



# CEMENT BOND LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC.		
Well	RAY NELSON 2-4-32		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Company ENCANA OIL & GAS (USA) INC.		Location: API #: 05-123-31929-0000	
Well RAY NELSON 2-4-32		SHL: 1893' FNL & 680' FWL	
Field WATTENBERG		BHL: 2600' FNL & 1400' FWL	
County WELD		SEC. 32 TWP. 2N RGE. 68W	
State COLORADO		Permanent Datum GROUND LEVEL Elevation 4948'	
		Log Measured From KELLY BUSHING = 12'	
		Drilling Measured From KELLY BUSHING	
		Elevation K.B. 4960'	
		D.F. 4959'	
		G.L. 4948'	

Date	AUGUST-02-2011									
Run Number	ONE									
Depth Driller	8322'									
Depth Logger	8258'									
Bottom Logged Interval	8258'									
Top Log Interval	2640'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.3#									
Max. Recorded Temp.	262 DegF									
Estimated Cement Top	2950'									
Time Well Ready	N/A									
Time Logger on Bottom	N/A									
Equipment Number	W0059/DPR01									
Location	AULT, CO.									
Recorded By	C. PACE									
Witnessed By	T. MAJORS									
Borehole Record										
Run Number	Bit	From	To	Size	Tubing Record					
ONE	12.25"	0'	868'							
TWO	7.875"	868'	8322'							
Casing Record	Size	Wgt/Ft			Top			Bottom		
Surface String	8.625"	24#			0'			854'		
Prot. String										
Production String	4.5"	11.6#			0'			8307'		
Liner										

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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

LOG NOT CORRELATED TO ANY OTHER LOGS

SHORT JOINT @ 7304 - 7327

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



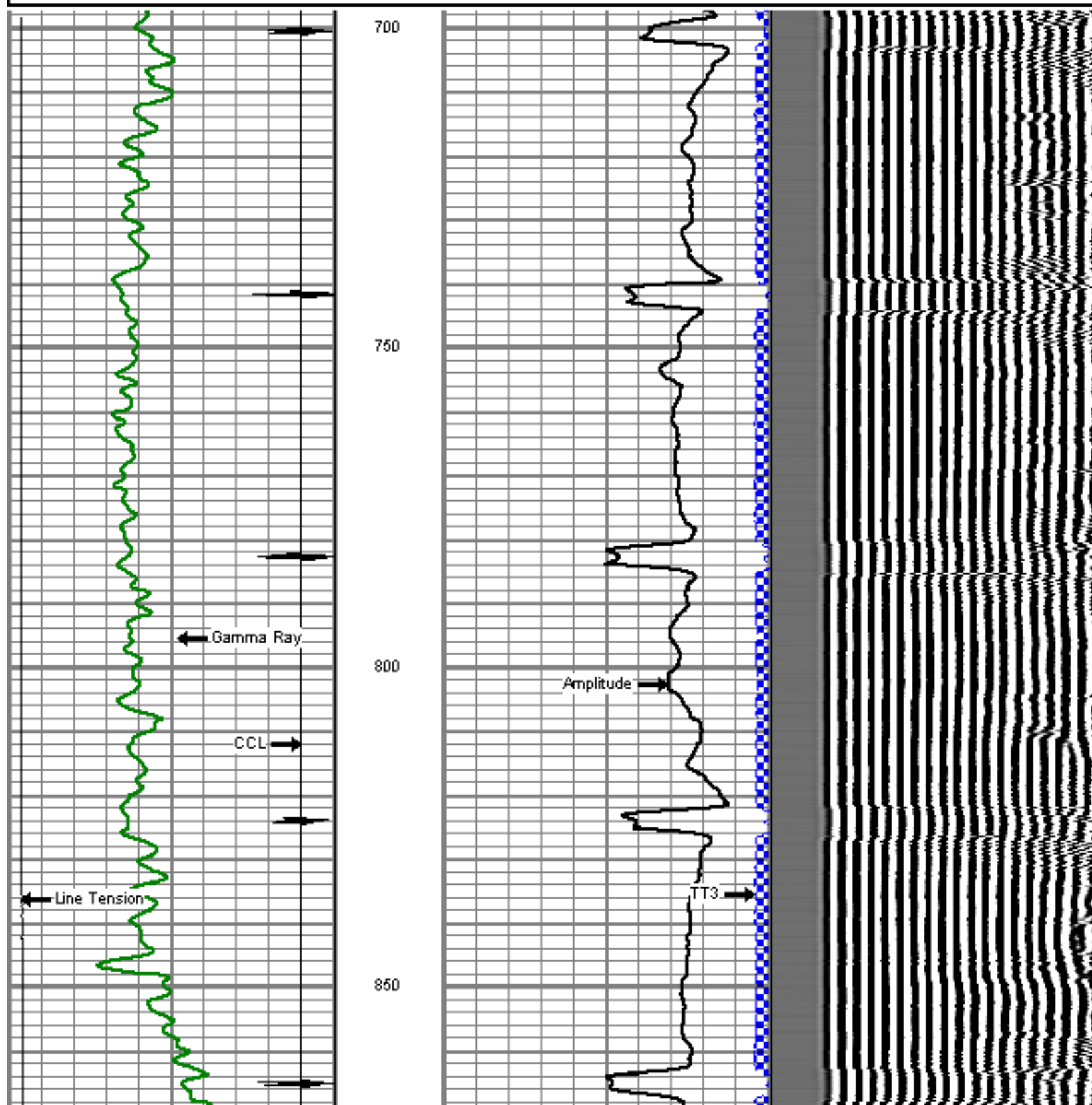
SURFACE SHOE PASS

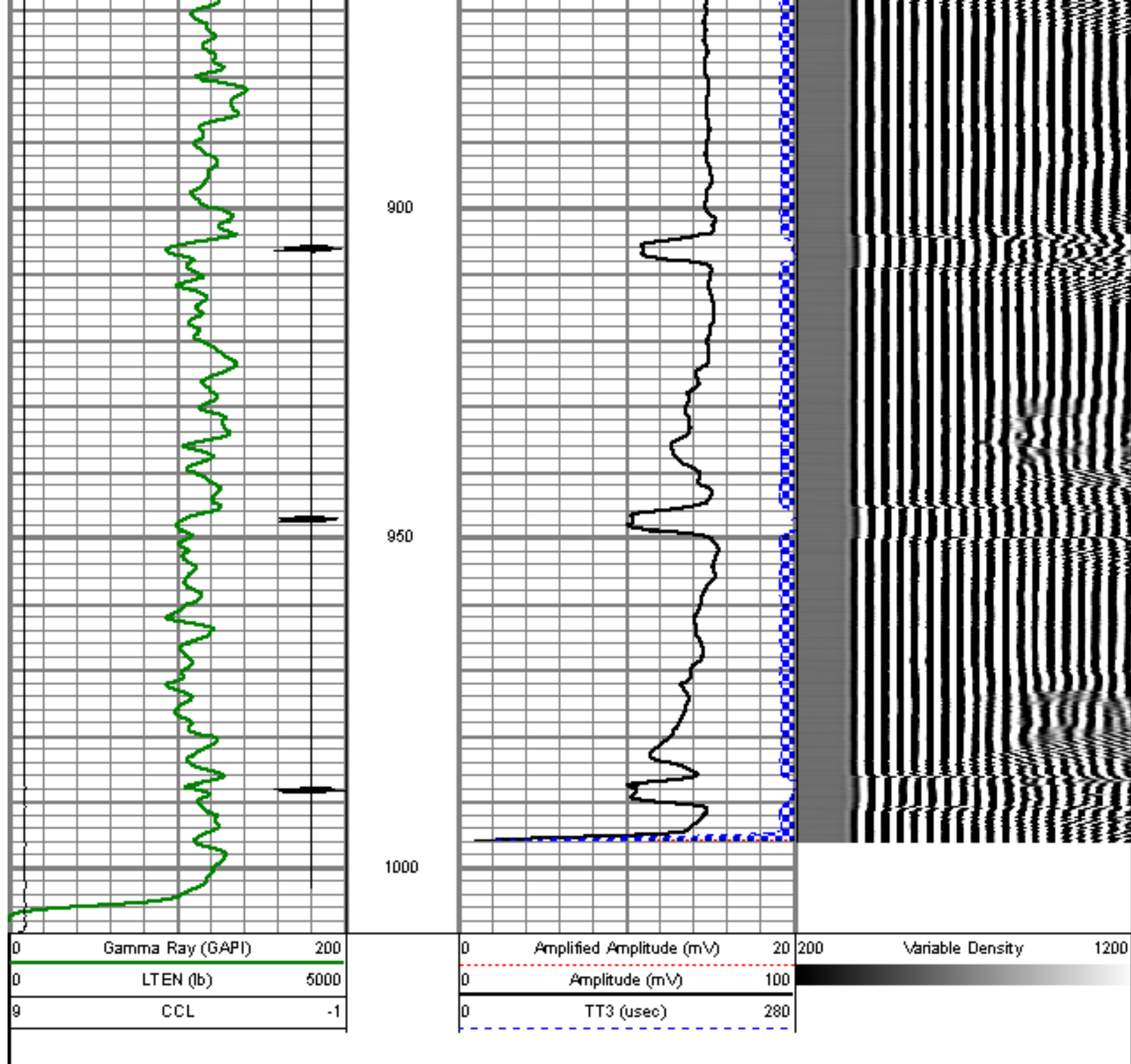
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Presentation Format: dcbl\_prb  
Dataset Creation: Tue Aug 02 13:22:18 2011 by Calc Std Casedhole 09061  
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1

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

200 Variable Density 1200

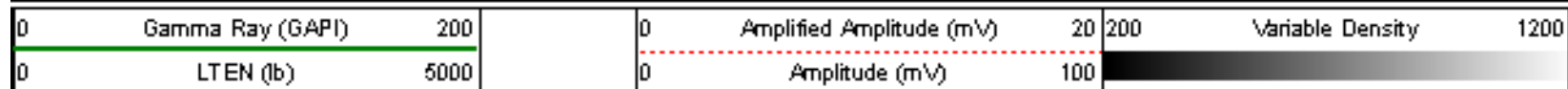


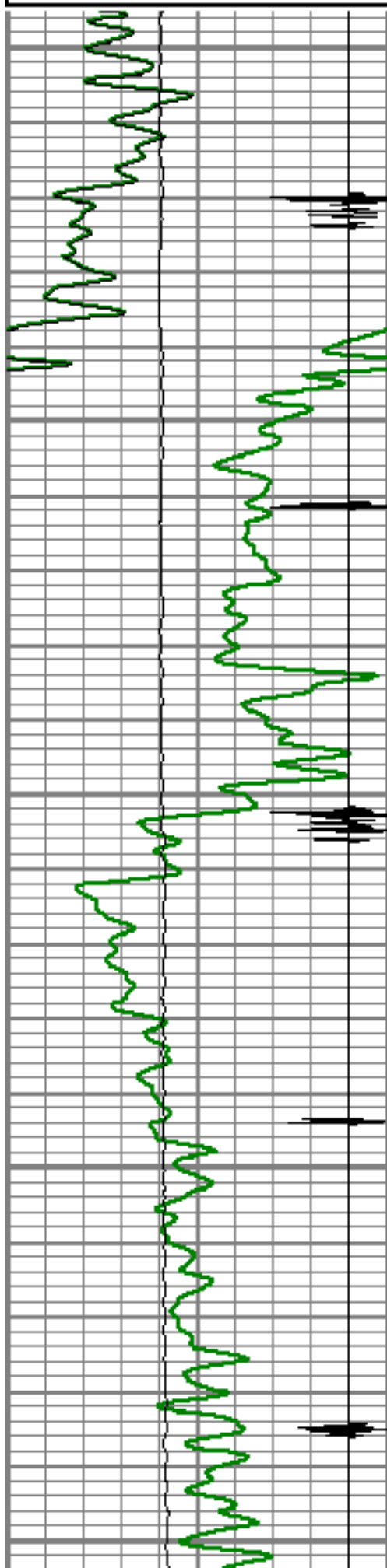


REPEAT PASS

5" = 100'

Database File: raynelson2-432.db  
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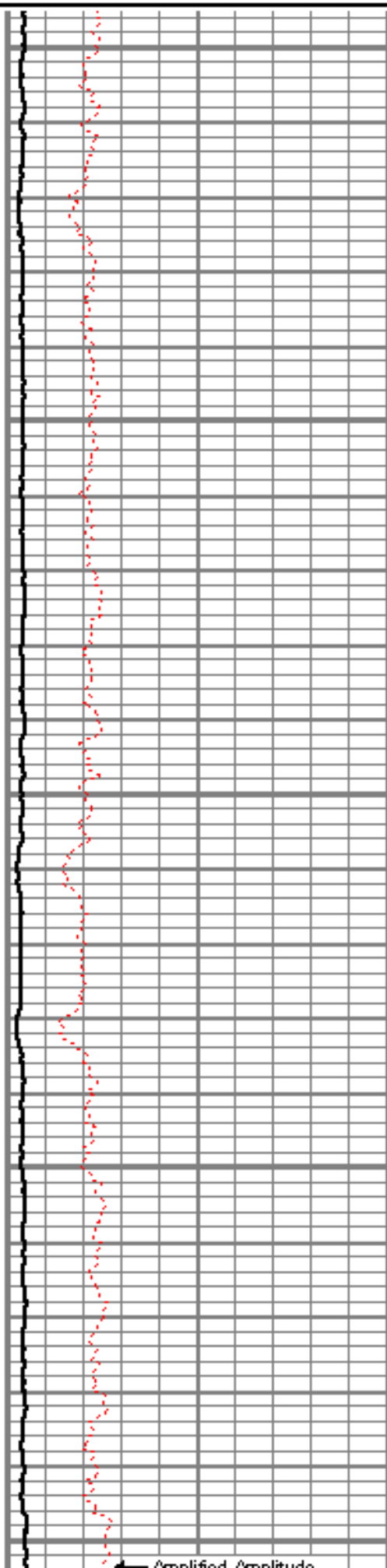
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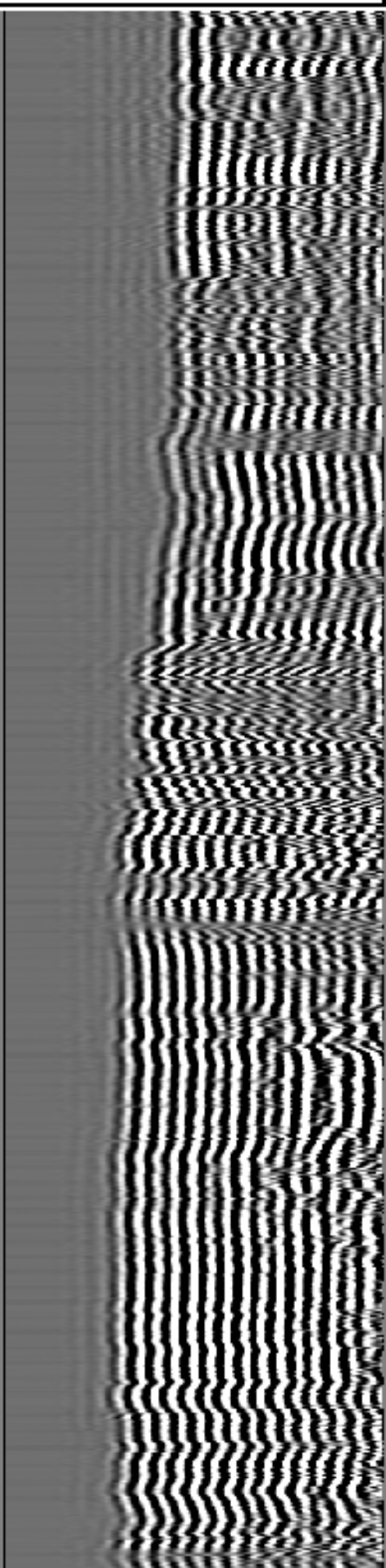
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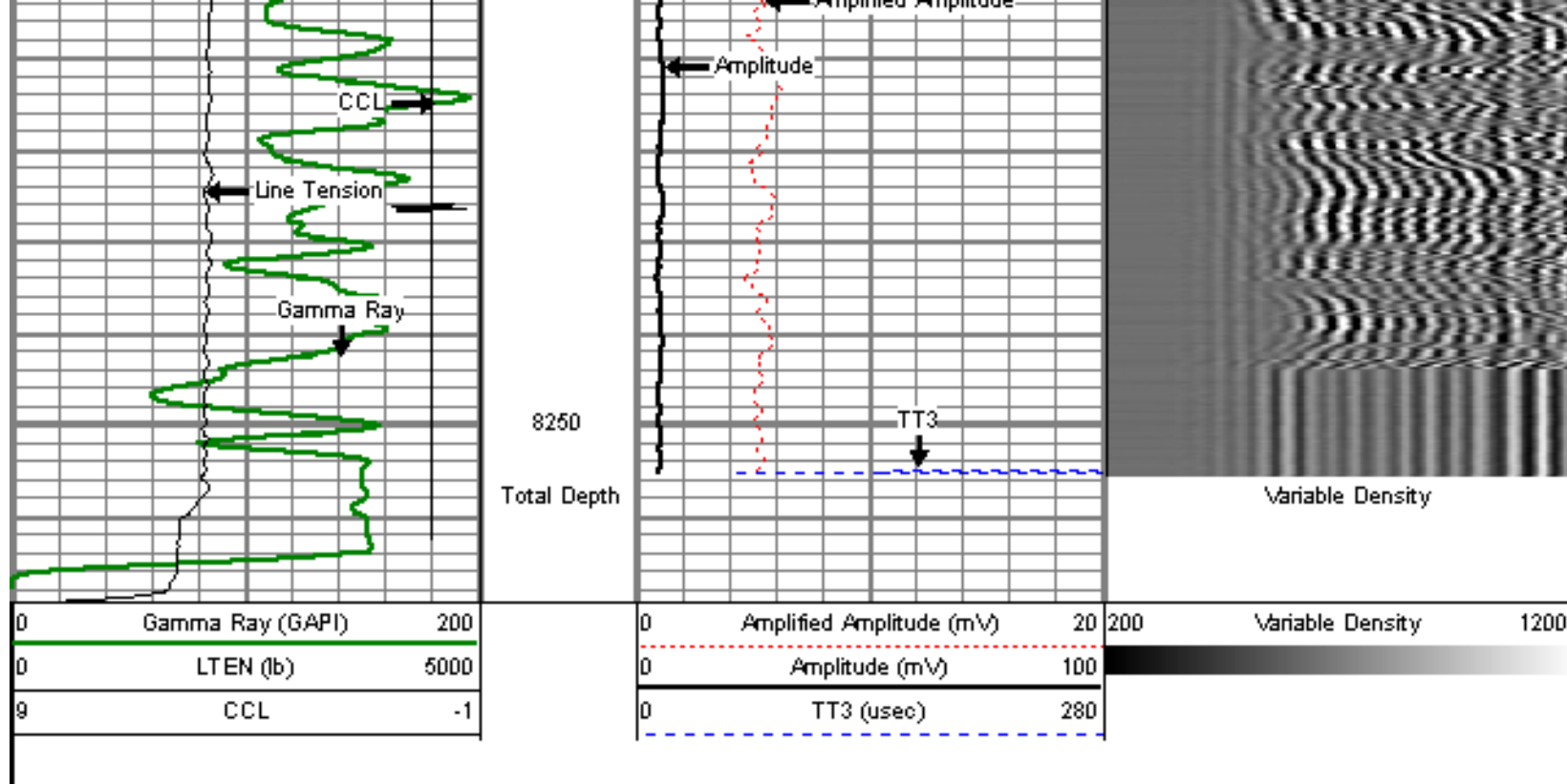
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8200



Amplified Amplitude

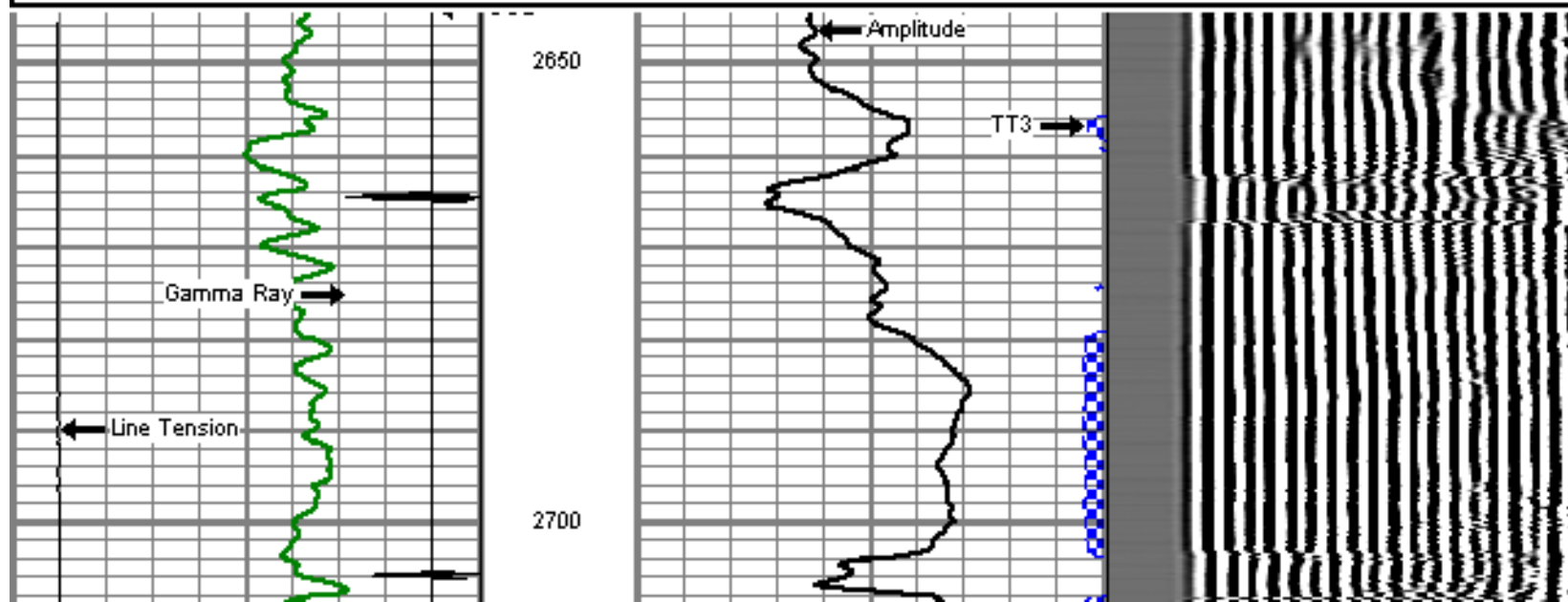
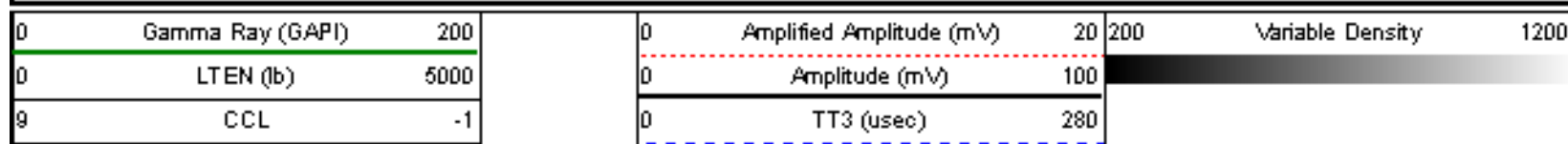




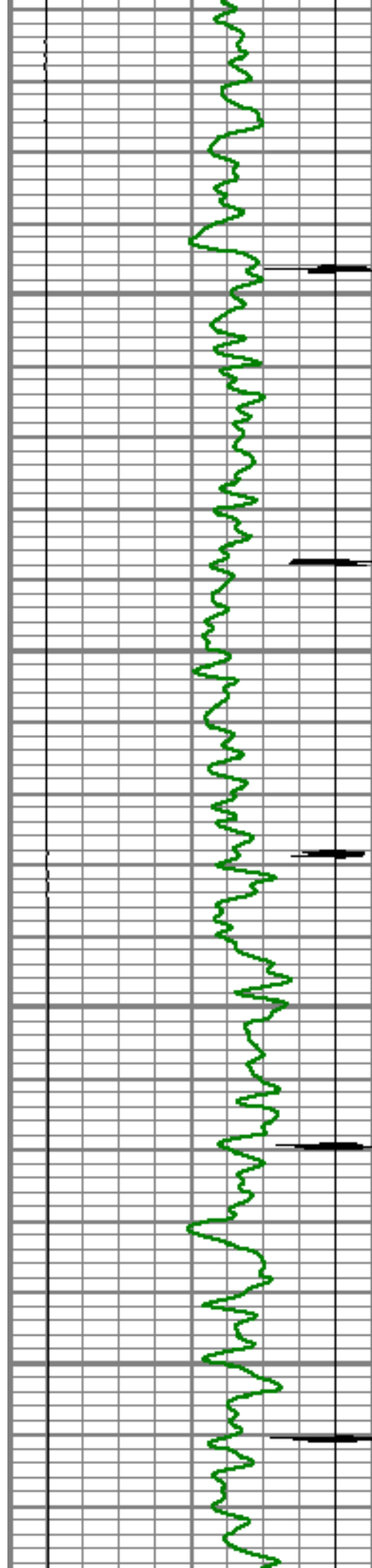
## MAIN PASS

5" = 100'

Database File: raynelson2-4-32.db  
 Dataset Pathname: pass5  
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 Charted by: Depth in Feet scaled 1:240





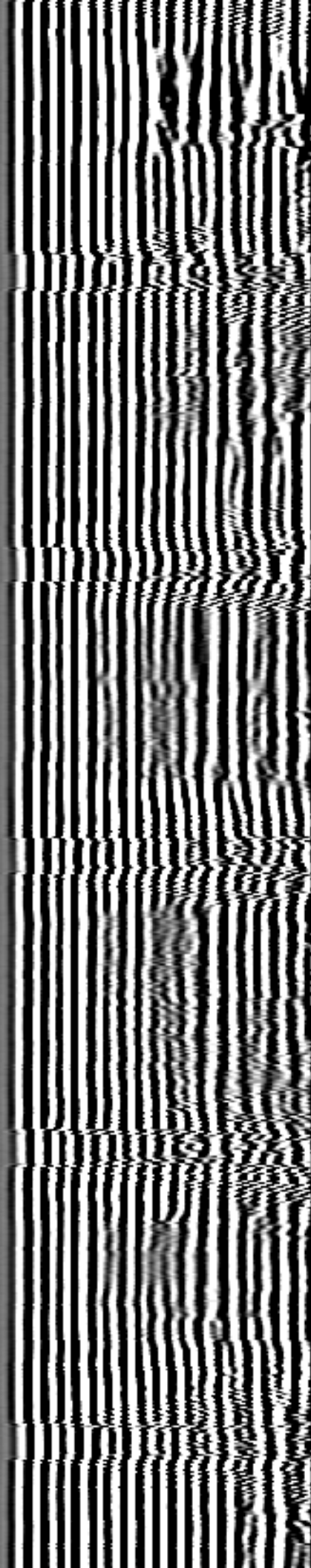
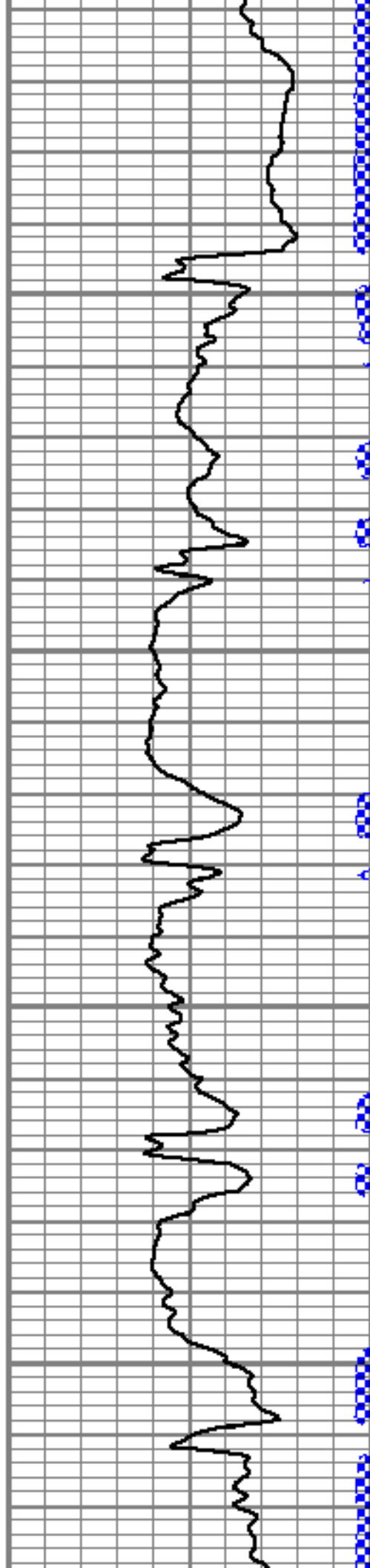


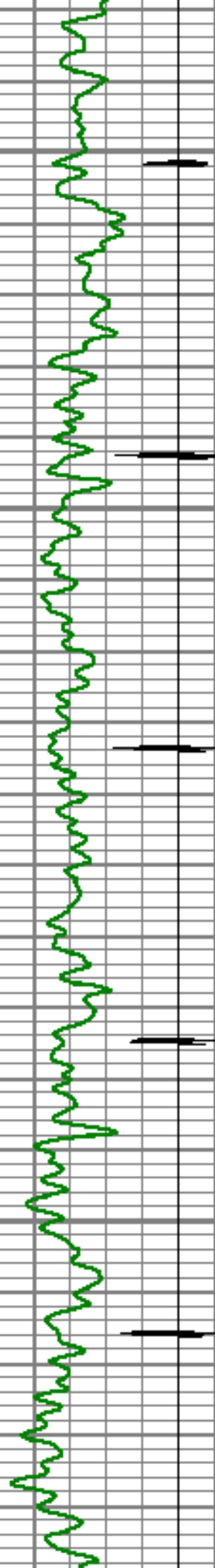
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2800

2850

2900





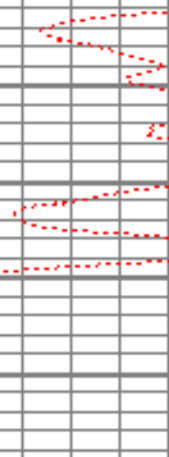
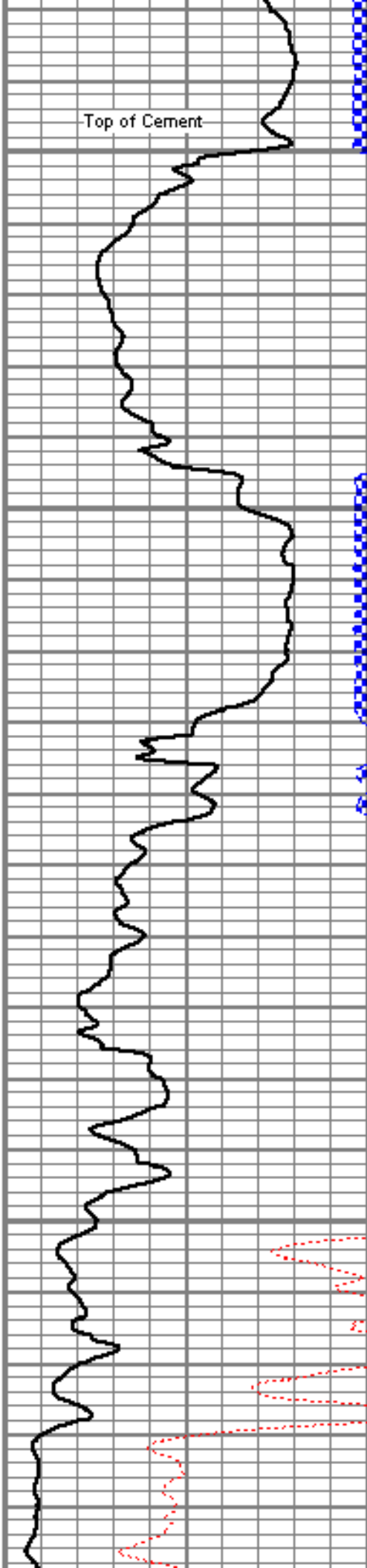
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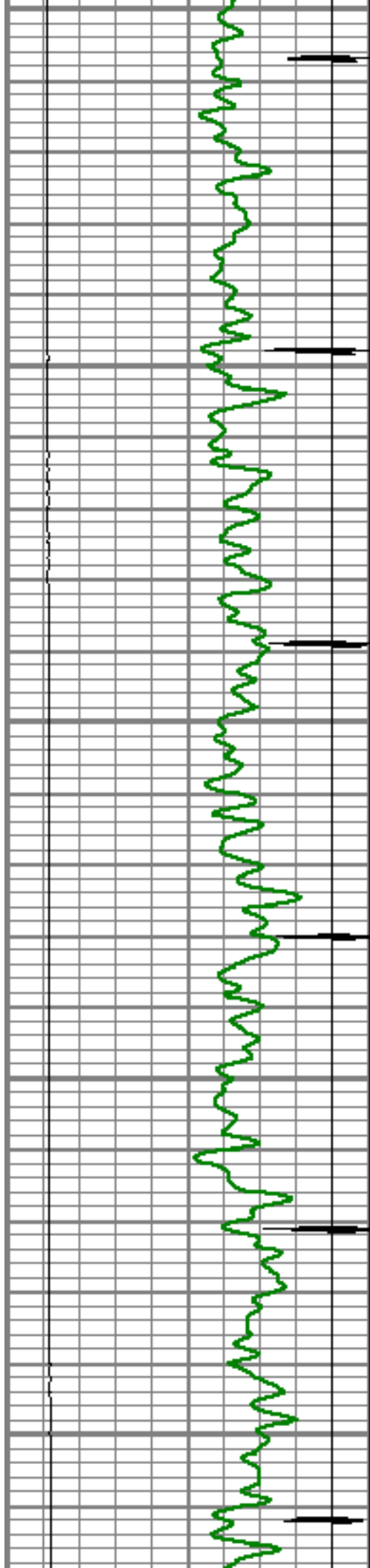
3000

3050

3100

Top of Cement





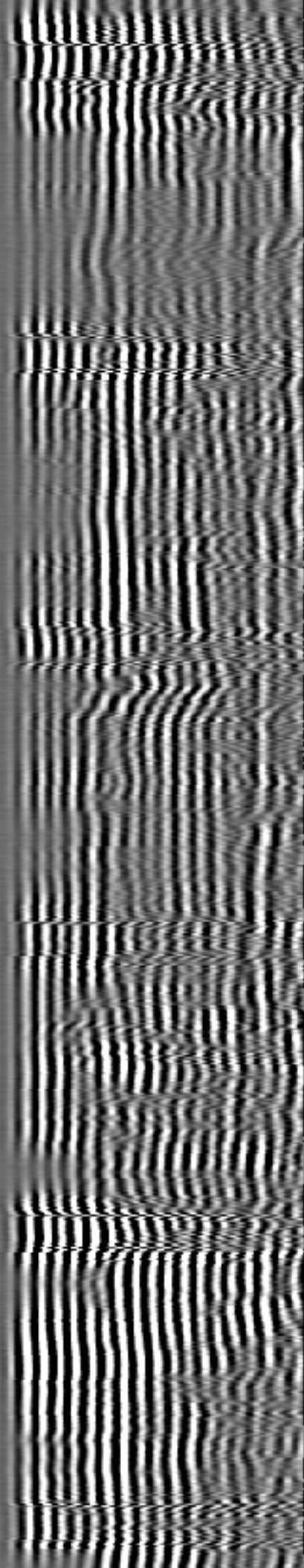
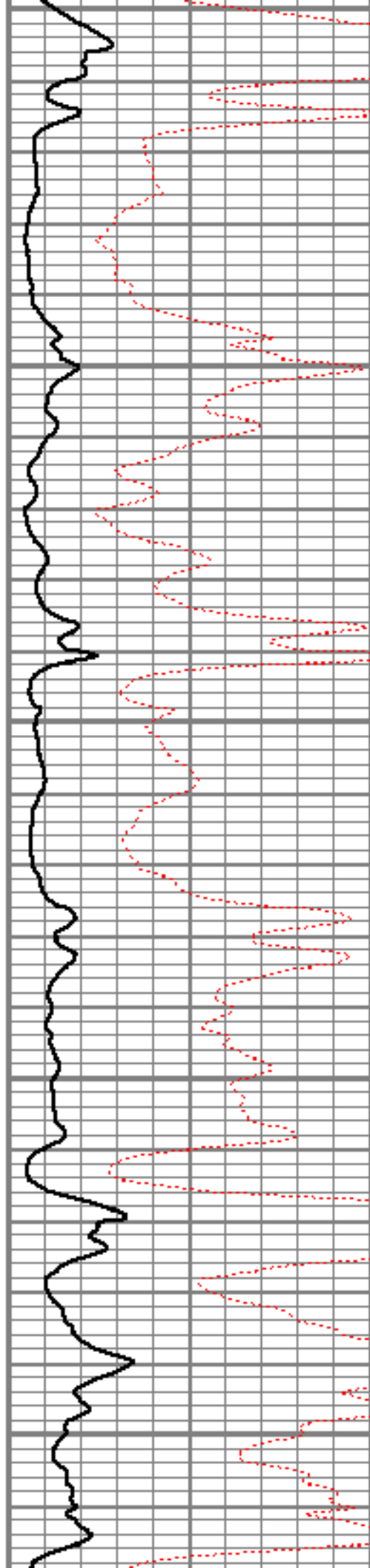
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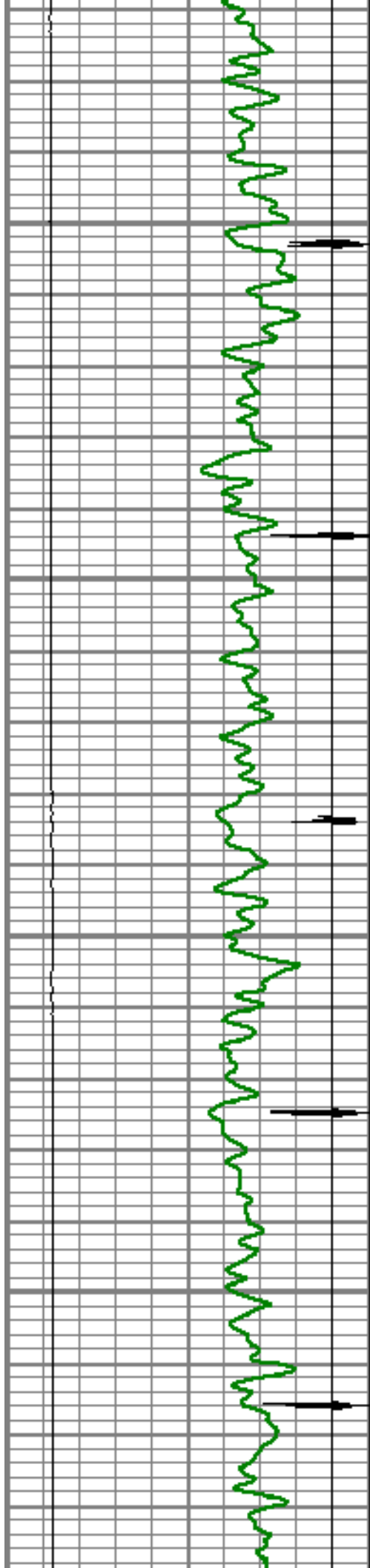
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3300

3350





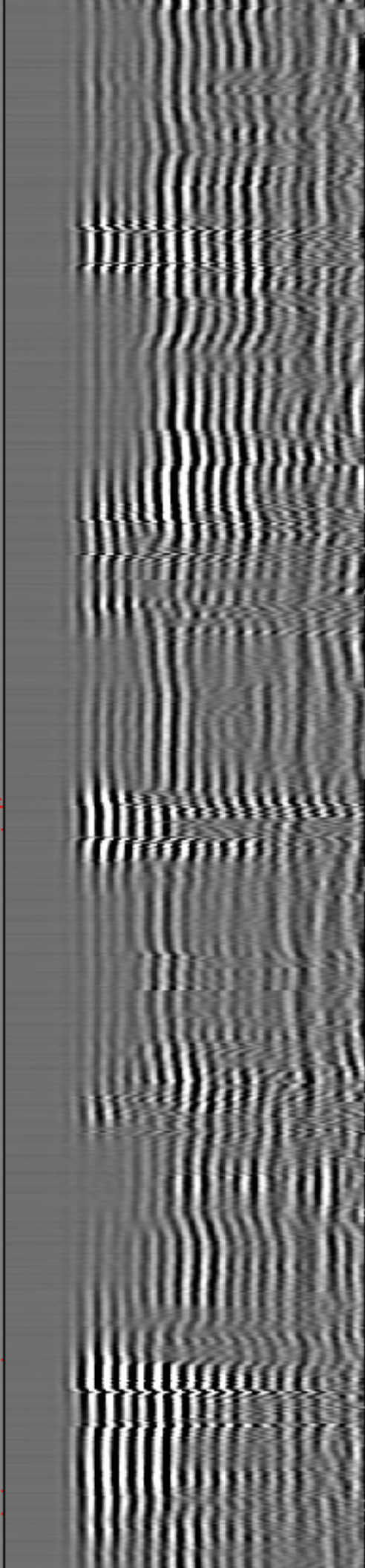
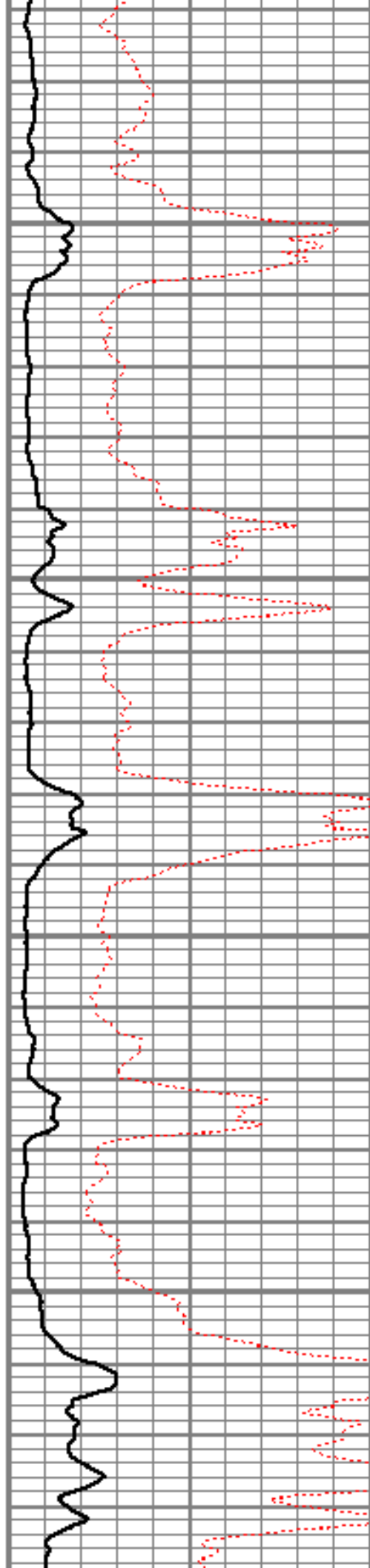


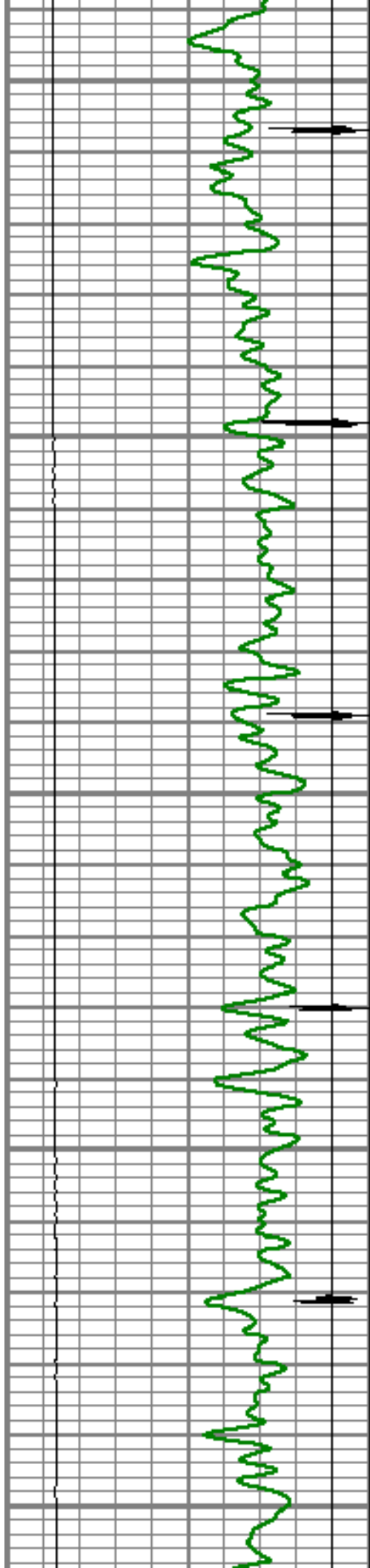
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3450

3500

3550





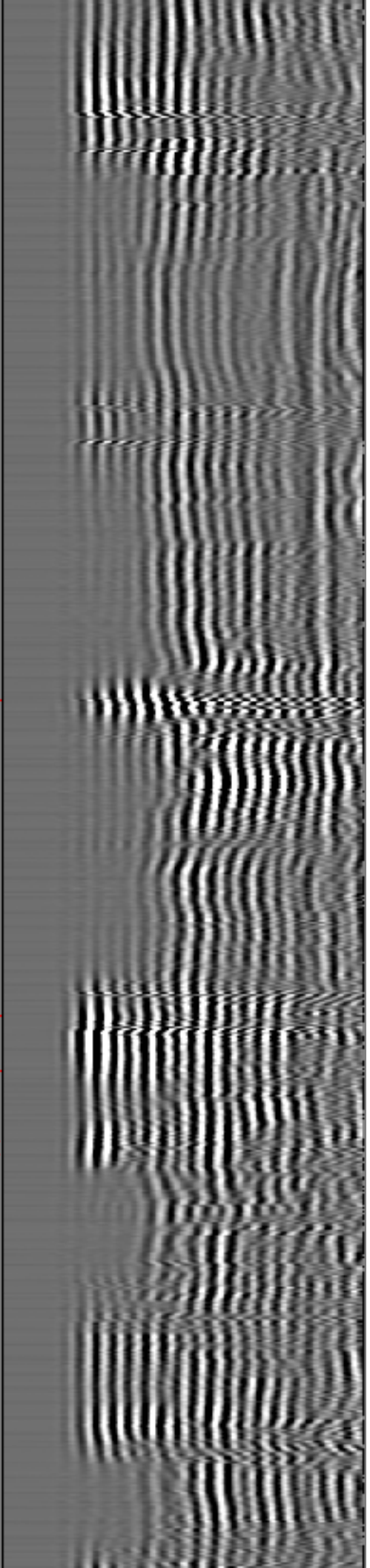
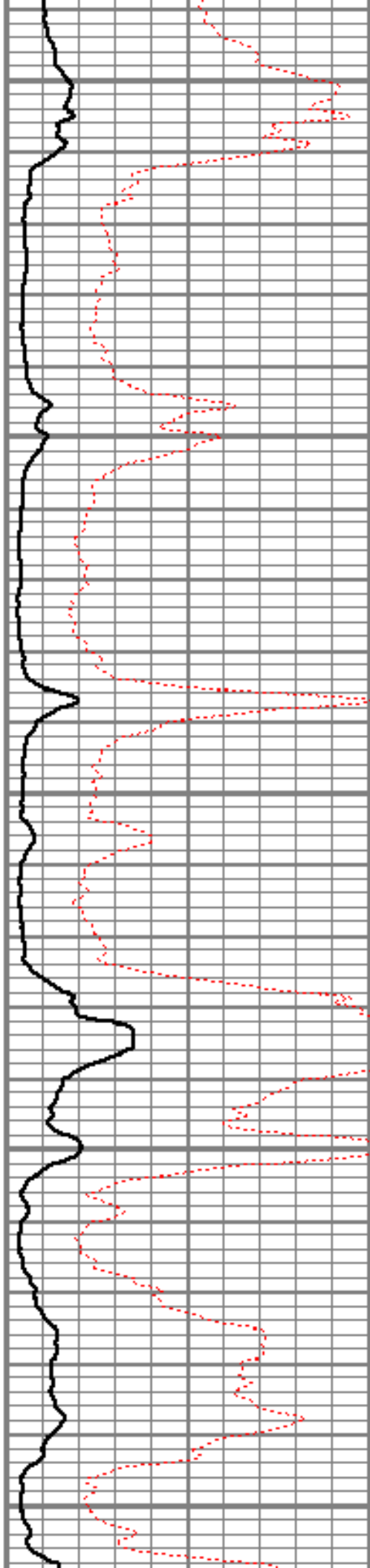
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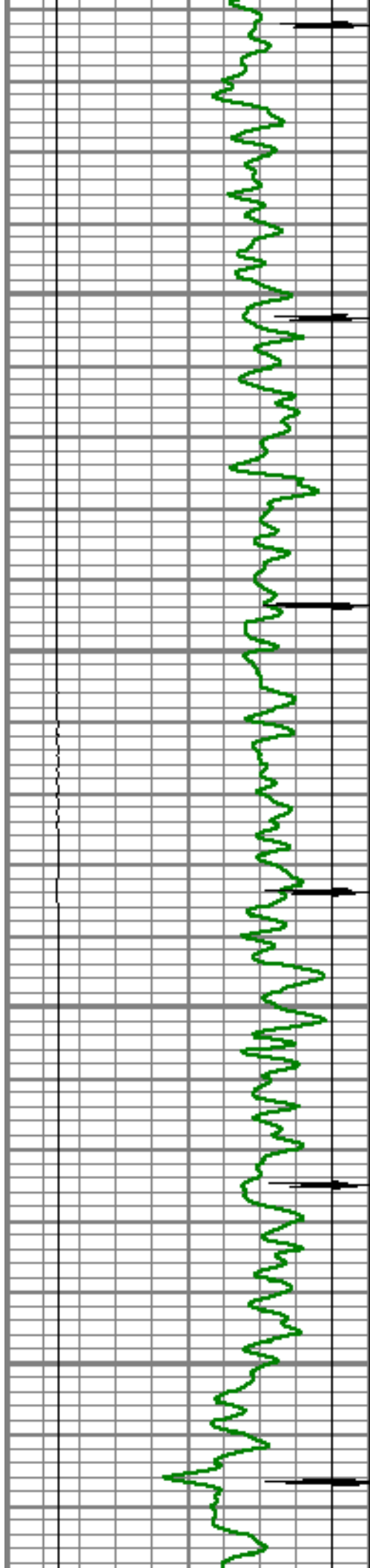
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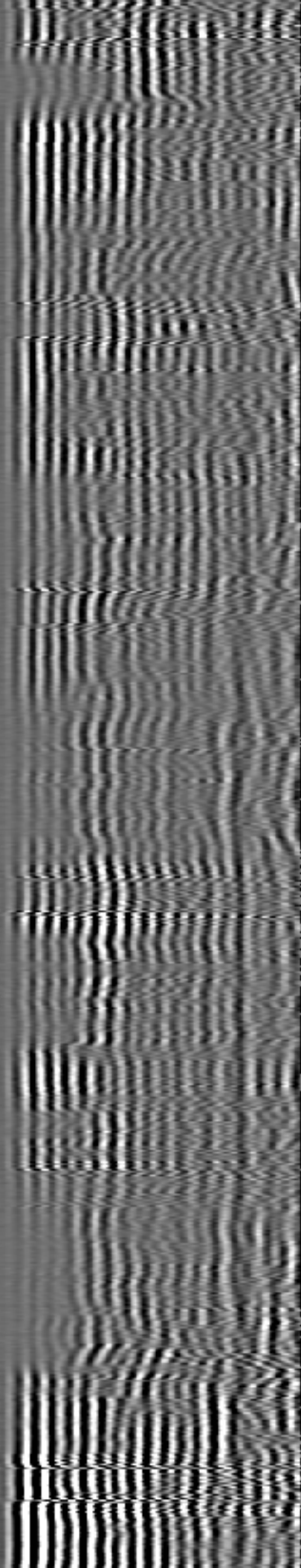
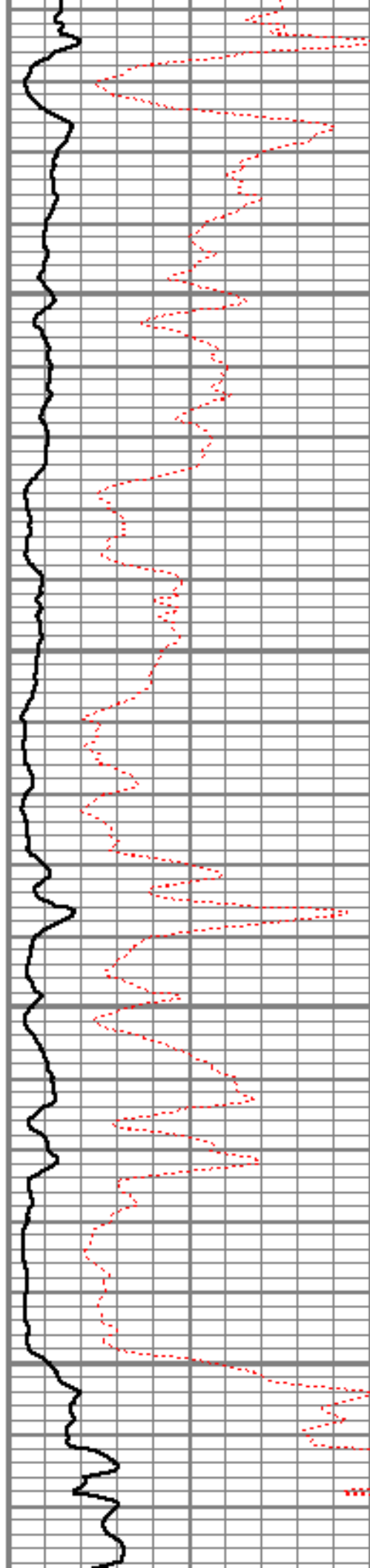


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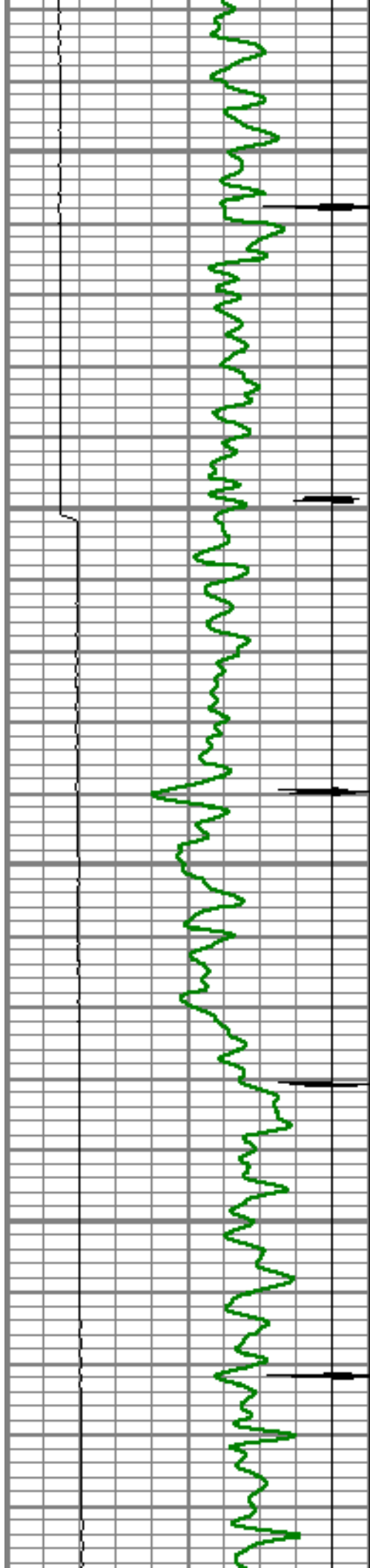
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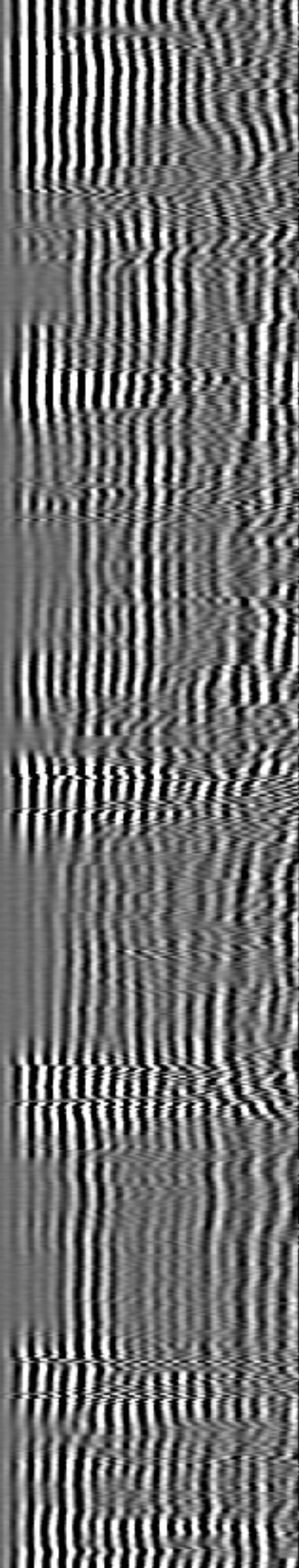
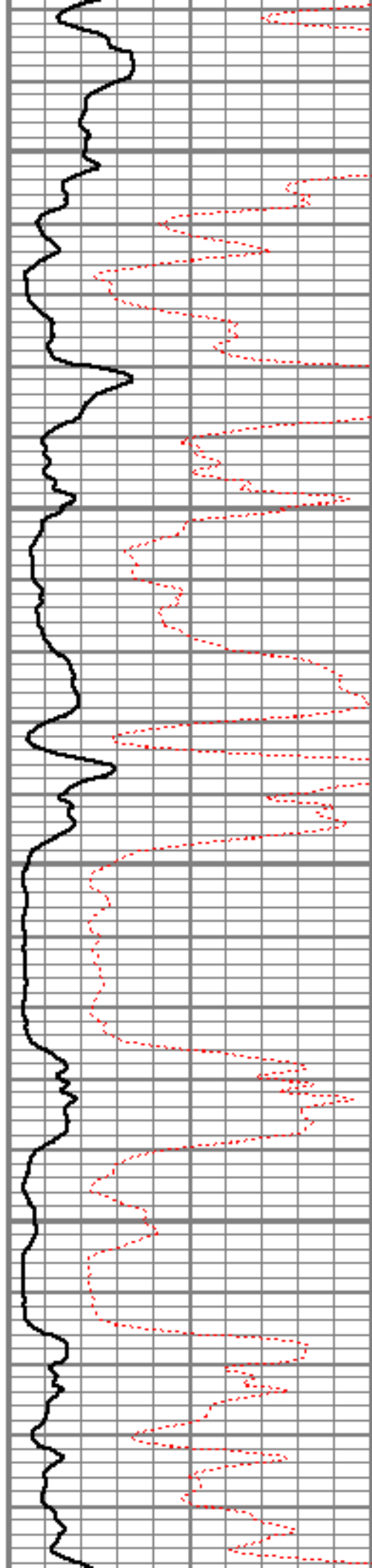


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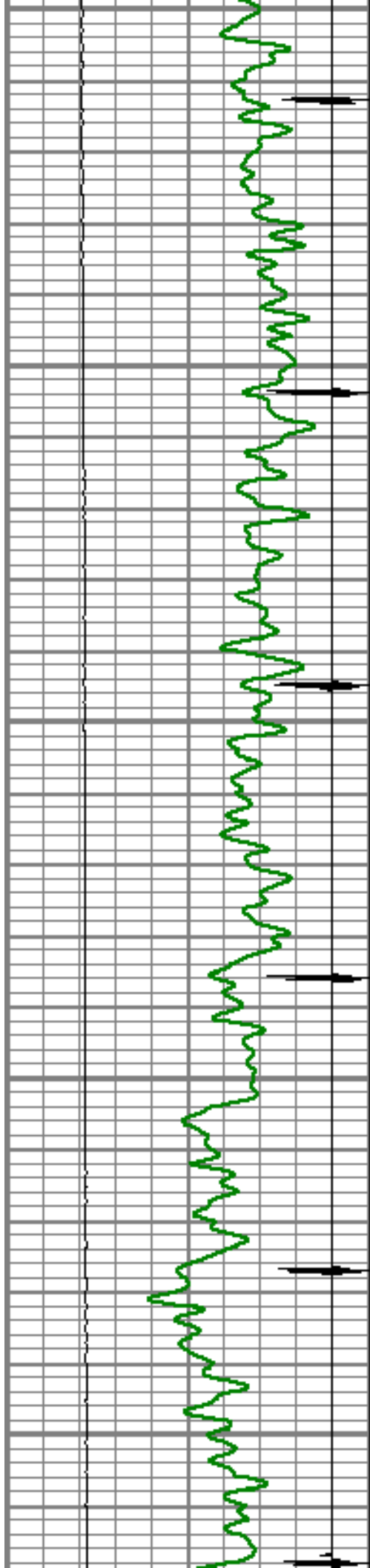
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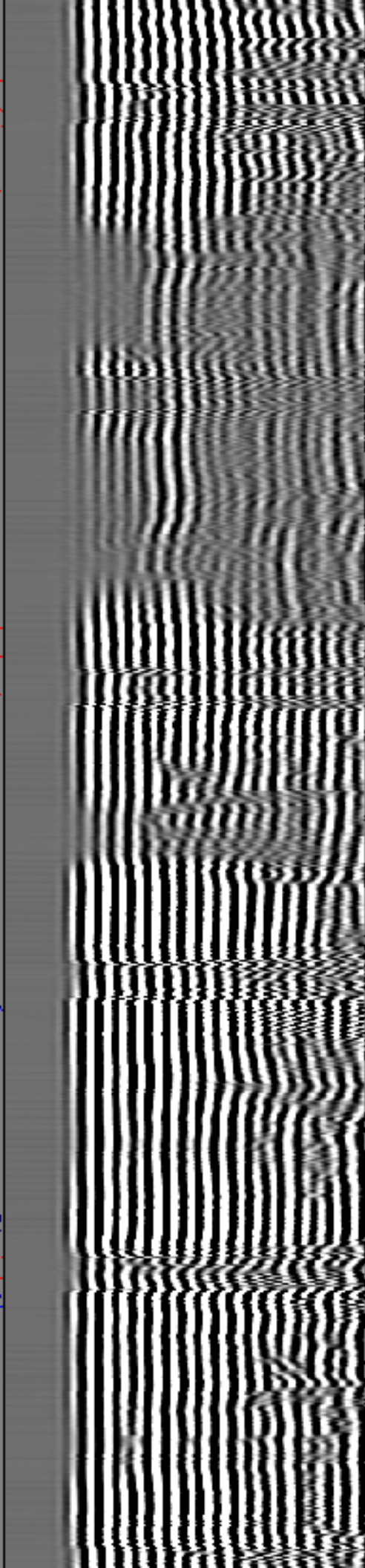
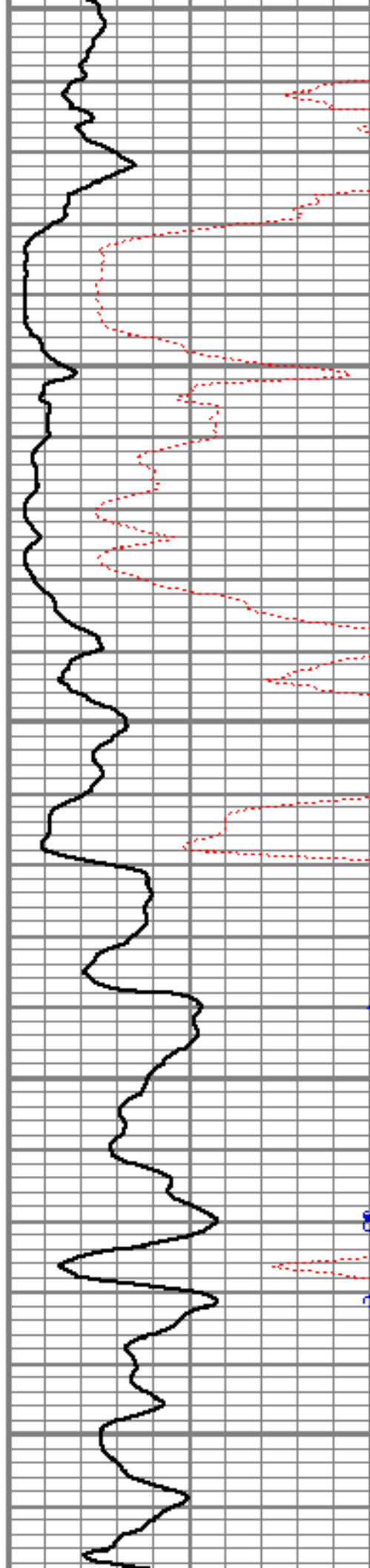
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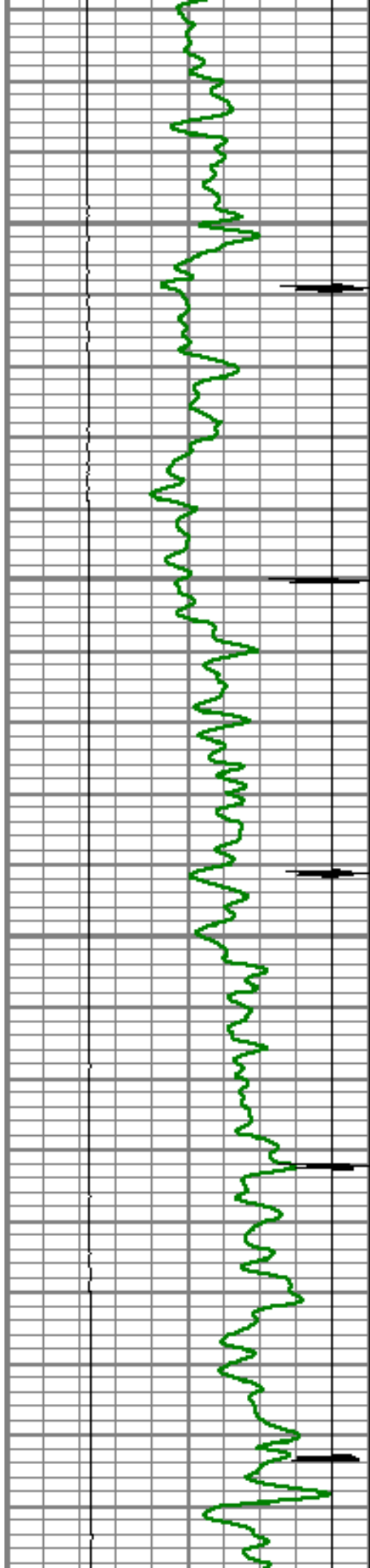
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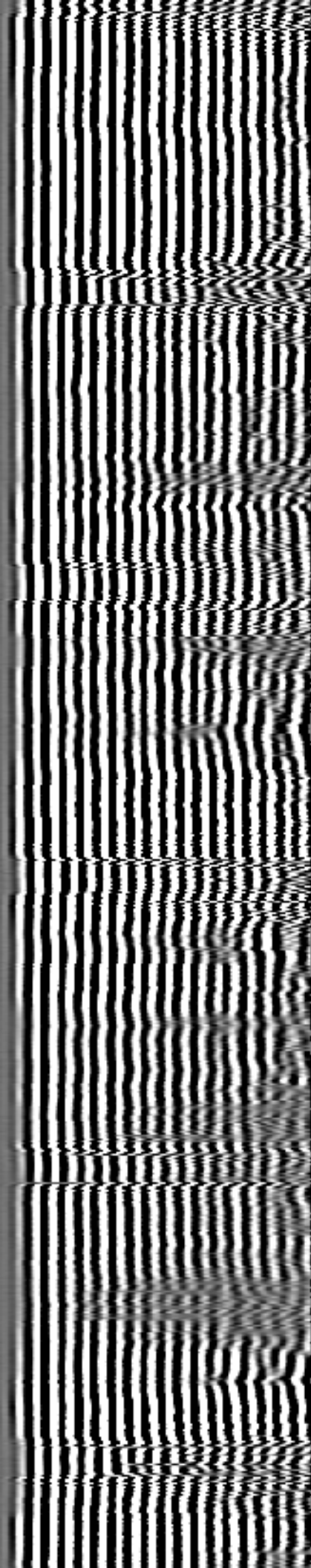
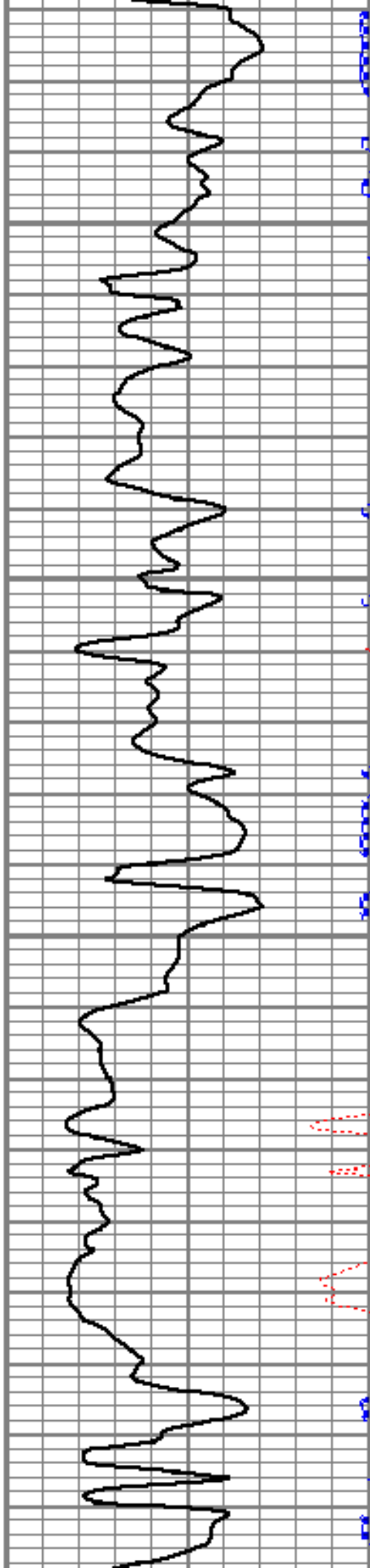


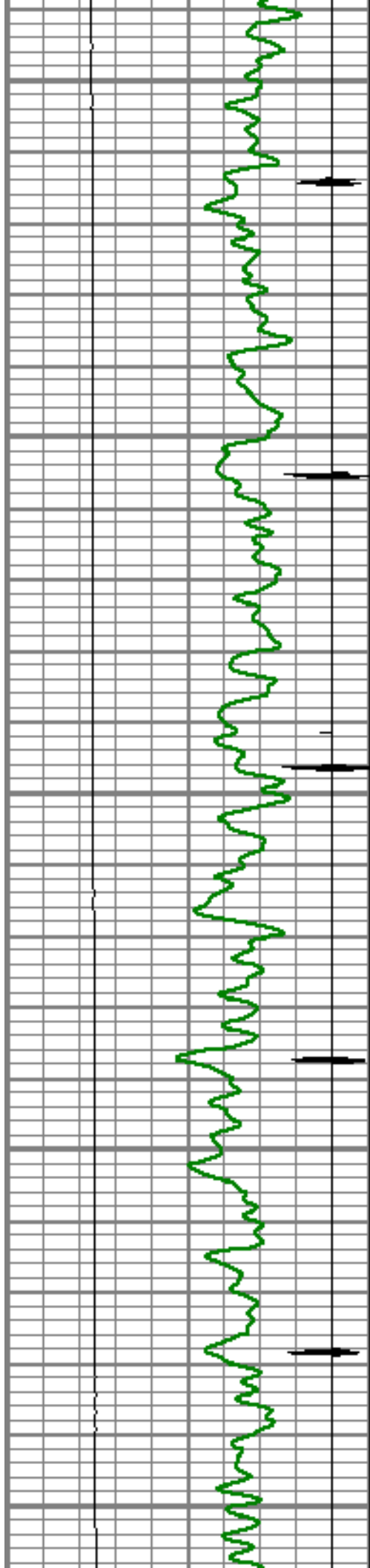
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4650





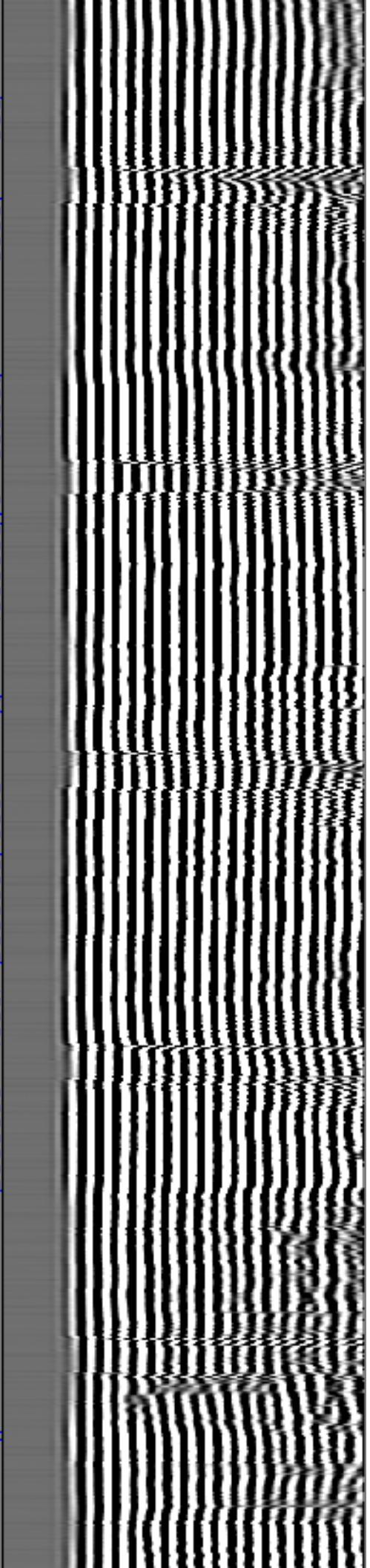
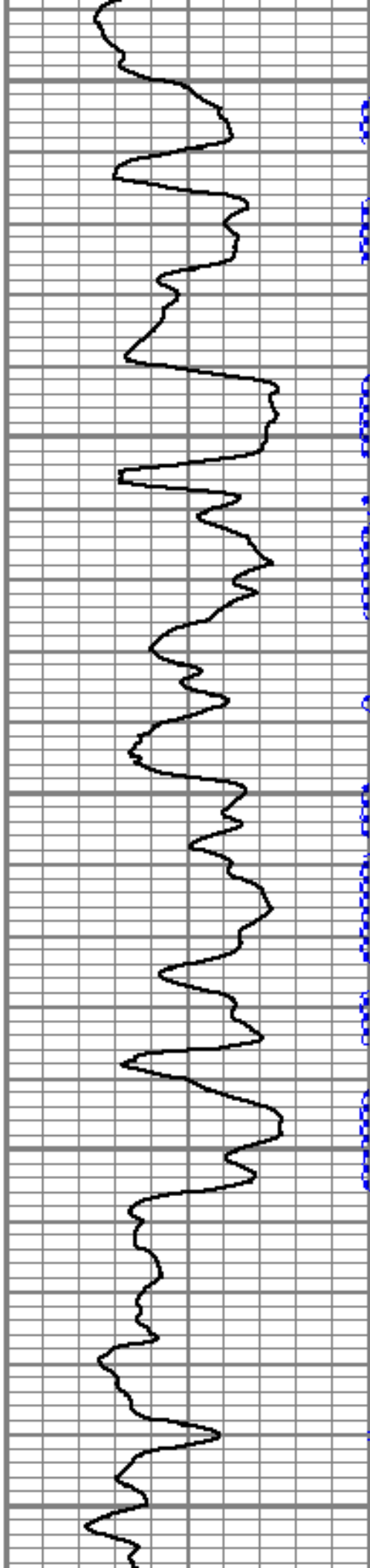
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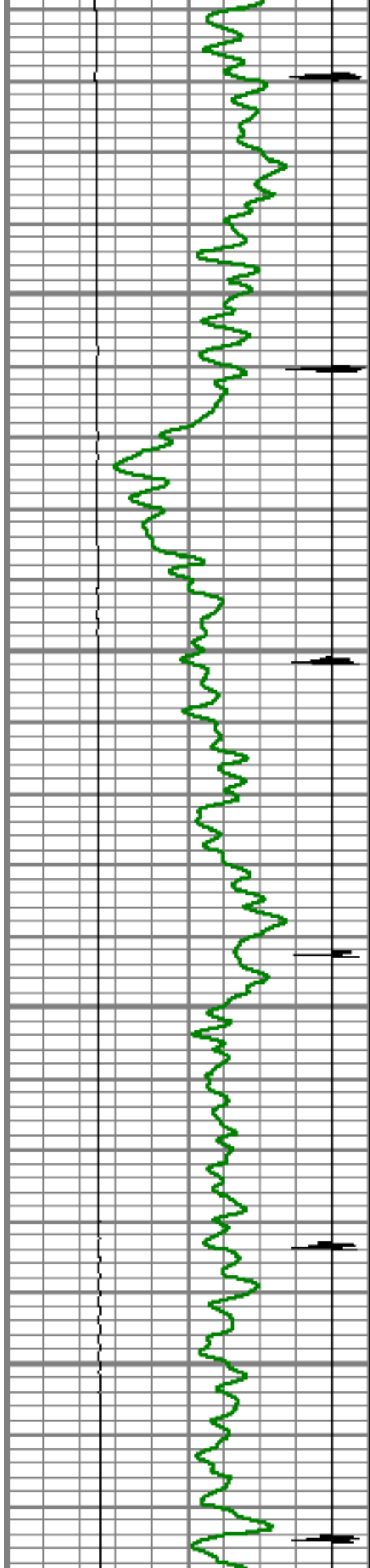
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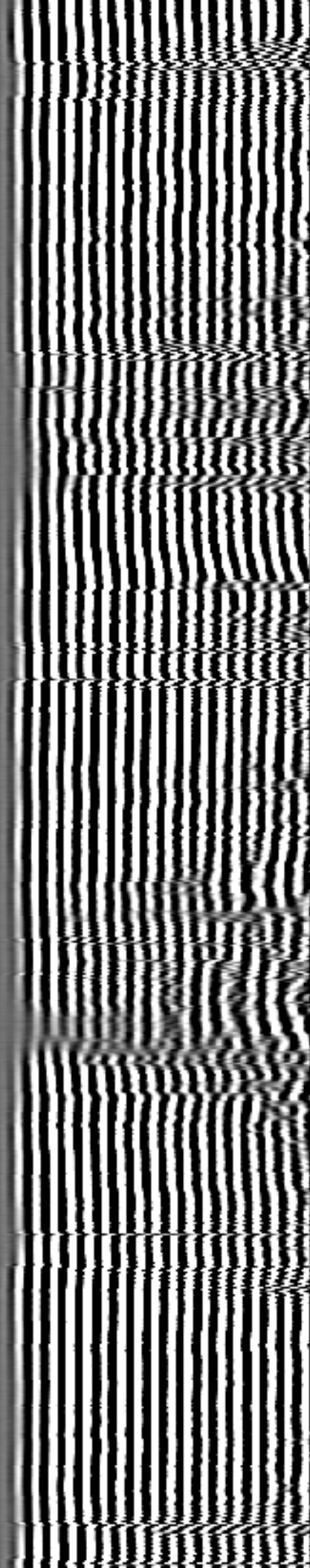
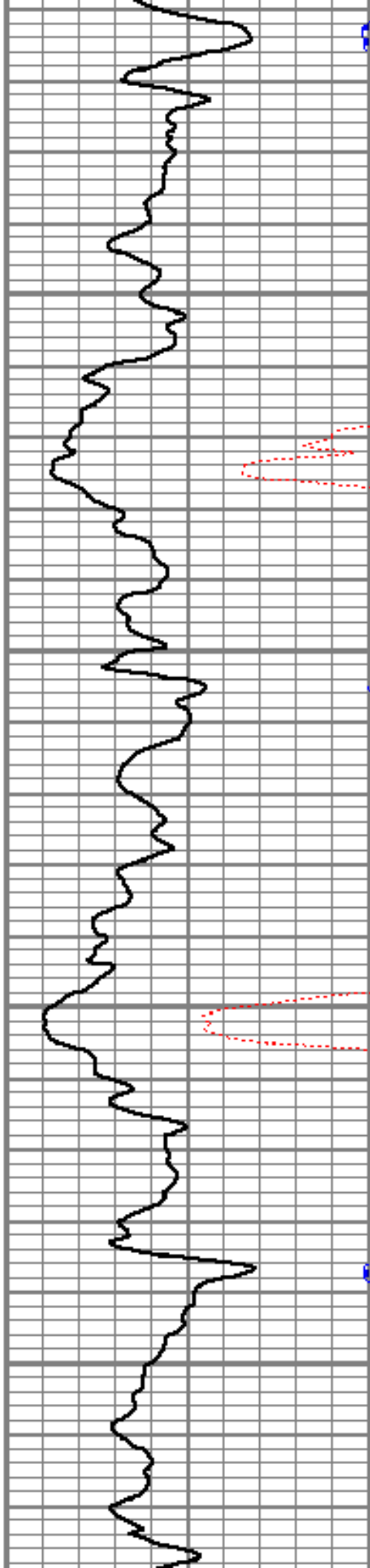


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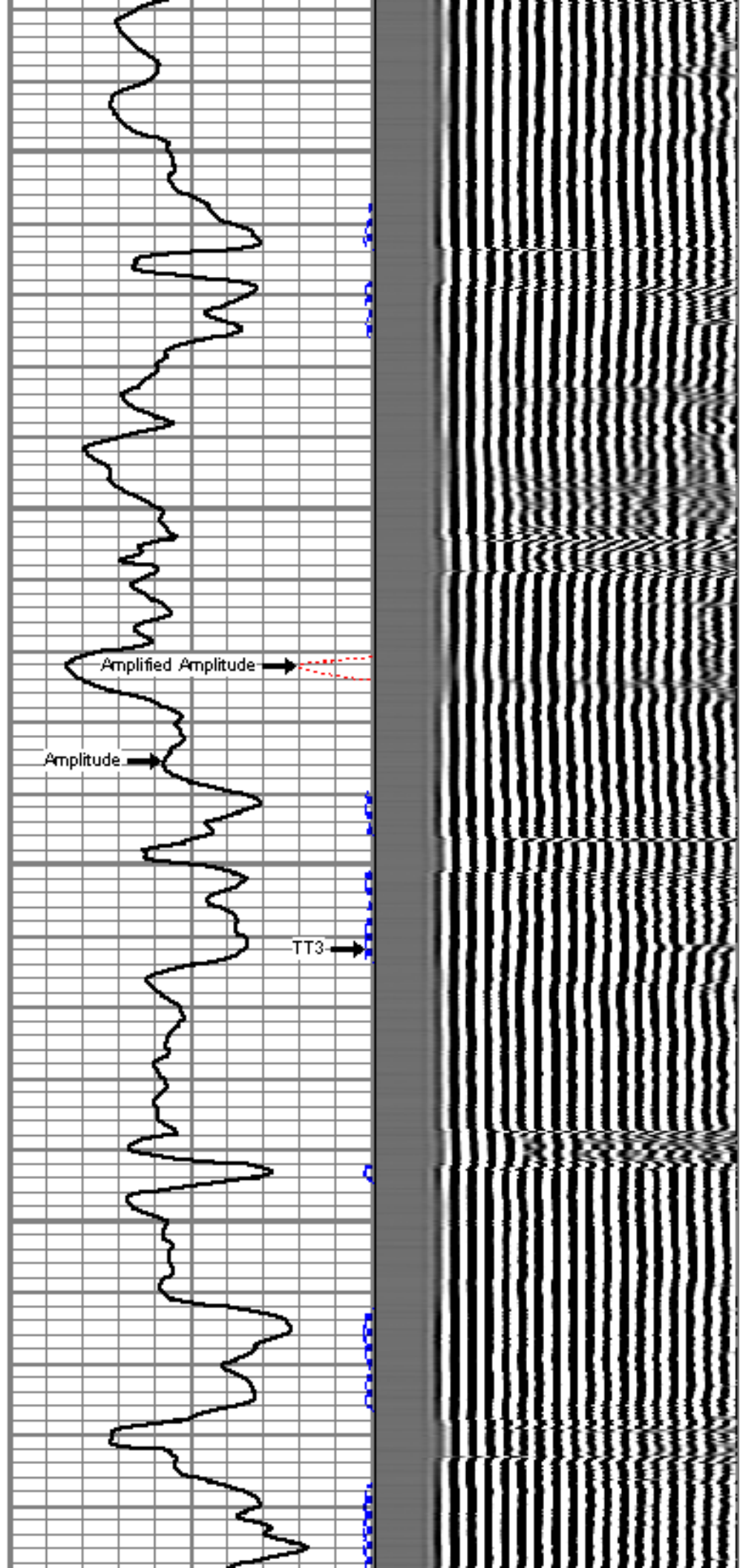
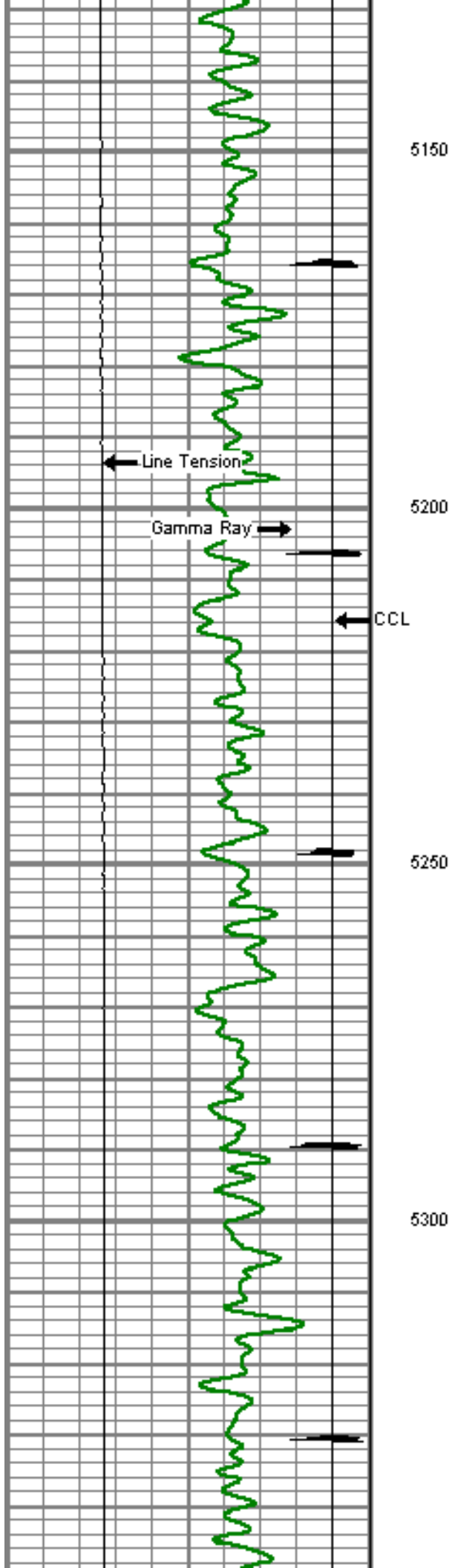
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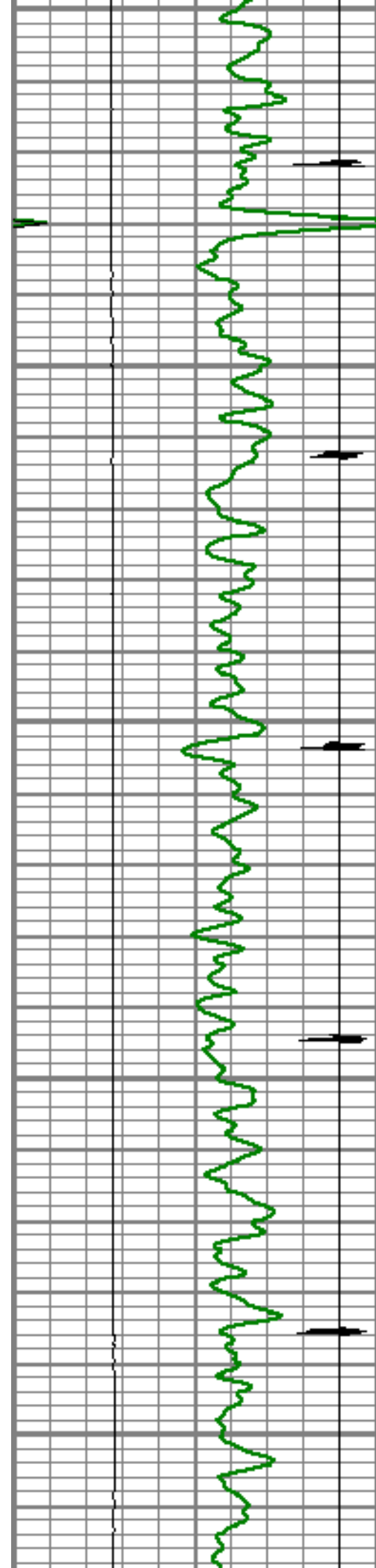
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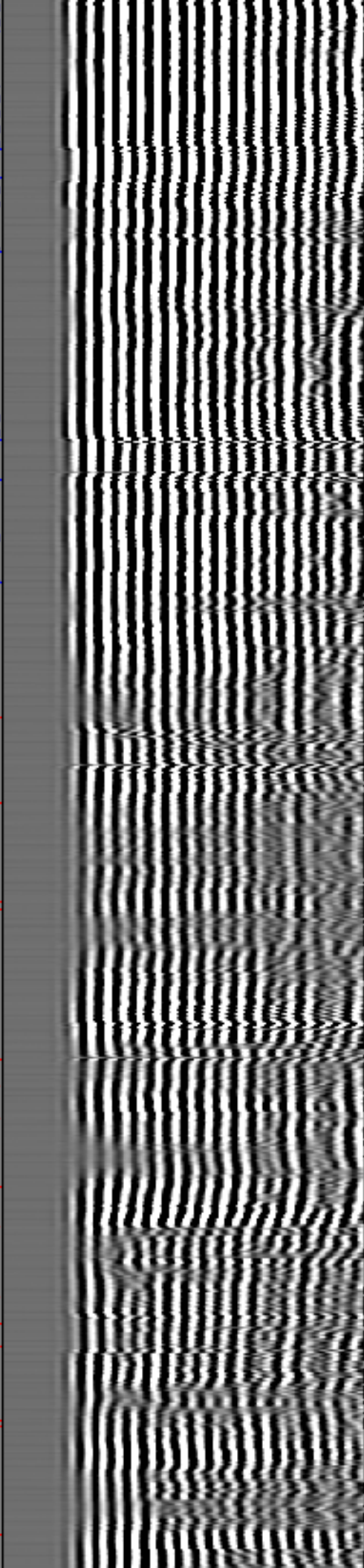
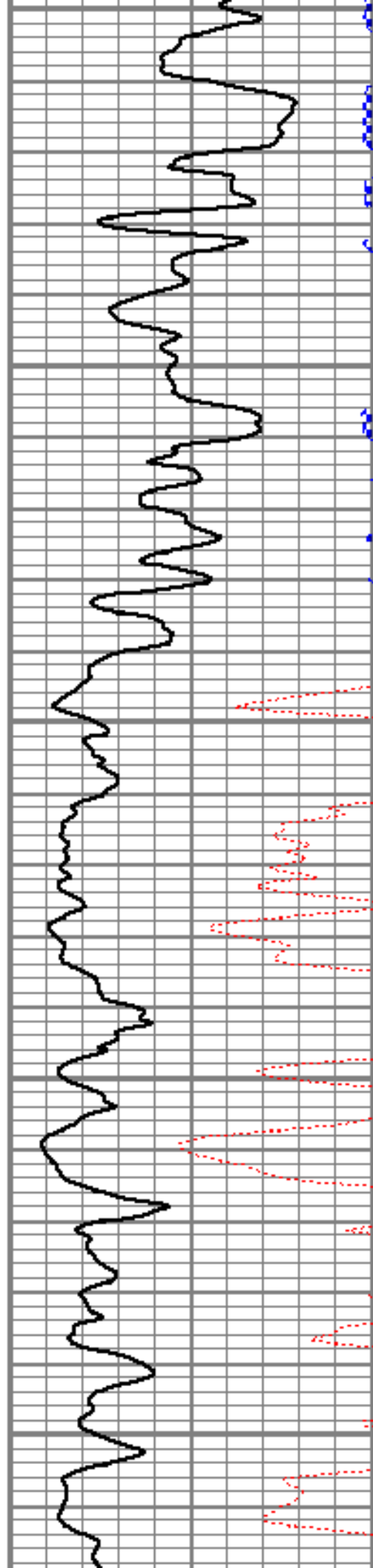
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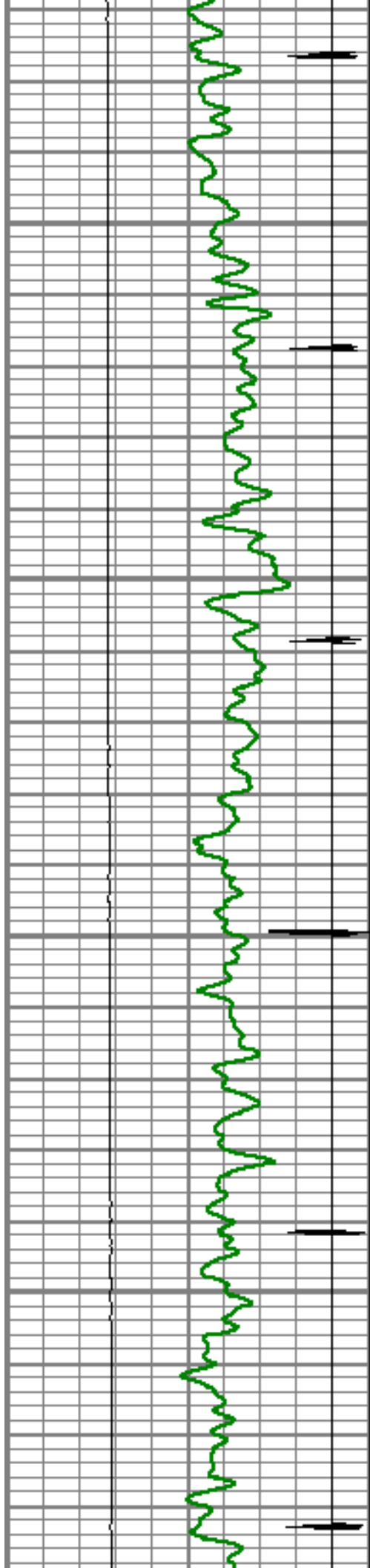
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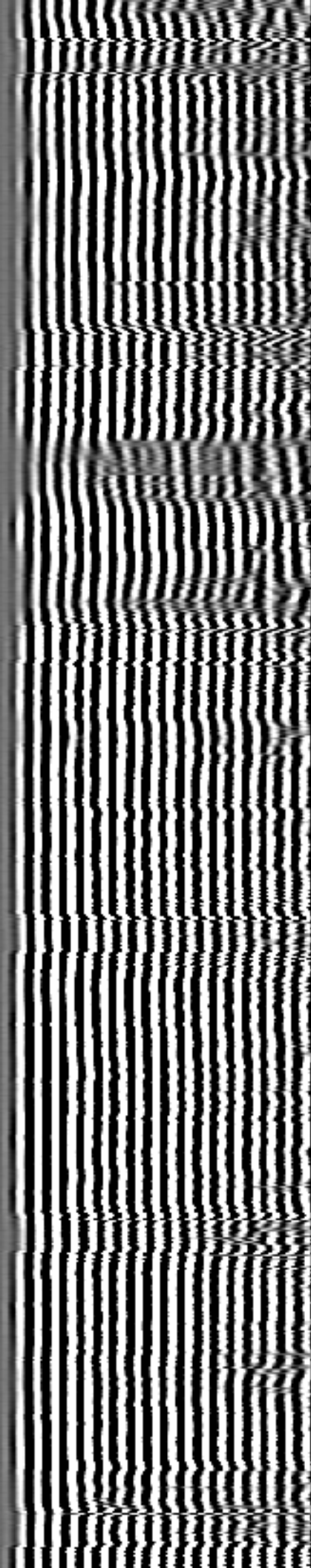
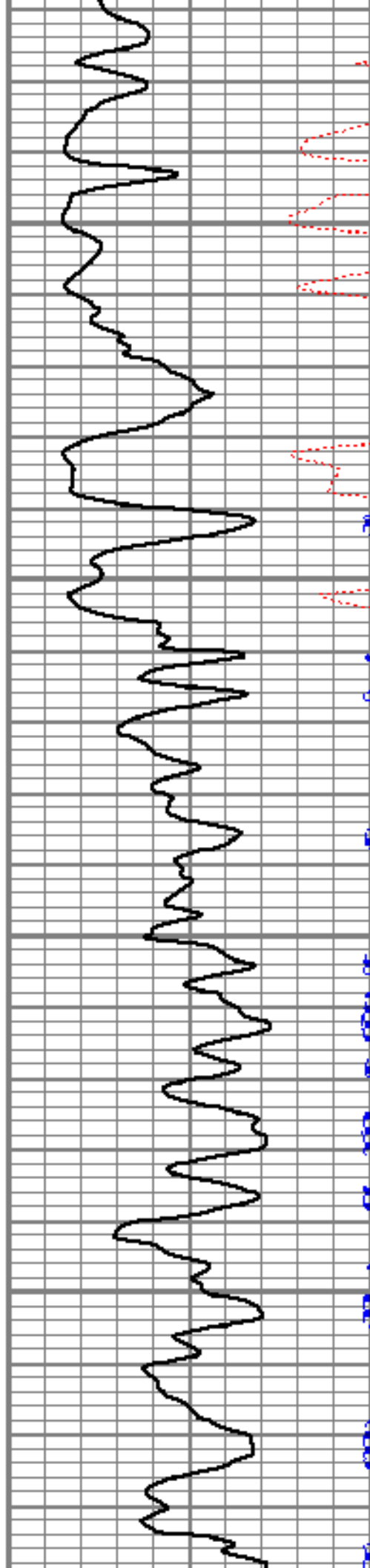


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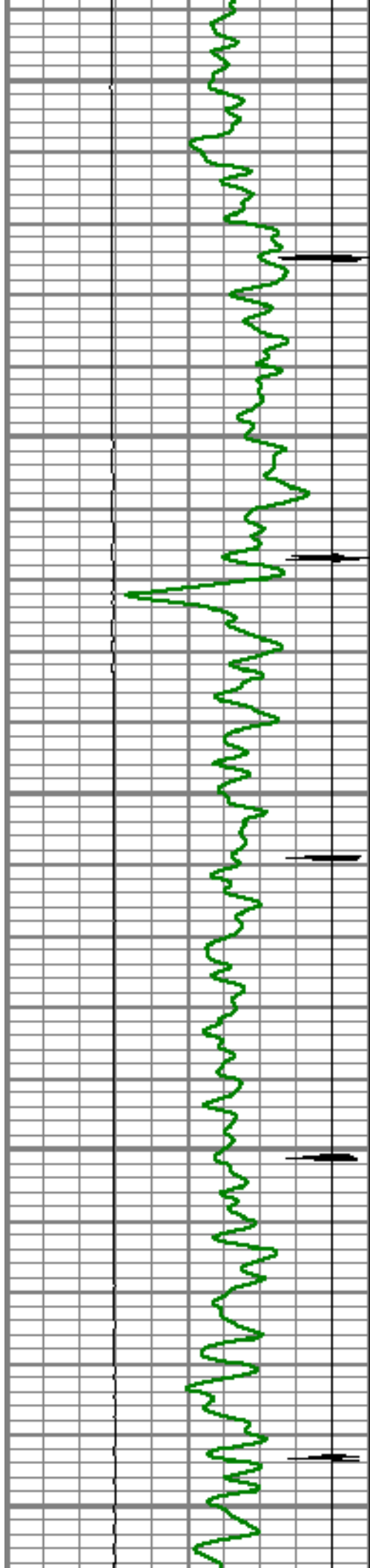
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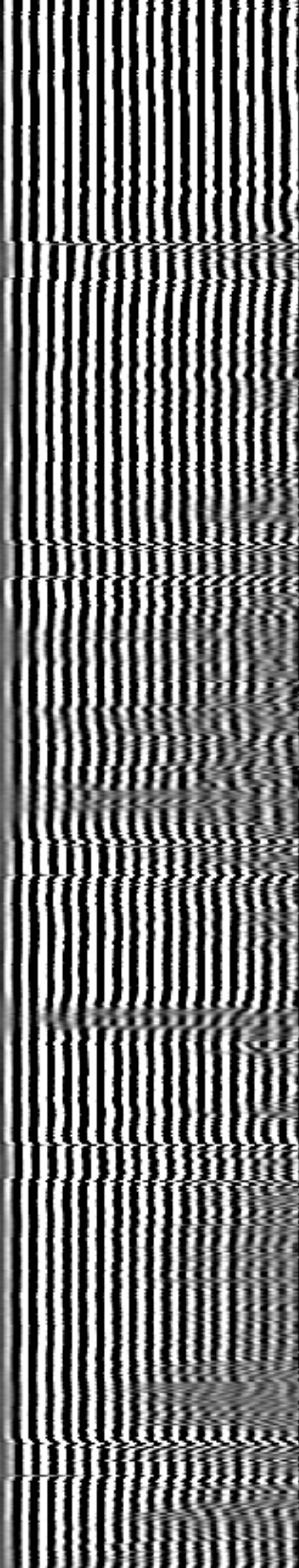
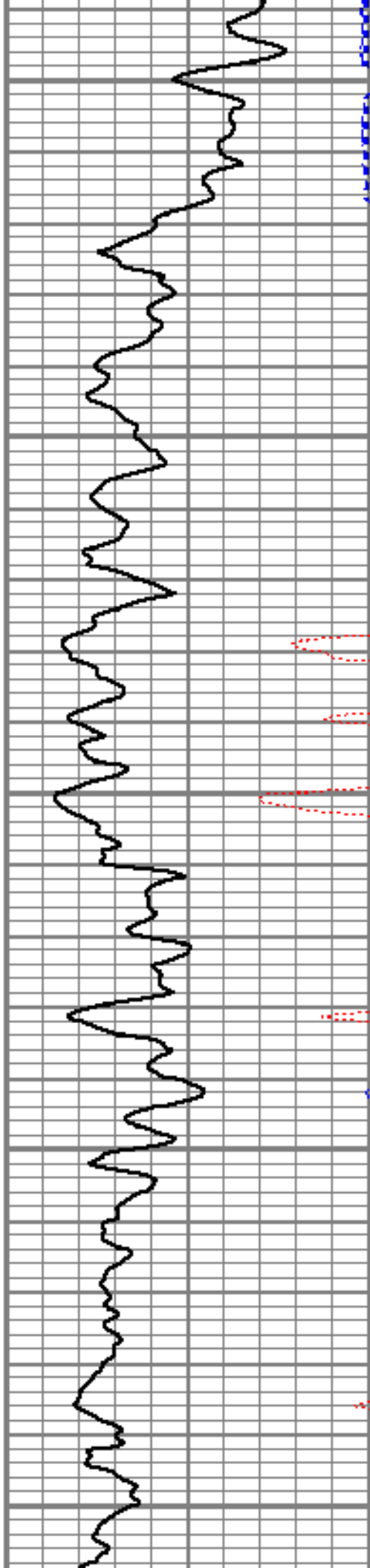
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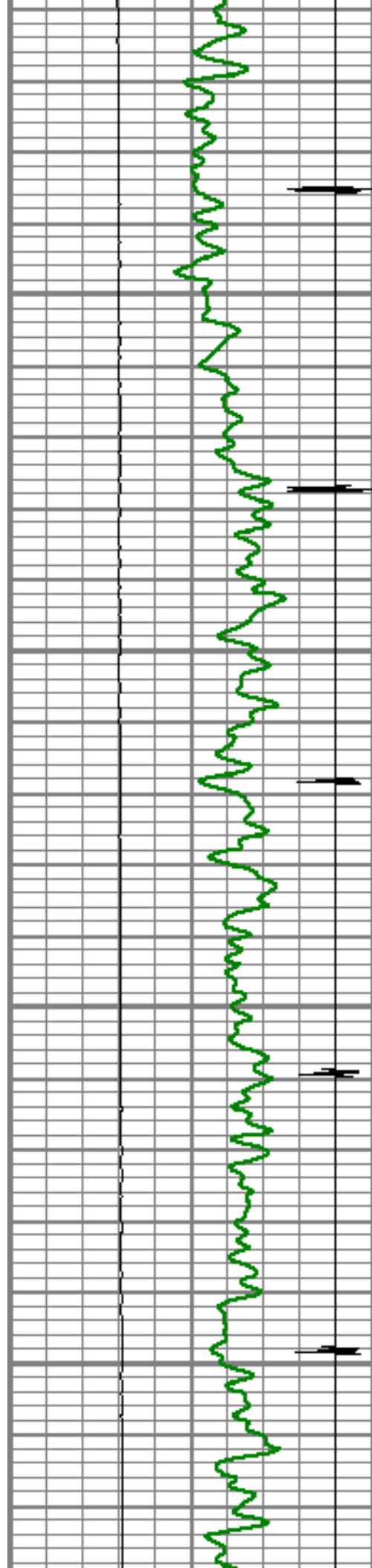
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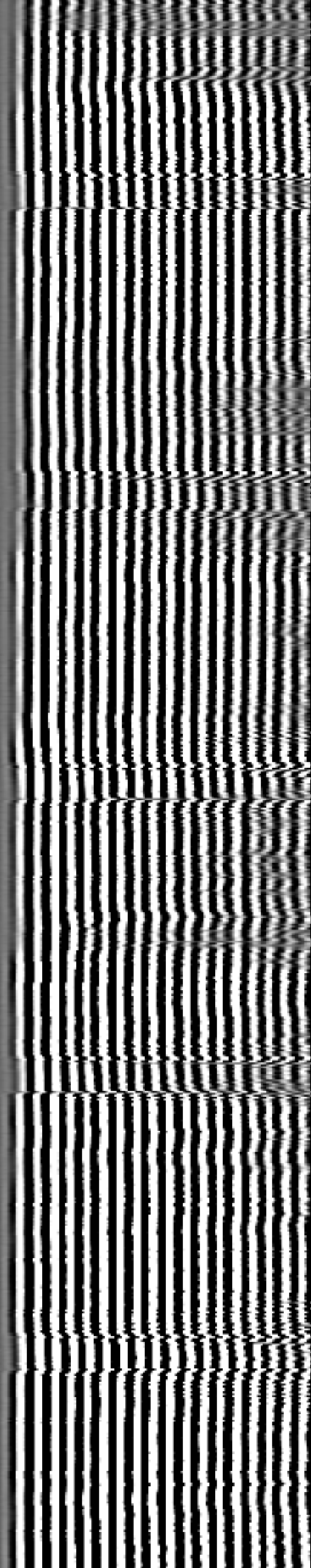
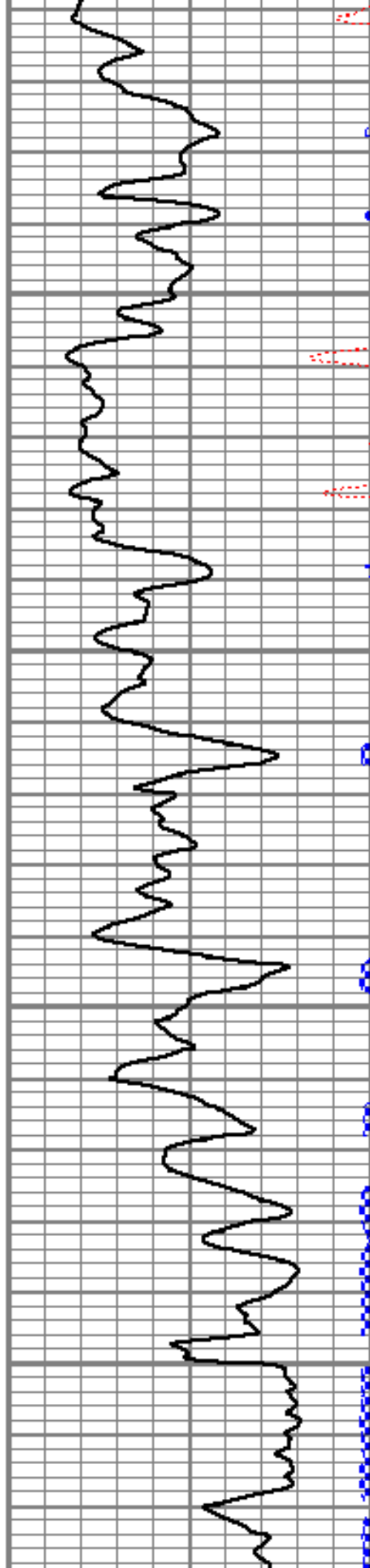


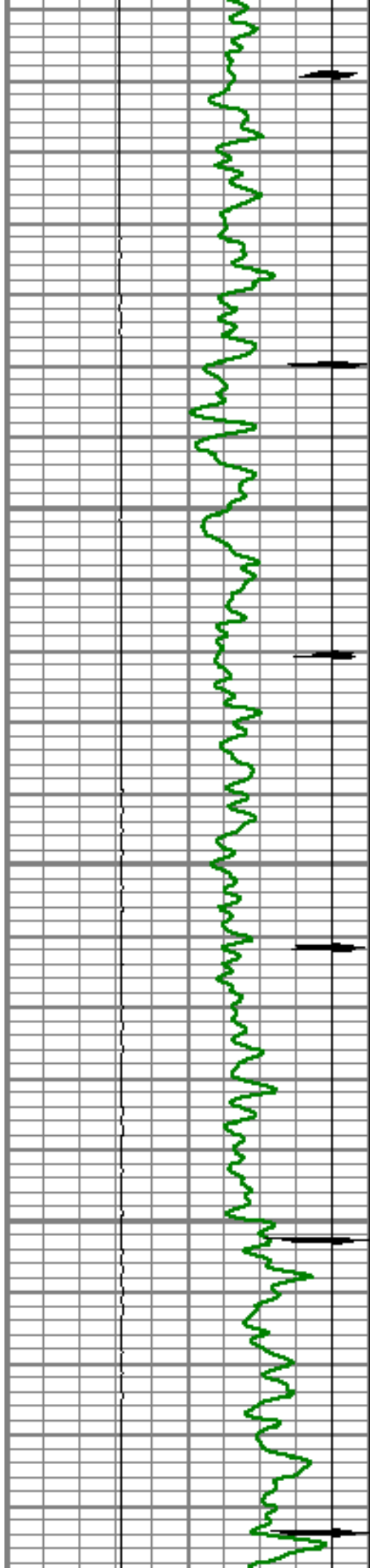
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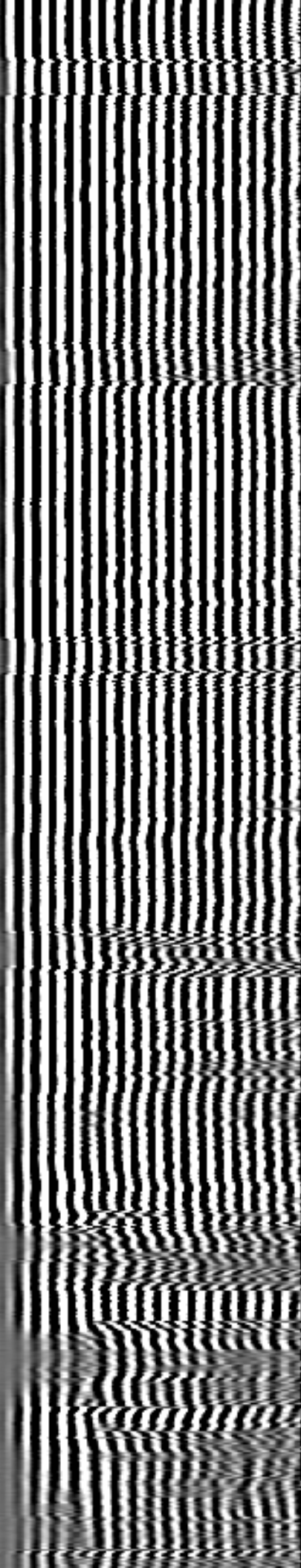
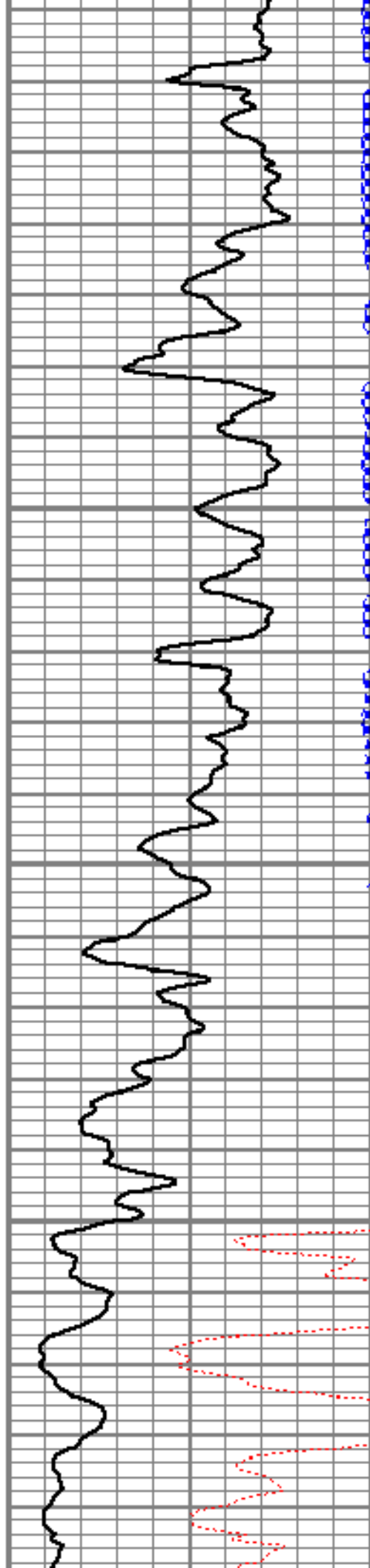


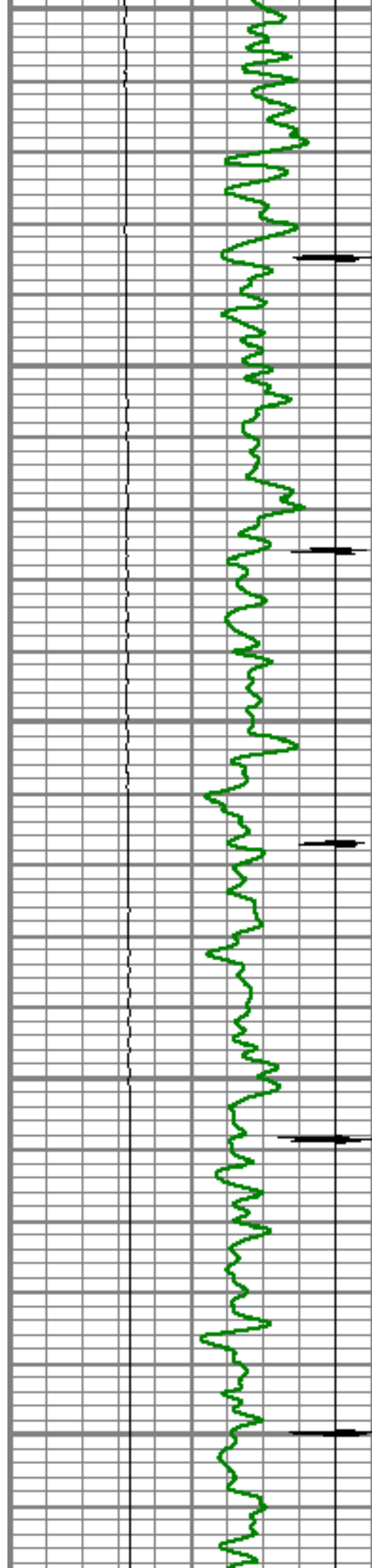
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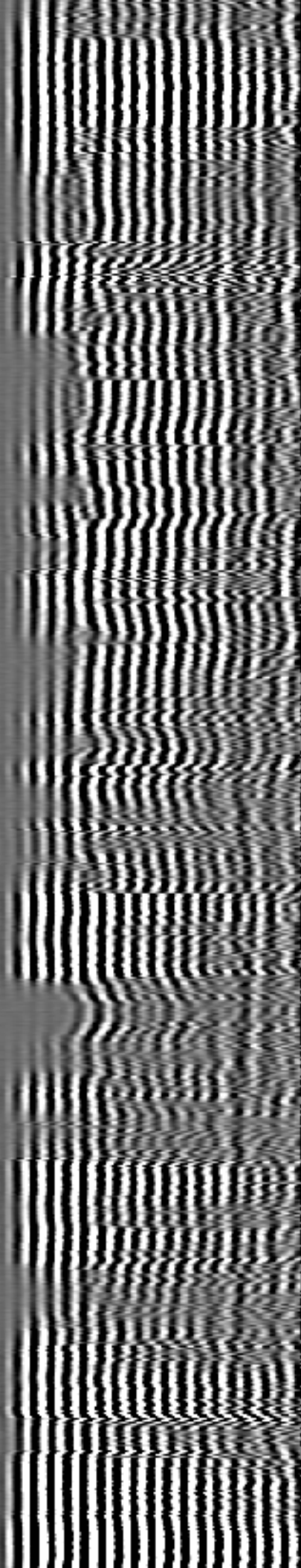
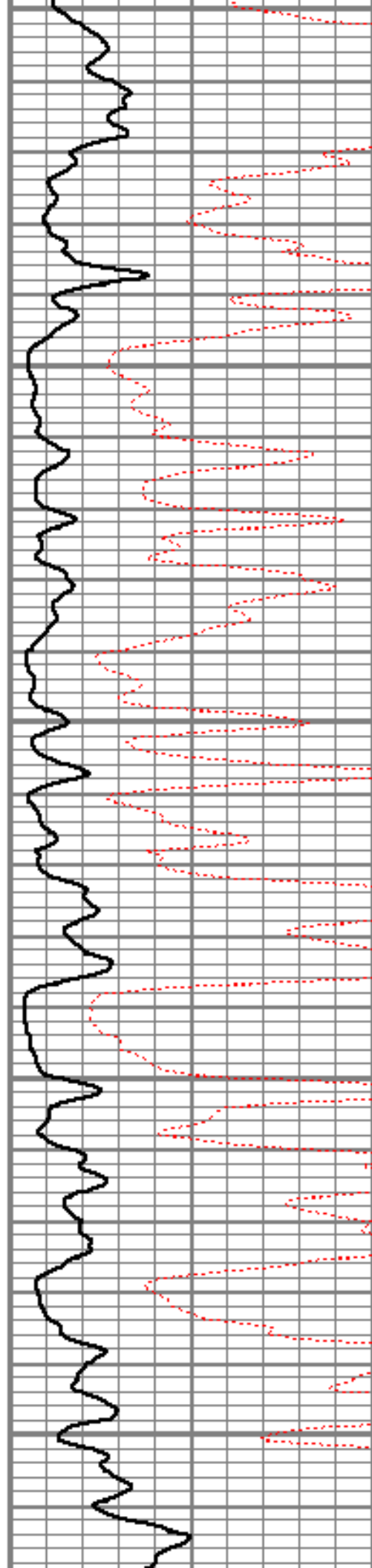
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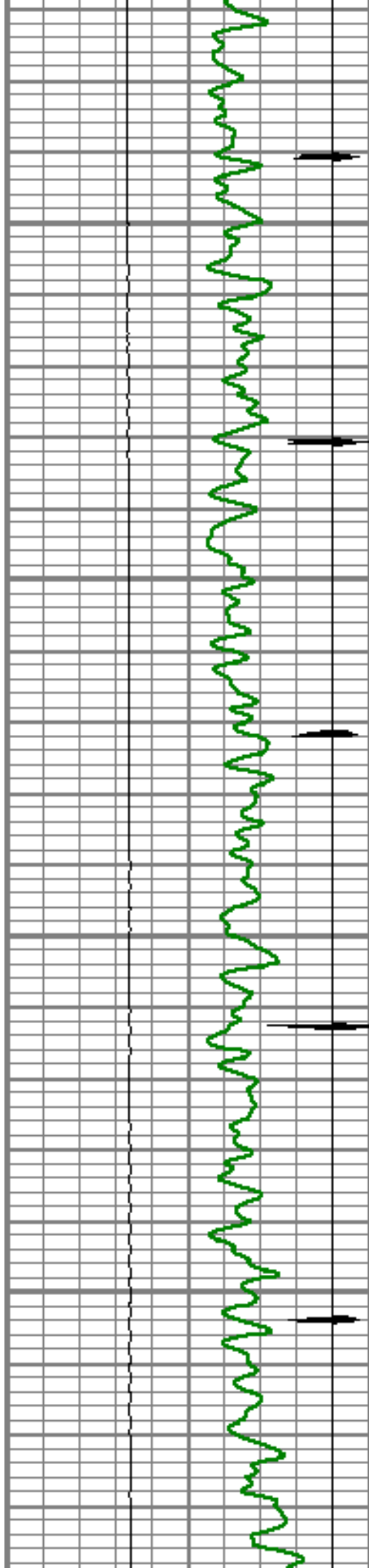
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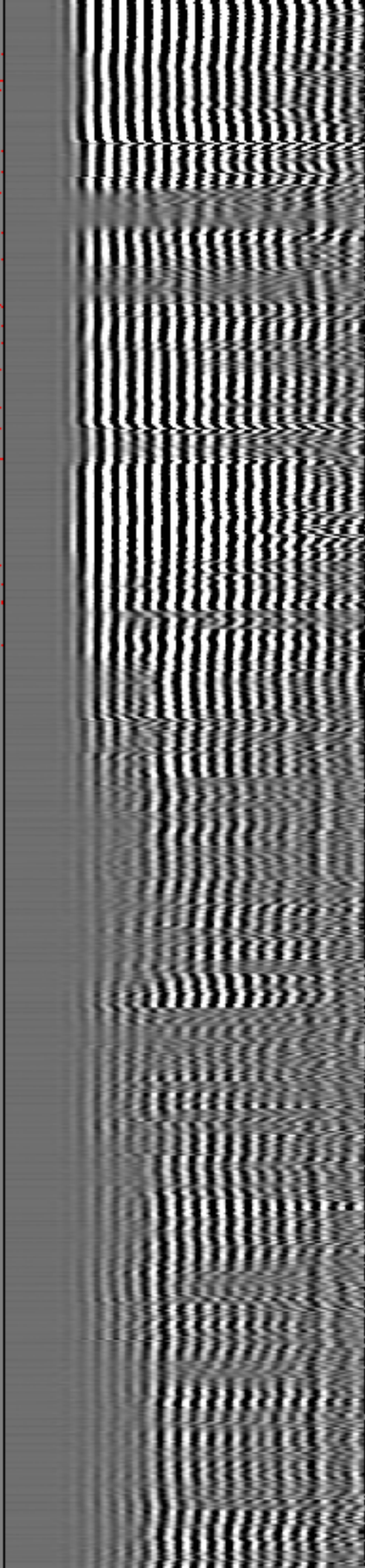
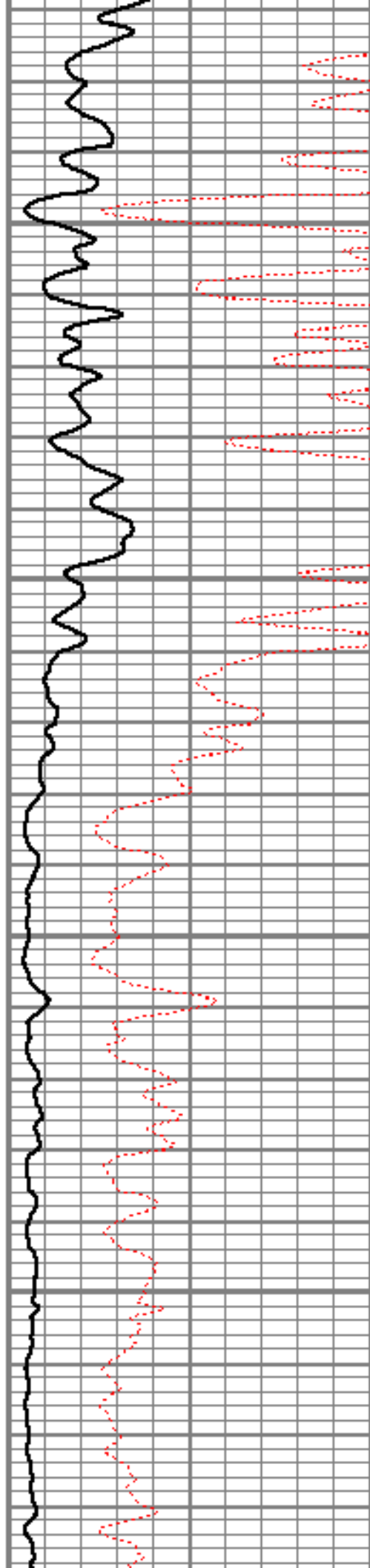


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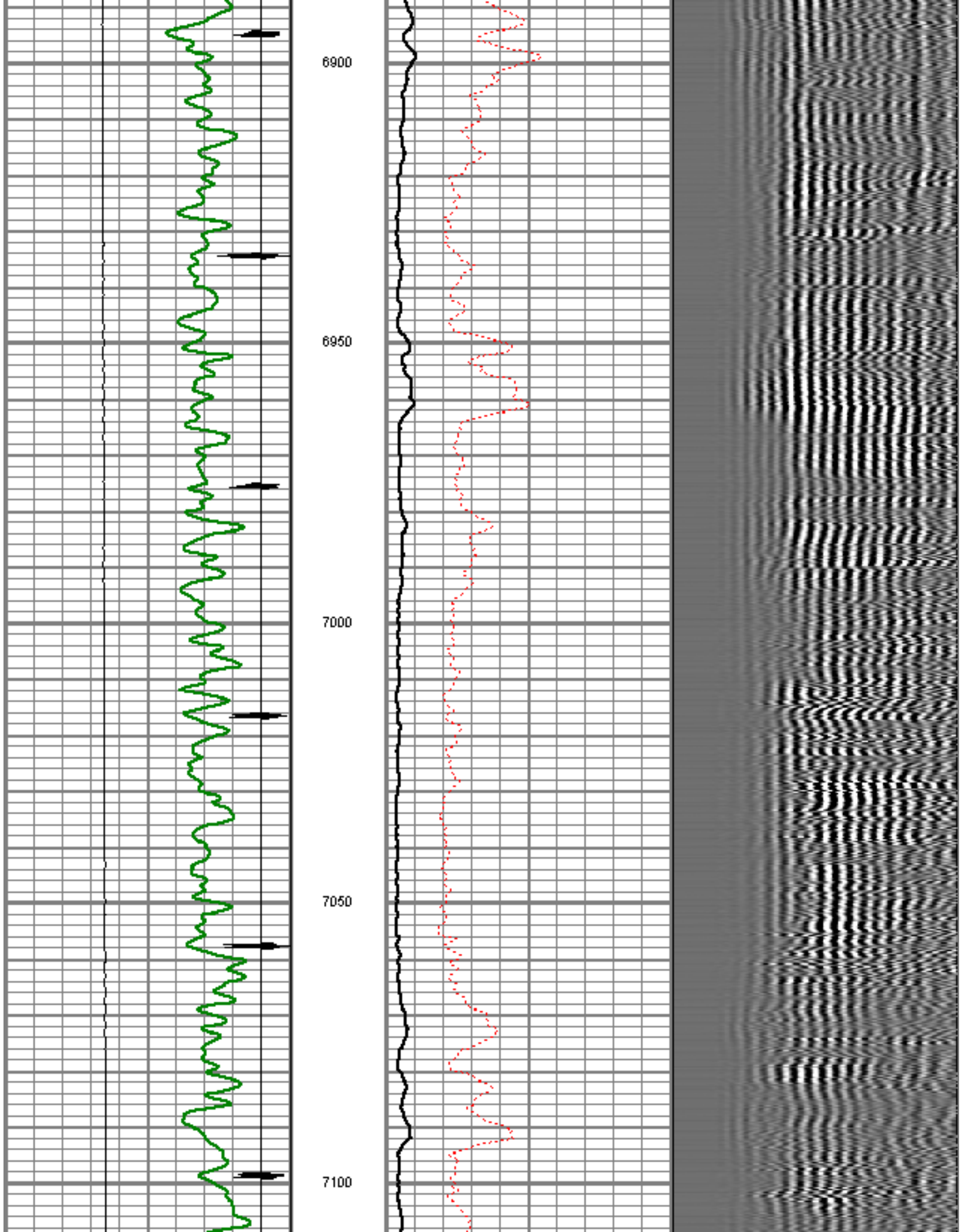
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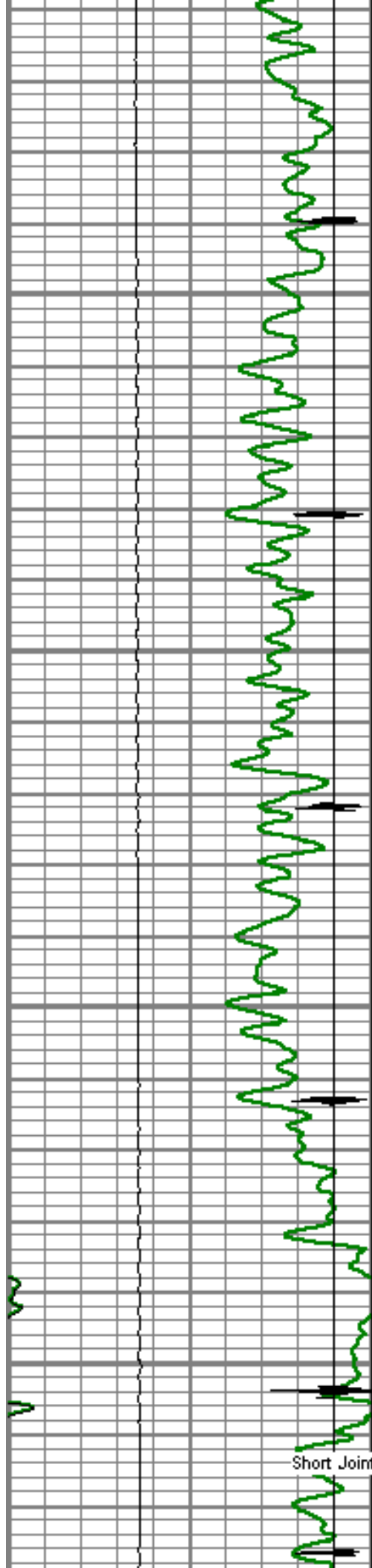
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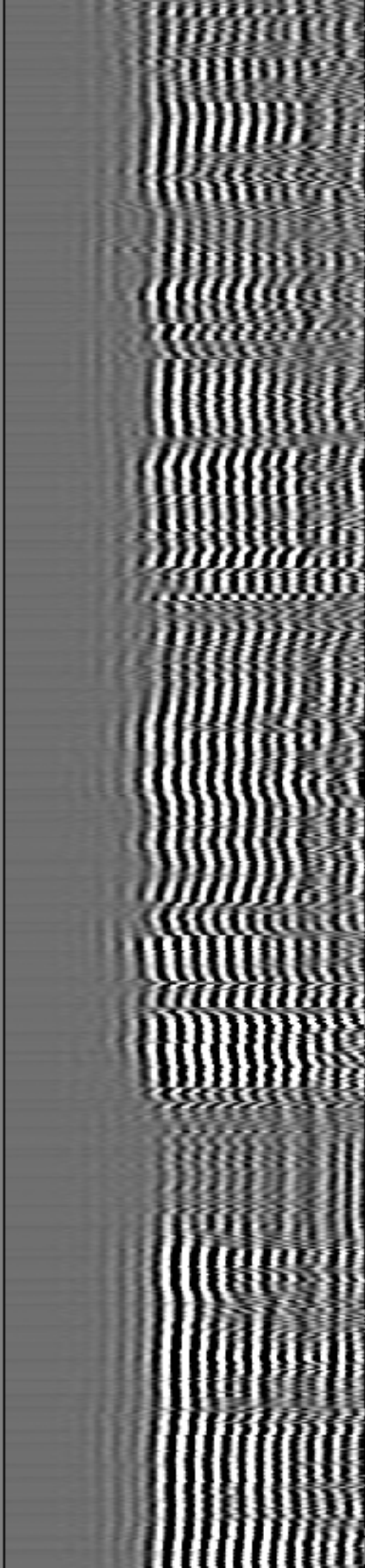
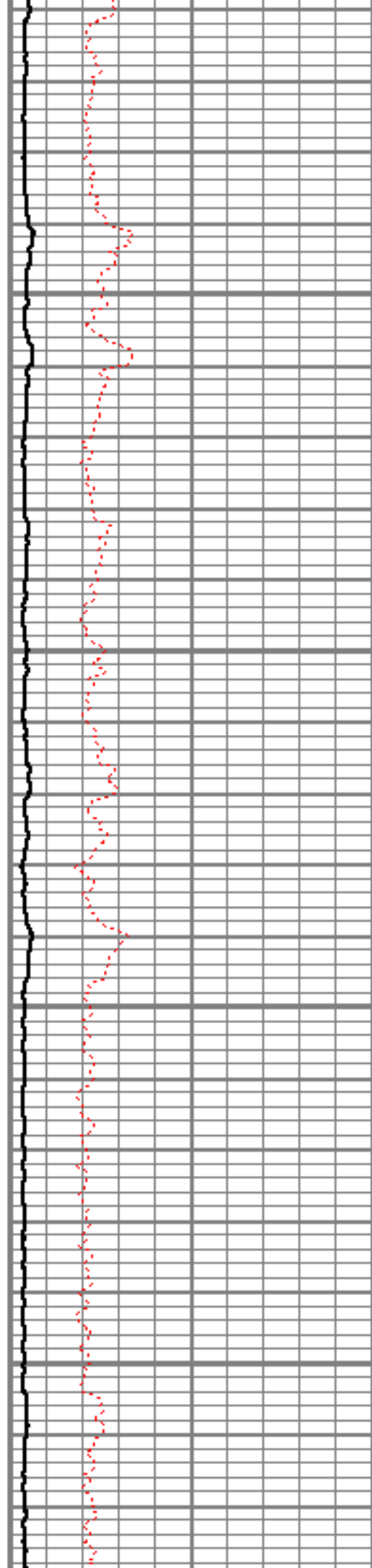
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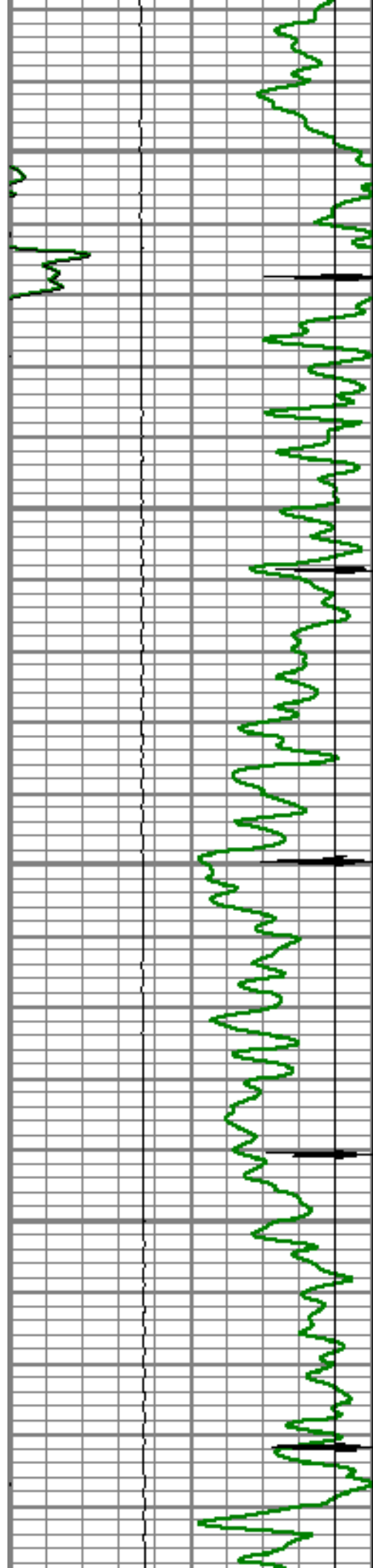
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Short Joint



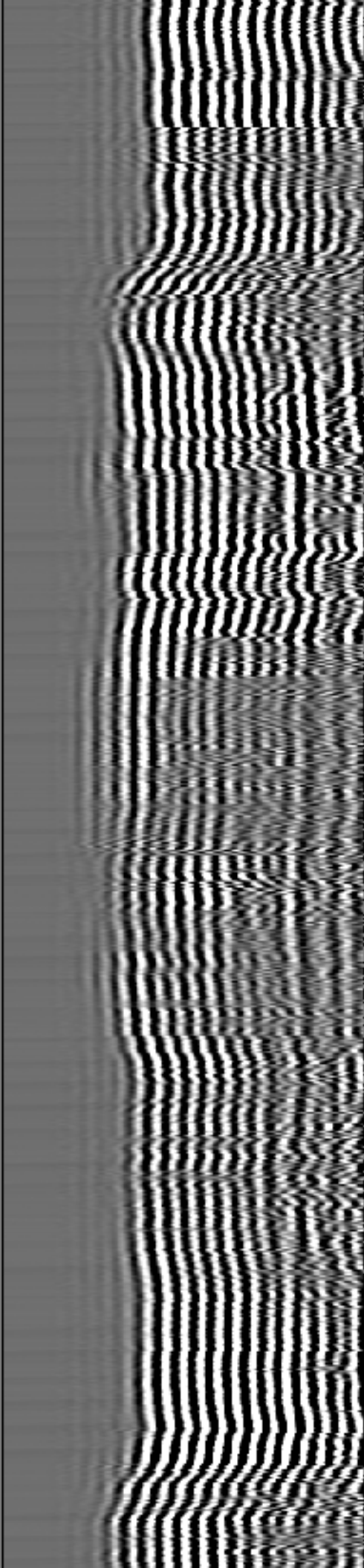
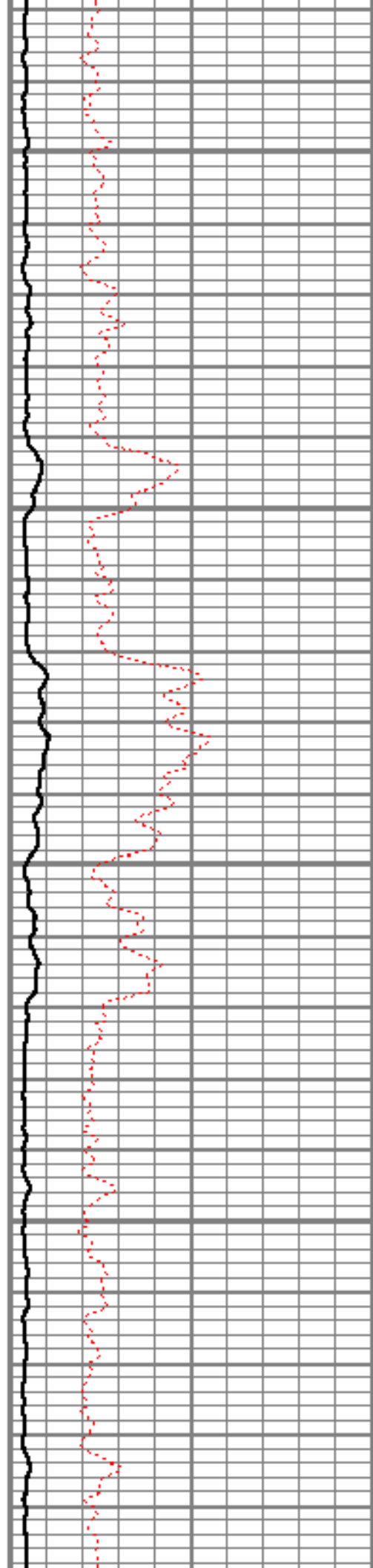


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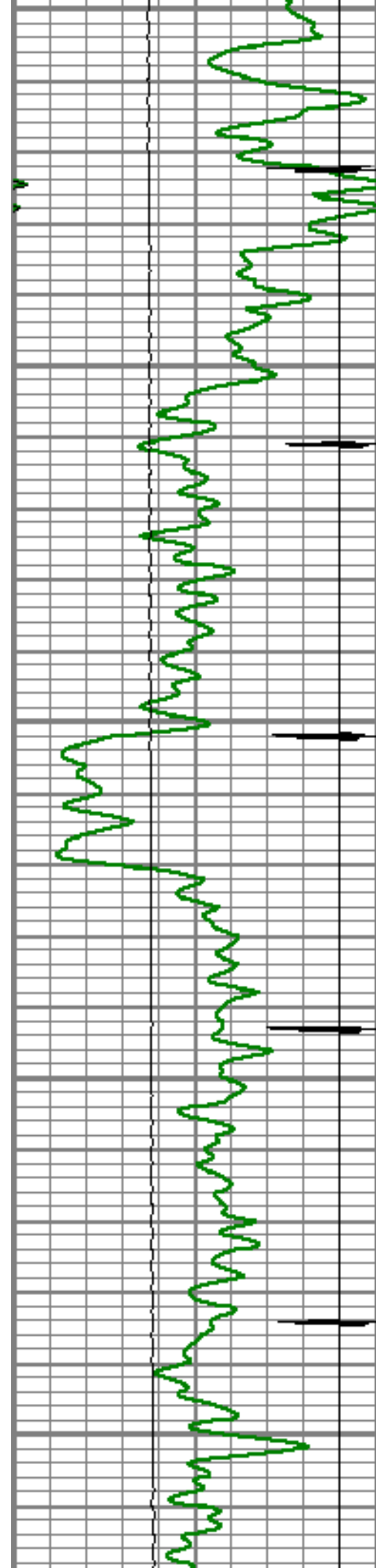
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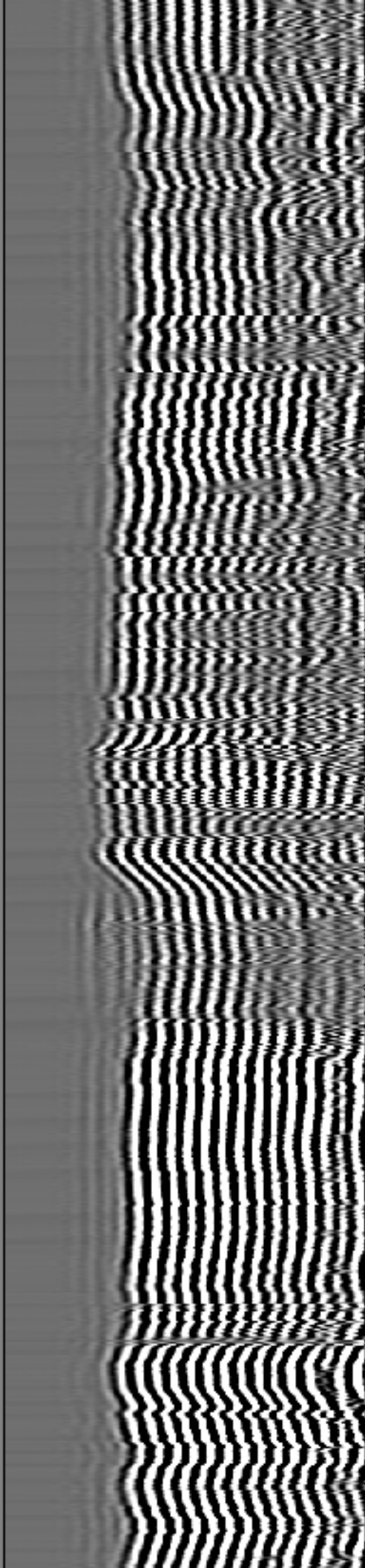
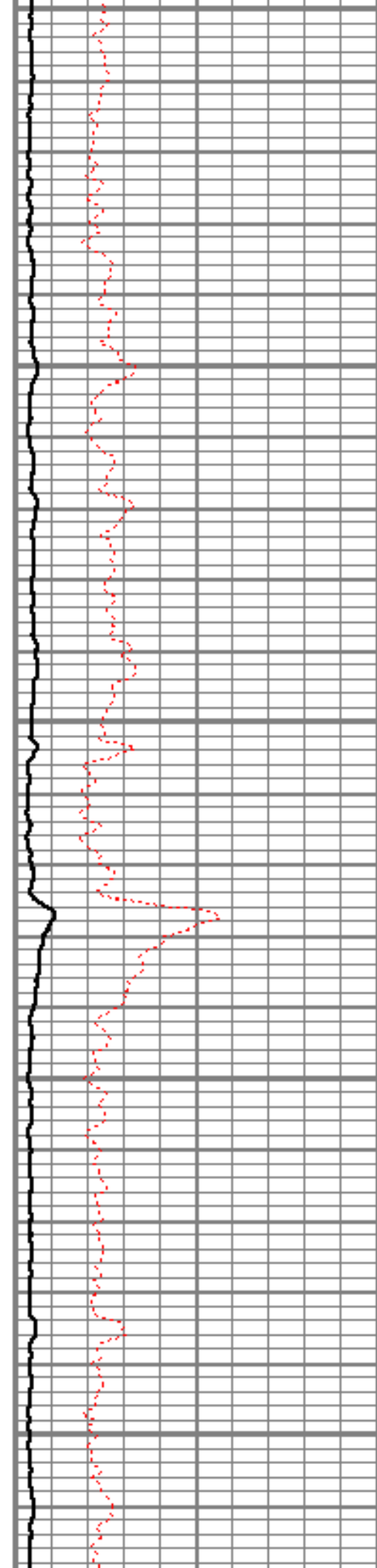
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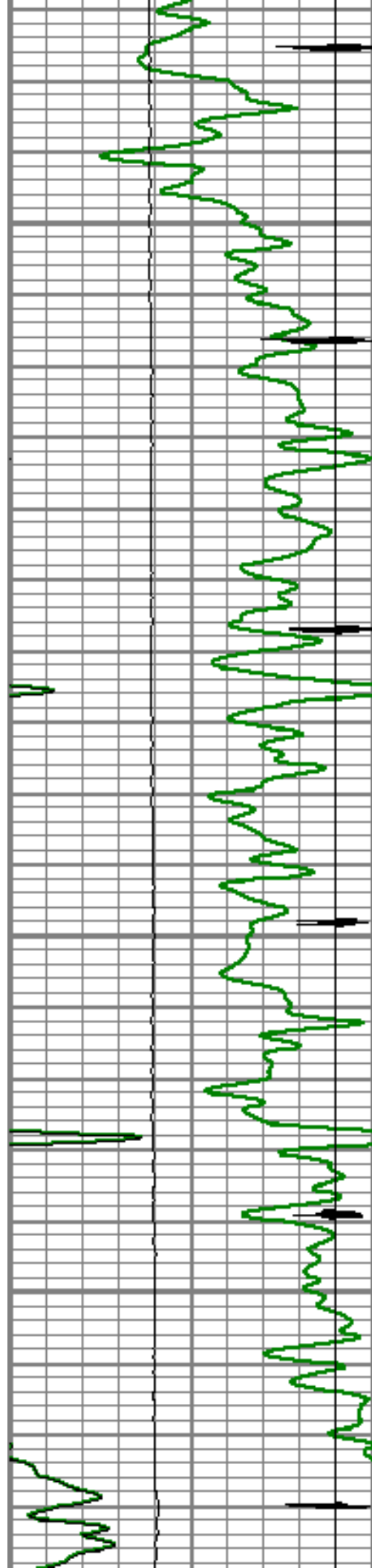
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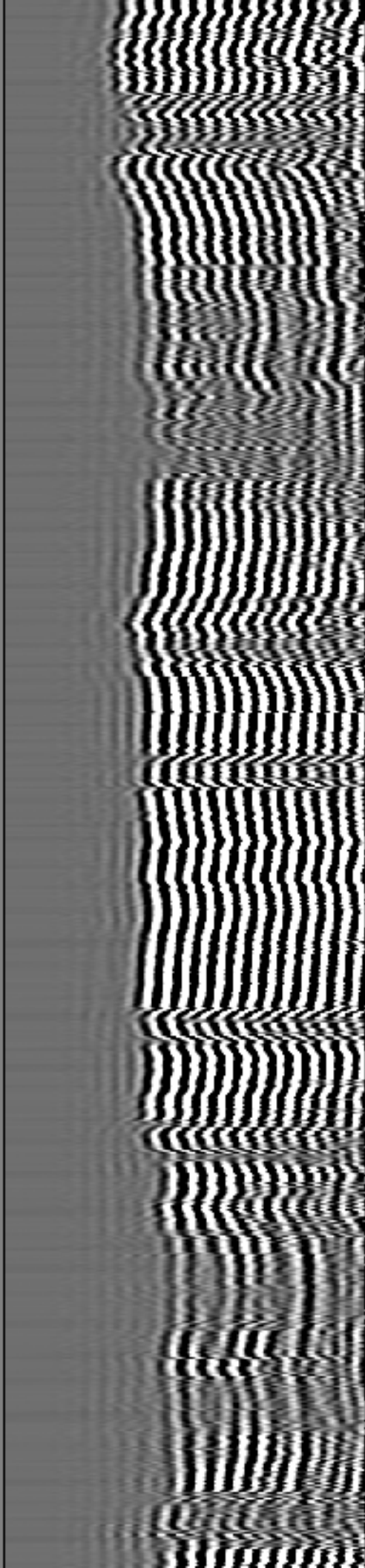
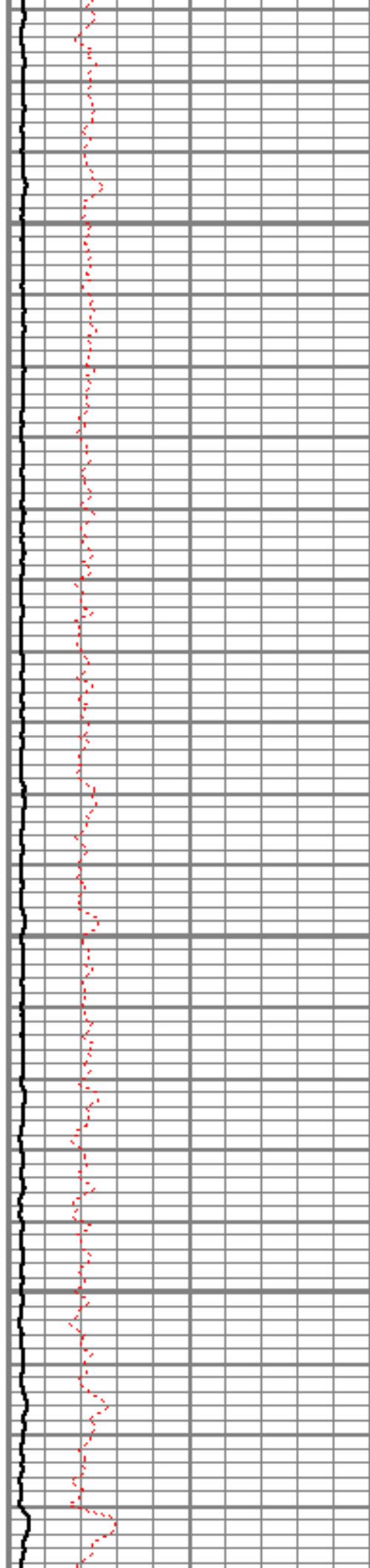


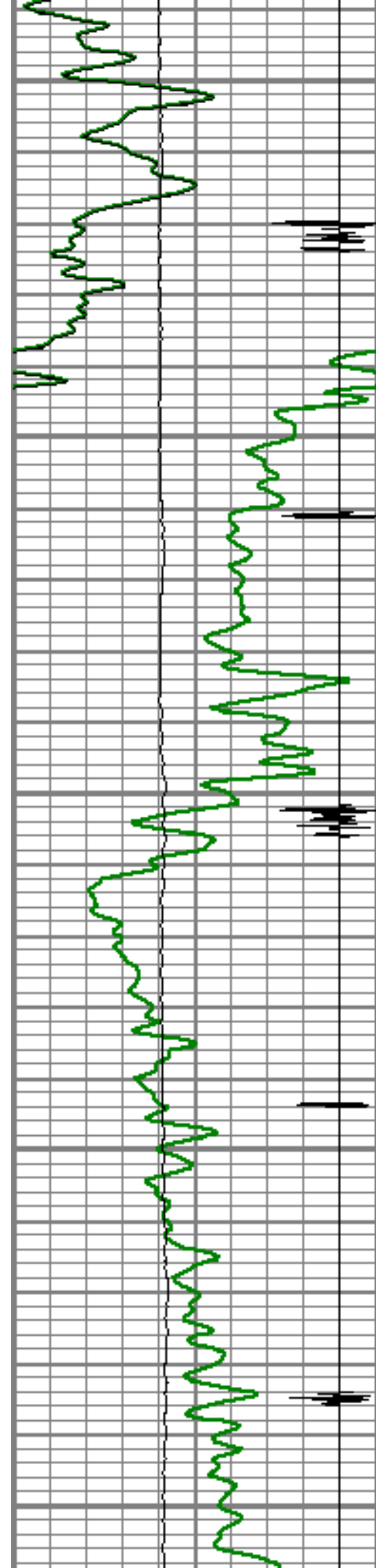
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7950





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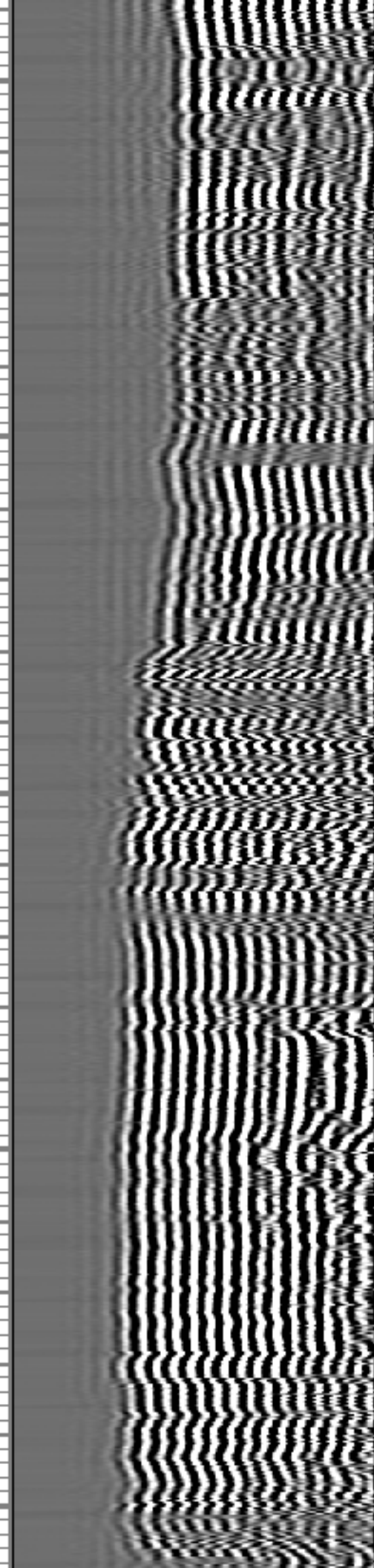
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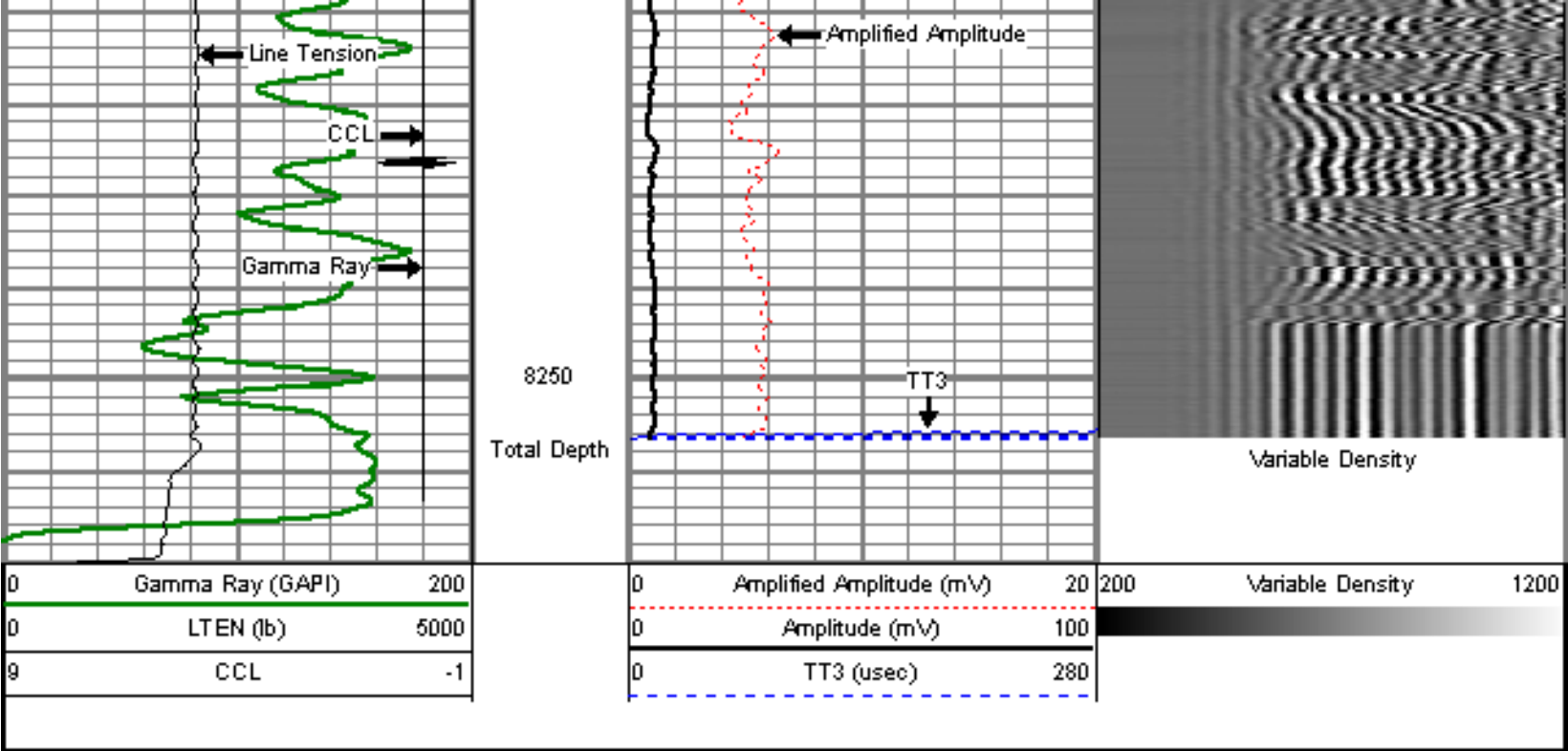
8150

8200

← Amplitude







Company ENCANA OIL & GAS (USA) INC.  
Well RAY NELSON 2-4-32  
Field WATTENBERG  
County WELD  
State COLORADO