



Mesa Wireline

# CEMENT BOND LOG

Company	ENCANA OIL & GAS (USA) INC
Well	ELMQUIST 4-4-23
Field	WATTENBERG
County	WELD
State	COLORADO
Location:	APL #: 05-123-31975-0000
SHL: 1641' FNL & 1624' FWL SE NW BHL: 2600' FNL & 2569' FWL SE NW SEC. 23 TWP. 2N RGE. 68W	Other Services NONE
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL Elevation 4917' KELLY BUSHING = 13' KELLY BUSHING
	Elevation K.B. 4930' D.F. 4931' G.L. 4917'

Date	05 JANUARY 2012		
Run Number	ONE		
Depth Driller	8270'		
Depth Logger	8224'		
Bottom Logged Interval	8224'		
Top Log Interval	2850'		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	251 DEG F		
Estimated Cement Top	3050'		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	10901 PRD 01		
Location	AULT, CO		
Recorded By	V.FULLER		
Witnessed By	G.CUMMINGS		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
ONE	12.25"	0'	798'
TWO	7.875"	798'	8270'
Casing Record	Size	Wgt/Ft	Top
Surface String	8.625"	24#	0'
Prot. String			
Production String	4.5"	11.6#	0'
Liner			8257'

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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 CORRELATED TO PSI HIGH RESOLUTION INDUCTION LOG DATED DECEMBER 25 2011  
SHORT JOINT 7380' - 7403'

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



TOP PASS

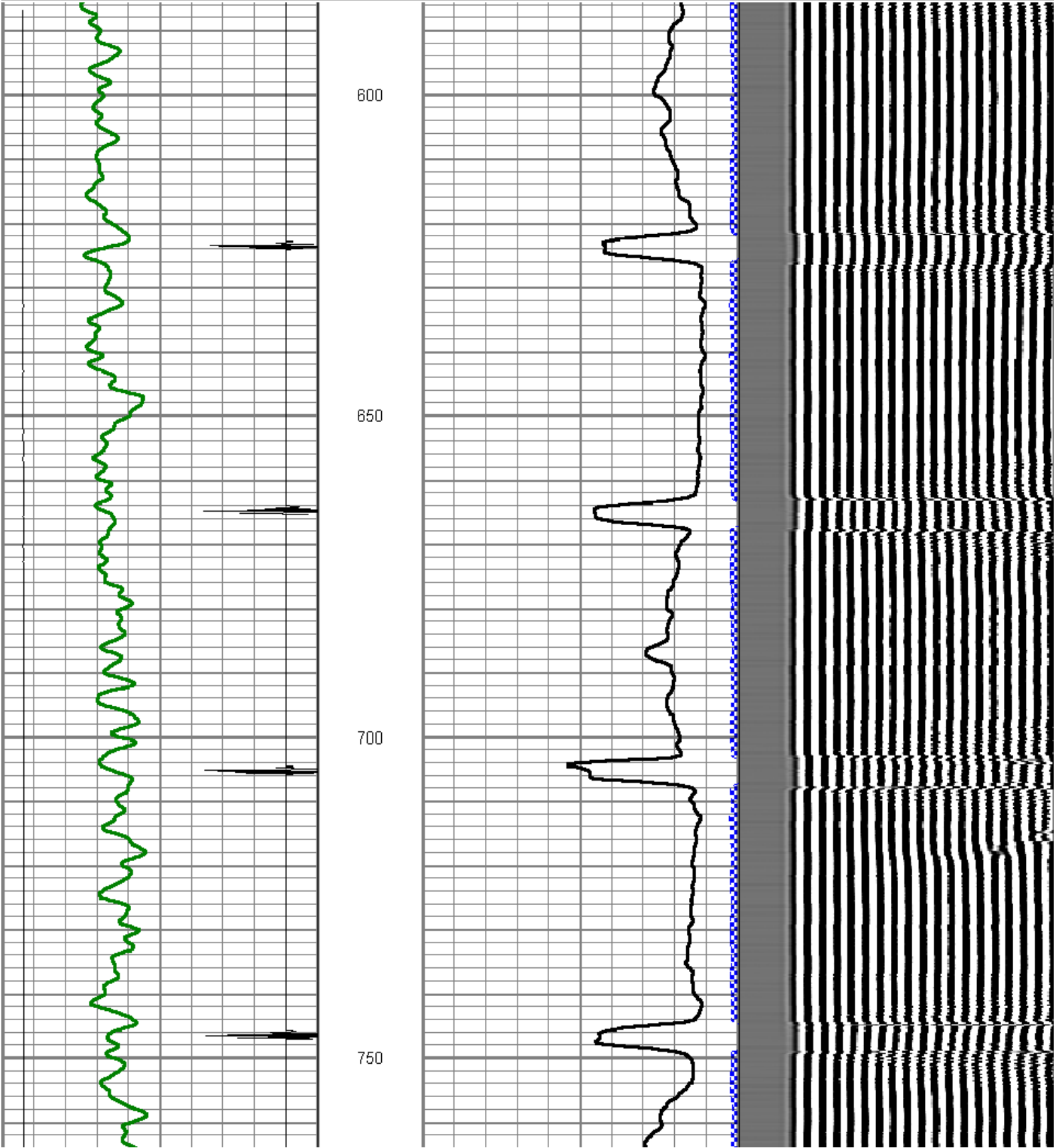
5" = 100'

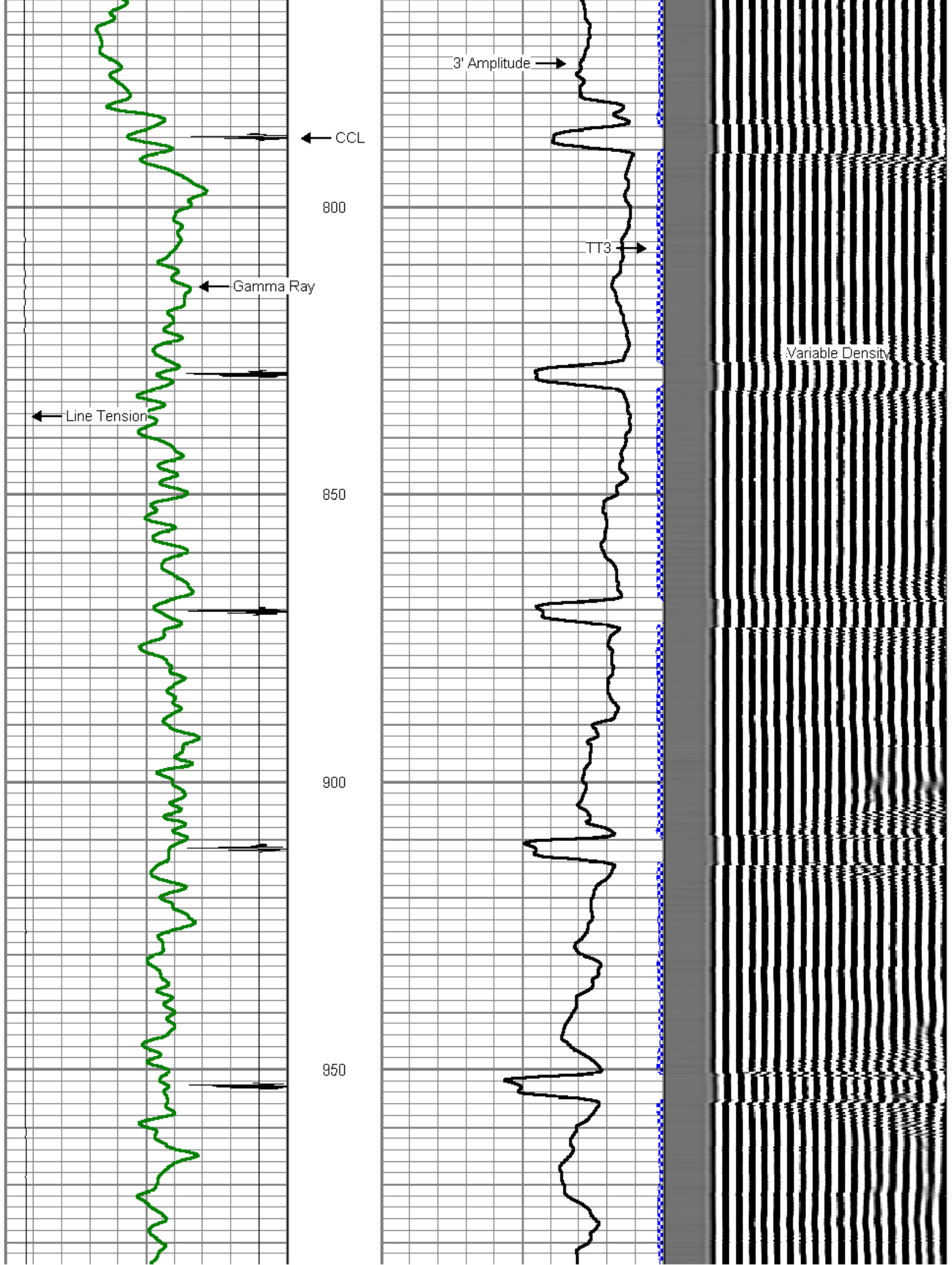
# Mesa Wireline

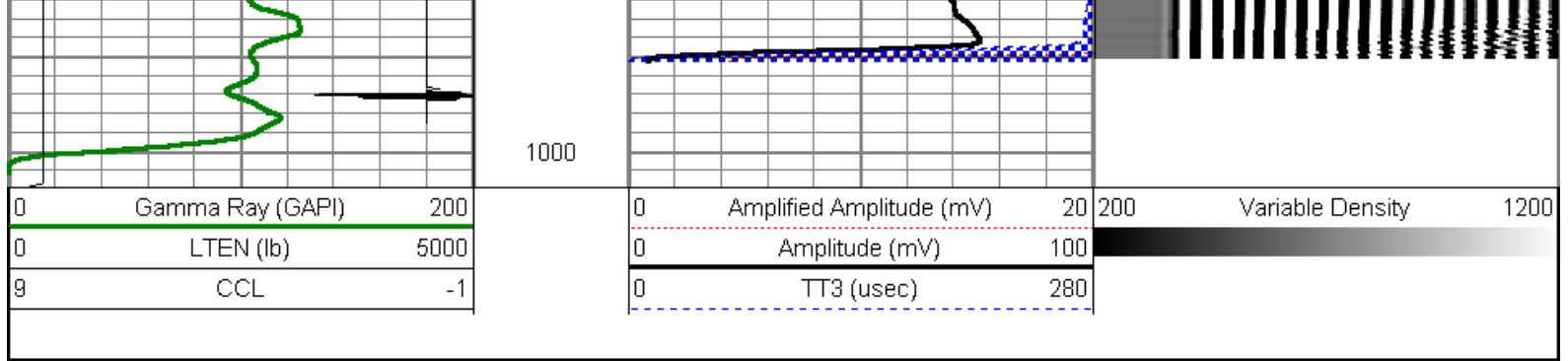
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Dataset Pathname: pass16.1  
Presentation Format: dcbl\_prb  
Dataset Creation: Thu Jan 05 14:28:27 2012 by Calc SCH 110722  
Charted by: Depth in Feet scaled 1:240

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

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



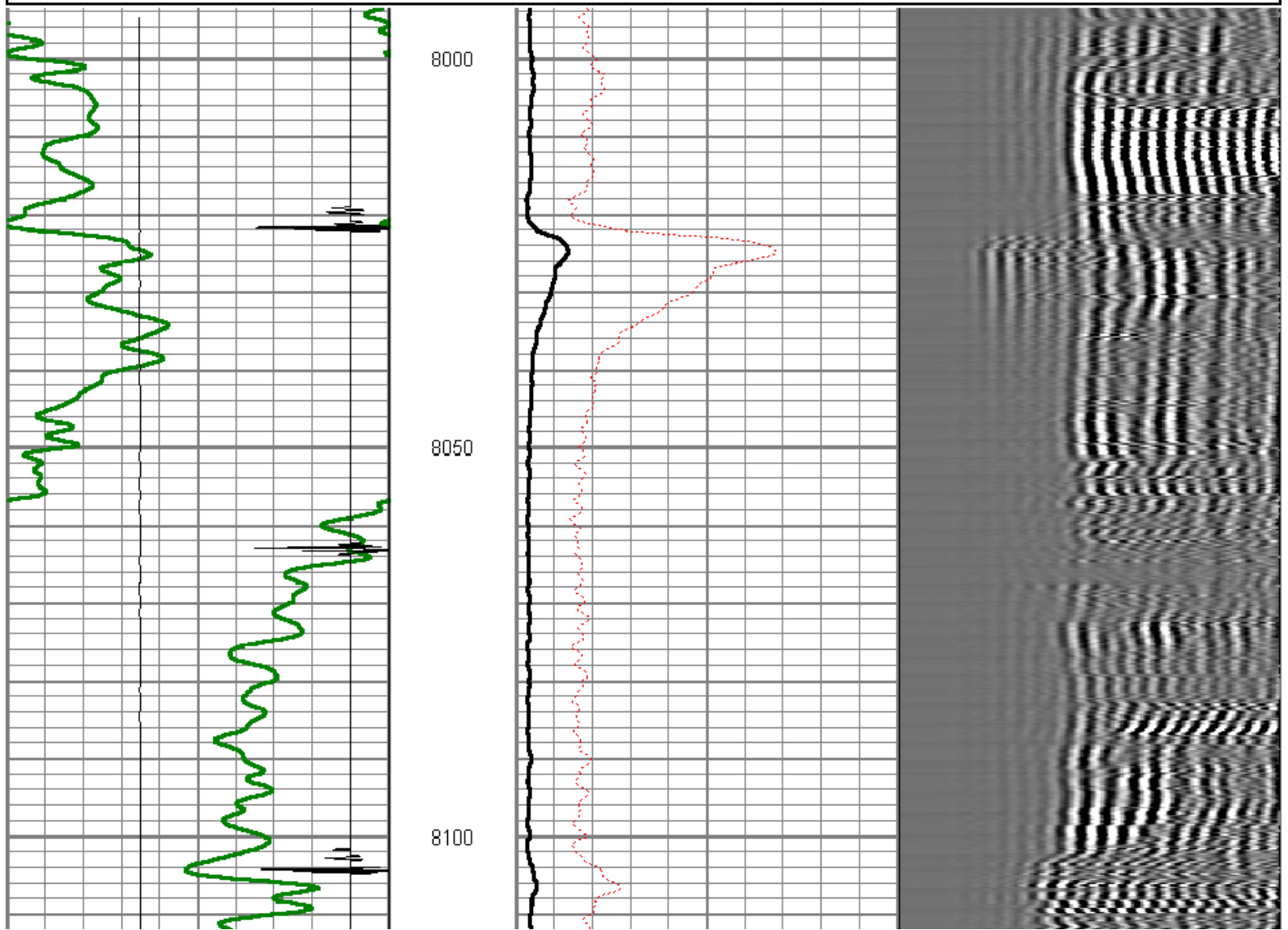
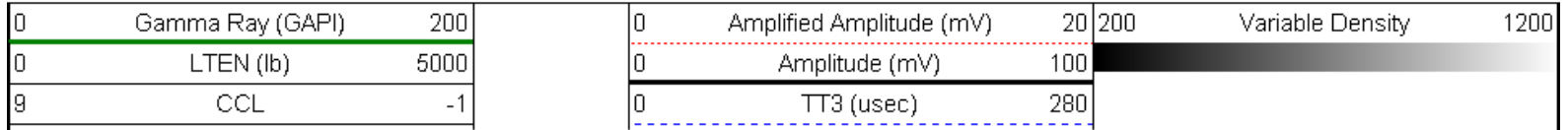




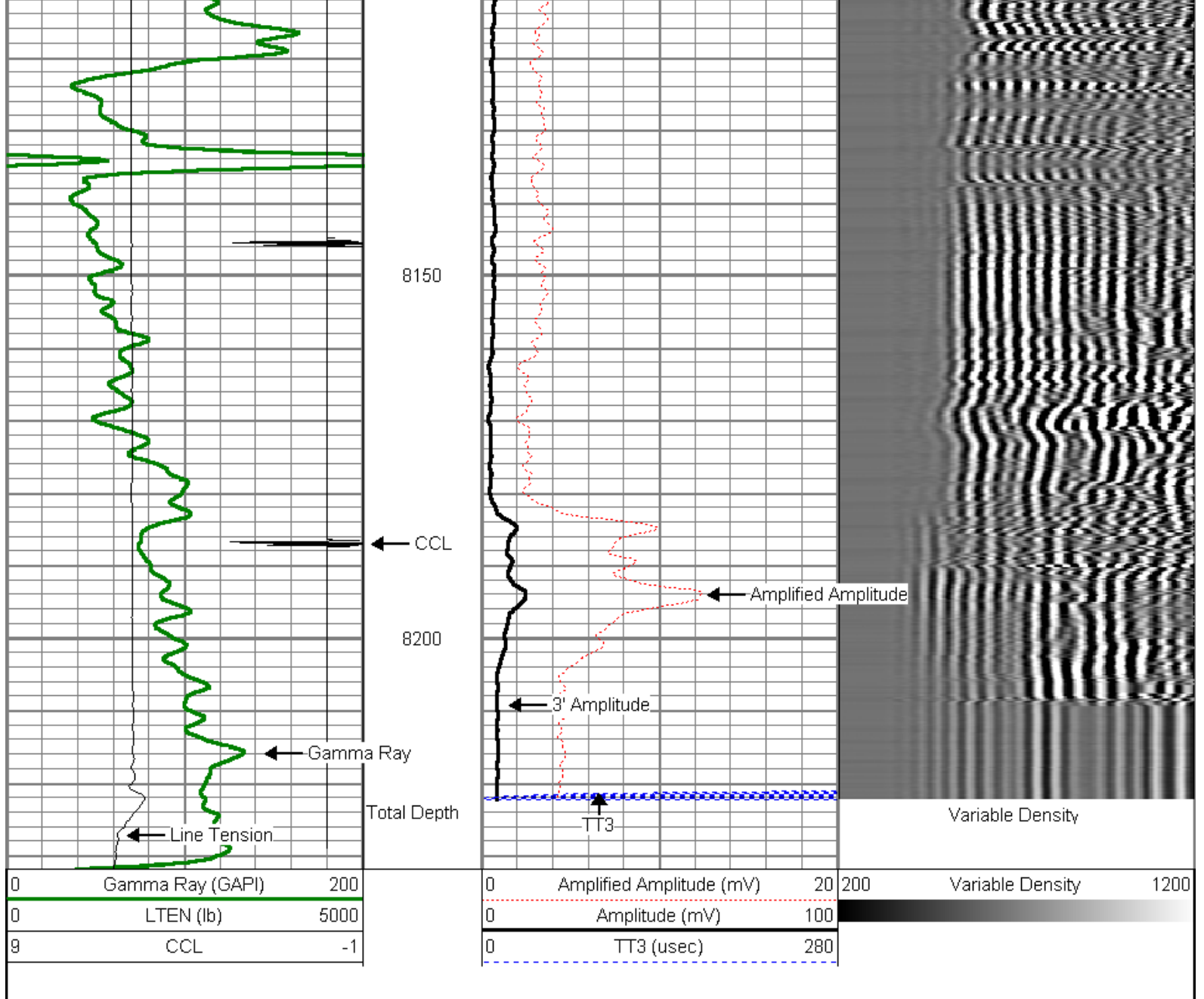
## REPEAT PASS

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Database File: elmquist 4-4-23.db  
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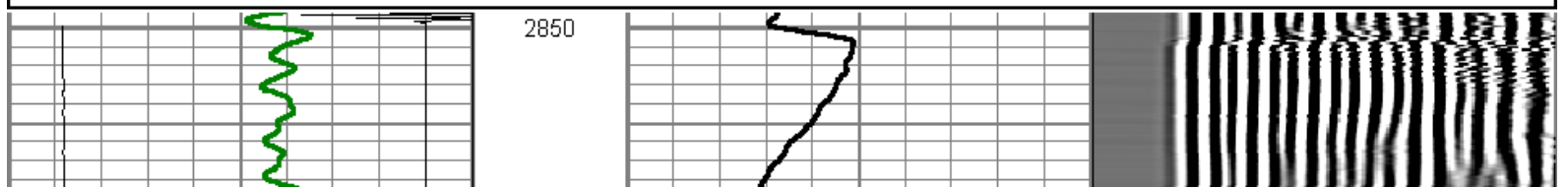
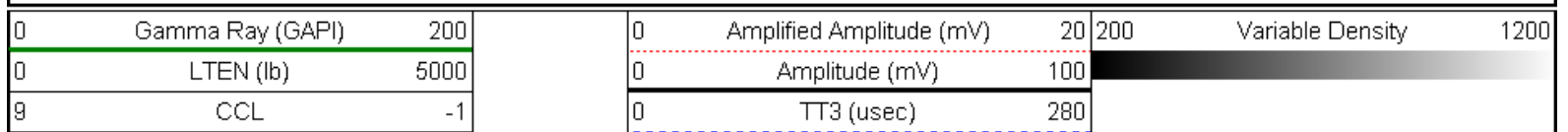


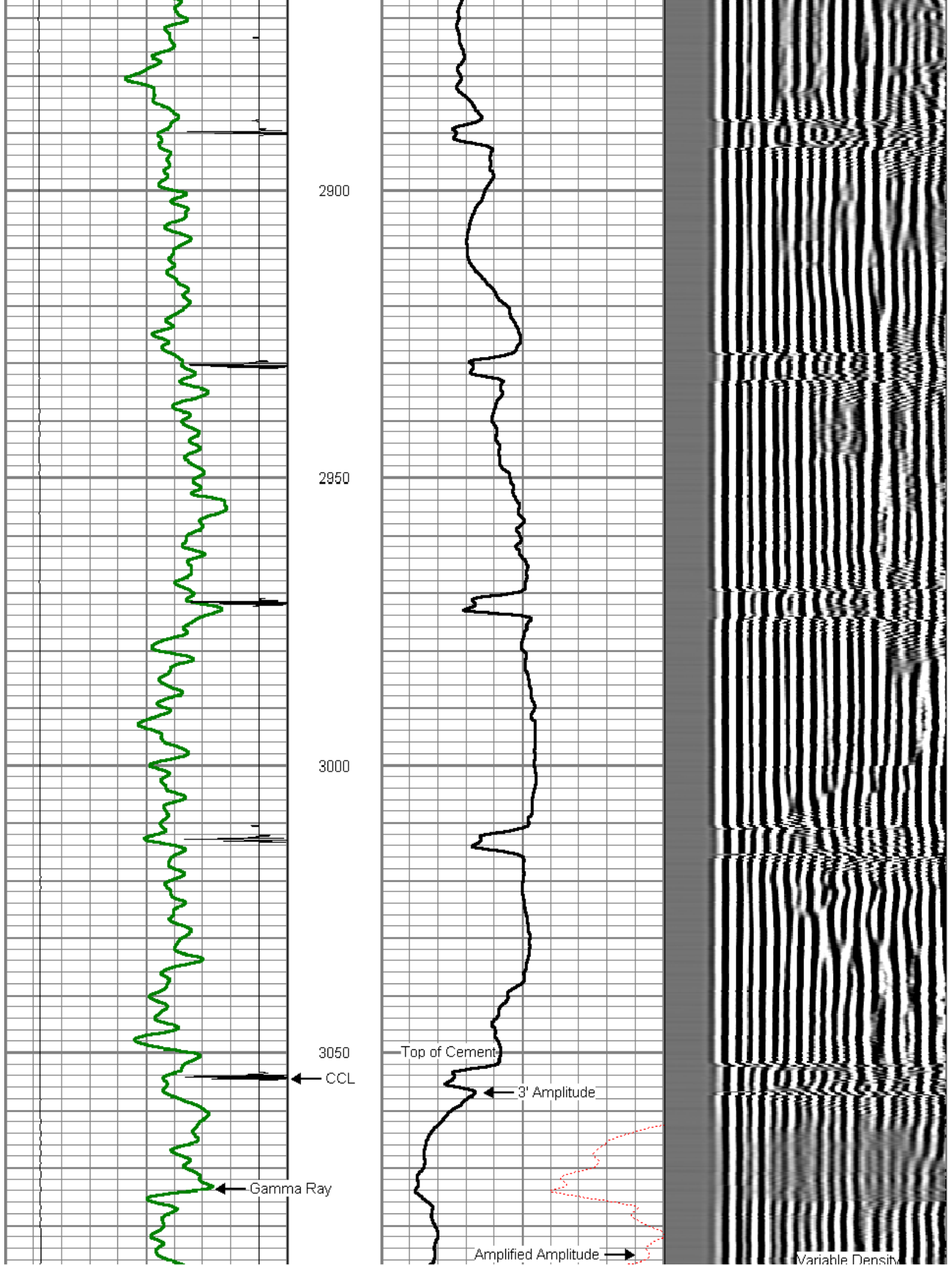


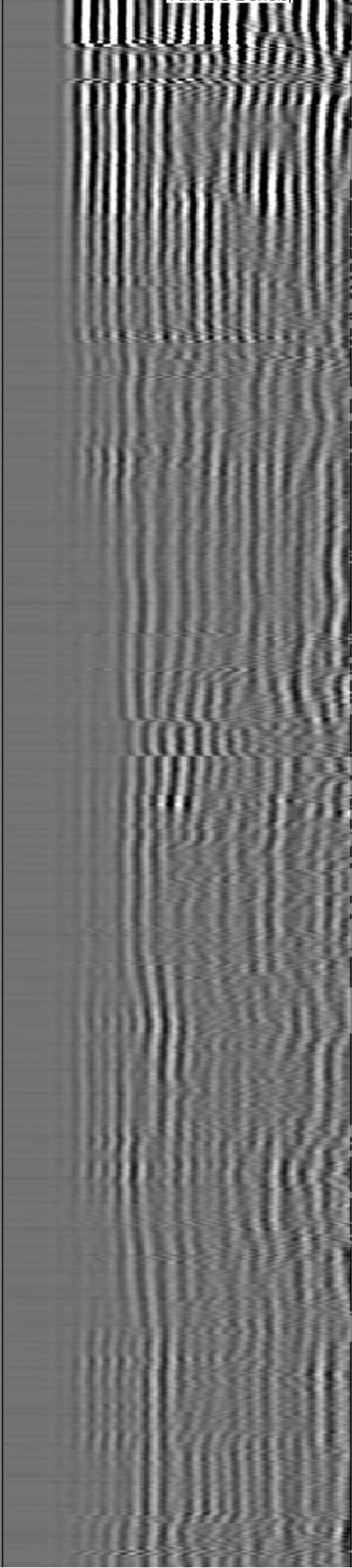
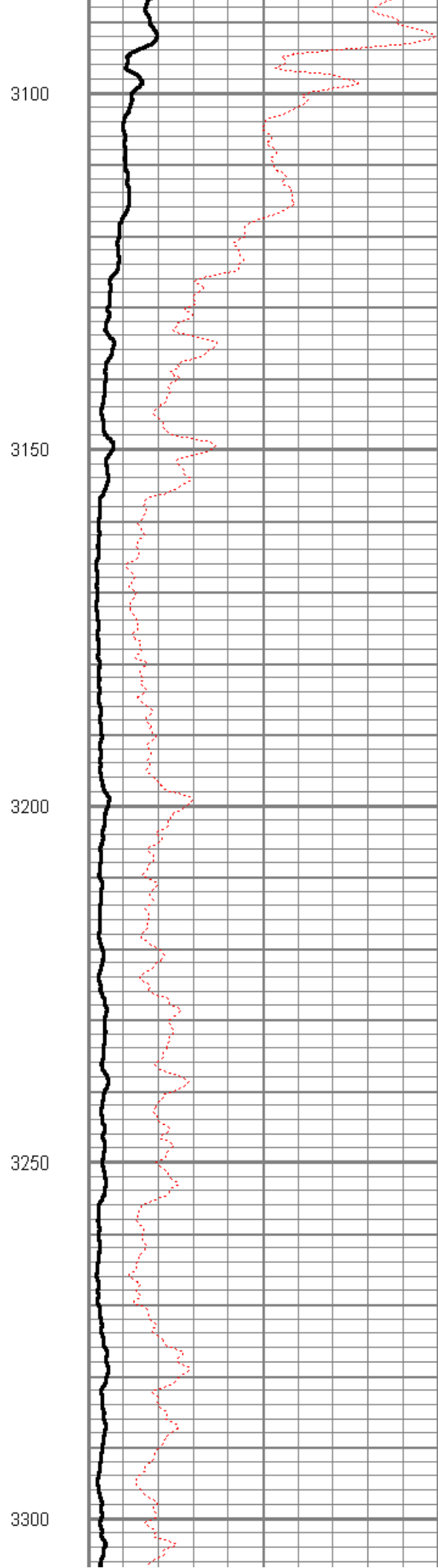
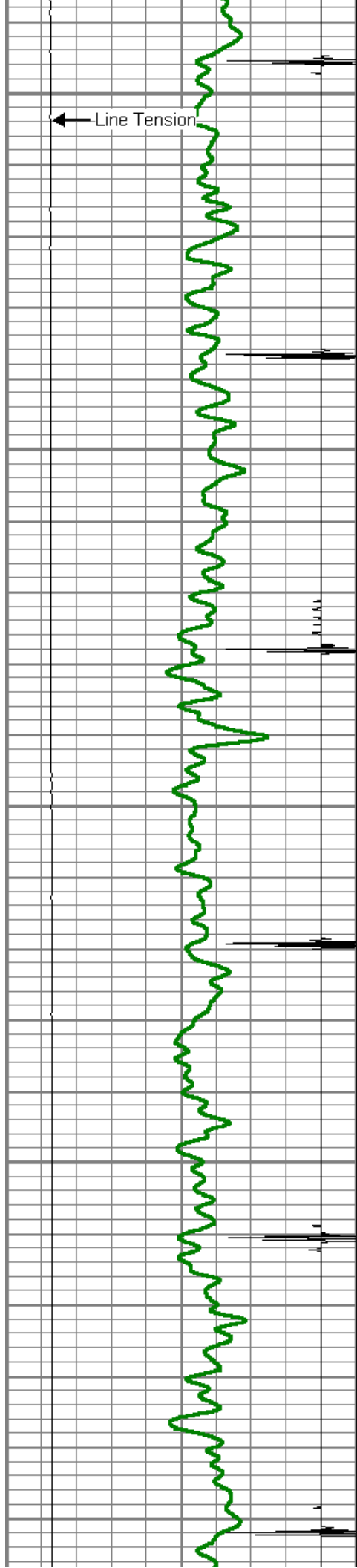
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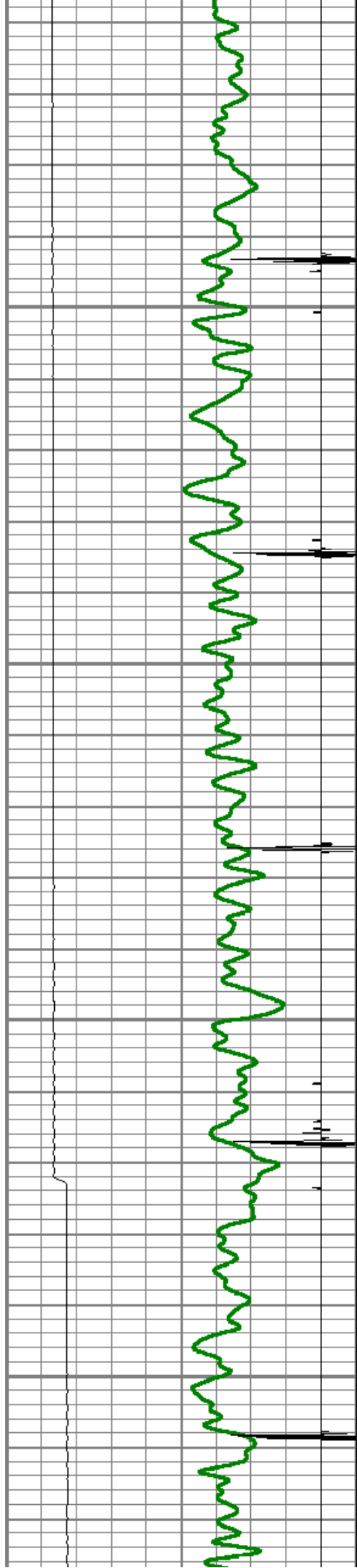
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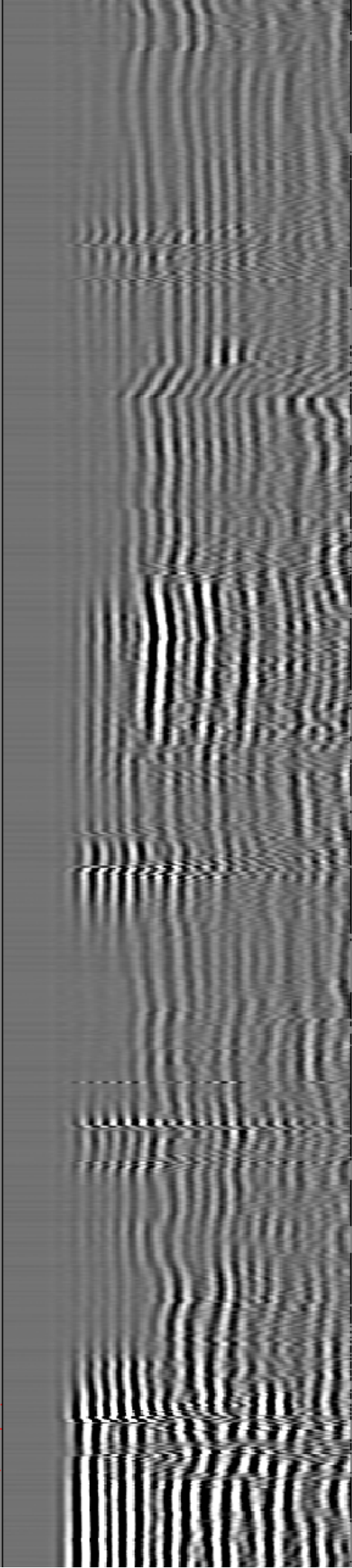
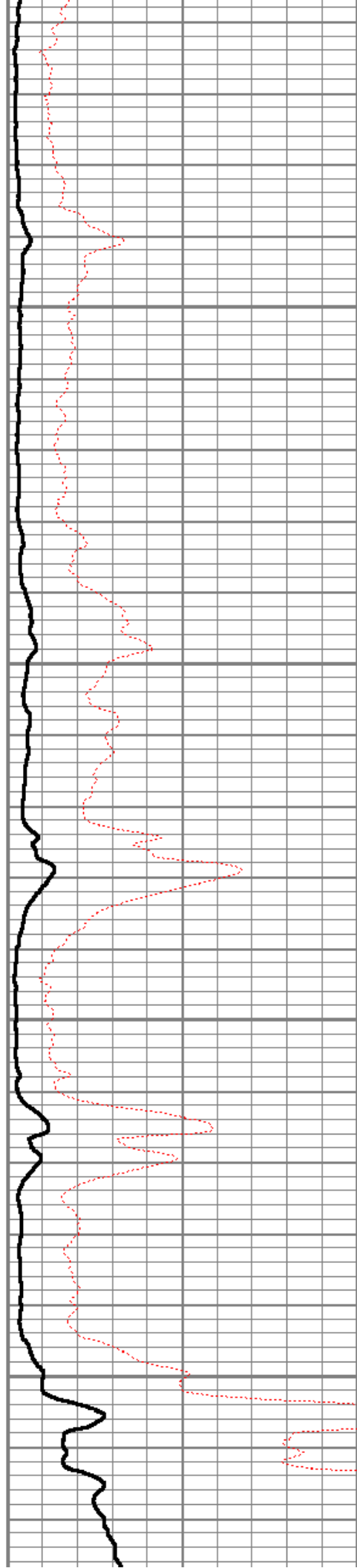


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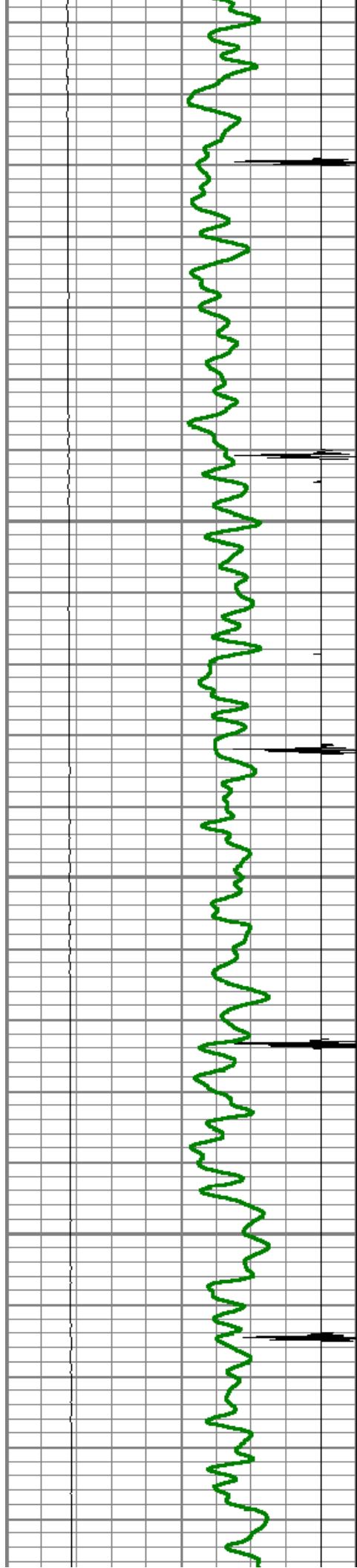
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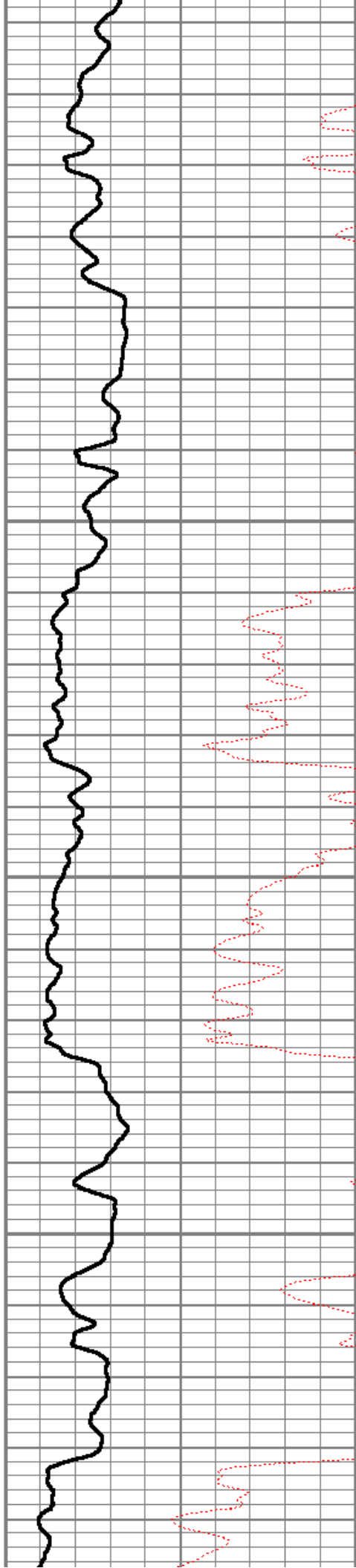


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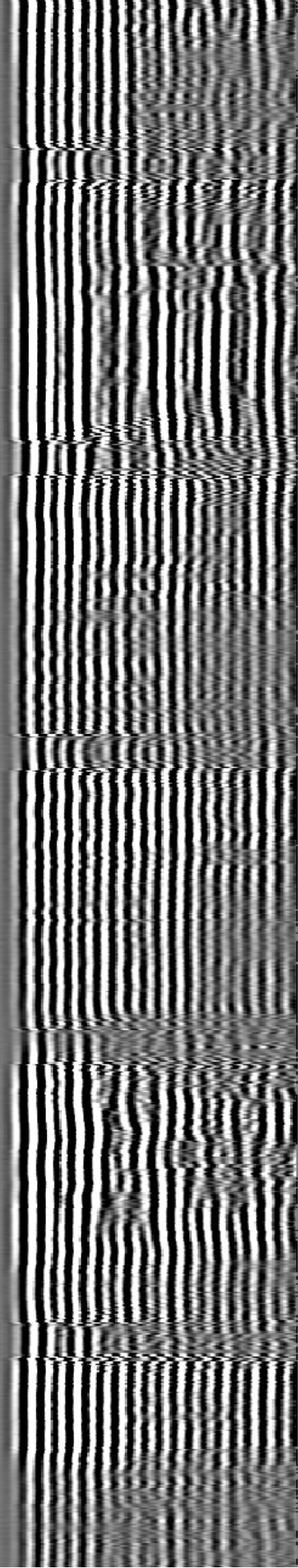


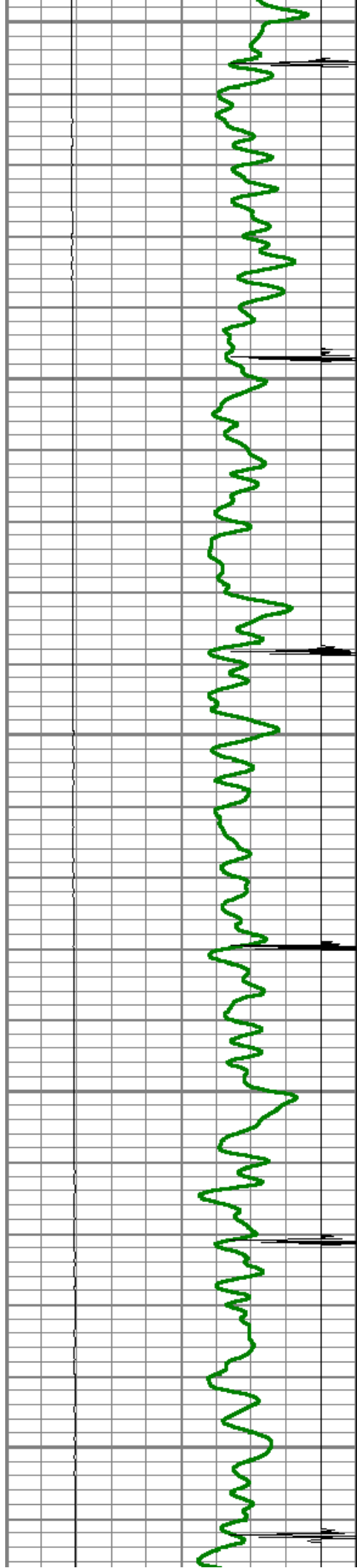
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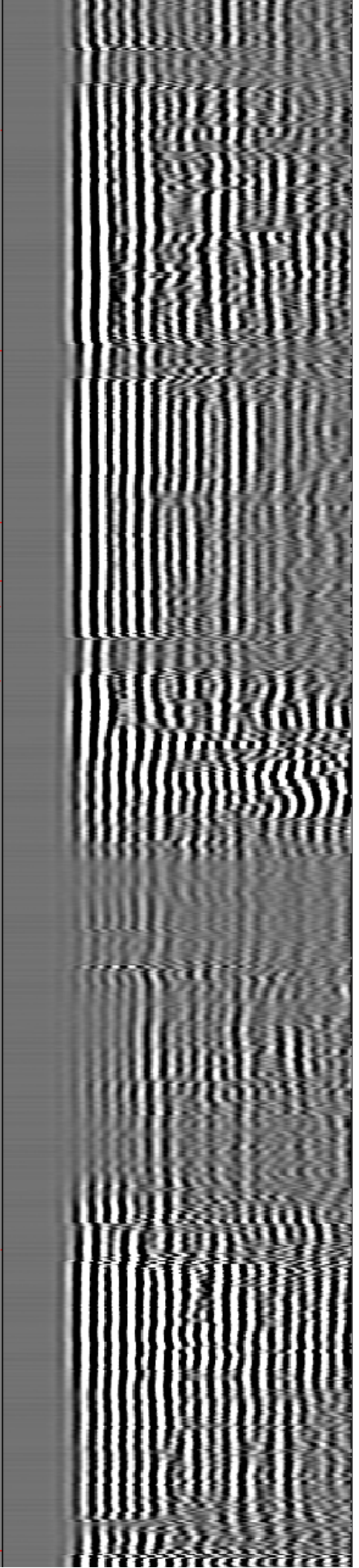
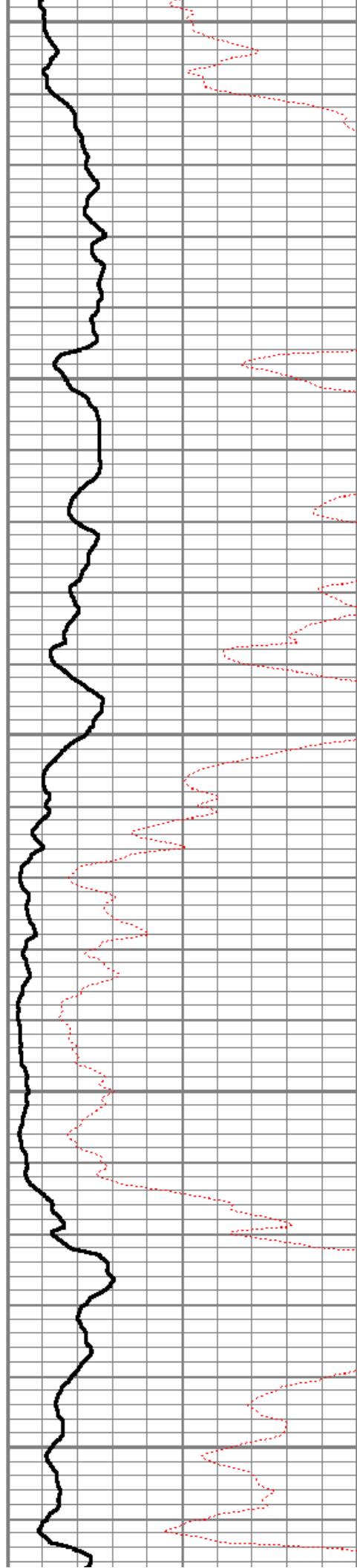
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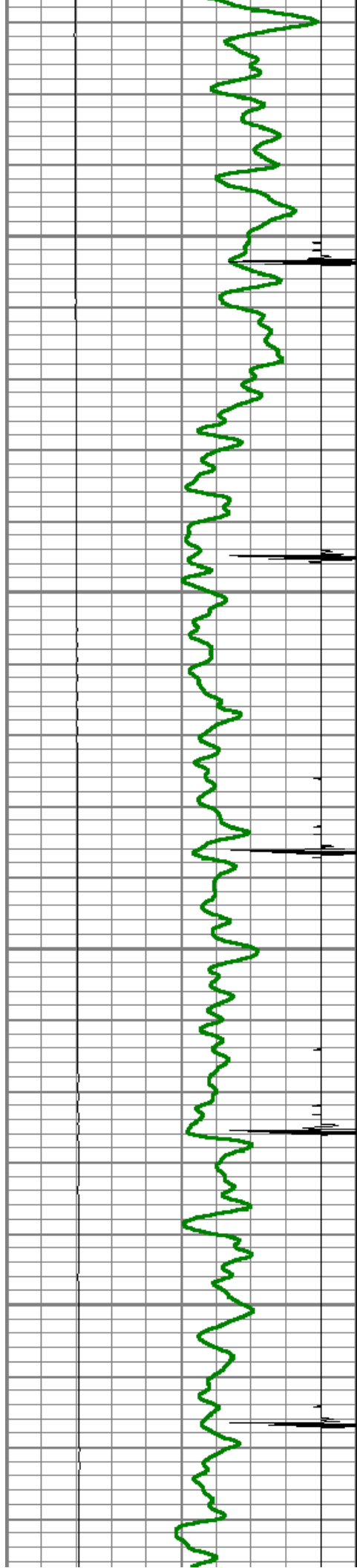
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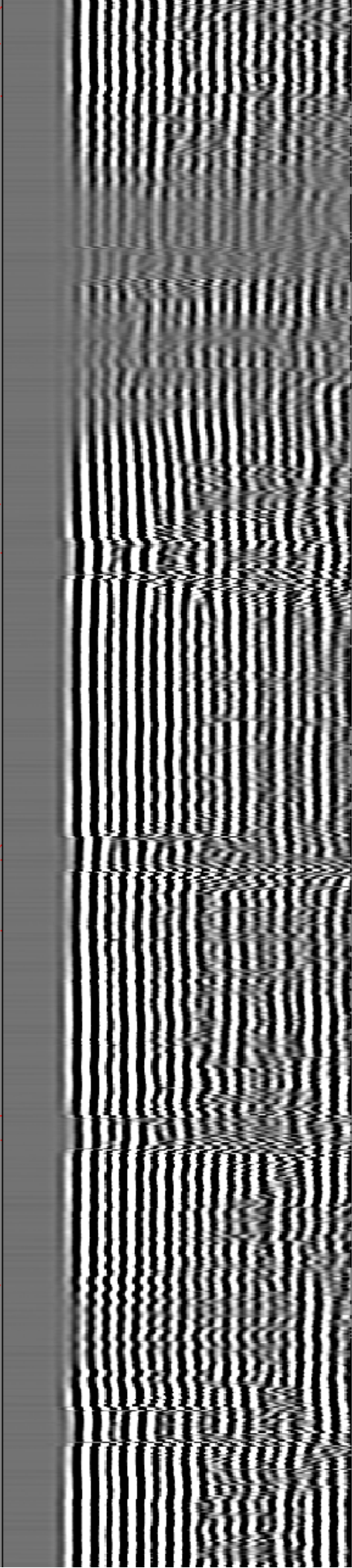
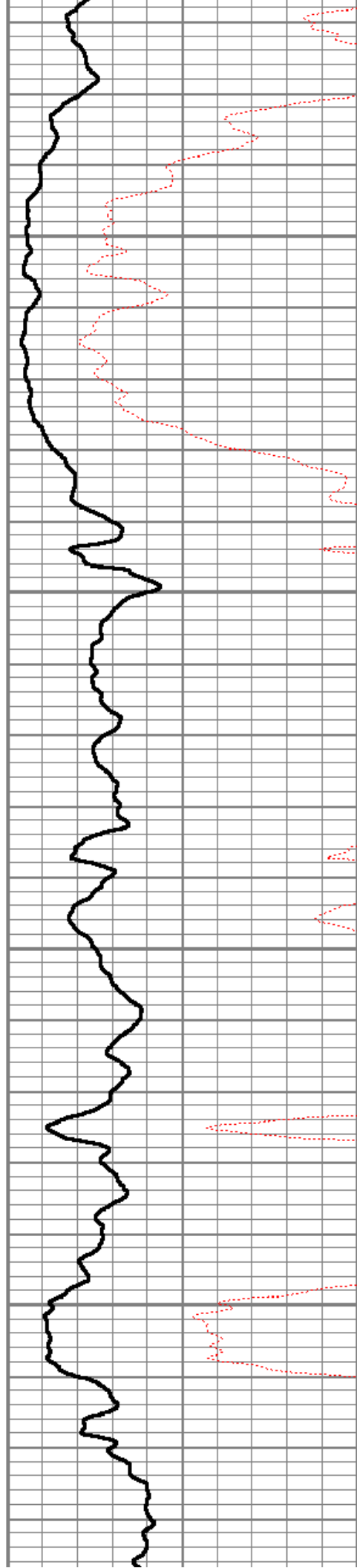


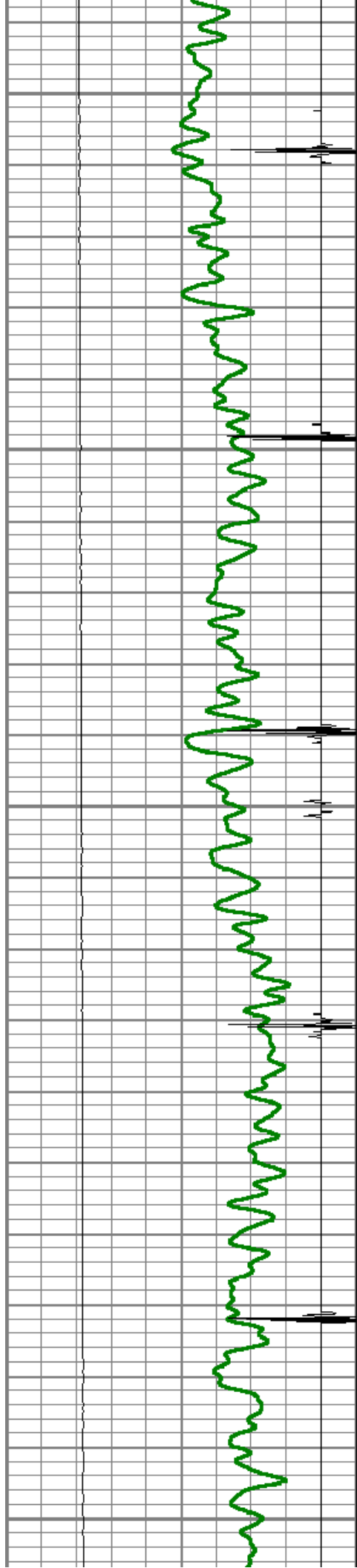
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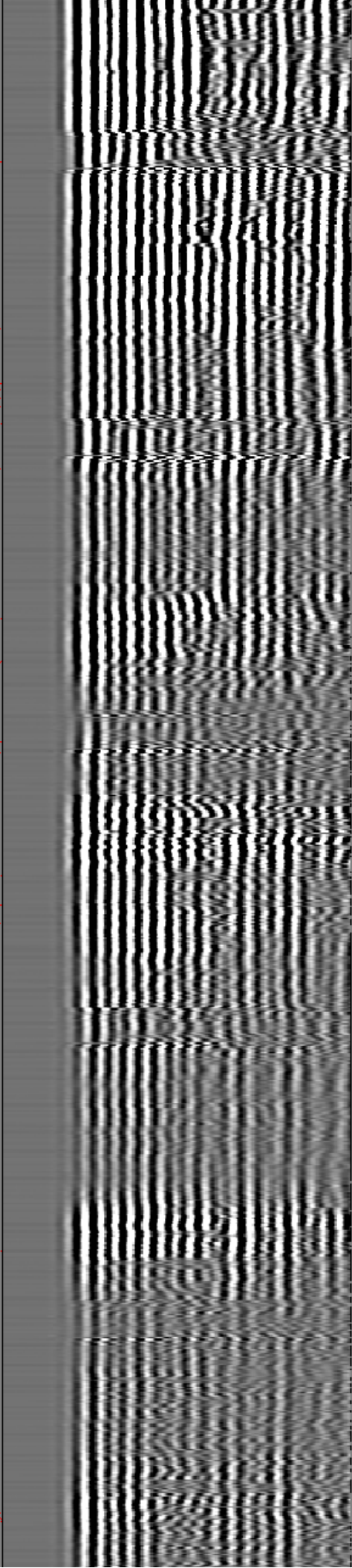
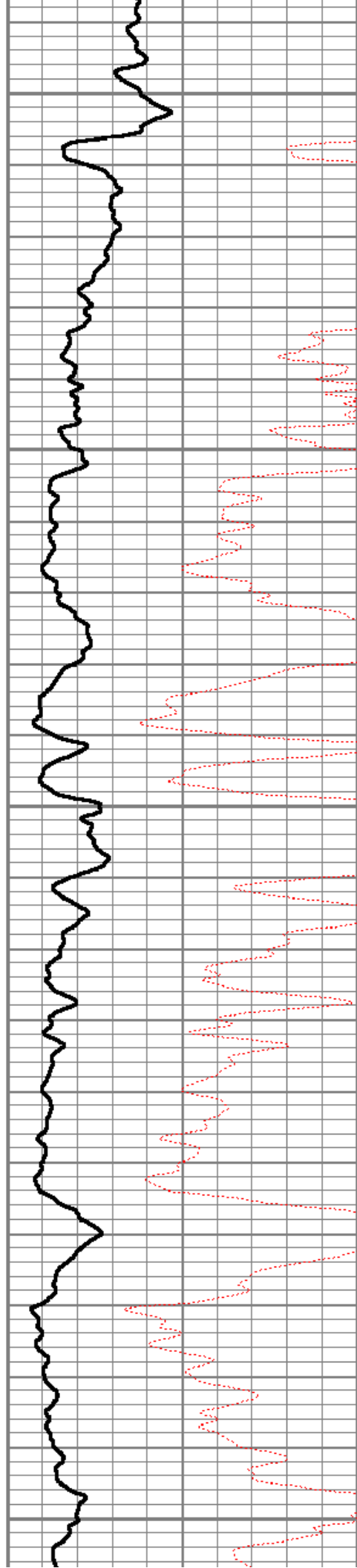
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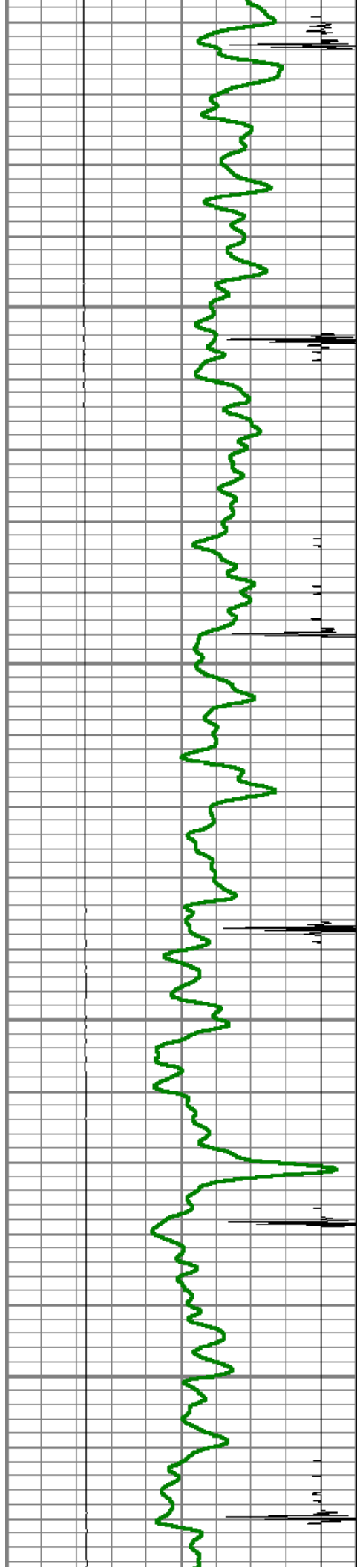
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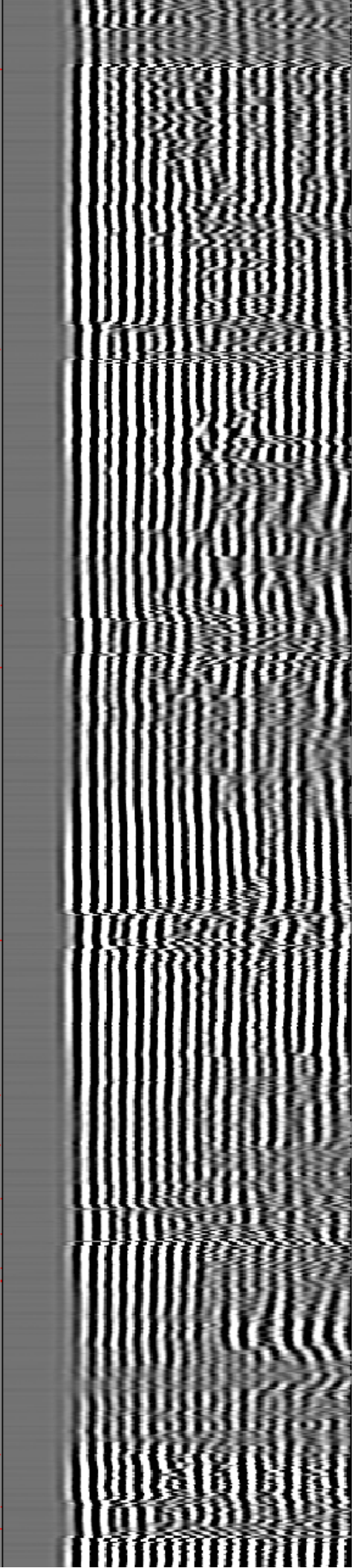
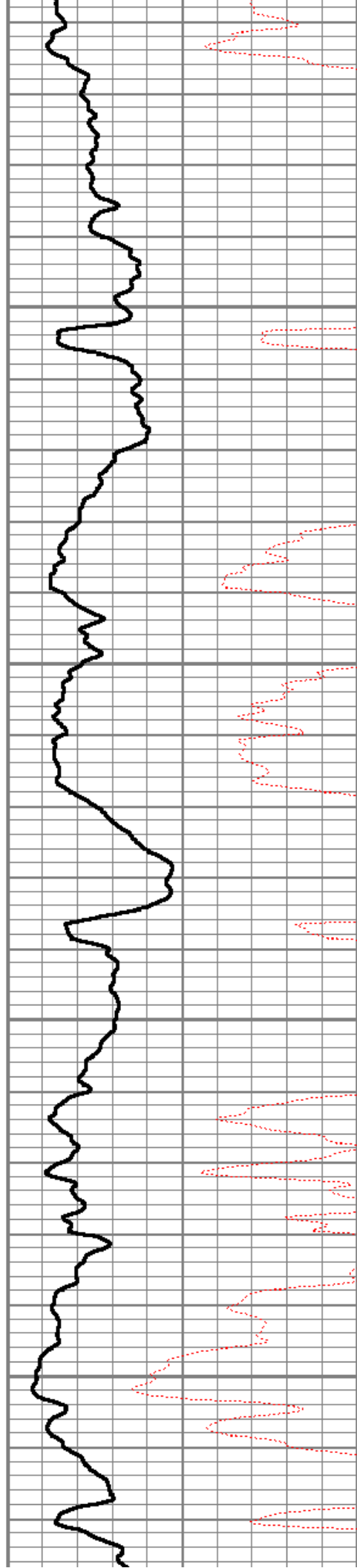


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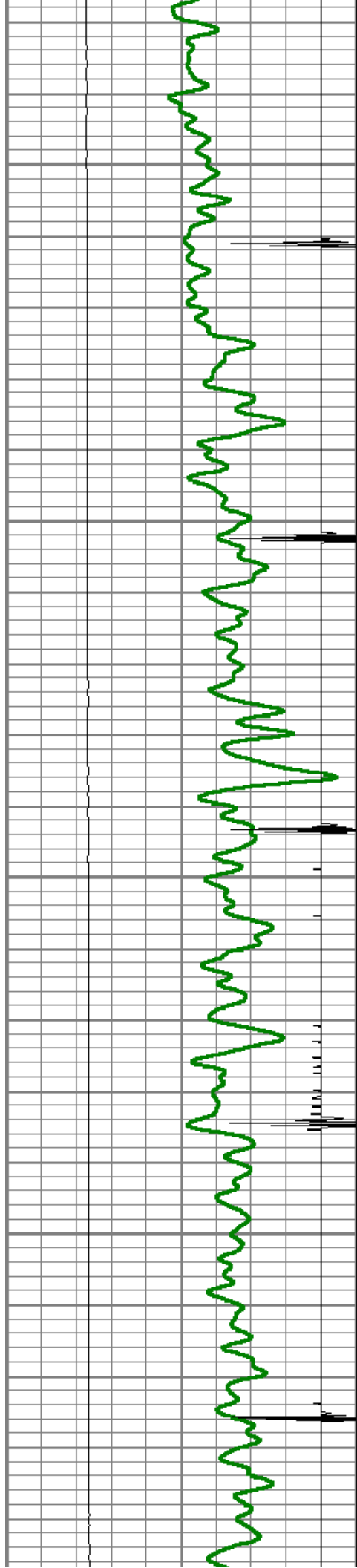
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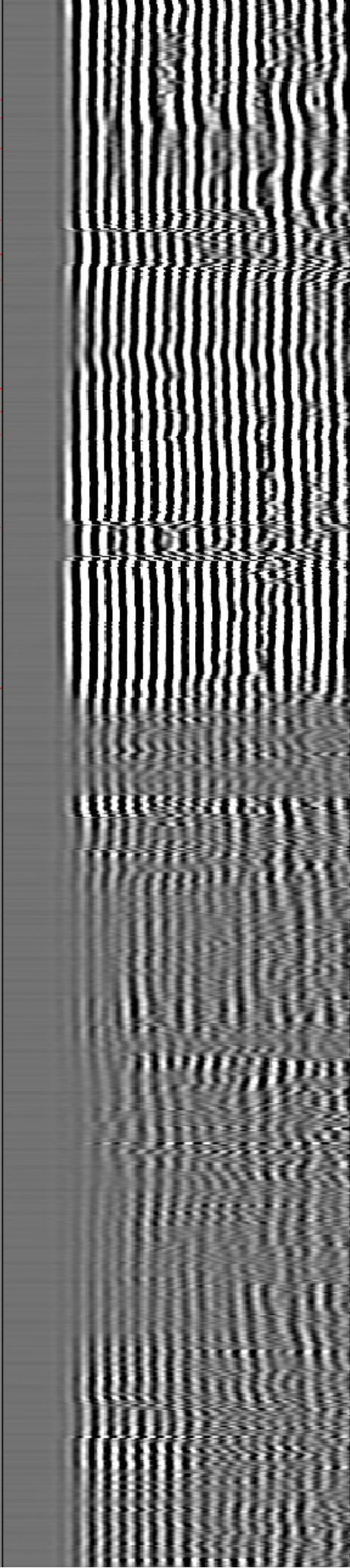
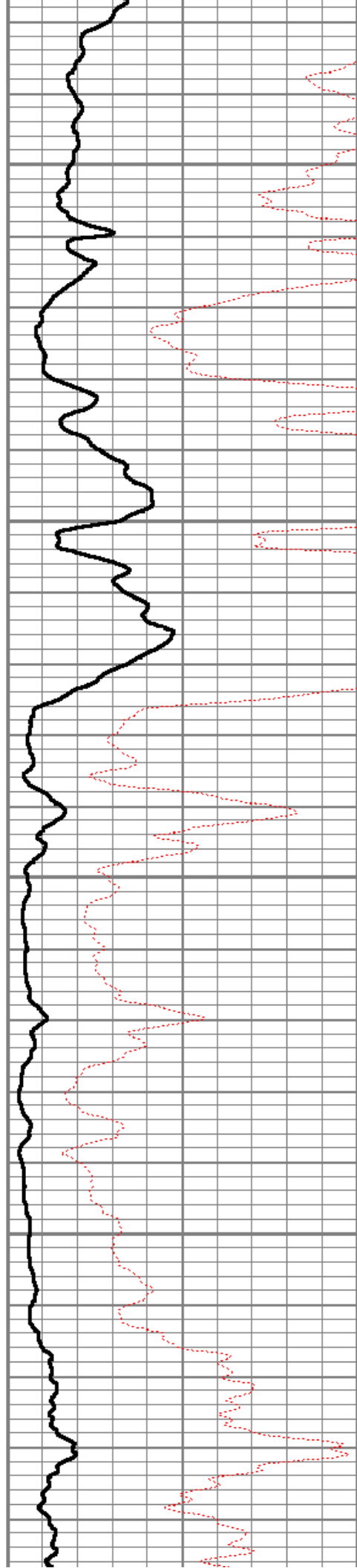


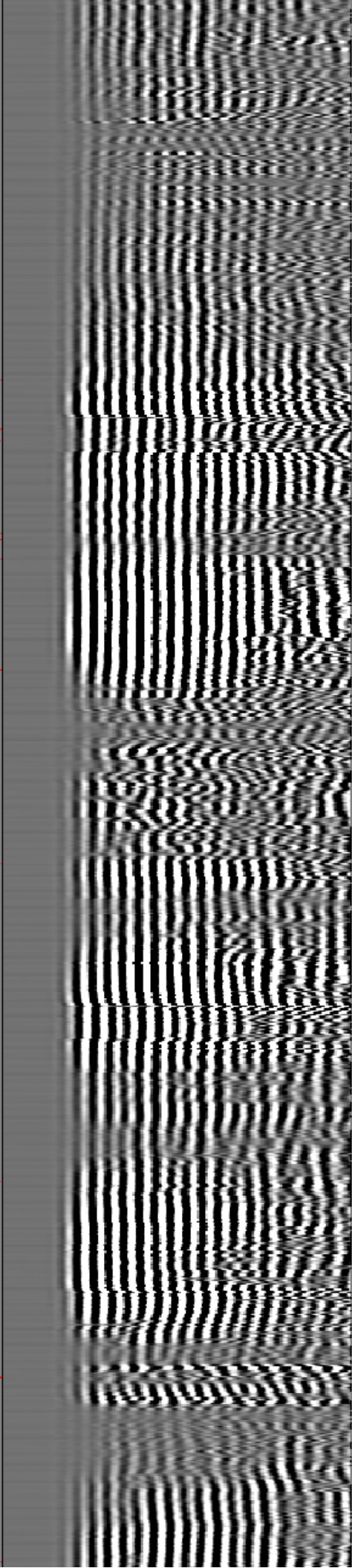
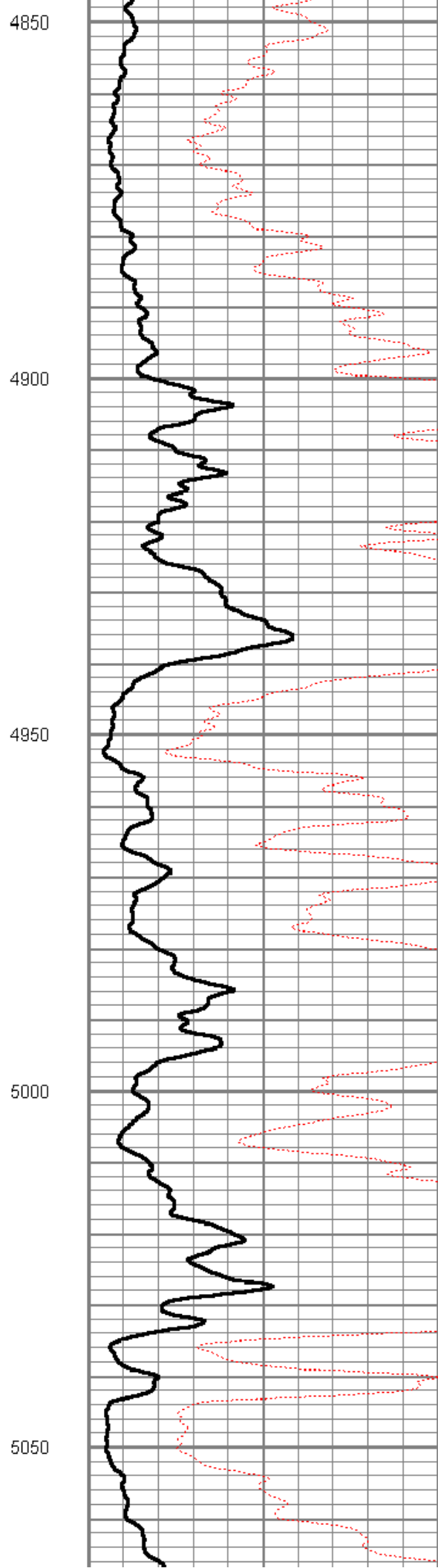
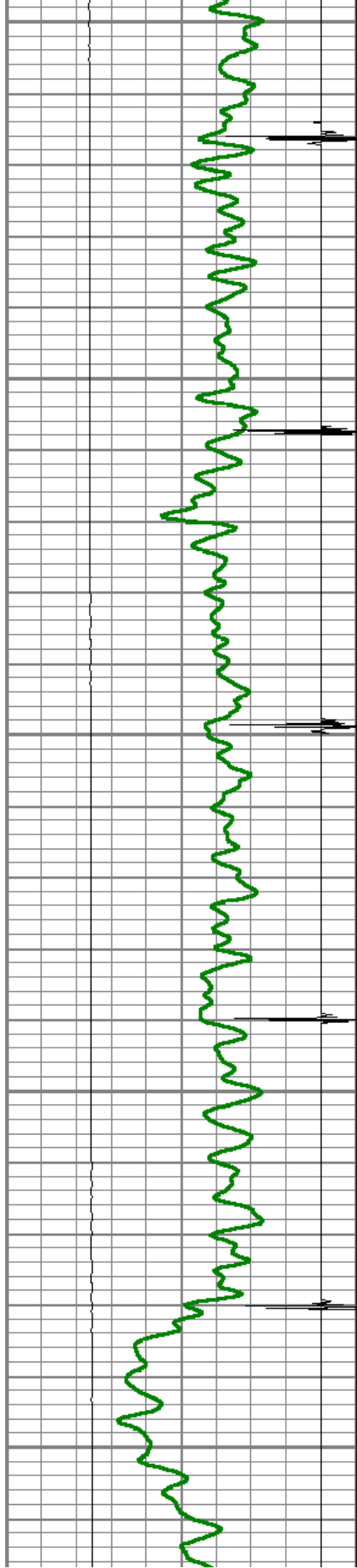
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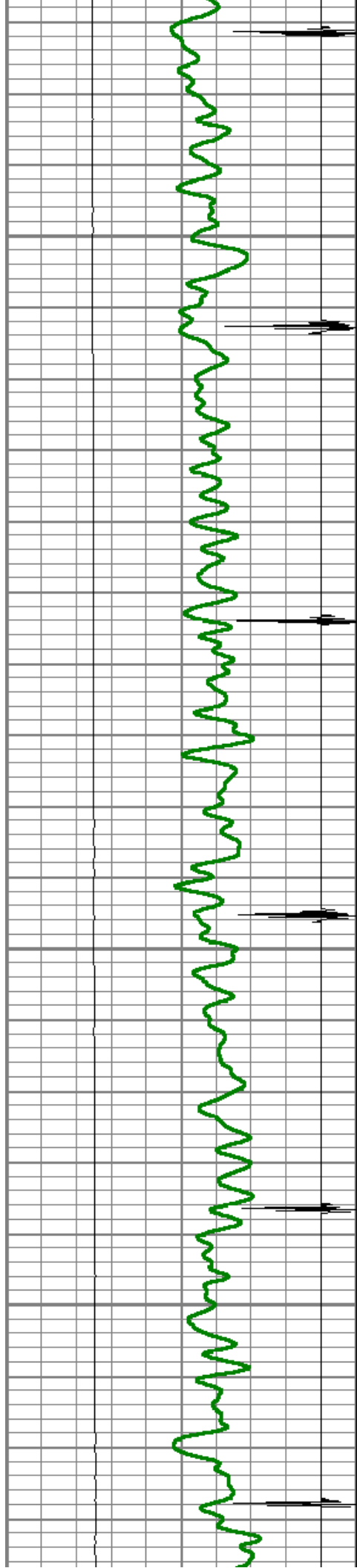
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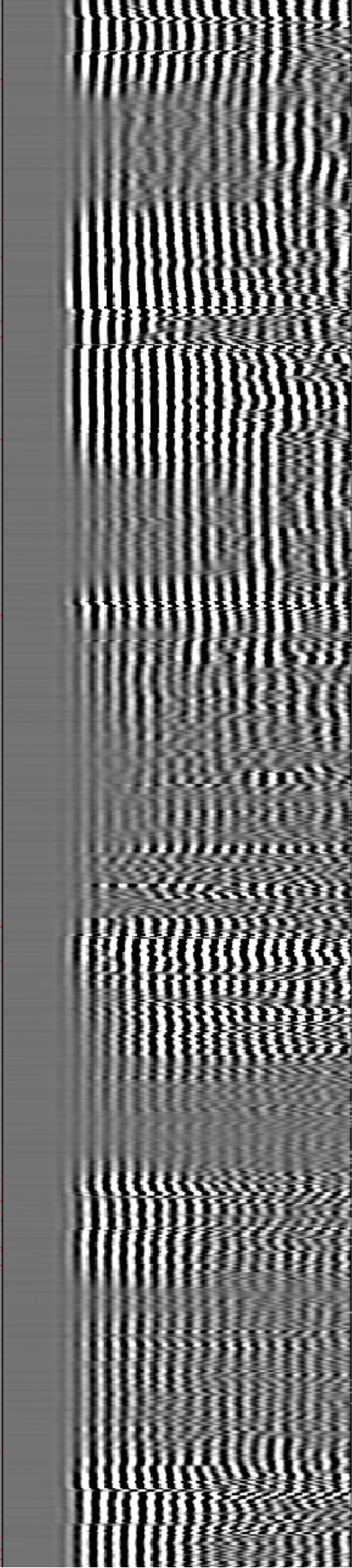
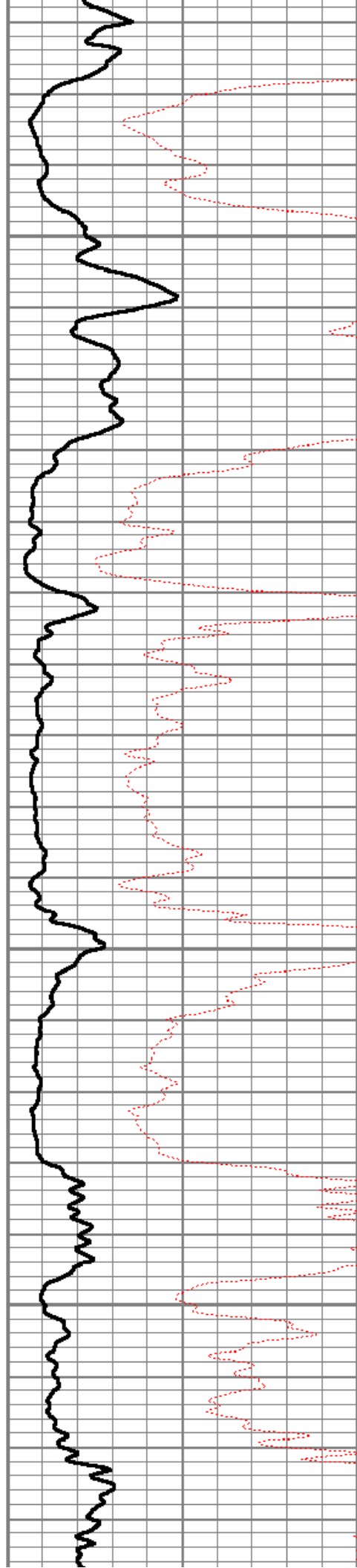


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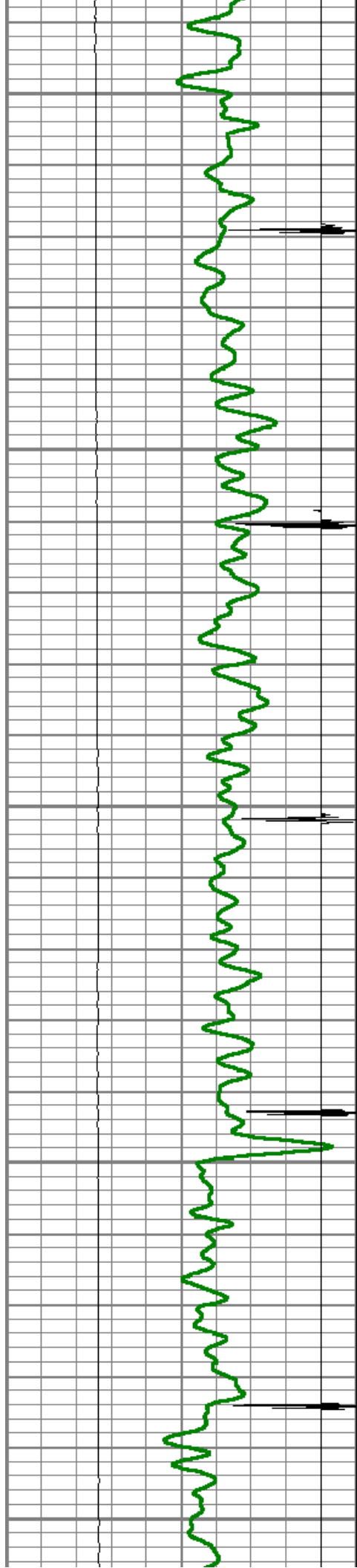
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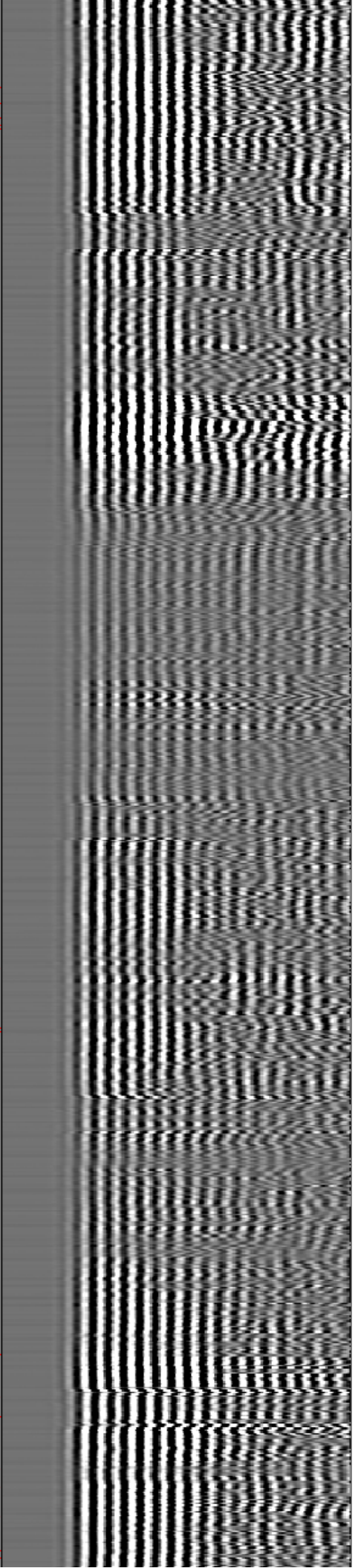
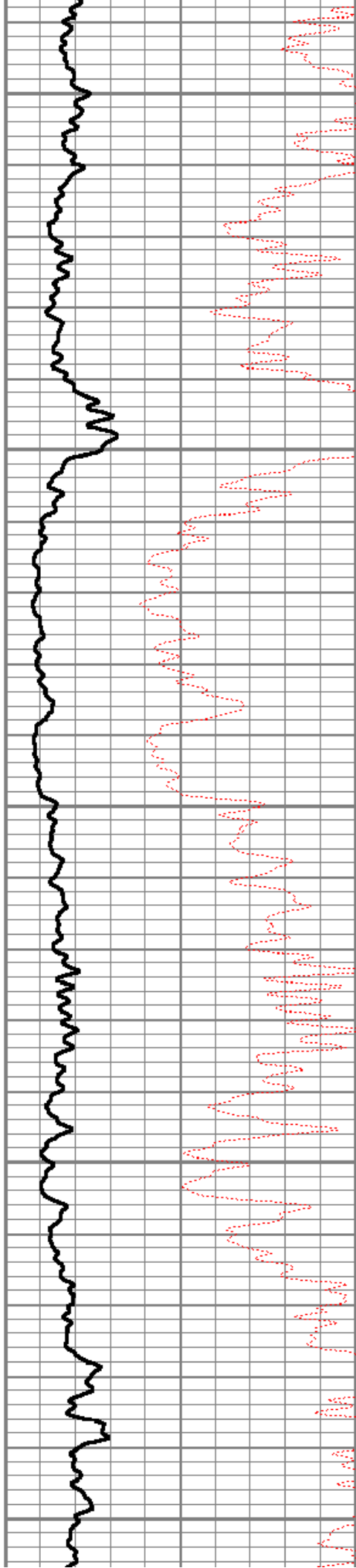
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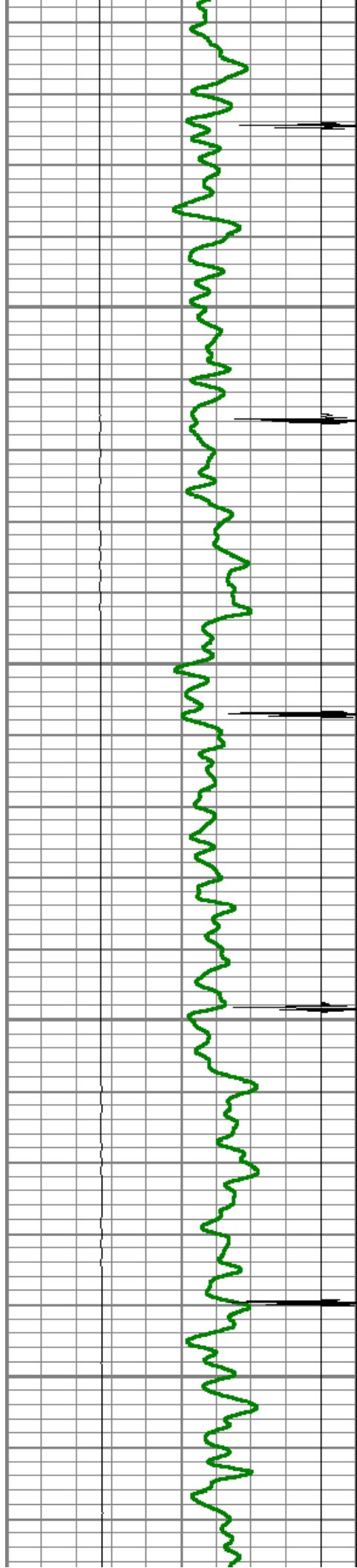
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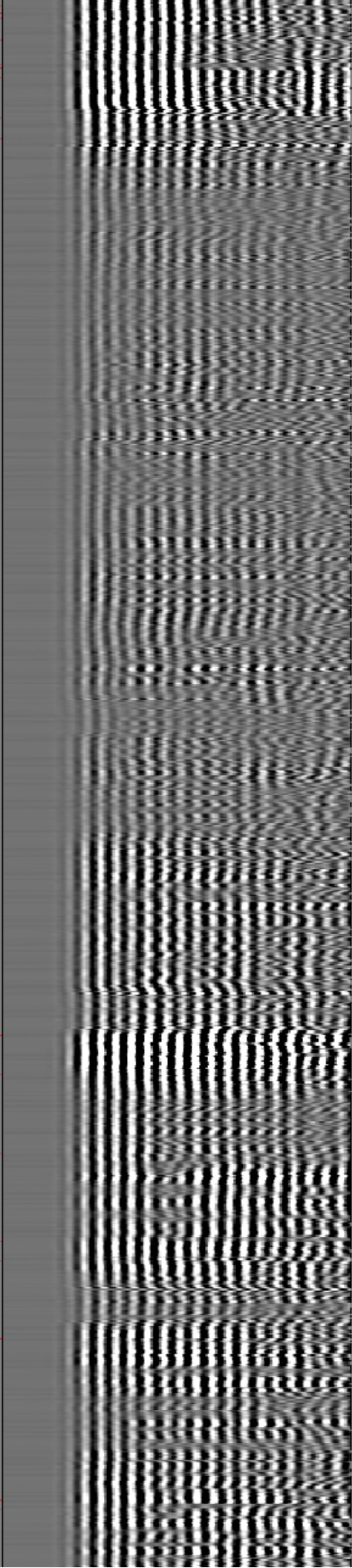
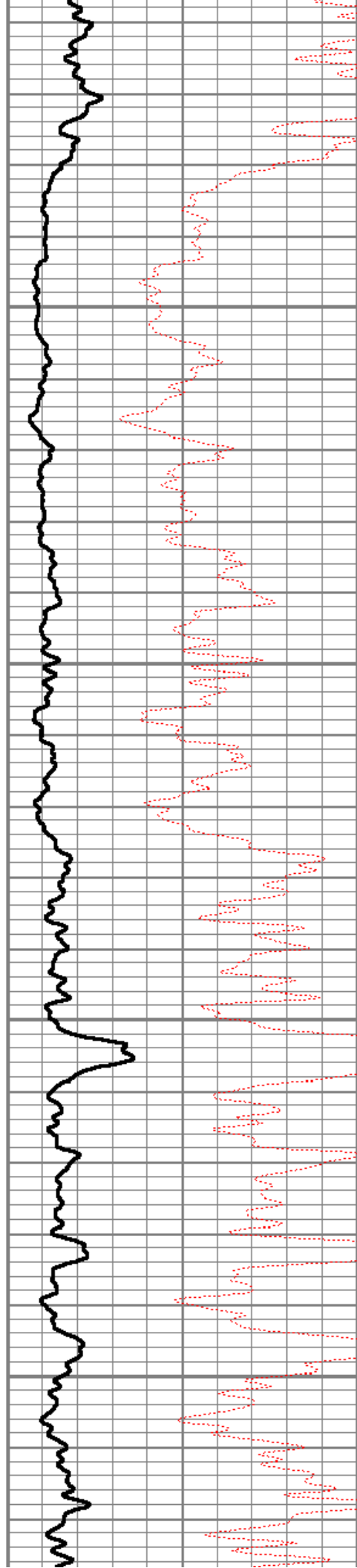


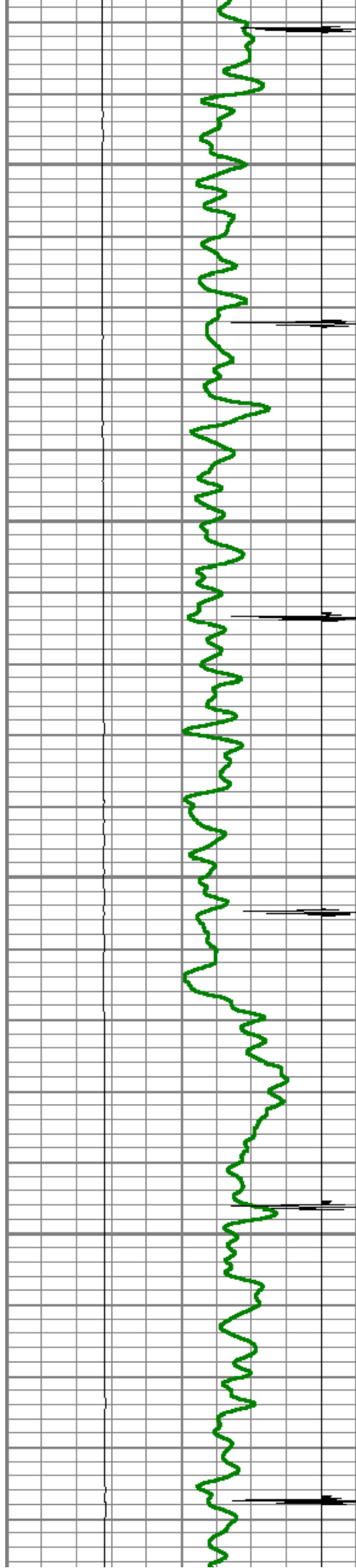
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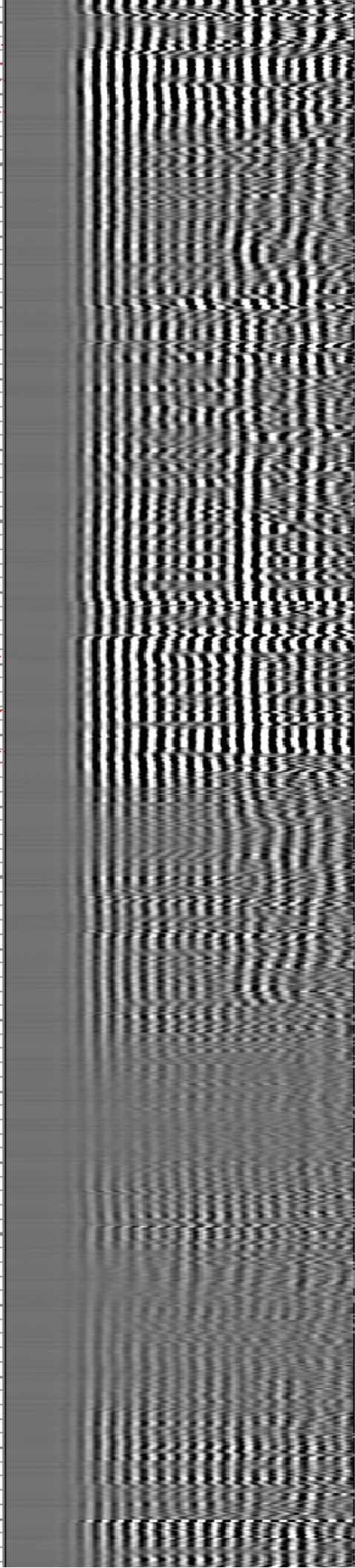
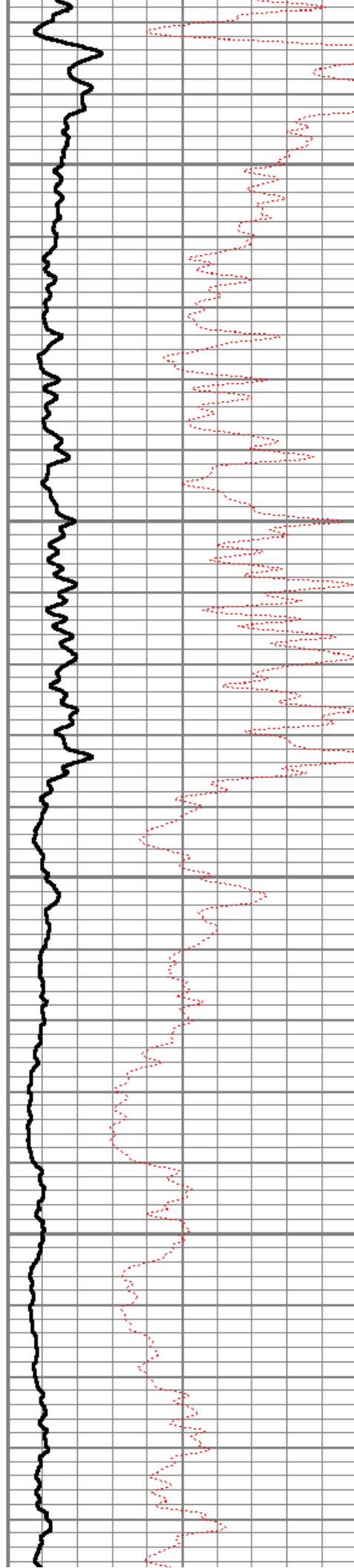


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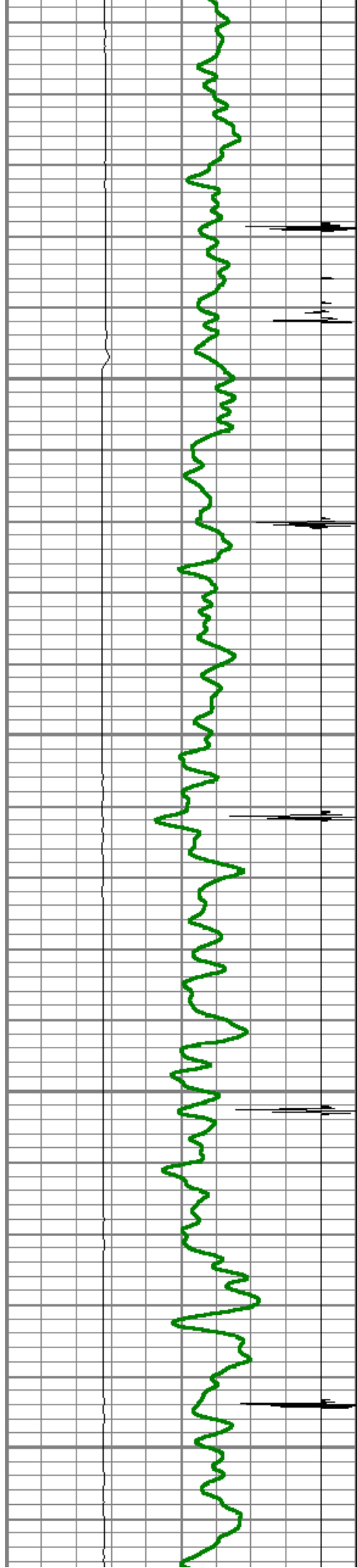
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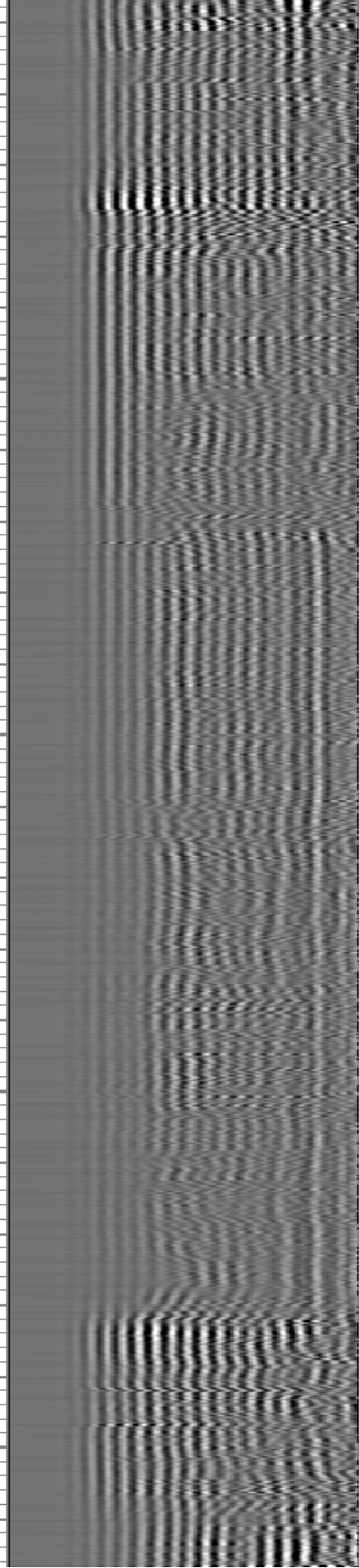
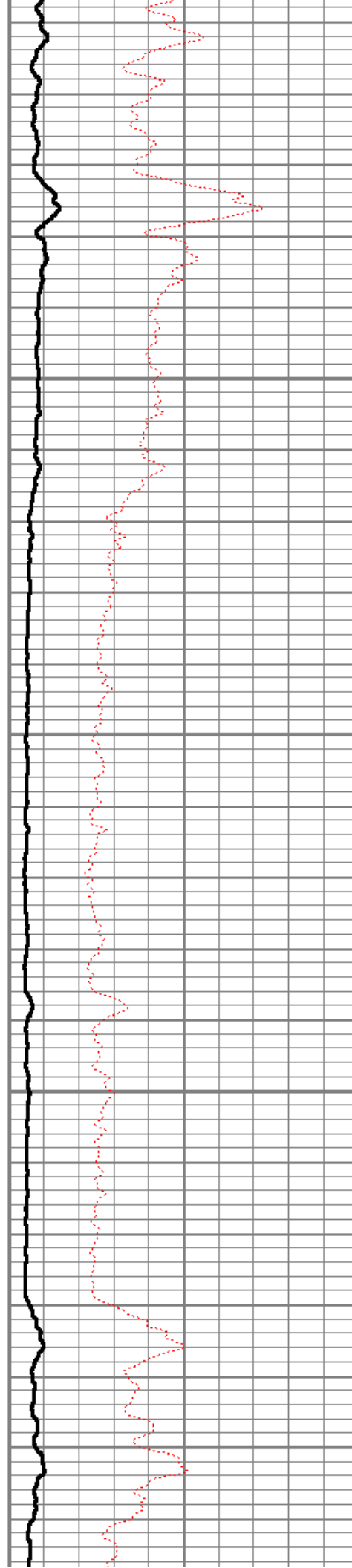
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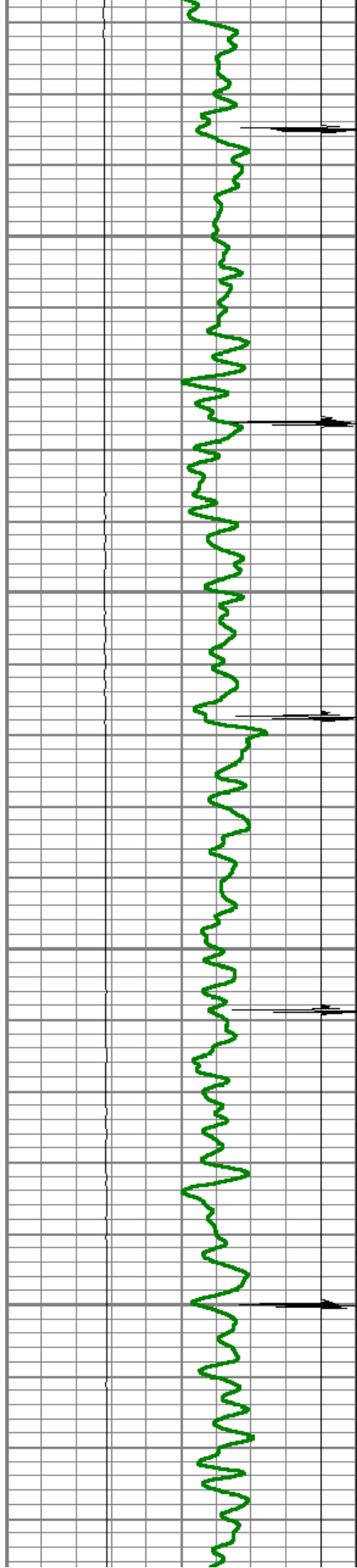
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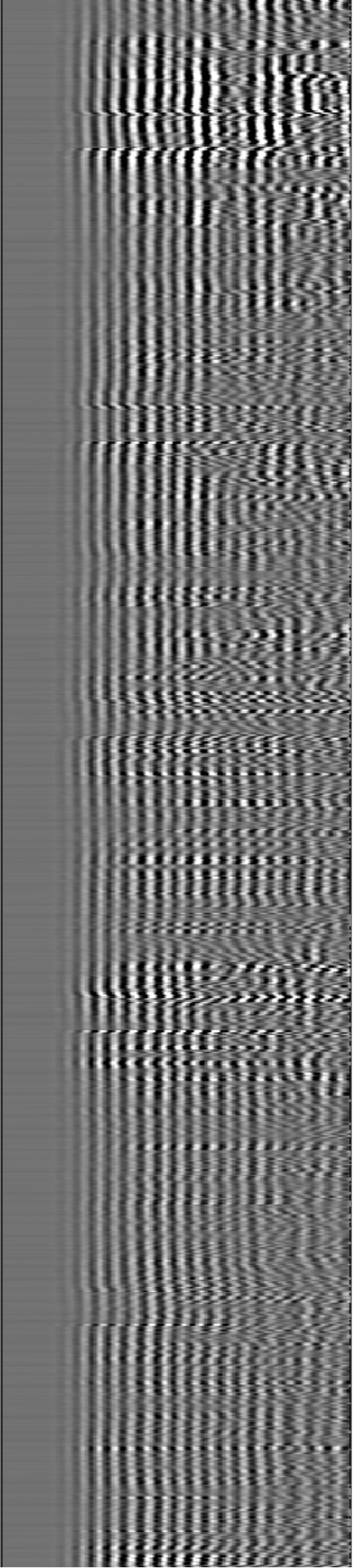
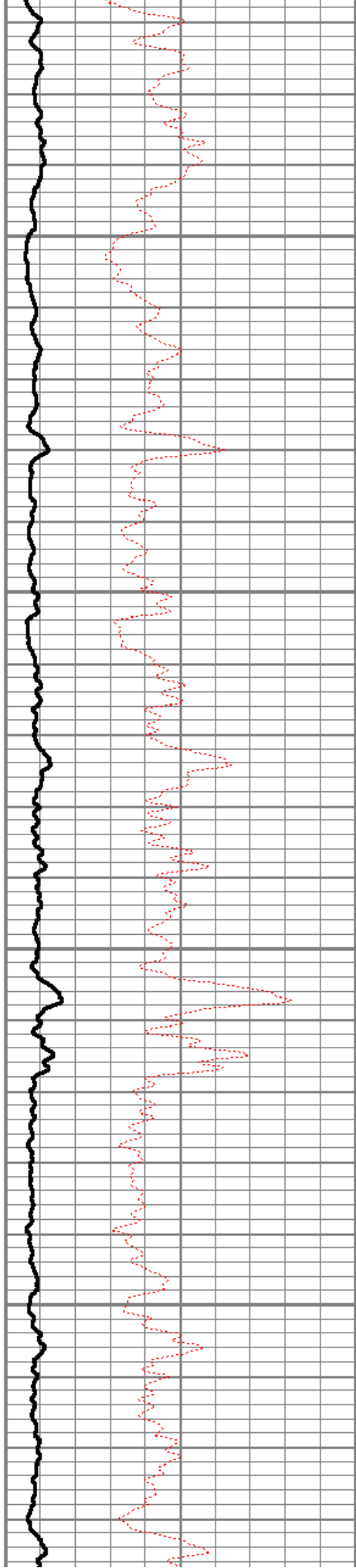


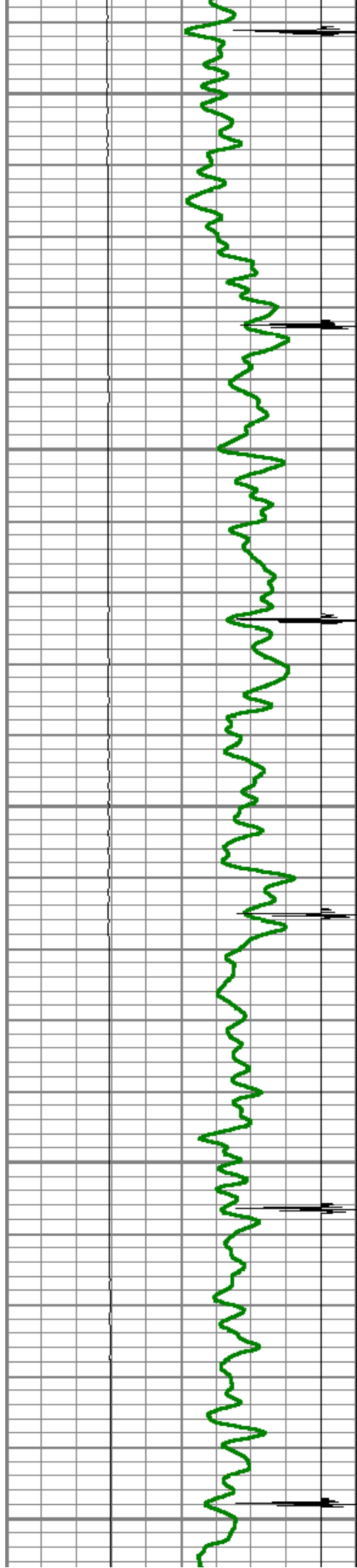
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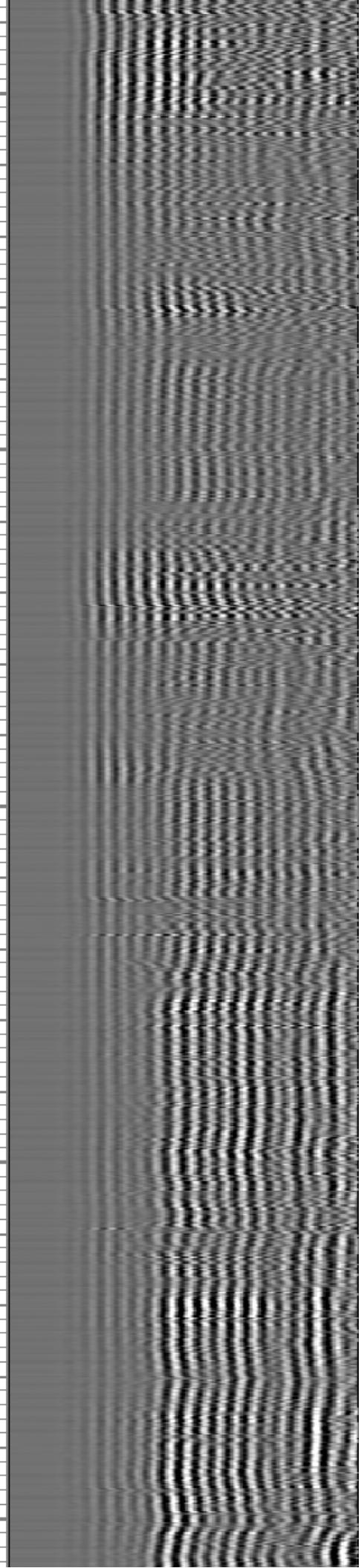
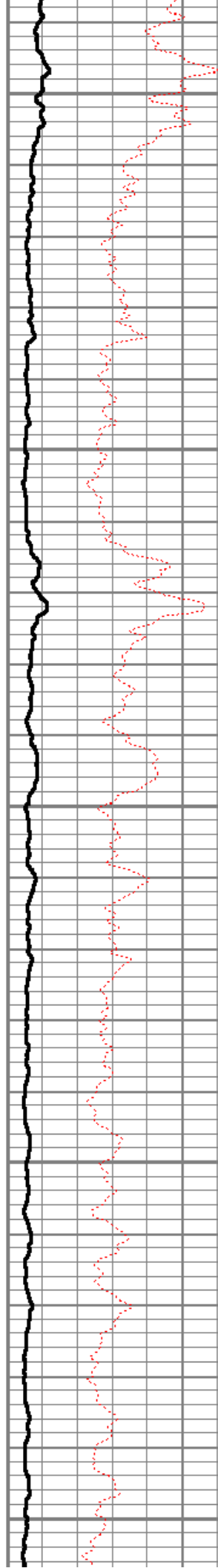
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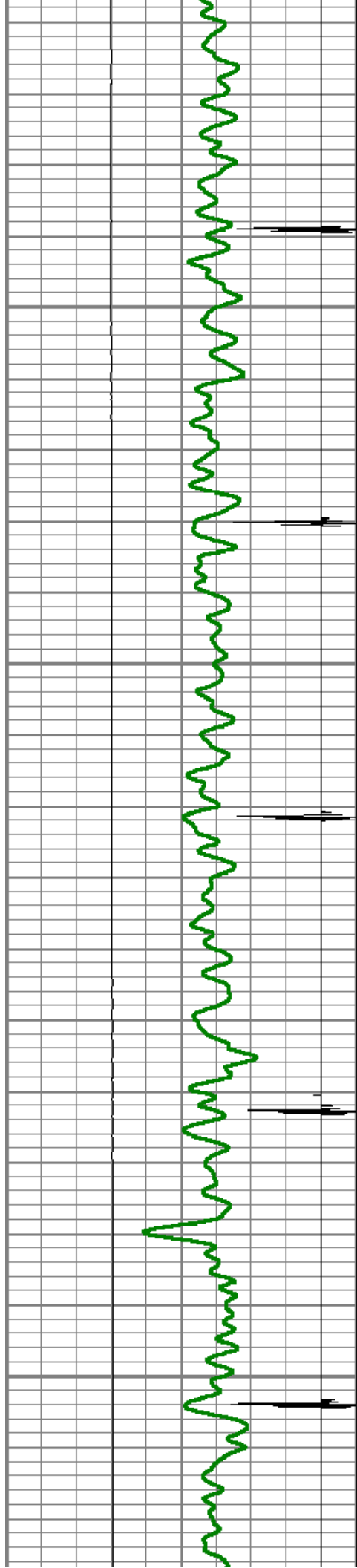
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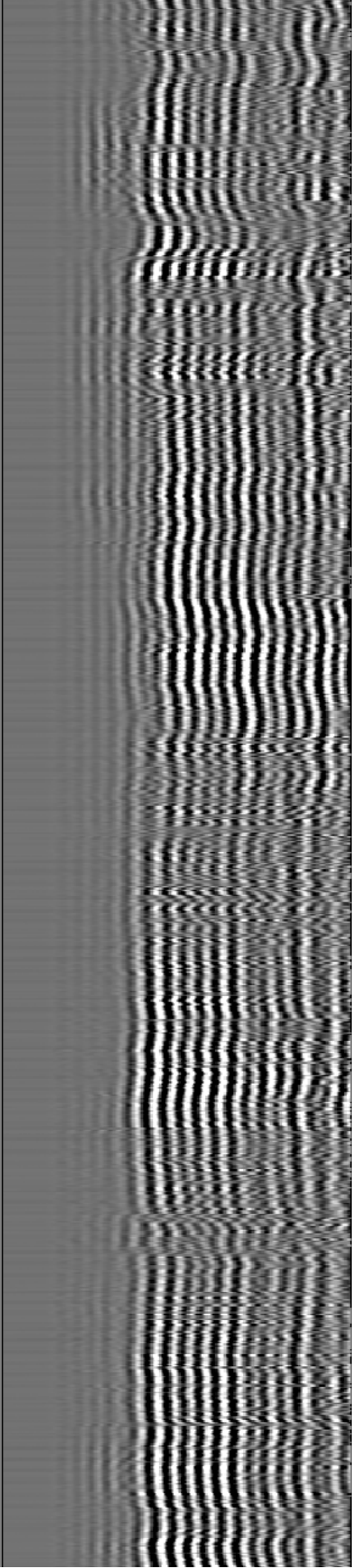
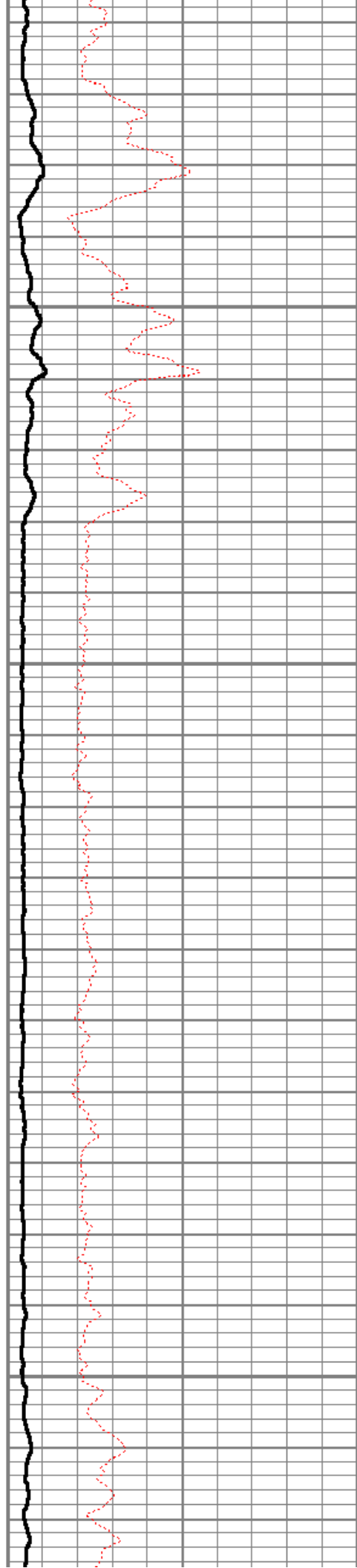


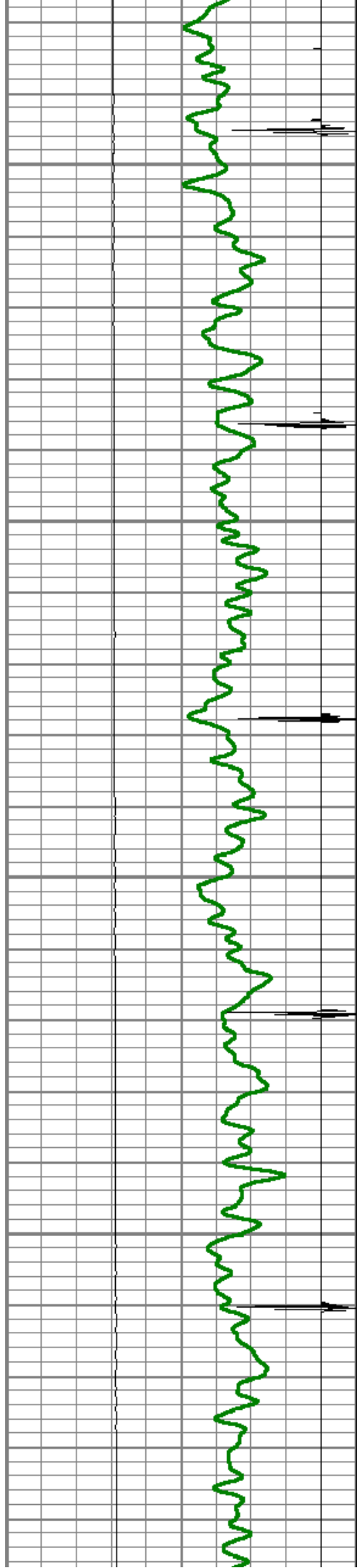
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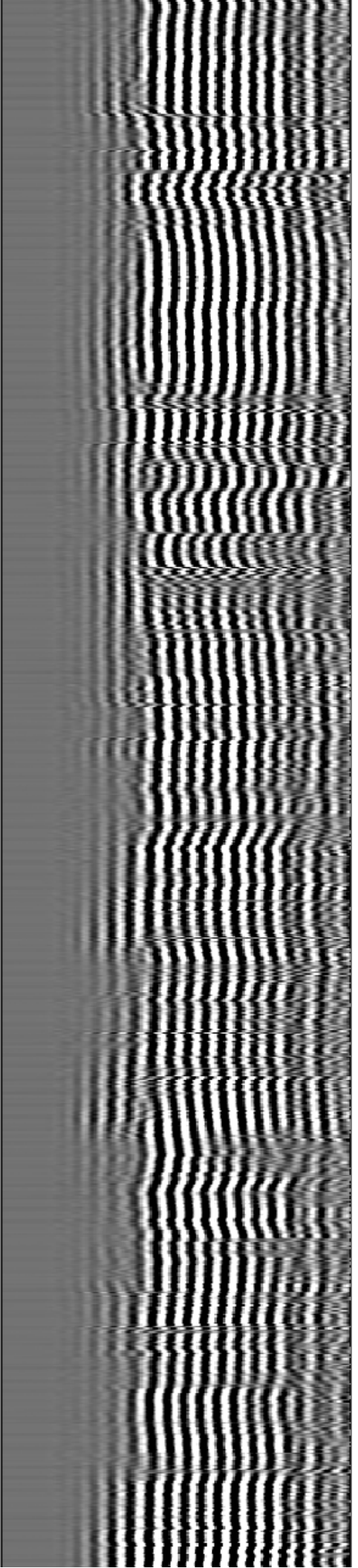
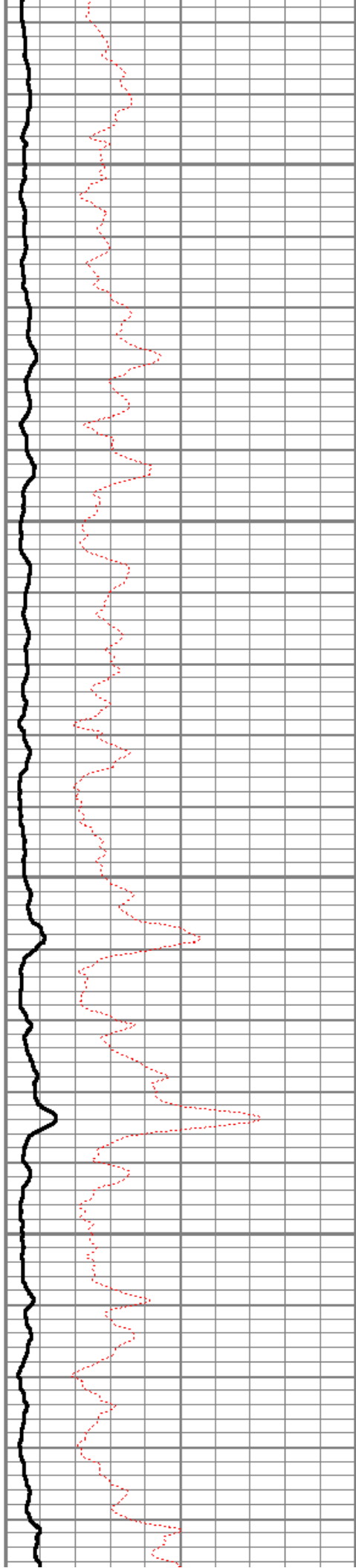


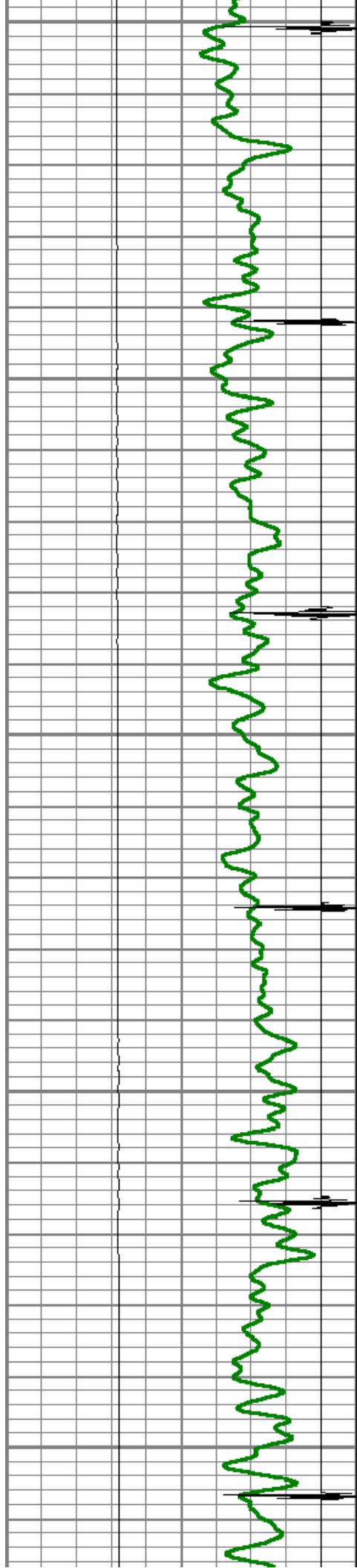
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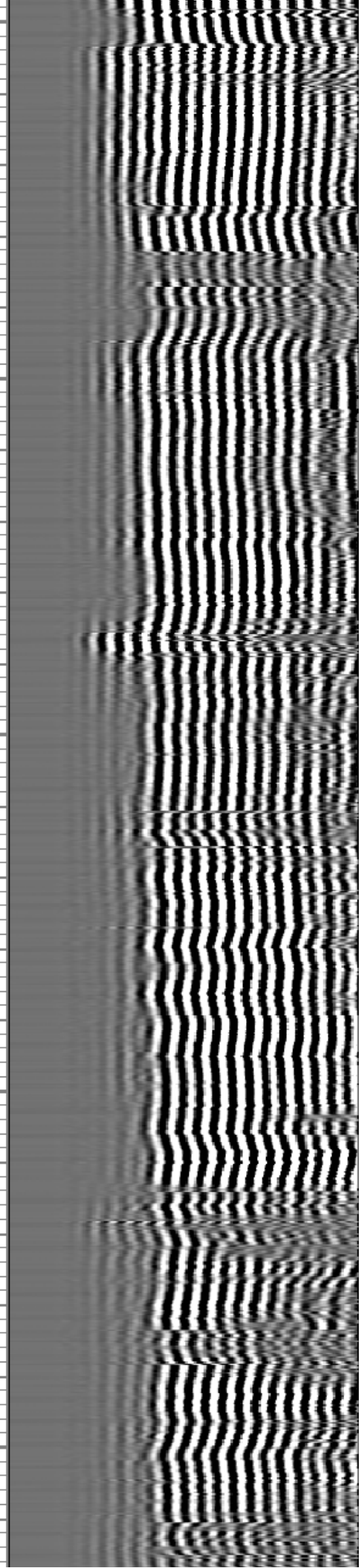
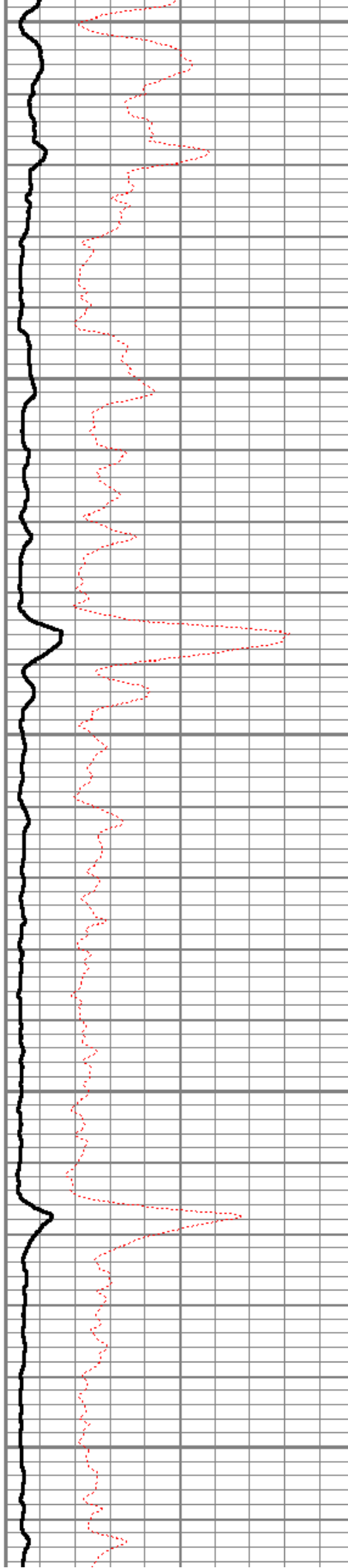
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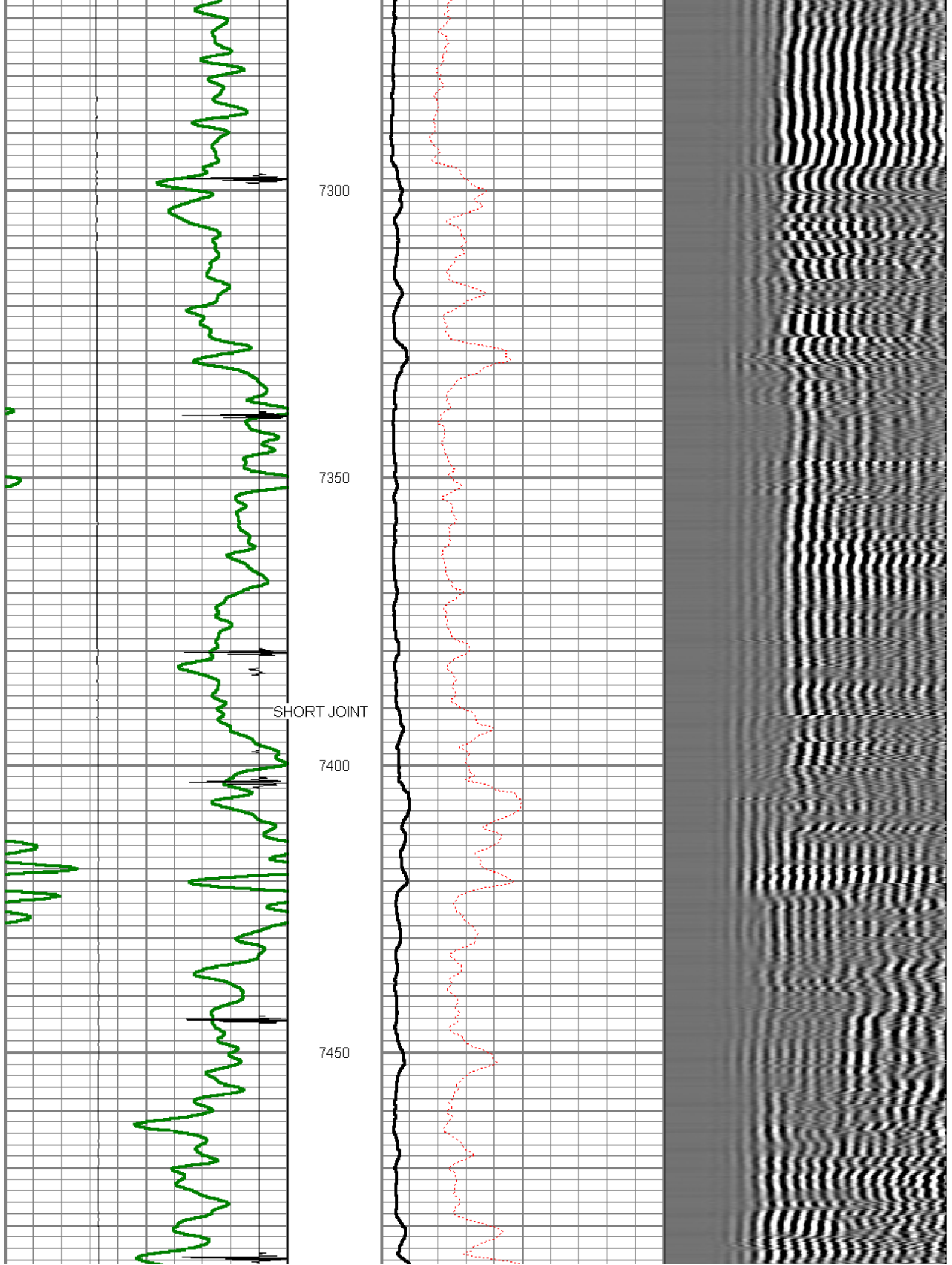
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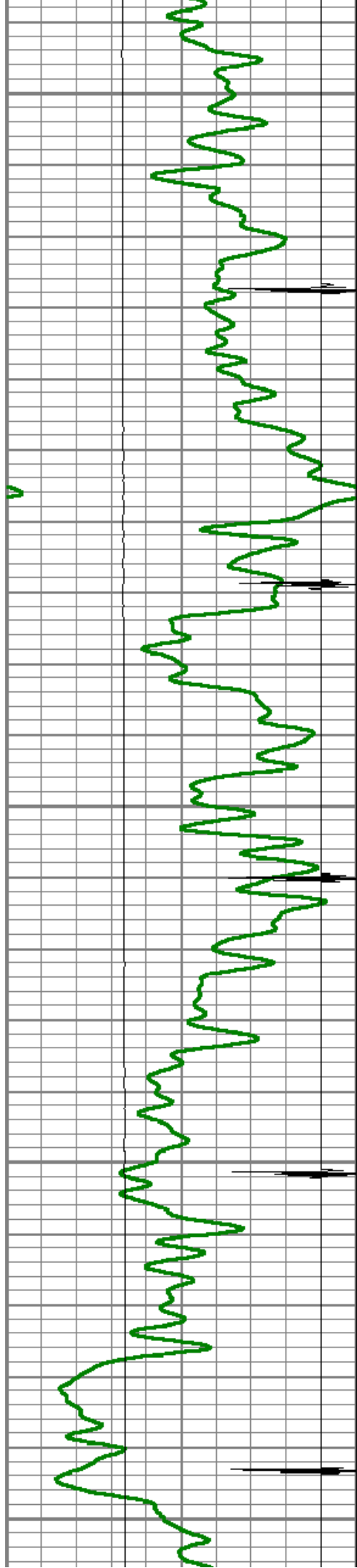
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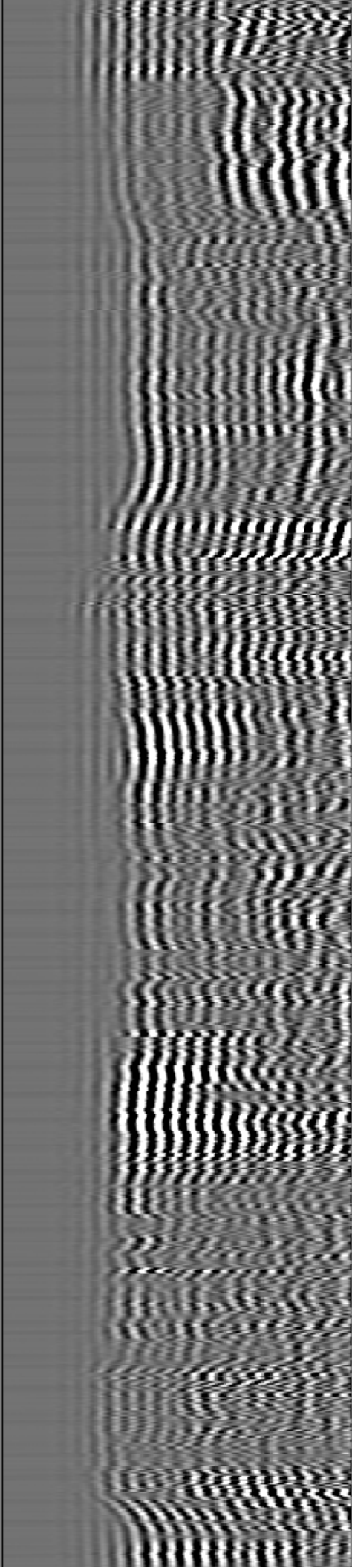
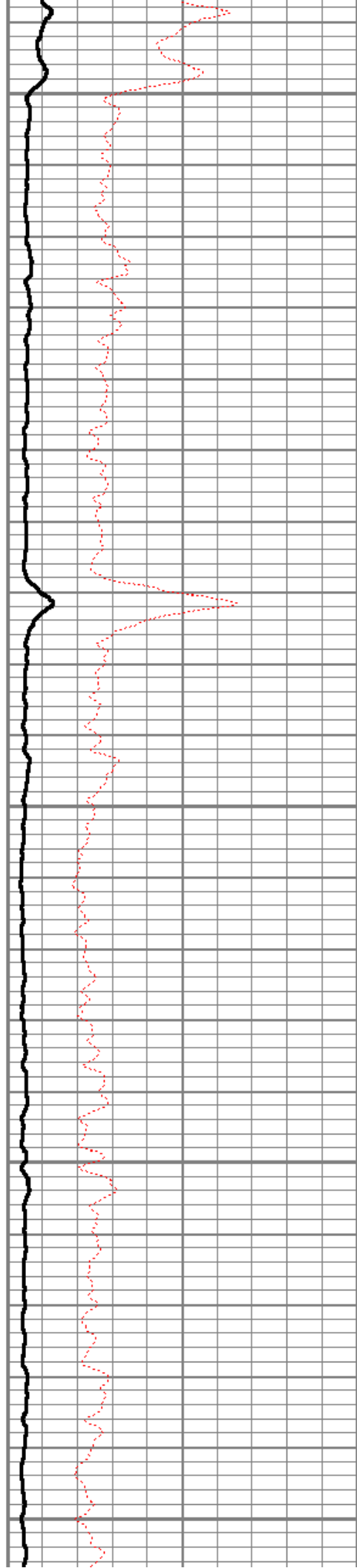
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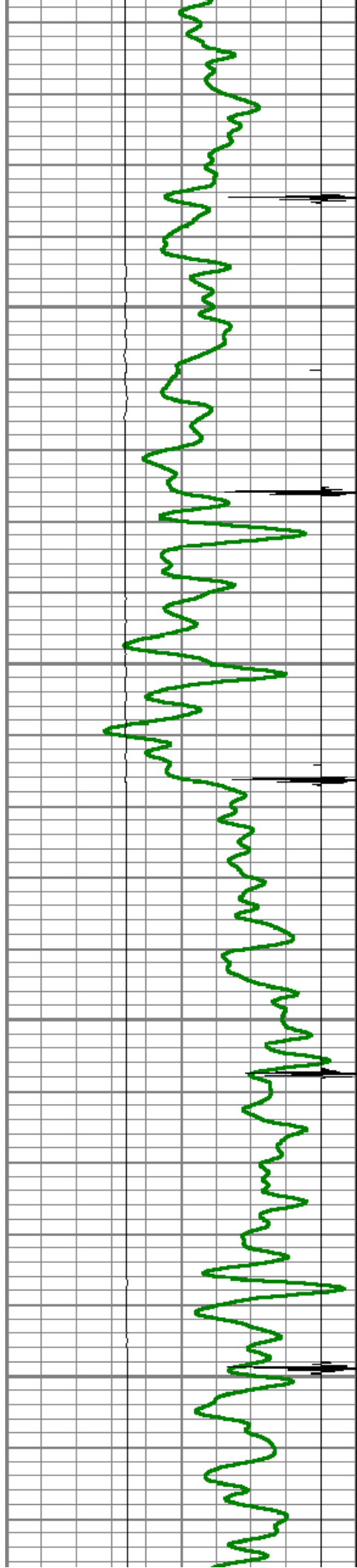
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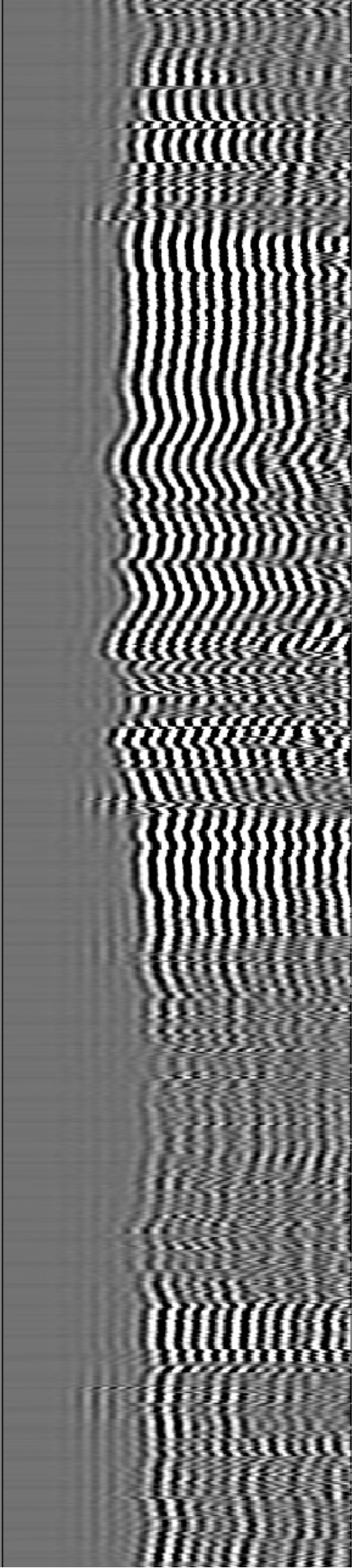
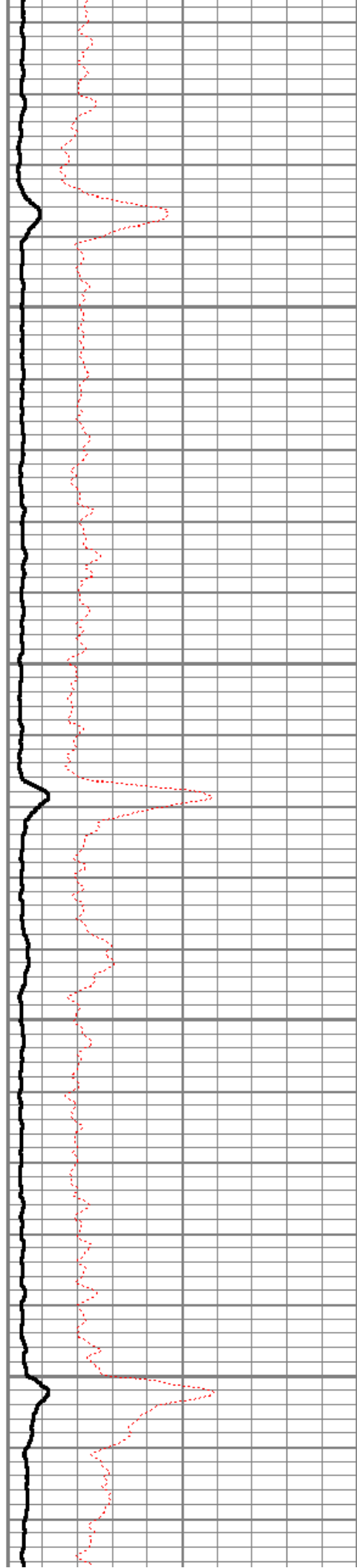


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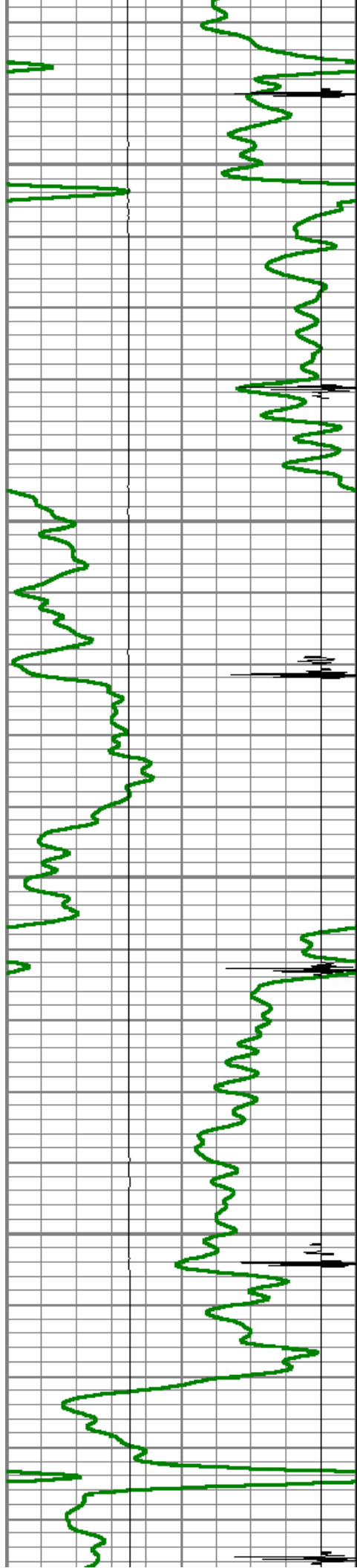
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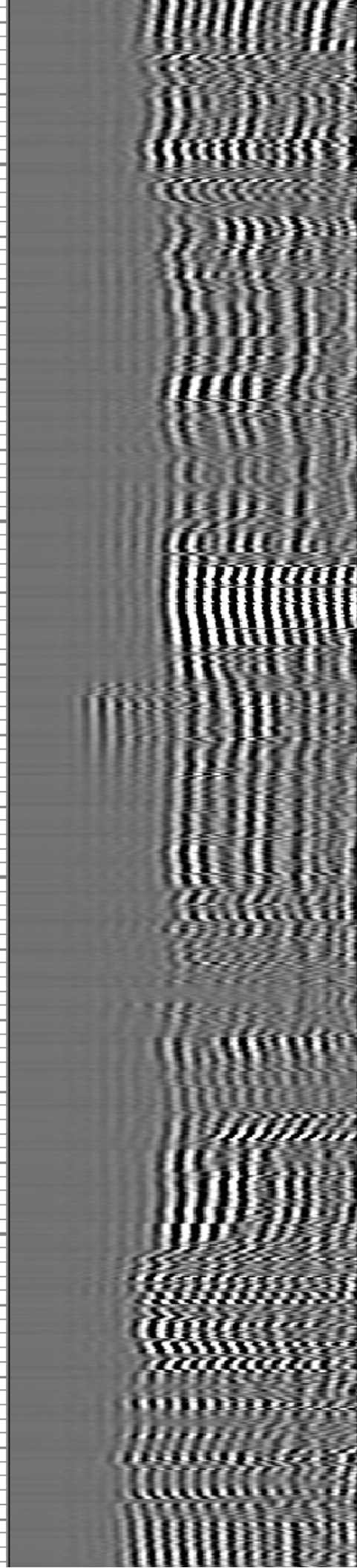
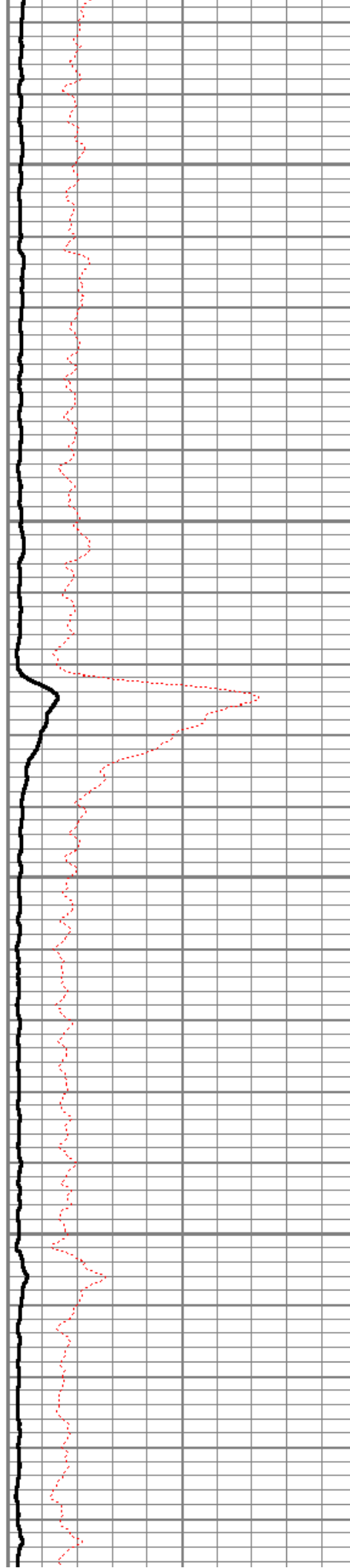


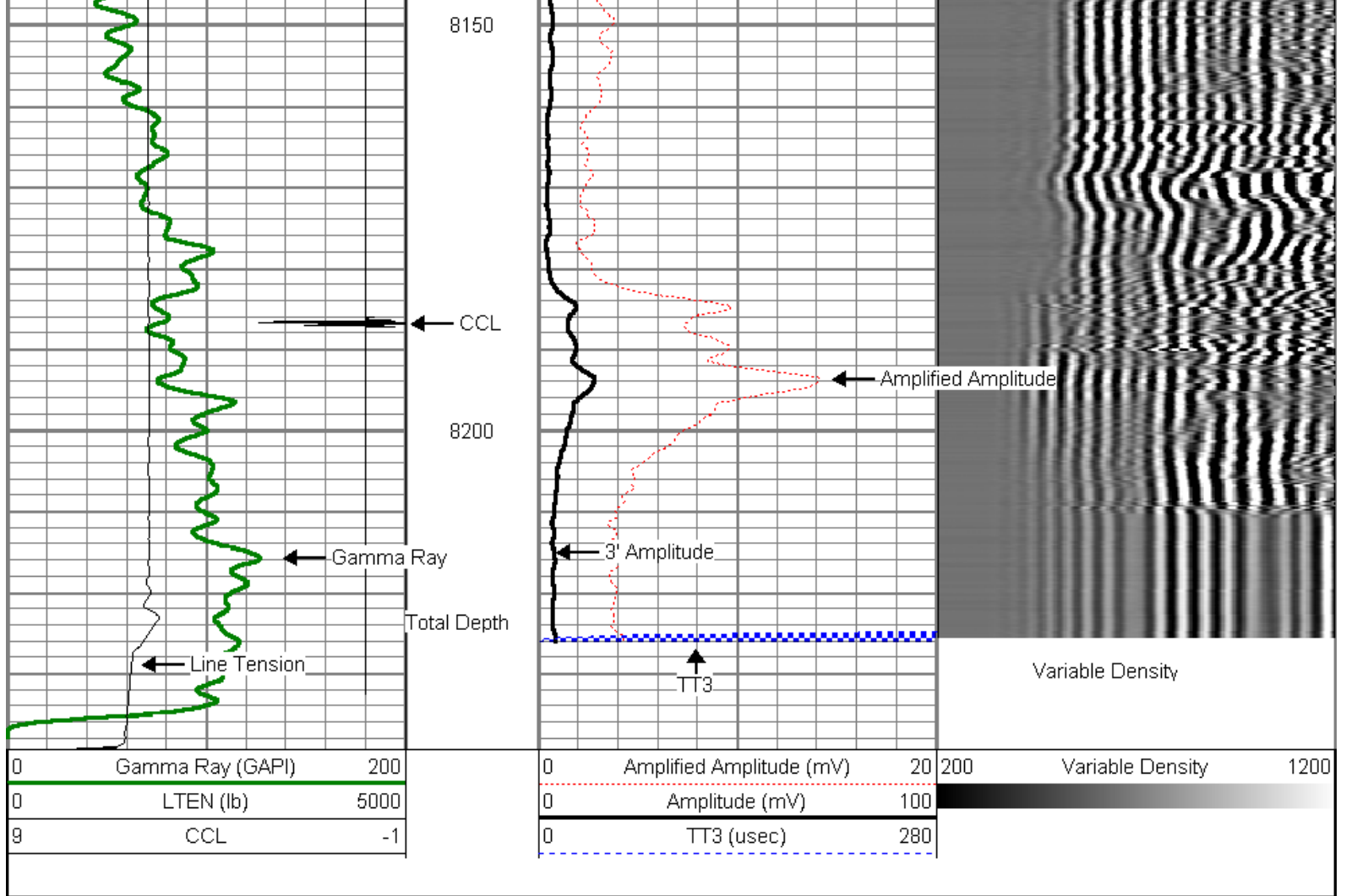
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Company	ENCANA OIL & GAS (USA) INC
Well	ELMQUIST 4-4-23
Field	WATTENBERG
County	WELD
State	COLORADO