub r
h cut. S
ca

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,
md cal, carb incl, fri, nsf, slw str wh cut. SH 10%:
dkgy, plty-sbplty, slty, grty, sft, sl cal.

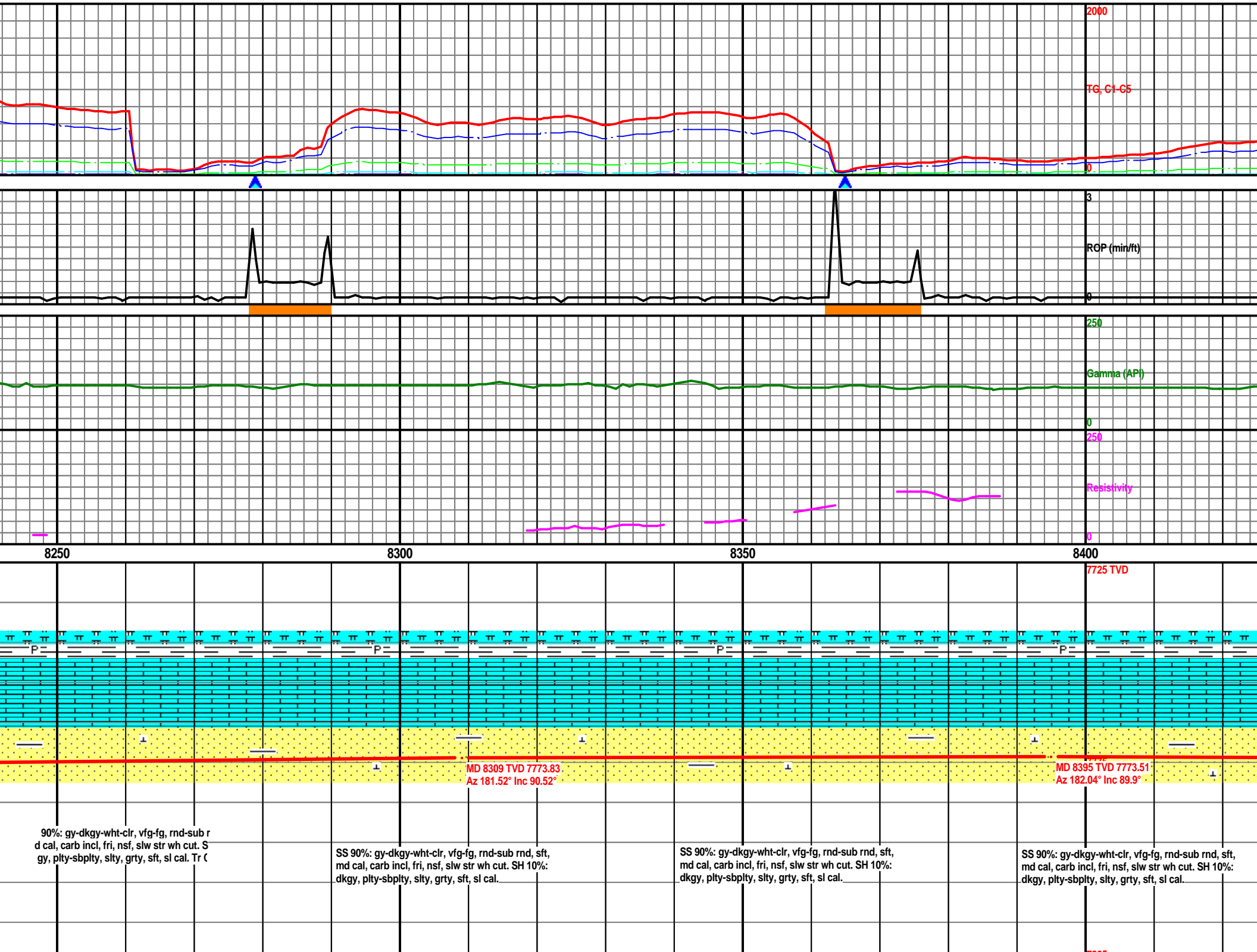
SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,
md cal, carb incl, fri, nsf, slw str wh cut. SH 10%:
dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr Cement.

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,
md cal, carb incl, fri, nsf, slw str wh cut. SH 10%:
dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr Cement.

S
m
d

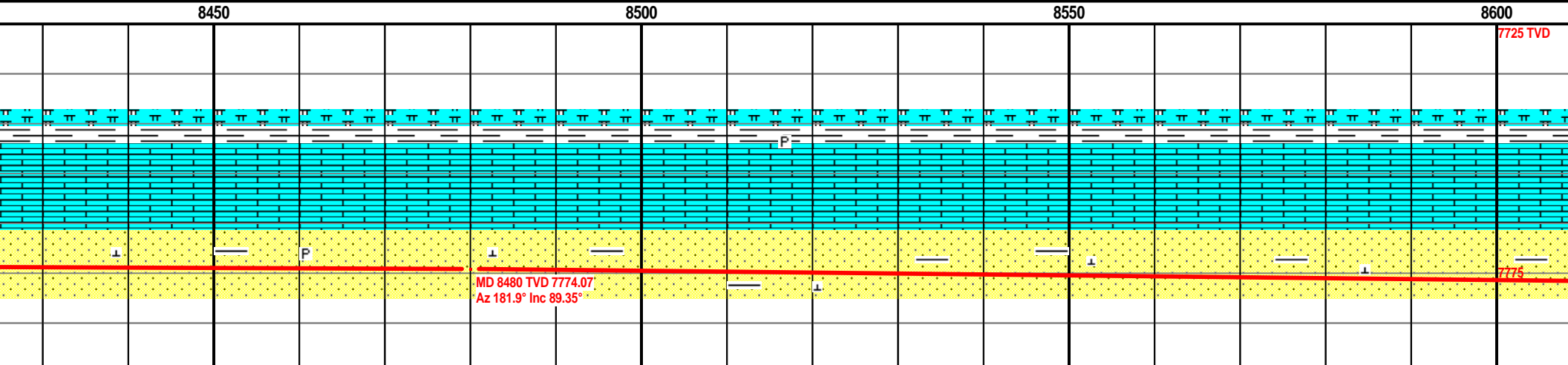
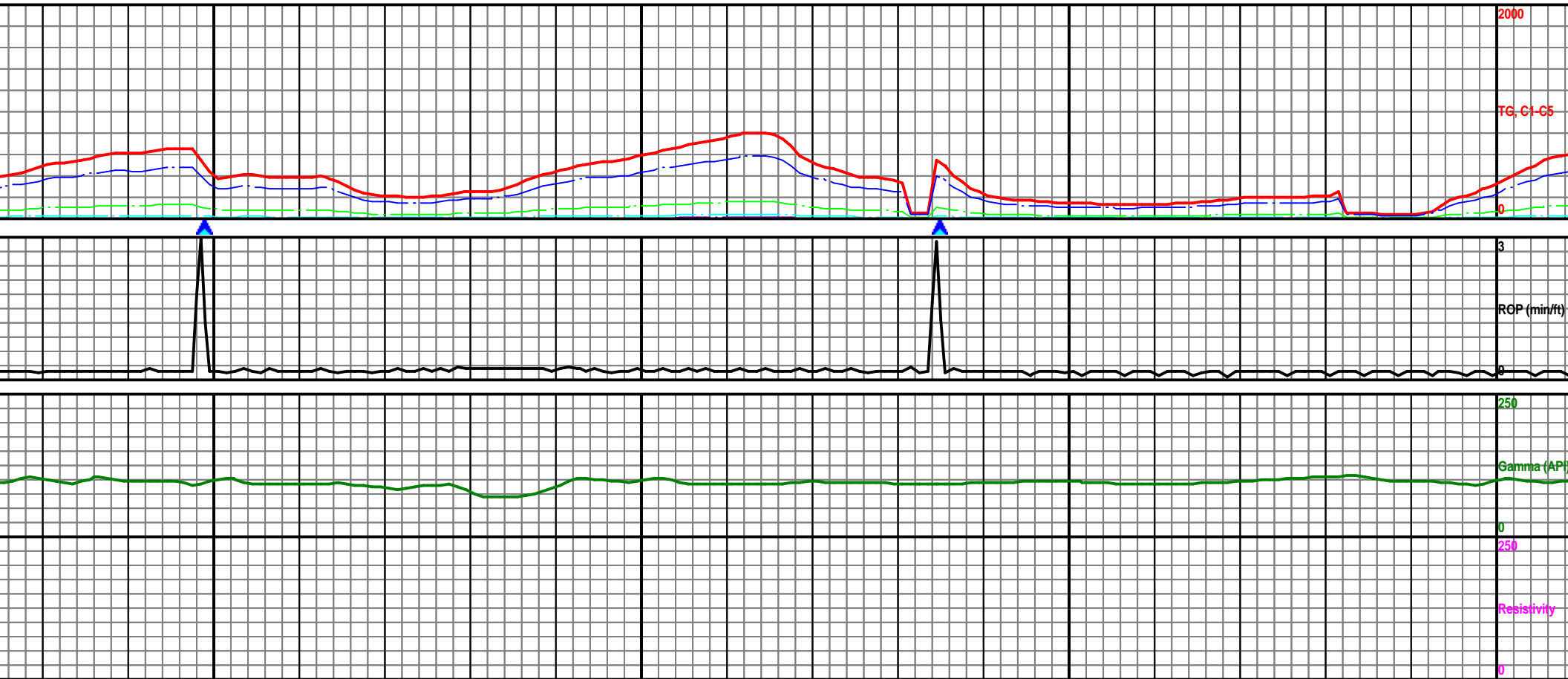
MW: 9.2 / VIS: 41

MW: 9.2 / VIS: 41



MW: 9.2 / VIS: 41

MW: 9.2 / VIS: 42



SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, slw str wh cut. SH 10%: dkgy, plty-sbpty, slty, grty, sft, sl cal.

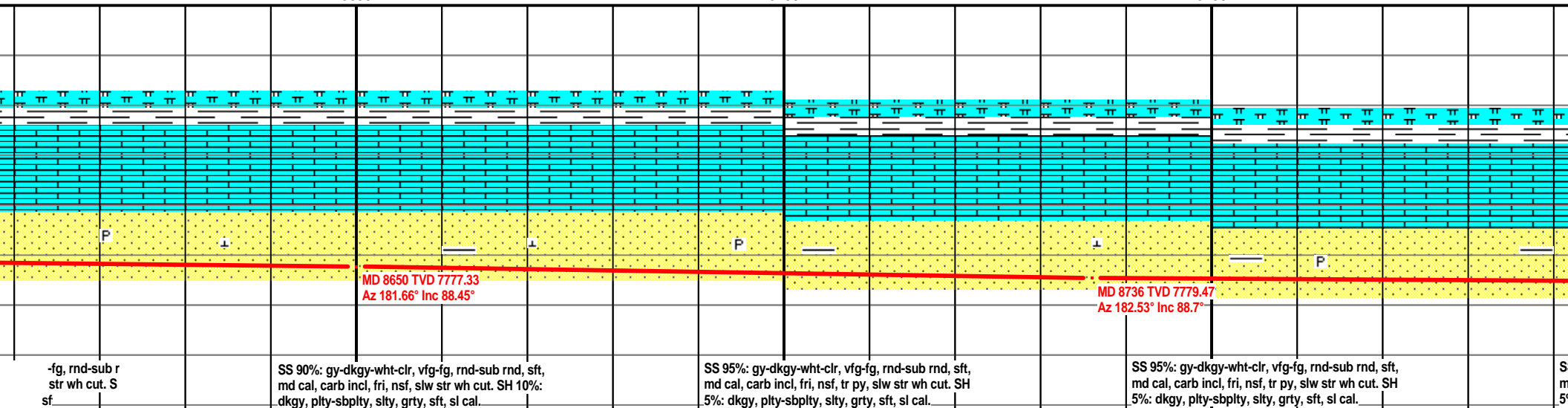
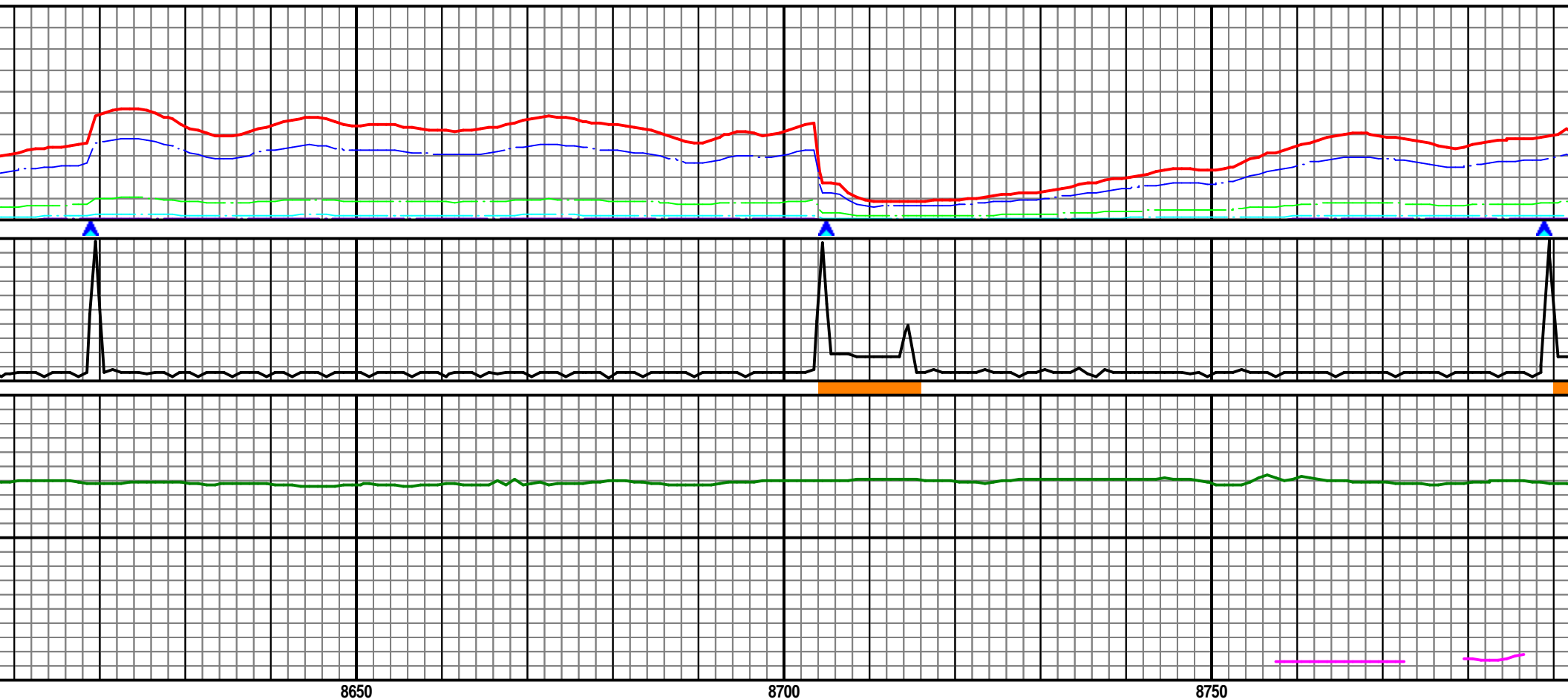
SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, slw str wh cut. SH 10%: dkgy, plty-sbpty, slty, grty, sft, sl cal.

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, slw str wh cut. SH 10%: dkgy, plty-sbpty, slty, grty, sft, sl cal.

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, slw str wh cut. SH 10%: dkgy, plty-sbpty, slty, grty, sft, sl cal.

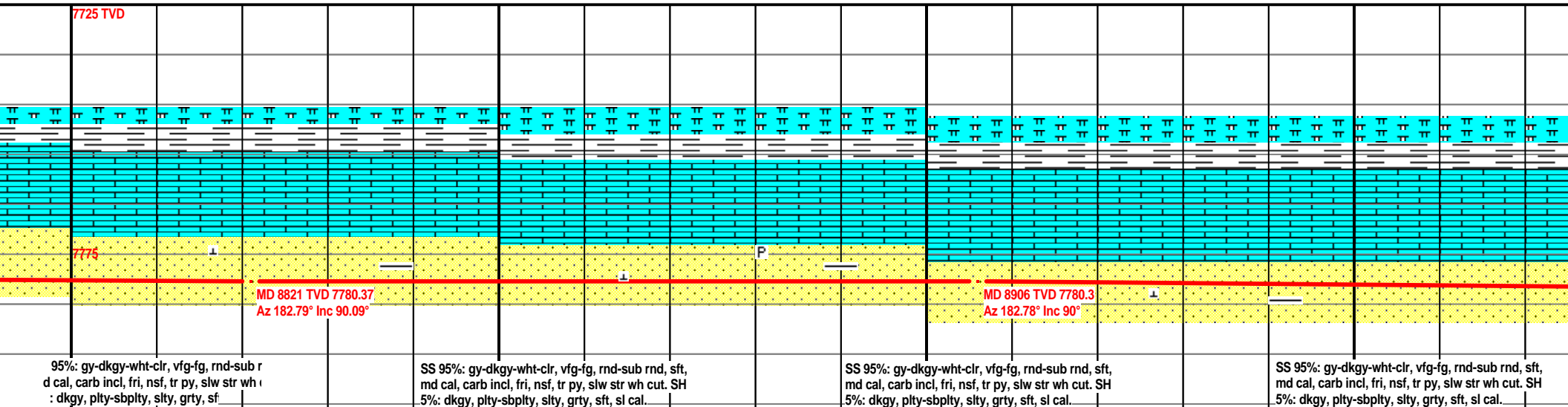
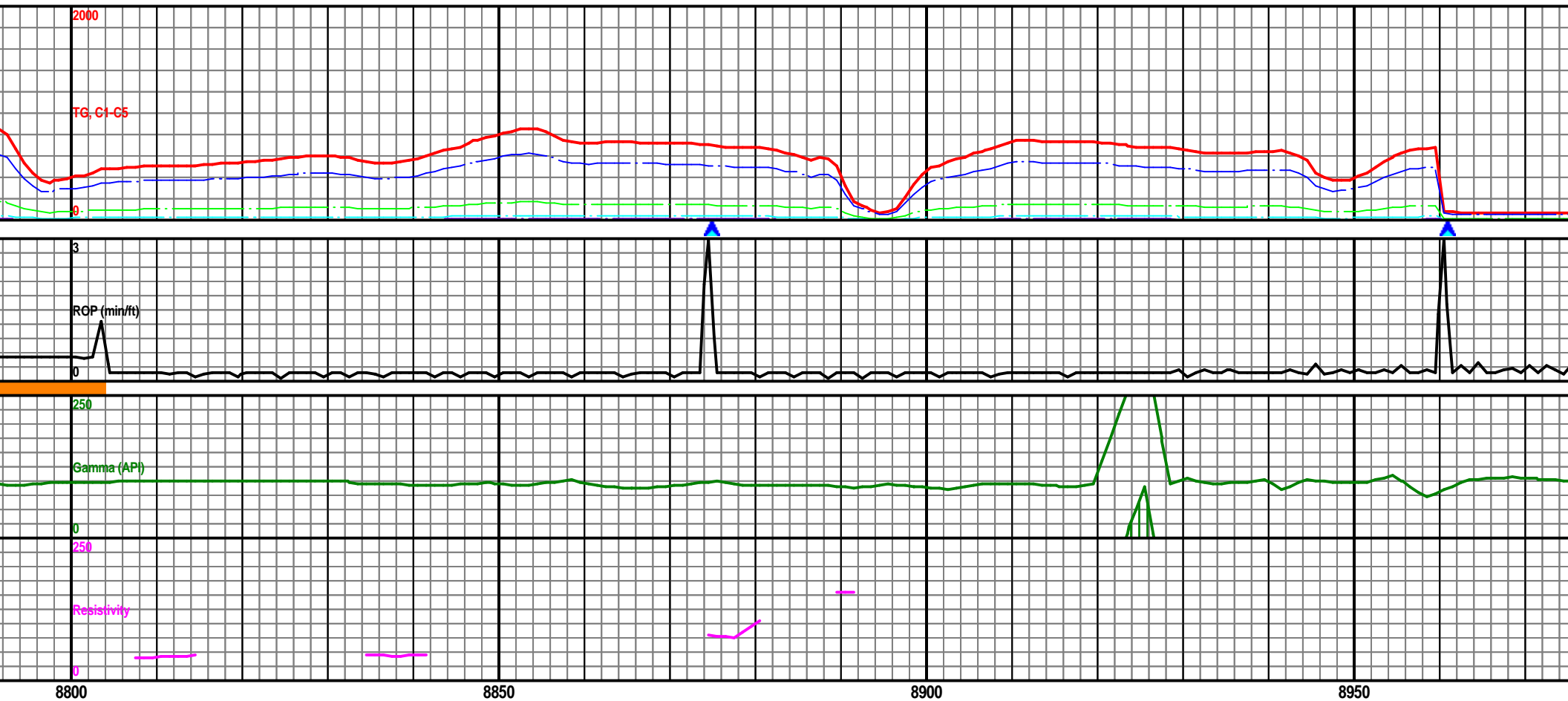
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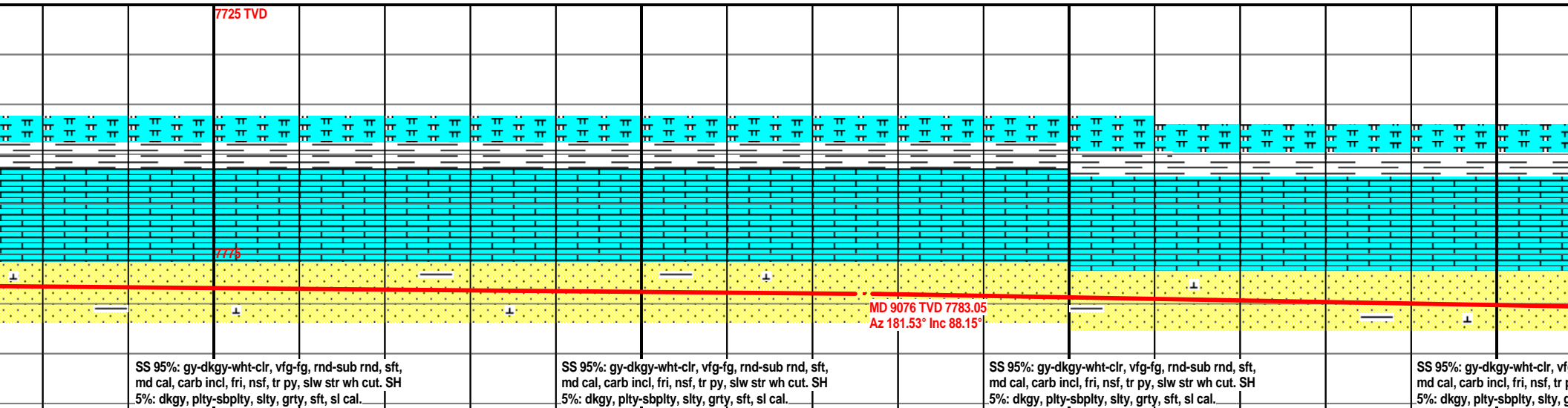
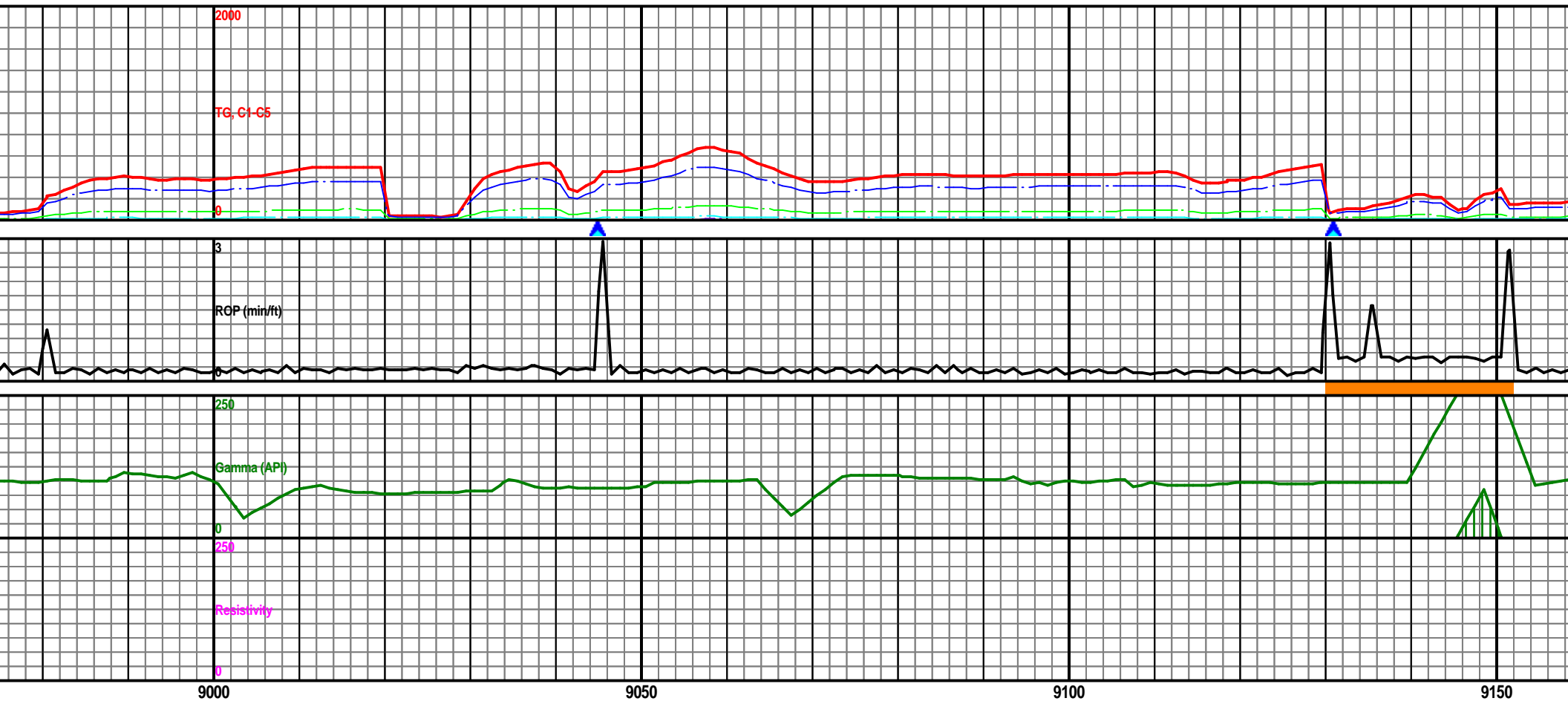
MW: 9.0 / VIS: 44



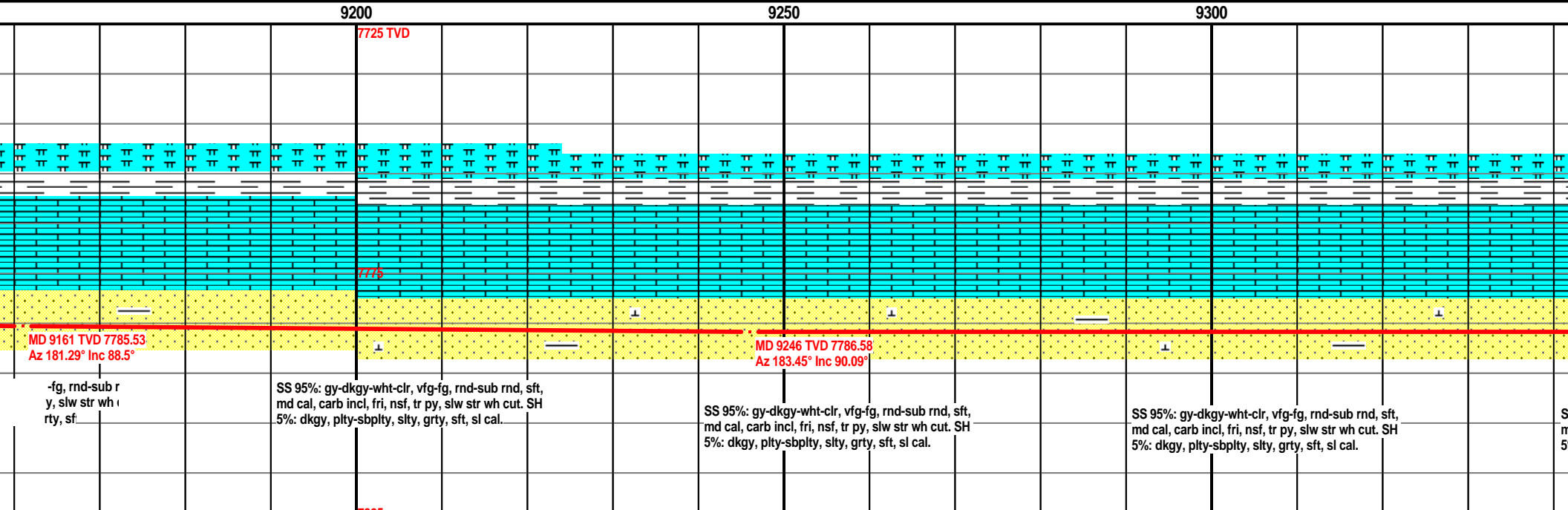
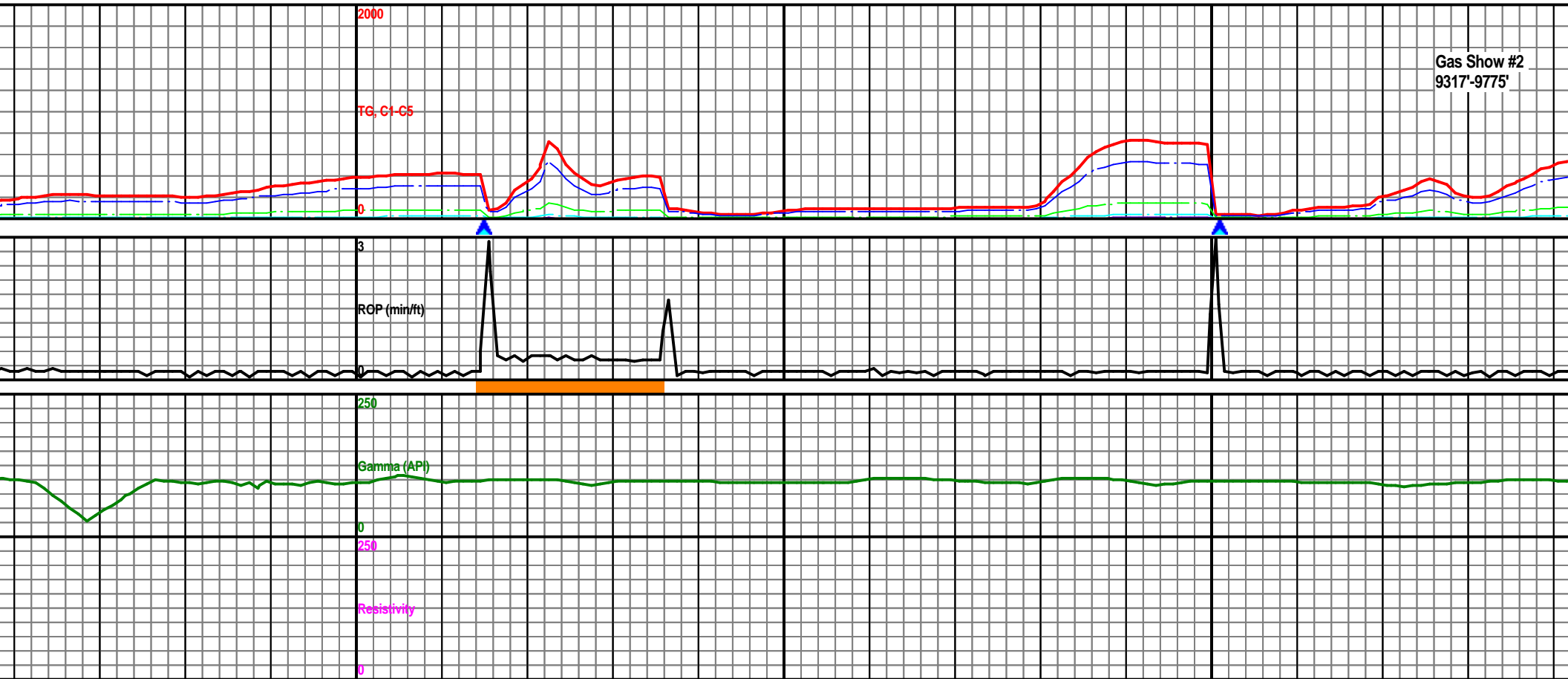
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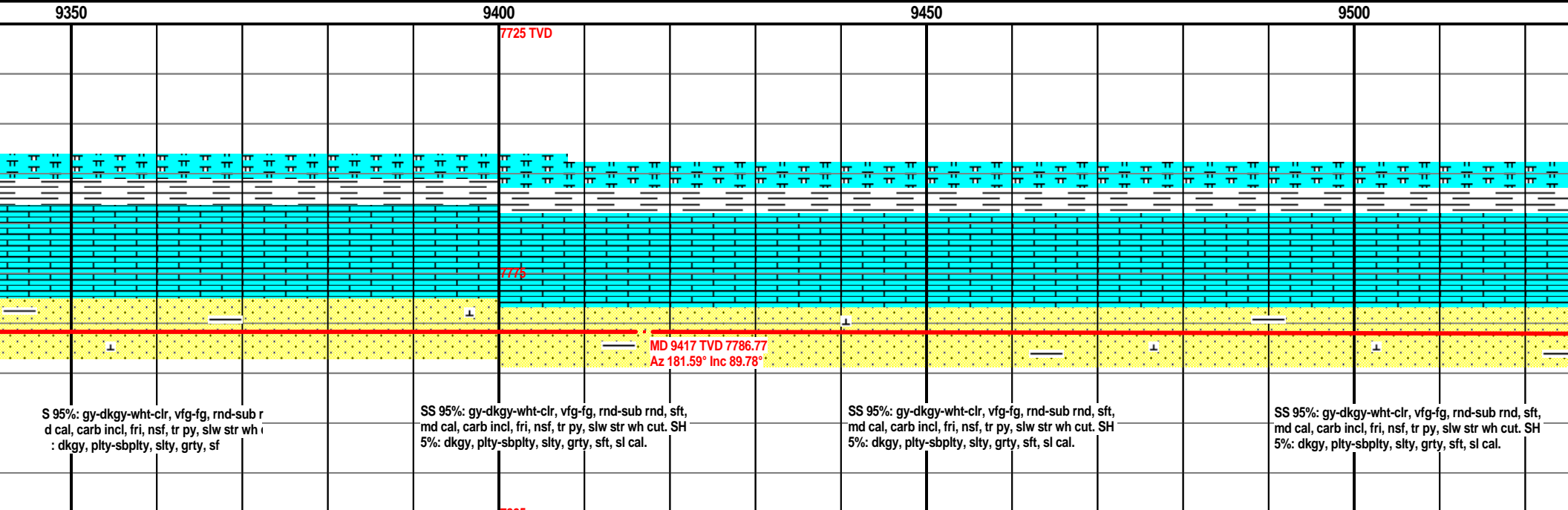
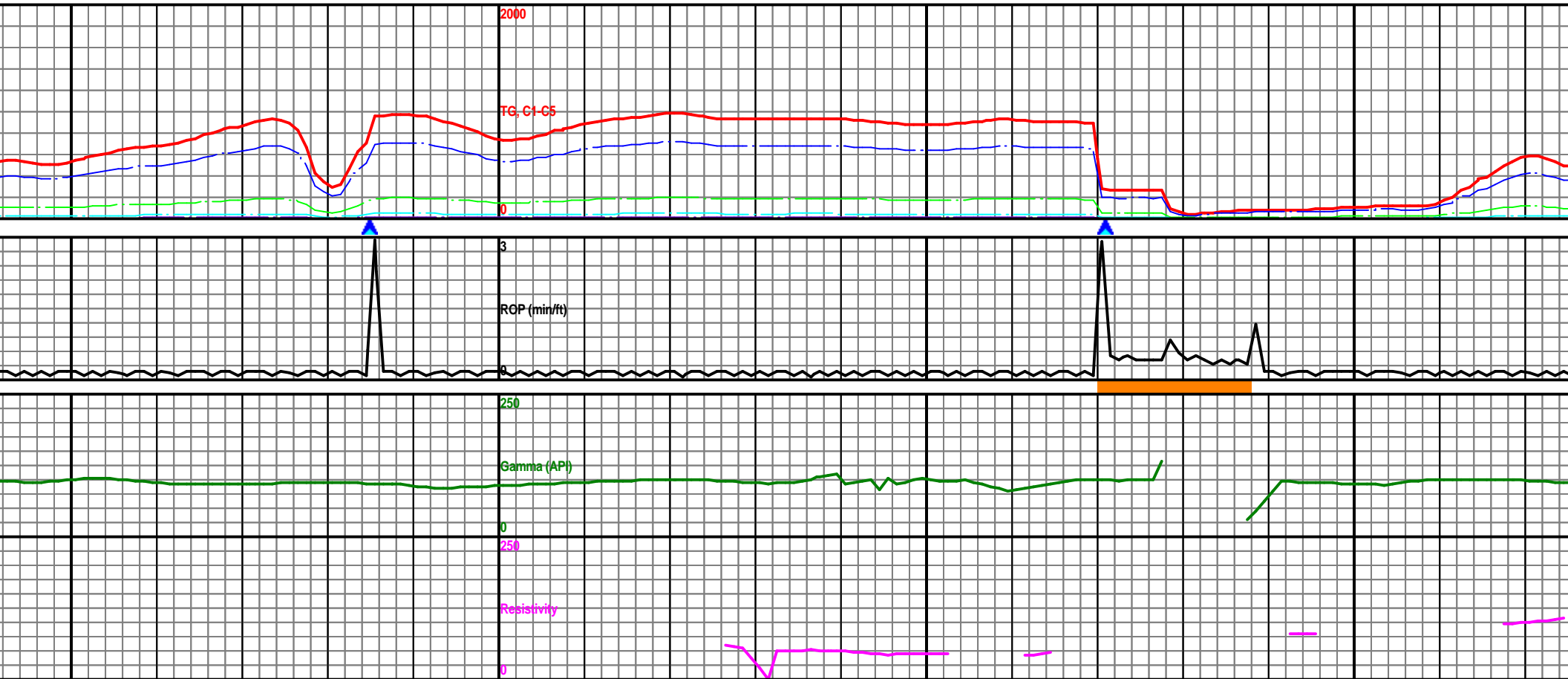
MW: 9.1 / VIS: 45





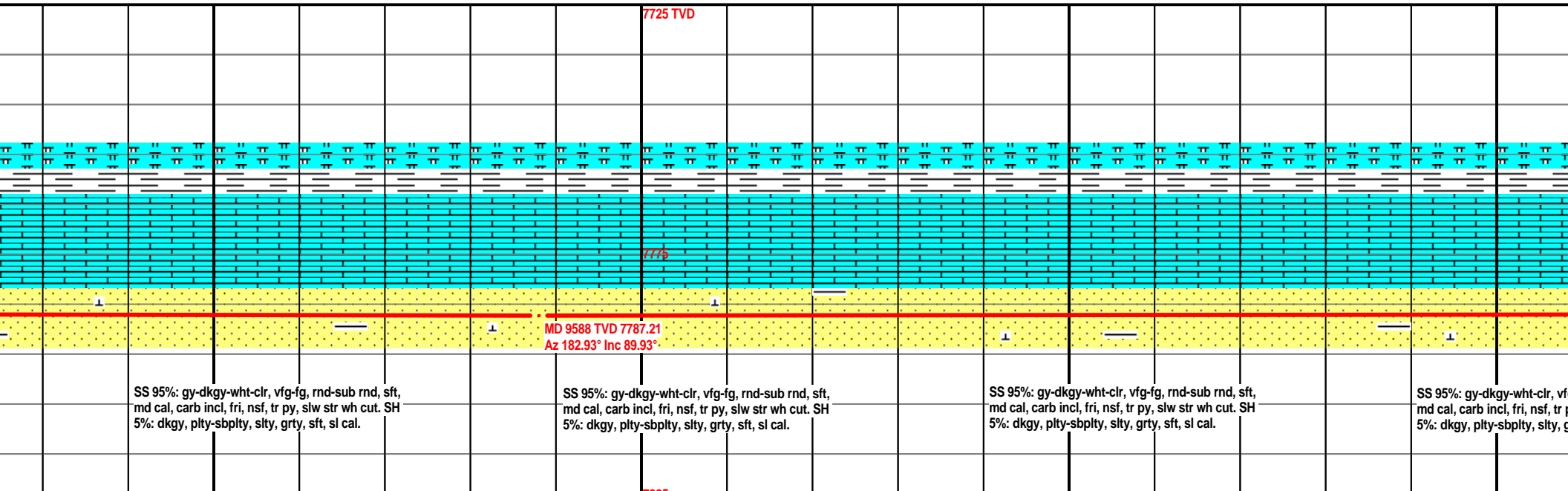
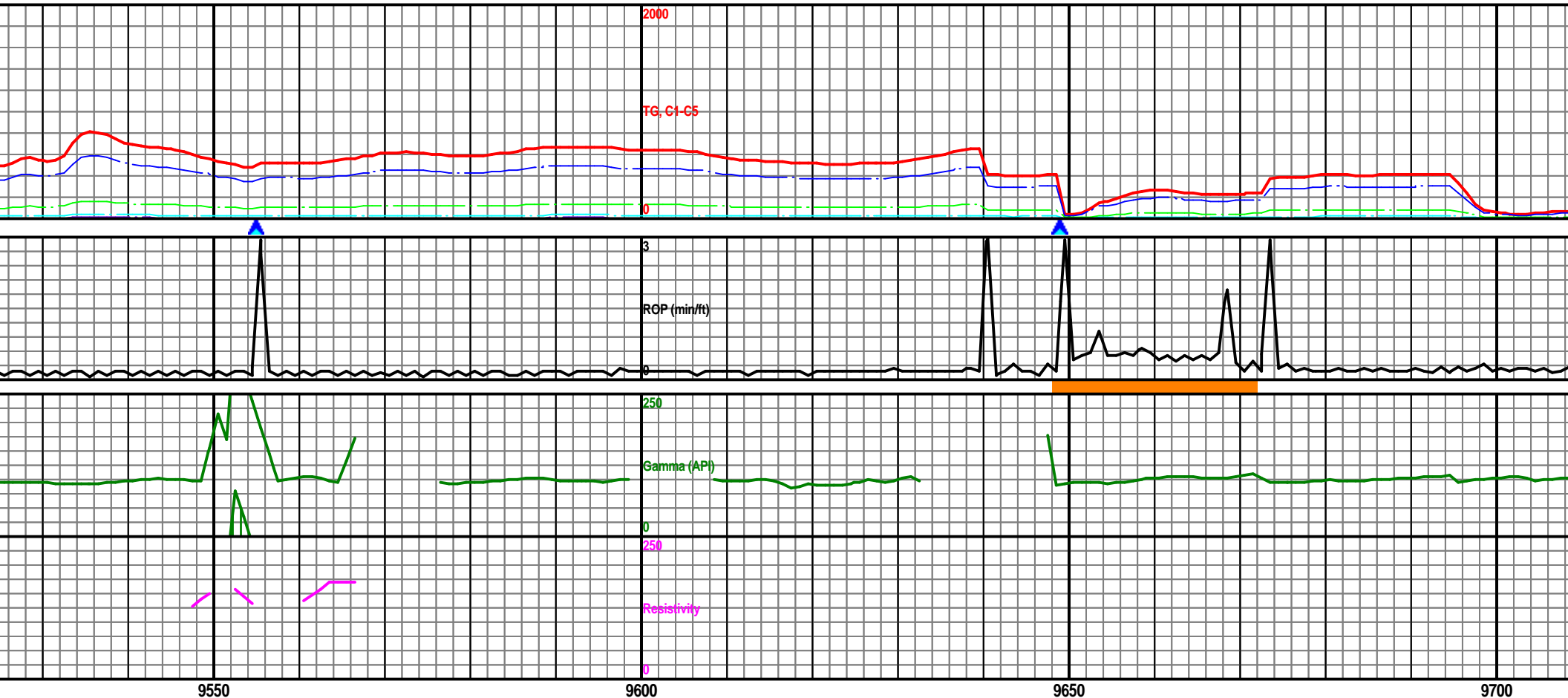
Gas Show #2
9317'-9775'





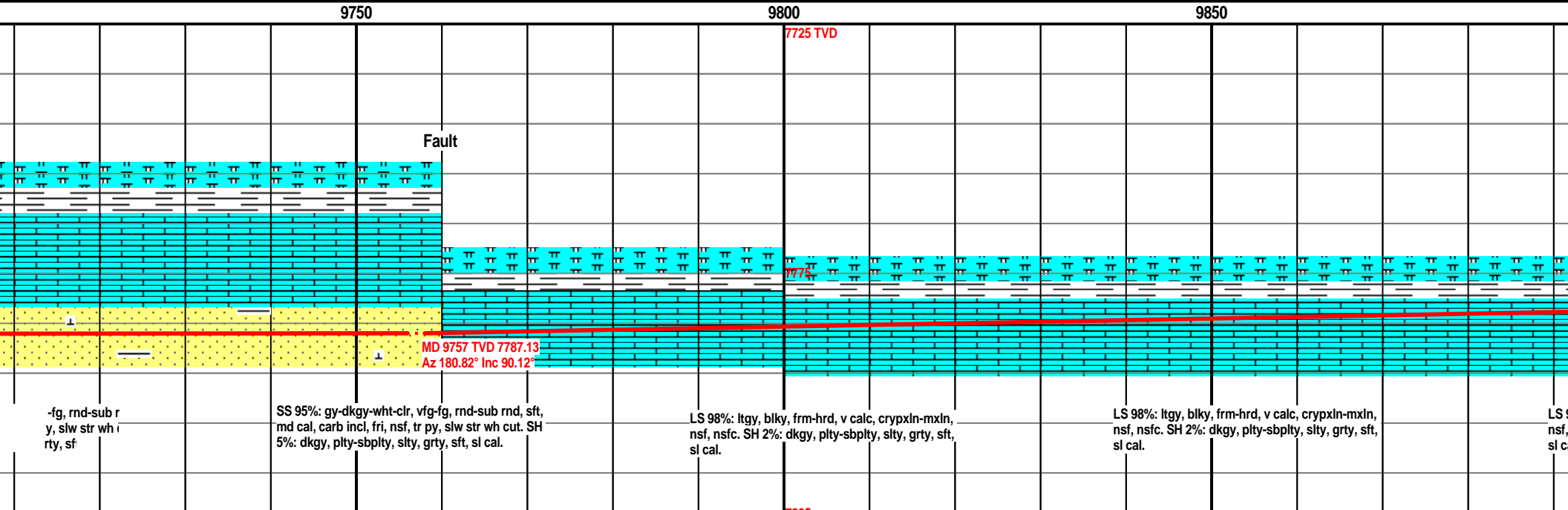
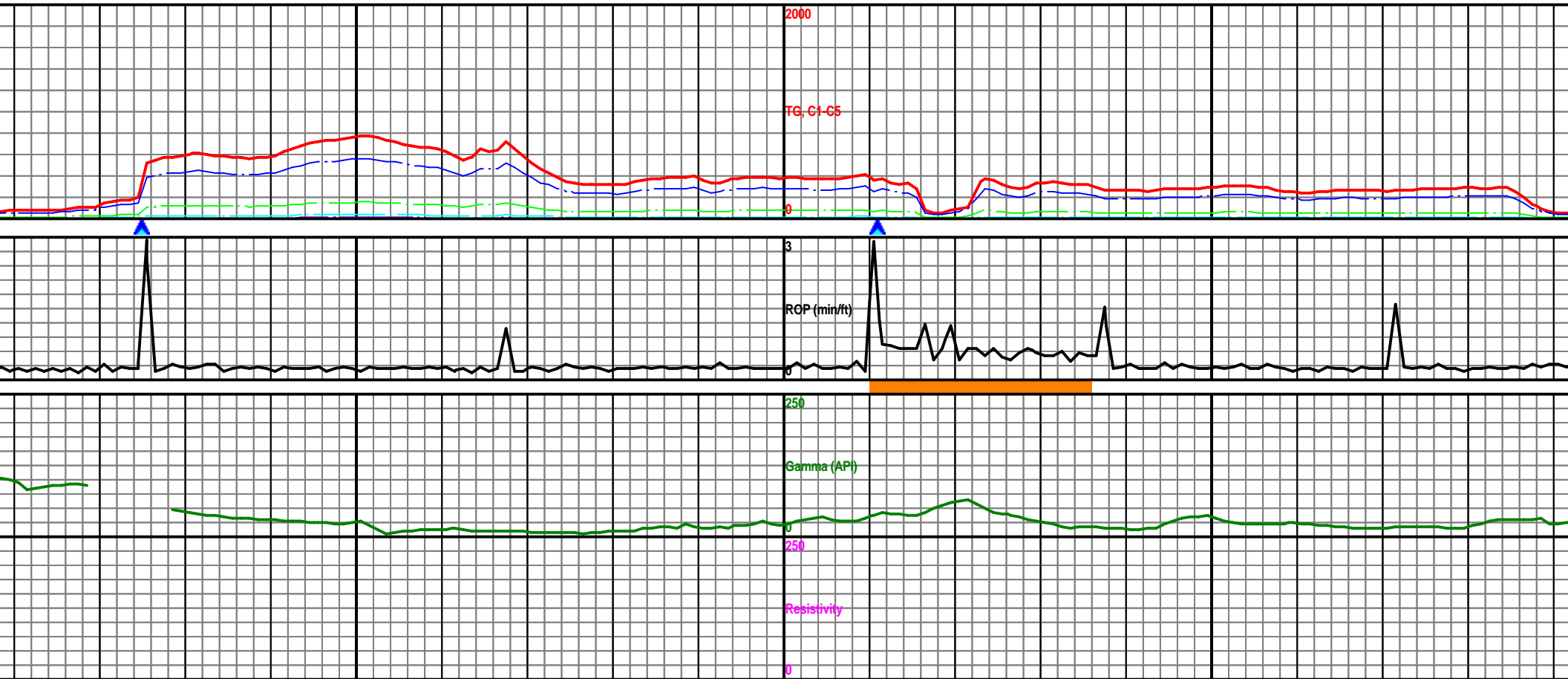
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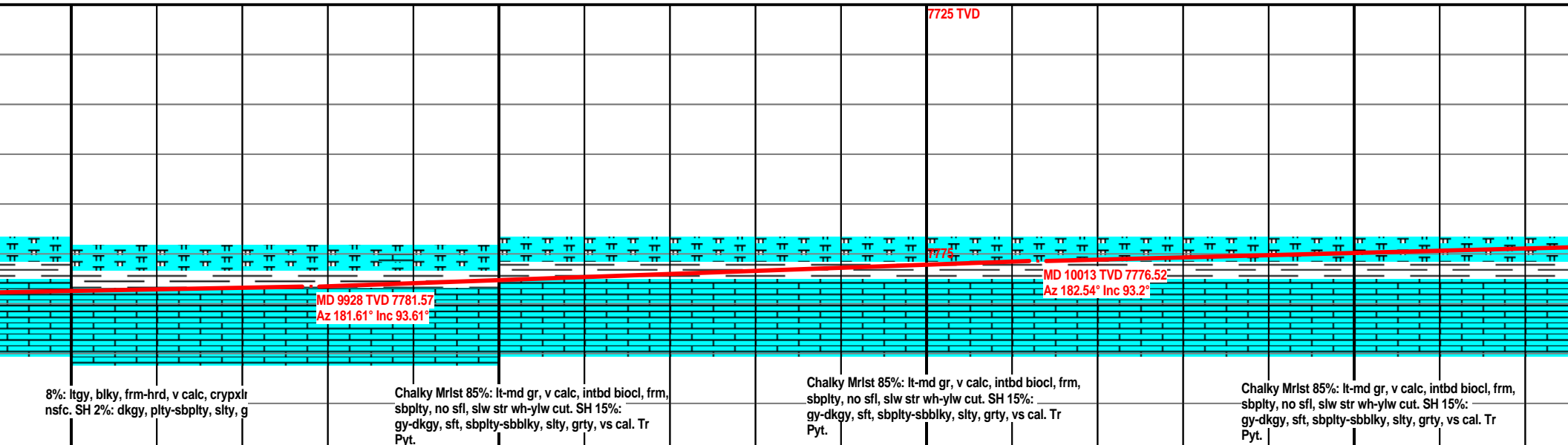
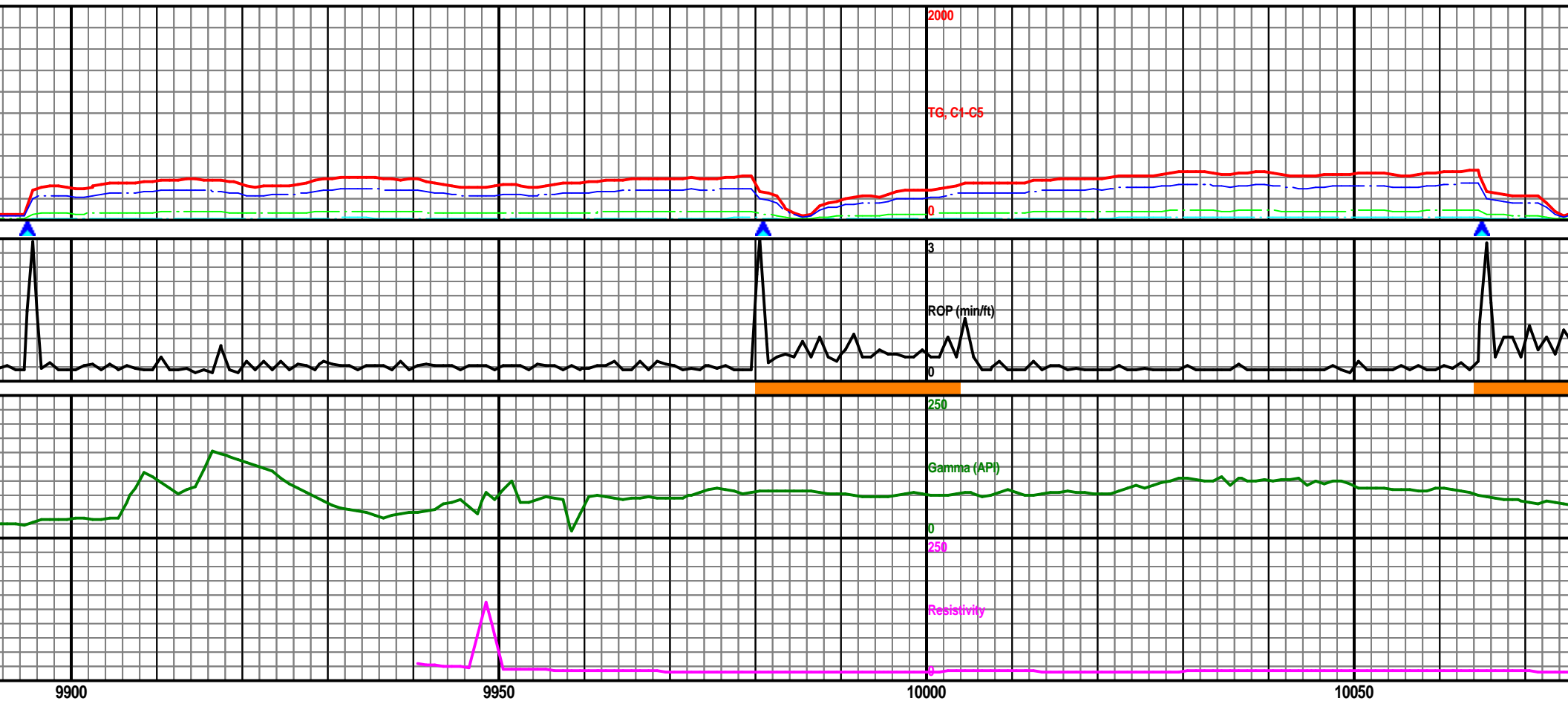
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MW: 9.1 / VIS: 42

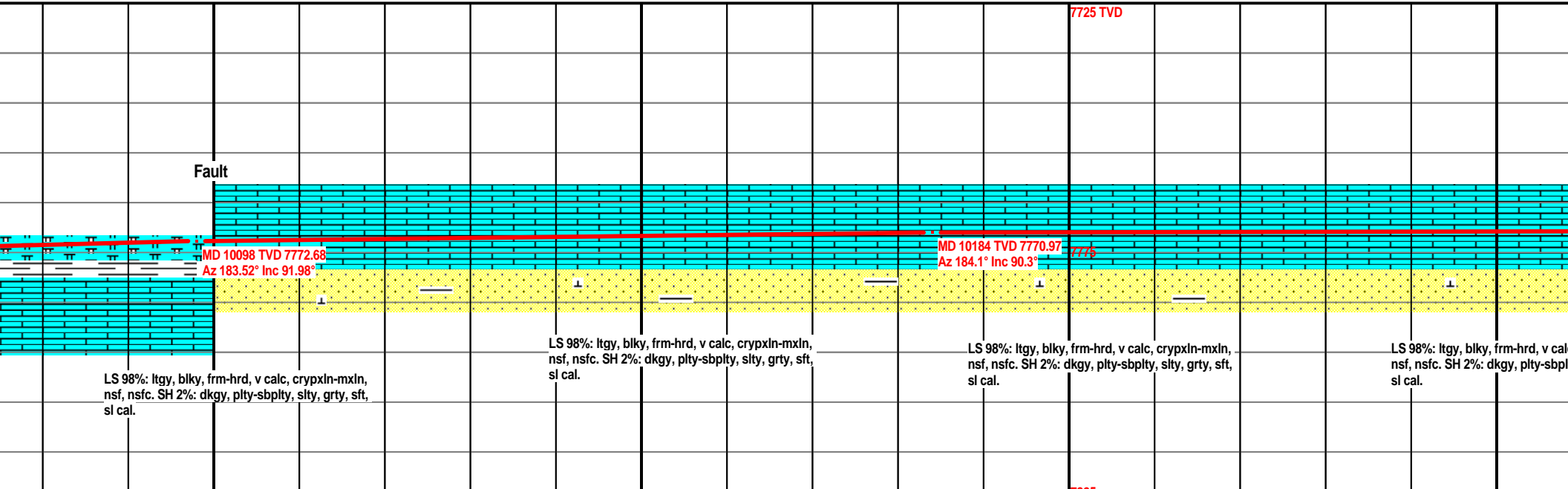
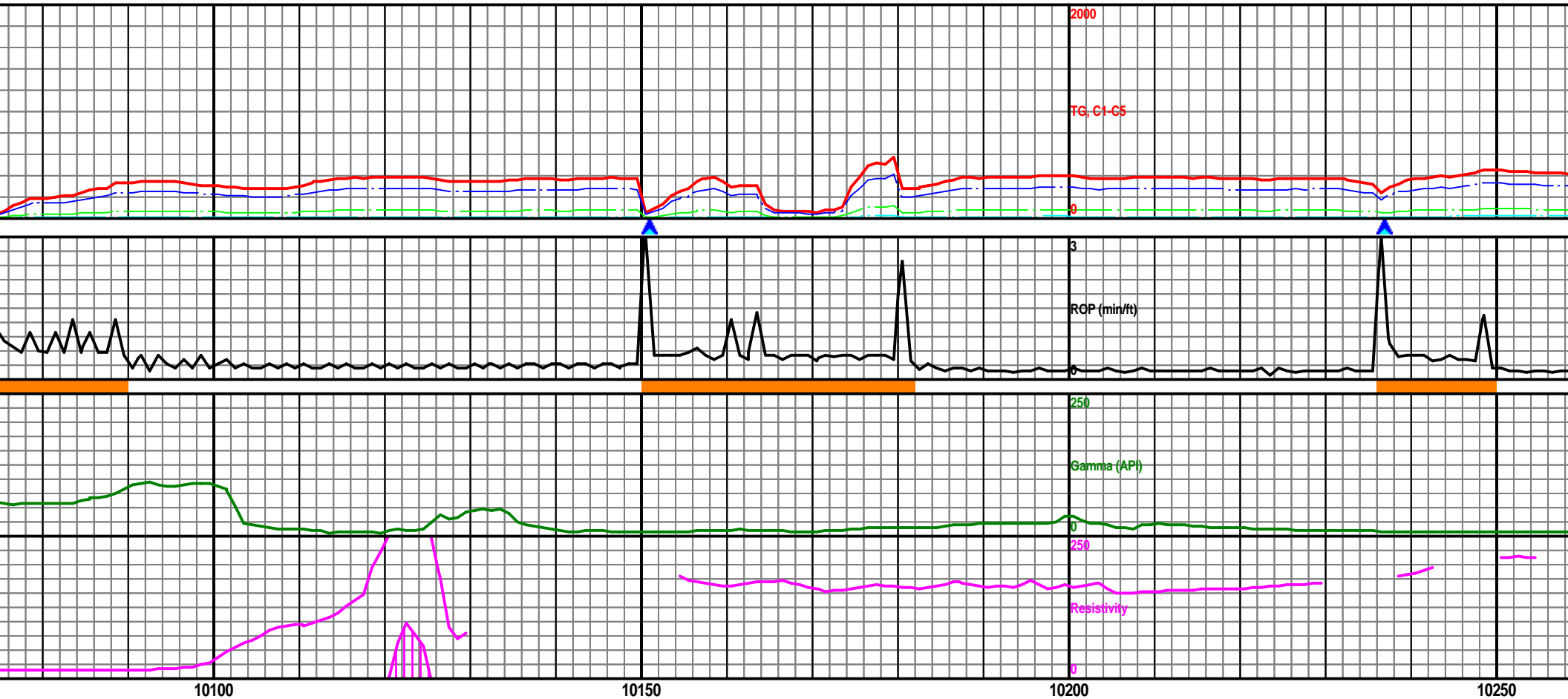
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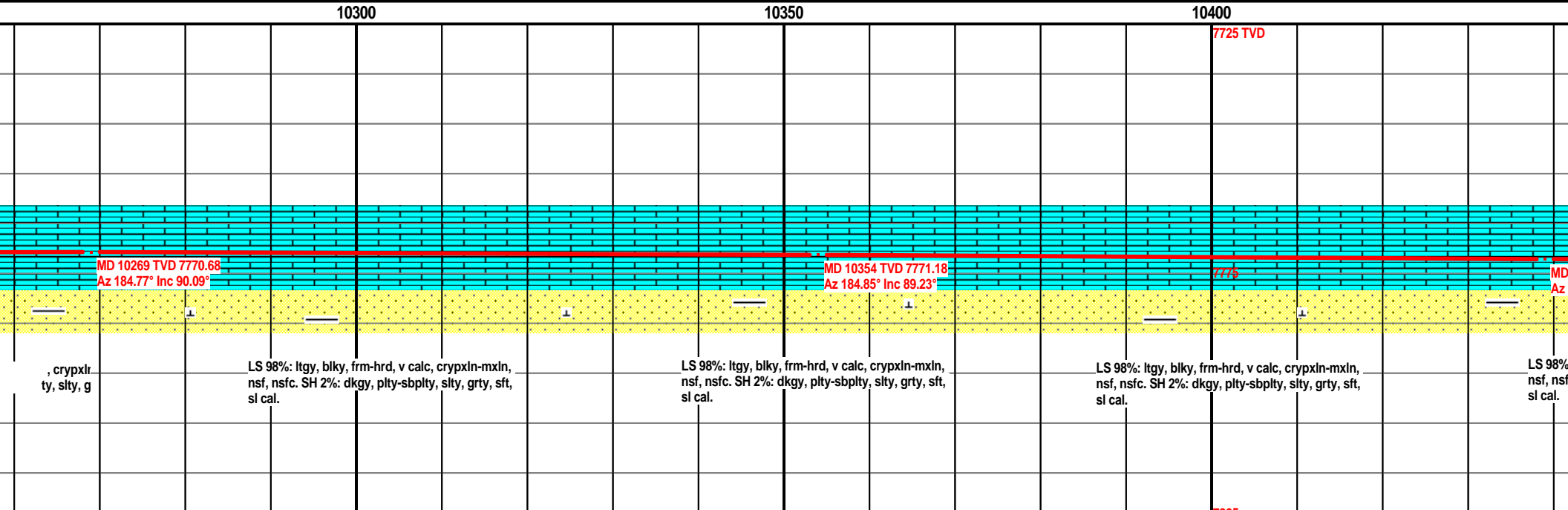
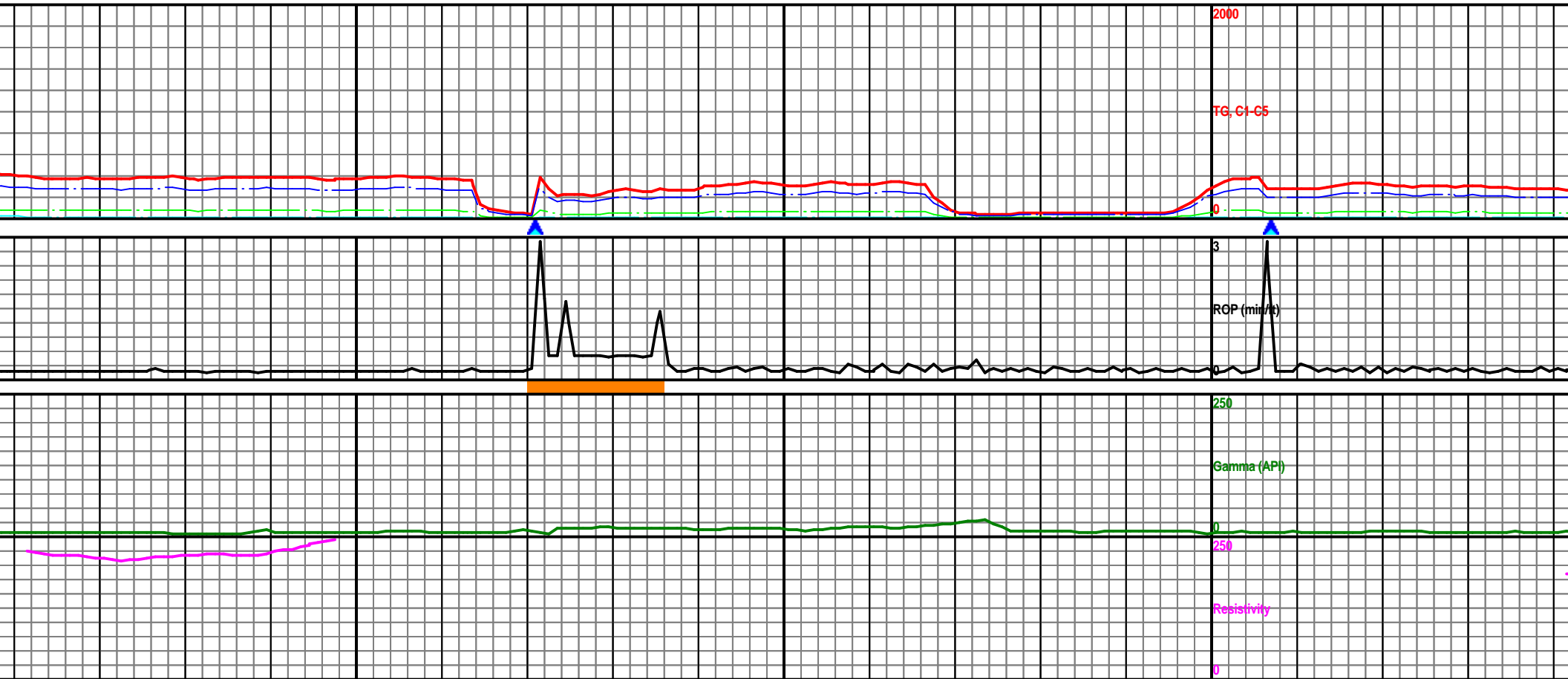


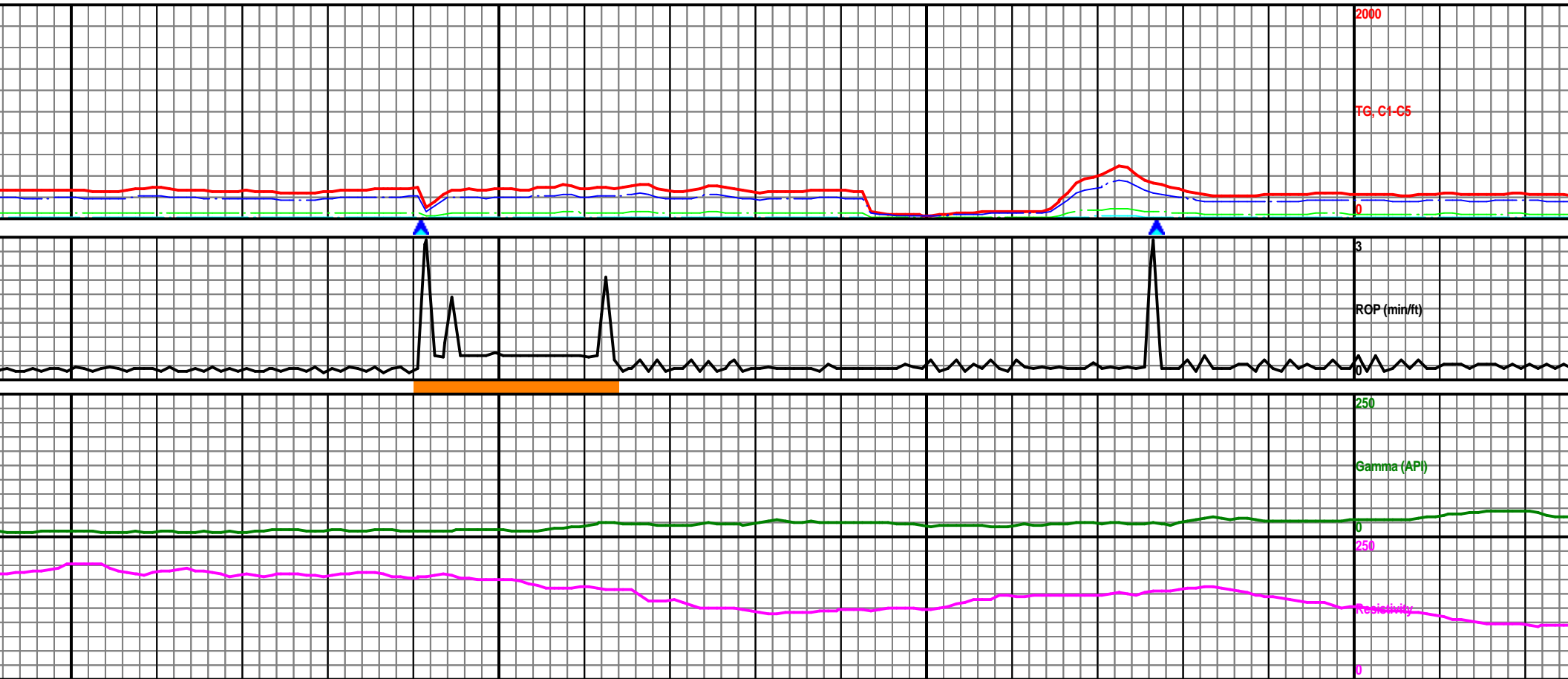


MW: 9.1 / VIS: 41

MW: 9.0 / VIS: 42







10450

10500

10550

10600

7725 TVD

10439 TVL
184.77° In

MD 10610 TVD 7774.8
Az 185.31° Inc 88.66°

: ltgy, blkgy, frm-hrd, v calc, crypxln
c. SH 2%: dkgy, plty-sbplty, slty, grty, sft

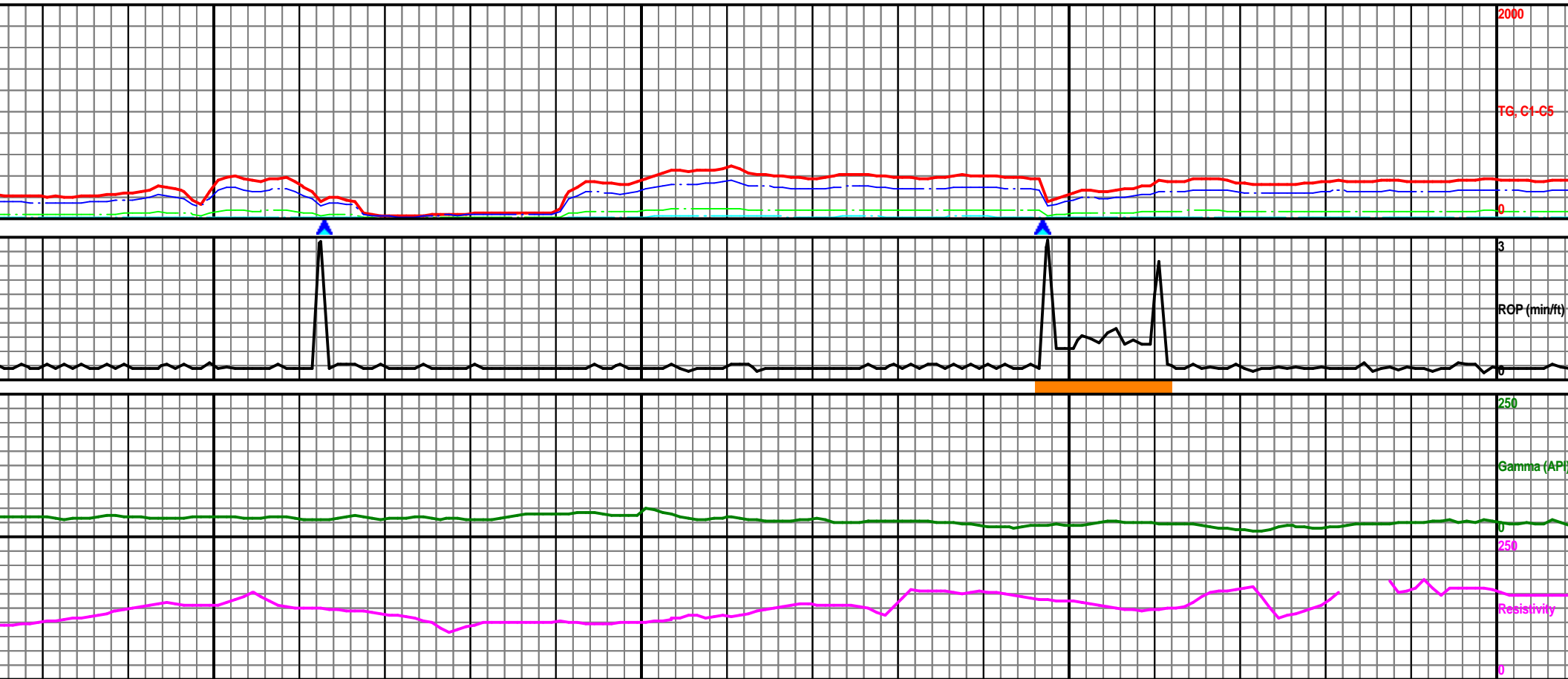
LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

MW: 9.0 / VIS: 41

MW: 8.9 / VIS: 43



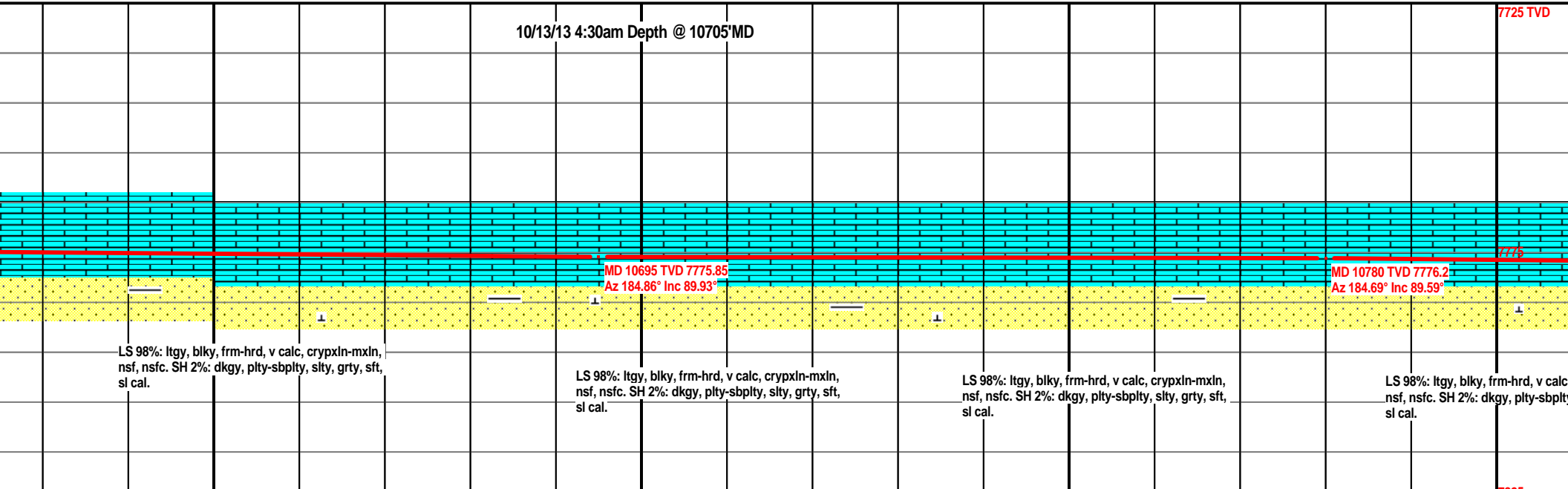
10650

10700

10750

10800

10/13/13 4:30am Depth @ 10705'MD



LS 98%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 2%: dkgy, plty-sbplty, sity, grty, sft, sl cal.

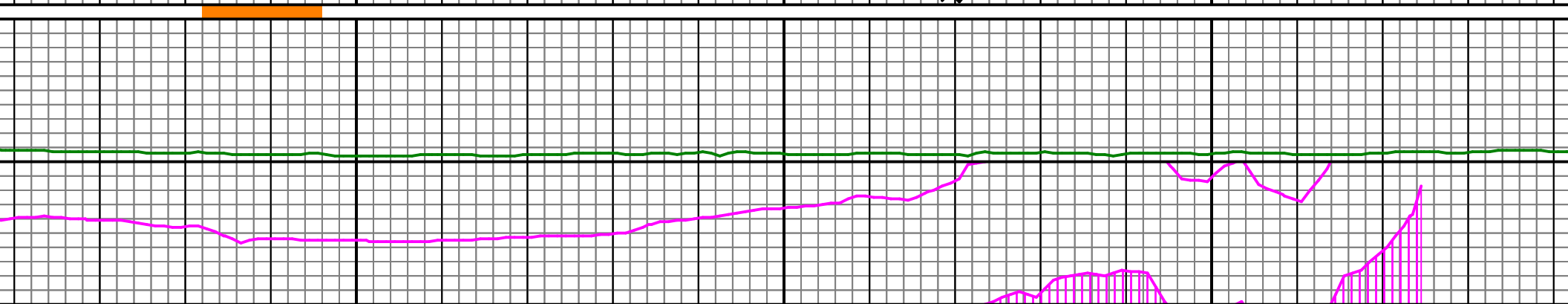
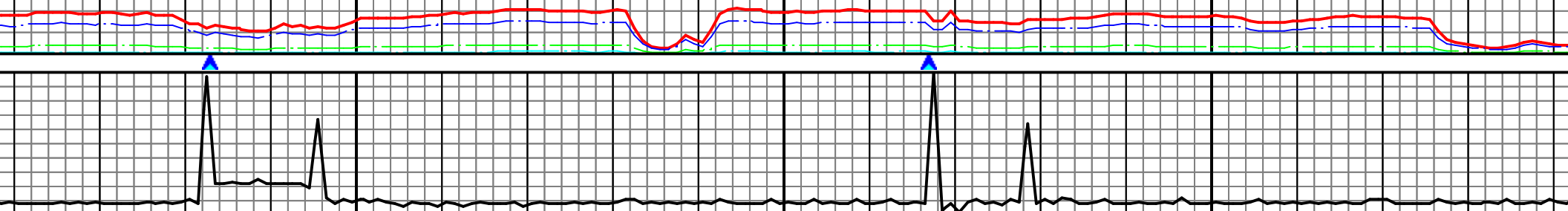
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LS 98%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 2%: dkgy, plty-sbplty, sity, grty, sft, sl cal.

LS 98%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 2%: dkgy, plty-sbplty, sity, grty, sft, sl cal.

MW: 8.9 / VIS: 43

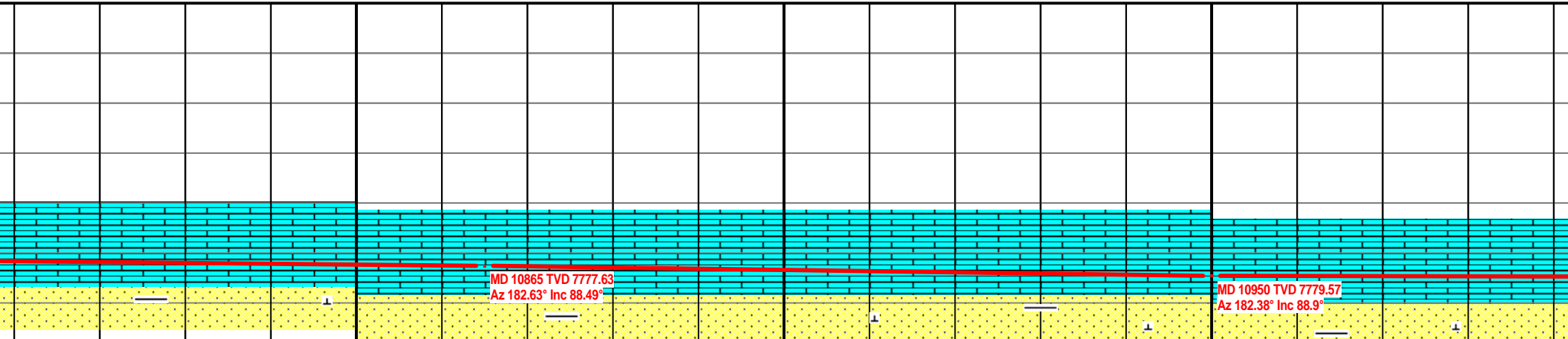
MW: 8.9 / VIS: 43



10850

10900

10950



MD 10865 TVD 7777.63
Az 182.63° Inc 88.49°

MD 10950 TVD 7779.57
Az 182.38° Inc 88.9°

, crypxlr
, slty, g

LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

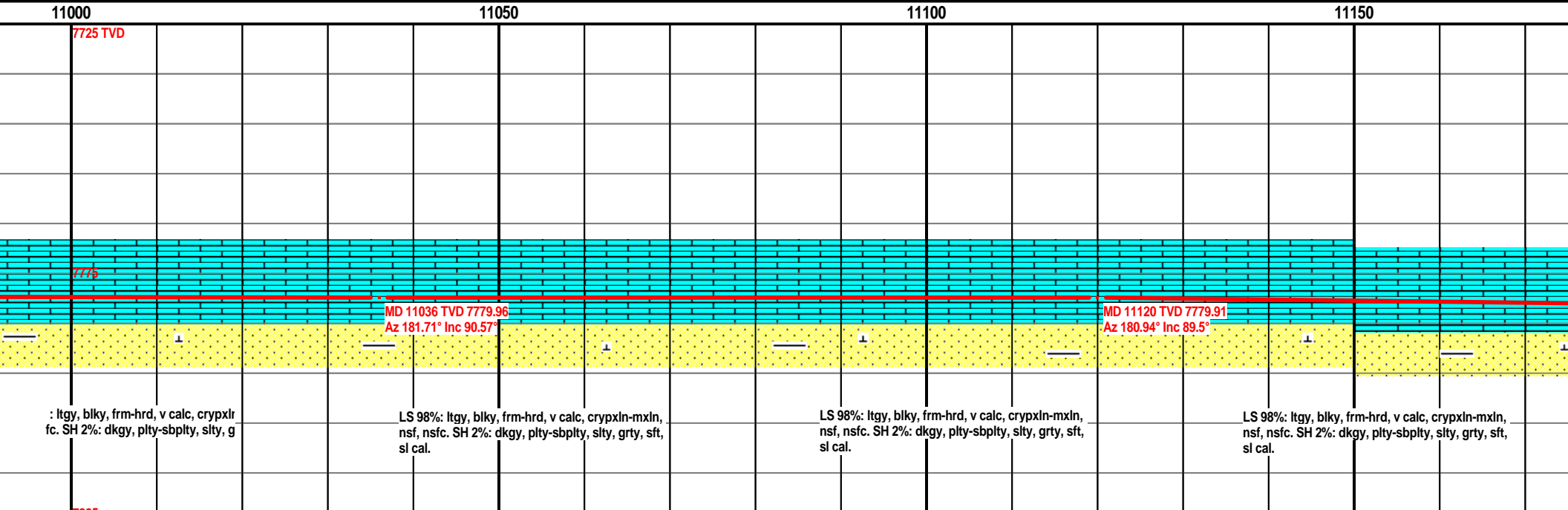
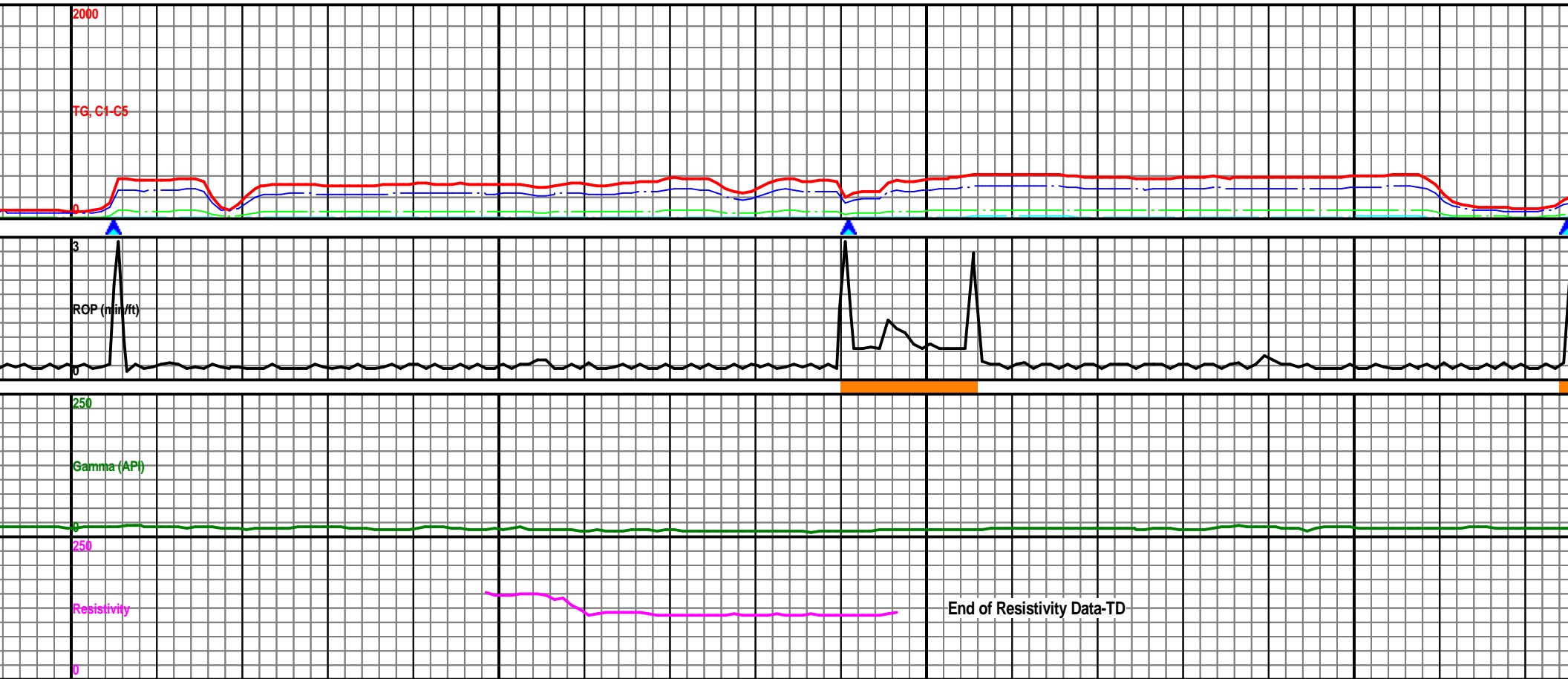
LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

LS 98%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln,
nsf, nsfc. SH 2%: dkgy, plty-sbplty, slty, grty, sft,
sl cal.

LS 98%:
nsf, nsfc.
sl cal.

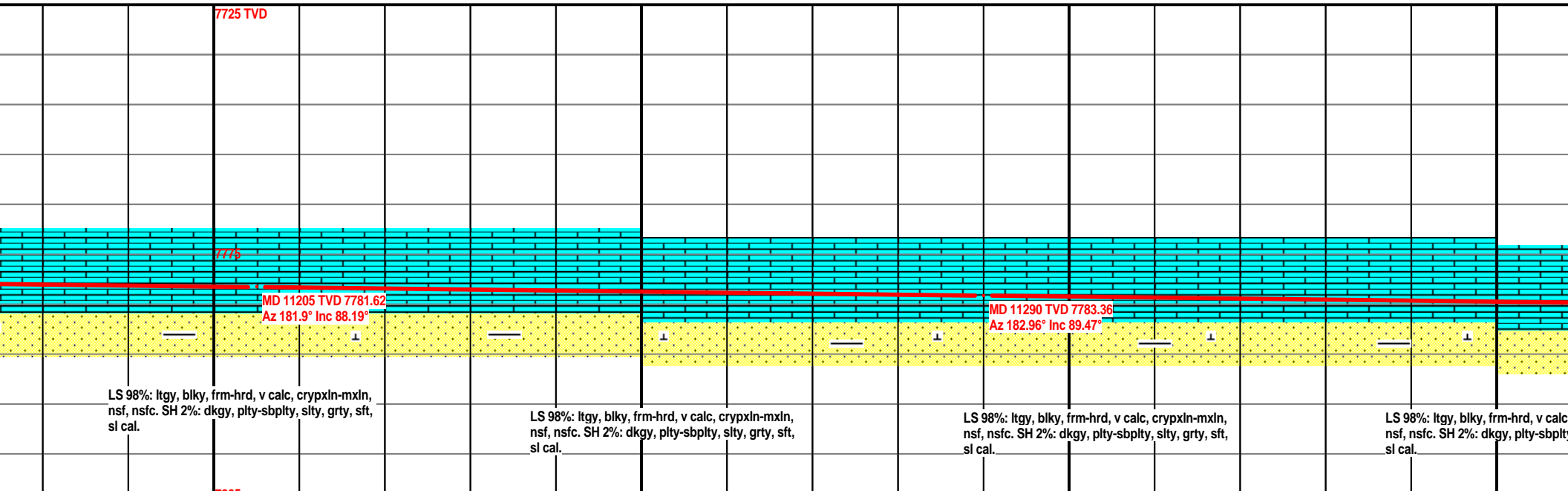
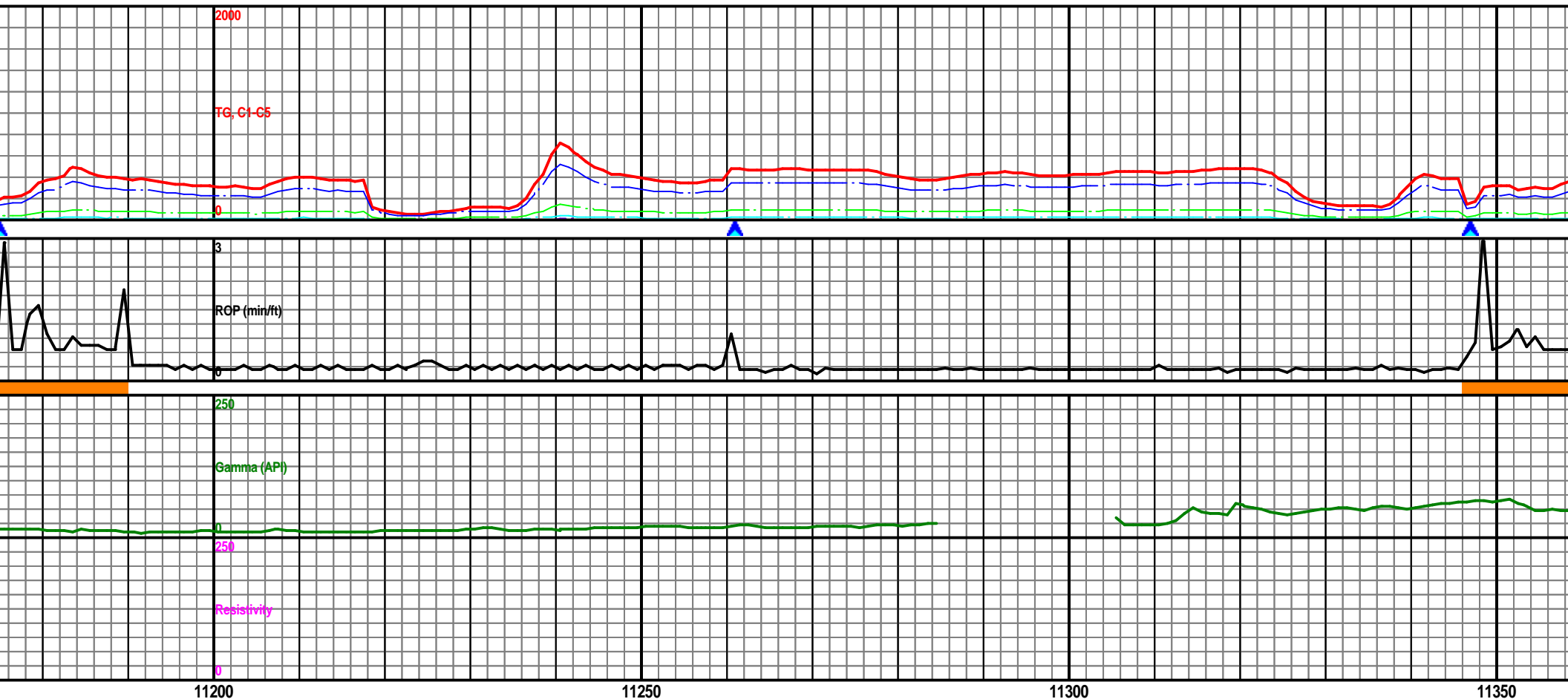
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MW: 8.9 / VIS: 41

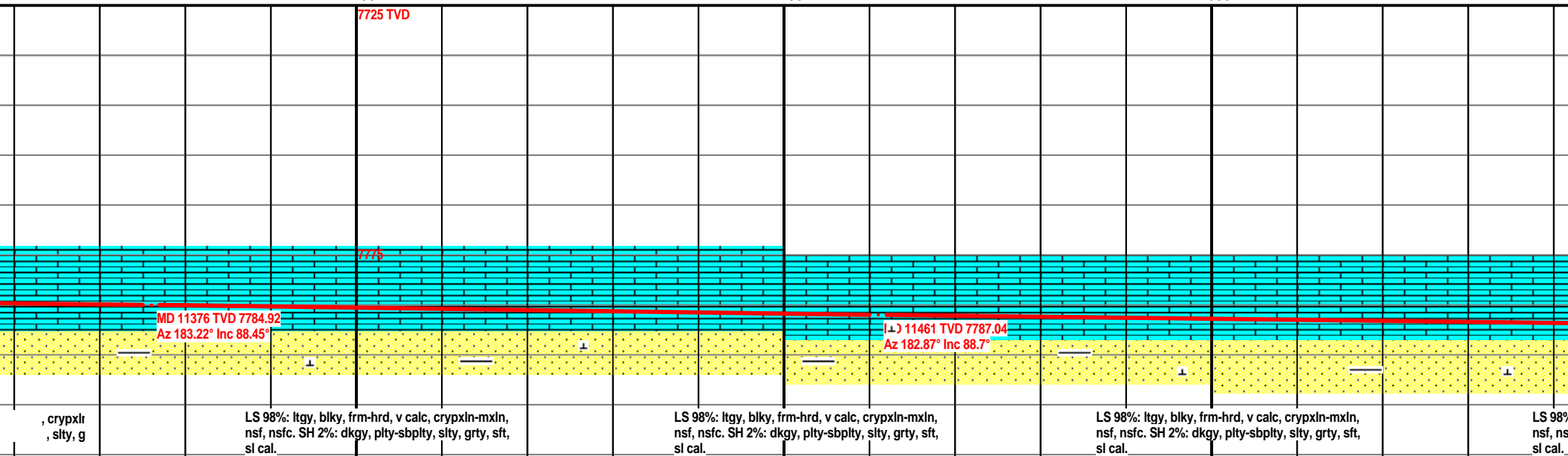
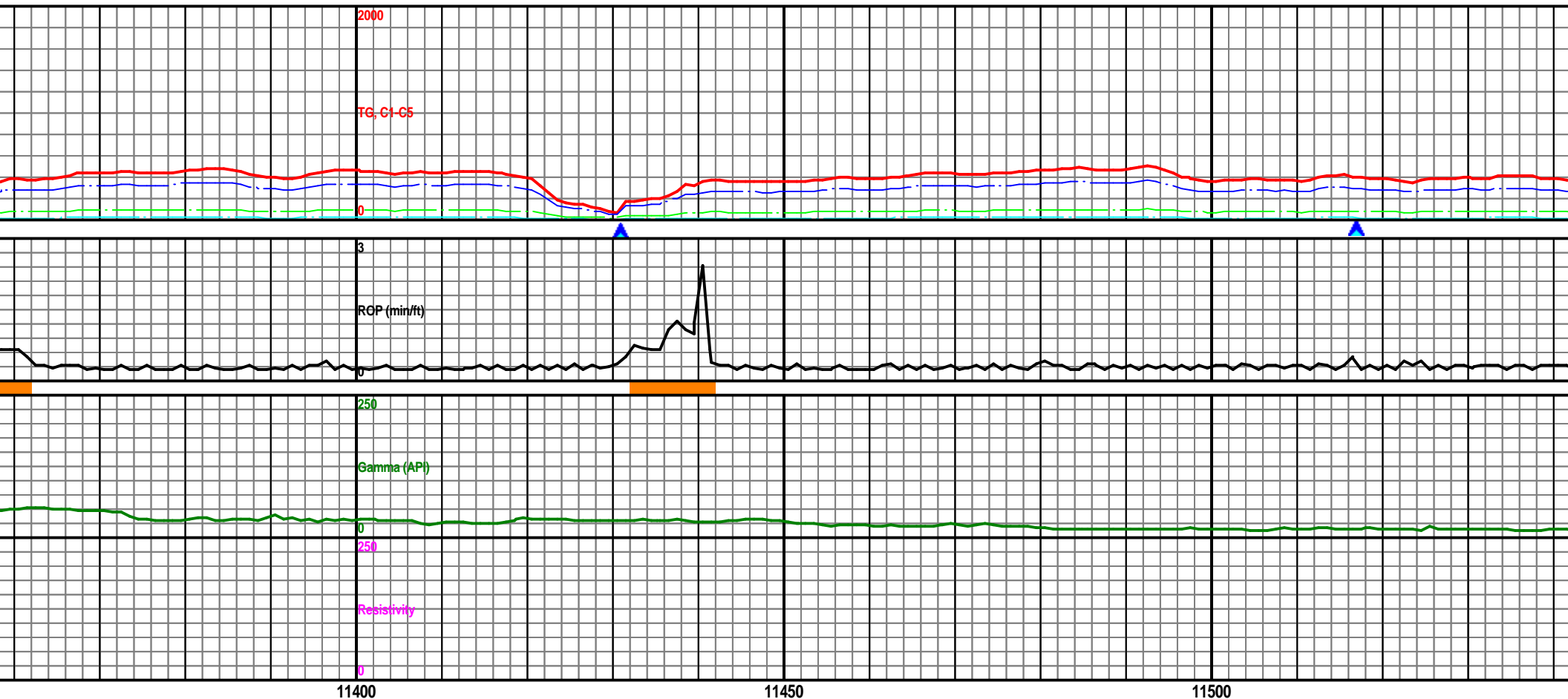


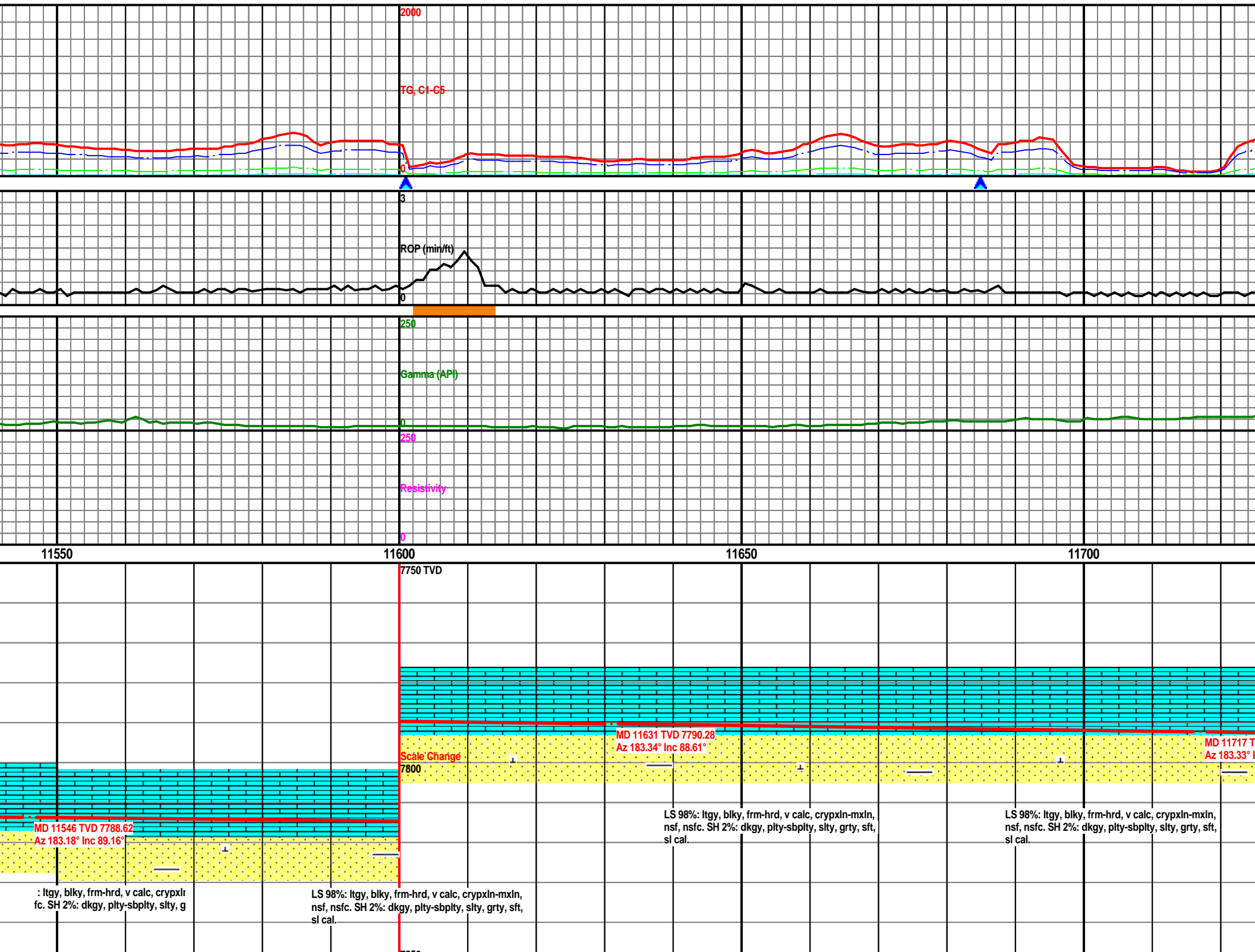
MW: 8.9 / VIS: 41

MW: 8.9 / VIS: 44



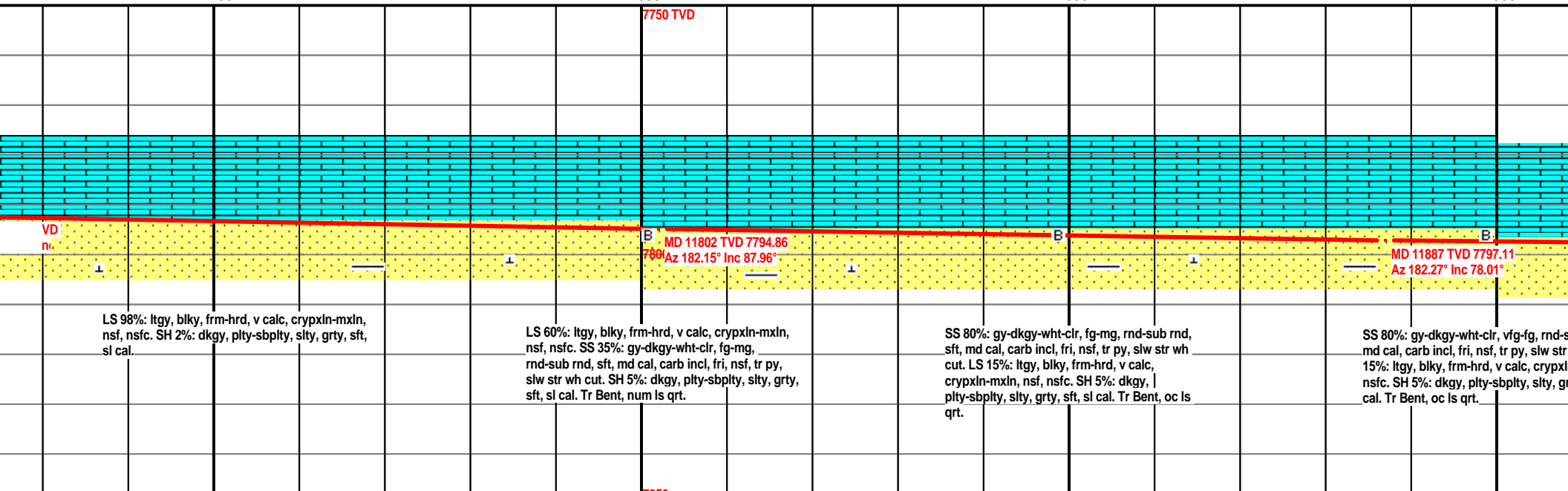
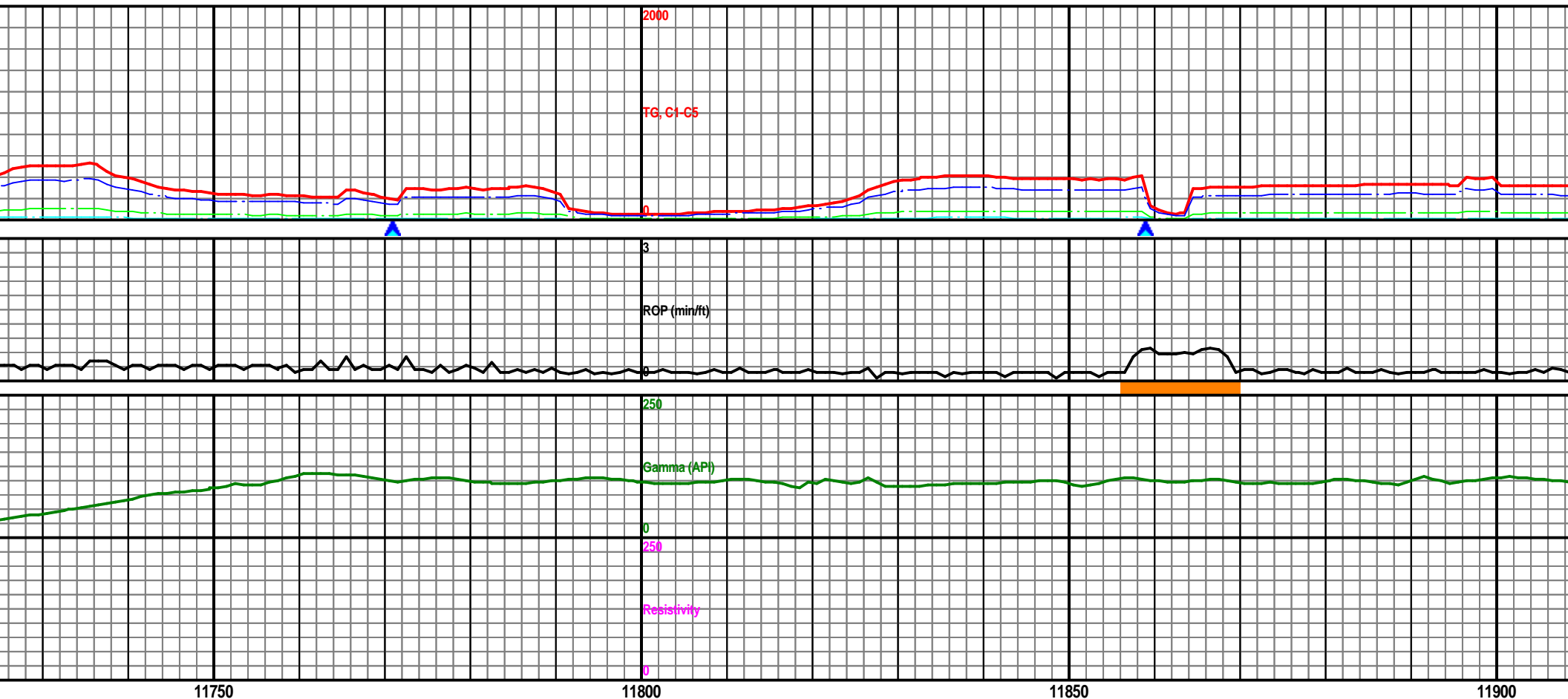
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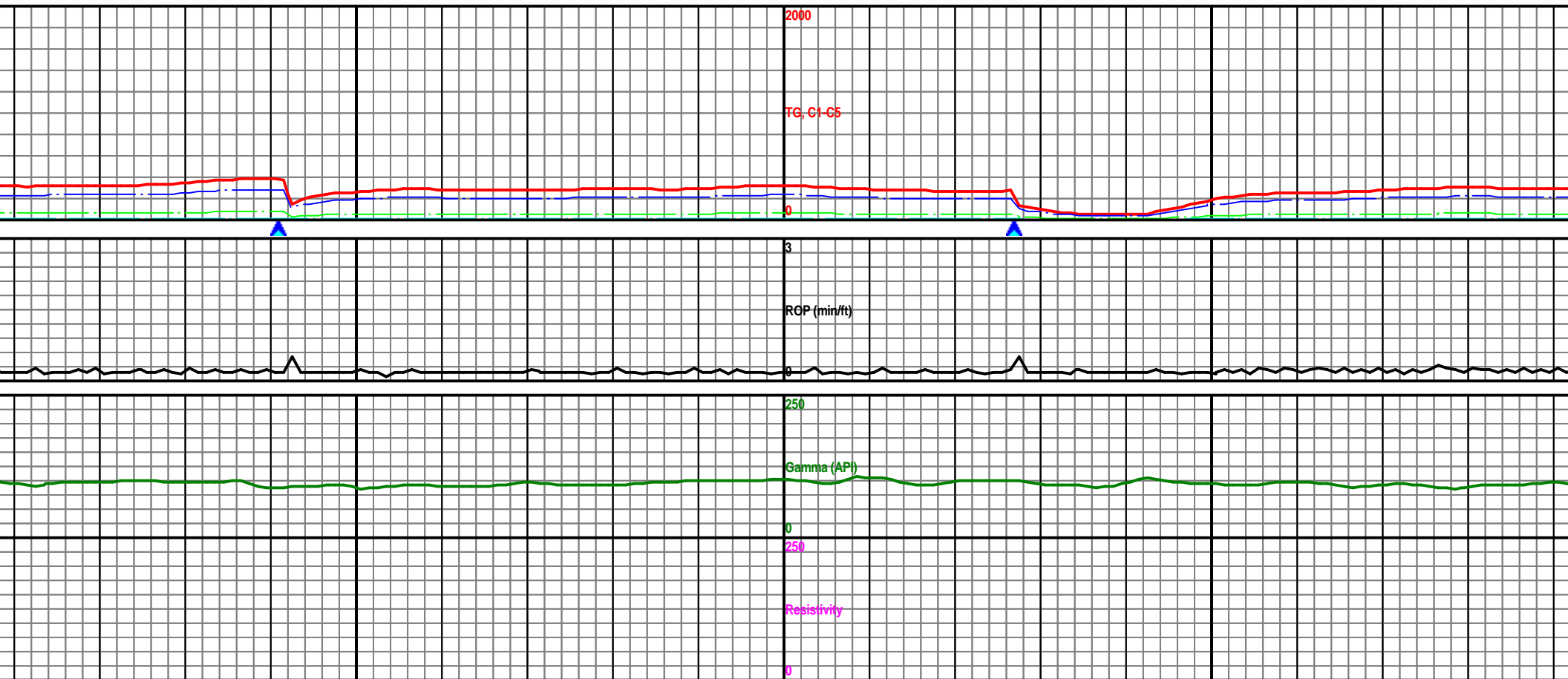
MW: 9.0 / VIS: 43

MW: 9.0 / VIS: 43



MW: 9.0 / VIS: 42

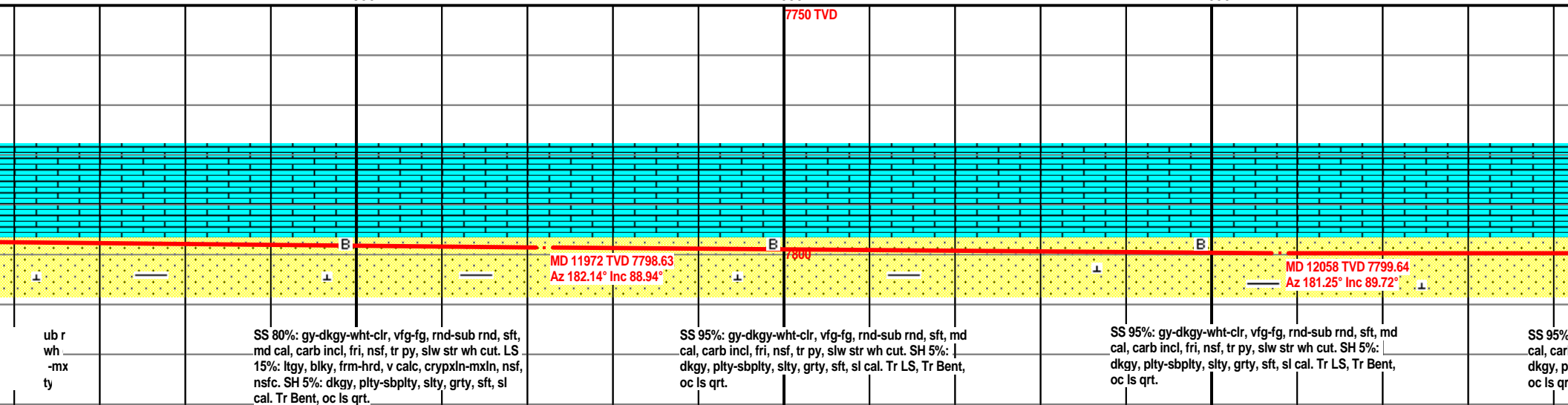
MW: 9.0 / VIS: 42



11950

12000

12050

ub r
wh
-mx
ty

SS 80%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. LS 15%: ltgy, blk, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr Bent, oc ls qrt.

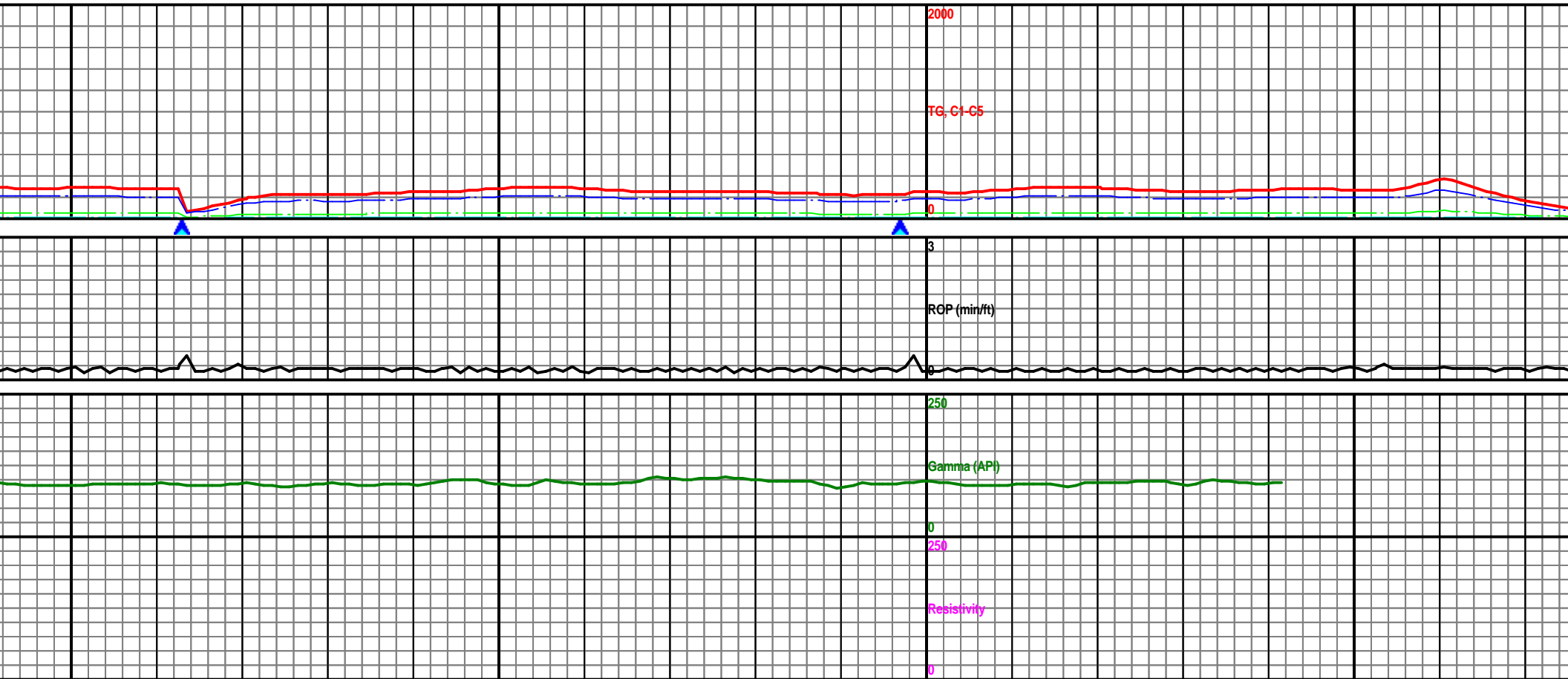
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SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr LS, Tr Bent, oc ls qrt.

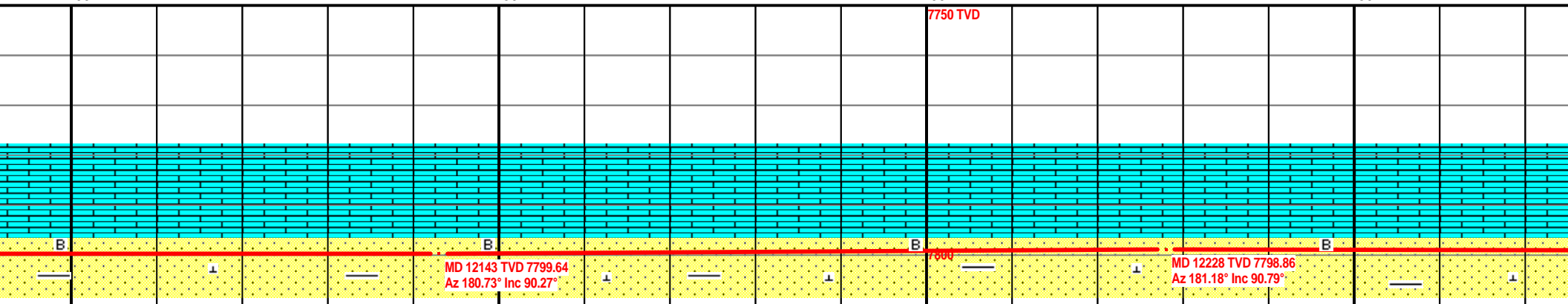
SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr LS, Tr Bent, oc ls qrt.

MW: 9.0 / VIS: 42

MW: 9.0 / VIS: 42



12100 12150 12200 12250

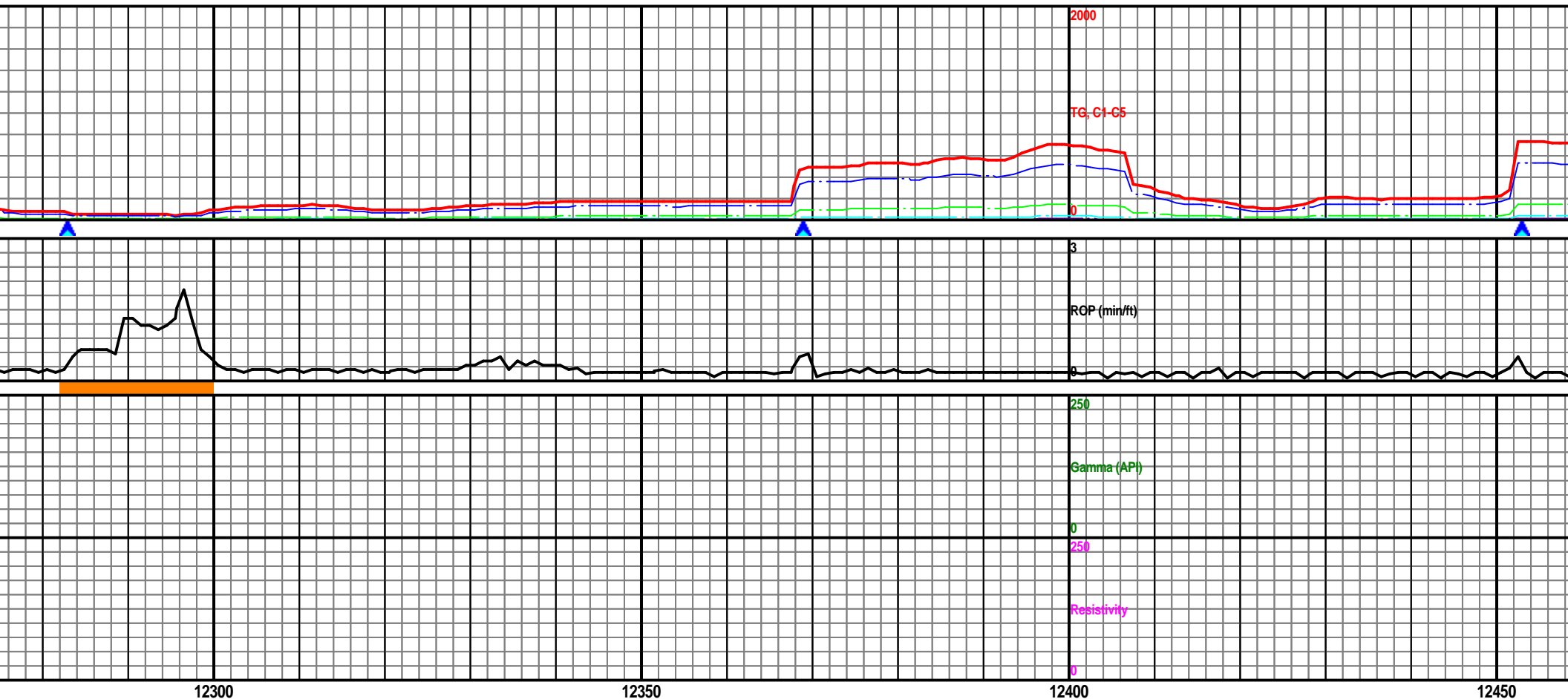


: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, incl, fri, nsf, tr py, slw str wh cut. SH 5%: dkgy, plty-sbply, slty, grty, sft, sl cal. Tr LS, Tr Bent.

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

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

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



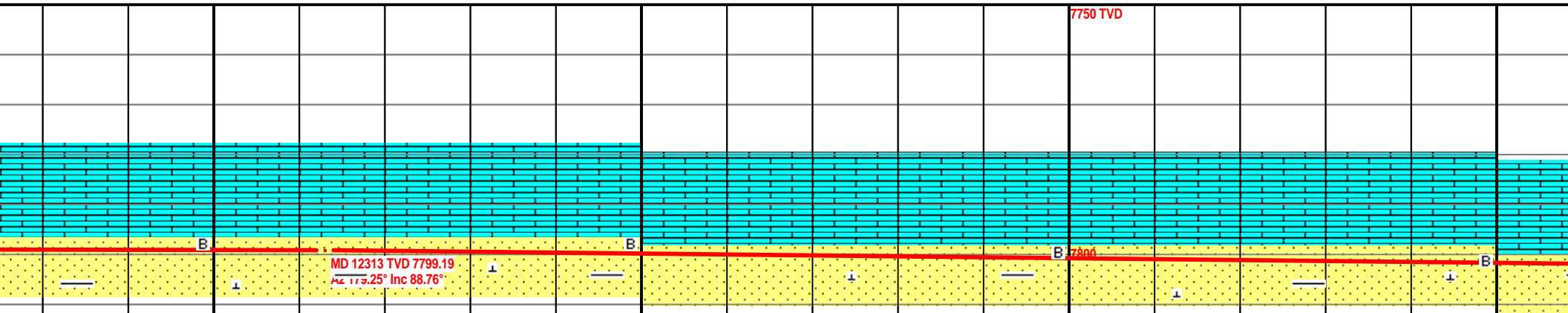
12300

12350

12400

12450

7750 TVD

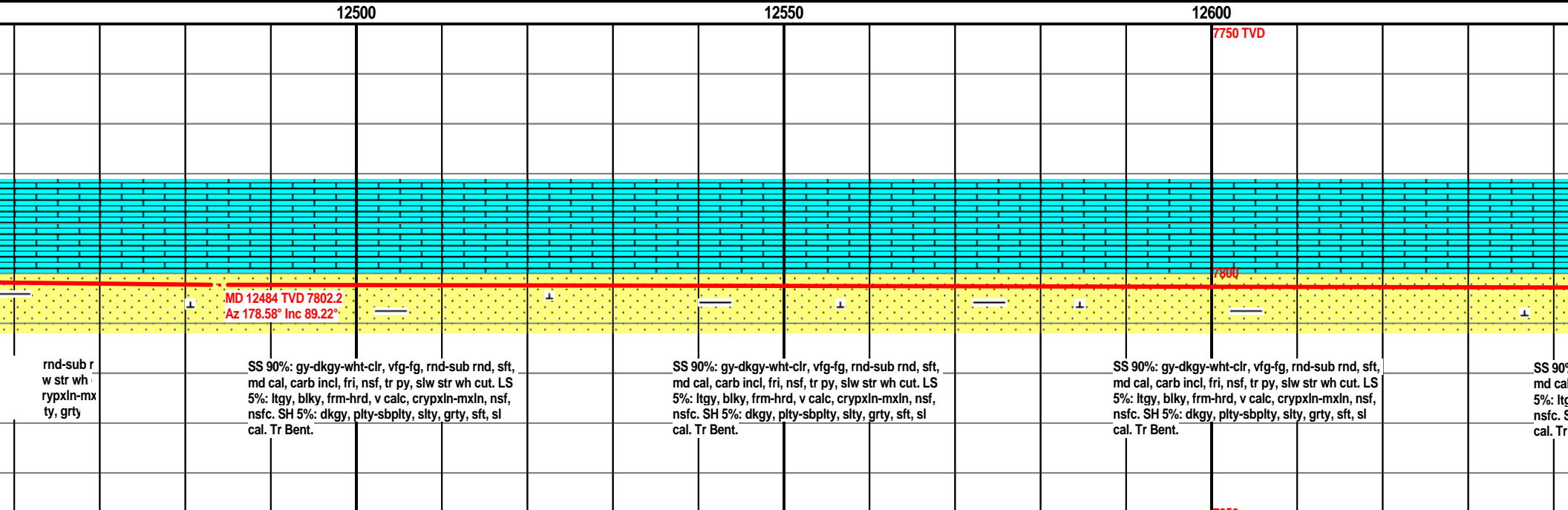
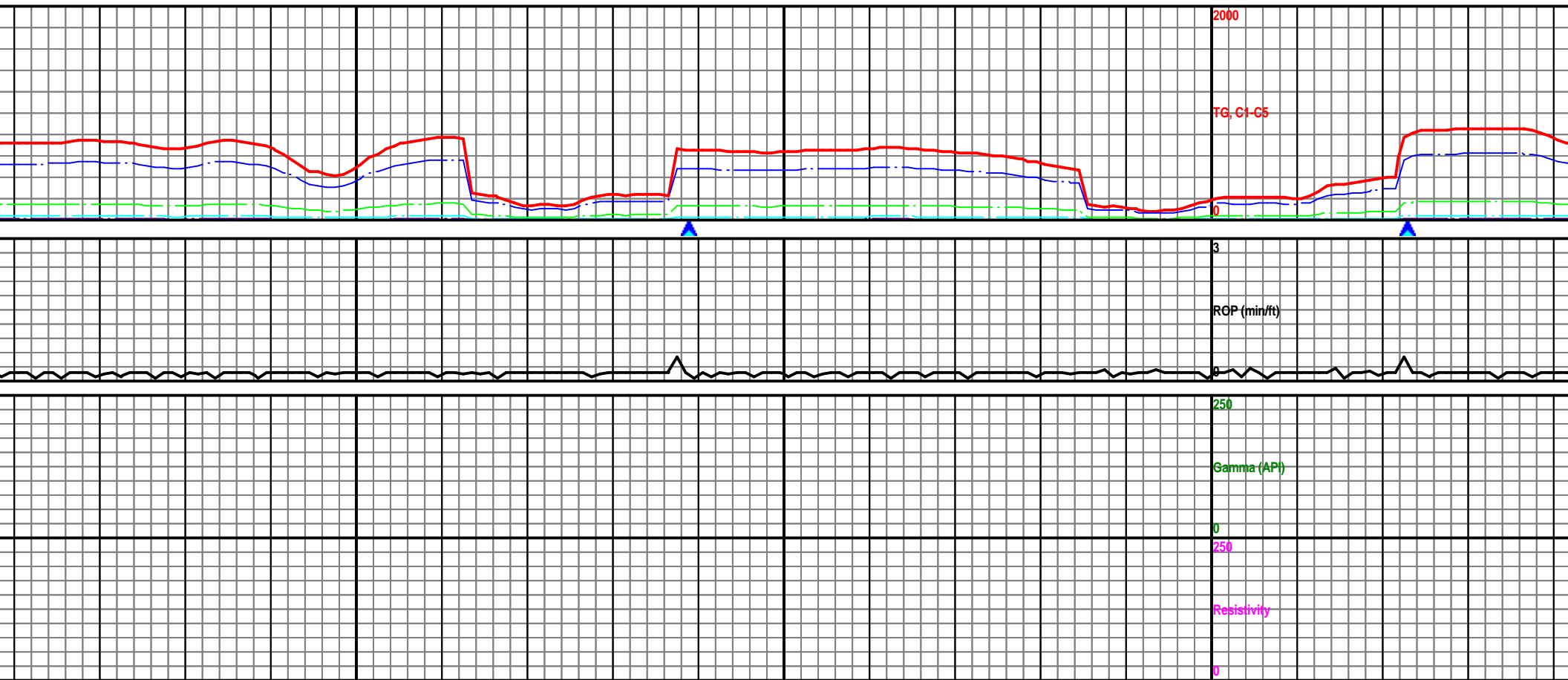


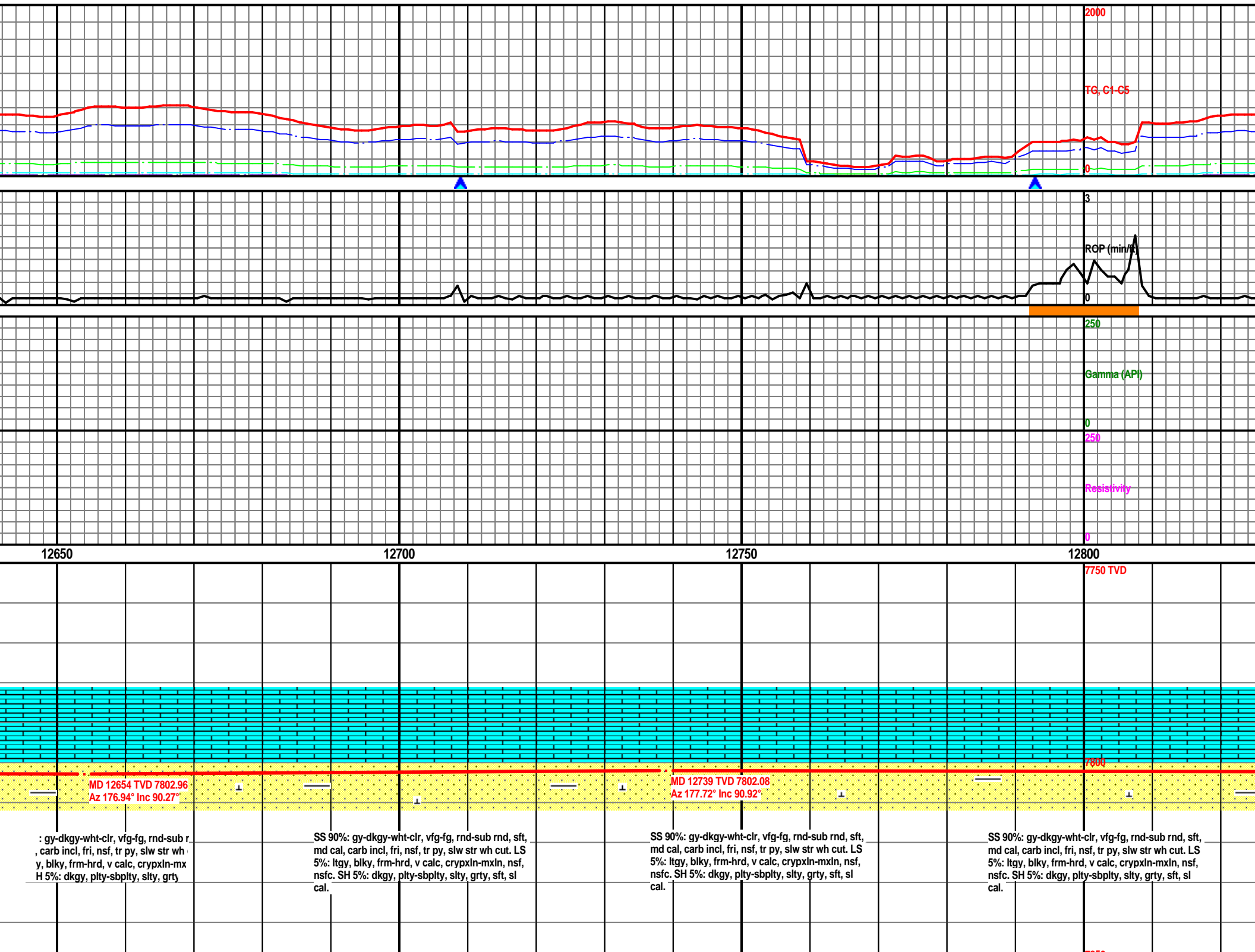
SS 95%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr LS, Tr Bent.

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

SS 85%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. LS 10%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr Bent.

SS 85%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft, md cal, carb incl, fri, nsf, tr py, slw str wh cut. LS 10%: ltgy, blkly, frm-hrd, v calc, crypxln-mxln, nsf, nsfc. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl cal. Tr Bent.





MW: 9.0+ / VIS: 42

TD of 12889' MD
Achieved 11:10pm
10/13/13. T.O.O.H. to
run liner.

Reamer Trip Gas = 6142 U

Casing Trip Gas =

Two man logging unit
with sample program
and gas analyzer
released 10/15/13.

12850

12900

MD 12834 TVD +302.27
Az 177.26° Inc 88.85°

MD 12889 TVD 7803.37
Az 177.26° Inc 88.85°

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,
md cal, carb incl, fri, nsf, tr py, slw str wh cut. LS
5%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln, nsf,
nsfc. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl
cal.

SS 90%: gy-dkgy-wht-clr, vfg-fg, rnd-sub rnd, sft,
md cal, carb incl, fri, nsf, tr py, slw str wh cut. LS
5%: ltgy, blkgy, frm-hrd, v calc, crypxln-mxln, nsf,
nsfc. SH 5%: dkgy, plty-sbplty, slty, grty, sft, sl
cal.