



CEMENT BOND LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC.		
Well	BILLINGS 41-34		
Field	SPINDLE		
County	WELD		
State	COLORADO		
Company ENCANA OIL & GAS (USA) INC.		Location: API #: 05-123-31823-0000	
Well BILLINGS 41-34		Other Services	
Field SPINDLE		NONE	
County WELD		State COLORADO	
SEC. 34 TWP. 2N RGE. 68W		Elevation	
Permanent Datum GROUND LEVEL		K.B. 5007'	
Log Measured From KELLY BUSHIN = 12'		D.F. 5006'	
Drilling Measured From KELLY BUSHING		G.L. 4995'	

Date	23 MAY 2011		
Run Number	ONE		
Depth Driller	8341'		
Depth Logger	8302'		
Bottom Logged Interval	8302'		
Top Log Interval	SURFACE		
Open Hole Size	4.5"		
Type Fluid	WATER		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	258 DEG F		
Estimated Cement Top	3485'		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	10901 PRD 02		
Location	AULT, CO		
Recorded By	Z. EMICK		
Witnessed By	T. MAJORS		
Borehole Record			
Run Number	Bit	From	To
ONE	12.25"	0'	1065'
TWO	7.875"	0'	8355'
Tubing Record			
	Size	Weight	From
Casing Record			Bottom
Surface String	8.625"	24#	0'
Prot. String			1051'
Production String	4.5"	11.6#	0'
Liner			8341'

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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 LOG
SHORT JOINT 7345'-7367'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, AULT, CO. (970) 834-2495



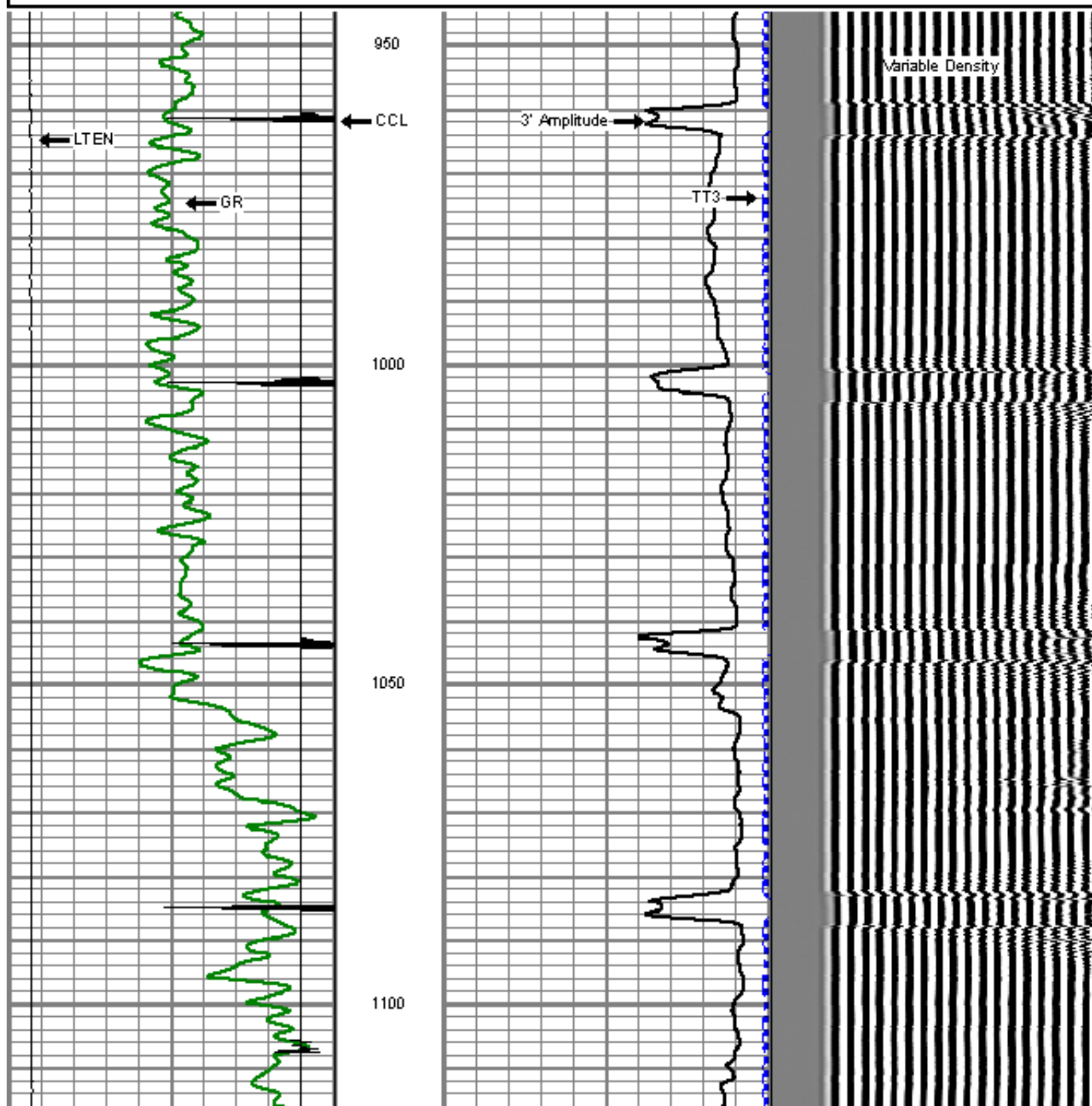
TOP REPEAT PASS

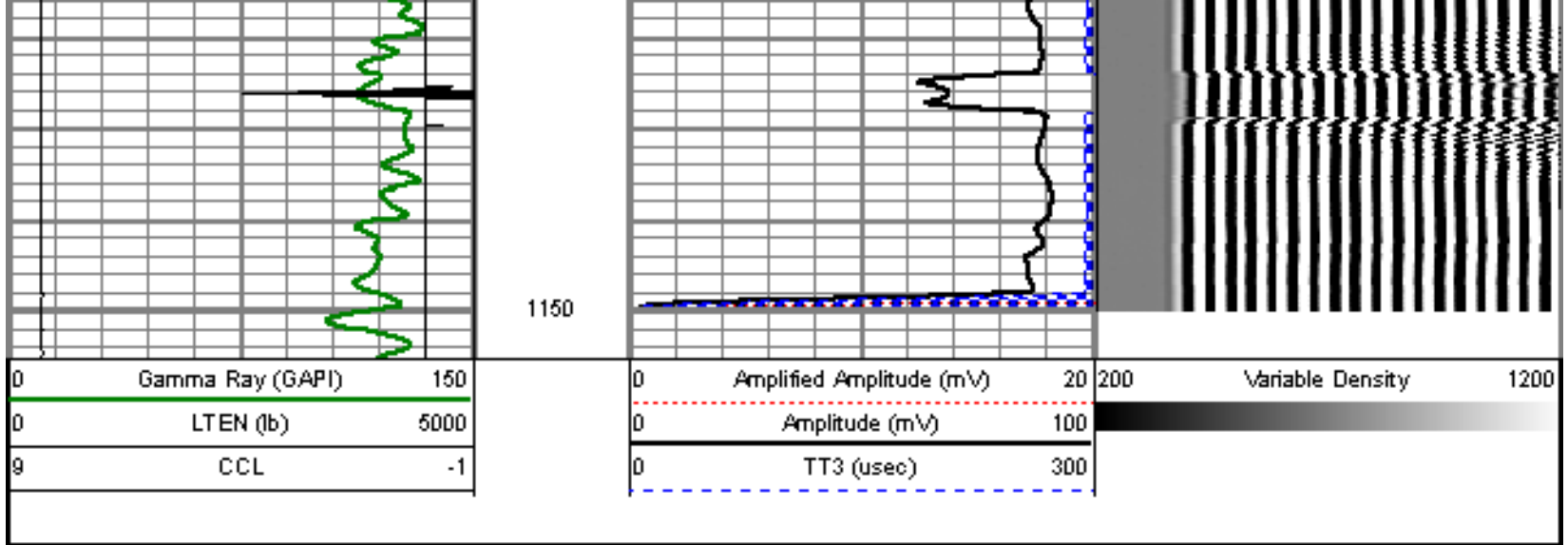
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Dataset Pathname: pass8
Presentation Format: dcbl_prb
Dataset Creation: Mon May 23 09:35:25 2011 by Log SCH 110223
Charted by: Depth in Feet scaled 1:240

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

0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100
0	TT3 (usec)	300

200 Variable Density 1200

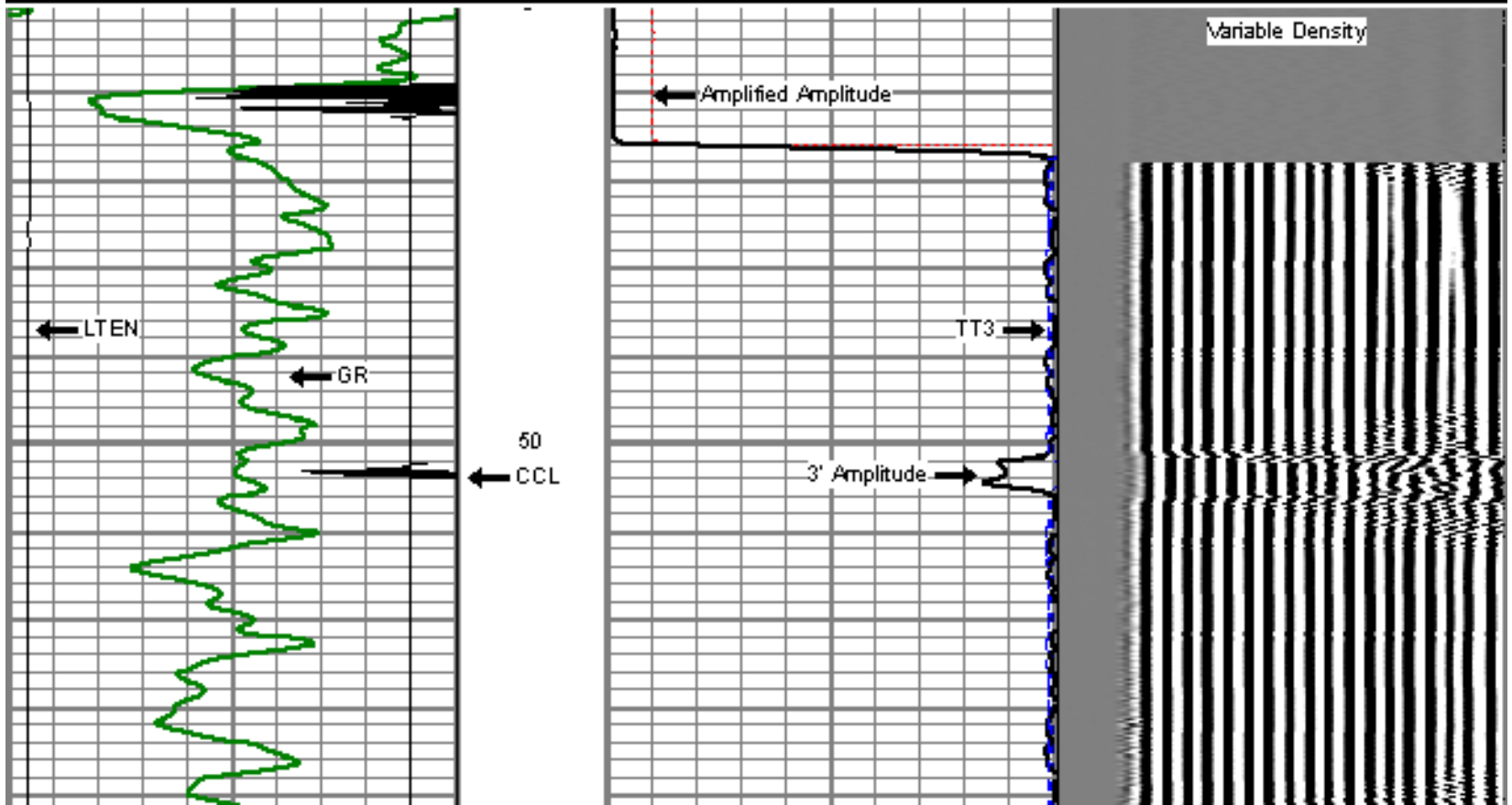
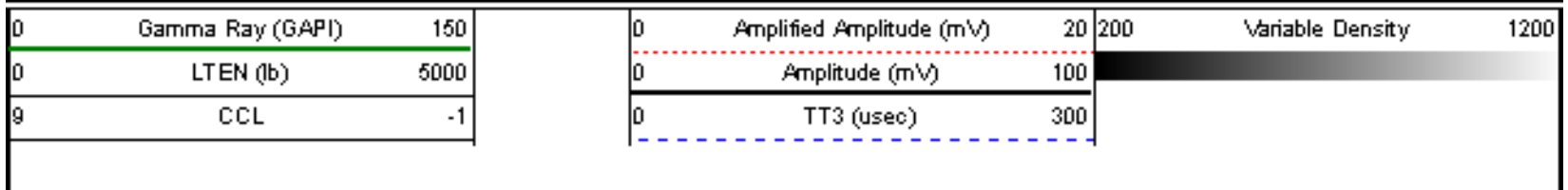


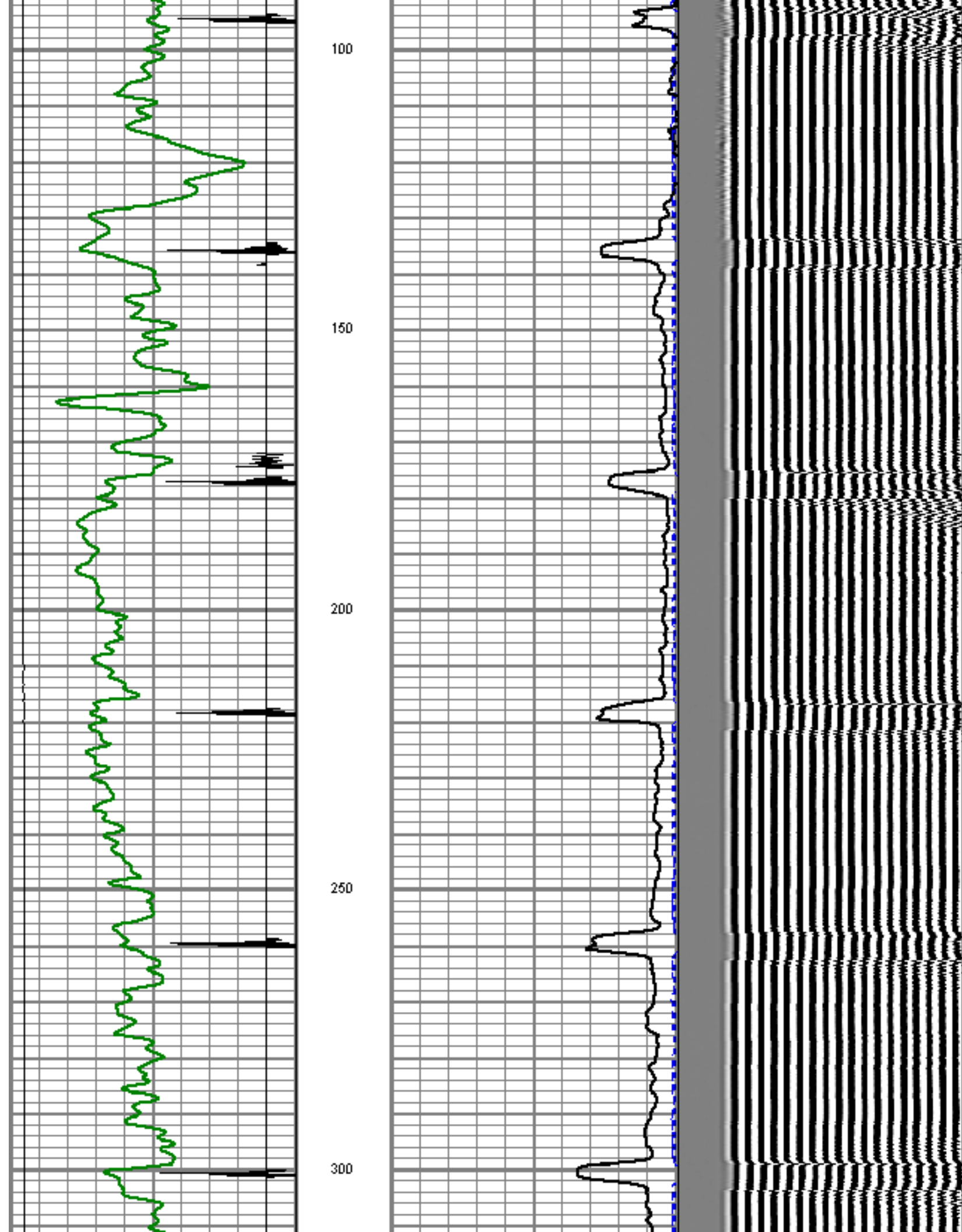


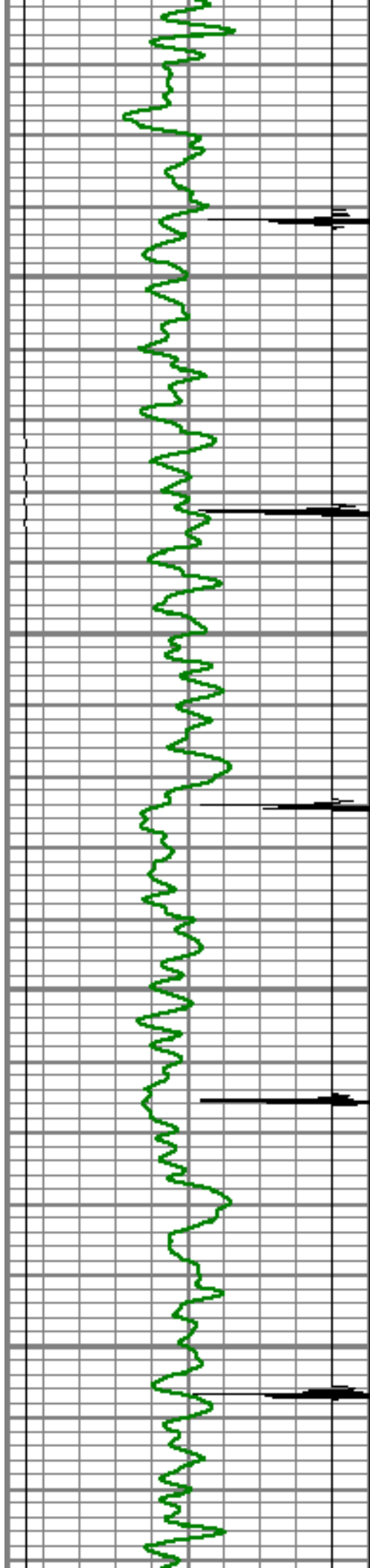
MAIN PASS

5" = 100'

Database File: billings 41-34.db
 Dataset Pathname: pass5
 Presentation Format: dobl_prb
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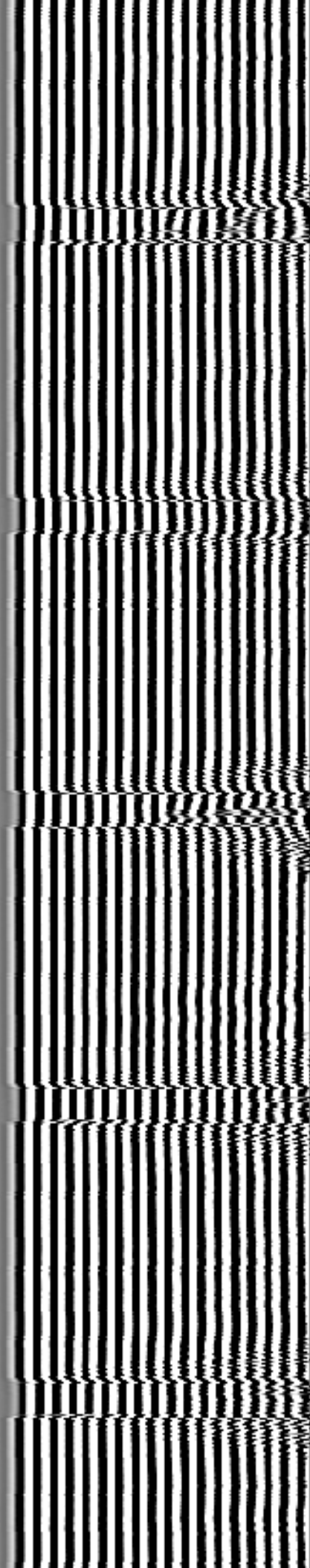
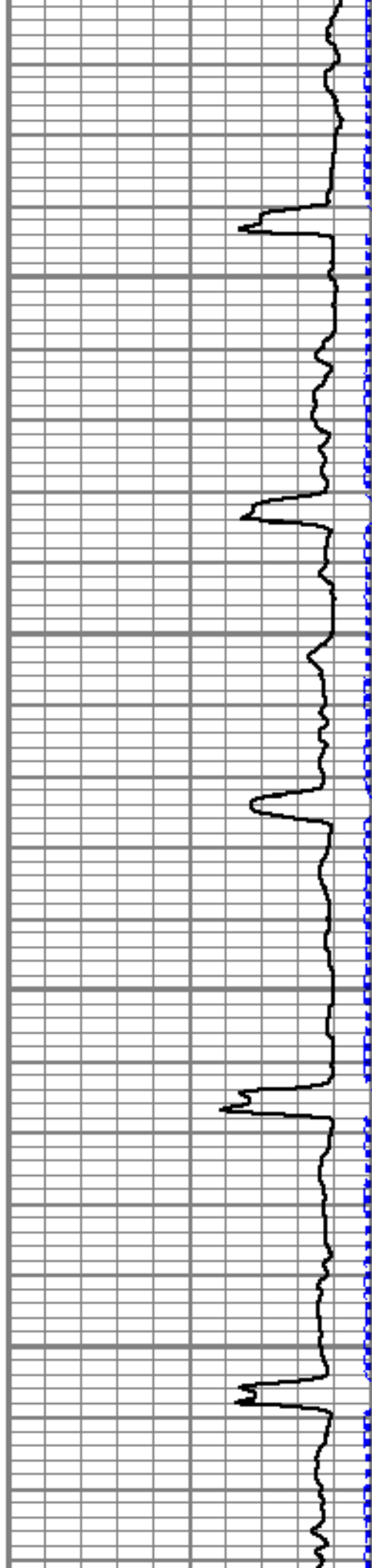


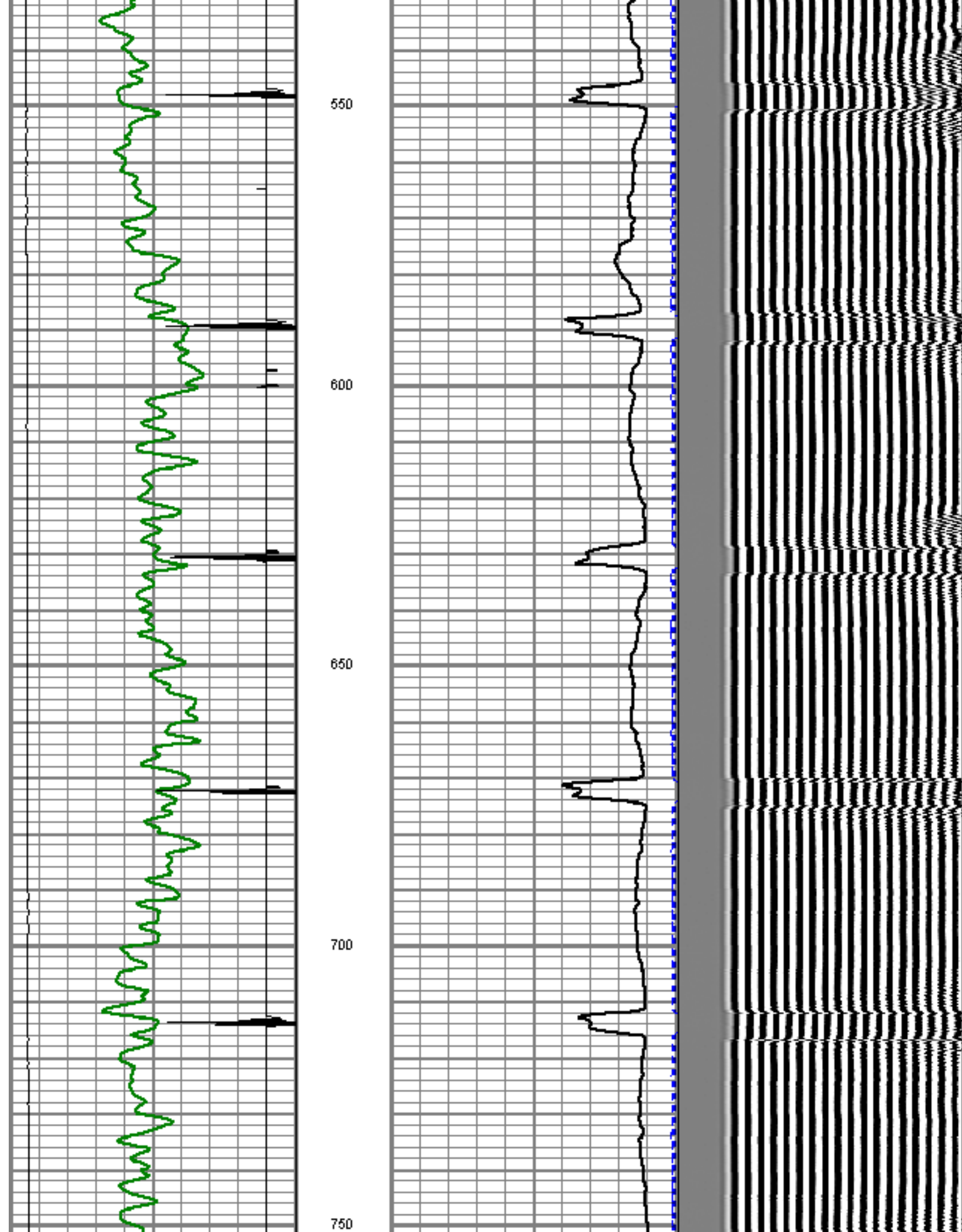
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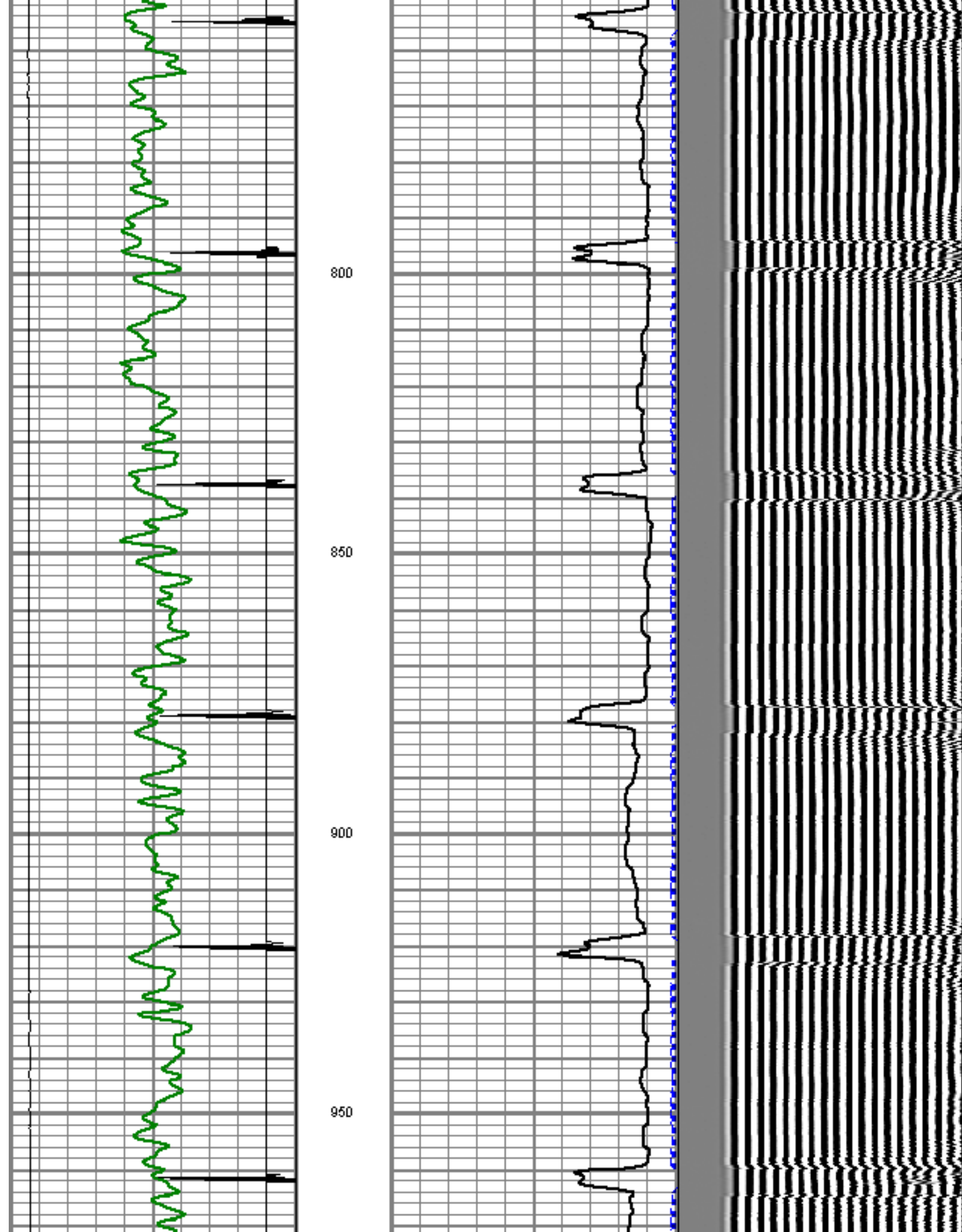
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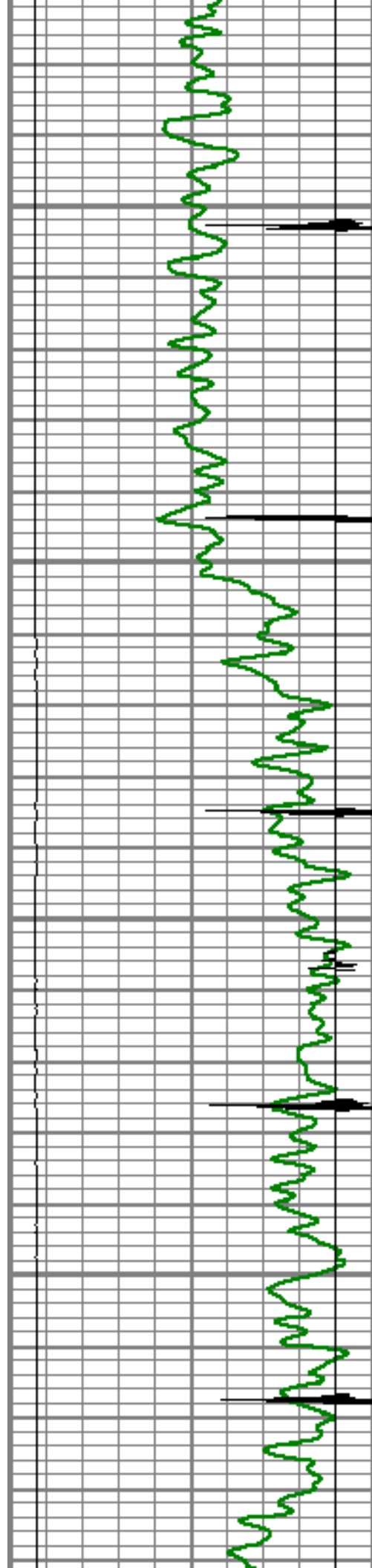
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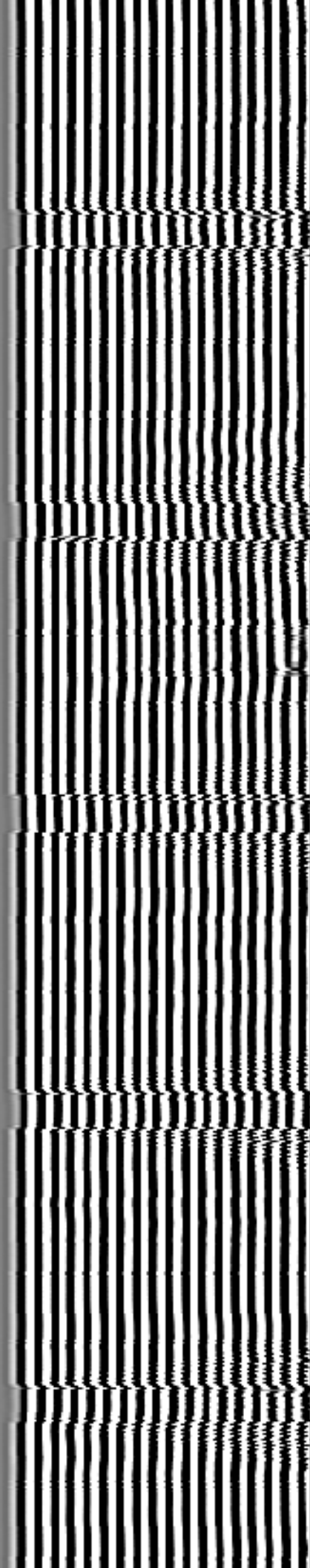
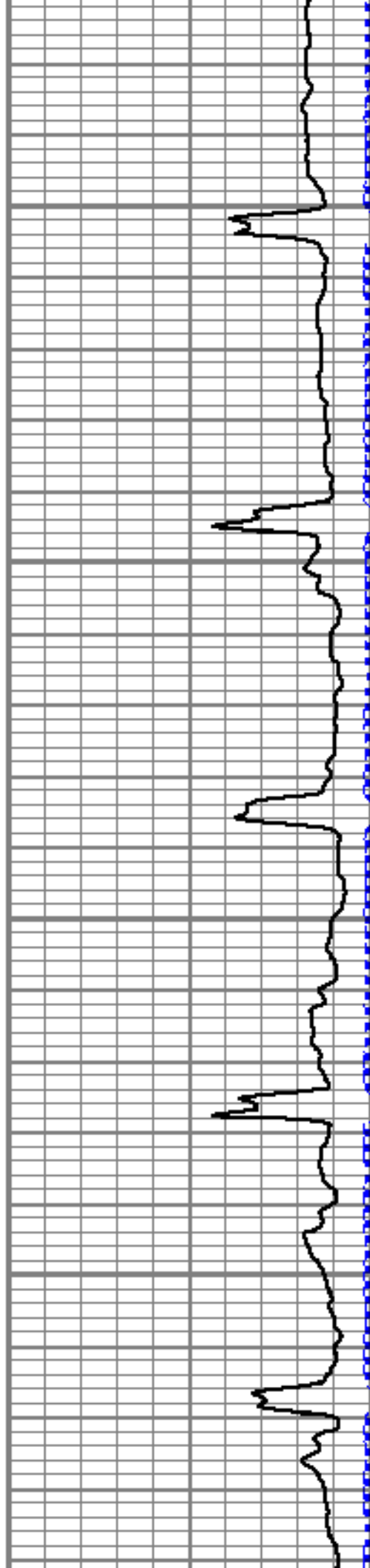


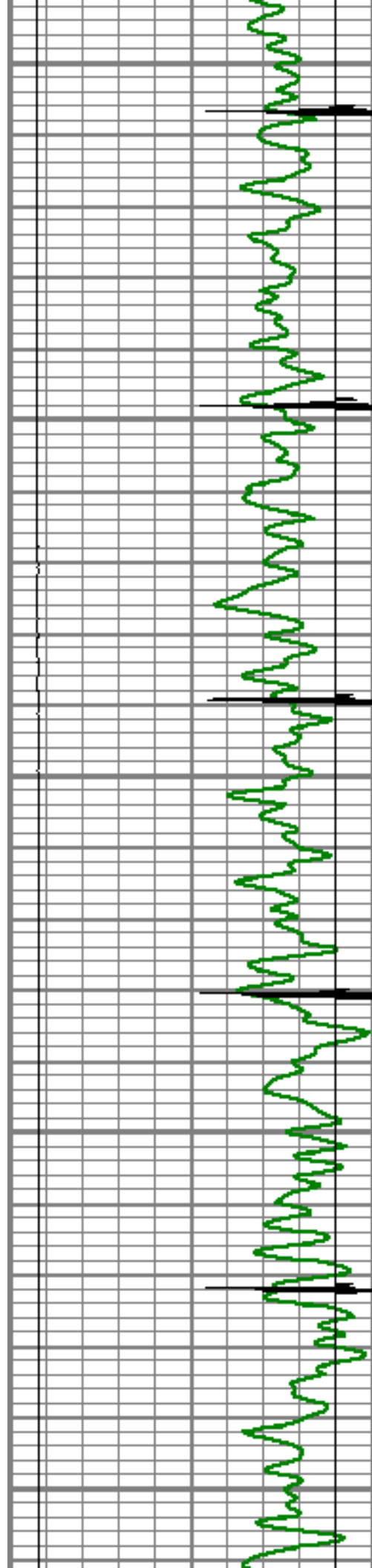
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1100

1150





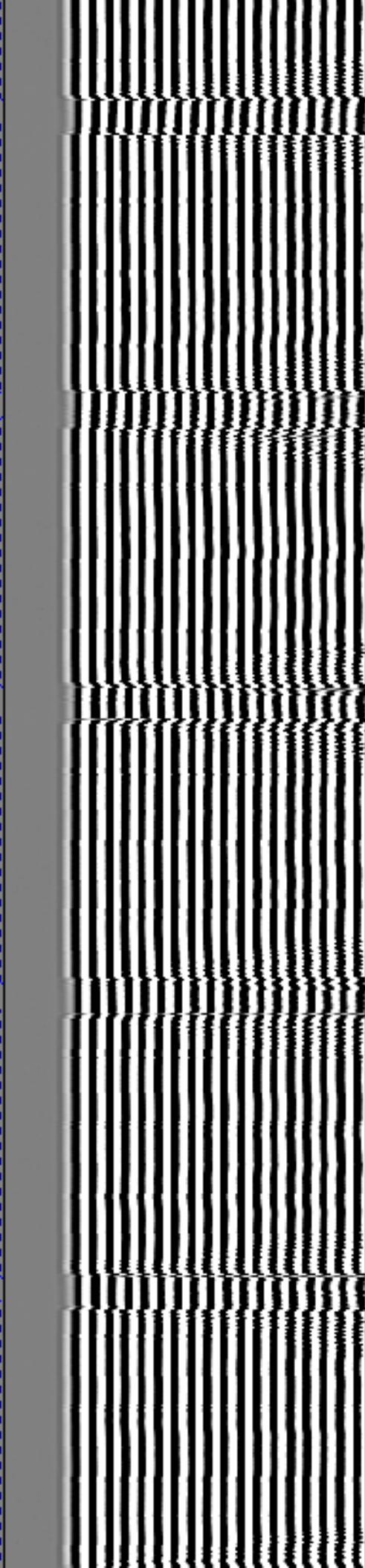
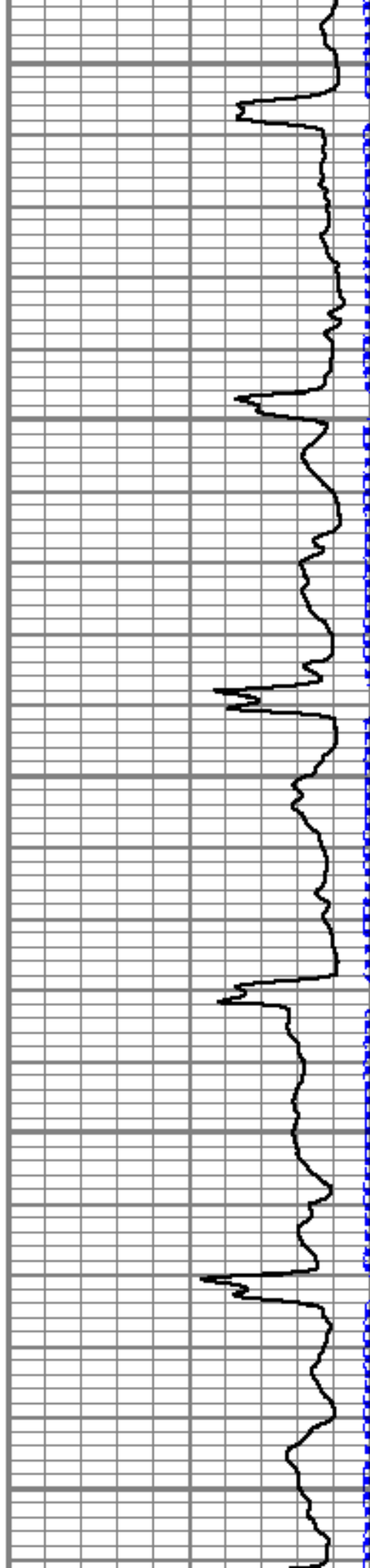
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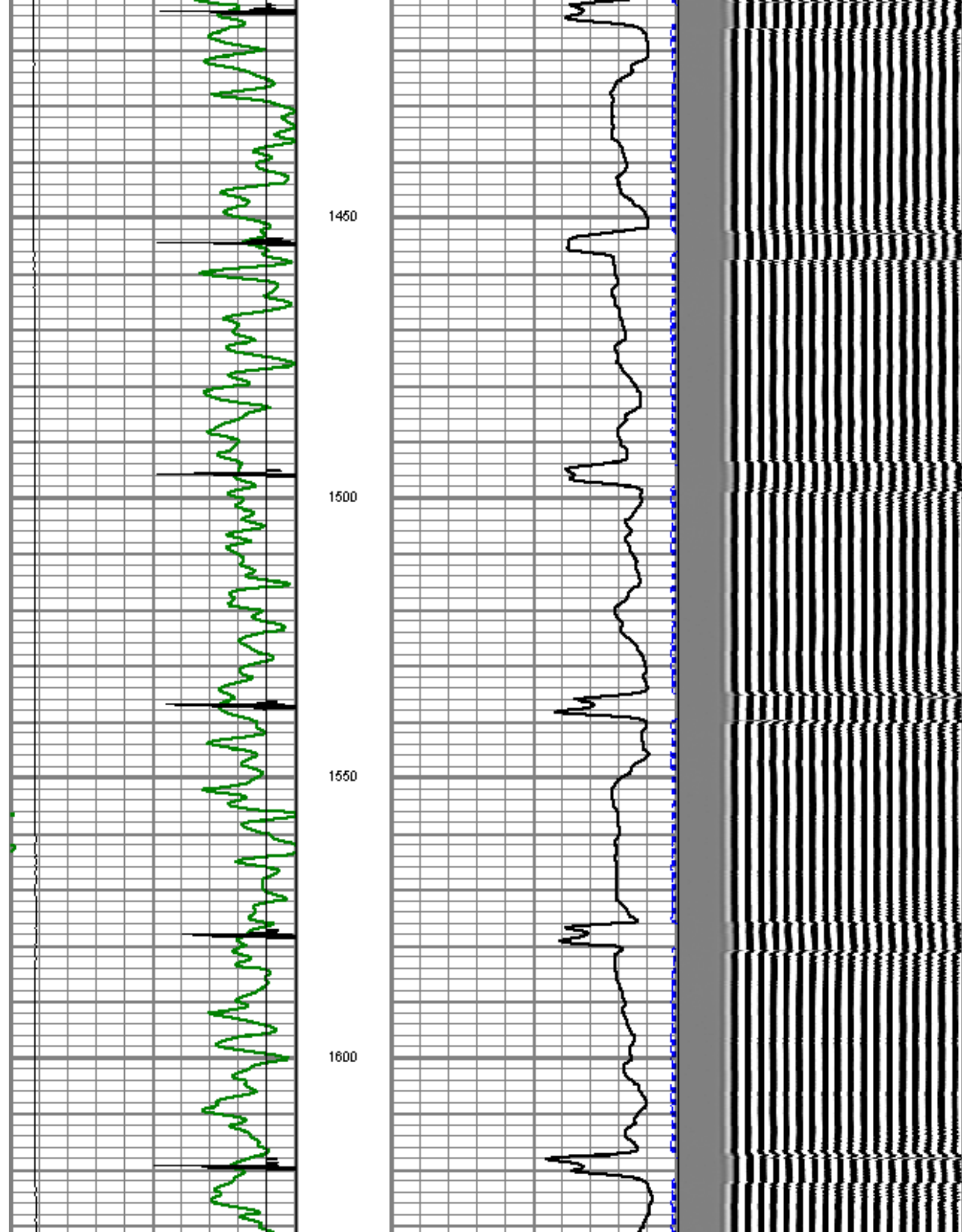
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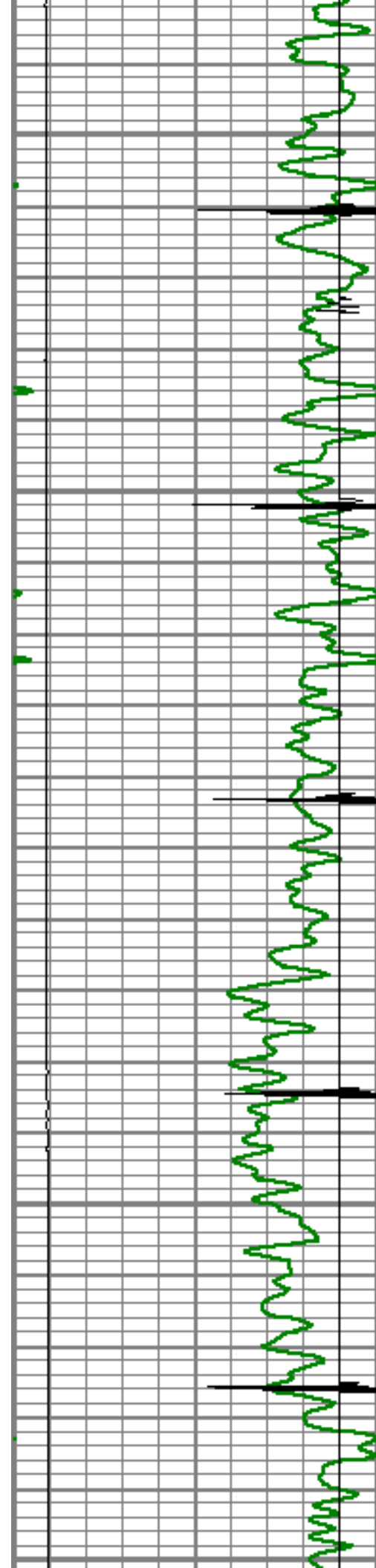
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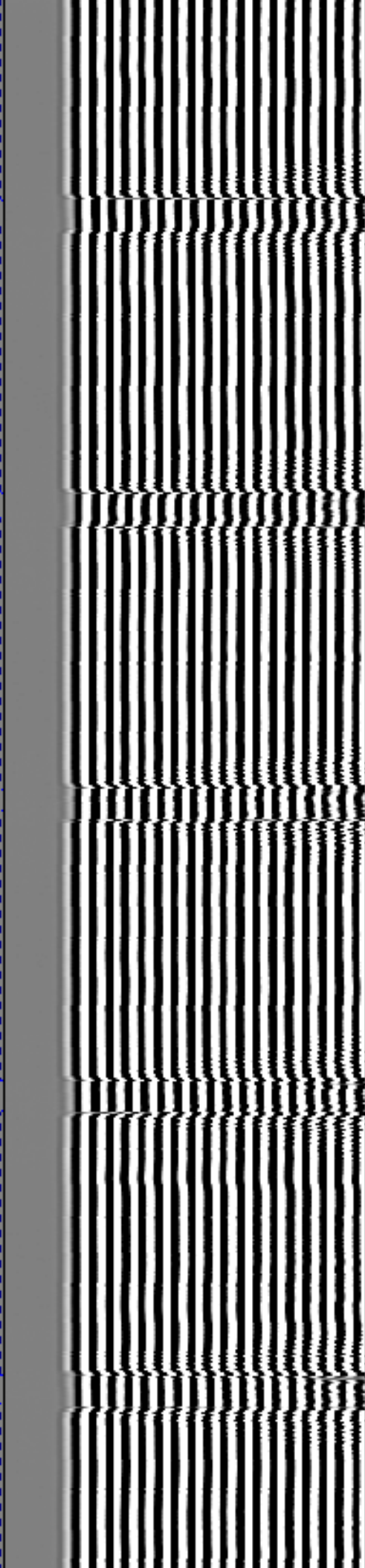
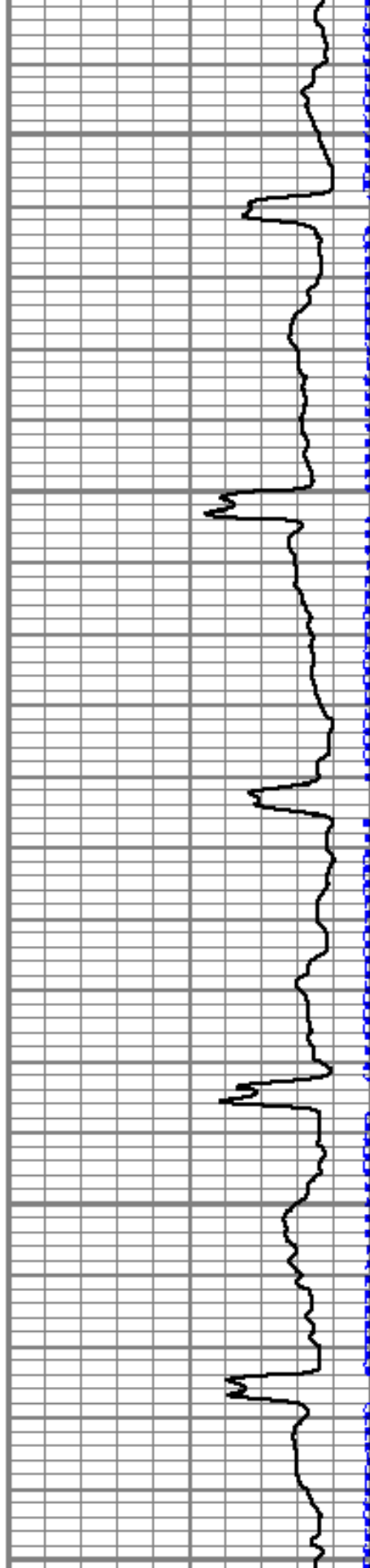
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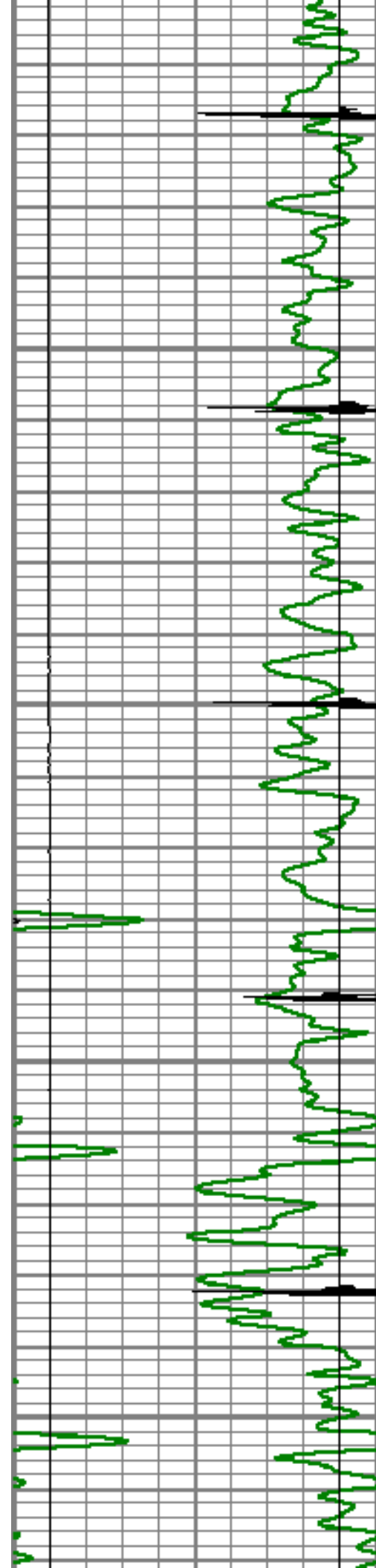
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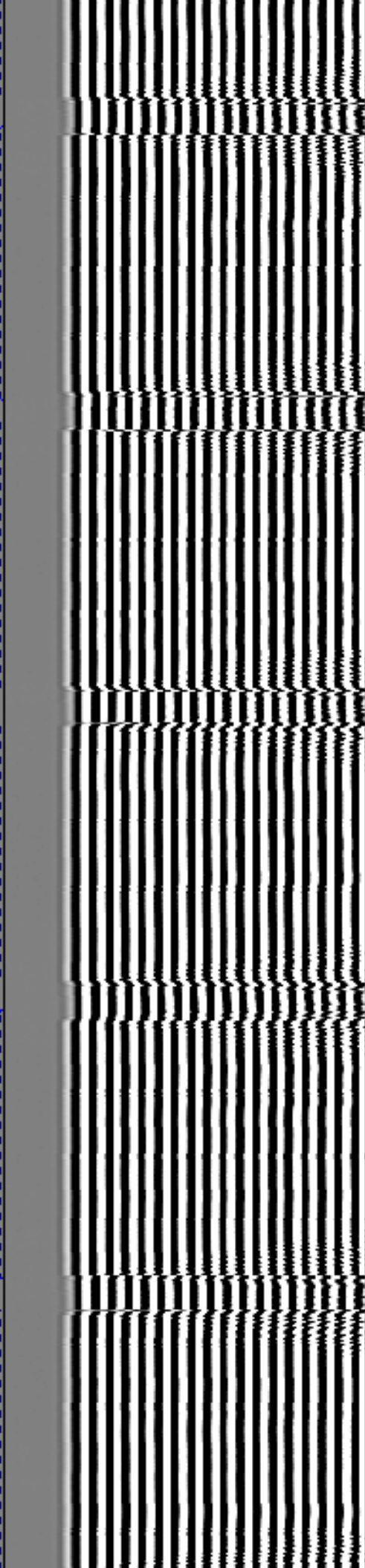
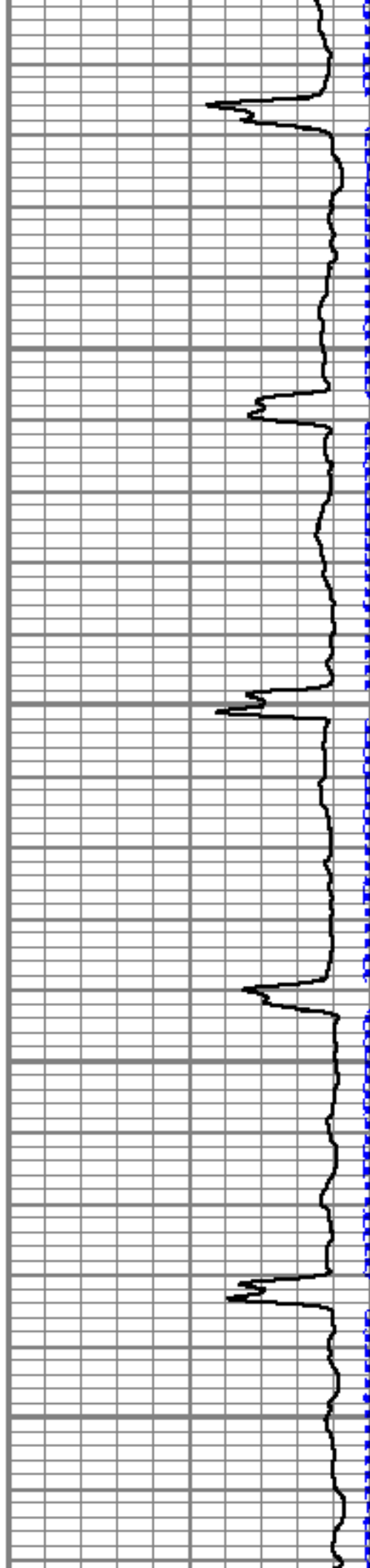


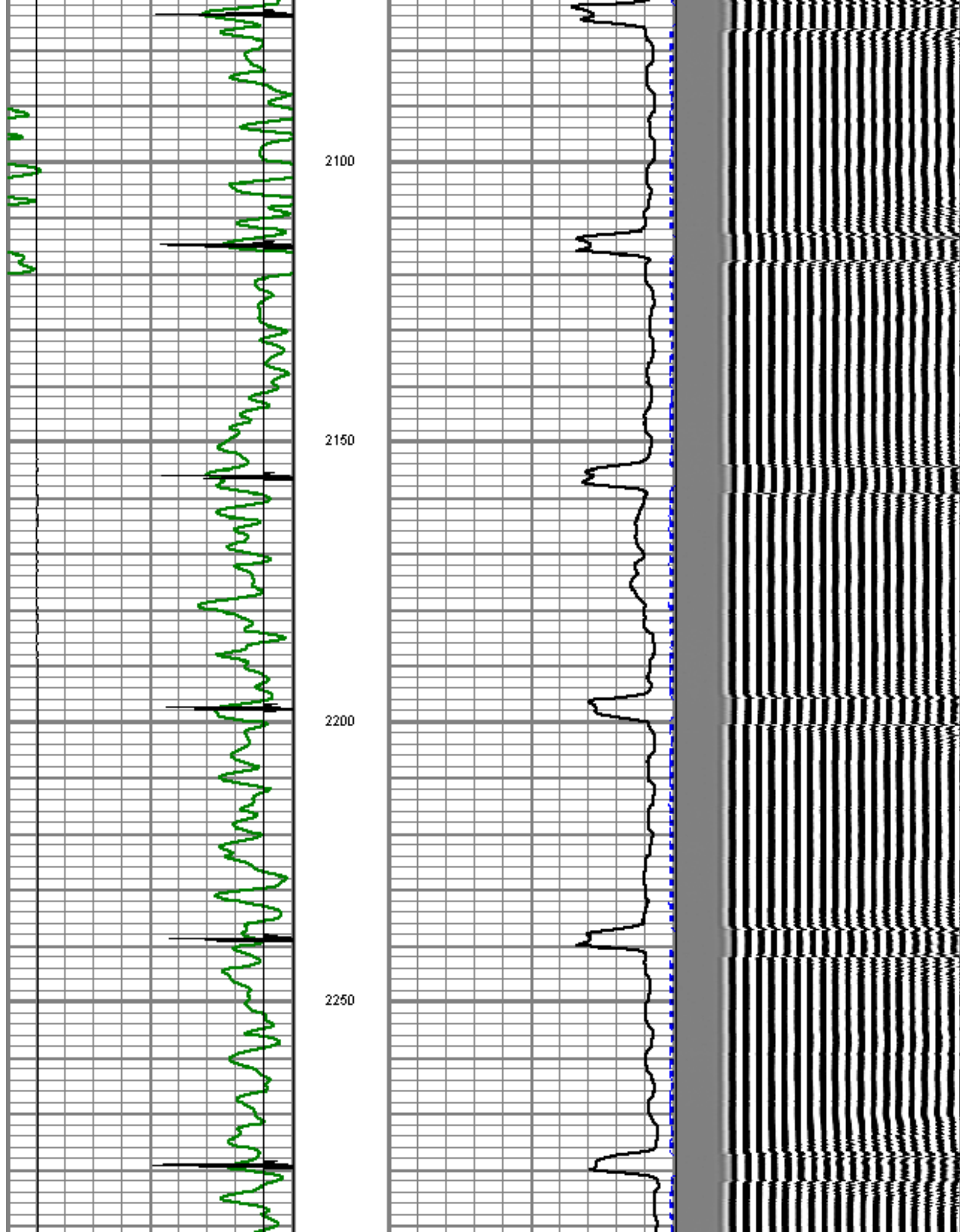
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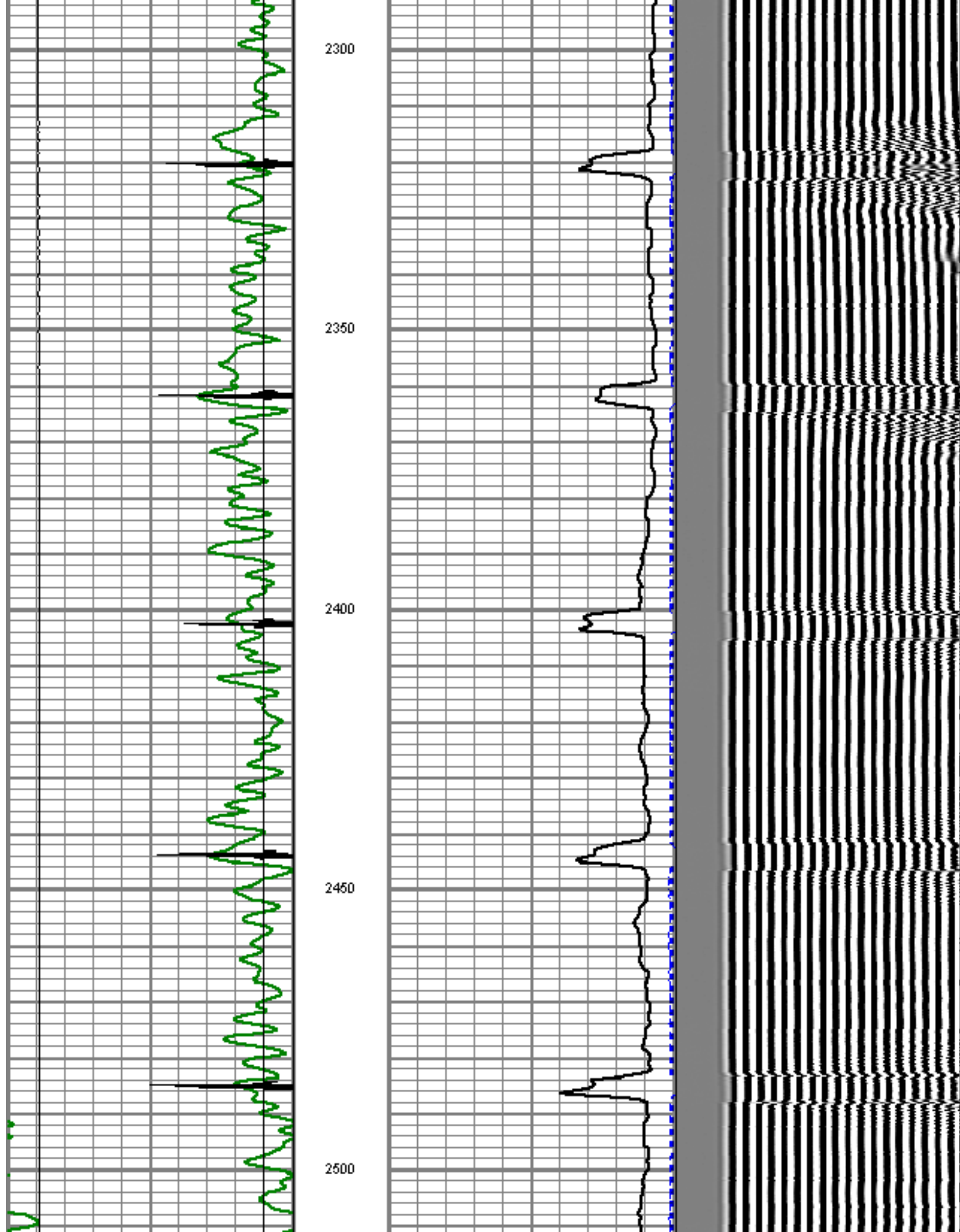
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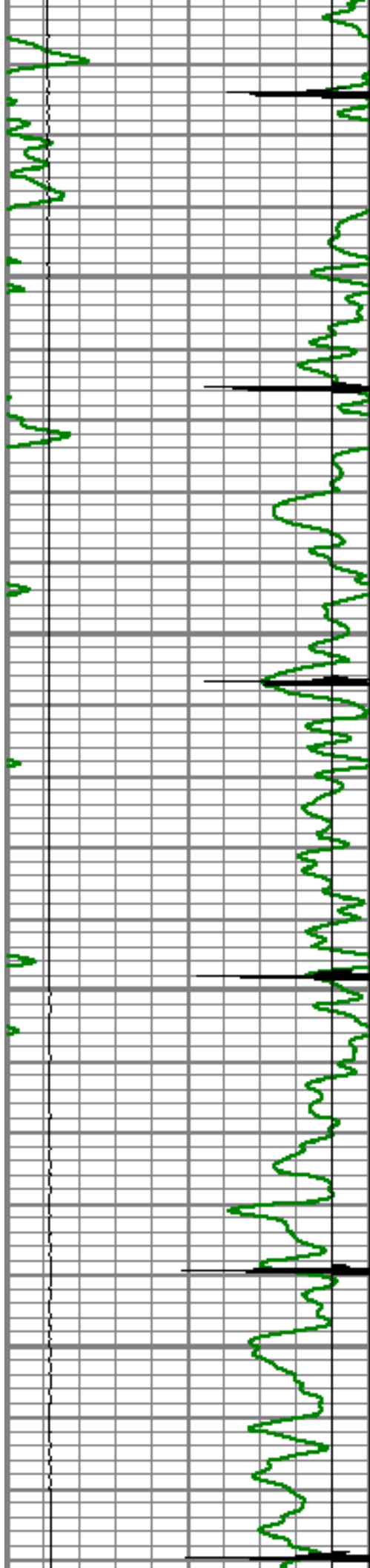
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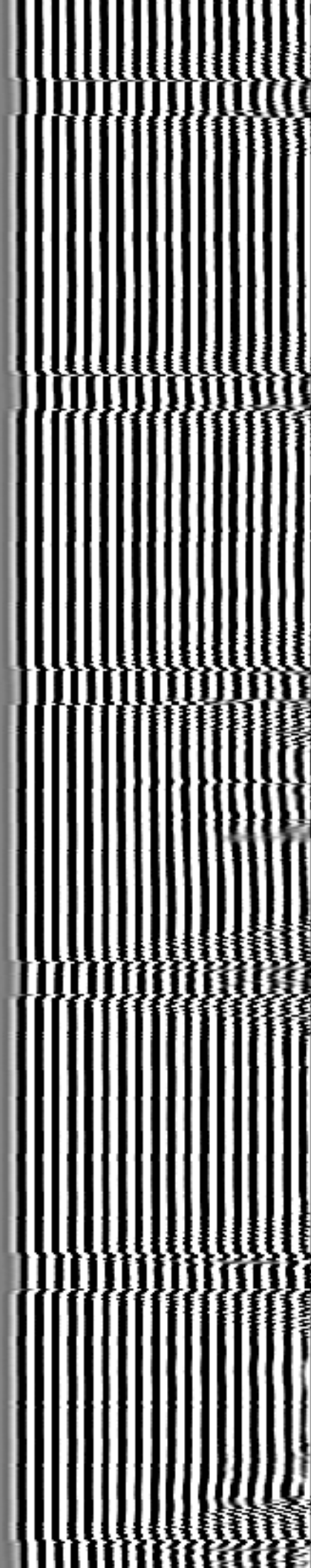
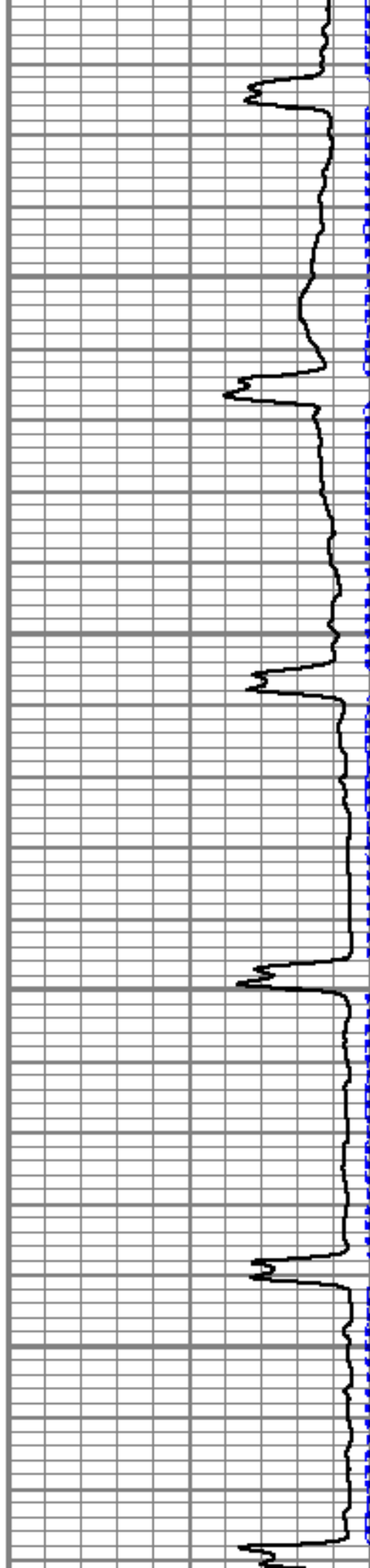


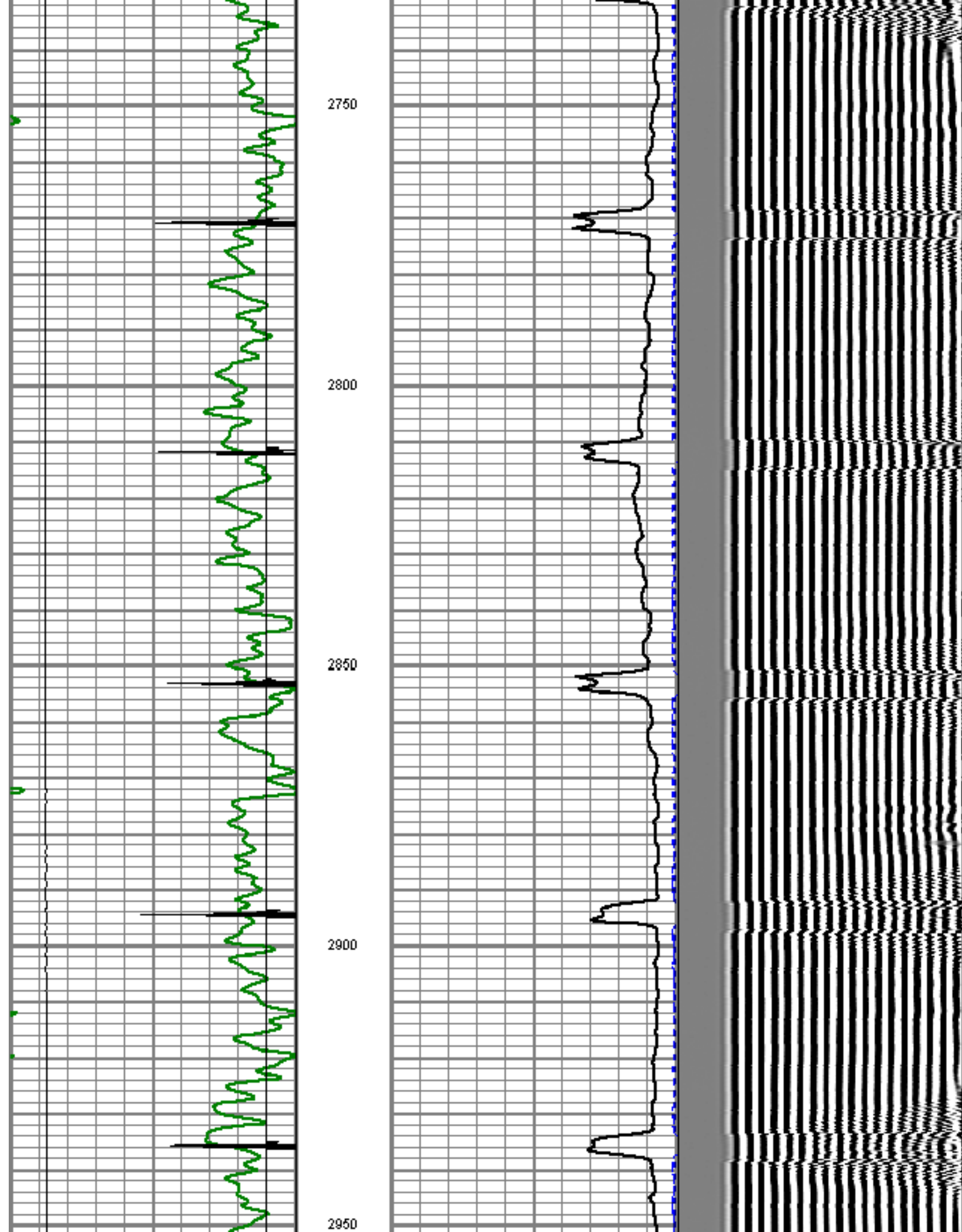
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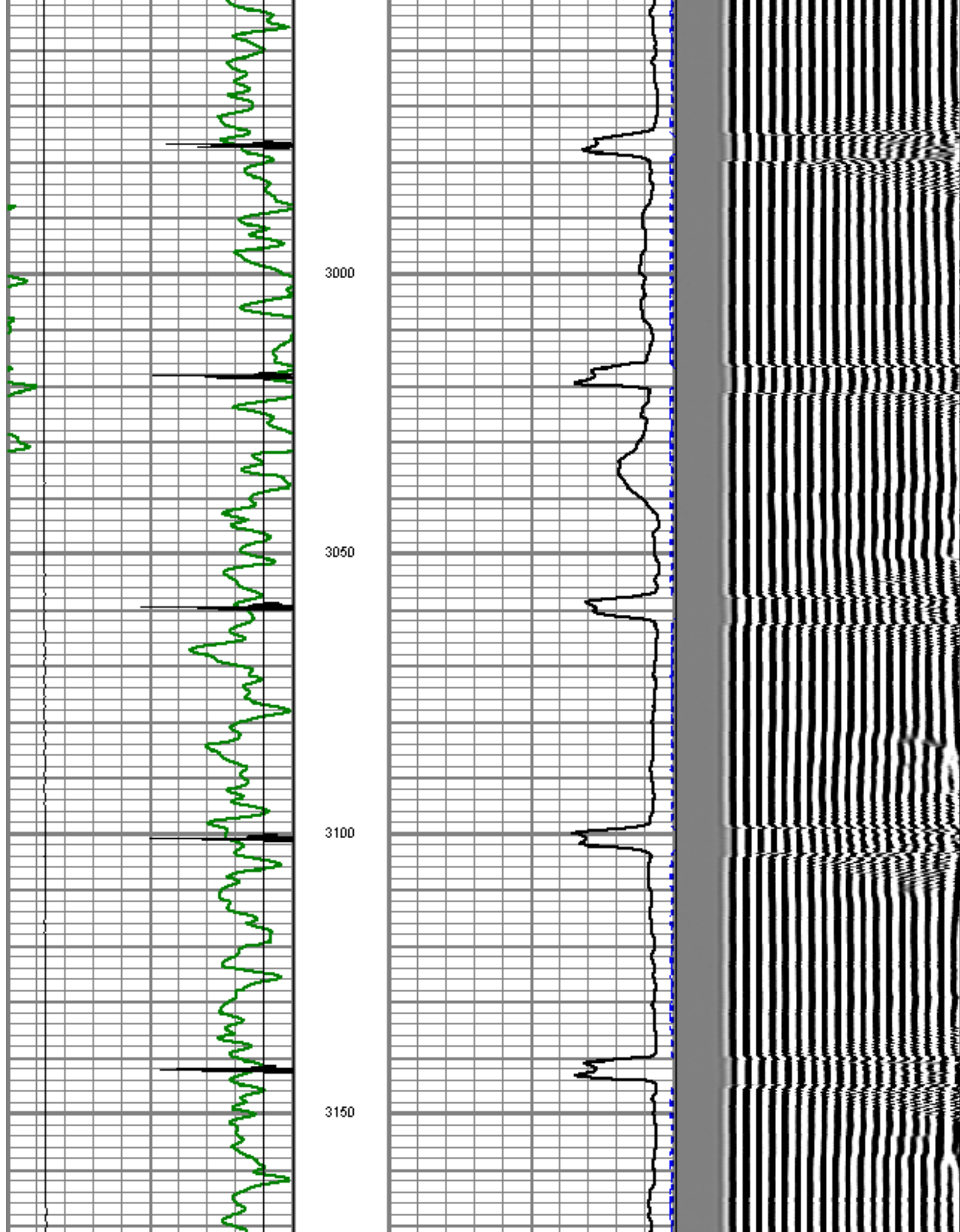
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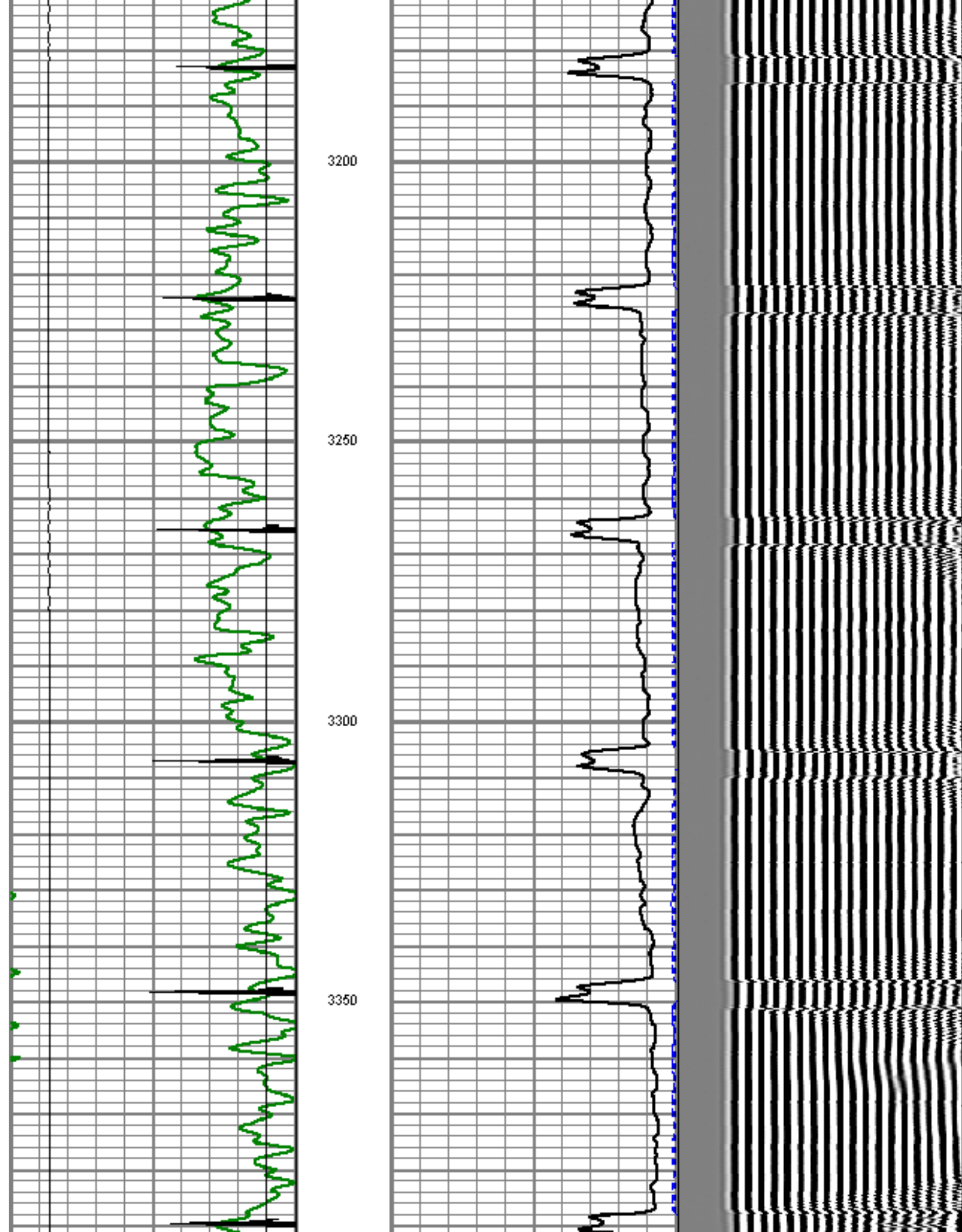
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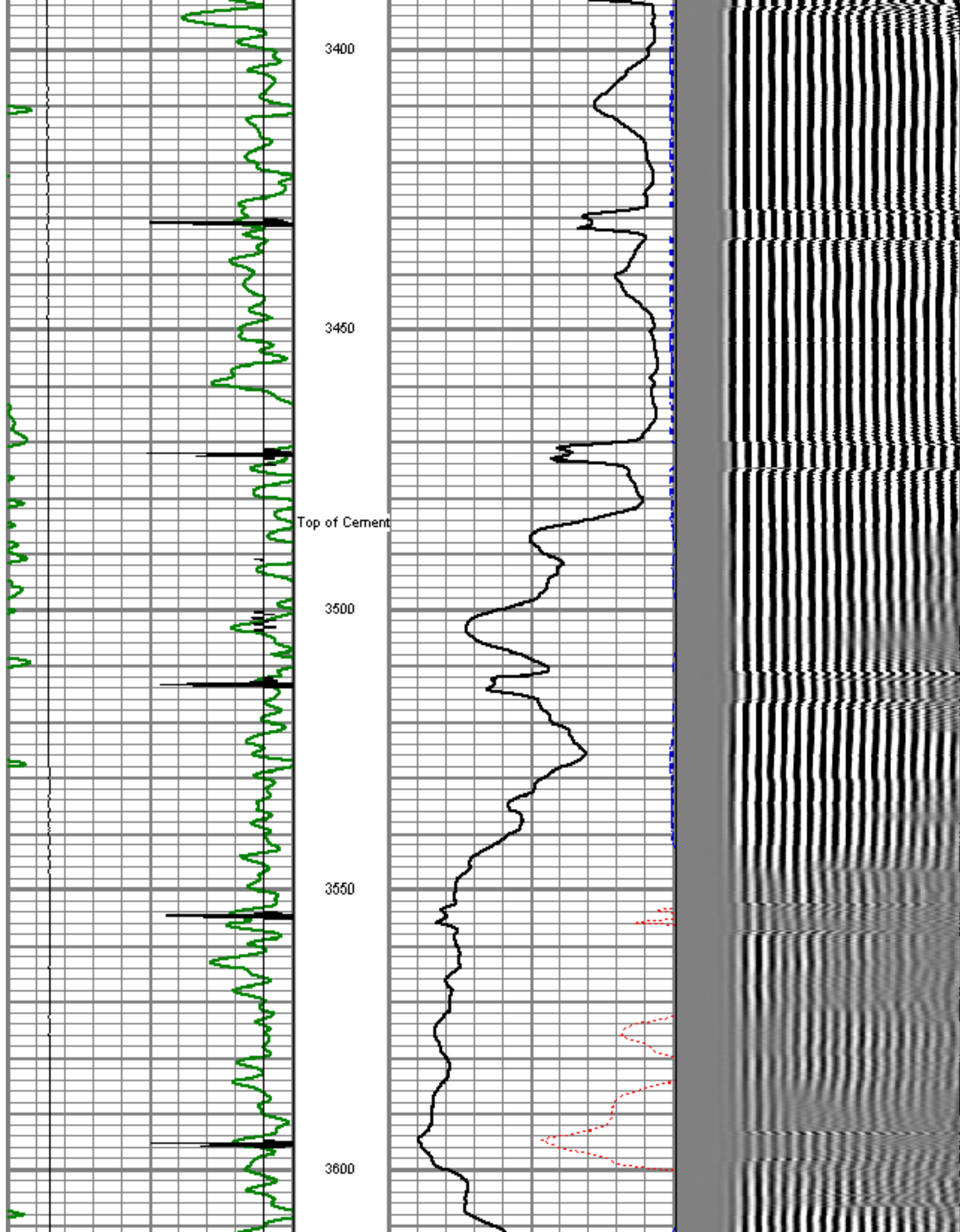
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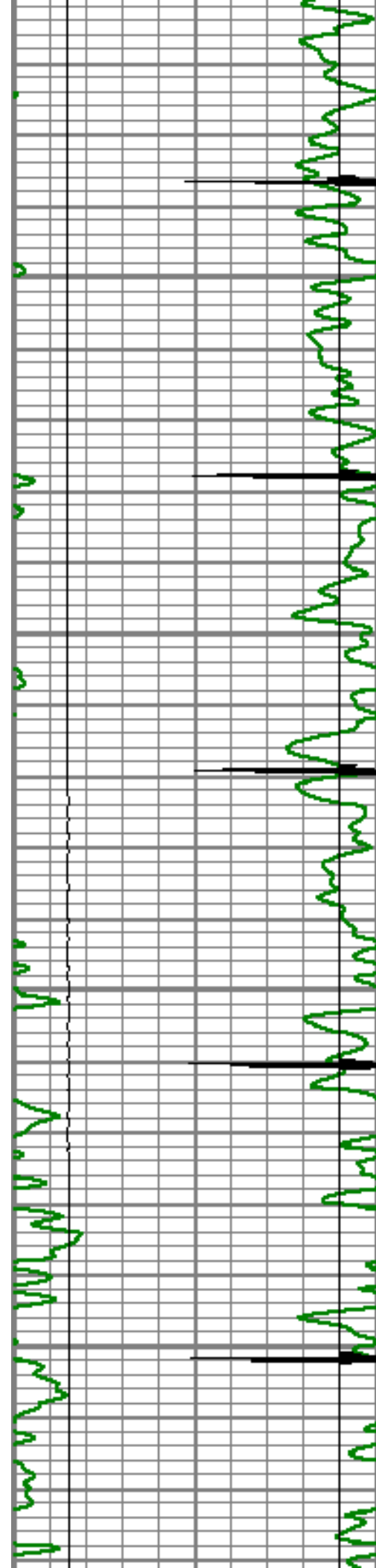










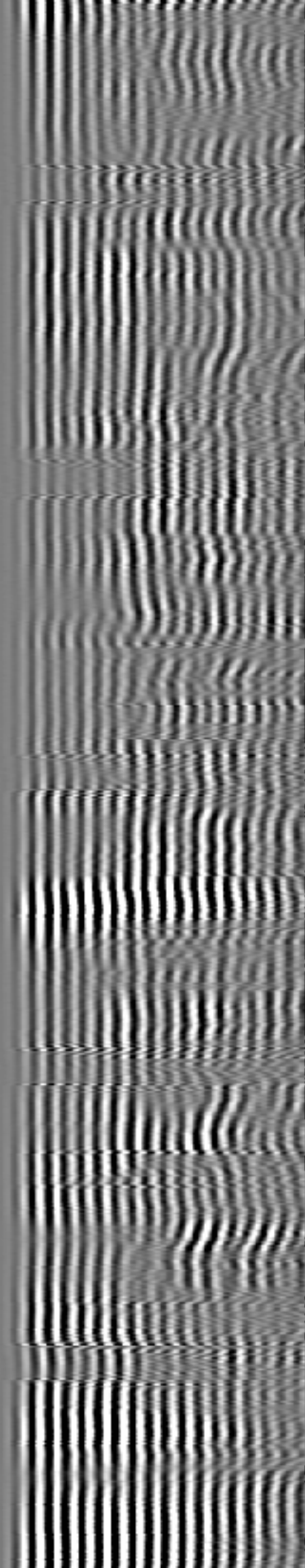
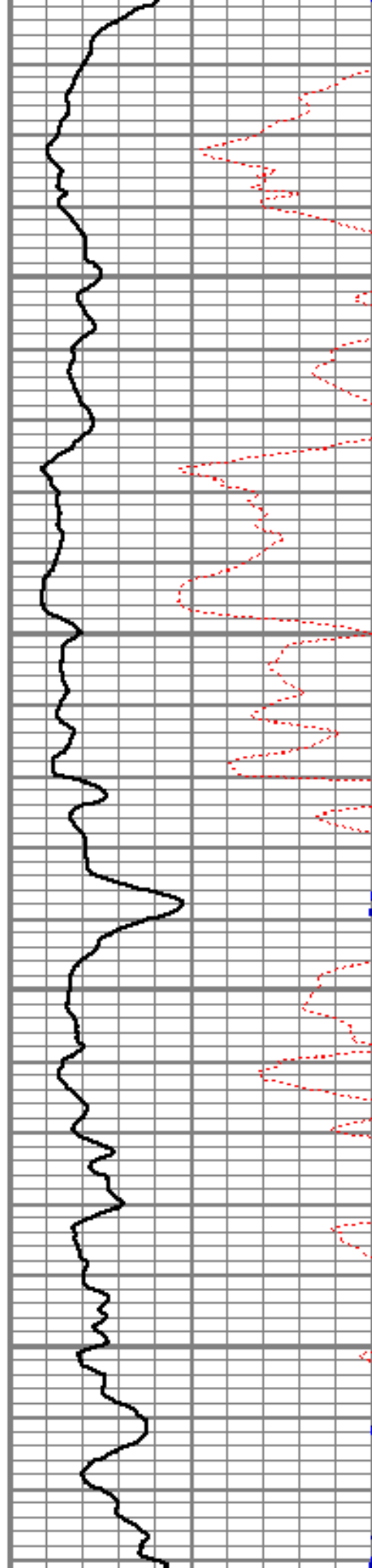


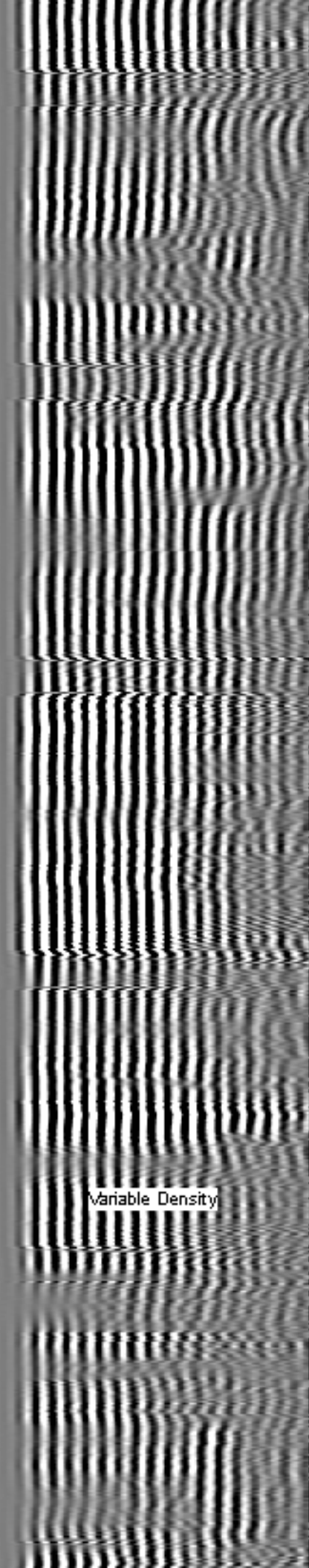
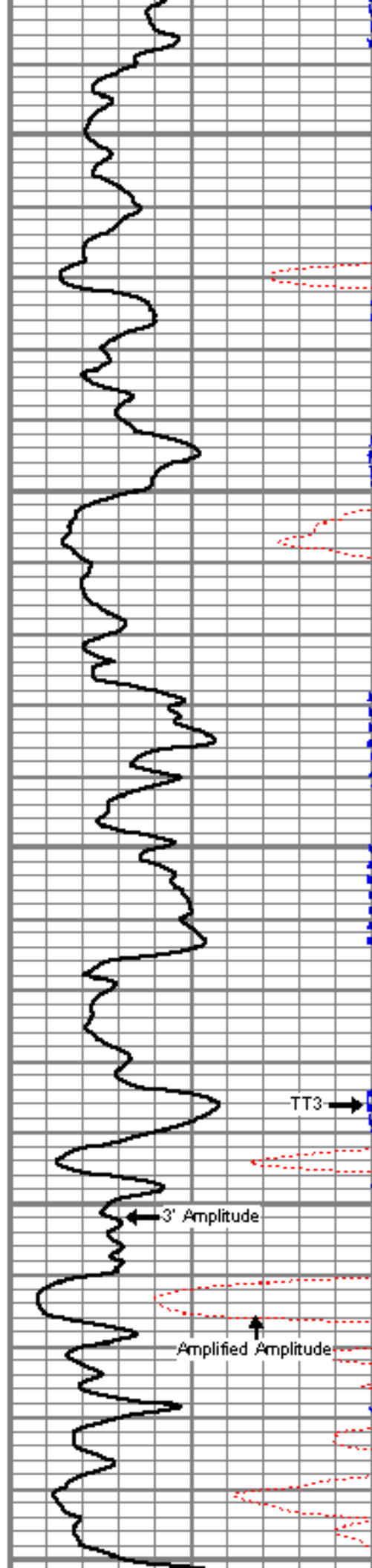
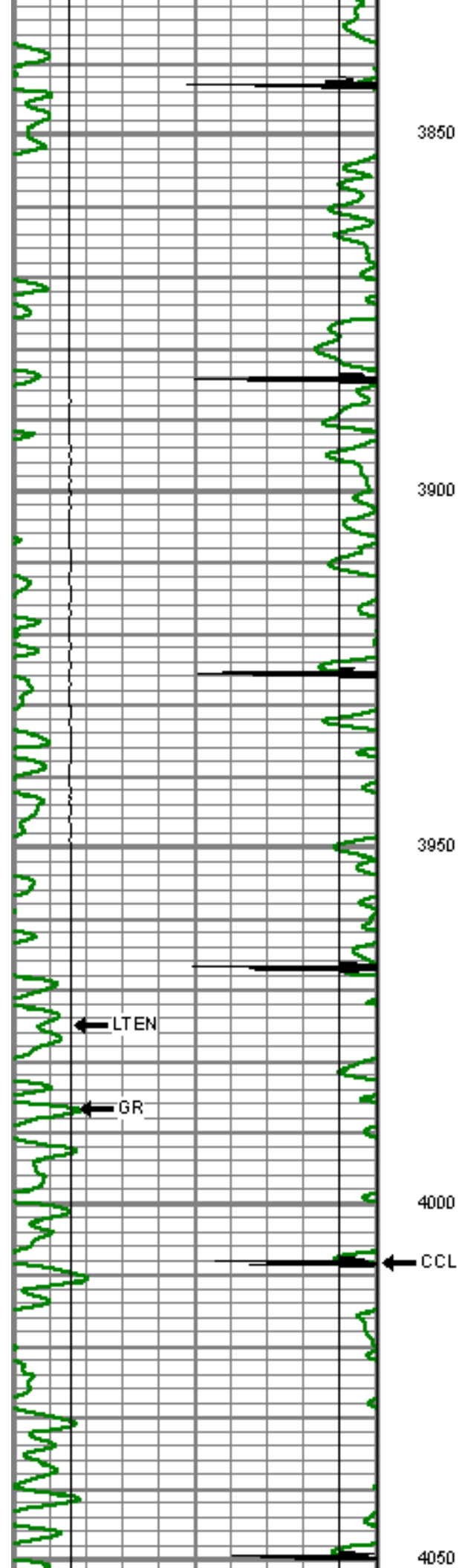
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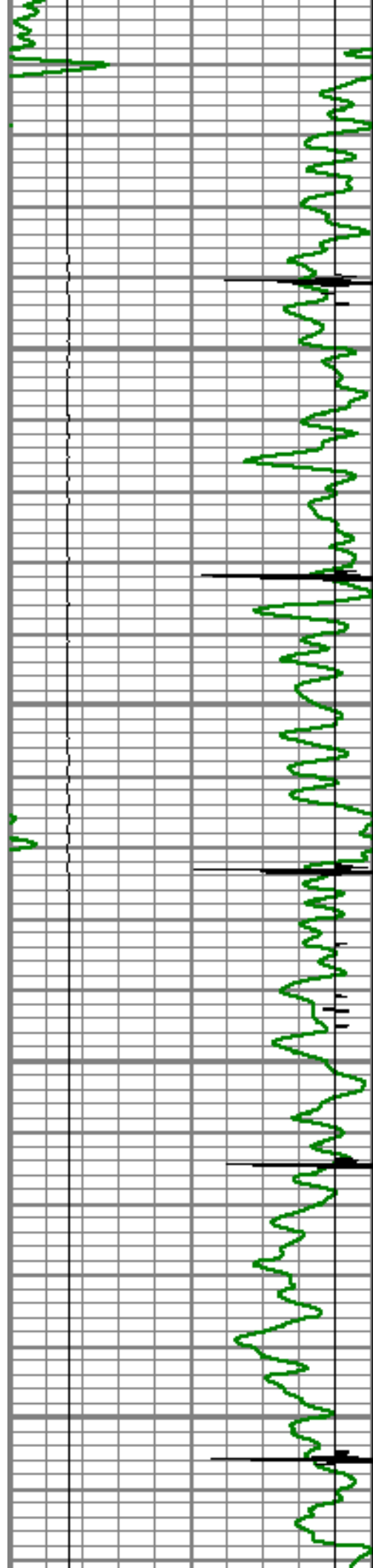
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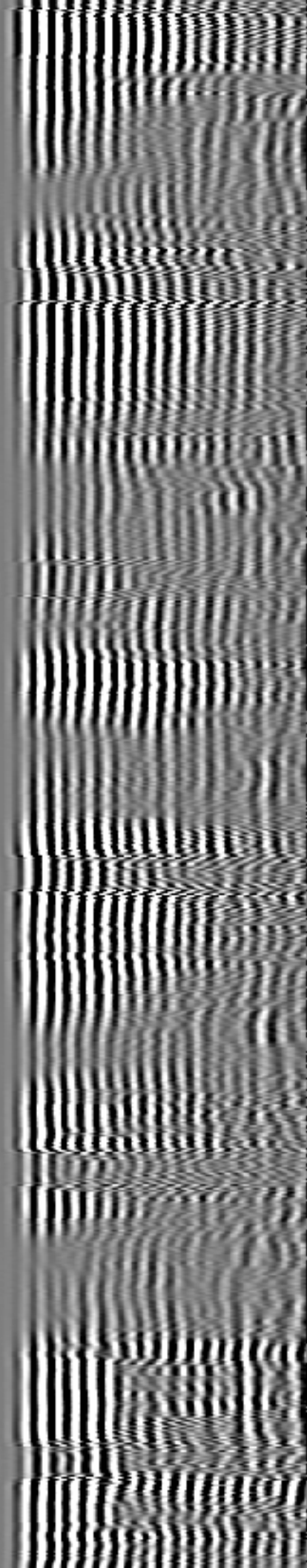
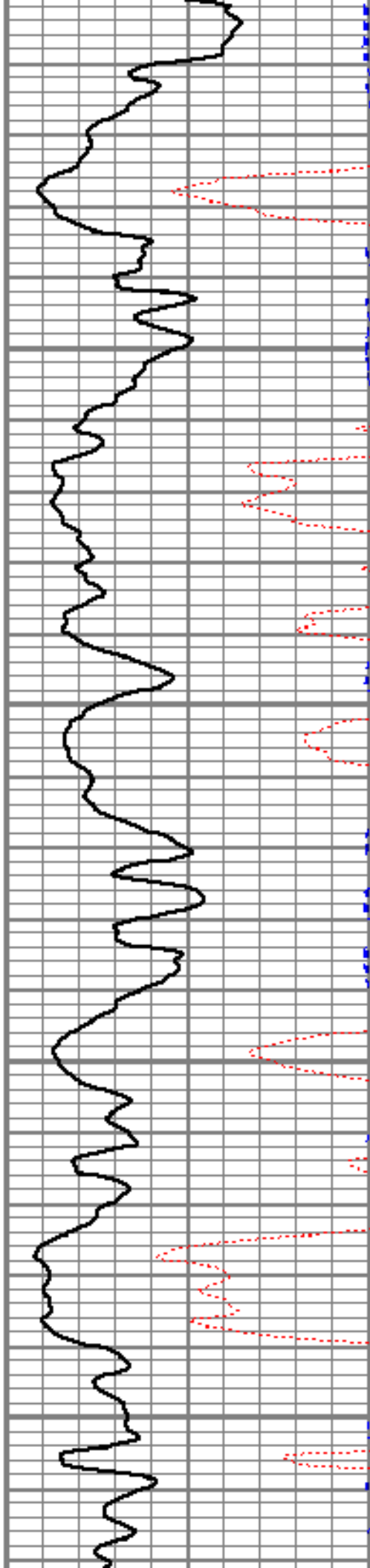


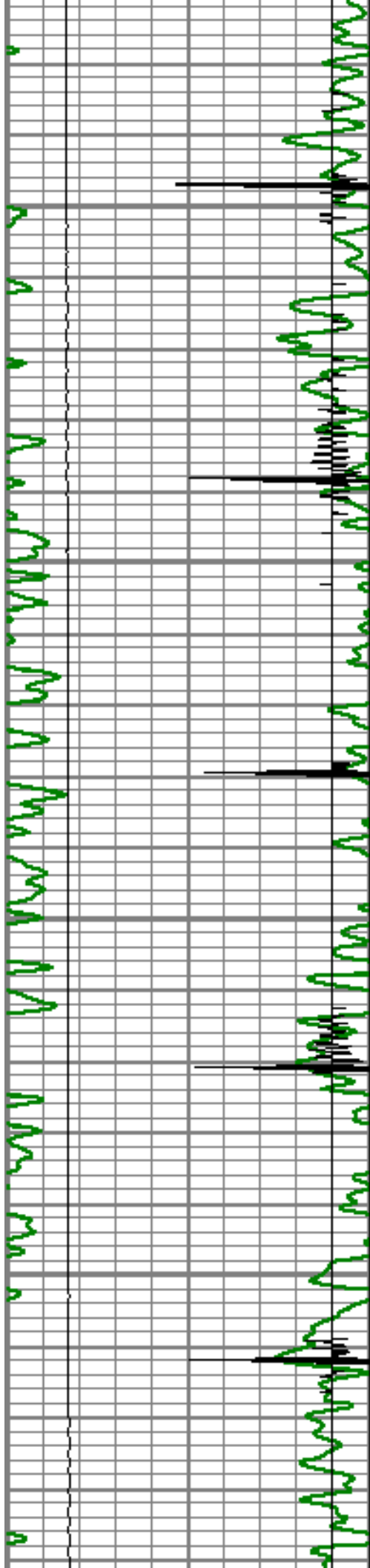
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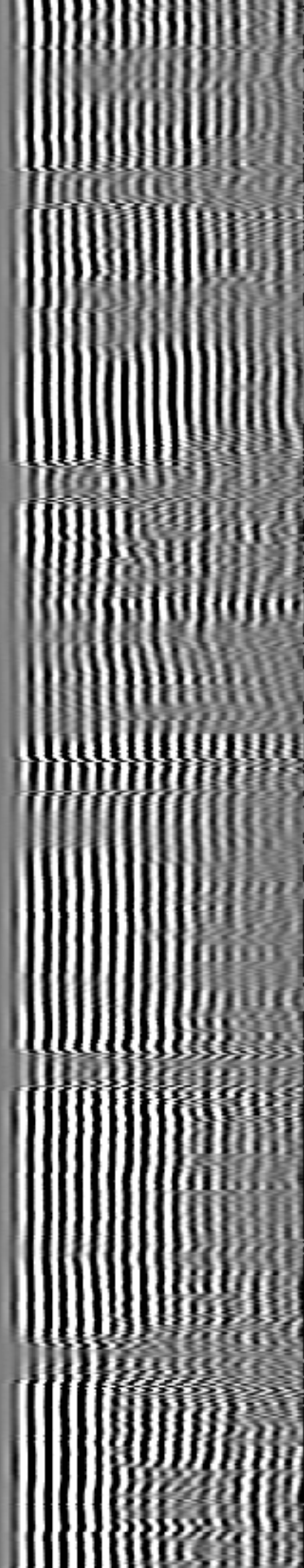
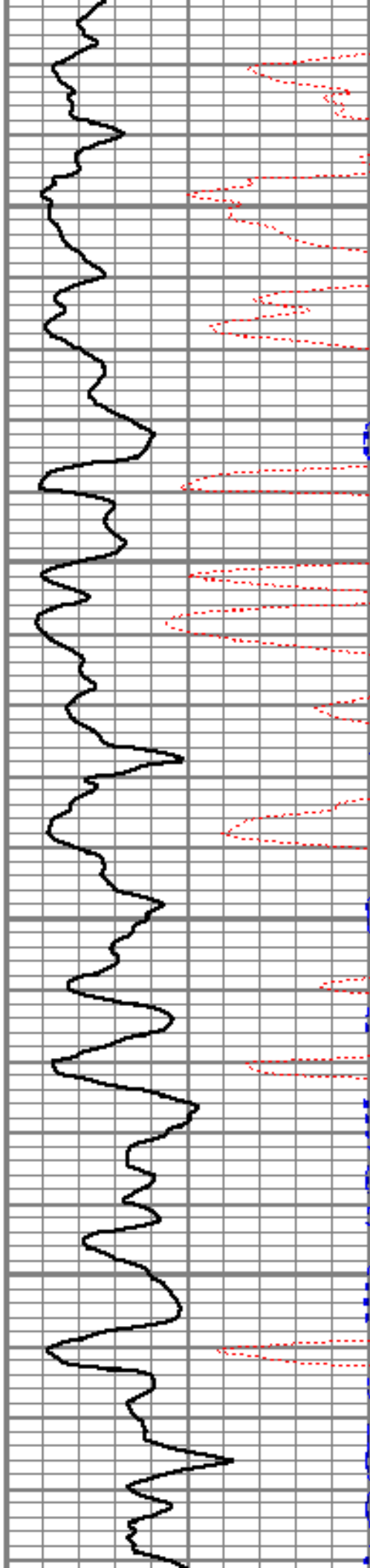


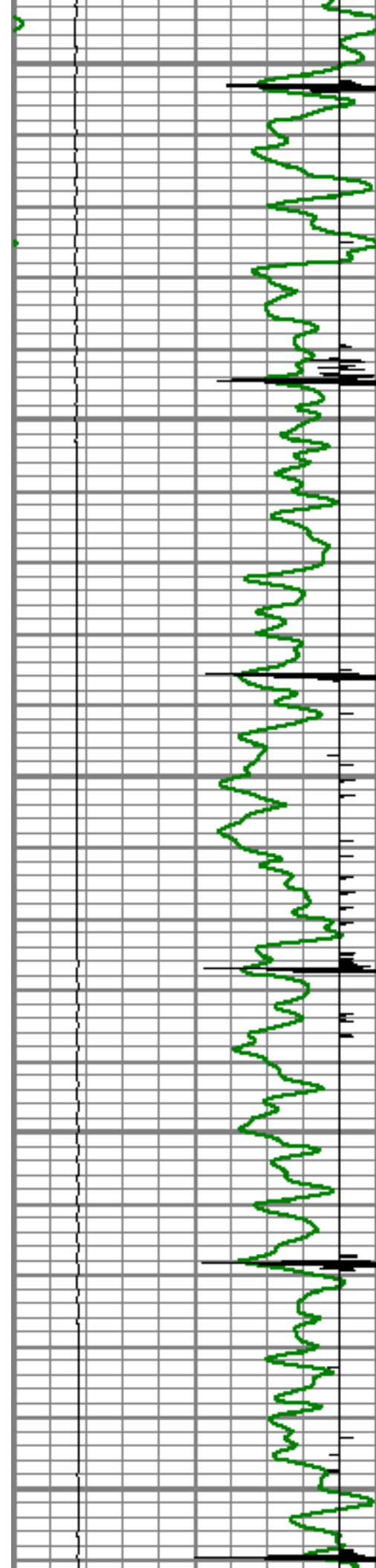
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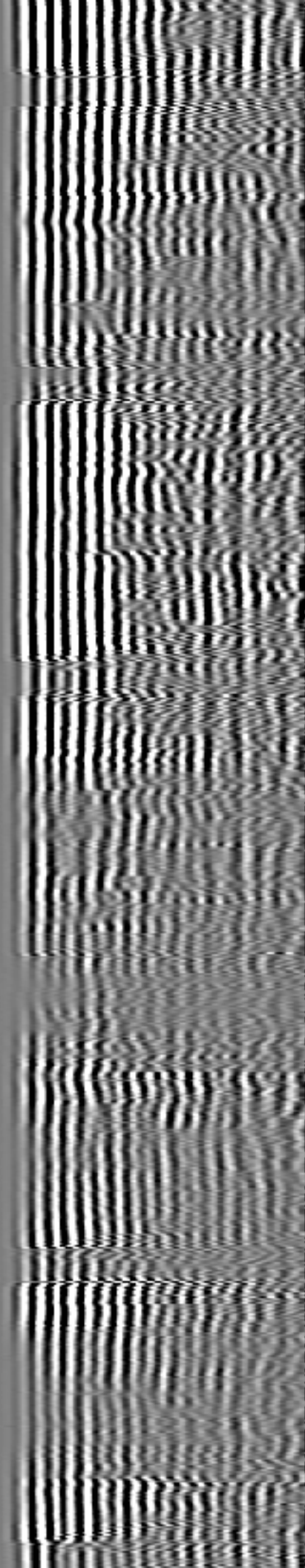
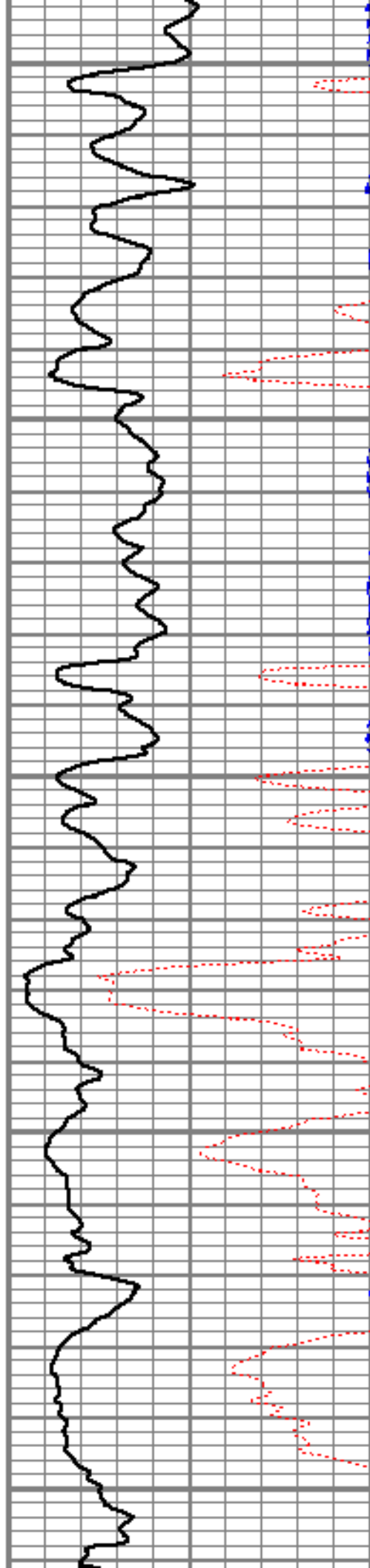
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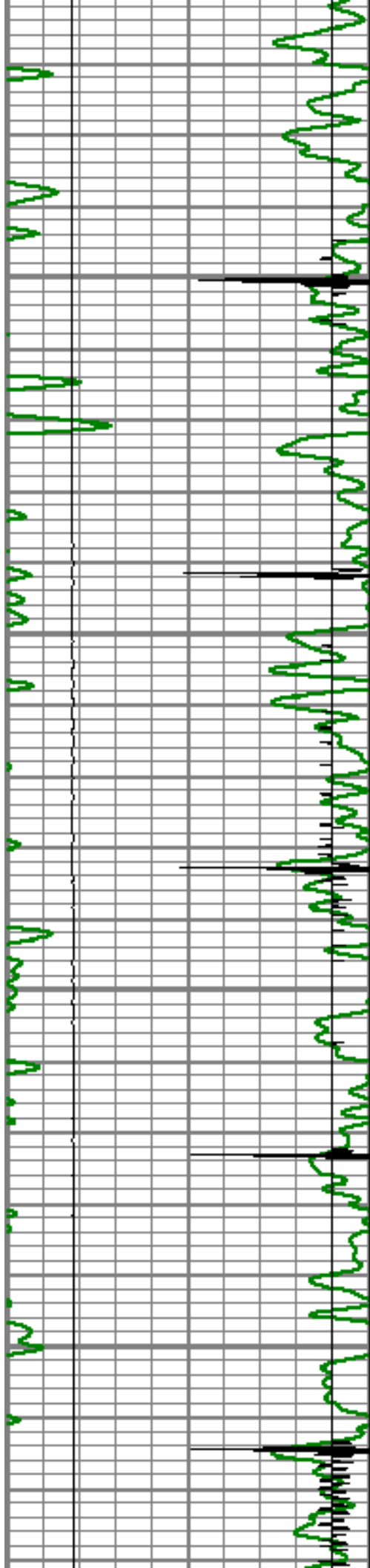
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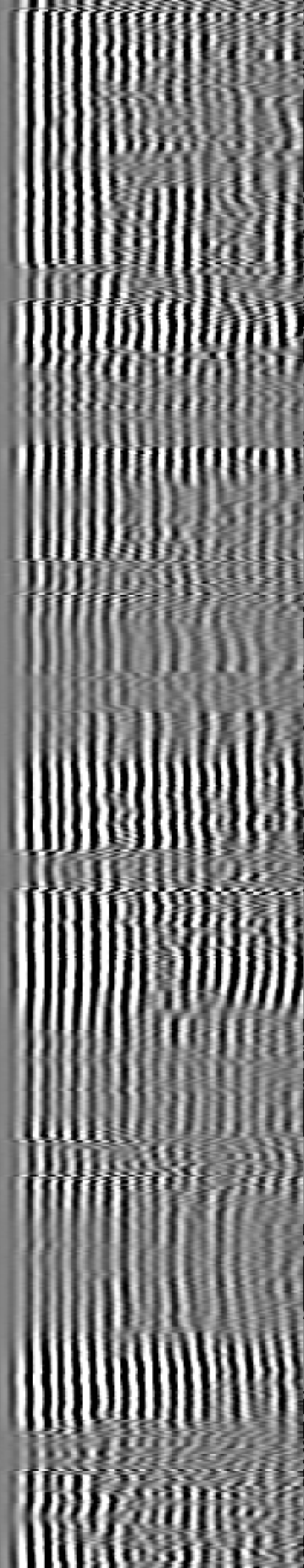
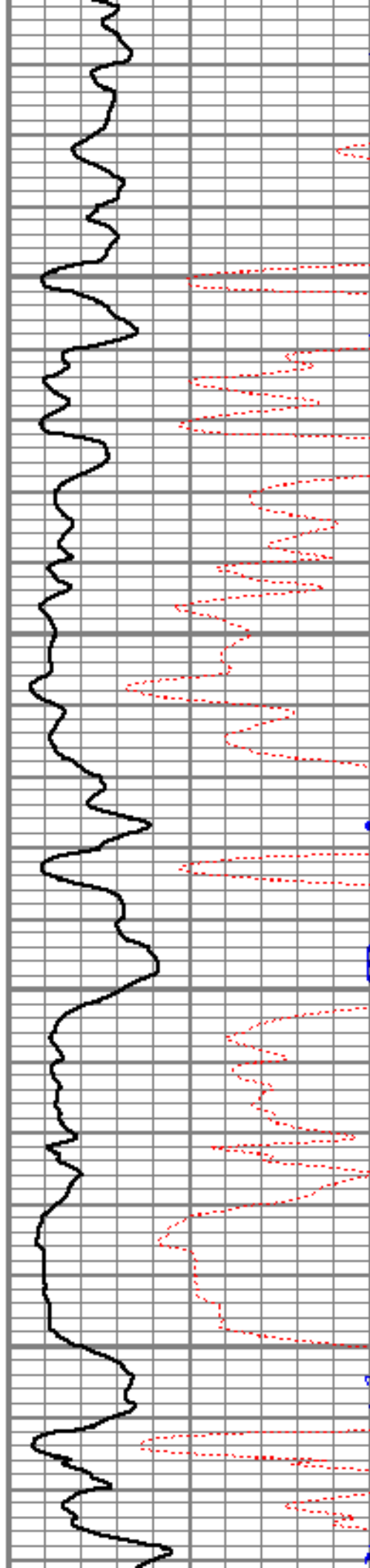


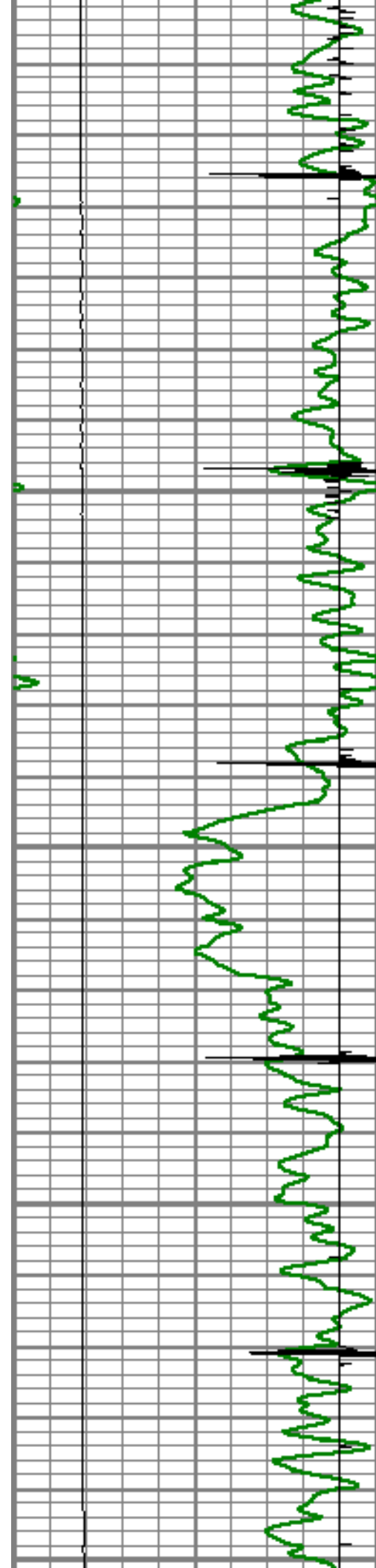
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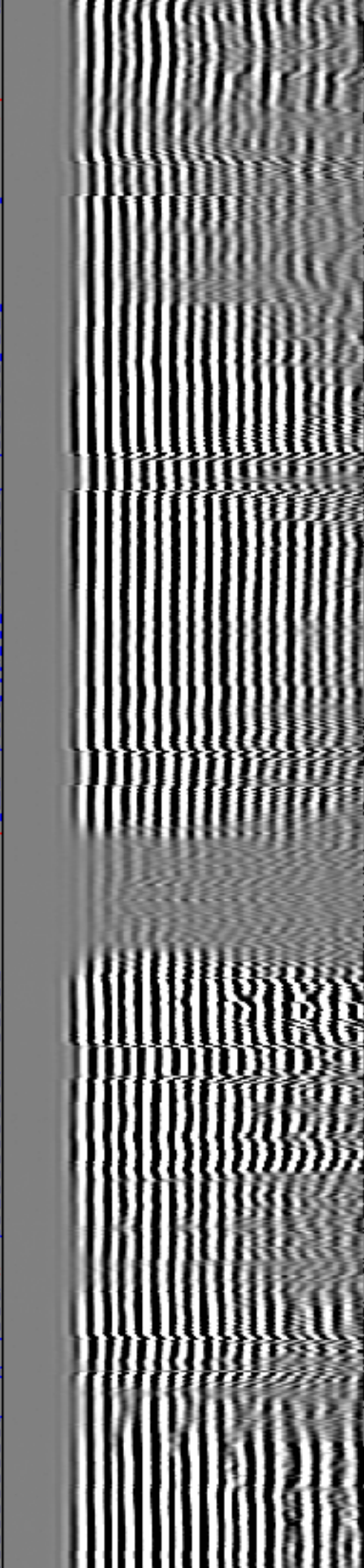
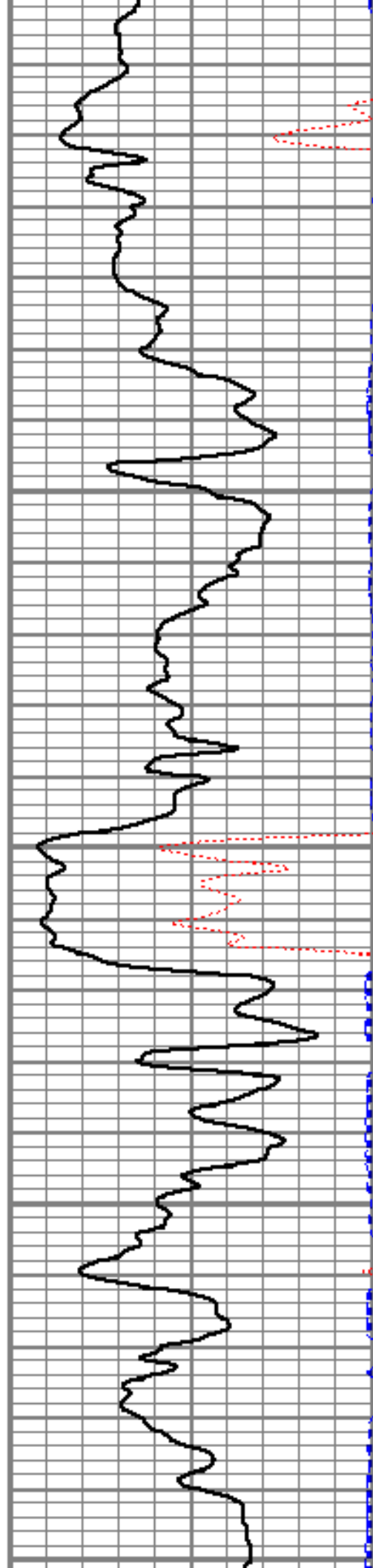
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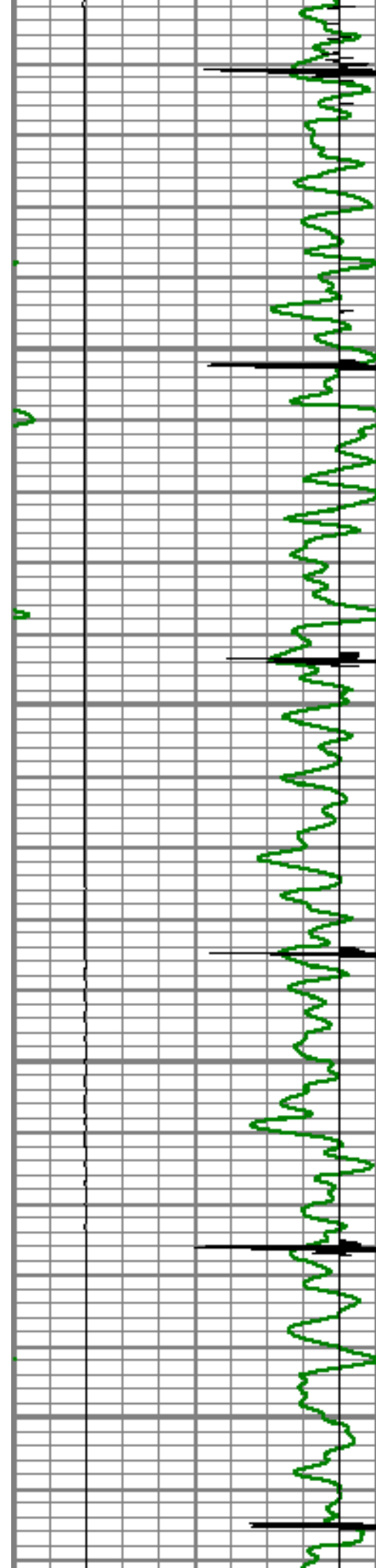
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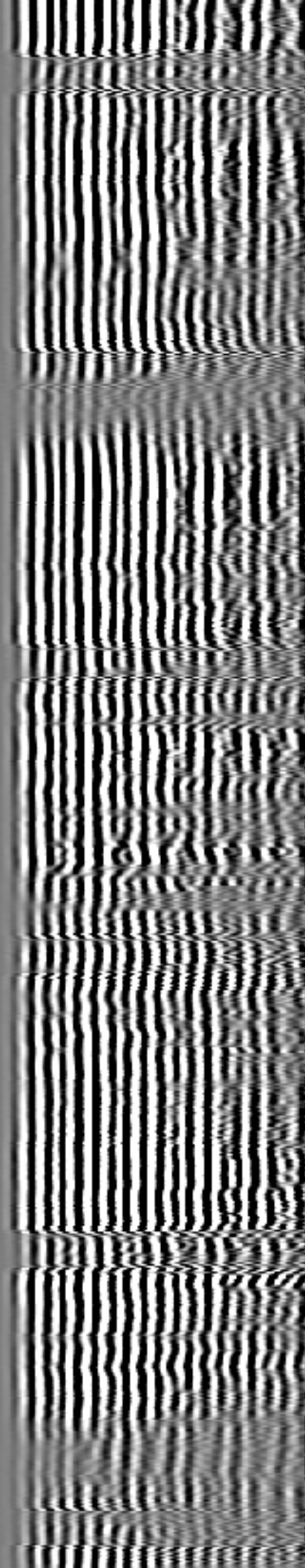
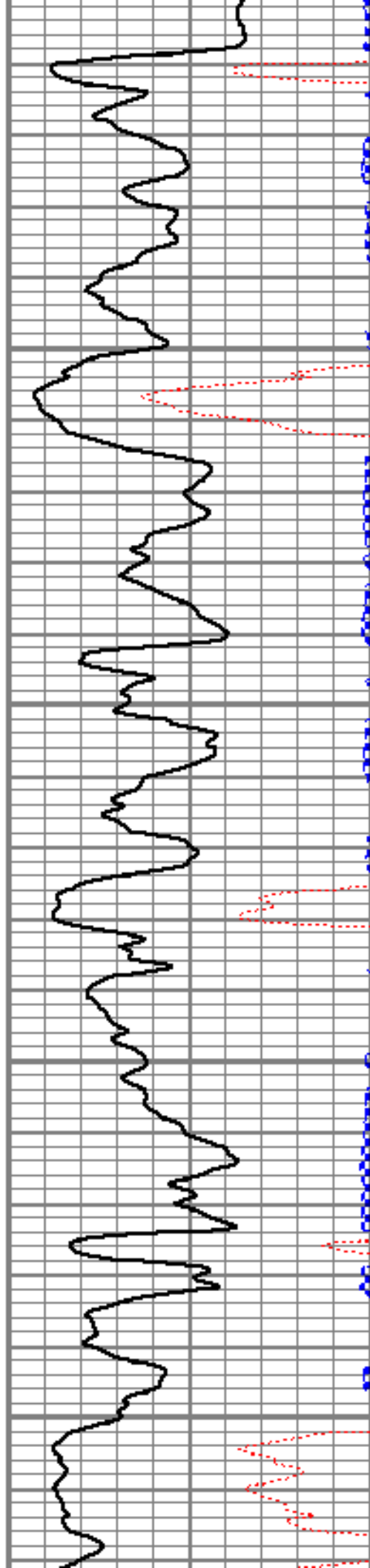


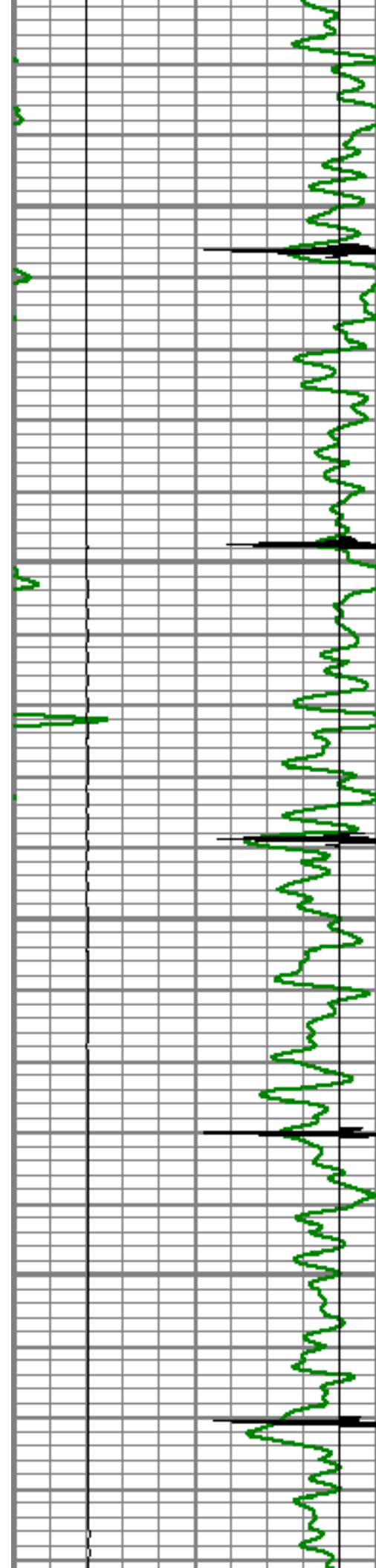
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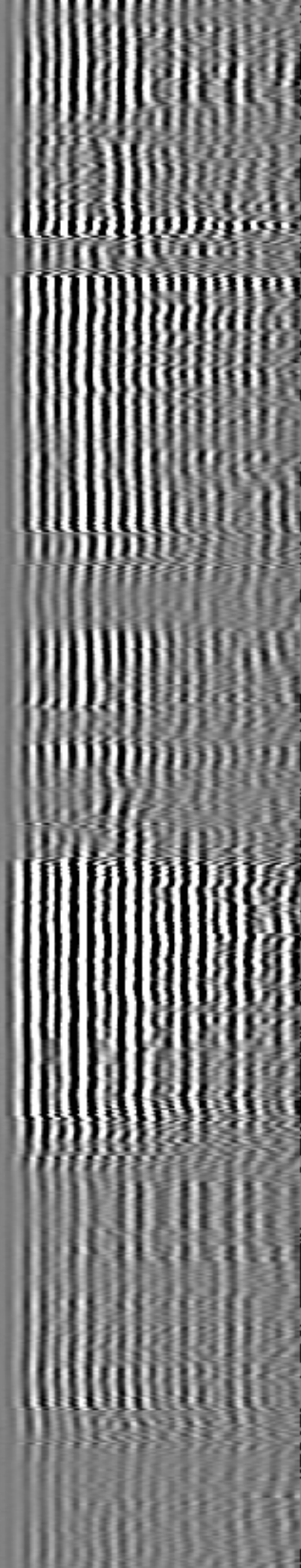
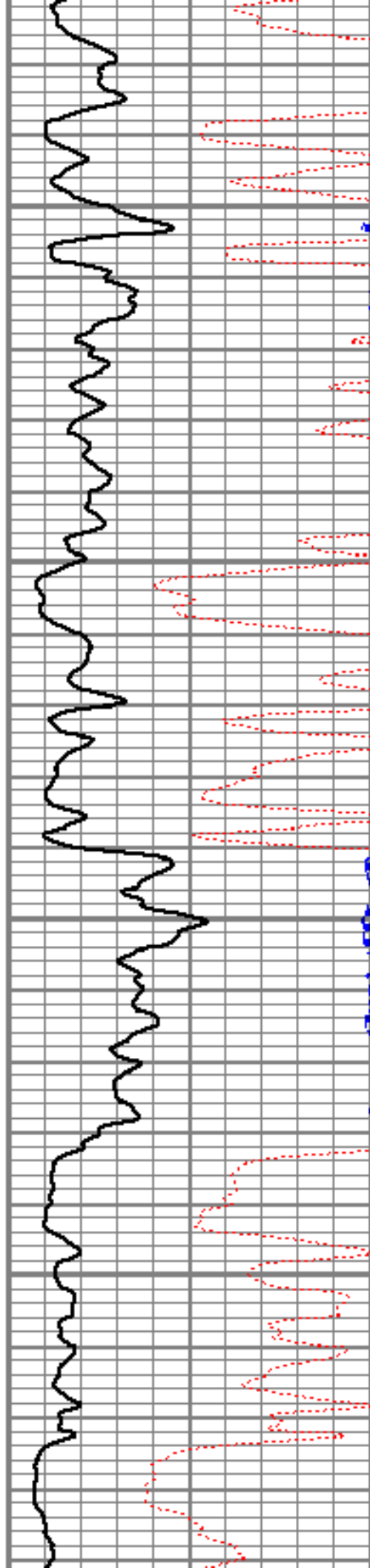


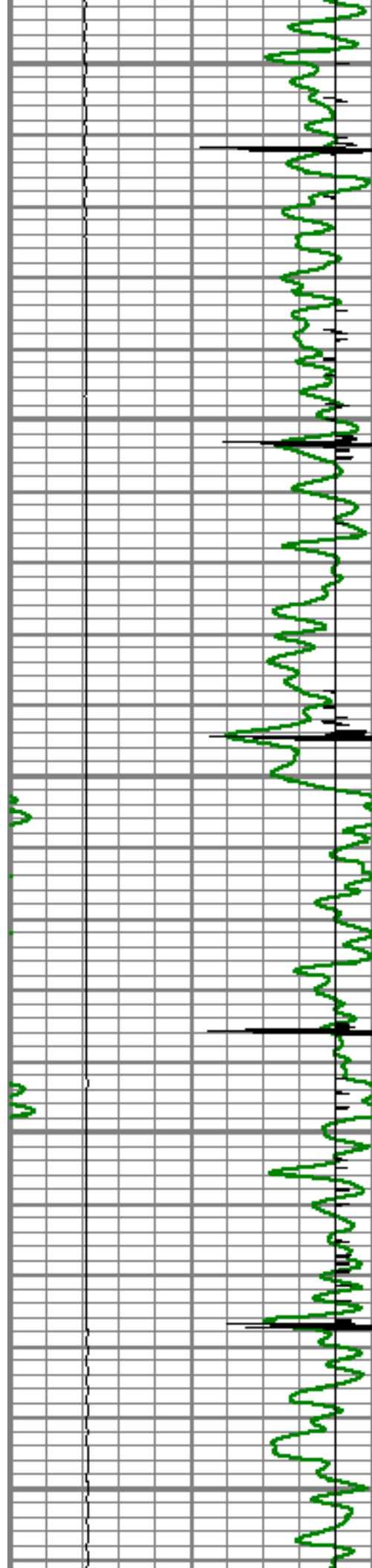
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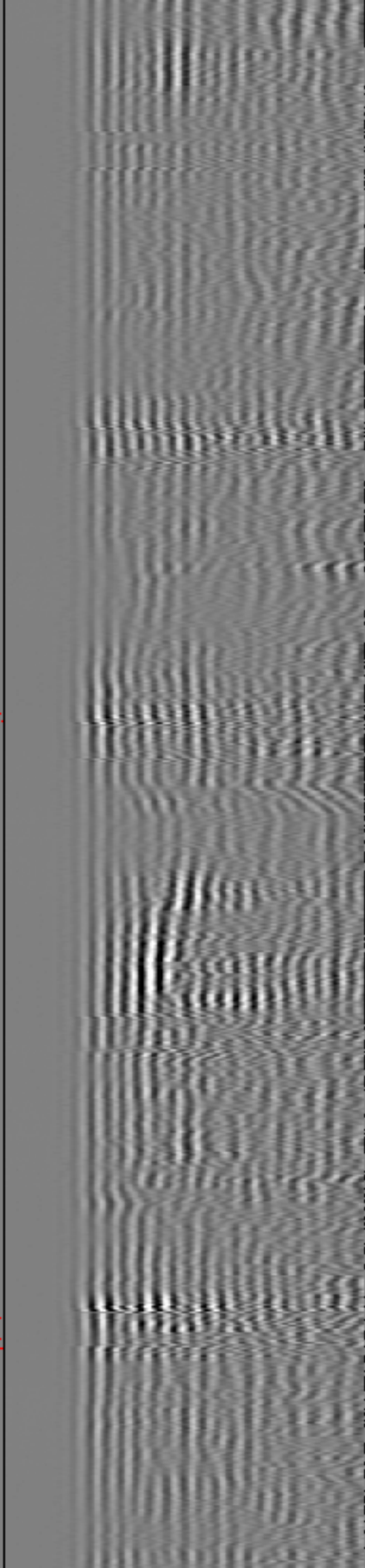
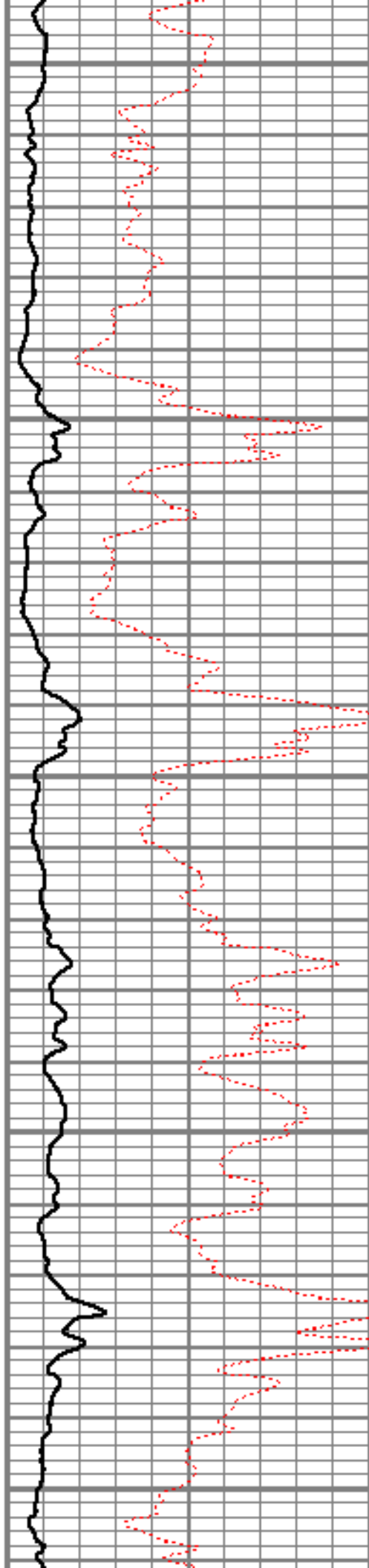
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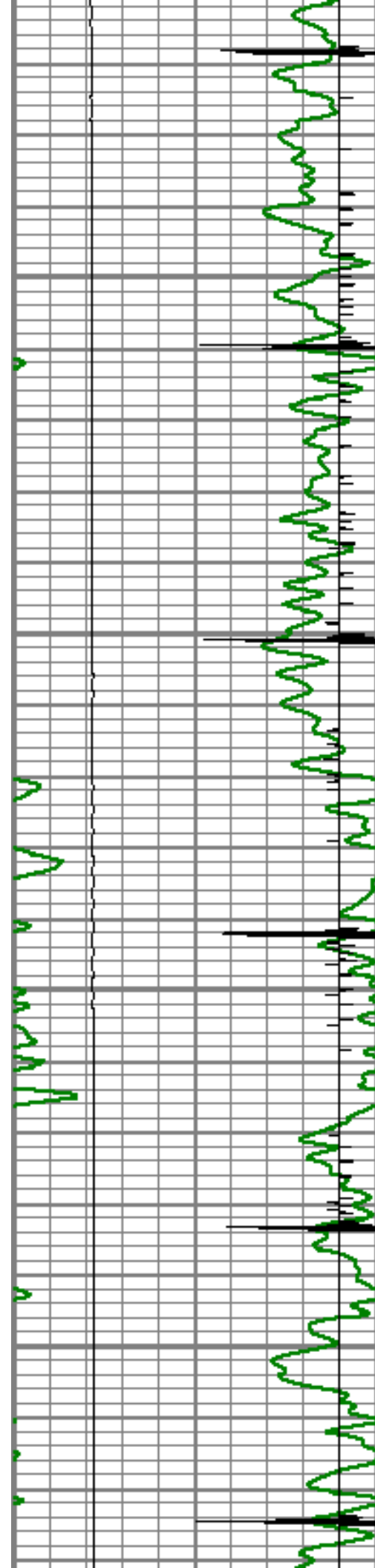
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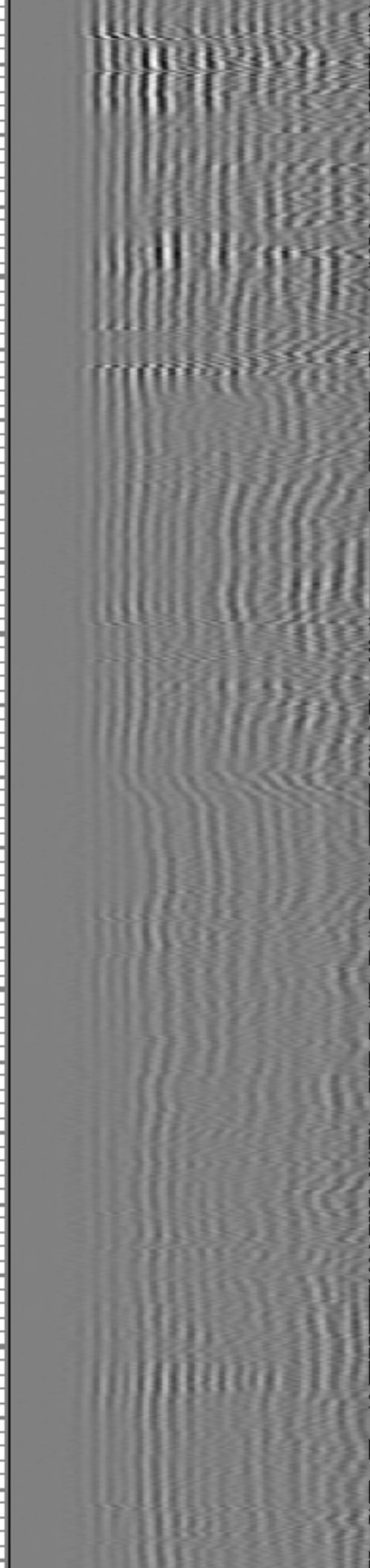
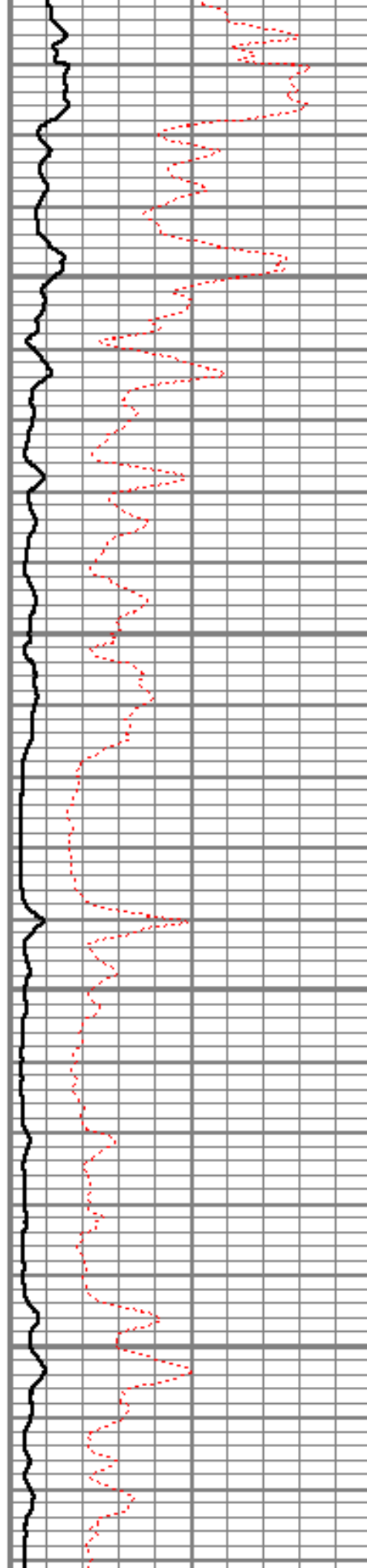


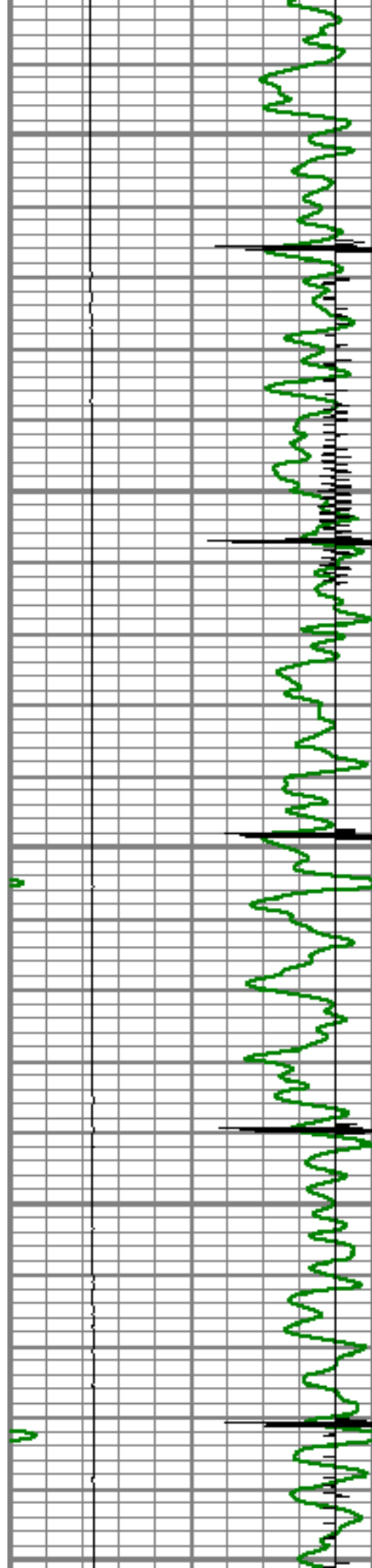
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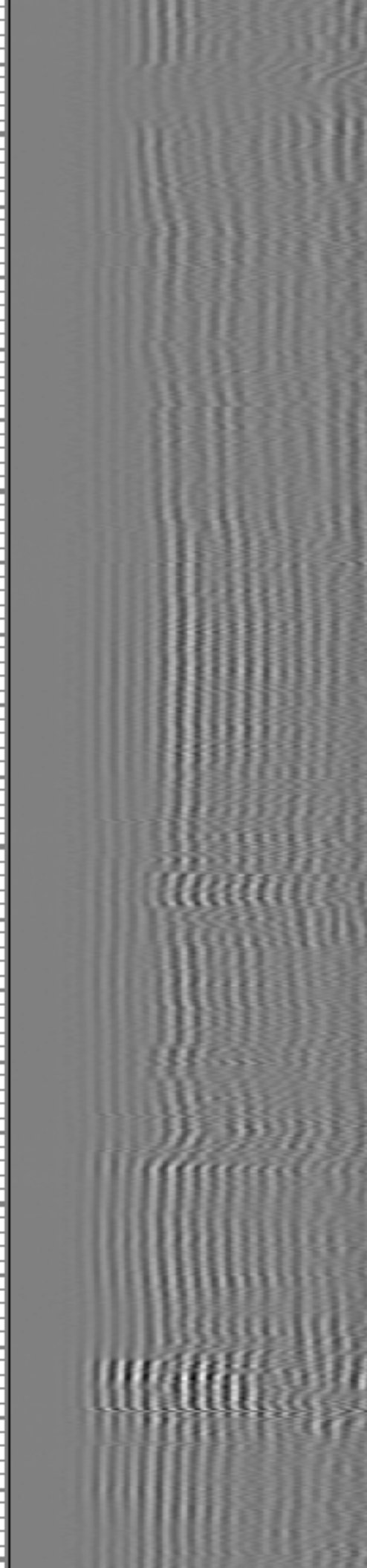
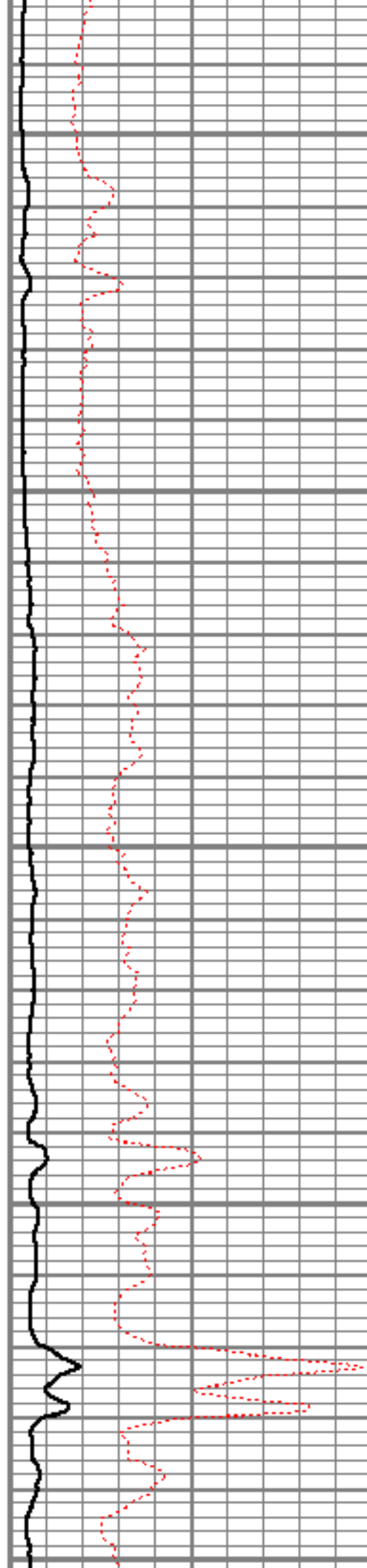
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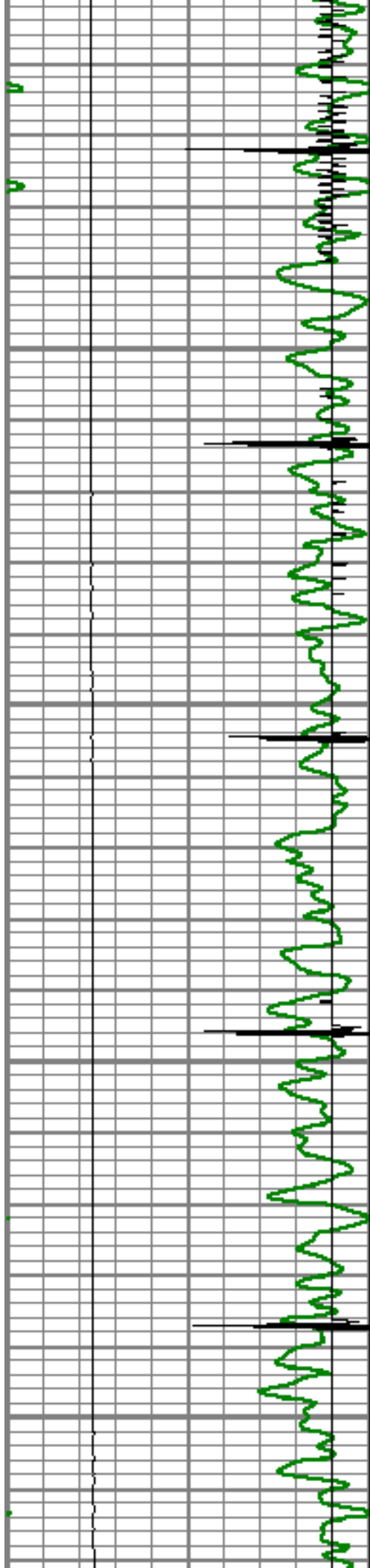
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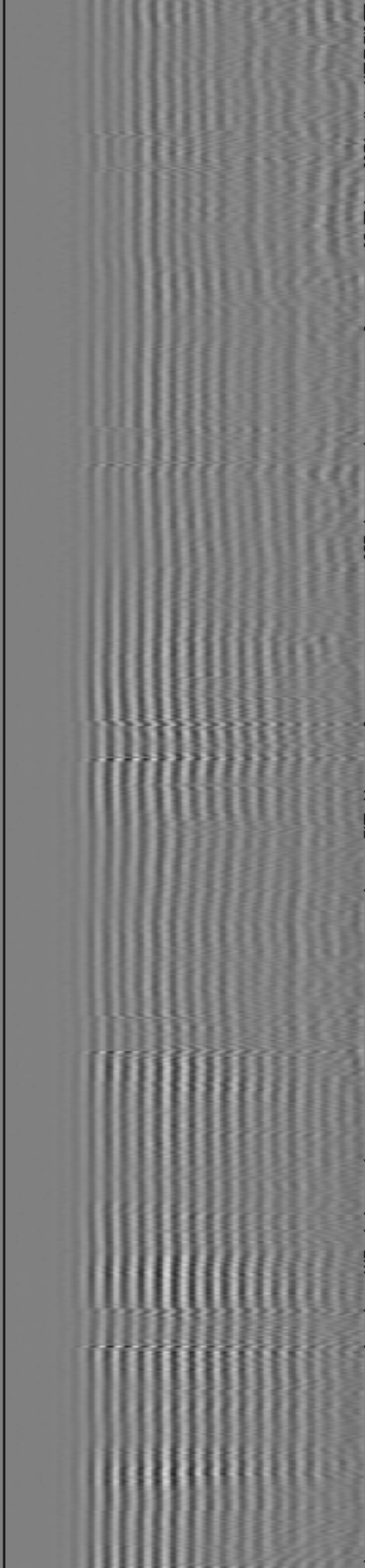
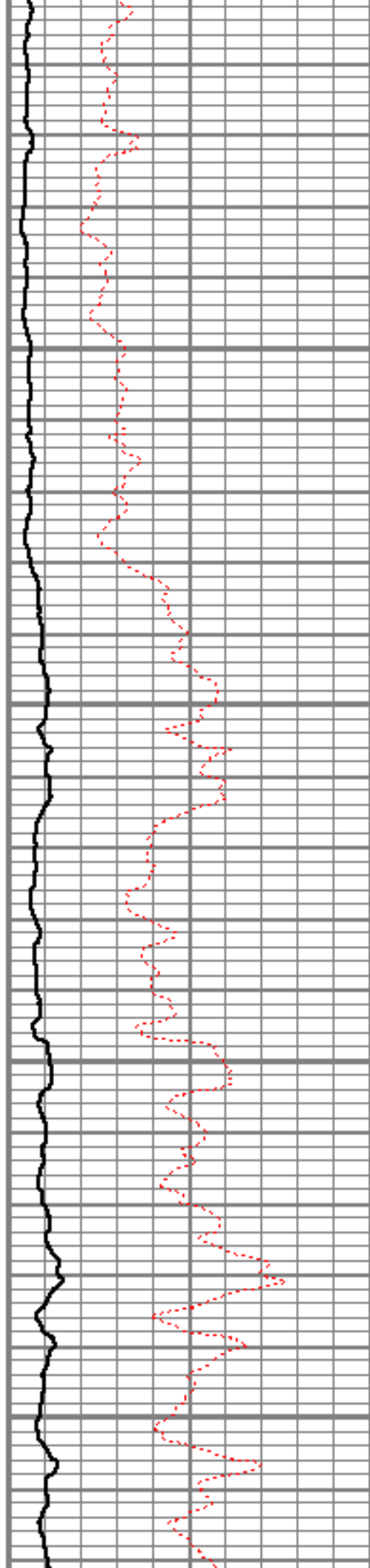


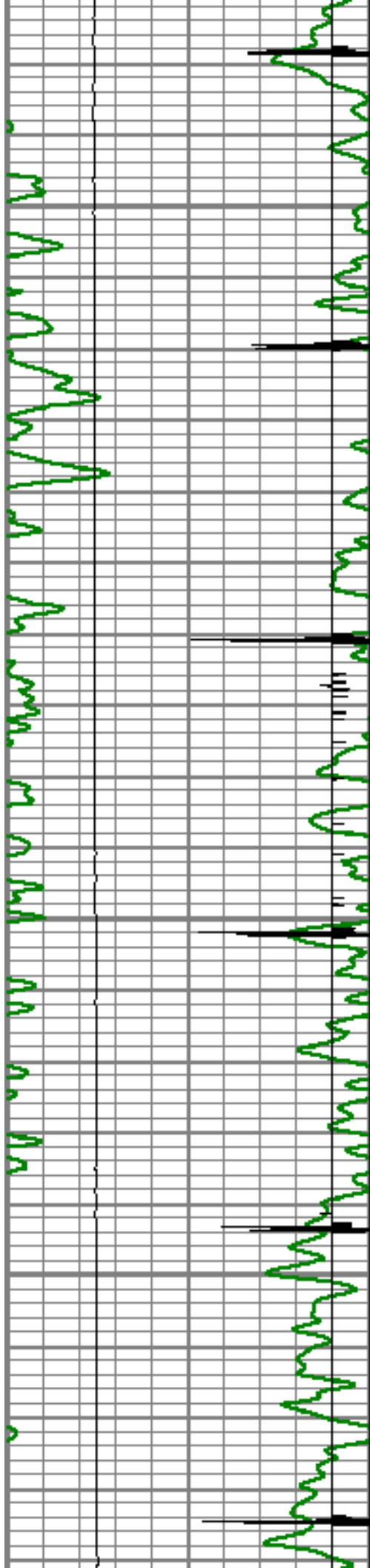
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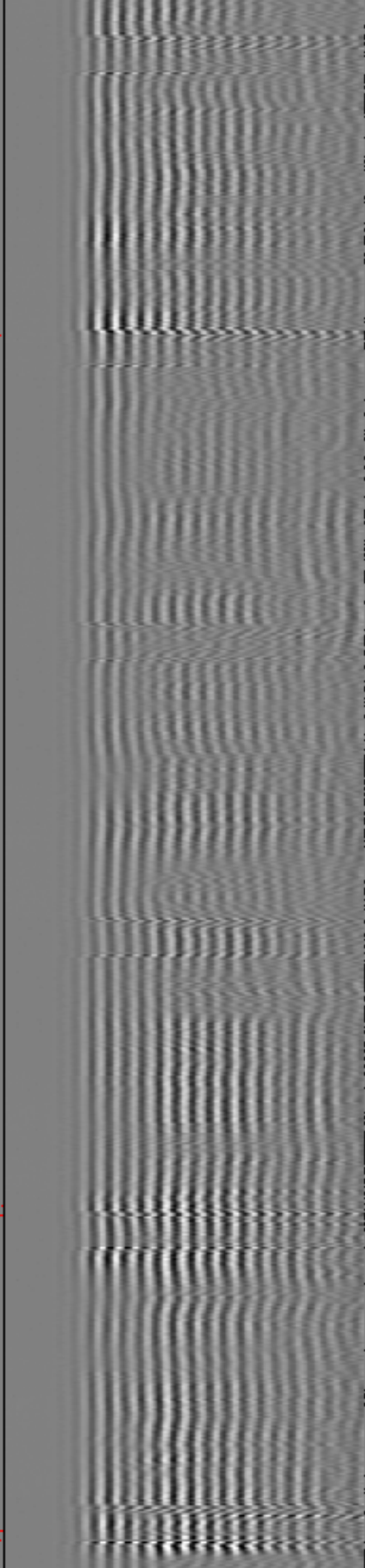
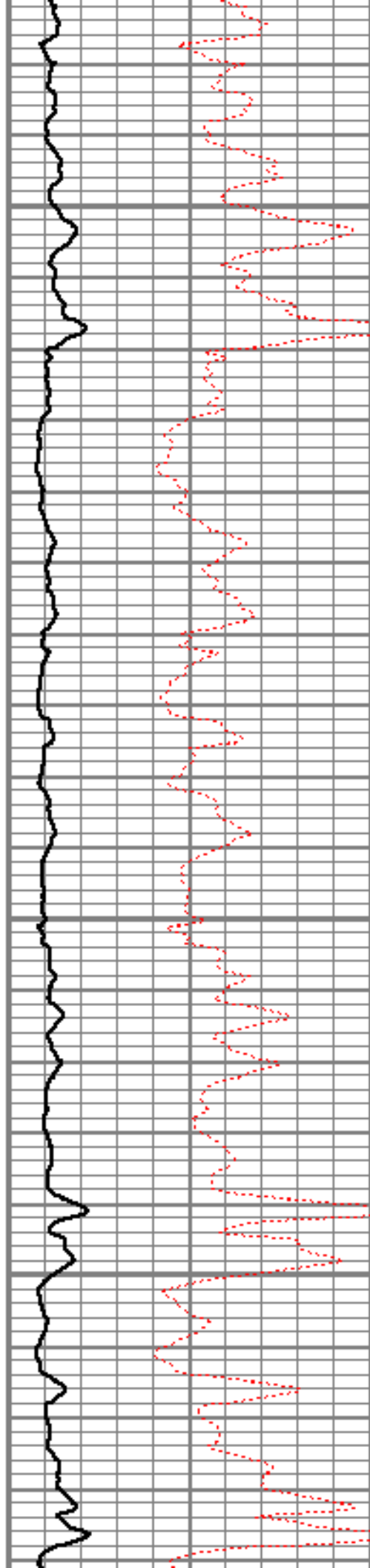


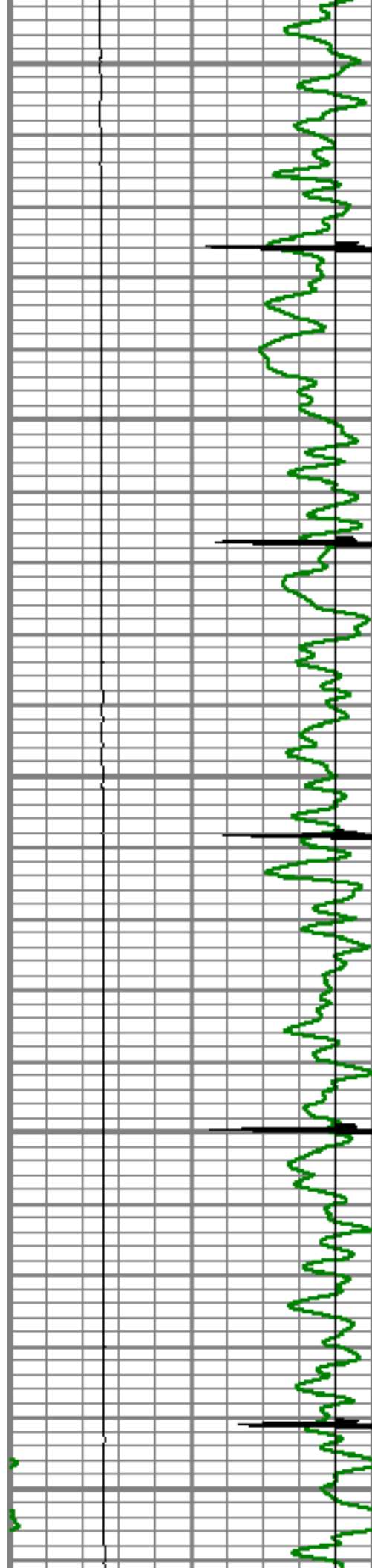
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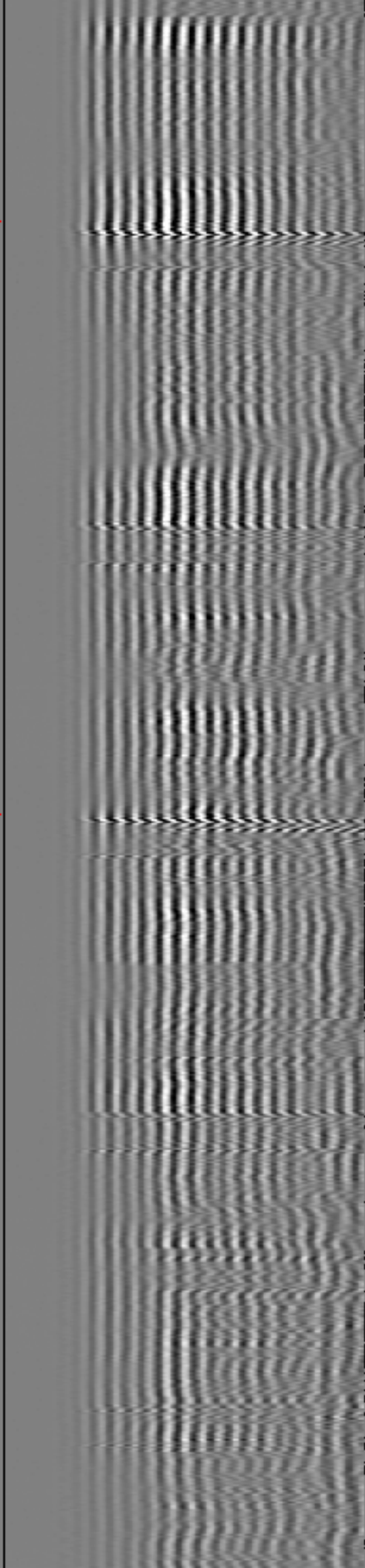
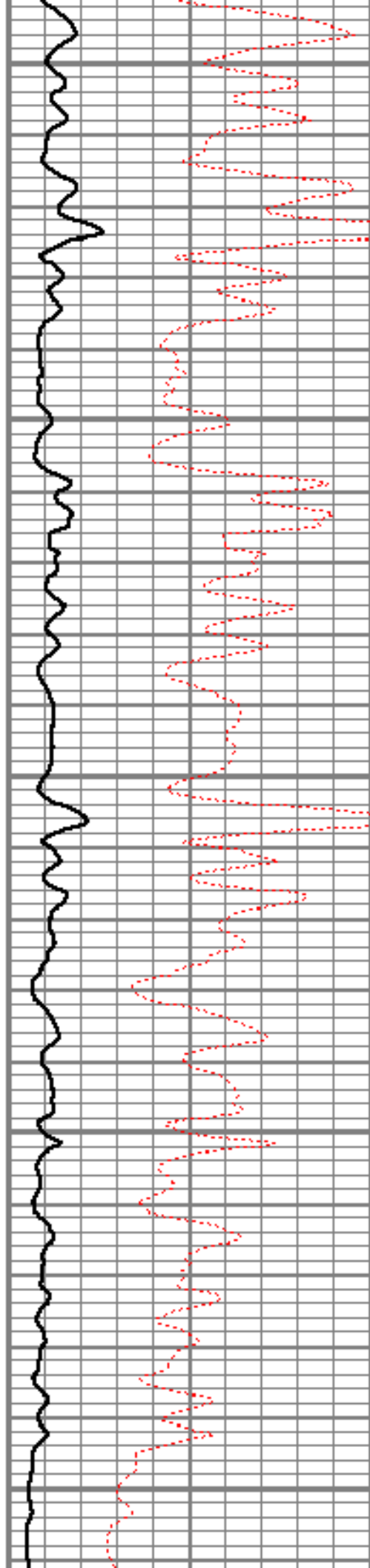
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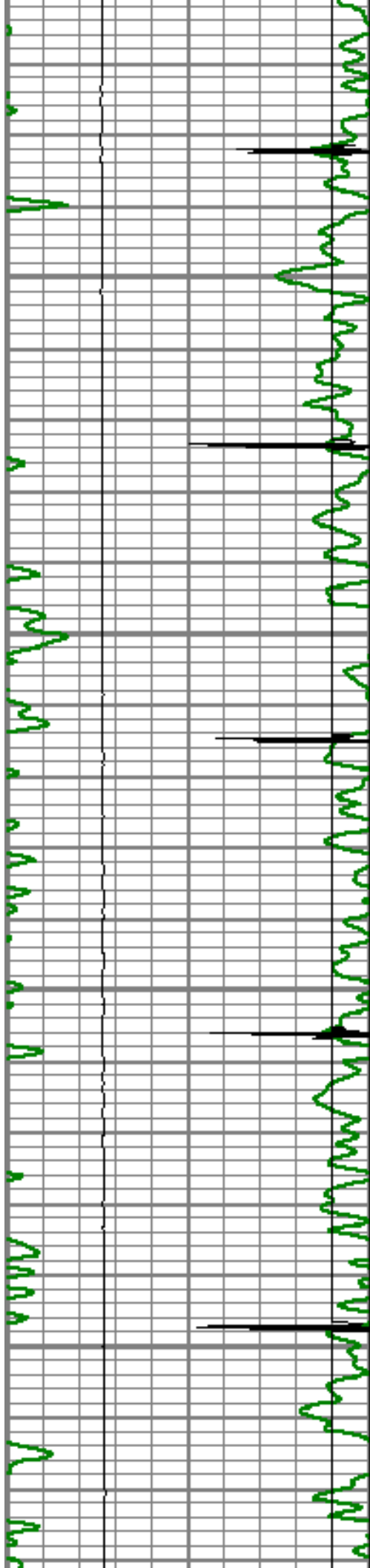
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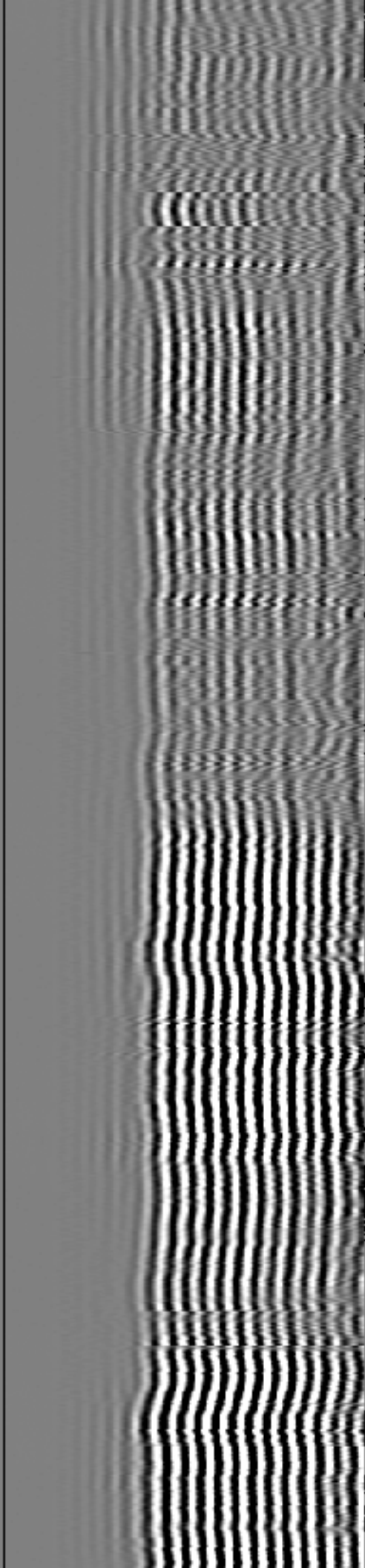
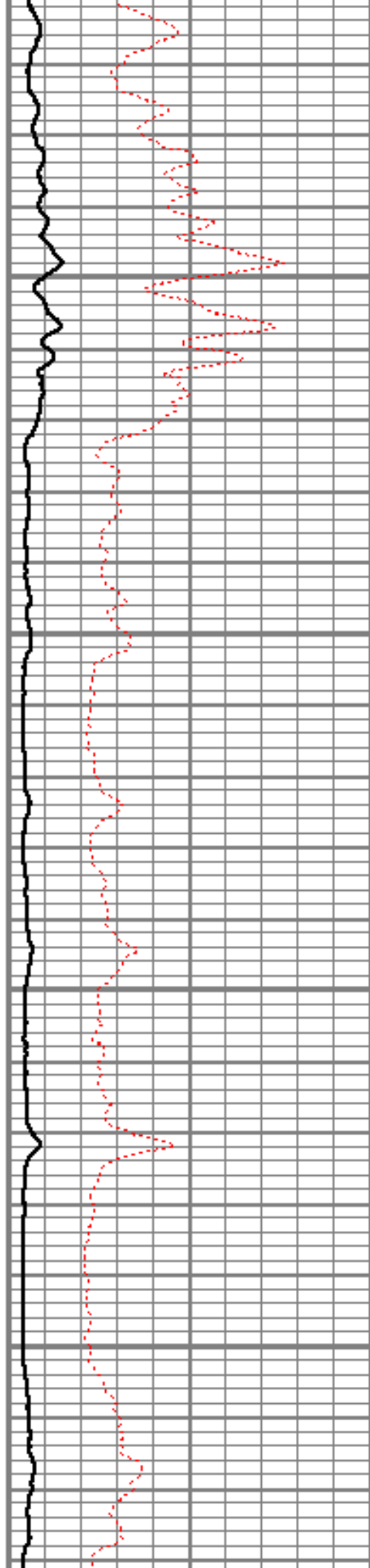


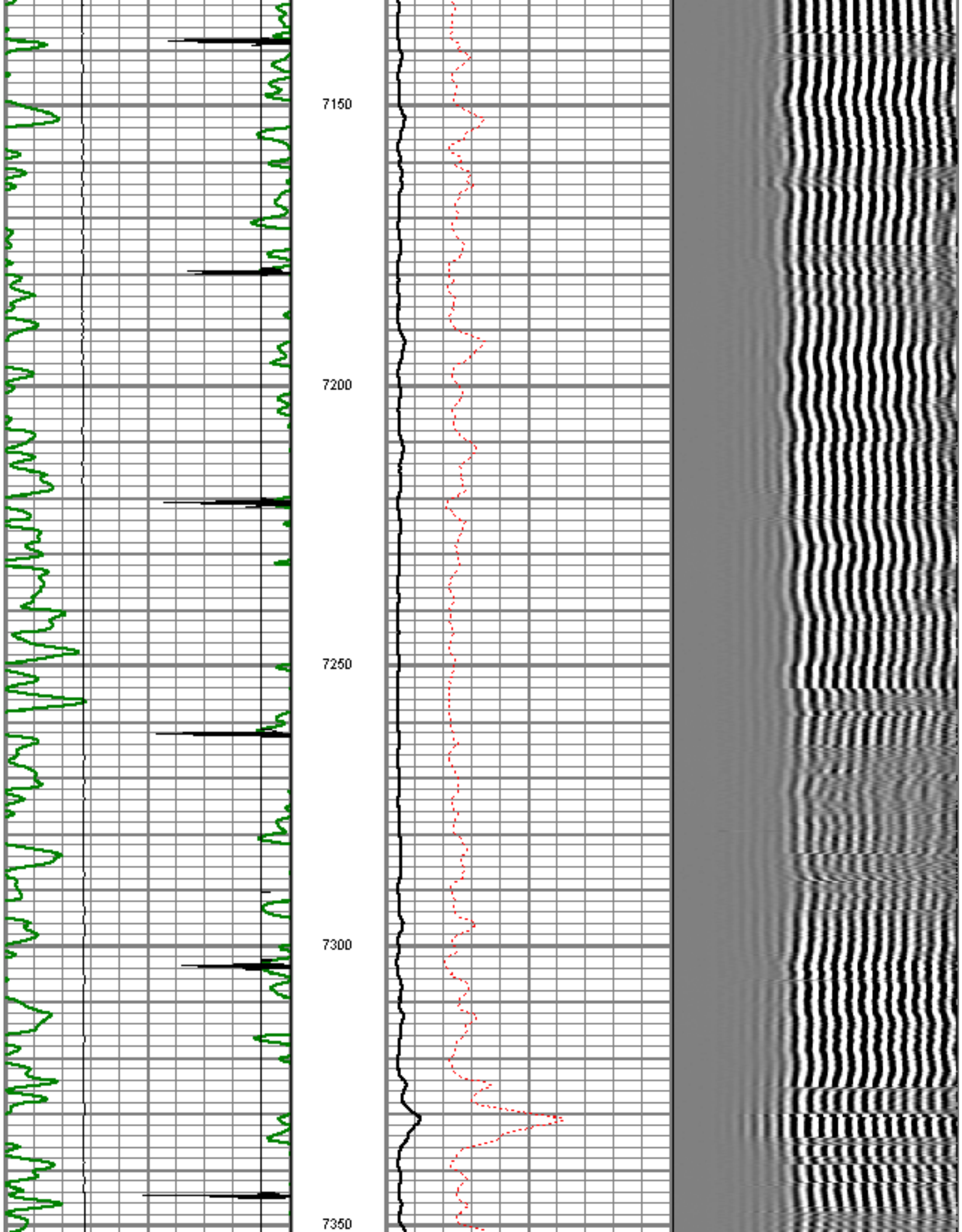
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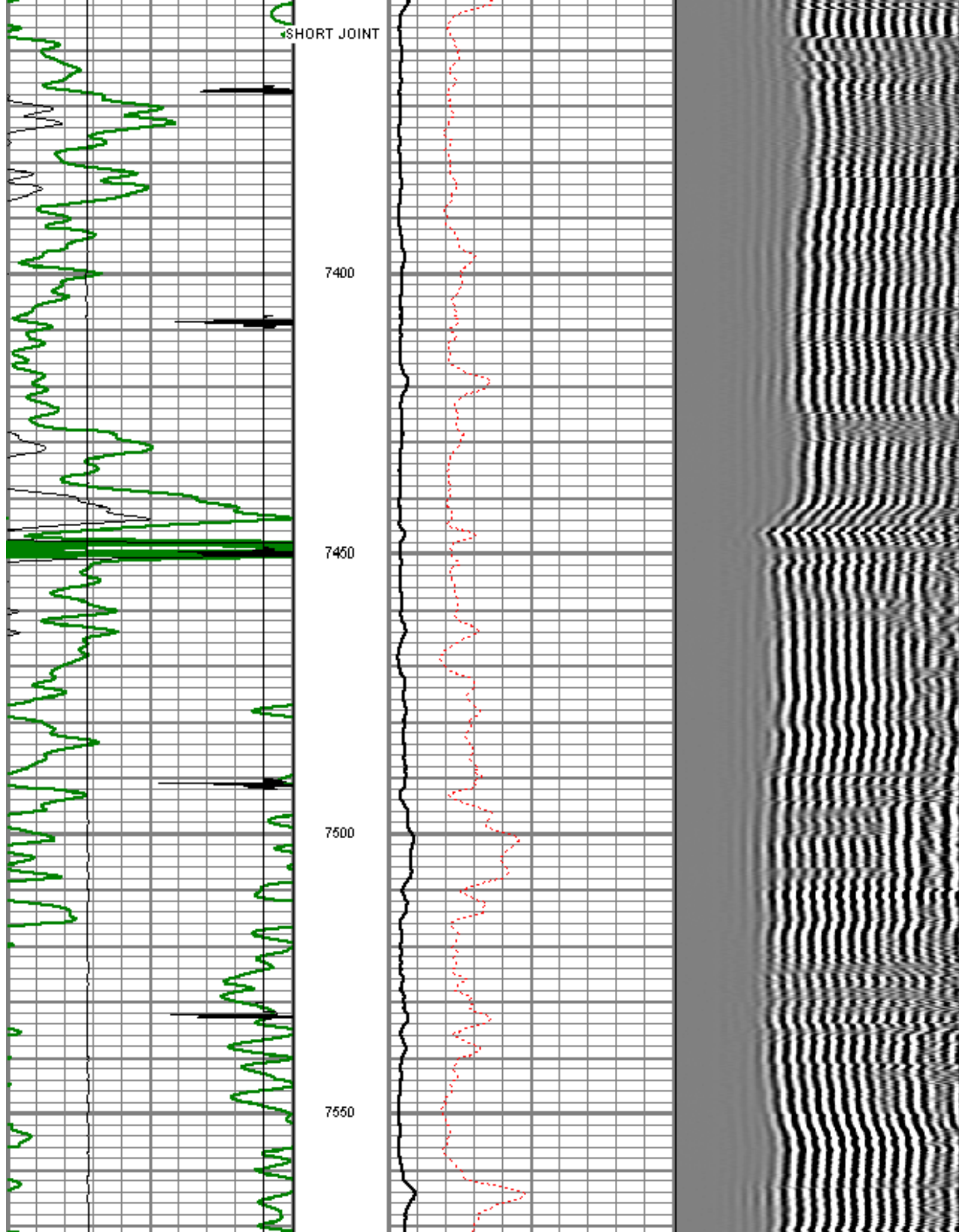
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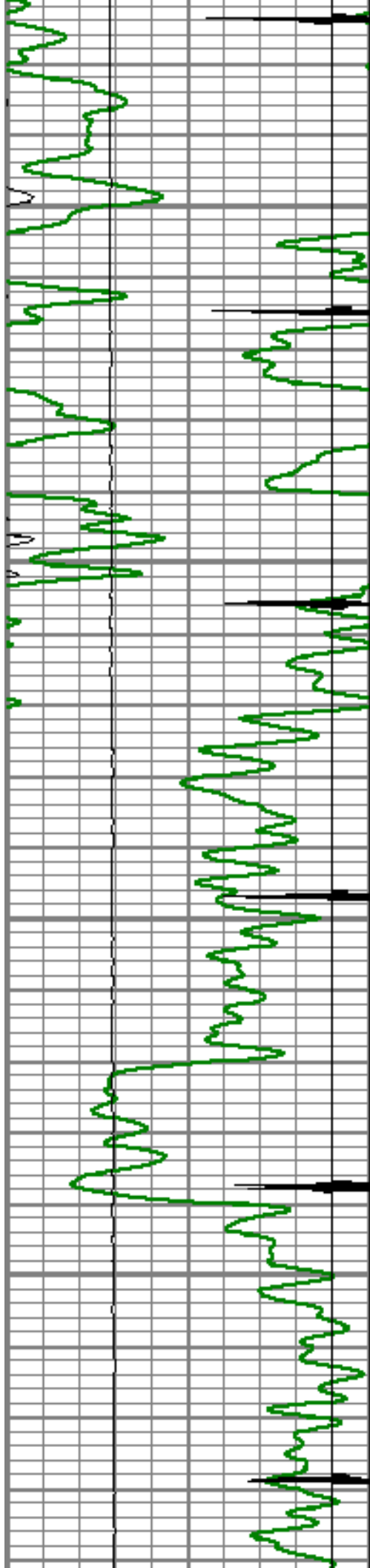
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7500

7550



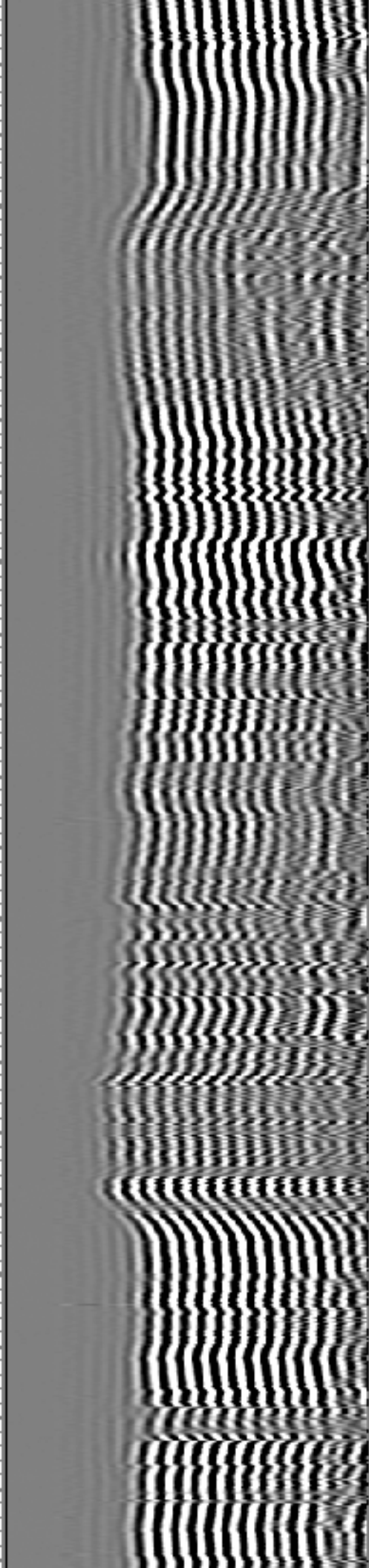
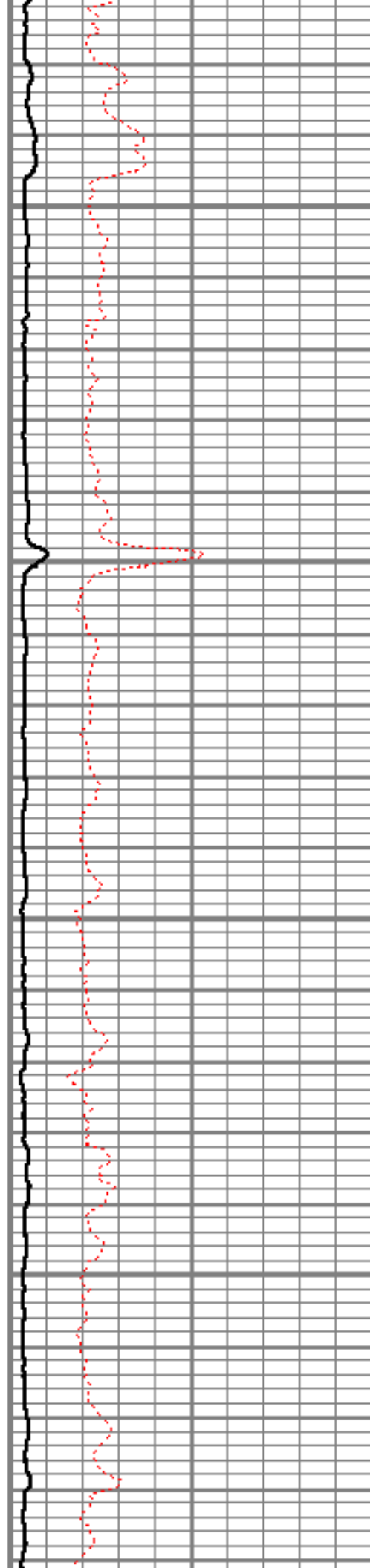


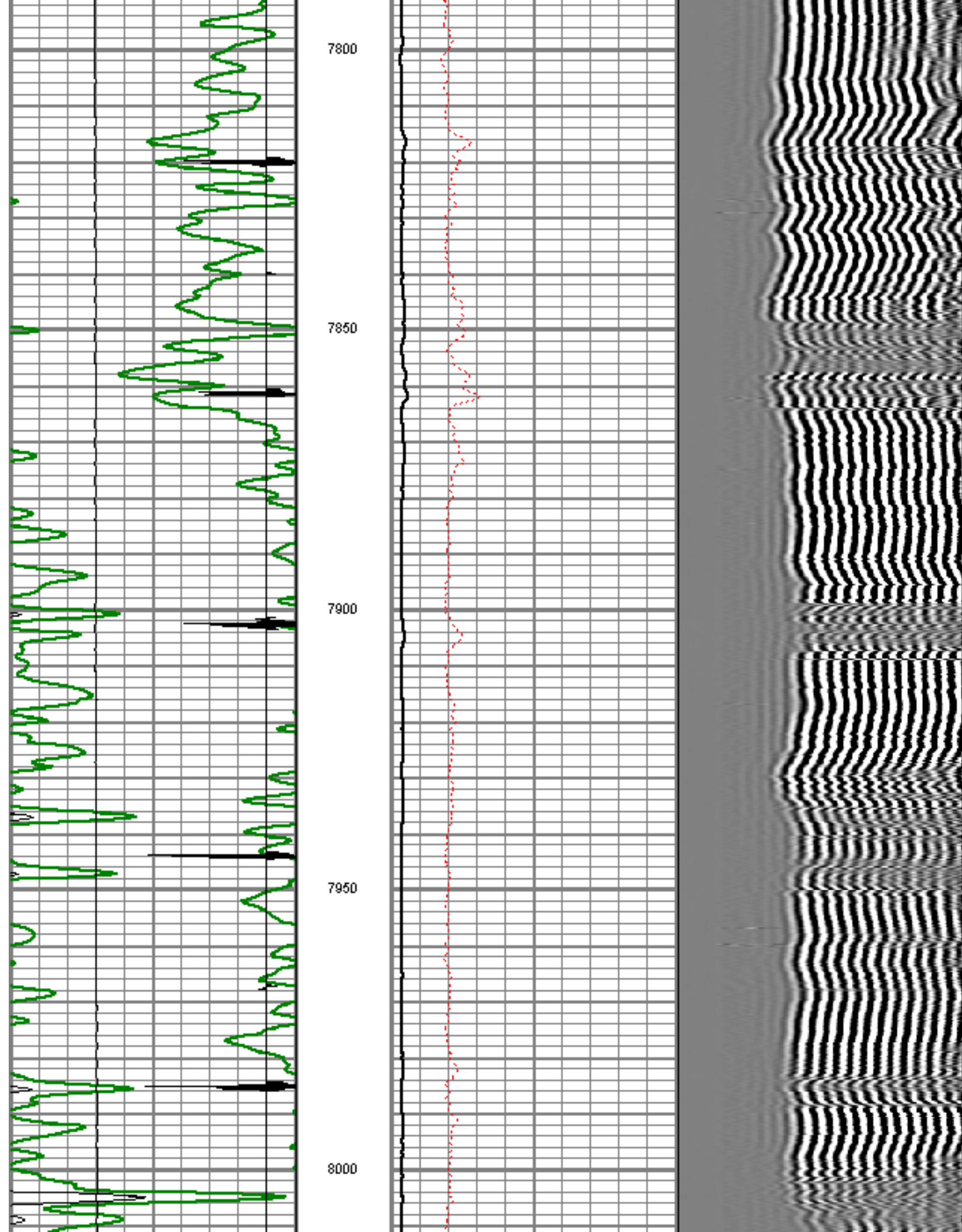
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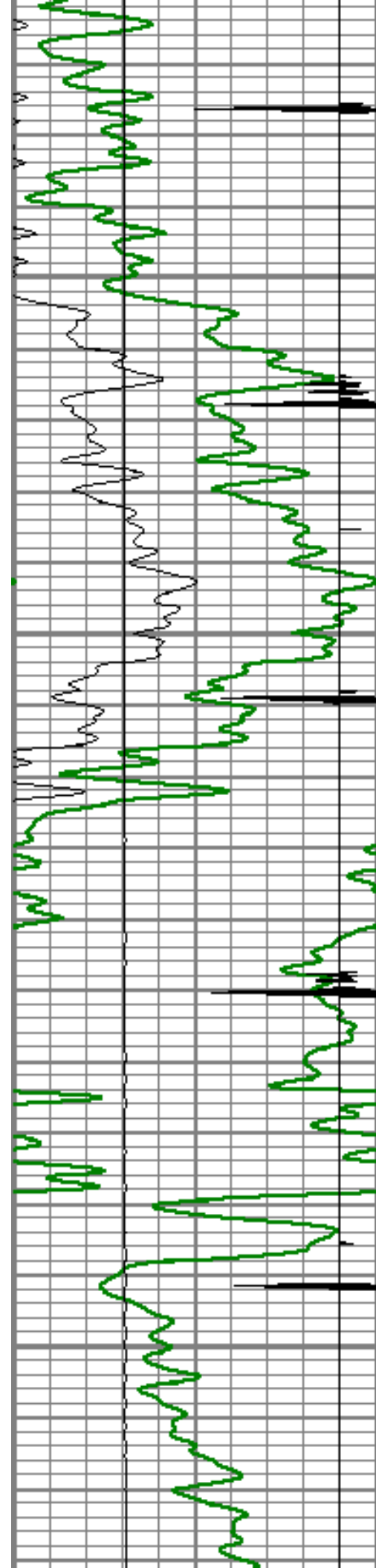
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7700

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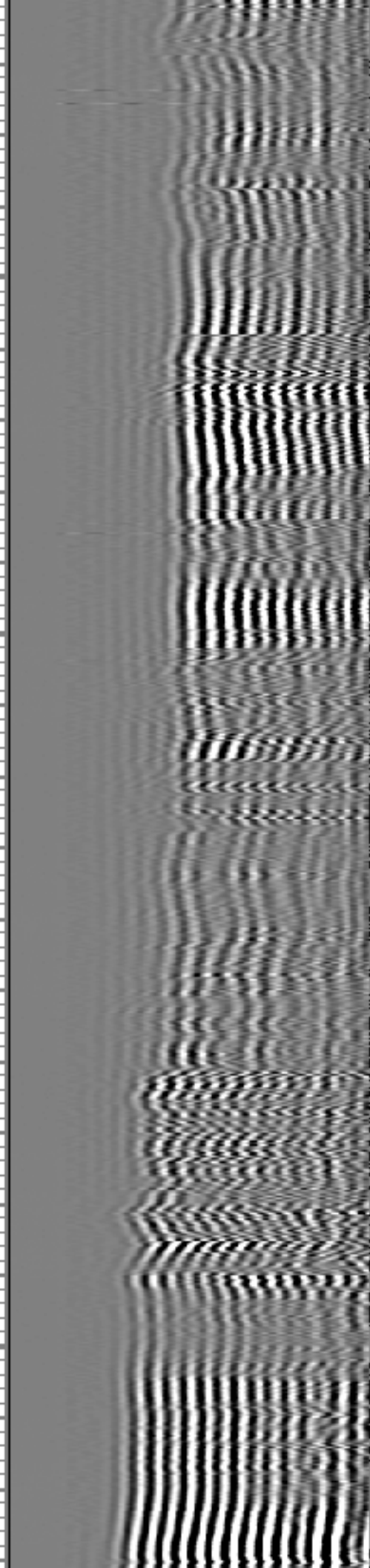
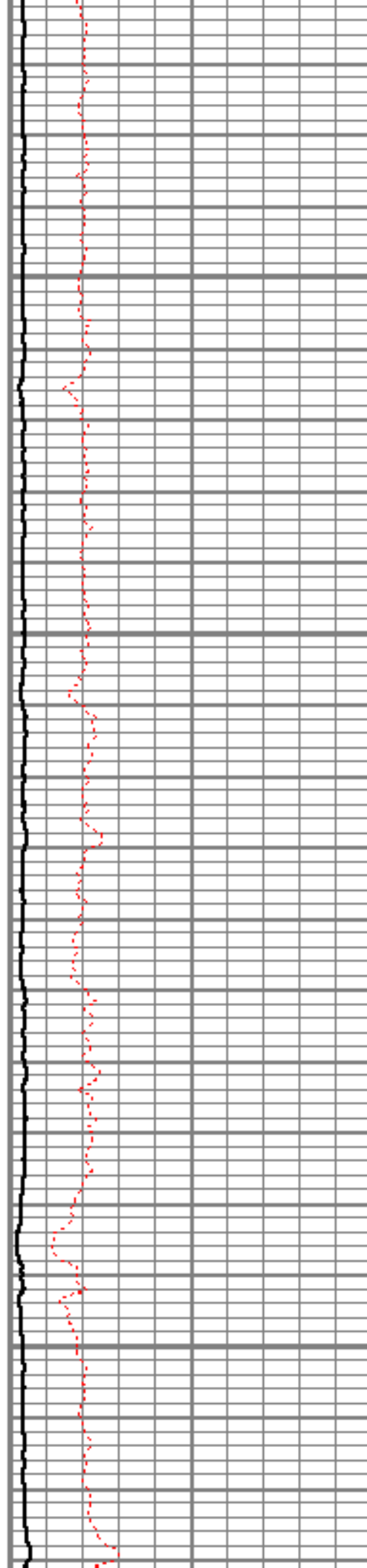


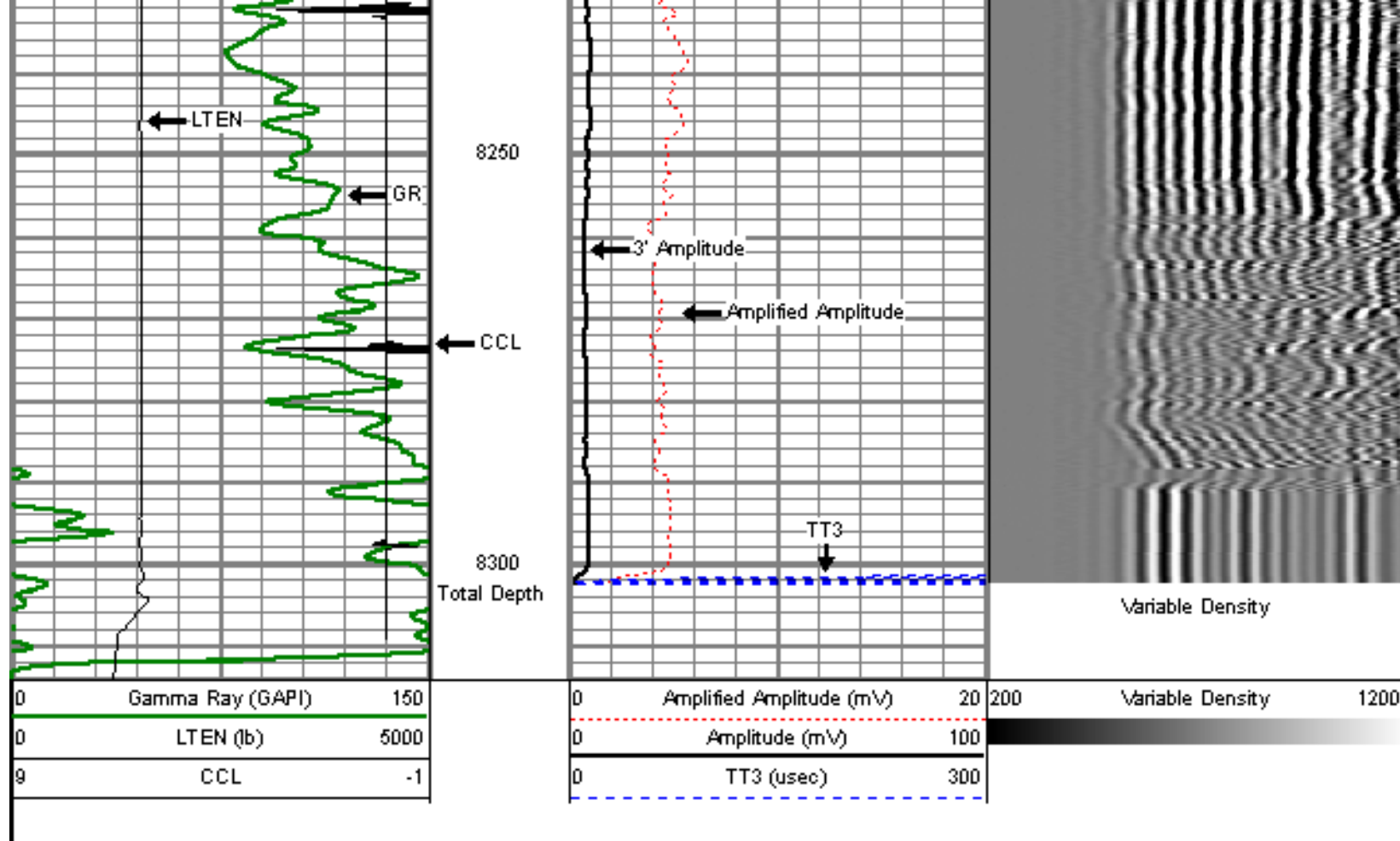
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8100

8150

8200

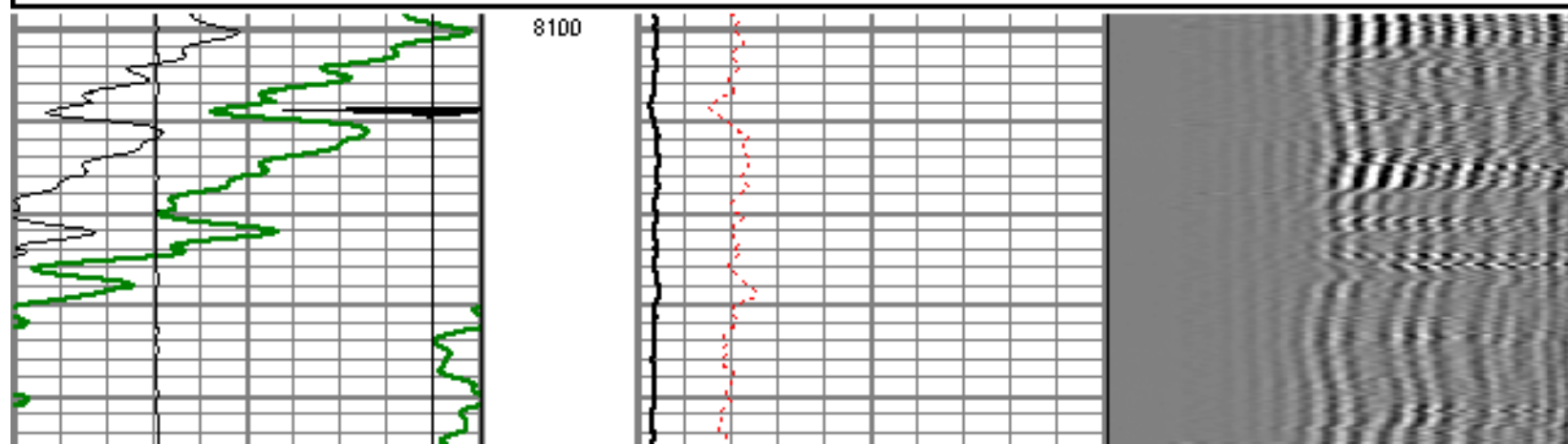
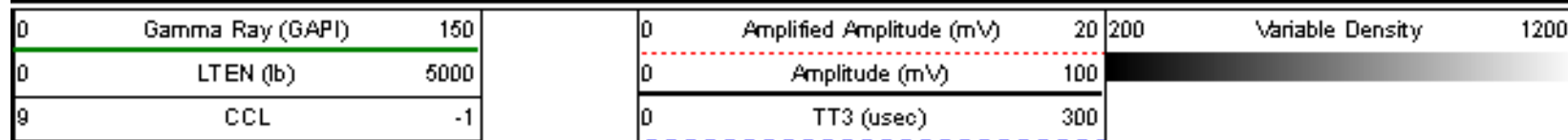


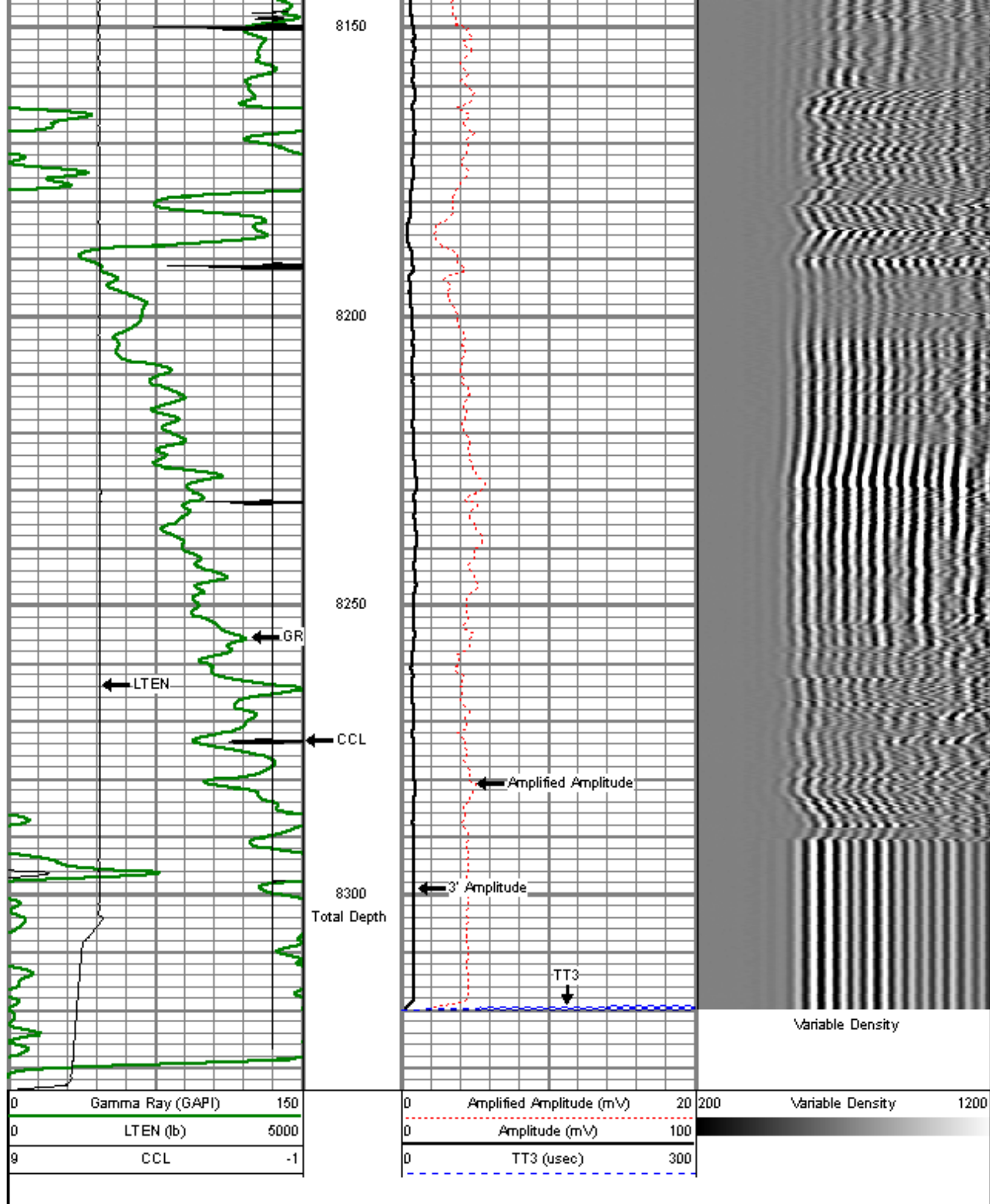


BOTTOM REPEAT PASS

5" = 100'

Database File: billings 41-34.db
 Dataset Pathname: pass4
 Presentation Format: dcbl_prb
 Dataset Creation: Mon May 23 07:25:23 2011 by Log SCH 110223
 Charted by: Depth in Feet scaled 1:240







Company	ENCANA OIL & GAS (USA) INC.
Well	BILLINGS 41-34
Field	SPINDLE
County	WELD
State	COLORADO