



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

**Well Name:** NRC 28N-4HZ  
**Location:** Weld County, CO.  
**License Number:** 05123386090000  
**Spud Date:** 03/04/14  
**Surface Coordinates:** 350'FSL & 2010'FWL, SEC.9, T1N-R67W  
**Region:** DJ Basin  
**Drilling Completed:** 03/11/14  
**Bottom Hole Coordinates:** 460'FNL & 2570'FEL, SEC.4, T1N-R67W  
**Ground Elevation (ft):** 5067' **K.B. Elevation (ft):** 5083'  
**Logged Interval (ft):** 7750' **To:** 17151' **Total Depth (ft):** 17151'  
**Formation:** Niobrara B CK  
**Type of Drilling Fluid:** Water Base Mud Vertical / Oil Base Mud Lateral

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

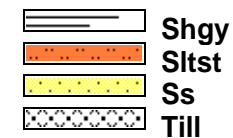
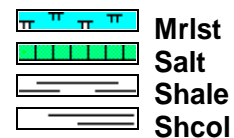
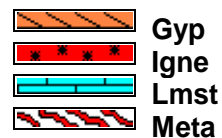
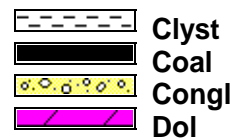
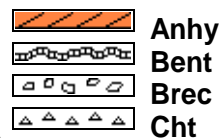
Name: Scott Crozier / Ben Thompson  
Company: Great Divide Consulting, Inc.  
Address: P.O. Box 630263  
Highlands Ranch, CO 80163

## Cores

## DSTs

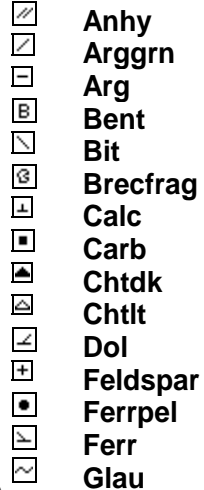
## Comments

## ROCK TYPES

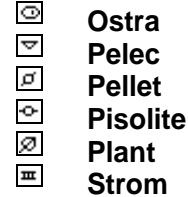
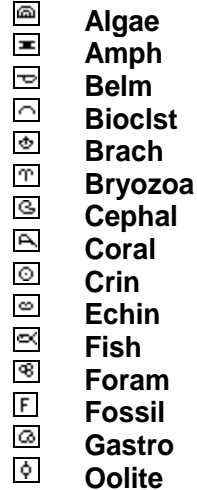


## ACCESSORIES

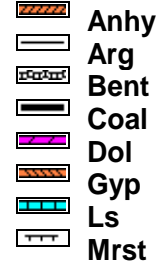
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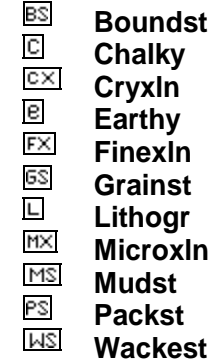
### FOSSIL










### 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**

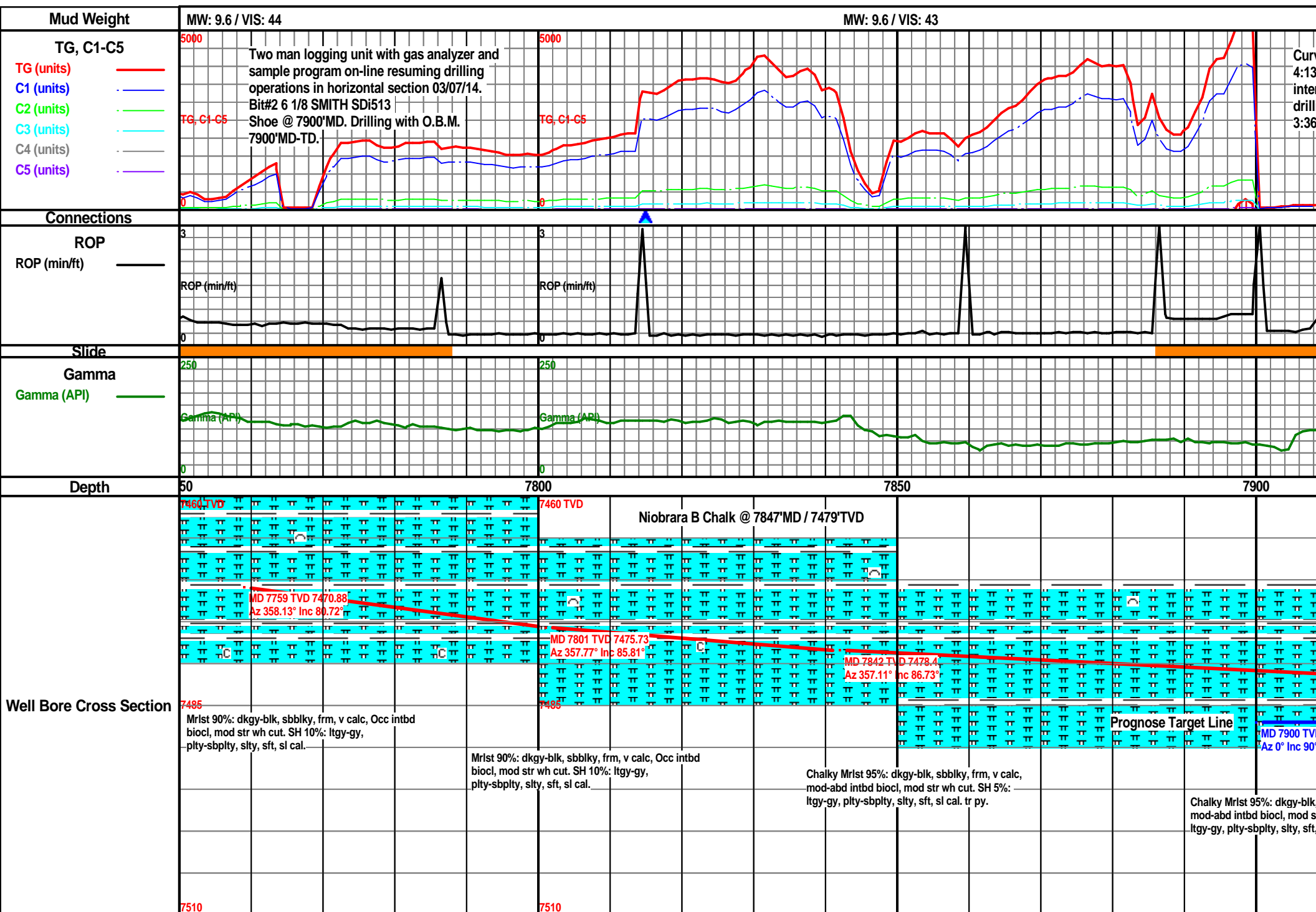
 Ques  
 Dead

**INTERVAL**

 Core  
 Dst

**EVENT**

 Rft  
 Connection



MW: 8.7 / VIS: 42

MW: 8.7 / VIS: 42

e TD of 7900  
am 03/08/14  
mediate ca  
ng ahead with

On Gas Buster:  
7900'MD - TD

Note Scale Change

Scale Change  
TG, C1-C5

TG, C1-C5

RGP (min/ft)

Gamma (API)

7950

8000

8050

03/08/14 4:00am Depth @ 7938'MD

MD 7932 TVD 7482.17  
Az 357.18° Inc 88.46°

7460 TVD

MD 8000 TVD 7487.1  
Inc 90°MD 8018 TVD 7484.24  
Az 337.6° Inc 88.79°sbbilky, frm,  
tr wh cut. :

Chalky Mrist 95%: dkgy-blk, sbbilky, frm, v calc,  
mod-abd intbd biocl, mod str wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

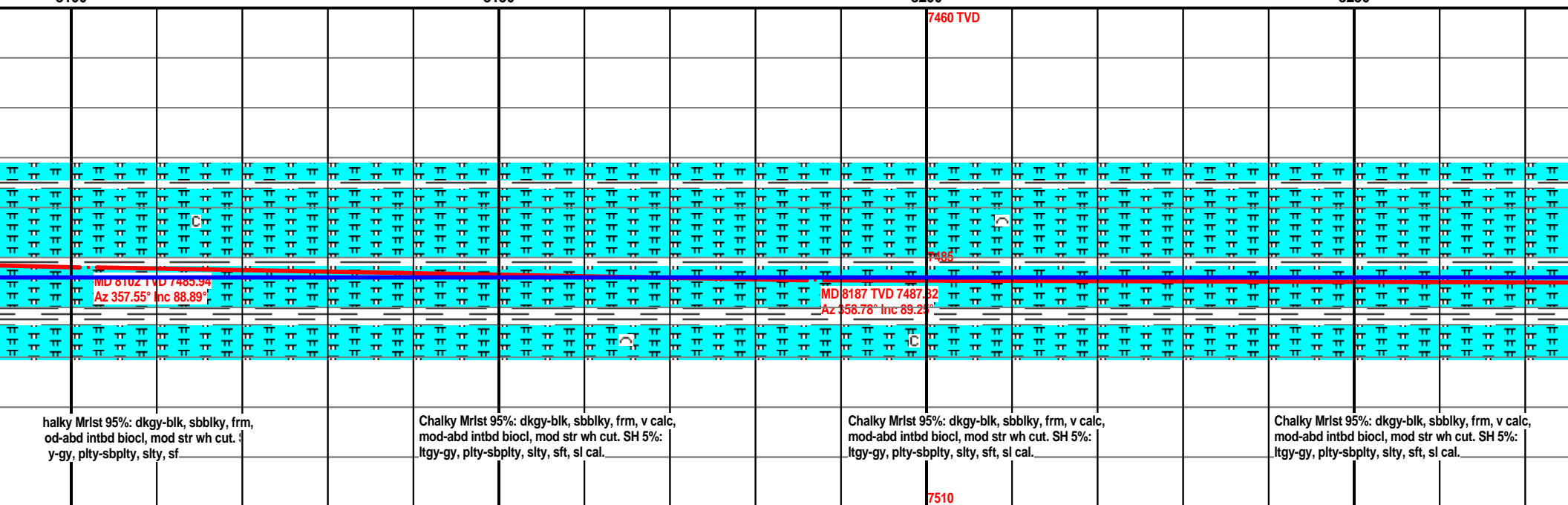
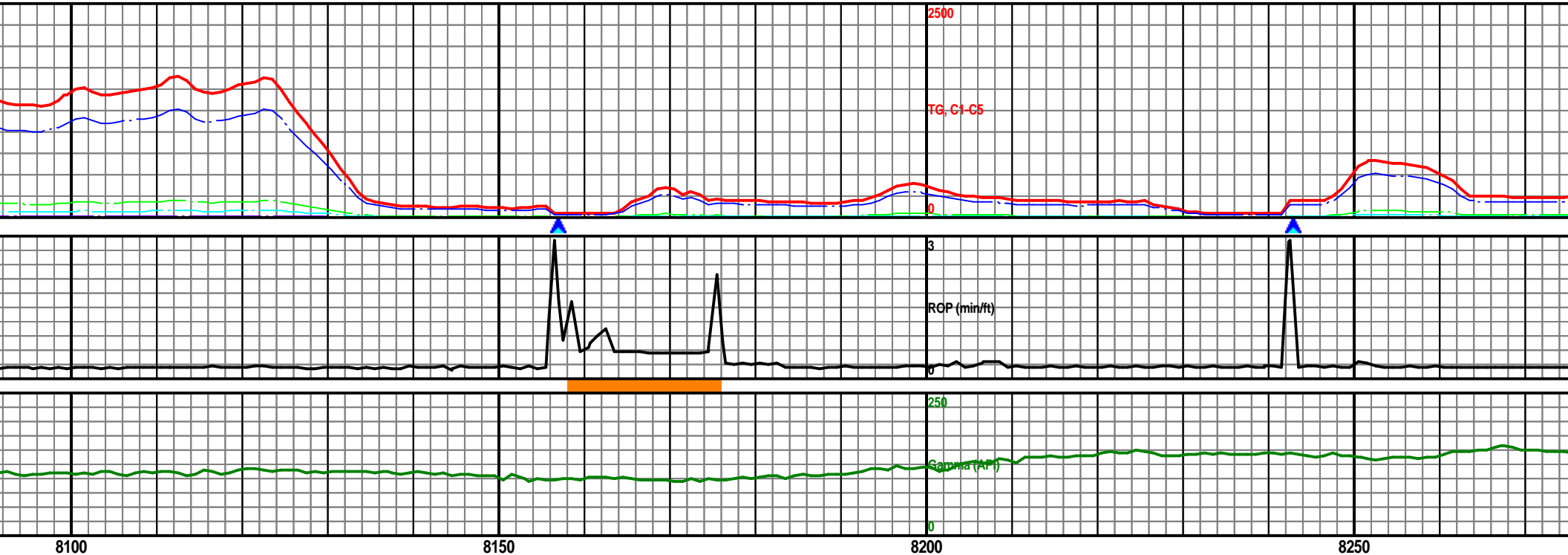
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mod-abd intbd biocl, mod str wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrist 95%: dkgy-blk, sbbilky, frm, v calc,  
mod-abd intbd biocl, mod str wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

7510

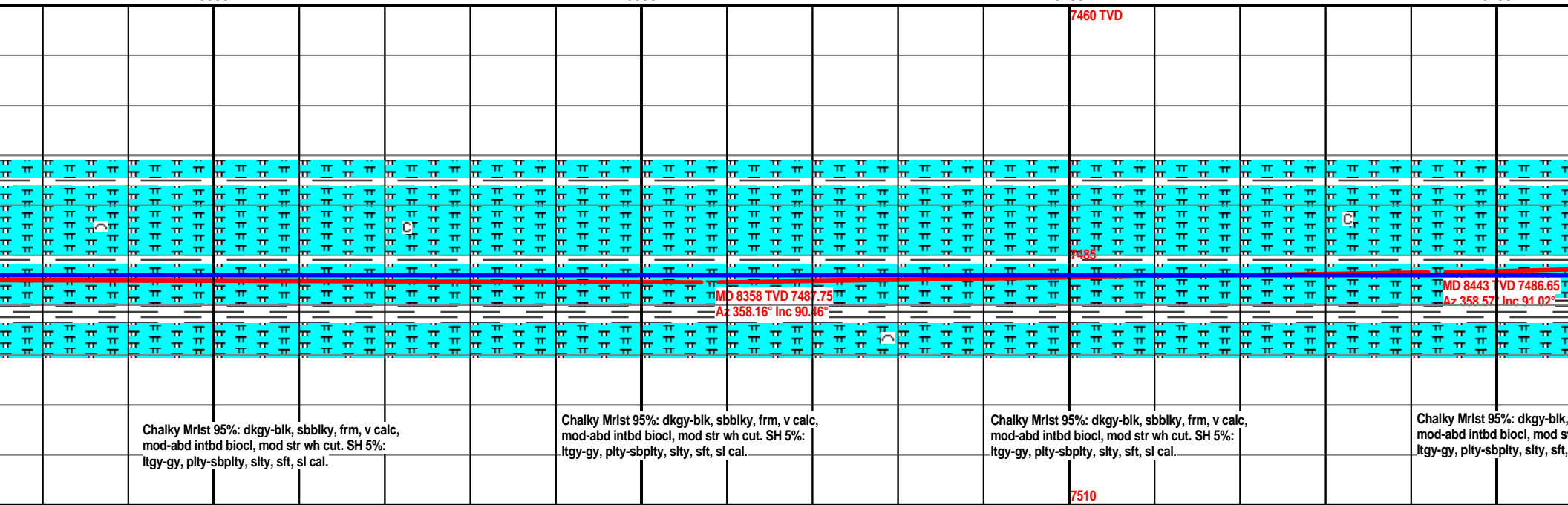
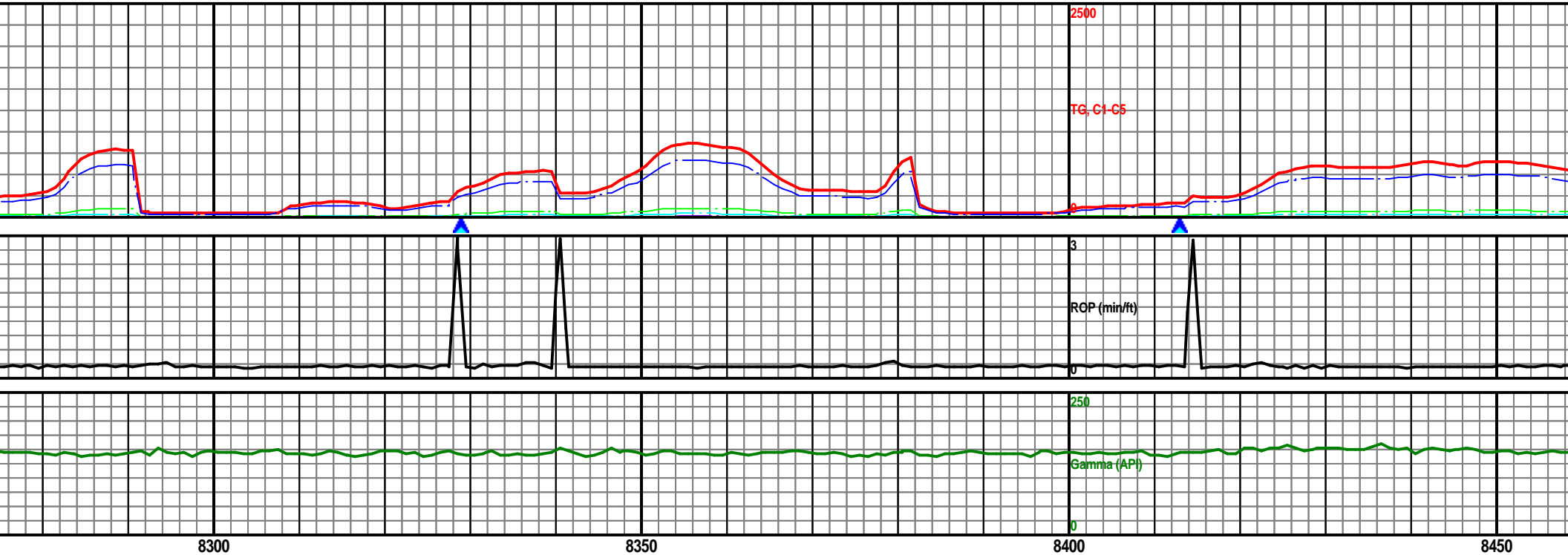
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MW: 8.7 / VIS: 42

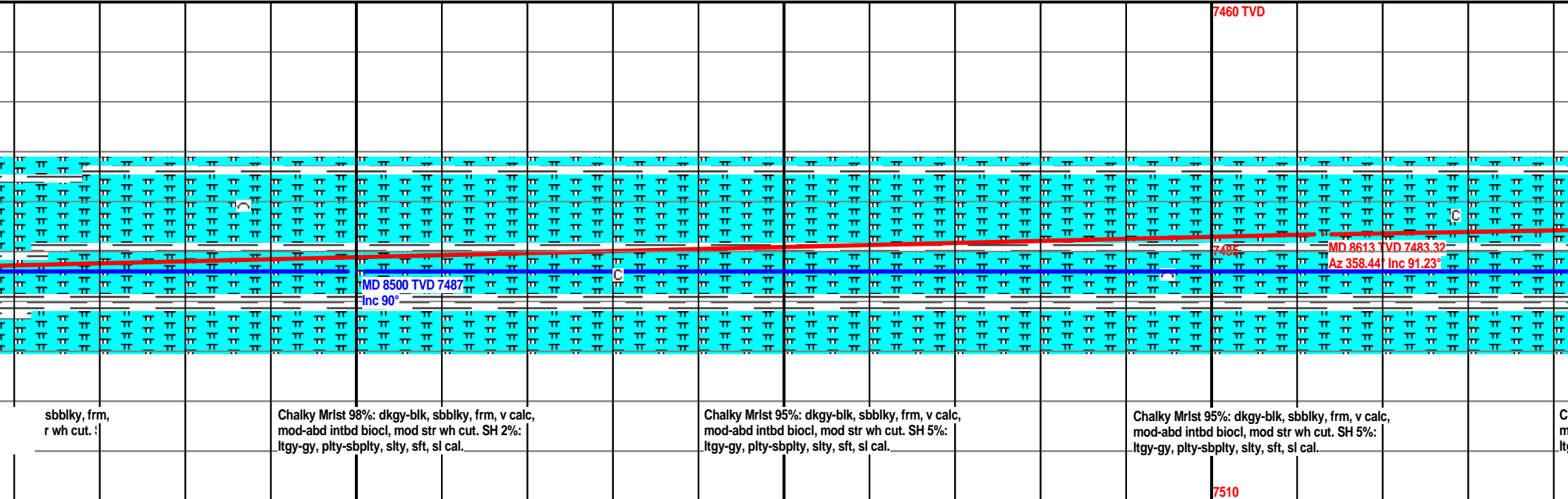
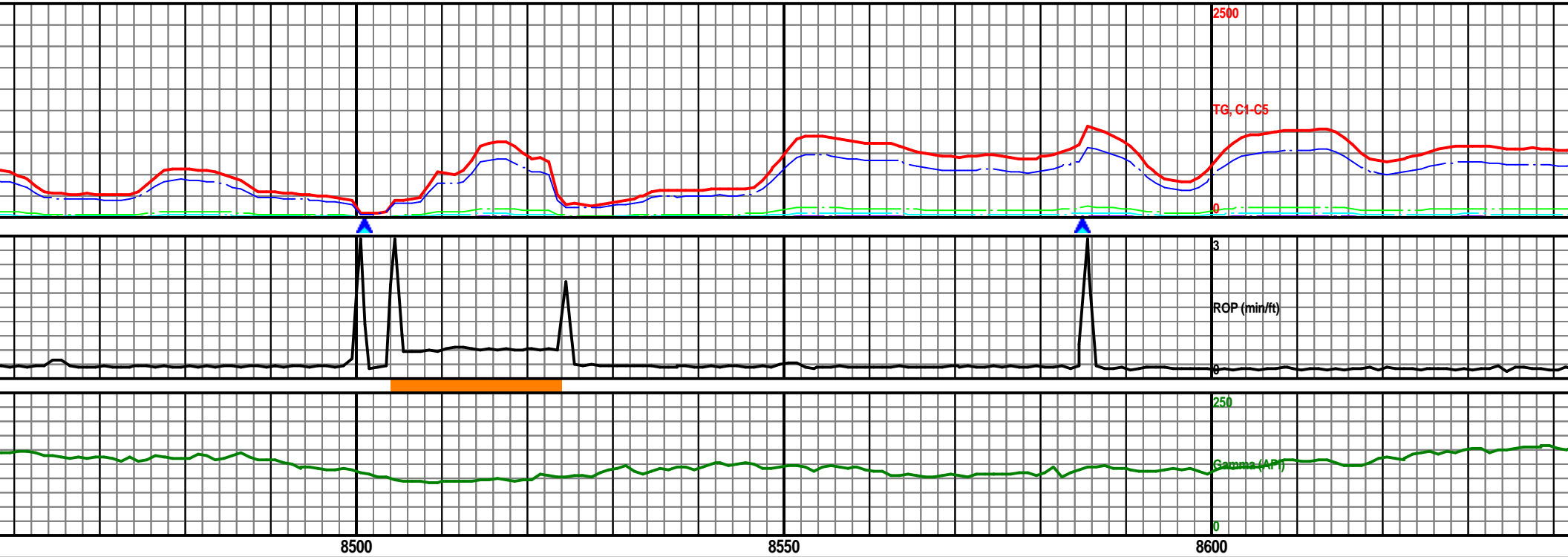


MW: 8.8 / VIS: 44

MW: 8.8 / VIS: 44



MW: 8.8 / VIS: 44



sbbiky, frm,  
r wh cut. :

Chalky Mrlst 98%: dkgy-blk, sbbiky, frm, v calc,  
mod-abd intbd biocl, mod str wh cut. SH 2%:  
ltgy-gy, pty-sbpty, slty, sft, sl cal.

Chalky Mrlst 95%: dkgy-blk, sbbiky, frm, v calc,  
mod-abd intbd biocl, mod str wh cut. SH 5%:  
ltgy-gy, pty-sbpty, slty, sft, sl cal.

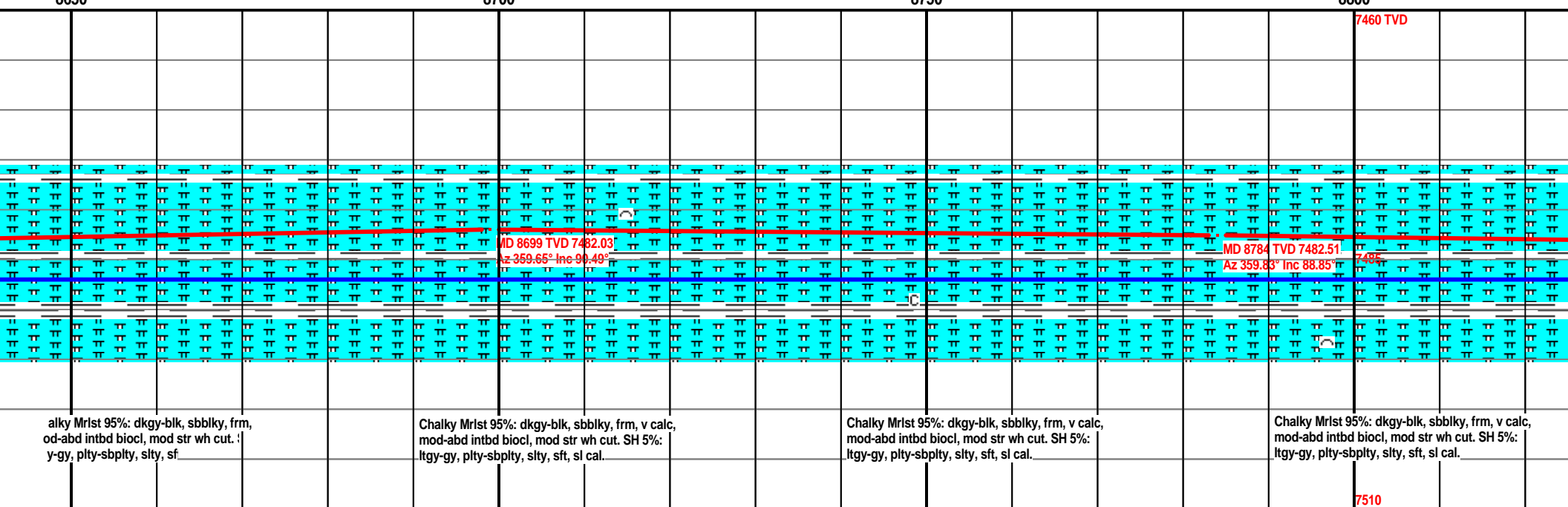
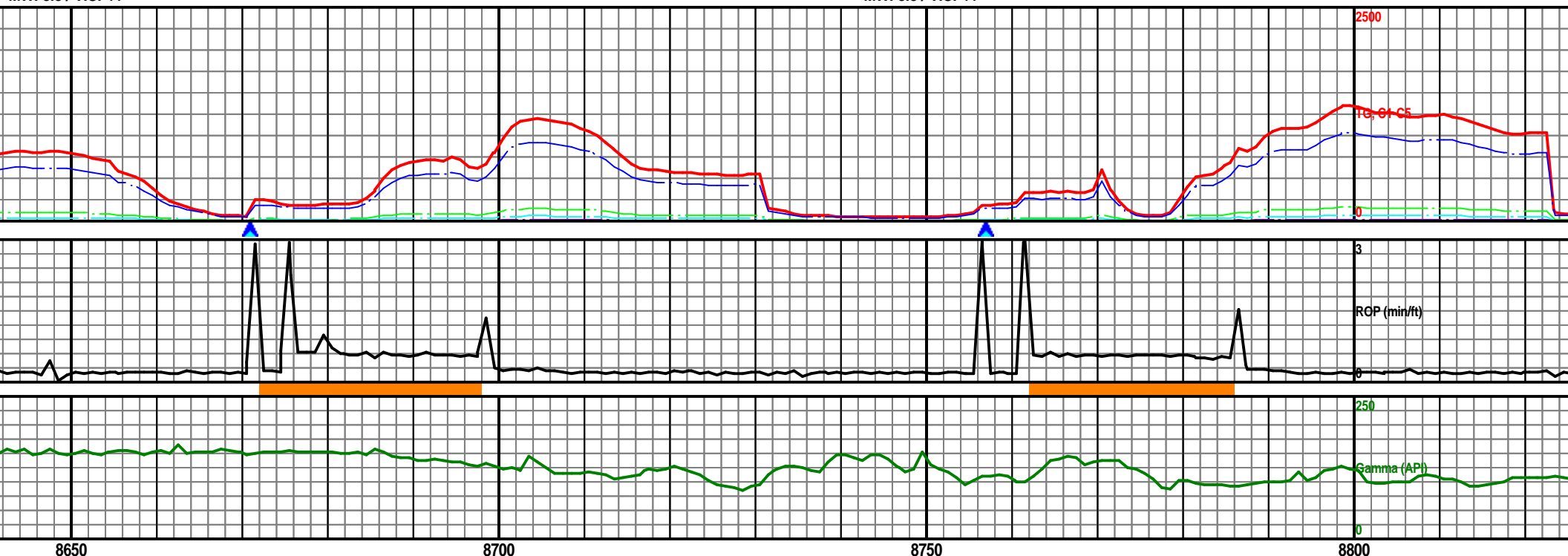
Chalky Mrlst 95%: dkgy-blk, sbbiky, frm, v calc,  
mod-abd intbd biocl, mod str wh cut. SH 5%:  
ltgy-gy, pty-sbpty, slty, sft, sl cal.

7510



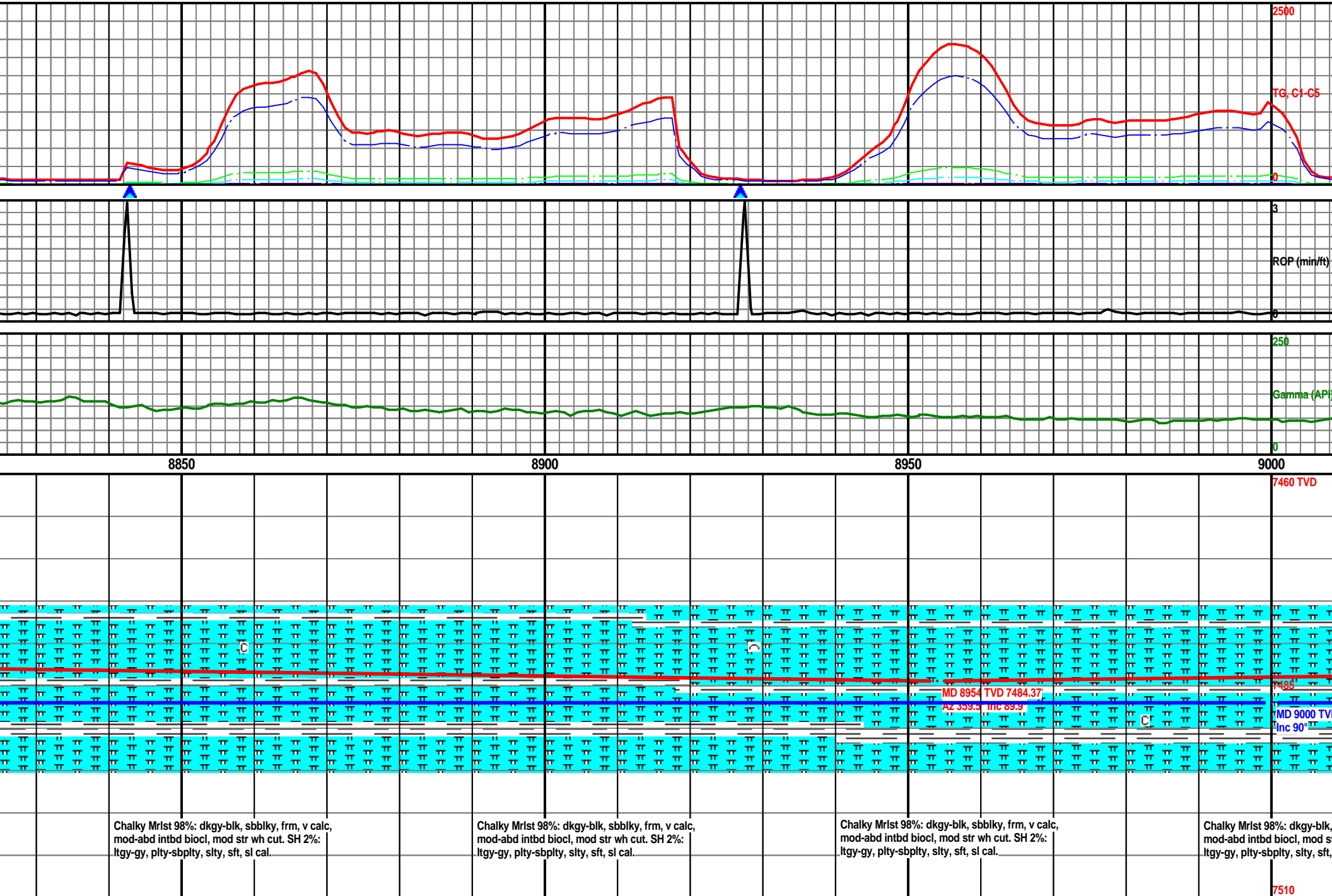
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MW: 8.8 / VIS: 44

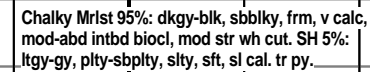


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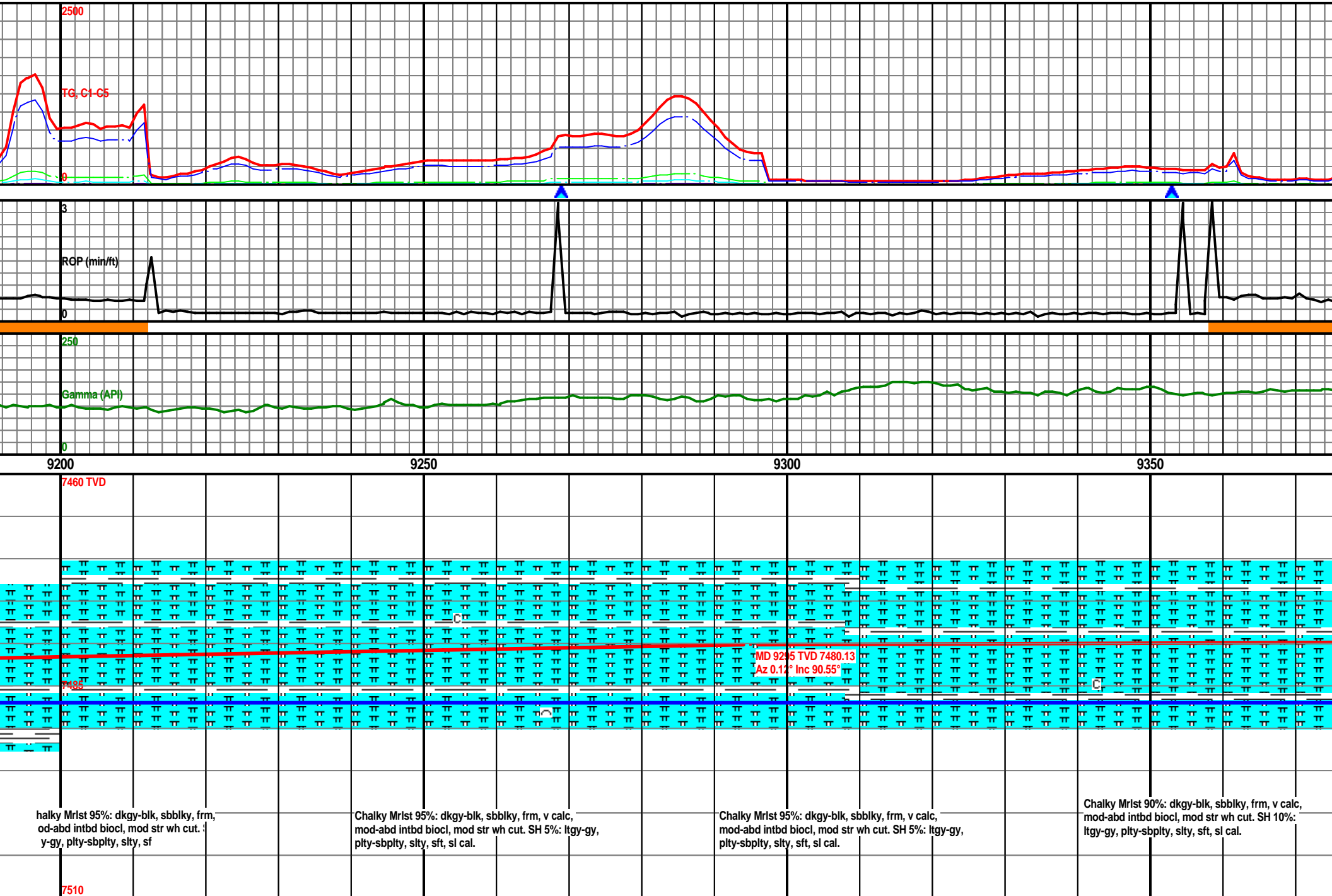


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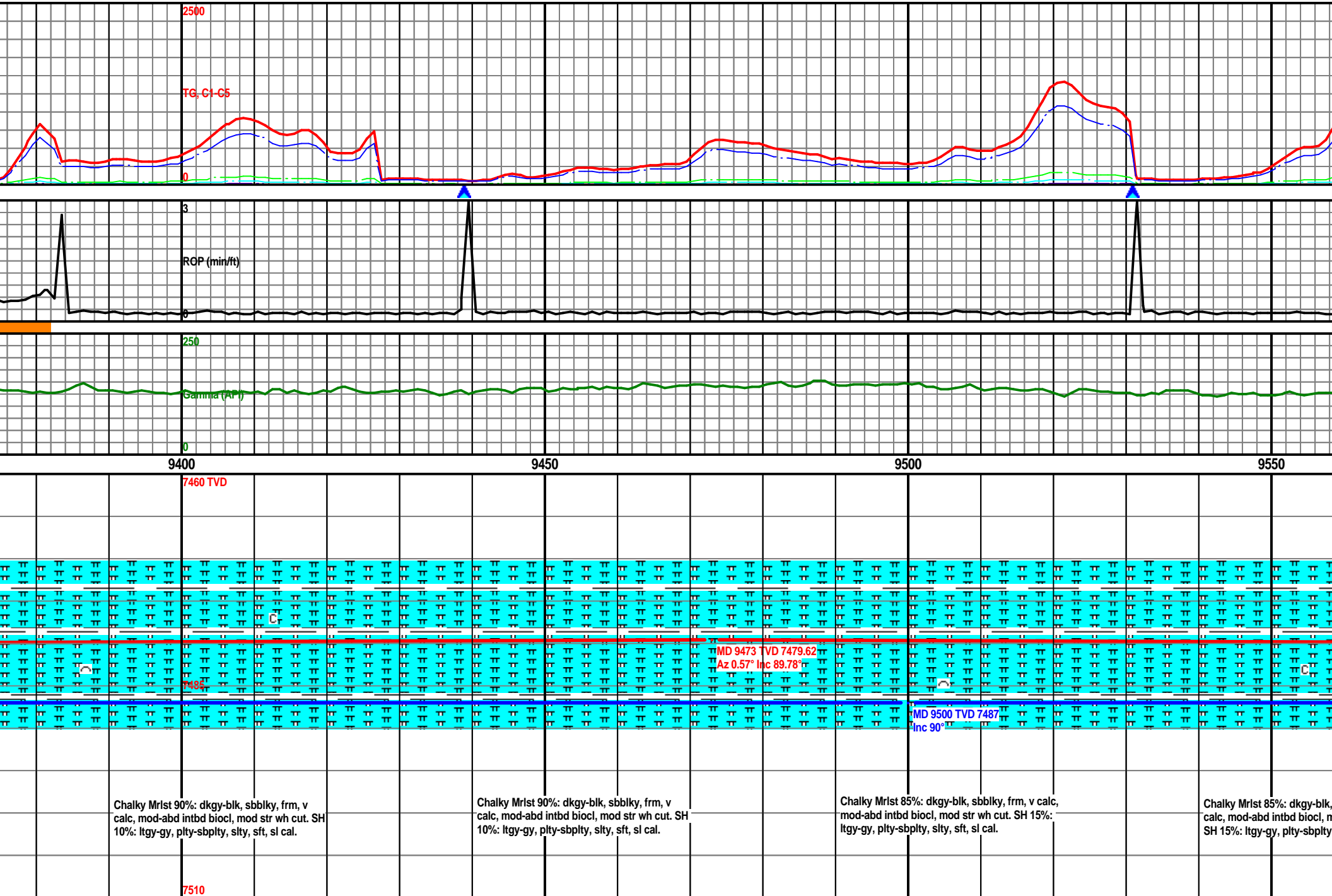
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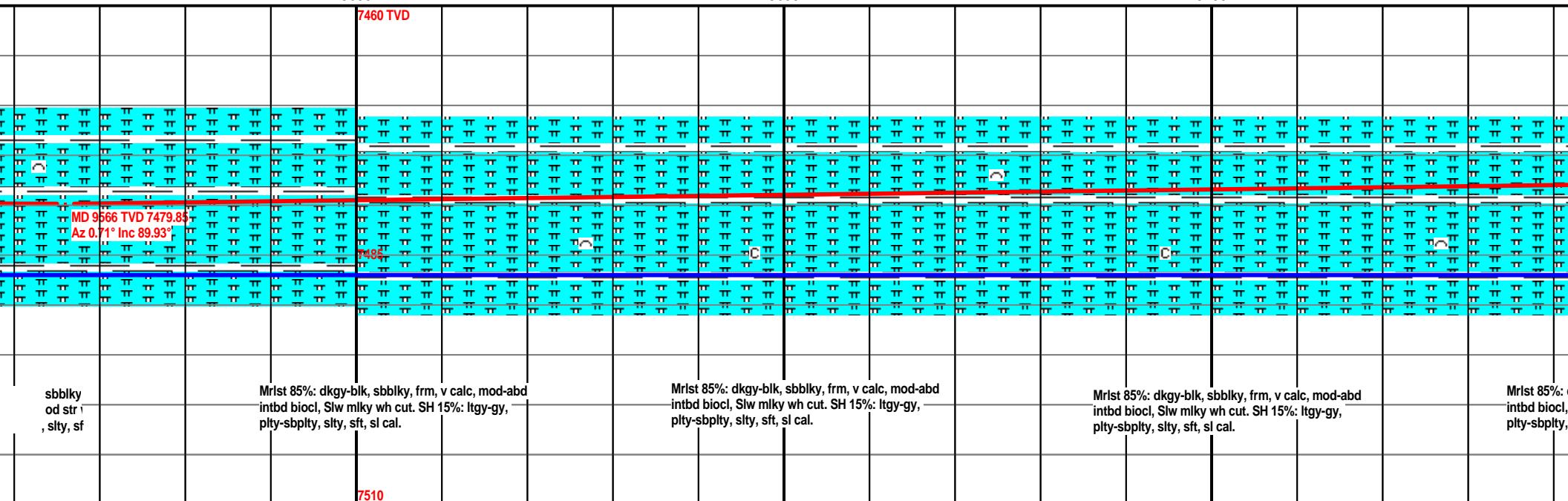
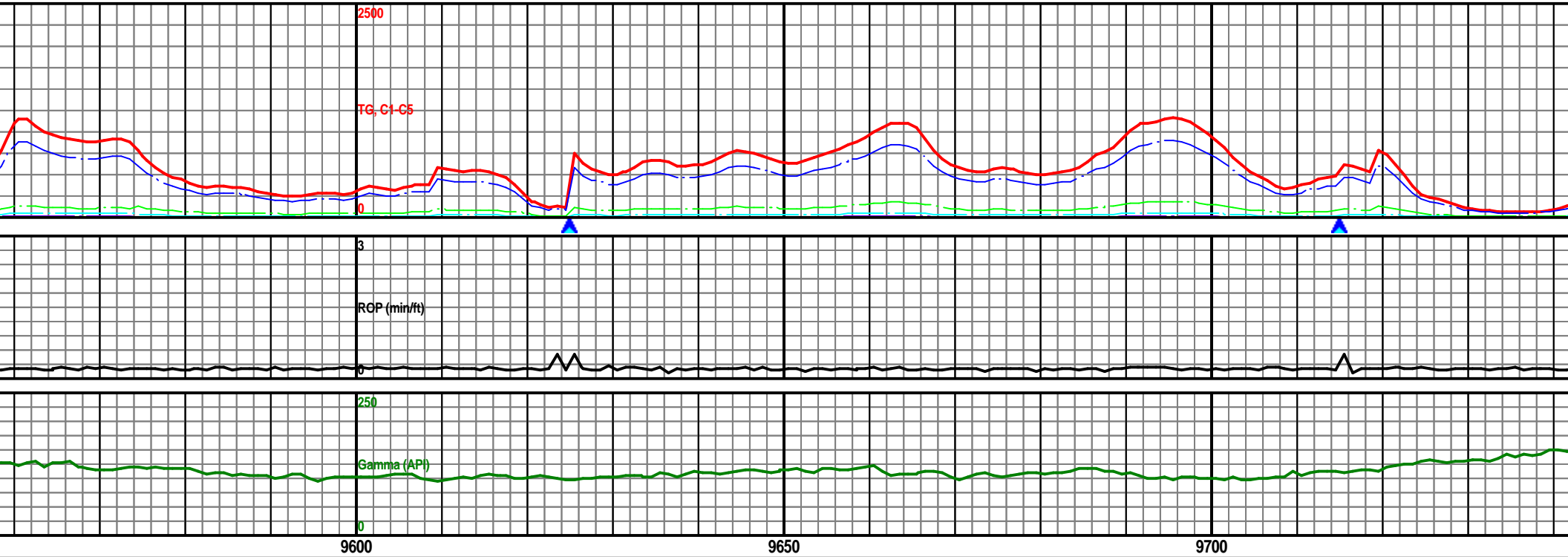


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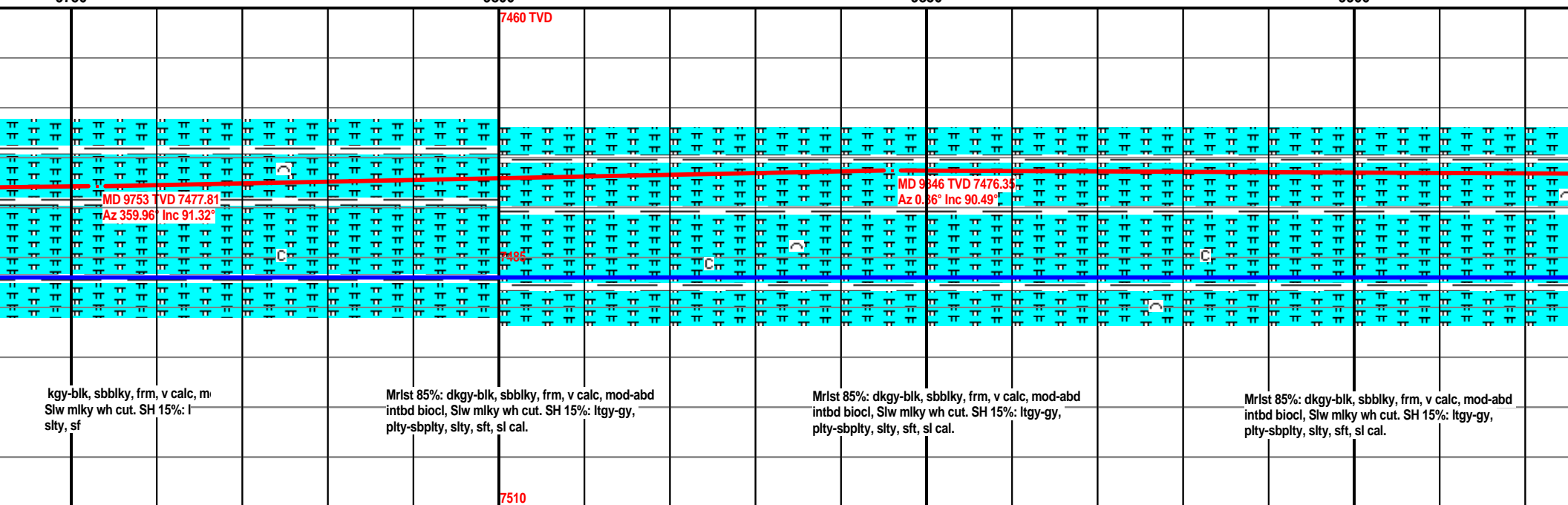
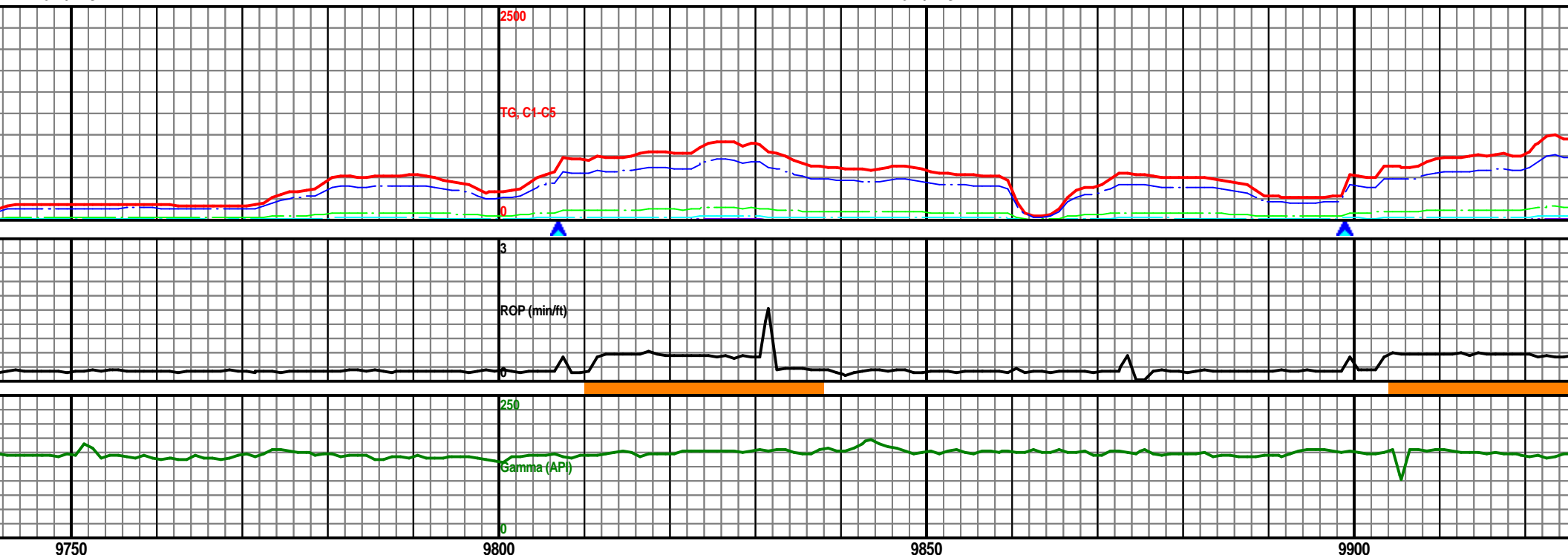


MW: 8.7 / VIS: 47



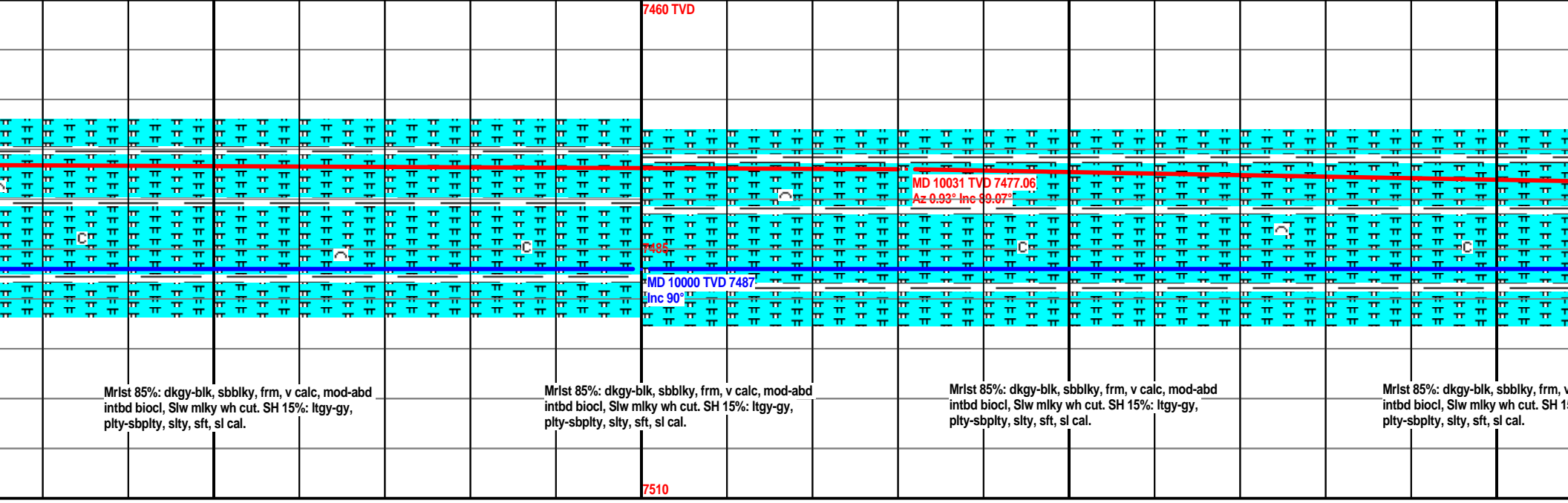
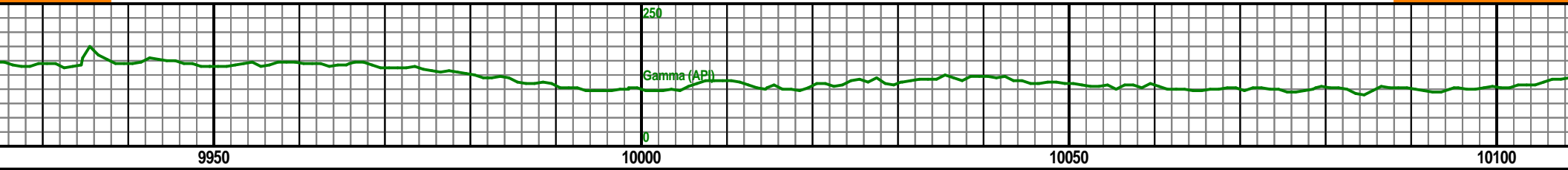
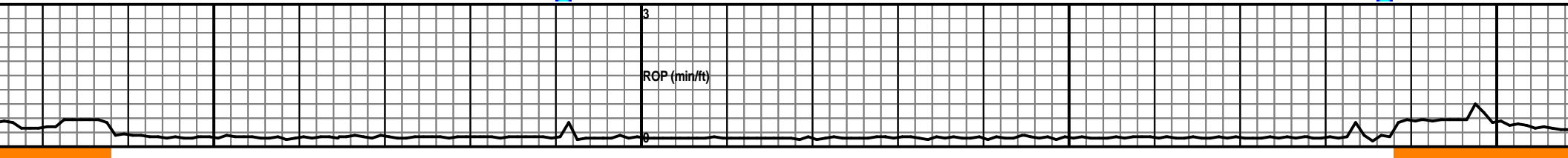
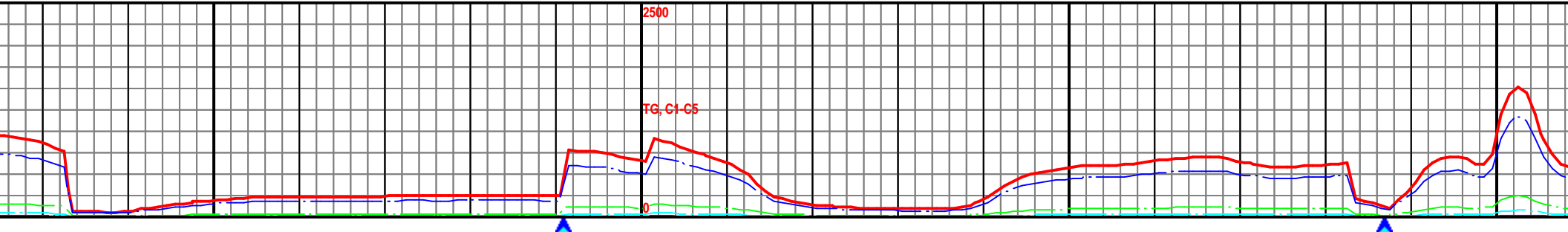
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MW: 8.7 / VIS: 47



MW: 8.7+ / VIS: 47

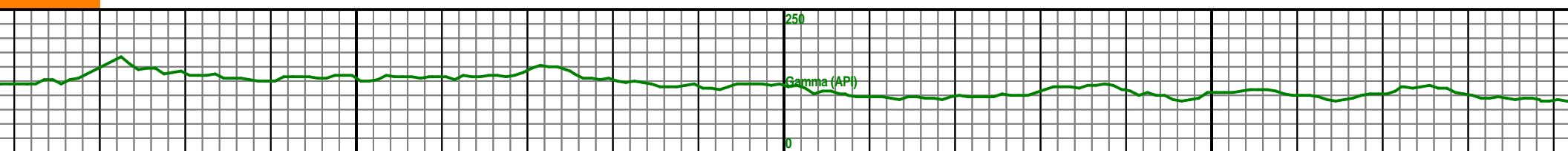
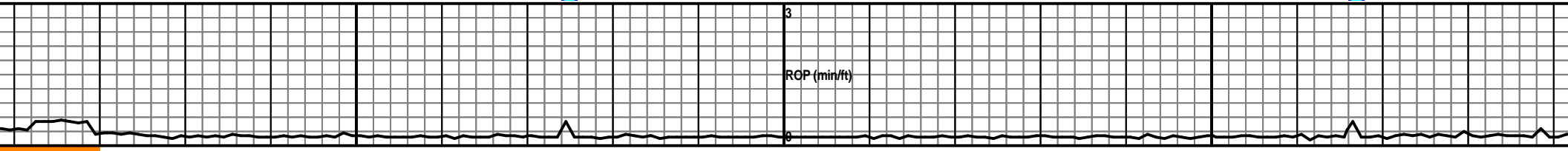
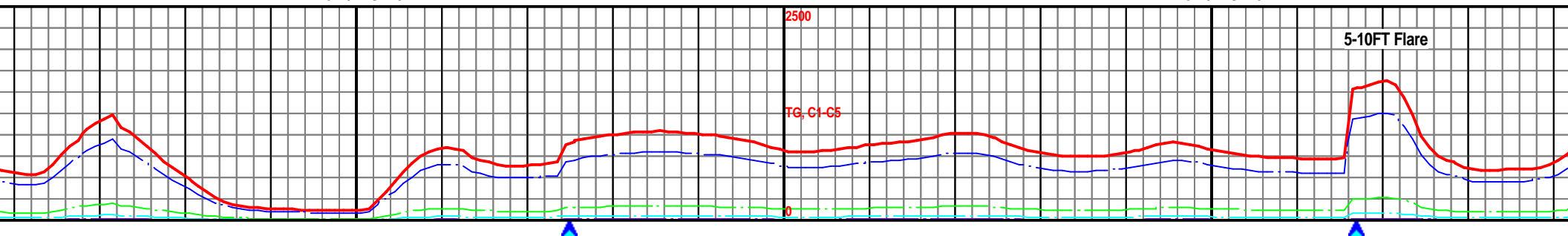
MW: 8.7 / VIS: 45





MW: 8.7 / VIS: 45

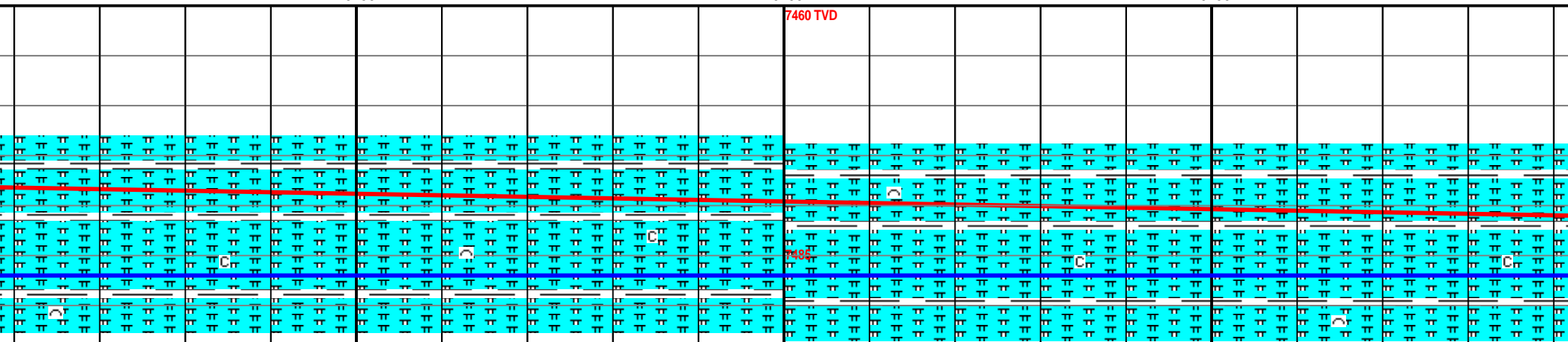
MW: 8.7 / VIS: 45



10150

10200

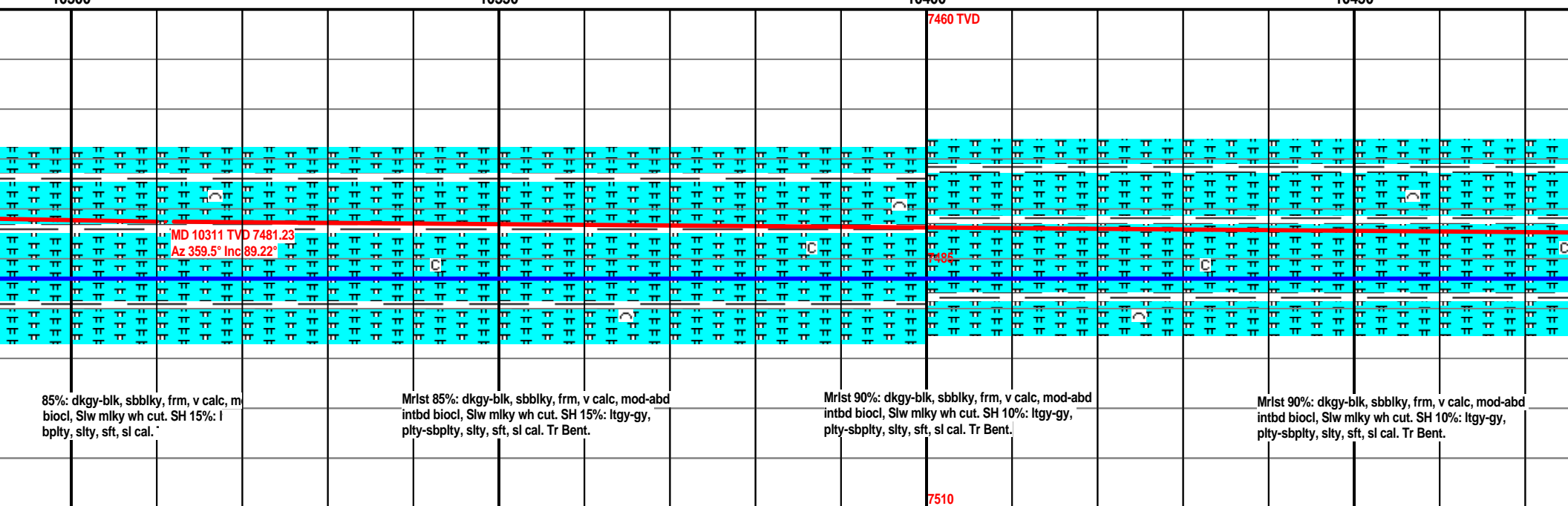
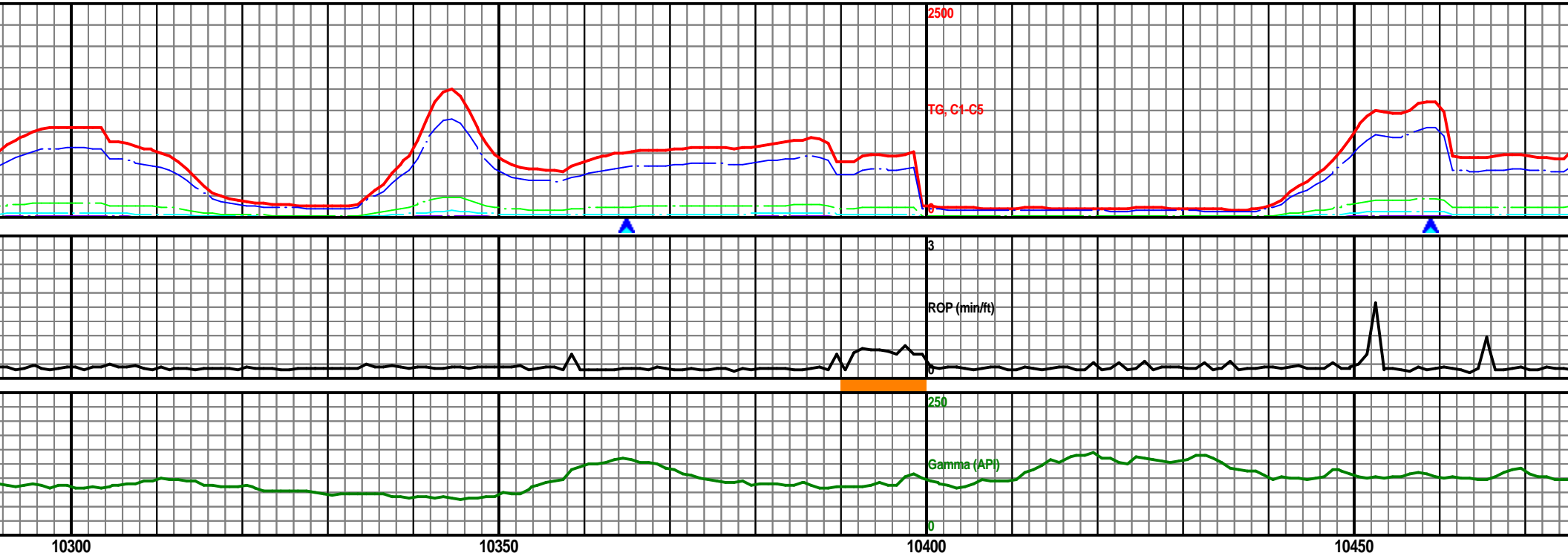
10250

calc, m  
%: IMrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.Mrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.Mrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.Mrlst  
intbd  
plty-s

7510

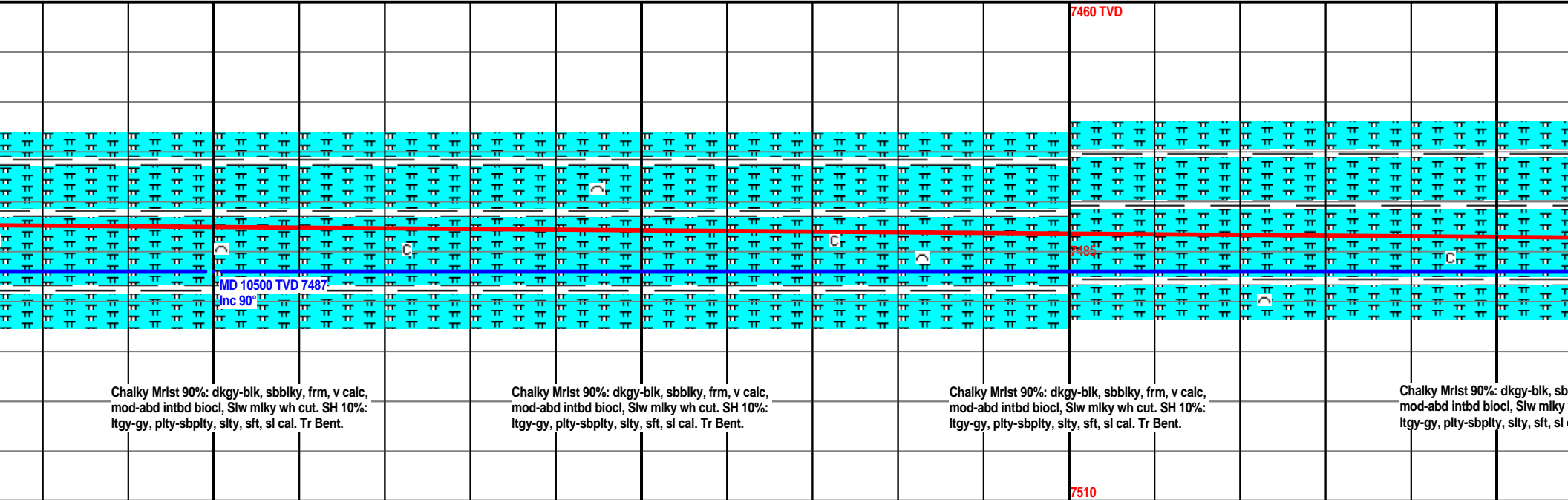
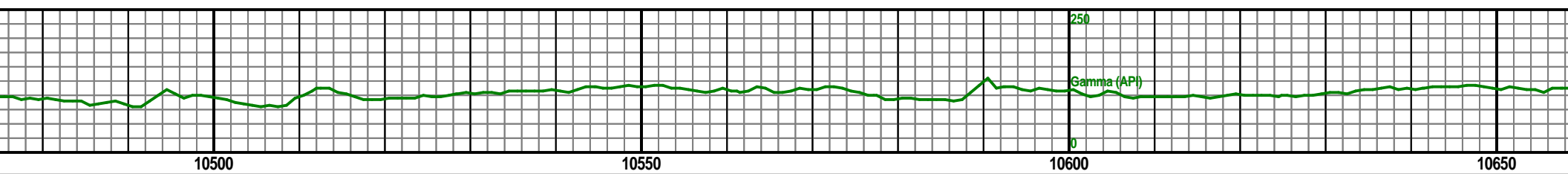
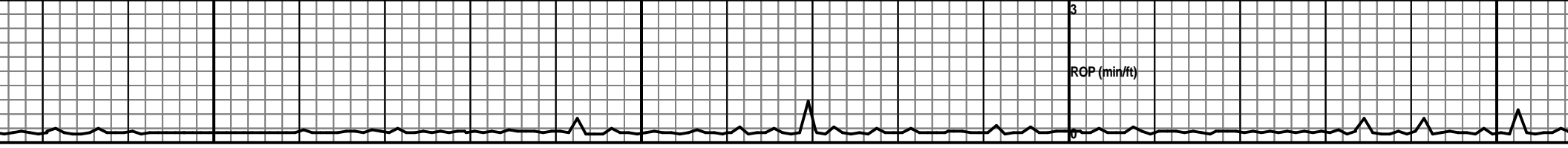
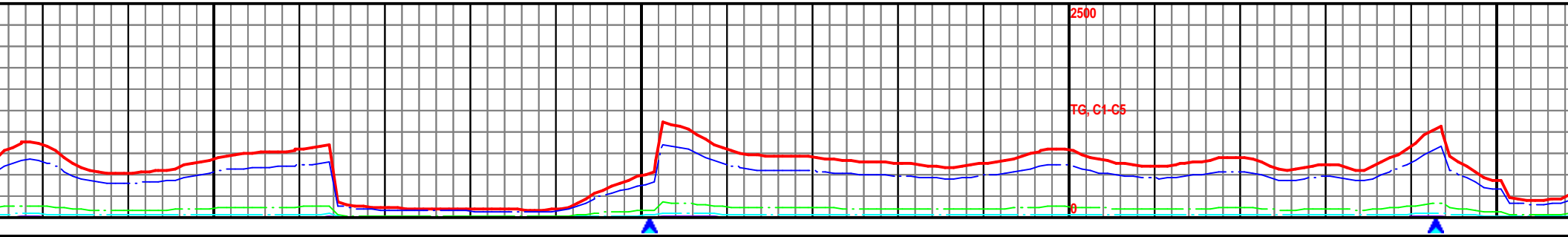
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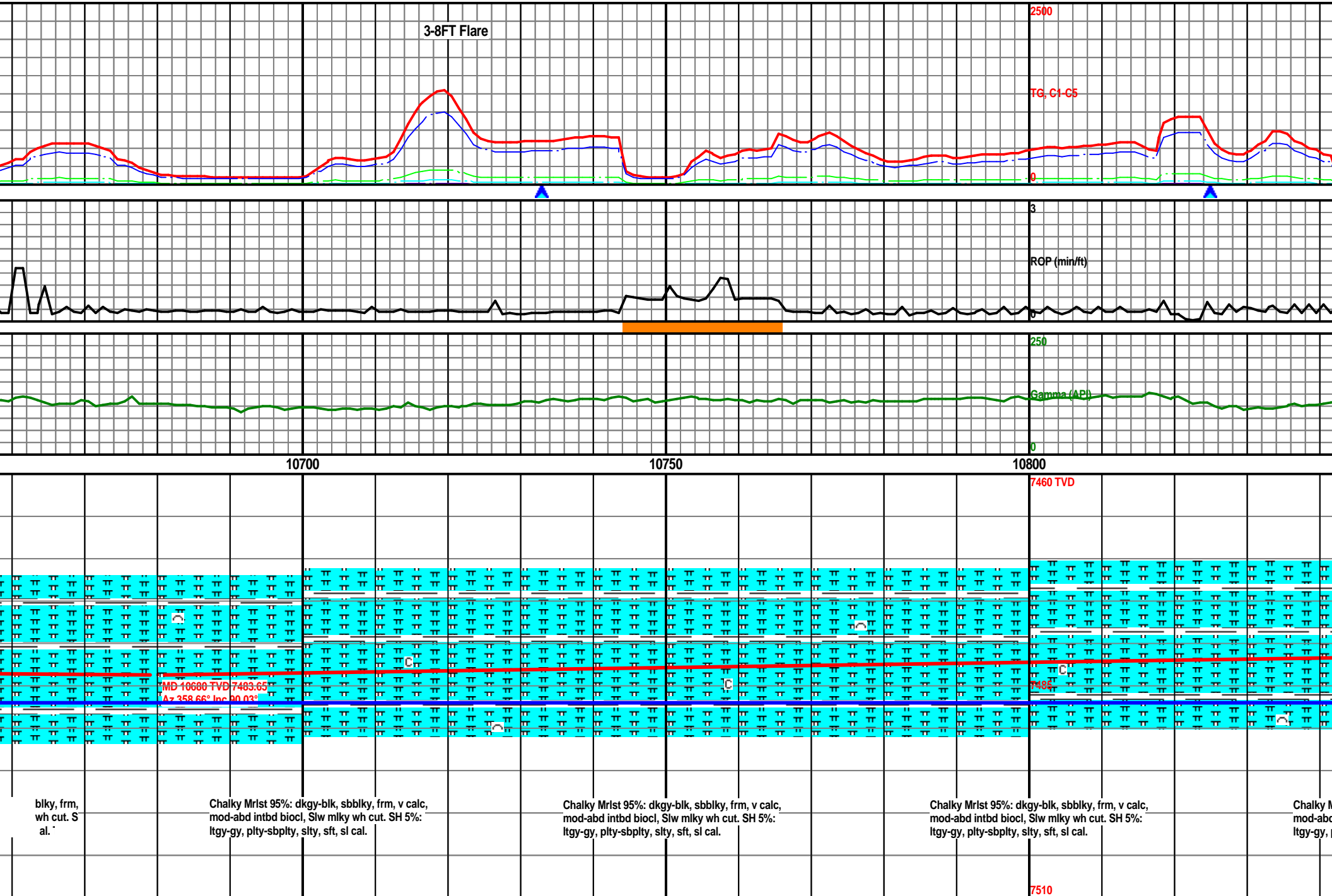


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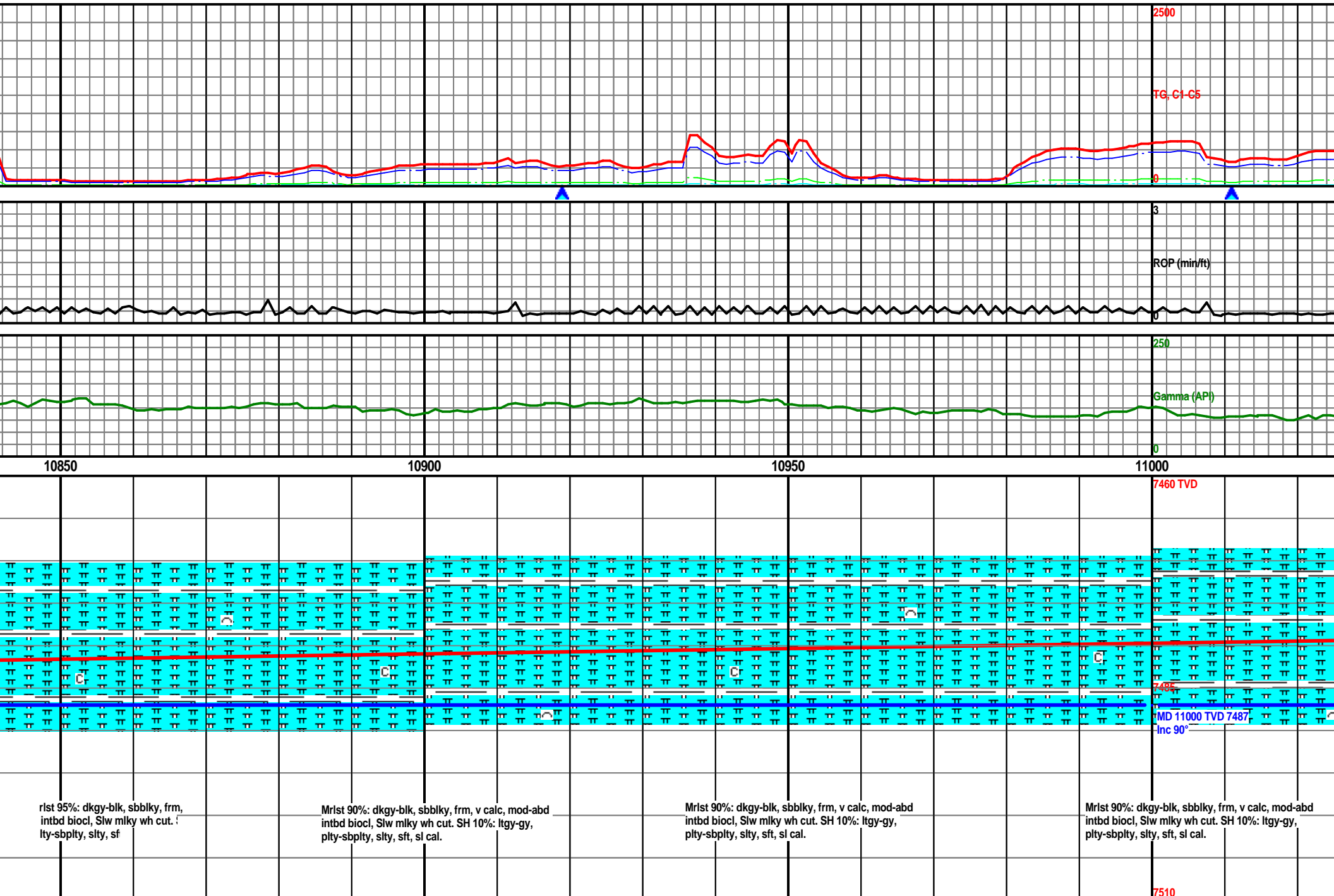


MW: 8.8 / VIS: 47



MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 47



MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 47

2500

TG, C1-C5

3

RGP (min/ft)

Gamma (API)

0

11050

11100

11150

11200

7460 TVD

MD 11047 TVD 7479.2  
Az 59.4° Inc 91.36°

Mrst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
pty-sbply, slty, sft, sl cal.

Mrst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
pty-sbply, slty, sft, sl cal.

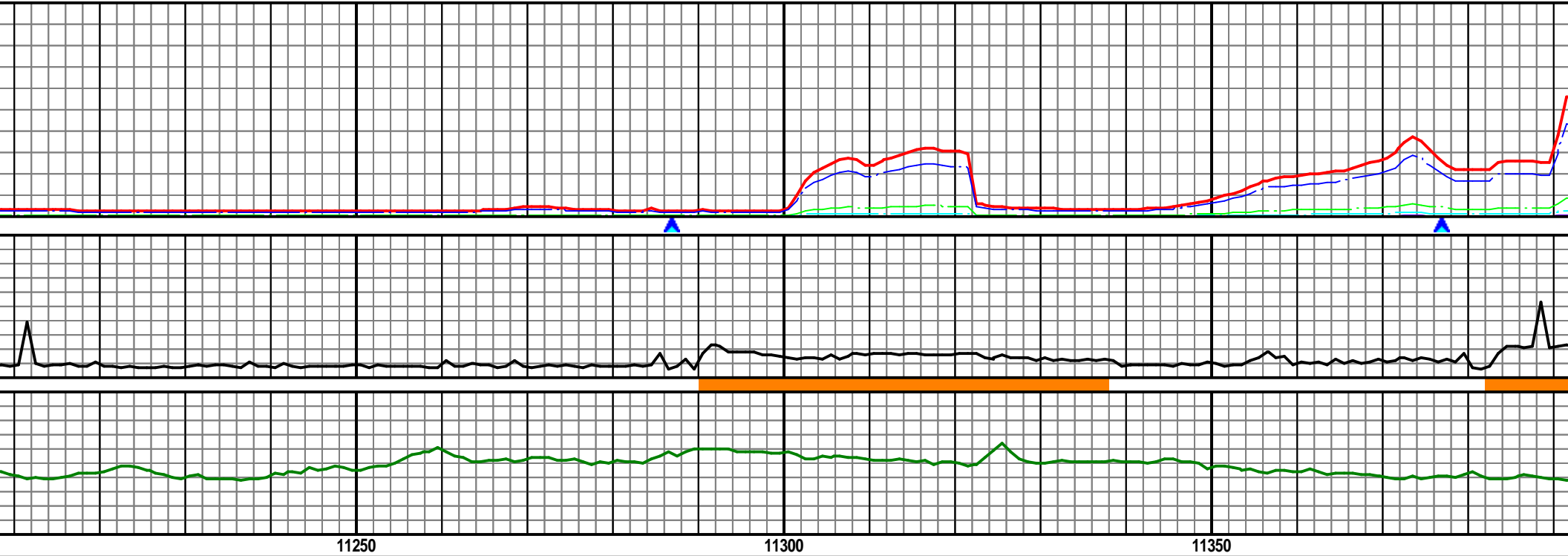
Mrst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
pty-sbply, slty, sft, sl cal.

Mrst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
pty-sbply, slty, sft, sl cal.

7510

MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 47

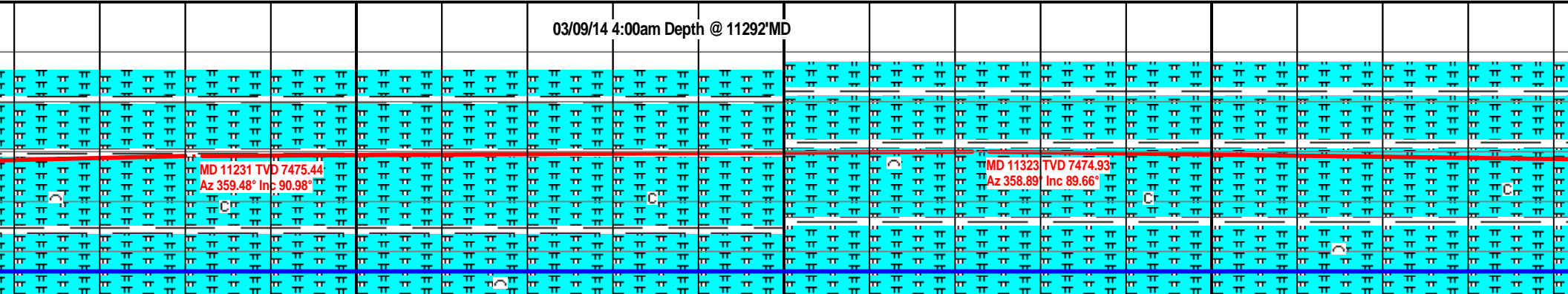


11250

11300

11350

03/09/14 4:00am Depth @ 11292'MD



MD 11231 TVD 7475.44  
Az 359.48° Inc 90.98°

MD 11323 TVD 7474.93  
Az 358.89° Inc 89.66°

v calc, m  
10%: l

Mr1st 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

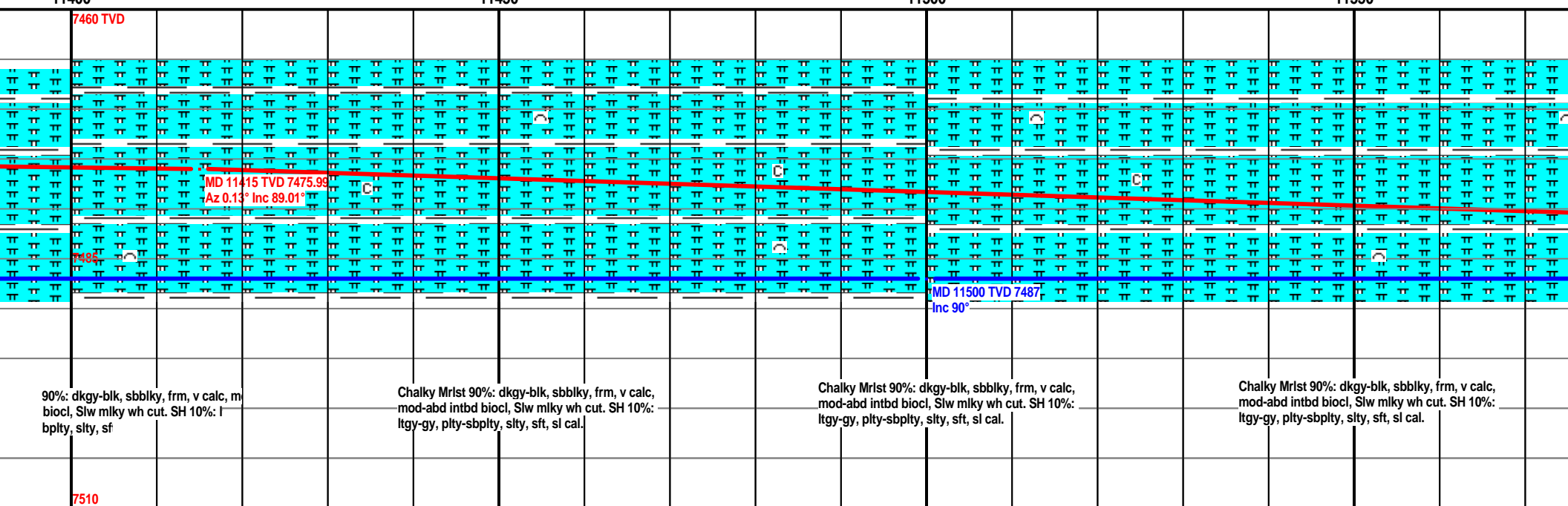
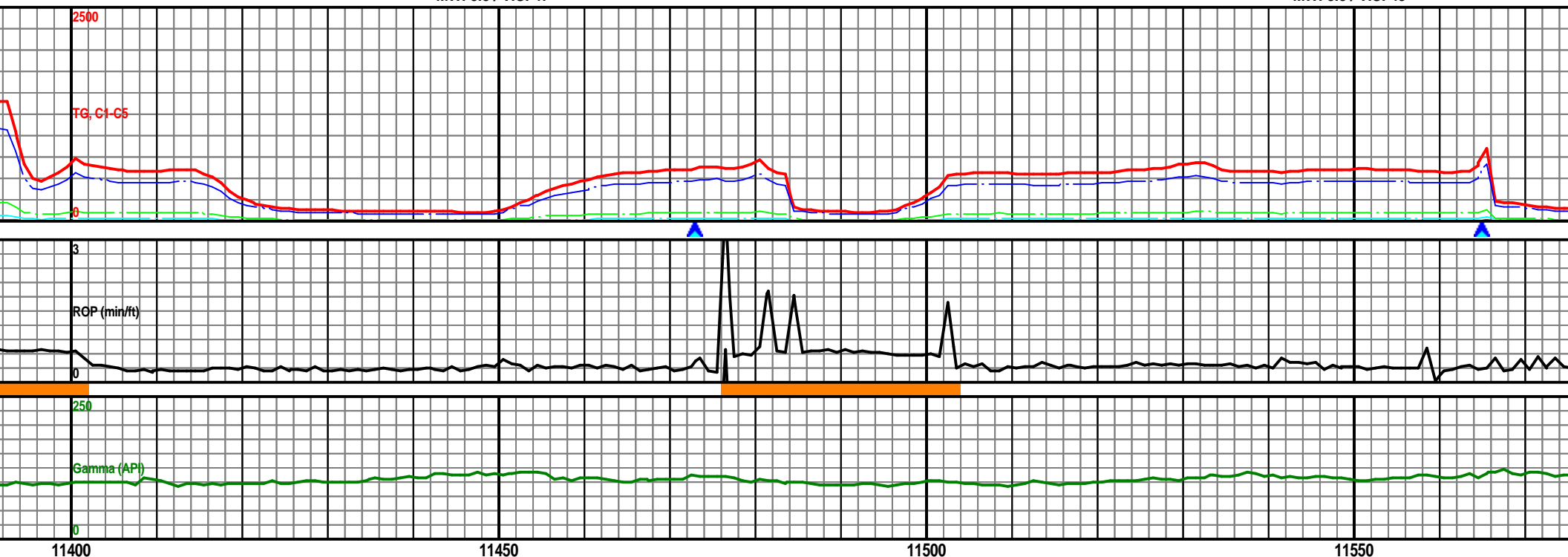
Mr1st 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mr1st 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mr1st  
intbd  
plty-s

MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 48



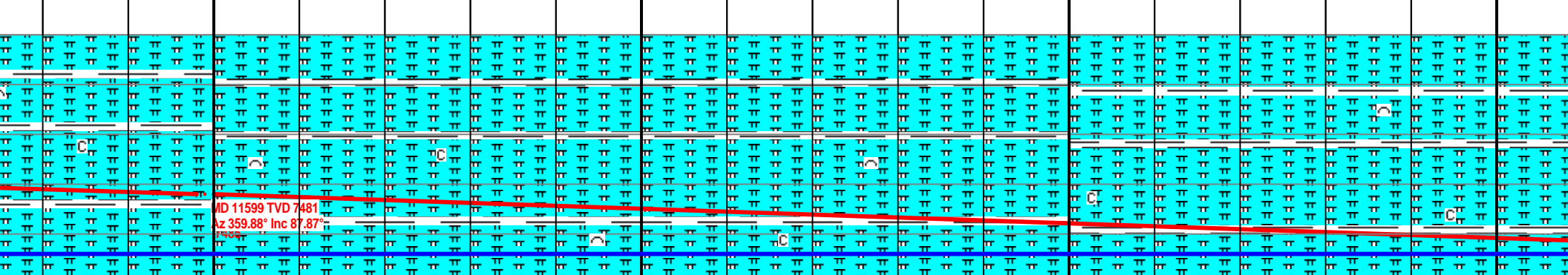


MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 48



7460 TVD



Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

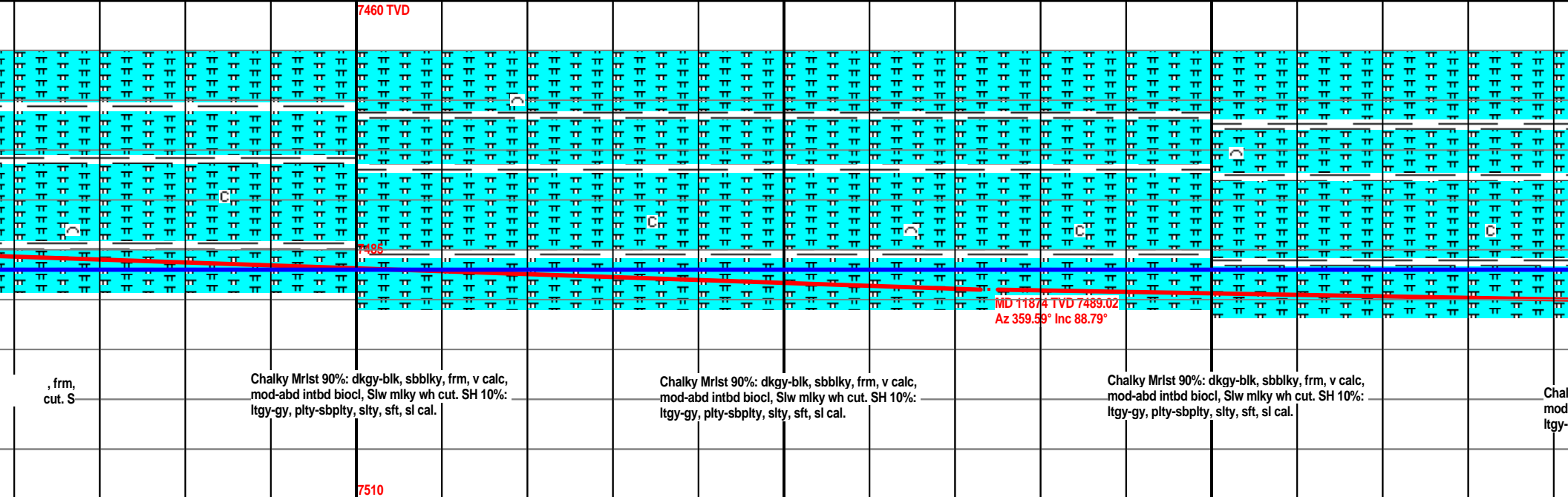
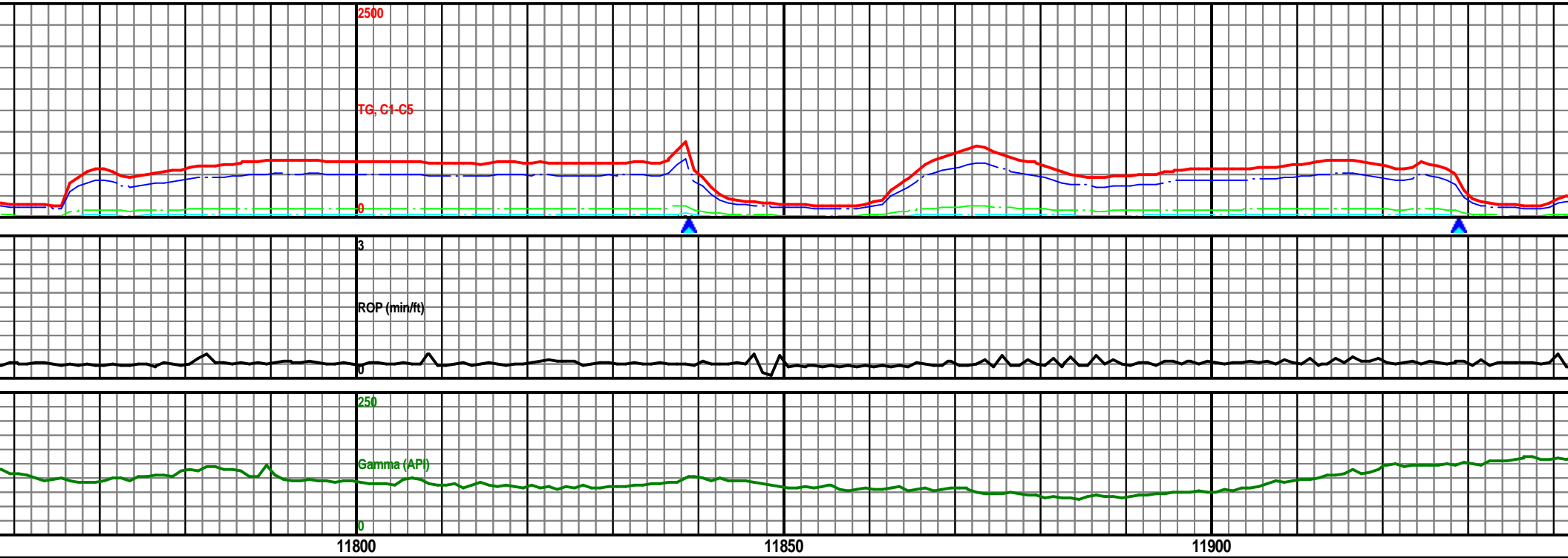
Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky,  
mod-abd intbd biocl, Slw mlky wh  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

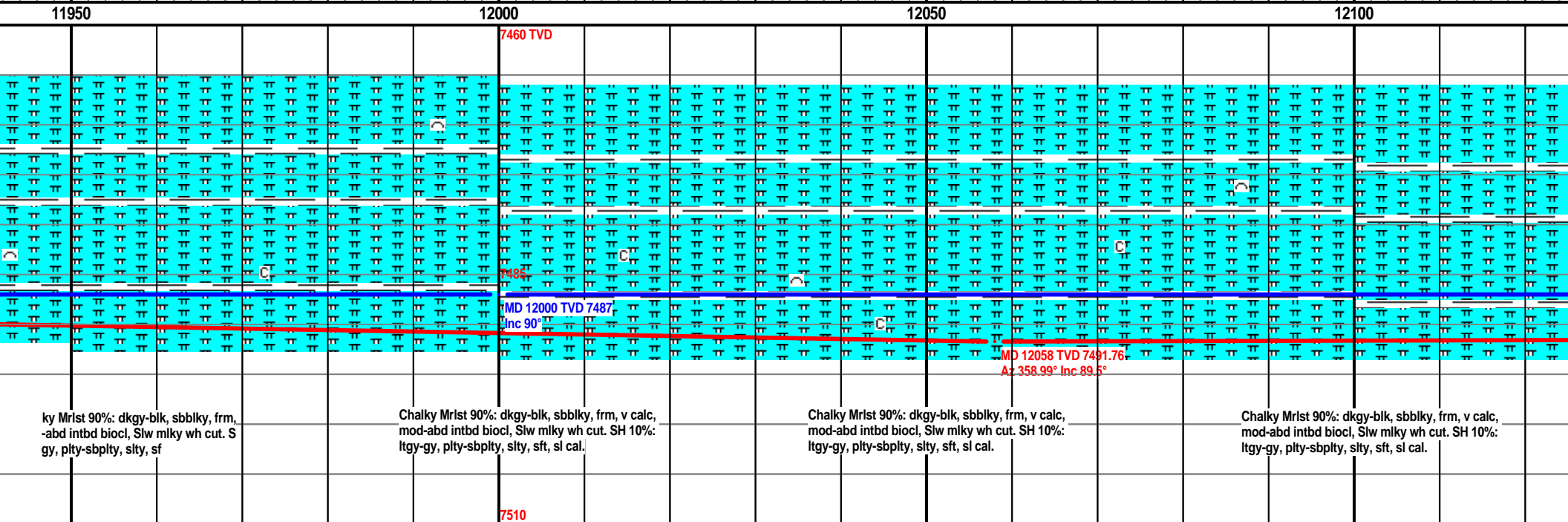
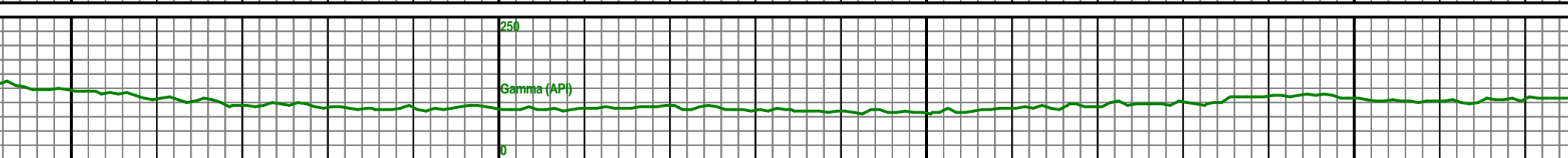
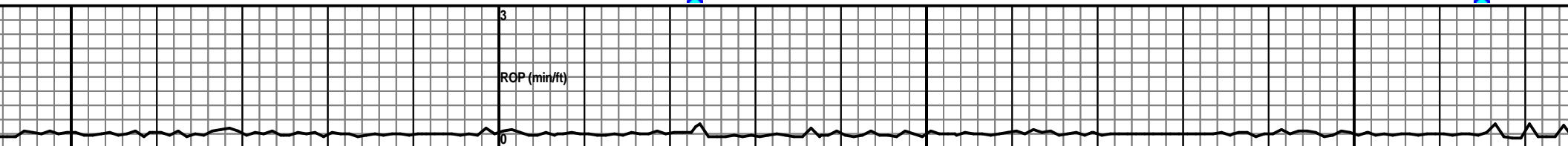
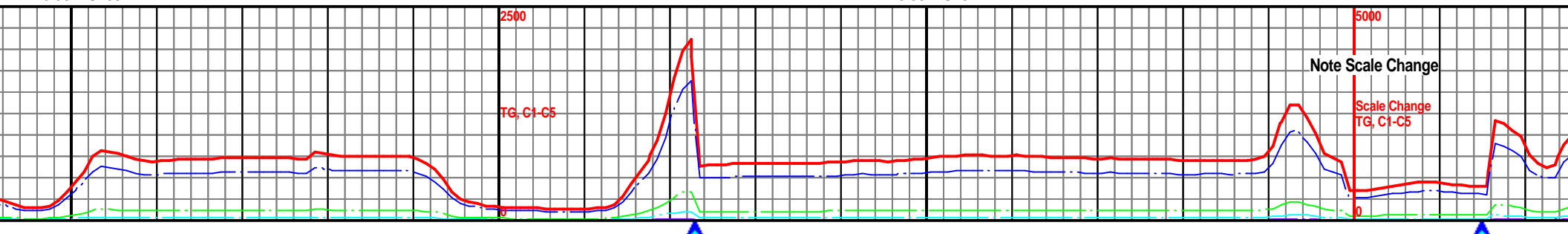
7510

MW: 8.8 / VIS: 50



MW: 8.8 / VIS: 50

MW: 8.8 / VIS: 51



MW: 8.8 / VIS: 50

MW: 8.8 / VIS: 50

5-10FT Flare

5-10FT Flare

5000

TG, C1-C5

0

3

RGP (min/ft)

0

250

Gamma (API)

0

12150

12200

12250

12300

7460 TVD

7485

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

7510

MW: 8.8 / VIS: 50

MW: 8.8 / VIS: 50

5-10FT Flare

5000

TG, C1-C5

0

RGP (mV/ft)

0

250

Gamma (API)

0

12350

12400

12450

7460 TVD

7485

MD 12321 TVD 7491.14  
Az 358.43° Inc 90.77°

y, frm,  
cut. S

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Mrlst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mrlst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mrlst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

7510

MW: 8.8 / VIS: 50

MW: 8.8 / VIS: 50

5-10FT Flare

5000

TG, C1-C5

RGP (min/ft)

250

Gamma (API)

0

12500

12550

12600

12650

7460 TVD

7488

MD 12491 TVD 7488.99  
Az 359.48° Inc 90.68°

MD 12510 TVD 7487  
Inc 90°

MD 12661 TVD 7488.0  
Az 359.07° Inc 89.96°

%: dkgy-blk, sbblky, frm, v calc, m  
iocl, Slw mlky wh cut. SH 10%: l  
plty, slty, sf

Mrlst 90%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

7510

MW: 8.8 / VIS: 50

MW: 8.8 / VIS: 48

5-10FT Flare

5000

TG, C1-C5

0

RGP (min/ft)

0

250

Gamma (API)

0

12700

12750

12800

12850

7475 TVD

Scale Change

7500

7525

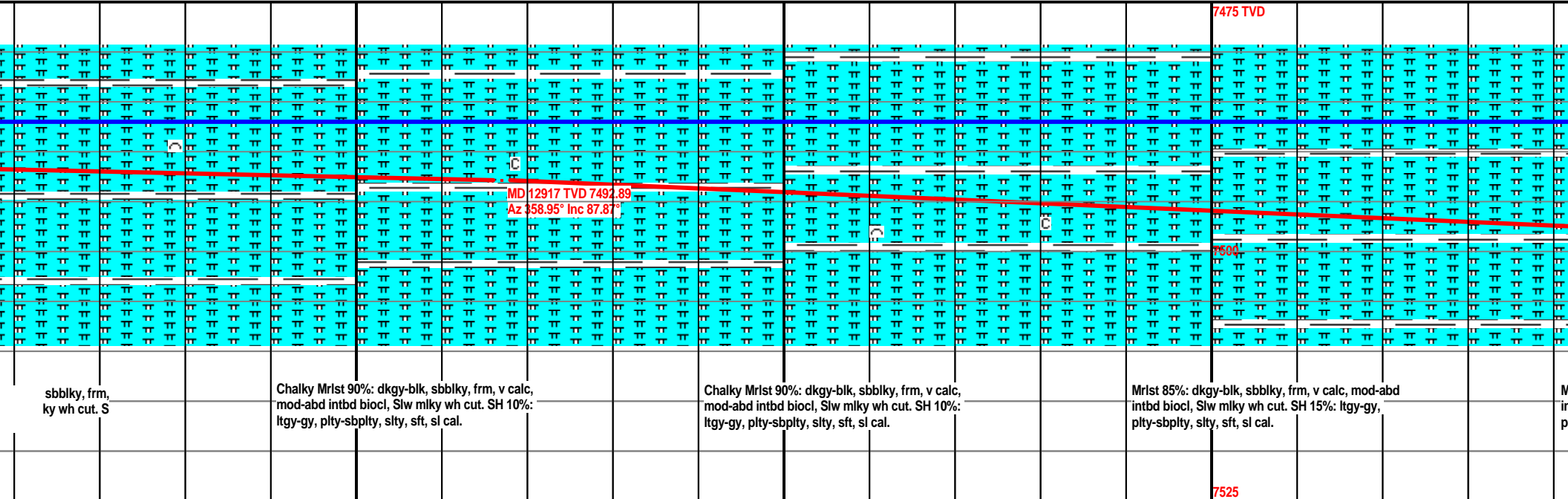
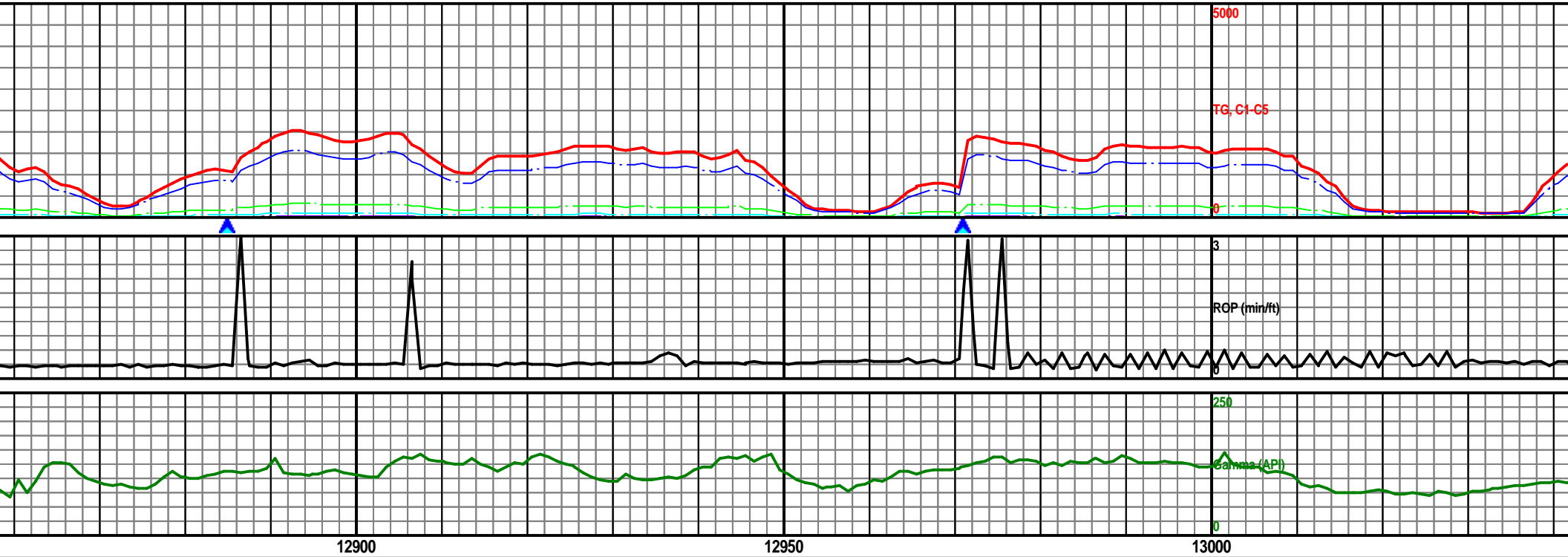
Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

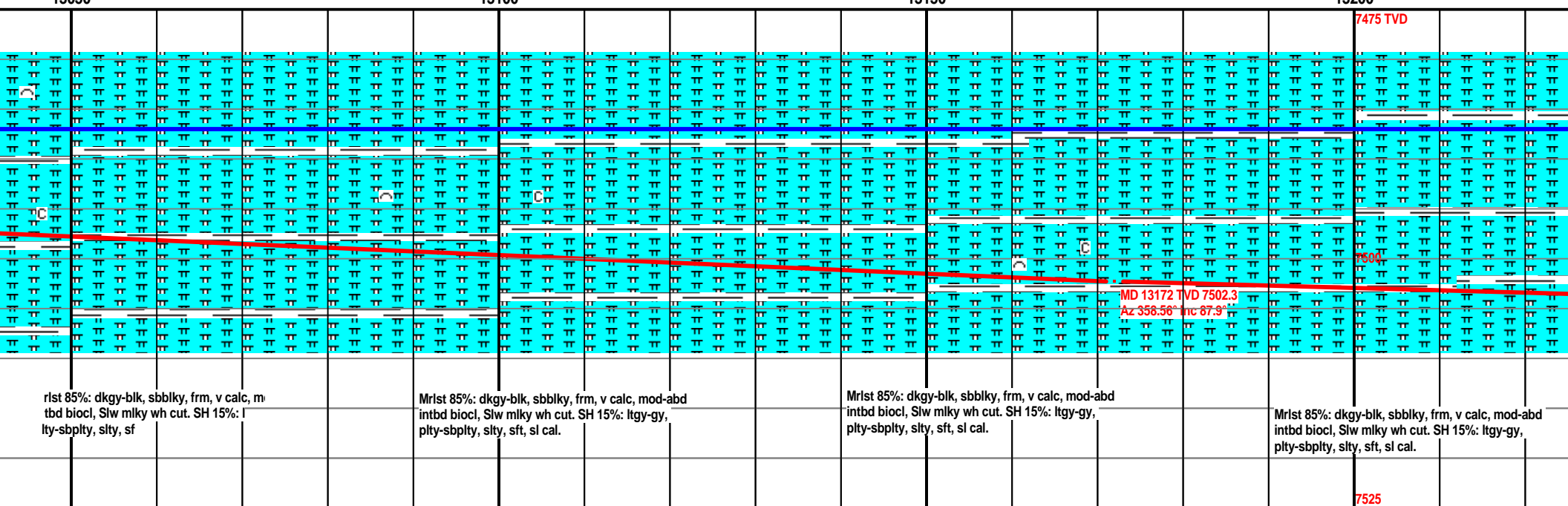
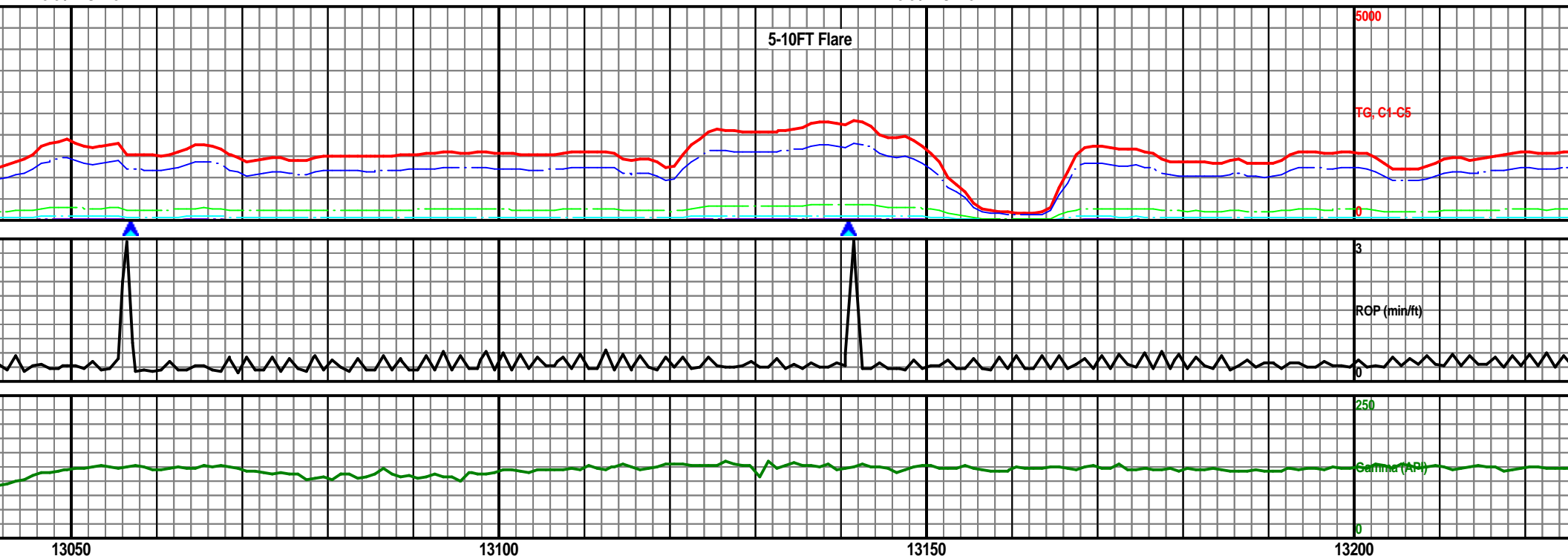
MW: 8.8 / VIS: 48





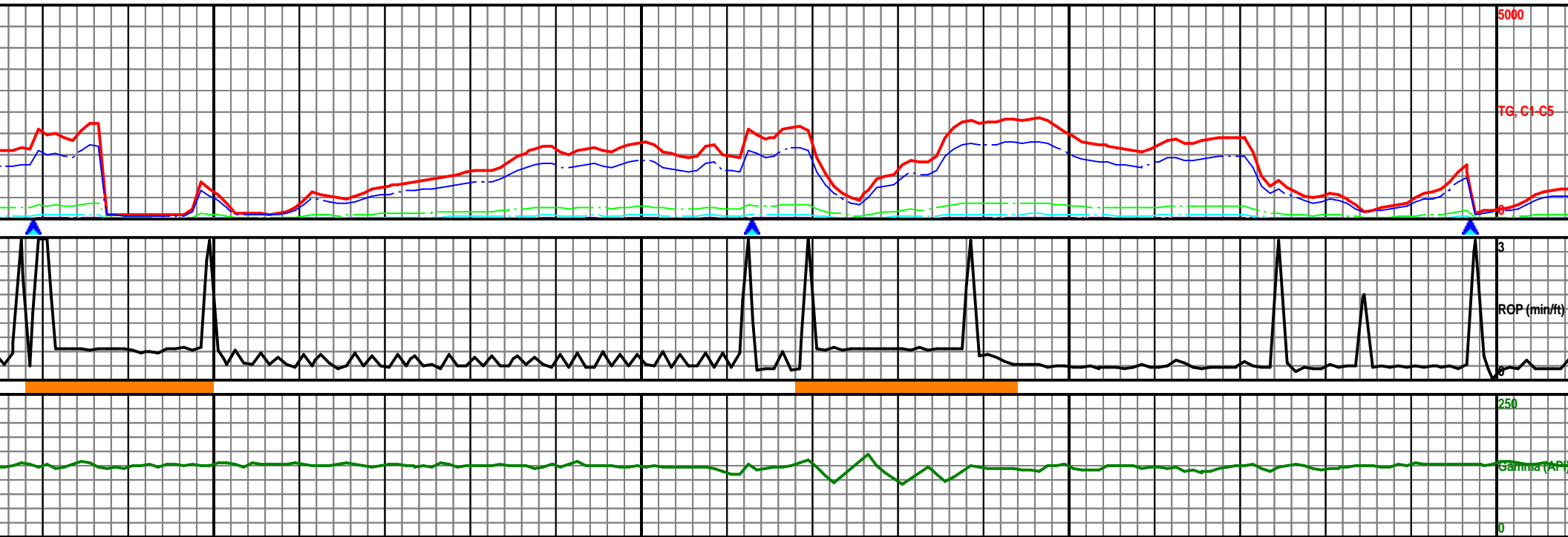
MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 48



MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 47

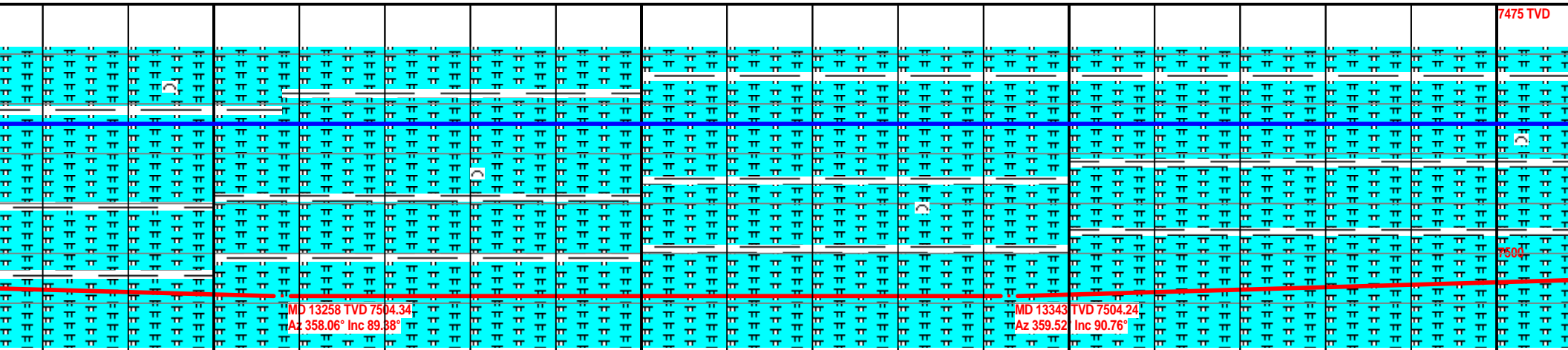


13250

13300

13350

13400



MD 13258 TVD 7504.34  
Az 358.06° Inc 89.88°

MD 13343 TVD 7504.24  
Az 359.52° Inc 90.76°

Mrist 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

Mrist 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

Mrist 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

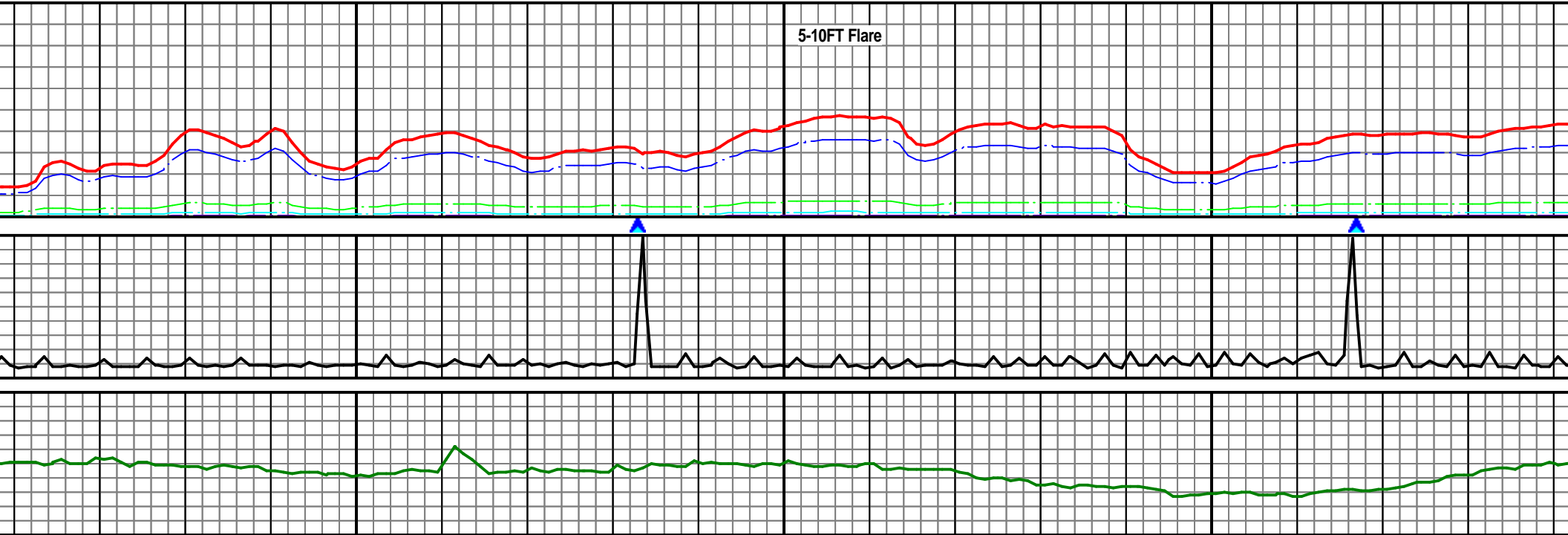
Mrist 85%: dkgy-blk, sbblky  
intbd biocl, Slw mlky wh cut  
pity-sbply, slty, sft, sl cal.

7525

MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 48

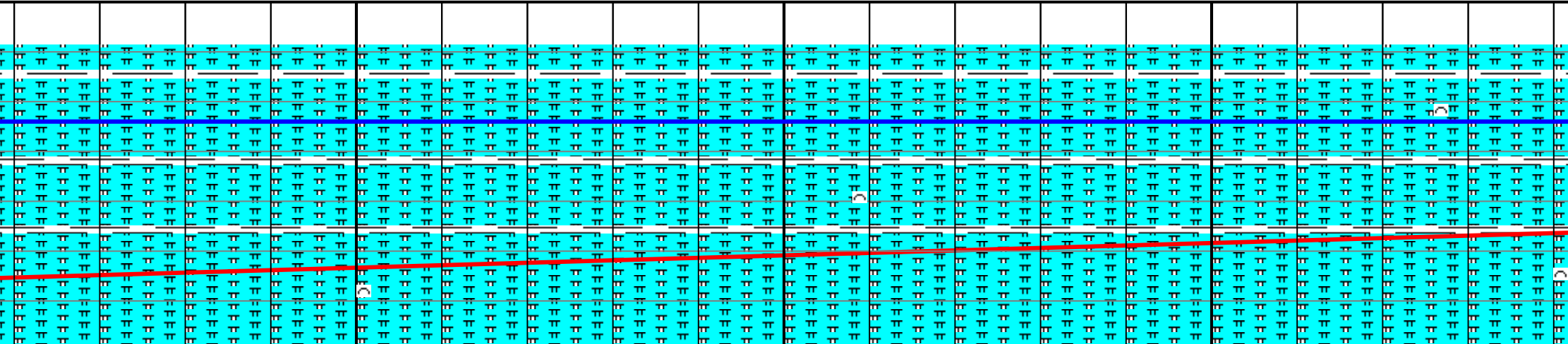
5-10FT Flare



13450

13500

13550



, frm, v calc, m  
. SH 15%: l

Mrist 85%: dkggy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

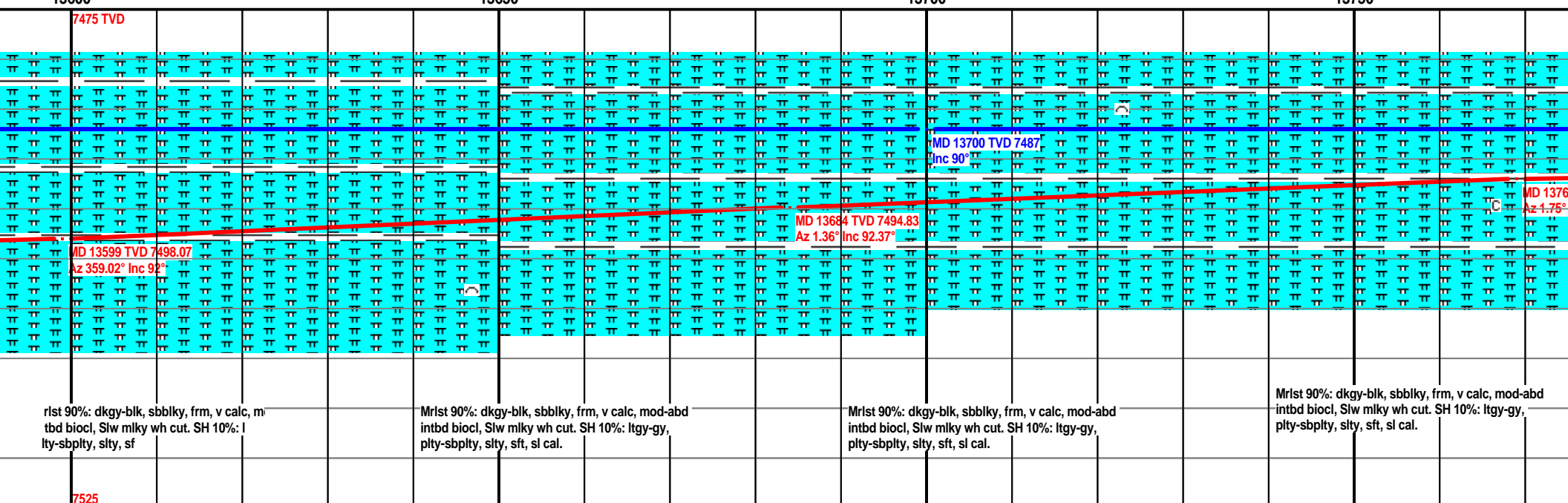
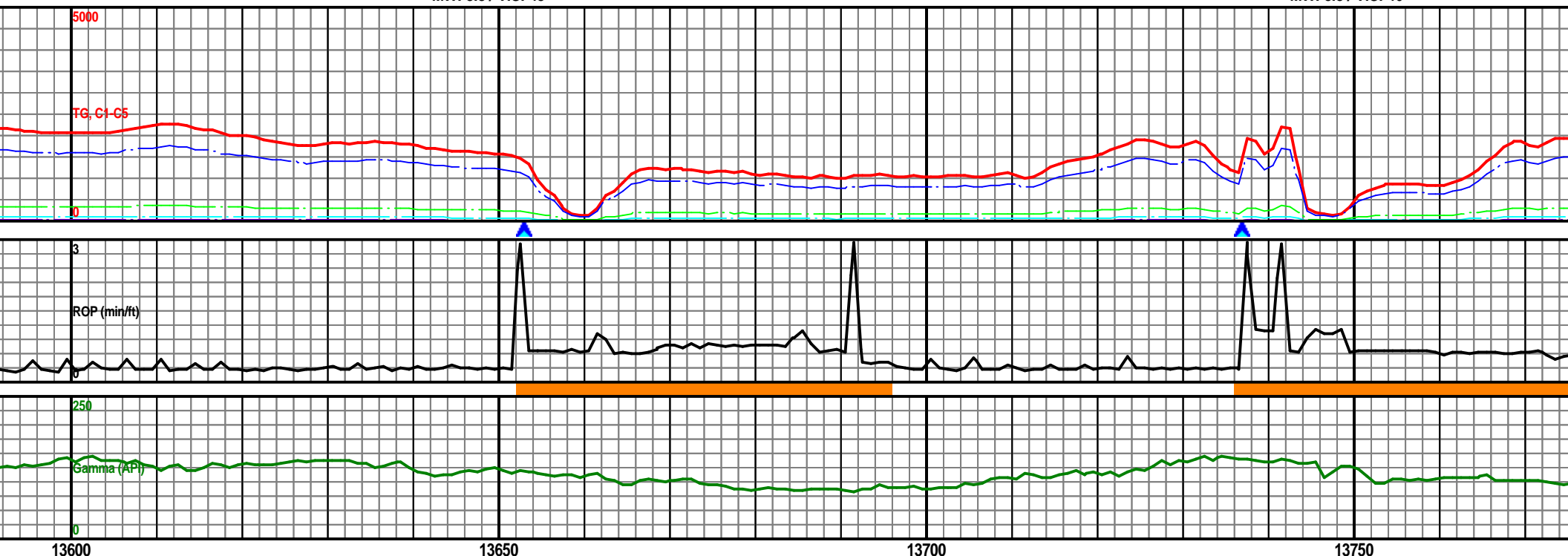
Mrist 85%: dkggy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

Mrist 90%: dkggy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy,  
pity-sbply, slty, sft, sl cal.

M  
ir  
p

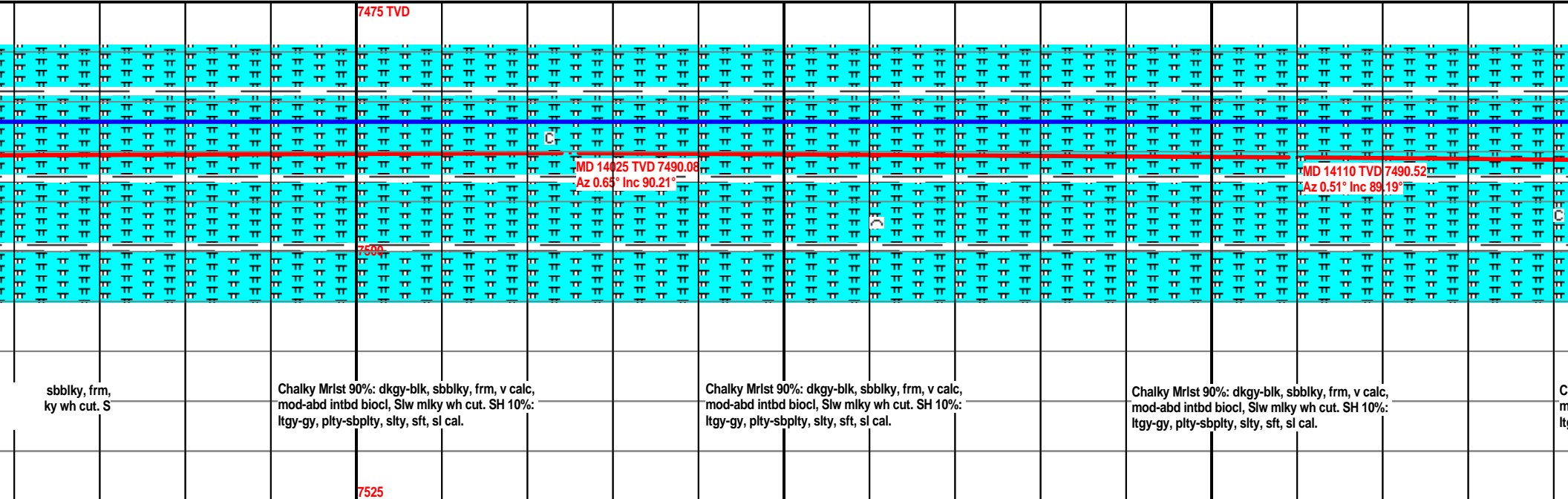
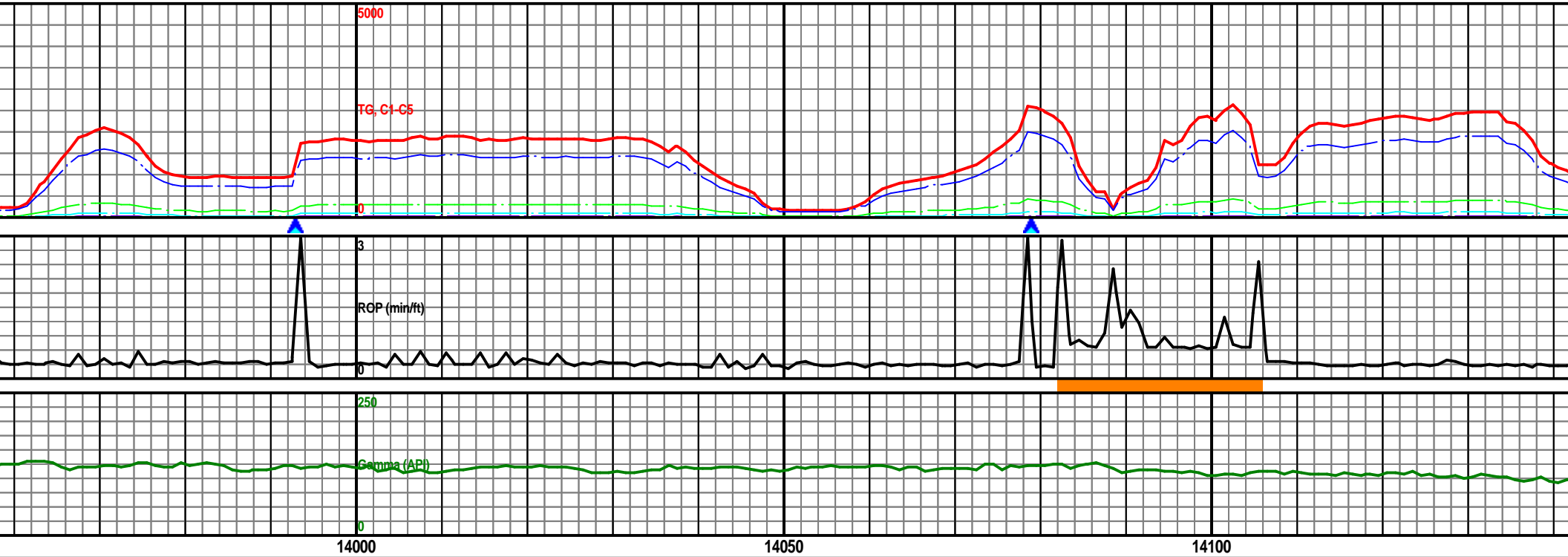
MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 46



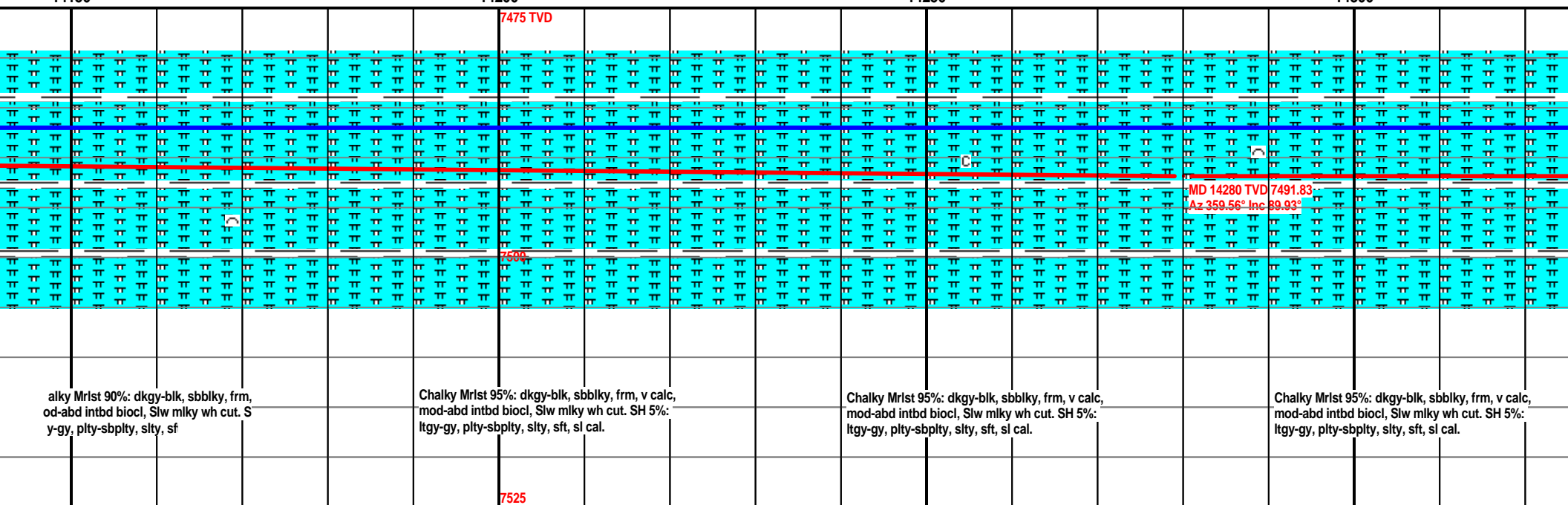
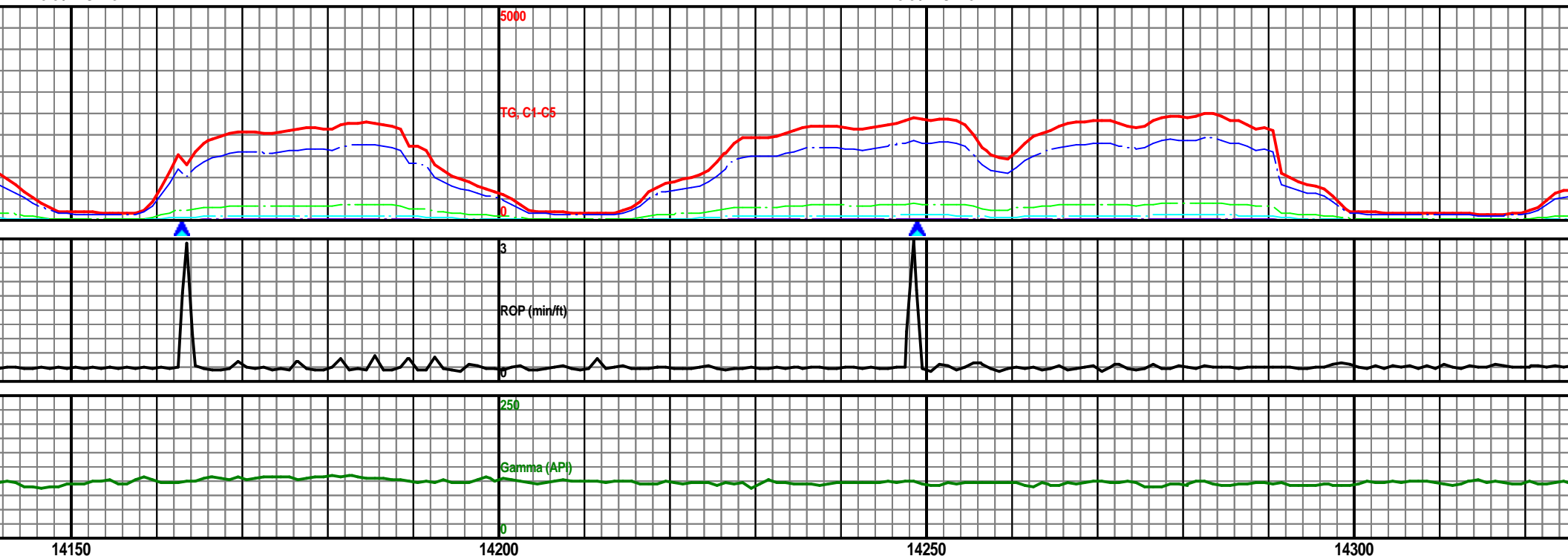


MW: 8.8 / VIS: 48



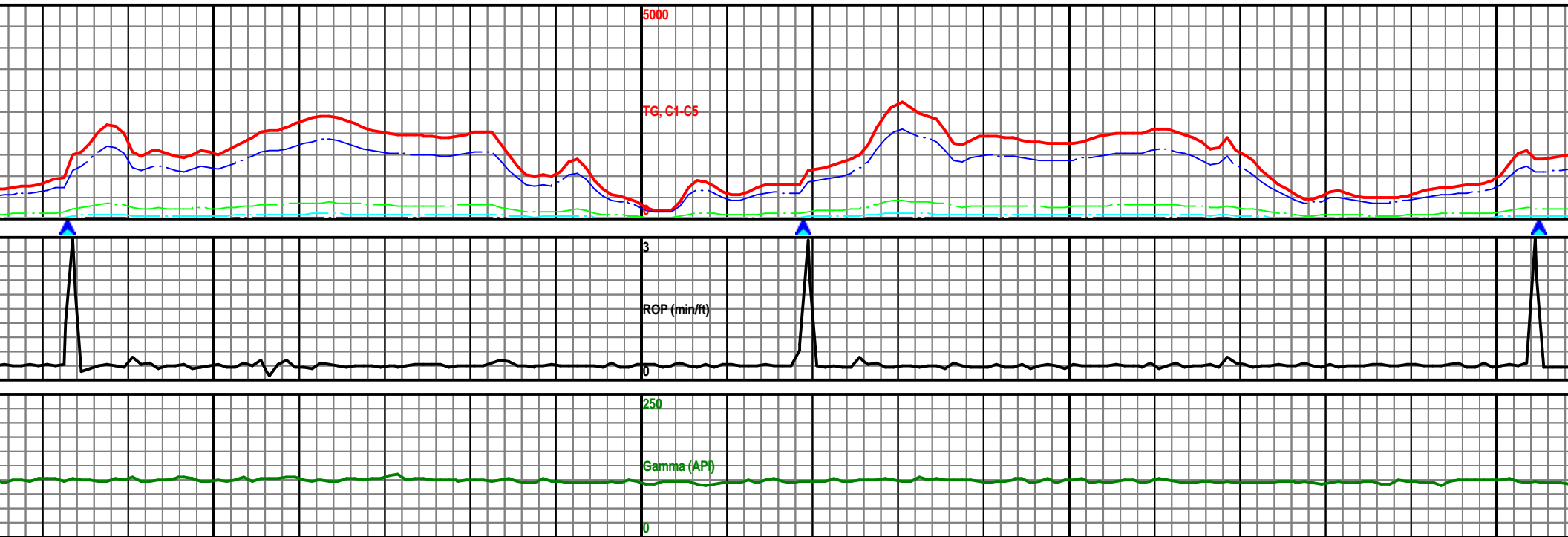
MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 48



MW: 8.8 / VIS: 46

MW: 8.8 / VIS: 47

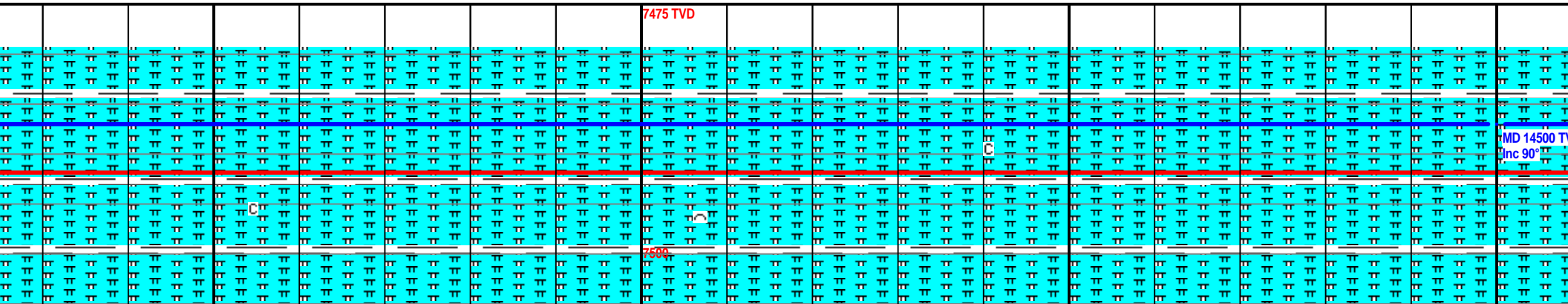


14350

14400

14450

14500



Chalky Mrlst 95%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 95%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 95%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

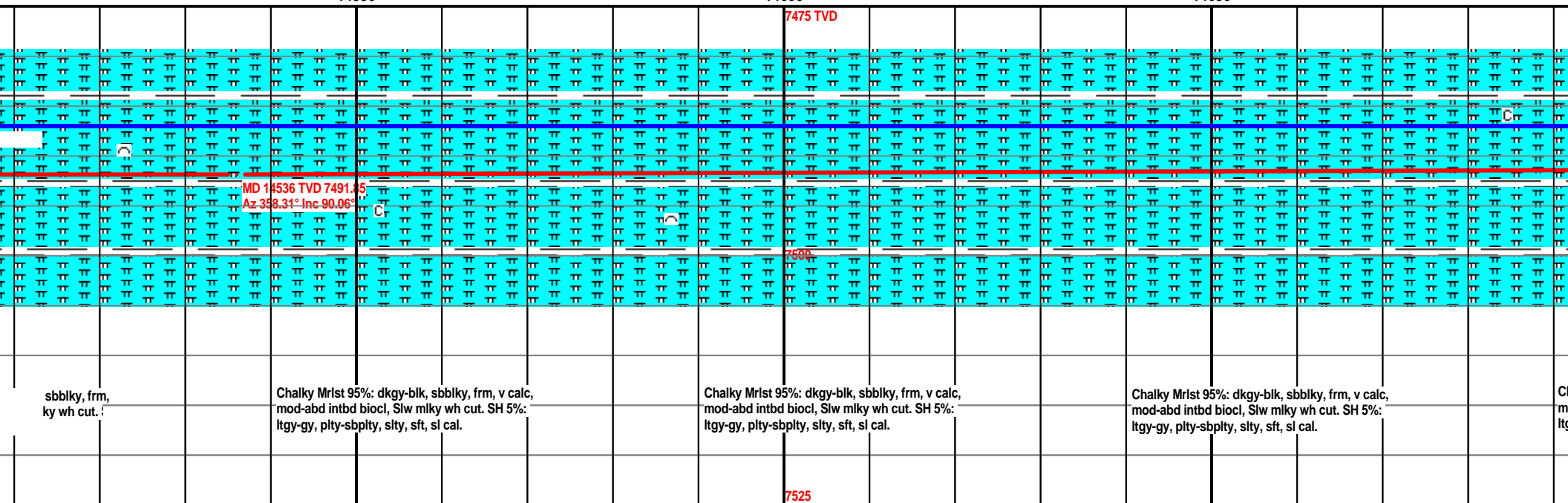
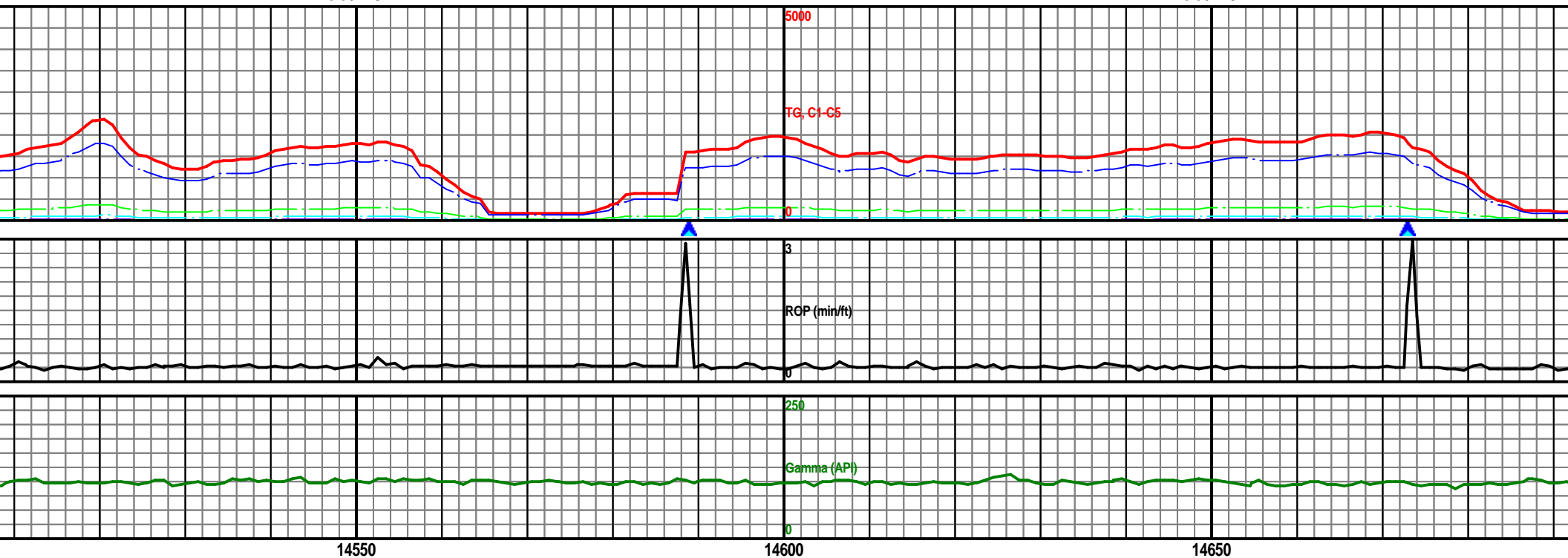
Chalky Mrlst 95%: dkgy-blk,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

7525



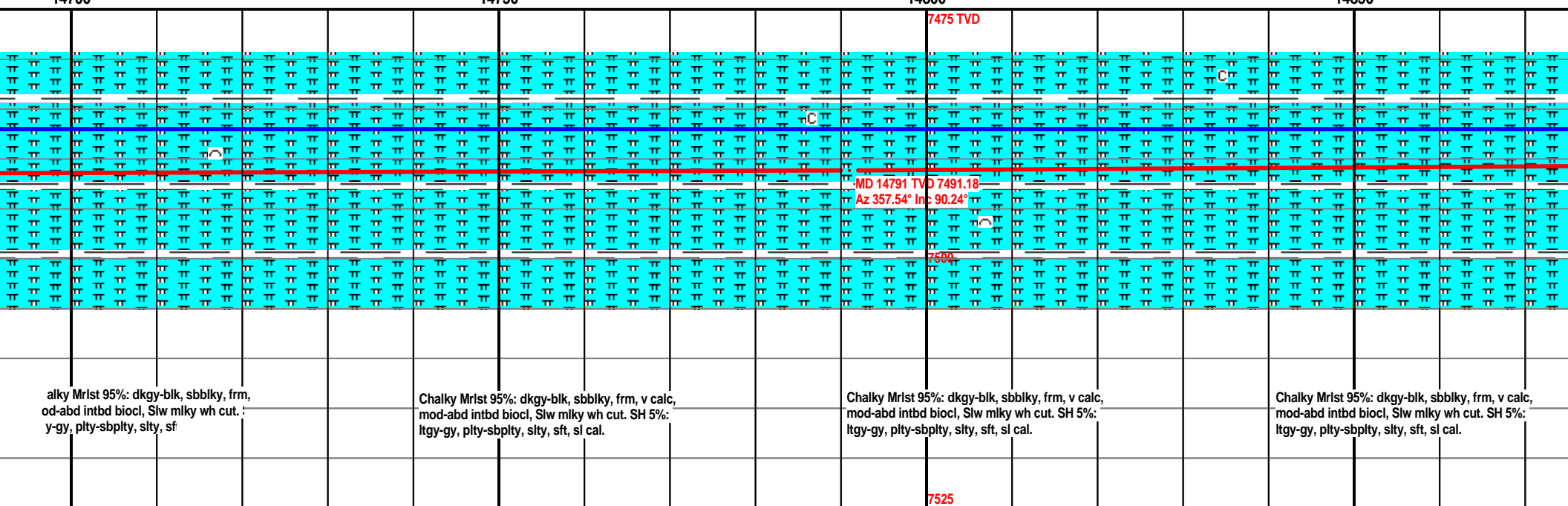
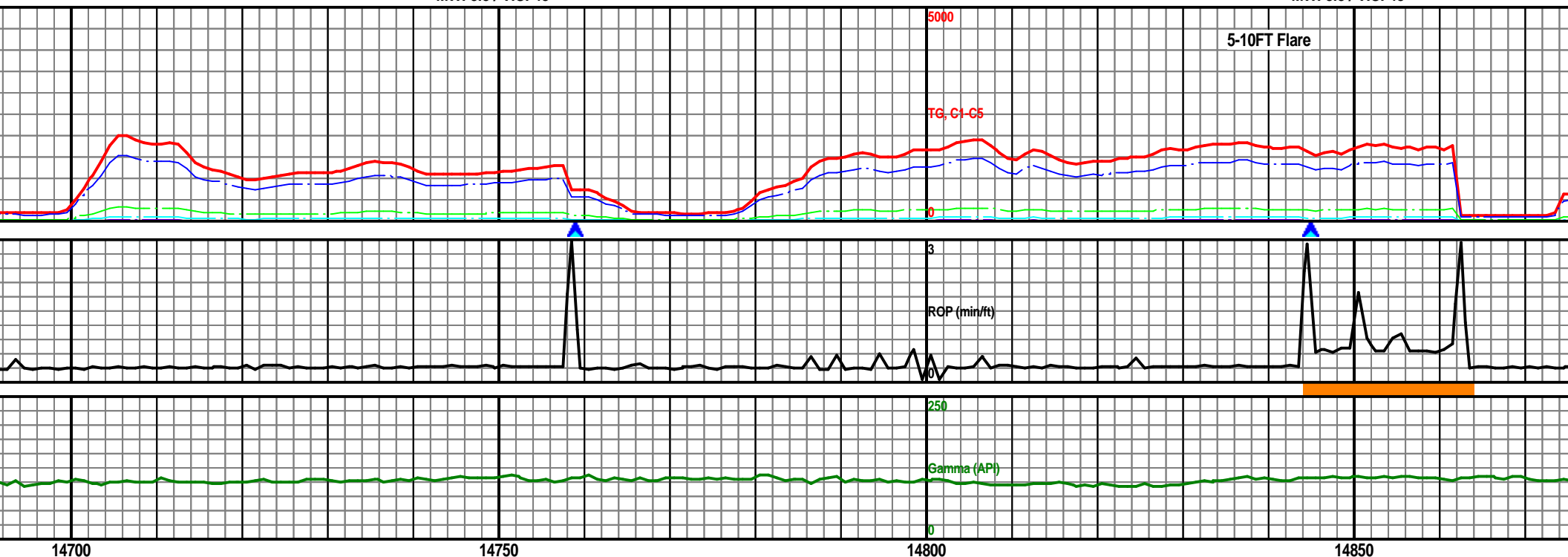
MW: 8.8 / VIS: 47

MW: 8.8 / VIS: 47

sbbly, frm,  
ky wh cut. :Chalky Mrlst 95%: dkgy-blk, sbbly, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbply, slty, sft, sl cal.Chalky Mrlst 95%: dkgy-blk, sbbly, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbply, slty, sft, sl cal.Chalky Mrlst 95%: dkgy-blk, sbbly, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 5%:  
ltgy-gy, plty-sbply, slty, sft, sl cal.Cl  
m  
ltg

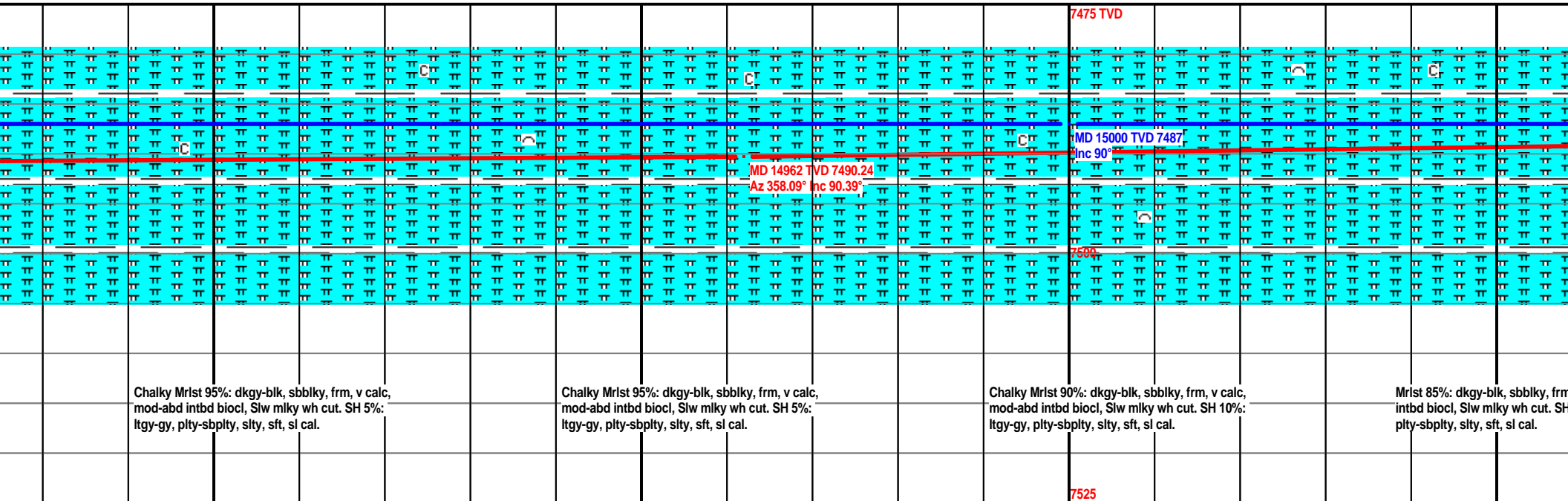
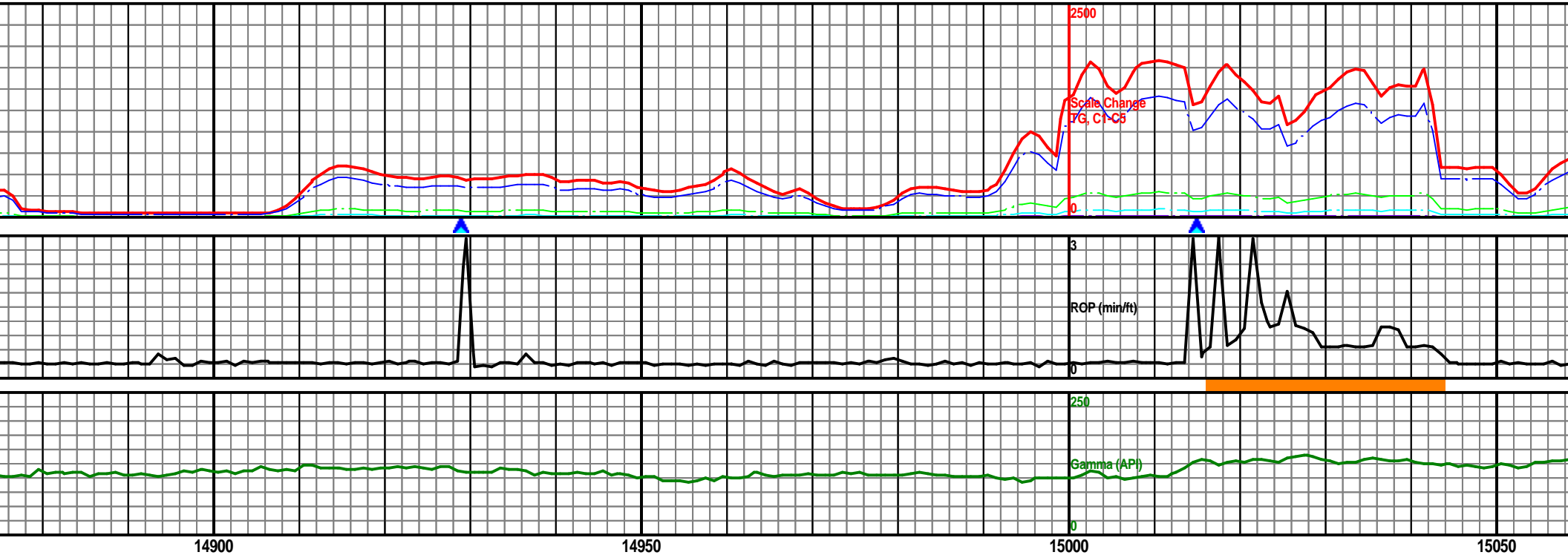
MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 48

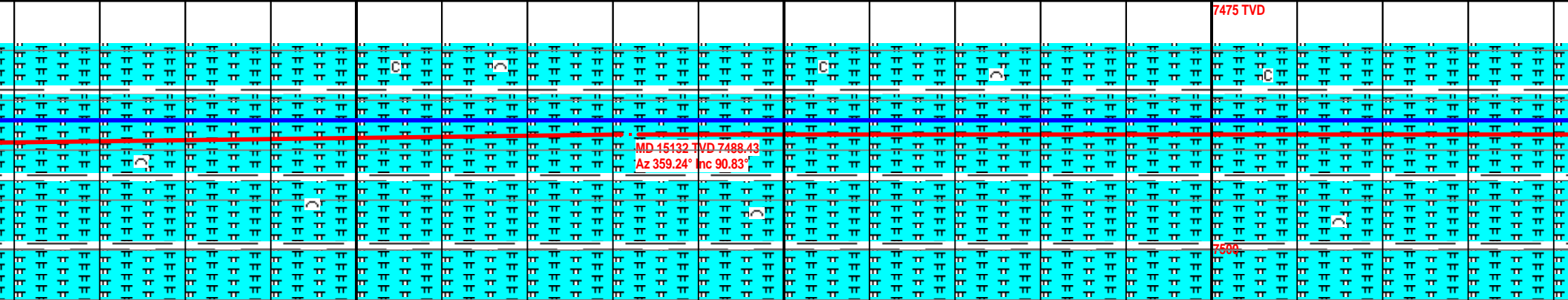
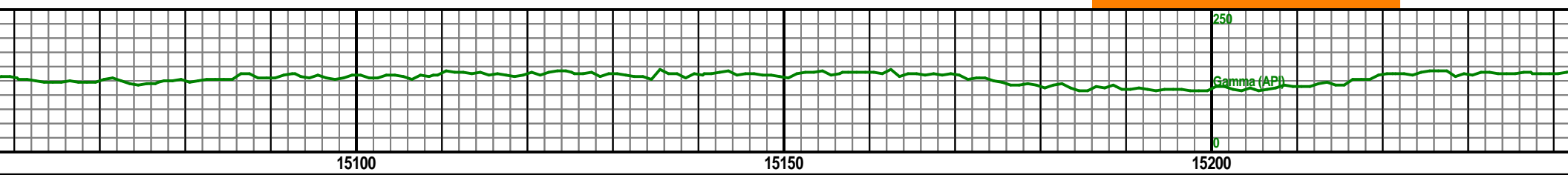
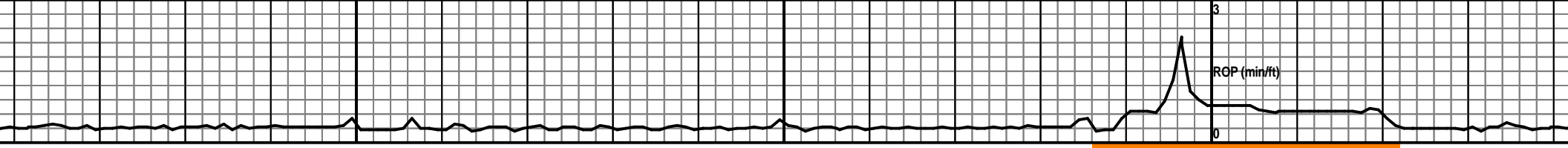
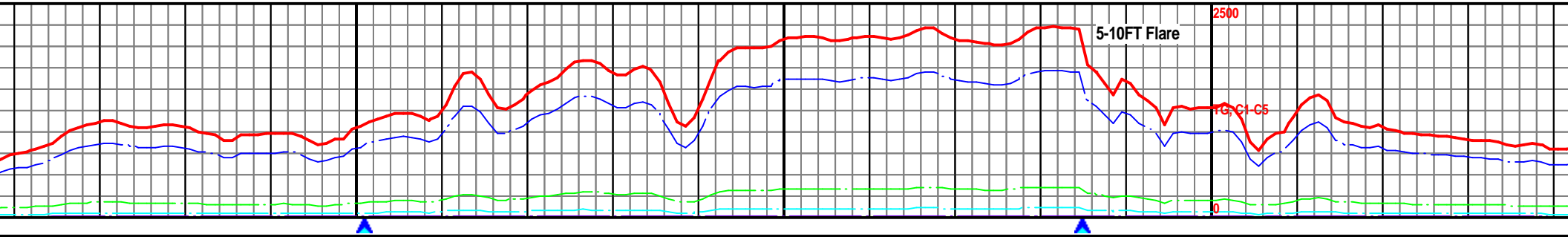


MW: 8.8 / VIS: 48

MW: 8.8 / VIS: 46



MW: 8.9 / VIS: 46



, v calc, m  
15%: I

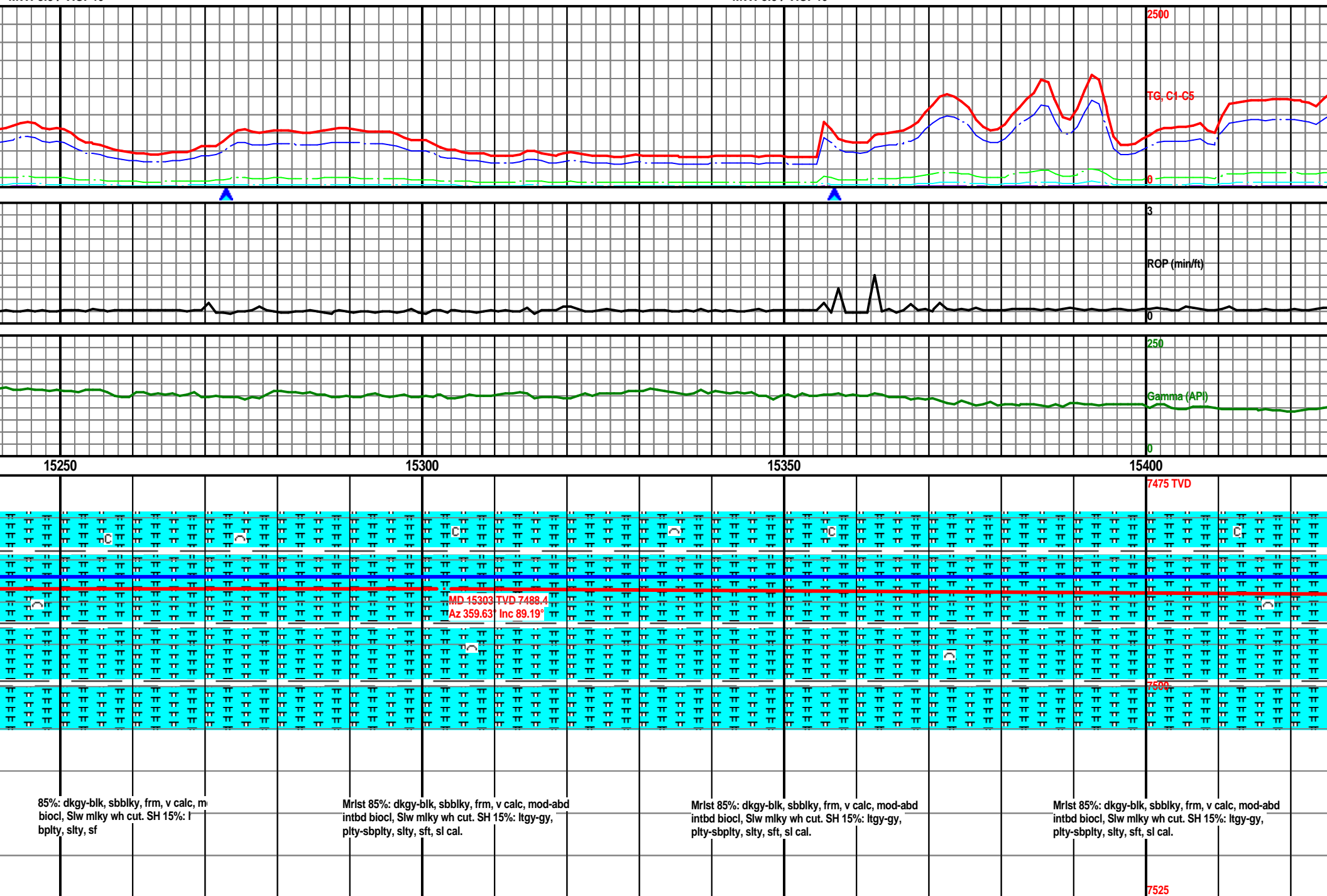
Mrist 85%: dkgy-blk, sbbiky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pty-sbpty, slty, sft, sl cal.

Mrist 85%: dkgy-blk, sbbiky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pty-sbpty, slty, sft, sl cal.

Mrist 85%: dkgy-blk, sbbiky, frm, v calc, mod-abd  
intbd biocl, Slw mlky wh cut. SH 15%: ltgy-gy,  
pty-sbpty, slty, sft, sl cal.

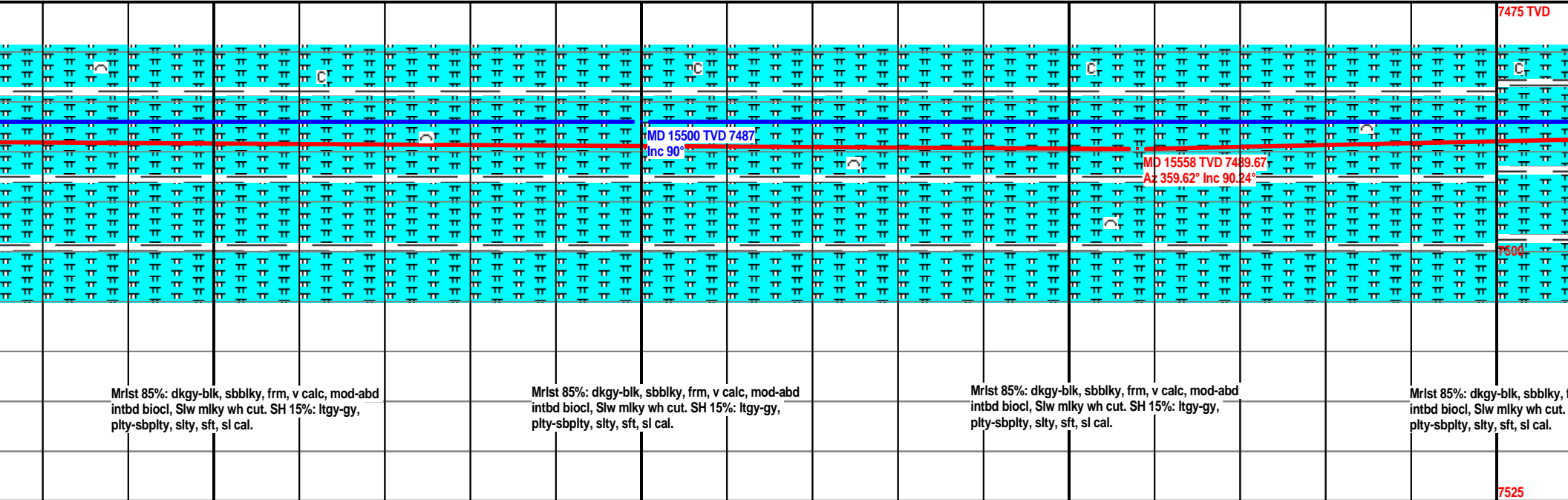
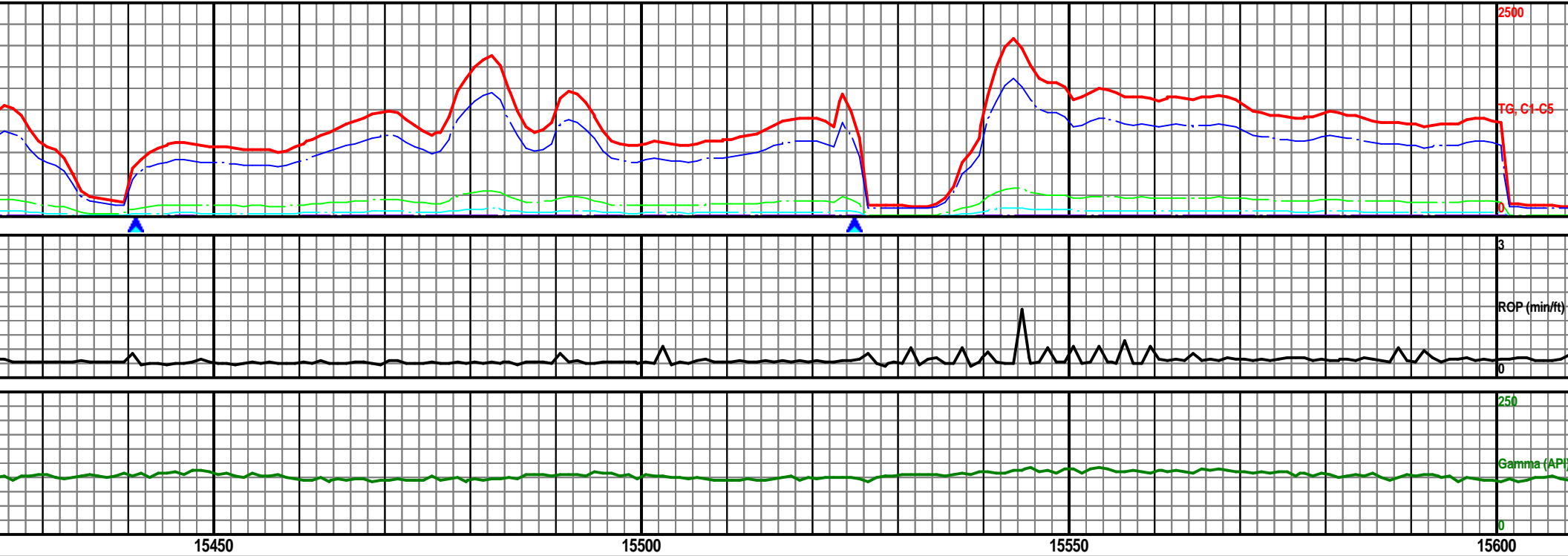
Mrist  
intbd  
pty-s

MW: 8.9 / VIS: 46



MW: 8.9 / VIS: 46

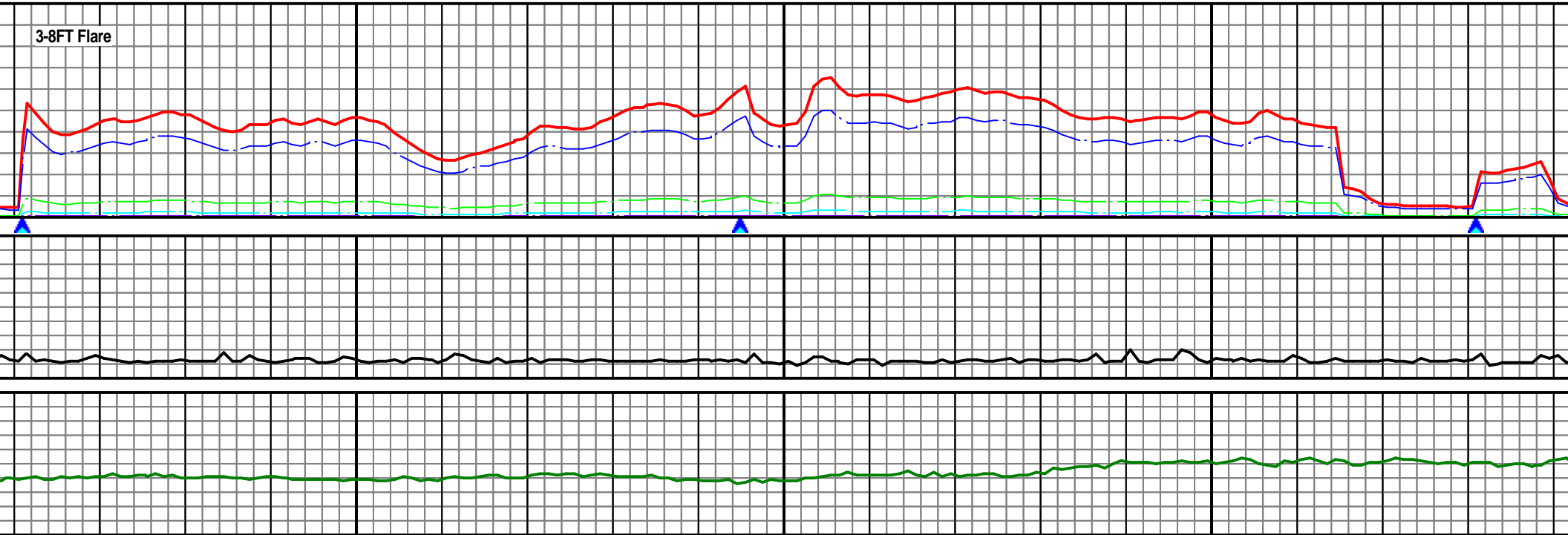
MW: 8.9 / VIS: 47



MW: 8.9 / VIS: 47

MW: 8.9 / VIS: 47

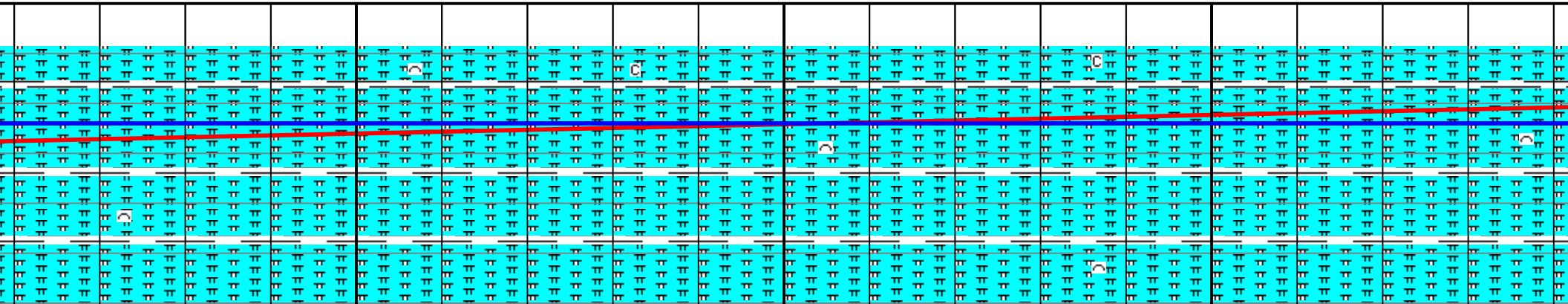
3-8FT Flare



15650

15700

15750



rm, v calc, m  
SH 15%: l

Mrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

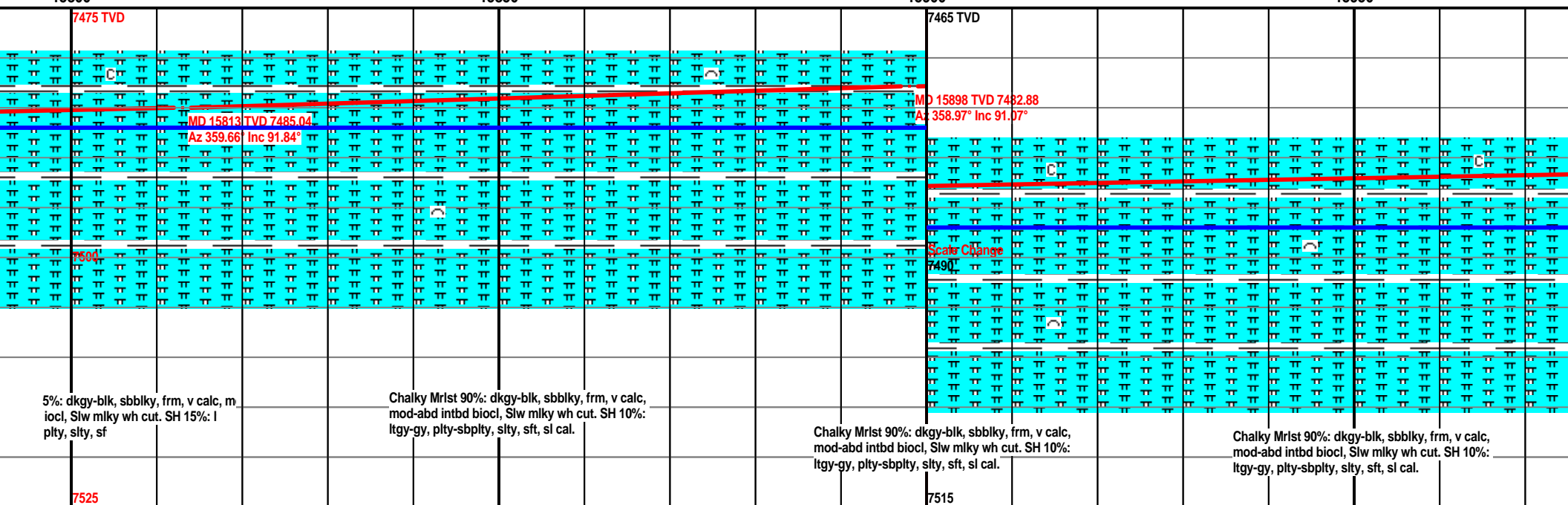
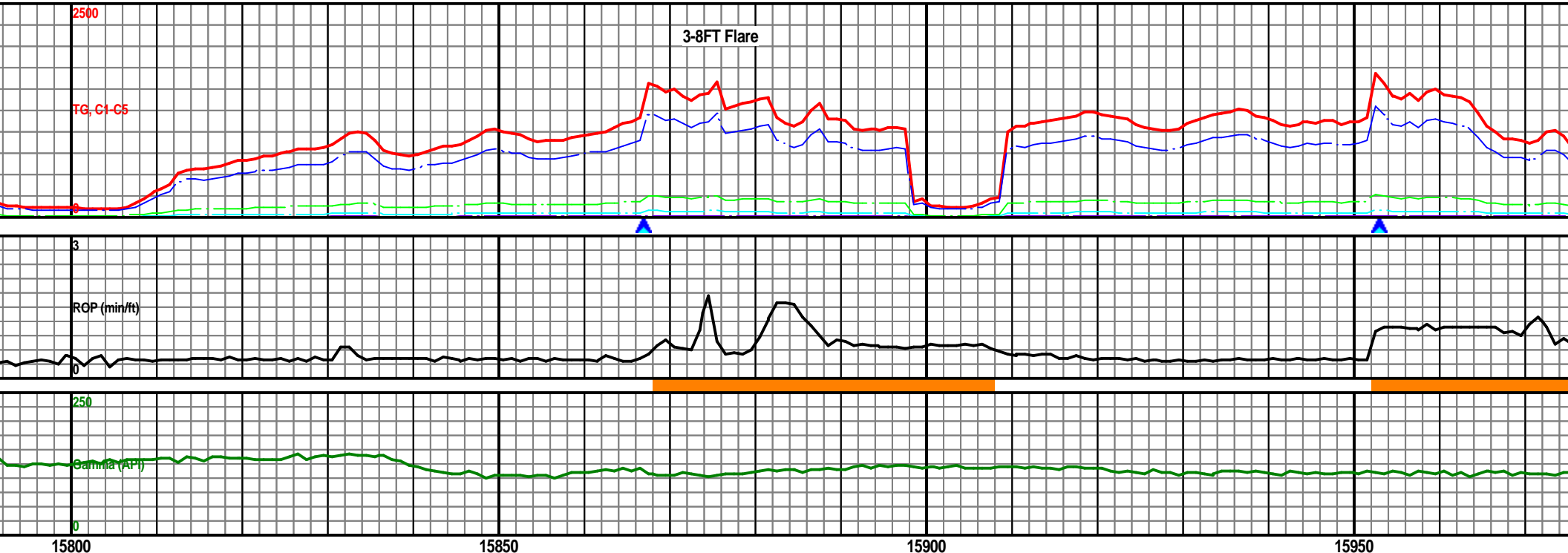
Mrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mrlst 85%: dkgy-blk, sbblky, frm, v calc, mod-abd  
intbd biocl, slw mlky wh cut. SH 15%: ltgy-gy,  
plty-sbplty, slty, sft, sl cal.

Mrlst 8  
intbd b  
plty-sb

MW: 8.9 / VIS: 47

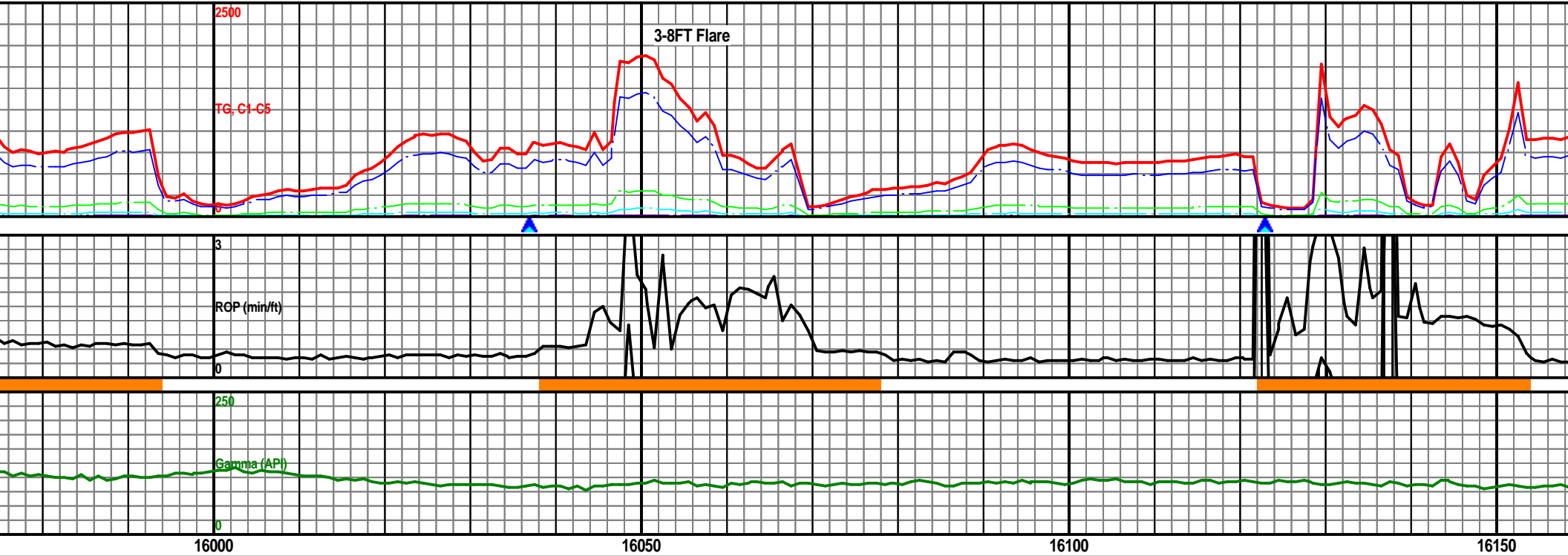
MW: 8.9 / VIS: 47



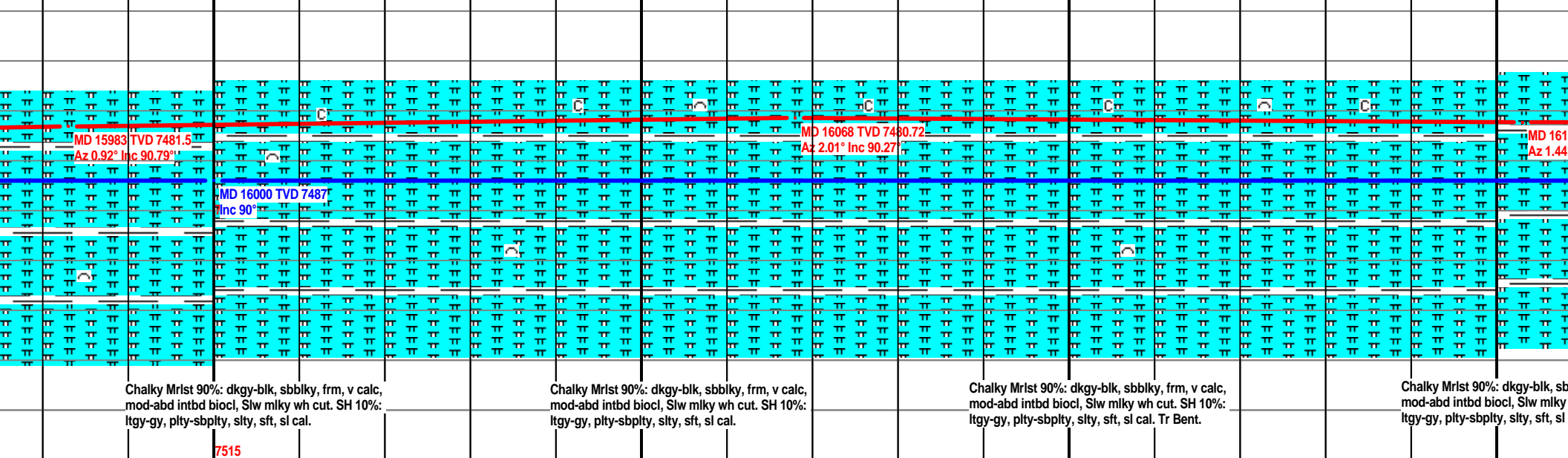


MW: 8.9 / VIS: 47

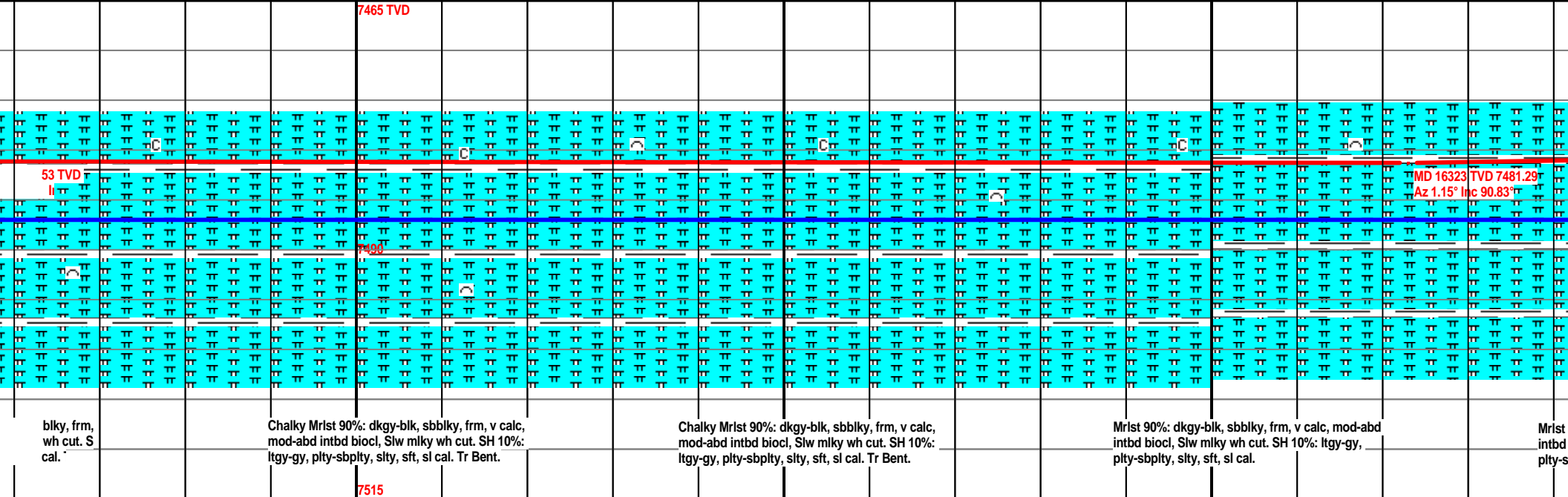
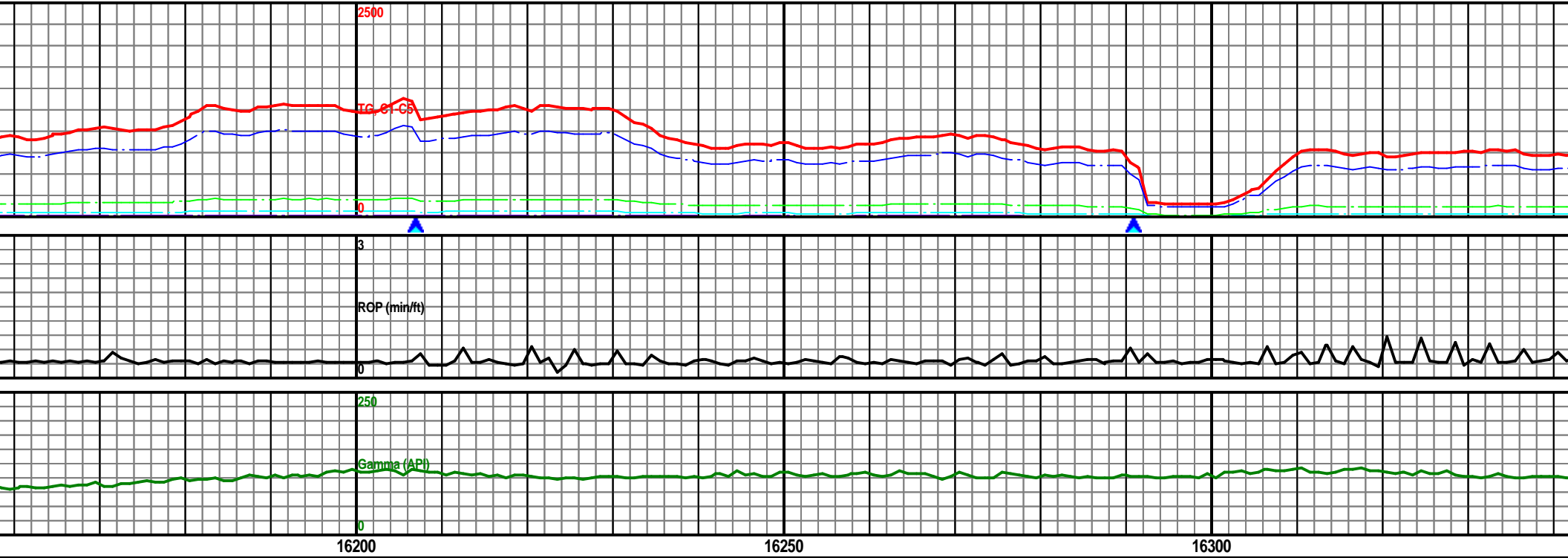
MW: 8.9 / VIS: 47



03/11/14 4:00am Depth @ 16093'MD

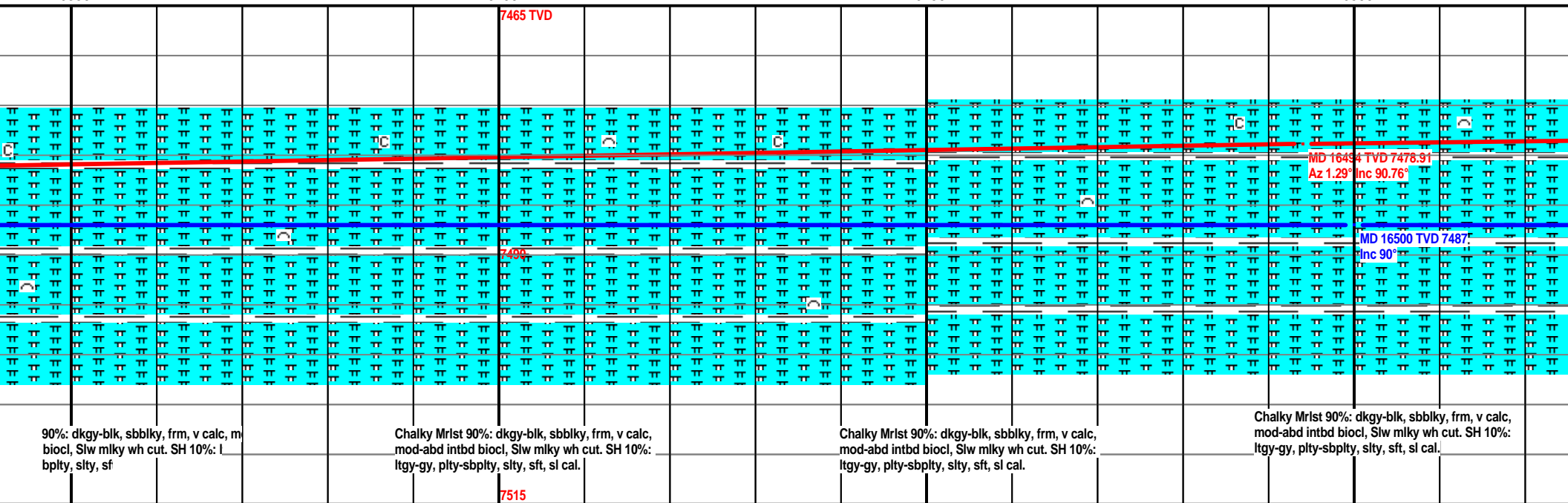
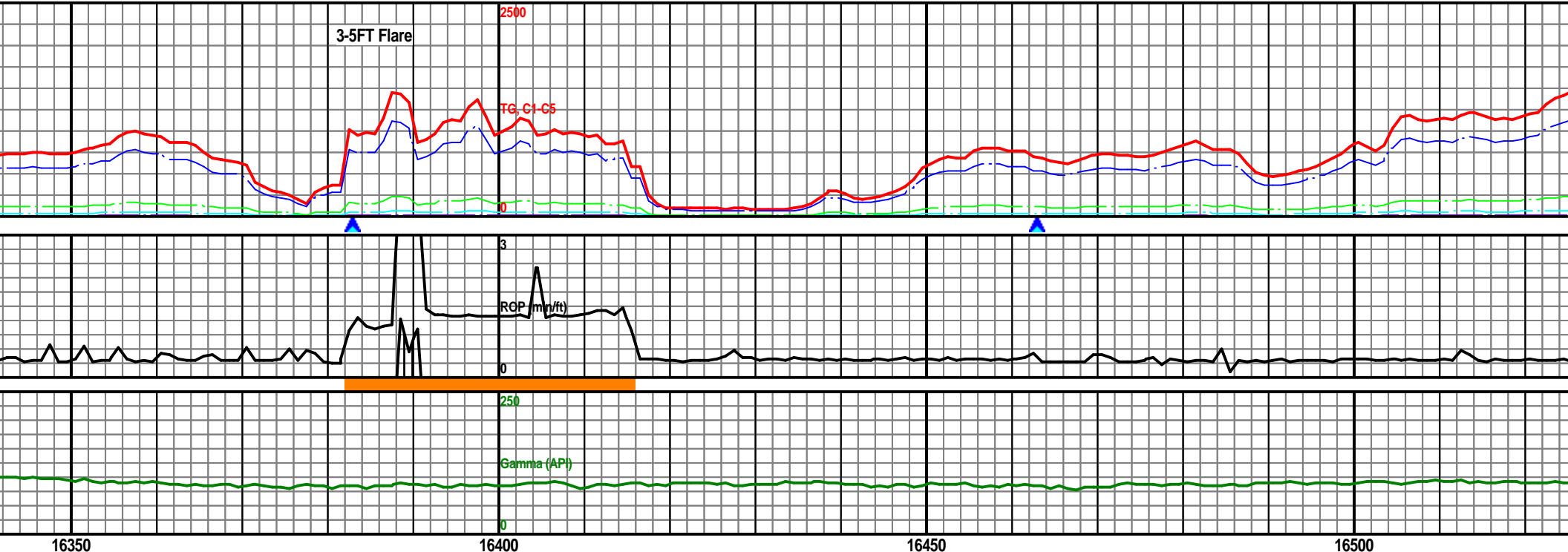


MW: 8.9 / VIS: 47



MW: 8.9 / VIS: 48

MW: 8.9 / VIS: 47



90%: dkgy-blk, sbbly, frm, v calc, m biocl, Slw mlky wh cut. SH 10%: l bply, sity, sf

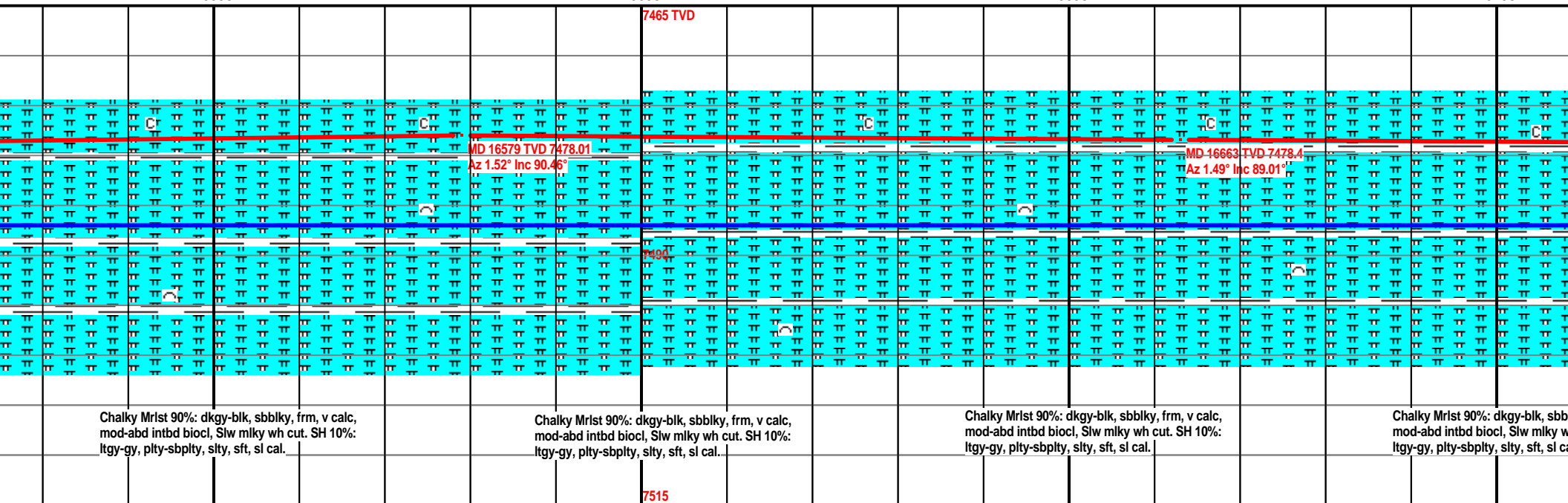
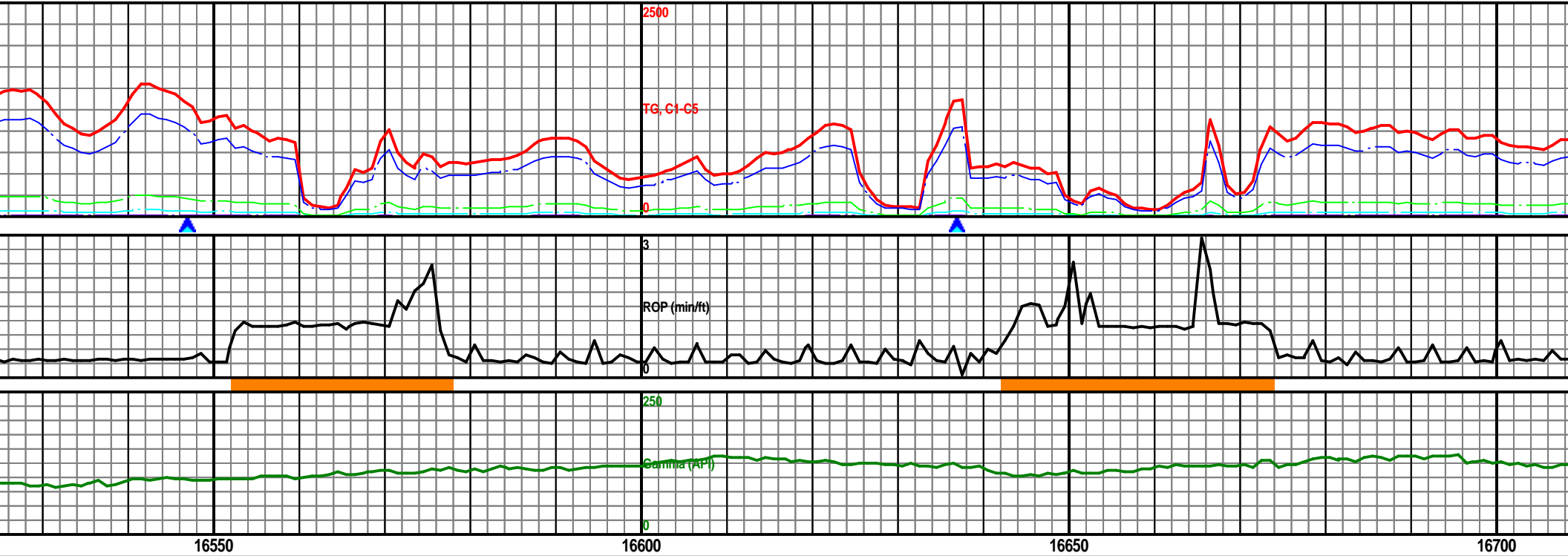
Chalky Mrst 90%: dkgy-blk, sbbly, frm, v calc, mod-abd intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy, pty-sbply, sity, sft, sl cal.

Chalky Mrst 90%: dkgy-blk, sbbly, frm, v calc, mod-abd intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy, pty-sbply, sity, sft, sl cal.

Chalky Mrst 90%: dkgy-blk, sbbly, frm, v calc, mod-abd intbd biocl, Slw mlky wh cut. SH 10%: ltgy-gy, pty-sbply, sity, sft, sl cal.

MW: 8.9 / VIS: 47

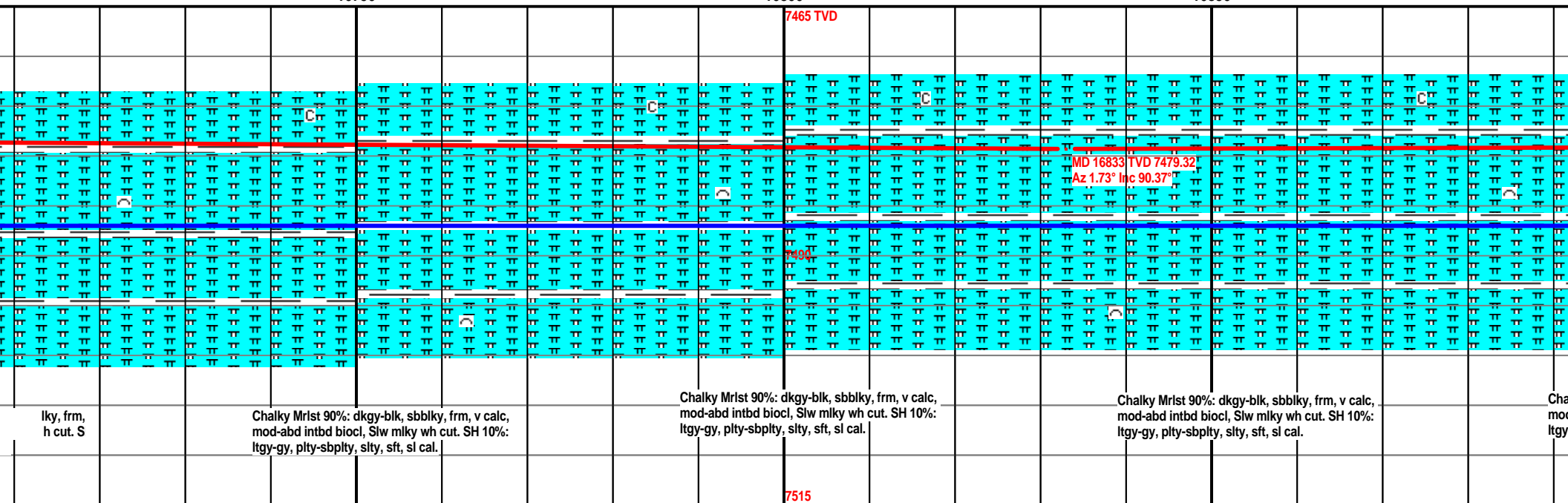
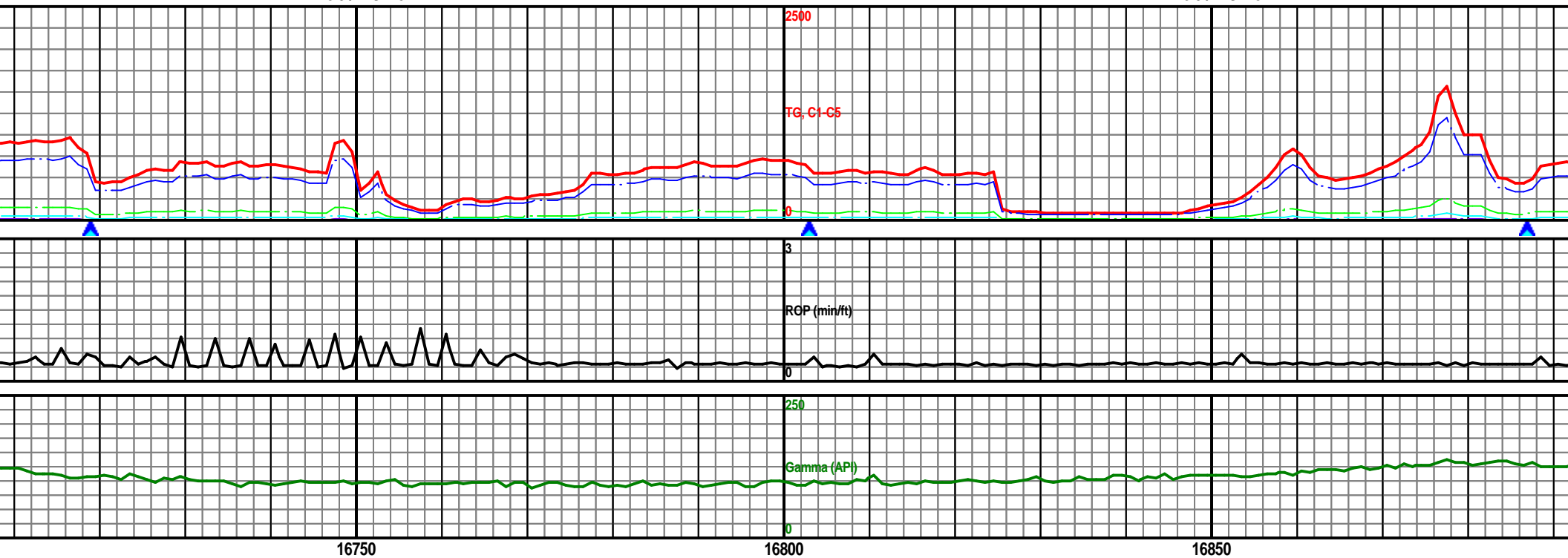
MW: 8.9 / VIS: 48



7515

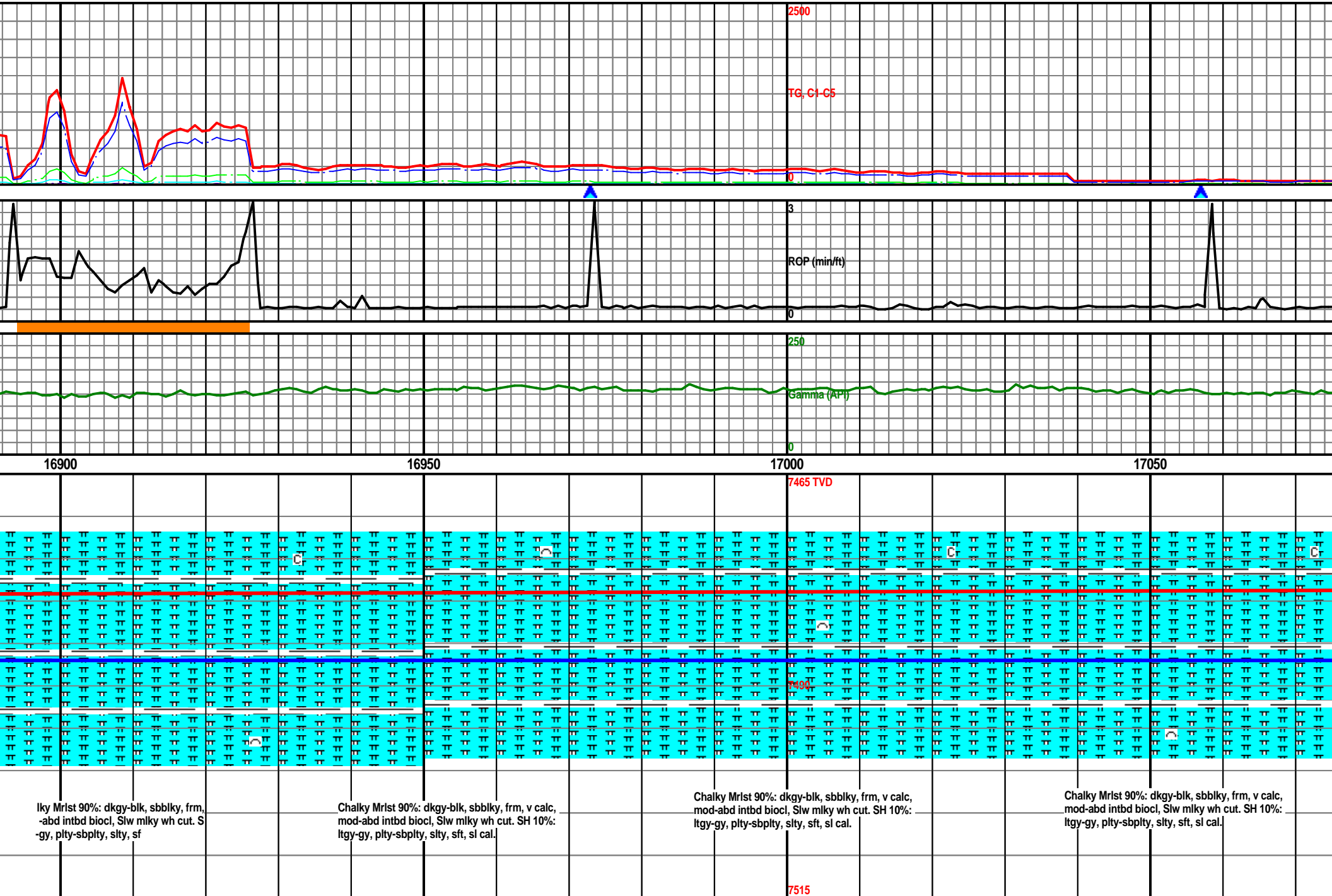
MW: 8.9 / VIS: 48

MW: 8.9 / VIS: 48



MW: 8.9 / VIS: 48

MW: 8.9 / VIS: 49



MW: 8.9 / VIS: 49

TD of 17151' MD Achieved @  
5:00pm 03/11/14.

Casing Trip Gas = 8288 U (off  
buster)

Two man logging unit  
with sample program  
and gas analyzer  
released 03/13/14.

17100

17150

MD 17087 TVD 7478.65  
Az 1.56° Inc 89.93°

Projection to Bit  
MD 17151 TVD 7478.7  
Az 1.56° Inc 89.93°

MD 17151 TVD 7487  
Inc 90°

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.

Chalky Mrlst 90%: dkgy-blk, sbblky, frm, v calc,  
mod-abd intbd biocl, Slw mlky wh cut. SH 10%:  
ltgy-gy, plty-sbplty, slty, sft, sl cal.