



Scale 1:600 (2"=100') Metric
Measured Depth Log

Well Name: Nichols 1N-5HZ

Location: Weld County, CO

License Number: 05-123-35877

Spud Date: 12/28/12

Surface Coordinates: 2493' FNL, 578' FEL
Sec 8, T2N, R65W

Bottom Hole Coordinates: 460' FNL, 700' FEL
Sec 15, T2N, R65W

Ground Elevation (m): 4893'

Logged Interval (m): 7200' To: 14151'

Formation: Niobrara B, C

Type of Drilling Fluid: Water Based Mud

Region: DJ Basin

Drilling Completed: 1/4/13

K.B. Elevation (m): 4910'

Total Depth (m): 14151'

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

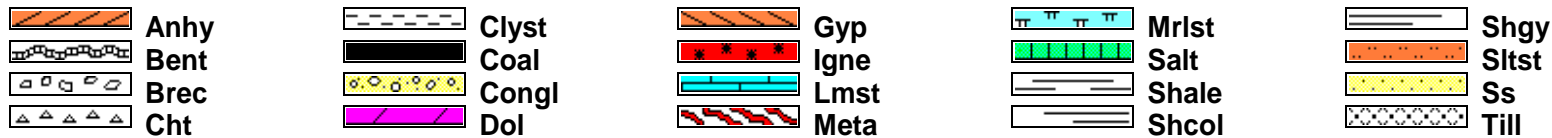
Denver, CO 80202

GEOLOGIST

Name: Justin Robbins / Justin Graf
 Company: Great Divide Consulting, Inc.
 Address: P.O. Box 630263
 Highlands Ranch, CO 80163

Comments

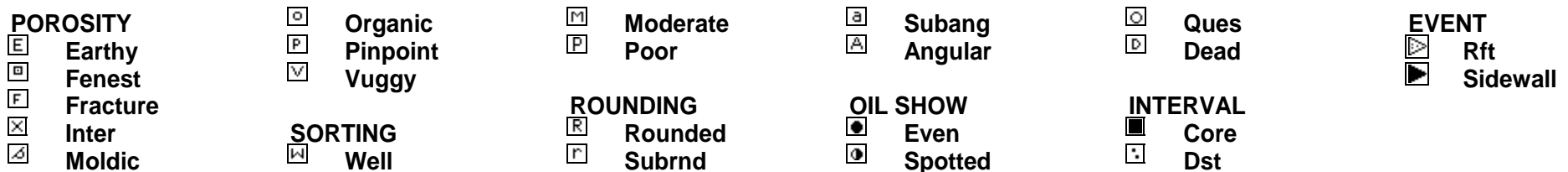
ROCK TYPES

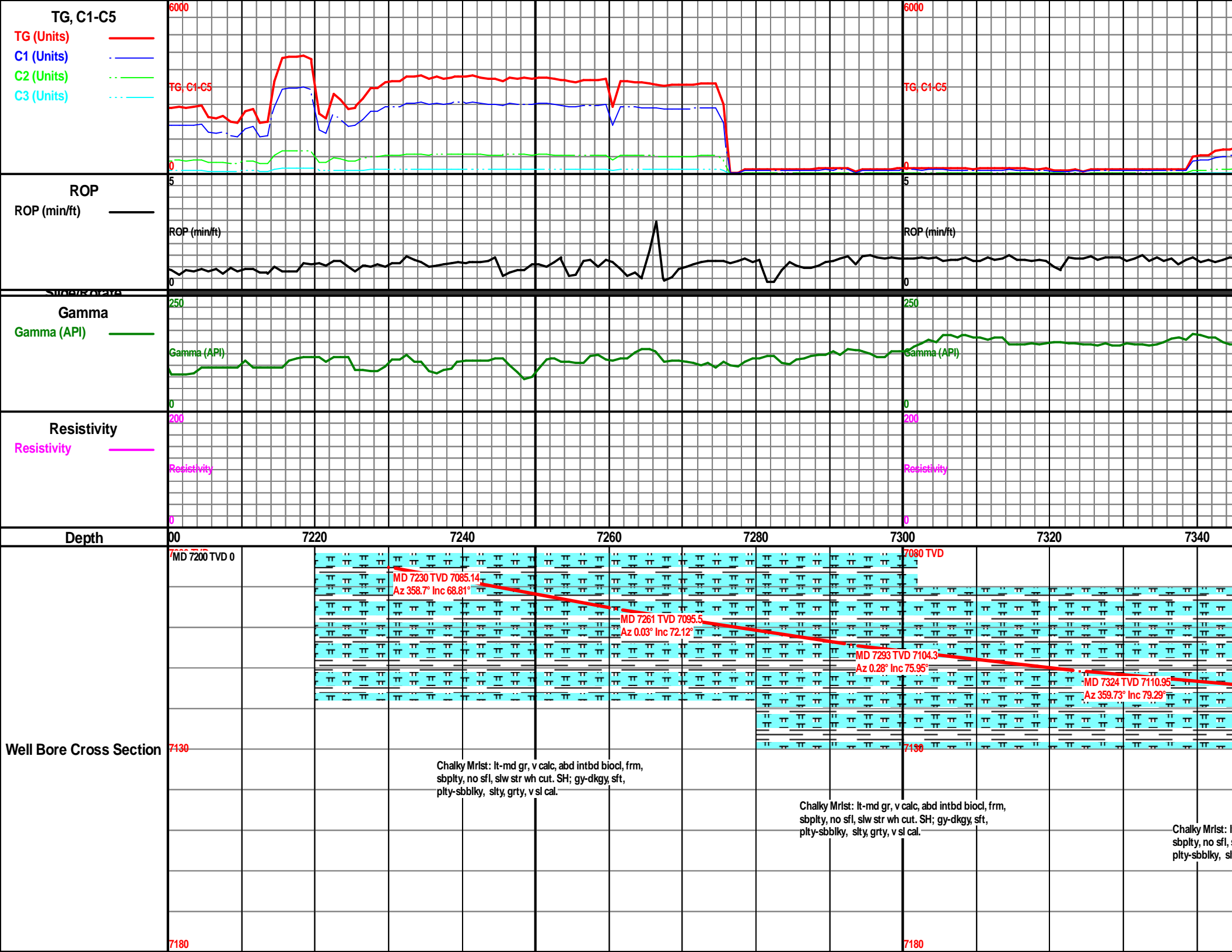


ACCESSORIES

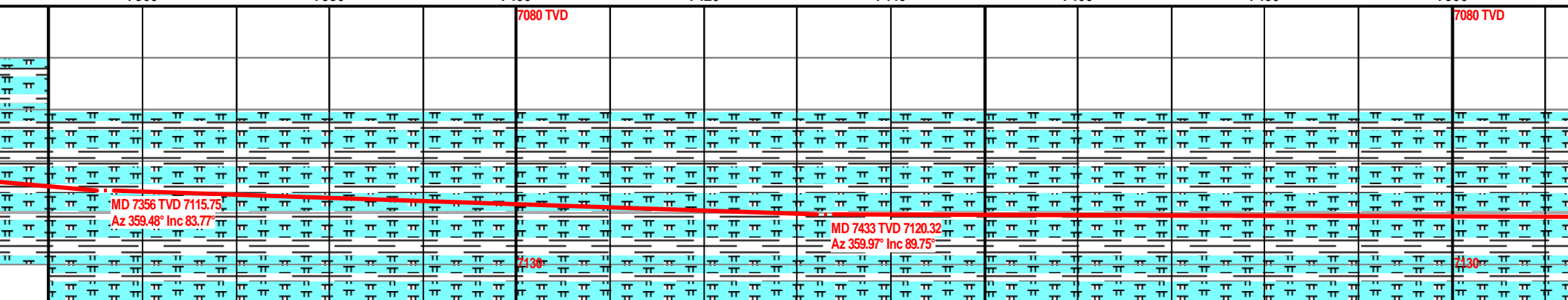
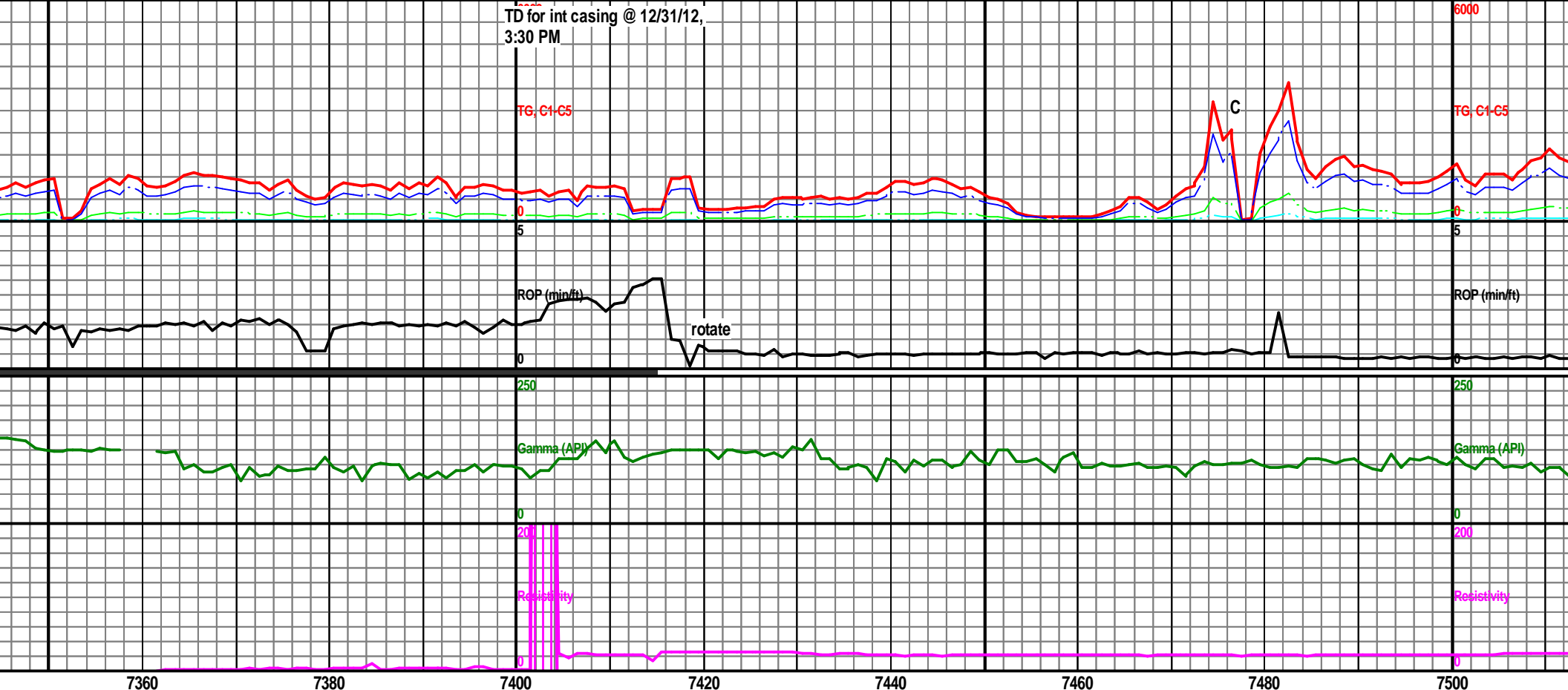


OTHER SYMBOLS





TD for int casing @ 12/31/12,
3:30 PM



t-md gr, v calc, abd intbd biocl, frm
lw str wh cut. SH; gy-dkgy, sft,
ty, grty, v sl c

Chalky Mrst: lt-md gr, v calc, abd intbd biocl, frm,
sbply, no sfl, slw str wh cut. SH; gy-dkgy, sft,
plty-sbblky, slty, grty, v sl cal.

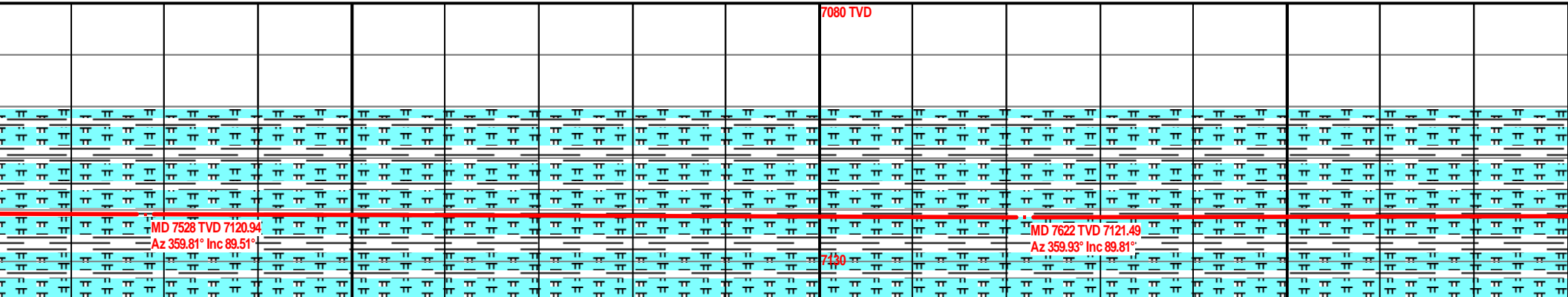
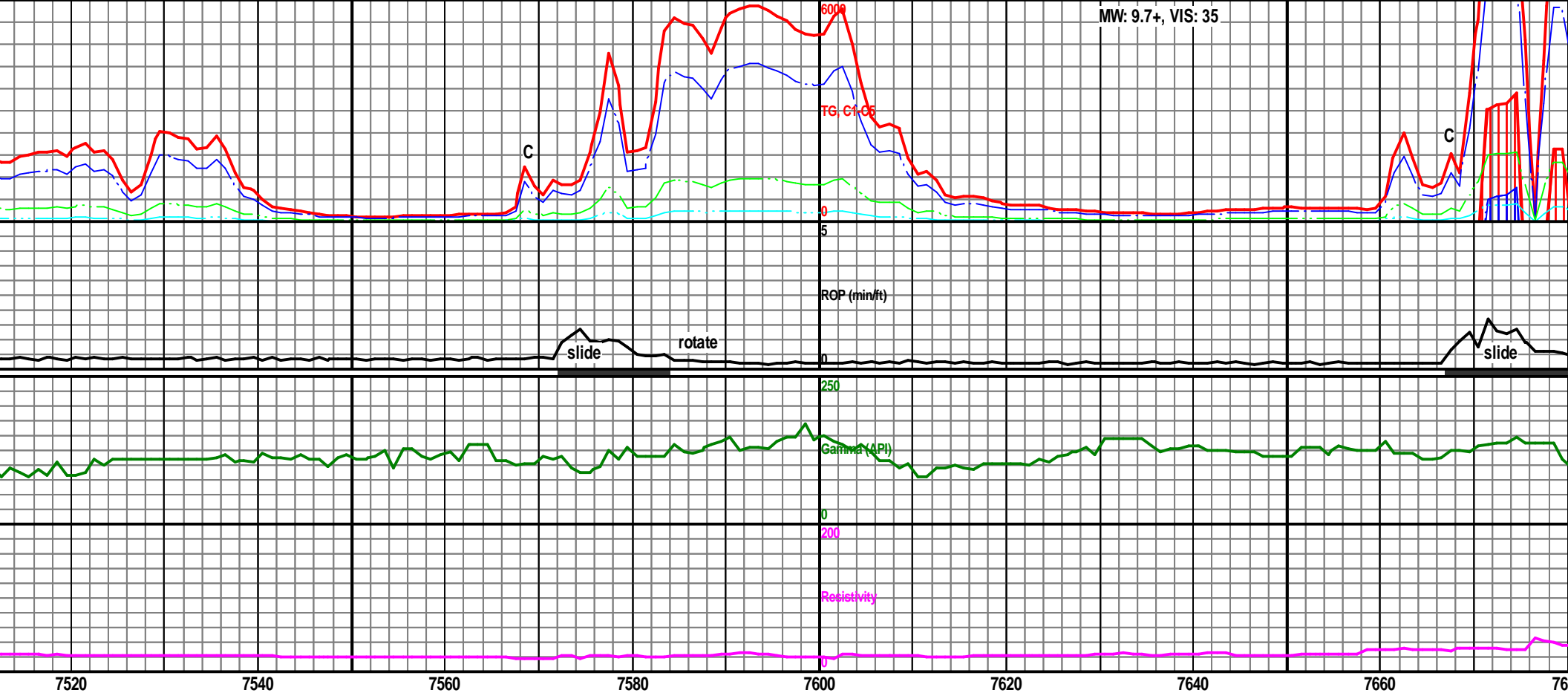
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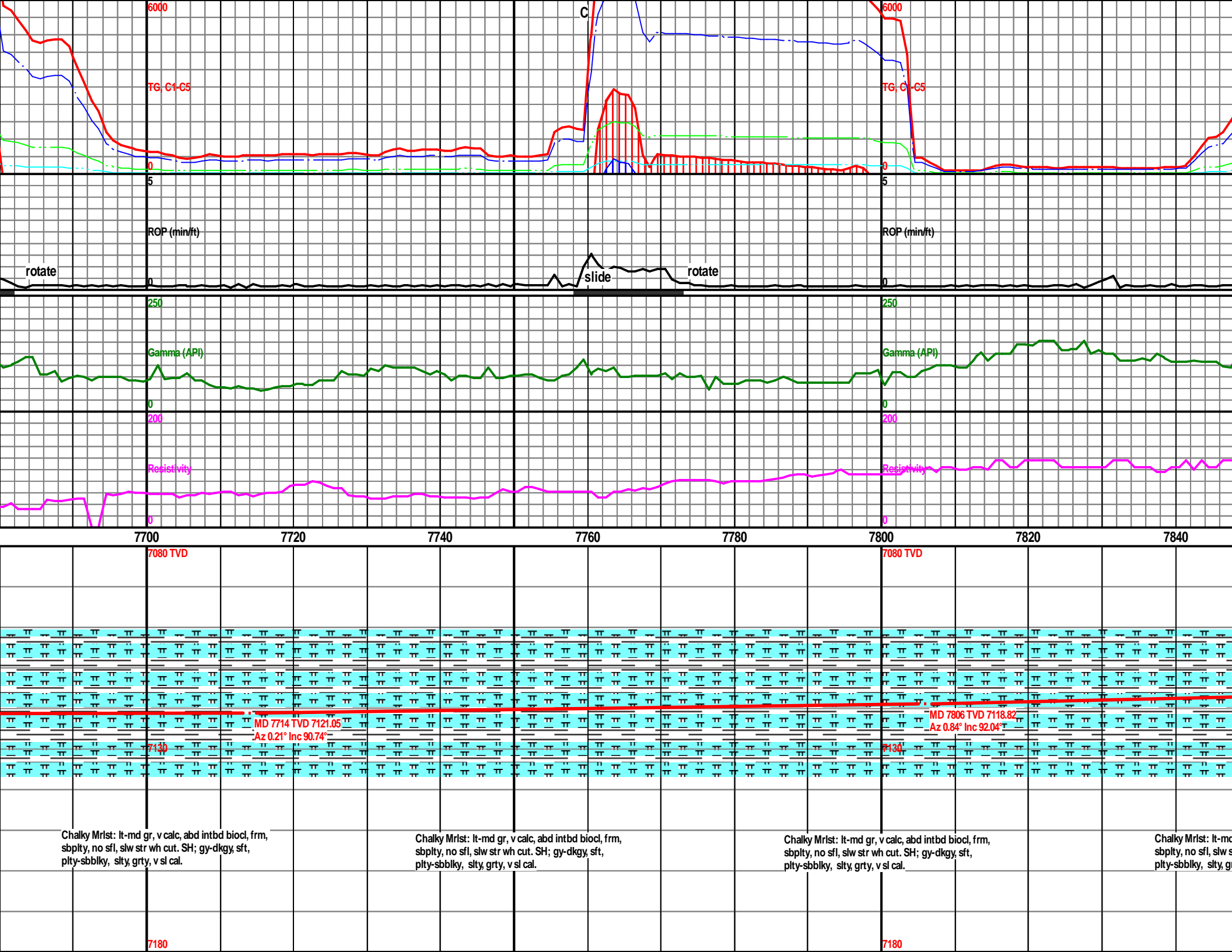
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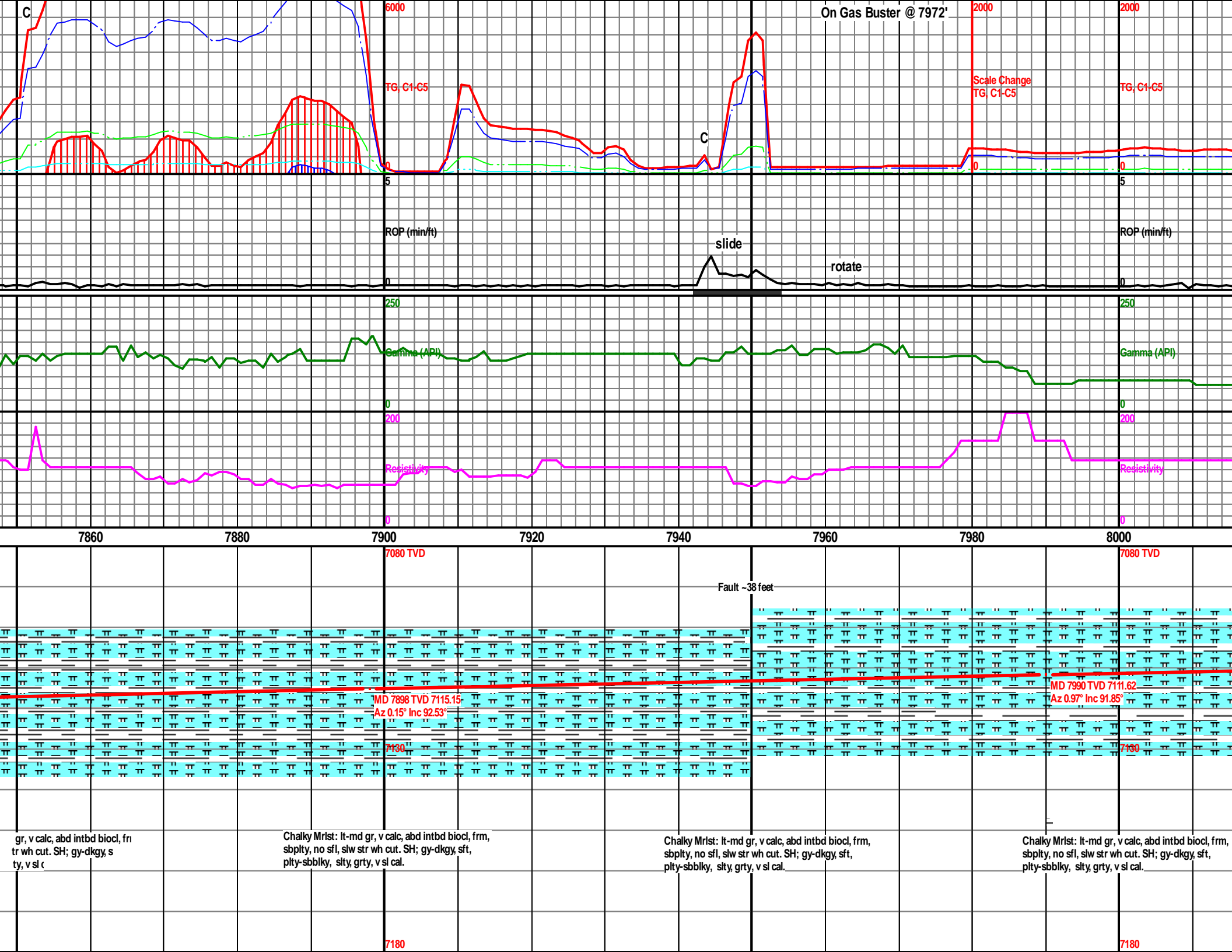
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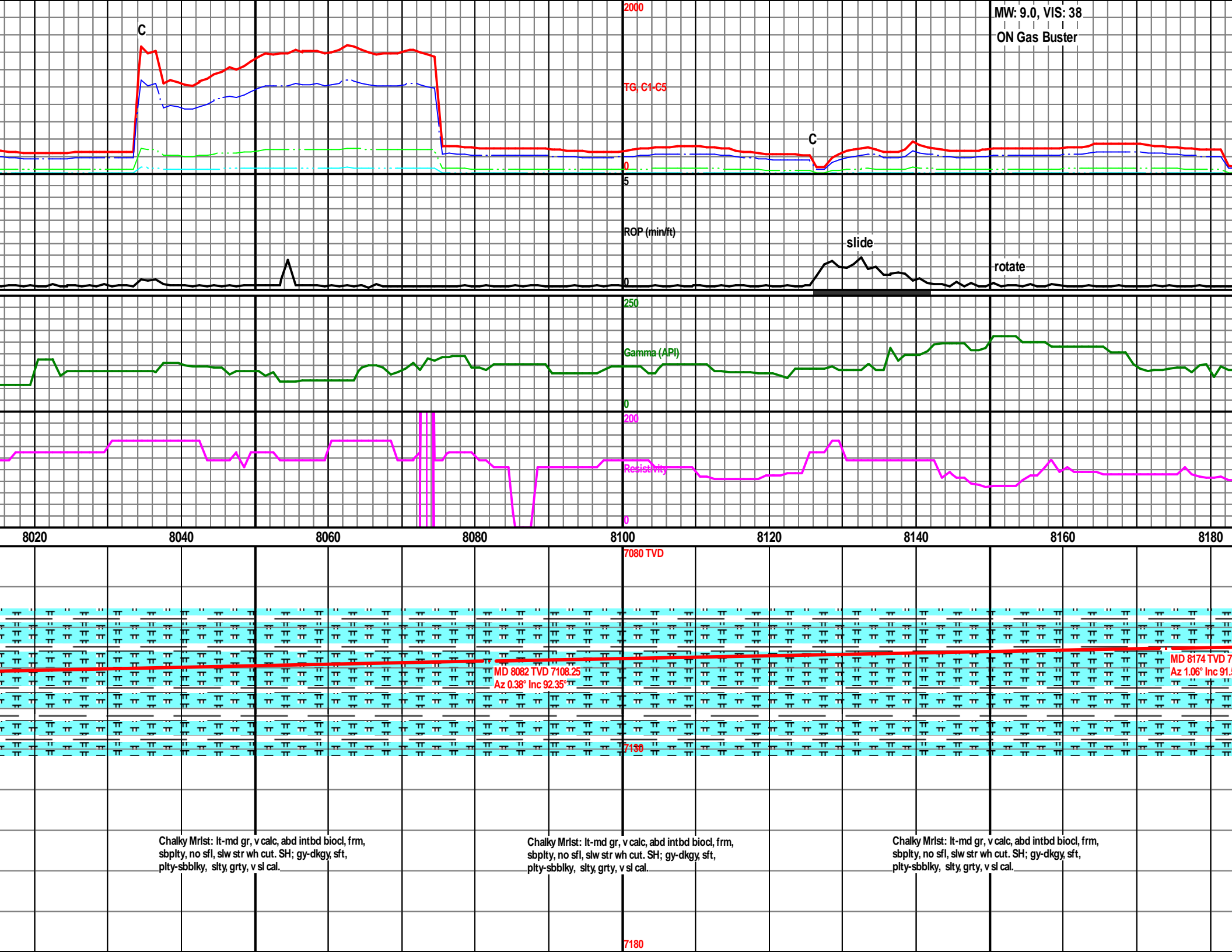
MW: 9.7+, VIS: 35

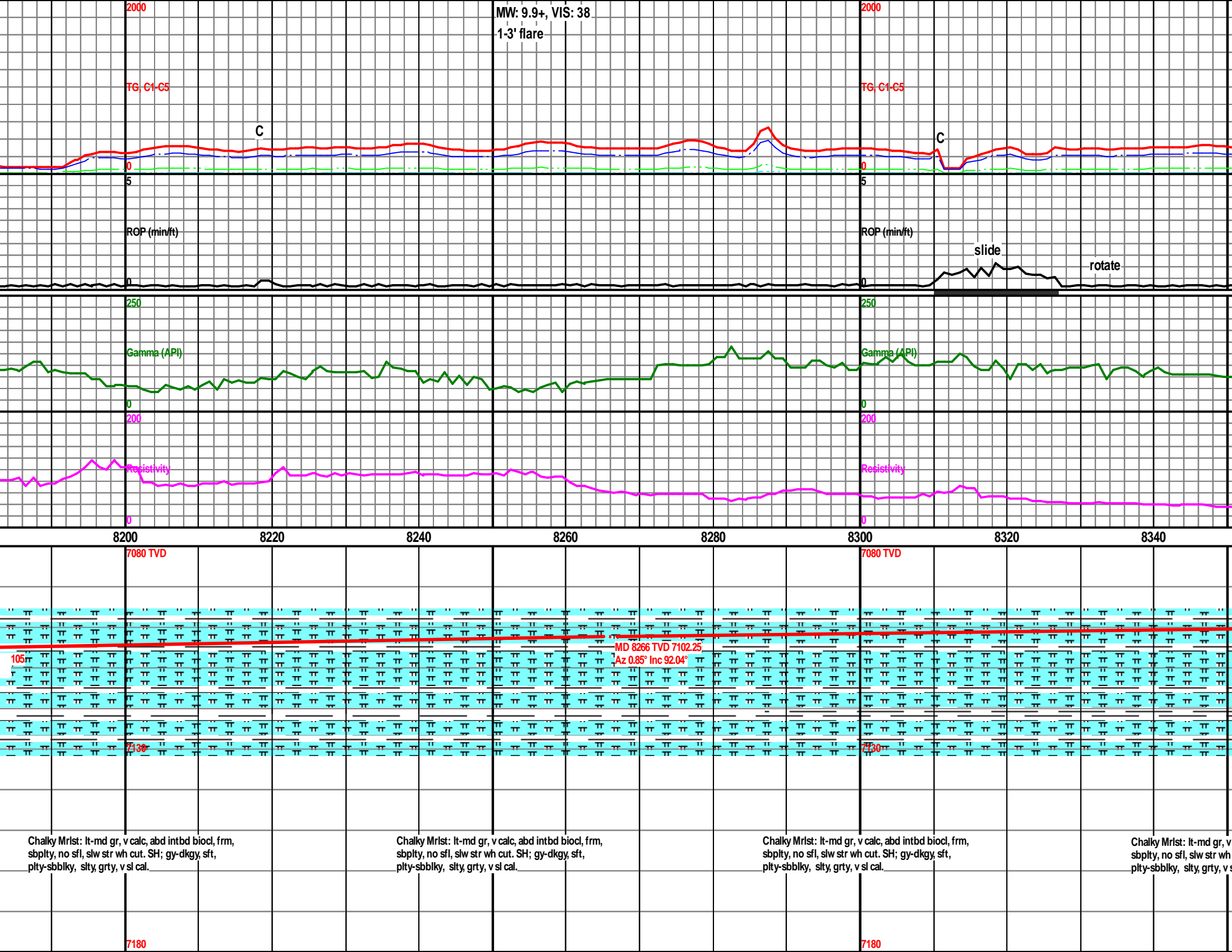


fr	Chalky Mrlst: lt-md gr, v calc, abd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH; gy-dkgy, sft, pty-sbbiky, slty, grty, v sl cal.	Chalky Mrlst: lt-md gr, v calc, abd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH; gy-dkgy, sft, pty-sbbiky, slty, grty, v sl cal.	Chalky Mrlst: lt-md gr, v calc, abd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH; gy-dkgy, sft, pty-sbbiky, slty, grty, v sl cal.
		7180	









MW: 9.9, VIS: 37
ON Gas Buster

2000
1' flare

TG-C1-C5

C

ROP (min/ft)

Gamma (API)

Resistivity

8360

8380

8400

8420

8440

8460

8480

8500

MD 8357 TVD 7100.24
Az 0.91° Inc 90.49°

MD 8449 TVD 7099.55
Az 0.9° Inc 90.37°

7080 TVD

7080 TVD

7120

7120

7180

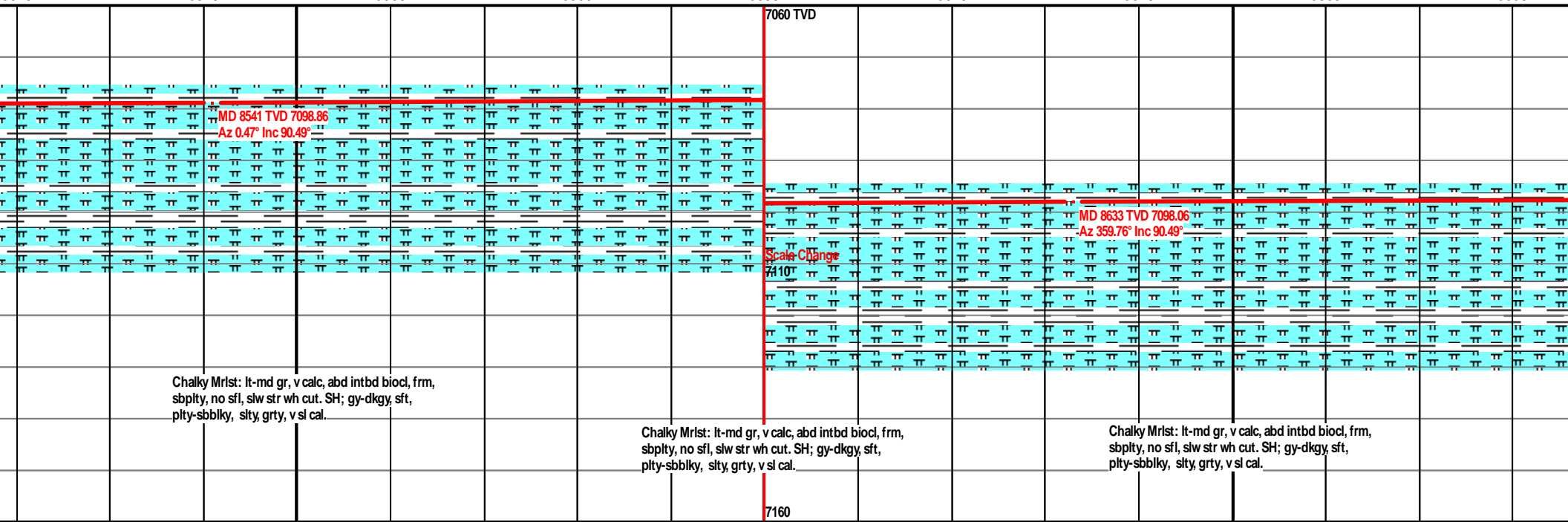
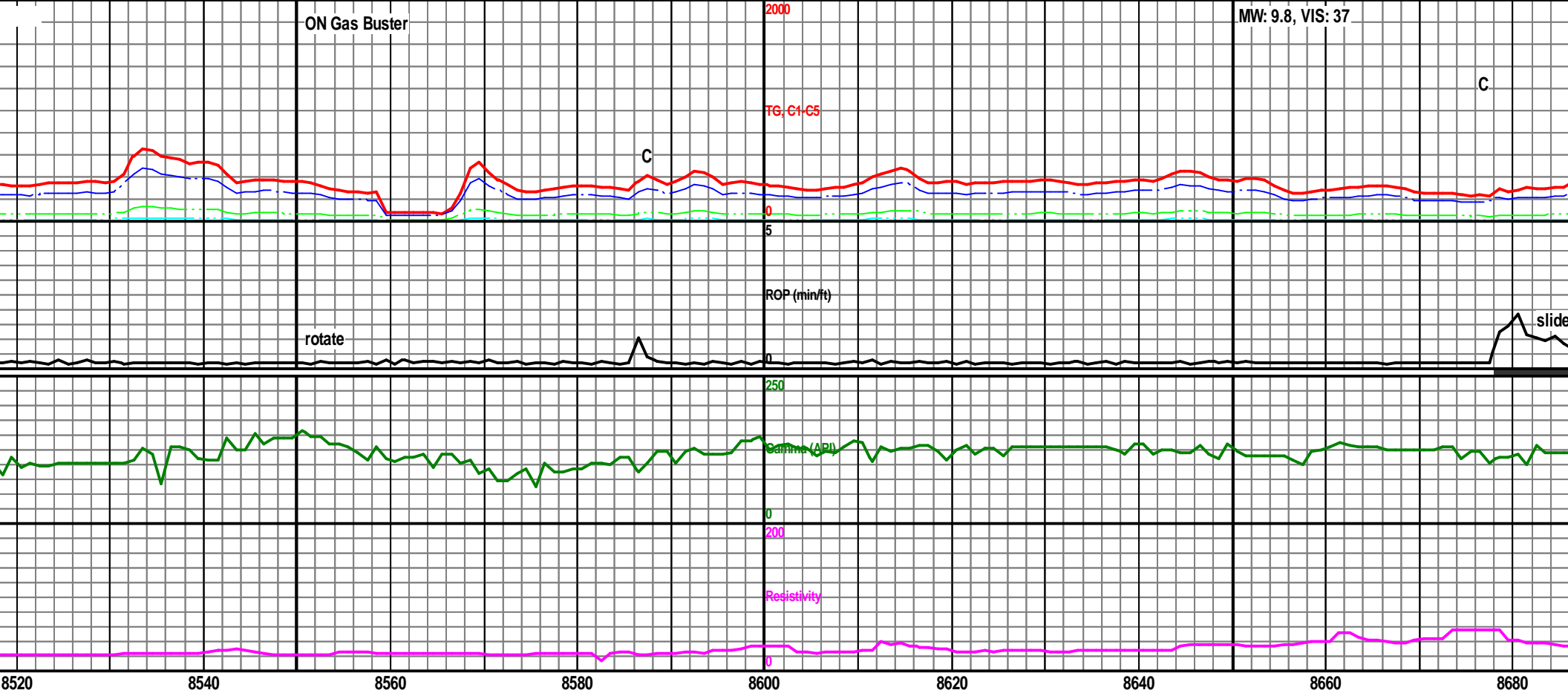
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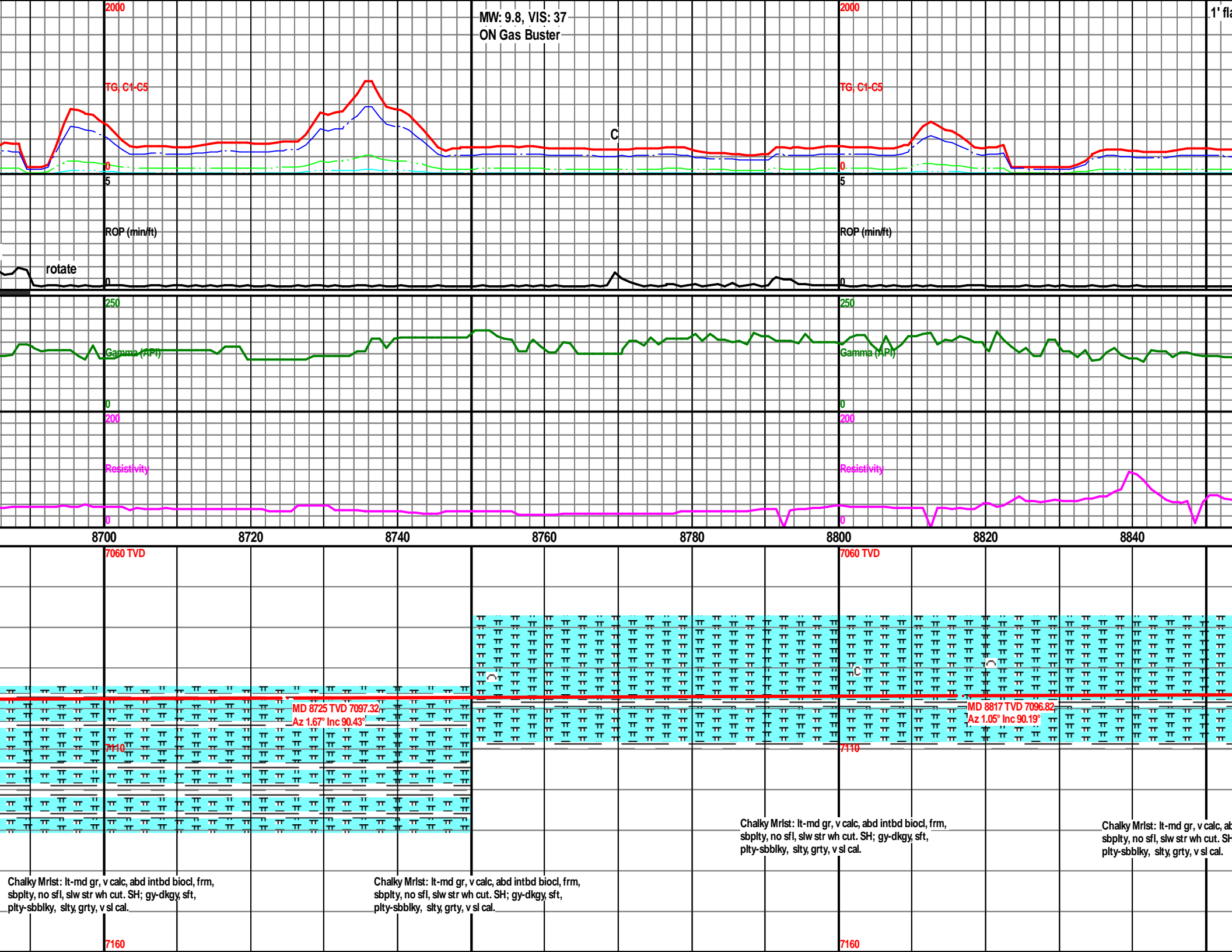
calc, abd intbd biocl, frm
cut. SH; gy-dkgy, s
l c

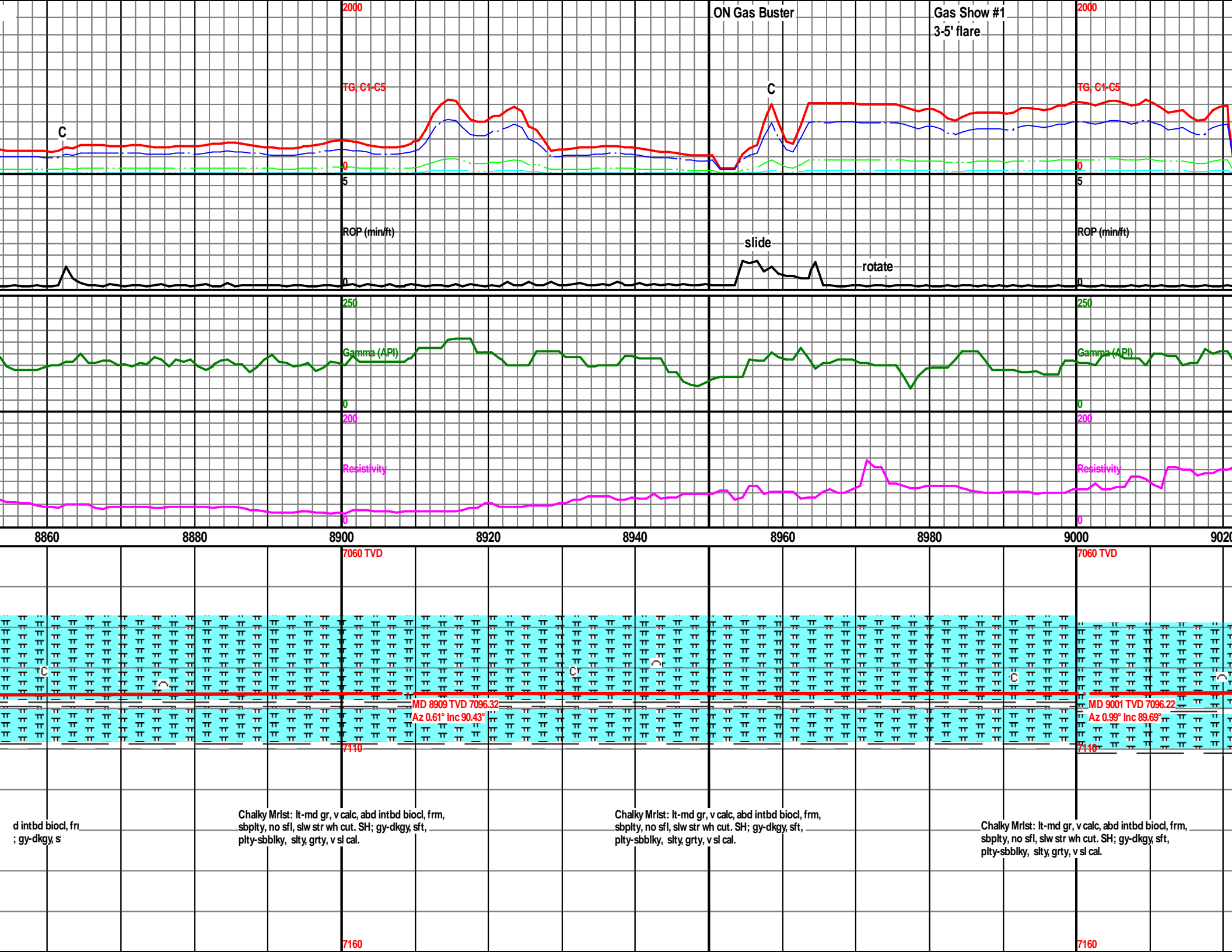
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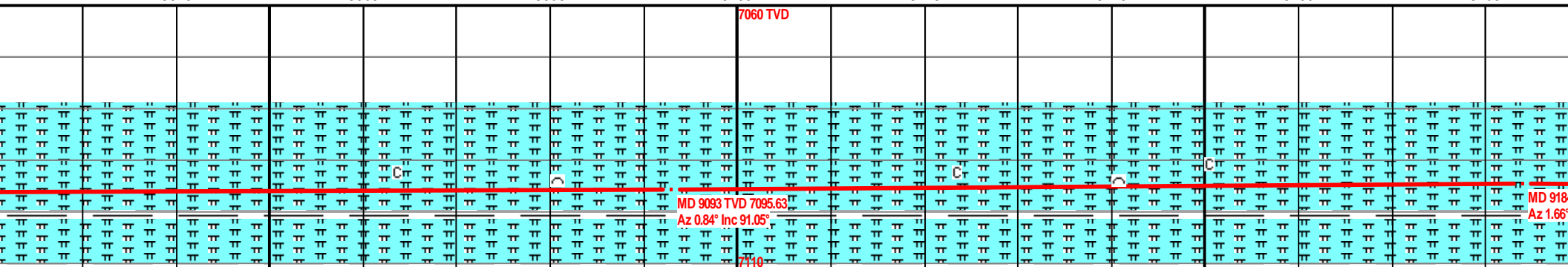
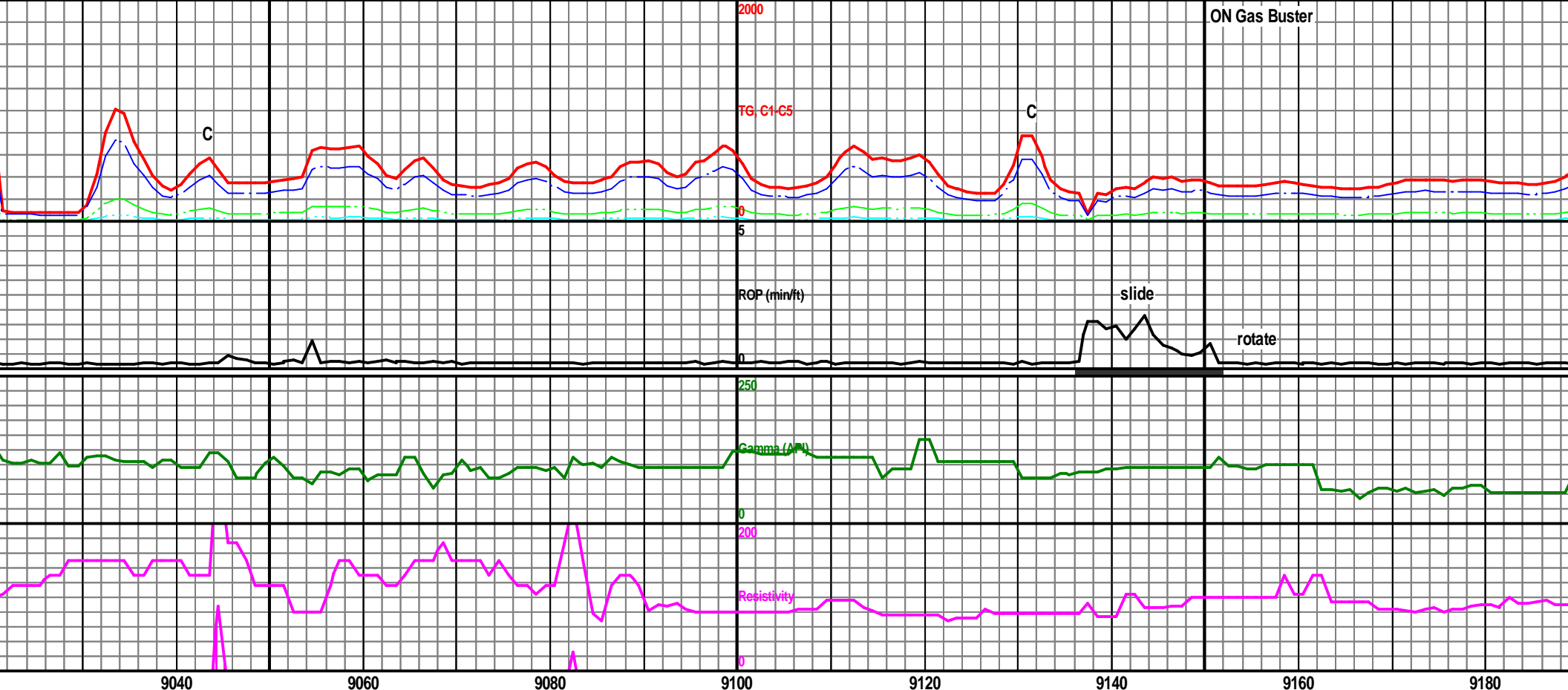
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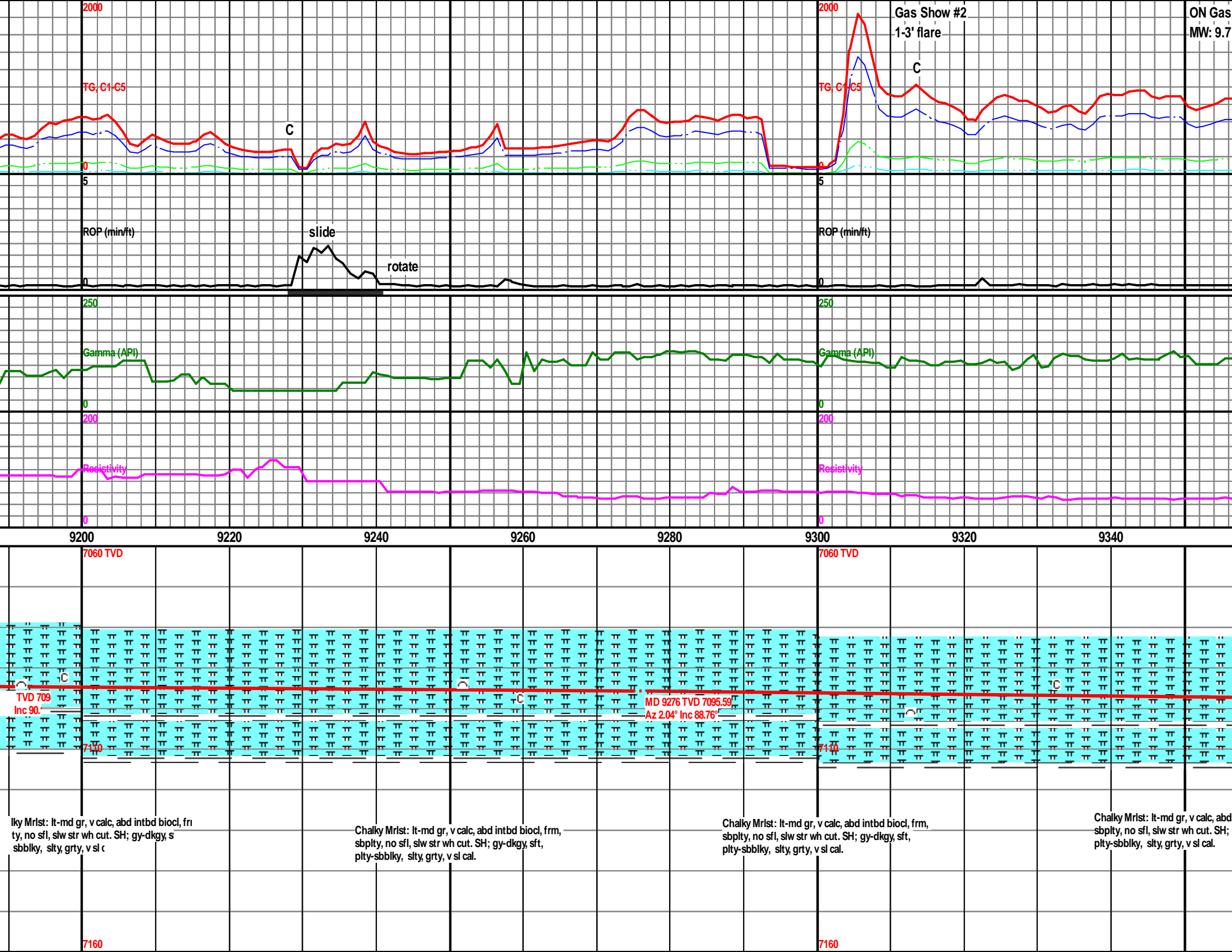


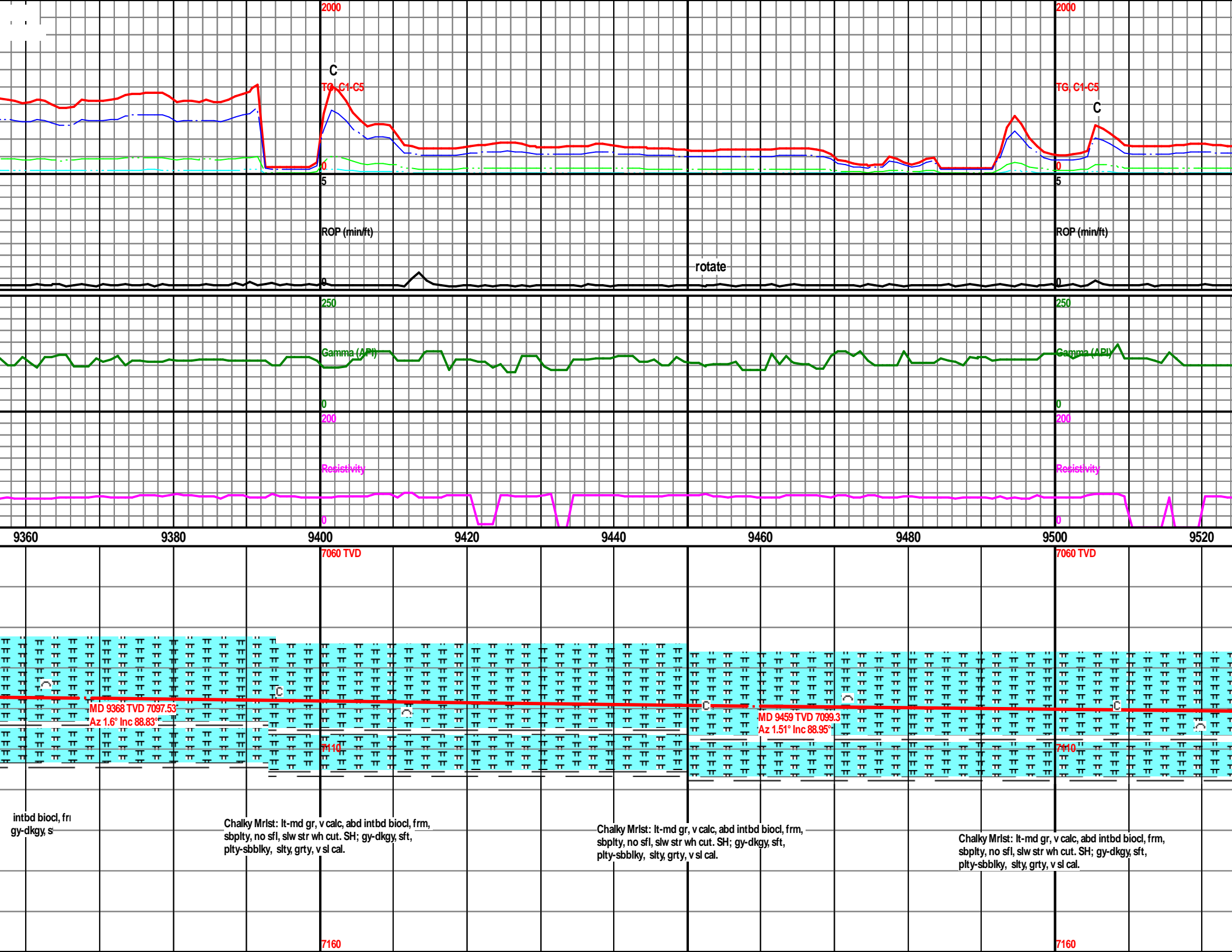
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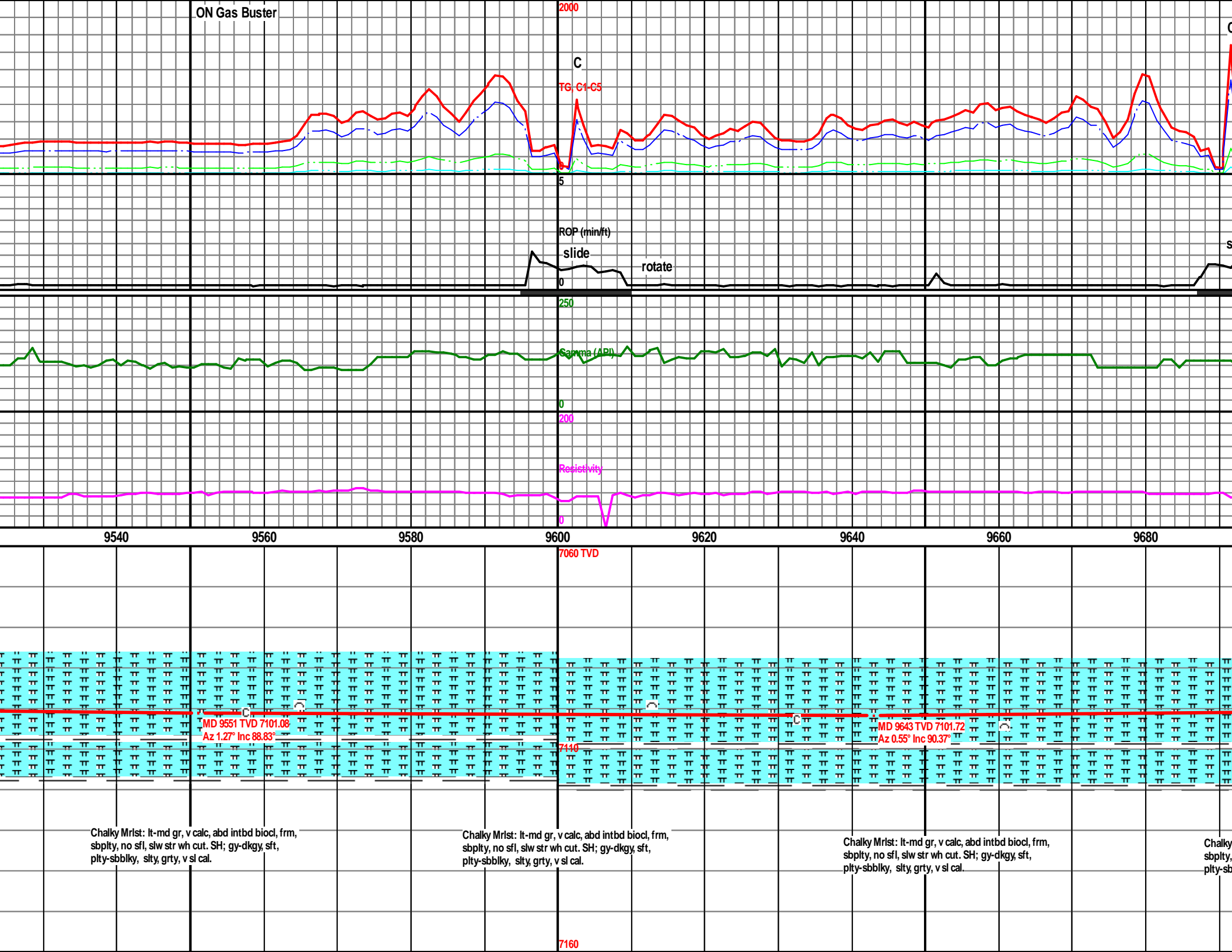
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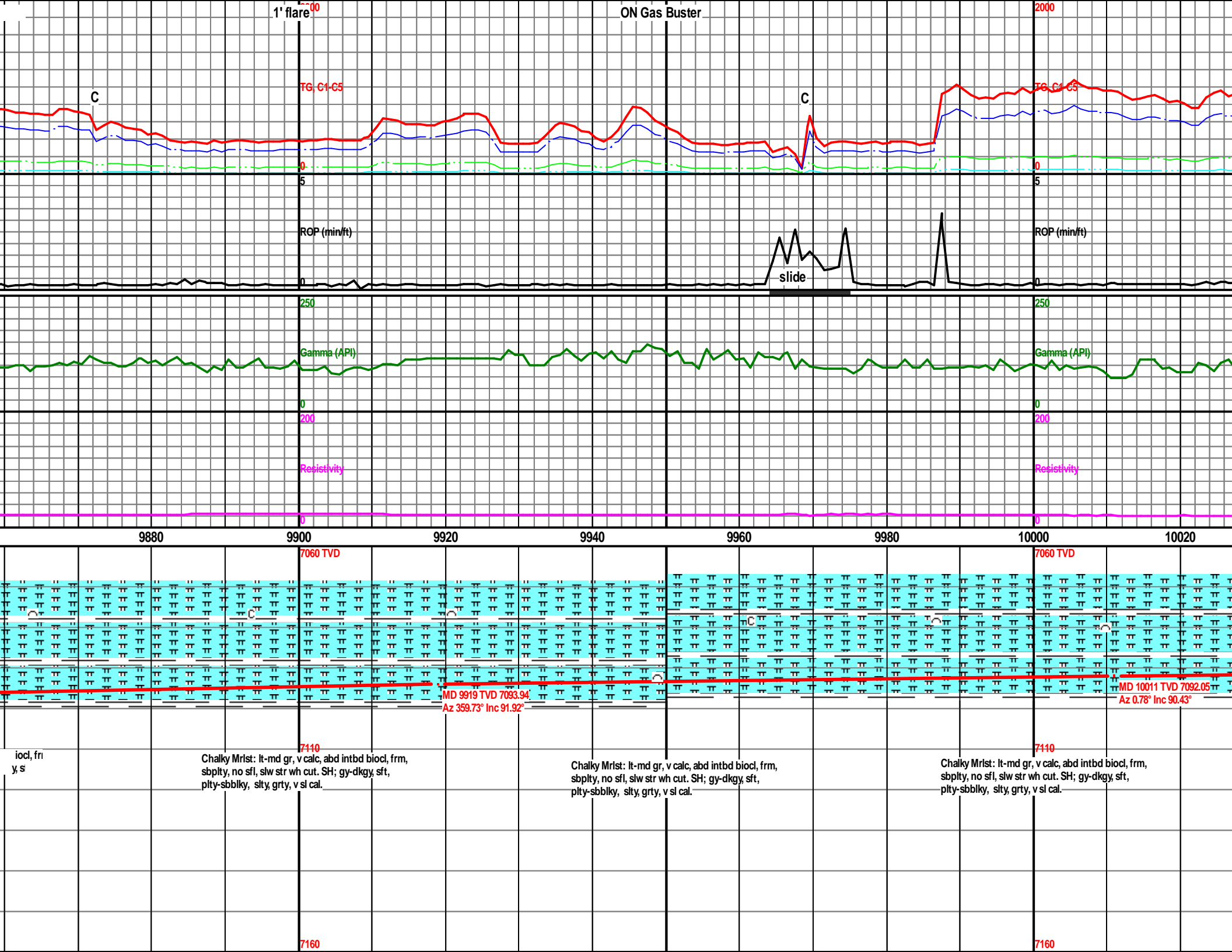
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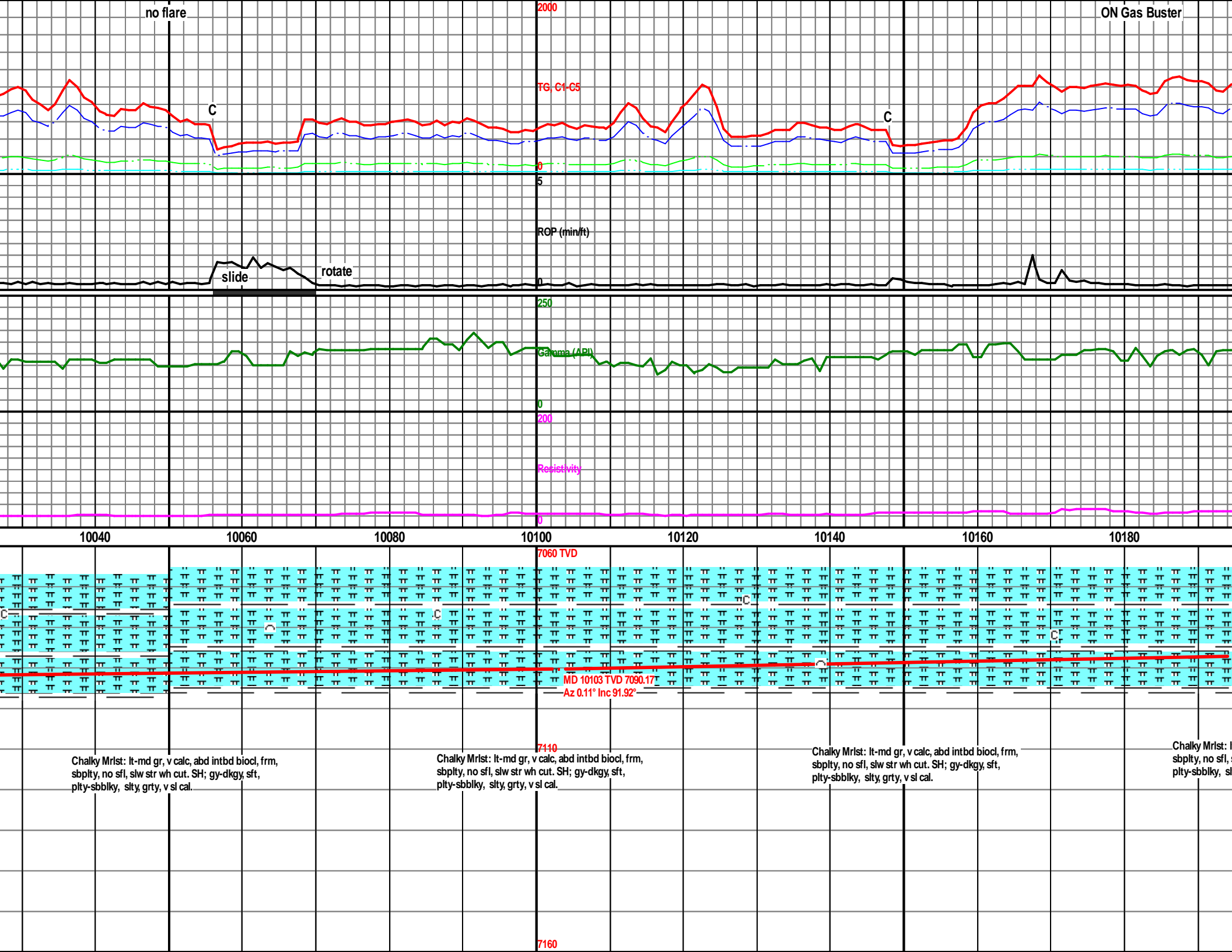


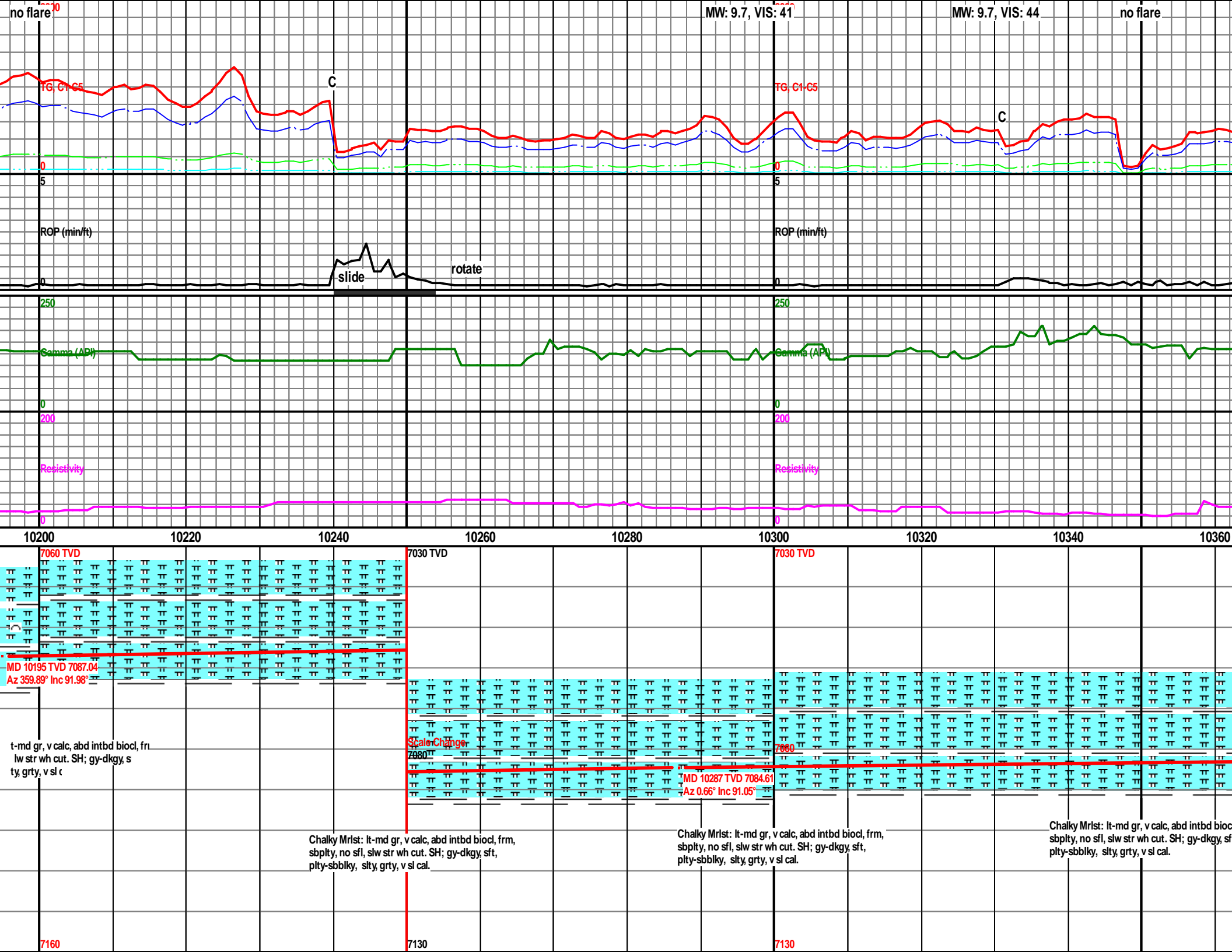




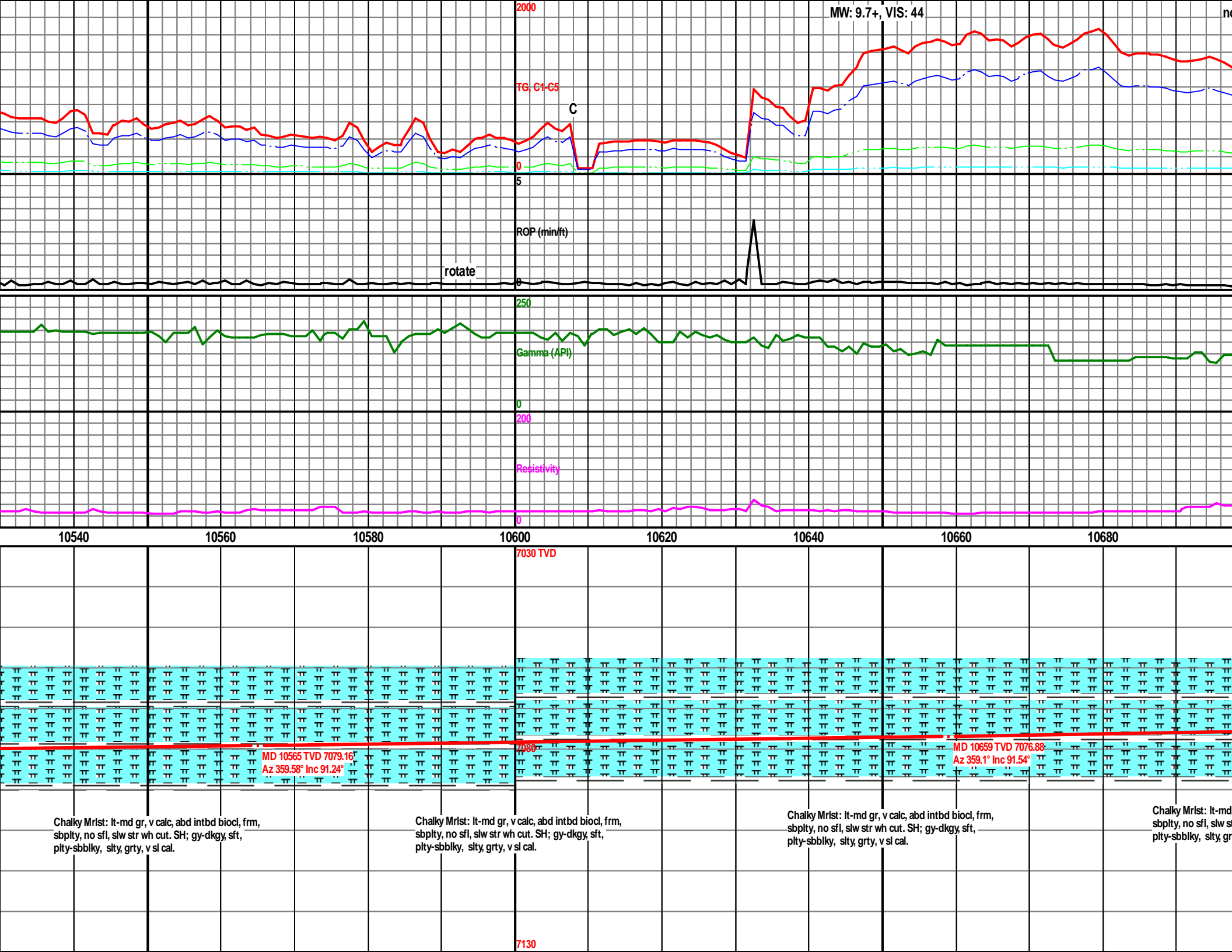


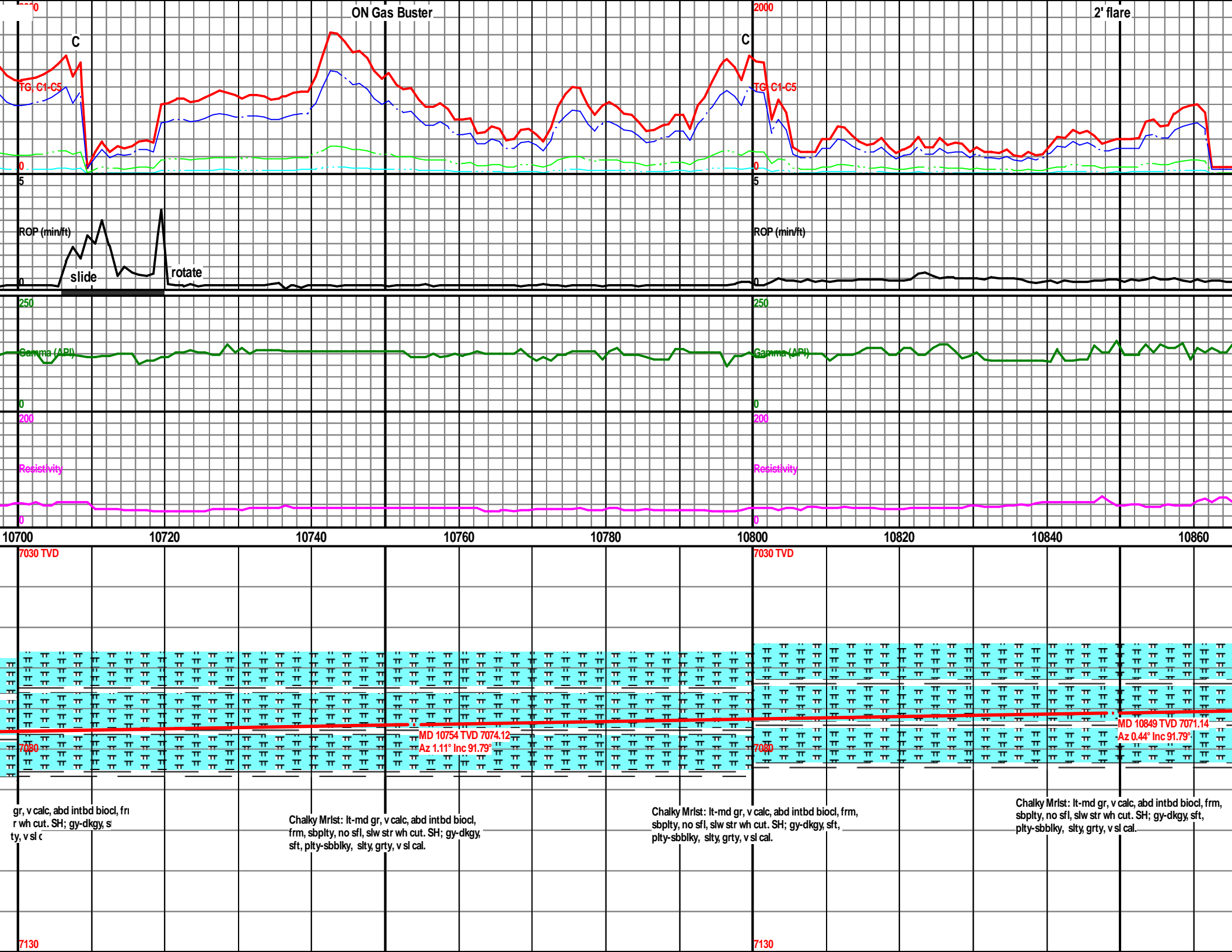


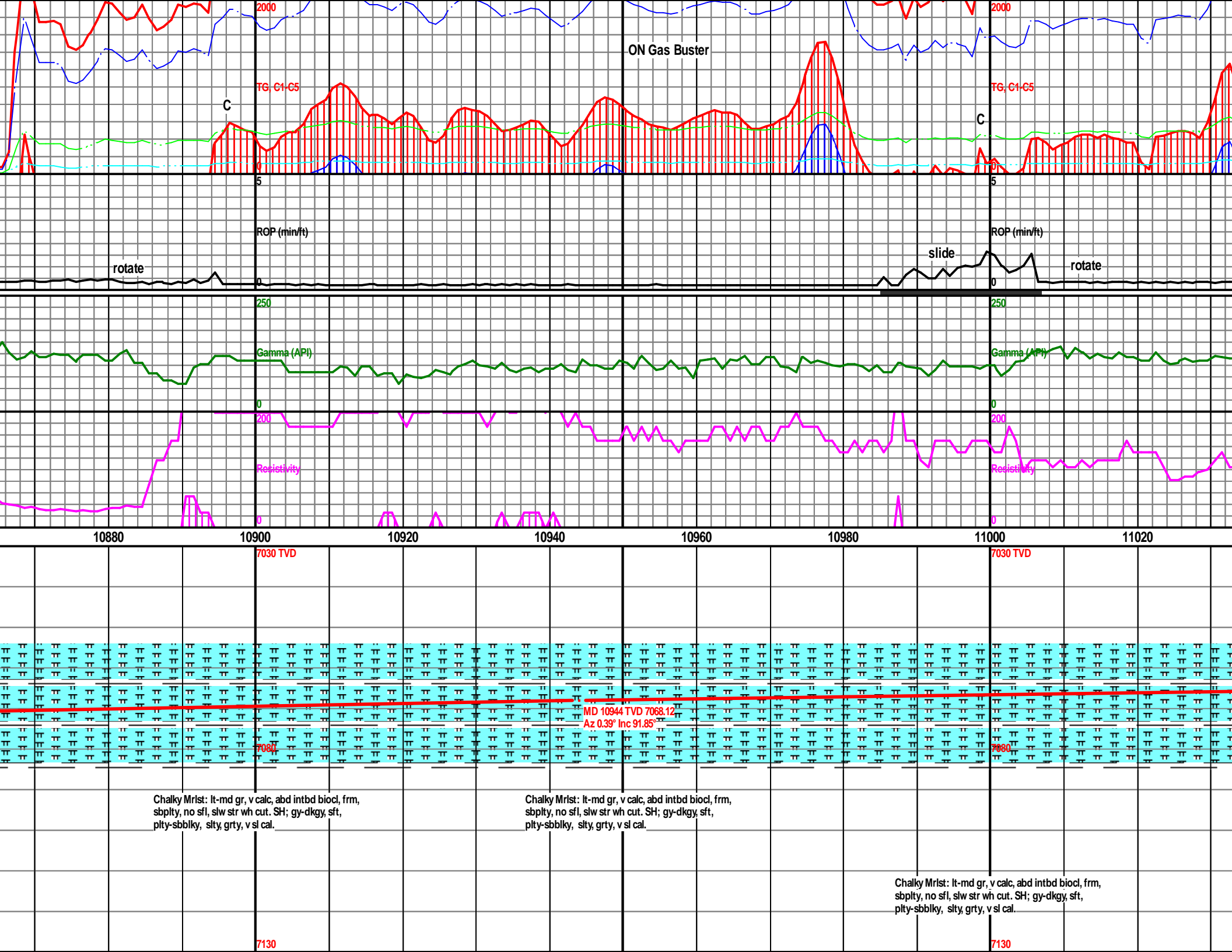


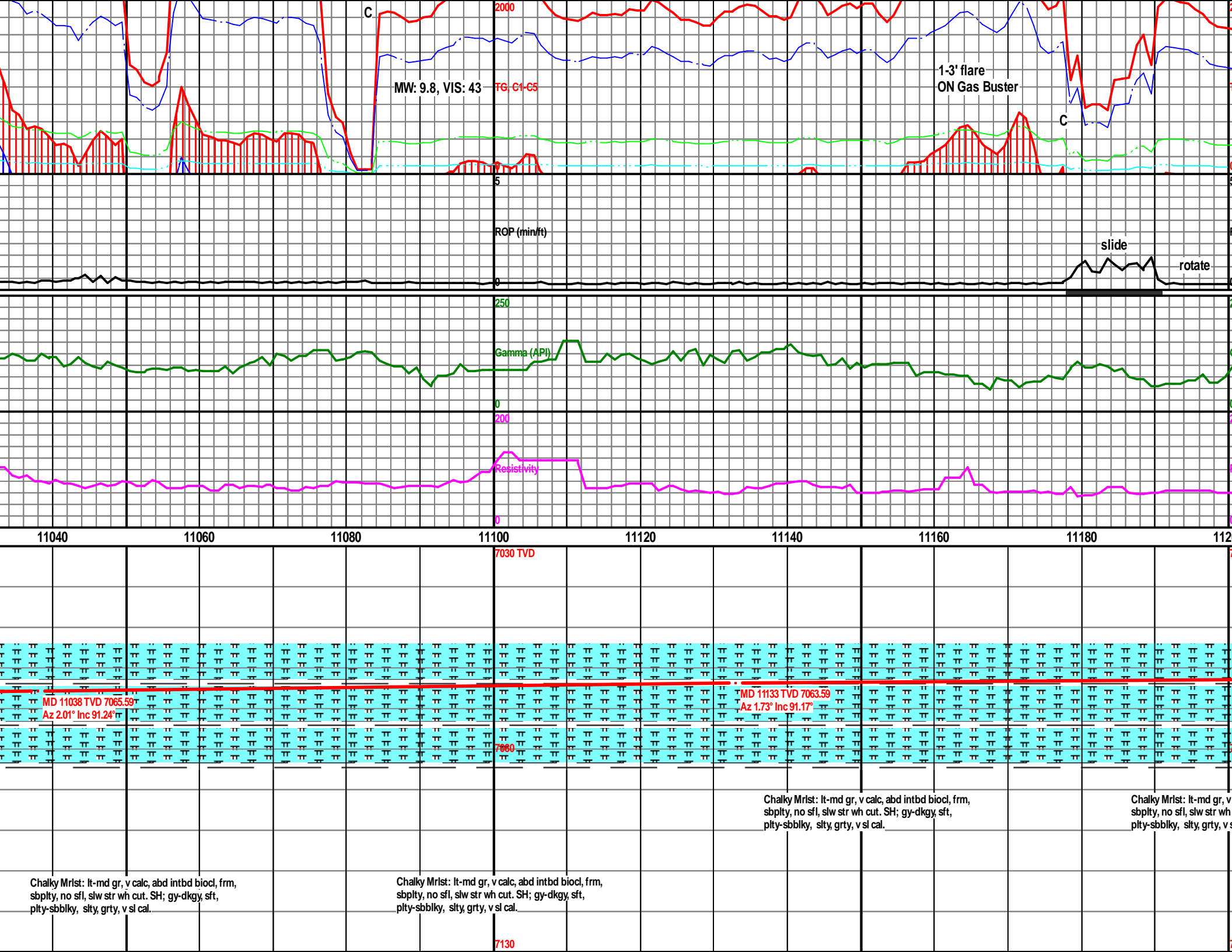


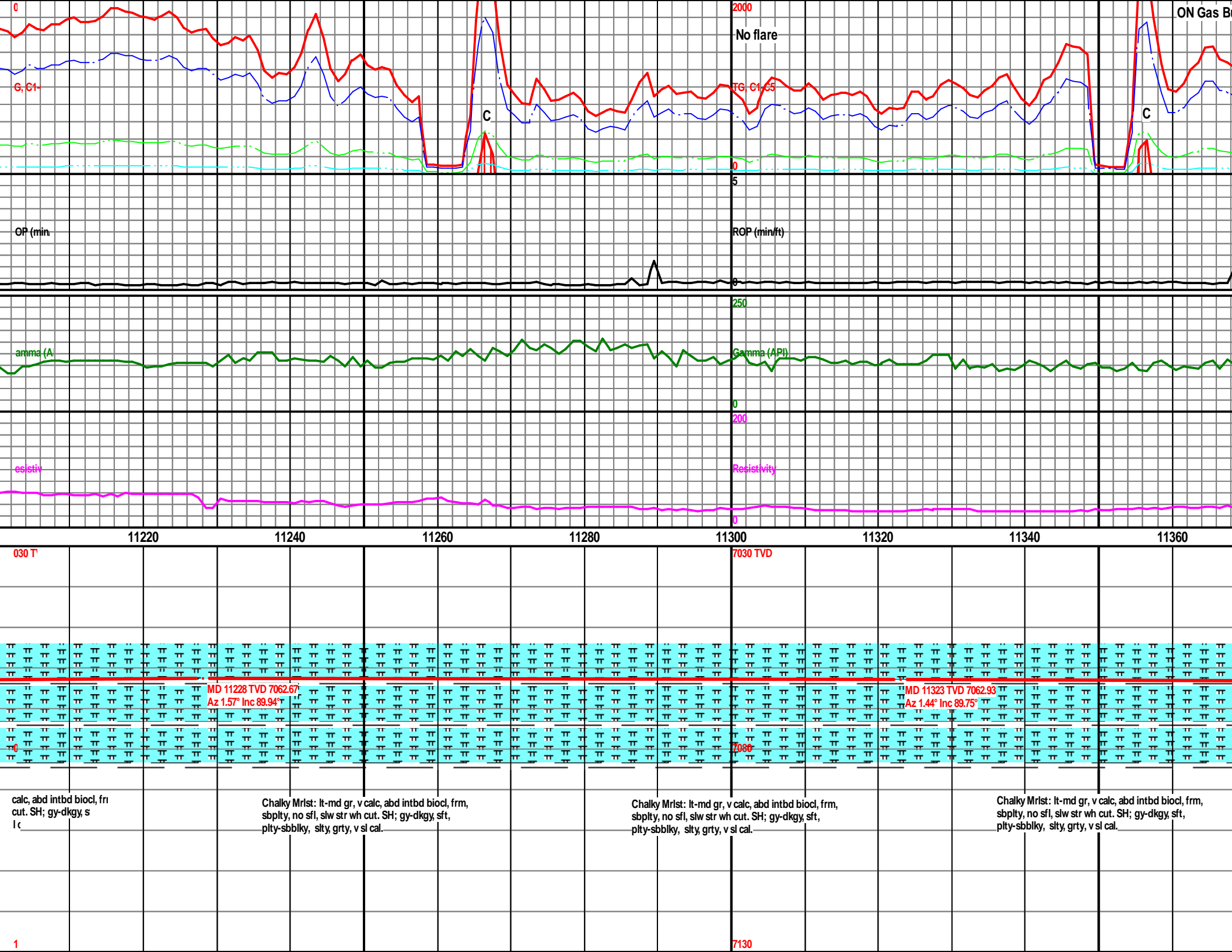


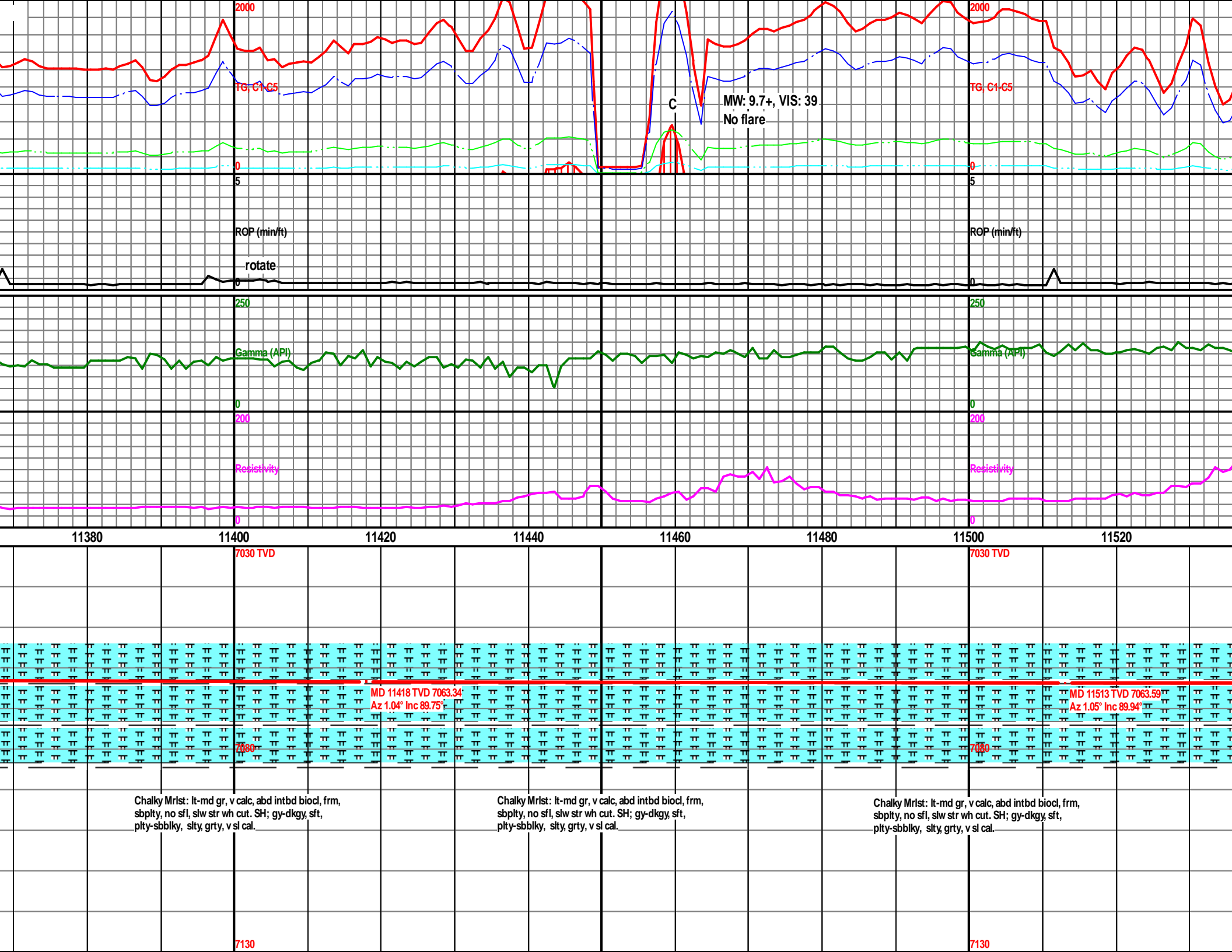




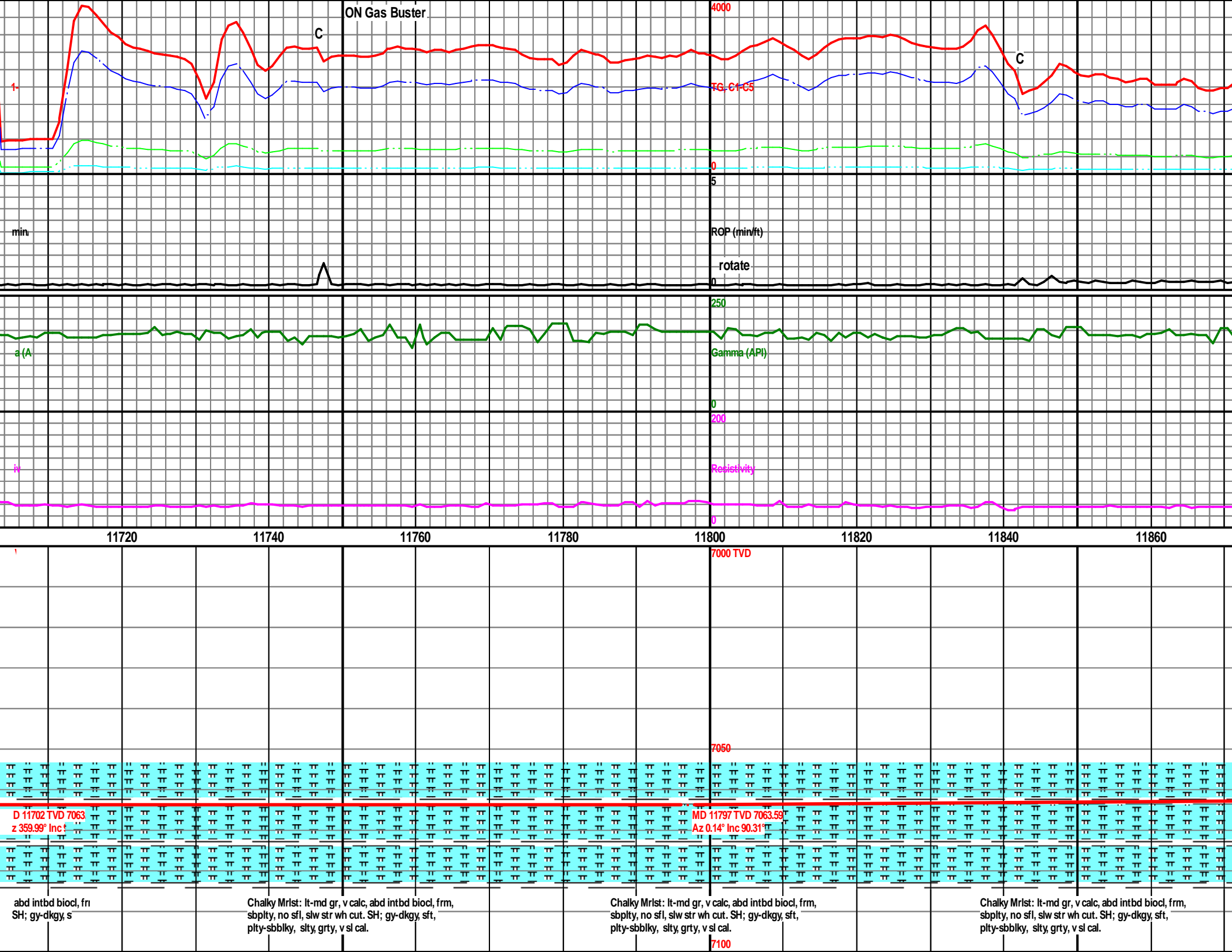


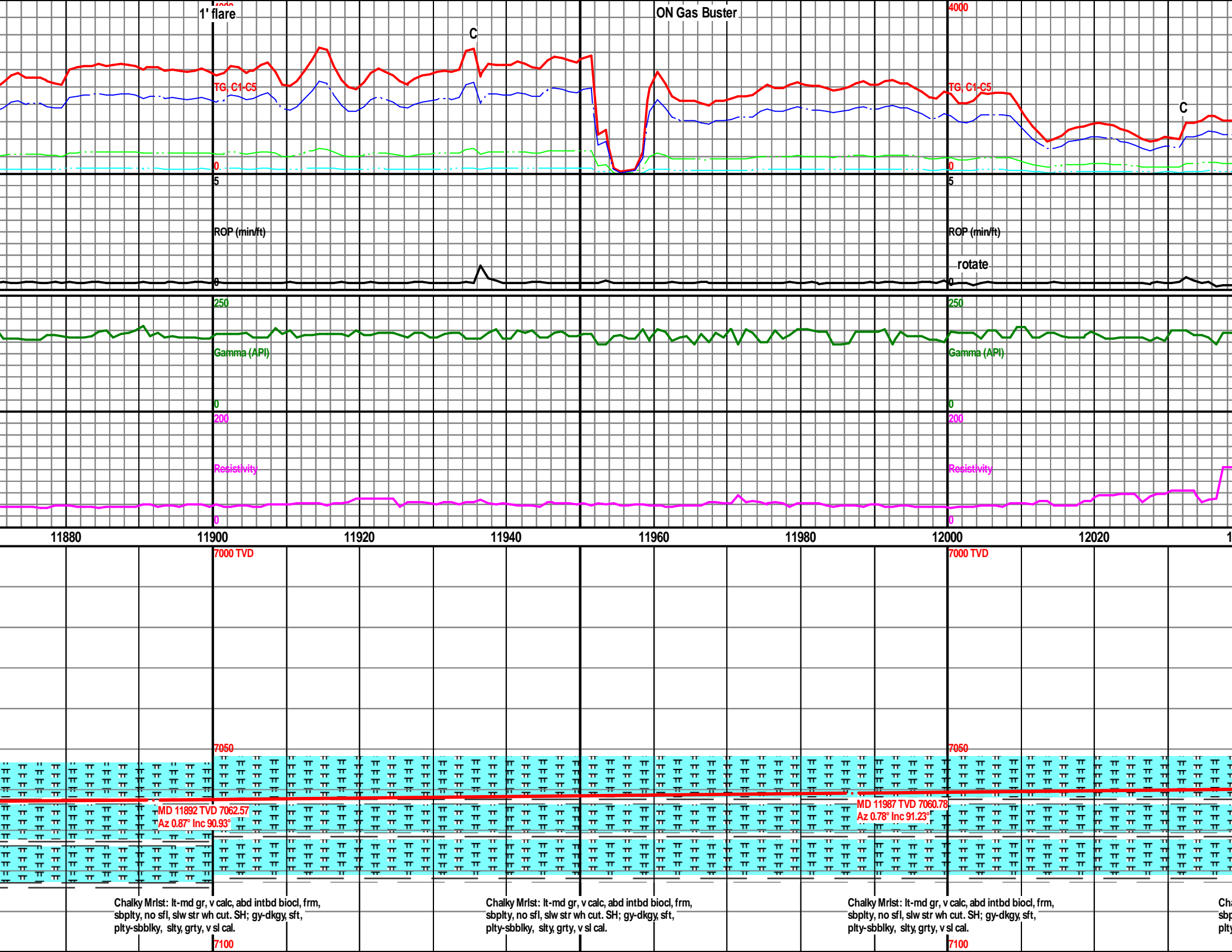


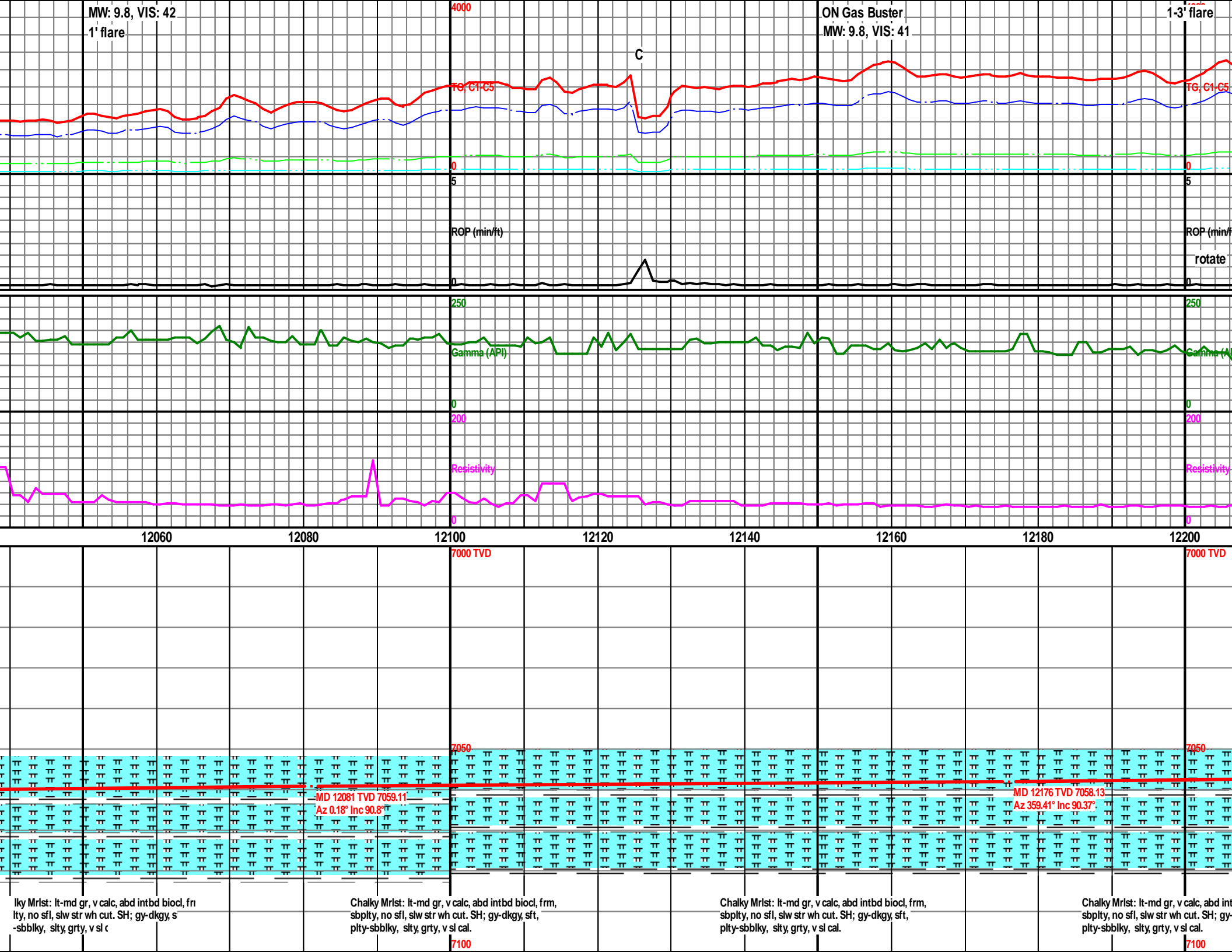


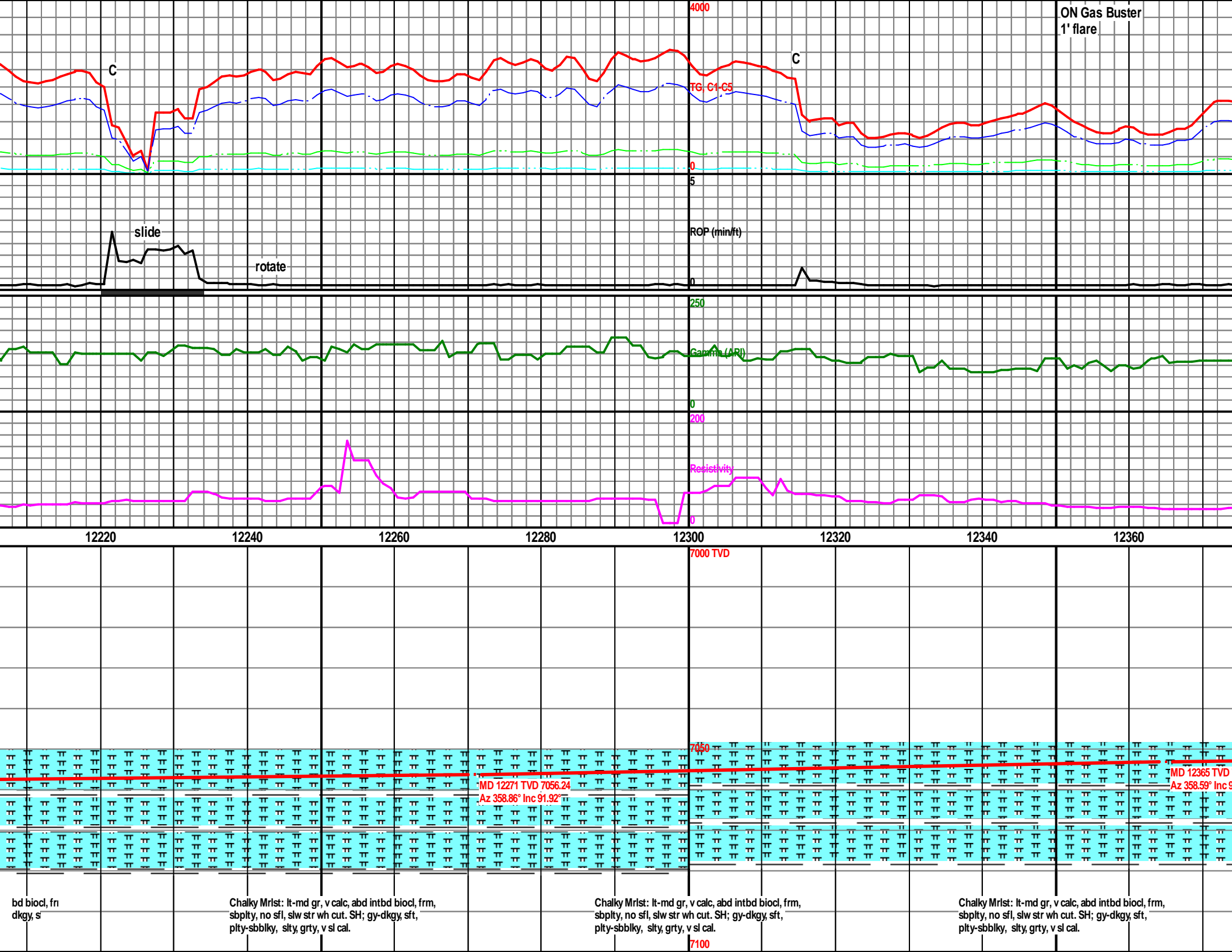


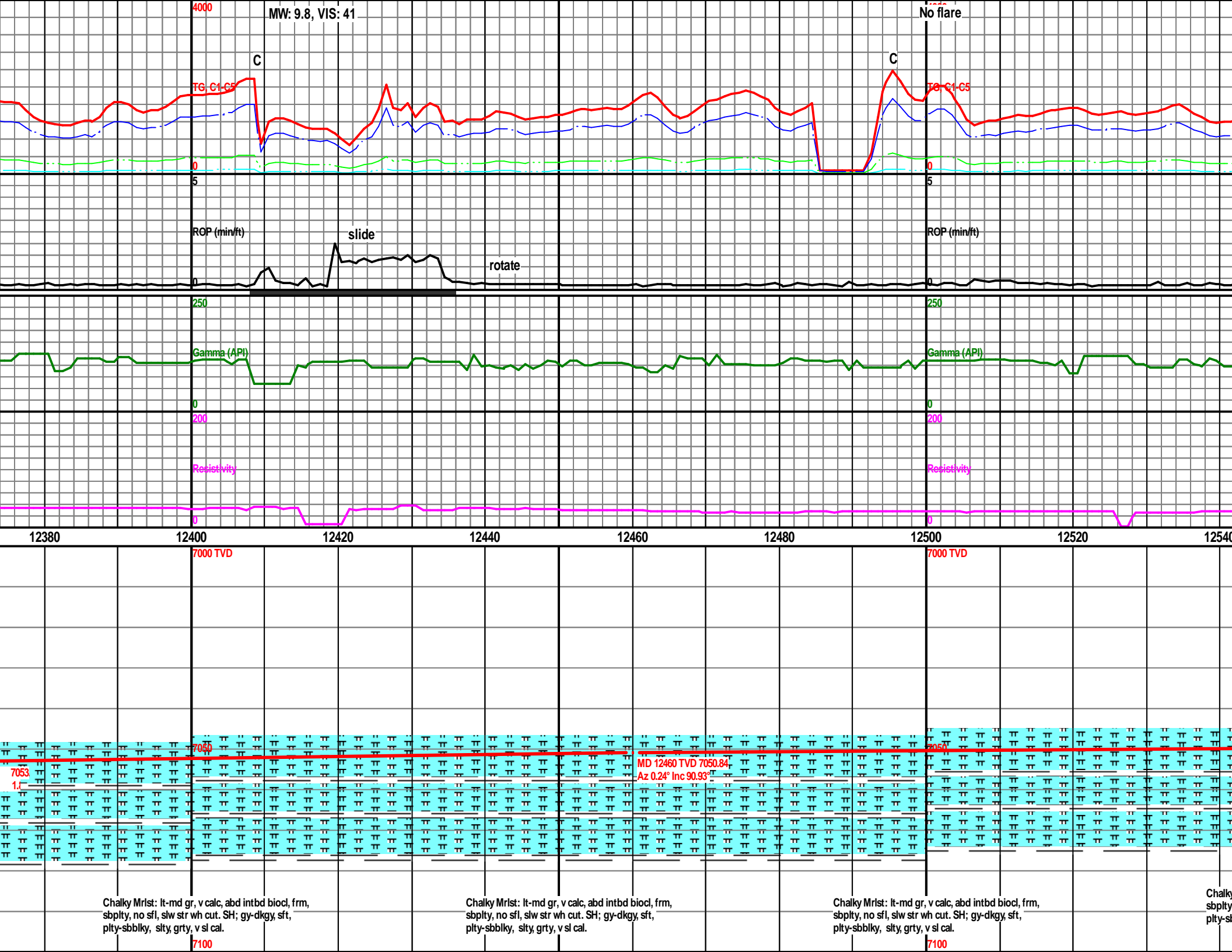


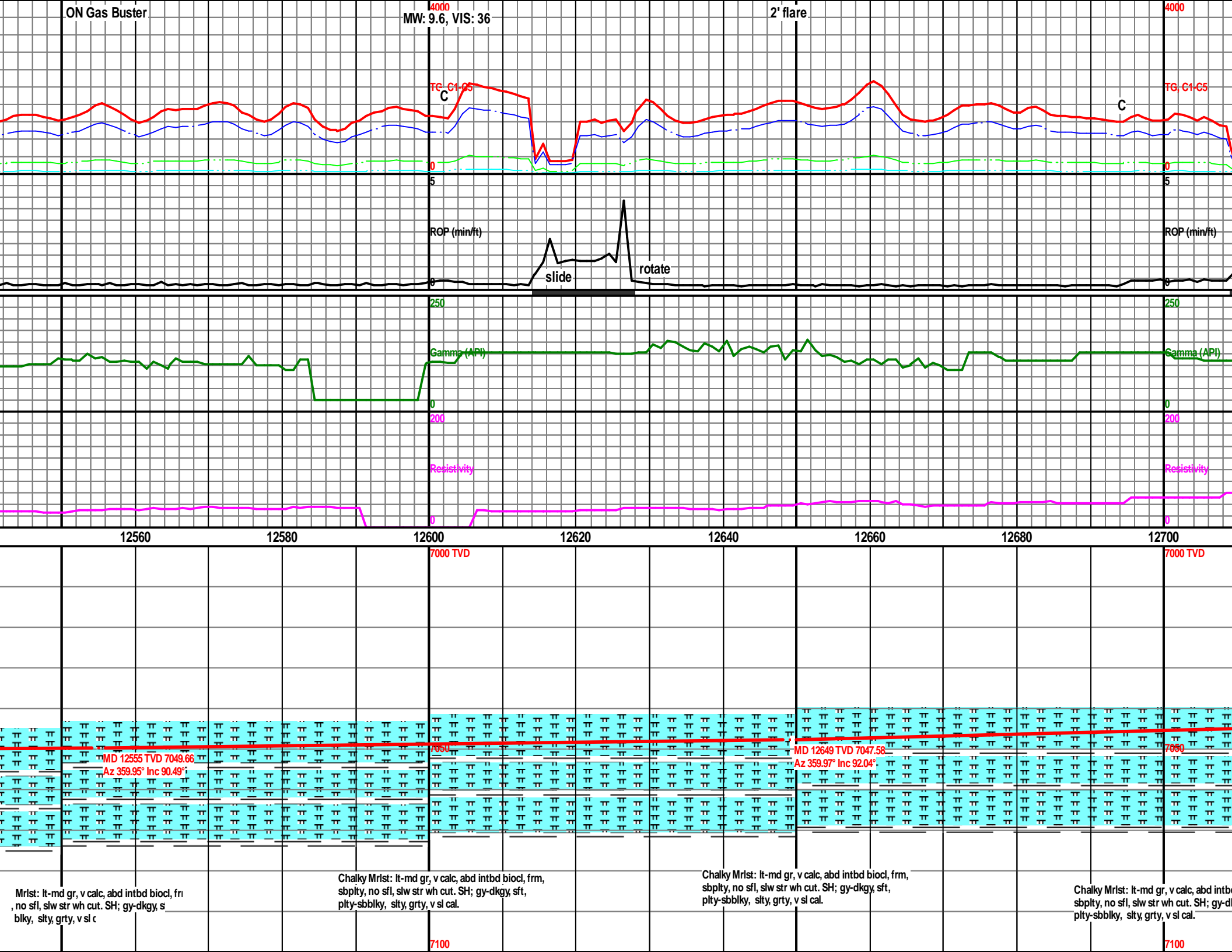




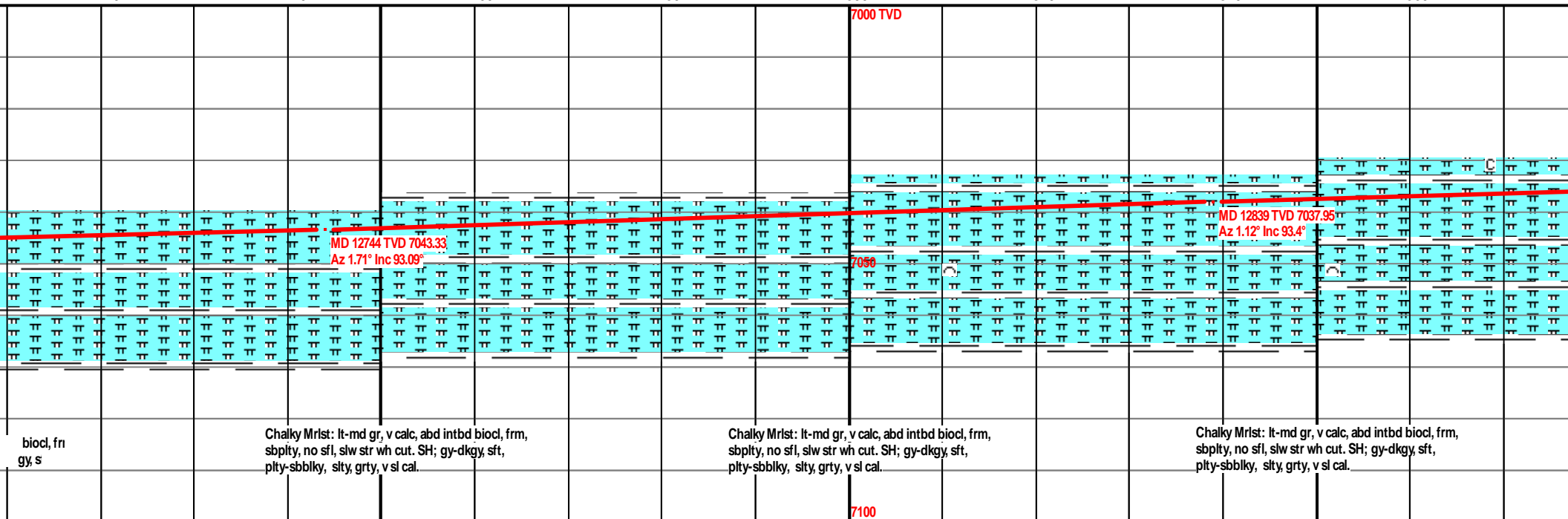






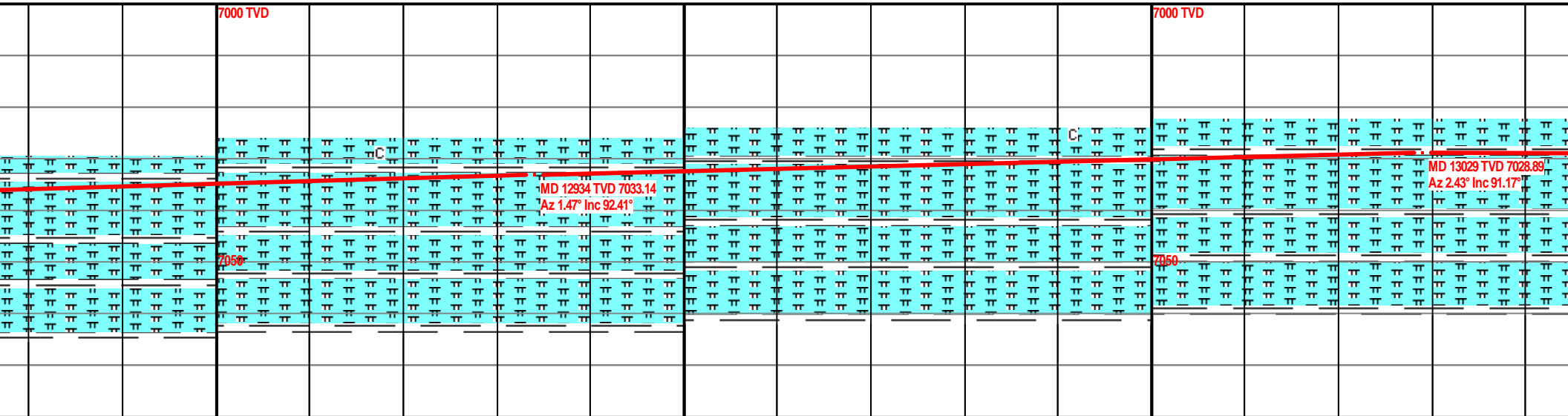
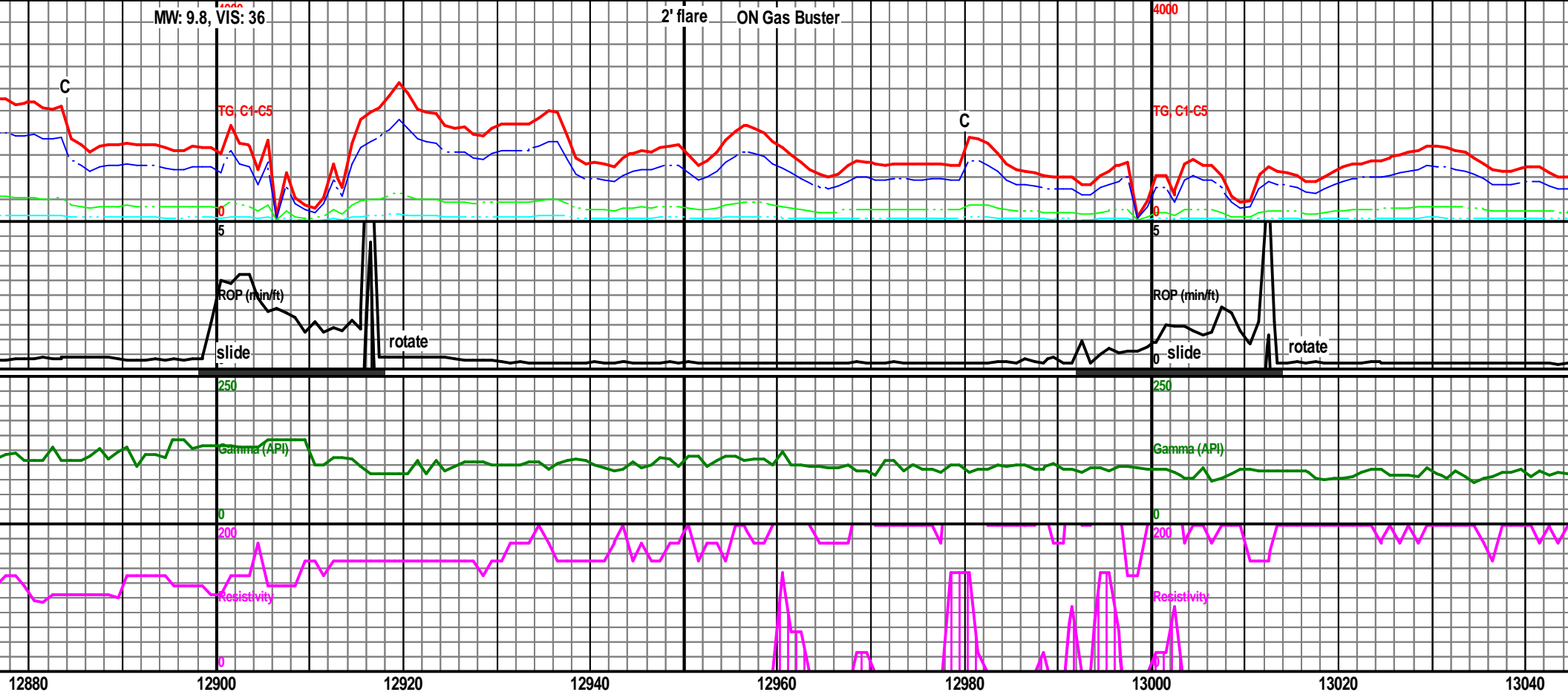


MW: 9.8, VIS: 36



MW: 9.8, VIS: 36

2' flare ON Gas Buster

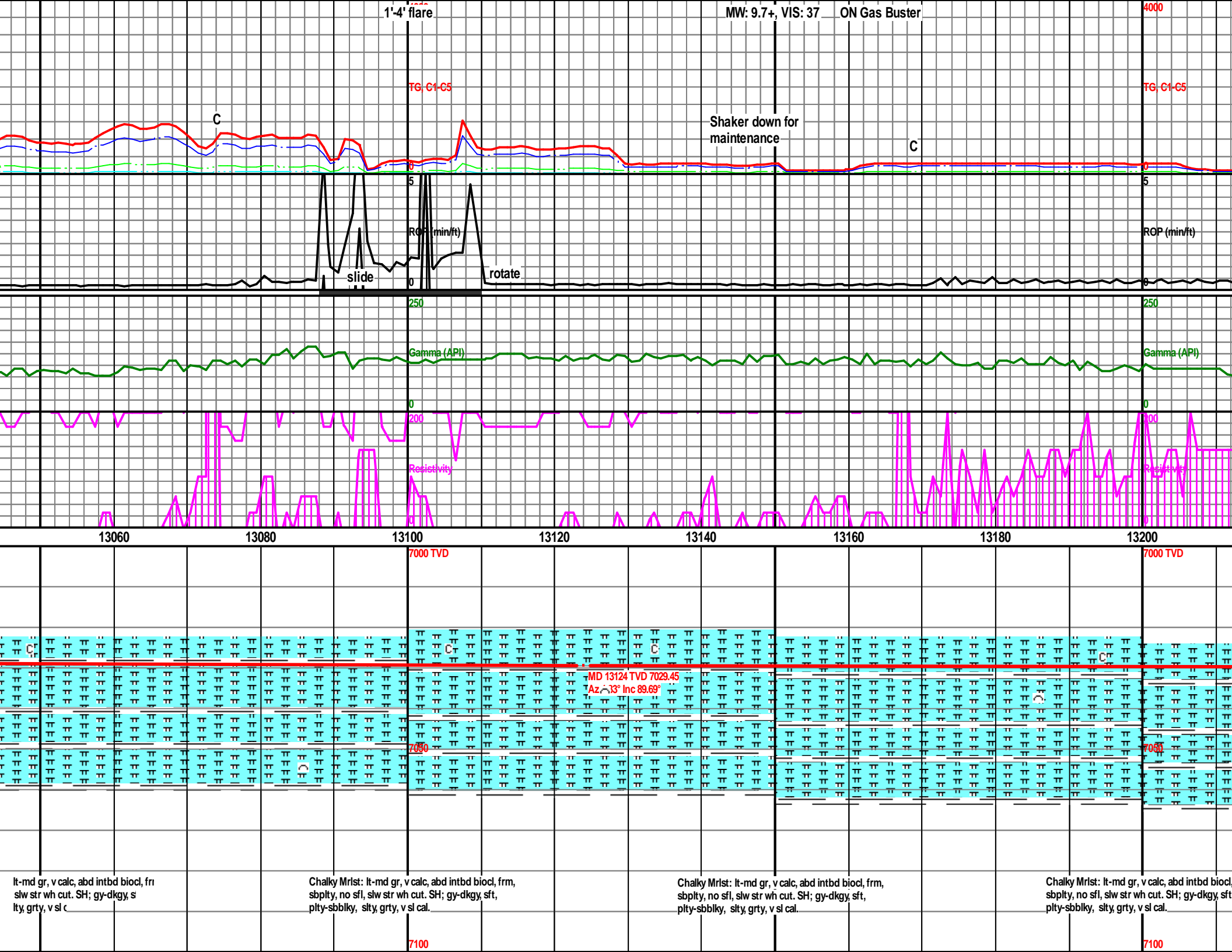


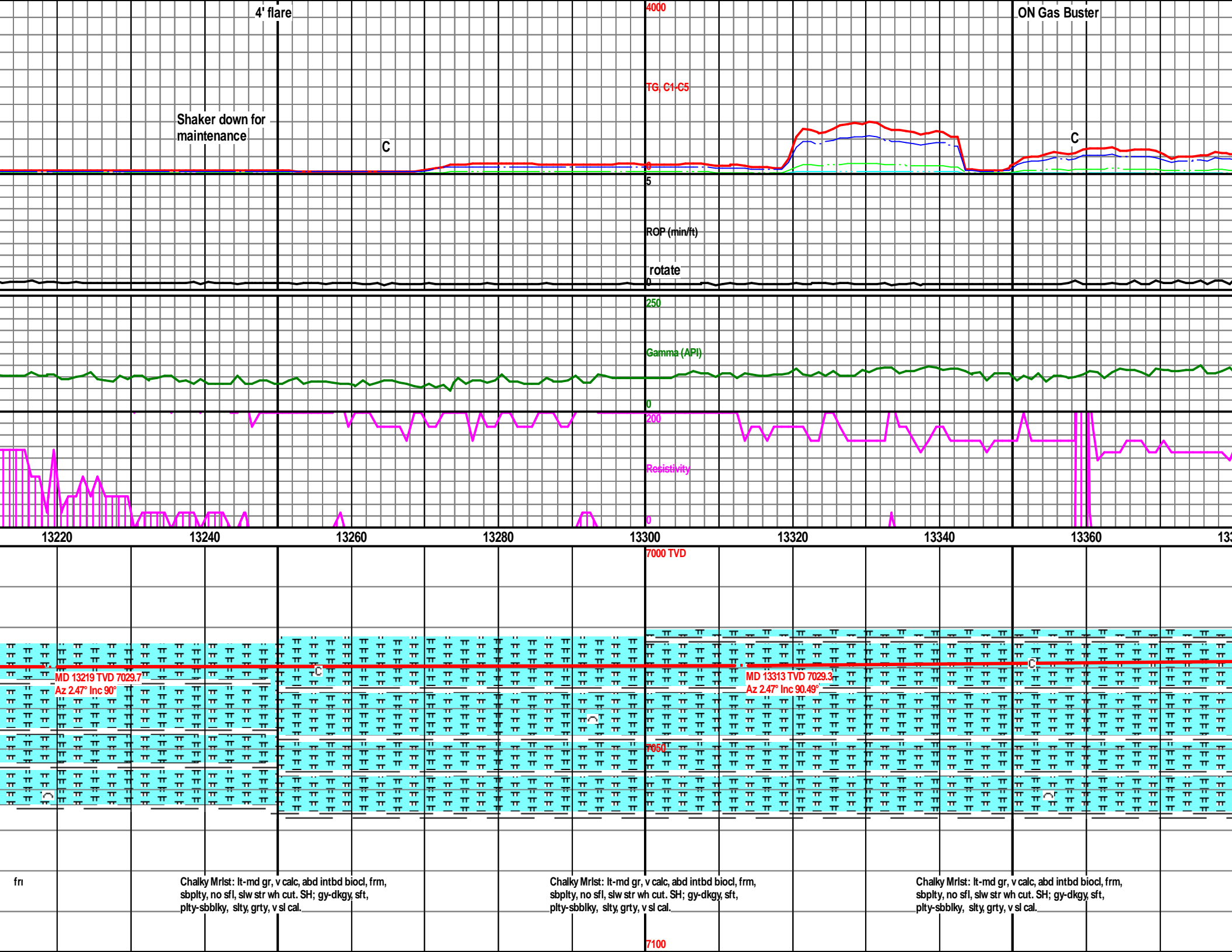
Chalky Mrlst: lt-md gr, v calc, abd intbd biocl, frm, sbpity, no sfl, slw str wh cut. SH; gy-dkgy, sft, pty-sbbiky, sity, grty, v sl cal.

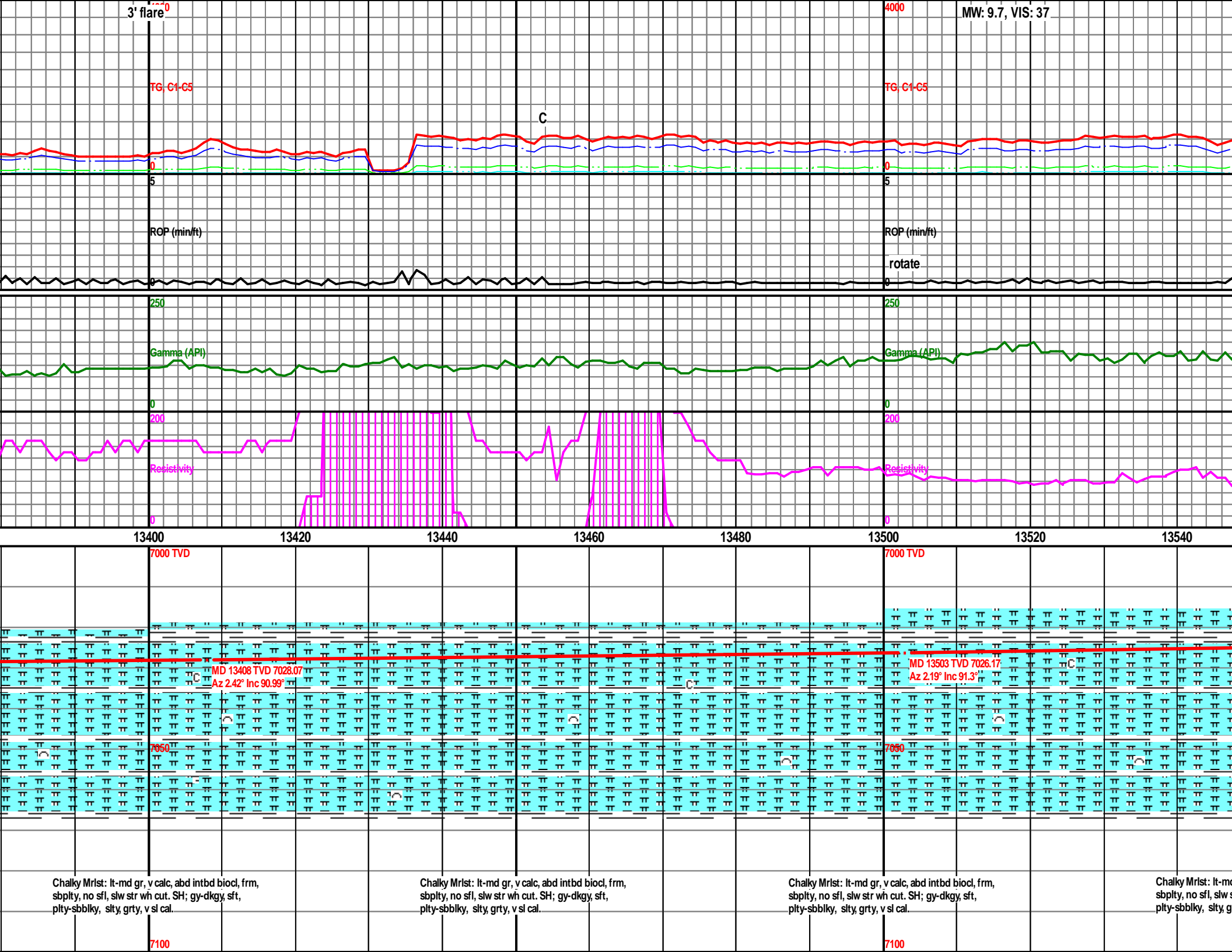
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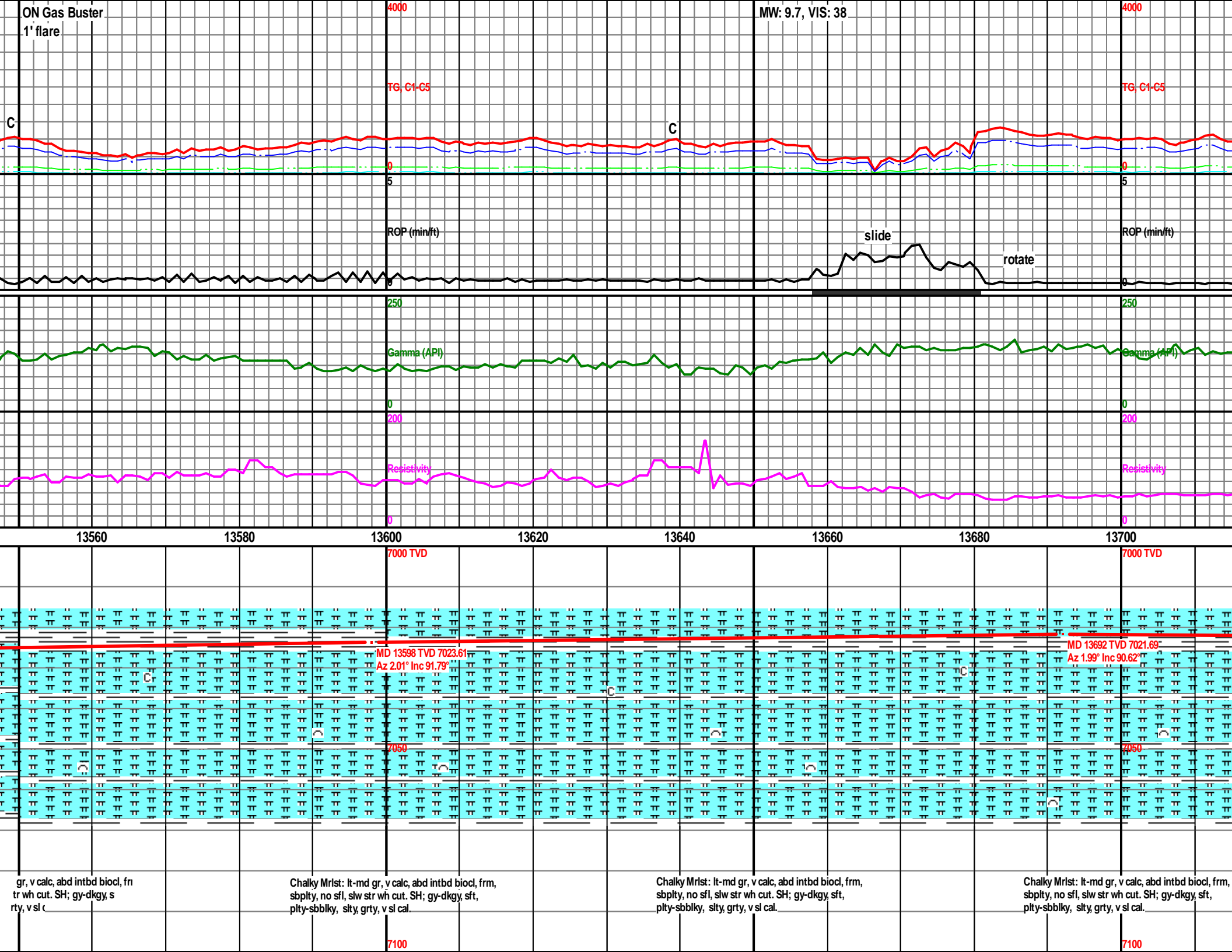
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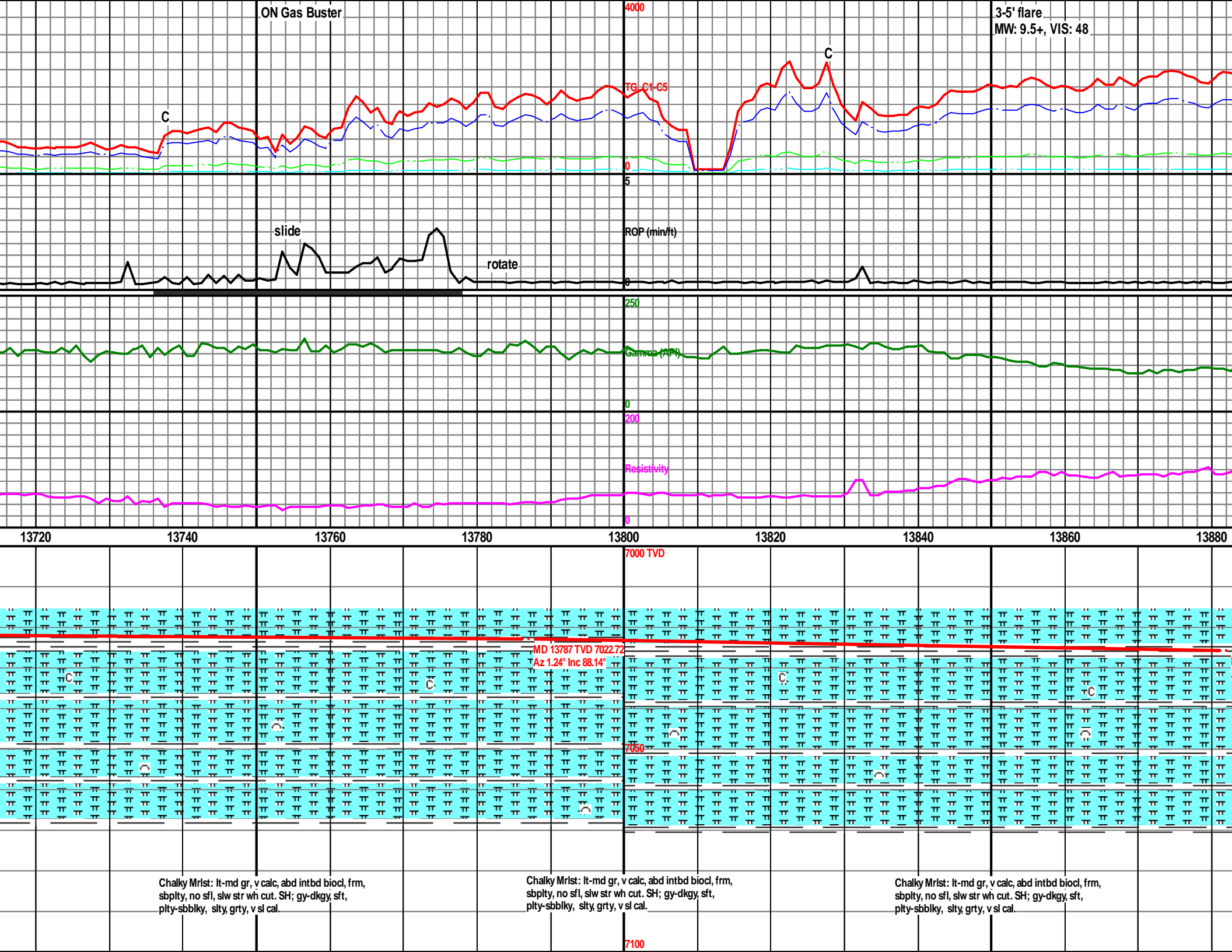
Chalky Mrlst: sbpity, no sfl, pty-sbbiky, s

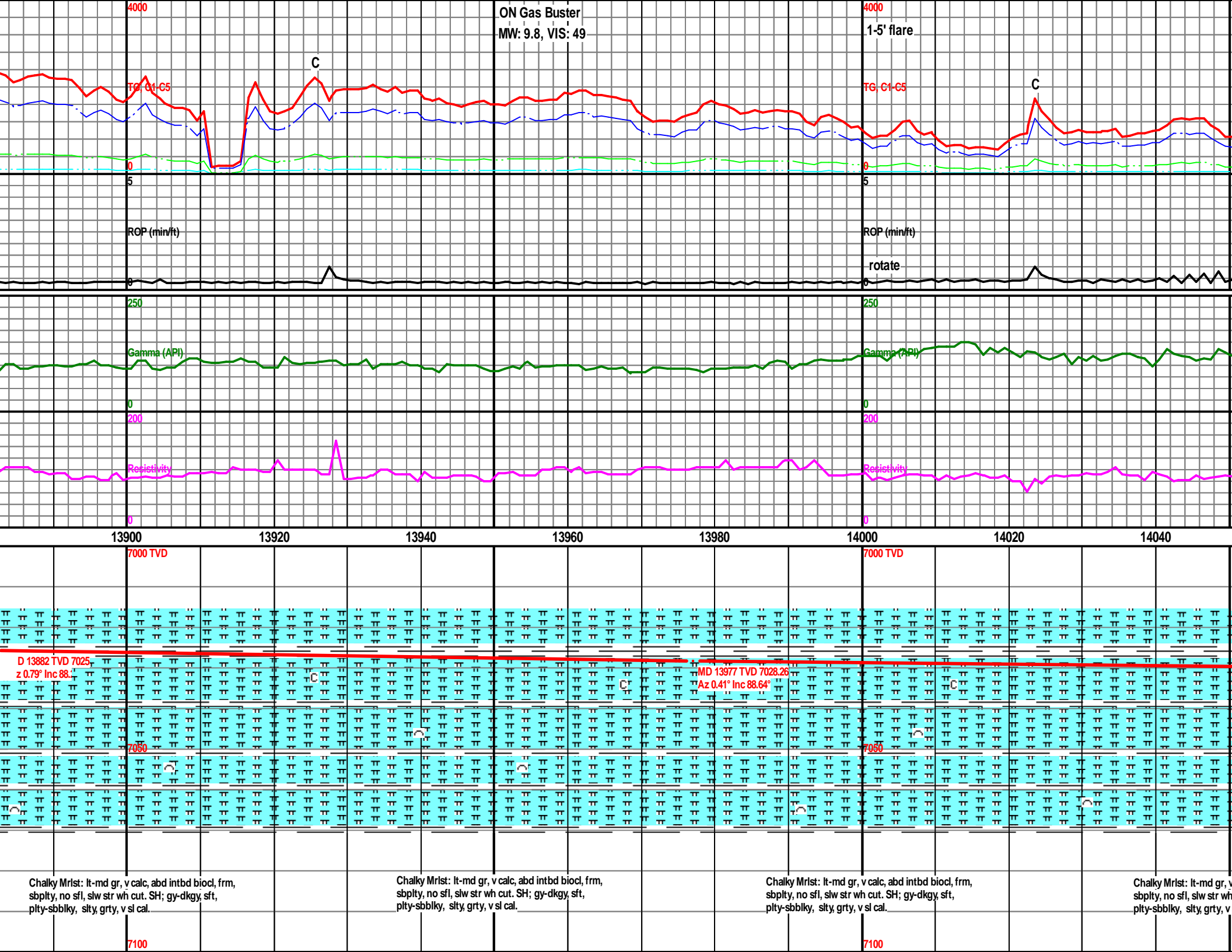












MW: 9.8, VIS: 45

1-3' flare
MW: 9.8, VIS: 51

10' flare on casing trip, gas
buster on
2 man unit released 1/7/13

