



CEMENT BOND LOG

Mesa Wireline

Company	BAYSWATER EXPLORATION AND PRODUCTION		
Well	NC FARMS 15-32		
Field	WATTENBERG		
County	WELD		
State	CO		
Company BAYSWATER EXPLORATION AND PRODUCTION		Other Services	
Well NC FARMS 15-32		NONE	
Field WATTENBERG			
County WELD		State CO	
Location:	API # : 05-123-34789-0000		Elevation K.B. 4818 D.F. 4817 G.L. 4804'
SHL: 185' FSL & 785' FEL SESE			
SEC: 32 TWP: 7N RGE: 64W			
Permanent Datum GROUND LEVEL Elevation 7454'			
Log Measured From KELLY BUSHING = 14'			
Drilling Measured From KB			

Date	23 FEB 2012				
Run Number	ONE				
Depth Driller	7458'				
Depth Logger	7390'				
Bottom Logged Interval	7390'				
Top Log Interval	600'				
Open Hole Size	7.875"				
Type Fluid	WATER				
Density / Viscosity	~8.34 PPG				
Max. Recorded Temp.	242 DegF				
Estimated Cement Top	2850'				
Time Well Ready	N/A				
Time Logger on Bottom	N/A				
Equipment Number	W-061				
Location	AULT, CO				
Recorded By	M. CARPENTER				
Witnessed By	R. PAPE				
Borehole Record					
Run Number	Bit	From	To	Size	Tubing Record
ONE					Weight
					From
					To
Casing Record	Size		Wt/Ft	Top	Bottom
Surface String	8.625"		24#	SURFACE	815'
Prot. String					
Production String	4.5"		11.6#	SURFACE	7441'
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

CORRELATED TO HALLIBURTON SPECTRAL DENSITY DUAL SPACED NEUTRON ARRAY COMPENSATED TRUE RESISTIVITY LOG
SHORT JOINT LOCATED @ 6933' - 6953'
EXCELLENT CEMENT FROM TD TO 2850'
FAIR CEMENT FROM 2850' TO 1250'

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

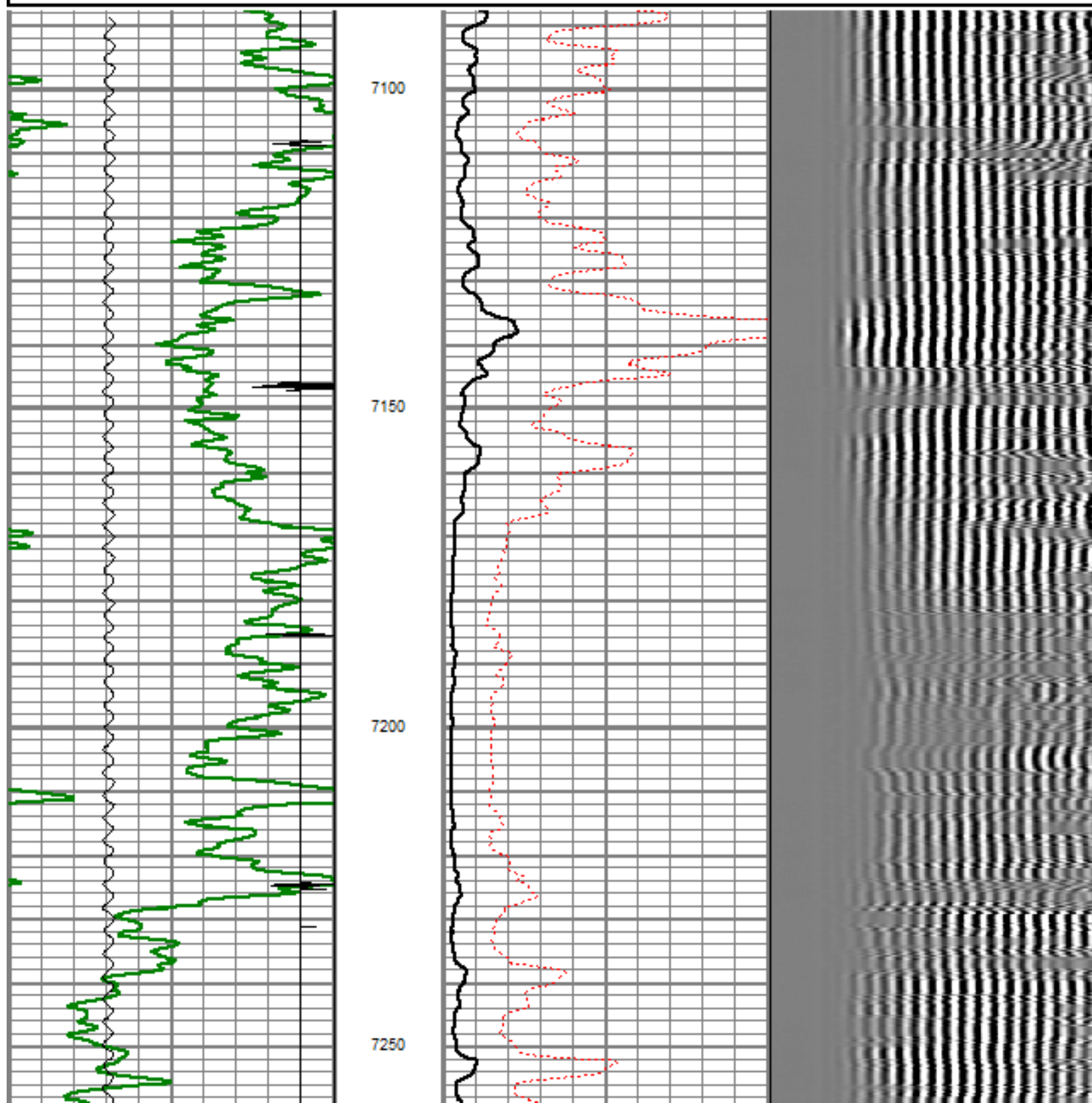


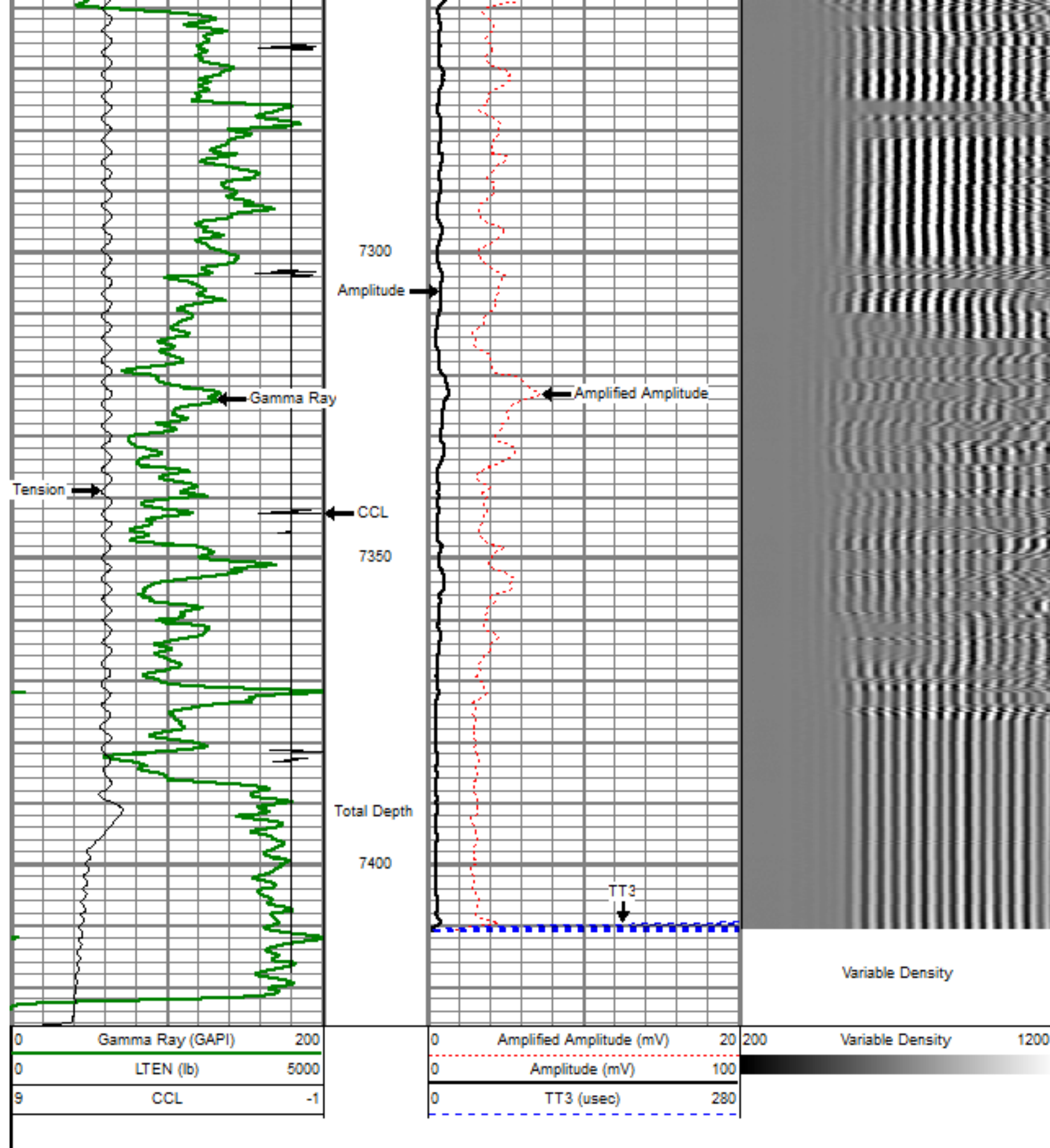
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Charted by: Depth in Feet scaled 1:240

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0	LTEN (lb)	5000
9	CCL	-1

0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	Amplitude (mV)	100			
0	TT3 (usec)	280			





MAIN PASS

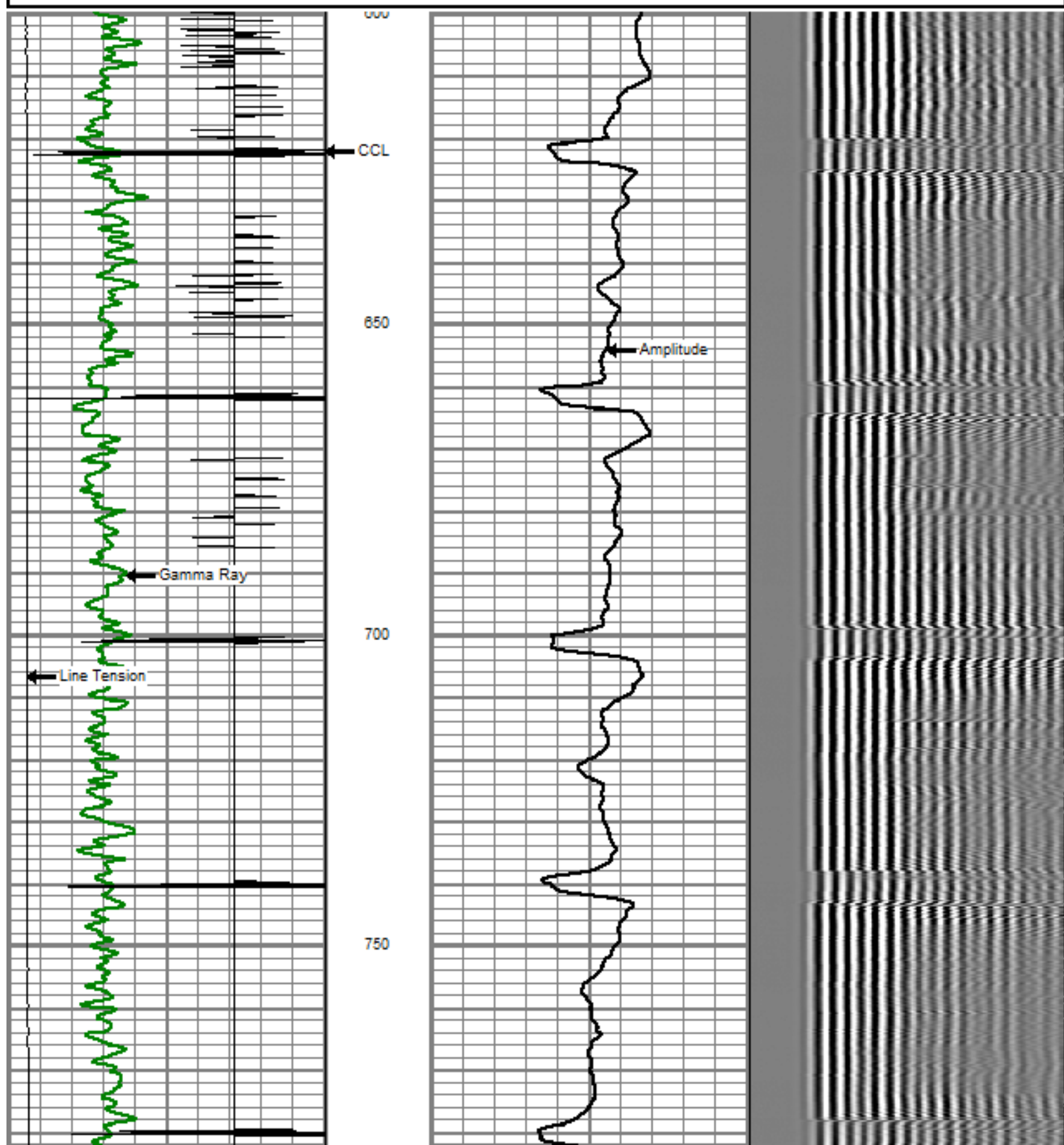
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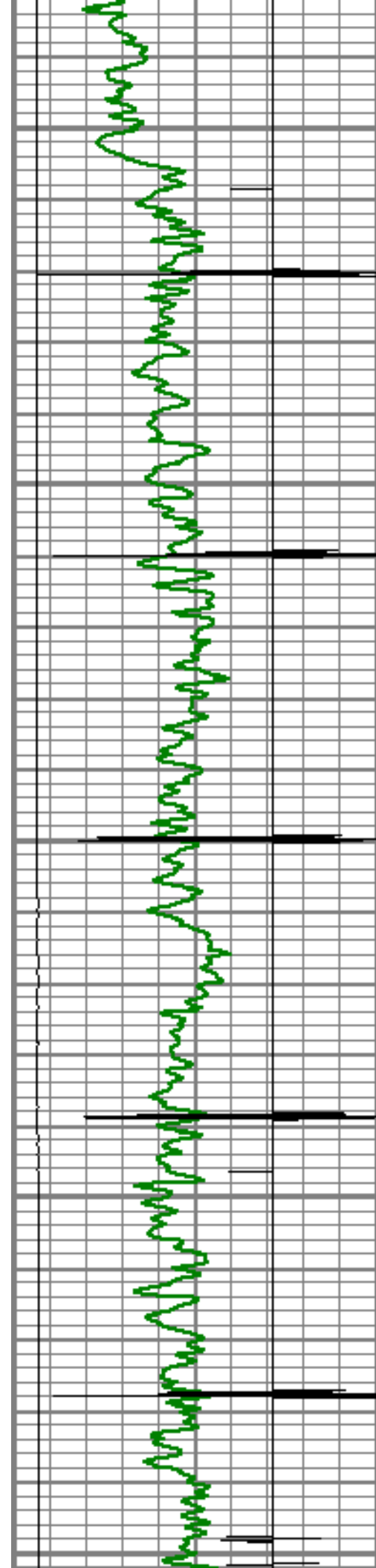
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0	LTEN (lb)	5000
2.5	CCL	-1

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

200	Variable Density	1200
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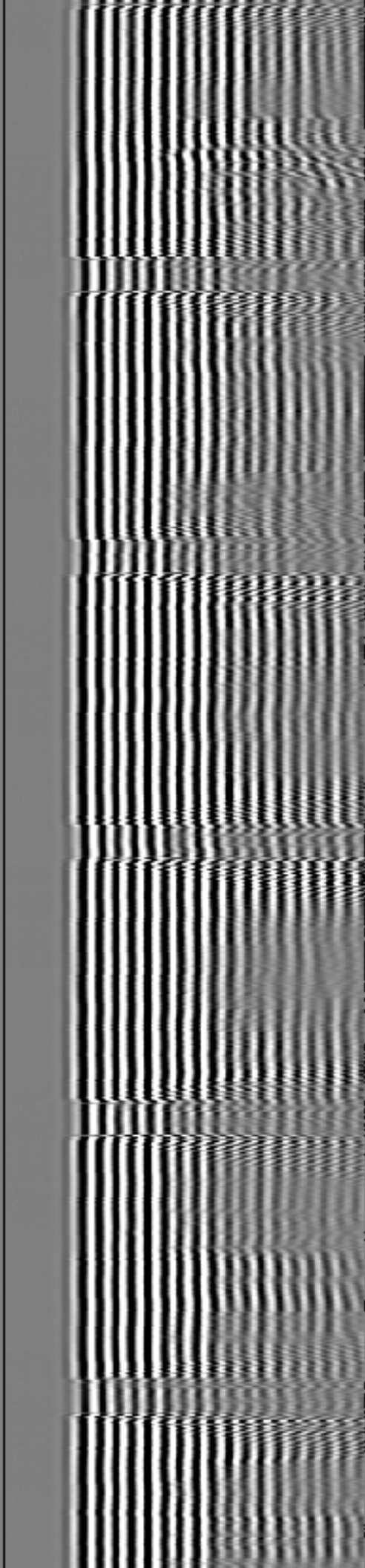
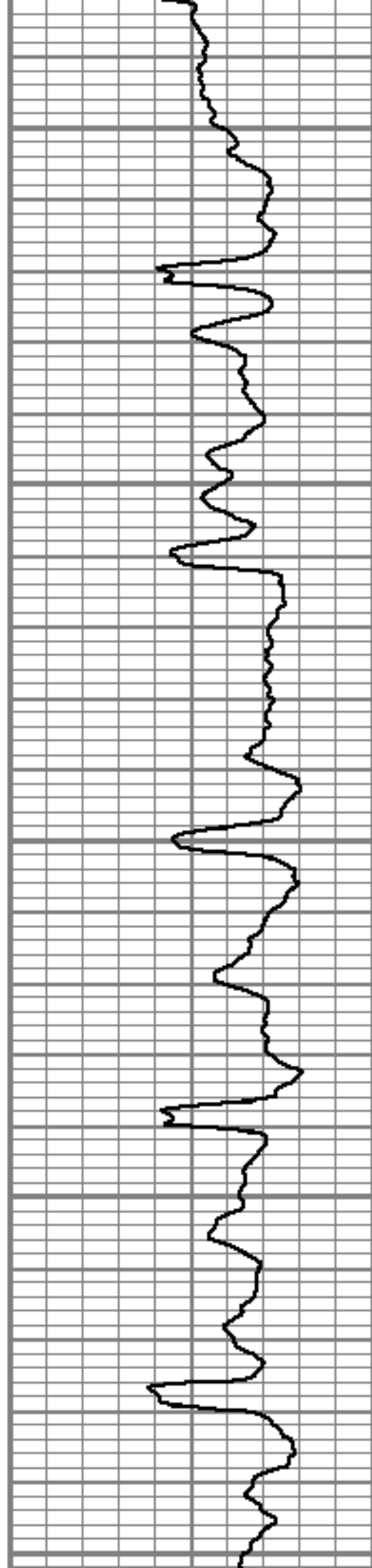
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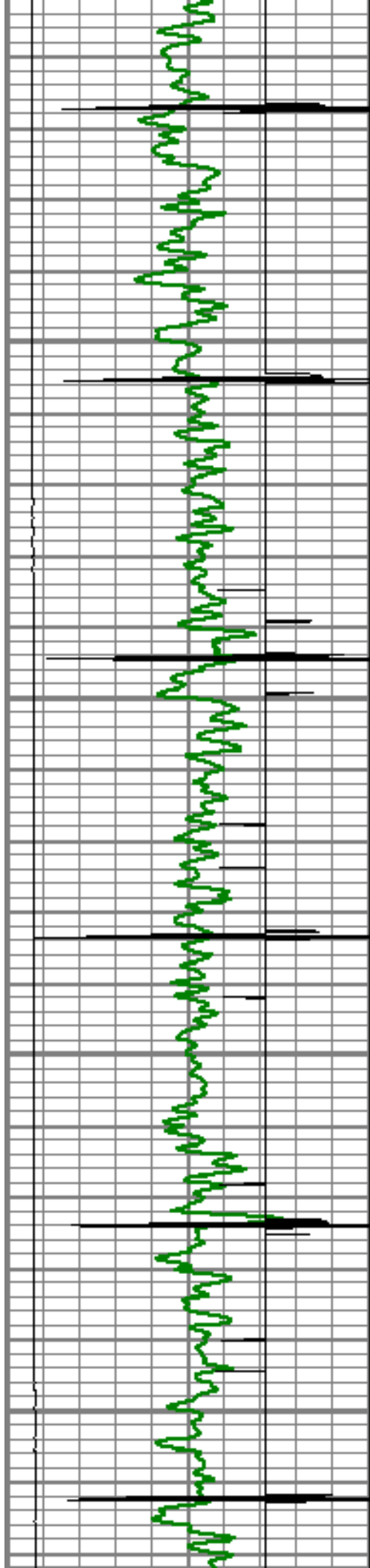
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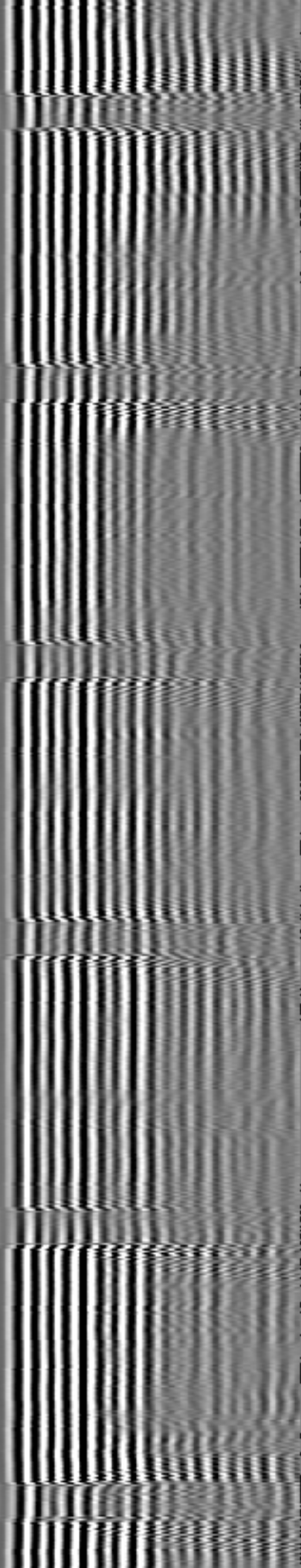
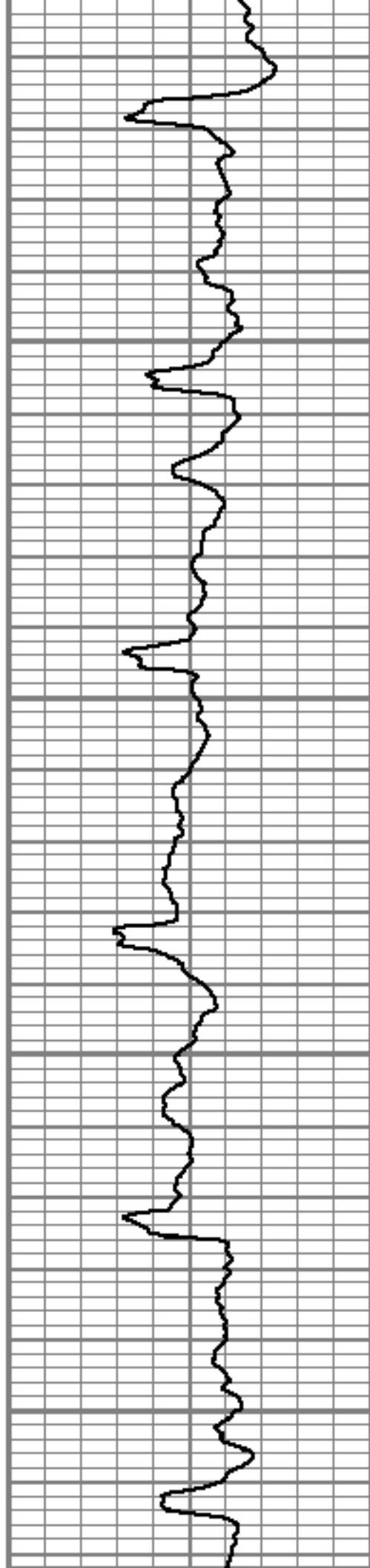


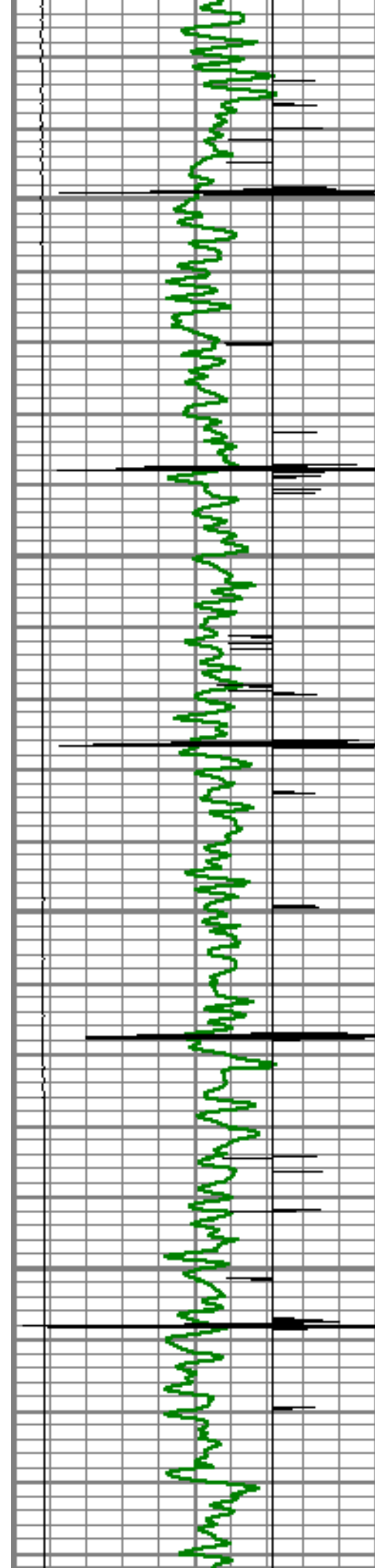
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1100

1150

1200



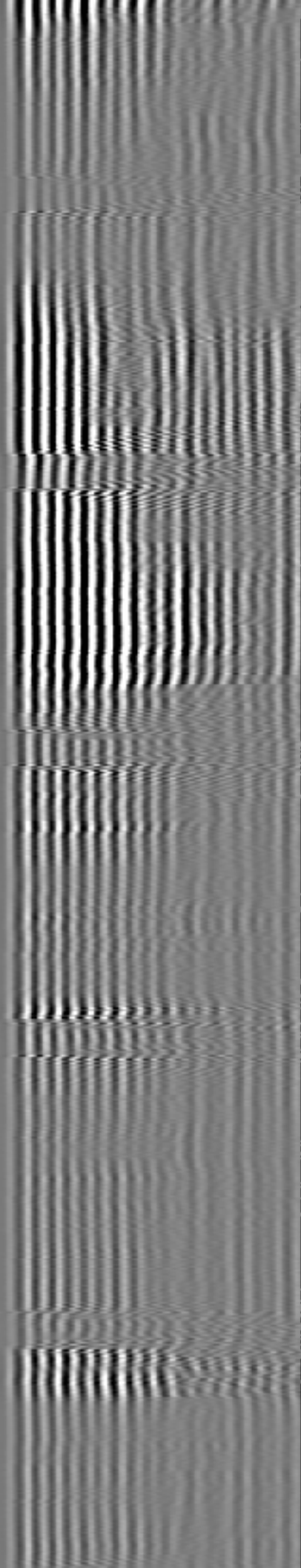
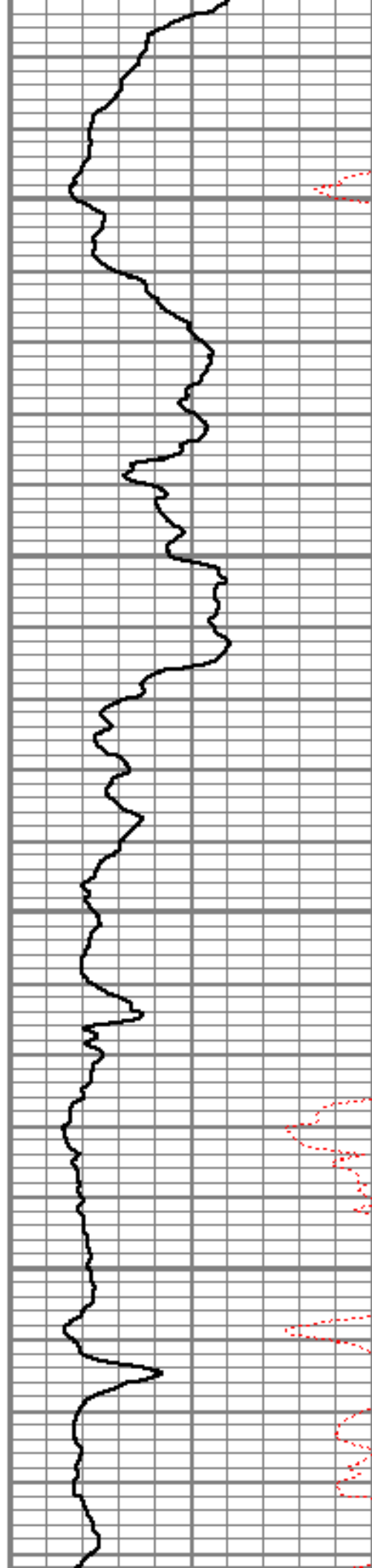


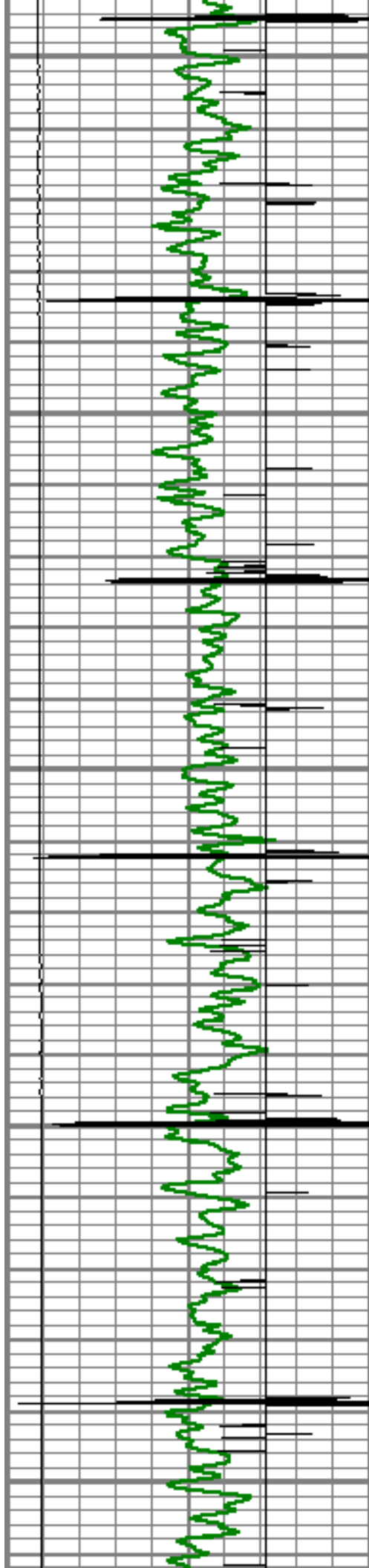
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1400





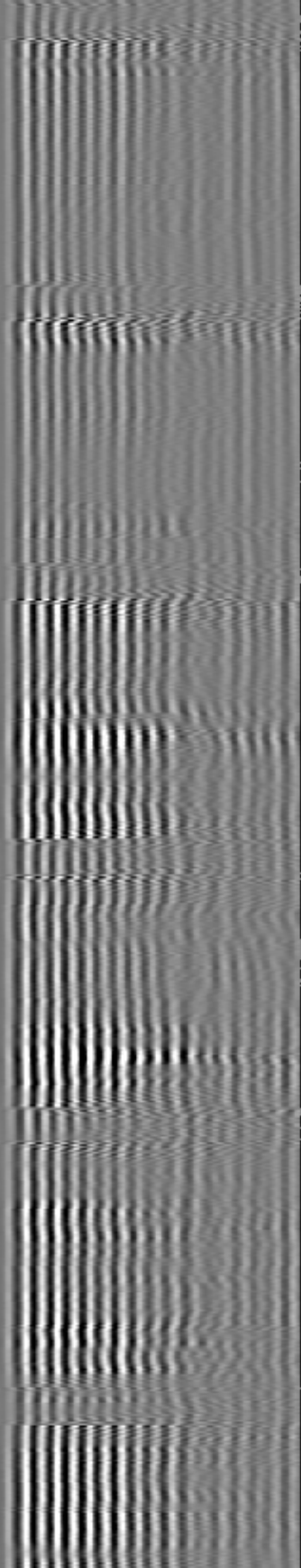
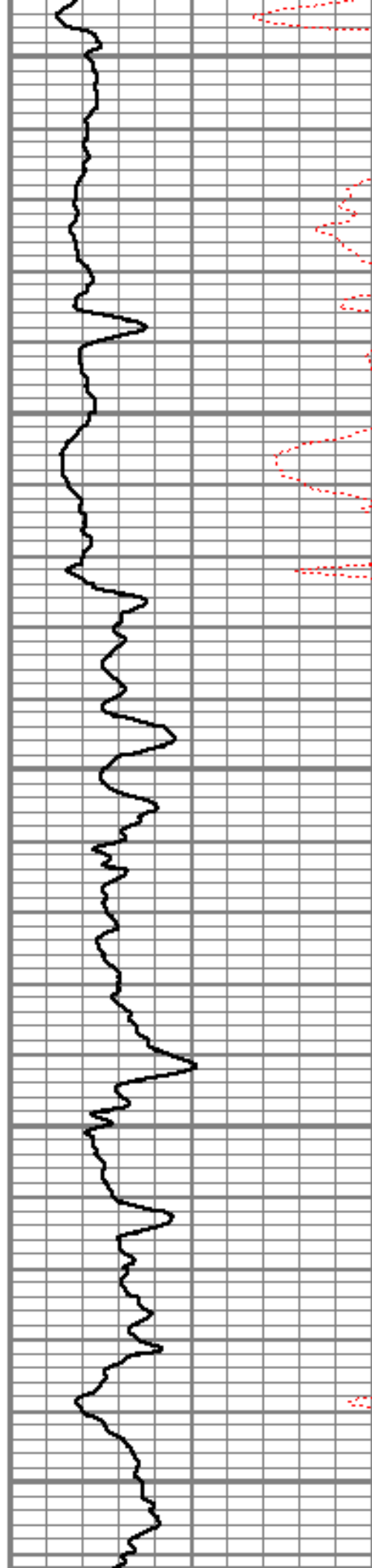
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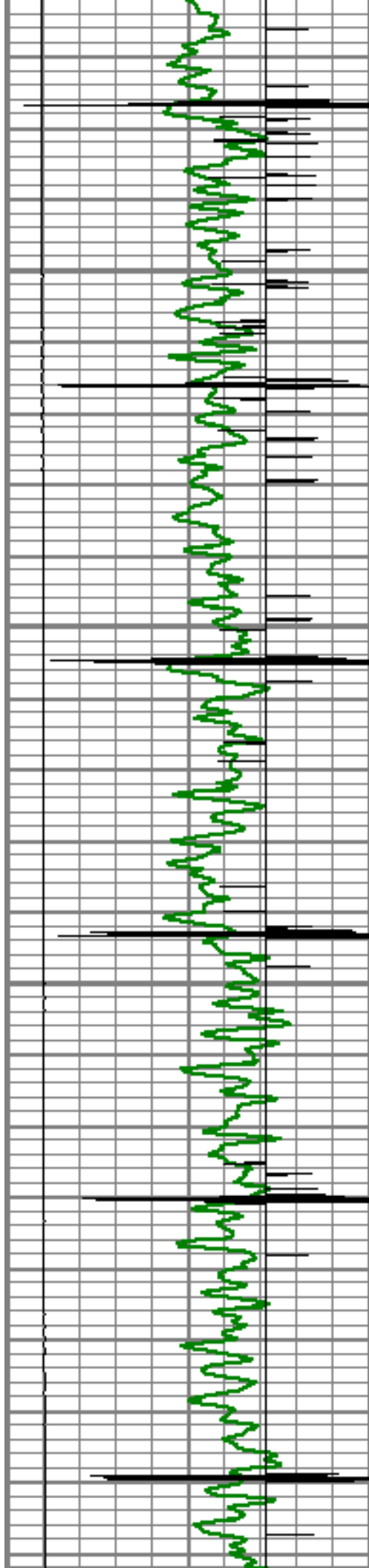
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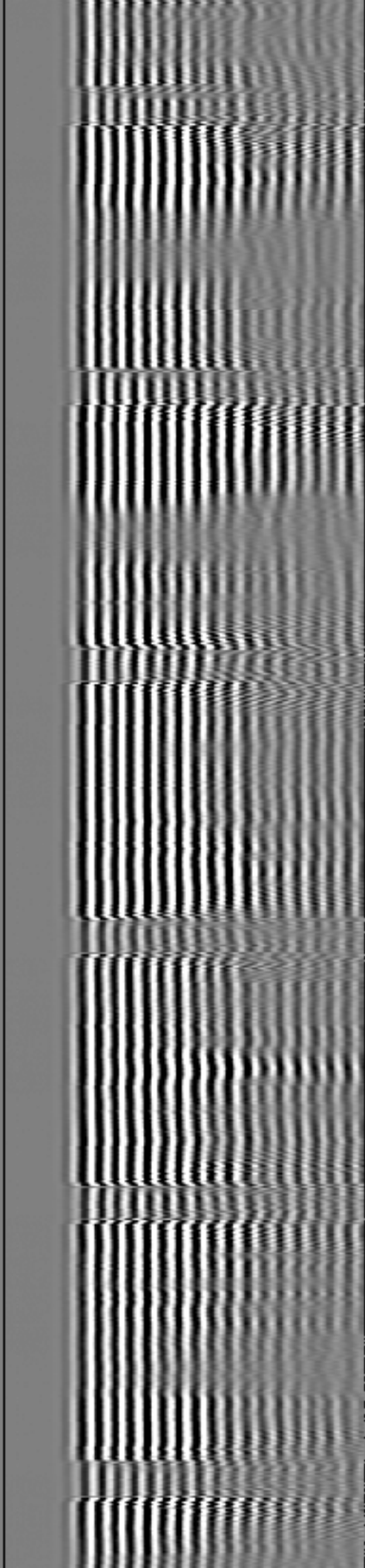
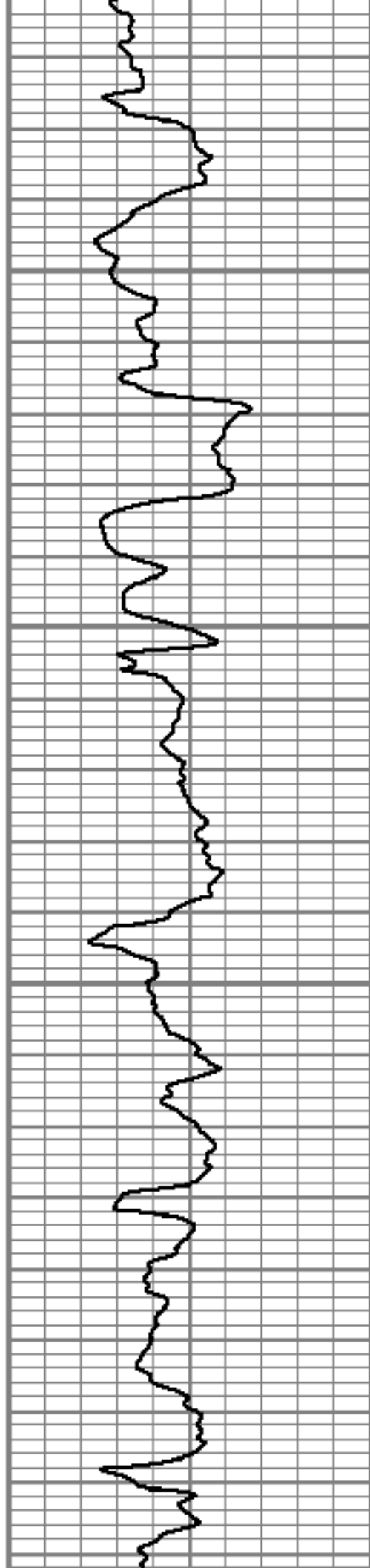


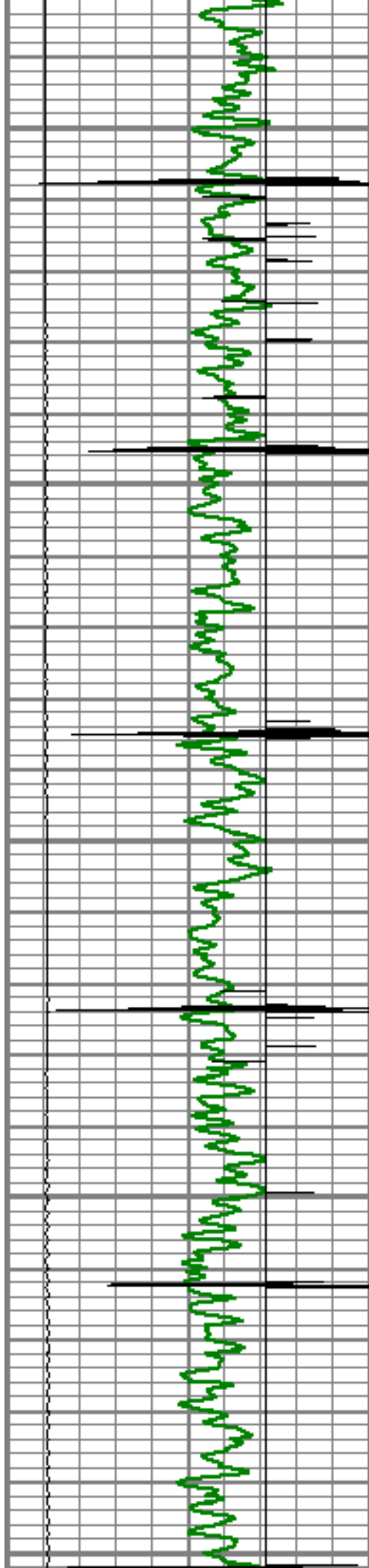
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1750

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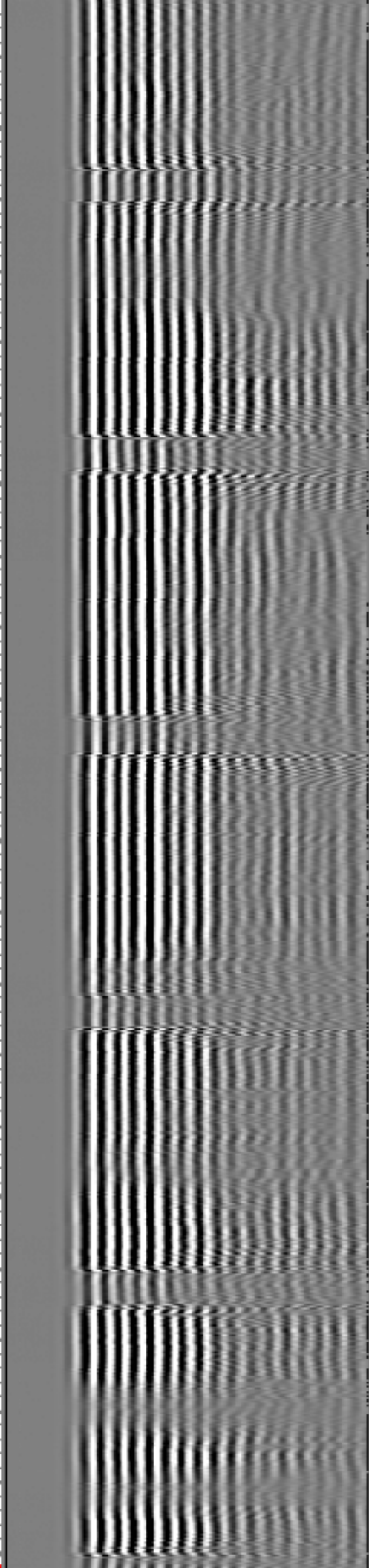
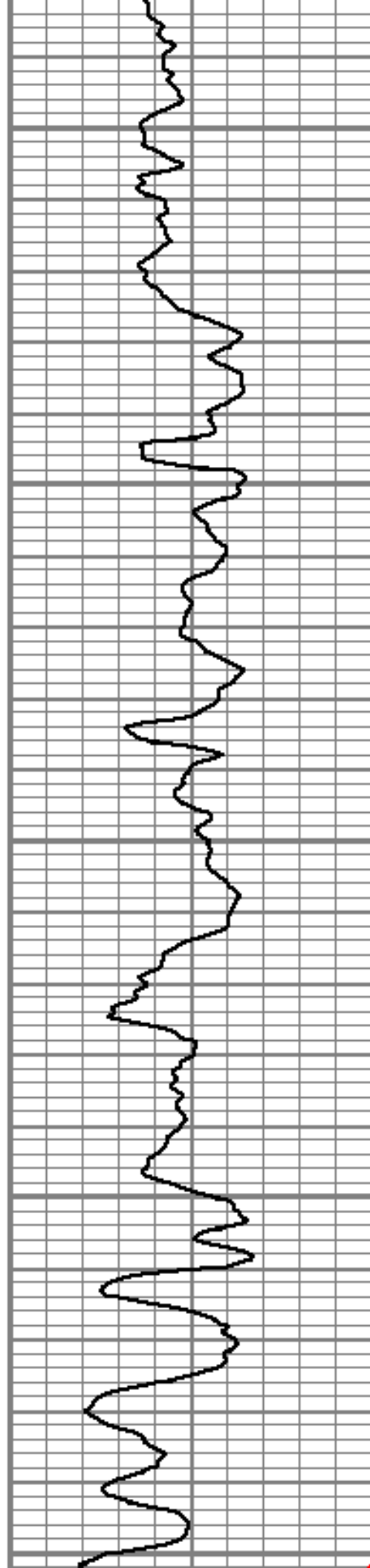
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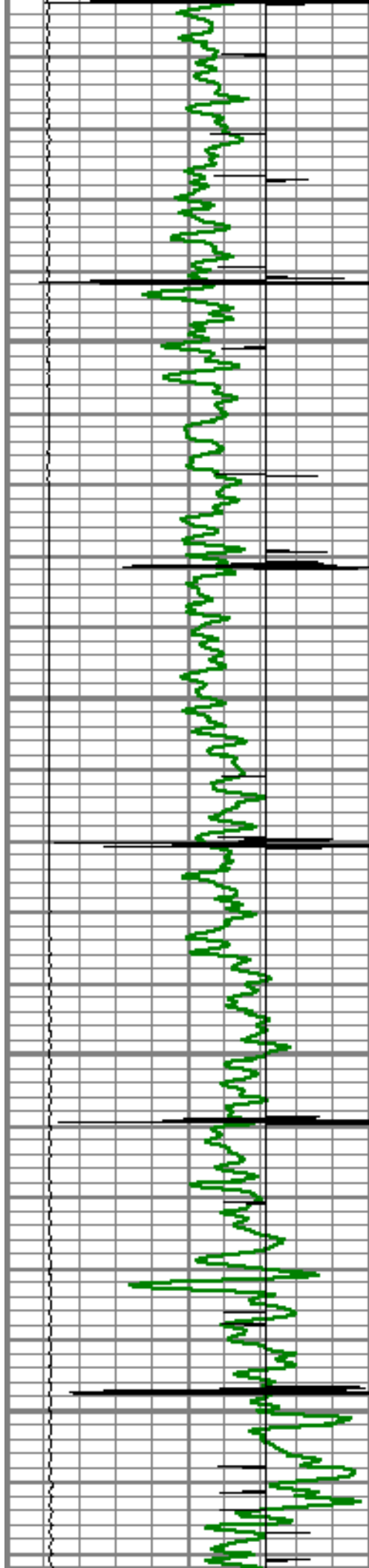
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2000

2050

2100



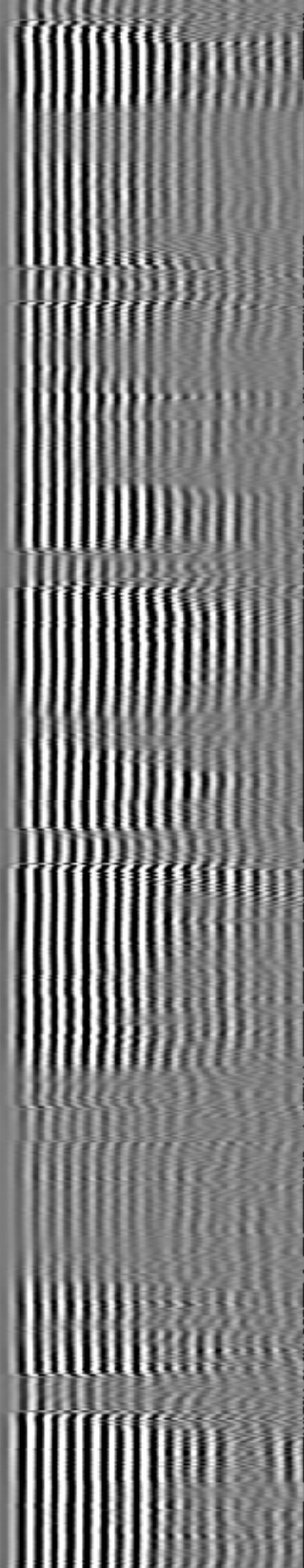
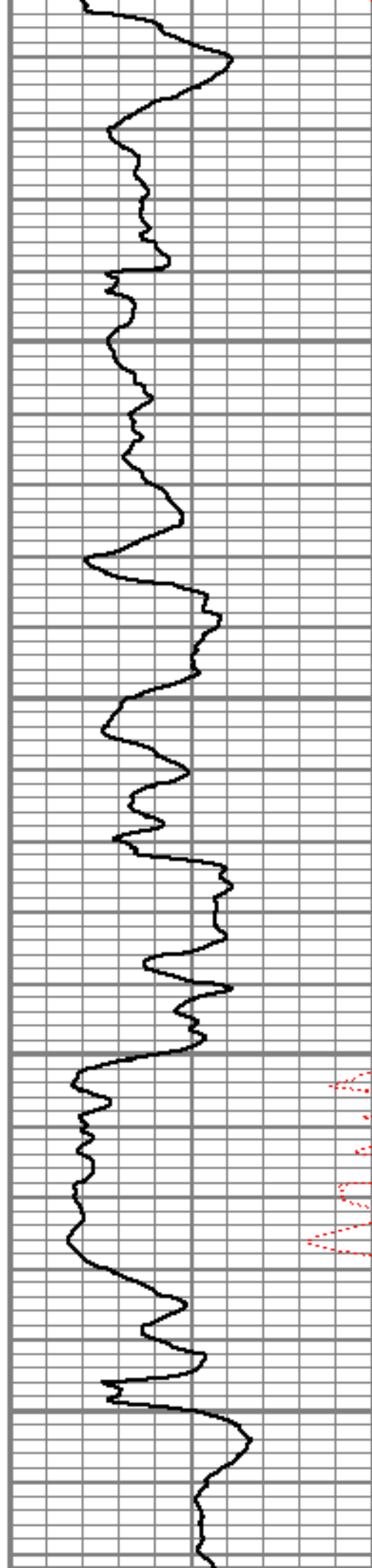


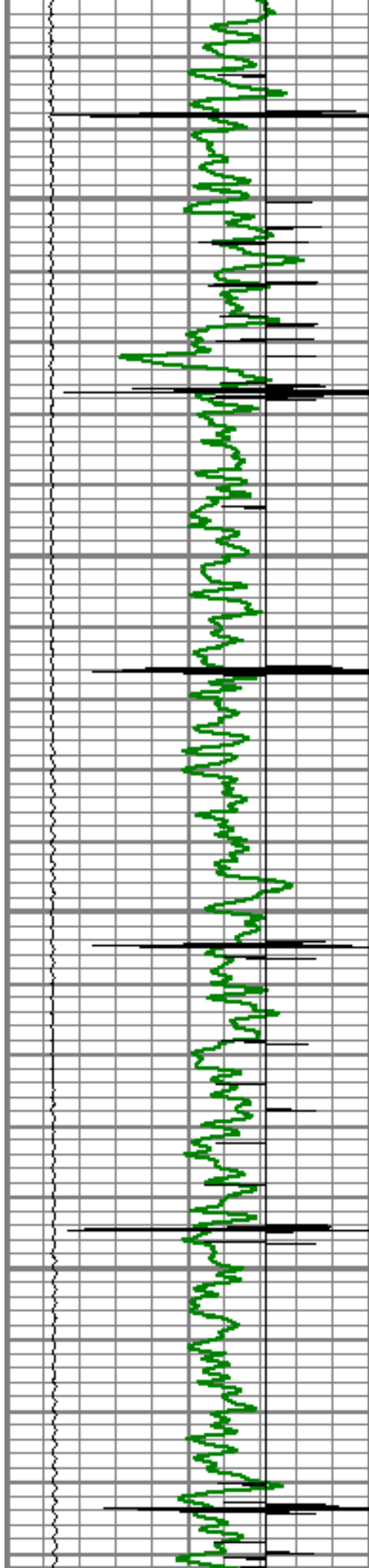
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2200

2250

2300



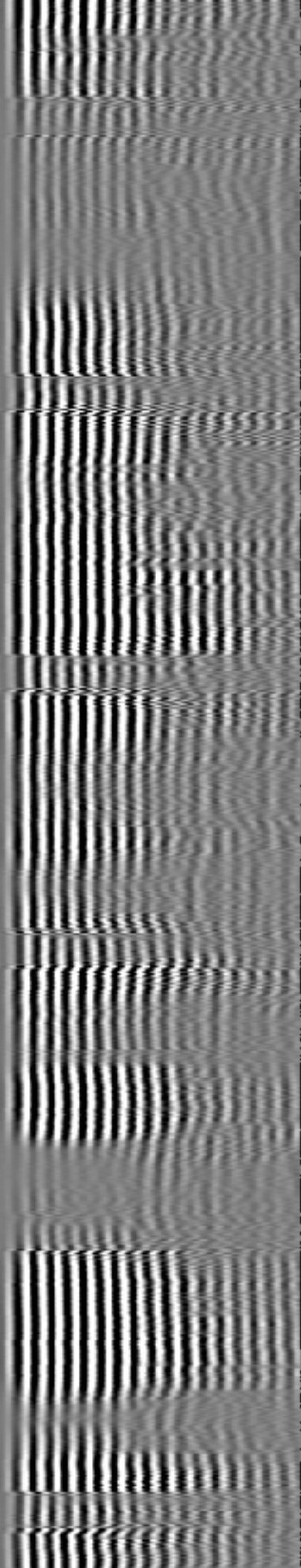
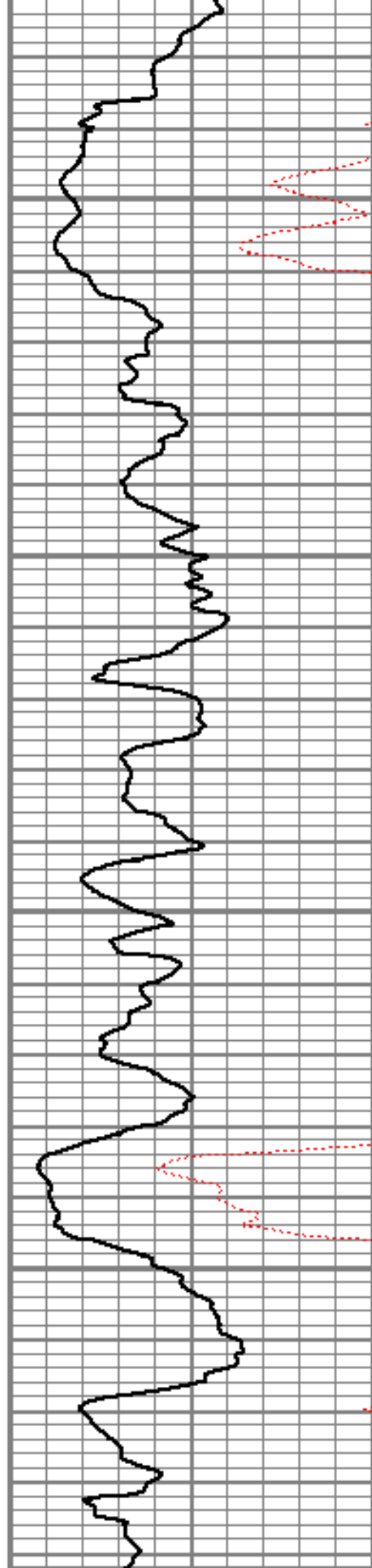


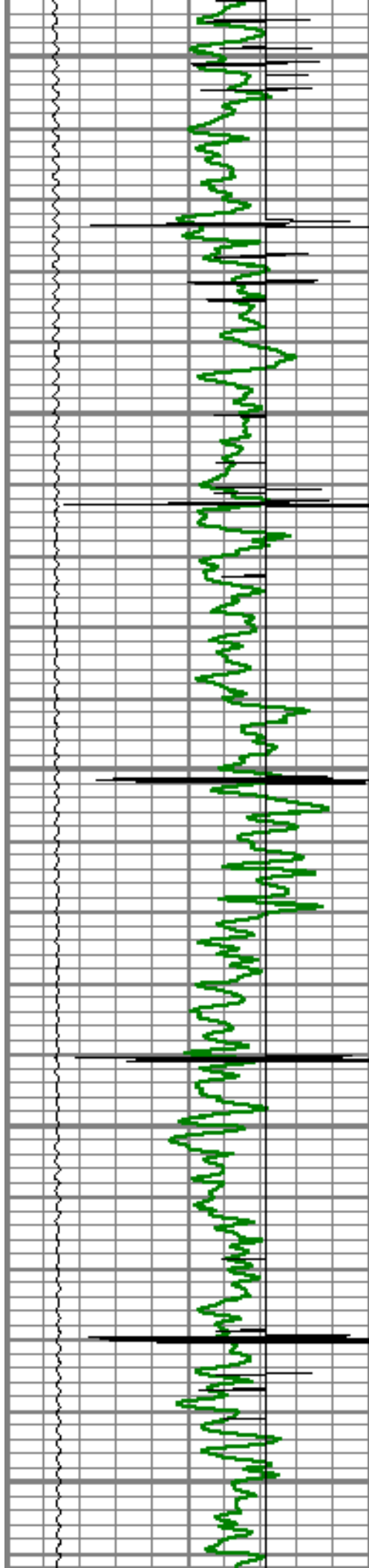
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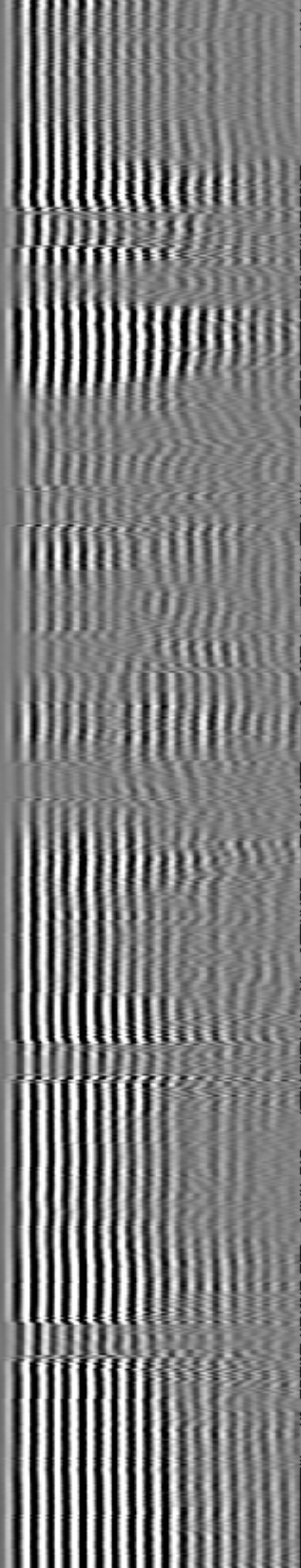
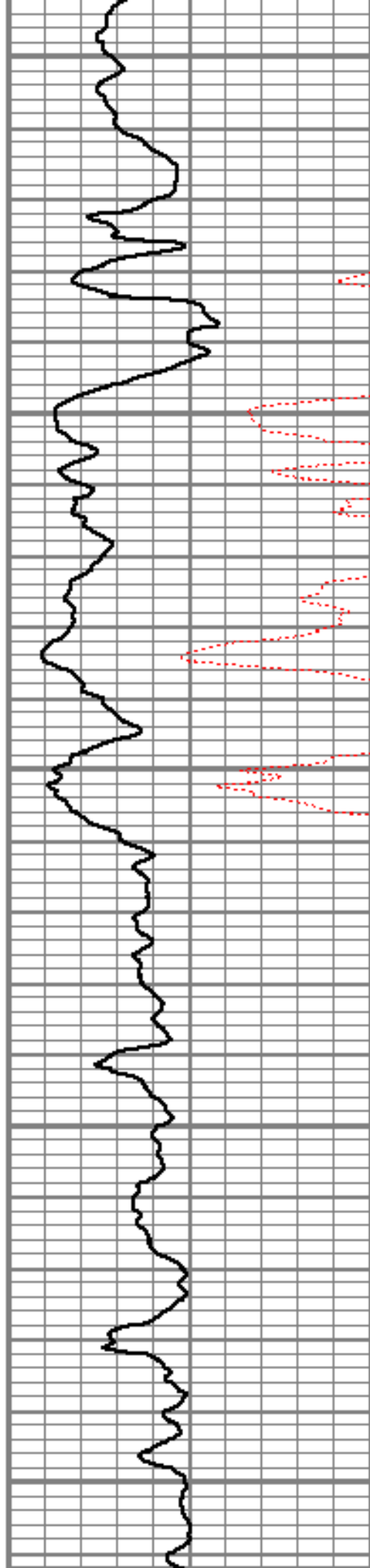
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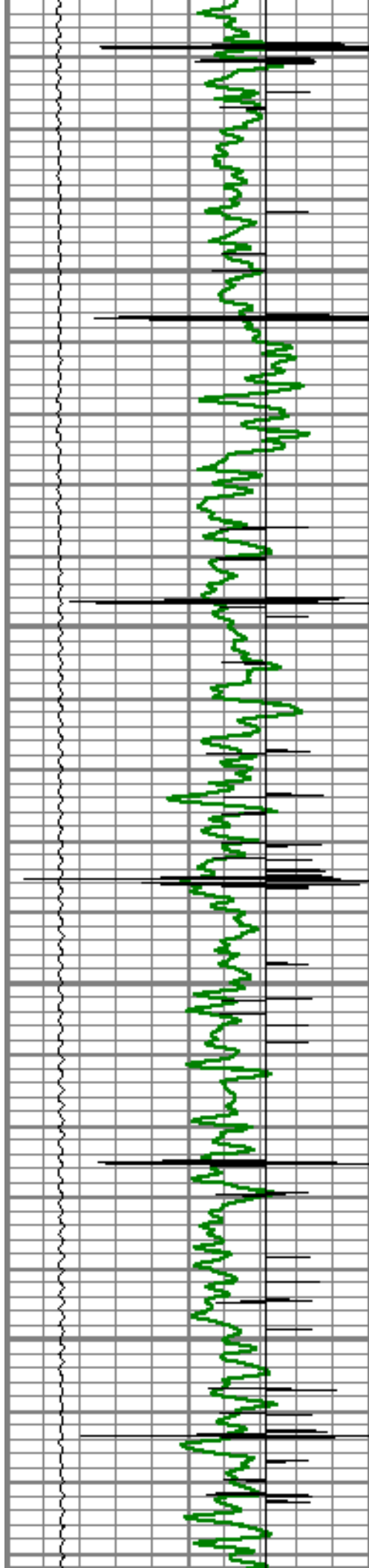
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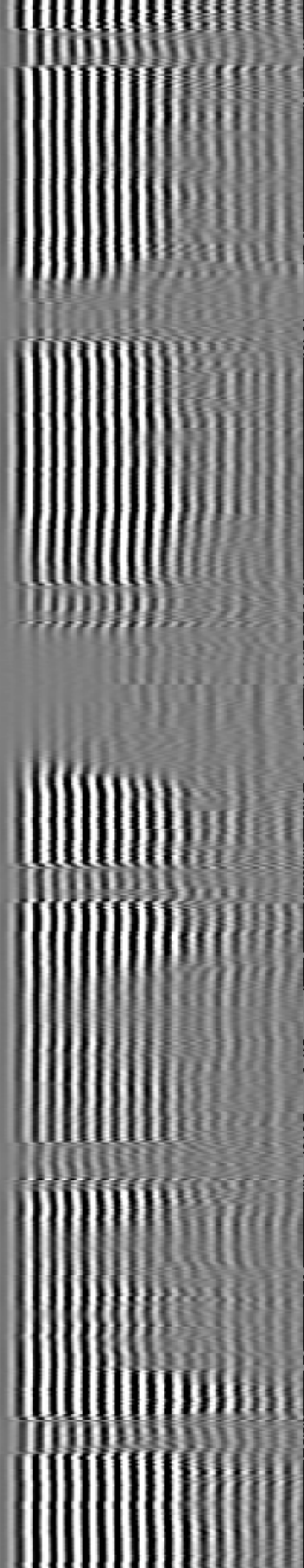
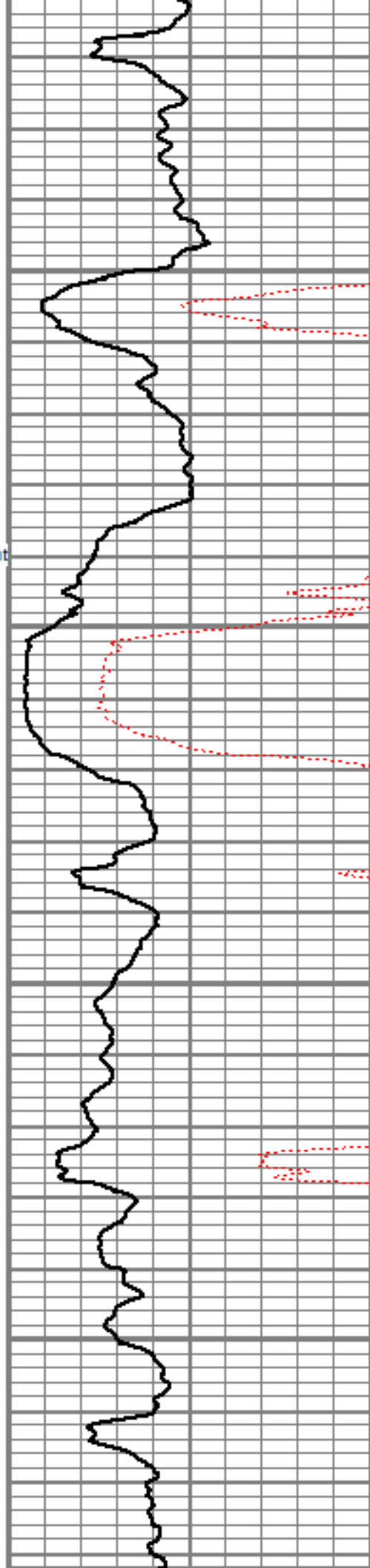
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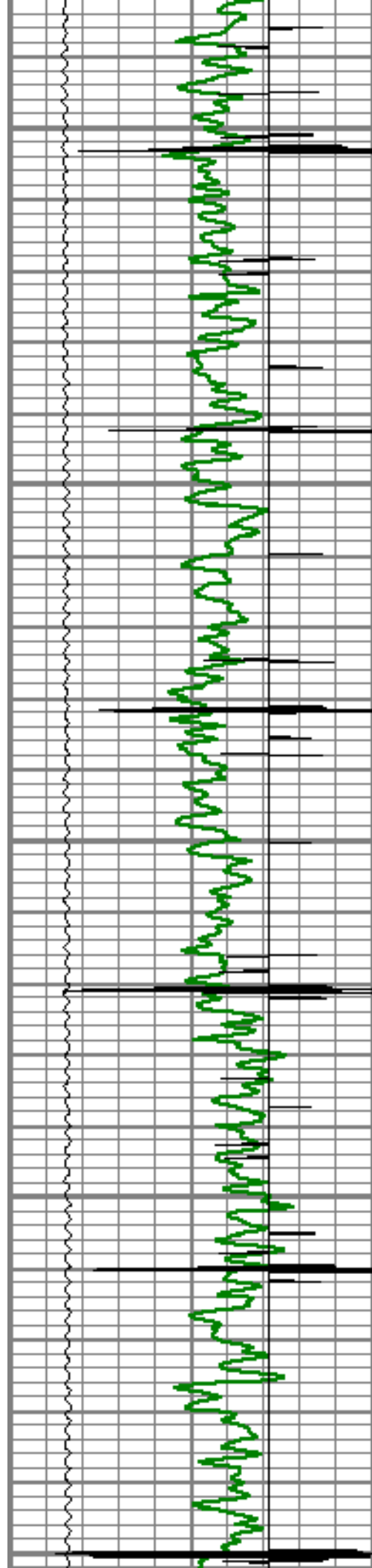
Top of Cement

2850

2900

2950





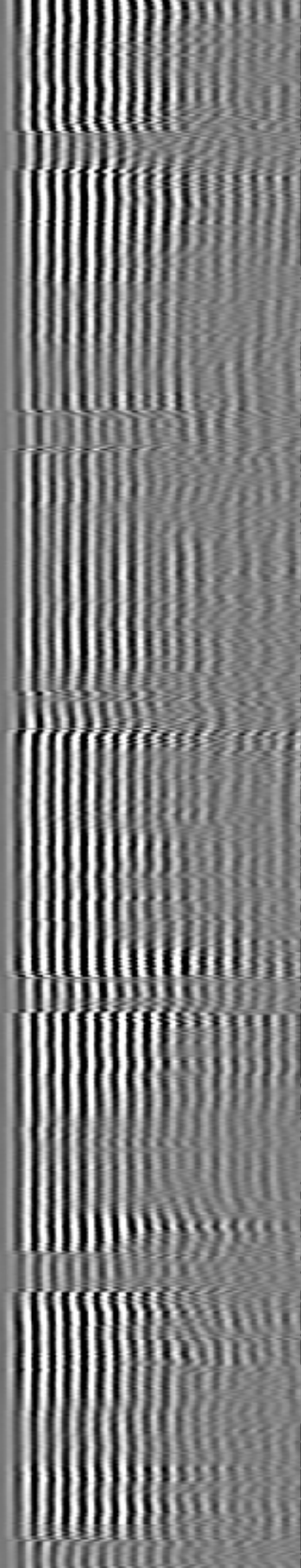
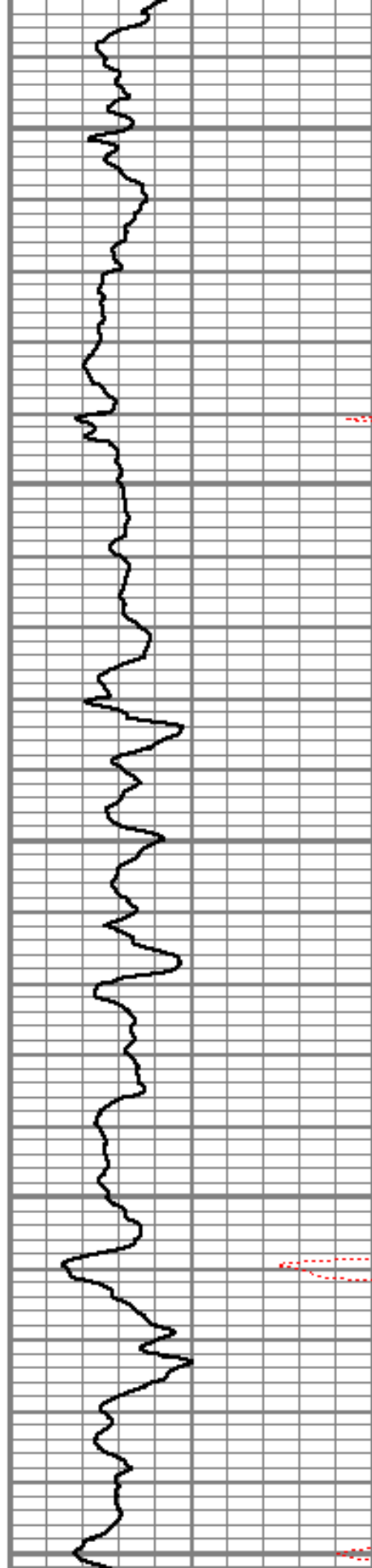
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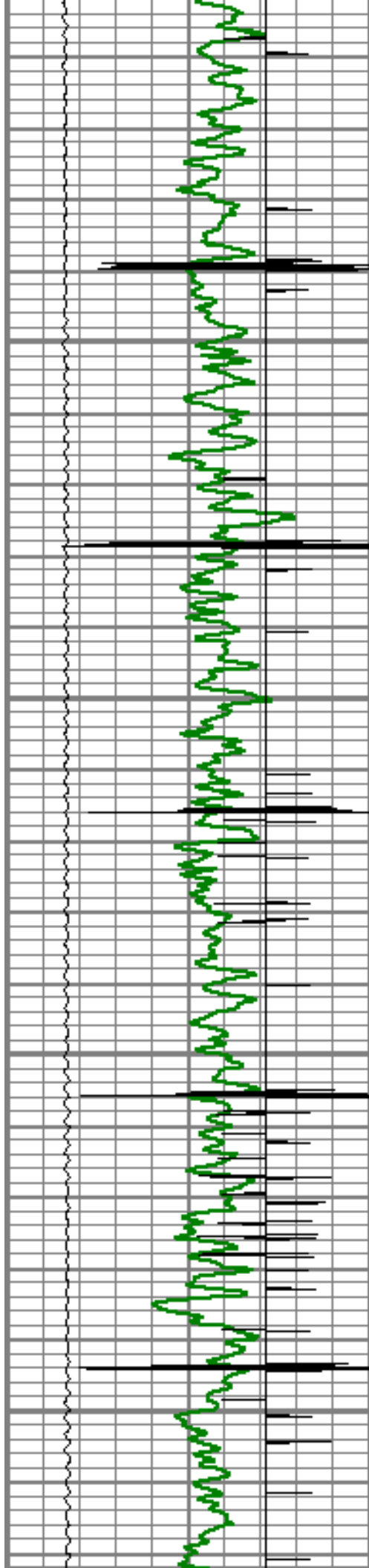
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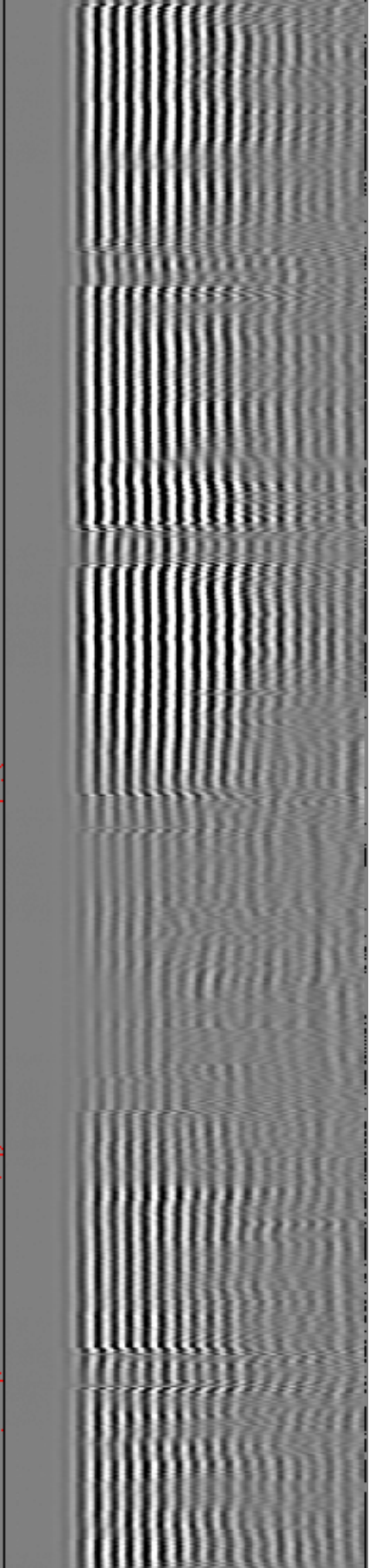
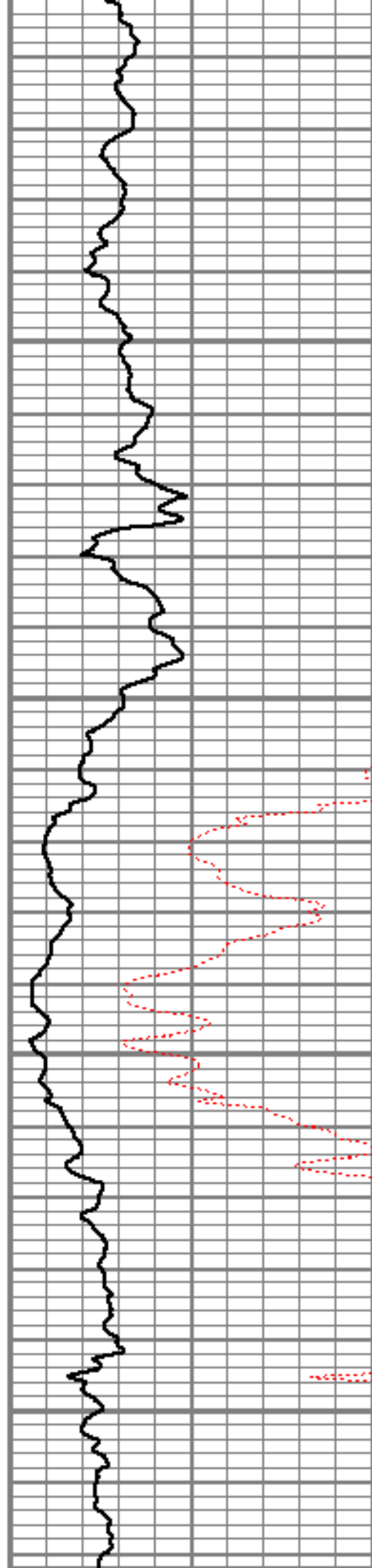


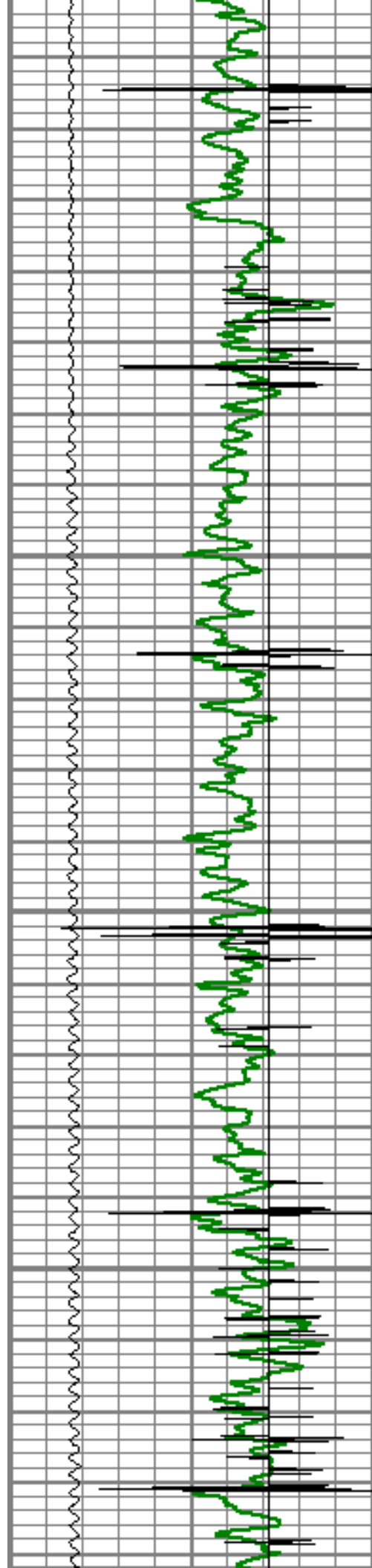
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3350

3400



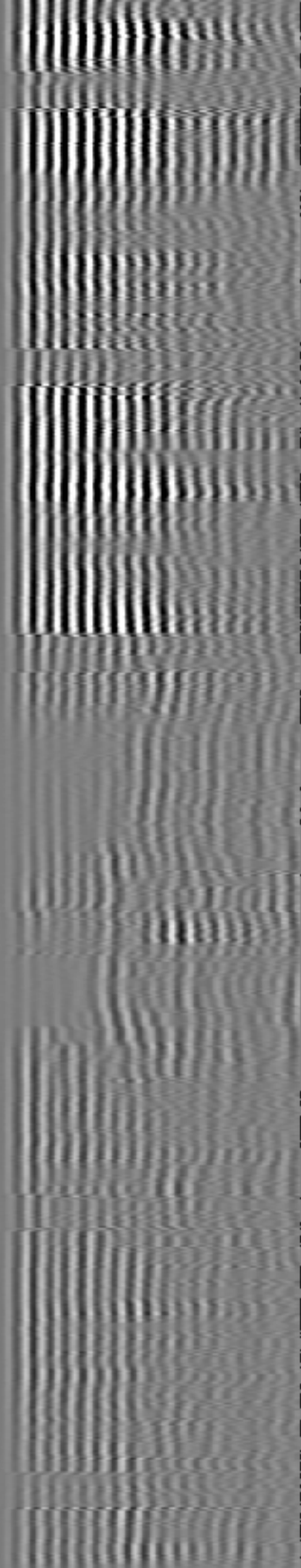
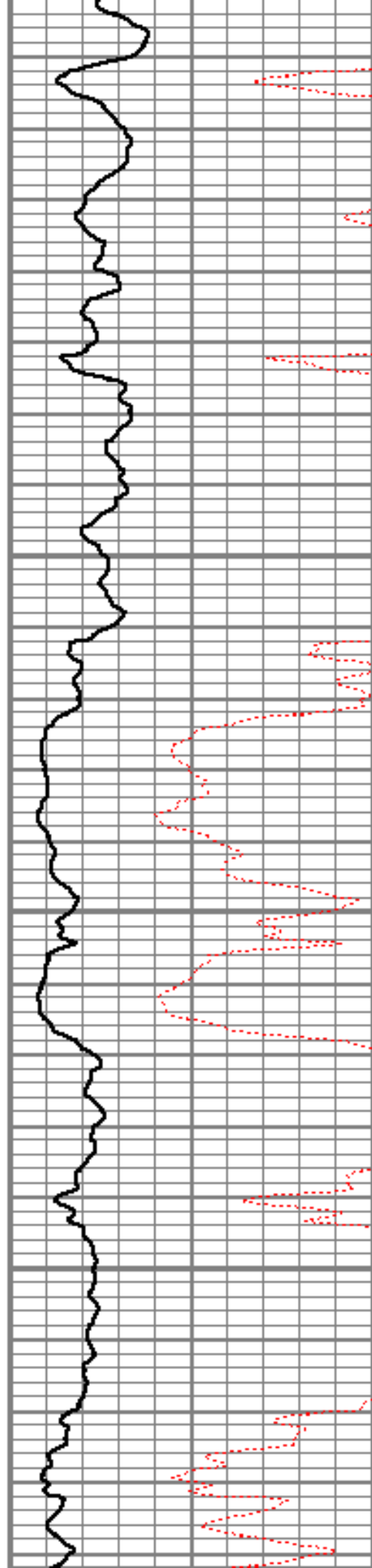


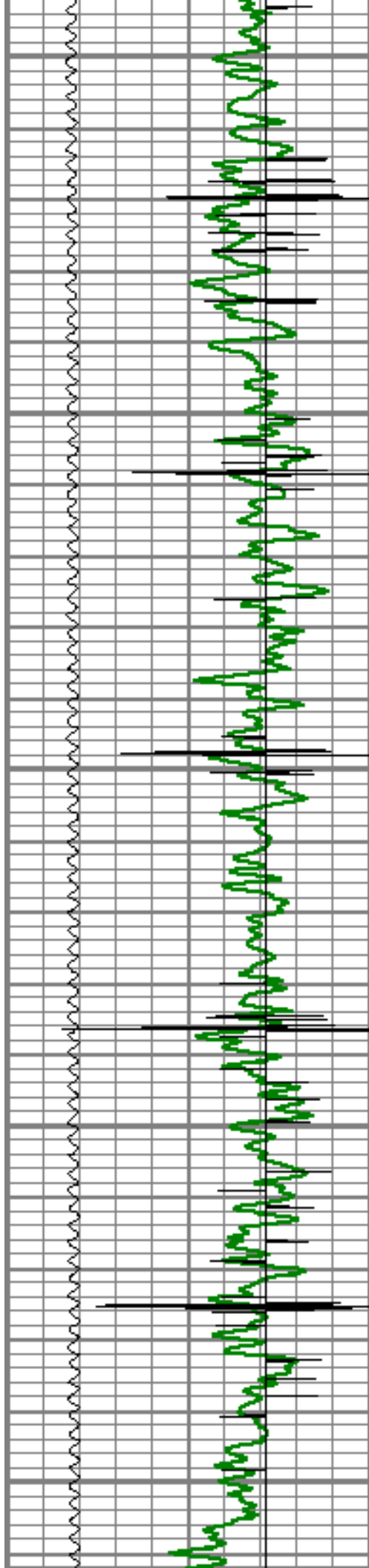
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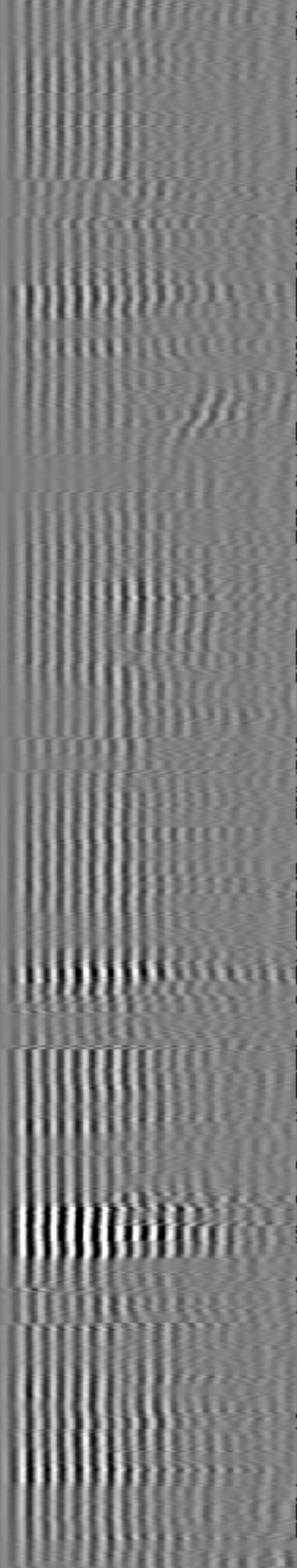
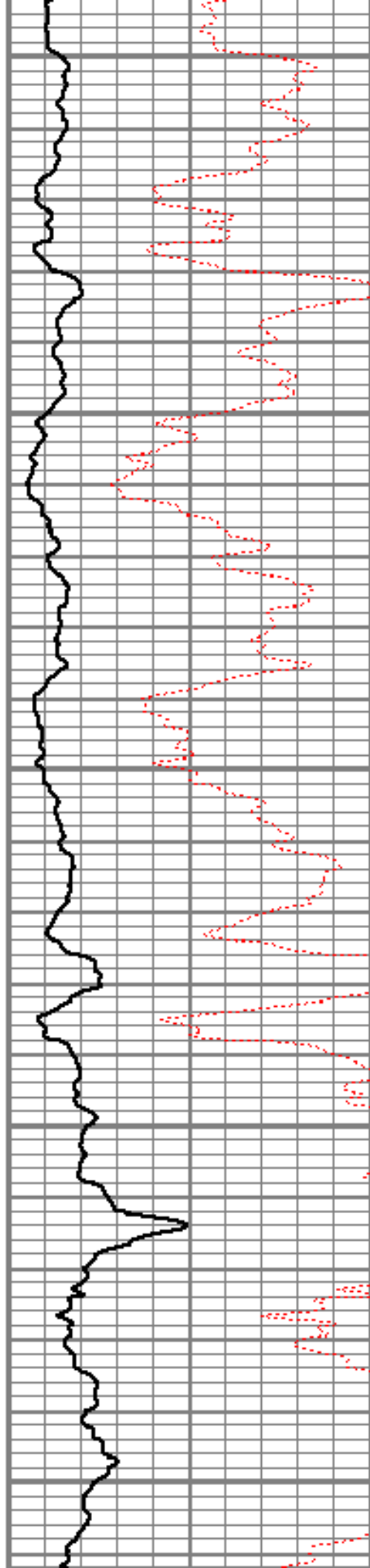
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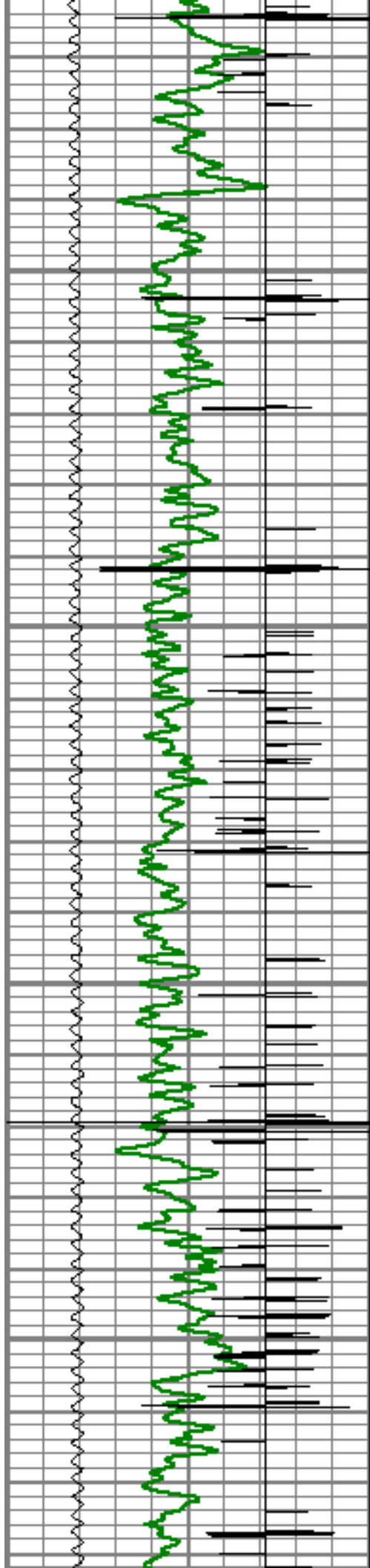
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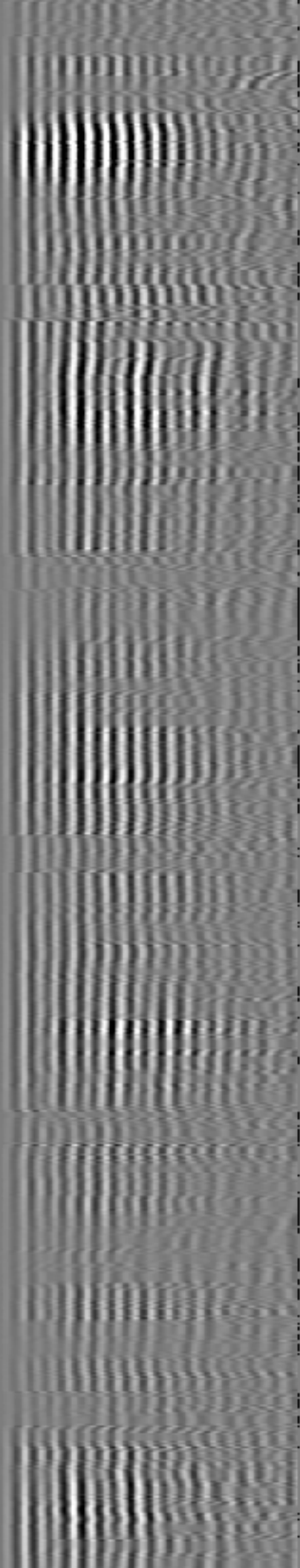
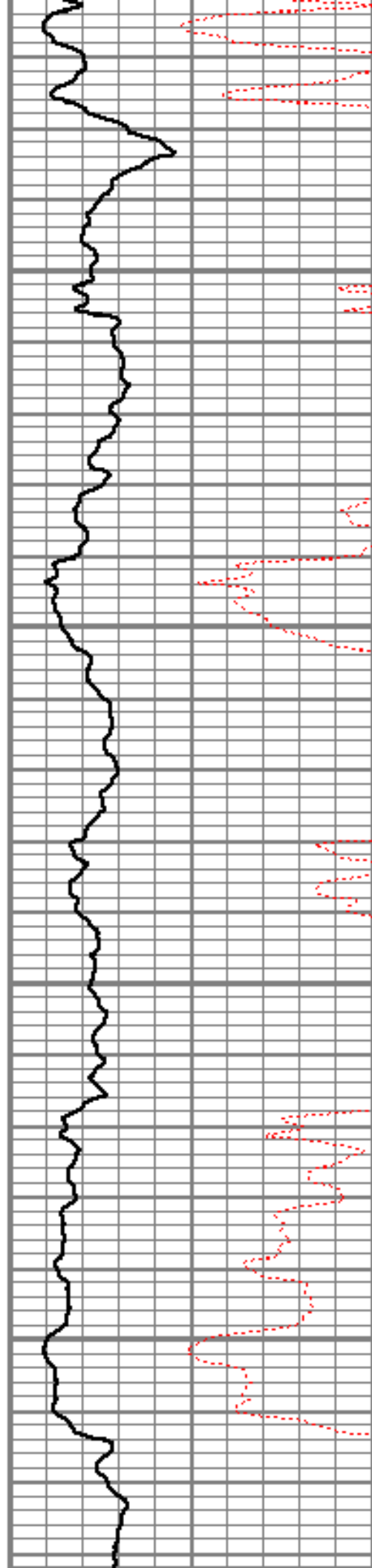


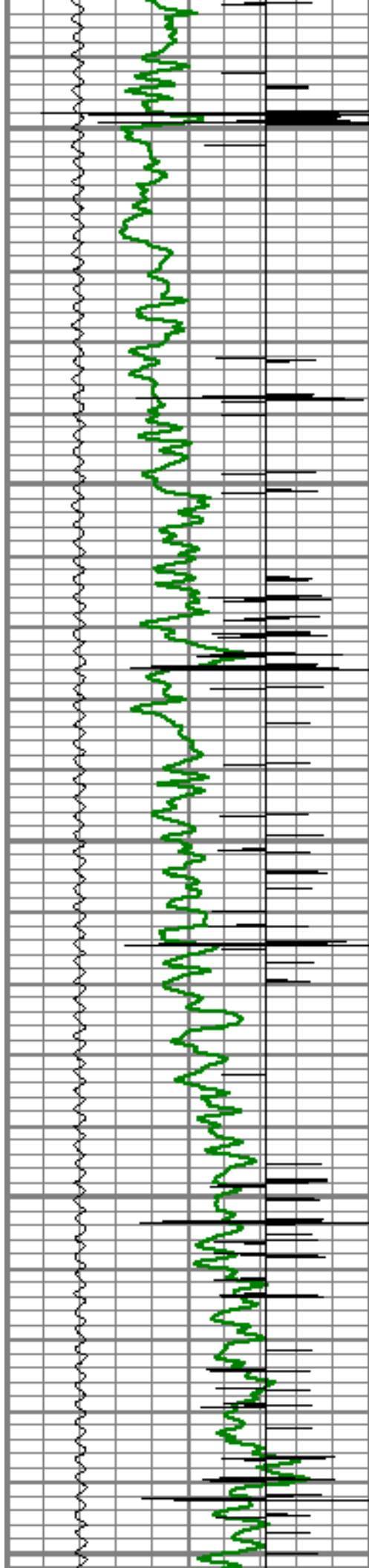
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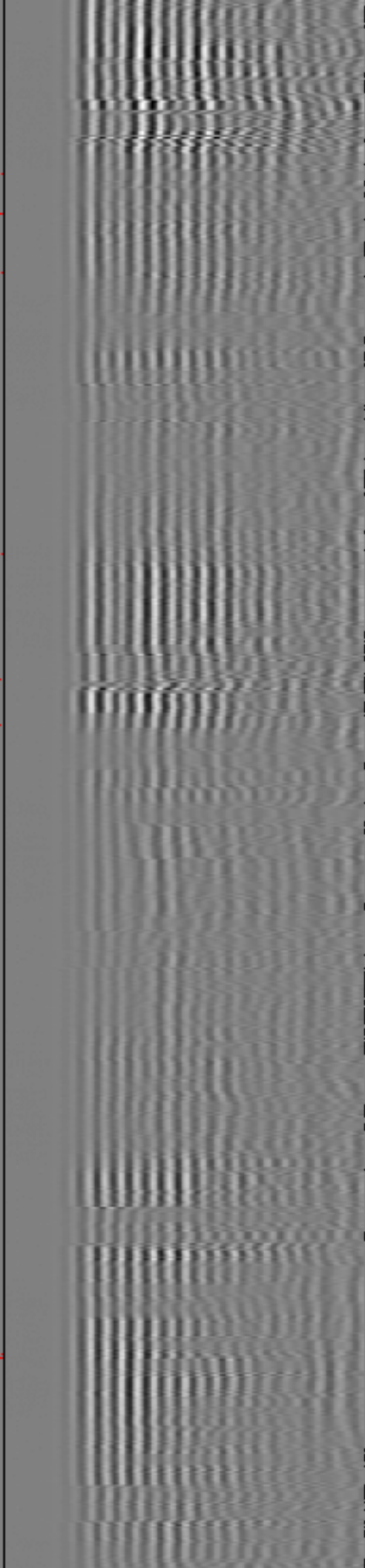
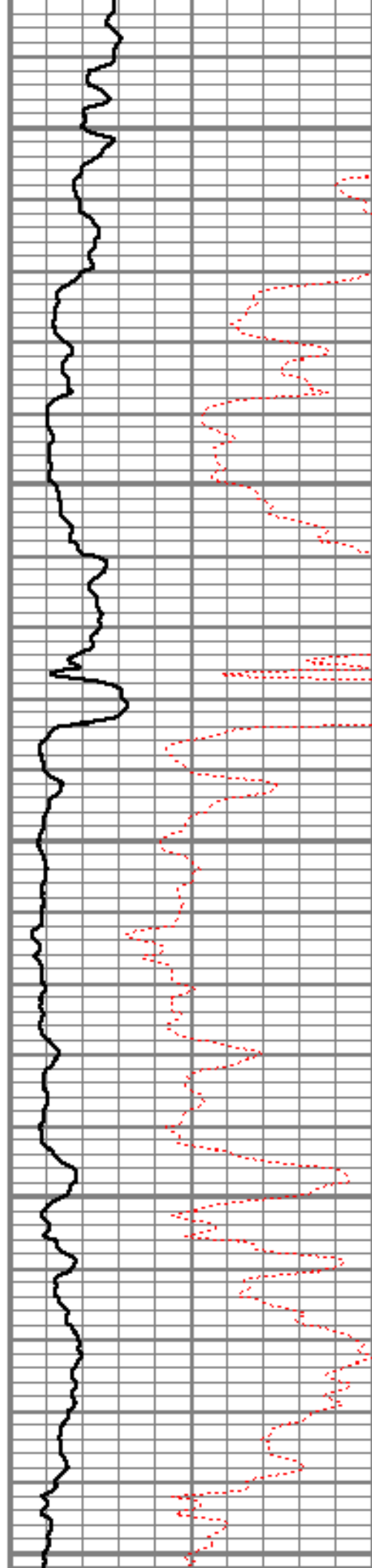
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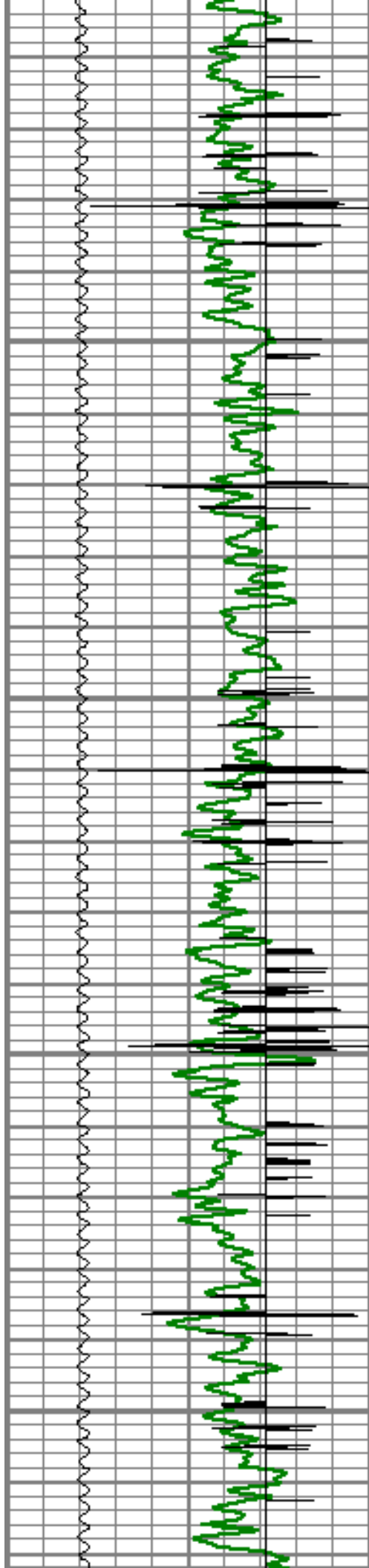
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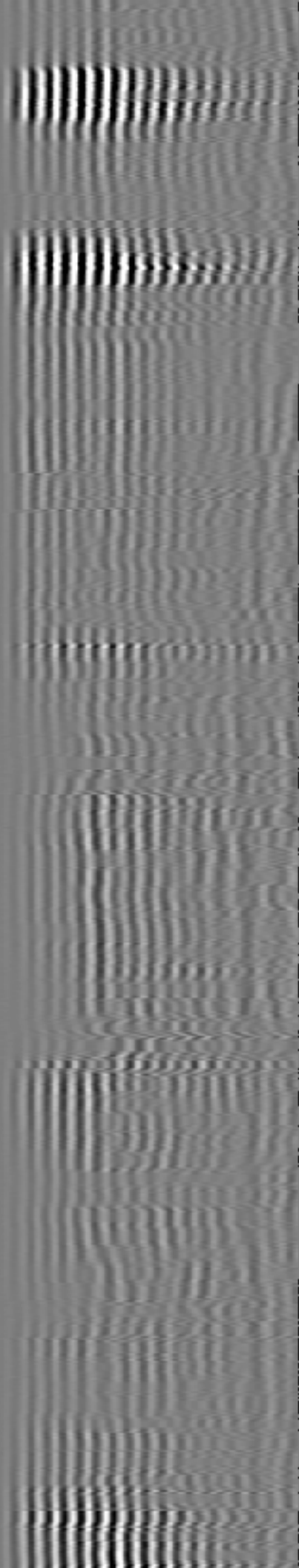
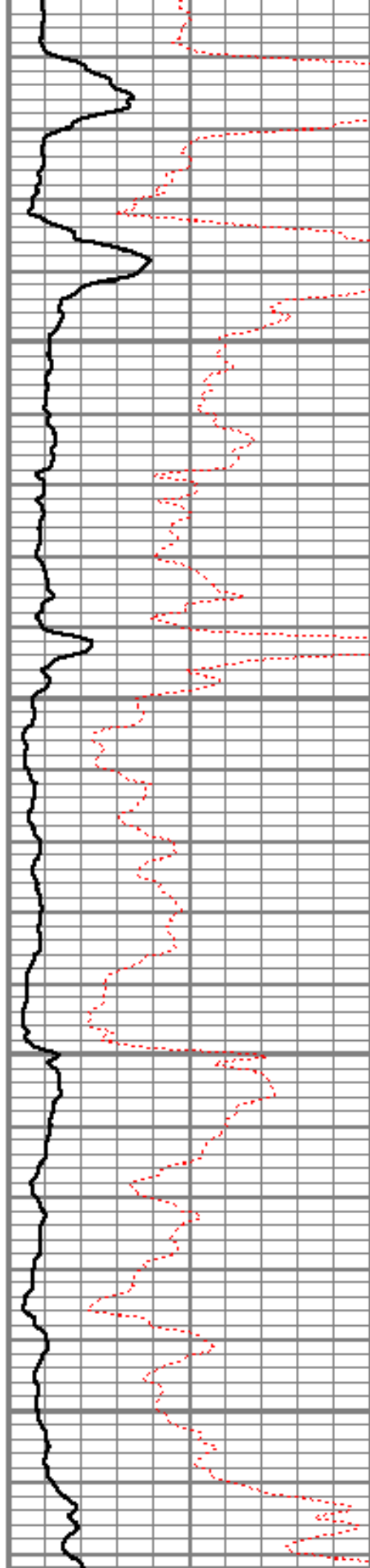


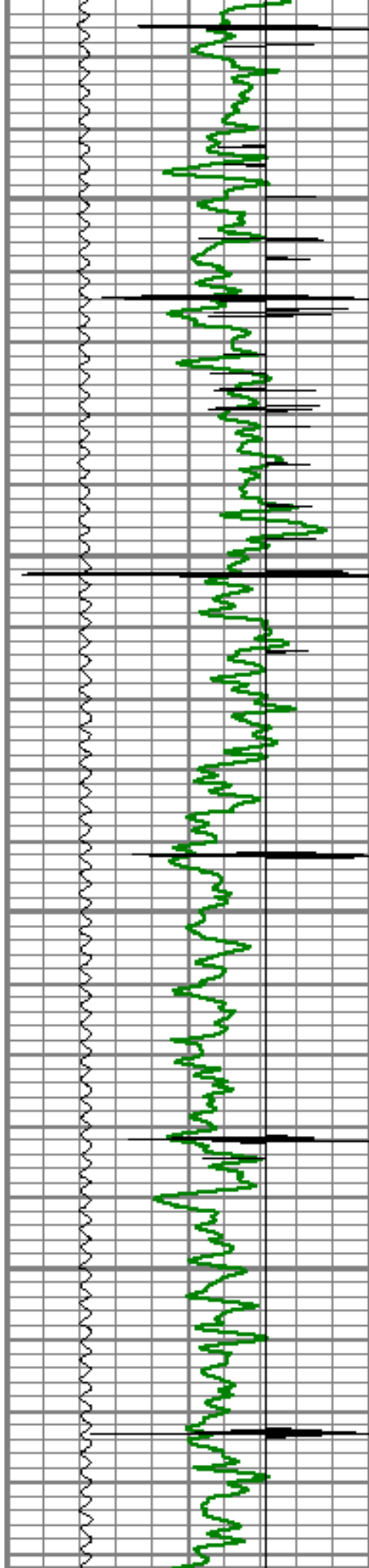
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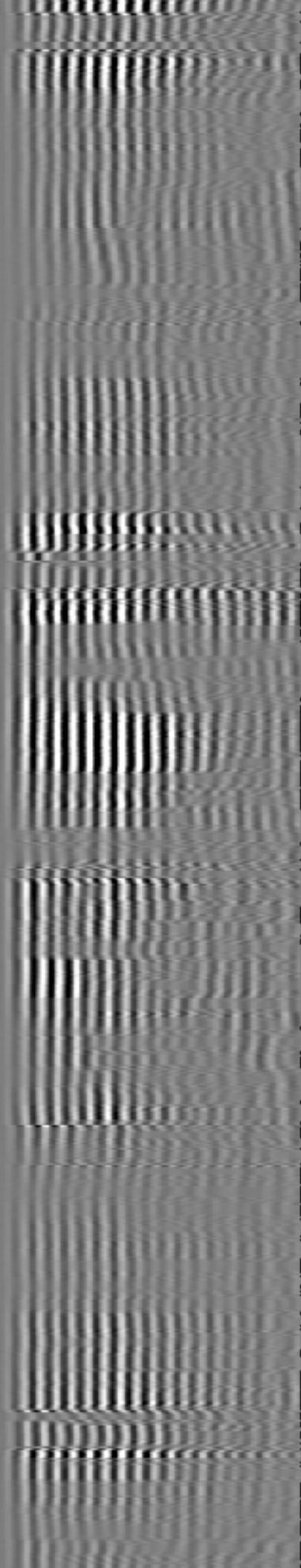
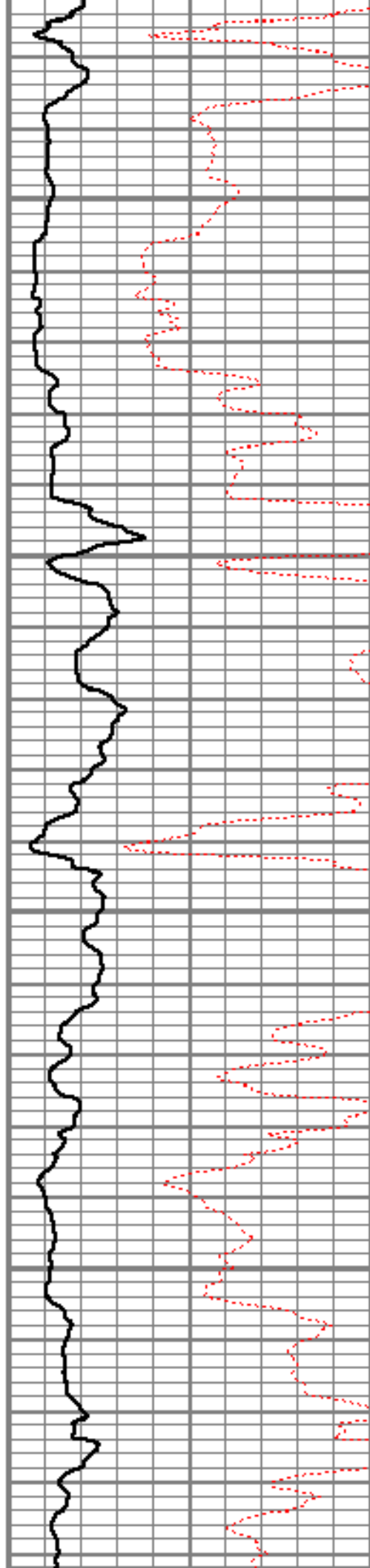


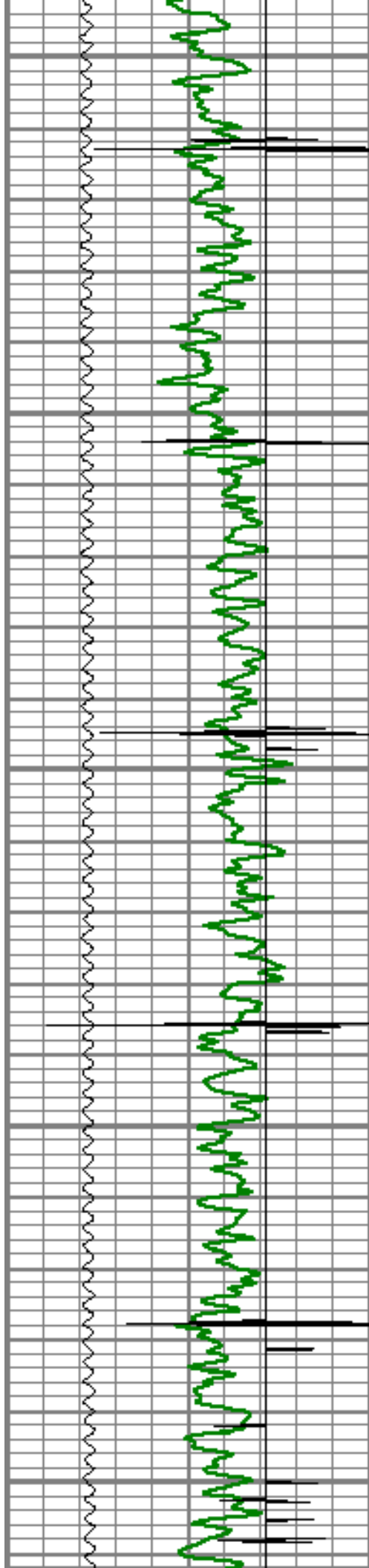
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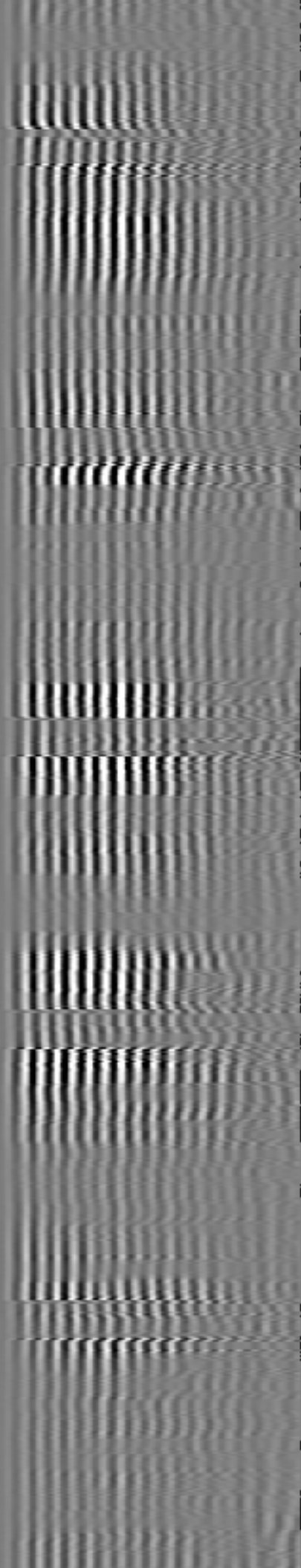
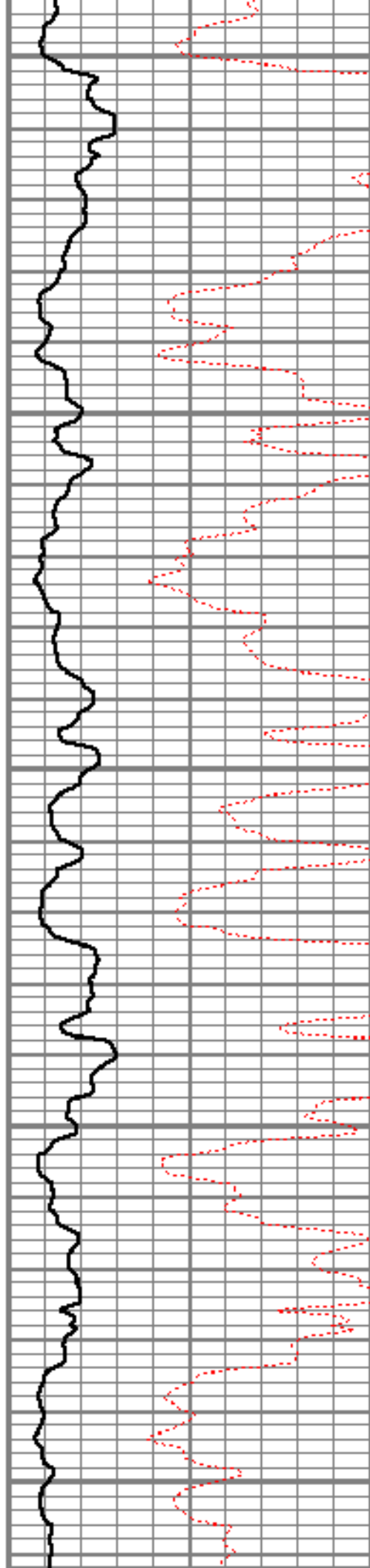
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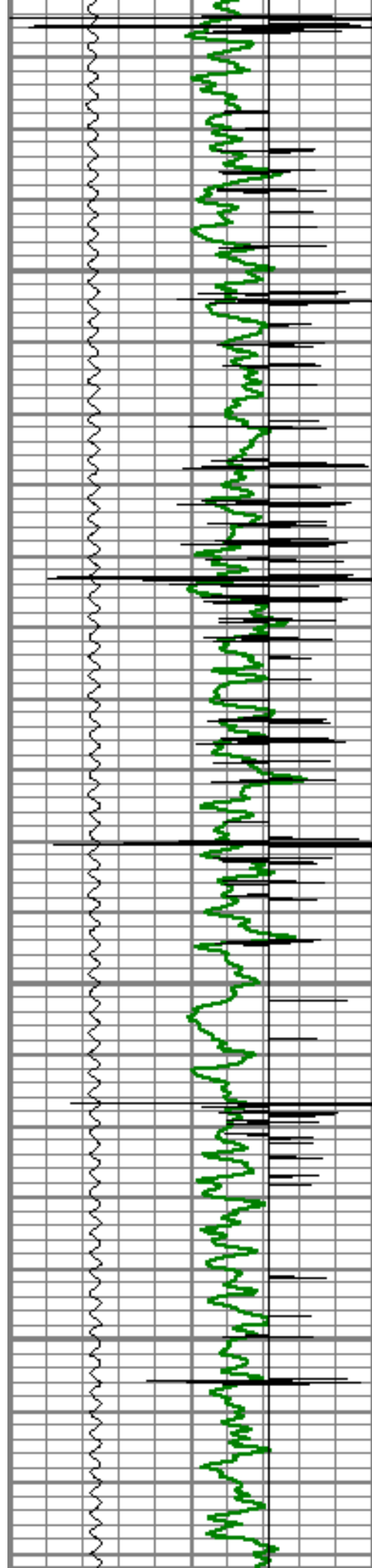
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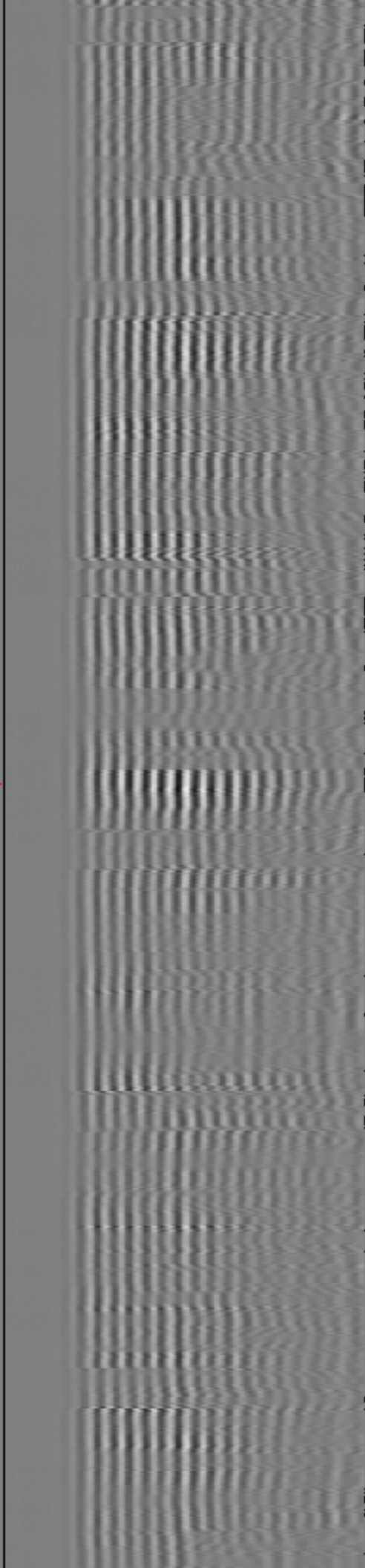
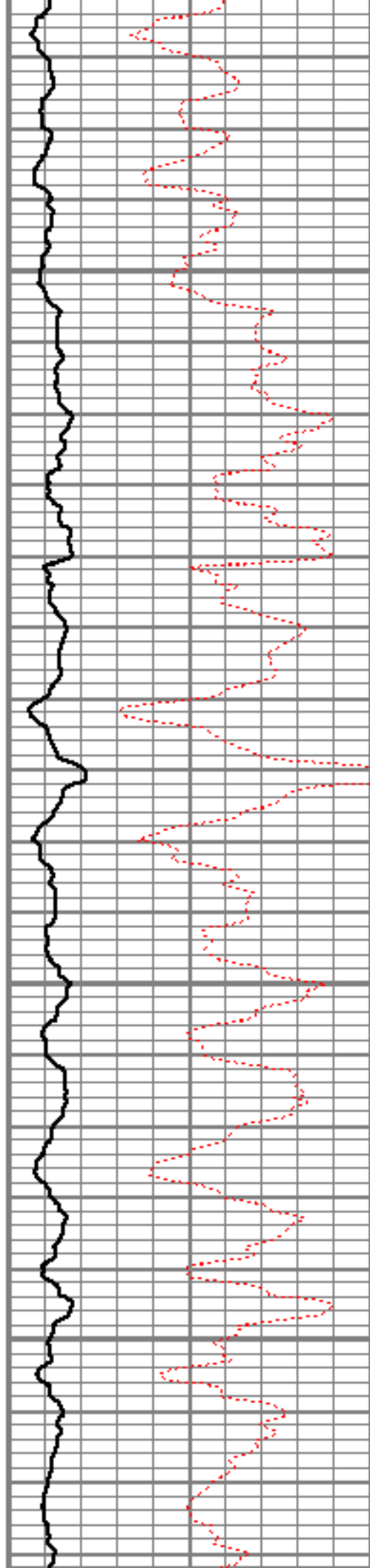


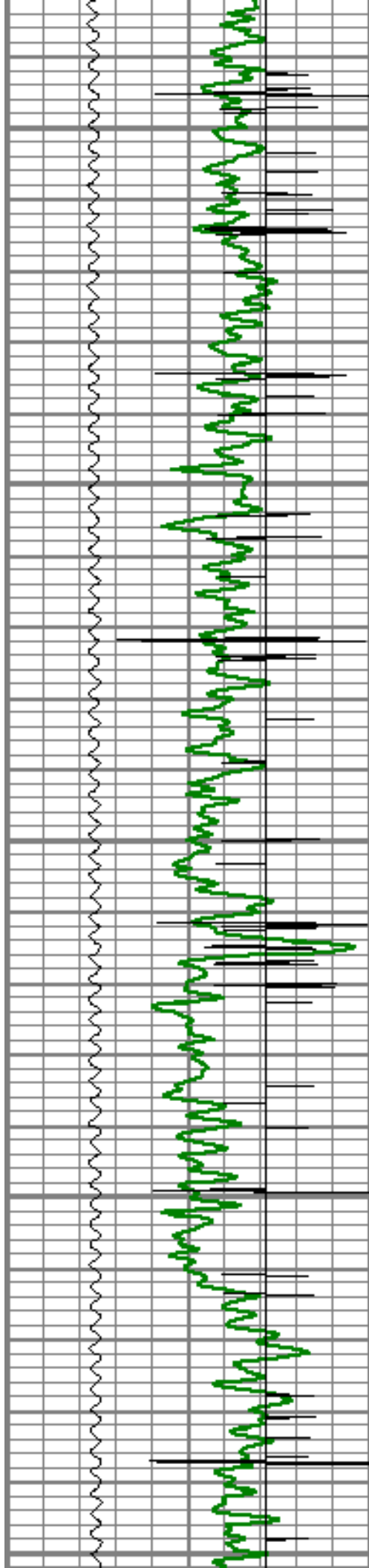
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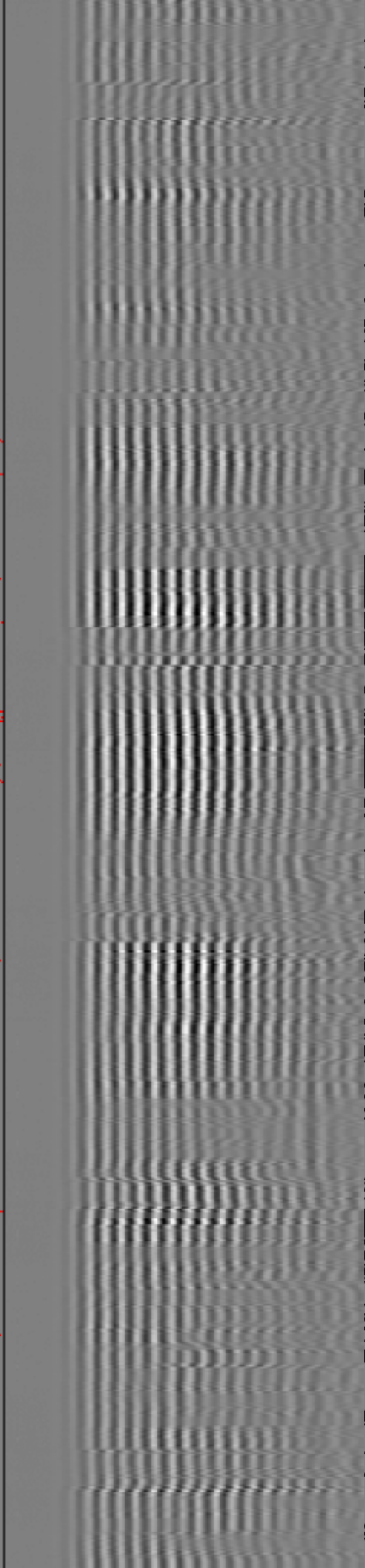
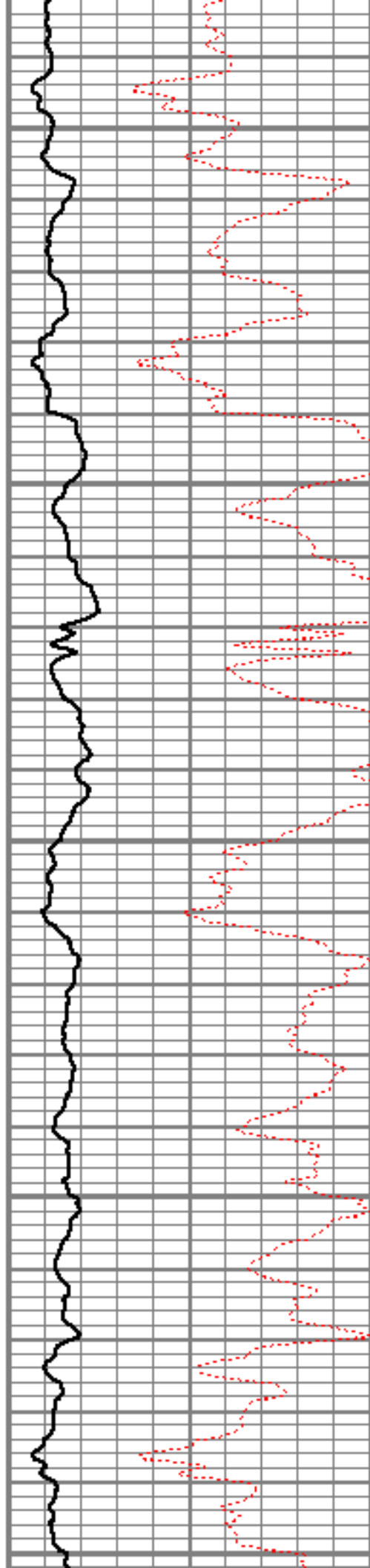
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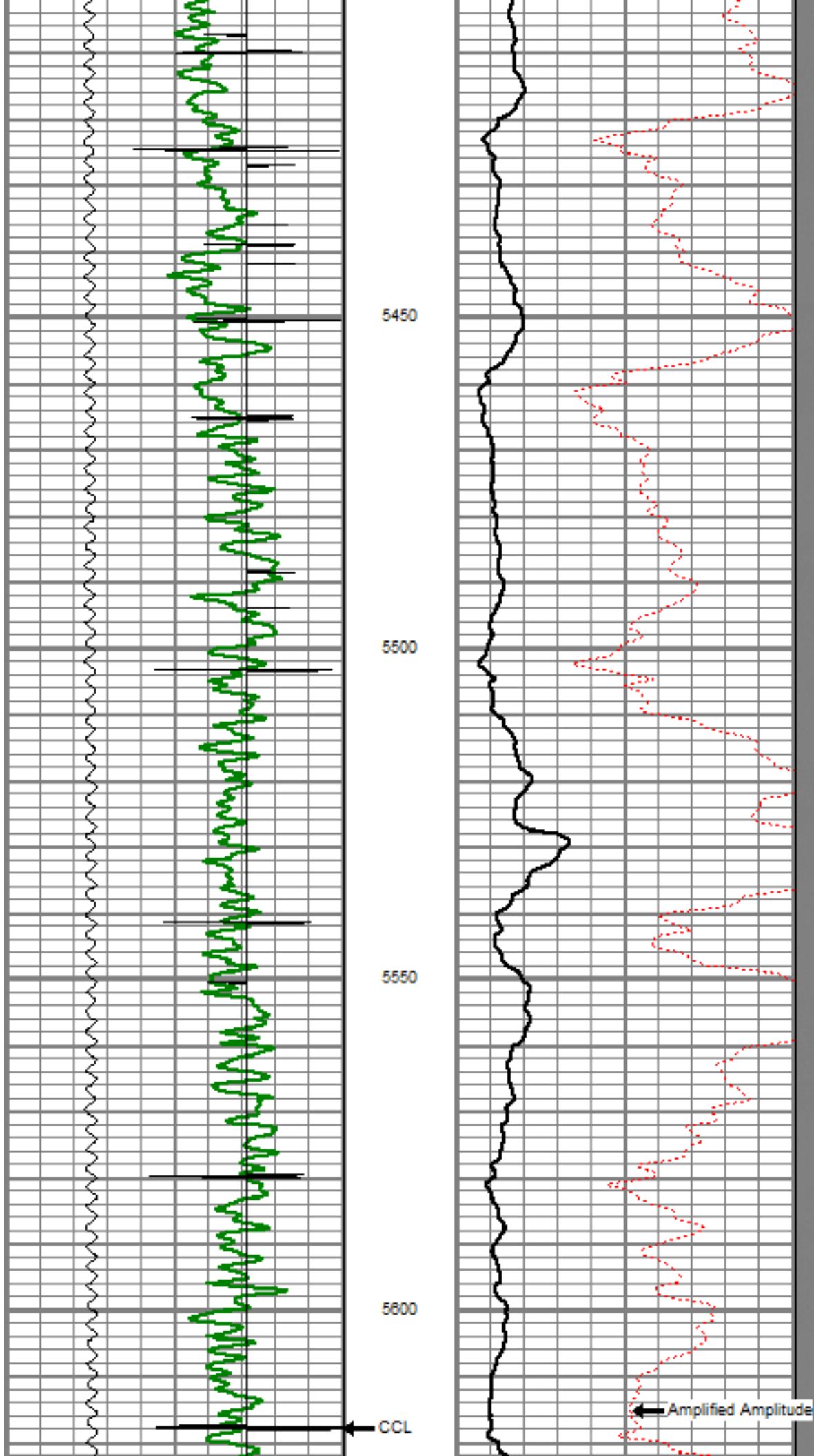
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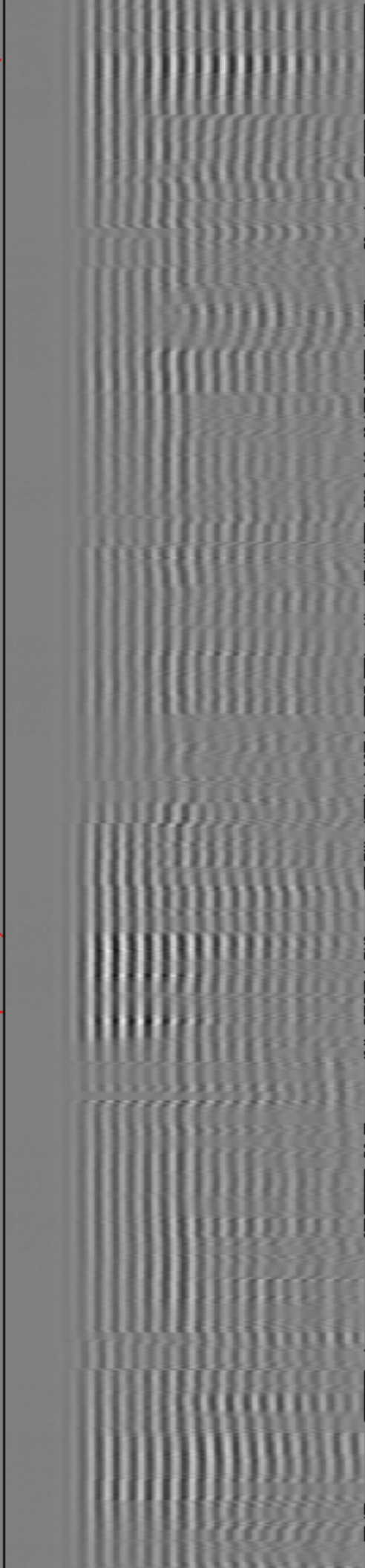
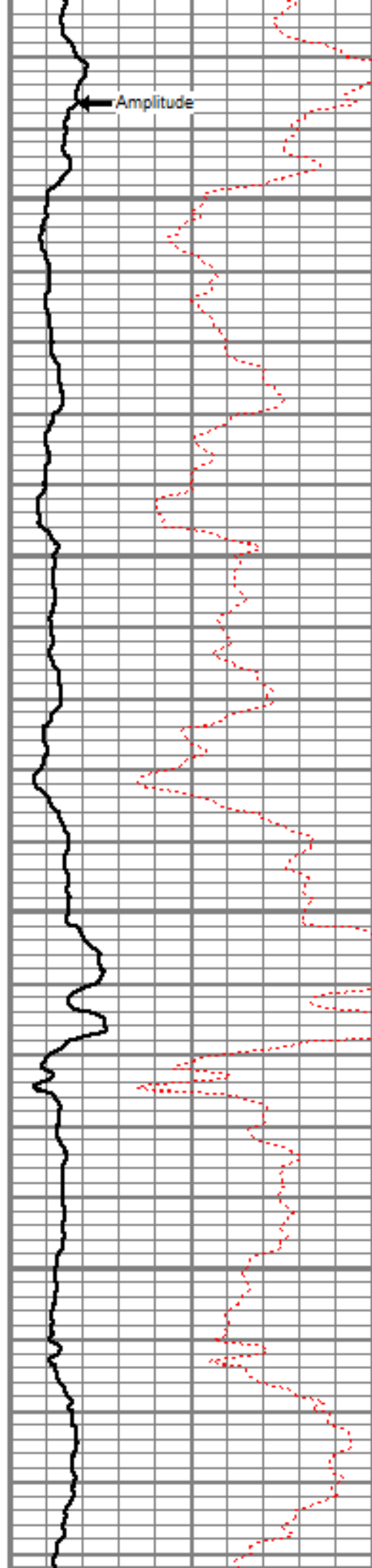
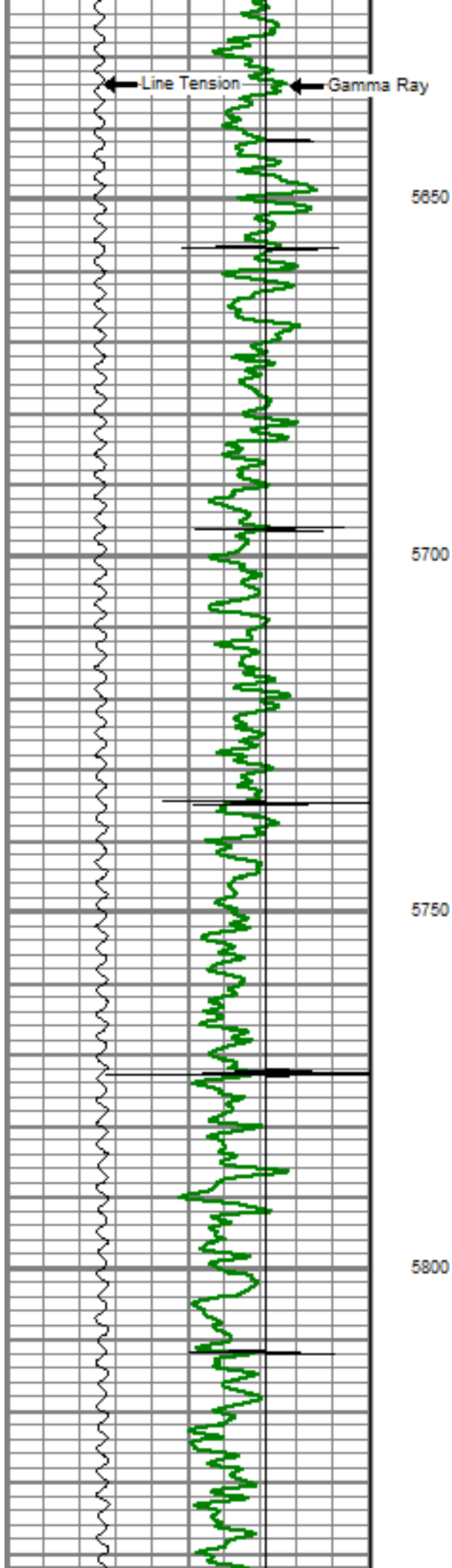
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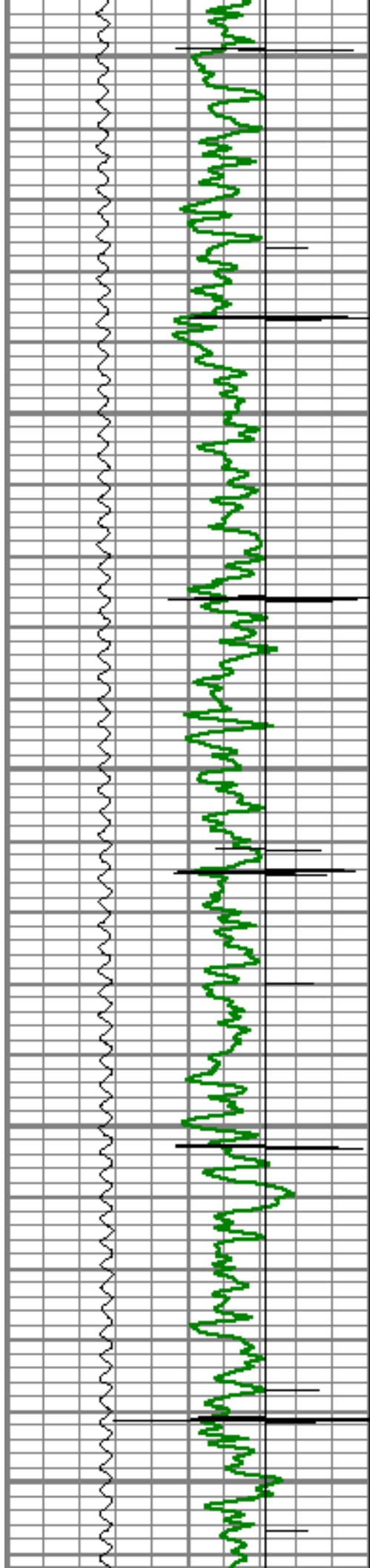
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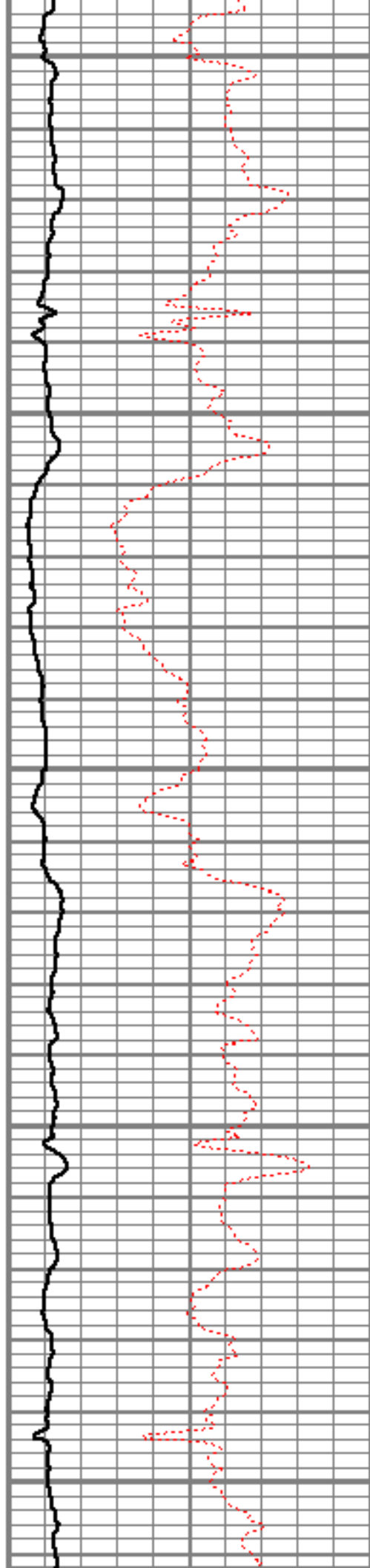
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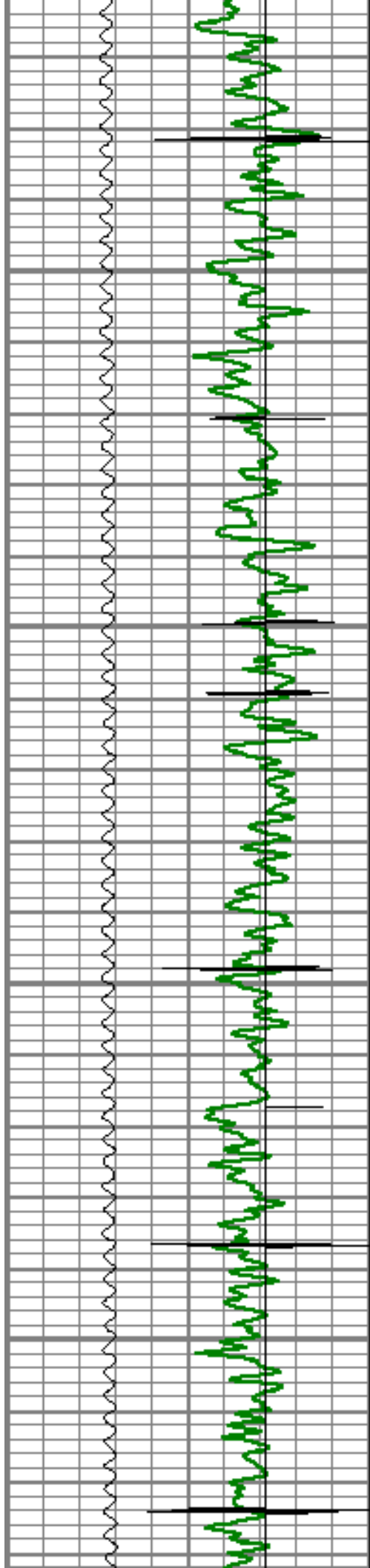
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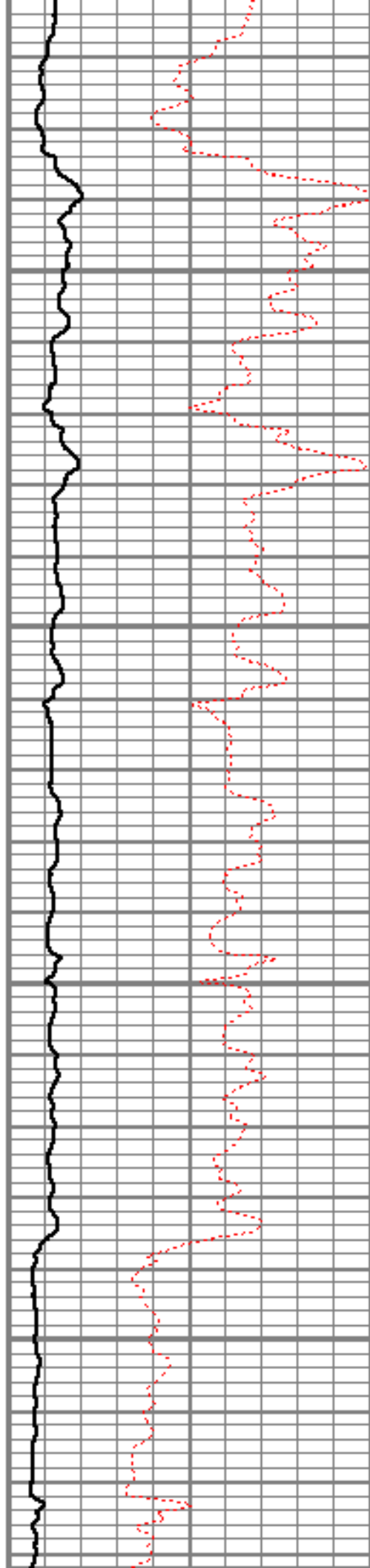


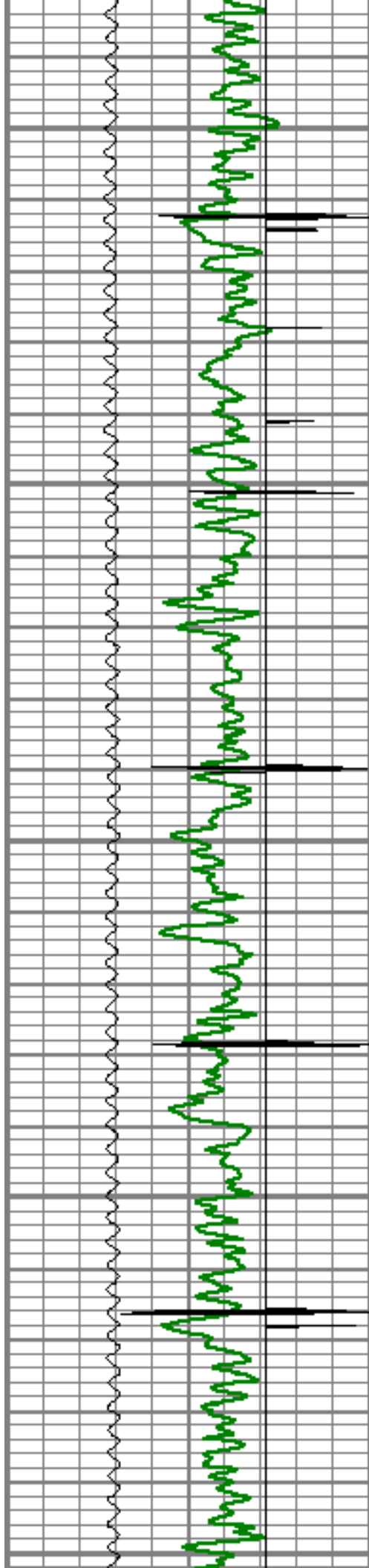
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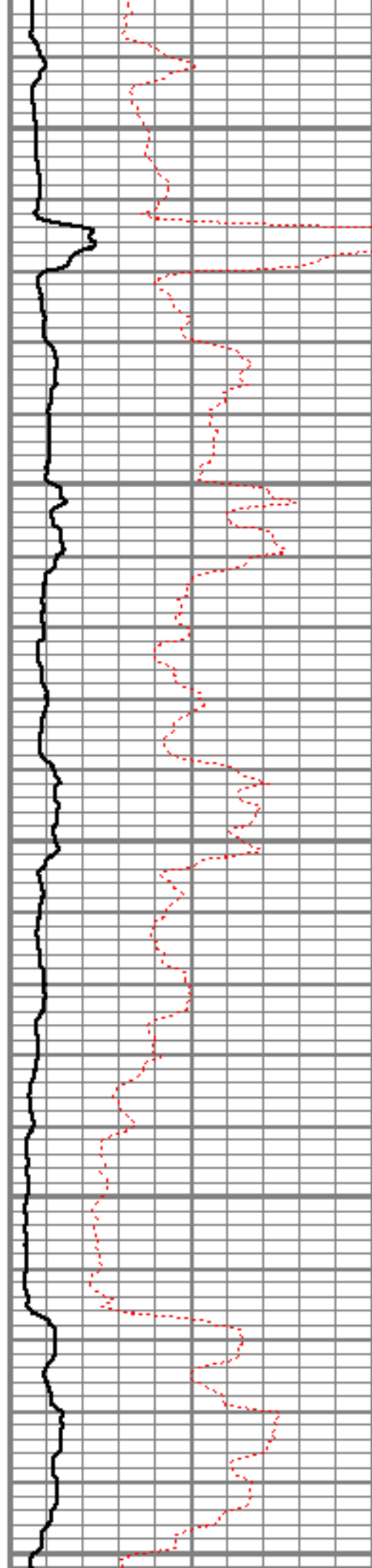
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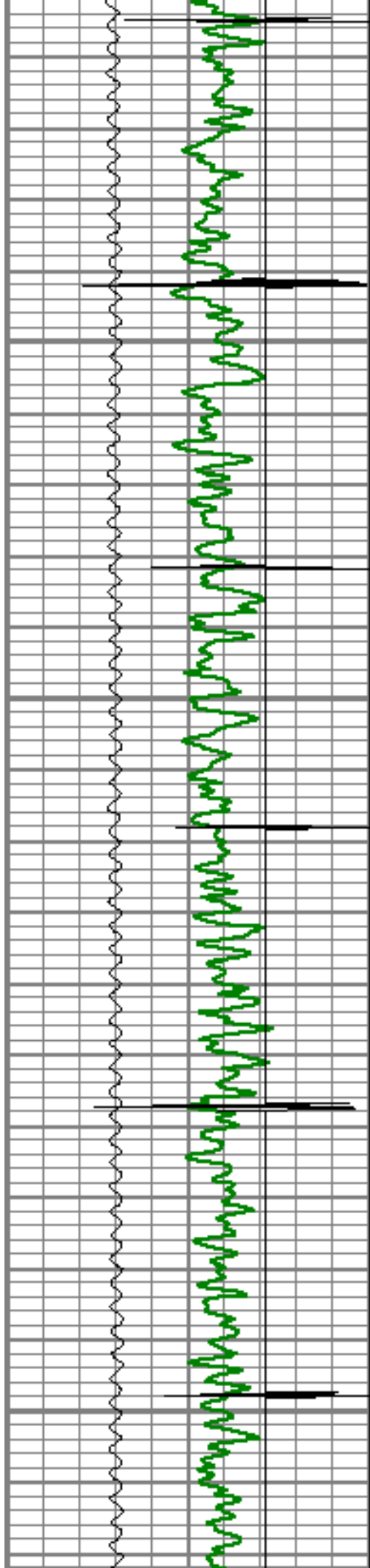
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6500



SHORT

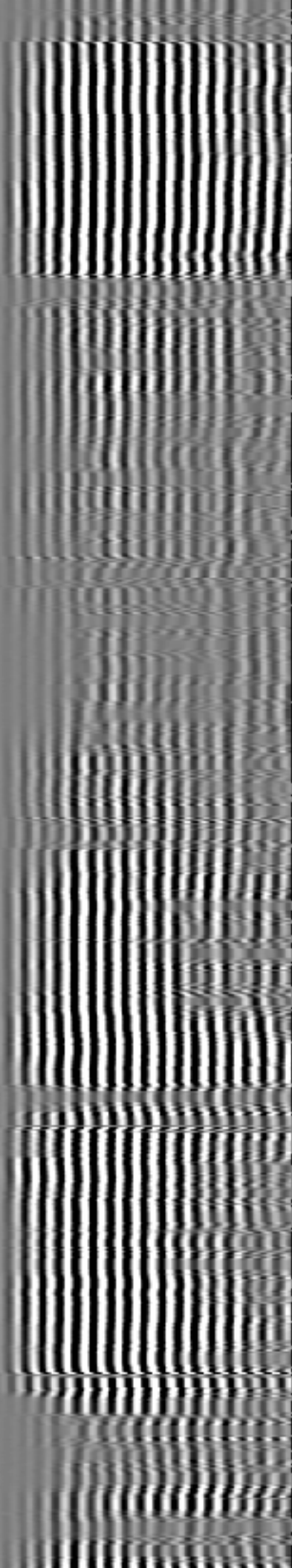
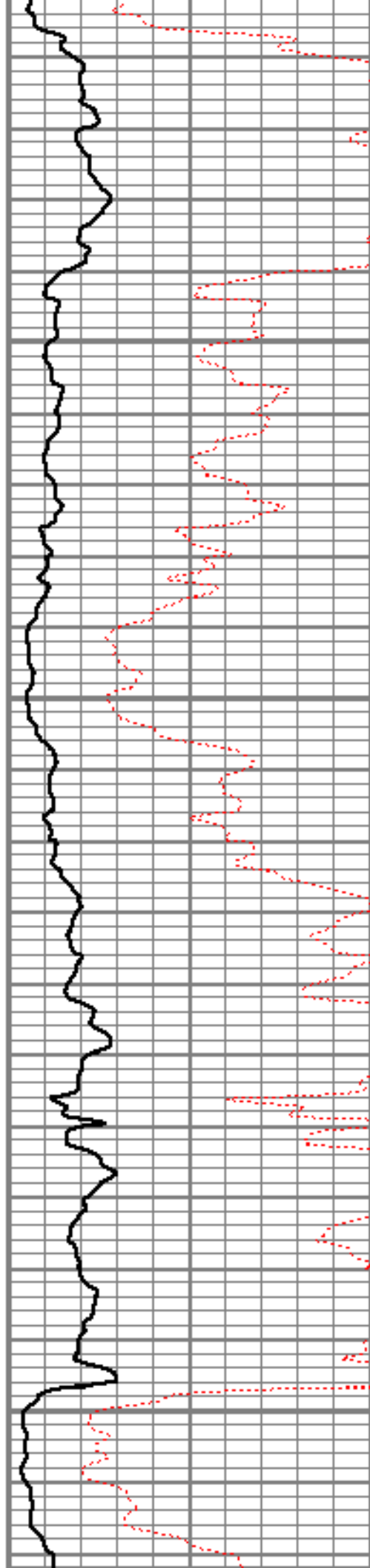


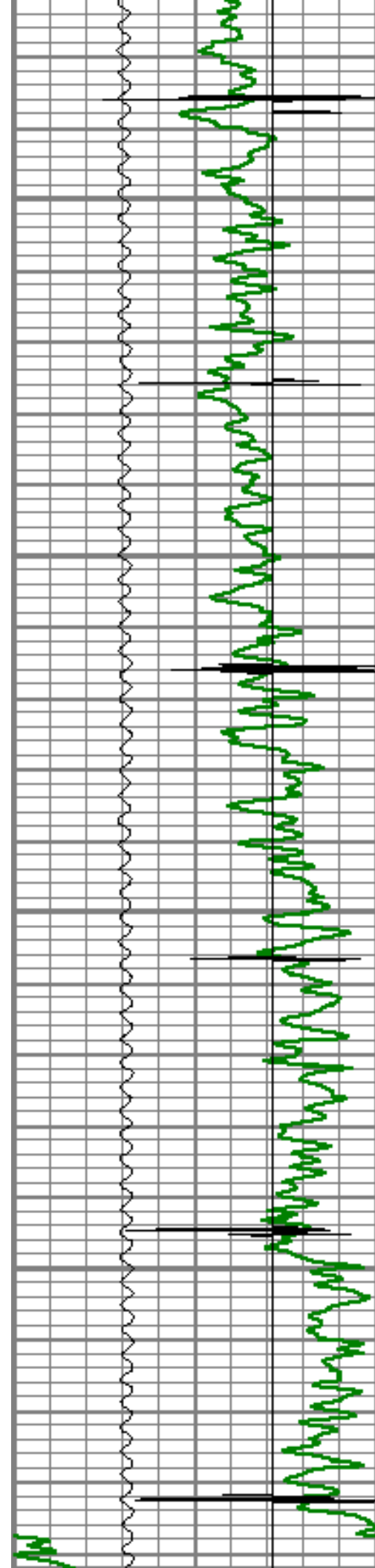
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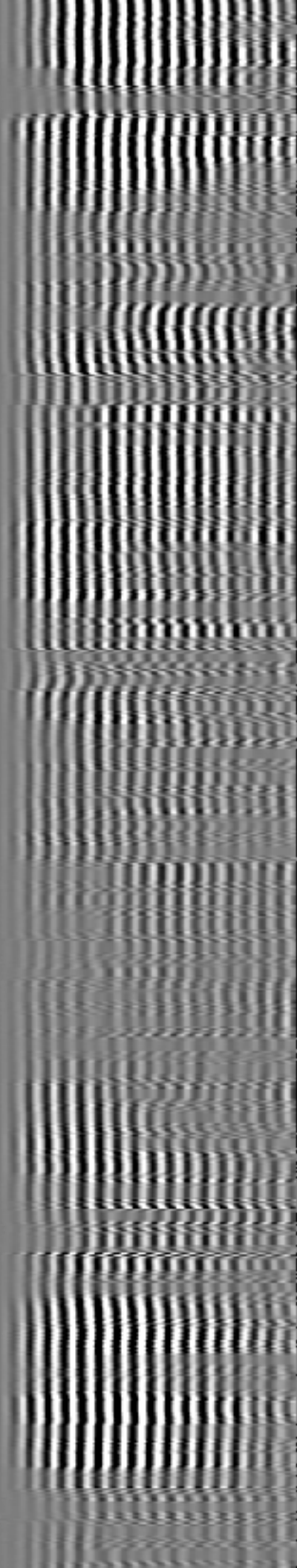
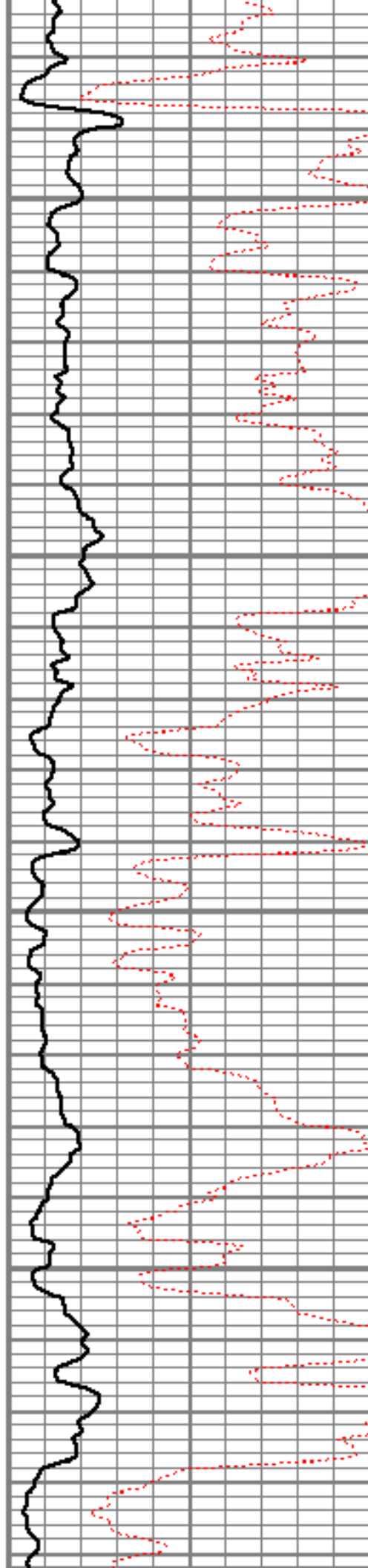


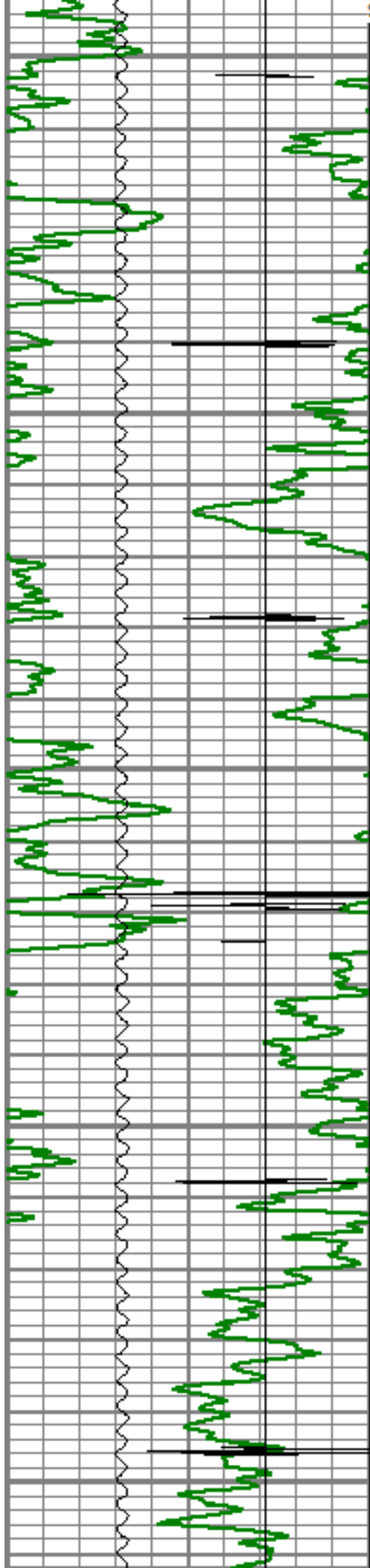
6750

6800

6850

6900





SHORT JOINT

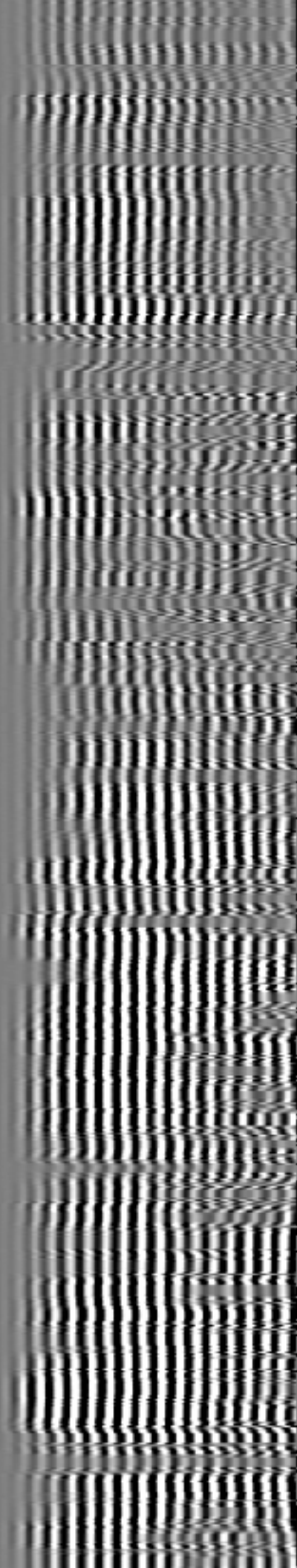
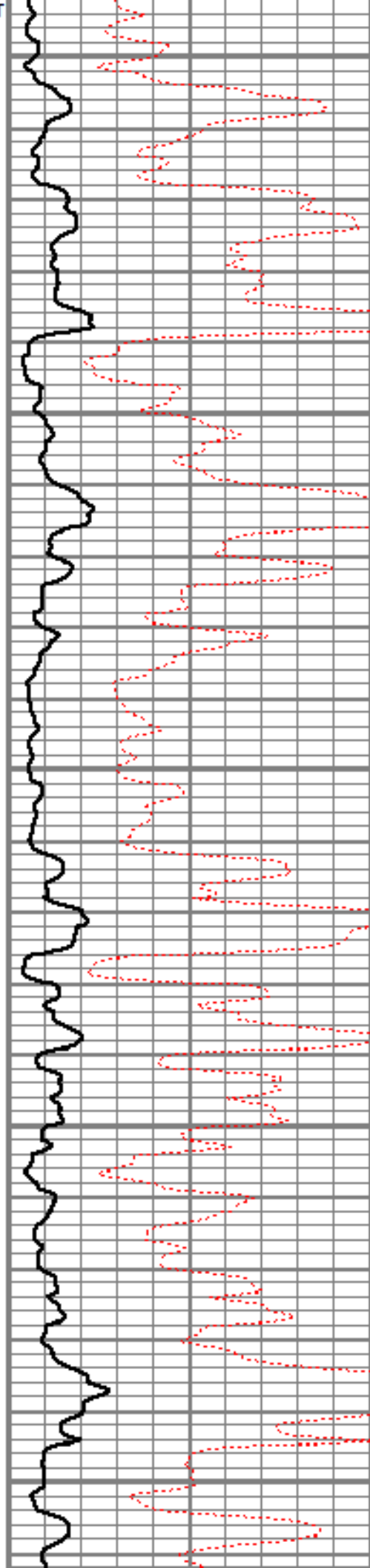
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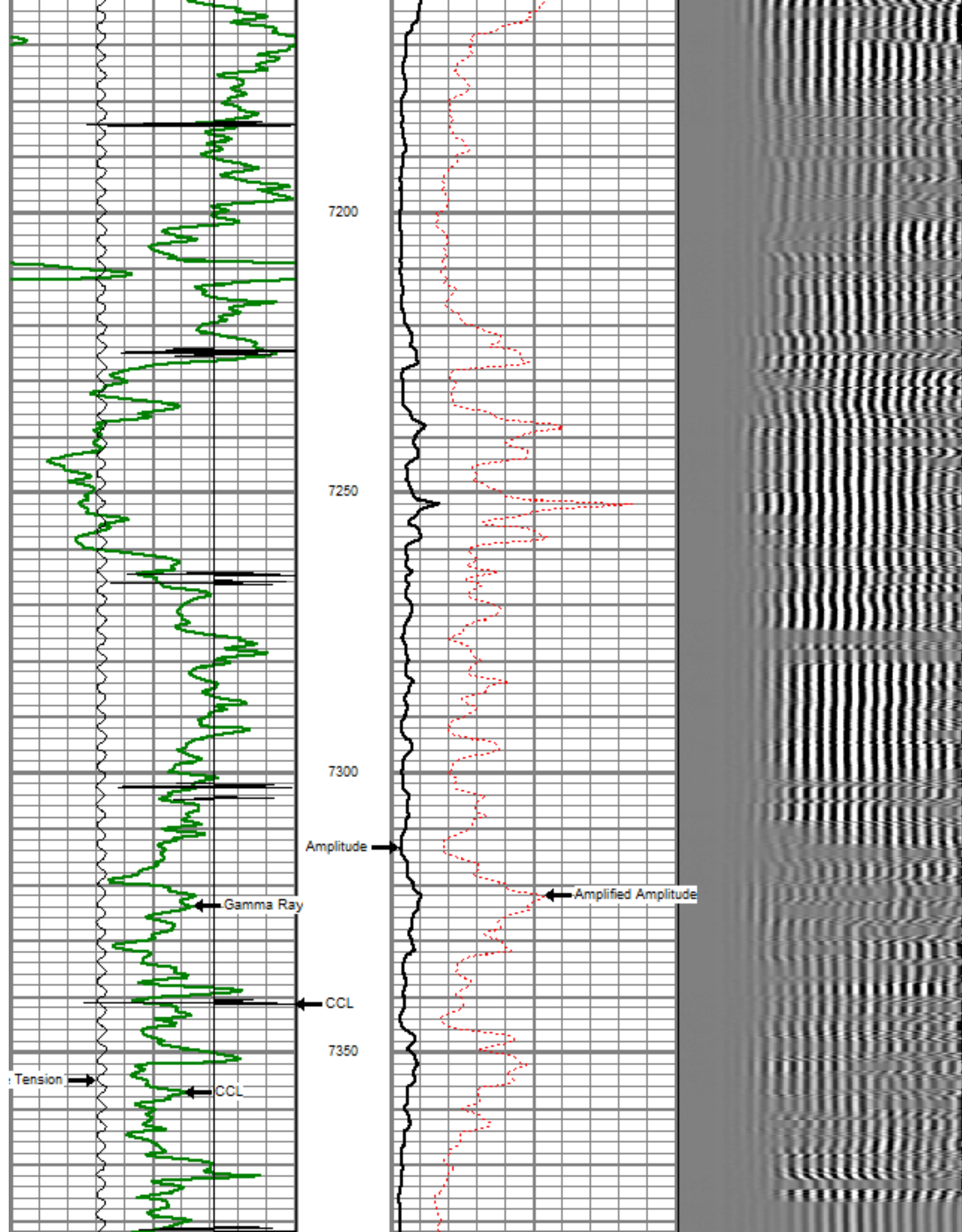
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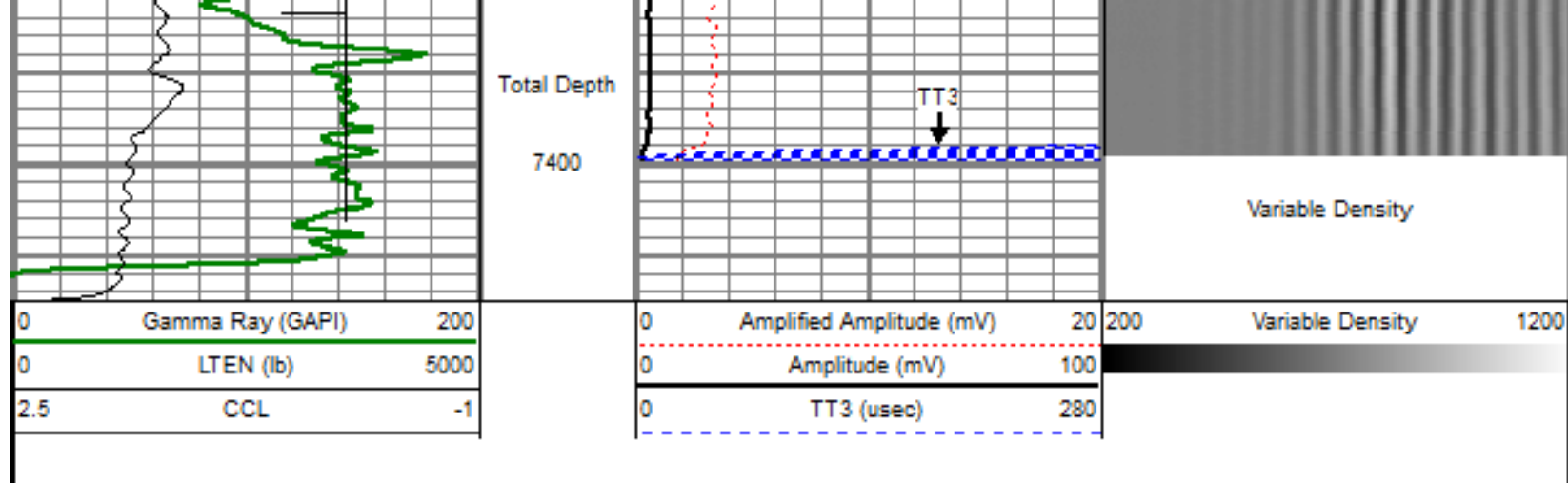
7050

7100


7150








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan Titan Cable Head Go Pin.	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF3	16.56		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.77 2) Probe 2.75" Dual Receiver Bond	28.77 2	2.75	60.00
WVF5	15.56					
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	8.21		CCL-PRB_CCL_2MAG (PRB_CCL_2MAG_02.02) Probe 2 Magnet CCL	02.02	2.75	
			GR-PROBE GR (PRB GR 275 01)	4.54	2.75	30.00

GR	3.63		Probe stand alone Gamma Ray Tool			
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375) Positive pulse Temp tool	0'2.88	1.38	15.00
Dataset: nc farms 15-32 cbl.db: field/well/run1/pass6OH.5 Total Length: 24.98 ft Total Weight: 126.50 lb O.D. 2.75 in						

	Company	BAYSWATER EXPLORATION AND PRODUCTION
	Well	NC FARMS 15-32
	Field	WATTENBERG
	County	WELD
	State	CO