



**Scale 1:240 (5"=100') Imperial
Measured Depth Log**

Well Name: RAZOR 26I-2313A
Location: NESE 26-T10N-R58W Weld County, Colorado
License Number: 05-123-38485
Spud Date: 5/25/2014
Surface Coordinates: Lat.: 40.808522 Long.: -103.825094

Region: Redtail Field
Drilling Completed: 6/4/2014

Bottom Hole Coordinates: Lat.: 40.831250 Long.: -103.827147

Ground Elevation (ft): 4712
Logged Interval (ft): 5050 **To:** 13785
Formation: Pierre, Sharon Springs, Niobrara
Type of Drilling Fluid: Water Based Mud

K.B. Elevation (ft): 4734
Total Depth (ft): 13785

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

OPERATOR

Company: Whiting Oil & Gas Corp.
Address: 1700 Broadway Suite 2300
Denver, CO 80290

GEOLOGIST

Name: Craig Dreiling, Camille Warren
Company: Acme Geologic Consulting
Address: 108 Berry Street
Little Rock, AR 72205

Drilling Company

Frontier
Rig #26

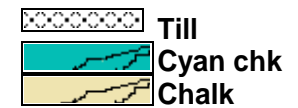
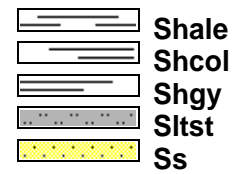
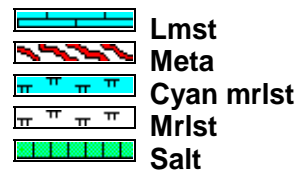
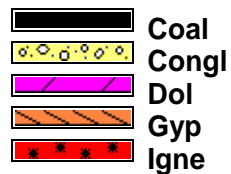
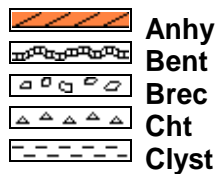
Gas Detection

Mudlogging Systems, Inc., M Logger, Model TGC, Total Gas and Chromatograph, #317

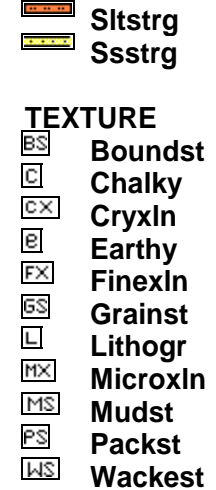
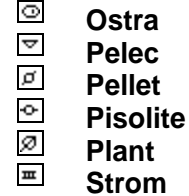
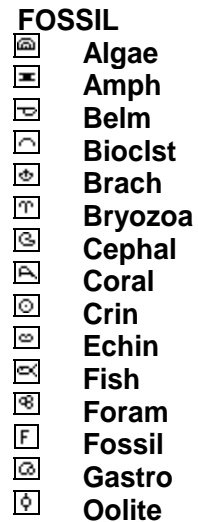
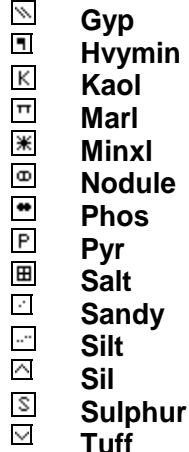
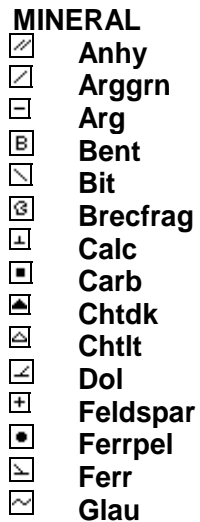
Comments

Lithologies and tops at drilled depths, not corrected to elogs. Where the well bore gas is 100% methane, the C1 line is moved to 85% for graphical purposes only.

ROCK TYPES



ACCESSORIES







OTHER SYMBOLS

POROSITY
 Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic

 Pinpoint
 Vuggy

SORTING
 Well
 Moderate
 Poor

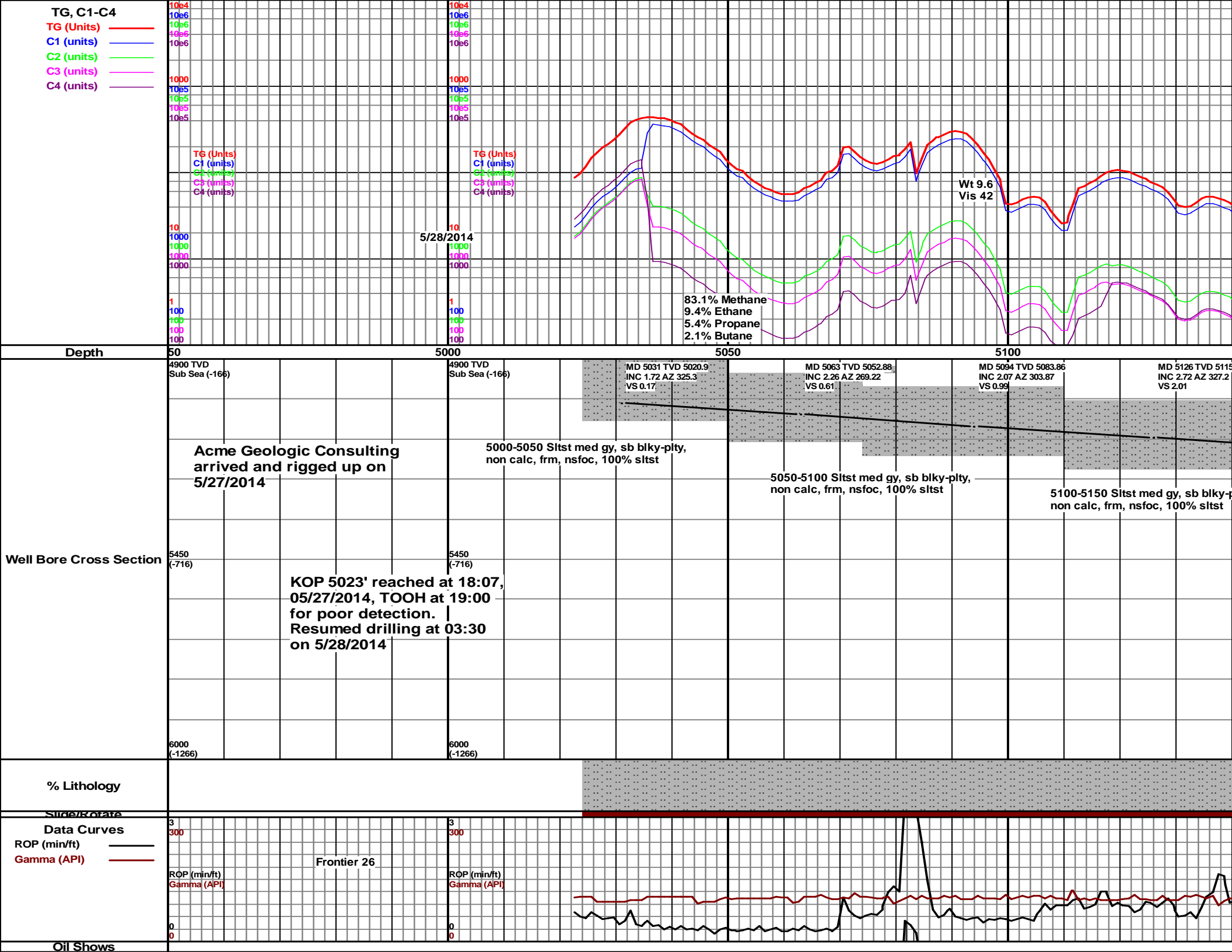
ROUNDING
 Rounded
 Subrnd
 Subang
 Angular

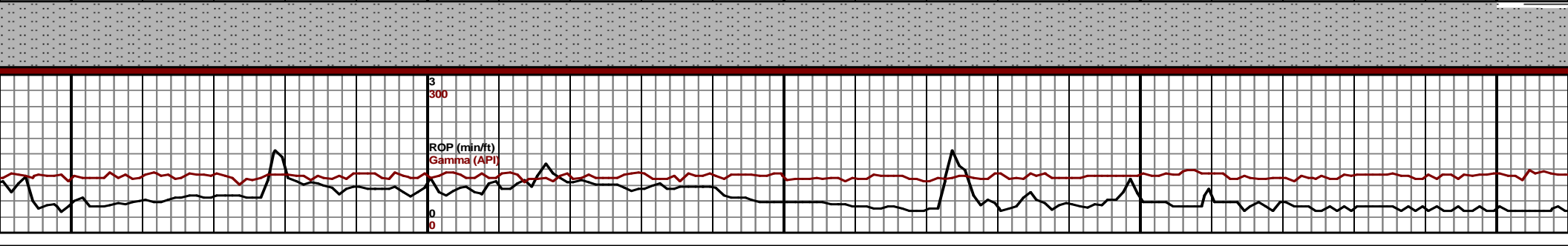
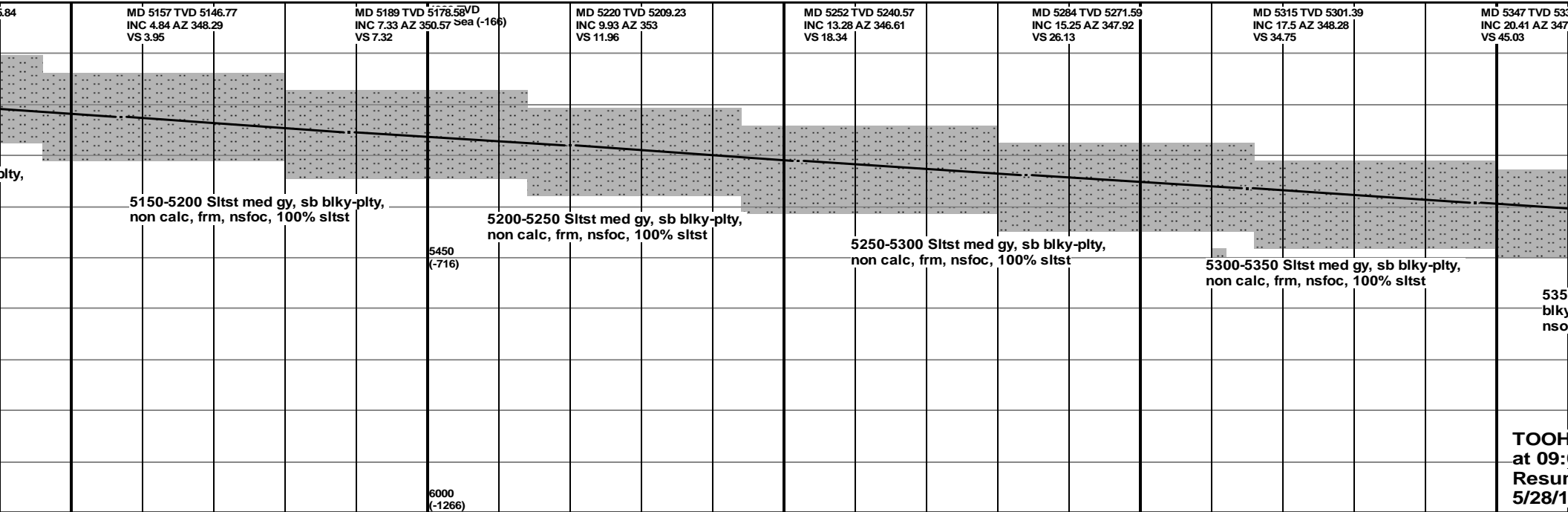
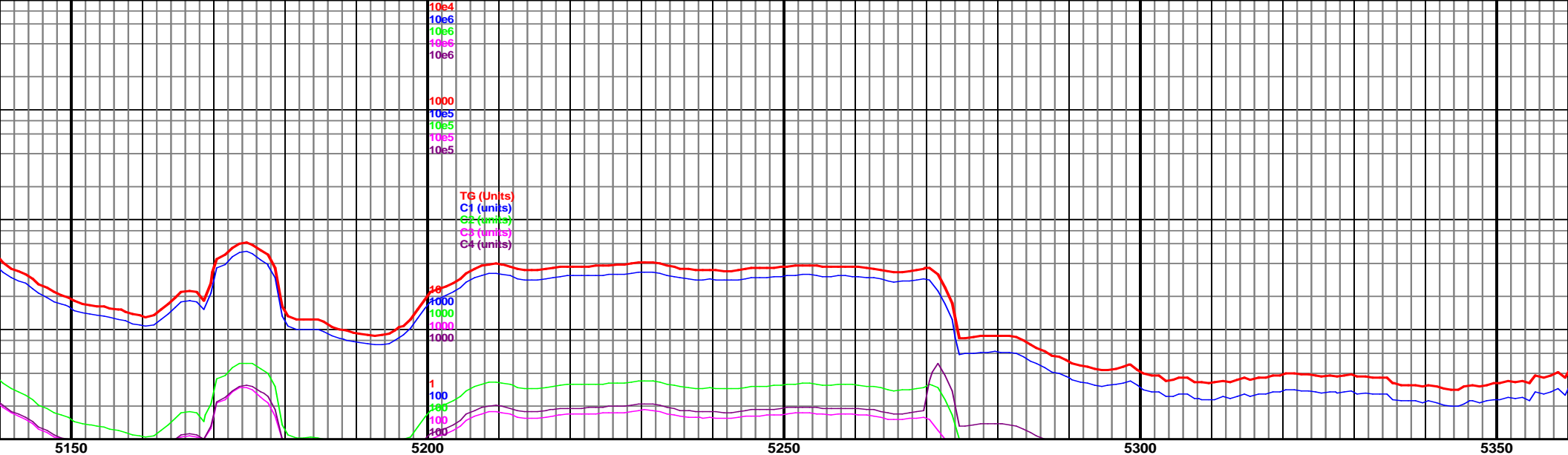
OIL SHOW
 Good
 Fair
 Poor

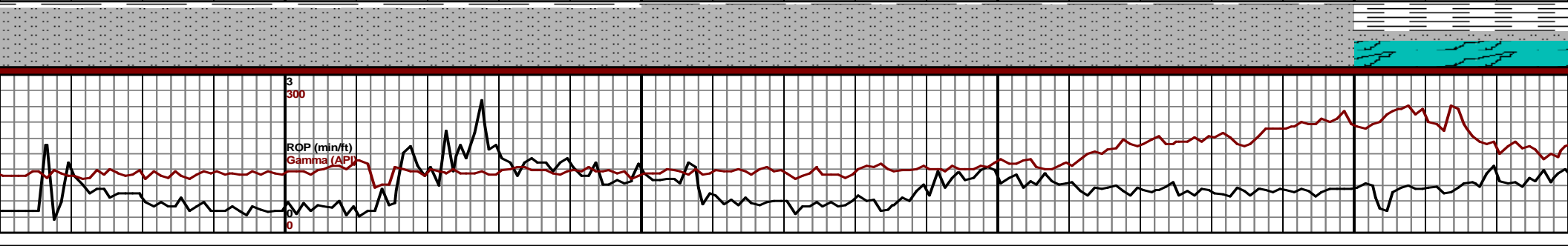
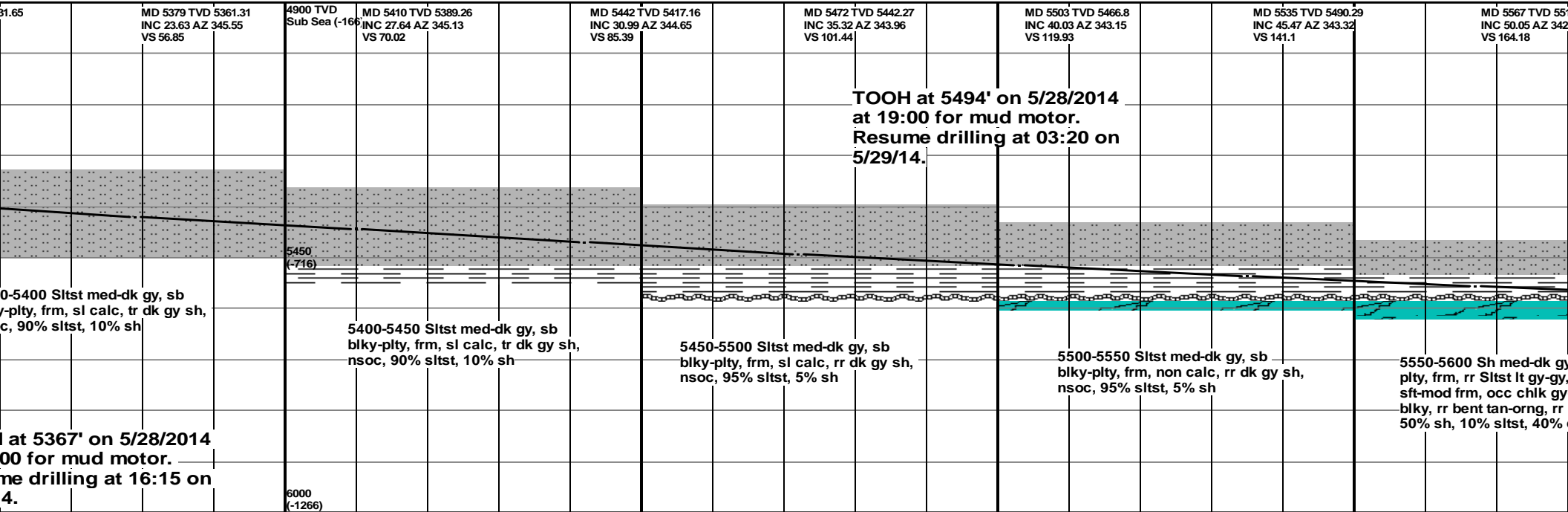
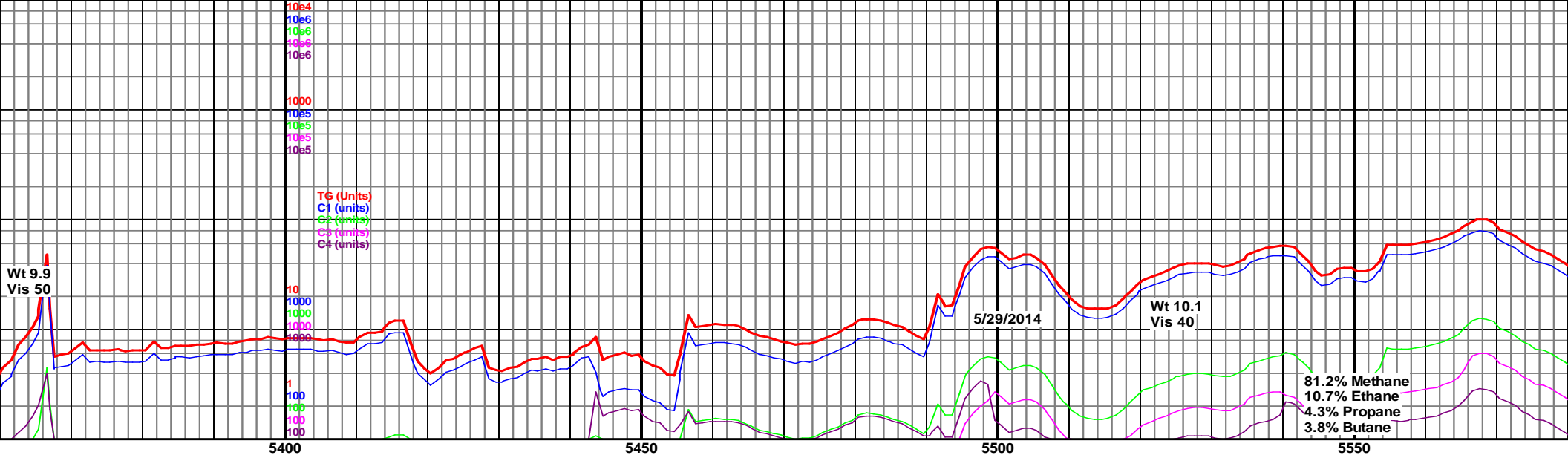
INTERVAL
 Core

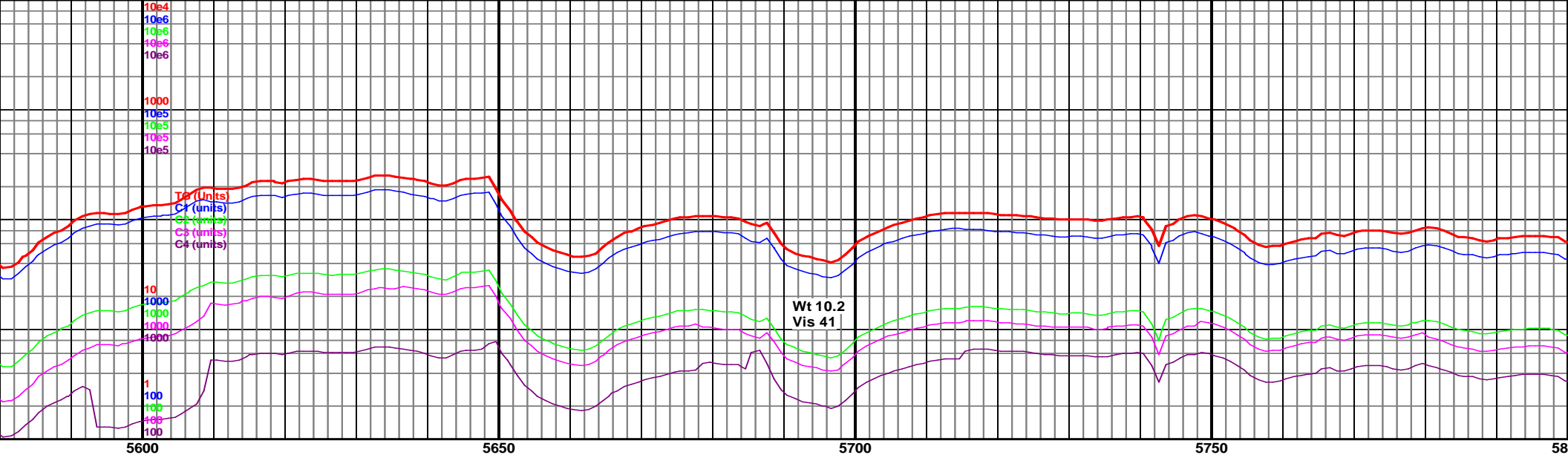
 Dst

EVENT
 Rft
 Sidewall

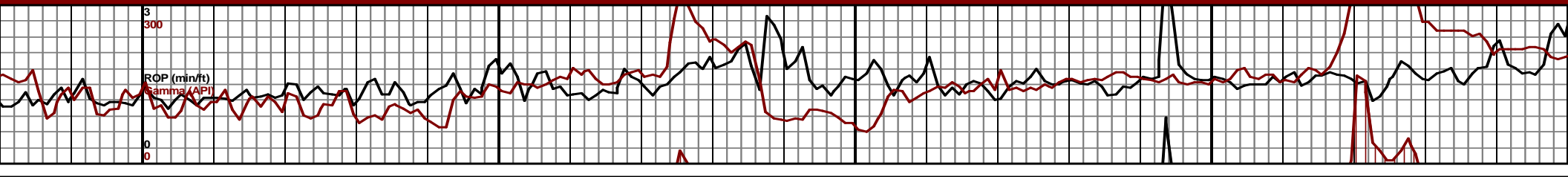
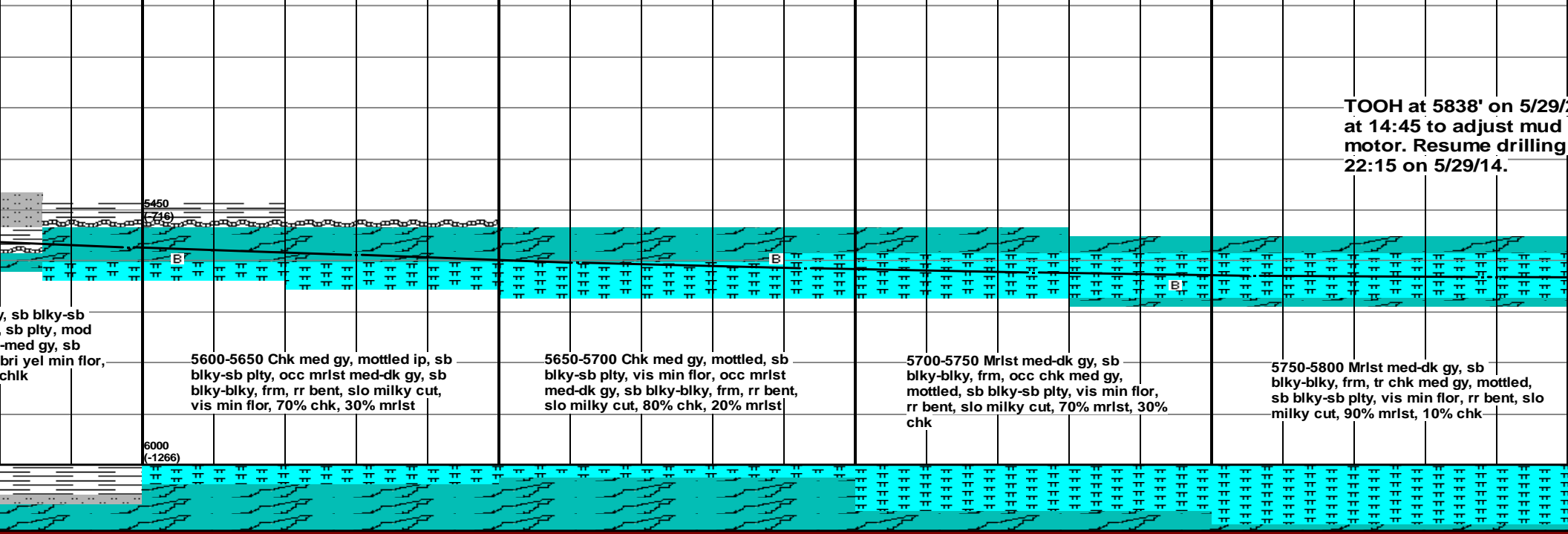


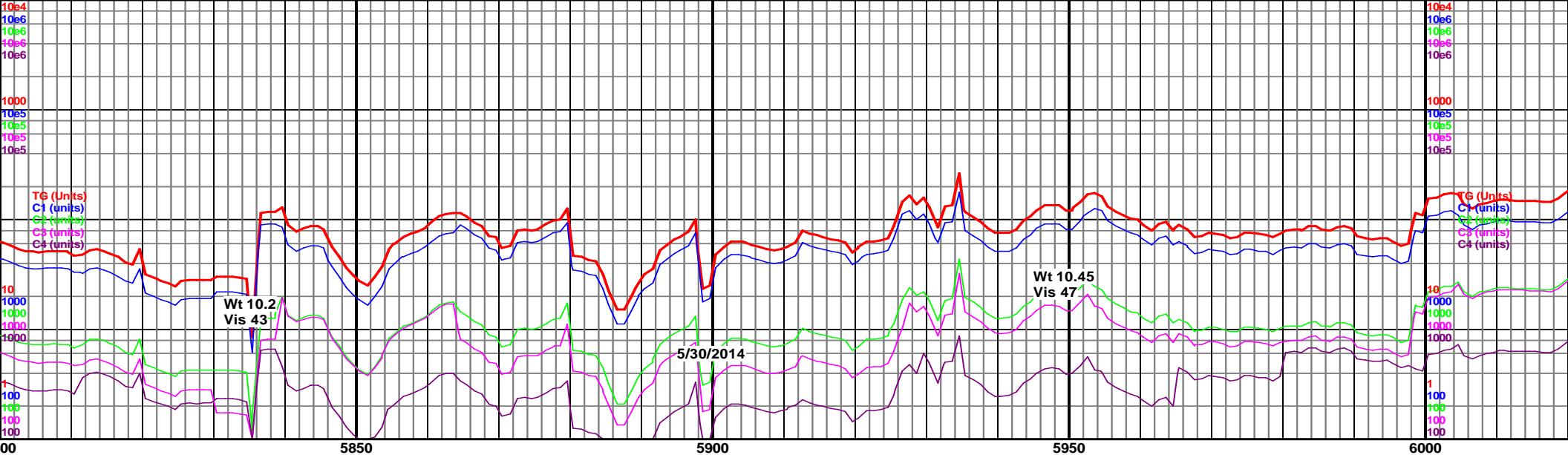






11.79 1.78	MD 5598 TVD 5530.81 INC 54.26 AZ 342.77 VS 187.99	MD 5630 TVD 5548.25 INC 59.65 AZ 342.84 VS 214.09	MD 5661 TVD 5562.73 INC 64.65 AZ 342.87 VS 240.77	MD 5693 TVD 5575.23 INC 69.35 AZ 343.86 VS 269.49	MD 5725 TVD 5585 INC 75.07 AZ 343.77 VS 299.25	MD 5756 TVD 5591.59 INC 80.37 AZ 344.79 VS 328.89	MMD 5790 TVD INC 85.34 AZ VS 361.97
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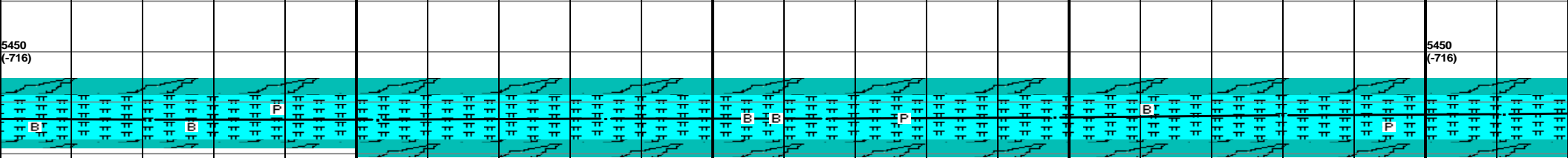




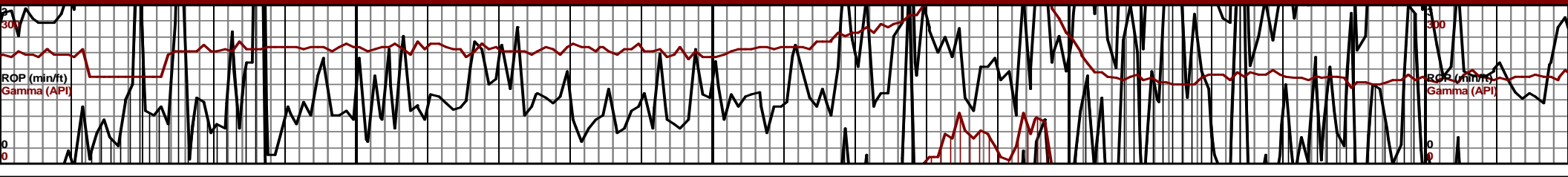
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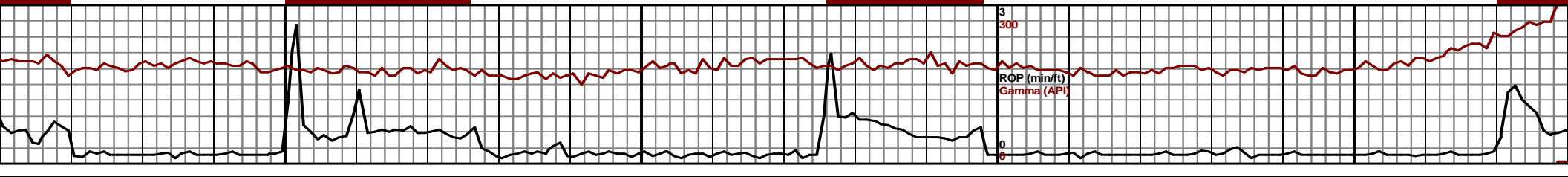
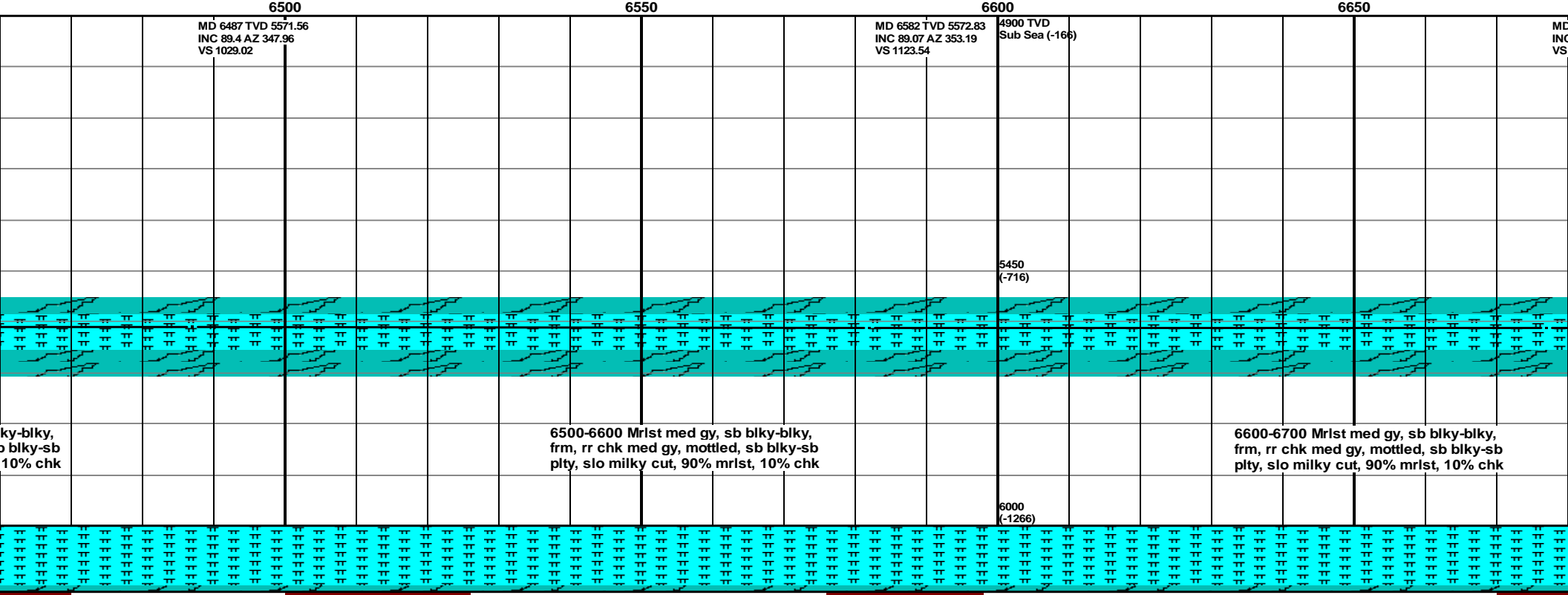
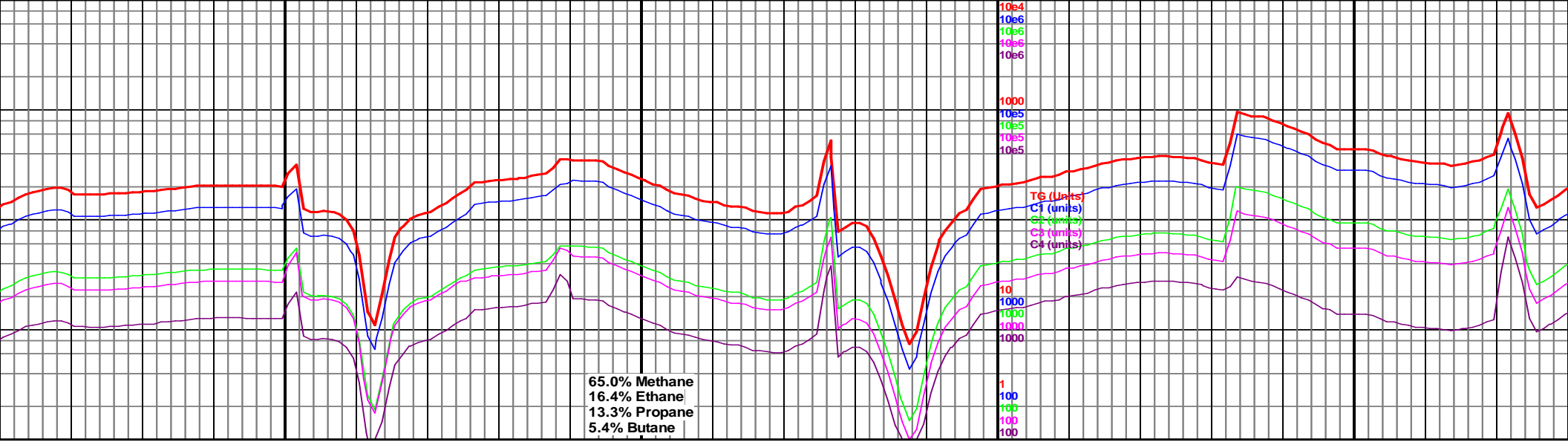
2014

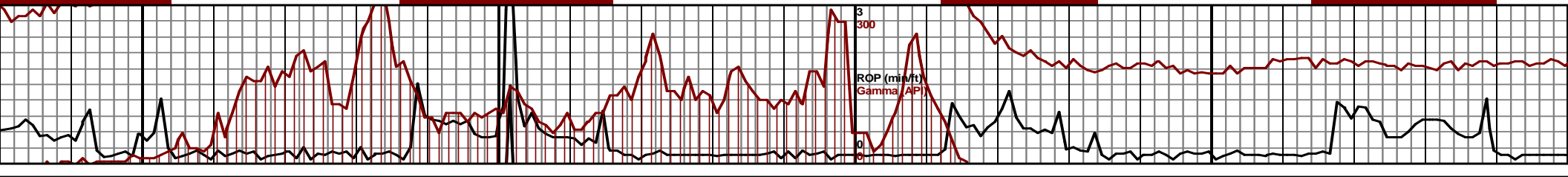
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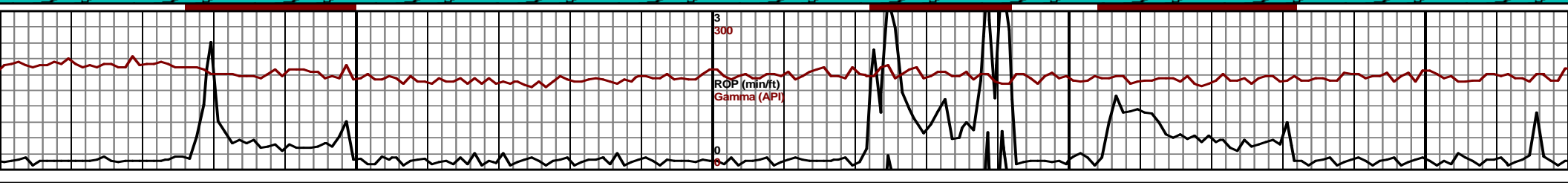
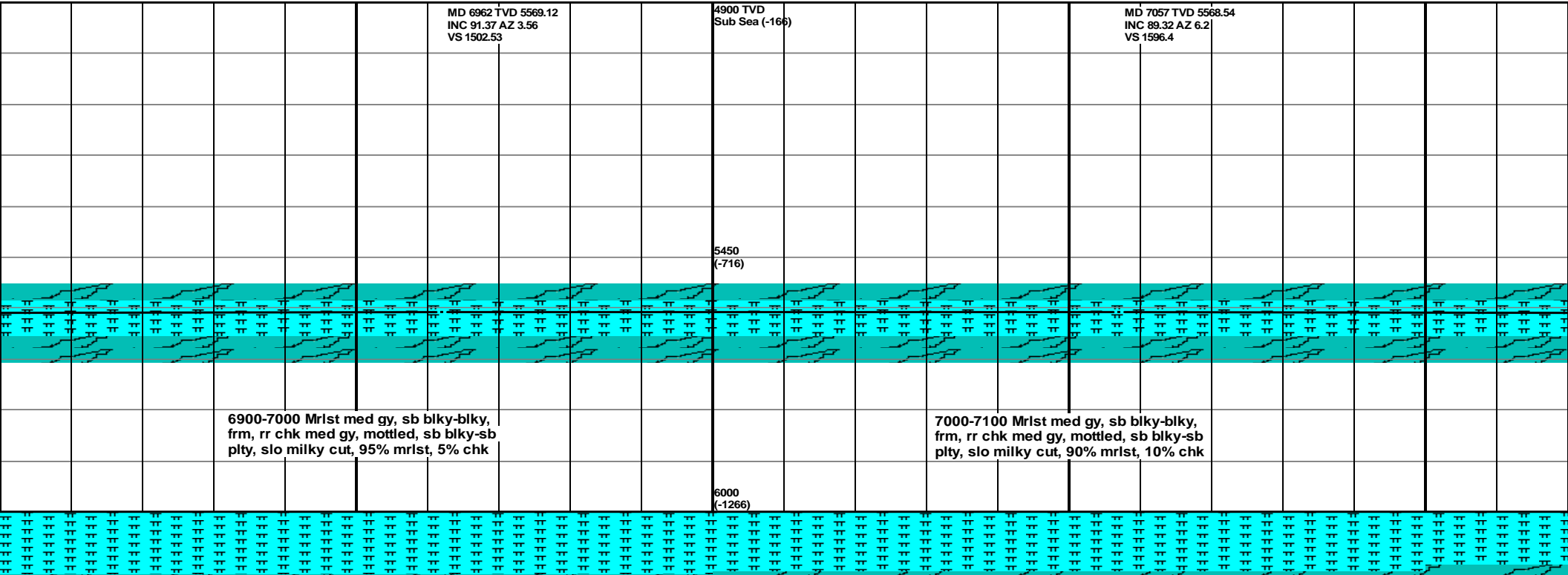
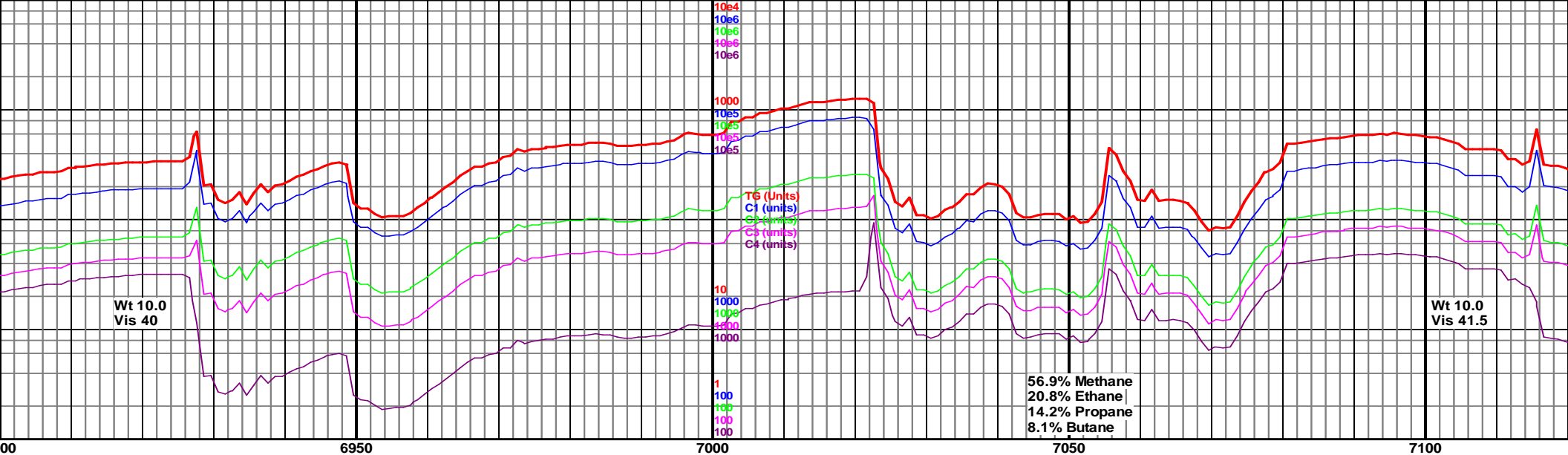


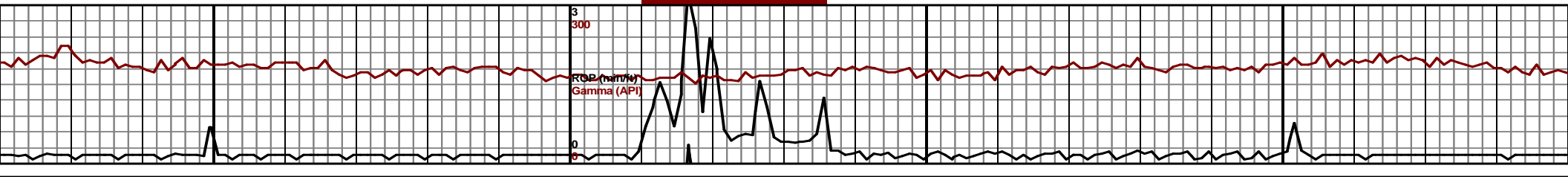
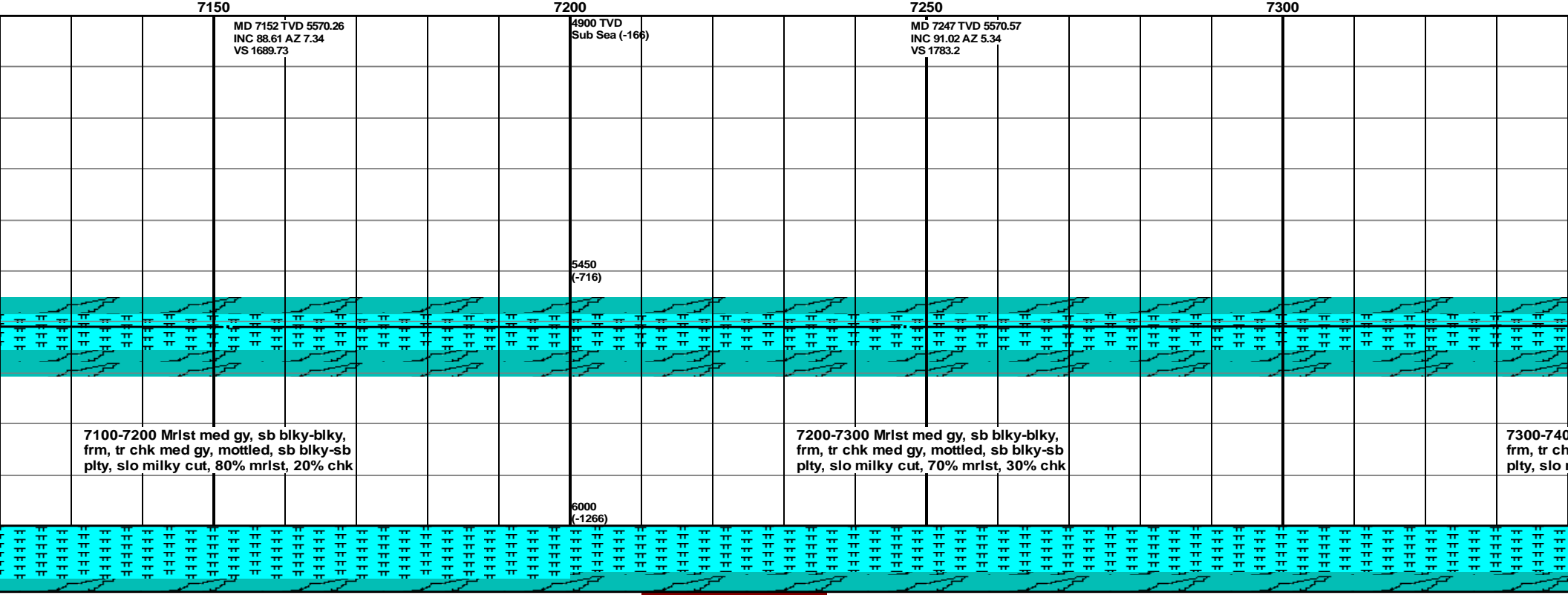
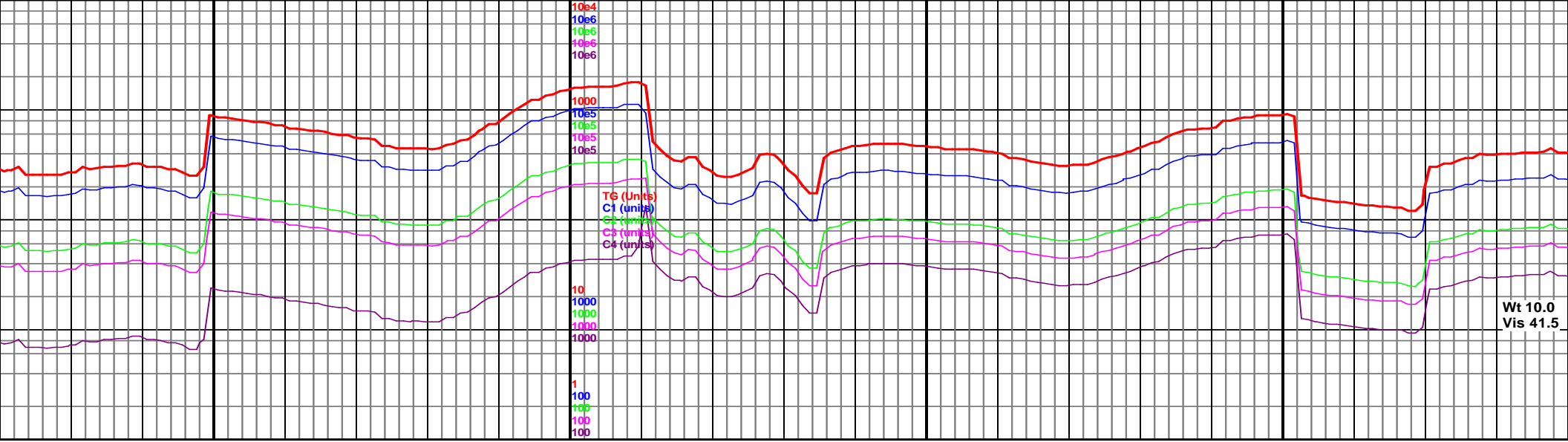
5800-5850 Mrlst med-dk gy, sb blky-blky, frm, occ chk med gy, mottled, sb blky-sb plty, vis min flor, rr bent, rr pyr, slo milky cut, 75% mrlst, 25% chk	5850-5900 Mrlst med-dk gy, sb blky-blky, frm, rr chk med gy, mottled, sb blky-sb plty, vis min flor, slo milky cut, 95% mrlst, 5% chk	5900-5950 Mrlst med-dk gy, sb blky-blky, frm, rr chk med gy, mottled, sb blky-sb plty, vis min flor, rr bent, rr pyr, slo milky cut, 95% mrlst, 5% chk	5950-6000 Mrlst med-dk gy, sb blky-blky, frm, rr chk med gy, mottled, sb blky-sb plty, vis min flor, rr bent, rr inoc, rr pyr, slo milky cut, 75% mrlst, 25 % chk	6000-6050 Mrlst med-dk gy, sb blky-blky, frm, rr chk med gy, mottled, sb blky-sb plty, vis min flor, rr bent, rr pyr, slo milky cut, 75% mrlst, 25 % chk
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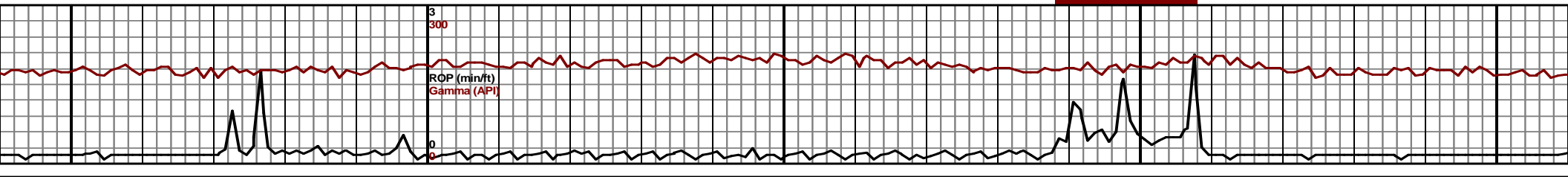
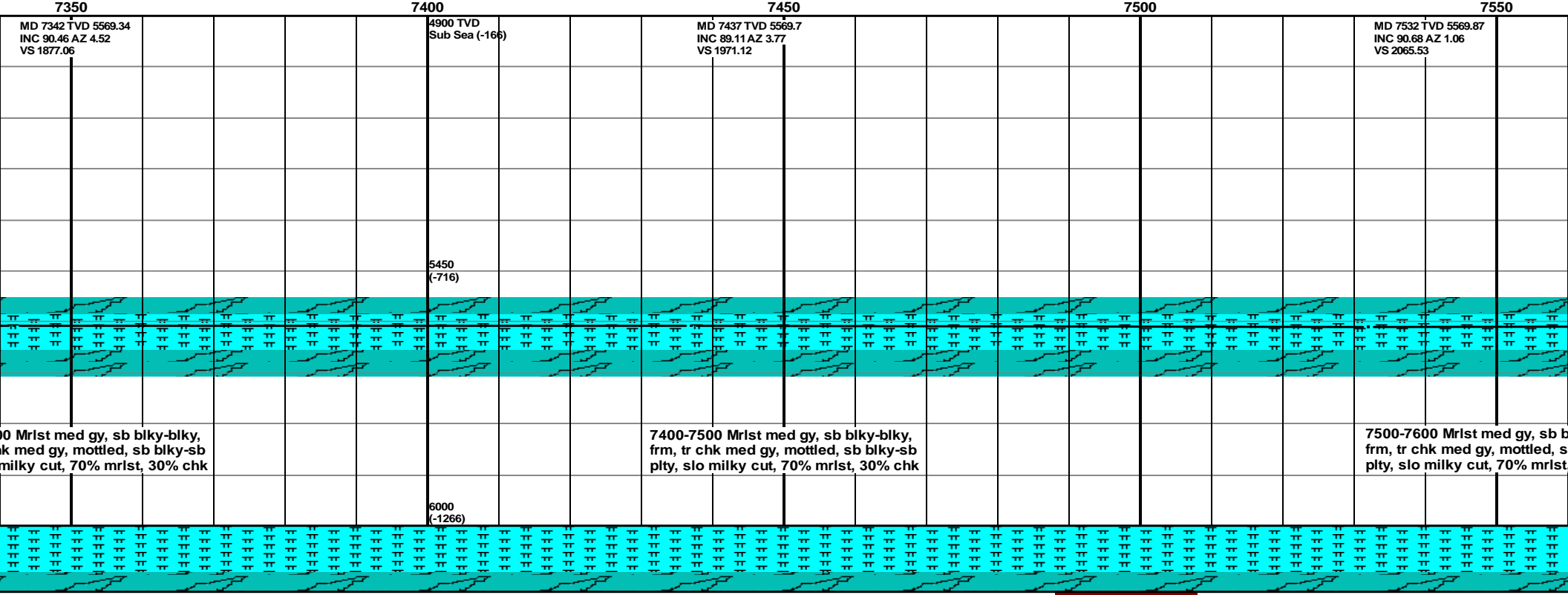
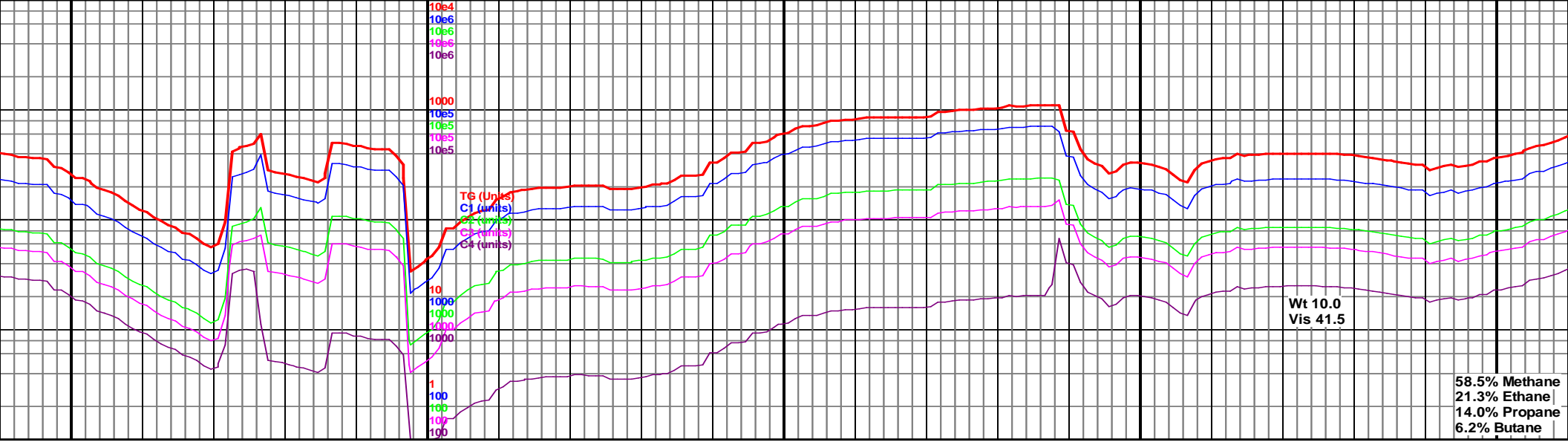


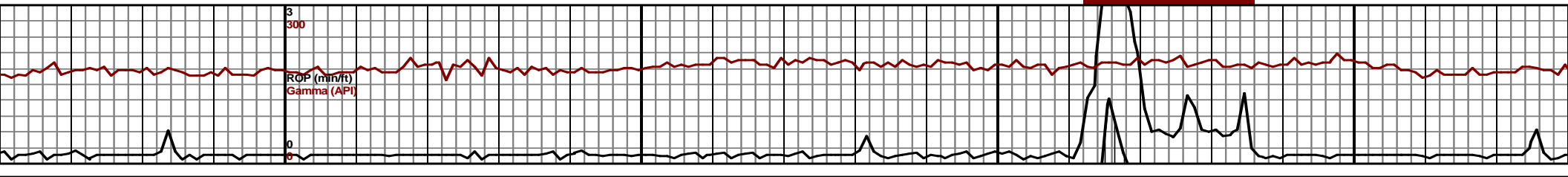
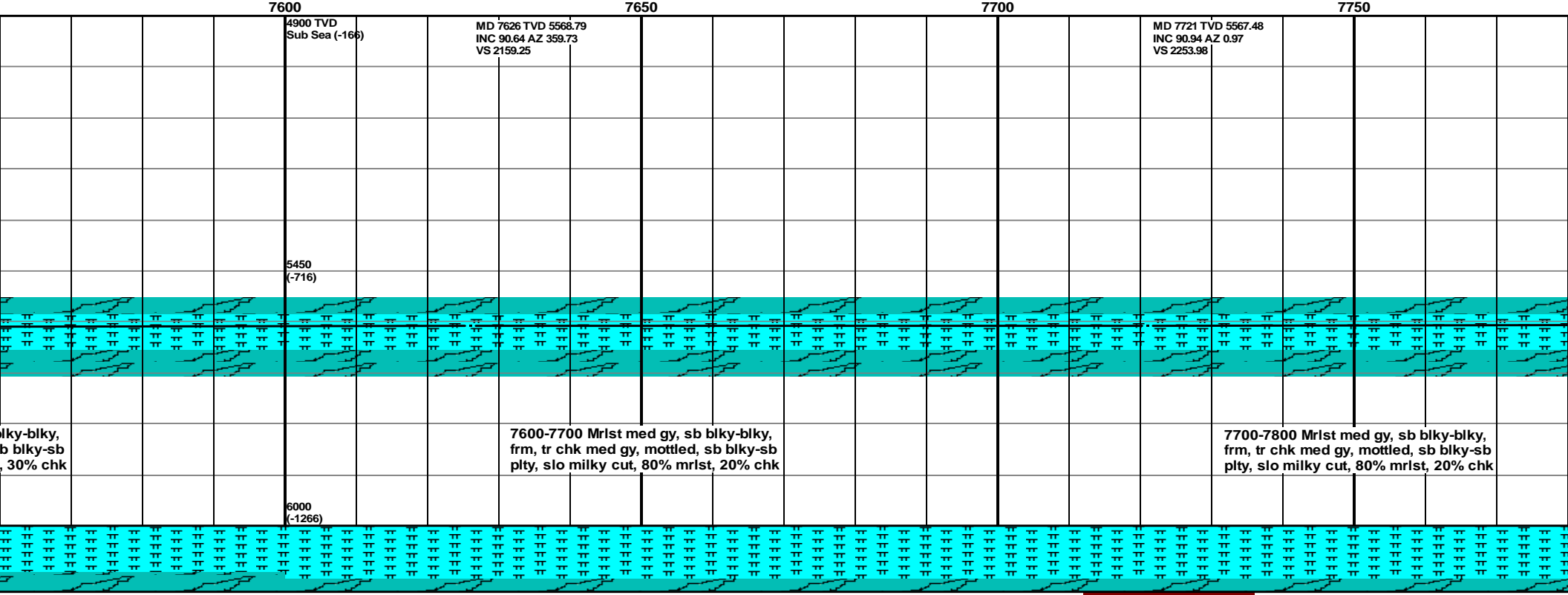
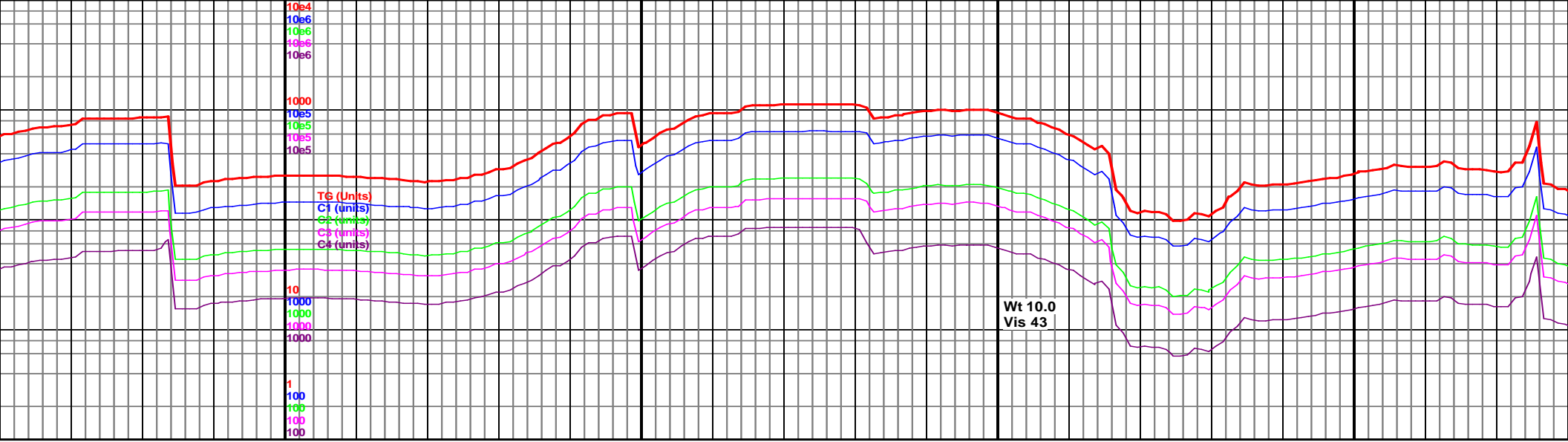


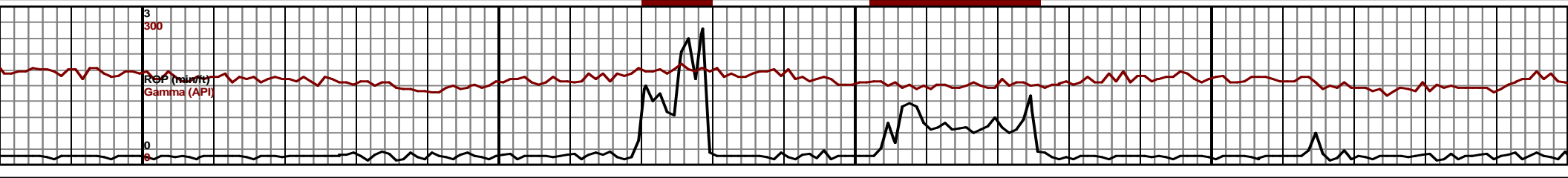
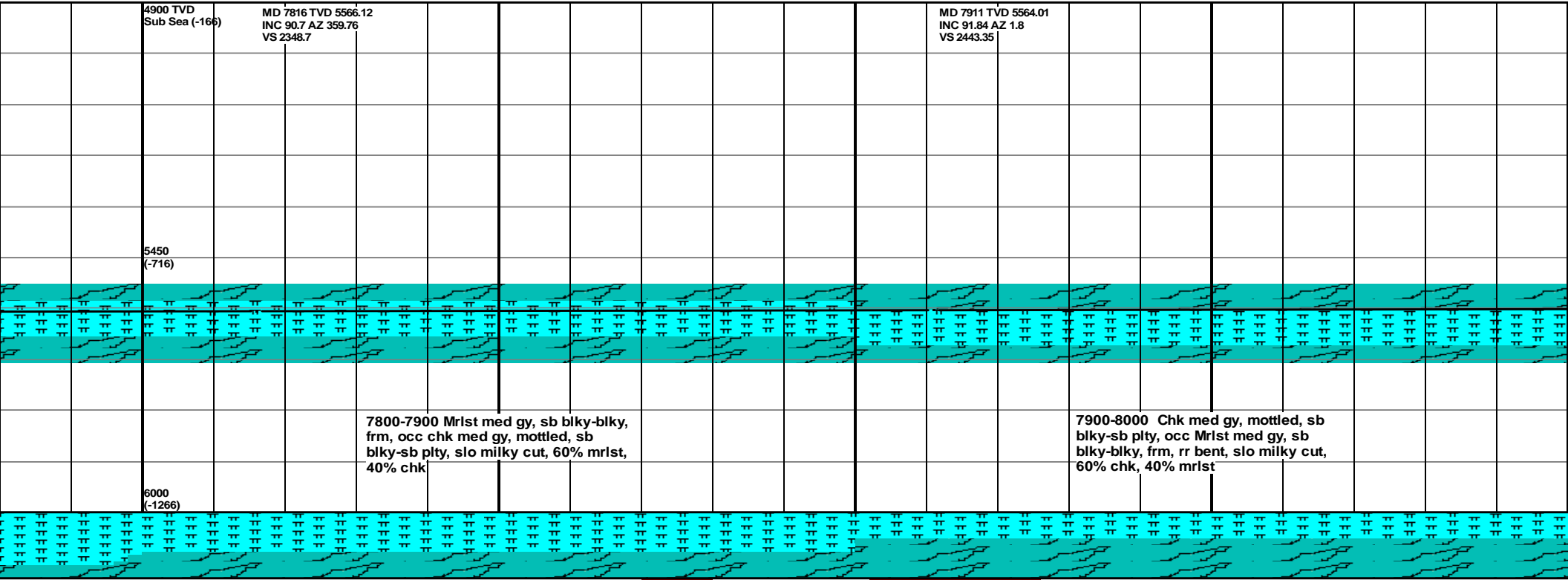
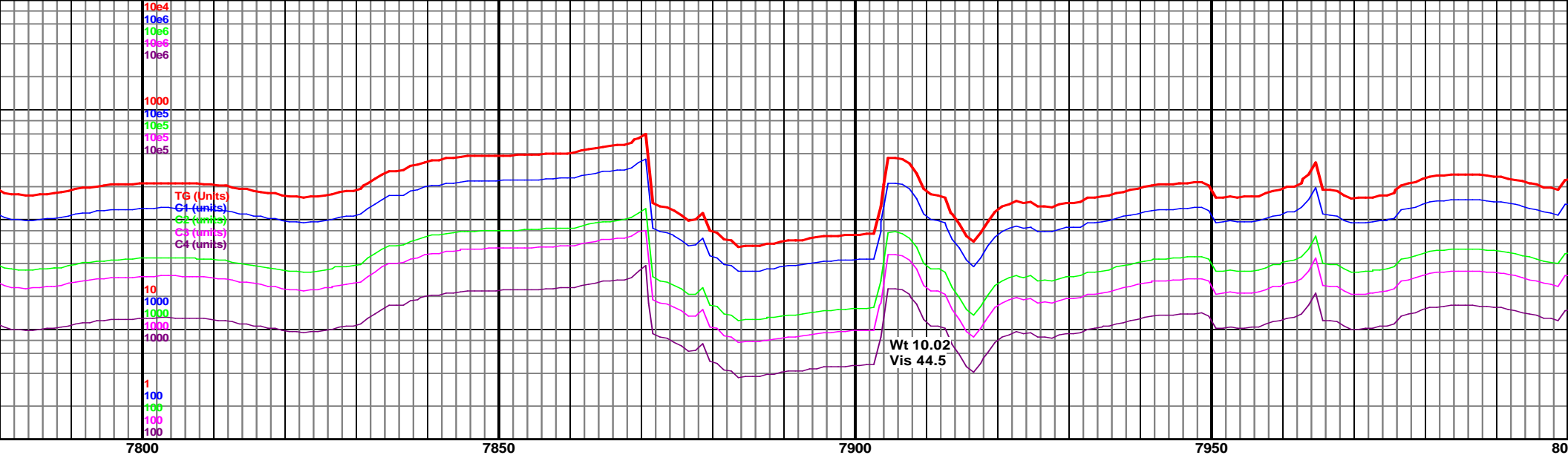


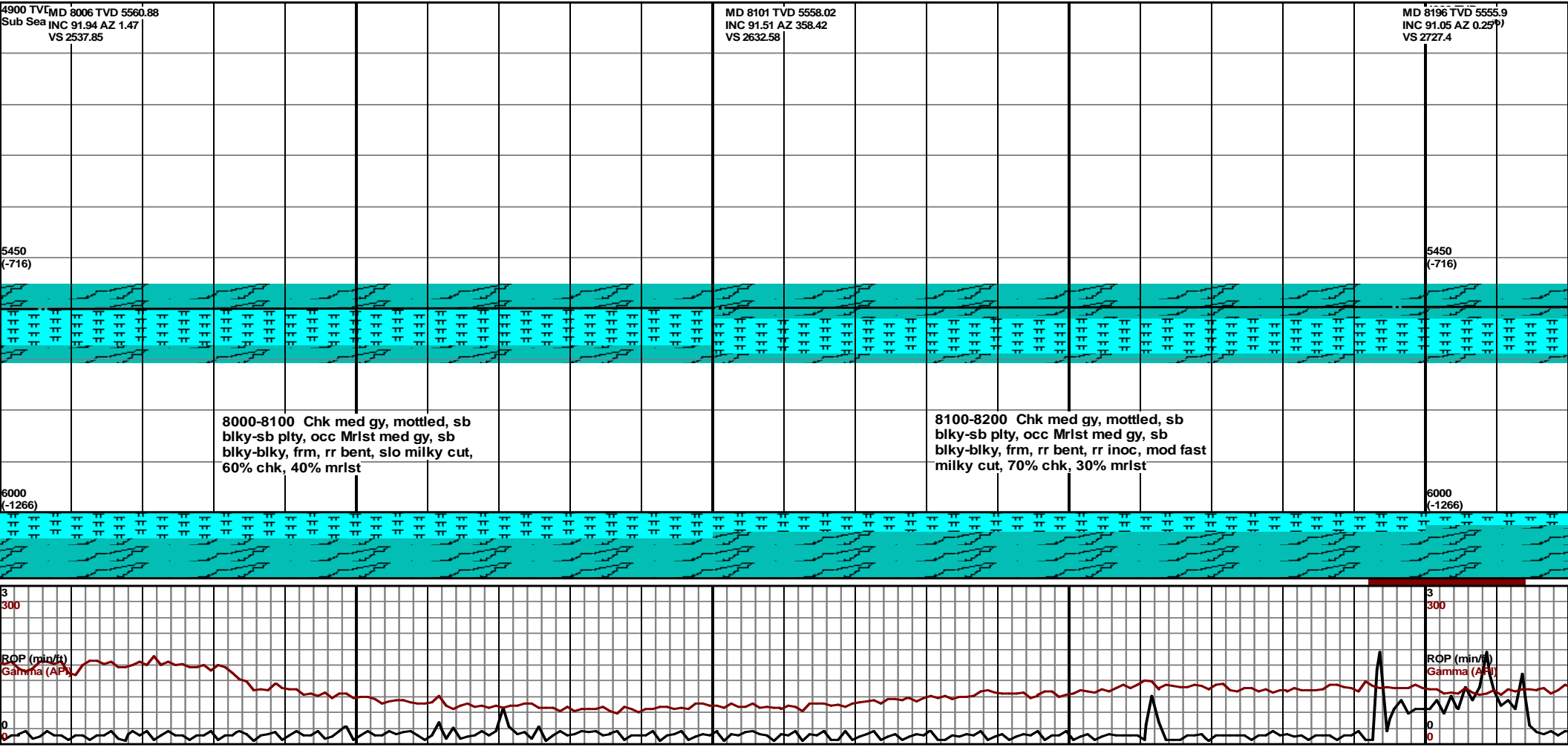


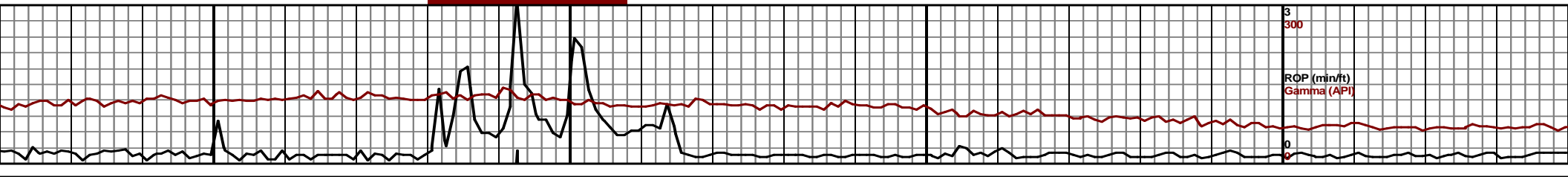
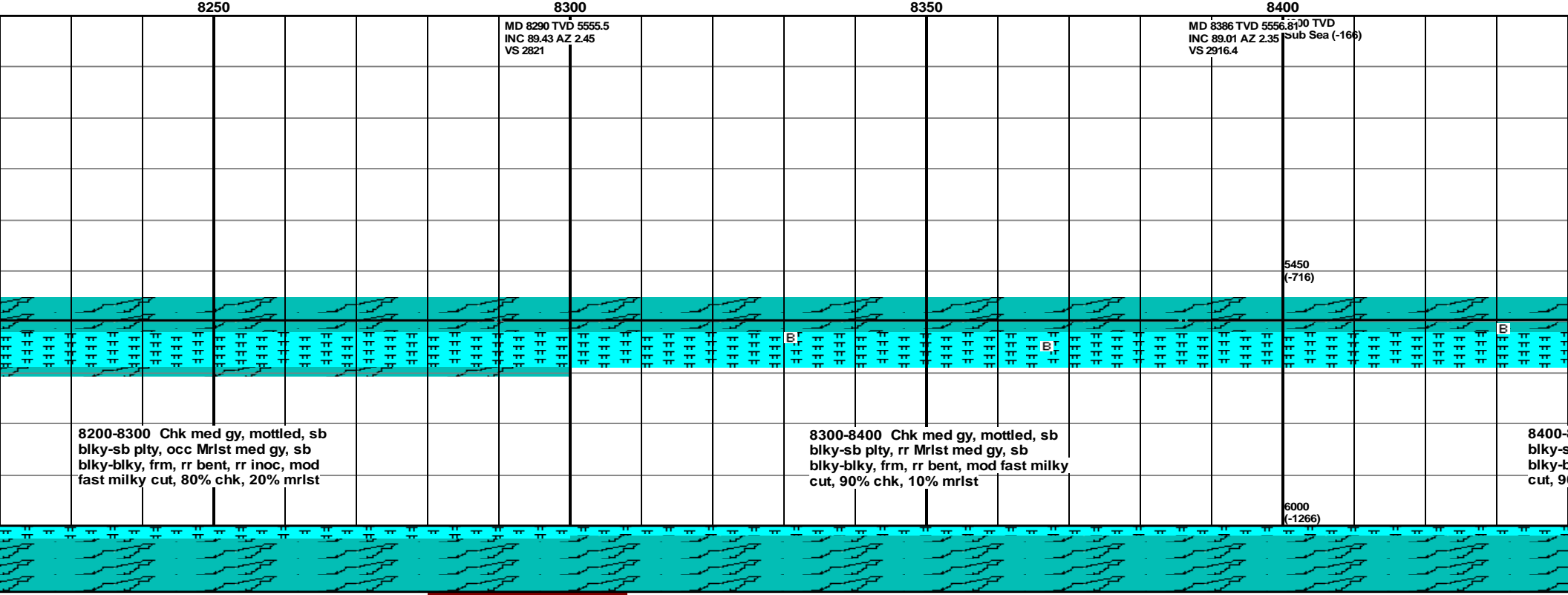
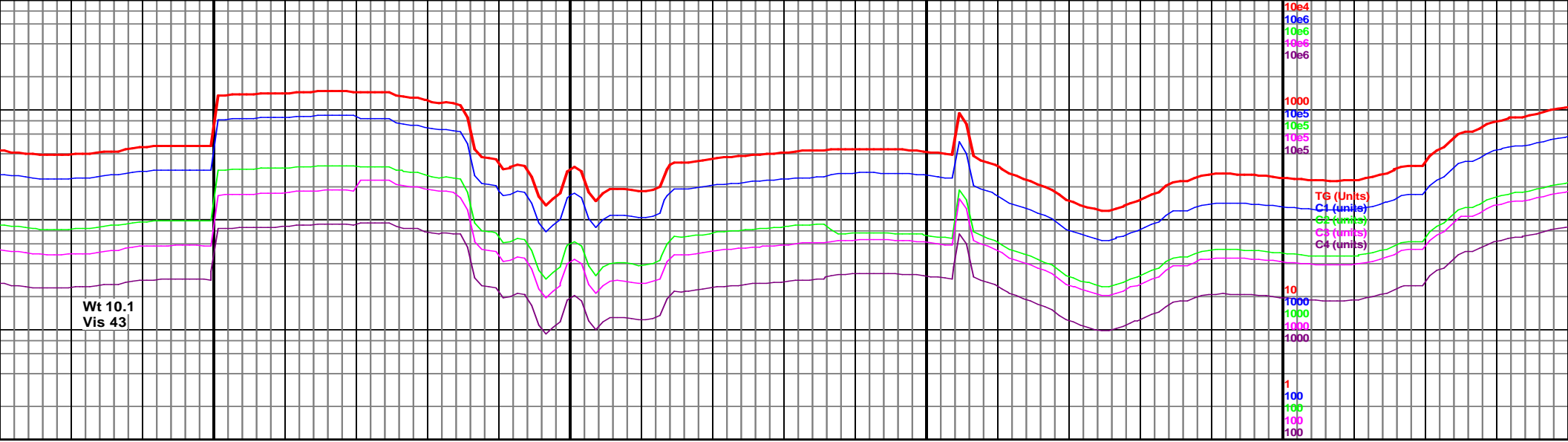


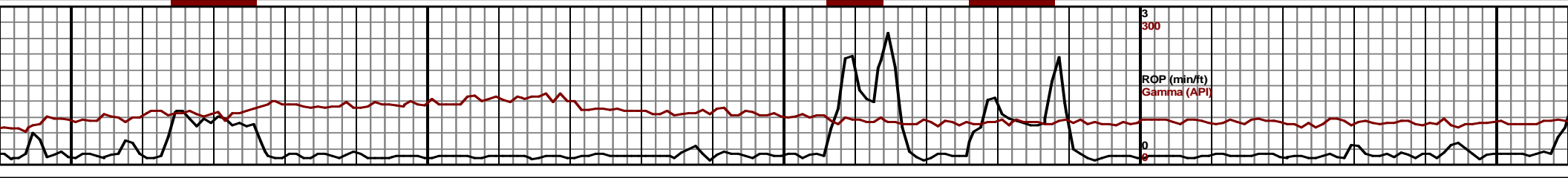
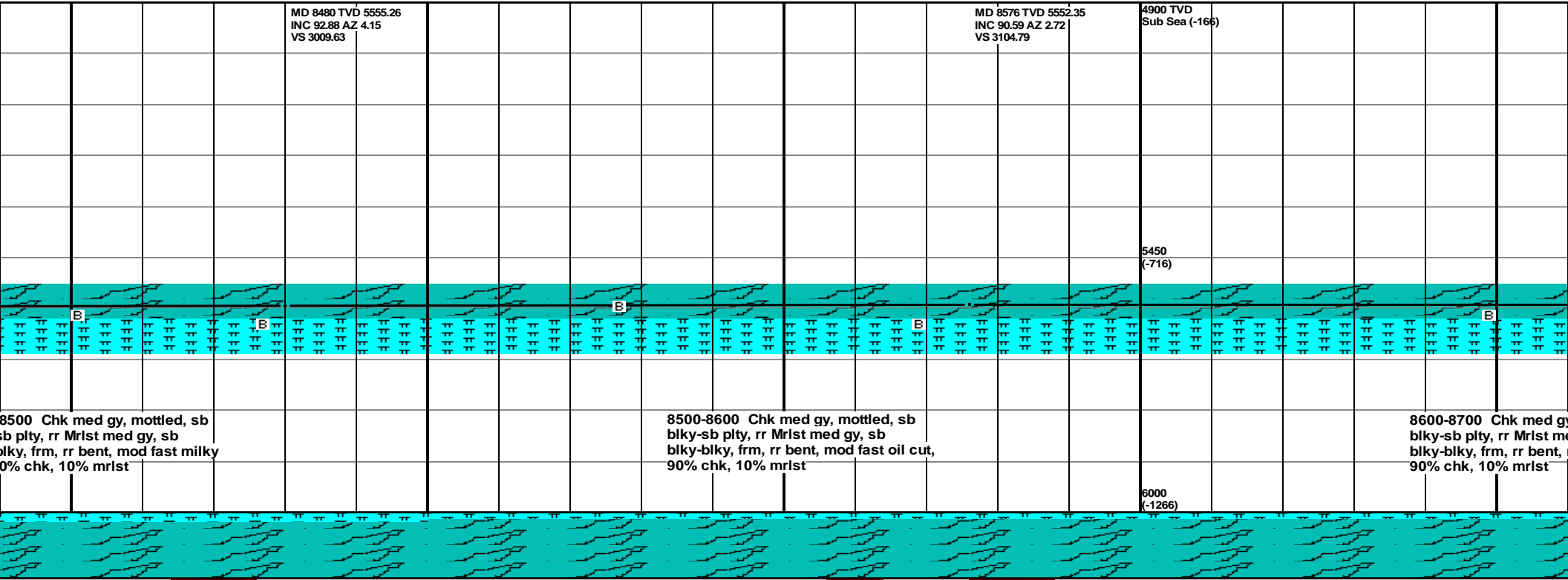
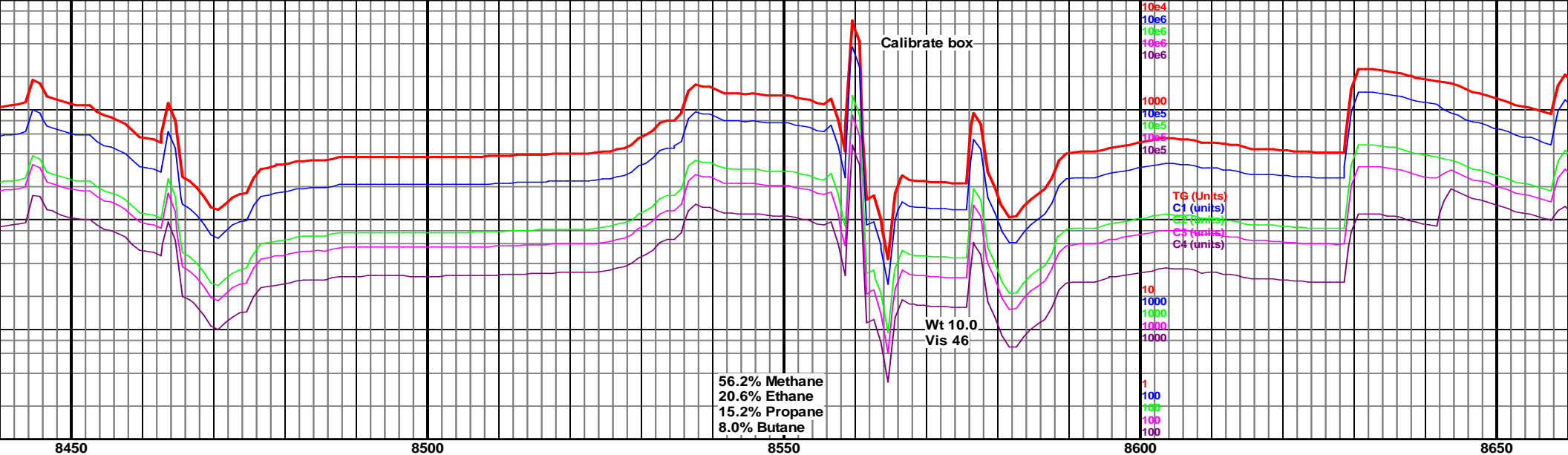


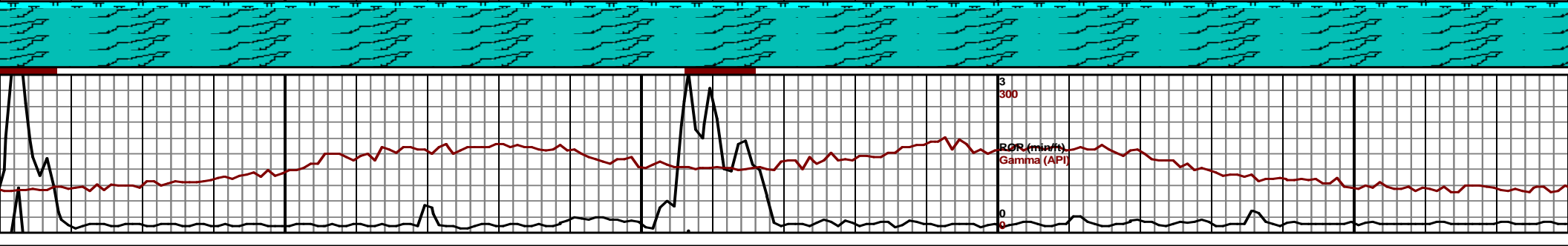
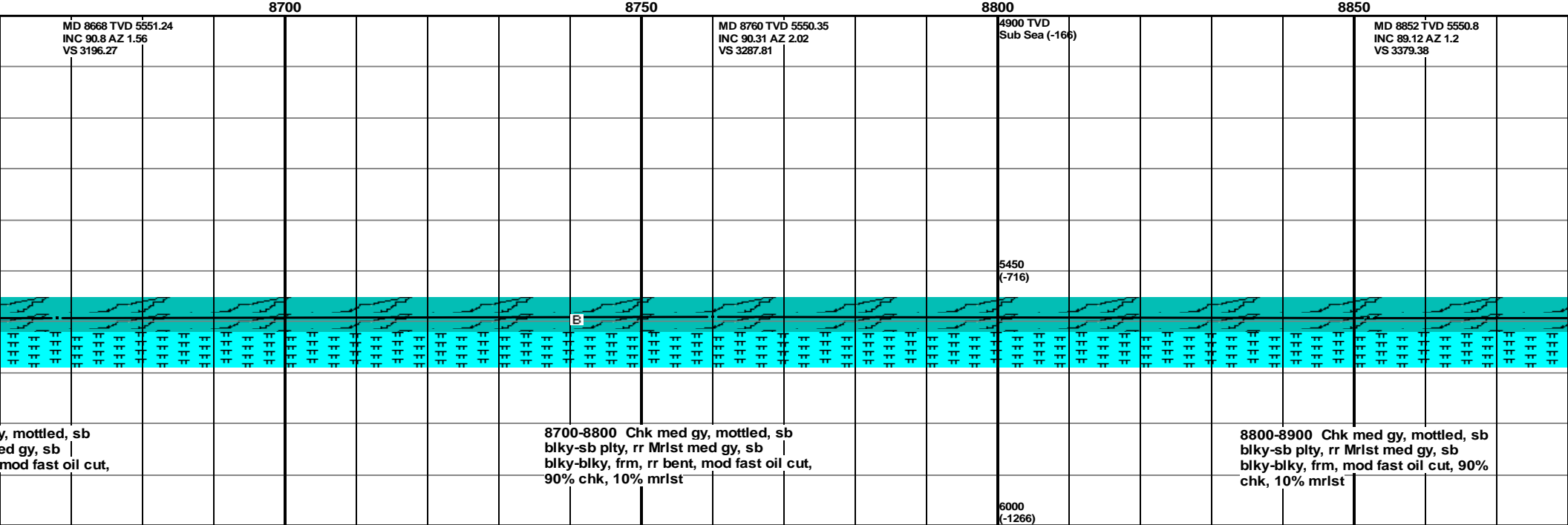
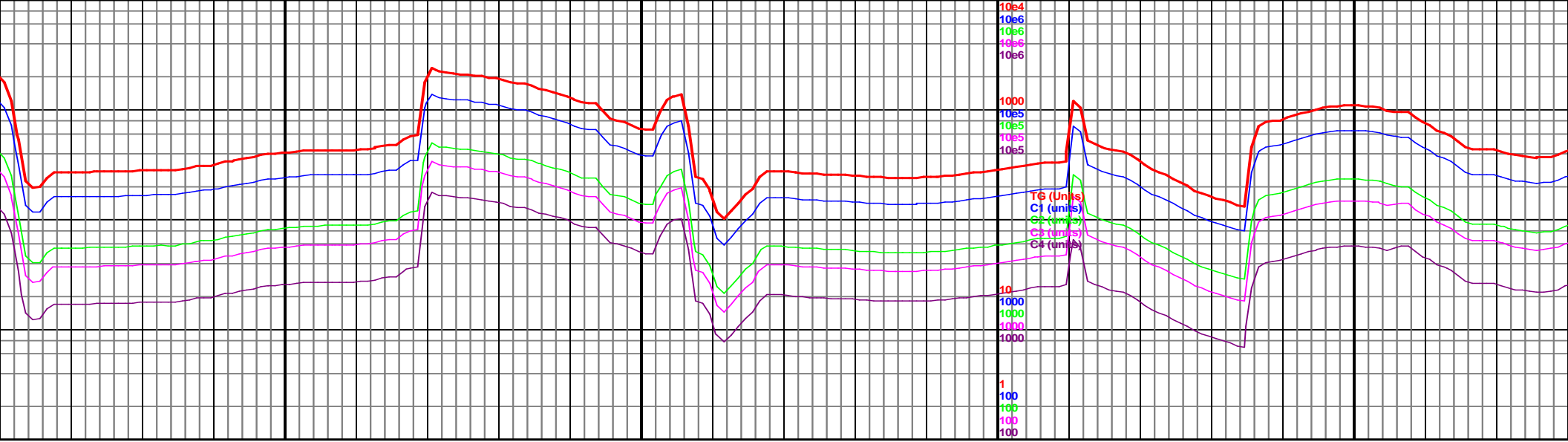


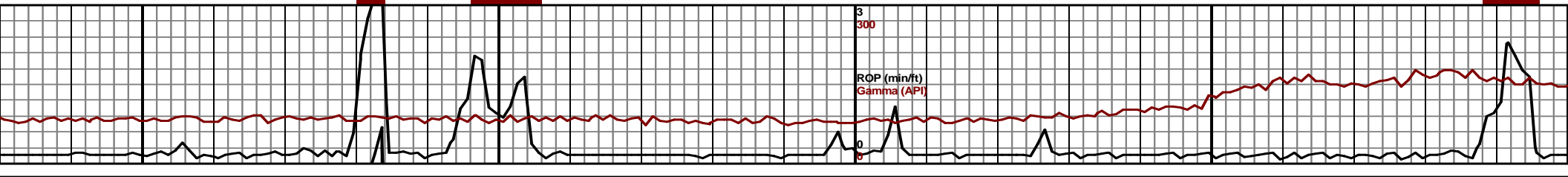
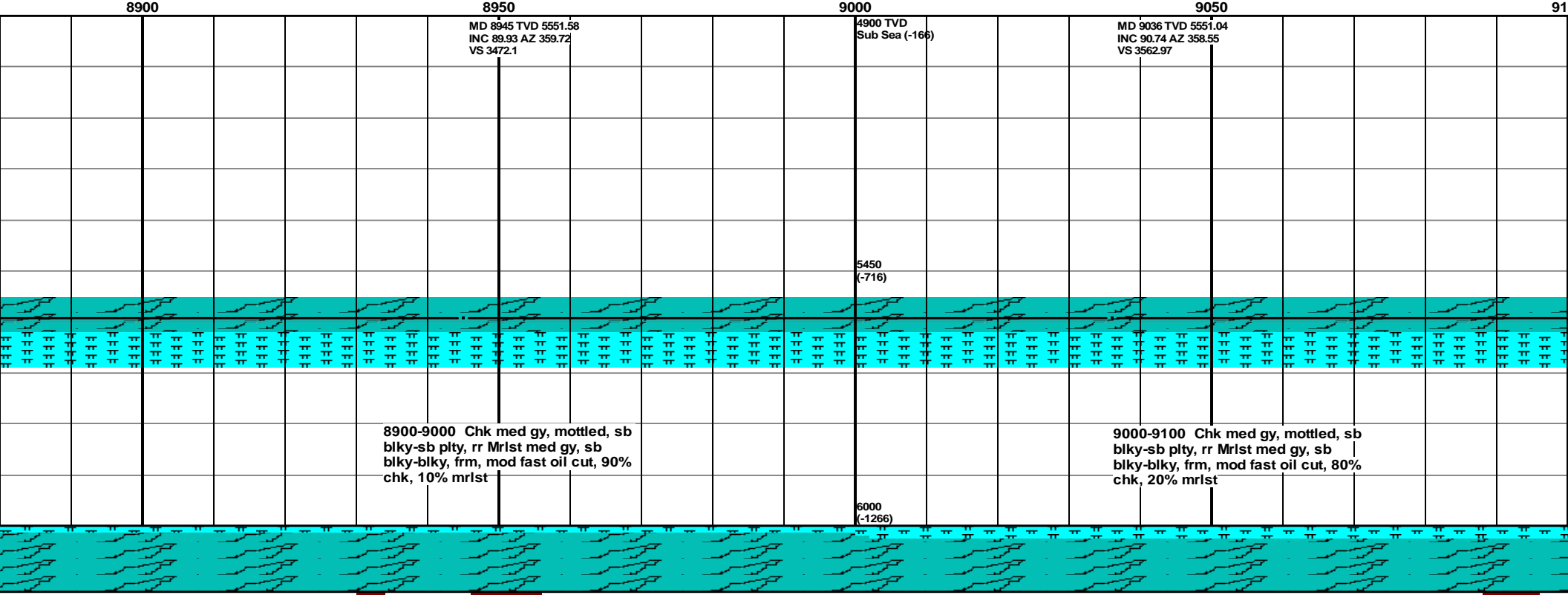
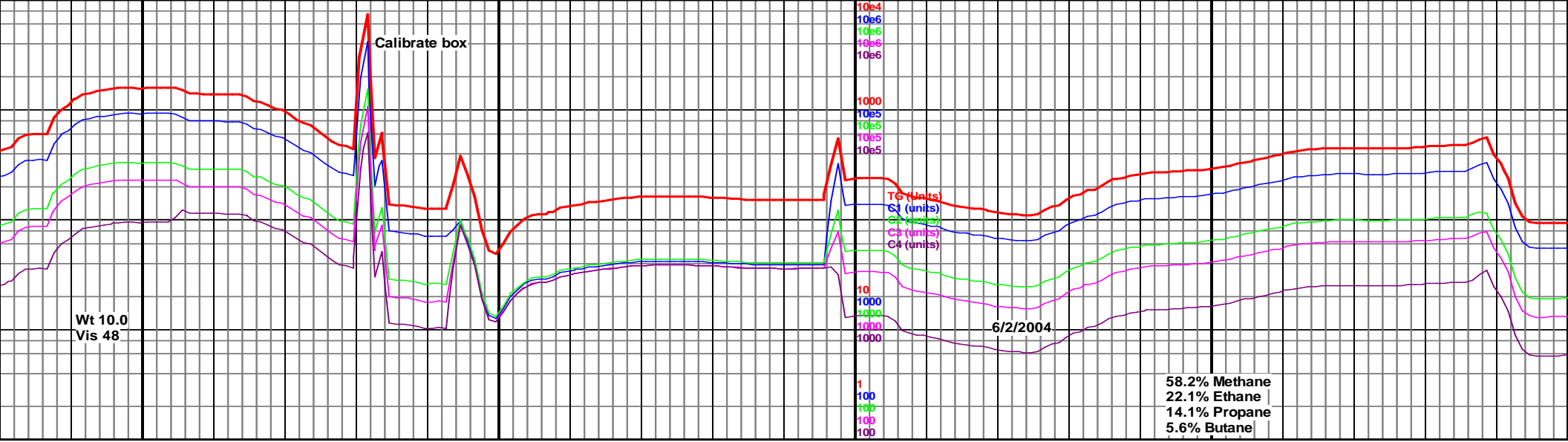


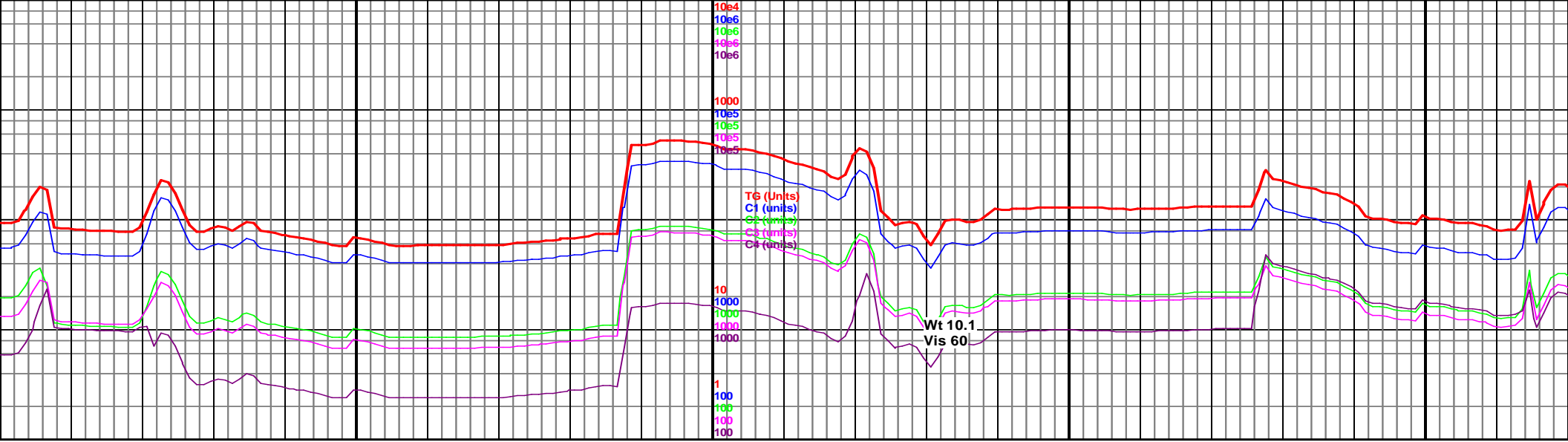




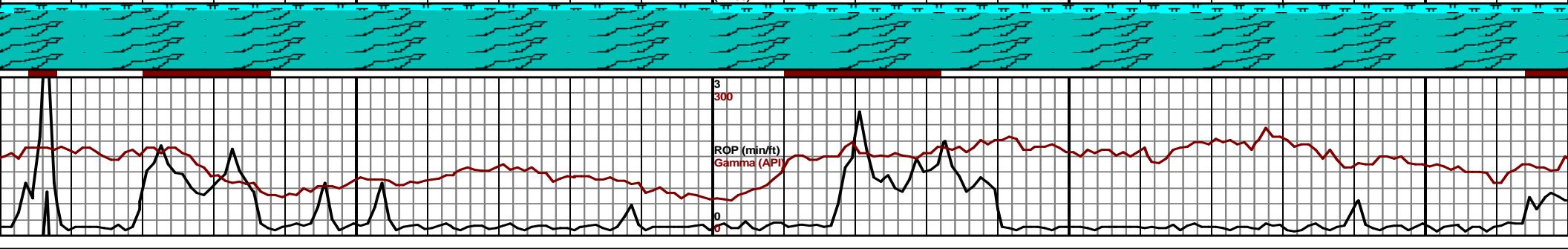
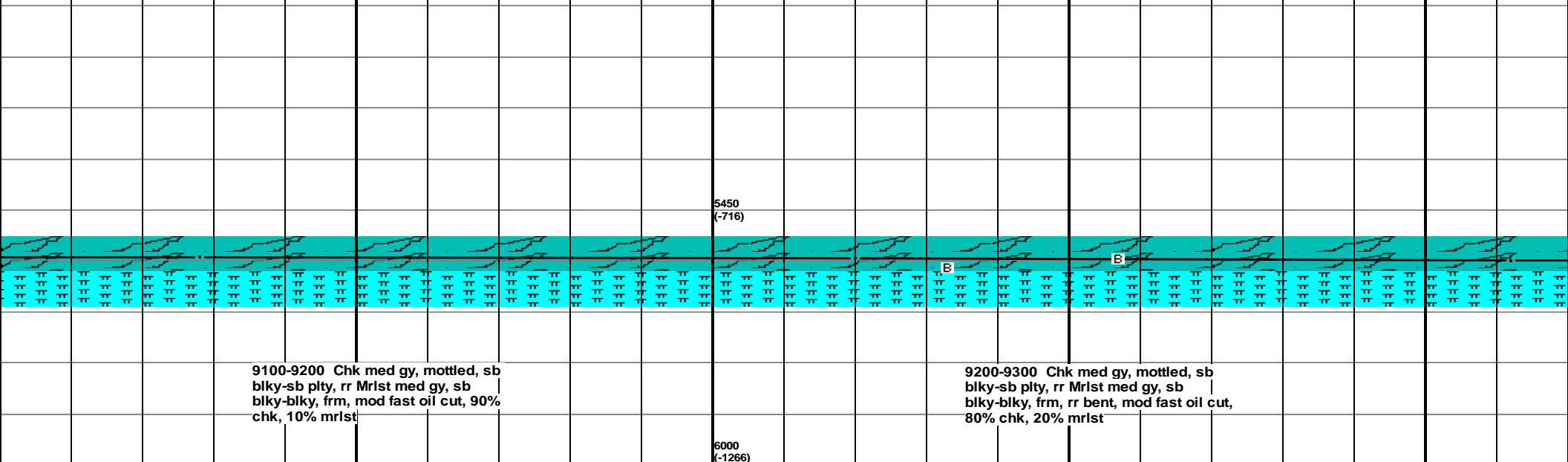


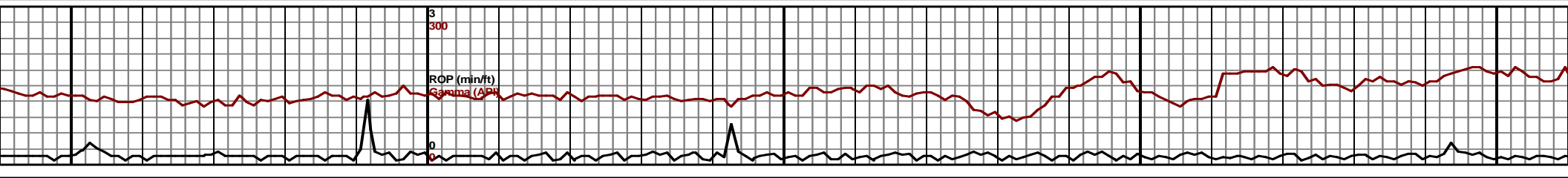
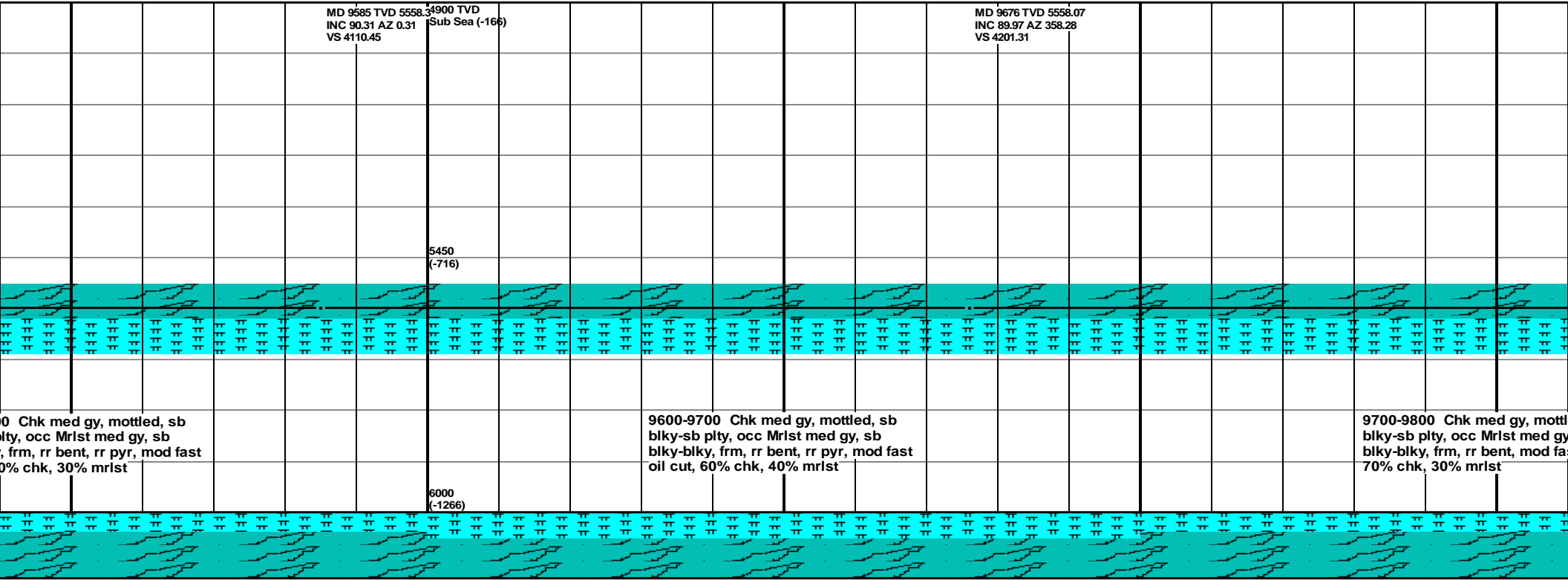
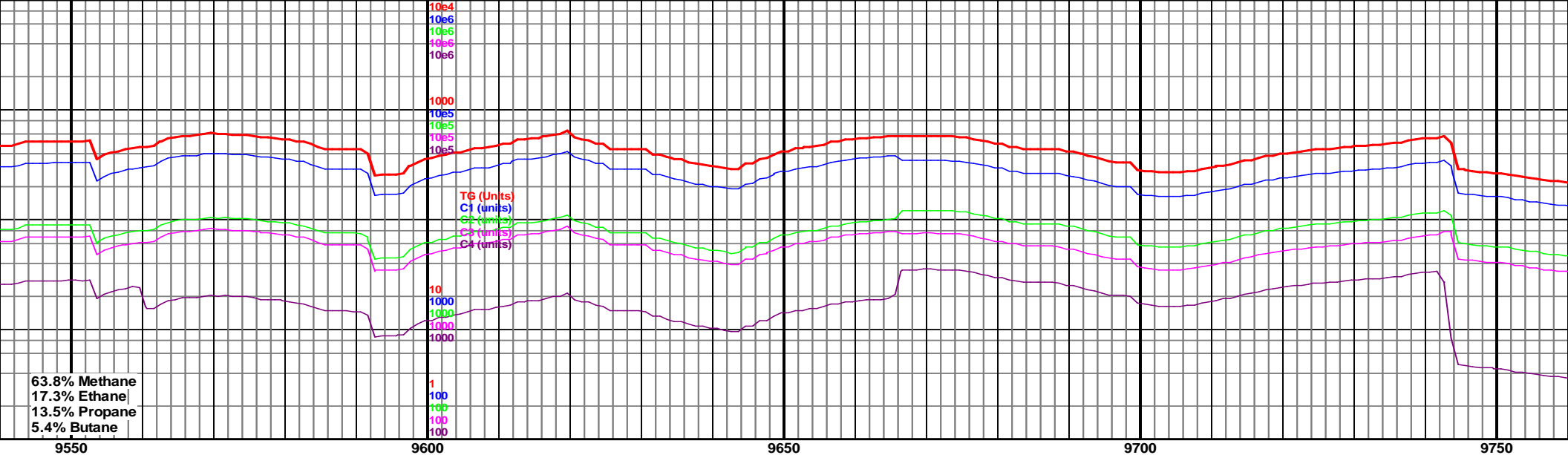


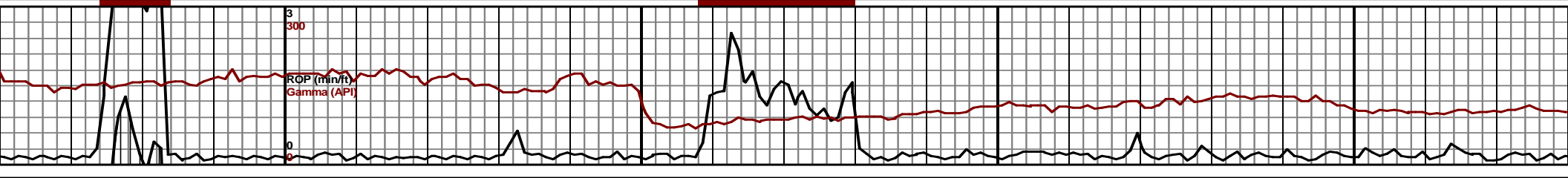
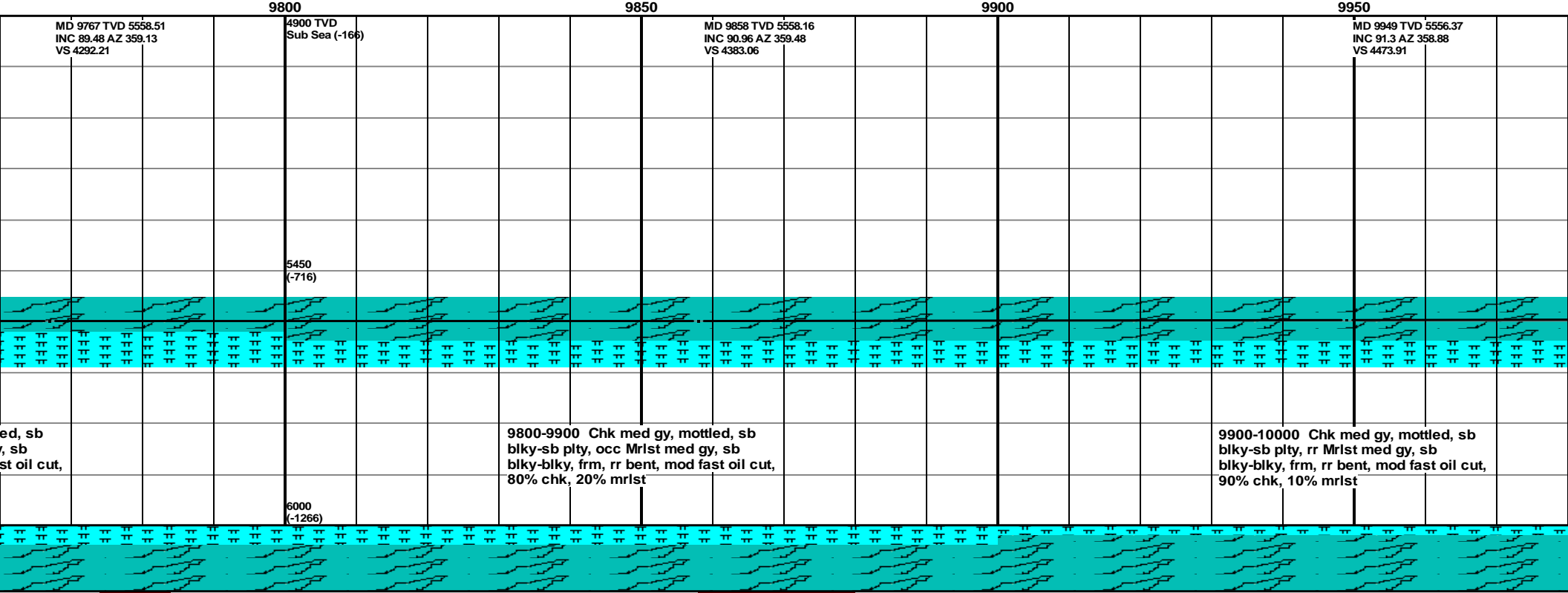
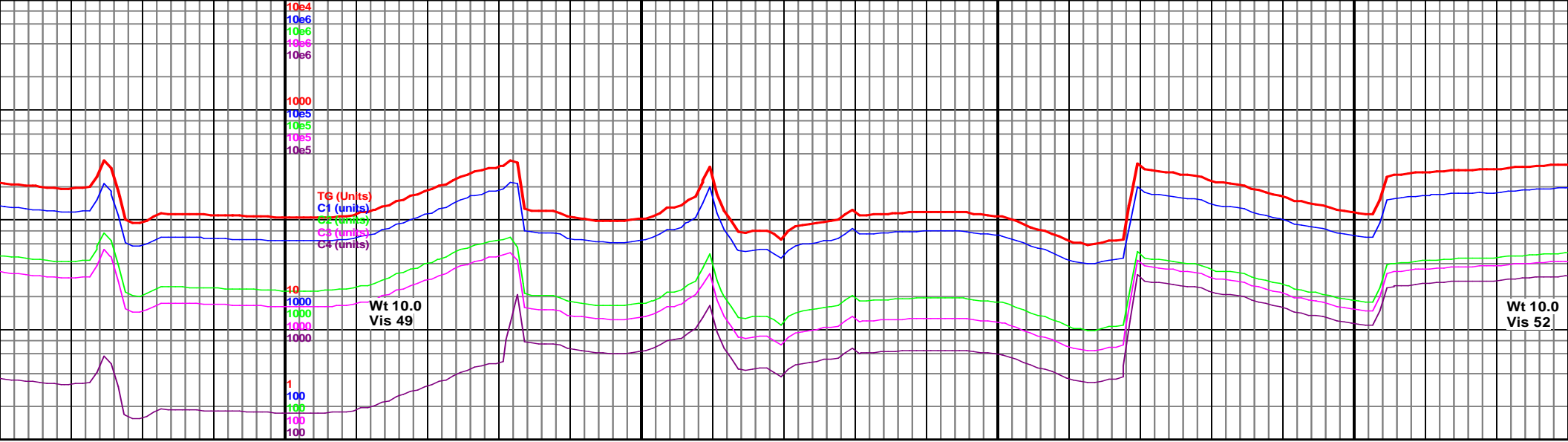


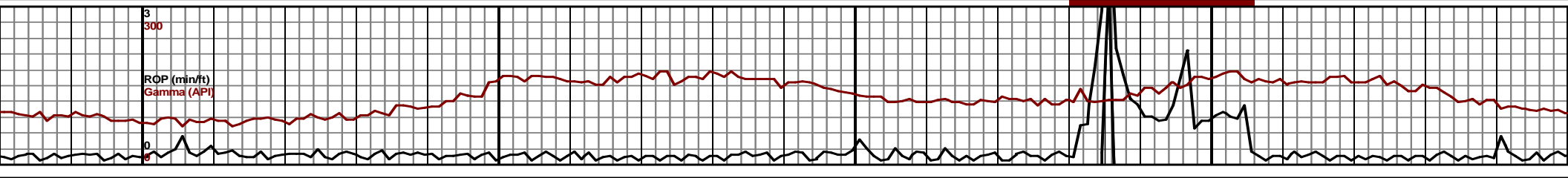
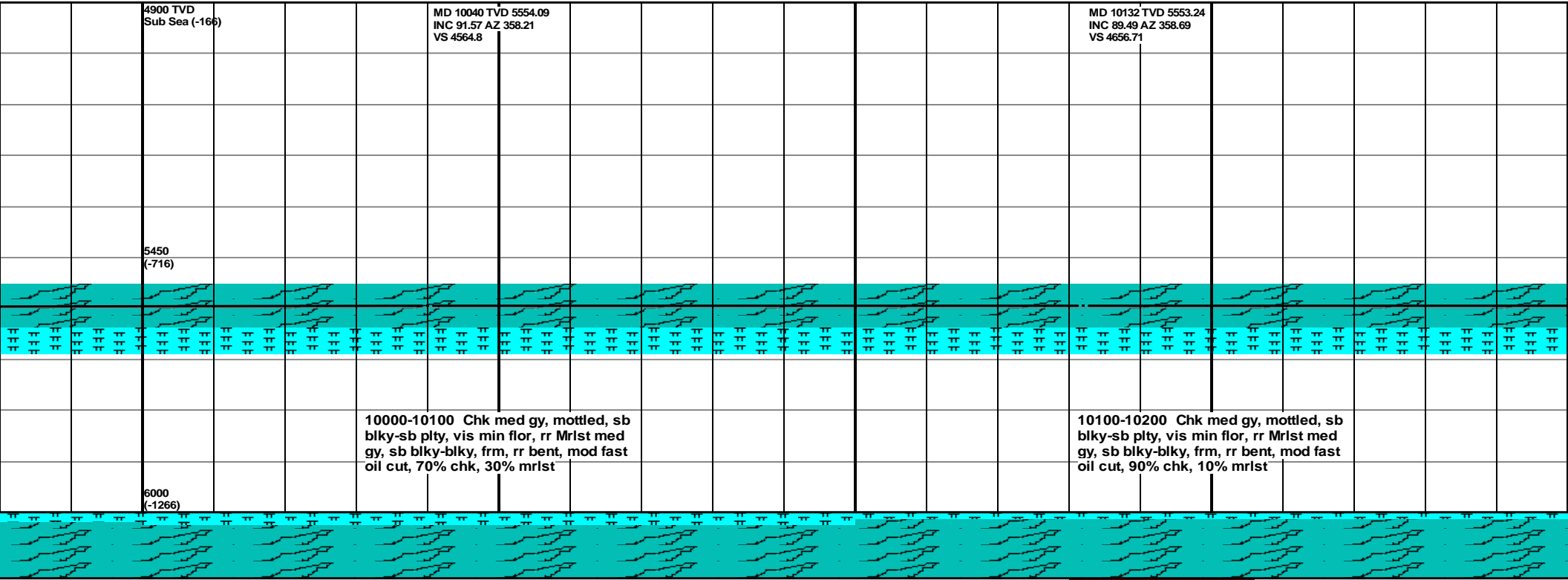
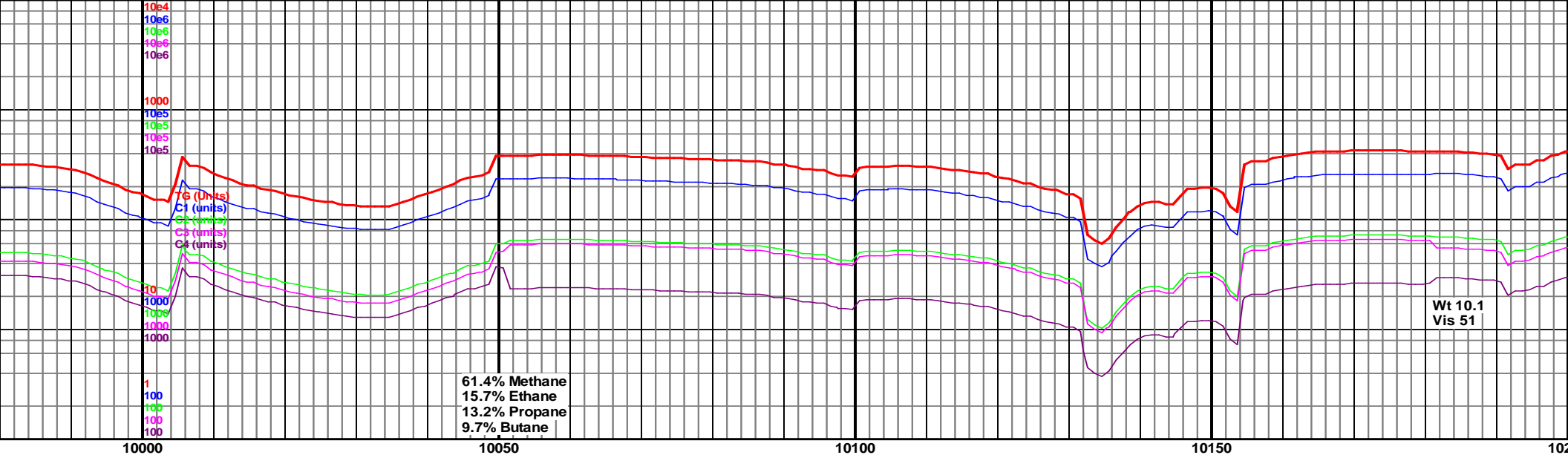


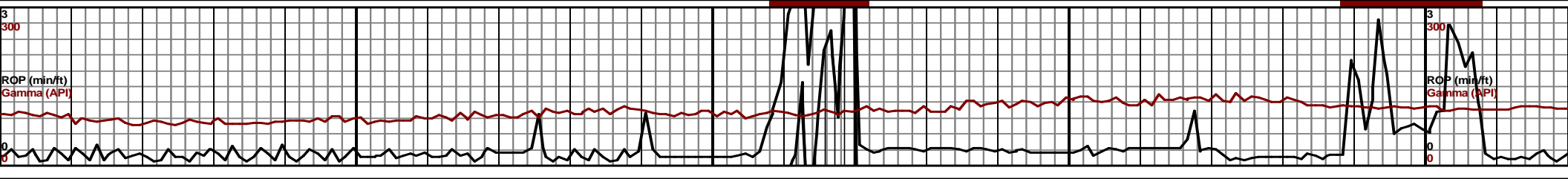
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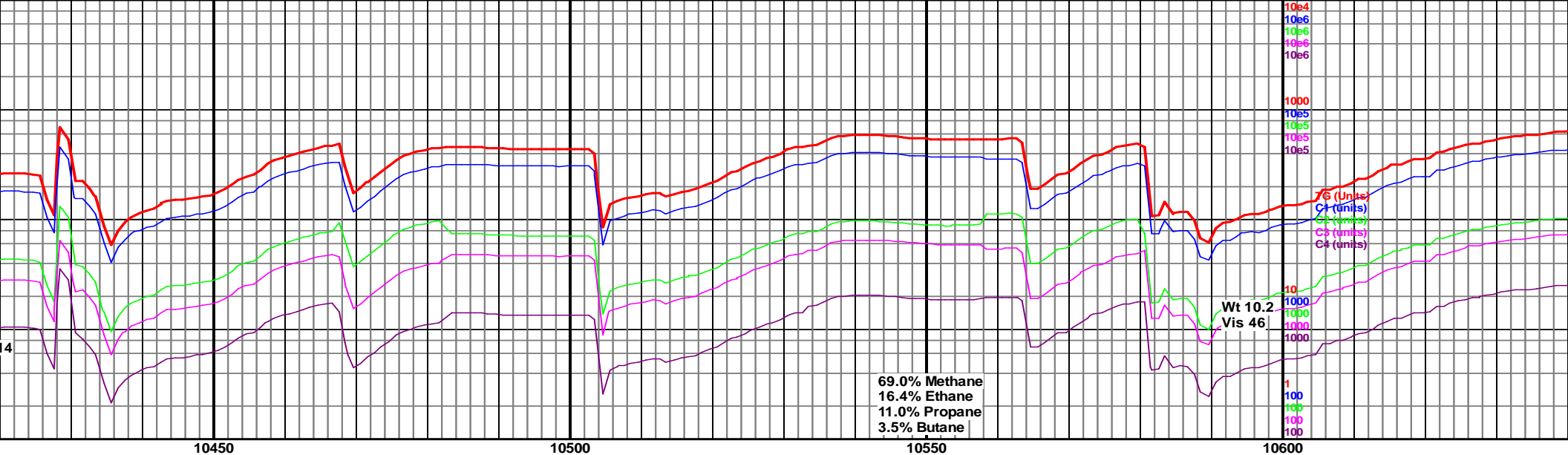












MD 10419 TVD 5558.52 INC 87.71 AZ 357.8 VS 4943.44	MD 10510 TVD 5561.95 INC 87.97 AZ 357.9 VS 5034.34	MD 10602 TVD 5564.57 INC 88.76 AZ 359.04 VS 5126.22
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2/2014
or.
11:30

