



7136 South Yale Avenue, Suite 414
Tulsa, Oklahoma 74136-6378

phone 918.925.9739

fax 866.534.4559

WWW.HZMUD.COM/25

Customer Information

Operator: Noble Energy Inc
1625 Broadway
Suite 2200
Denver, Colorado 80202

Geologist: Holly Duncan
Noble Energy Inc.

Mud Logging Details

Logger: Casey Sensecqua &
Ross Apodaca
Log Interval: 6600' MD to 16165' MD
Start Date: November 26, 2013
Release Date: December, 02, 2013

Well Information

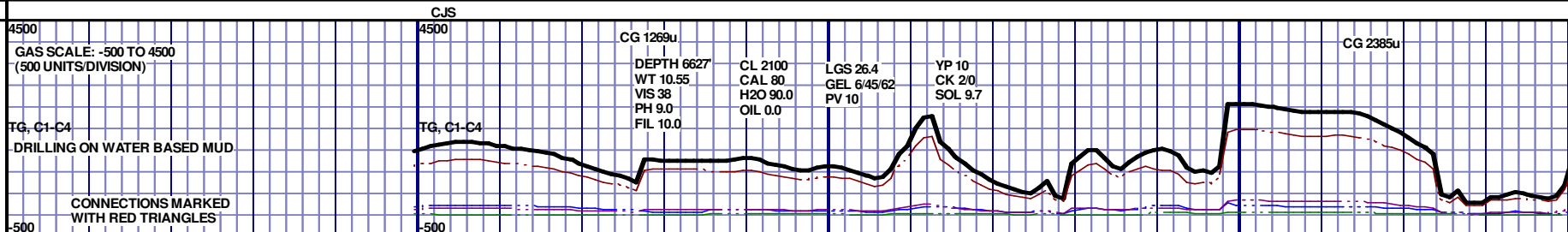
Well Name: NCLP PC AA04-65-1HN
Horizontal

Location: 4-T6N-R63W
2201' FSL, 250' FWL

County: Weld
State: Colorado

Drilling Rig: H&P 343
Total Depth: 16165' MD
TD Date: December, 02, 2013
Formation: Niobrara B Chalk
KB Elevation: 4735'
GR Elevation: 4711'
API Number: 05-123-37174-0000

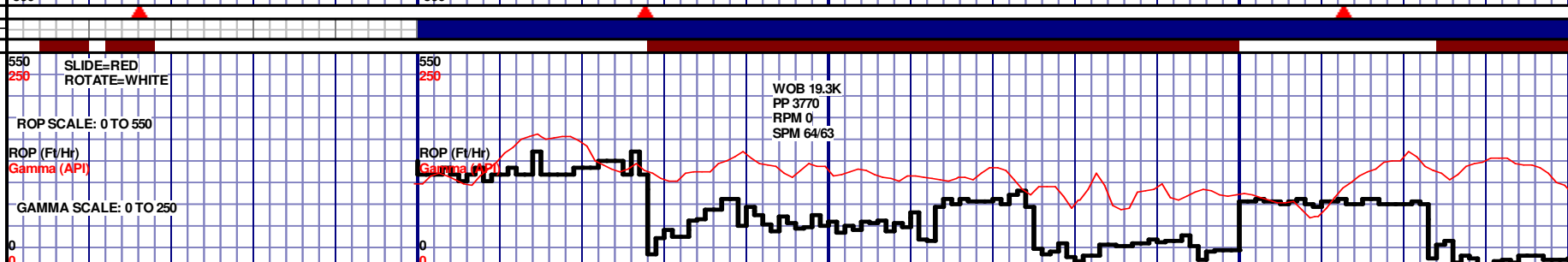
1 (units) ———
 2 (units) ———
 3 (units) ———
 4 (units) ———



Connections Cut

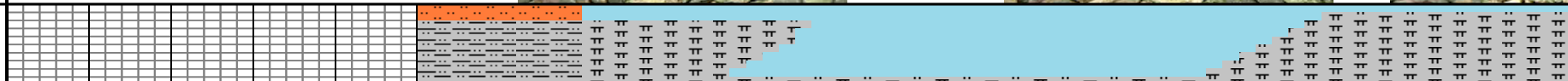
Slide/Rotate

ROP (Ft/Hr) _____
Gamma (API) _____



Depth

Photographs

**Lithology %**

6460 TVD
NOBLE ENERGY INC
NCLP PC AA04-65-1HN
HORIZONTAL
4-T6N-R63W
2201' FSL, 250' FWL
WELD CO., CO

H&P 343

Well Bore Cross Section

LOGGERS:
CASEY SENSECQUA &
ROSS APODACA

COMMENCED LOGGING @ 6600' MD ON
11/26/2013 W/BIT #3, SIZE 8.75, TYPE HDBS MMD55M, S/N
12262949 IN @ 5900' MD

6460 TVD

SHARON SPRINGS

6612' MD 6511' TVD

6520' MD-6550' MD: MRL: 80%
(CaCO₃ 45%) MEDDRKGY - DRKG¹,
BLKY TO SUBBLKY, FXLN TO
CHLKY, SFT, CHK FRMWRK, IMBD
CAL, FREE PYR, FREE BENT, FREE
CHALK, NO STN, 10% LTOR MIN
FLOR, FNT BLSHWT O FLOR,
IMMED STRMG CUT

NIOBRARA A CHALK
6672' MD 6546' TVD

90% DGY LK, FXLN PEC, OCC FREE MARL, TOR MIN OR,	6580' MD-6710' MD: CHK: 90% (CACO3 65%) V/LTGY- MEDGY -DRKY, BLKY TO SUBLBLKY, FXLN TO CHLKY, IMBD PYRC SPEC, OCC FREE CAL, FREE BENT, FREE MARL, TRC GYSHBLK STN, 5% L TOR MIN FLOR, FNT BLSHW T O FLOR. IMMED STRMG CUT
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NIOBRARA A MA
6718' MD 6569' TVD

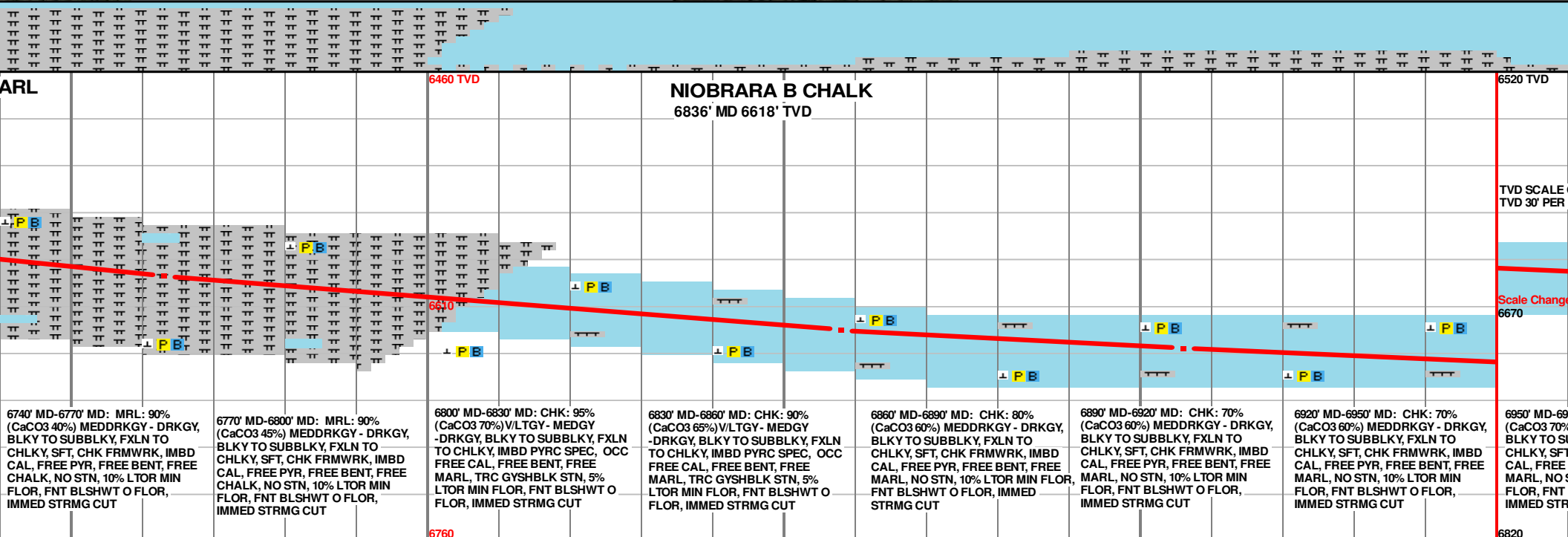
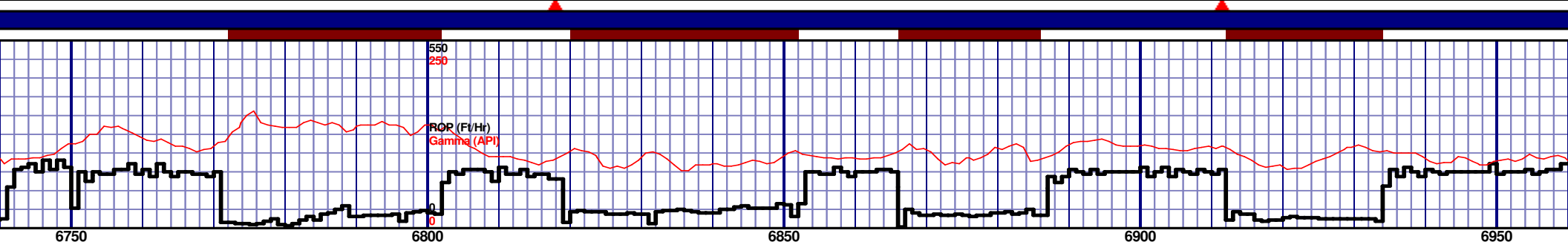
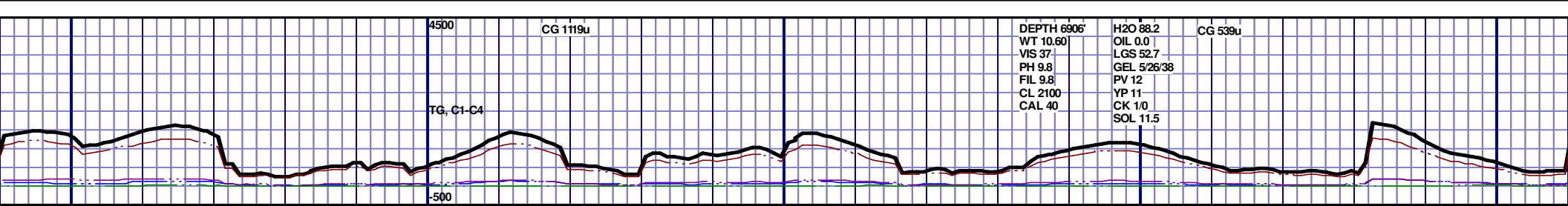
6710' MD-6740' MD: MRL: 90%
(CaCO₃ 40%) MEDDRKGY - DRKGY,
BLKY TO SUBBLKY, FXLN TO
CHLKY, SFT, CHK FRMWKR, IMBD
CAL, FREE PYR, FREE BENT, FREE
CHALK, NO STN, 10% LTOR MIN
FLOR, FNT BLSHWT O FLOR,
IMMED STRMG CUT

Survey Data

MD 6621 TVD 6517.36
INC 52.51 AZ 88.35
VS 291.09

MD 6668 TVD 6544.25
INC 57.65 AZ 88.54
VS 329.62

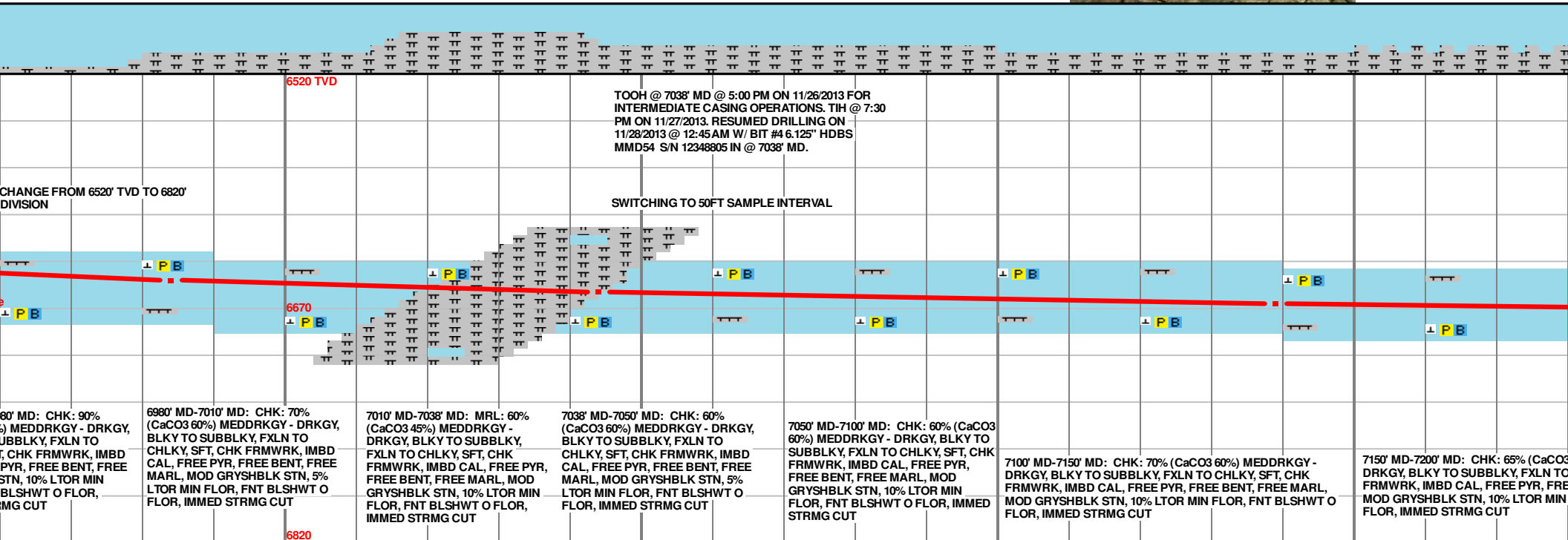
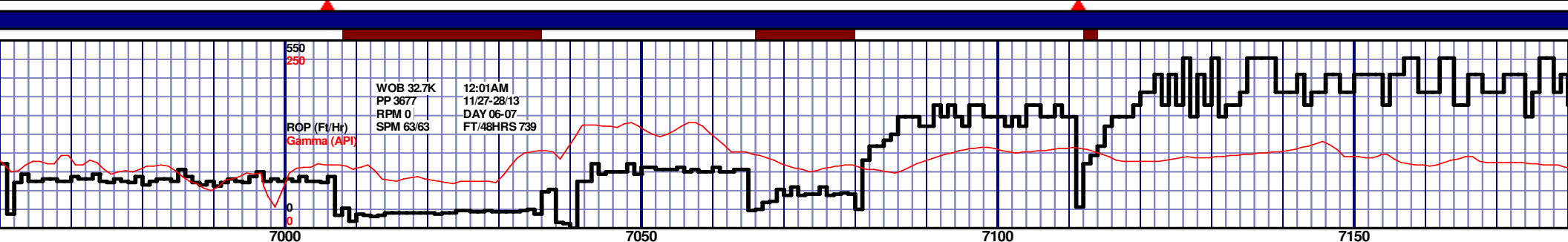
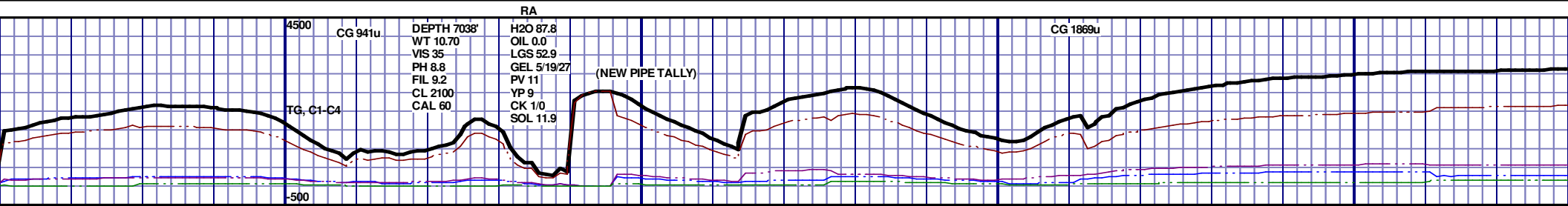
MD 6716 TVD 6568.67
INC 61.2 AZ 88.57
VS 370.93



MD 6763 TVD 6590.4
INC 63.71 AZ 89.91
VS 412.6

MD 6858 TVD 6624.86
INC 73.69 AZ 90.49
VS 500.94

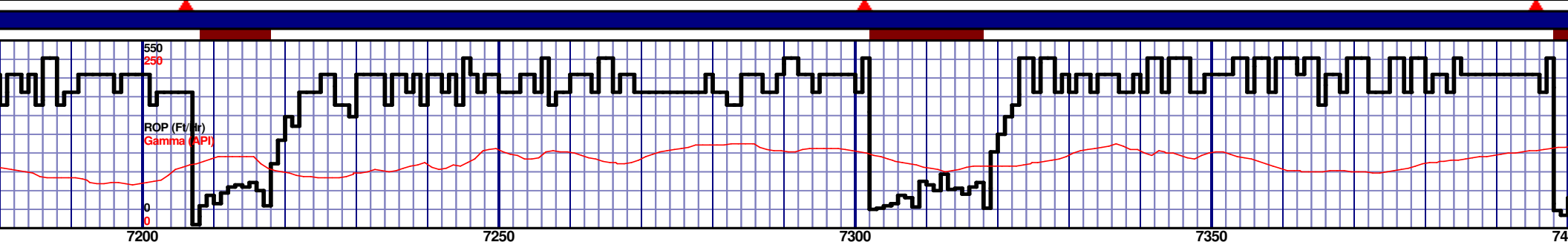
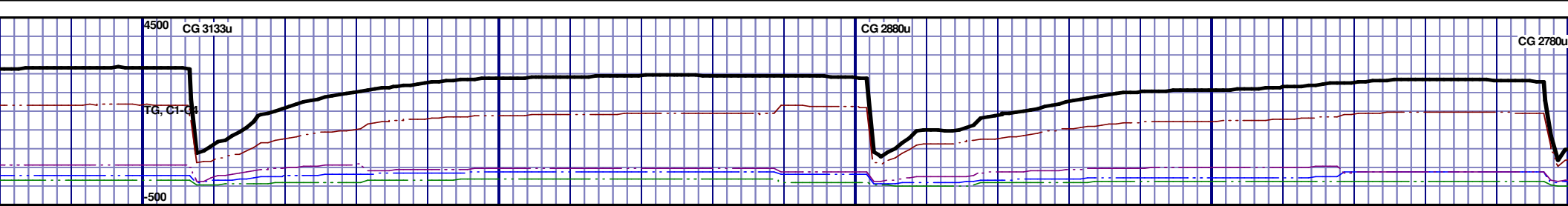
MD 6906 TVD 6636.81
INC 77.49 AZ 90.52
VS 547.38



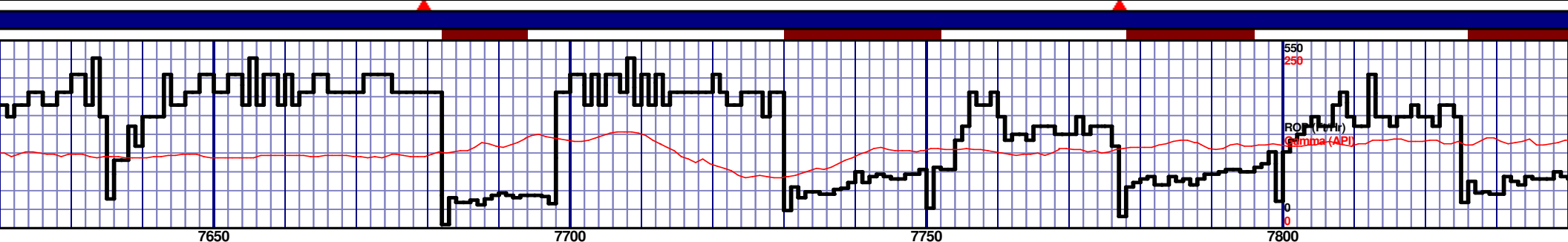
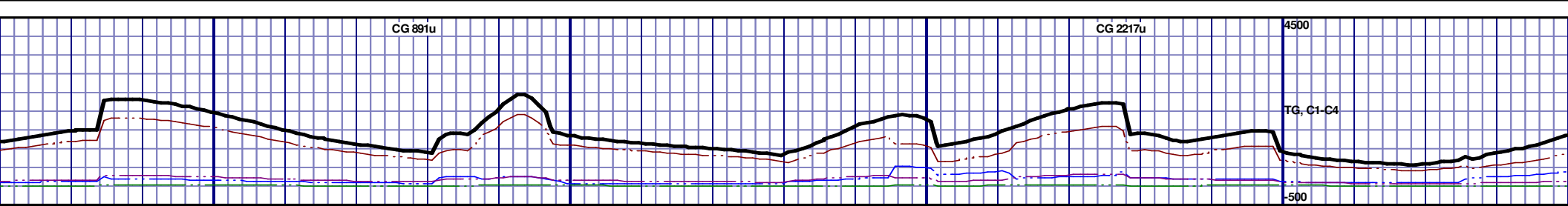
MD 6984 TVD 6651.82
INC 80.31 AZ 90.89
VS 623.84

MD 7044 TVD 6659.56
INC 84.87 AZ 88.03
VS 683.31

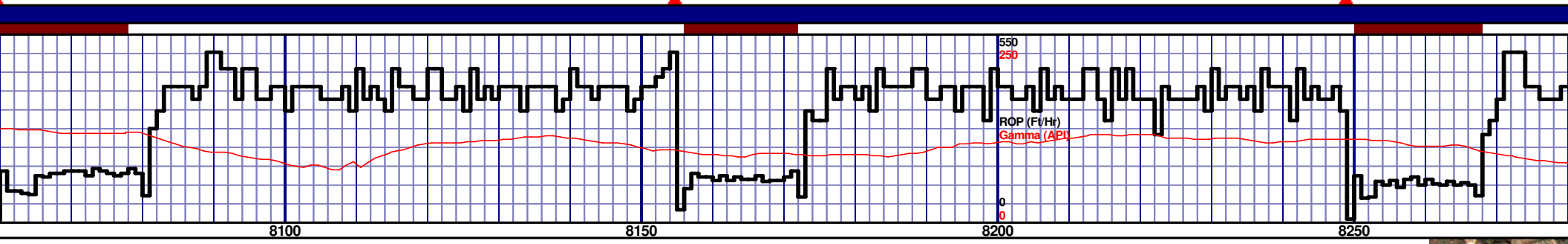
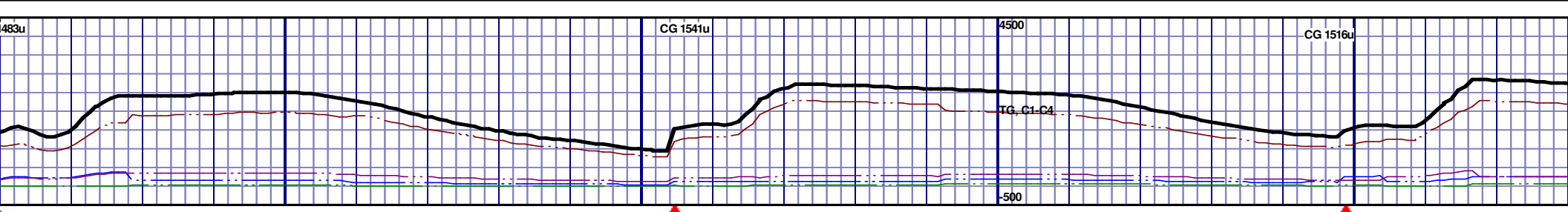
MD 7139 TVD 6666.7
INC 86.51 AZ 89.62
VS 778.03



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7650' MD-7700' MD: CHK: 55% (CaCO3 50%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT									
7700' MD-7750' MD: CHK: 60% (CaCO3 55%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT									
7750' MD-7800' MD: CHK: 55% (CaCO3 55%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT									
7800' MD-7850' MD: CHK: 80% (CaCO3 60%) MEDDRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE MOD GRYSHLK STN, 20% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT									

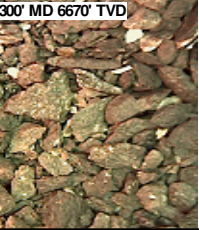
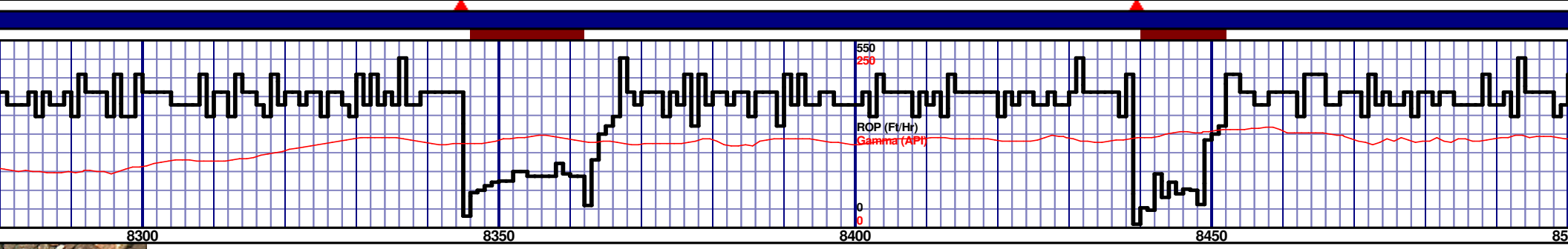
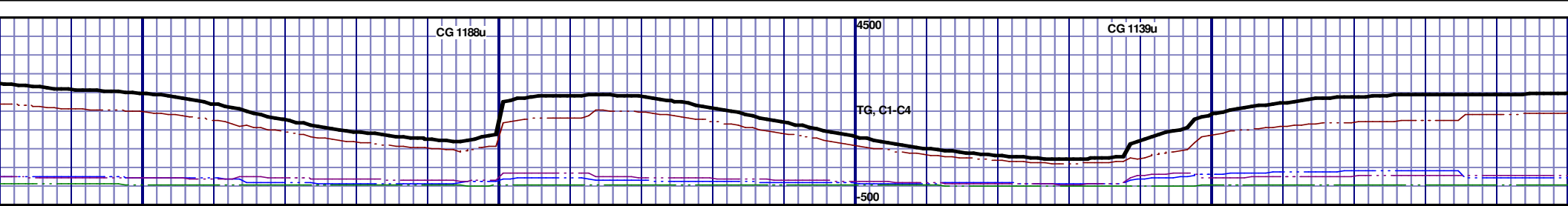


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000' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT					8100' MD-8150' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT					8150' MD-8200' MD: CHK: 70% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT				
8200' MD-8250' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT					8250' MD-8300' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT					8300' MD-8350' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, TRC GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT				

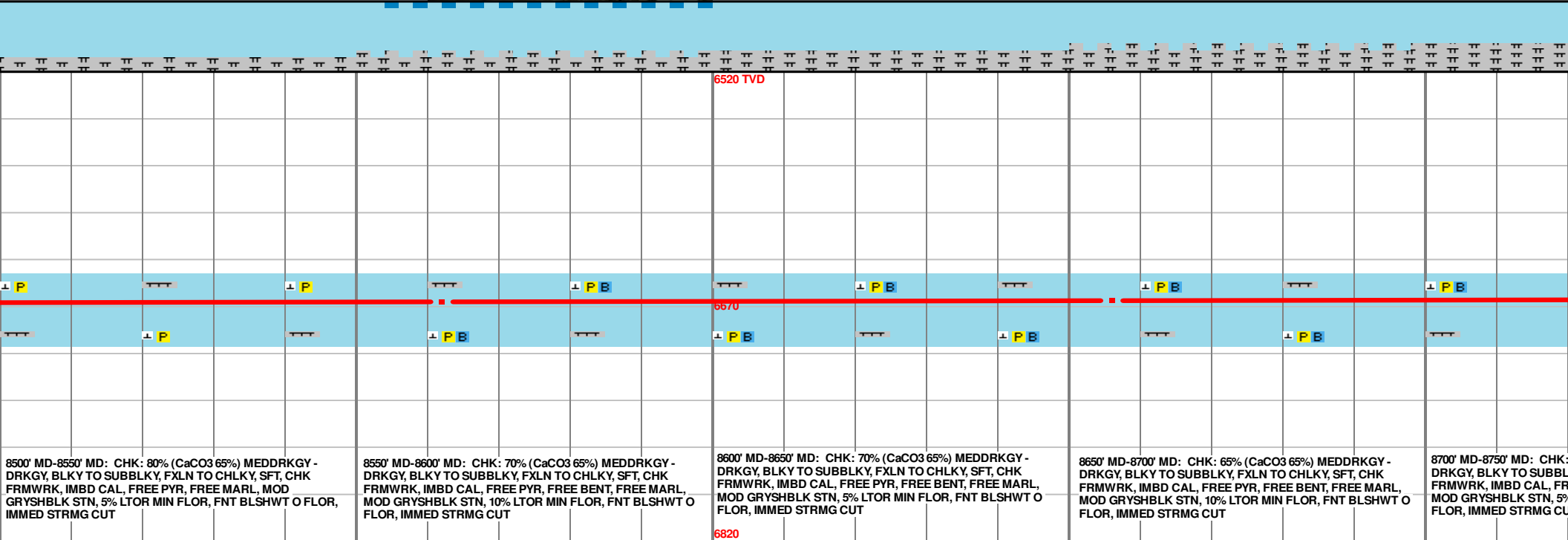
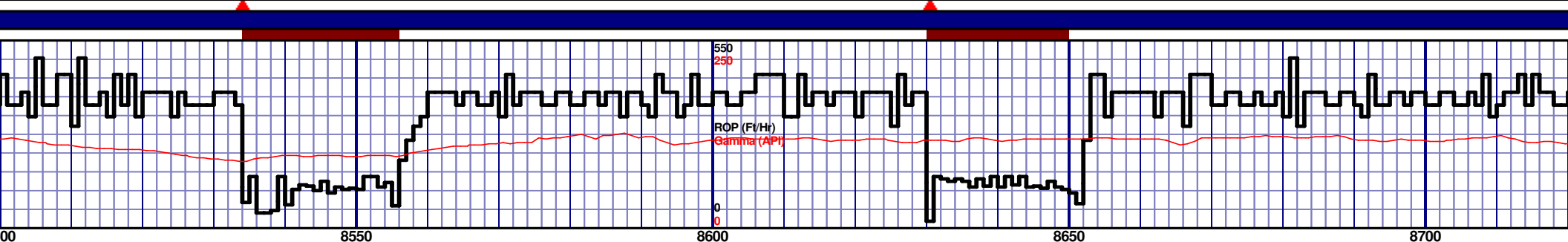
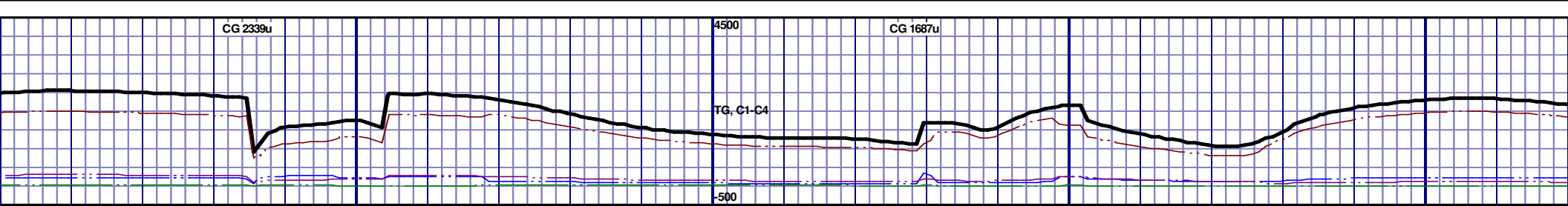
MD 8087 TVD 6672.05
INC 92.04 AZ 90.29
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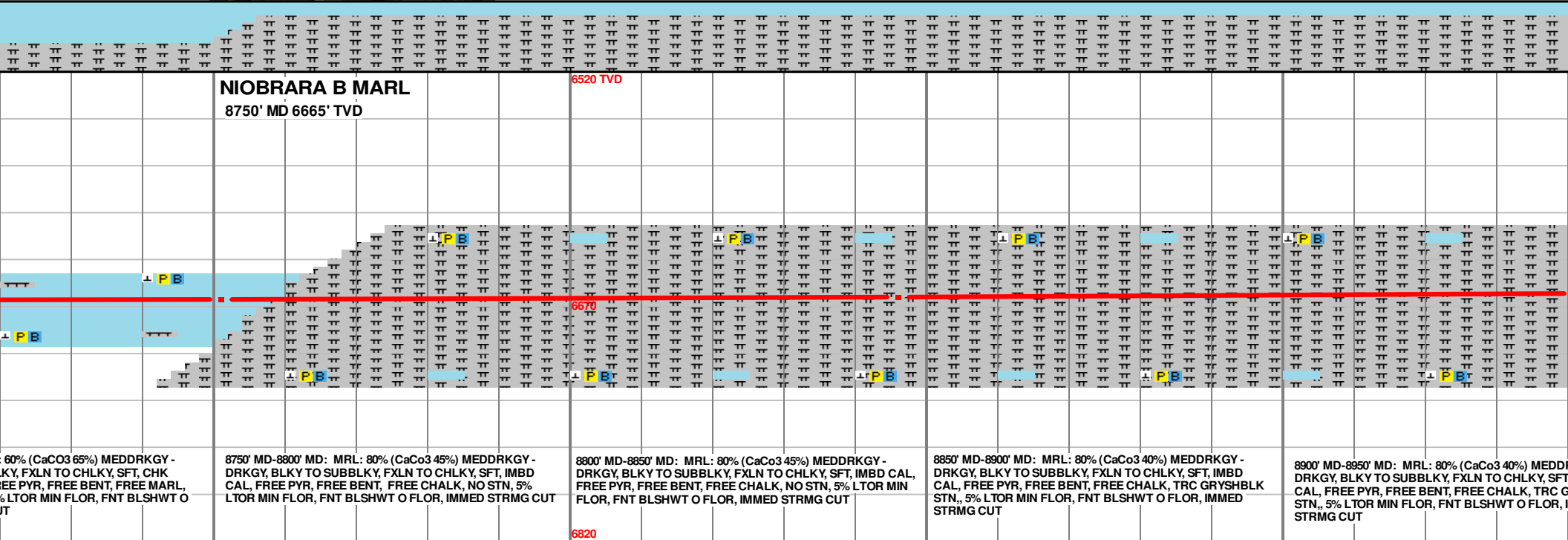
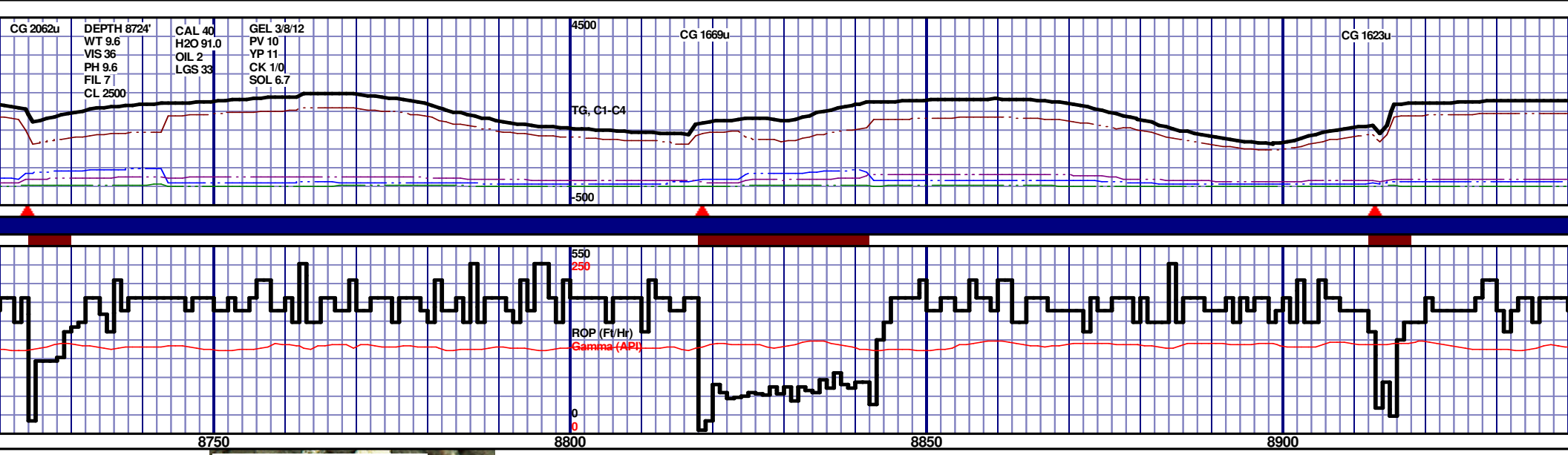


6520 TVD					6570					6620				
60% MEDDRKGY - CHLKY, SFT, CHK E MARL, TRC FNT BLSHT O FLOR,					8300' MD-8350' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT					8350' MD-8400' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT				
8400' MD-8450' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT					8450' MD-8500' MD: CHK: 90% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT									



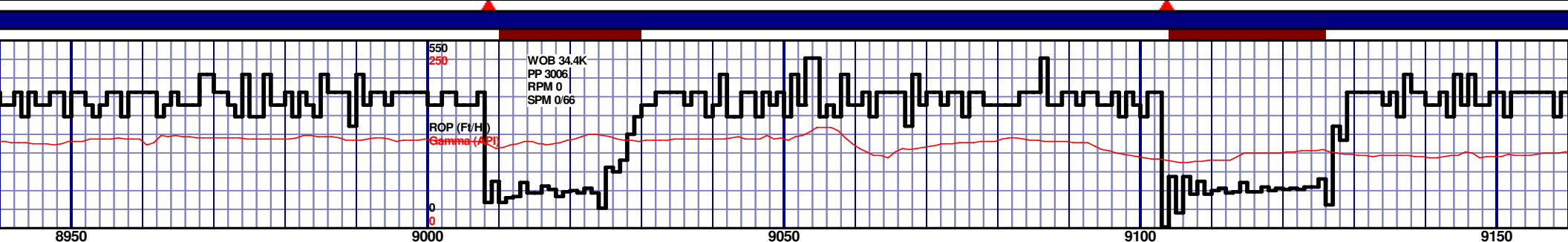
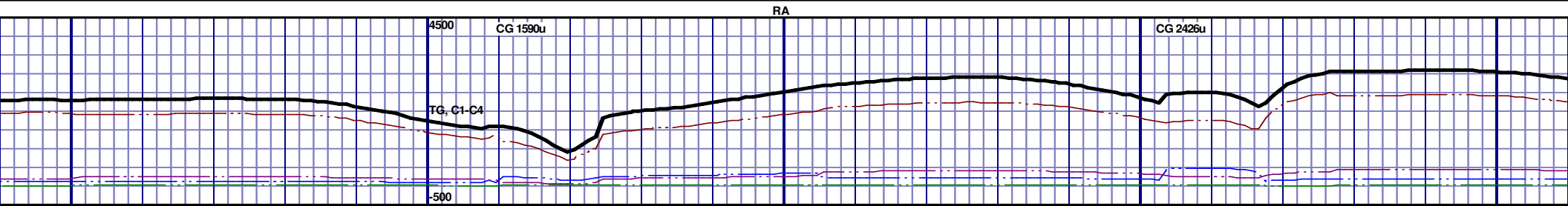
MD 8562 TVD 6667.12
INC 89.91 AZ 88.5
VS 2199.82

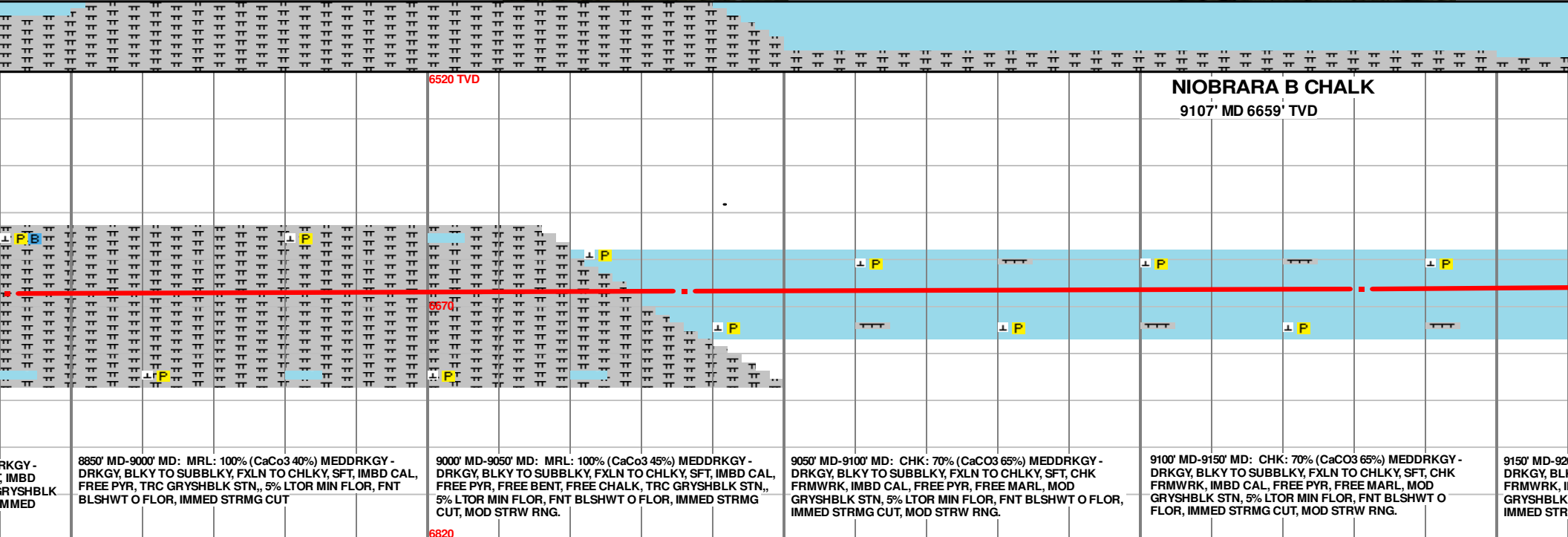
MD 8656 TVD 6666.38
INC 90.99 AZ 90.7
VS 2293.78

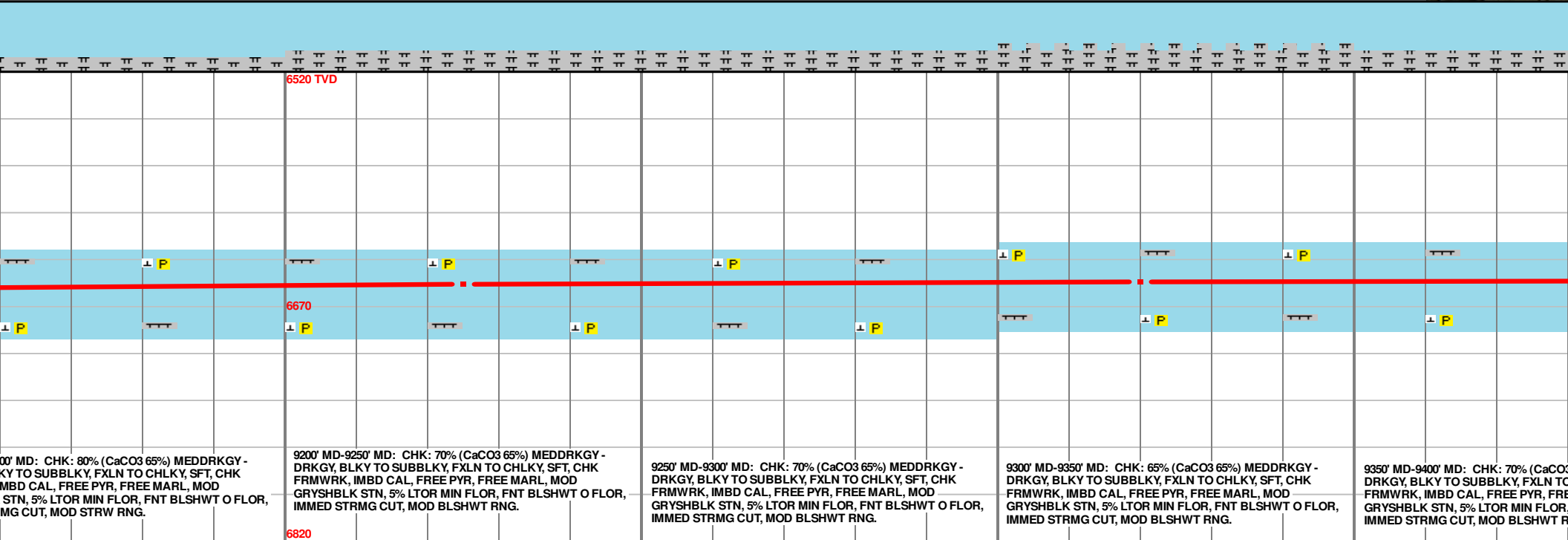
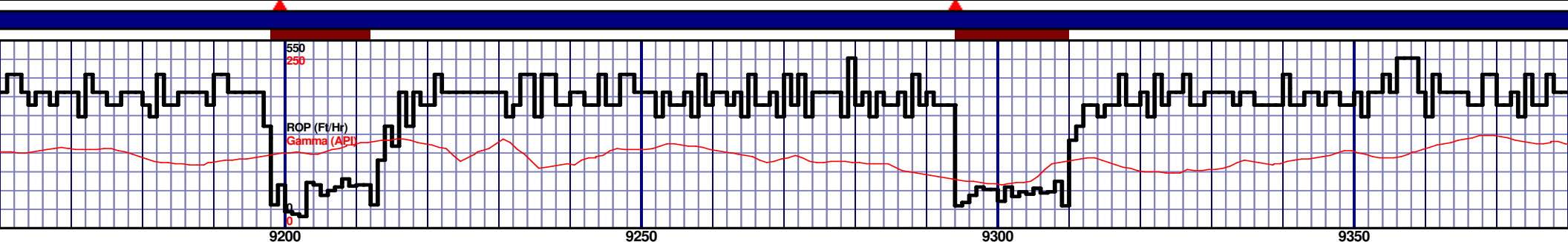
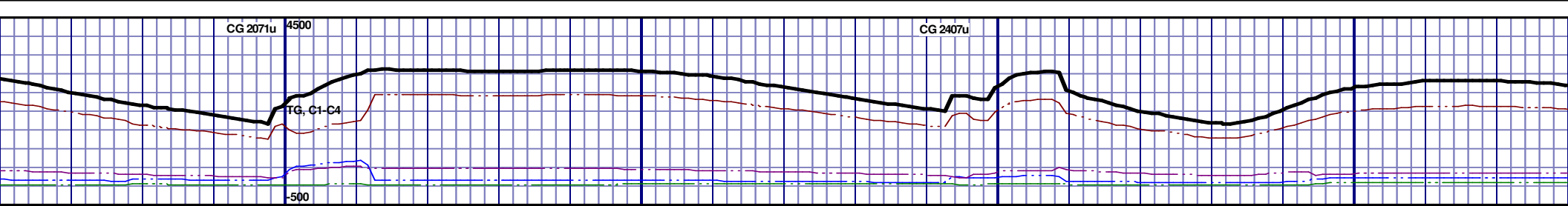


MD 8751 TVD 6665.13
INC 90.52 AZ 88.54
VS 2388.74

MD 8846 TVD 6663.68
INC 91.23 AZ 90.53
VS 2483.69



																								
NIORARA B CHALK 9107' MD 6659' TVD																								



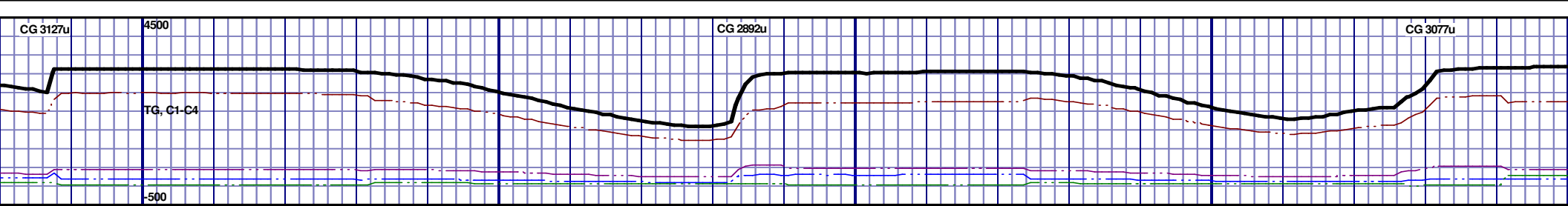
00' MD: CHK: 80% (CaCO₃ 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

9200' MD-9250' MD: CHK: 70% (CaCO₃ 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

9250' MD-9300' MD: CHK: 70% (CaCO₃ 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

9300' MD-9350' MD: CHK: 65% (CaCO₃ 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

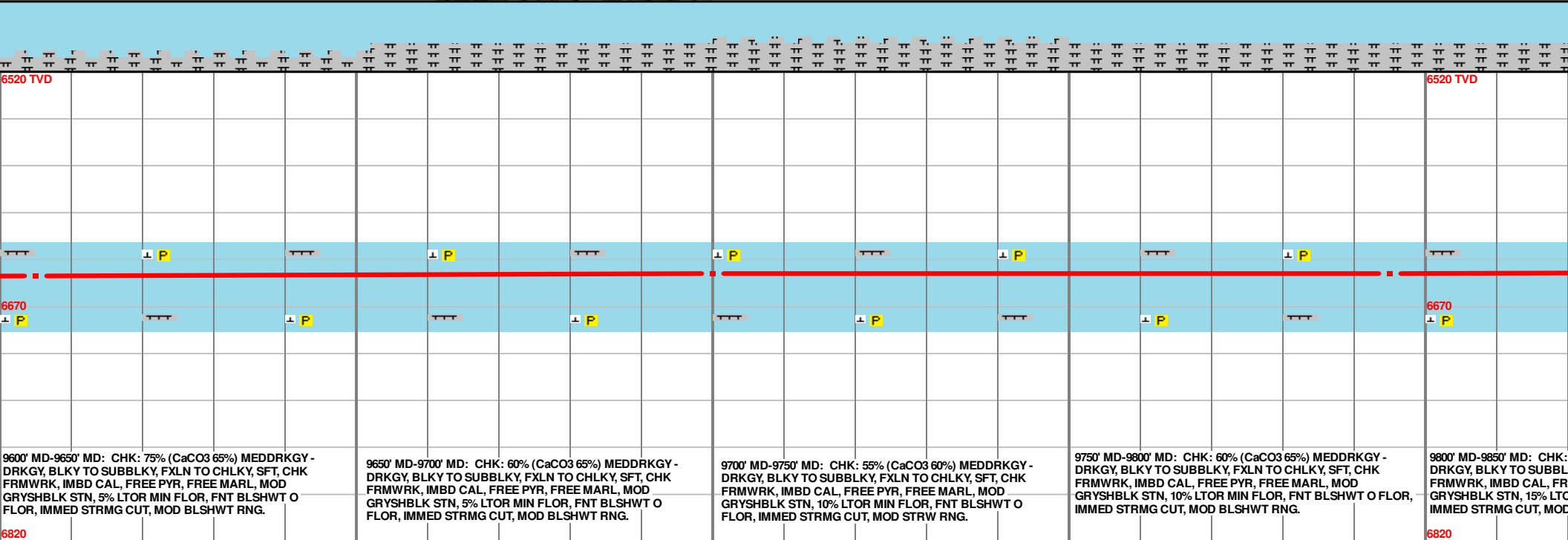
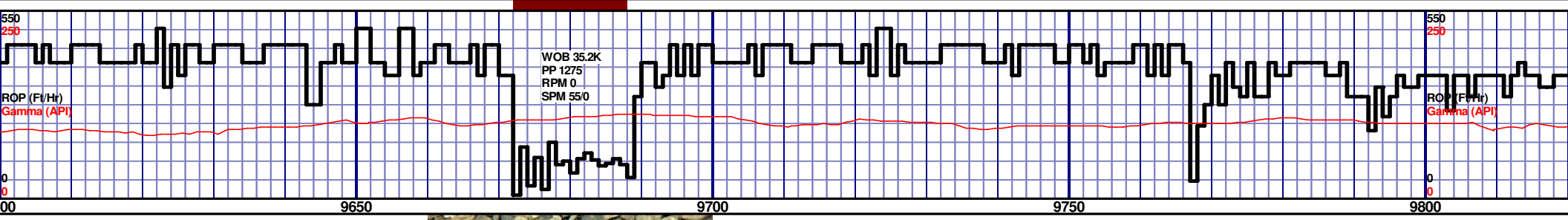
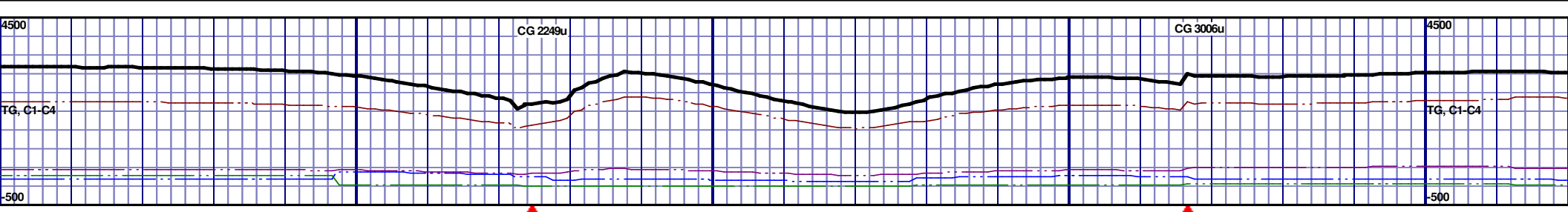
9350' MD-9400' MD: CHK: 70% (CaCO₃ 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

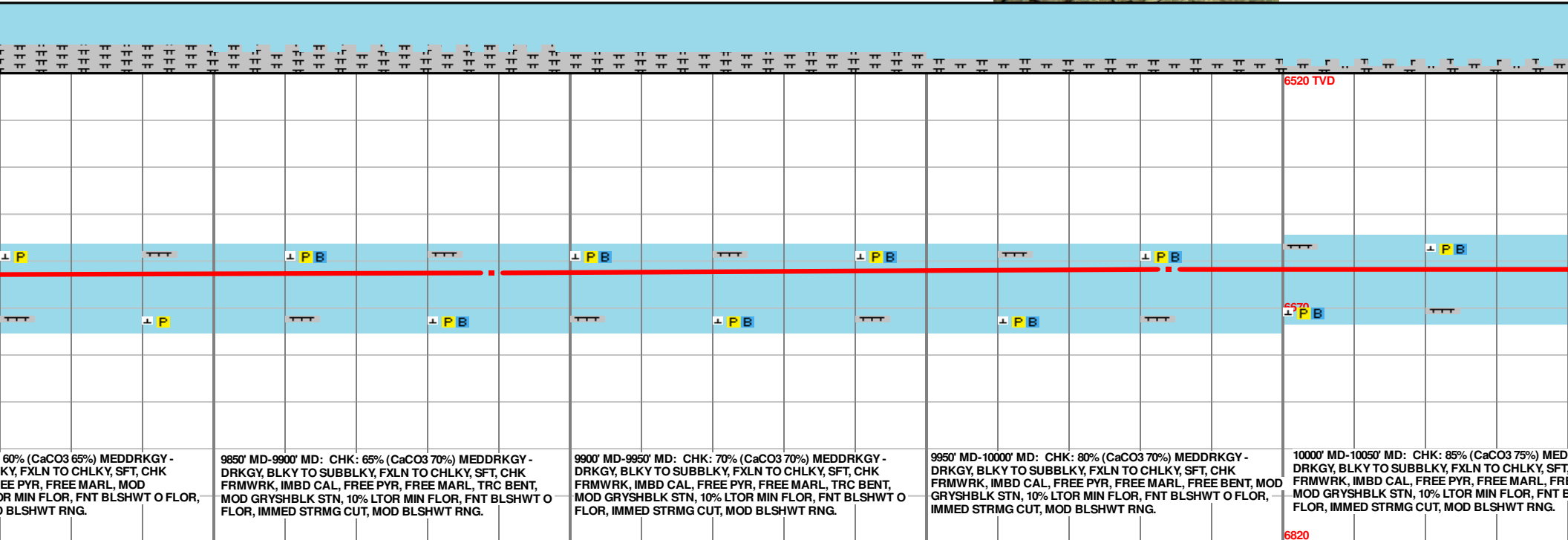
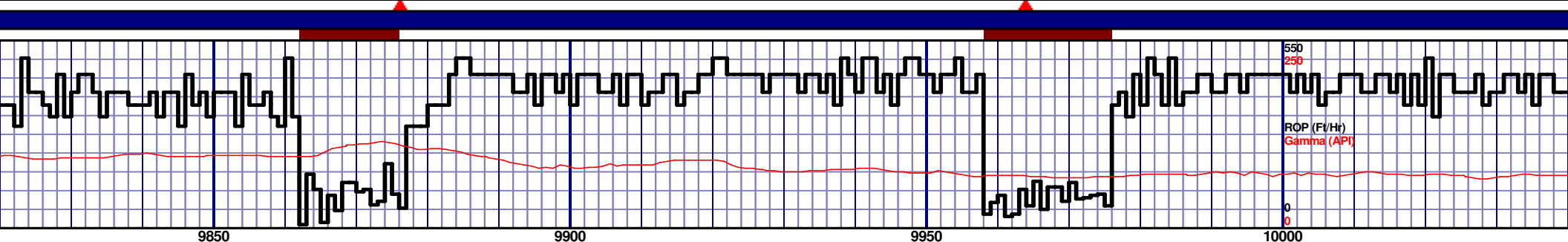
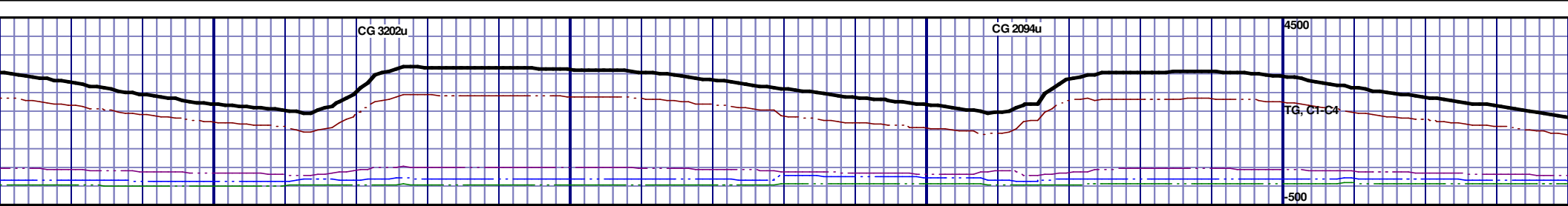


00' MD 6654' TVD	6520 TVD			
<p>65%) MEDDRKGY - CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.</p>	<p>9400' MD-9450' MD: CHK: 75% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.</p>	<p>9450' MD-9500' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.</p>	<p>9500' MD-9550' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.</p>	<p>9550' MD-9600' MD: CHK: 75% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSHBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.</p>
6820				

MD 9415 TVD 6653.74
INC 89.88 AZ 90.93
VS 3052.33

MD 9510 TVD 6652.87
INC 91.17 AZ 89.24
VS 3147.27





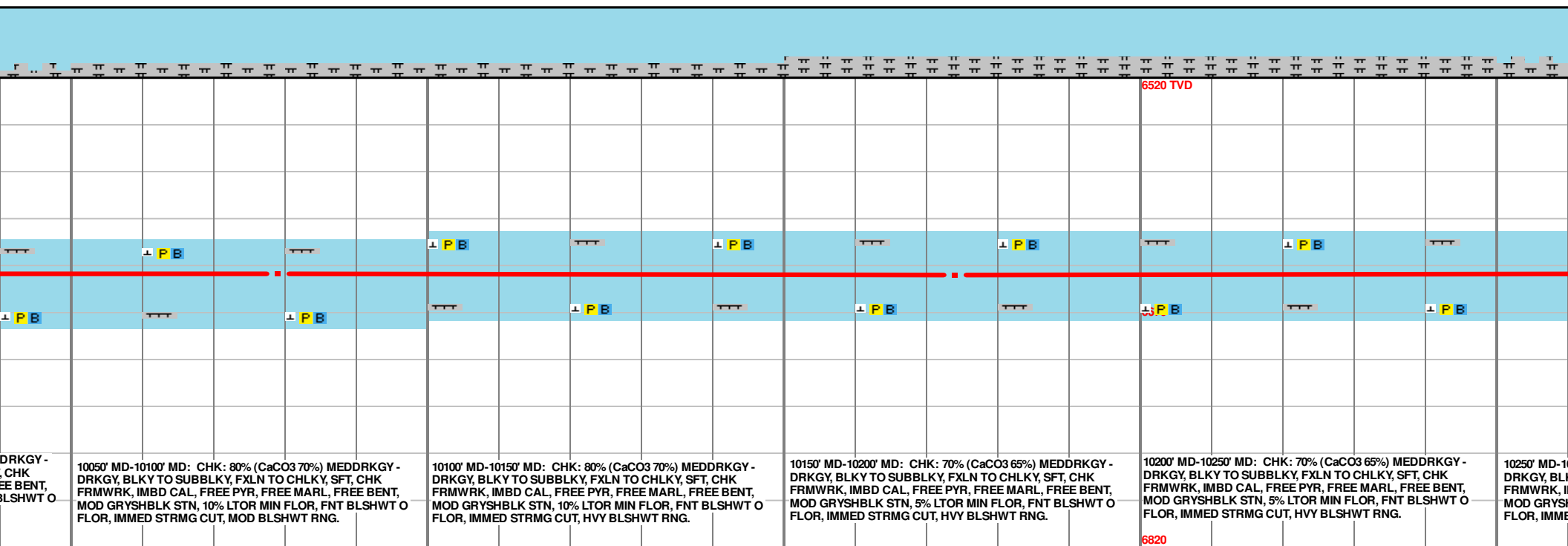
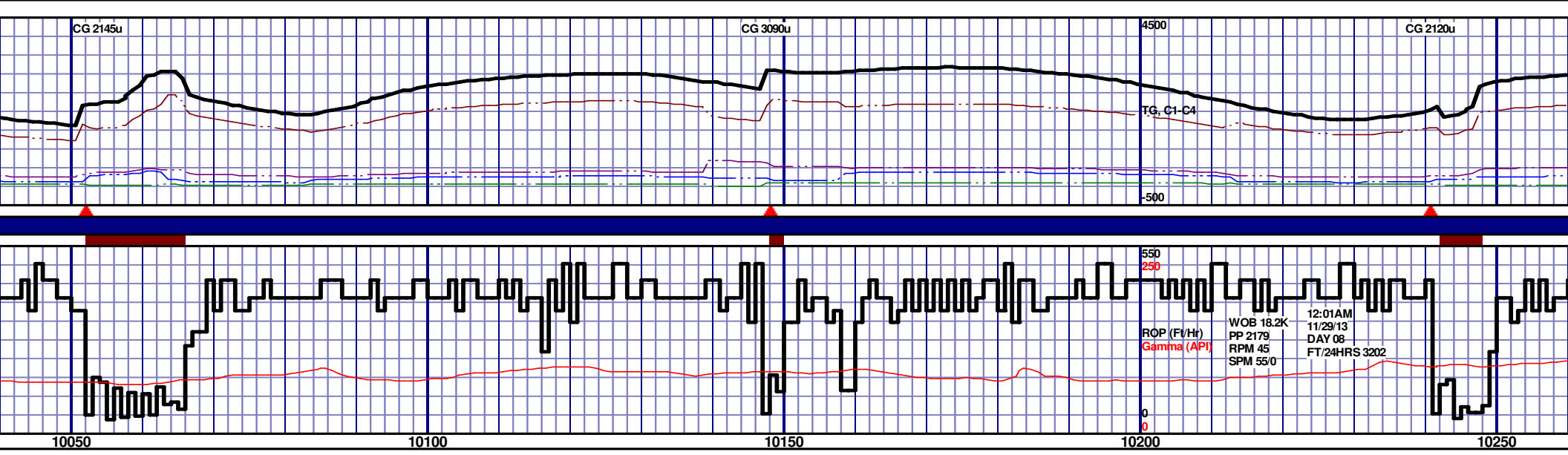
60% (CaCO₃ 65%) MEDDRKGY -
KY, FXLN TO CHLKY, SFT, CHK
FREE PYR, FREE MARL, MOD
OR MIN FLOR, FNT BLSHWT O FLOR,
BLSHWT RNG.

9850' MD-9900' MD: CHK: 65% (CaCO₃ 70%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWKR, IMBD CAL, FREE PYR, FREE MARL, TRC BENT,
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

9900' MD-9950' MD: CHK: 70% (CaCO₃ 70%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWKR, IMBD CAL, FREE PYR, FREE MARL, TRC BENT,
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.

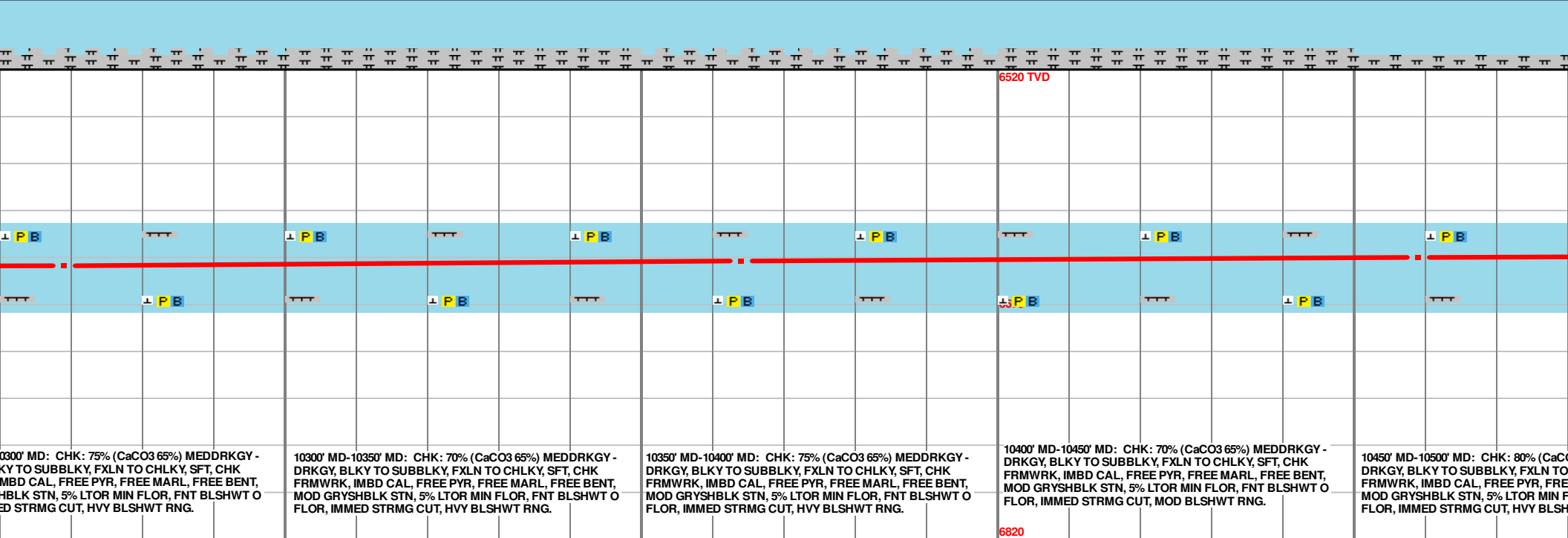
9950' MD-10000' MD: CHK: 80% (CaCO₃ 70%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWKR, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD
GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR,
IMMED STRMG CUT, MOD BLSHWT RNG.

10000' MD-10050' MD: CHK: 85% (CaCO₃ 75%) MED
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWKR, IMBD CAL, FREE PYR, FREE MARL, FR
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT B
FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.



MD 10079 TVD 6644.99
INC 89.41 AZ 87.85
VS 3716.14

MD 10174 TVD 6645.84
INC 89.57 AZ 87.75
VS 3811.13



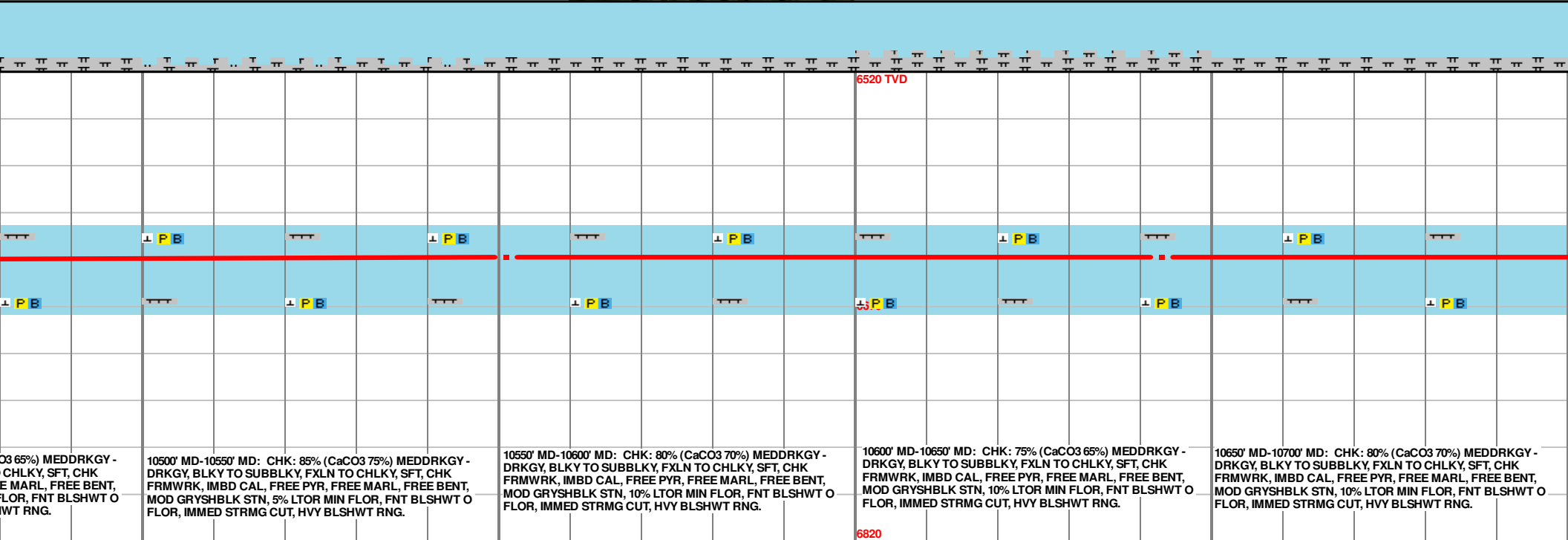
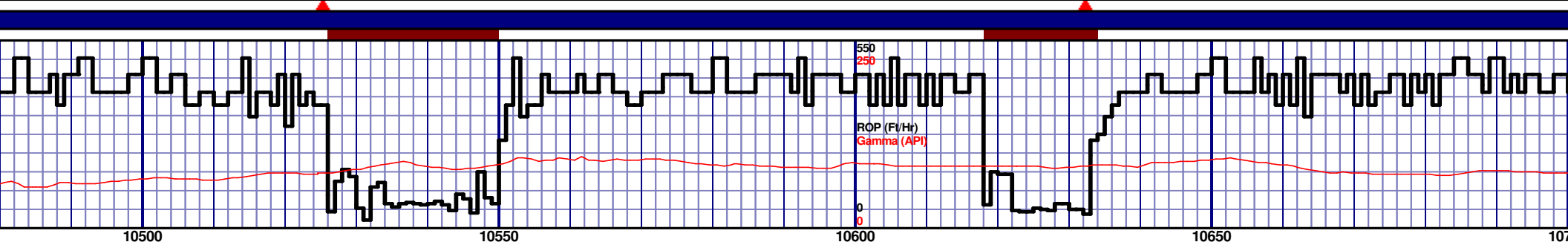
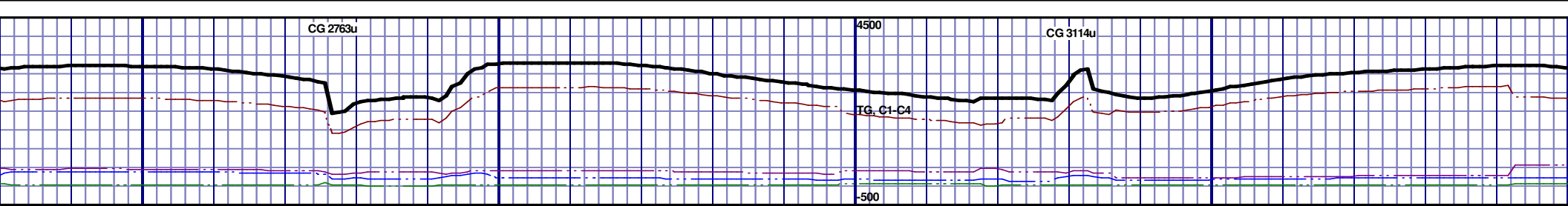
10300' MD: CHK: 75% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLO, IMMED STRMG CUT, HVY BLSHWT RNG.

10300' MD-10350' MD: CHK: 70% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLO, IMMED STRMG CUT, HVY BLSHWT RNG.

10350' MD-10400' MD: CHK: 75% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLO, IMMED STRMG CUT, HVY BLSHWT RNG.

10400' MD-10450' MD: CHK: 70% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLO, IMMED STRMG CUT, MOD BLSHWT RNG.

10450' MD-10500' MD: CHK: 80% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLO, IMMED STRMG CUT, HVY BLSHWT RNG.



03 65%) MEDDRKGY -
CHLKY, SFT, CHK
E MARL, FREE BENT,
FLOR, FNT BLSHWT O
WWT RNG.

10500' MD-10550' MD: CHK: 85% (CaCO3 75%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

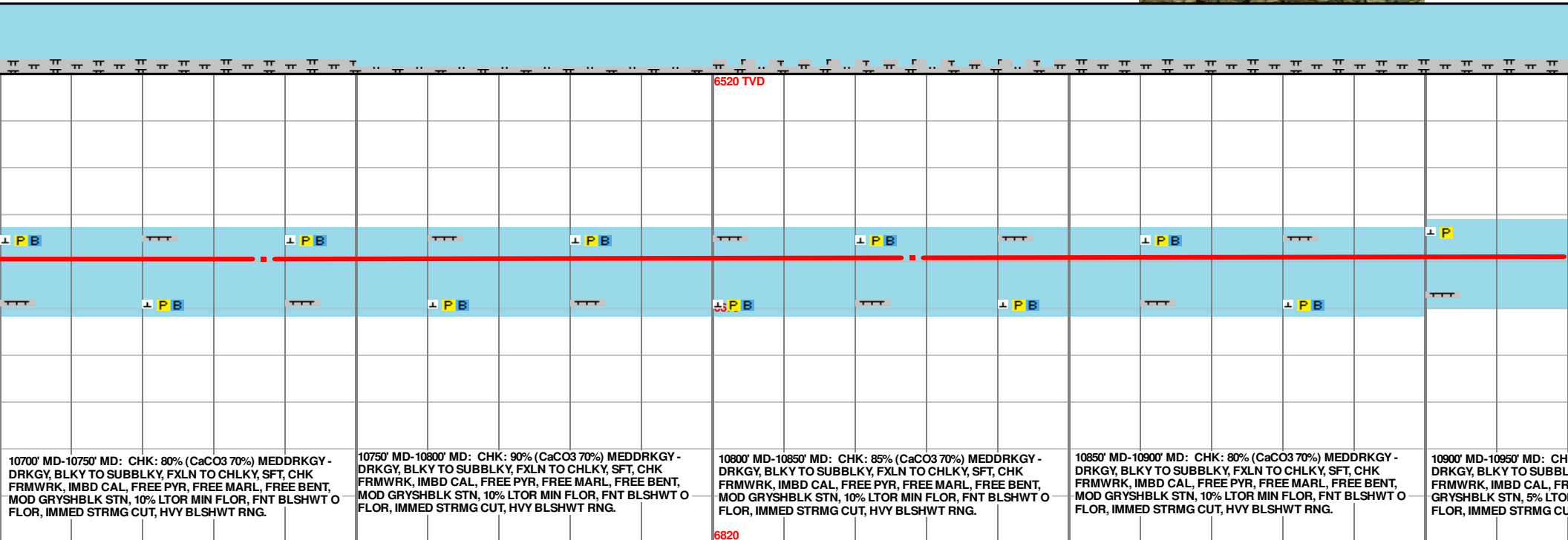
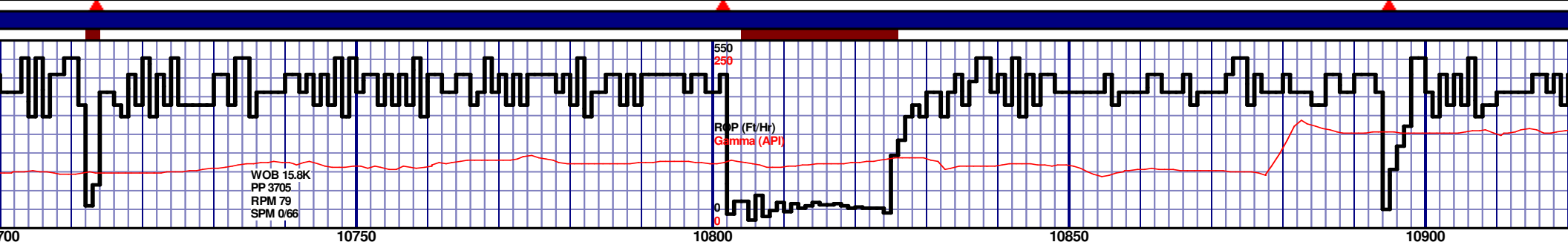
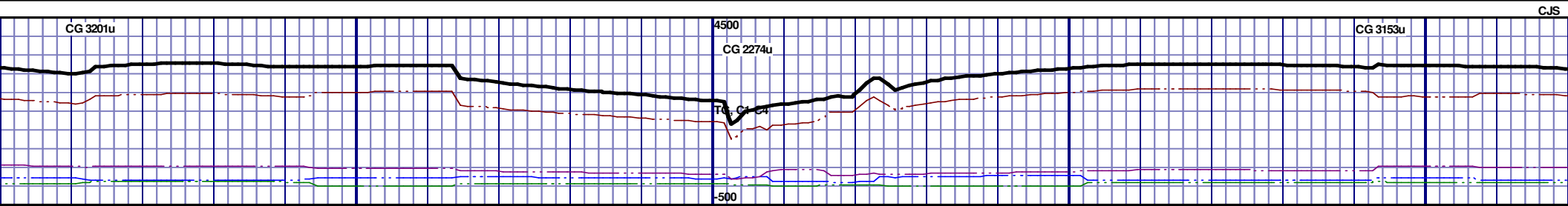
10550' MD-10600' MD: CHK: 80% (CaCO3 70%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

10600' MD-10650' MD: CHK: 75% (CaCO3 65%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

10650' MD-10700' MD: CHK: 80% (CaCO3 70%) MEDDRKGY -
DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK
FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT,
MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O
FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

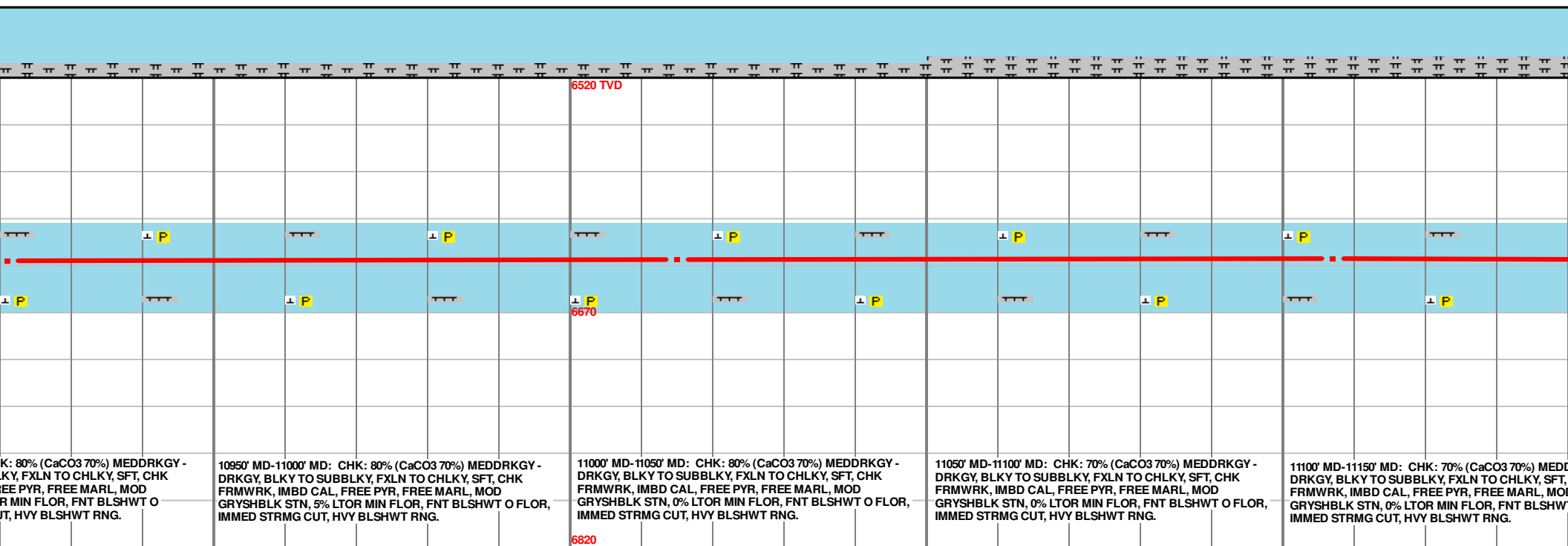
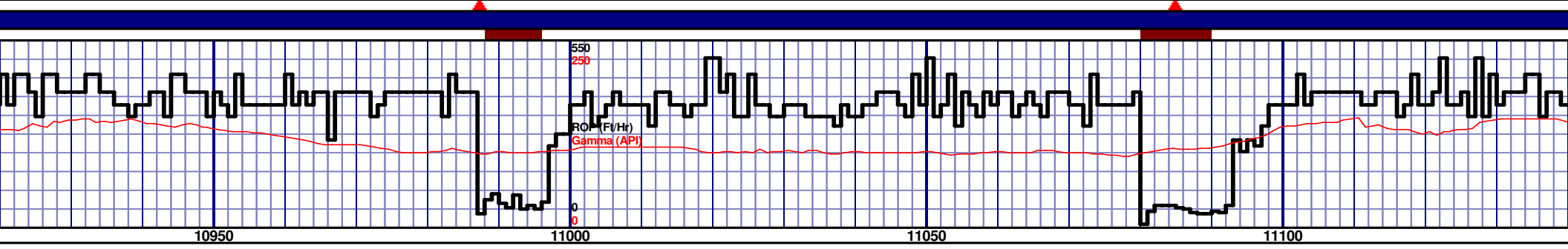
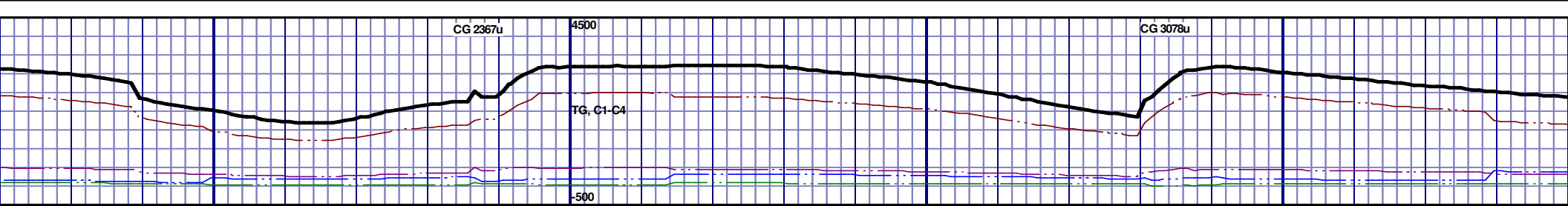
MD 10551 TVD 6638.47
INC 90.25 AZ 89.85
VS 4188.01

MD 10643 TVD 6638.76
INC 89.38 AZ 91.57
VS 4279.92



MD 10737 TVD 6638.49
INC 90.95 AZ 91.84
VS 4373.74

MD 10828 TVD 6637.59
INC 90.19 AZ 88.93
VS 4464.66



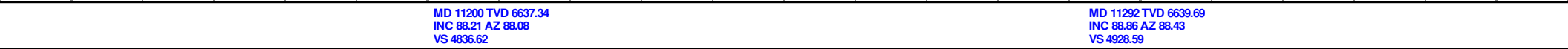
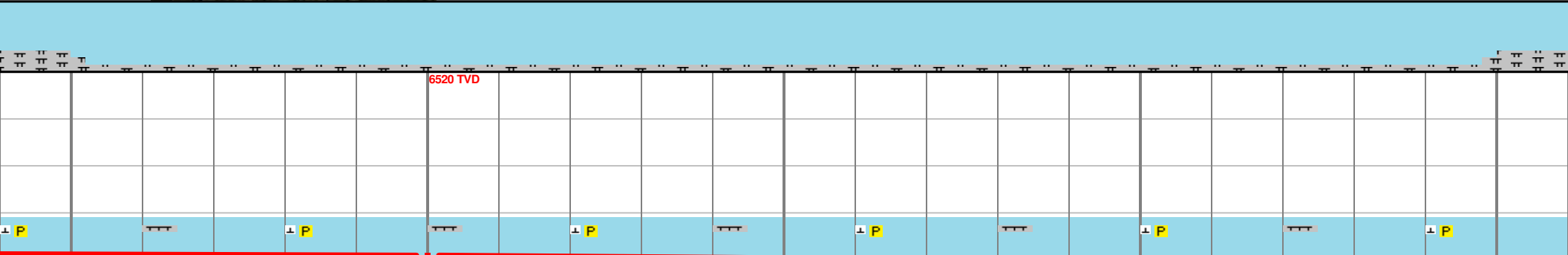
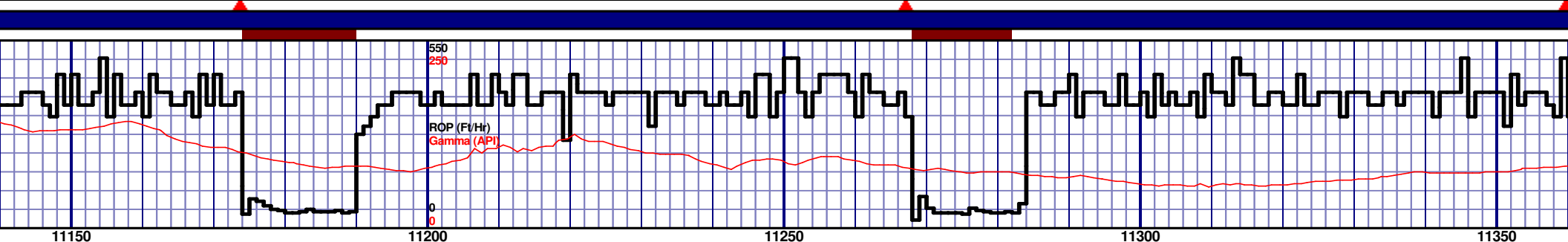
MD 10921 TVD 6637.03
INC 90.49 AZ 87.91
VS 4557.66

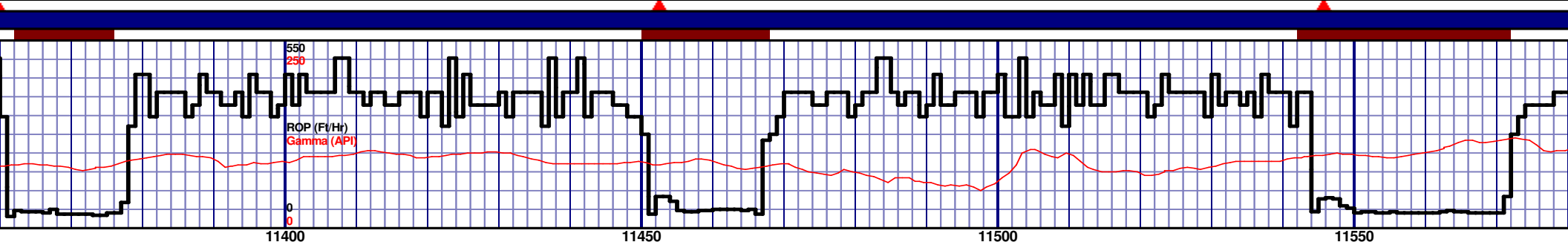
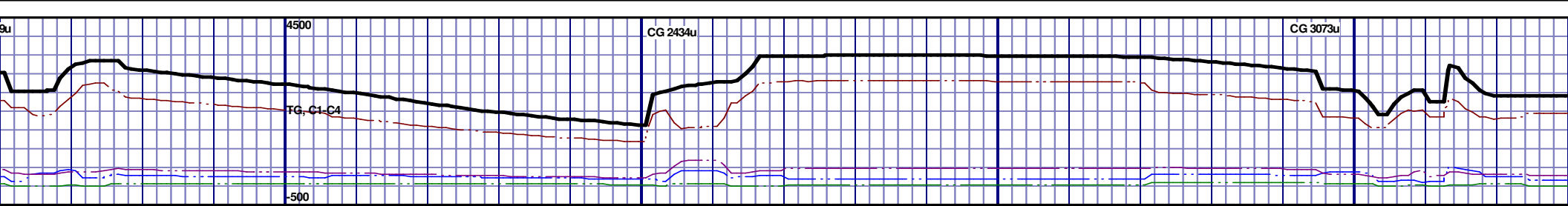
10950' MD-11000' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

11000' MD-11050' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 0% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

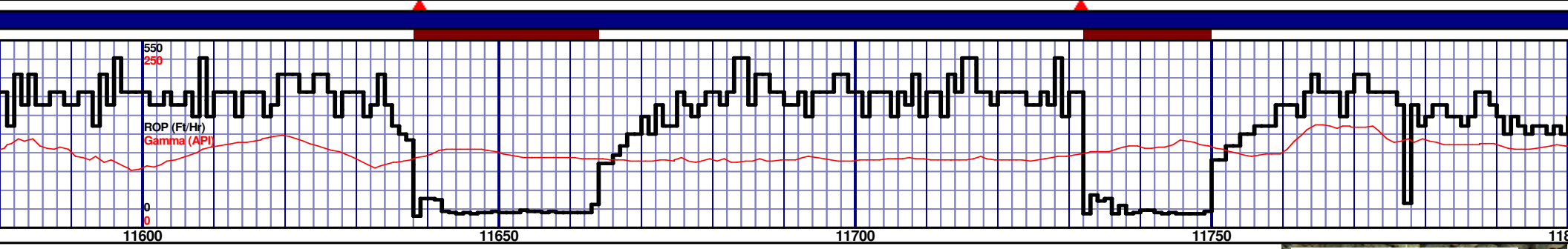
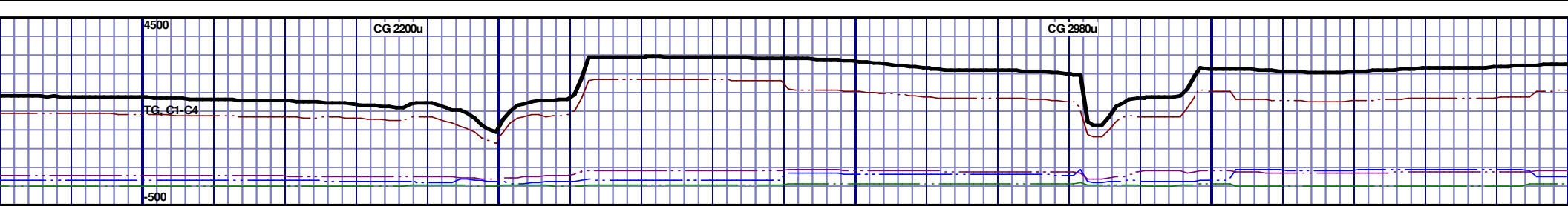
11050' MD-11100' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 0% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

11100' MD-11150' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 0% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

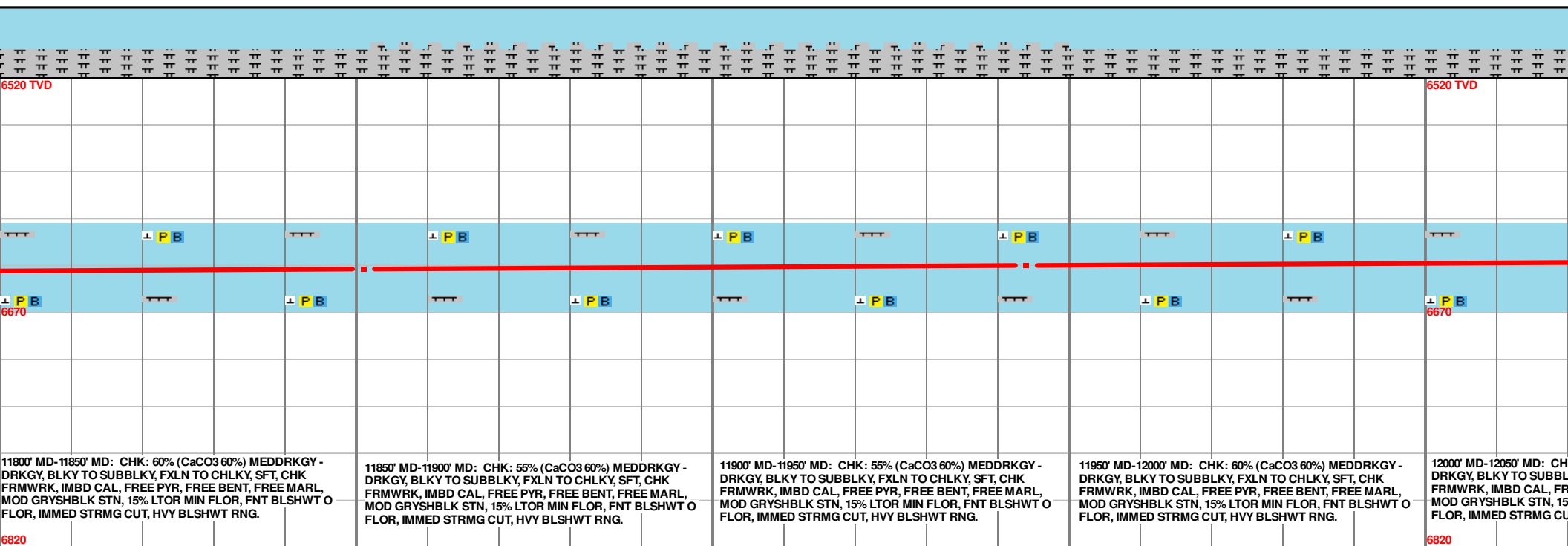
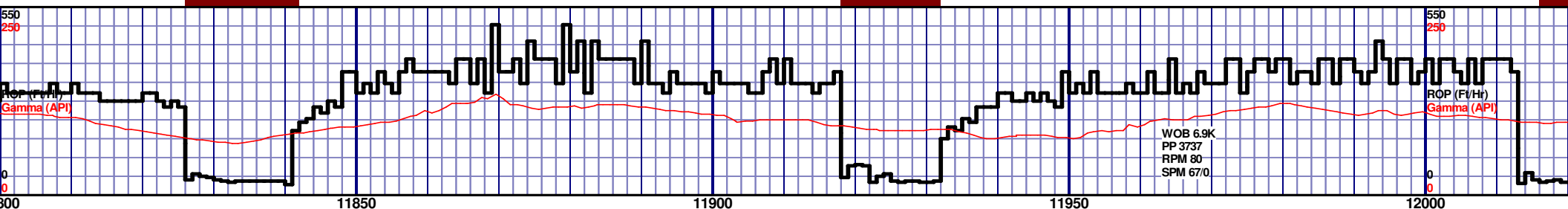
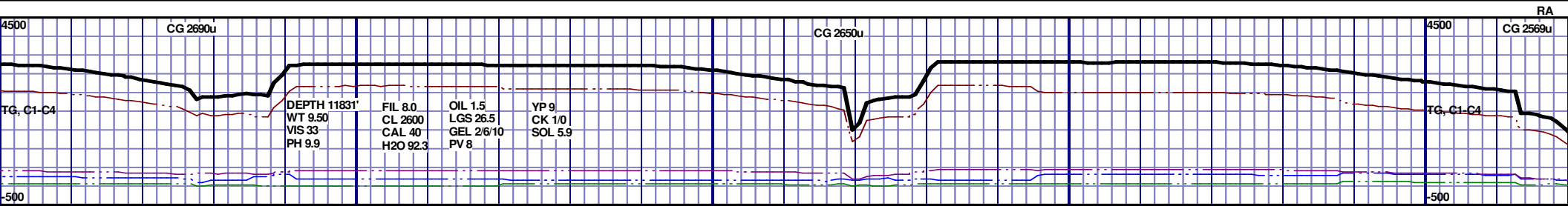




6520 TVD									

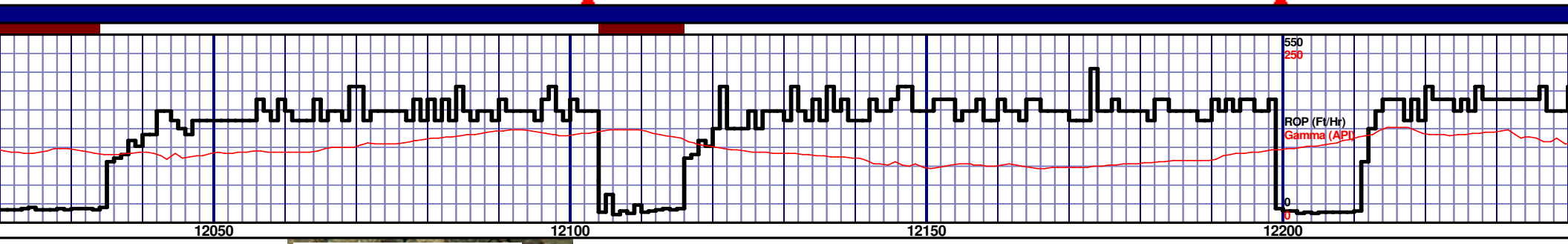
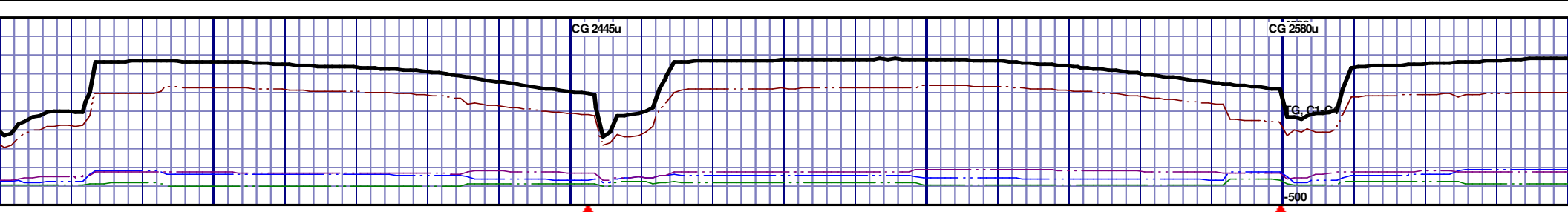


<p>6520 TVD</p>				
<p>11600' MD-11650' MD: CHK: 60% (CaCO₃ 75%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.</p>				
<p>6670</p>				
<p>6820</p>				



MD 11851 TVD 6642.19
INC 91.57 AZ 88.13
VS 5487.38

MD 11944 TVD 6639.74
INC 91.45 AZ 87.89
VS 5580.35

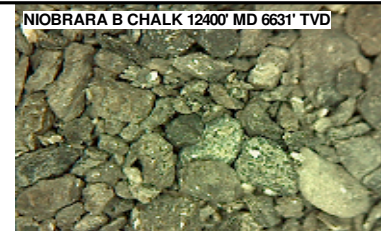
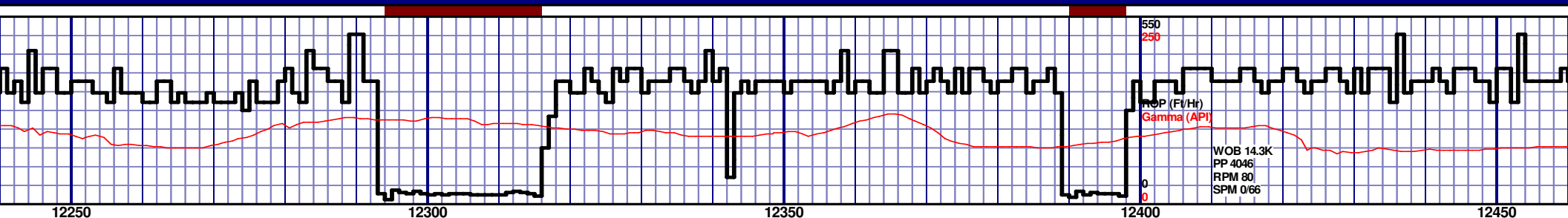
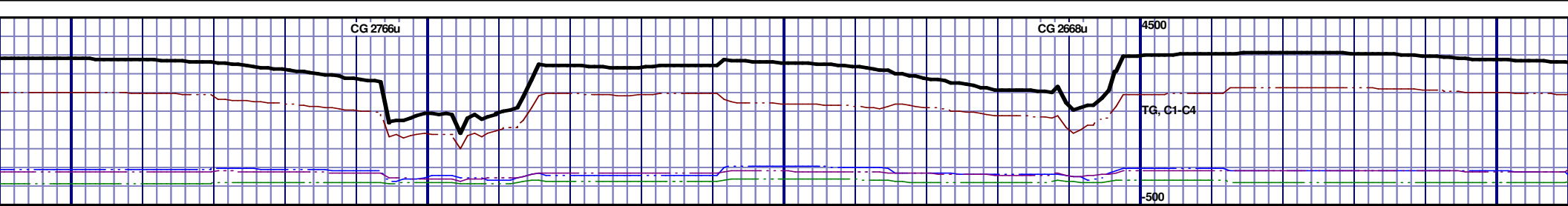


K: 60% (CaCO3 60%) MEDDRKGY - DRKGY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, HVY BLSHWT RNG.									
12050' MD-12100' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12100' MD-12150' MD: CHK: 55% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12150' MD-12200' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12200' MD-12250' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									

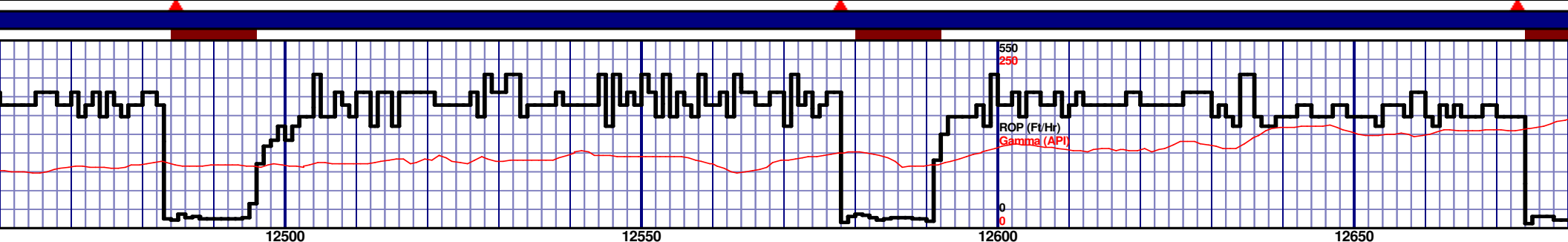
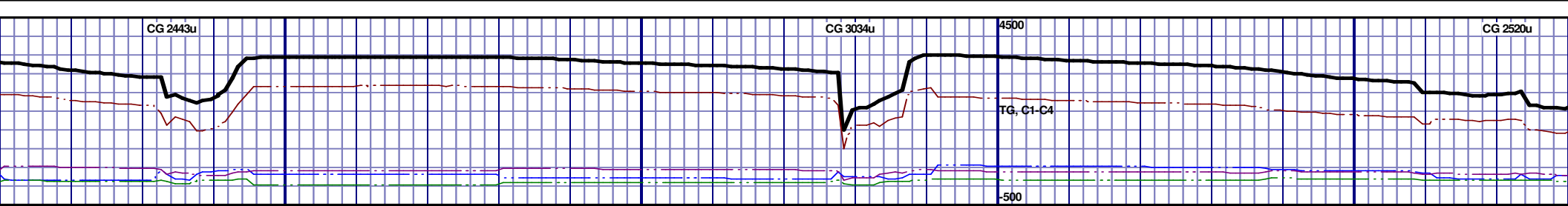
MD 12037 TVD 6637.96
INC 90.74 AZ 88.74
VS 5673.33

MD 12131 TVD 6637.26
INC 90.12 AZ 88.78
VS 5767.32

MD 12226 TVD 6637.26
INC 93.21 AZ 89.65
VS 5862.25



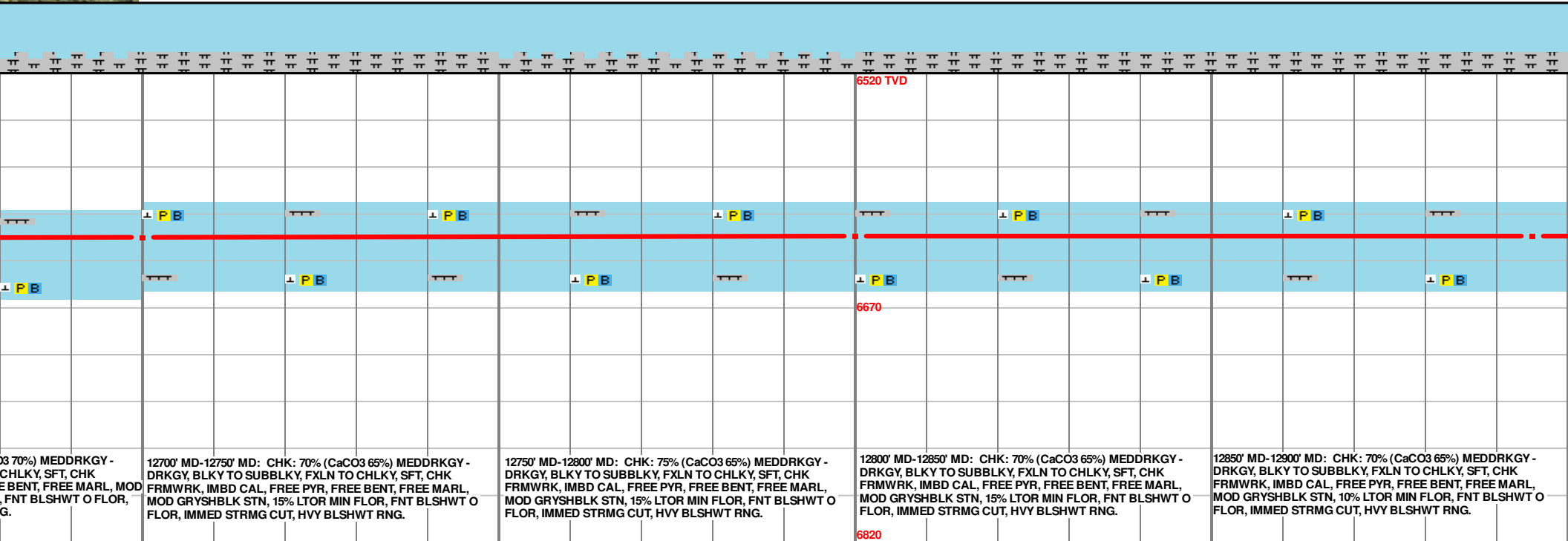
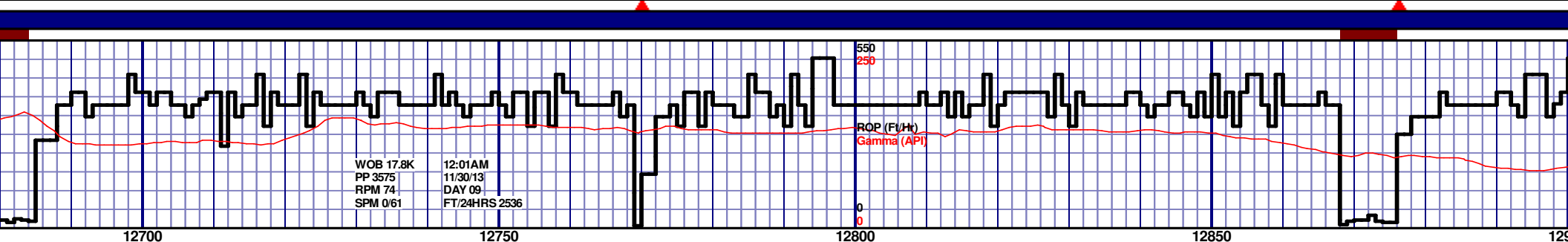
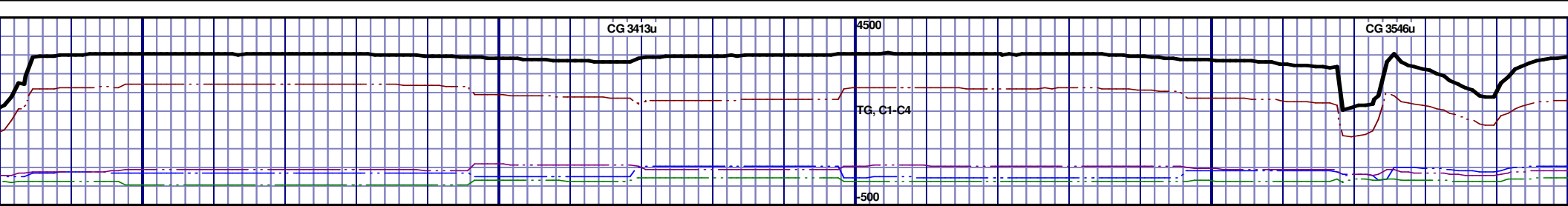
DRKGY - CHK MARL BLSHWT O					
	12250' MD-12300' MD: CHK: 65% (CaCO3 63%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.	12300' MD-12350' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.	12350' MD-12400' MD: CHK: 55% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.	12400' MD-12450' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.	12450' MD-12500' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.



12500' MD-12550' MD: CHK: 75% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12550' MD-12600' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12600' MD-12650' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
12650' MD-12700' MD: CHK: 75% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE BENT, FREE MARL, MOD GRYSBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									

MD 12510 TVD 6627.67
INC 91.42 AZ 90.28
VS 6146.11

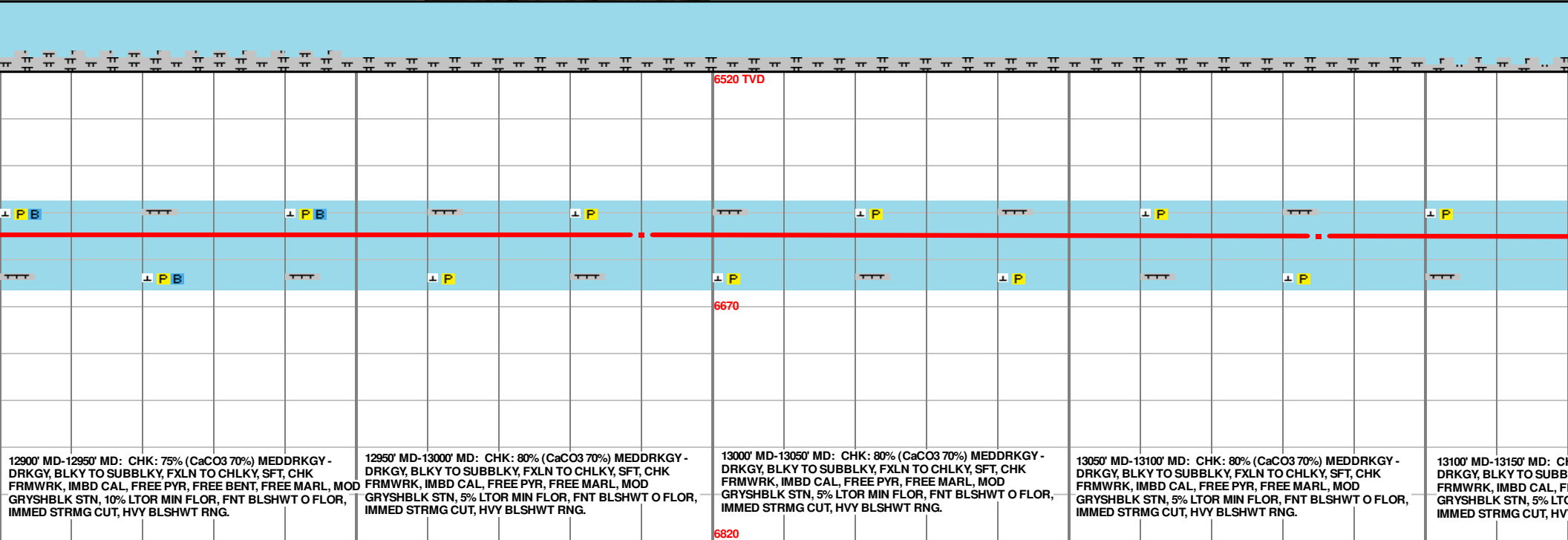
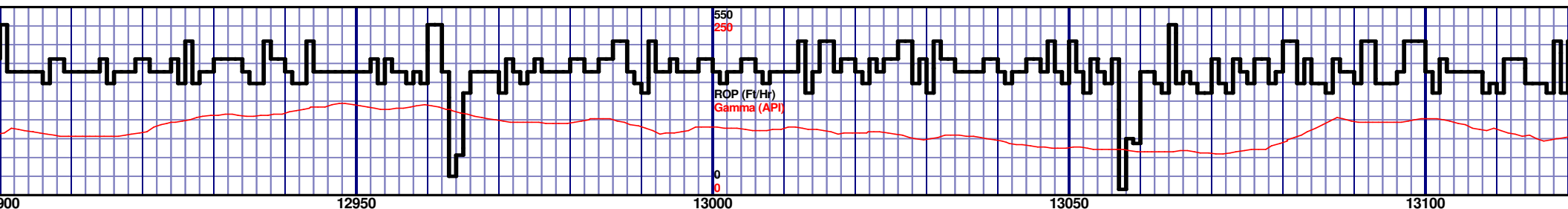
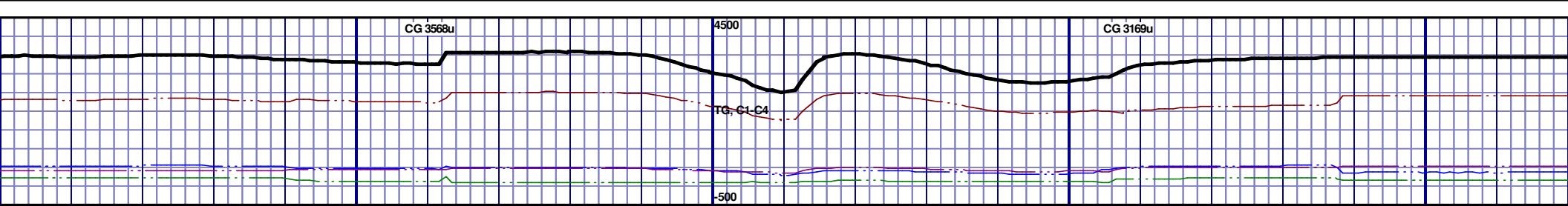
MD 12605 TVD 6625.53
INC 91.17 AZ 92.15
VS 6240.96

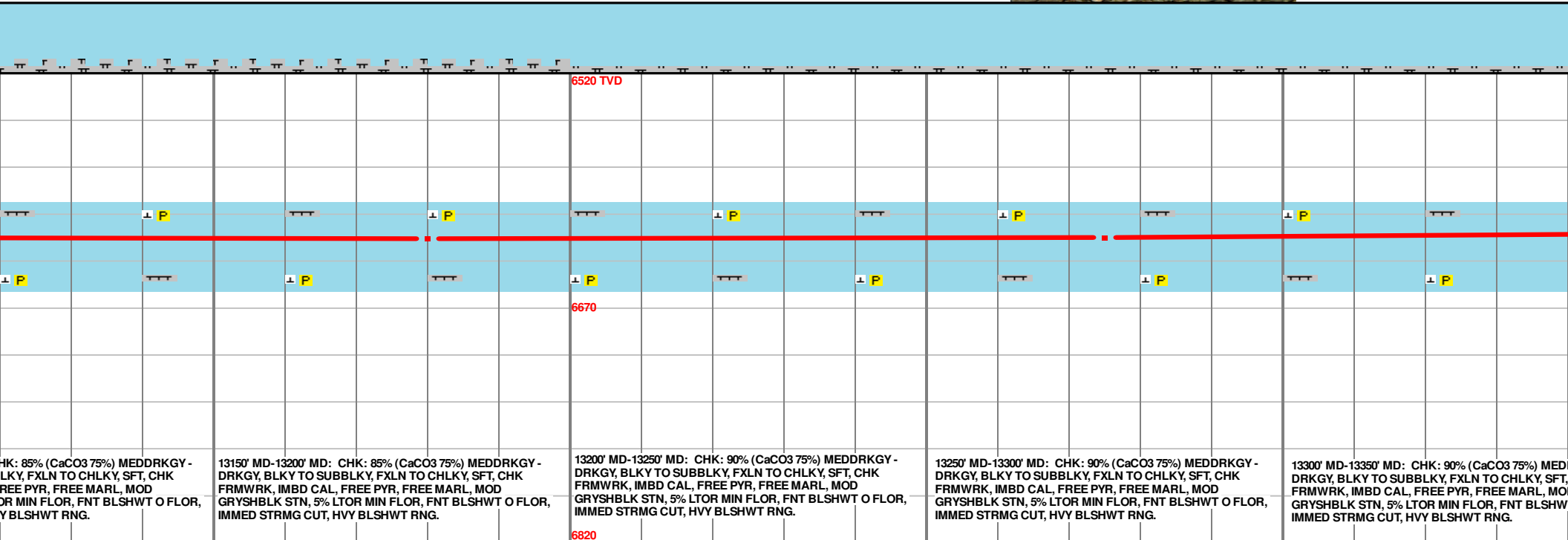
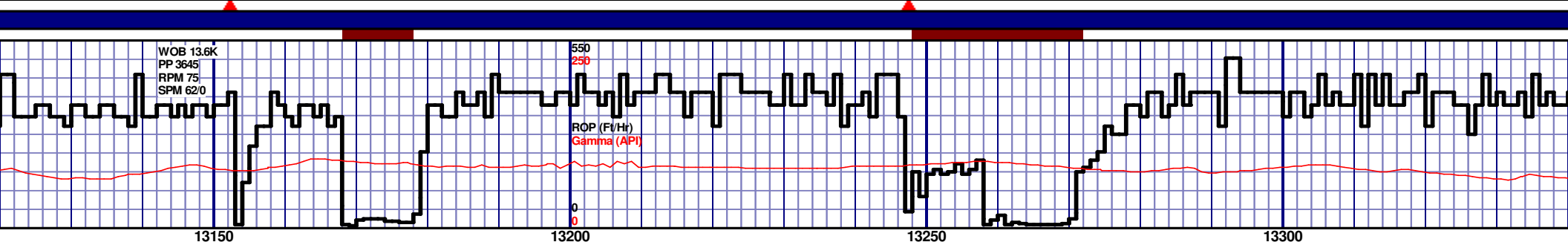
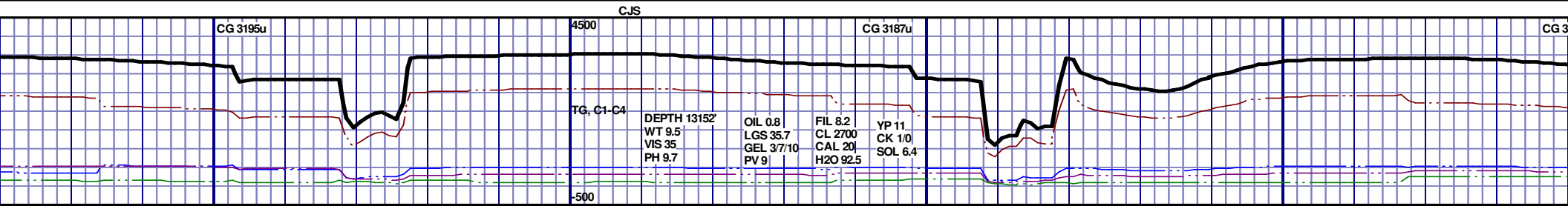


MD 12700 TVD 6624.91
INC 89.57 AZ 91.39
VS 6335.77

MD 12800 TVD 6624.4
INC 91.02 AZ 90.53
VS 6435.65

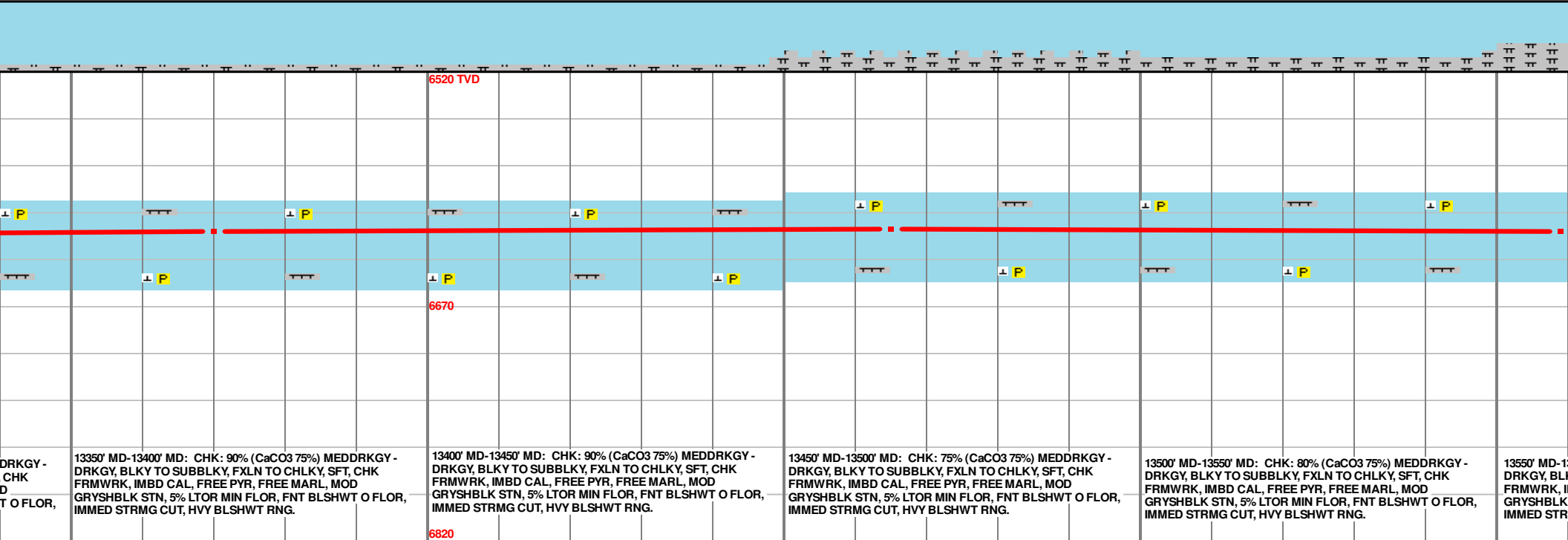
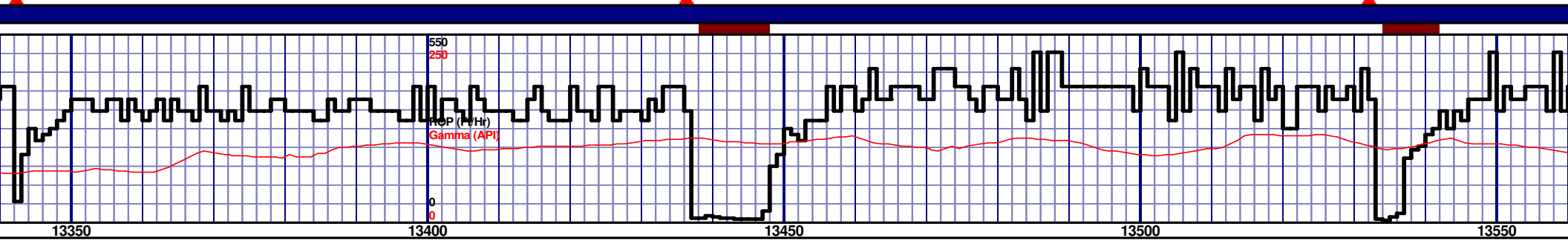
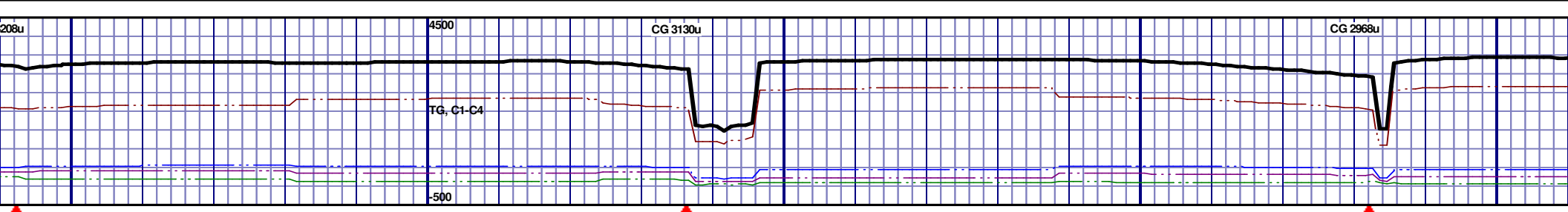
MD 12900 TVD 6624.9
INC 89.57 AZ 91.39
VS 6335.77





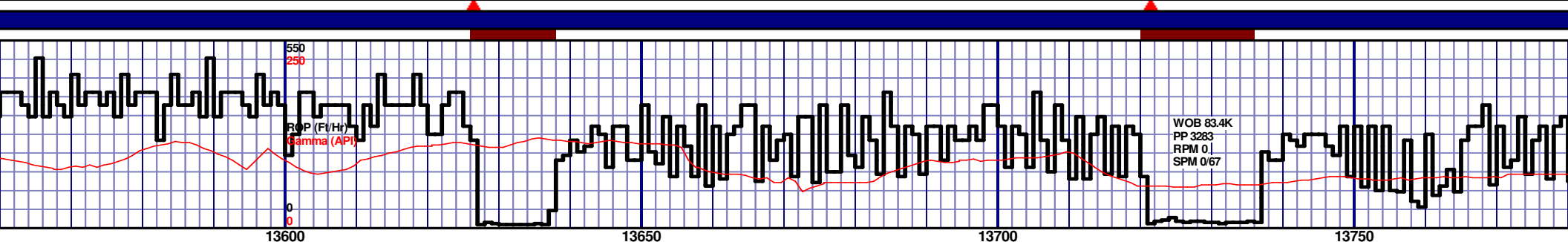
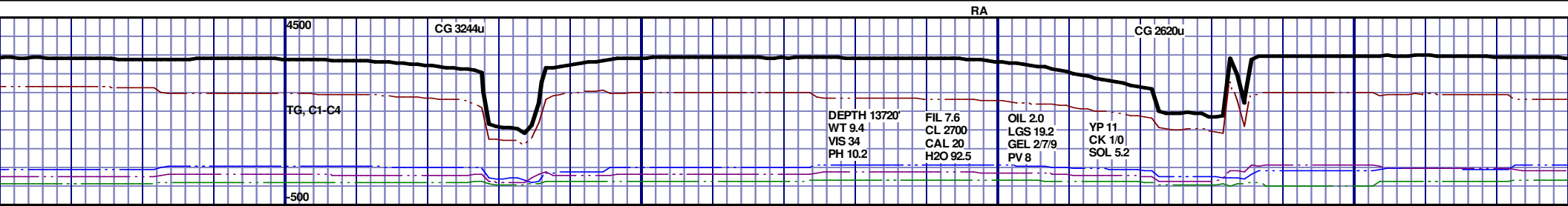
MD 13180 TVD 6625.79
INC 89.88 AZ 88.35
VS 6815.59

MD 13275 TVD 6624.8
INC 91.32 AZ 89.68
VS 6910.57

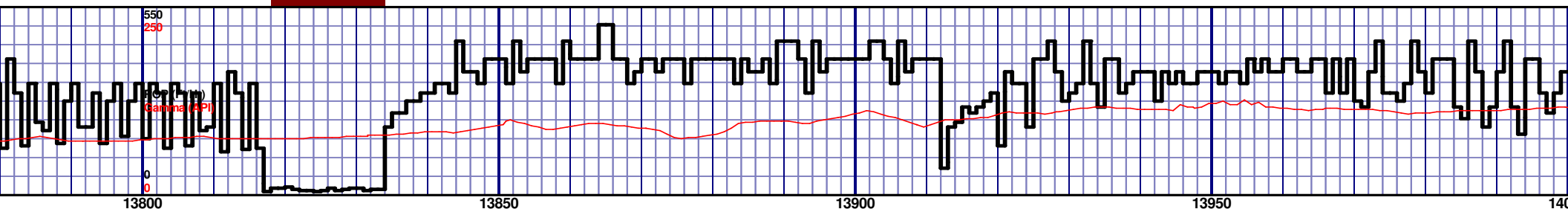
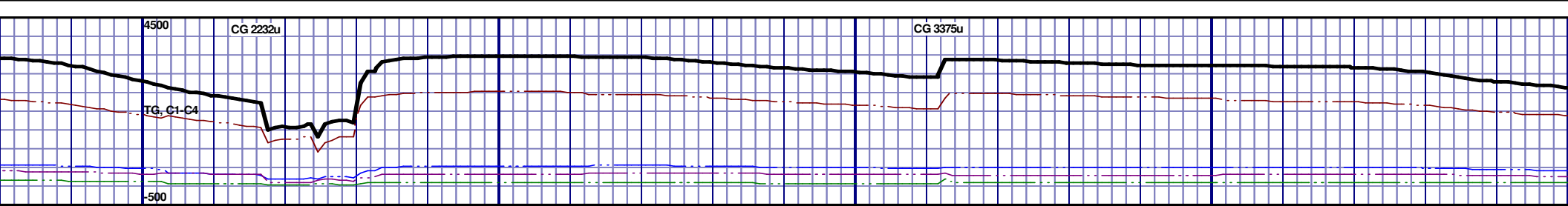


MD 13370 TVD 6622.07
INC 91.97 AZ 89.7
VS 7005.5

MD 13465 TVD 6620.87
INC 89.48 AZ 88.37
VS 7100.47



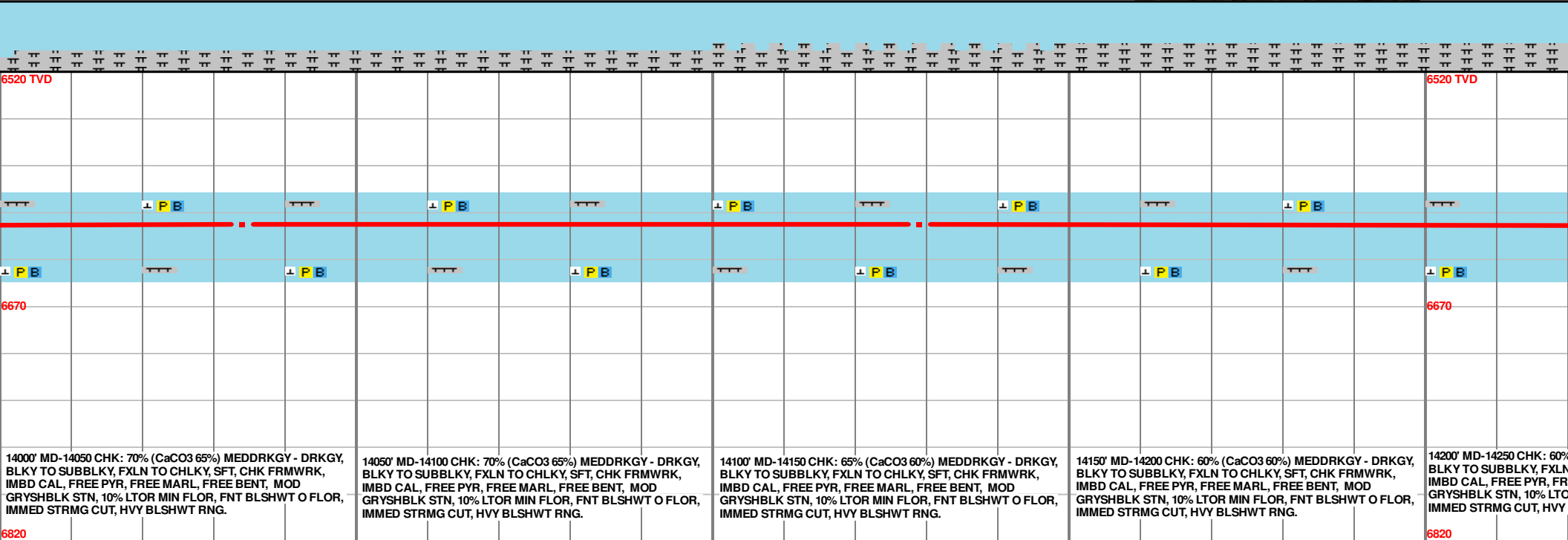
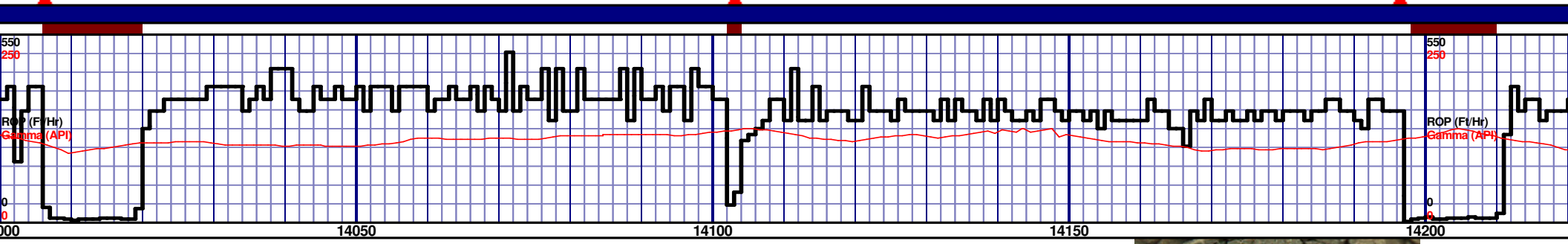
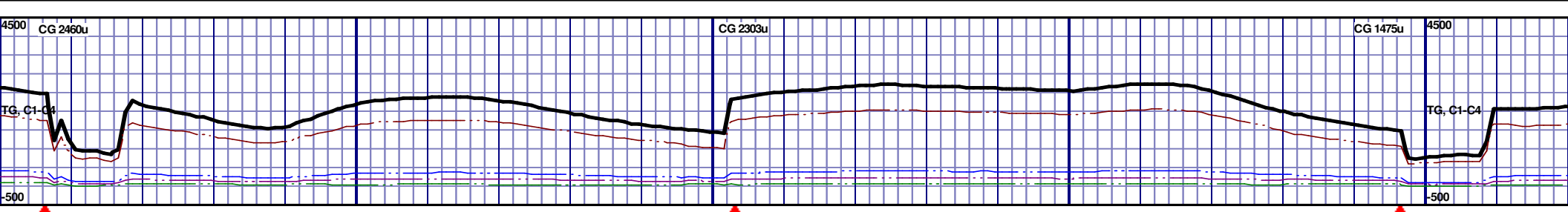
13600' MD-13650' MD: CHK: 70% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13650' MD-13700' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13700' MD-13750' MD: CHK: 60% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13750' MD-13800' MD: CHK: 90% (CaCO3 75%) BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.				
13600' MD-13650' MD: CHK: 60% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13650' MD-13700' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13700' MD-13750' MD: CHK: 60% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					13750' MD-13800' MD: CHK: 90% (CaCO3 75%) BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.				



<p>6520 TVD</p> <p>13800' MD-13850 CHK: 80% (CaCO₃ 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.</p> <p>6670</p> <p>6820</p>	<p>13850' MD-13900 CHK: 80% (CaCO₃ 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.</p>	<p>13900' MD-13950 CHK: 80% (CaCO₃ 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.</p>	<p>13950' MD-14000 CHK: 85% (CaCO₃ 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.</p>
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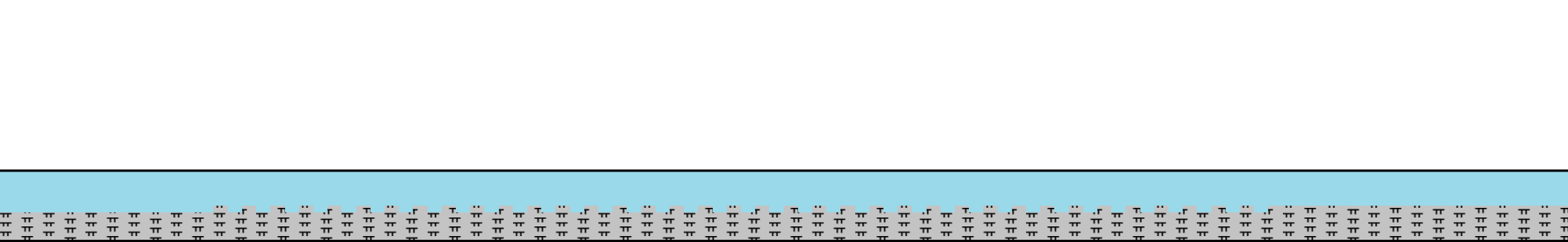
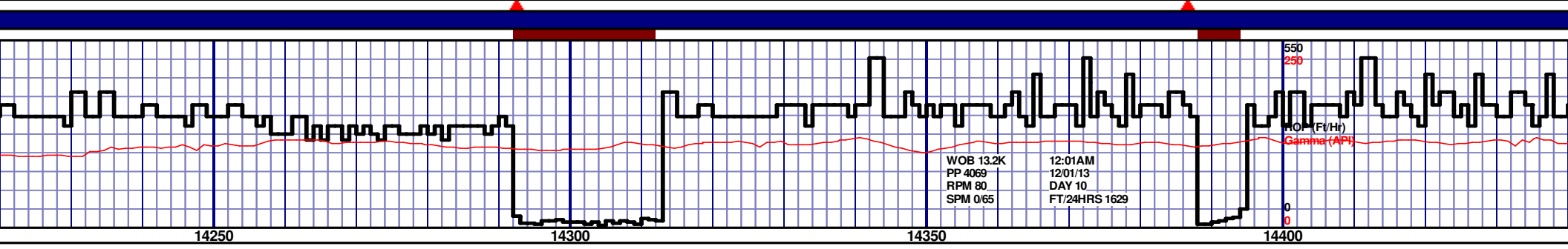
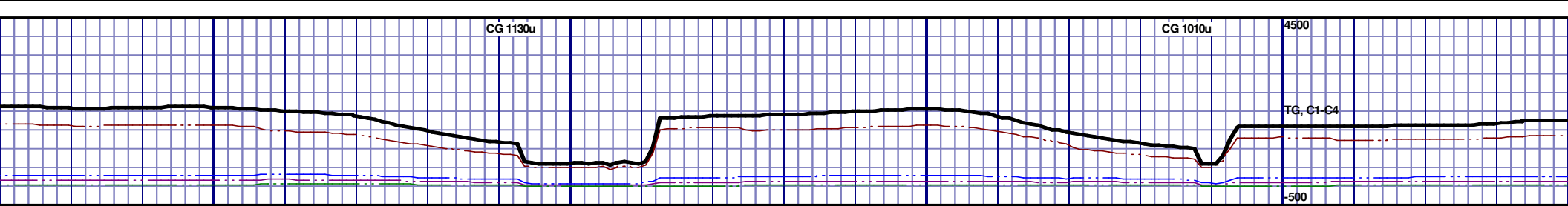
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INC 91.51 AZ 90.12
VS 7479.42

MD 13939 TVD 6618.63
INC 90.49 AZ 89.1
VS 7574.38

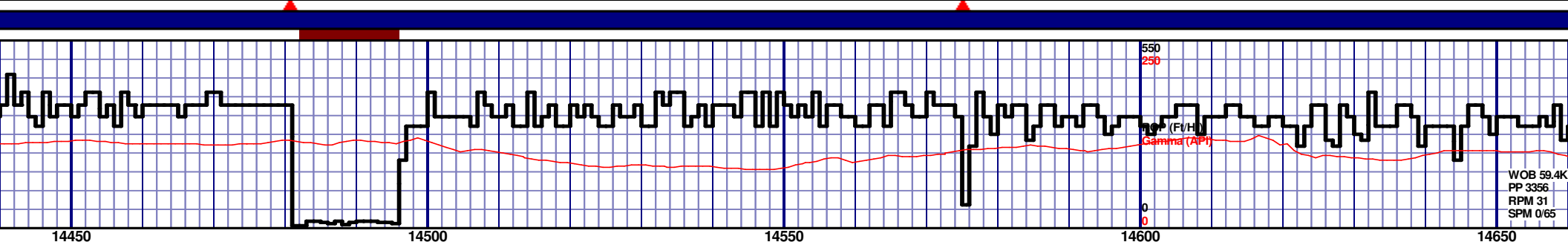
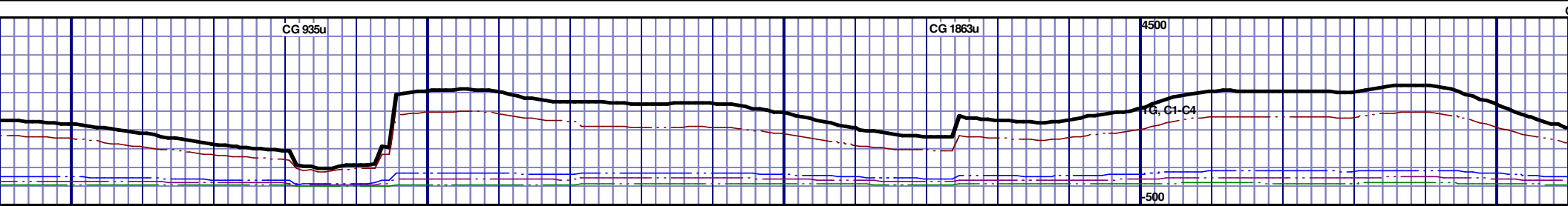


MD 14034 TVD 6617.86
INC 90.43 AZ 90.56
VS 7669.33

MD 14129 TVD 6617.61
INC 89.88 AZ 88.54
VS 7764.3



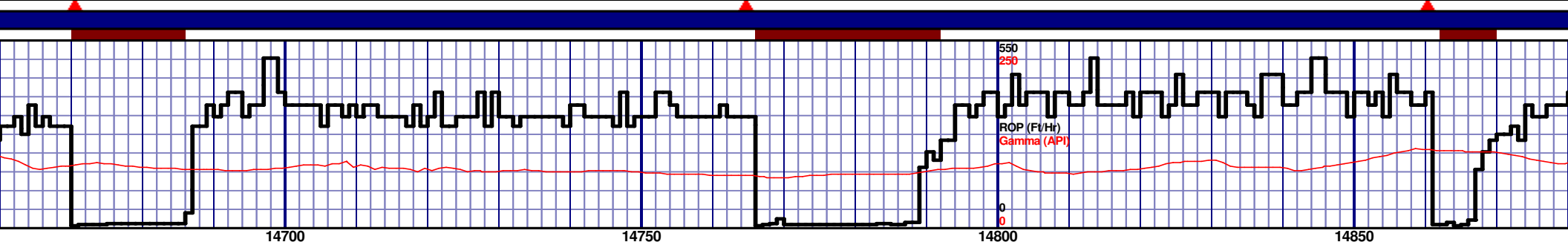
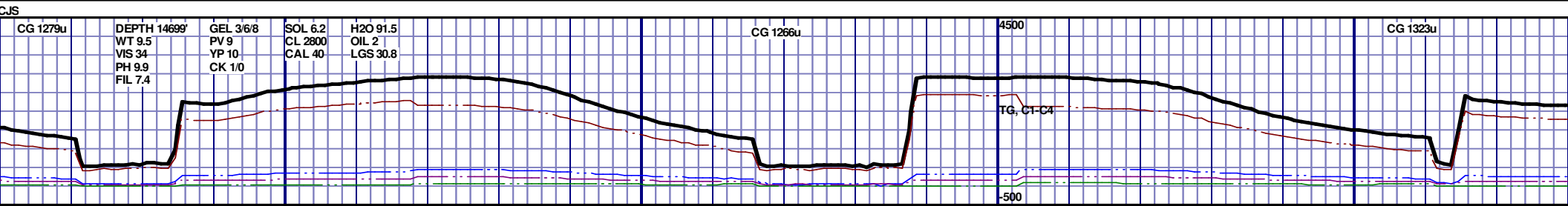
14250' MD-14300 CHK: 55% (CaCO3 58%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.				14300' MD-14350 CHK: 55% (CaCO3 58%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, MOD BLSHWT RNG.				14350' MD-14400 CHK: 55% (CaCO3 58%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.				14400' MD-14450 CHK: 50% (CaCO3 55%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.			
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Y - DRKGY, FRMWRK, MOD GRYSHBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					14450' MD-14500' MD: CHK: 60% (CaCO3 62%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSHBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					14500' MD-14550' MD: CHK: 60% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, FREE PYR, FREE MARL, FREE BENT, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					14550' MD-14600' MD: CHK: 70% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, TRC PYR, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					14600' MD-14650' MD: CHK: 70% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.					14650' MD-14700' MD: CHK: 70% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSHBLK STN, 15% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.				
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MD 14508 TVD 6615.09
INC 92.13 AZ 88.22
VS 8143.22

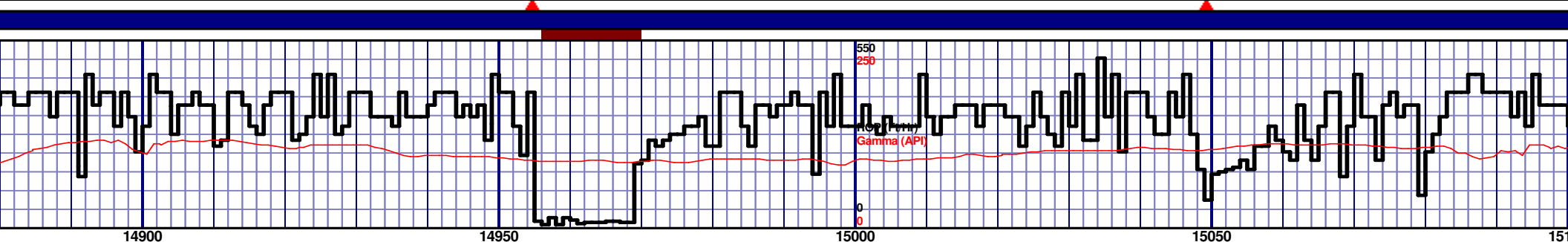
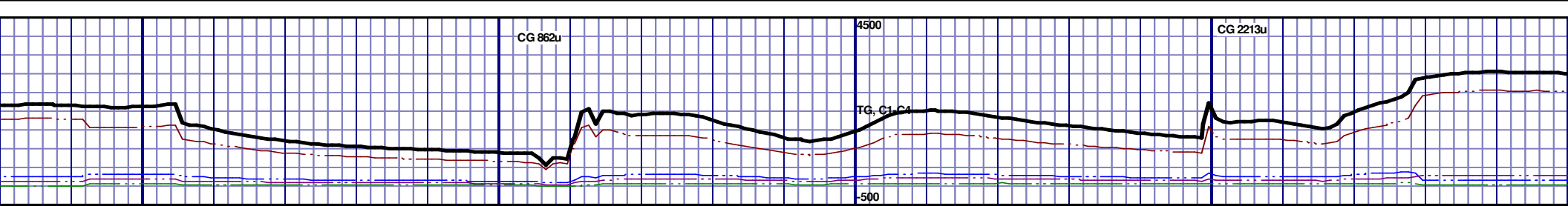
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INC 92.62 AZ 87.67
VS 8238.14



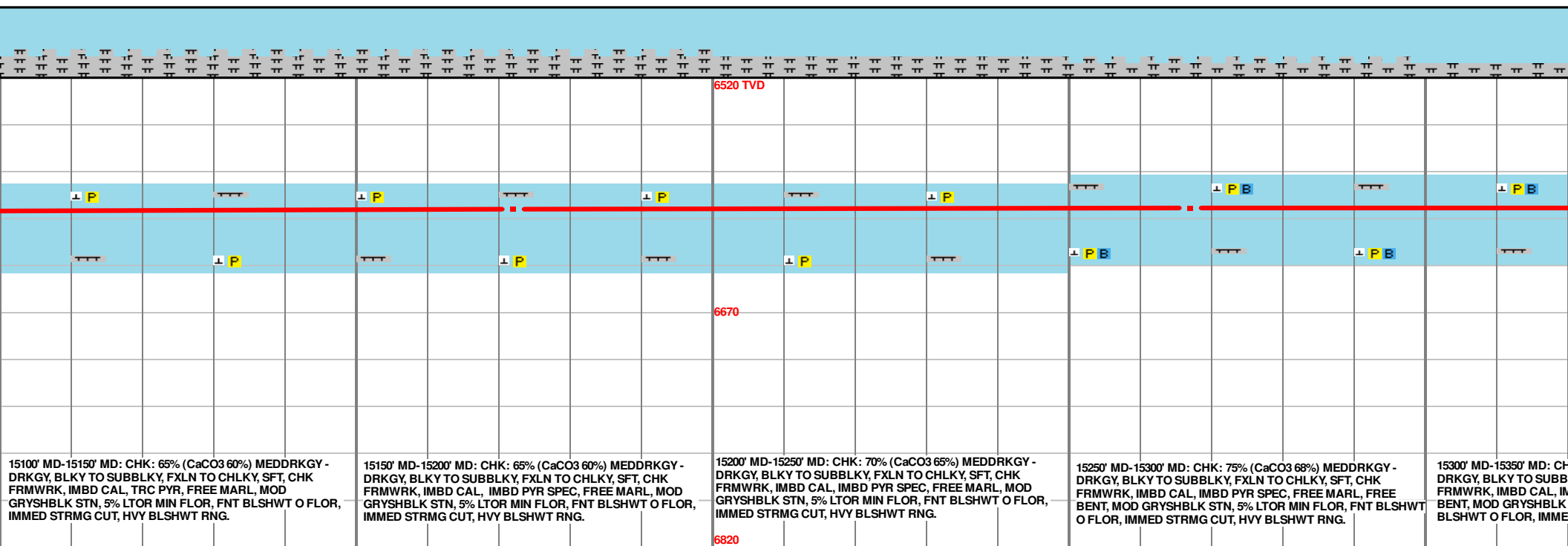
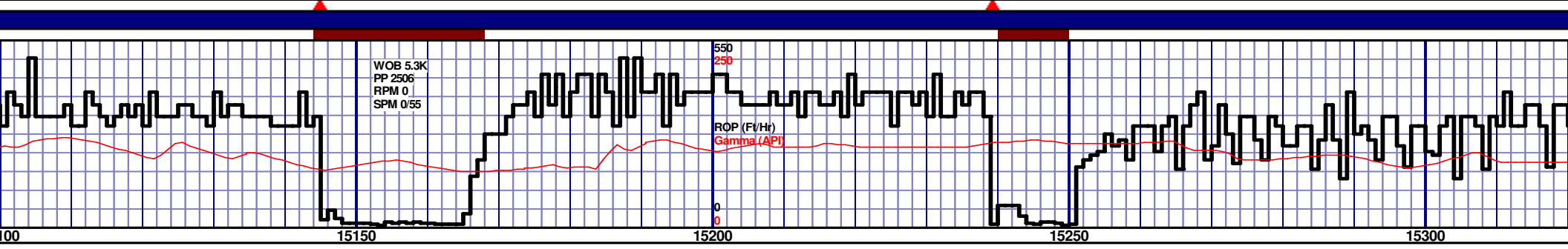
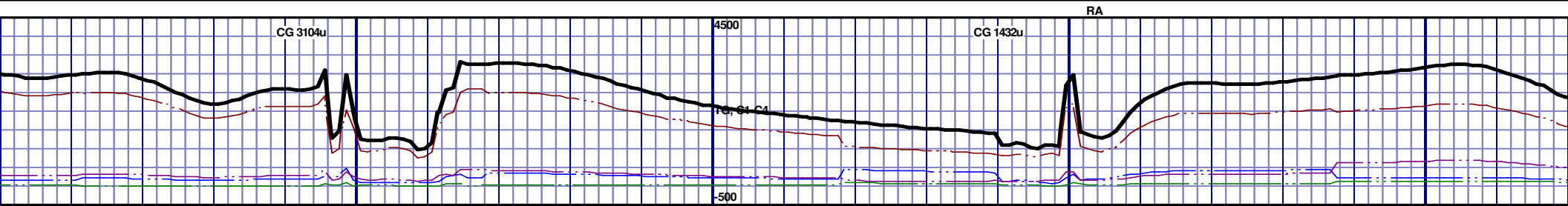
14700' MD: CHK: 70% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
14700' MD-14750' MD: CHK: 70% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
14750' MD-14800' MD: CHK: 80% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
14800' MD-14850' MD: CHK: 80% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
14850' MD-14900' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE BENT, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									

MD 14698 TVD 6608.42
INC 90.68 AZ 87.56
VS 8333.09

MD 14793 TVD 6607.73
INC 90.15 AZ 89.57
VS 8428.08



6520 TVD									
14900' MD-14950' MD: CHK: 65% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT, HVY BLSHT RNG.					14950' MD-15000' MD: CHK: 60% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT, HVY BLSHT RNG.				
15000' MD-15050' MD: CHK: 65% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT, HVY BLSHT RNG.					15050' MD-15100' MD: CHK: 65% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHT O FLOR, IMMED STRMG CUT, HVY BLSHT RNG.				
6820									



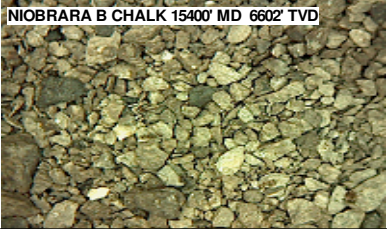
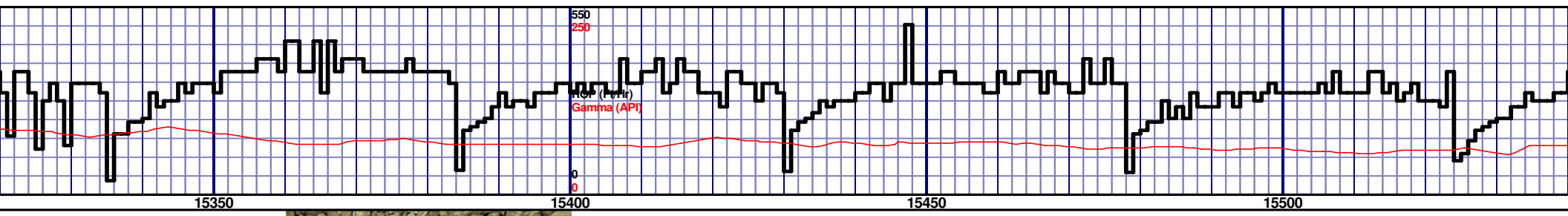
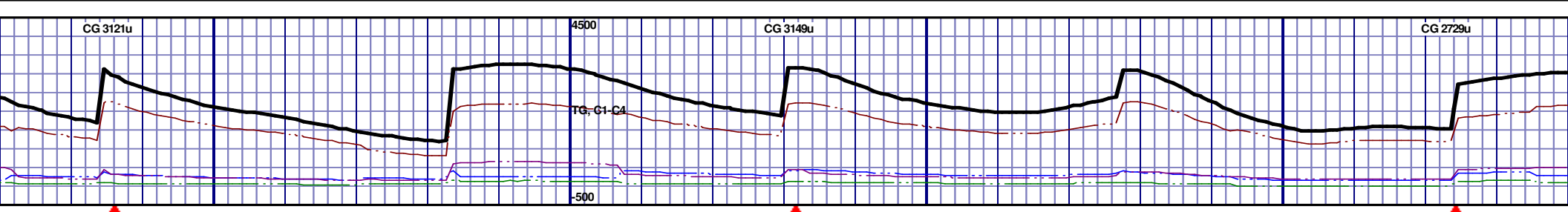
15100' MD-15150' MD: CHK: 65% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, TRC PYR, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

15150' MD-15200' MD: CHK: 65% (CaCO3 60%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

15200' MD-15250' MD: CHK: 70% (CaCO3 65%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

15250' MD-15300' MD: CHK: 75% (CaCO3 68%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.

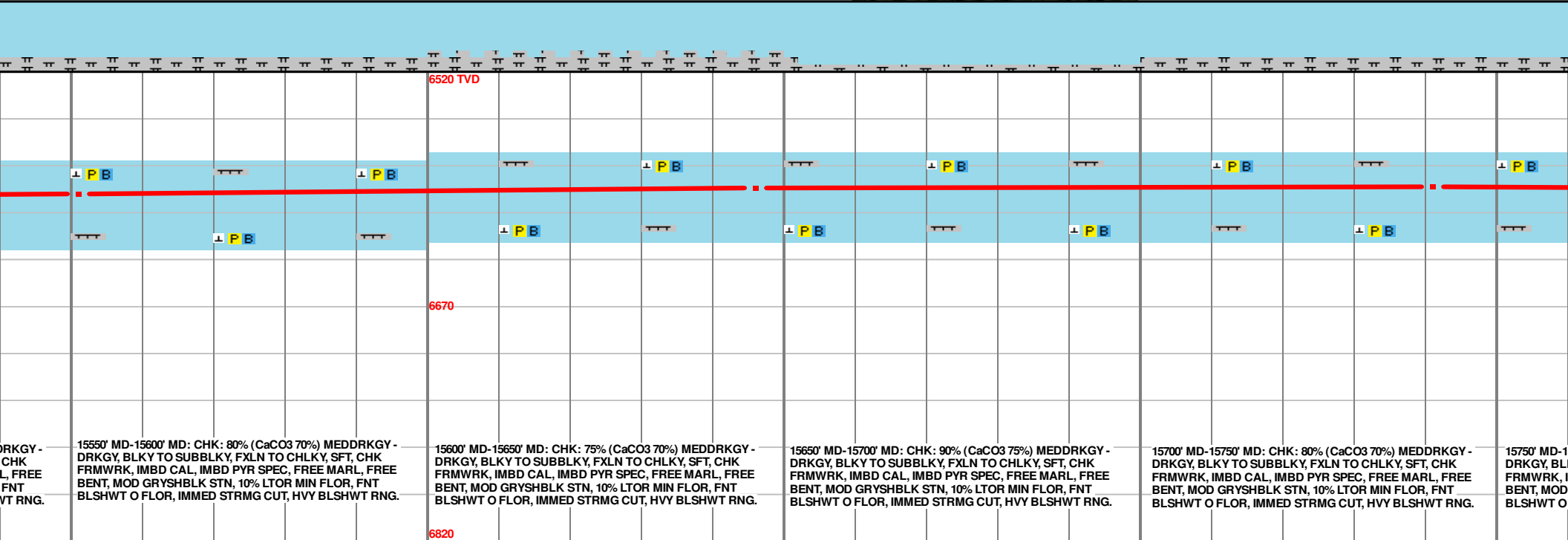
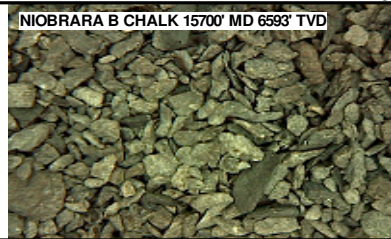
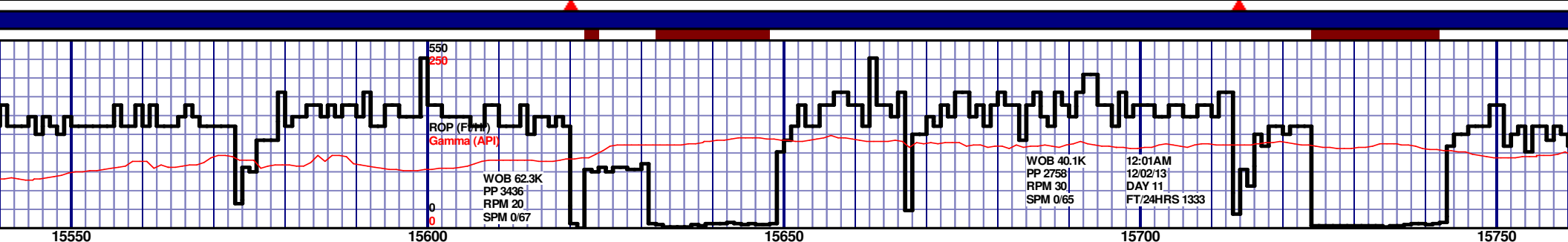
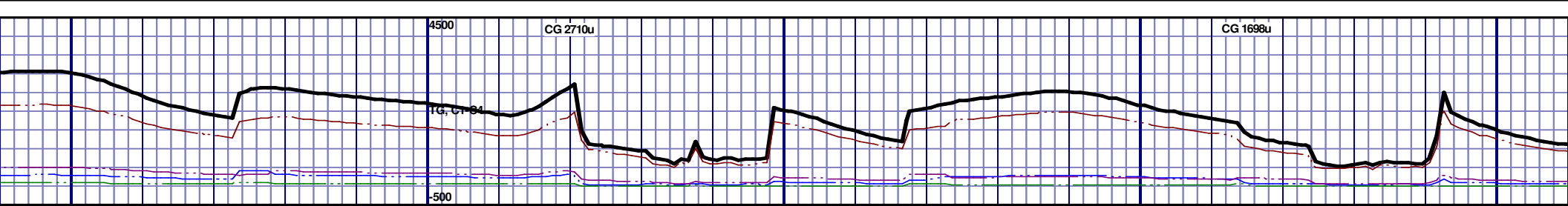
15300' MD-15350' MD: CHK: 75% (CaCO3 68%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 5% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.



6520 TVD									
6670									
6820									
15350' MD-15400' MD: CHK: 90% (CaCO3 75%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
15400' MD-15450' MD: CHK: 90% (CaCO3 75%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
15450' MD-15500' MD: CHK: 90% (CaCO3 75%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									
15500' MD-15550' MD: CHK: 80% (CaCO3 70%) MEDDRKGY - DRKGY, BLKY TO SUBBLKY, FXLN TO CHLKY, SFT, CHK FRMWRK, IMBD CAL, IMBD PYR SPEC, FREE MARL, FREE BENT, MOD GRYSBLK STN, 10% LTOR MIN FLOR, FNT BLSHWT O FLOR, IMMED STRMG CUT, HVY BLSHWT RNG.									

MD 15362 TVD 6602.88
INC 90.46 AZ 89.83
VS 8996.88

MD 15457 TVD 6601.32
INC 91.42 AZ 90
VS 9091.83



MD 15551 TVD 6597.8
INC 92.87 AZ 90.05
VS 9185.71

MD 15646 TVD 6593.91
INC 91.82 AZ 88.73
VS 9280.61

MD 15741 TVD 6593.58
INC 88.58 AZ 88.05
VS 9375.59

