



CEMENT BOND LOG

Mesa Wireline

Company		ENCANA OIL & GAS (USA)	
Well		SULLIVAN 4-6-26	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API #: 05-123-30600-0000	
Permanent Datum Log Measured From Drilling Measured From		SHL: 580' FSL & 2338' FEL BHL: 1300' FSL & 2450' FEL SEC. 26 TWP. 2N RGE. 68W GROUND LEVEL Elevation 4942' KELLY BUSHING = 13' KELLY BUSHING	
Other Services		NONE	
Elevation		K.B. 4965' D.F. 4966' G.L. 4942'	
Date	20 JULY 2011	21 JULY 2011	
Run Number	ONE	TWO	
Depth Driller	8217'	8217'	
Depth Logger	8187'	5525'	
Bottom Logged Interval	8187'	5525'	
Top Log Interval	3600'	2950'	
Open Hole Size	7.875"	7.875"	
Type Fluid	WATER	WATER	
Density / Viscosity	~8.34 LBS/GAL	~8.3 LBS/GAL	
Max. Recorded Temp.	260 DegF	260 DegF	
Estimated Cement Top	5440'	5440'	
Time Well Ready	N/A	N/A	
Time Logger on Bottom	N/A	N/A	
Equipment Number	10801W / PD-1	10801W/PD-1	
Location	AULT CO	AULT CO	
Recorded By	B. MAYNARICH	B. MAYNARICH	
Witnessed By	T. MAJORS	B. POTTEBAUM	
Borehole Record			
Run Number	Bit	From	To
ONE	12.25"	0	1056'
TWO	7.875"	0	8217'
Tubing Record			
Casing Record	Size	Wgt/Ft	Top
Surface String	8.625"	24#	0
Prot. String			
Production String	4.5"	11.6#	0
Liner			
Bottom			
1056'			

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

NO LOGS AVAILABLE TO CORRELATE TO.
SHORT JOINT: 7285' - 7309'
PRESSURE PASS RAN UNDER 1000 PSI

WE APPRECIATE YOUR BUSINESS. MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0458



SURFACE CASING PASS

$$5'' = 100'$$

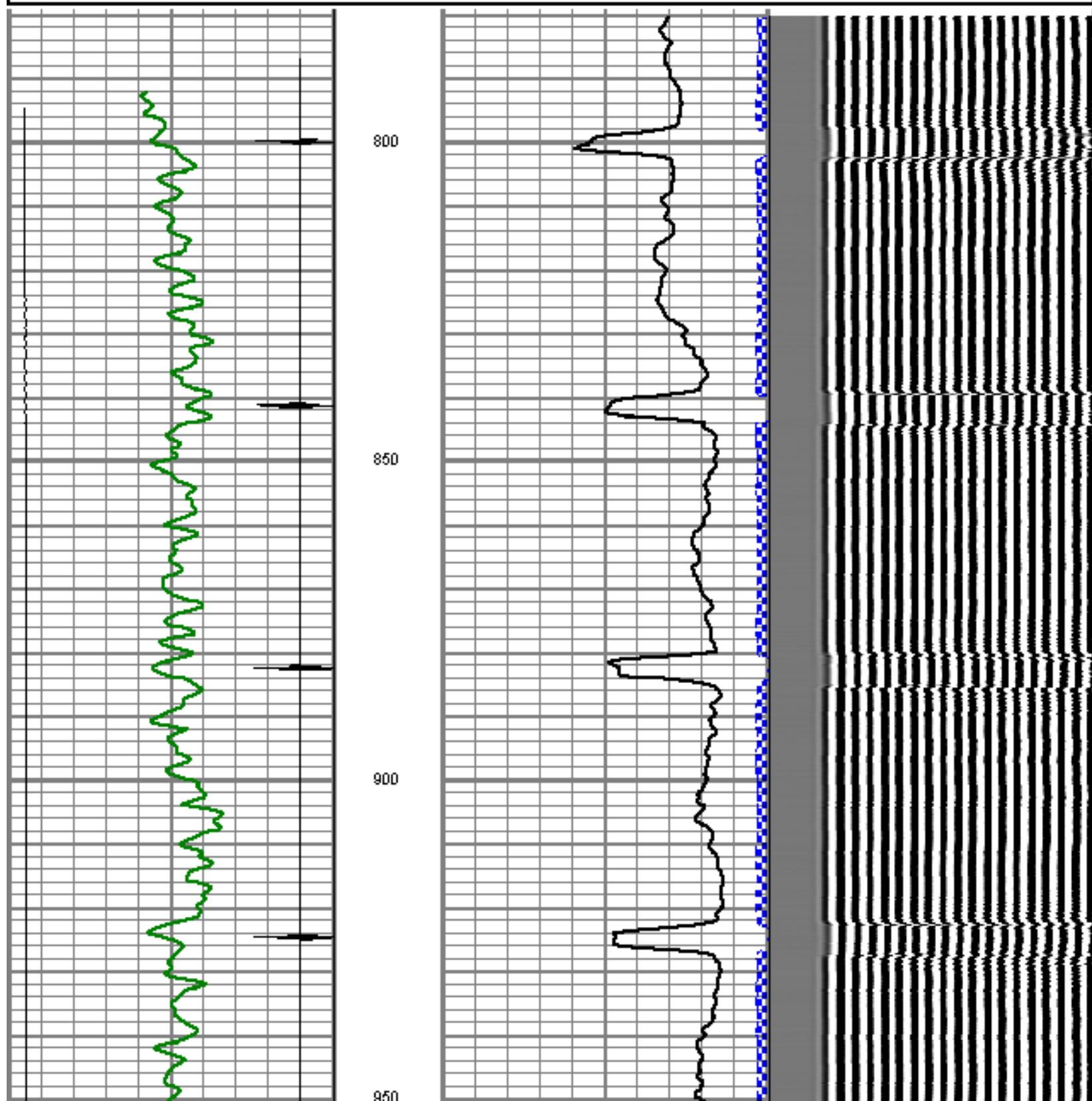
Mesa Wireline

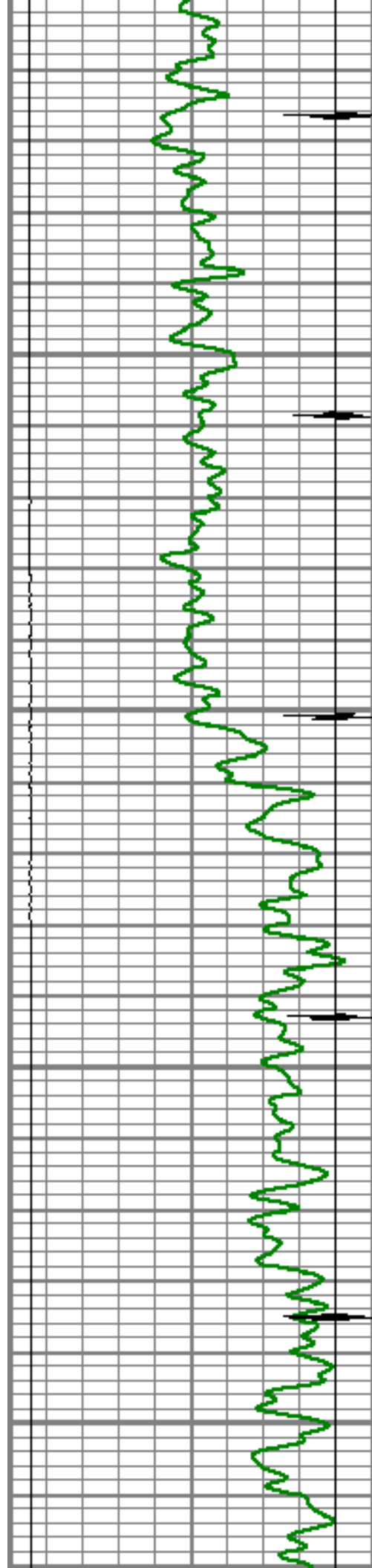
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Dataset Pathname: pass7
Presentation Format: dcbl_prb
Dataset Creation: Wed Jul 20 15:13:19 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
0	LTEN (lb)	5000
9	CCL	-1

0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100
0	TT3 (usec)	280

200 Variable Density 1200



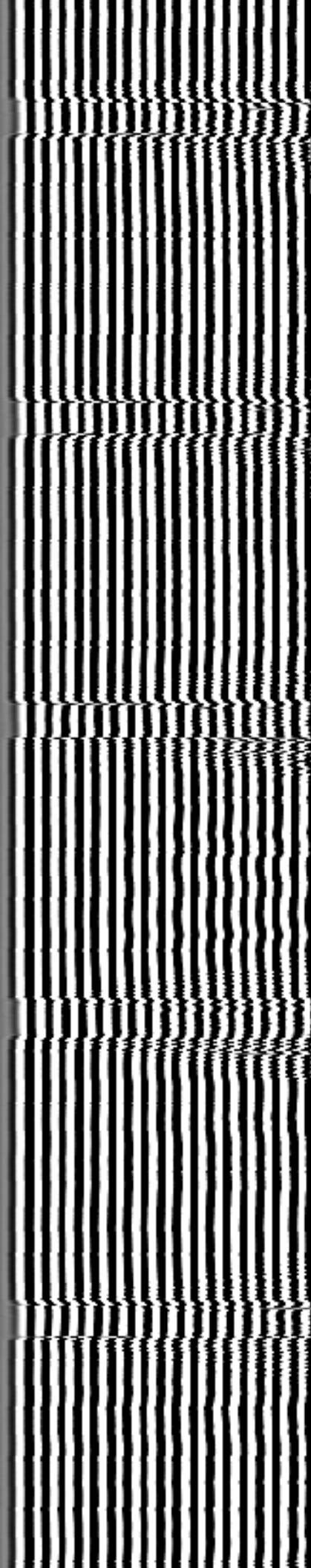
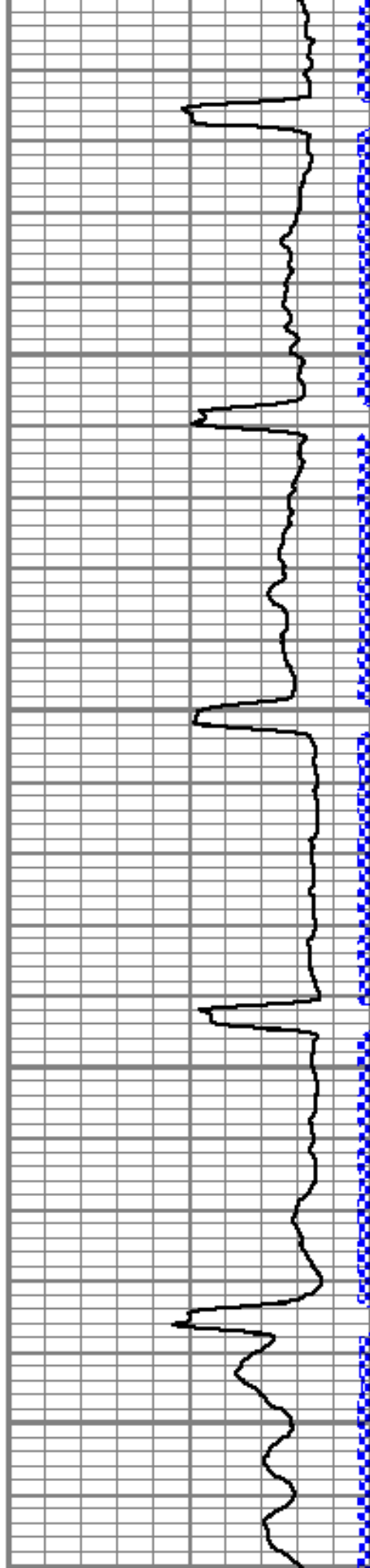


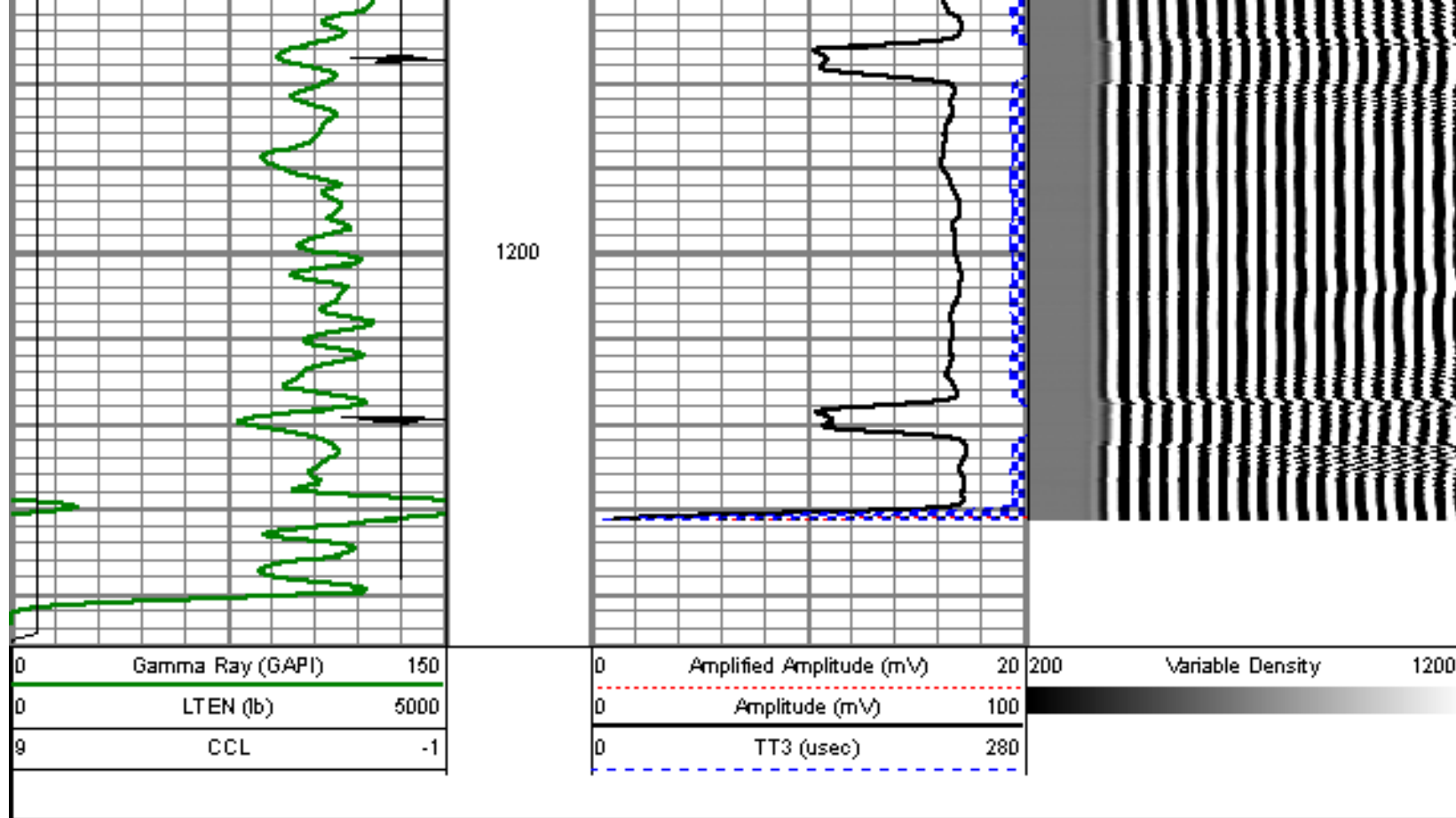
1000

1050

1100

1150

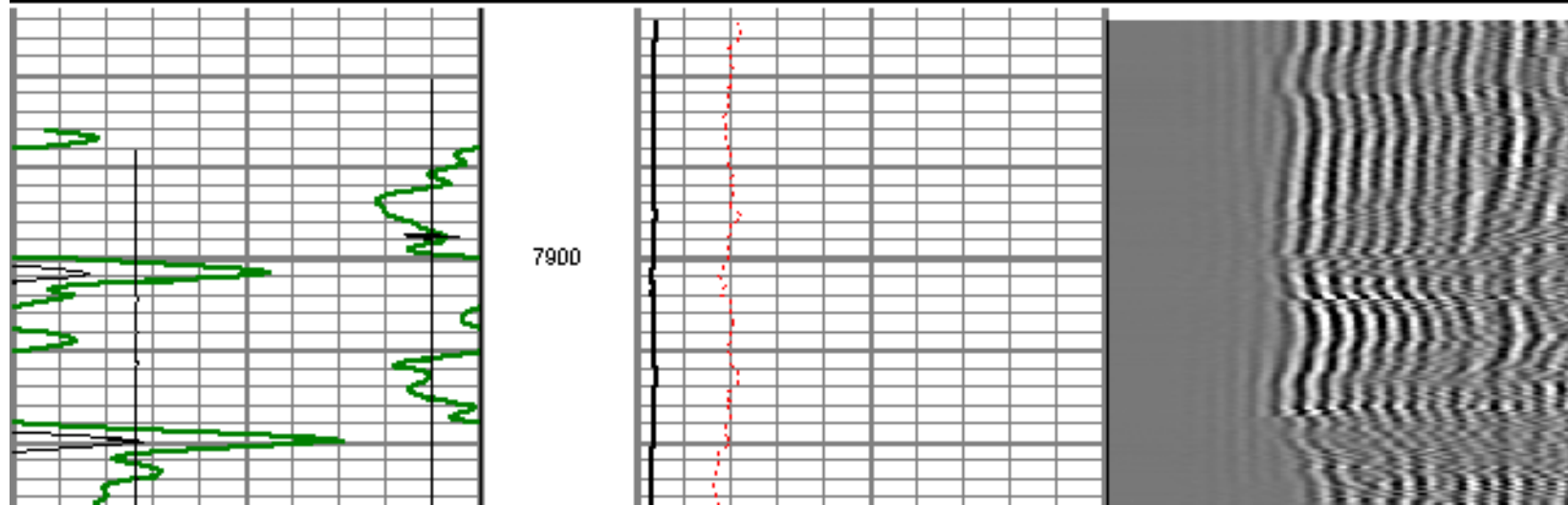
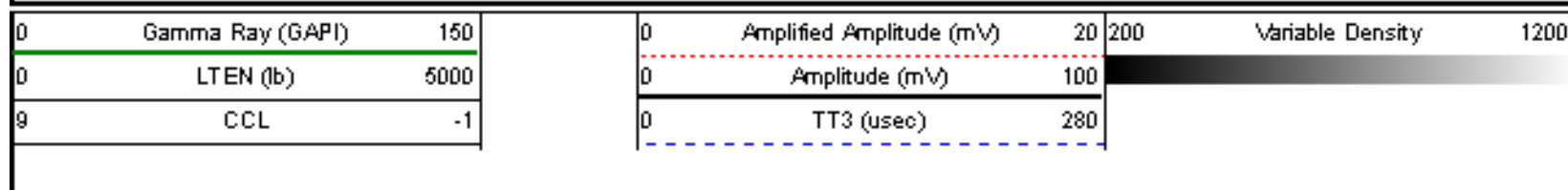


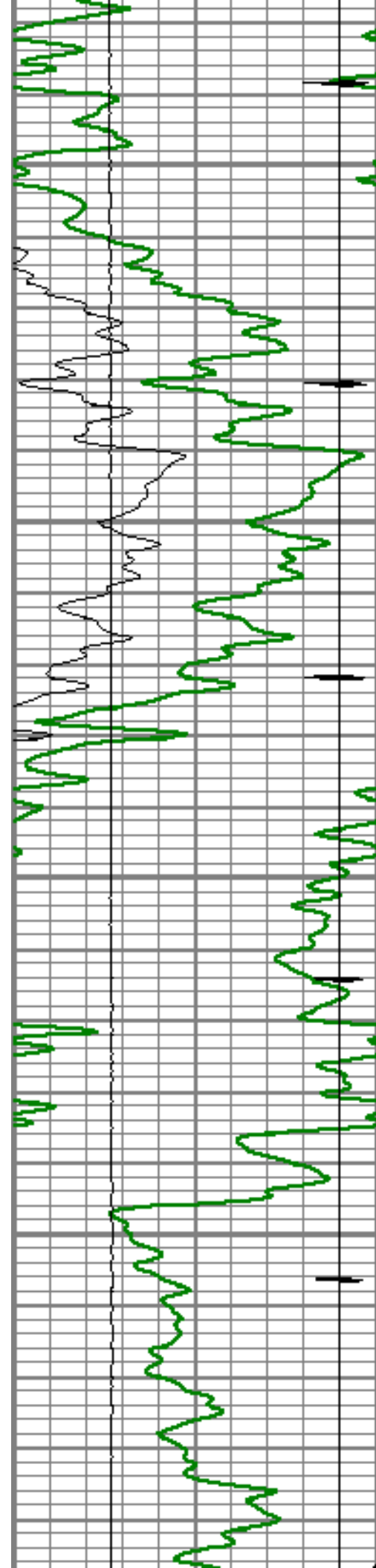


REPEAT PASS

5" = 100'

Database File: sullivan 4-6-26.db
 Dataset Pathname: pass5
 Presentation Format: dcbl_prb
 Dataset Creation: Wed Jul 20 13:42:51 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240





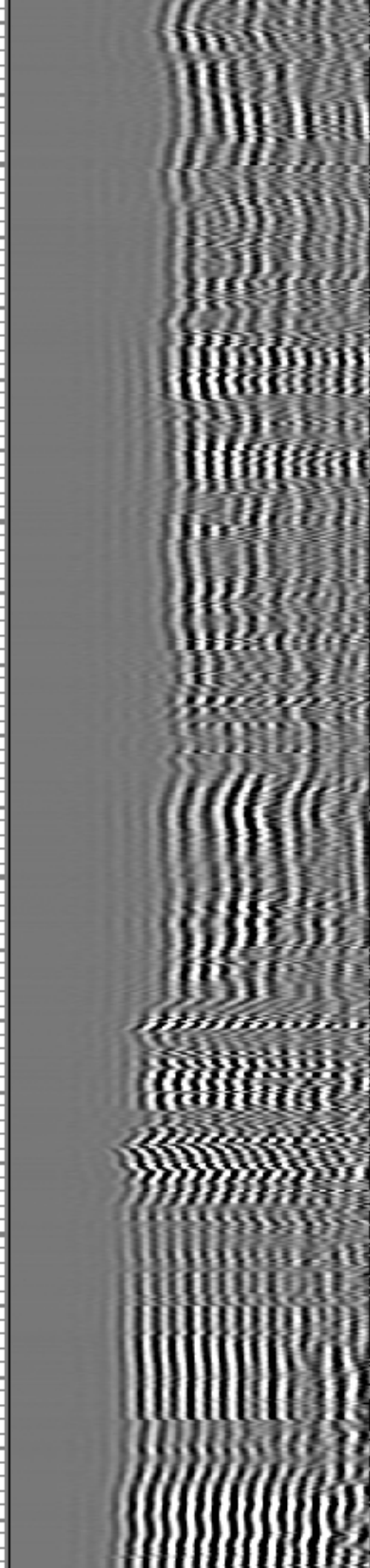
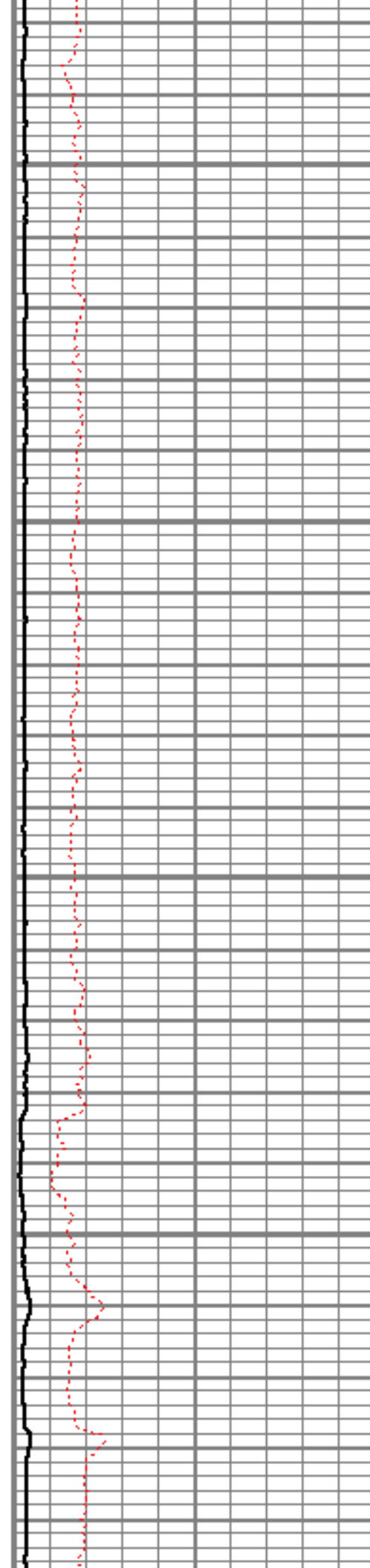
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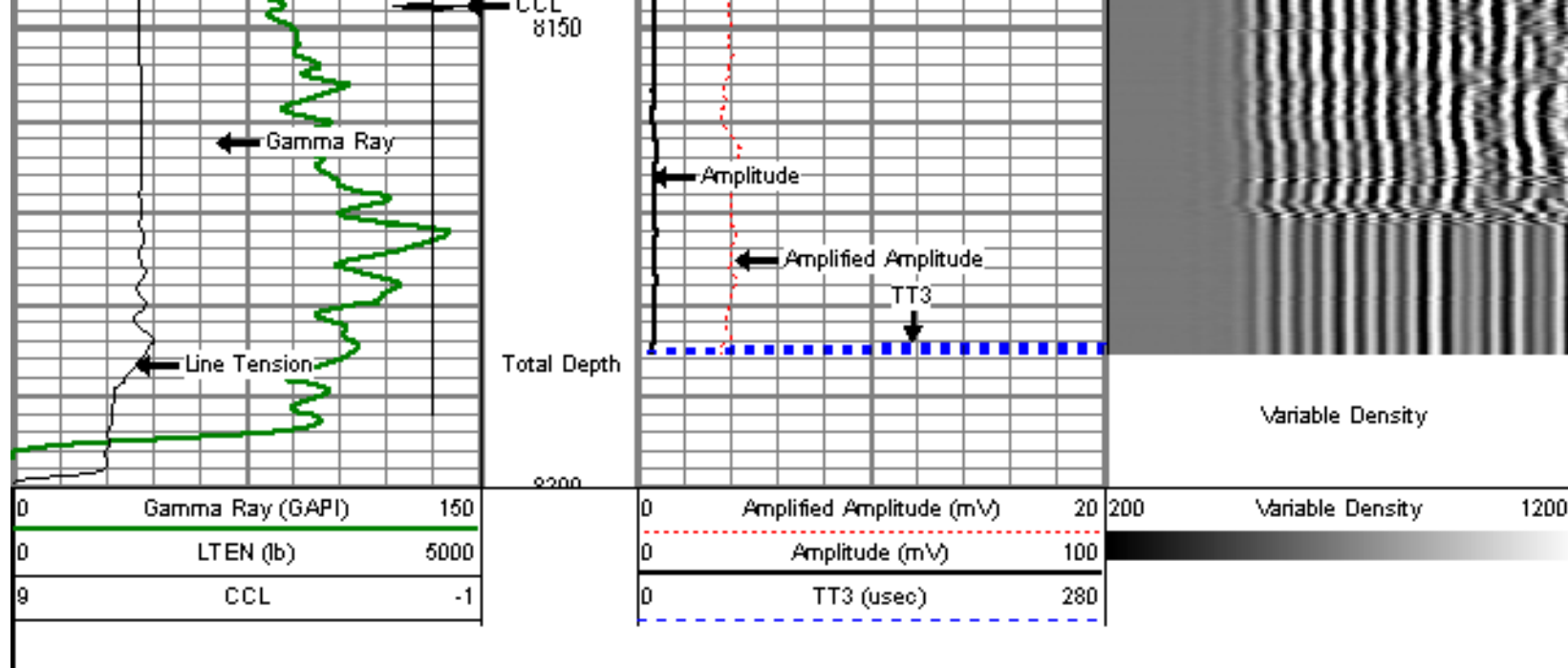
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8050

8100

201



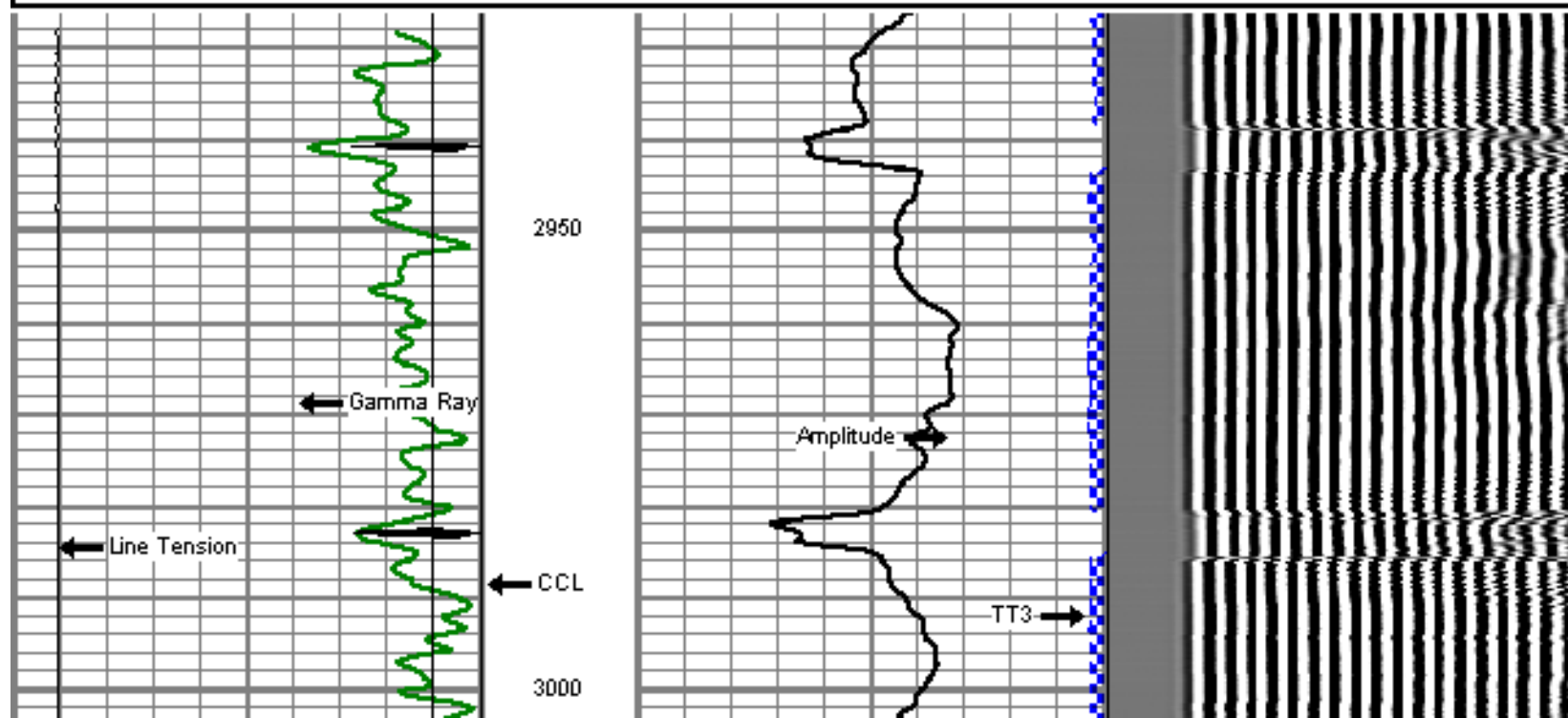
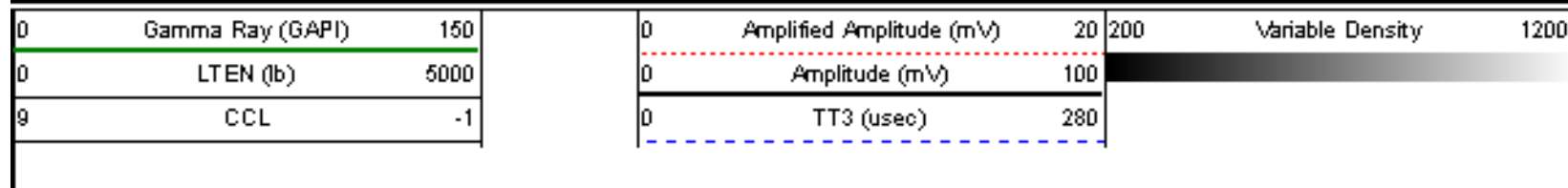


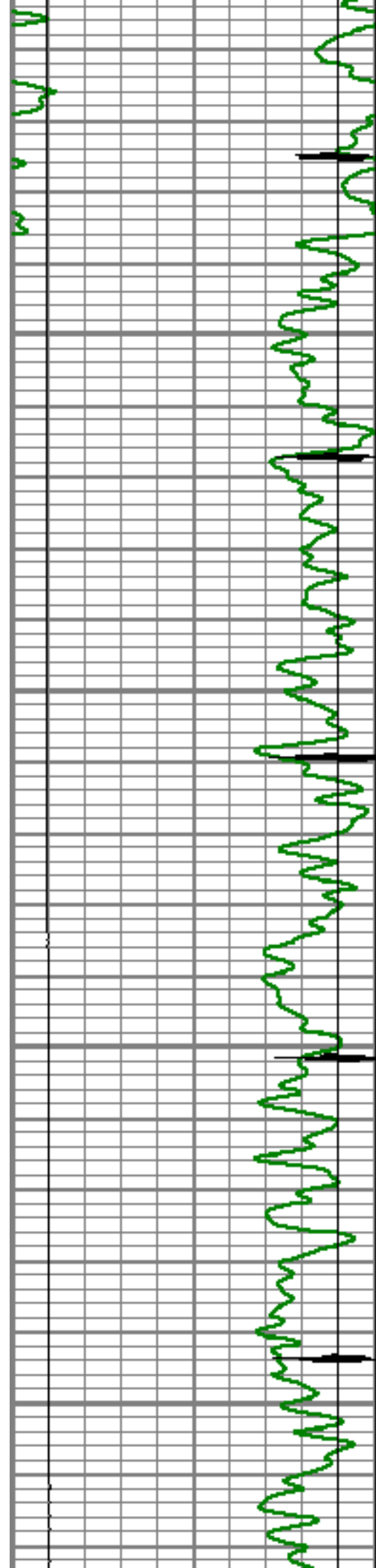
PRESSURE PASS

5" = 100'

LOG RAN WITH 1000 PSI ON THE CASING

Database File: sullivan4-6day2.db
 Dataset Pathname: pass3
 Presentation Format: dcbl_prb
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 Charted by: Depth in Feet scaled 1:240



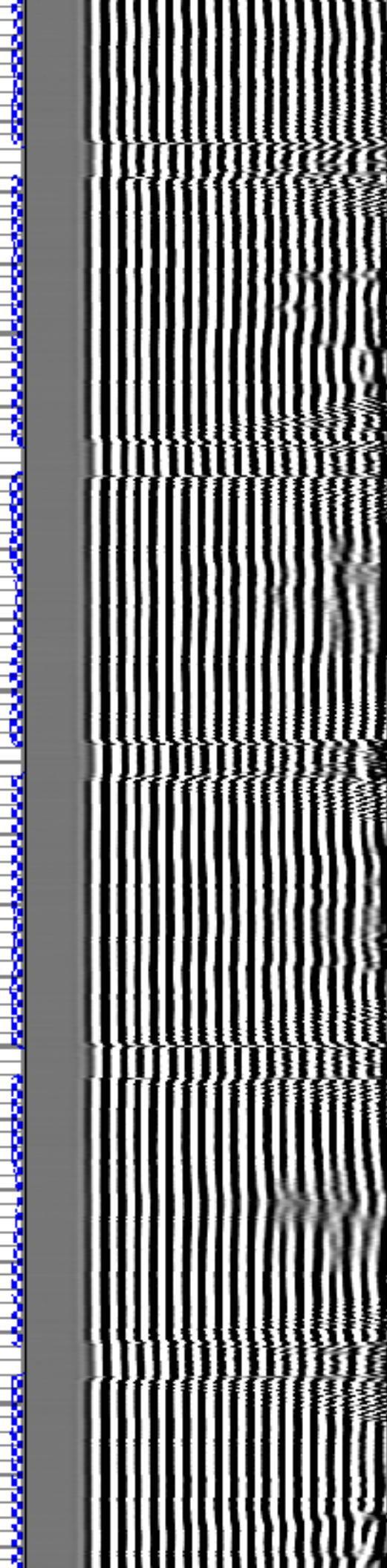
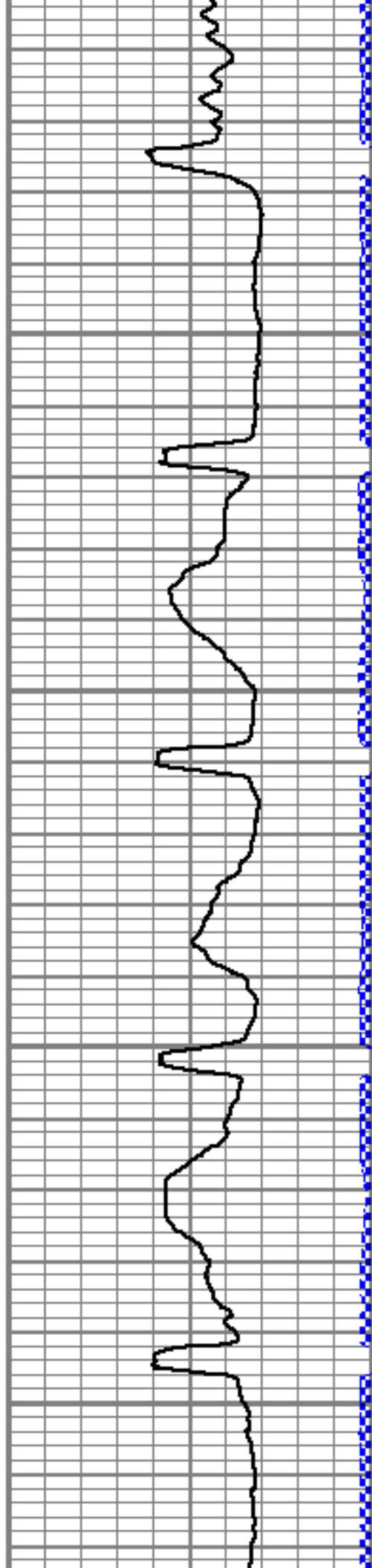


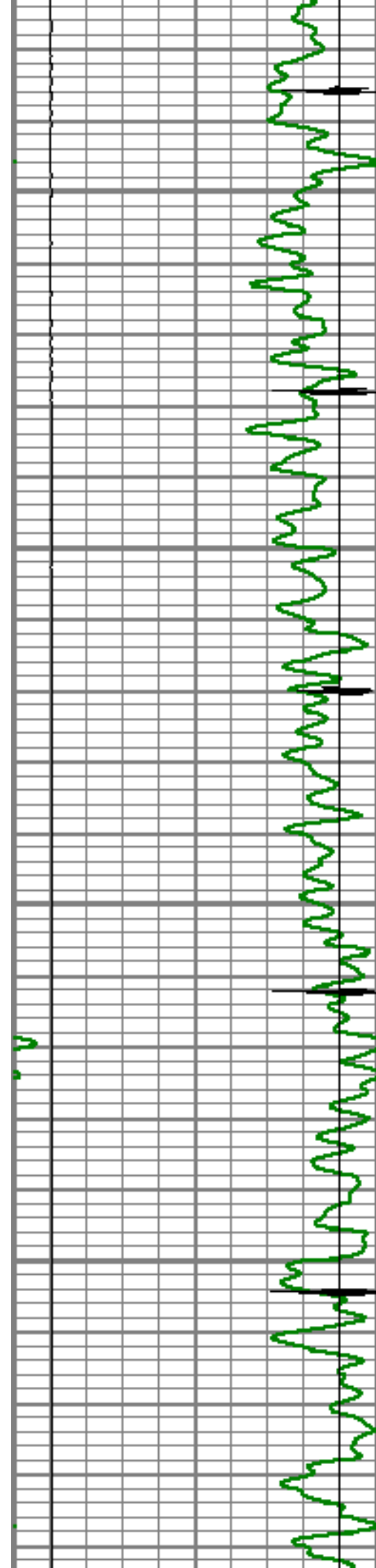
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3100

3150

3200



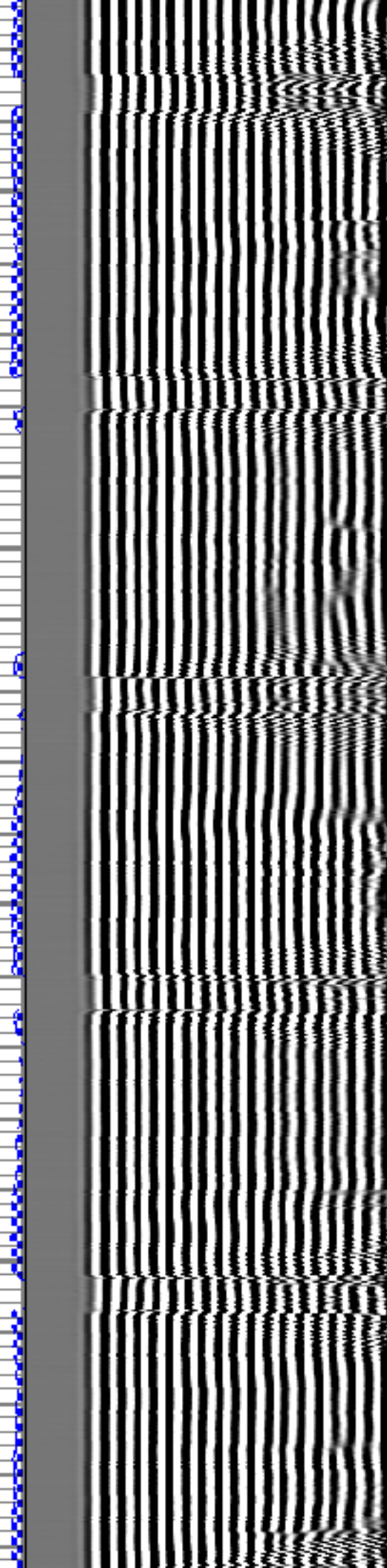
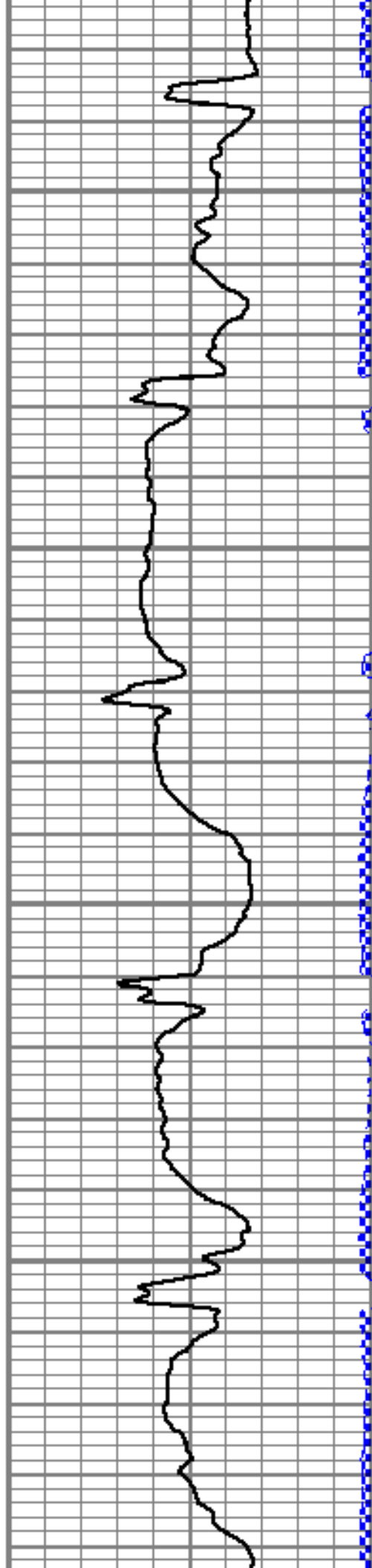


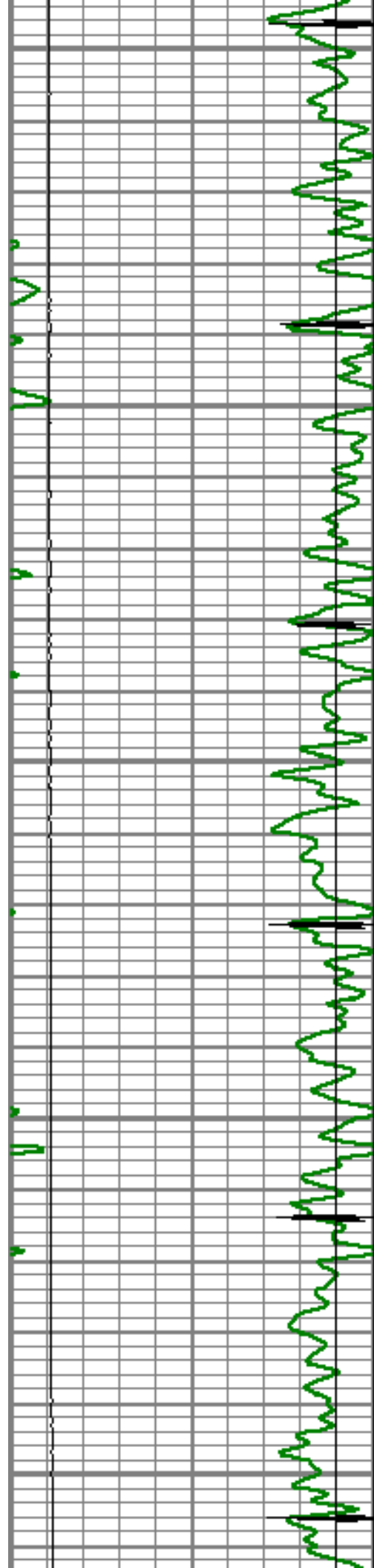
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3300

3350

3400





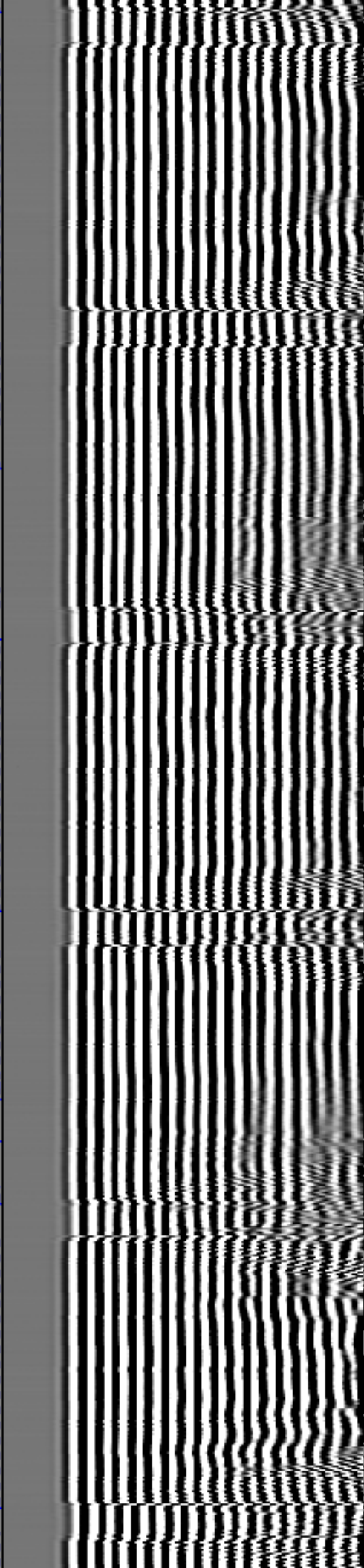
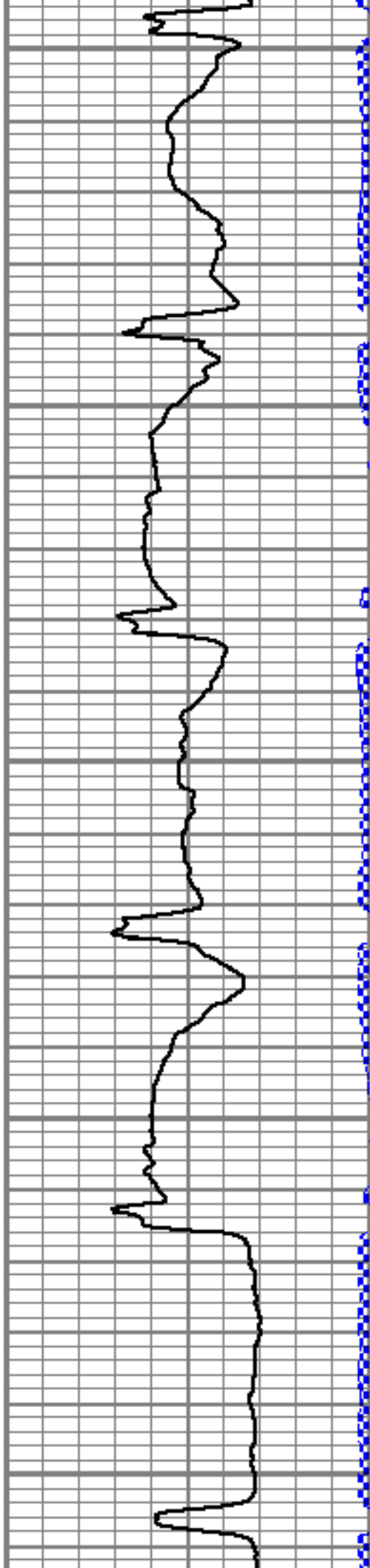
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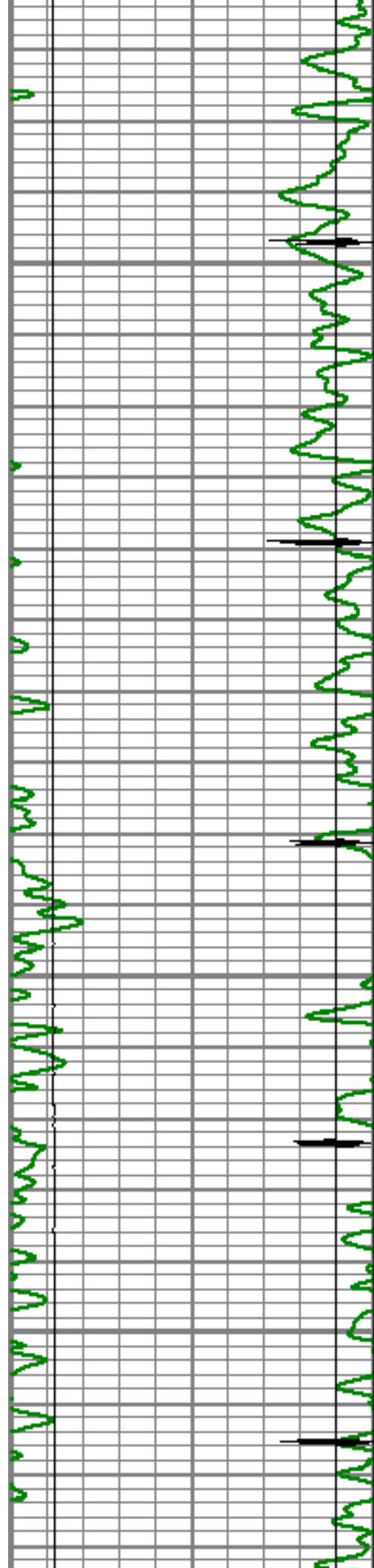
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3550

3600

3650



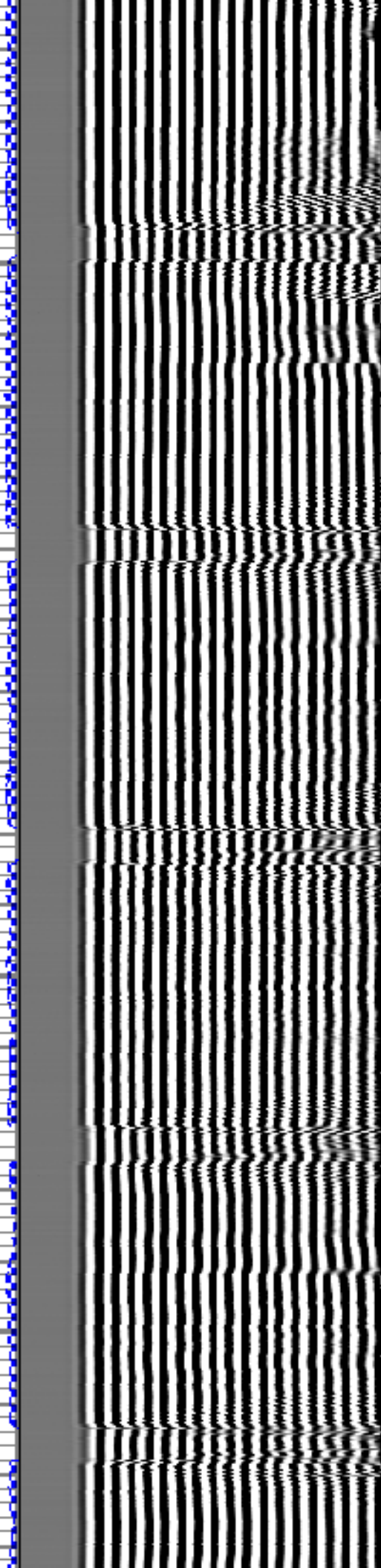
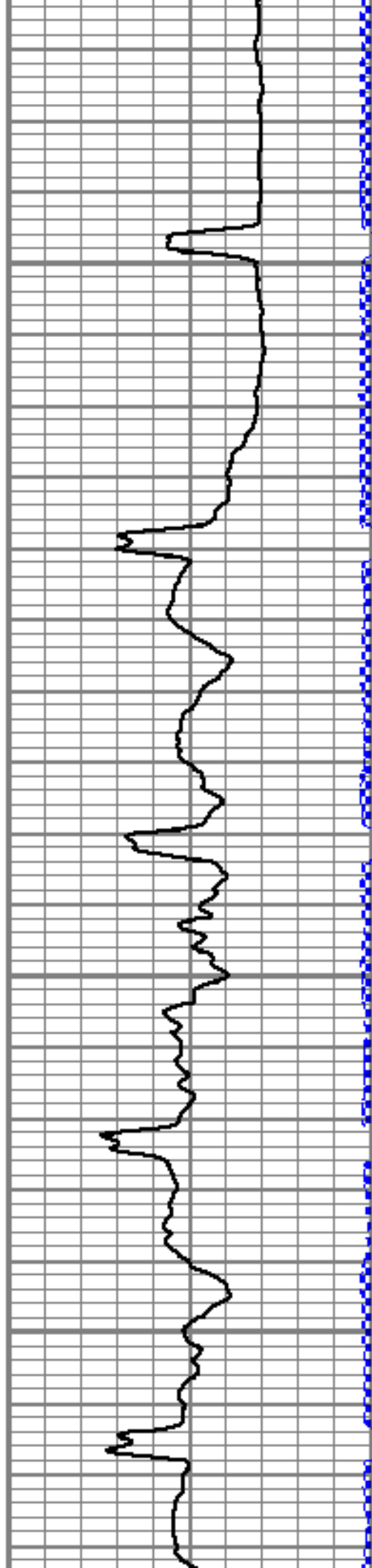


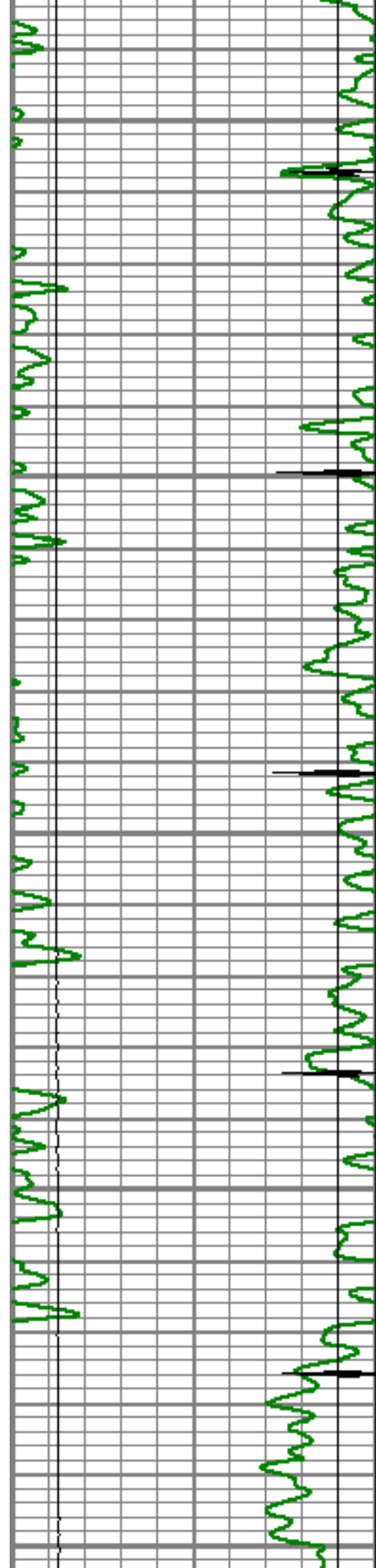
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3750

3800

3850





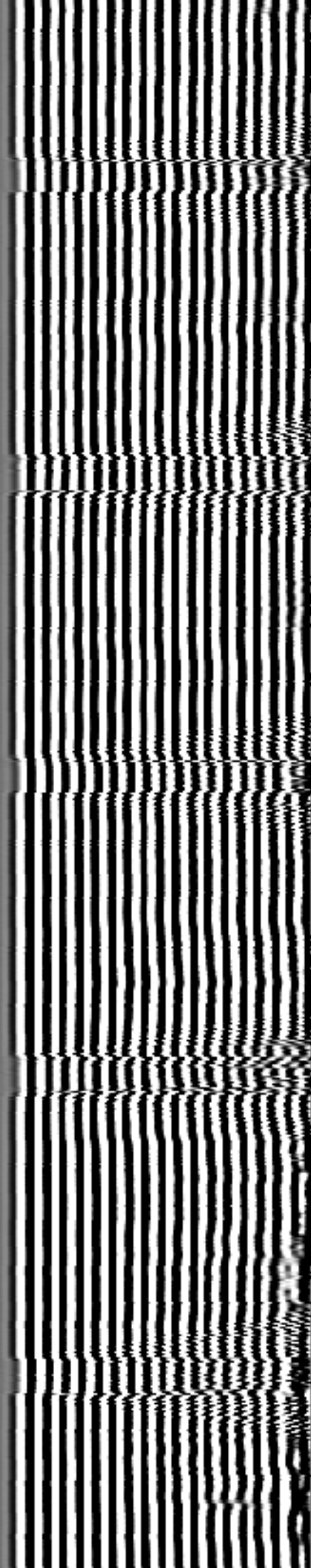
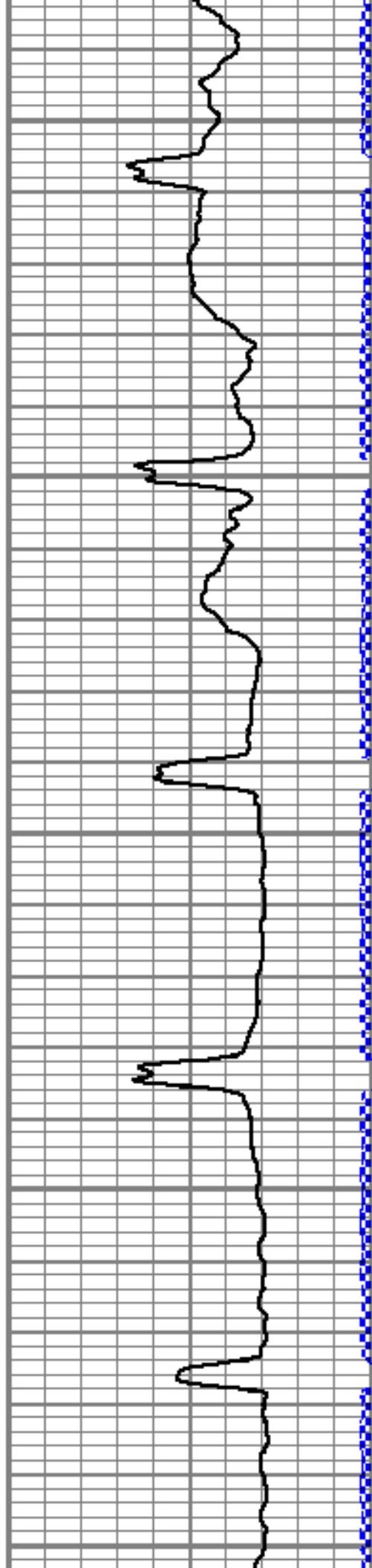
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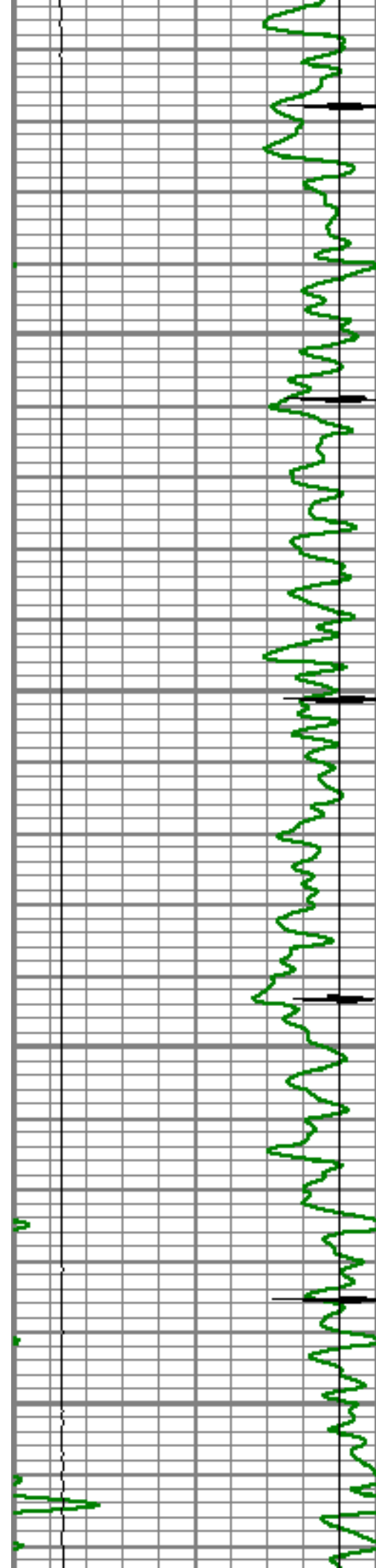
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4050

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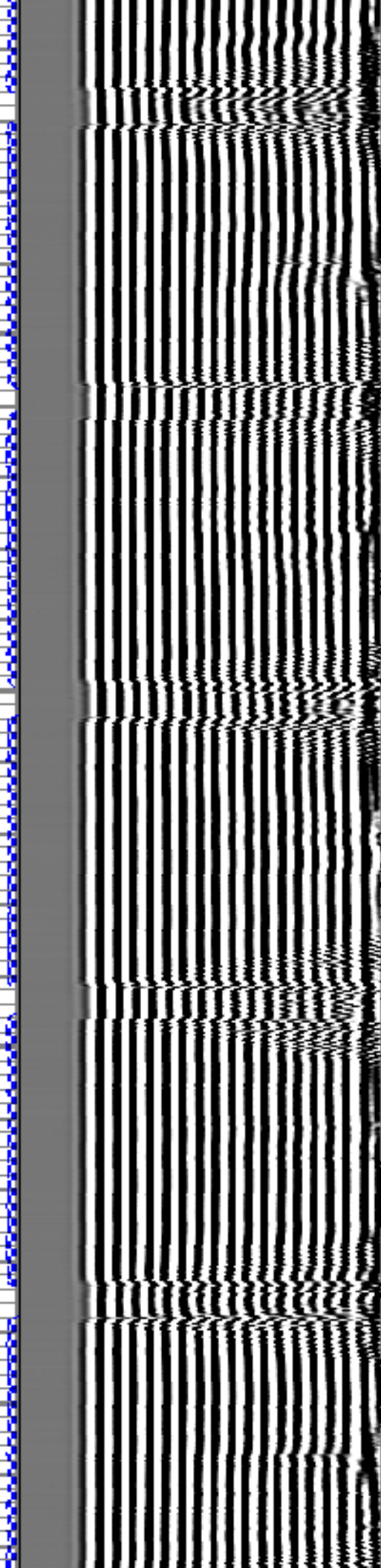
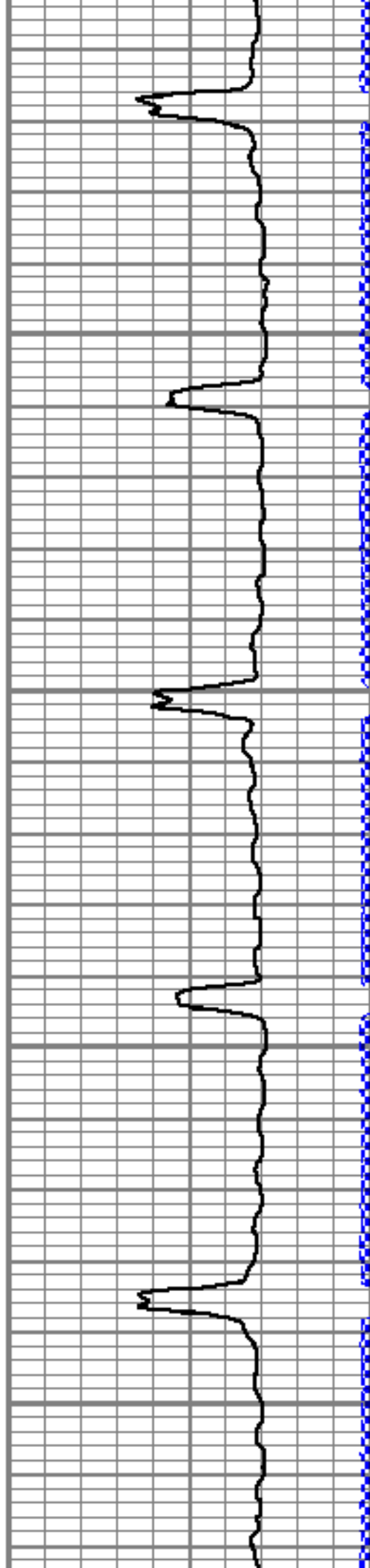


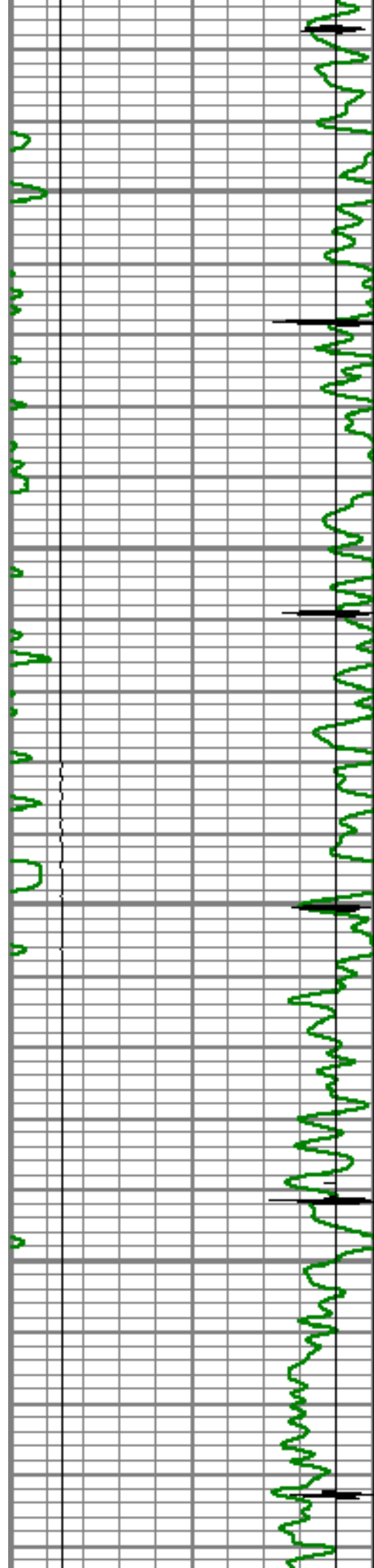
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4200

4250

4300



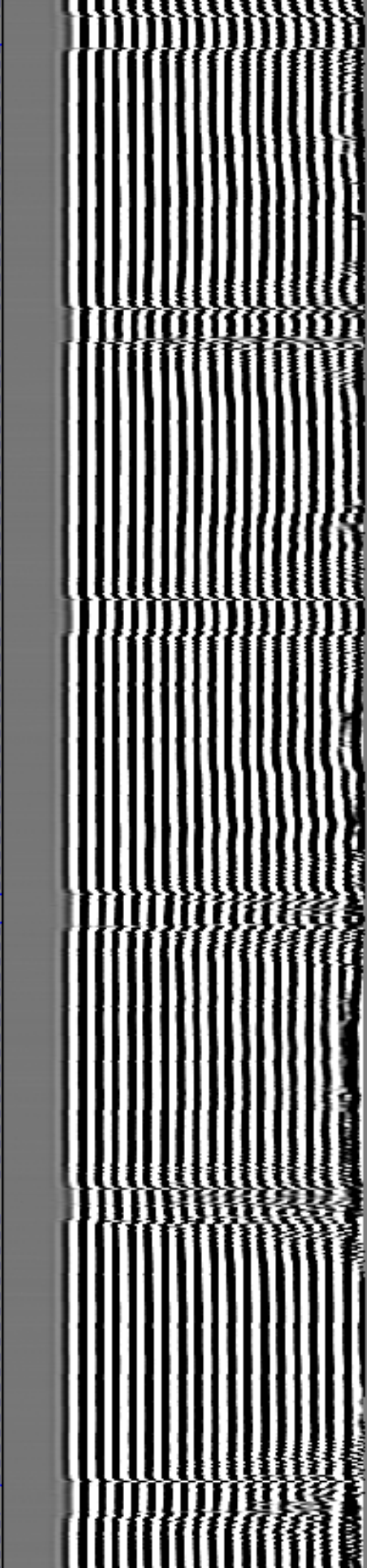
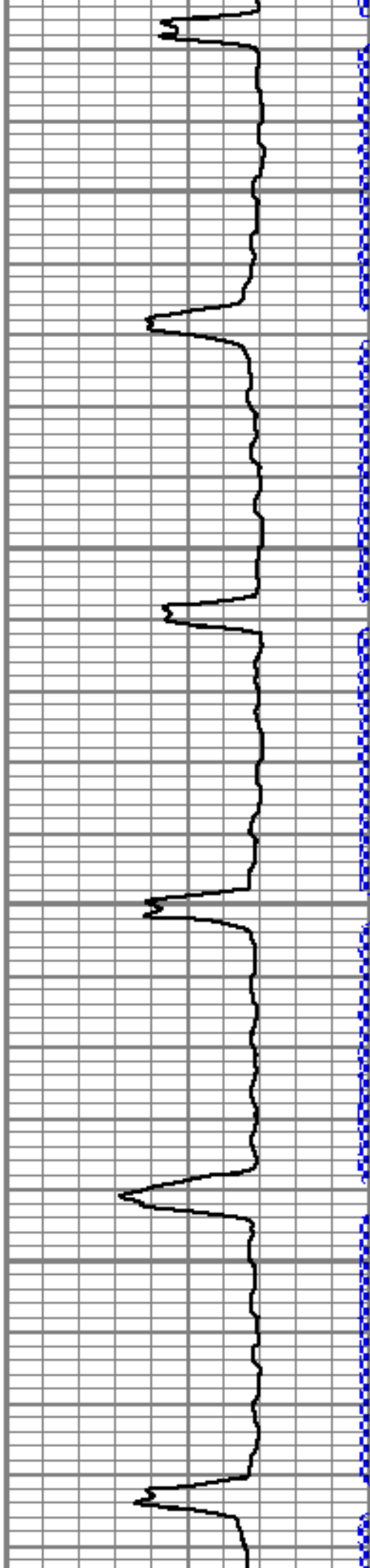


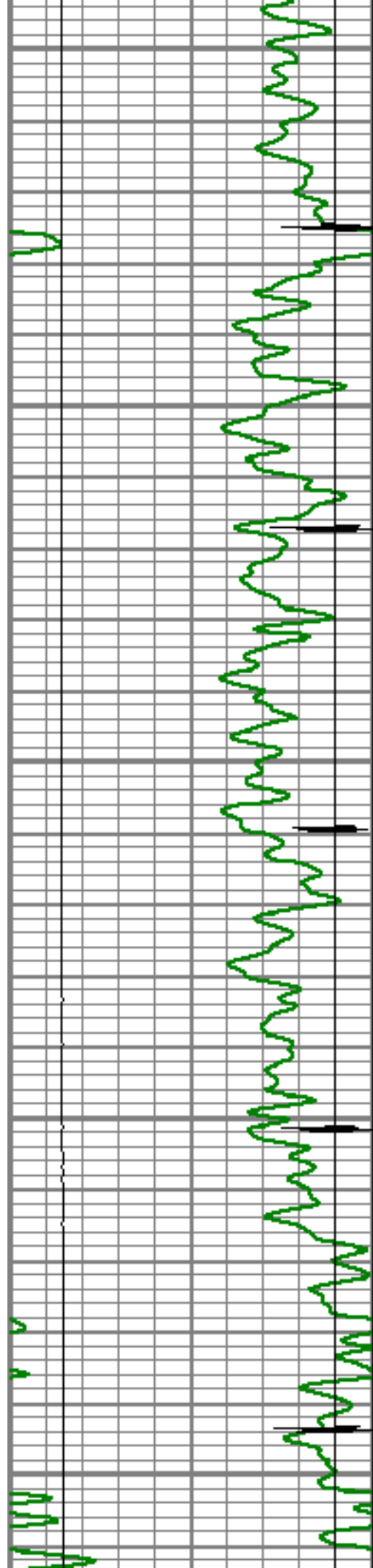
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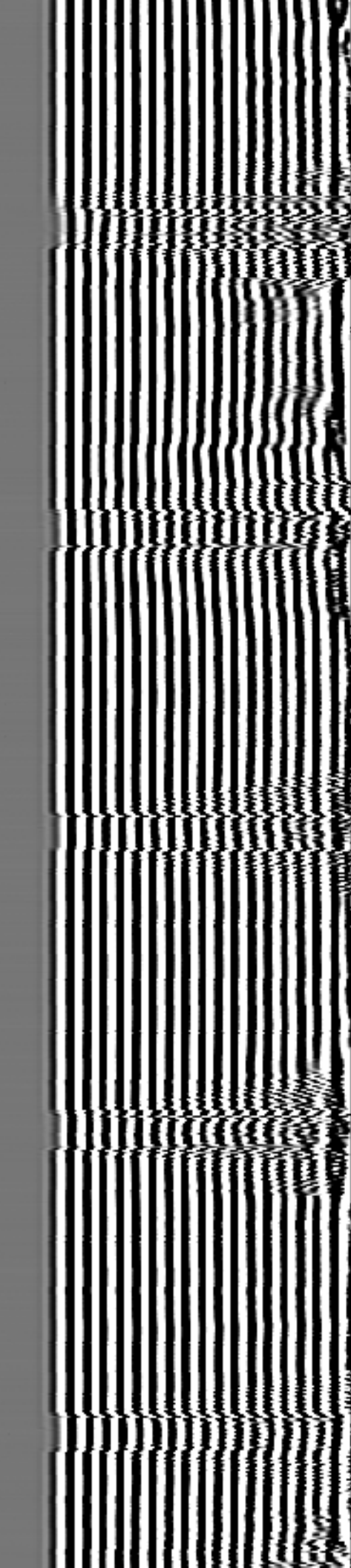
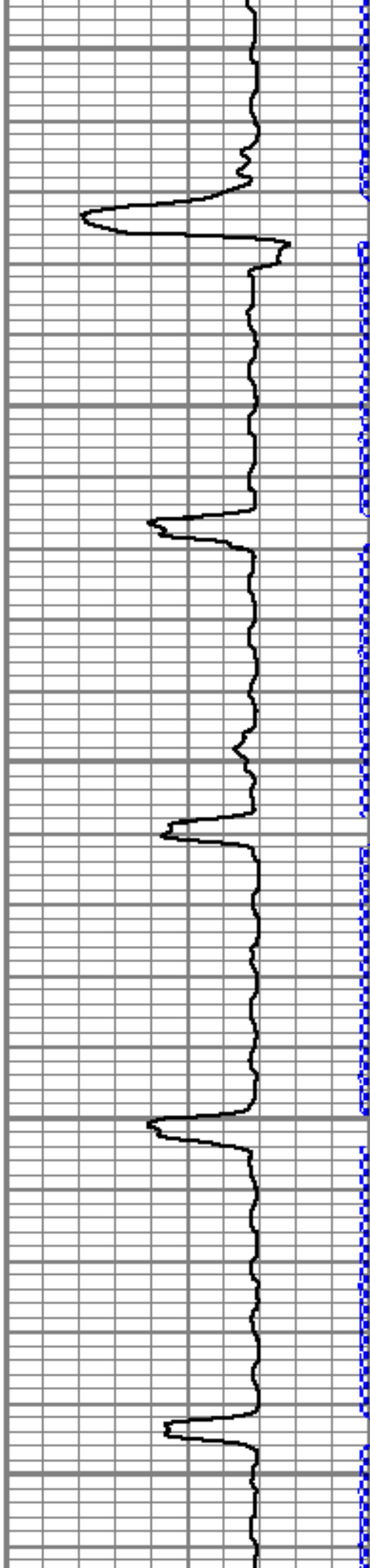
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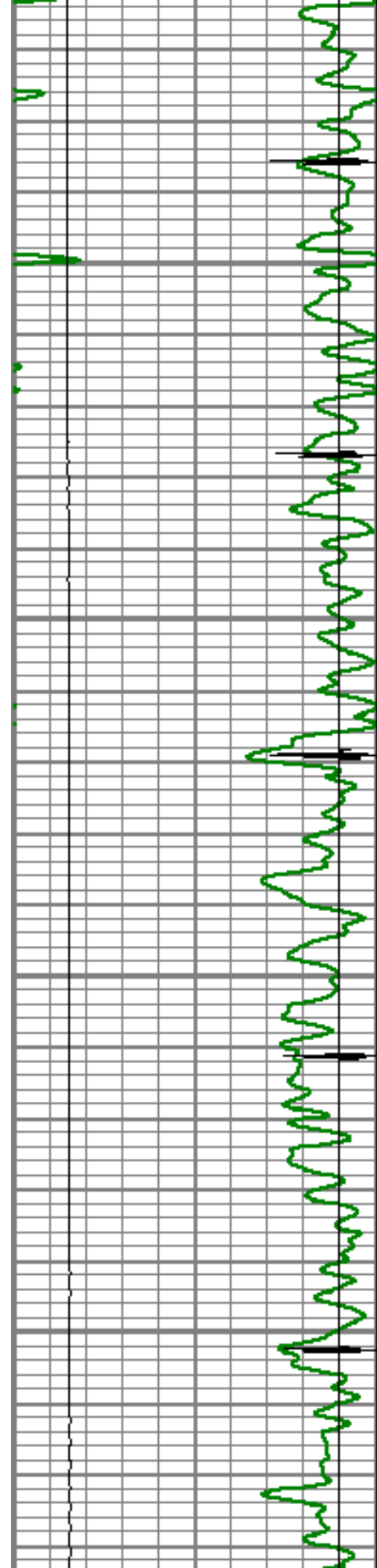
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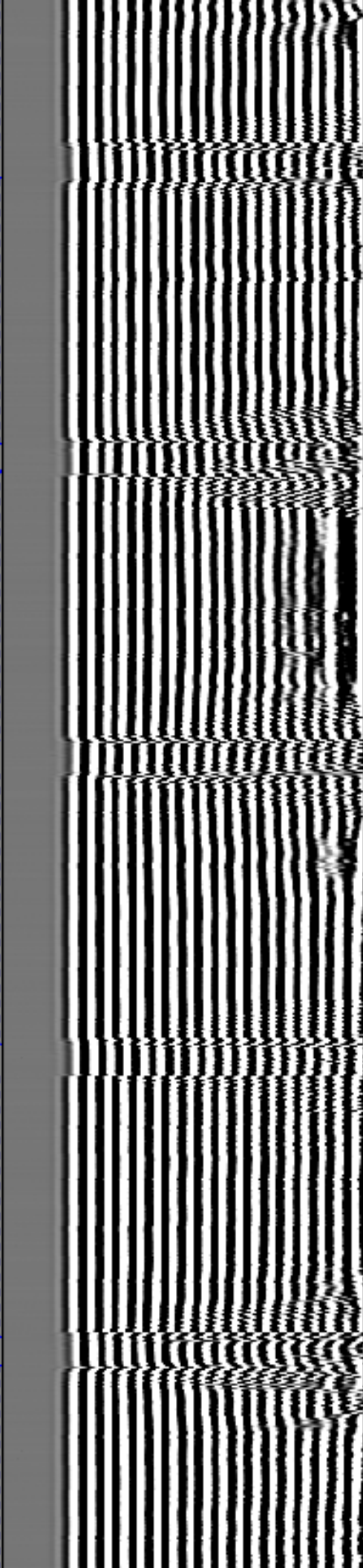
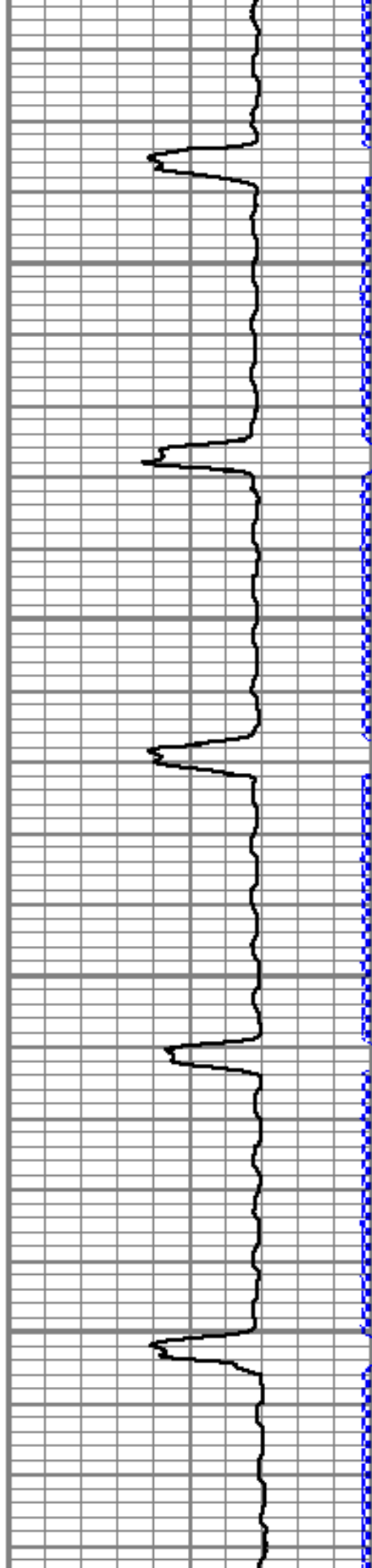


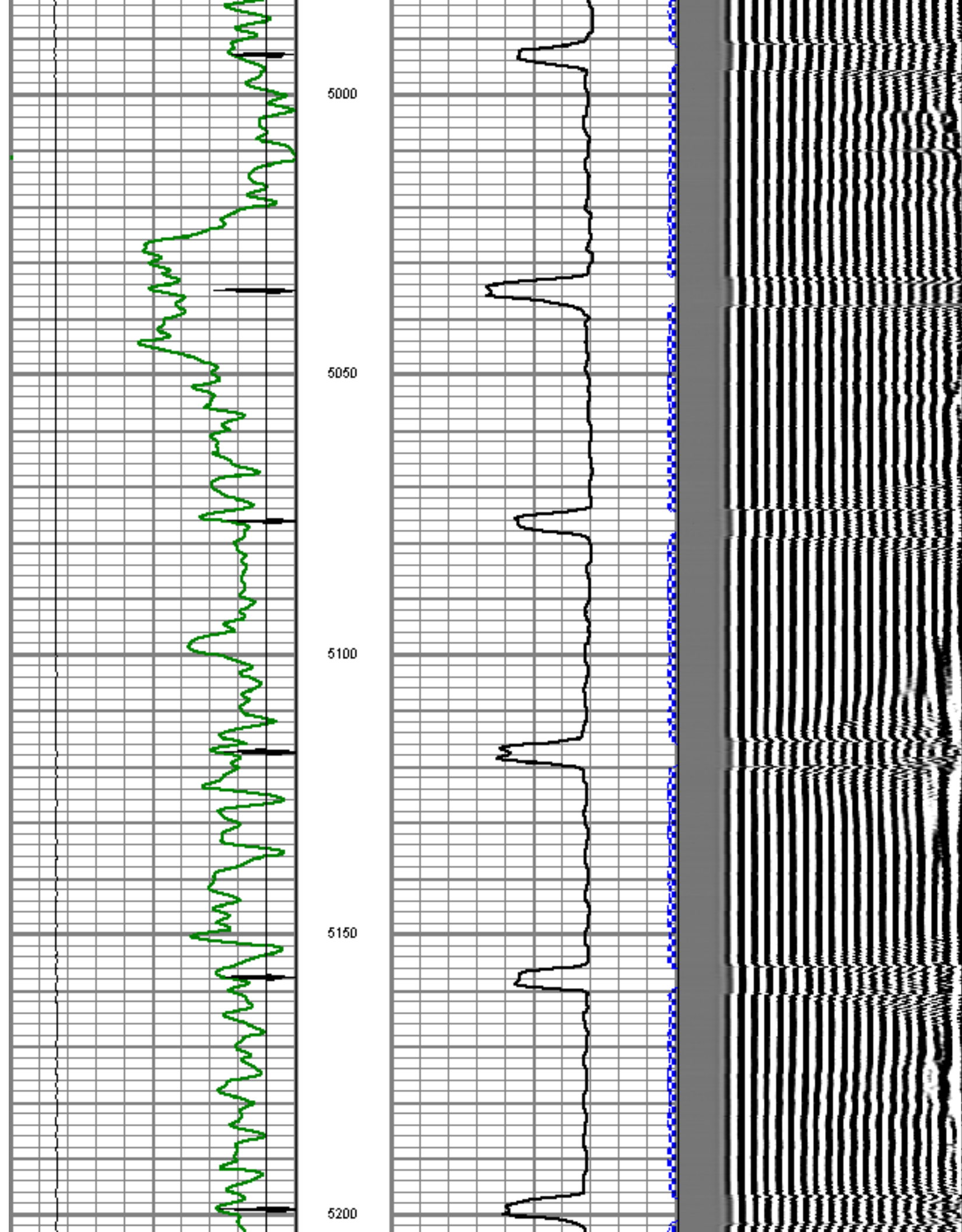
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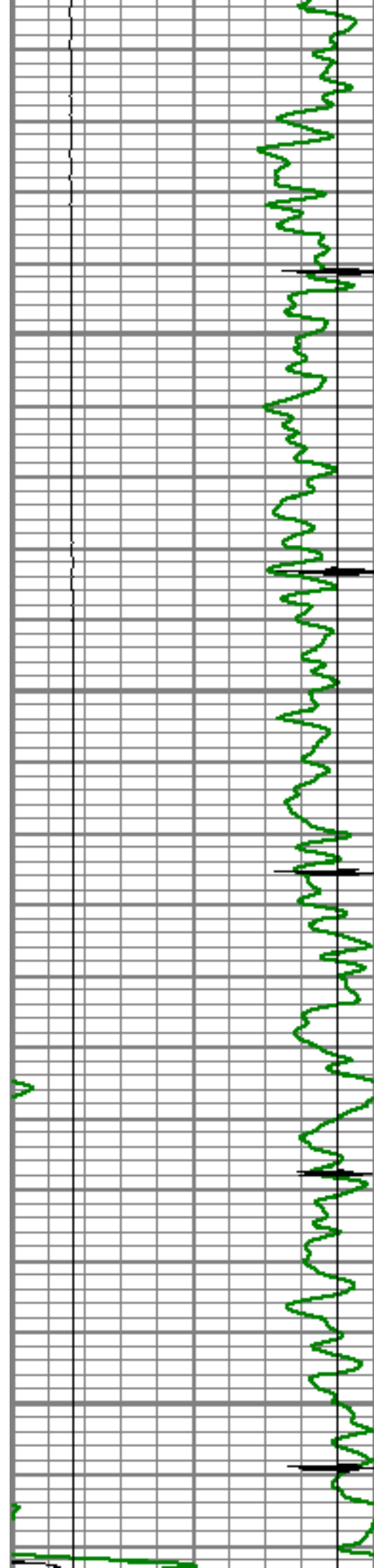
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4950





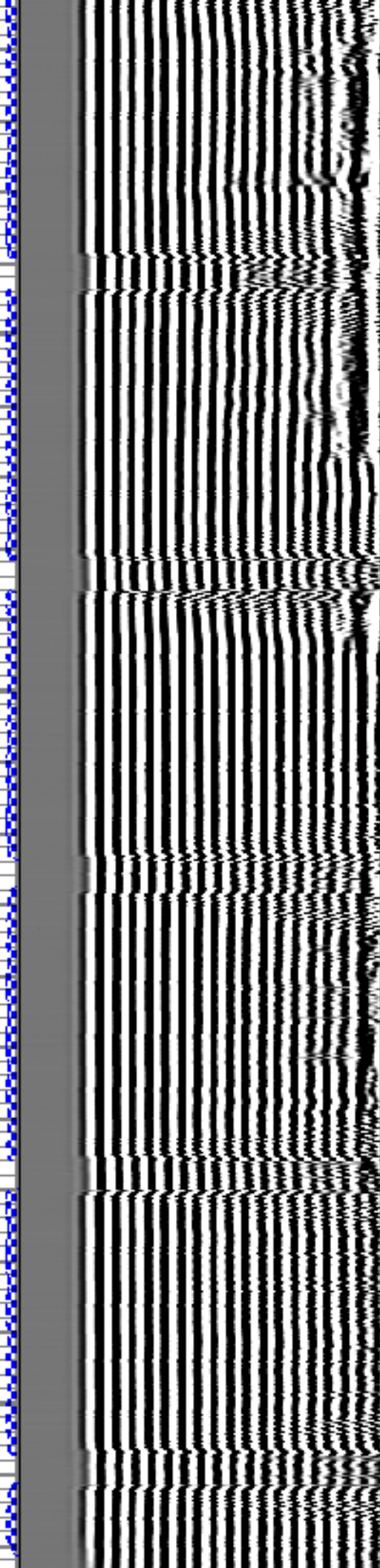
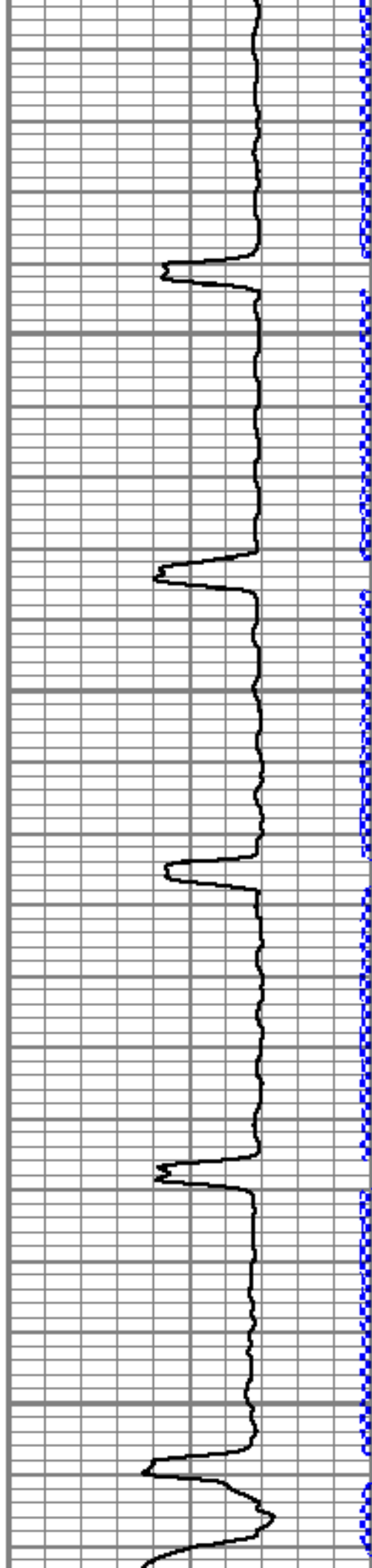


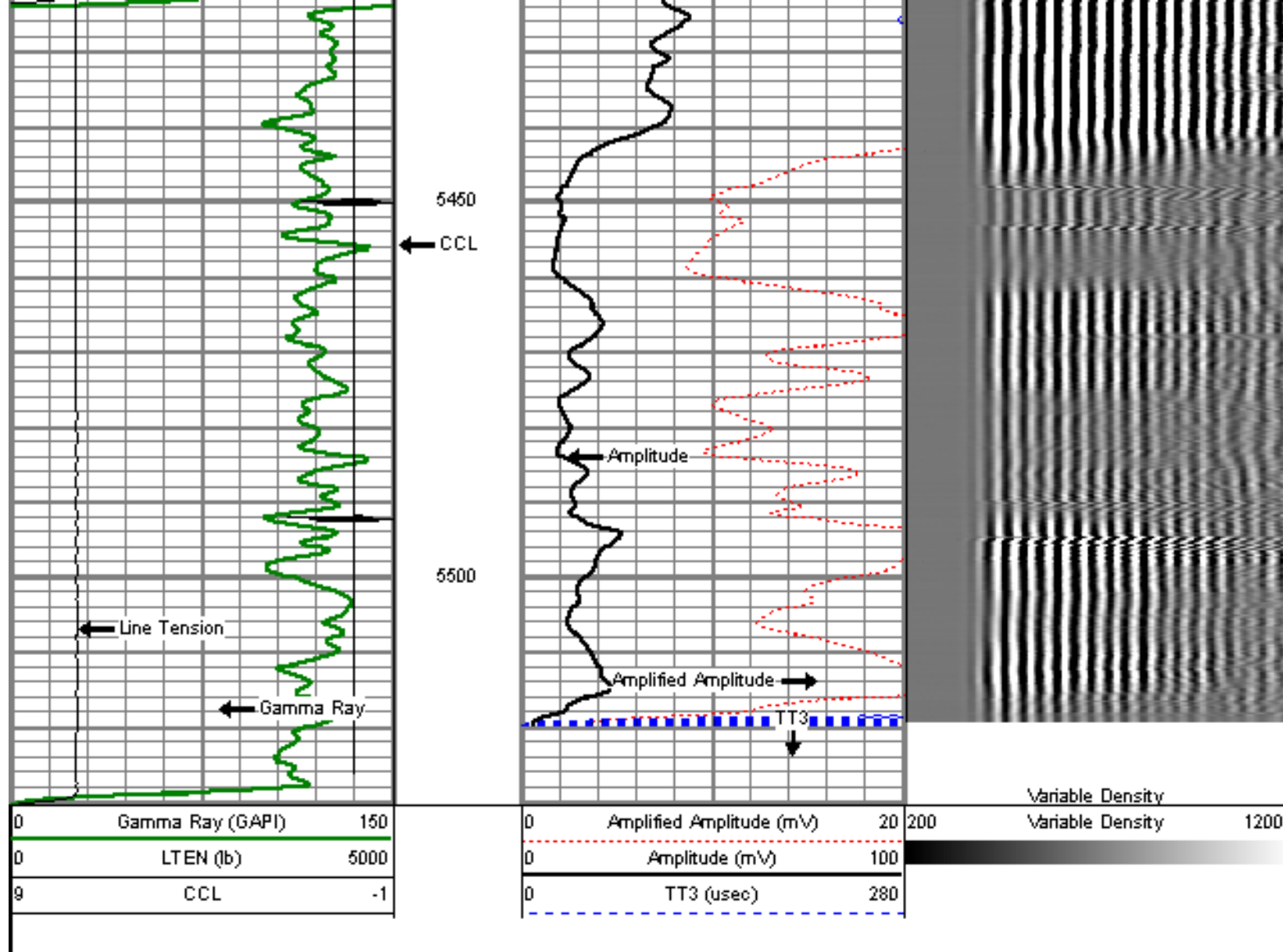
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5350

5400

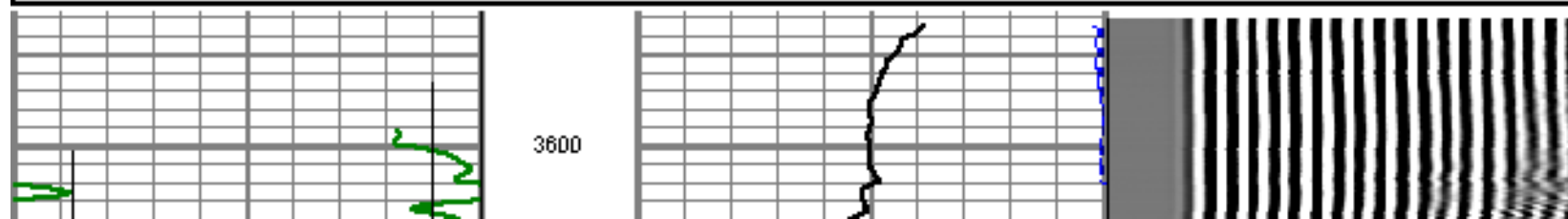
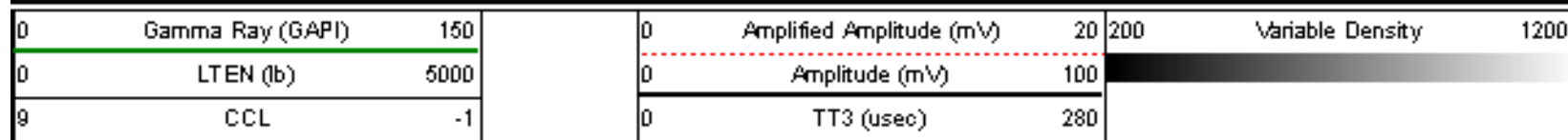


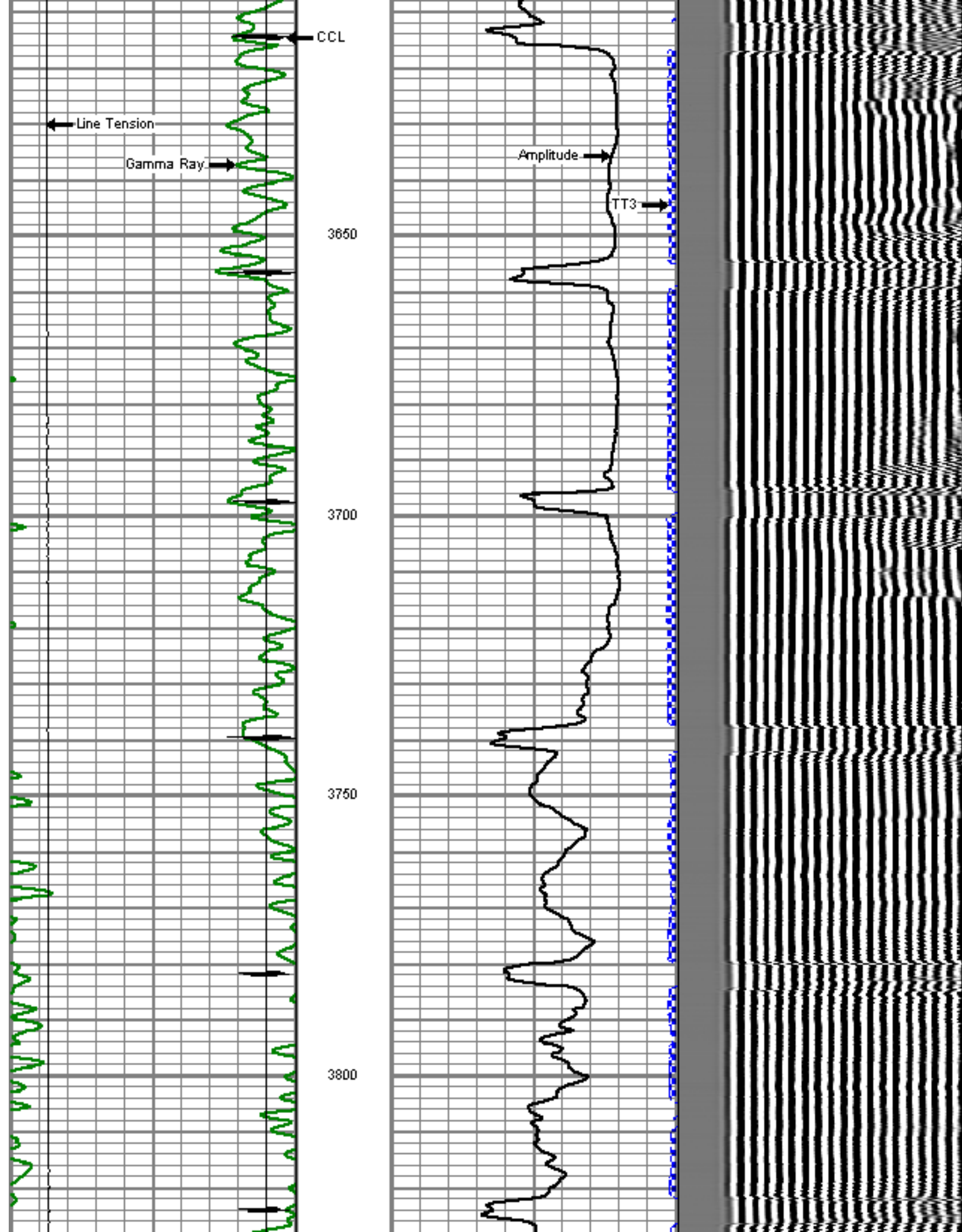


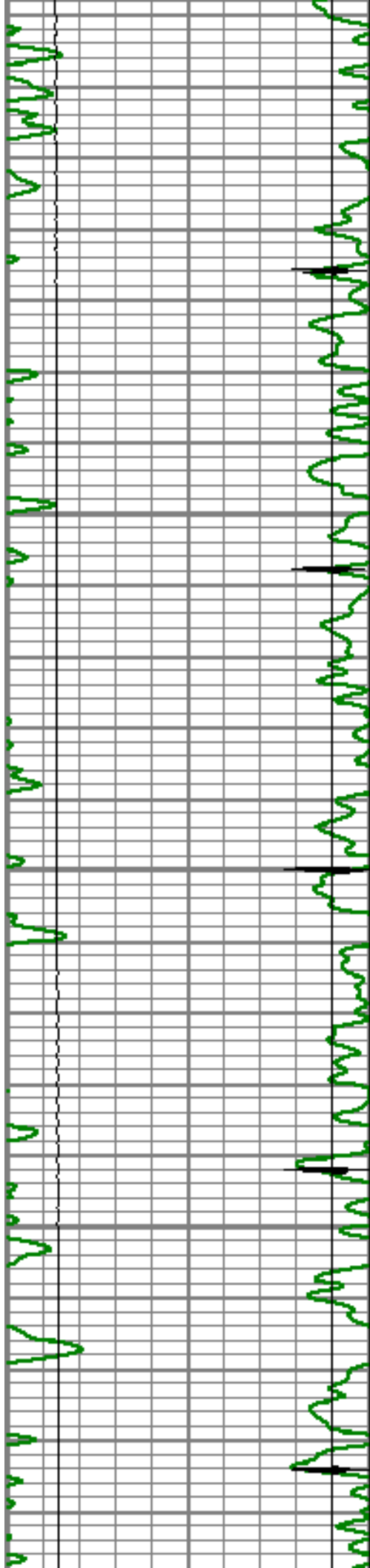
MAIN PASS

5" = 100'

Database File: sullivan 4-6-26.db
 Dataset Pathname: pass6
 Presentation Format: dcbl_prb
 Dataset Creation: Wed Jul 20 13:50:04 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240





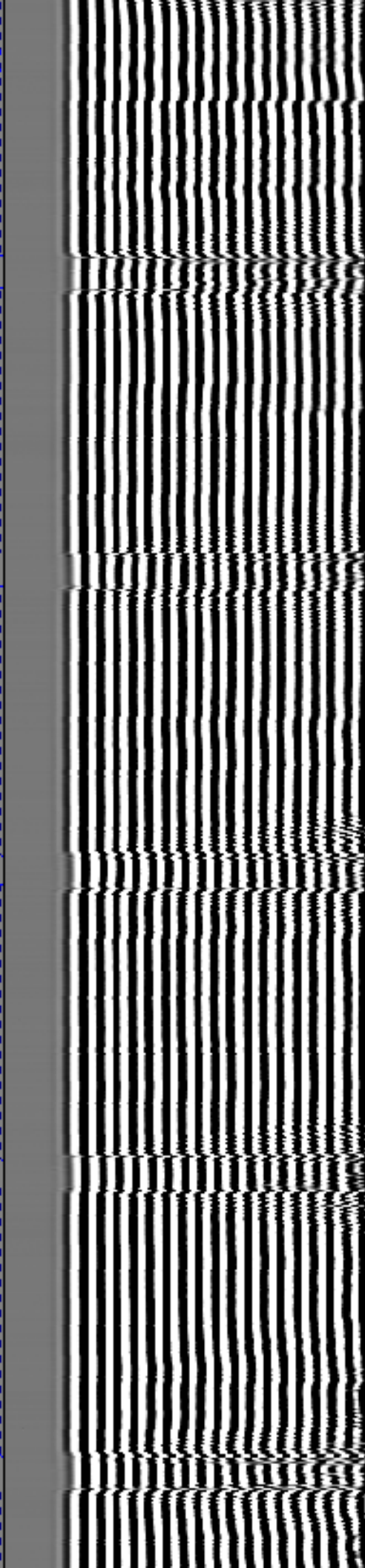
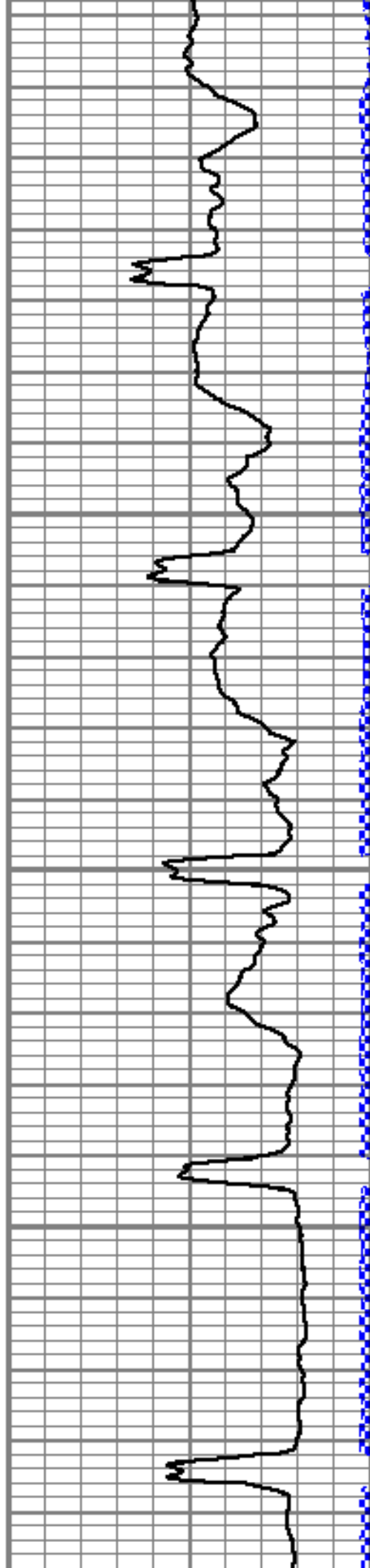


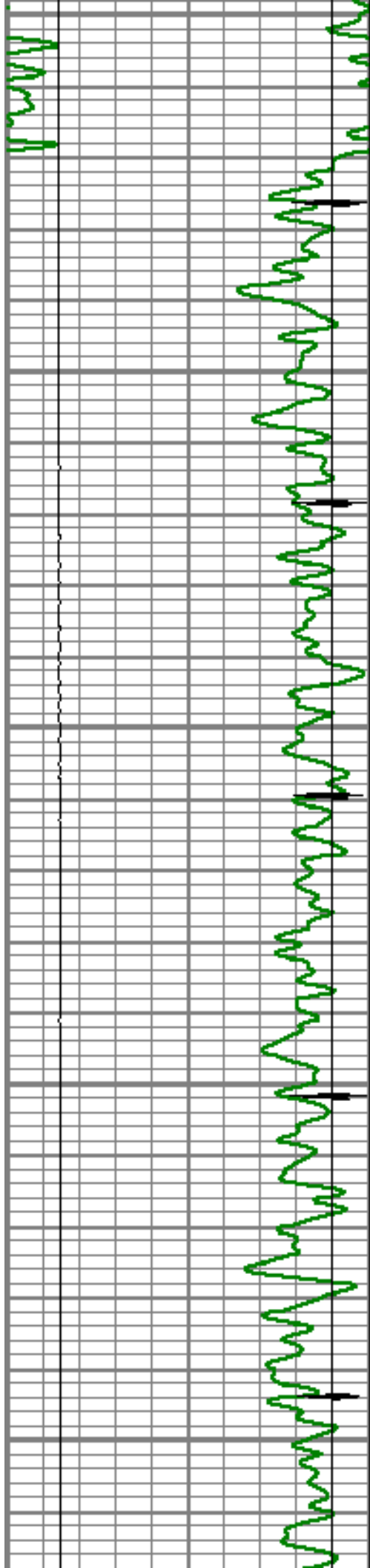
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3950

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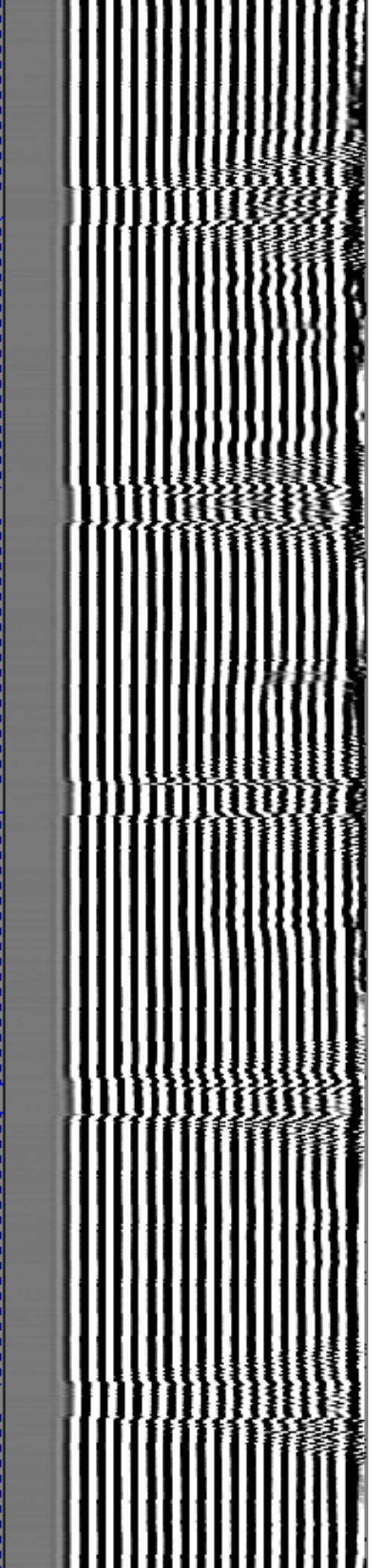
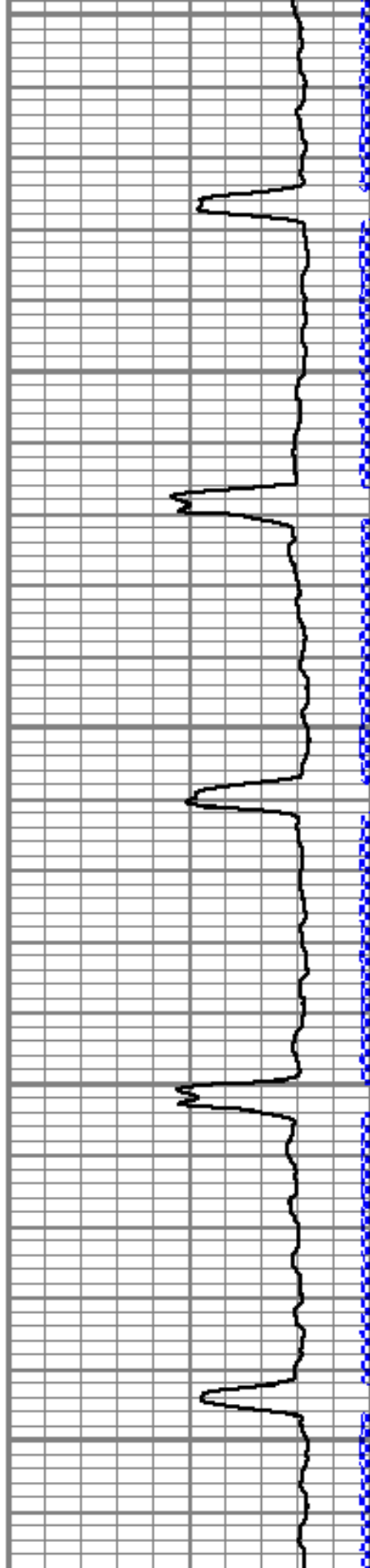
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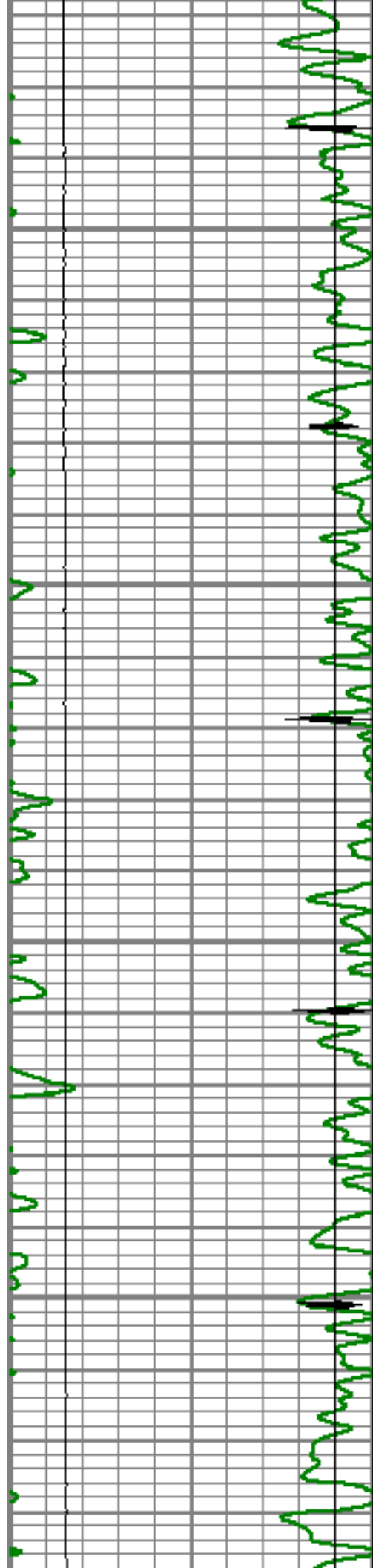
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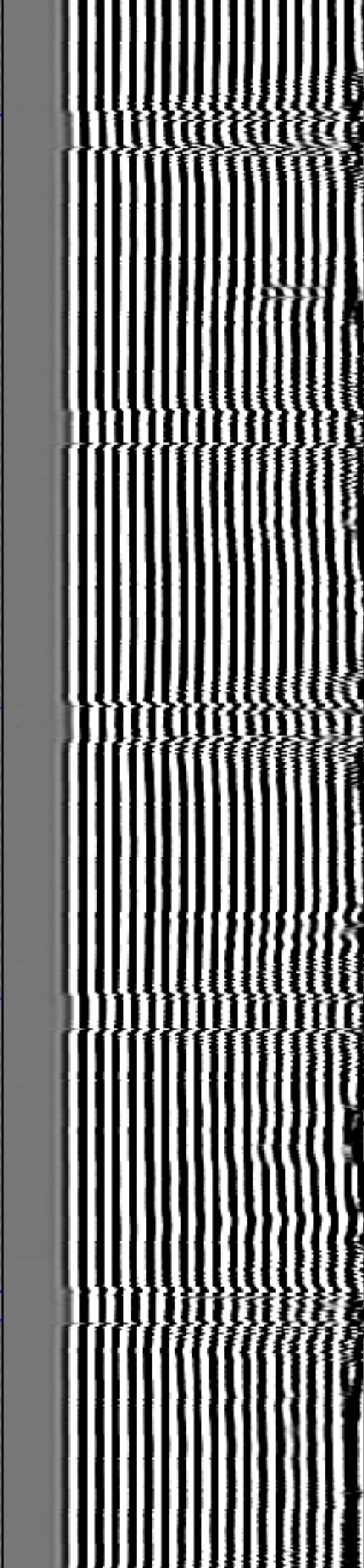
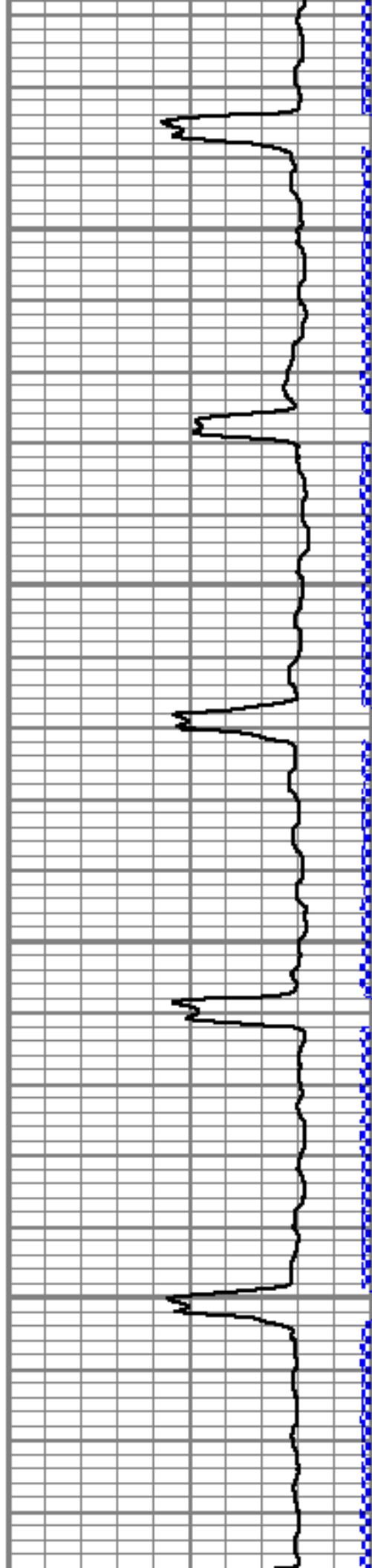


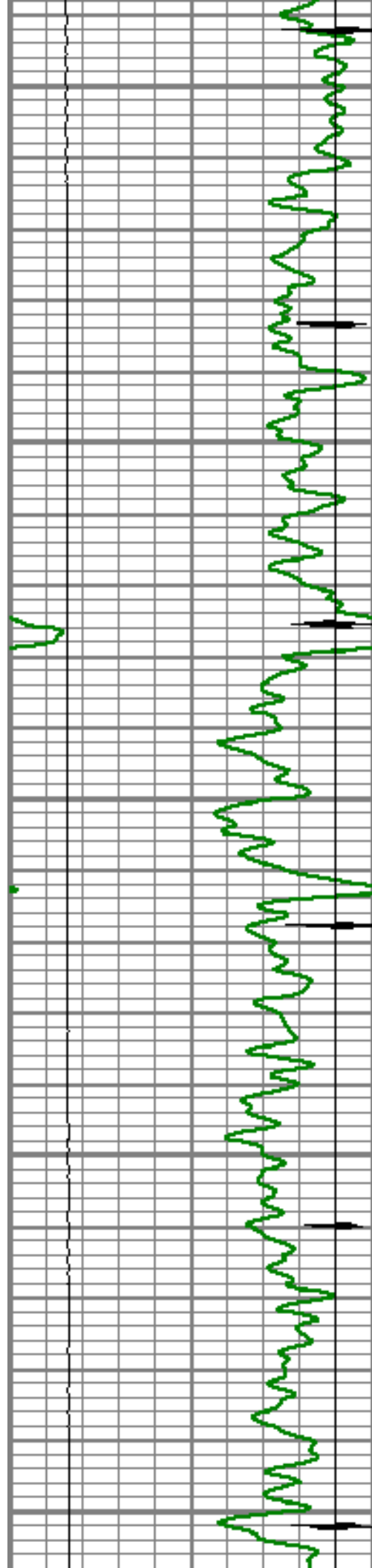
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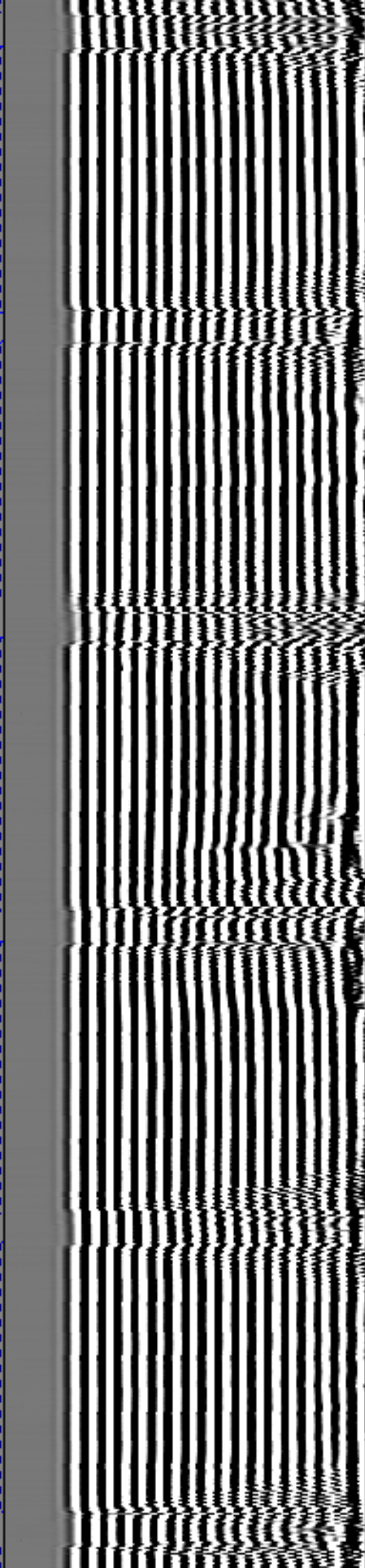
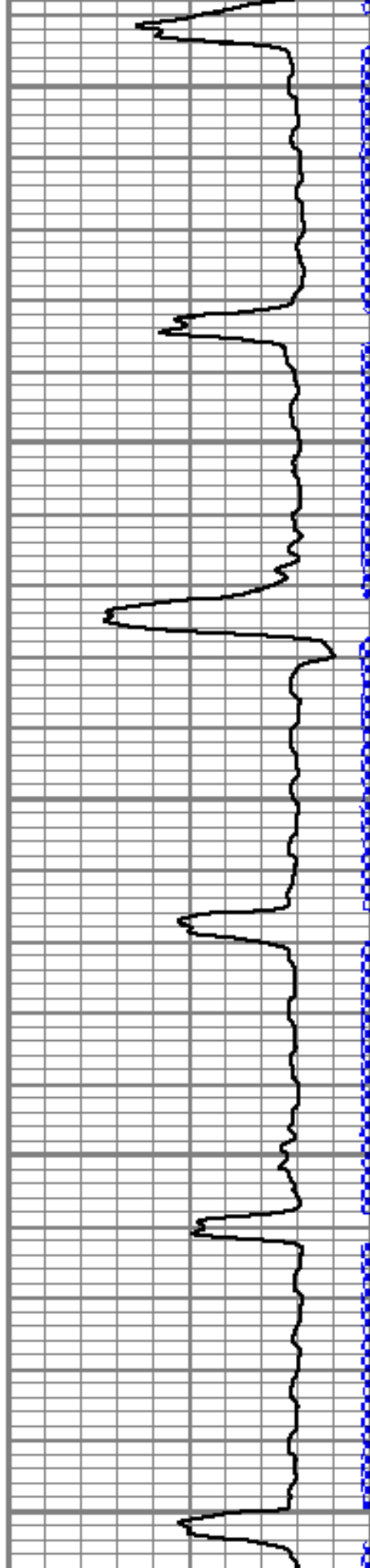
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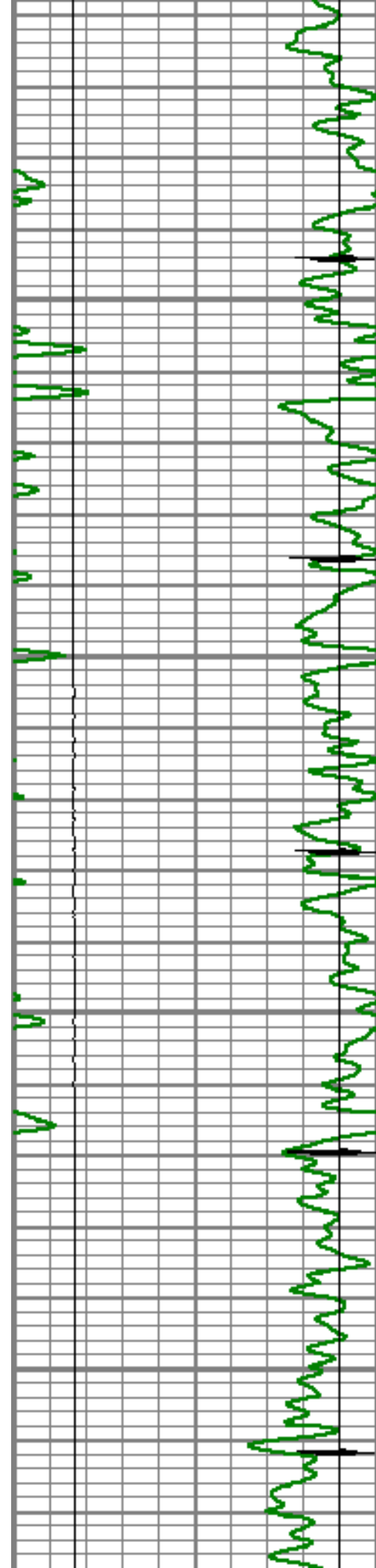
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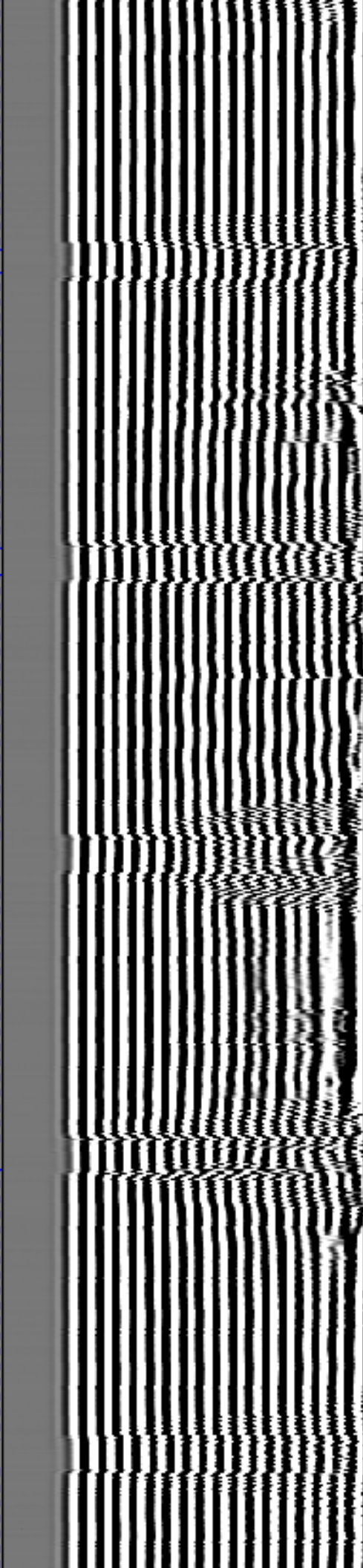
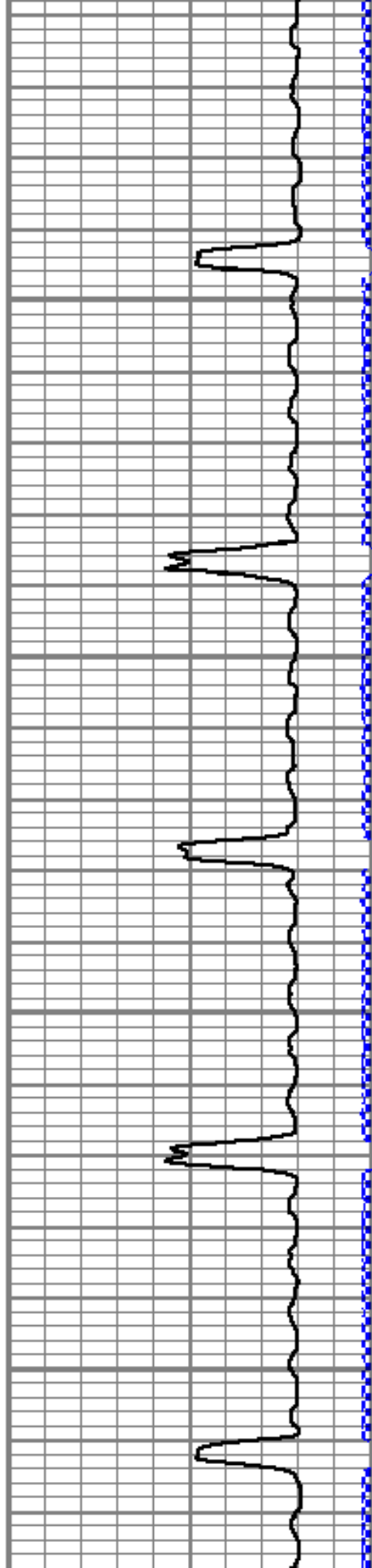


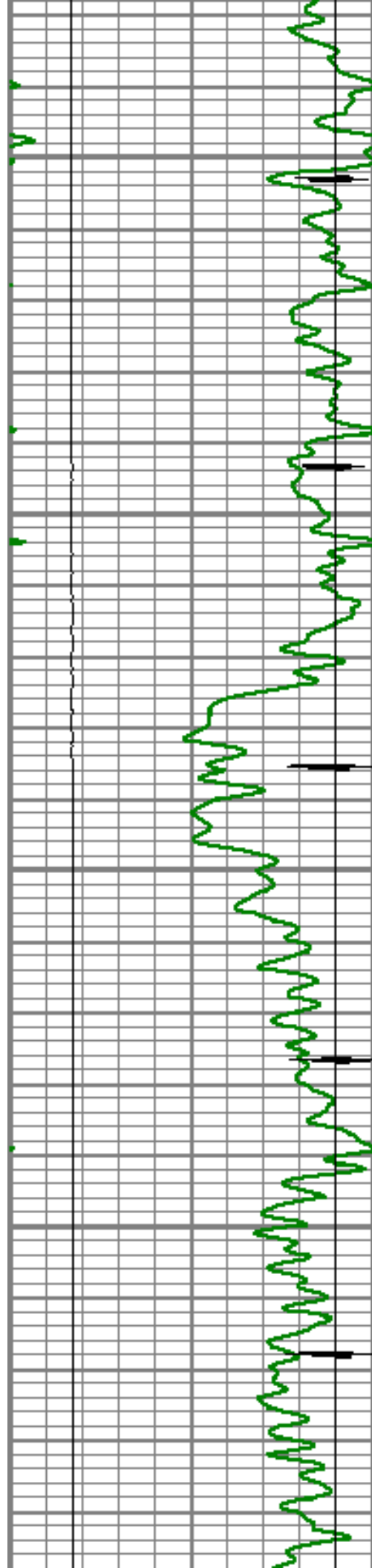
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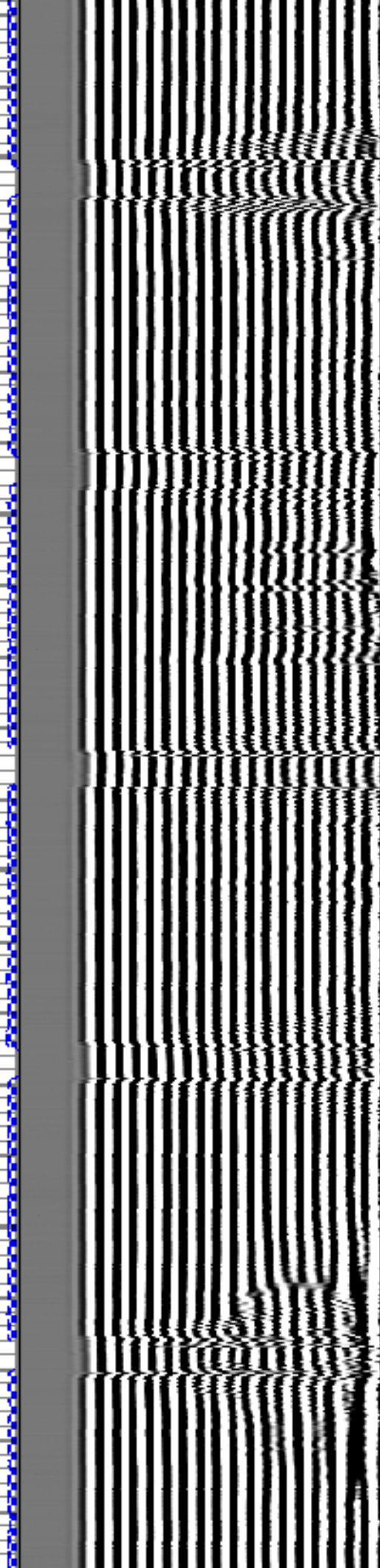
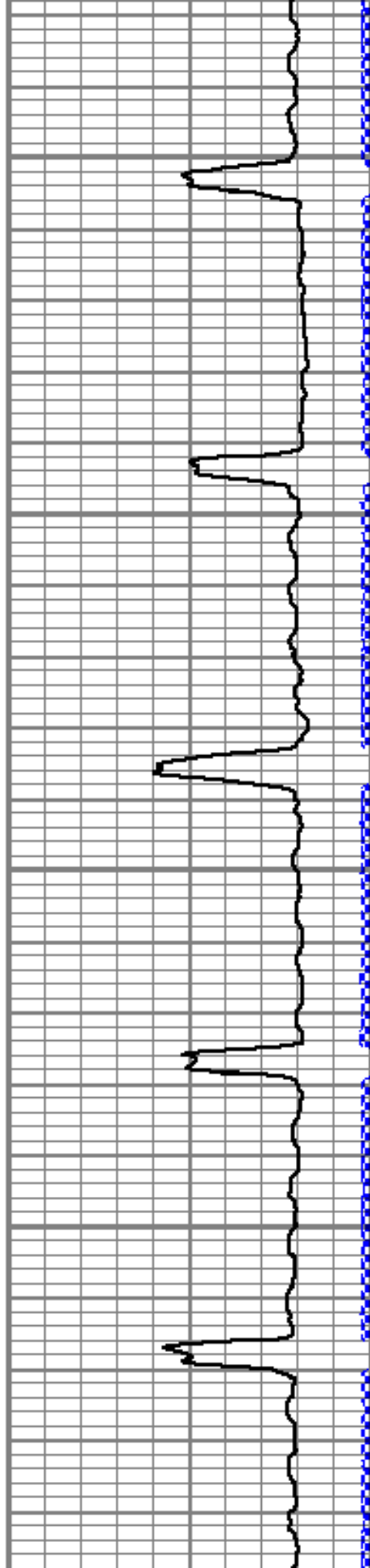


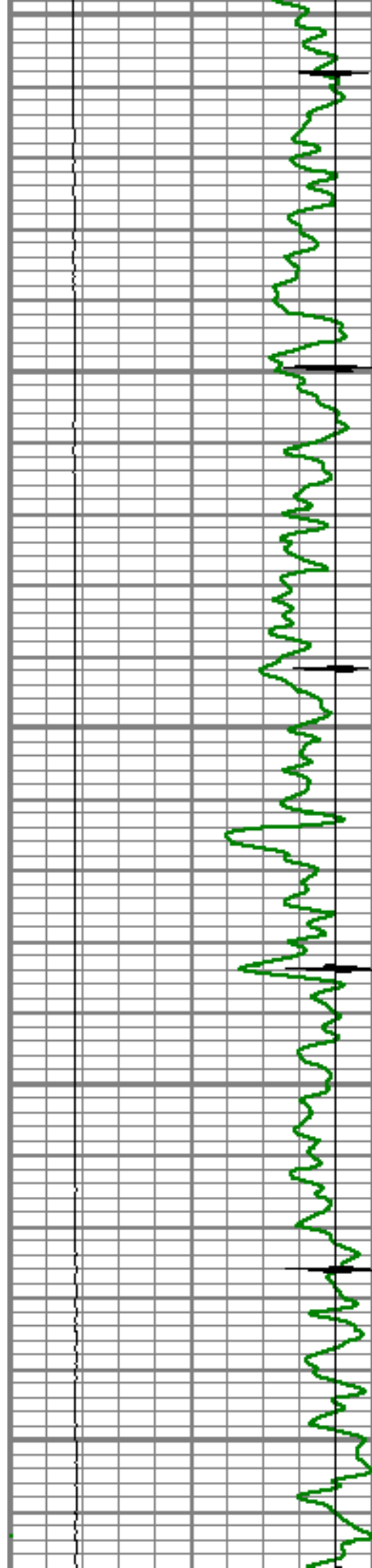
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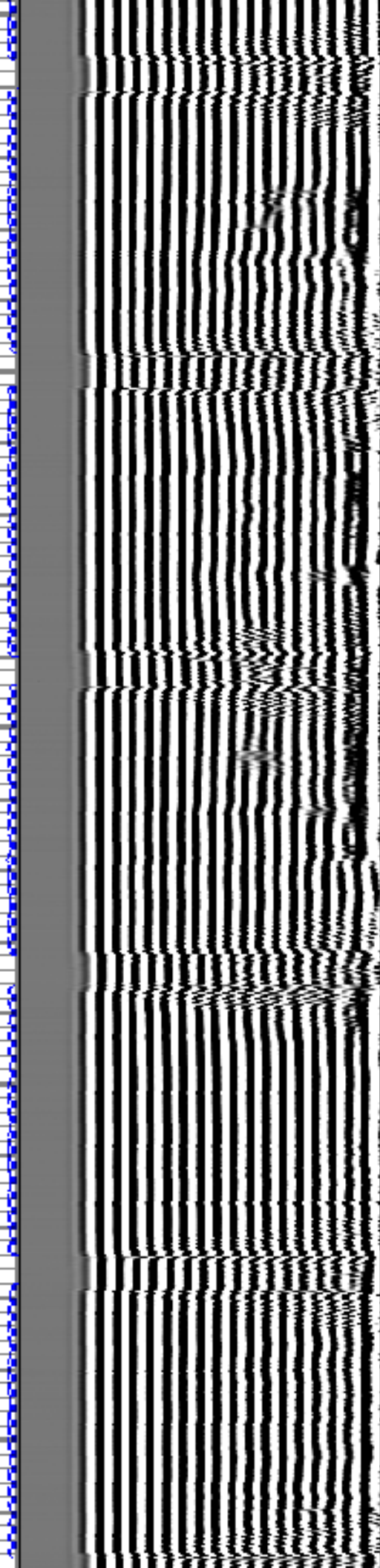
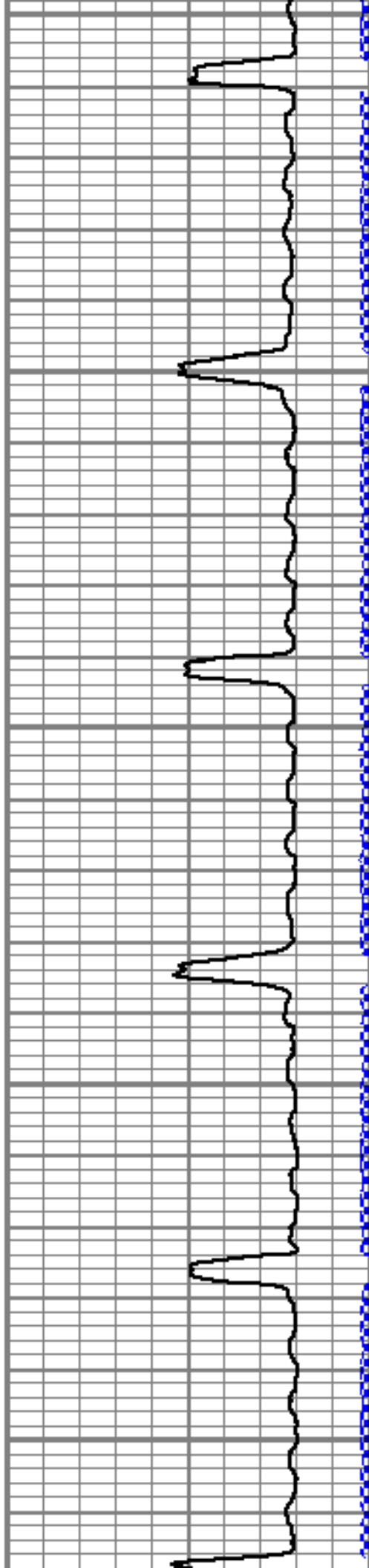
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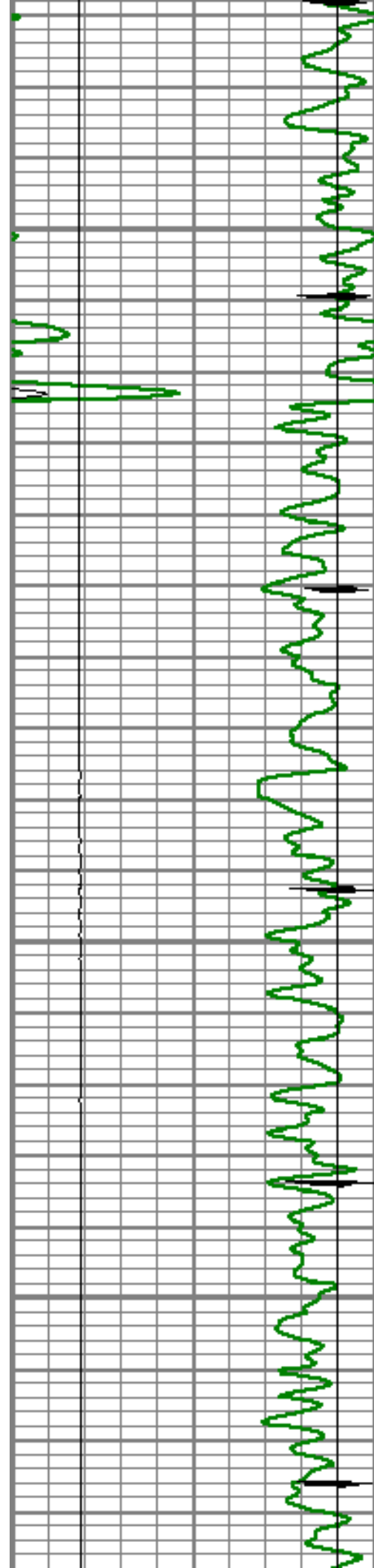
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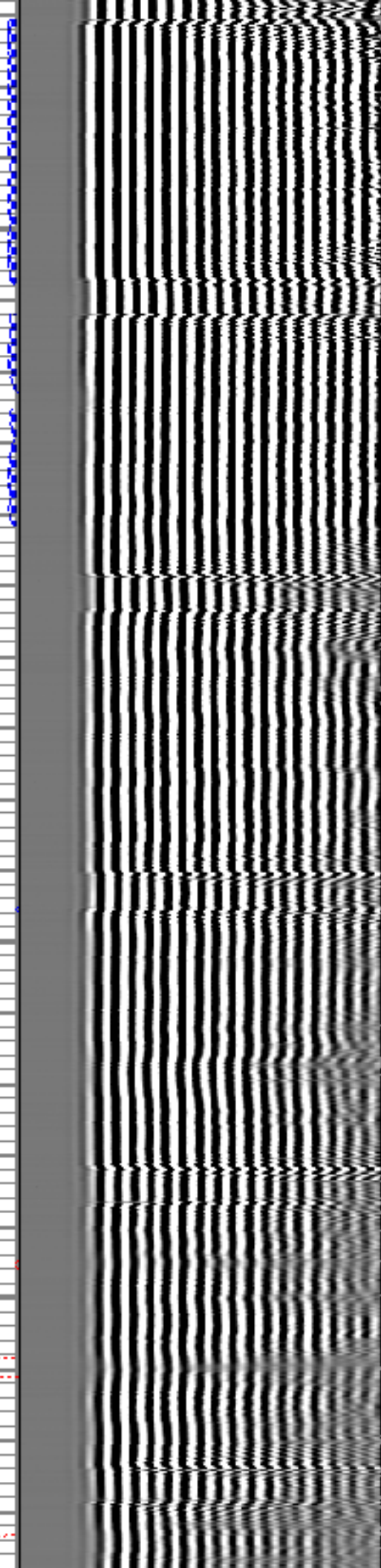
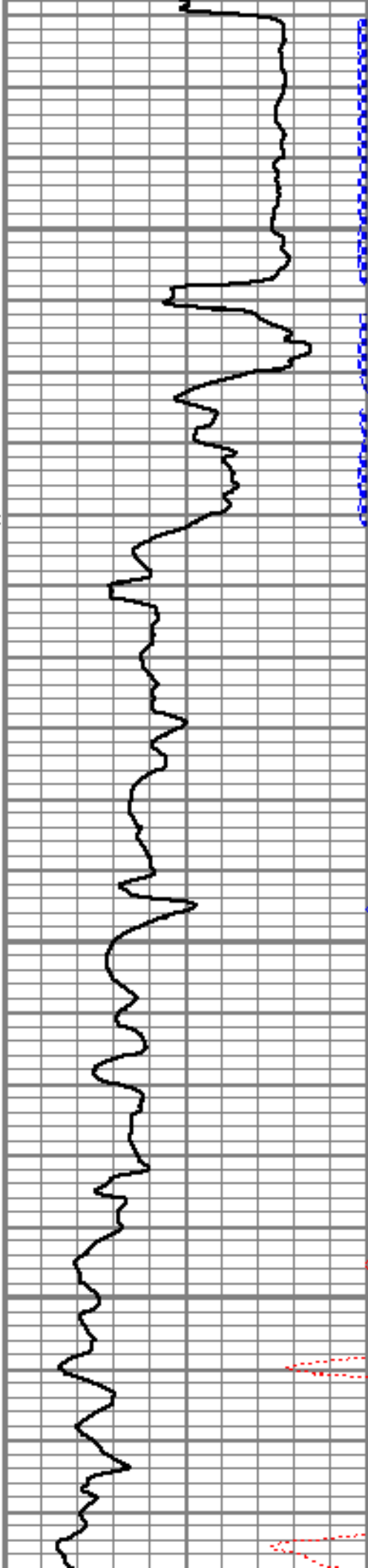
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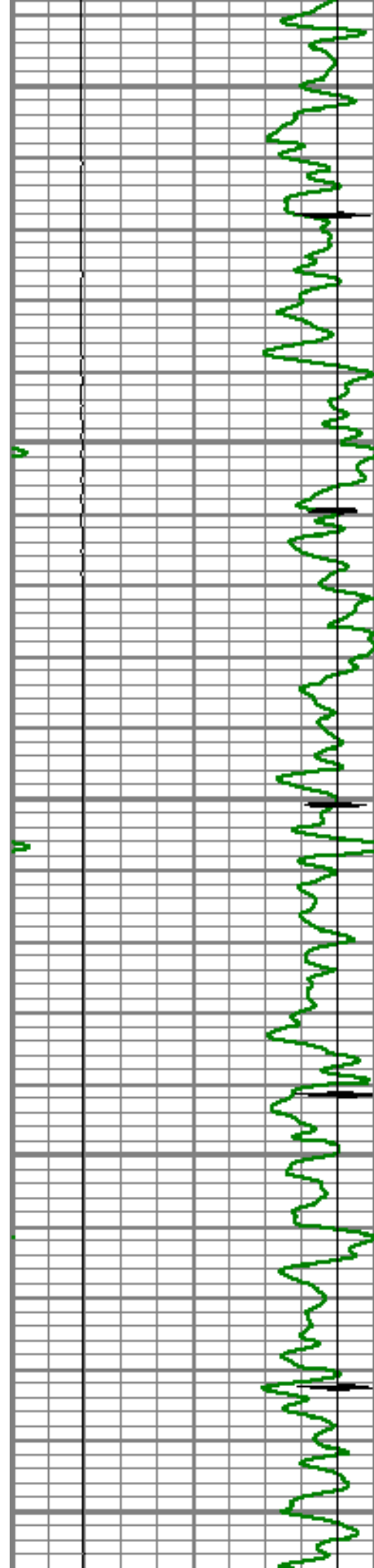
Top of Cement

5450

5500

5550





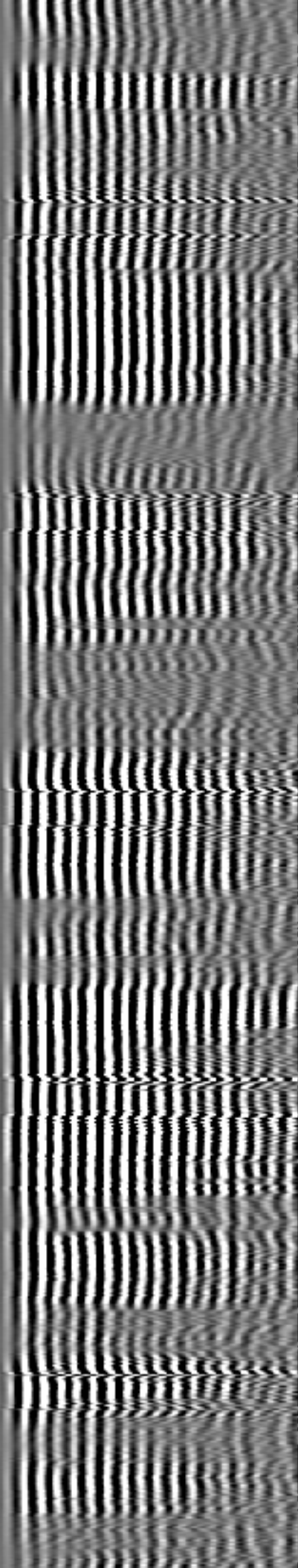
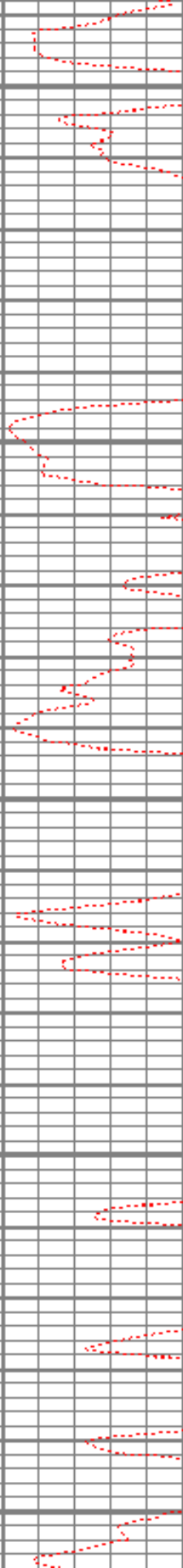
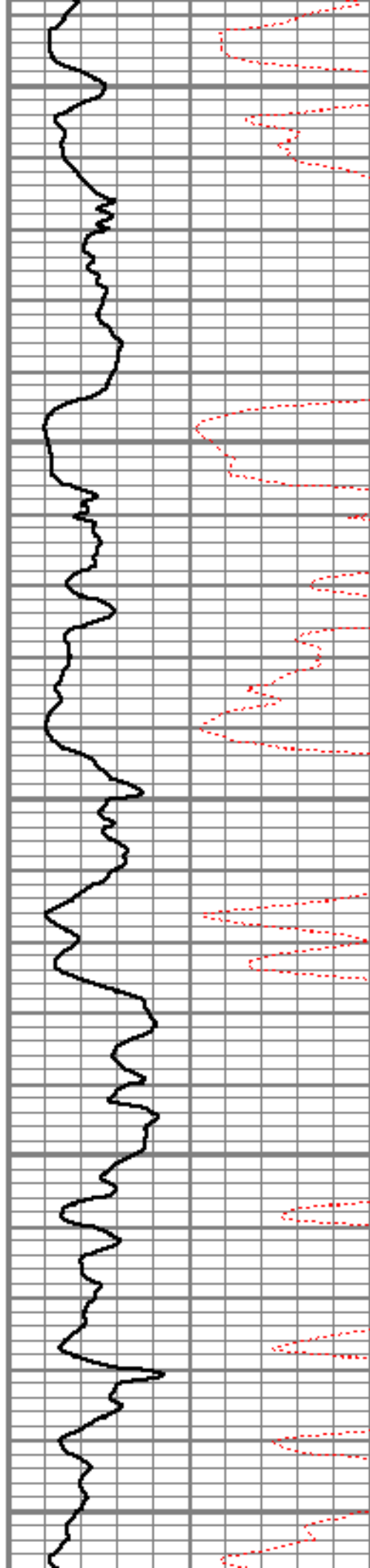
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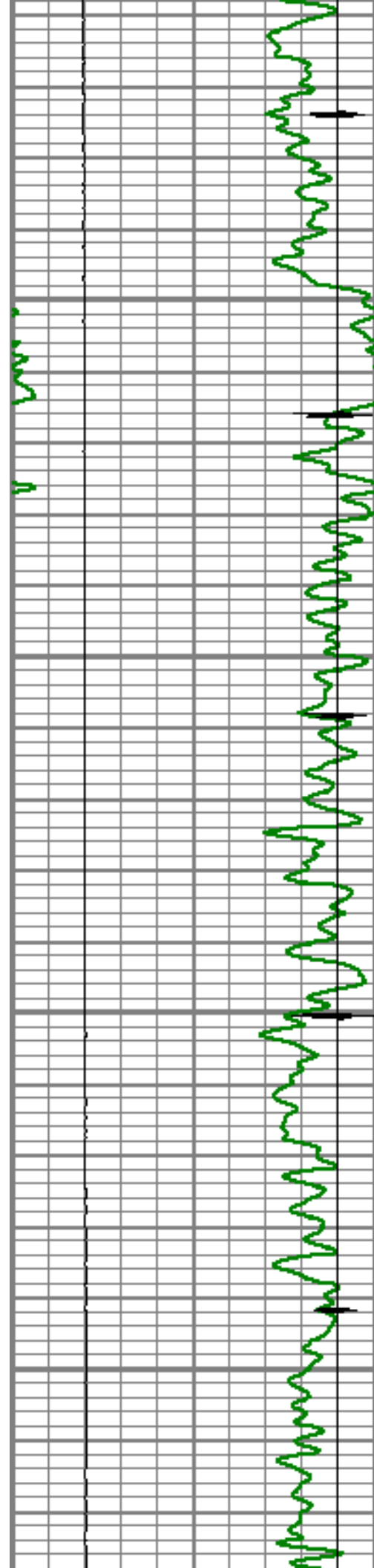
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5700

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5800



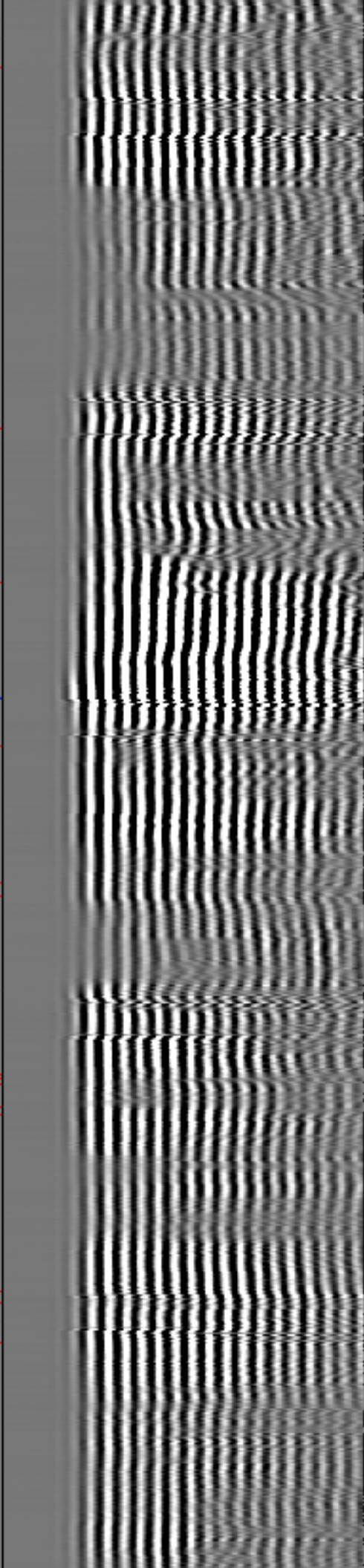
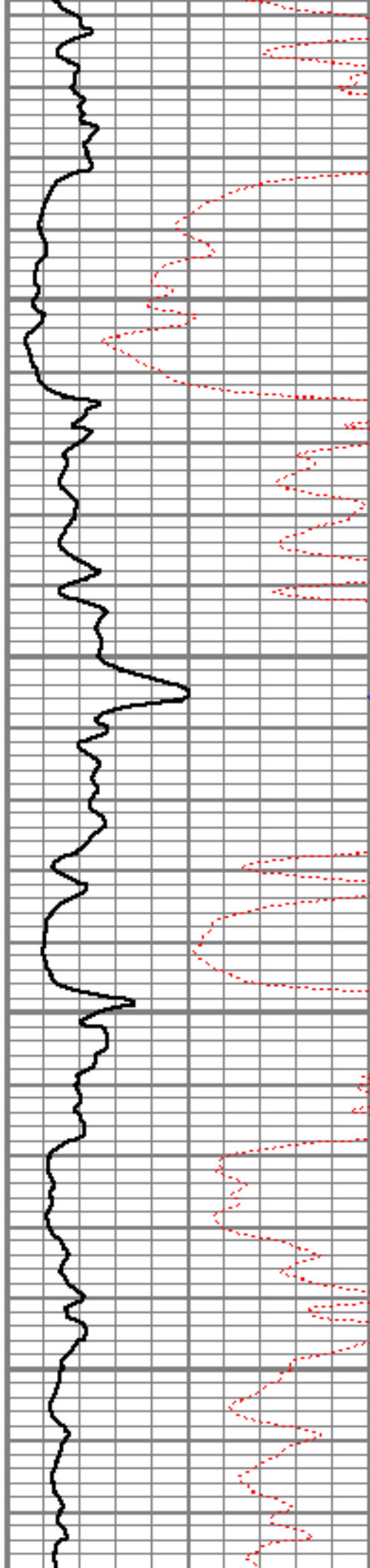


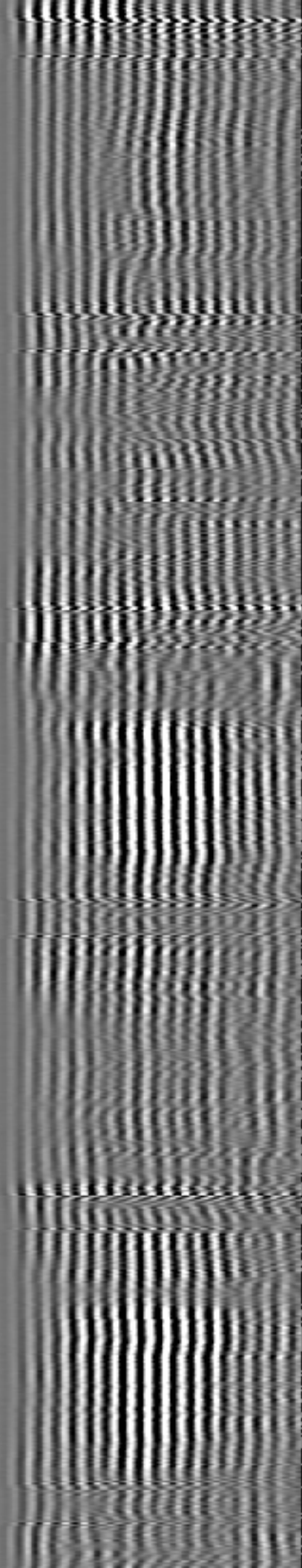
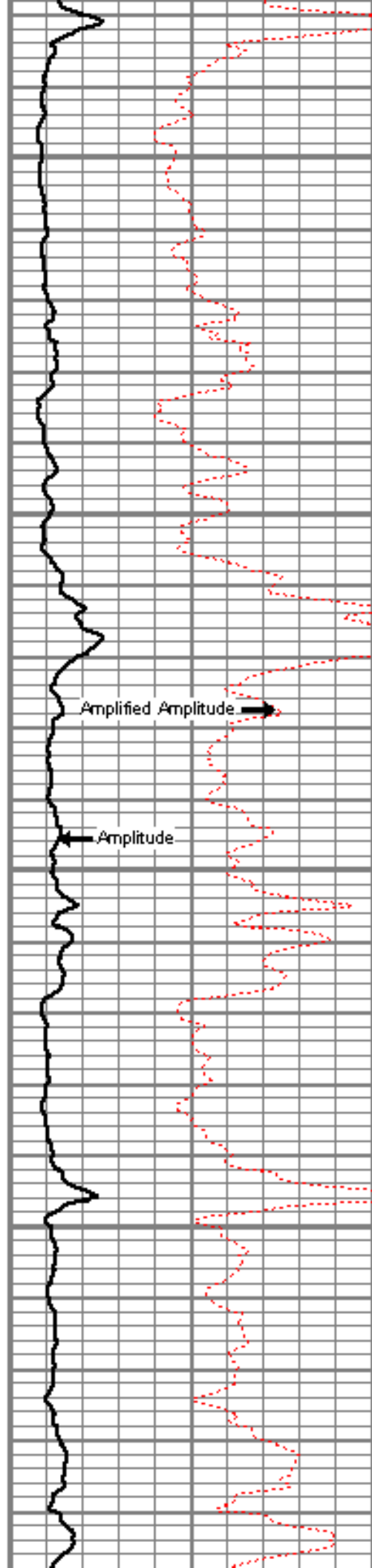
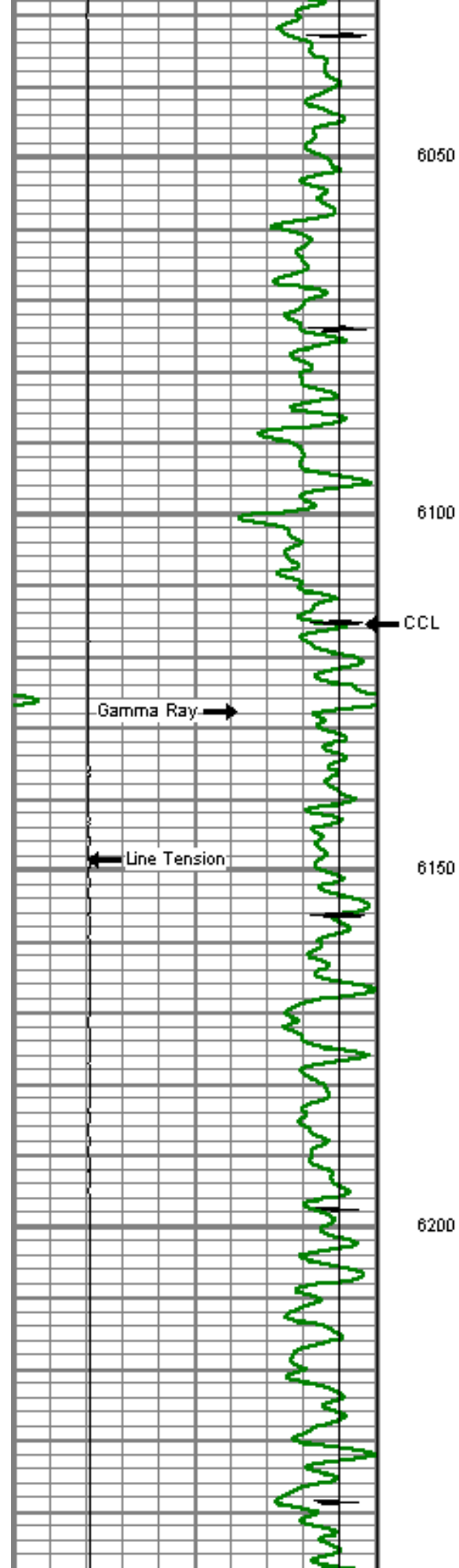
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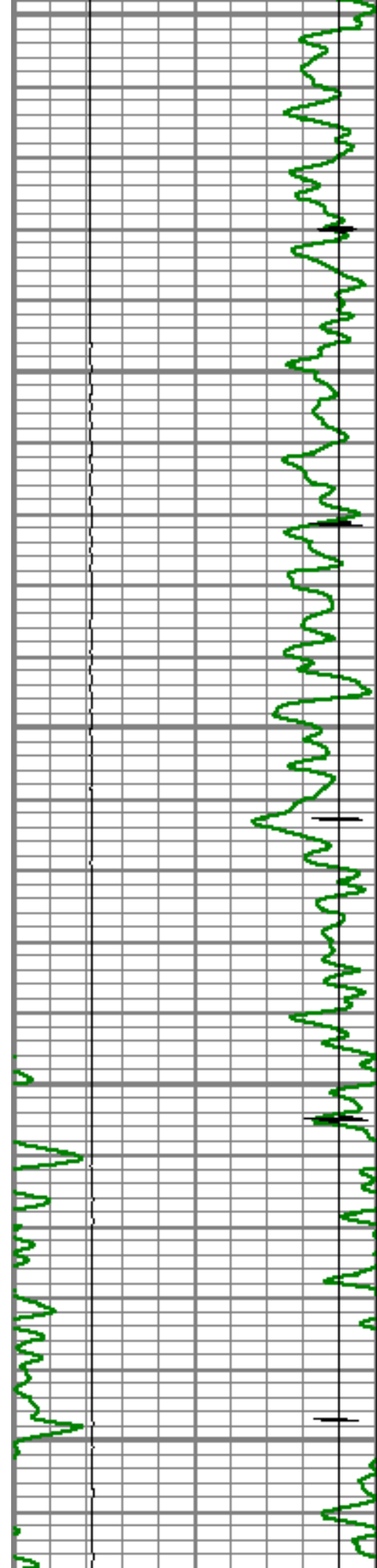
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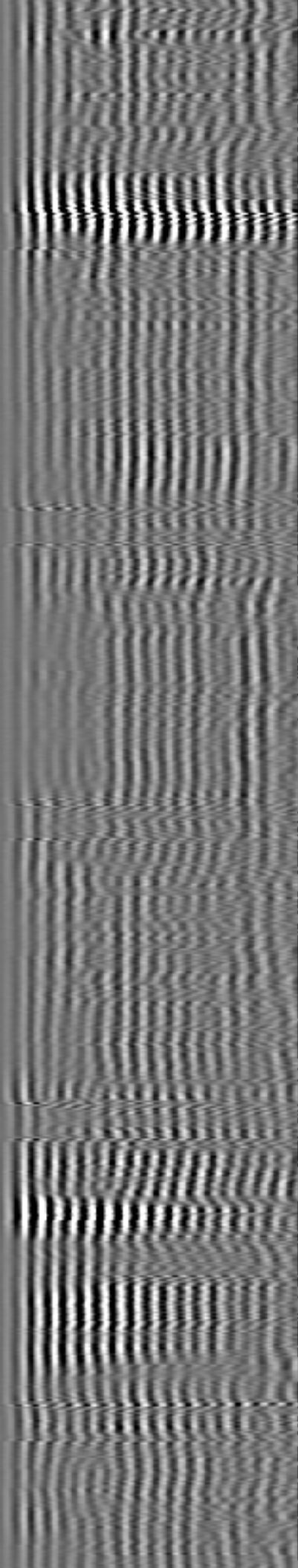
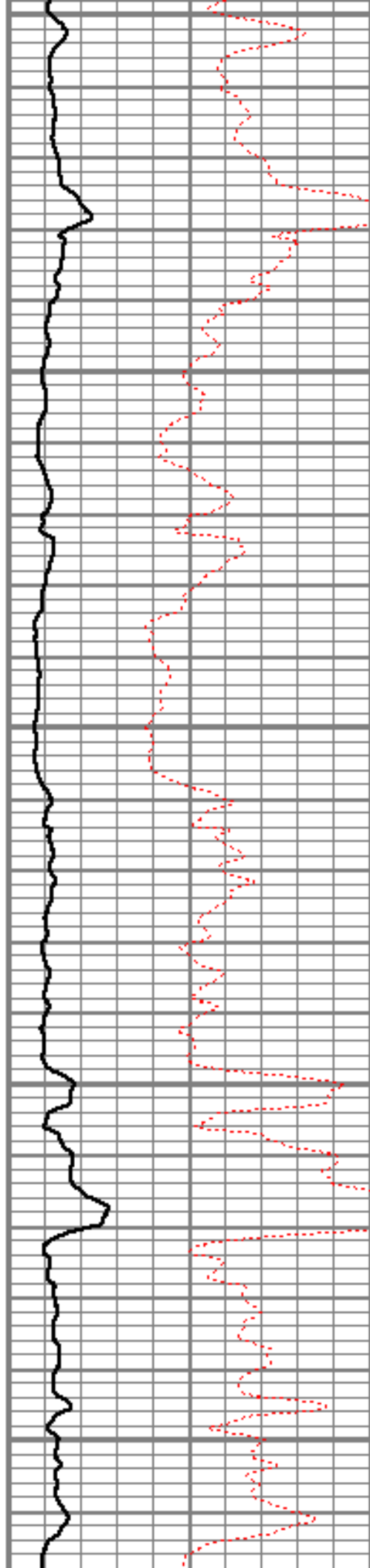
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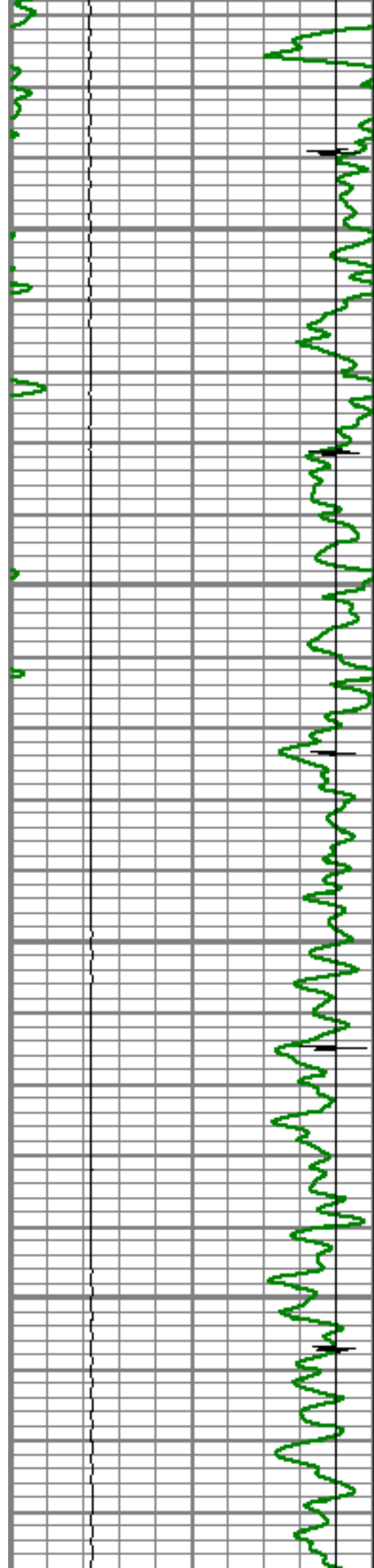
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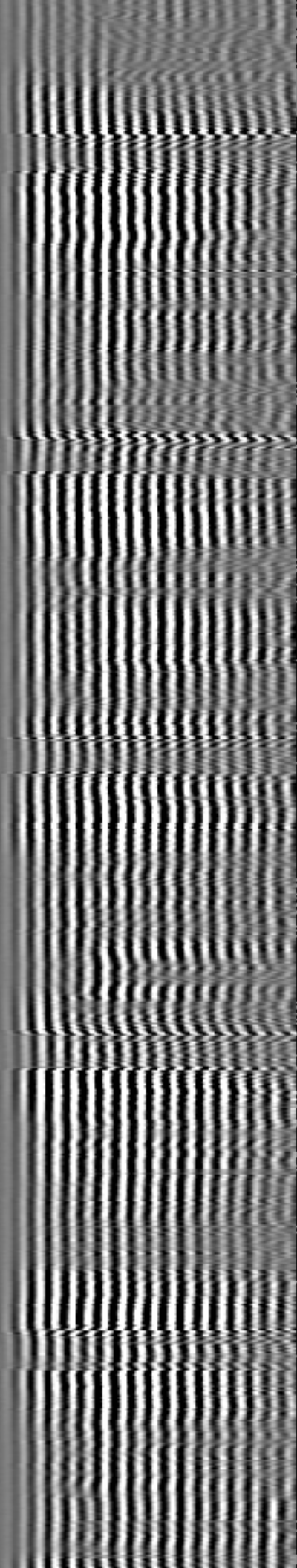
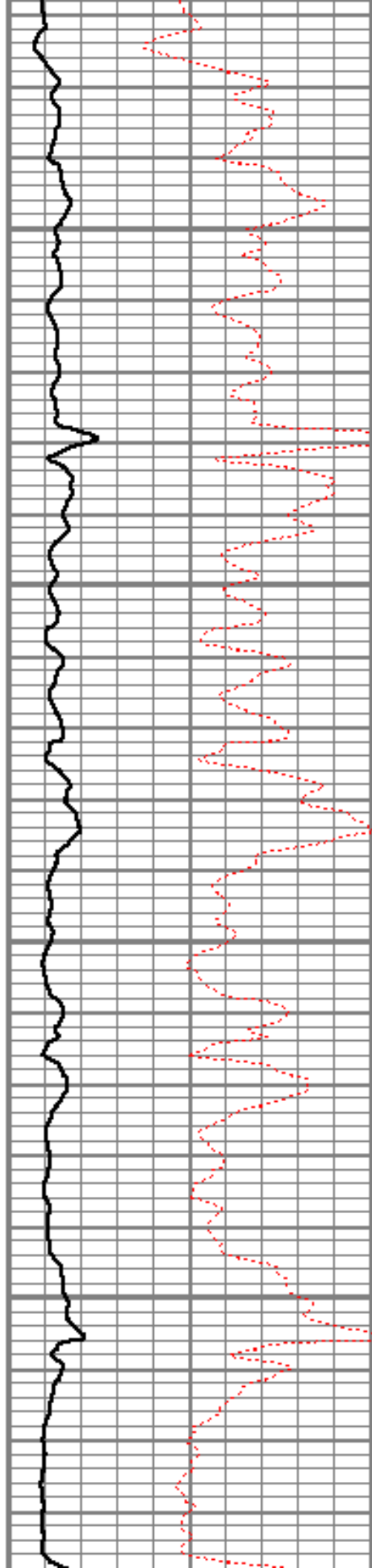


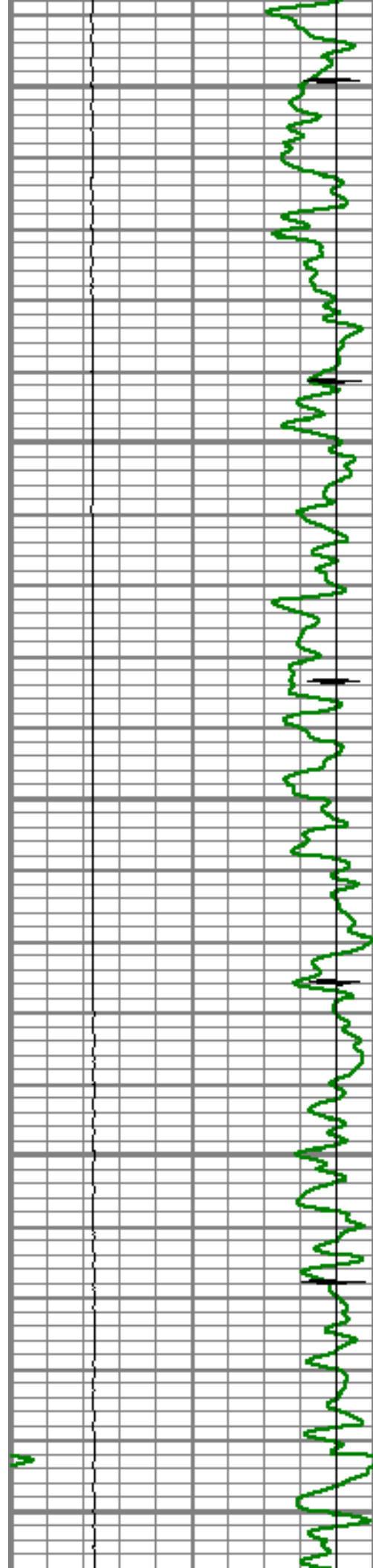
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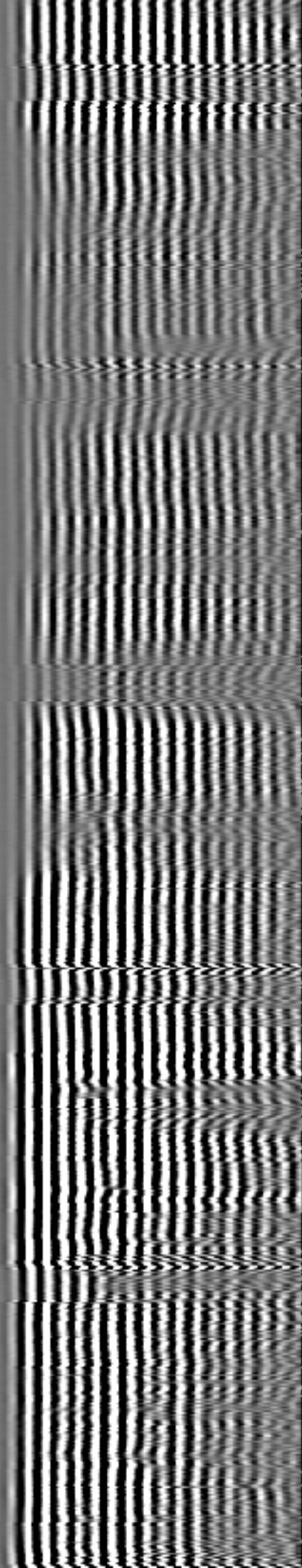
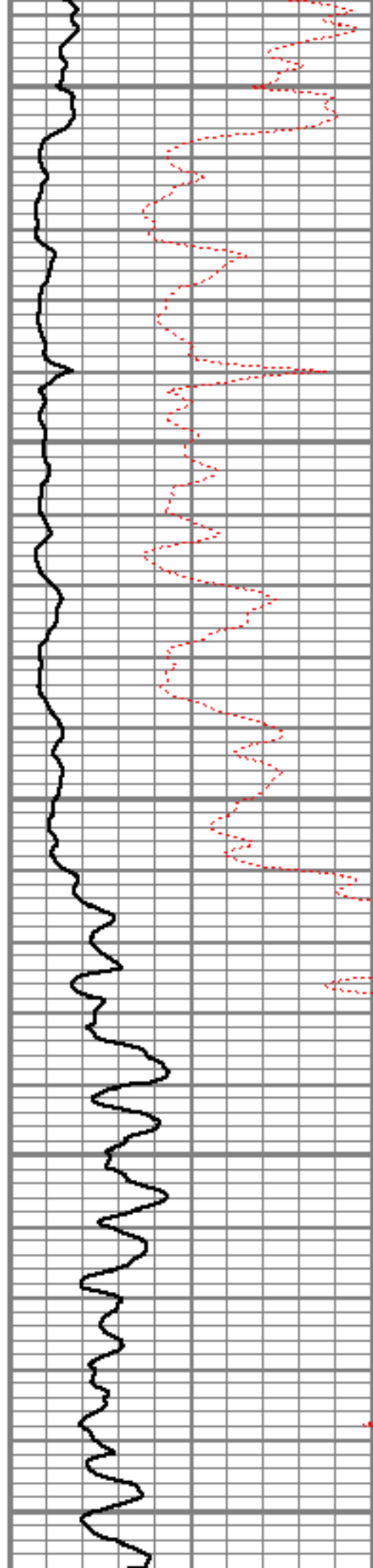
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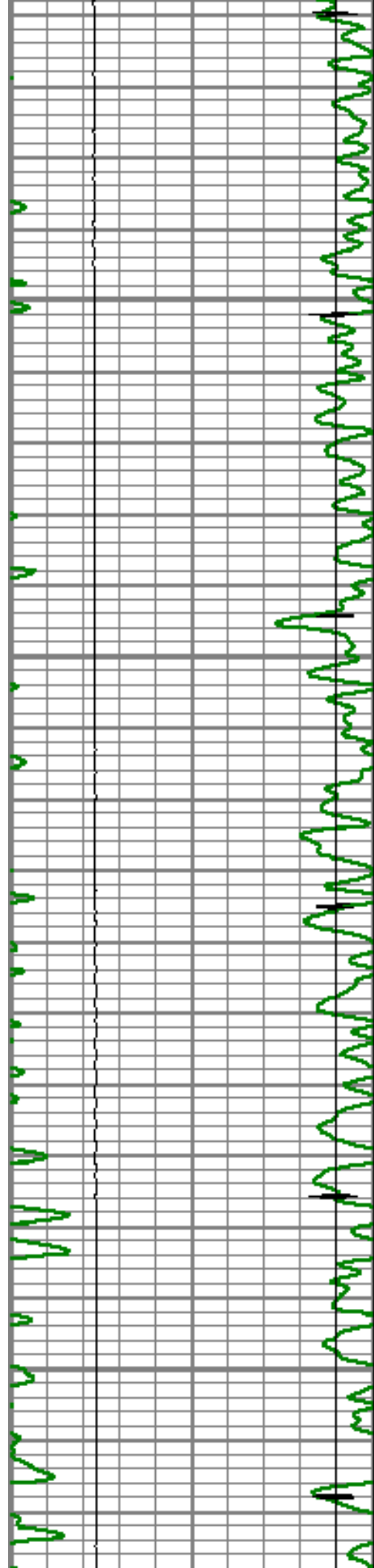
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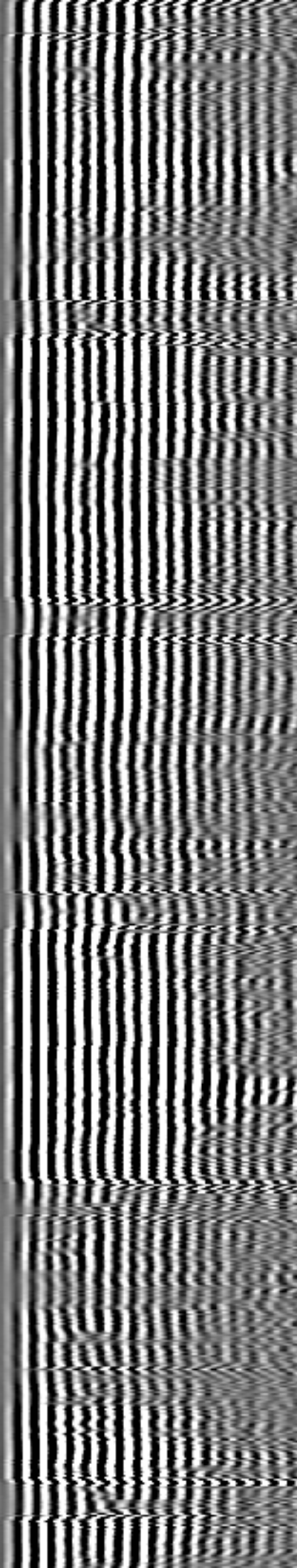
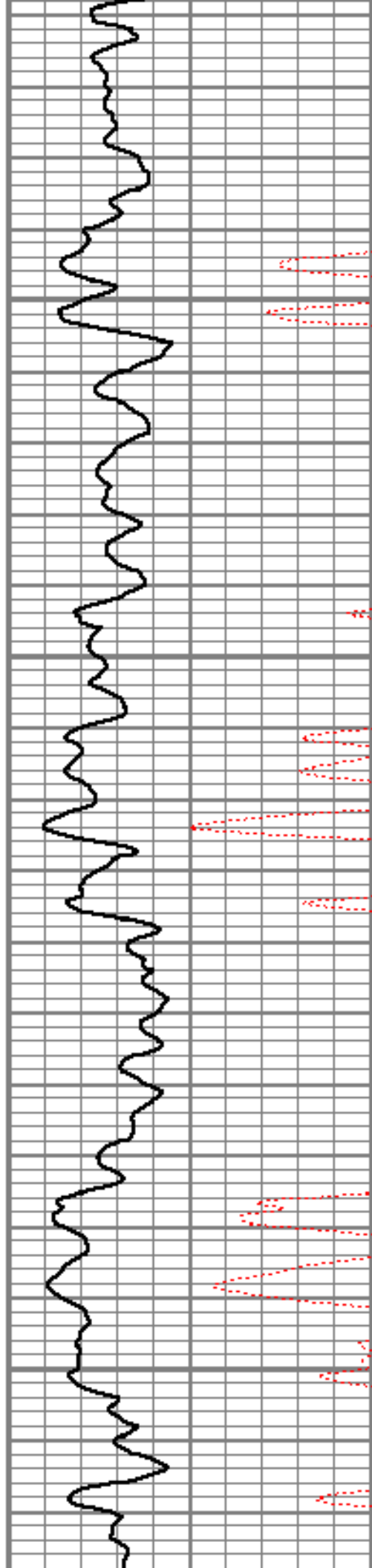


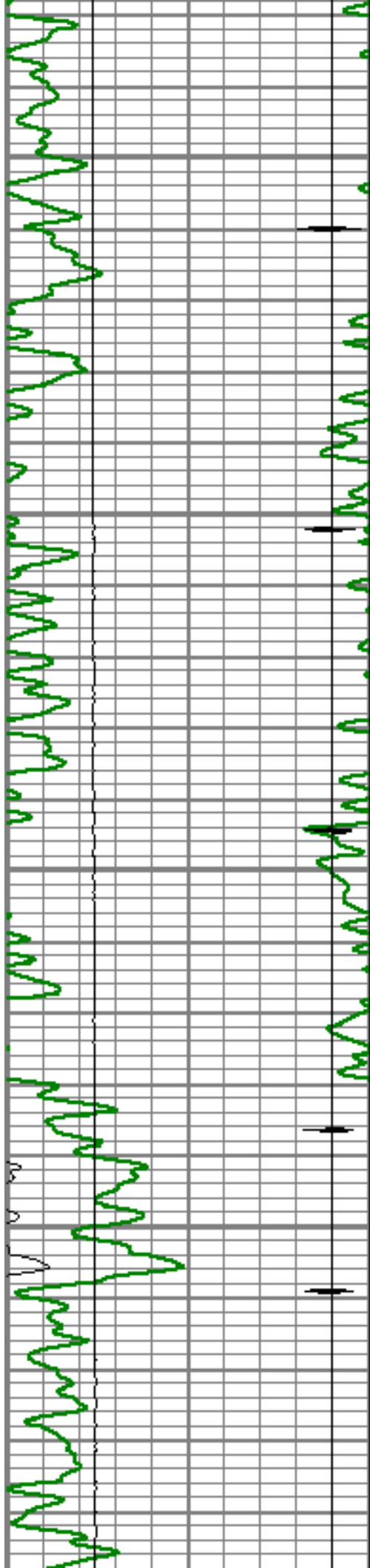
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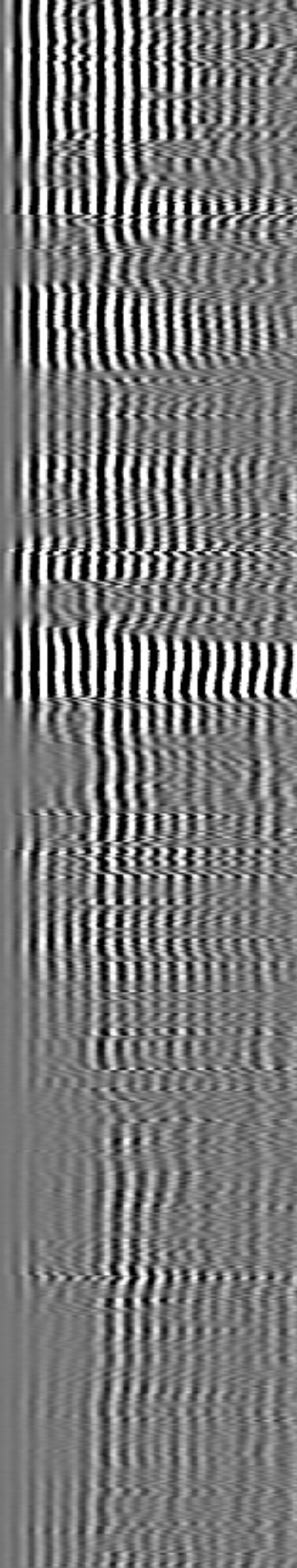
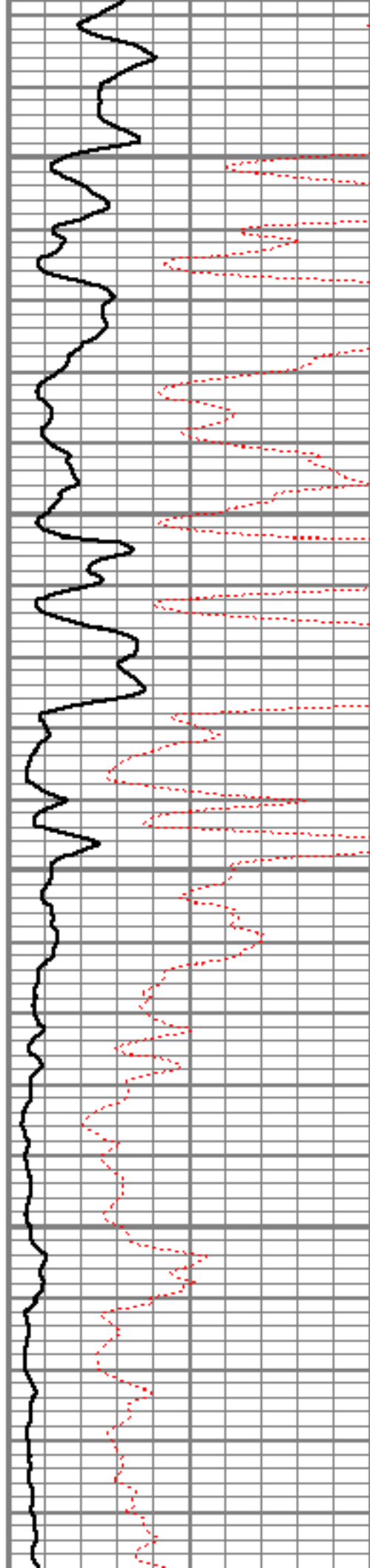
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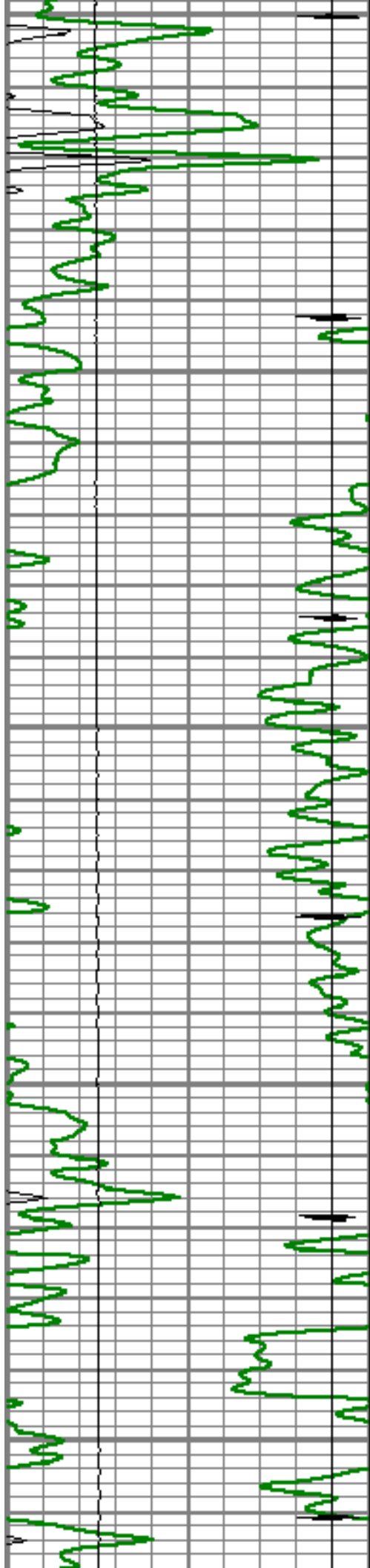
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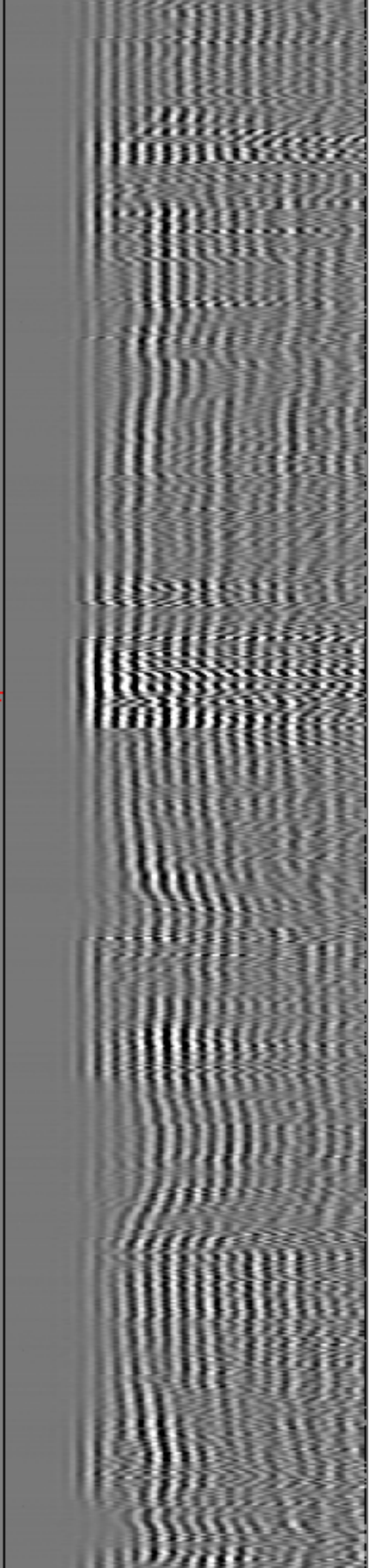
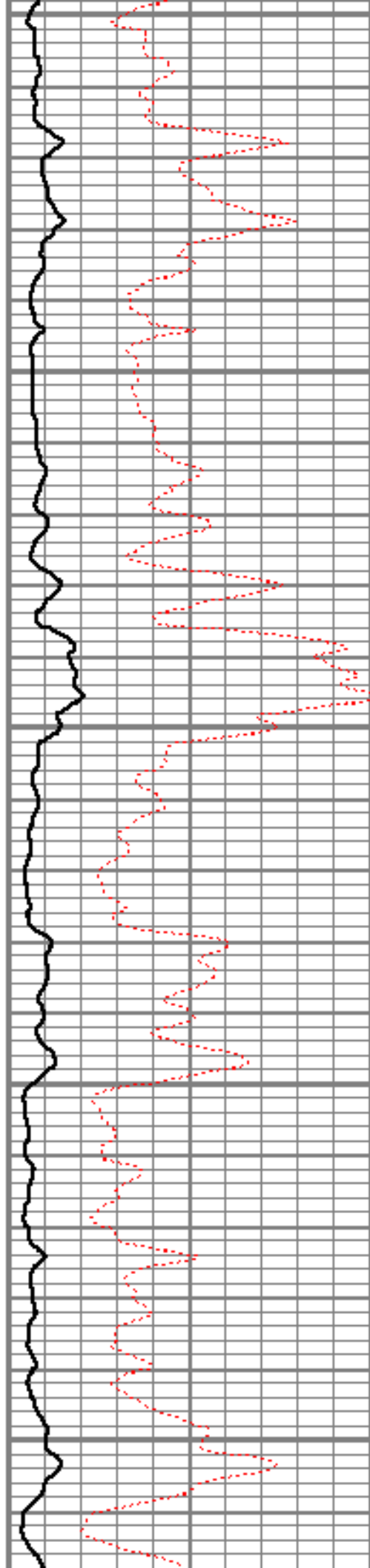
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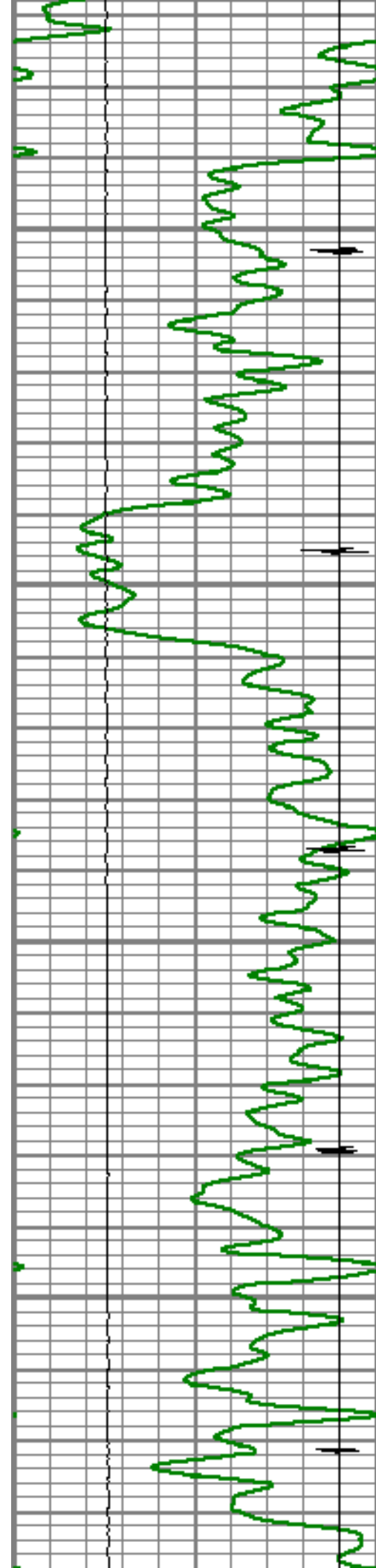
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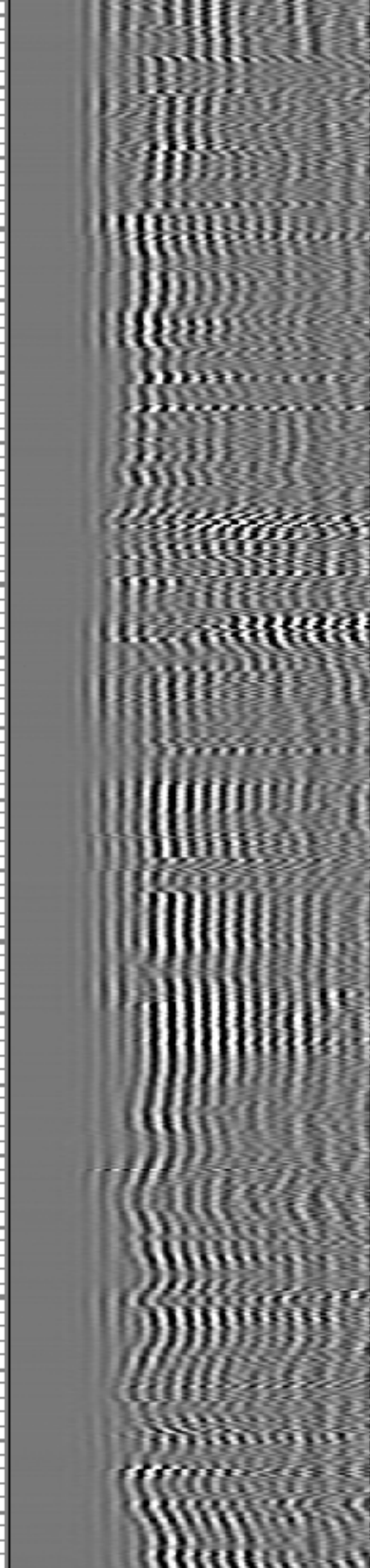
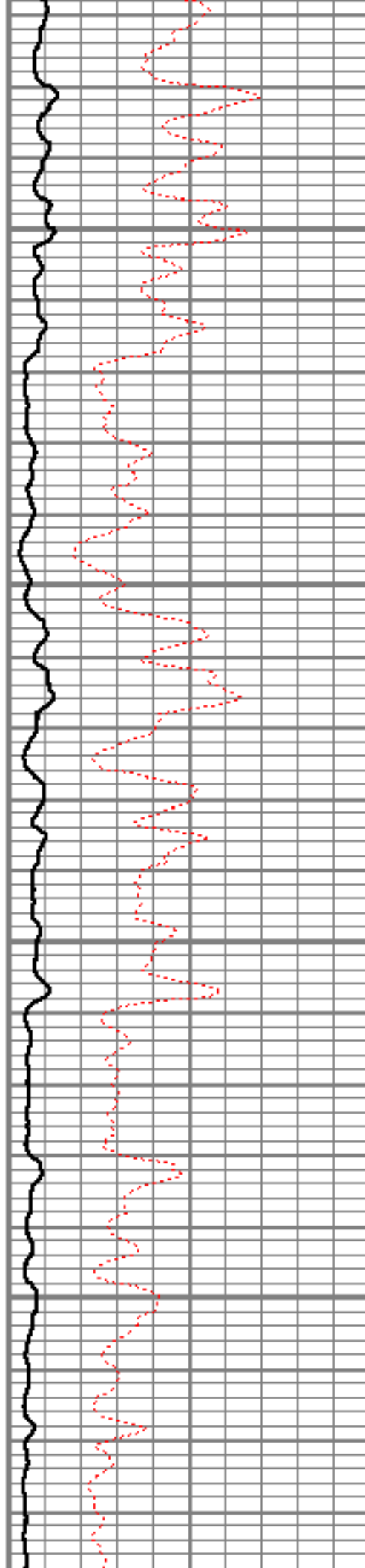


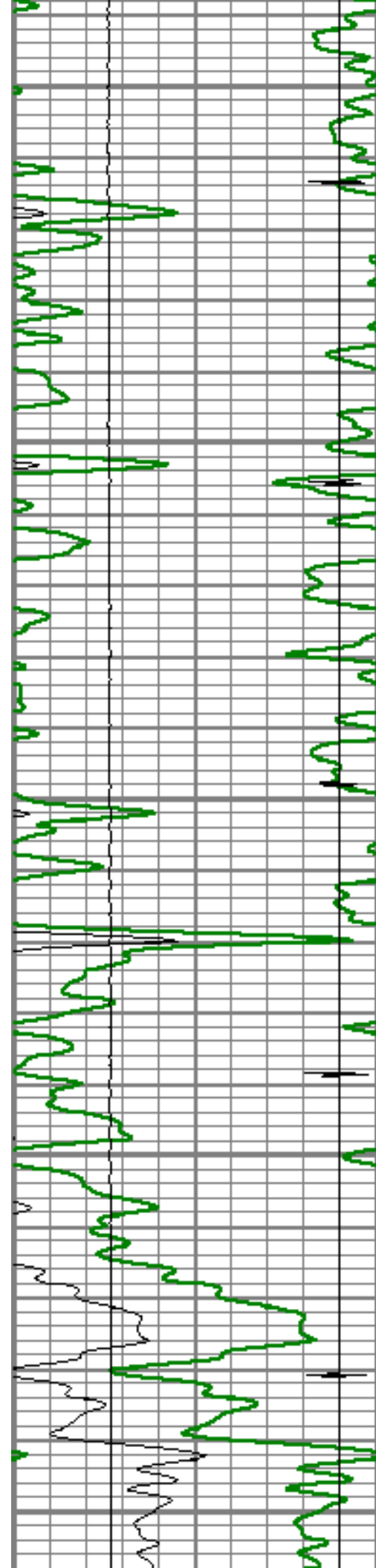
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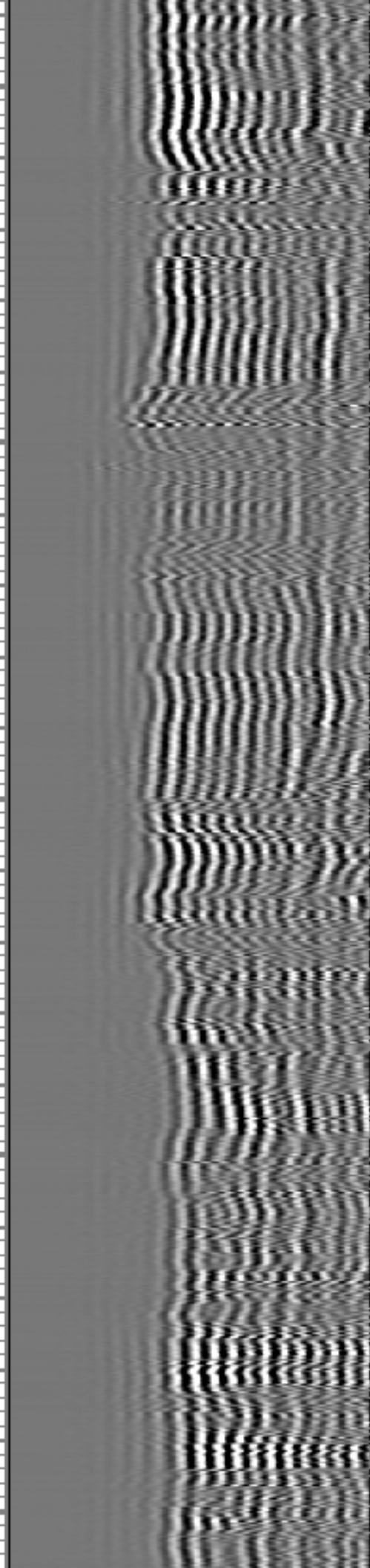
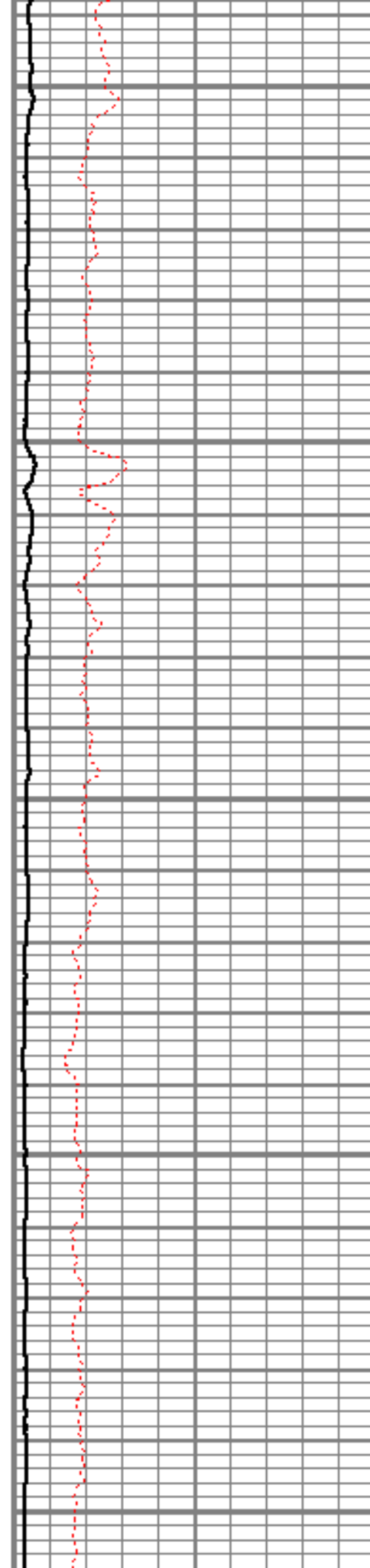
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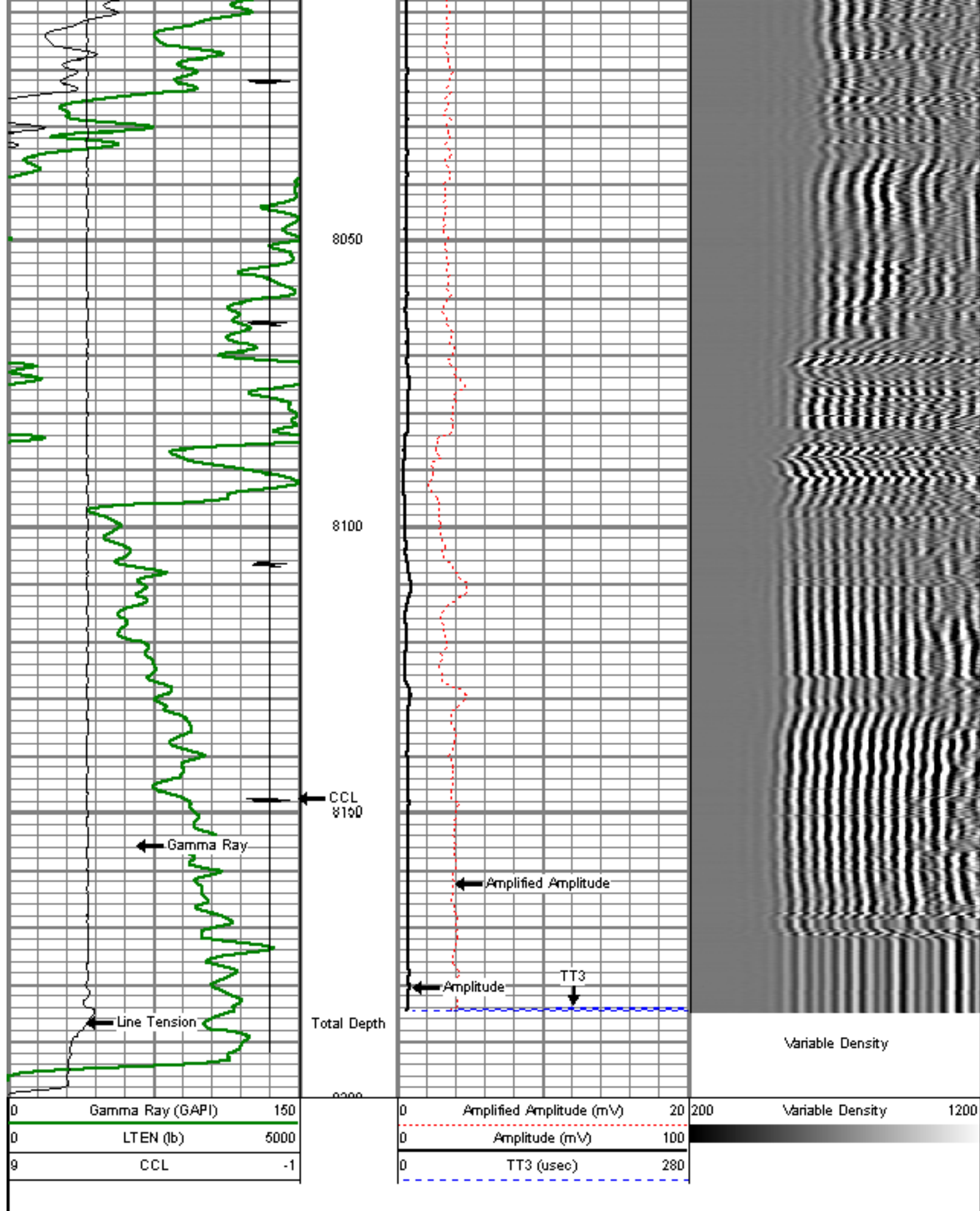
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Company	ENCANA OIL & GAS (USA)
Well	SULLIVAN 4-6-26
Field	WATTENBERG
County	WELD
State	COLORADO