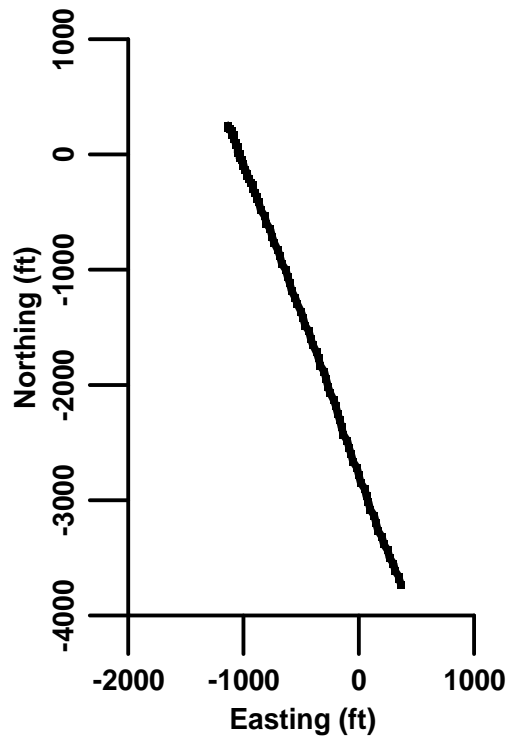


Plan



**SUNBURST
CONSULTING**



A G E O L O G Y S E R V I C E

P.O. Box 51297
513 Hilltop Rd. Suite #5
Billings, MT 59105
(406)259-4124
(406)252-4252 fax
geology@sunburstconsulting.com
www.sunburstconsulting.com

GEOSTEERING LOG

WellSight Systems

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

Well Name: James Taylor #511508
Location: Rosemont 7.5' Quad, Flemington District, Taylor County, WV
License Number: API# 47-091-01186 Region: Appalachian Basin
Spud Date: 13 February 2011 Drilling Completed: 07 March 2011
Surface Coordinates: Latitude: 39.29442
Longitude: 80.19261
Bottom Hole Coordinates: 3,732.94' South and 371.81' East of Surface Location
Ground Elevation (ft): 1470 K.B. Elevation (ft): 1485
Logged Interval (ft): 7,139' To: 11,745' Total Depth (ft): 11,745'
Formation: Sonyea through Marcellus
Type of Drilling Fluid: water based mud

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com


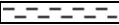

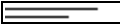








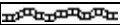



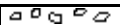





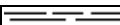
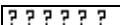



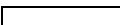
OPERATOR

Company: EQT Production Company
Address: EQT Plaza
625 Liberty Avenue
Pittsburgh, PA 15222

GEOLOGISTS




















Name: Isaah Land, Nick Masi, Dan Mackney
Company: Sunburst Consulting, Inc.
Address: P.O. Box 51297, 513 Hilltop Road, Suite #5
Billings, MT 59105; (406) 259-4124
geology@sunburstconsulting.com;

ROCK TYPES

	Anhy		Clyst		Ls		Shgy
	Arg dol		Coal		Meta		Sltst
	Arg ls		Congl		Mrlst		Ss
	Bent		Dol		Salt		Sssilty
	Brec		Dol ls		Shale		Tuff
	Calc dol		Gyp		Shblk		Unknown
	Cht		Igne		Shcol		Blank

















ACCESSORIES














FOSSIL

-  Algae
-  Amph
-  Belm
-  Bioclst
-  Brach
-  Bryozoa
-  Cephal
-  Coral
-  Crin
-  Echin
-  Fish
-  Foram
-  Fossil
-  Gastro
-  Oolite
-  Ostra
-  Pelec
-  Pellet
-  Pisolite

-  Plant
-  Strom












MINERAL

-  Anhy
-  Arggrn
-  Arg
-  Bent
-  Bit
-  Brecfrag
-  Calc
-  Carb
-  Chtdk
-  Chtlt
-  Dol
-  Feldspar
-  Ferrpel
-  Ferr
-  Glau
-  Gyp

-  Hvymn
-  Kaol
-  Marl
-  Minxl
-  Nodule
-  Phos
-  Pyr
-  Salt
-  Sandy
-  Silt
-  Sil
-  Sulphur
-  Tuff

-  Gyp
-  Ls
-  Mrst
-  Slststrg
-  Ssstrg

TEXTURE




-  Boundst
-  Chalky
-  Cryxln
-  Earthy
-  Finexln
-  Grainst
-  Lithogr
-  Microxln
-  Mudst
-  Packst
-  Wackest

STRINGER




-  Anhy
-  Arg
-  Bent
-  Coal
-  Dol

OTHER SYMBOLS





INTERVALS

-  None
-  Core
-  Dst



EVENTS







-  Rft
-  Sidewall
-  Bit change

OIL SHOWS

-  Even
-  Spotted
-  Ques
-  Dead




POROSITY TYPE

-  Earthy
-  Fenest



-  Fracture
-  Inter
-  Moldic
-  Organic
-  Pinpoint
-  Vuggy

ROUNDING

-  Rounded

-  Subrnd
-  Subang
-  Angular

SORTING

-  Well
-  Moderate
-  Poor

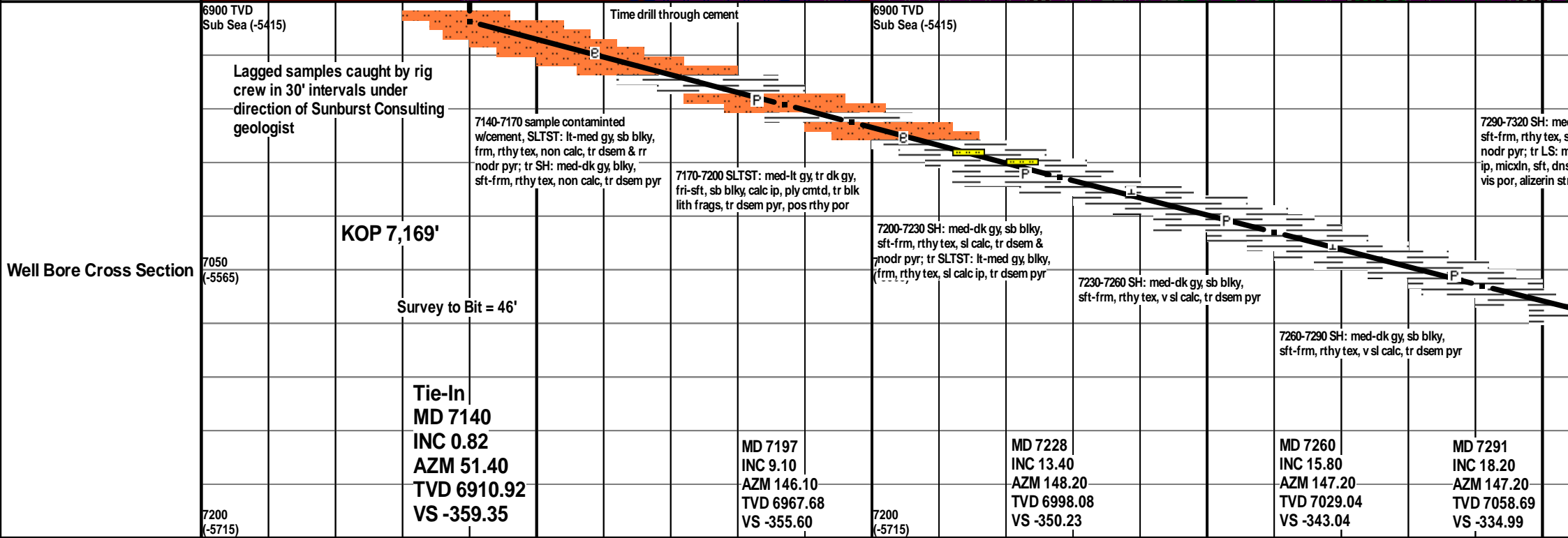
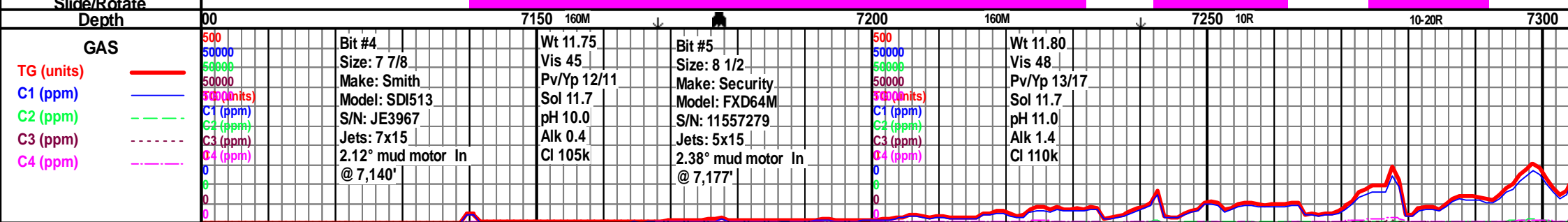
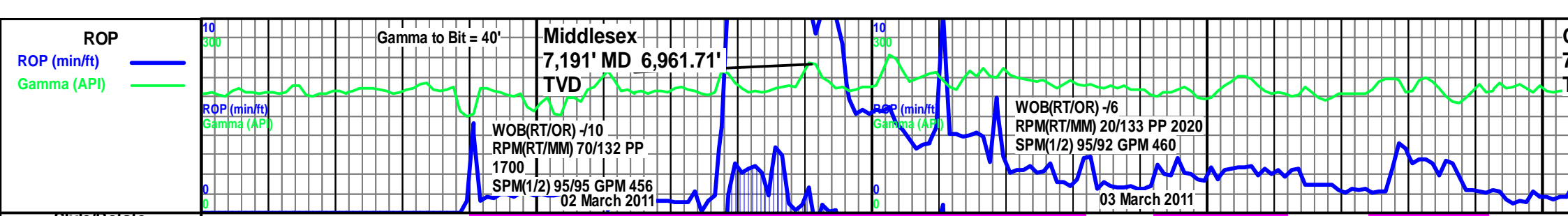
COMMENTS

COMPANY MAN: Bill Teel, Bill Smith
TOOLPUSHER: Bruce Lambert, Ernie Langridge
RIG: Savanna 640E

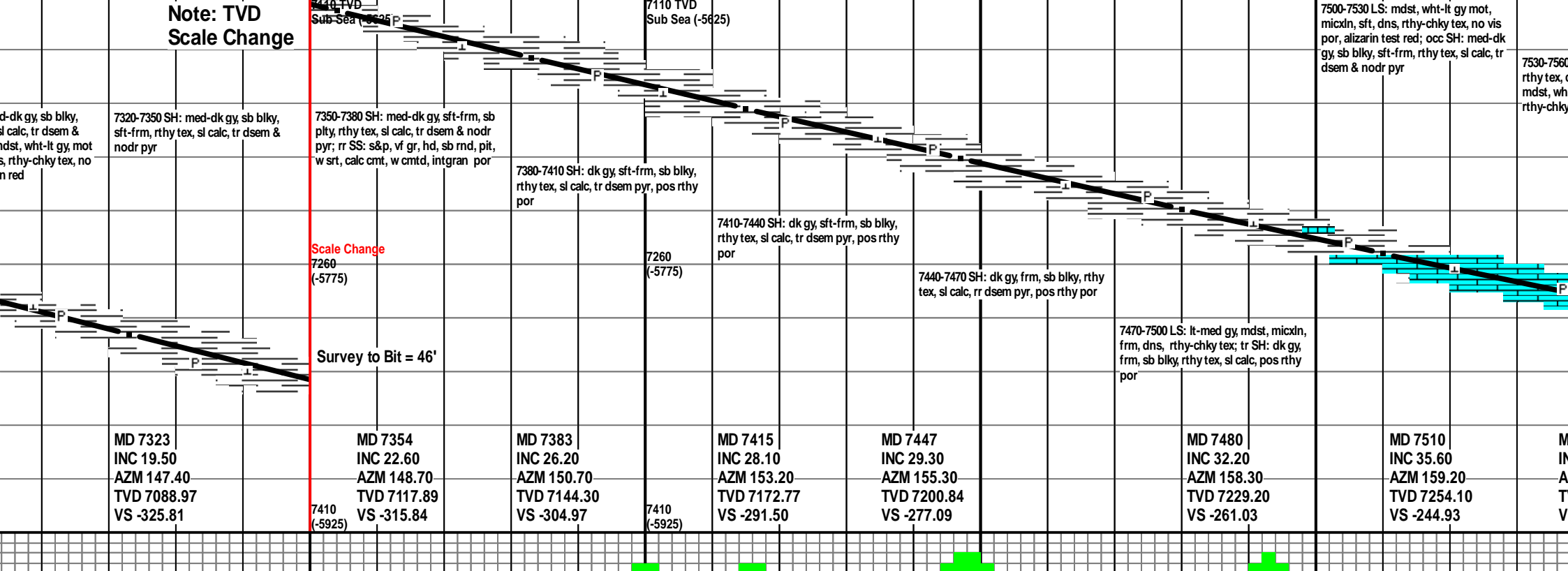
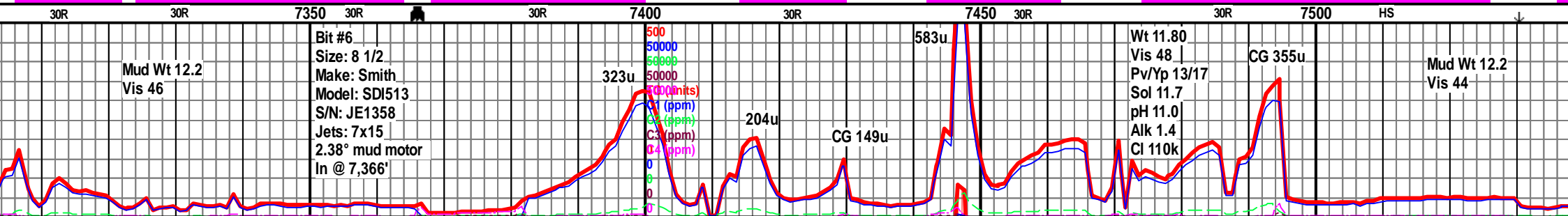
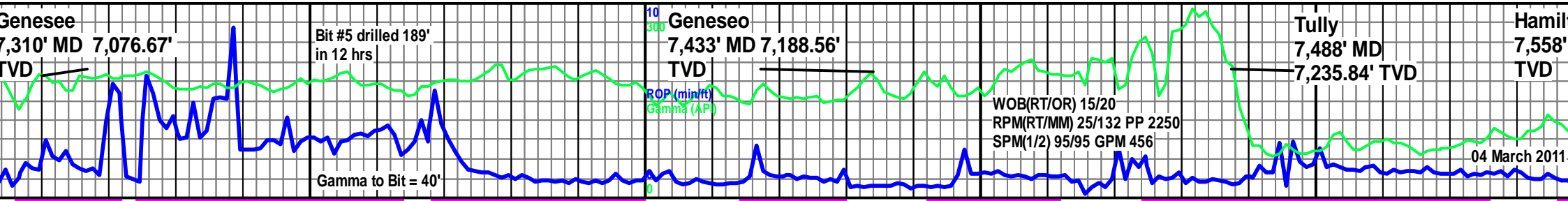
WV FILE #: 7265P511508R2 (285-21)

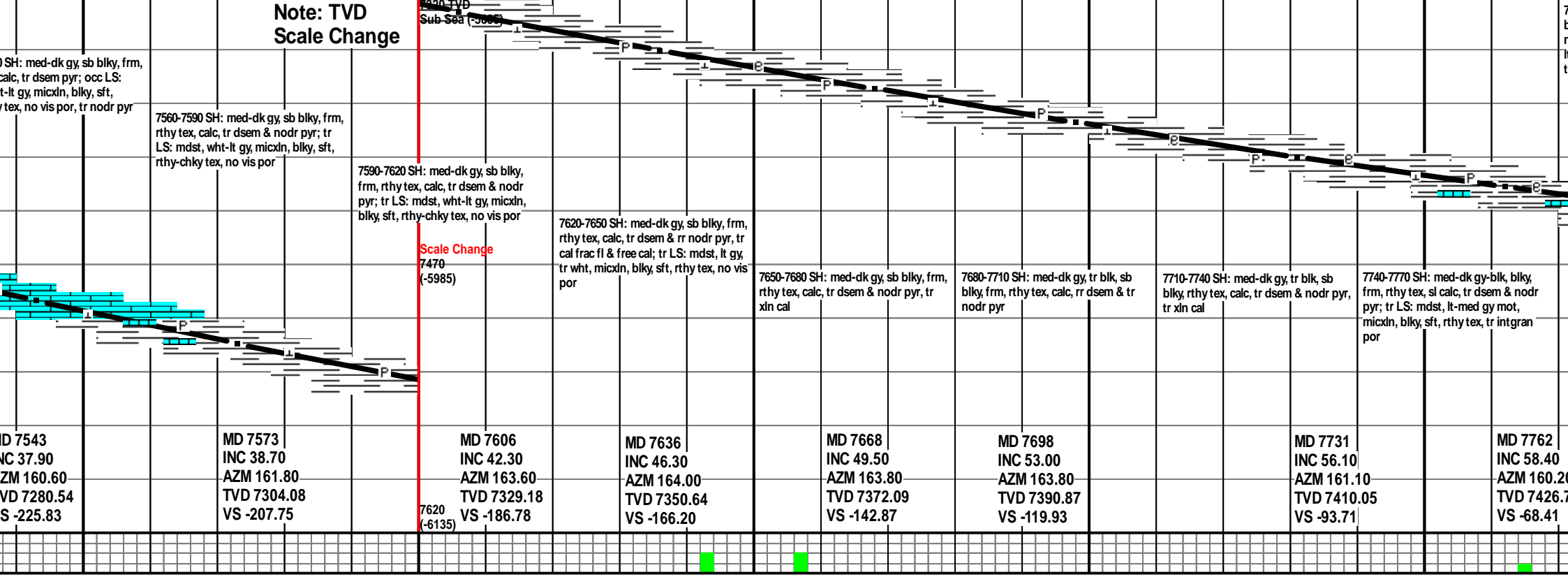
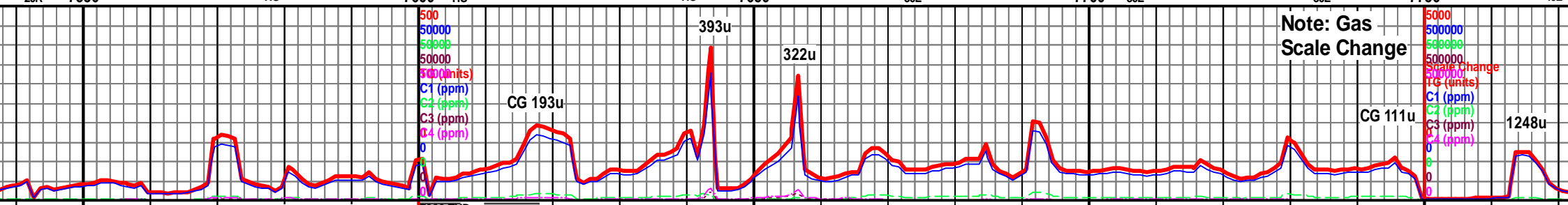
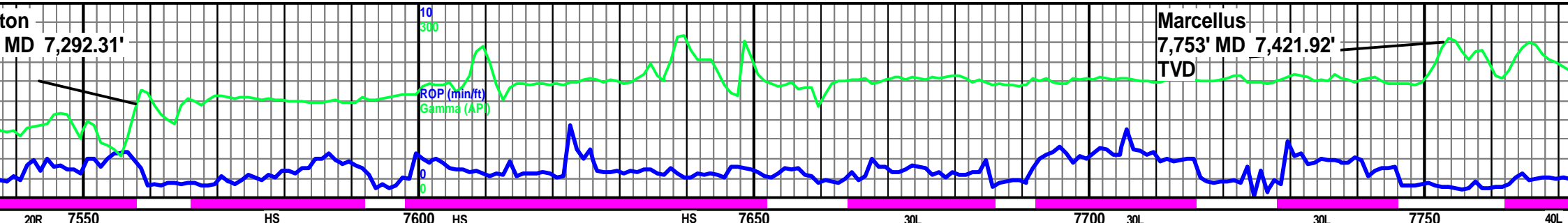
SURFACE CASING: 13 3/8" set at 879'
INTERMEDIATE CASING: 9 5/8" 40# set at 2,697'

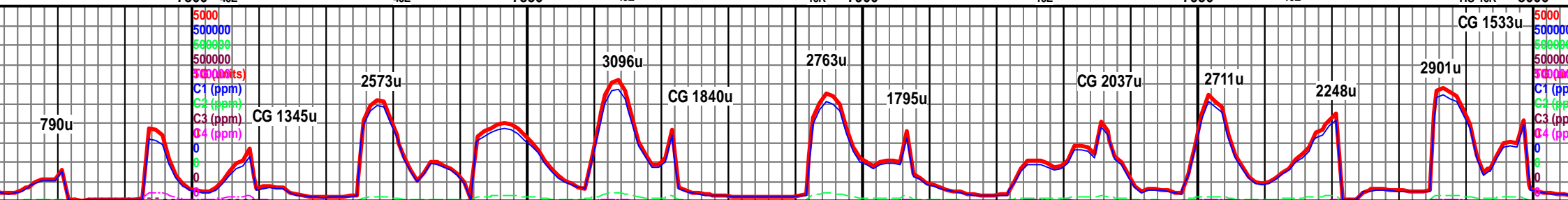
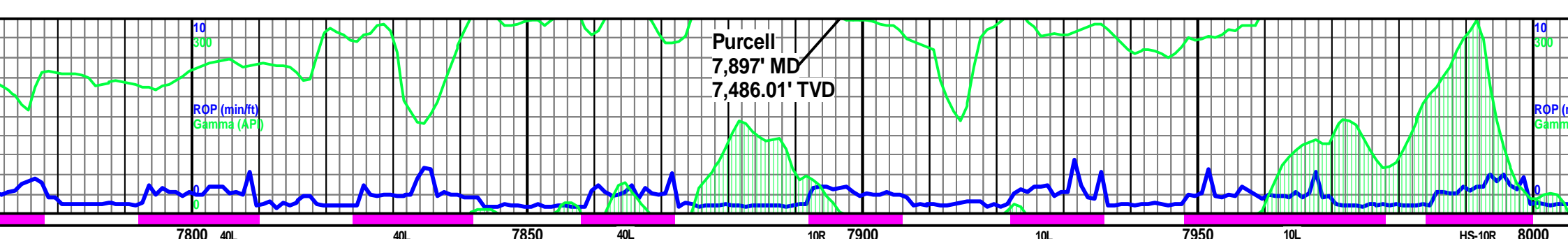
KOP: 7,169' MD
CLOSURE DIRECTION: 174.31°
CLOSURE DISTANCE: 3,751.41'



Porosity	Porosity Type	Oil Show	Oil Show Type
24% 18% 12% 6%		gd fr pc tr	

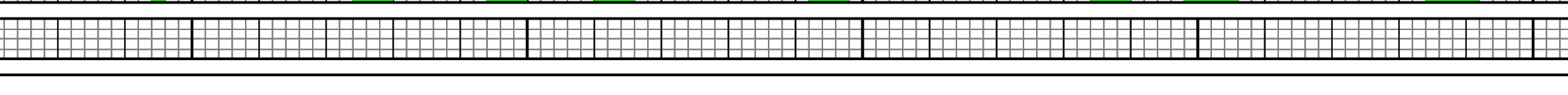


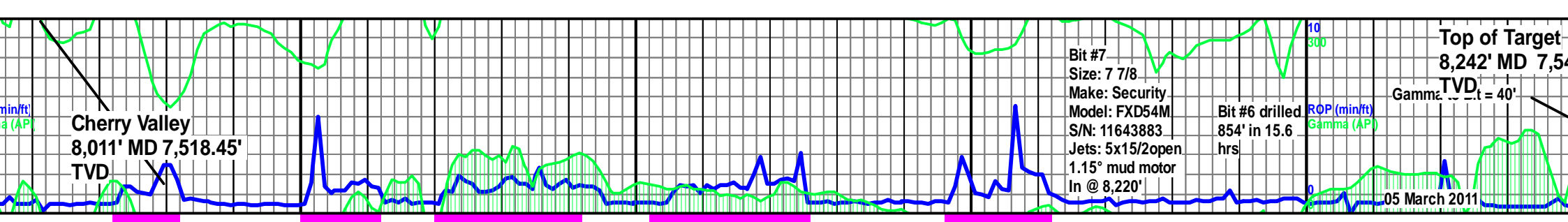




7770-7800 SH: dk gy-blk, tr med gy, sb blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr free cal; tr LS: mdst, lt-med gy, micxn, blk, sft-frm, rthy tex, no vis por	7800-7830 SH: dk gy-blk, tr med gy, sb blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr xln cal; tr LS: mdst, lt-med gy, micxn, blk, sft-frm, rthy tex, no vis por	7830-7860 SH: dk gy-blk, tr med gy, sb blk, frm, rthy tex, calc, tr dsem & nodr pyr, rr cal frac fl	7860-7890 SH: dk gy-blk, frm, sb blk, rthy tex, calc, tr dsem pyr, pos rthy por	7890-7920 SH: dk-med gy, tr blk, frm-sft, sb blk, rthy tex, calc, tr dsem pyr, tr calc fld fracs, tr xln calc, pos rthy por	7920-7950 SH: dk-med gy, tr blk, frm-sft, sb blk, rthy tex, calc, tr dsem pyr, pos rthy por	7950-7980 SH: dk gy, tr blk, frm, sb blk, rthy tex, sl calc, tr dsem pyr, tr calc fld fracs, pos rthy por	7980-8010 SH: med gy-blk, sft-frm blk, rthy tex, sl calc, tr dsem pyr, nodr pyr, tr calc fld fracs, pos rthy por
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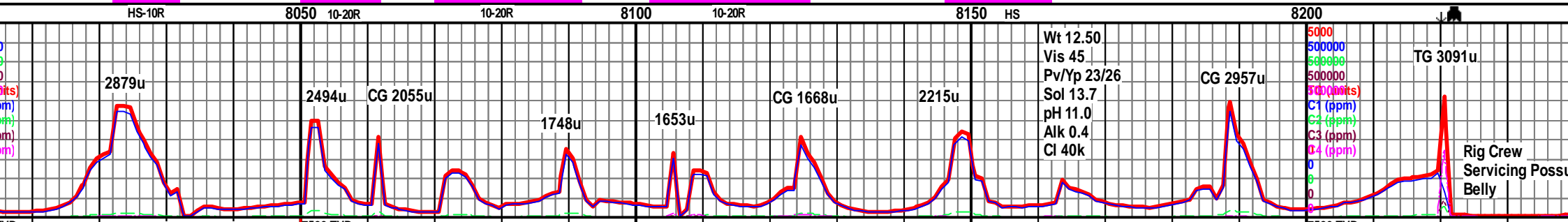
MD 7794 INC 61.30 AZM 157.80 TVD 7442.85 VS -41.77	MD 7825 INC 63.60 AZM 157.70 TVD 7457.17 VS -15.46	MD 7858 INC 66.20 AZM 156.50 TVD 7471.17 VS 13.03	MD 7888 INC 68.00 AZM 156.60 TVD 7482.86 VS 39.31	MD 7921 INC 70.80 AZM 156.90 TVD 7494.45 VS 68.71	MD 7952 INC 73.60 AZM 156.50 TVD 7503.94 VS 96.79	MD 7984 INC 76.10 AZM 156.10 TVD 7512.30 VS 126.11
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Cherry Valley
8,011' MD 7,518.45'
TVD

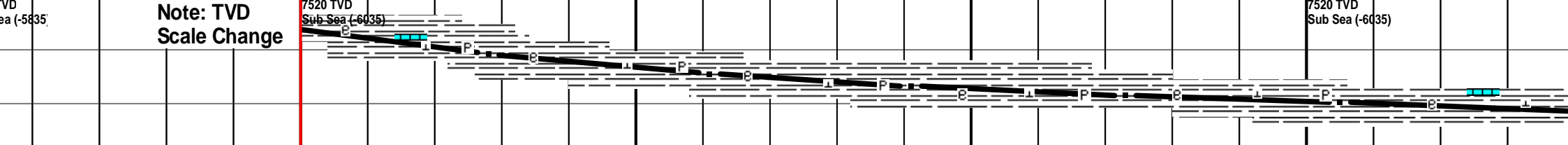
Top of Target
8,242' MD 7,518.45'
TVD



Wt 12.50
Vis 45
Pv/Yp 23/26
Sol 13.7
pH 11.0
Alk 0.4
Cl 40k

5000
50000
500000
300 (units)
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)

Rig Crew
Servicing Poss
Belly



8010-8040 SH: dk gy-blk, frm-sft, sb blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por; tr LS: mdst, lt gy-miky, micxn, fri-frm, dns, rthy, no vis por

8040-8070 SH: blk, frm-sft, sb blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por; rr LS: mdst, lt gy-miky, micxn, hd, dns, rthy, no vis por

8070-8100 SH: dk gy-blk, frm, sb blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por

8100-8130 SH: dk gy-blk, sft-frm, sb blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por

8130-8160 SH: blk, sft-frm, sb blk, rthy tex, calc, tr dsem, pyr, pos rthy por

8160-8190 SH: dk gy-blk, sft-frm, sb blk, rthy tex, tr dsem, pos rthy por

8190-8220 SH: blk, sft-frm, sb blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por

8220-8250 SH: dk gy-blk, rthy tex, calc, tr dsem & nodr pyr, pos rthy por; rr LS: wkst, lt-micxn, blk, sft, rthy tex, por

Scale Change
7570
(-6085)

Survey to bit = 46'

MD 8015
INC 77.60
AZM 155.90
TVD 7519.36
VS 154.72

MD 8047
INC 79.30
AZM 156.10
TVD 7525.76
VS 184.43

MD 8078
INC 81.90
AZM 157.00
TVD 7530.82
VS 213.51

MD 8111
INC 85.00
AZM 159.10
TVD 7534.50
VS 244.97

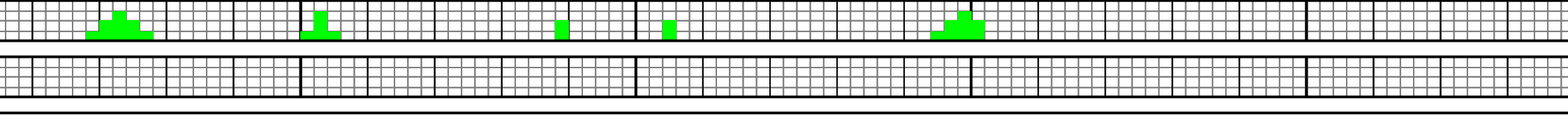
MD 8141
INC 87.80
AZM 159.60
TVD 7536.83
VS 273.83

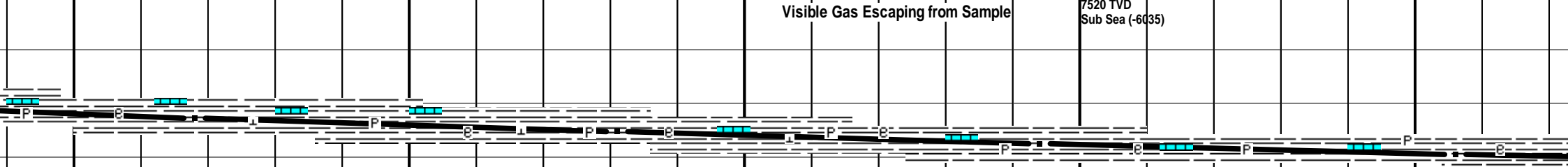
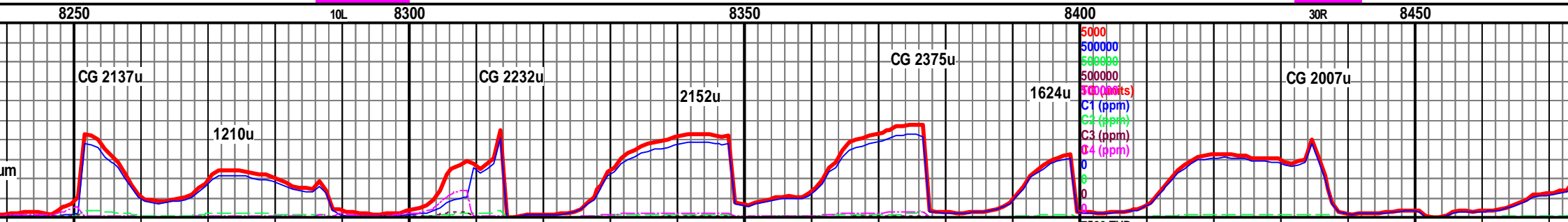
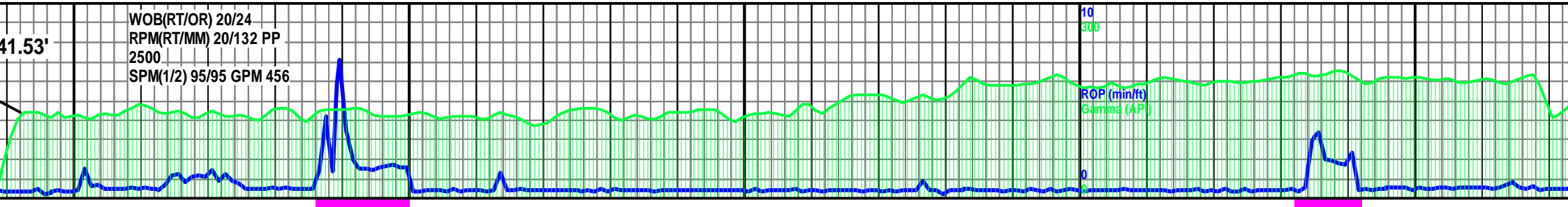
MD 8173
INC 87.80
AZM 160.10
TVD 7538.53
VS 304.73

MD 8205
INC 87.60
AZM 159.30
TVD 7539.82
VS 335.63

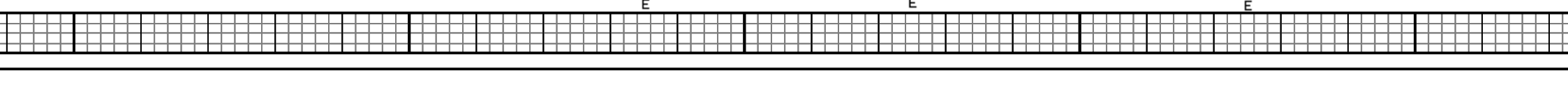
7620
(-6135)

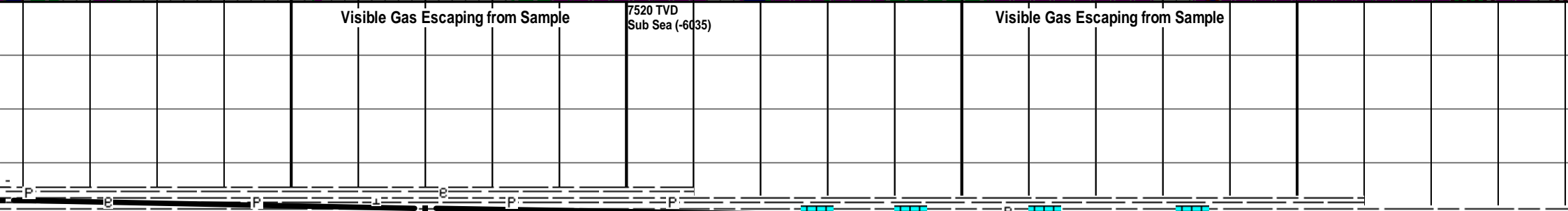
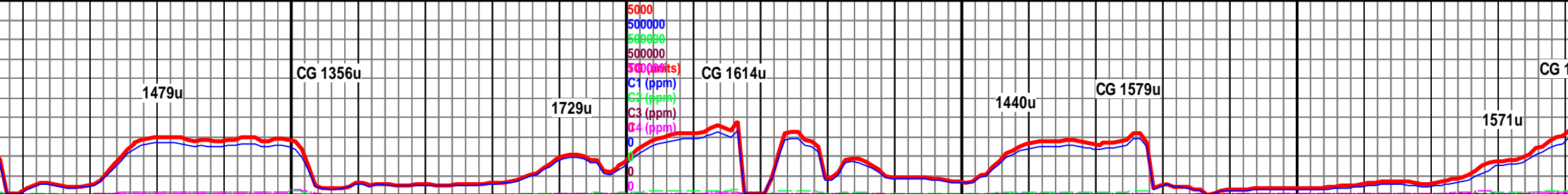
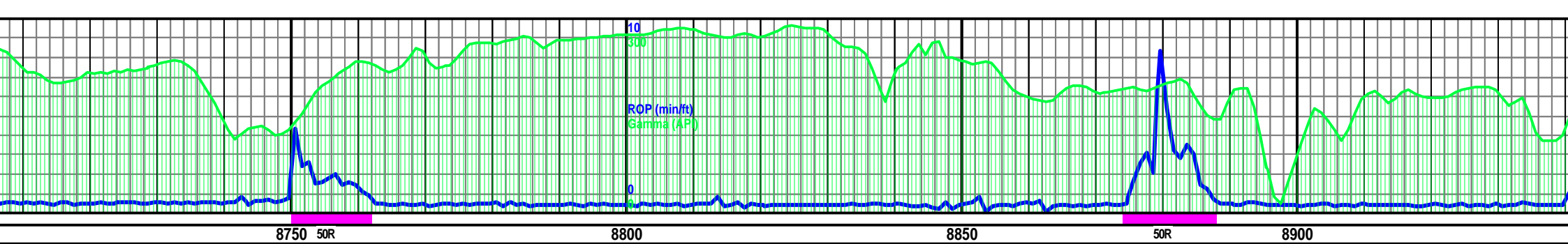
7620
(-6135)



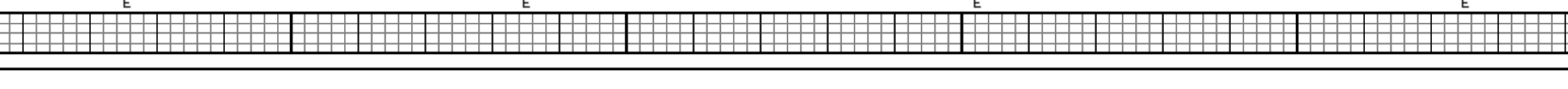


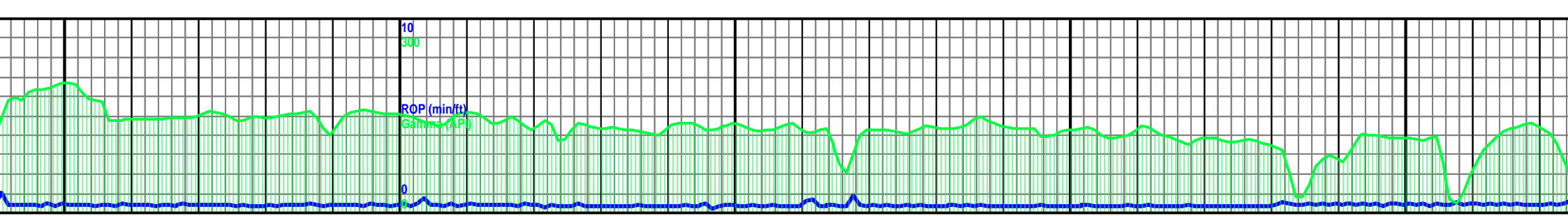
blky, frm, nodr pyr, tr med gy mot, tr intgran	8250-8280 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8280-8310 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8310-8340 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem pyr, tr cal frac fl	8340-8370 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8370-8400 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	7570 (-6085) 8400-8430 SH: dk gy-blk, blk, frm, rthy tex, calc, tr dsem & nod pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, frm, rthy tex, tr intgran por	8430-8460 SH: blk, blk, frm, rthy tex, calc, tr dsem & nod pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8460-8490 SH: blk, blk, frm, rthy tex, calc, tr dsem & nod pyr, tr cal frac fl; rr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por
	MD 8268 INC 87.10 AZM 159.20 TVD 7542.73 VS 396.31		MD 8331 INC 88.20 AZM 158.80 TVD 7545.31 VS 456.94		MD 8394 INC 87.80 AZM 158.40 TVD 7547.51 VS 517.46	7620 (-6135)		MD 8456 INC 88.60 AZM 159.00 TVD 7549.46 VS 577.06



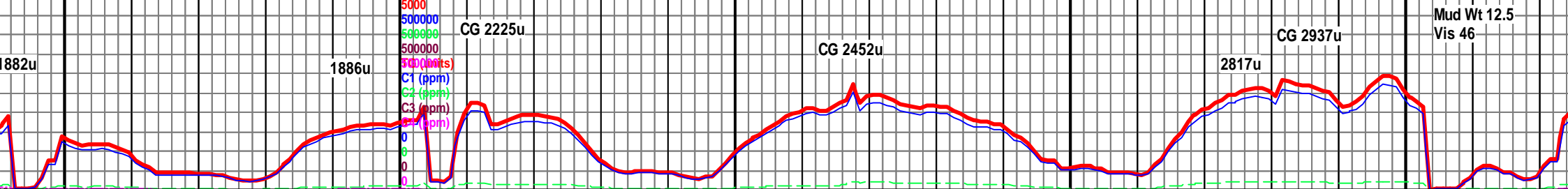


0 SH dk gy-blk, blk, sft-frm, calc, tr dsem pyr, tr cal frac fl	8730-8760 SH dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem pyr	7570 (-6085)	8760-8790 SH dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, tr cal frac fl	8790-8820 SH dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, tr cal frac fl	8820-8850 SH: blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl; tr LS: wkst, med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8850-8880 SH: dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl; tr LS: wkst, med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8880-8910 SH: blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	8910-8940 SH: dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por
07 3.30 58.90 556.96 8.66	MD 8770 INC 89.10 AZM 159.90 TVD 7558.39 VS 879.44	7620 (-6135)			MD 8833 INC 88.60 AZM 159.00 TVD 7559.65 VS 940.24		MD 8897 INC 89.00 AZM 159.80 TVD 7560.99 VS 1001.98	

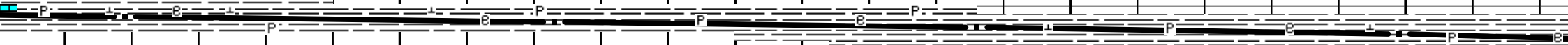
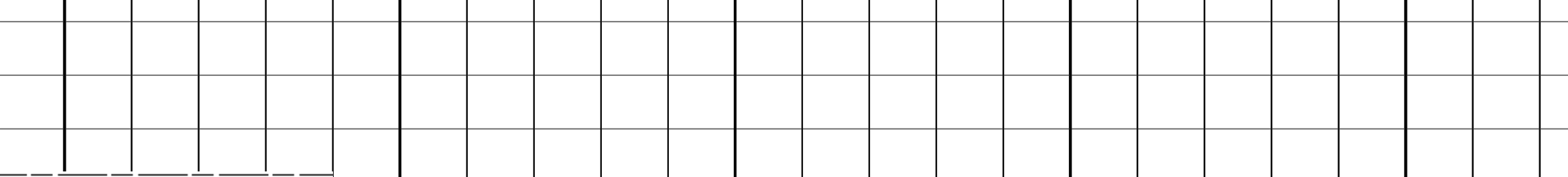




8950 9000 9050 9100 9150



Visible Gas Escaping from Sample



7570 (-6085)

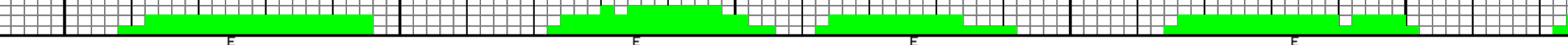
8940-8970 SH: blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl
 8970-9000 SH: dk gy-blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl
 9000-9030 SH: blk, blk, sft-frm, rthy tex, calc, tr dsem & nod pyr, rr cal frac fl
 9030-9060 SH: blk, sft-frm, blk, rthy tex, sl calc, tr dsem pyr, pos rthy por fl
 9060-9090 SH: blk, sft-frm, blk, rthy tex, sl calc, tr dsem pyr, pos rthy por
 9090-9120 SH: blk, sft-frm, blk, rthy tex, sl calc, tr dsem pyr, pos rthy por
 9120-9150 SH: blk, sft-frm, blk, rthy tex, sl calc, tr dsem pyr, pos rthy por
 9150-9180 SH: dk gy-blk, blk, rthy tex, sl calc, tr dsem & rr nodr pyr frac fl

MD 8959
 INC 89.30
 AZM 160.40
 TVD 7561.91
 VS 1062.00

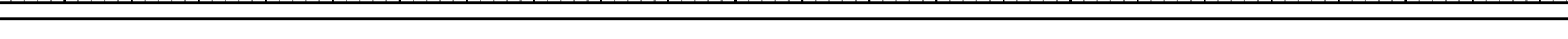
MD 9023
 INC 88.90
 AZM 159.60
 TVD 7562.92
 VS 1123.93

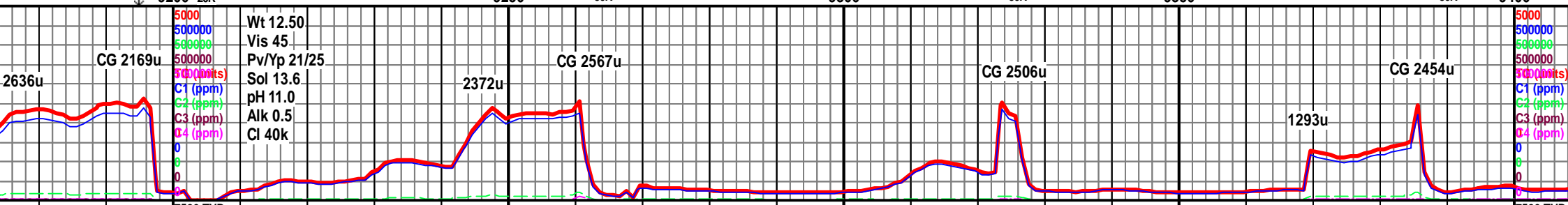
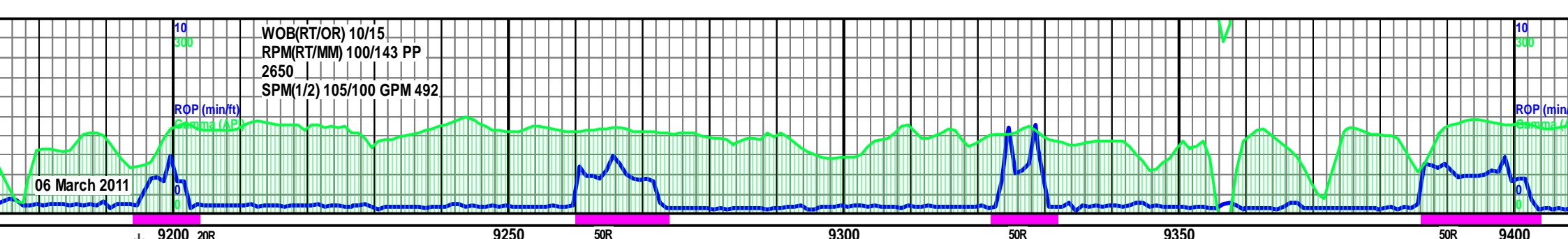
MD 9086
 INC 89.20
 AZM 159.80
 TVD 7563.96
 VS 1184.60

MD 9149
 INC 88.30
 AZM 158.40
 TVD 7565.34
 VS 1245.30



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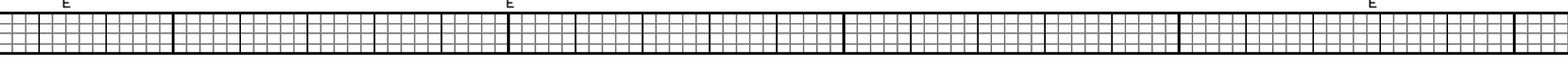
7520 TVD Sub Sea (-6035) Visible Gas Escaping from Sample Visible Gas Escaping from Sample 7520 TVD Sub Sea (-6035)

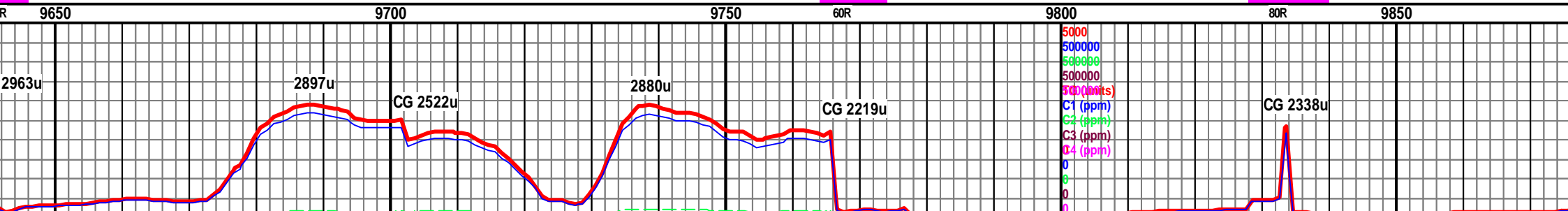
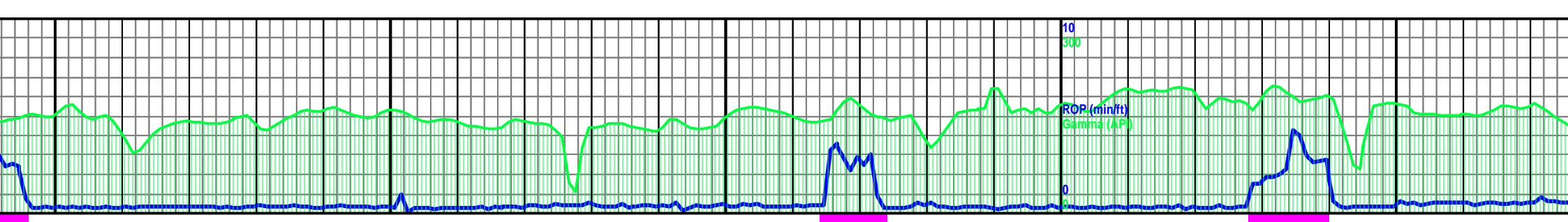
9210-9240 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & occ free cal	9240-9270 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & rr free cal	9270-9300 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & occ free cal	9300-9330 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & occ free cal	9330-9360 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9360-9390 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9390-9420 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal
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9180-9210 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, rr cal frac fl & free cal; tr LS: wkst, lt brn-med gy mot, micxn, blk, sft, rthy tex, tr intgran por						
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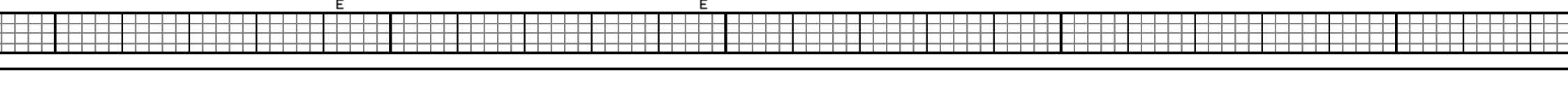
MD 9213 INC 87.80 AZM 157.90 TVD 7567.52 VS 1306.64	MD 9276 INC 88.40 AZM 159.00 TVD 7569.61 VS 1376.12	MD 9339 INC 88.00 AZM 157.50 TVD 7571.59 VS 1427.54	MD 9402 INC 88.00 AZM 157.50 TVD 7571.59 VS 1427.54
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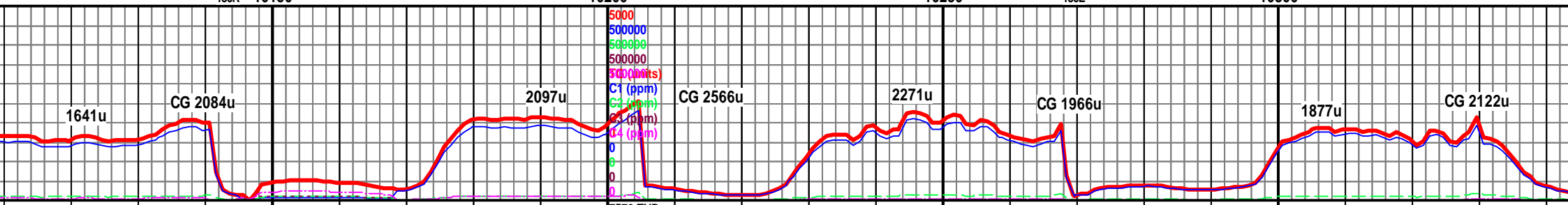
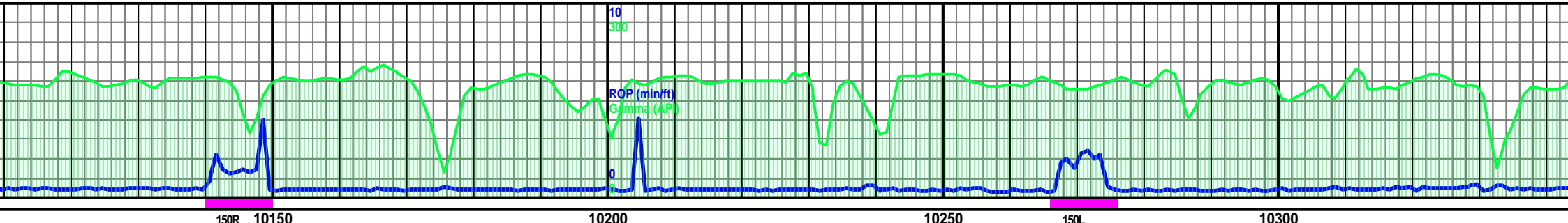




Visible Gas Escaping from Sample			Visible Gas Escaping from Sample			7520 TVD Sub Sea (-6035)				
dk gy-blk, blk, frm, rthy sem & nodr pyr, tr cal	9660-9690 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9690-9720 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9720-9750 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9750-9780 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal	9780-9810 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl & free cal		9810-9840 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, rr cal frac fl & free cal	9840-9870 SH: dk gy-blk, blk, frm, rthy tex, sl calc, rr dsem & nodr pyr, rr cal frac fl & free cal	9870-9 calc, tr free ca	

MD 9652 INC 88.30 AZM 160.40 TVD 7581.47 VS 1729.44	MD 9716 INC 87.90 AZM 159.80 TVD 7583.59 VS 1791.37	MD 9779 INC 88.00 AZM 160.30 TVD 7585.85 VS 1852.31	MD 9837 INC 88.00 AZM 160.40 TVD 7587.87 VS 1908.49
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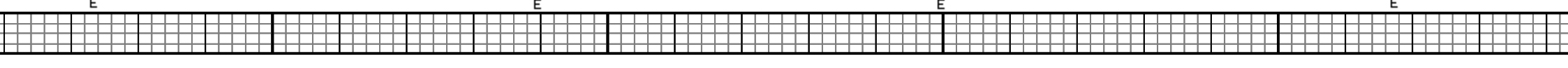
Visible Gas Escaping from Sample

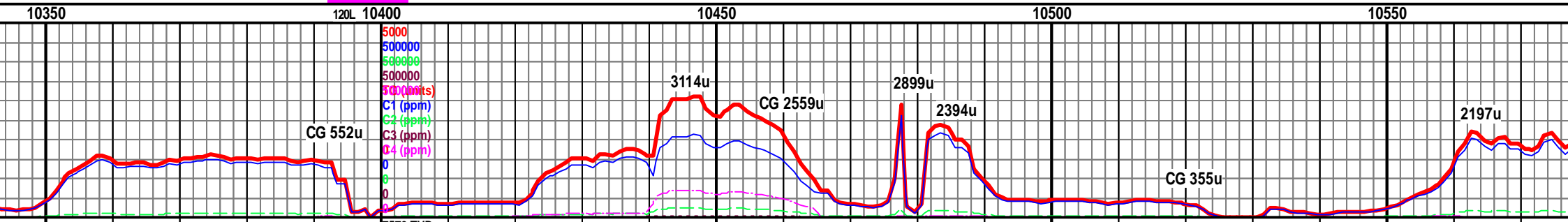
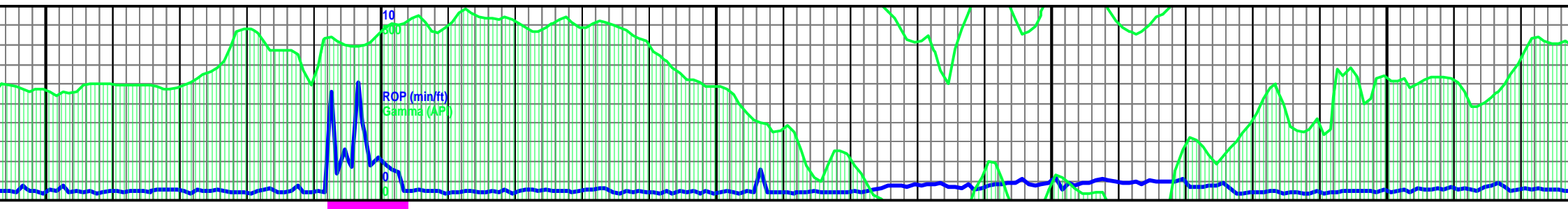
7570 TVD
Sub Sea (-6085)

Visible Gas Escaping from Sample



10110-10140 SH: dk gy-blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal	10140-10170 SH: dk gy-blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, tr cal frac fl & free cal	10170-10200 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, tr cal frac fl & free cal	7620 (-6135) 10200-10230 SH: blk, blk, sft-frm, rthy tex, sl calc, rr dsem pyr, tr fl & free cal	10230-10260 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, tr cal frac fl & free cal	10260-10290 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal	10290-10320 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal	10320-10350 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal	MD 10157 INC 87.80 AZM 161.10 TVD 7598.03 VS 2219.59	7670 (-6185) MD 10220 INC 88.30 AZM 162.30 TVD 7600.17 VS 2280.96	MD 10282 INC 87.40 AZM 161.60 TVD 7602.50 VS 2341.41	MD 10350 INC 87.40 AZM 161.60 TVD 7602.50 VS 2341.41
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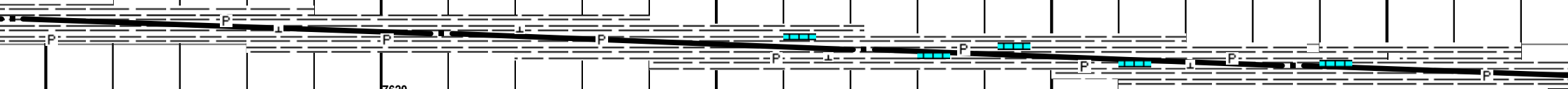
7570 TVD
Sub Sea (-6085)

Visible Gas Escaping from Sample

Visible Gas Escaping

10530-10560 SH blk, blk, frm, rthy tex, sl calc, tr dsem & nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por

10560-10590 SH blk, blk, frm, rthy tex, sl calc, tr dsem & nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por



10350-10380 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem pyr, rr cal frac fl & free cal

10380-10410 SH: blk, blk, sft-frm, rthy tex, sl calc, tr dsem pyr, tr free cal

10410-10440 SH dk gy-blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por

10440-10470 SH dk gy-blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por

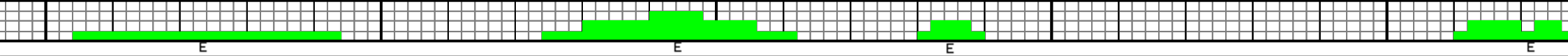
10470-10500 SH dk gy-blk, blk, sft-frm, rthy tex, sl calc, tr dsem & occ nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por

10500-10530 SH blk, blk, sft-frm, rthy tex, sl calc, tr dsem & rr nod pyr, rr cal frac fl & free cal; tr LS: wkst, lt-med gy mot, micxn, blk, sft, rthy tex, tr intgran por

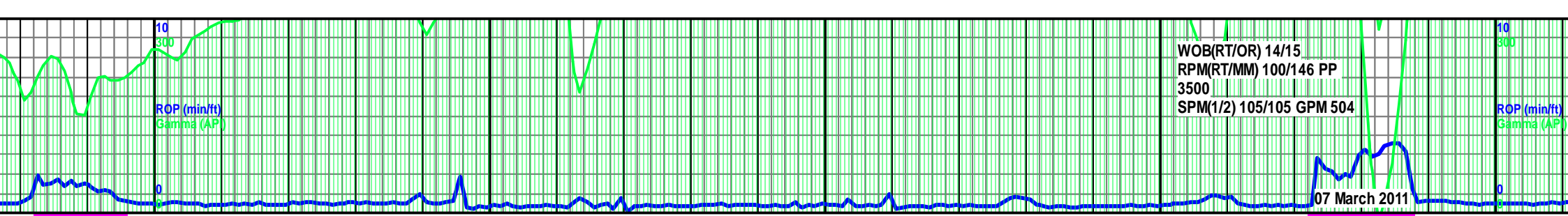
MD 10409
INC 87.10
AZM 161.20
TVD 7607.99
VS 2465.04
7670 (-6185)

MD 10472
INC 87.50
AZM 161.10
TVD 7610.95
VS 2526.24

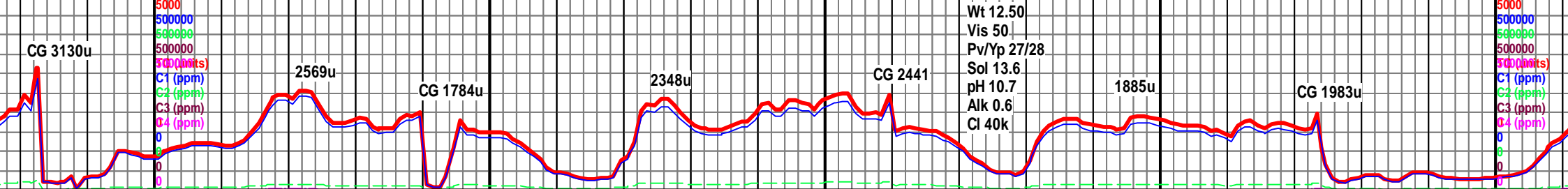
MD 10536
INC 87.10
AZM 160.60
TVD 7613.97
VS 2588.34



E



10L 10600 10650 10700 10750 20R 10800

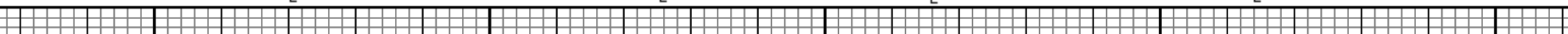


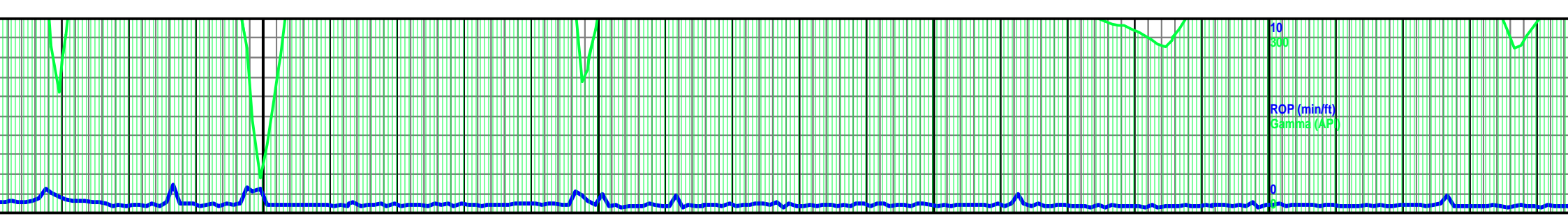
from Sample 7570 TVD Sub Sea (-6085) Visible Gas Escaping from Sample Visible Gas Escaping from Sample 7570 TVD Sub Sea (-6085)

ky, frm, rthy tex, pyr, rr cal frac fl, lt-med gy mot, ex, tr intgran por	10590-10620 SH blk, blk, frm, rthy tex, sl calc, tr dsem & nod pyr, rr cal frac fl & free cal; tr LS: wkst, med gy mot, micxn, blk, frm, rthy tex, tr intgran por	10620-10650 SH: blk, frm-sft, rthy tex, sl calc, tr dsem pyr, tr free cal, pos rthy por; tr LS: wkst, med gy mot, micxn, frm, blk, rthy tex, no vis por	10650-10680 SH: blk, frm-sft, rthy tex, sl calc, tr dsem pyr, tr free cal, pos rthy por; tr LS: wkst, med gy mot, micxn, frm, blk, rthy tex, no vis por	10680-10710 SH: blk, frm-sft, rthy tex, sl calc, tr dsem pyr, tr free cal, pos rthy por	10710-10740 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal	10740-10770 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal	10770-10800 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl; tr LS: wkst, lt brn-med gy mot, micxn, blk, sft, rthy tex, tr intgran por	10800-10830 S rthy tex, sl cal cal frac fl; tr L mot, micxn, intgran por
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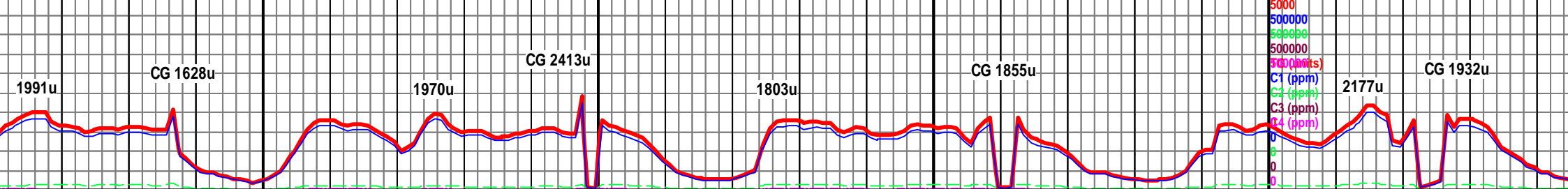


MD 10599 INC 87.80 AZM 160.10 TVD 7616.77 VS 2649.34	7670 (-6185)	MD 10662 INC 88.00 AZM 159.90 TVD 7619.08 VS 2710.27	MD 10725 INC 88.10 AZM 159.60 TVD 7621.23 VS 2771.13	MD 10788 INC 89.10 AZM 160.60 TVD 7622.76 VS 2832.10	7670 (-6185)
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10850 10900 10950 11000

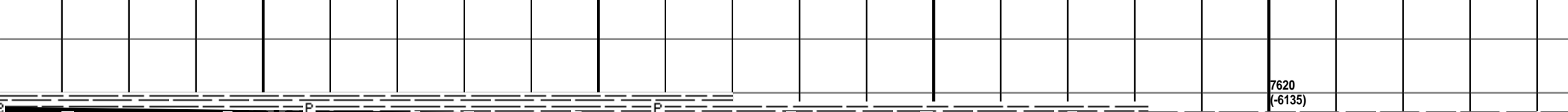


1991u CG 1628u 1970u CG 2413u 1803u CG 1855u 2177u CG 1932u

Visible Gas Escaping from Sample Visible Gas Escaping from Sample

7570 TVD Sub Sea (-6085)

SH: dk gy-blk, blk, frm, sl calc, tr dsem & nodr pyr, tr S: wkst, lt brn-med gy blk, sft, rthy tex, tr
 10830-10860 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr
 10860-10890 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr
 10890-10920 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal
 10920-10950 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 10950-10980 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 10980-11010 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 11010-11040 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 11040-11070 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl



7620 (-6135)

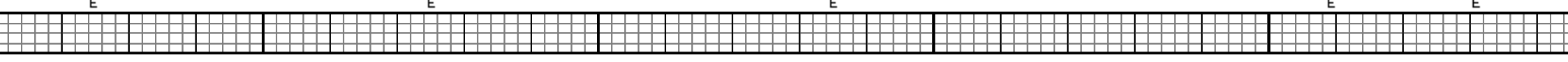
MD 10852
 INC 89.30
 AZM 160.90
 TVD 7623.66
 VS 2894.23

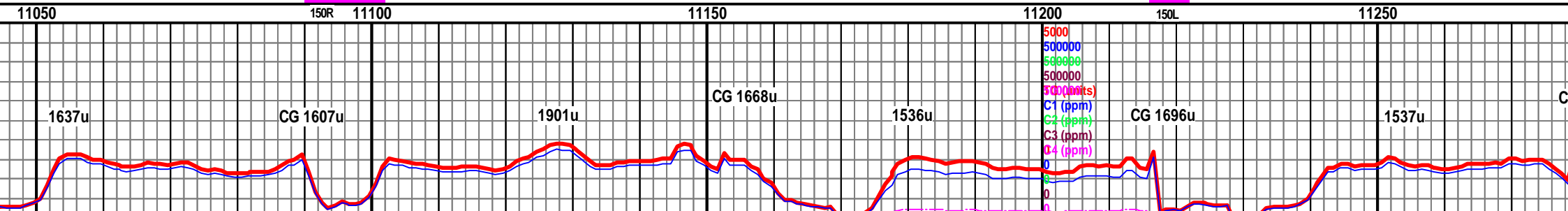
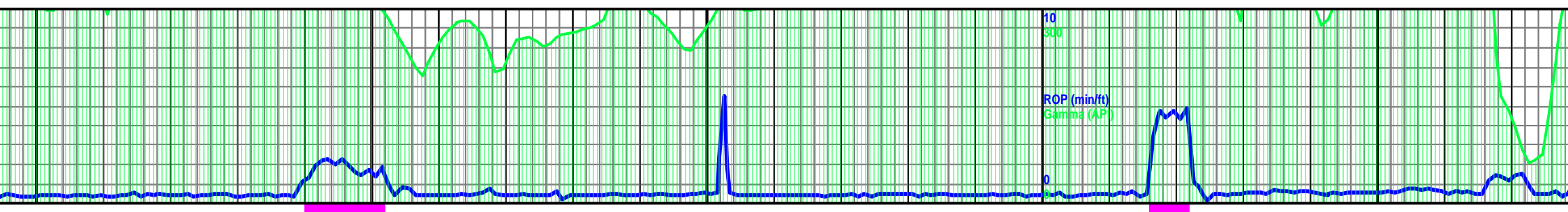
MD 10915
 INC 89.00
 AZM 160.40
 TVD 7624.60
 VS 2955.37

MD 10978
 INC 88.90
 AZM 160.60
 TVD 7625.75
 VS 3016.46

7670 (-6185)

MD 11042
 INC 88.90
 AZM 160.60
 TVD 7626.00
 VS 3078.50

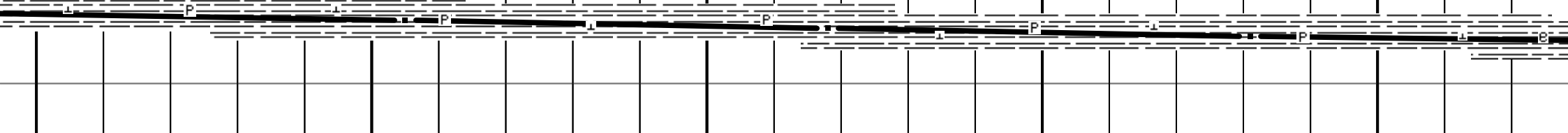
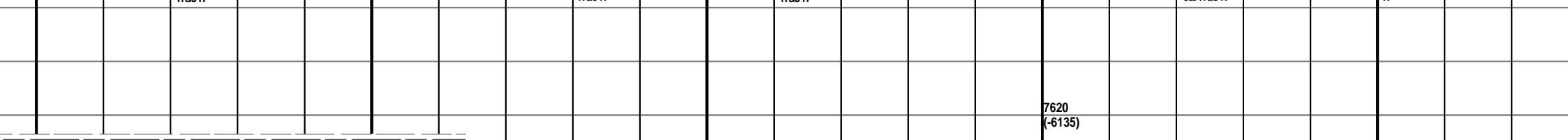




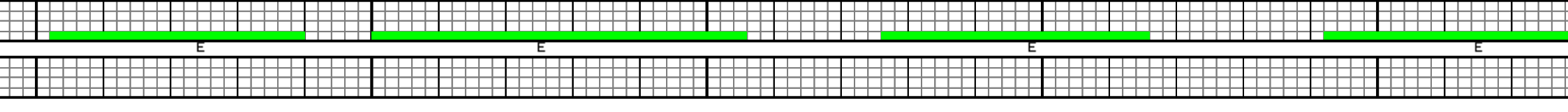
Visible Gas Escaping from Sample

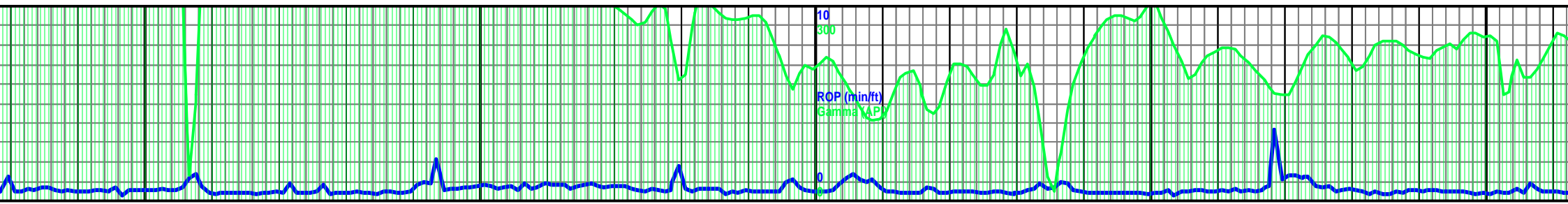
7570 TVD
Sub Sea (-6085)

0-11070 SH: blk, blk, frm, rthy tex, c, tr dsem & nodr pyr, tr cal frac fl
 11070-11100 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 11100-11130 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr cal frac fl
 11130-11160 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl
 11160-11190 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl
 11190-12200 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal frac fl
 12200-12250 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl
 12250-12280 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl

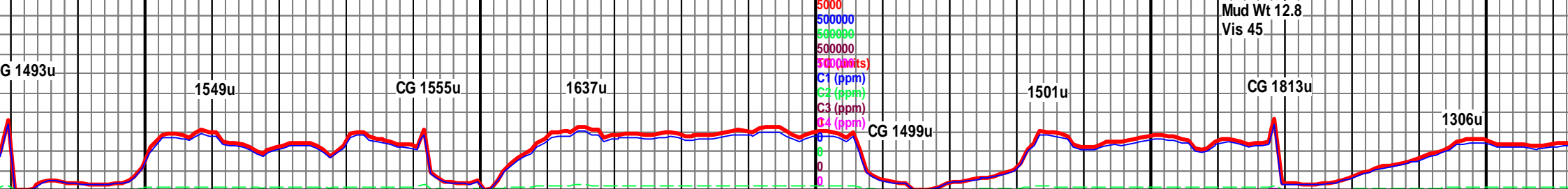


		MD 11105 INC 88.70 AZM 158.80 TVD 7628.30 VS 3139.42		MD 11168 INC 88.50 AZM 158.90 TVD 7629.84 VS 3200.03		MD 11231 INC 89.00 AZM 158.90 TVD 7631.21 VS 3260.67	
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11300 11350 11400 11450 11500



Visible Gas Escaping from Sample

11280-11310 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl

11310-11340 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl

11340-11370 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl

11370-11400 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & rr nodr pyr, tr cal frac fl

11400-11430 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; com LS: wkst, med-dk gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por

11430-11460 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med-dk gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por

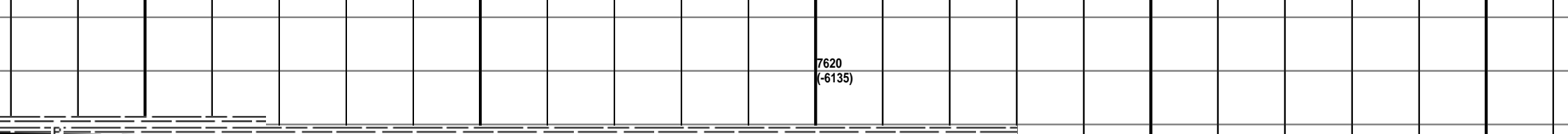
11460-11490 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por

11490-11520 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med-dk gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por

7570 TVD Sub Sea (-6085)

7620 (-6135)

7670 (-6185)

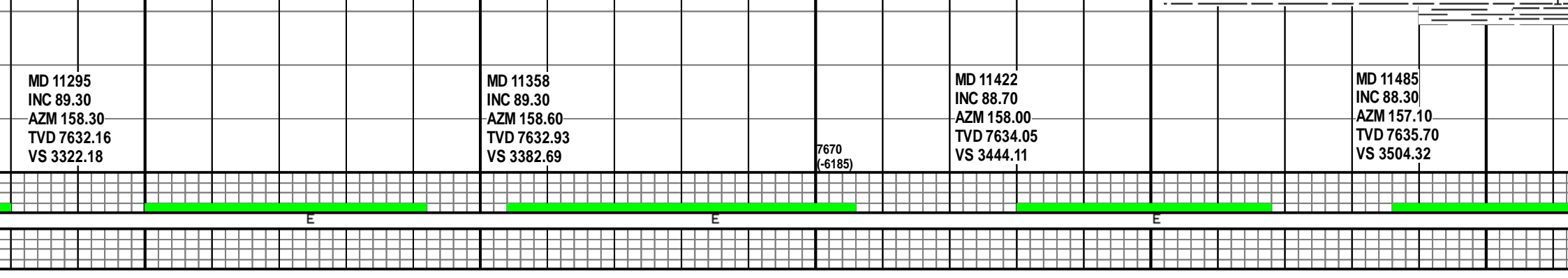


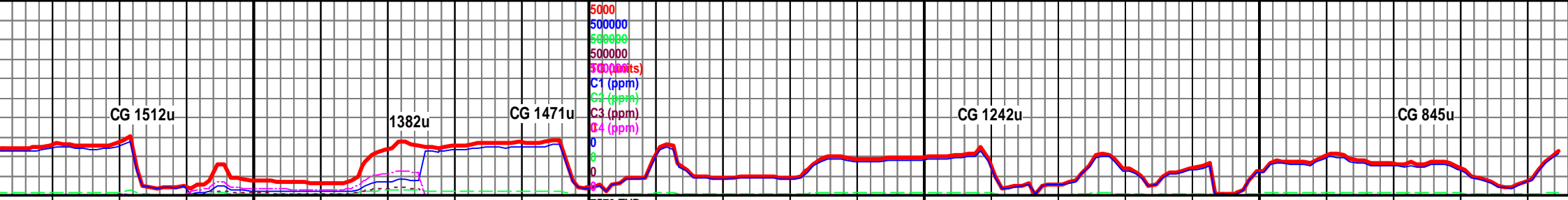
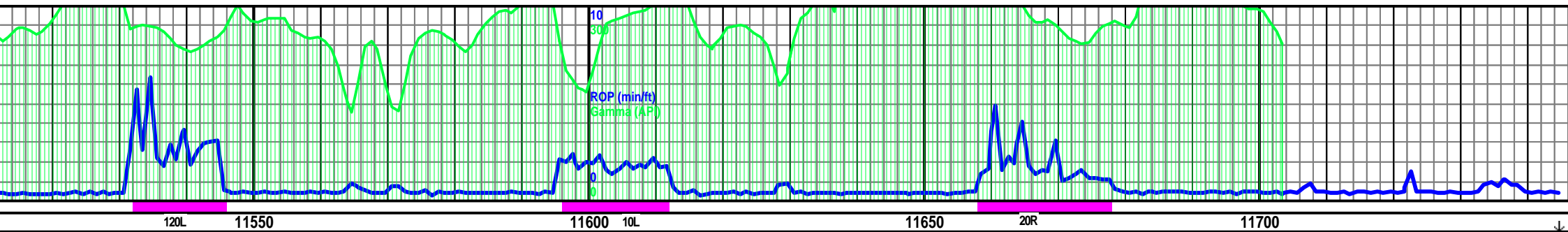
MD 11295 INC 89.30 AZM 158.30 TVD 7632.16 VS 3322.18

MD 11358 INC 89.30 AZM 158.60 TVD 7632.93 VS 3382.69

MD 11422 INC 88.70 AZM 158.00 TVD 7634.05 VS 3444.11

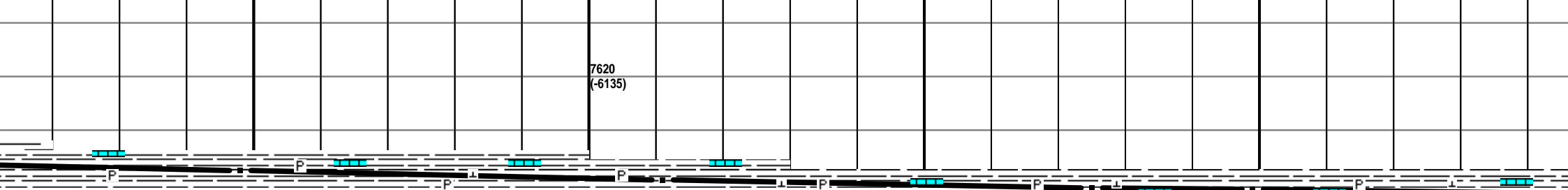
MD 11485 INC 88.30 AZM 157.10 TVD 7635.70 VS 3504.32



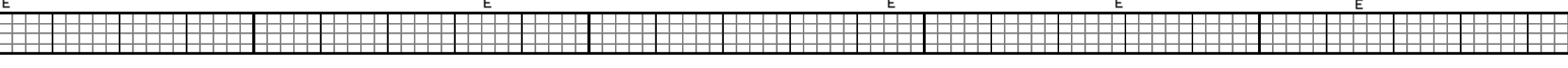


7570 TVD Sub Sea (-6085) Visible Gas Escaping from Sample

11520-11550 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med-dk gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11550-11580 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med-dk gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11580-11610 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11610-11640 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, lt-med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11640-11670 SH: blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, lt-med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11670-11700 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	11700-11730 SH: dk gy-blk, blk, frm, rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por	Bottoms Up: SH: dk rthy tex, sl calc, tr dsem & nodr pyr, tr free cal; rr LS: wkst, med gy mot, micxn, blk, sft-frm, rthy tex, tr intgran por
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MD 11548 INC 88.50 AZM 156.60 TVD 7637.46 VS 3564.30	MD 11611 INC 88.10 AZM 156.40 TVD 7639.32 VS 3624.15	MD 11675 INC 89.30 AZM 156.40 TVD 7640.78 VS 1.88
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Bit #7 3,525' in
35.2 hrs

11750

11745

Total Depth of 11,745'
reached @ 21:39
on 08 March 2011

gy-blk, blk, frm,
em & nodr pyr, tr
med gy mot,
rthy tex, tr

Bottom Hole Location
3,732.94' South and 371.81' East of
surface location

Projection to Bit
MD 11745
INC 89.30
AZM 156.20
TVD 7641.63
VS 3751.36