



CEMENT BOND
LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC
Well	KAWAKAMI 4-0-35
Field	WATTENBERG
County	WELD
State	COLORADO
Company ENCANA OIL & GAS (USA) INC	
Well KAWAKAMI 4-0-35	
Field WATTENBERG	
County WELD State COLORADO	
Location:	API # : 05-123-34696-0000
SHL: 413' FNL & 1933' FEL	
BHL: 50' FNL & 2520' FEL	
SEC: 35 TWP: 3N RGE: 67W	
Permanent Datum	GROUND LEVEL
Log Measured From	KELLY BUSHING = 13'
Drilling Measured From	KELLY BUSHING
Elevation	K.B. 4829'
	D.F. 4828'
	G.L. 4816'

Date	5 FEBRUARY 2013						
Run Number	ONE						
Depth Driller	7976'						
Depth Logger	7949'						
Bottom Logged Interval	7949'						
Top Log Interval	2500'						
Open Hole Size	7.875"						
Type Fluid	WATER						
Density / Viscosity	~8.3#						
Max. Recorded Temp.	261 DEG F						
Estimated Cement Top	2656'						
Time Well Ready	N/A						
Time Logger on Bottom	N/A						
Equipment Number	10501 PRD01						
Location	AULT. CO						
Recorded By	Z. EMICK						
Witnessed By	T. MAJORS						
Borehole Record							
Run Number	Bit	From	To	Size	Tubing Record		
ONE	12.25"	0'	800'		Weight	From	To
TWO	7.875"	800'	7990'				
Casing Record							
Surface String	Size	Wgt/Ft		Top		Bottom	
	8.625"	24#		0'		798'	
Prot. String							
Production String	4.5"	11.6#		0'		7976'	
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 LOG

SHORT JOINT: 7004' - 7025'

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



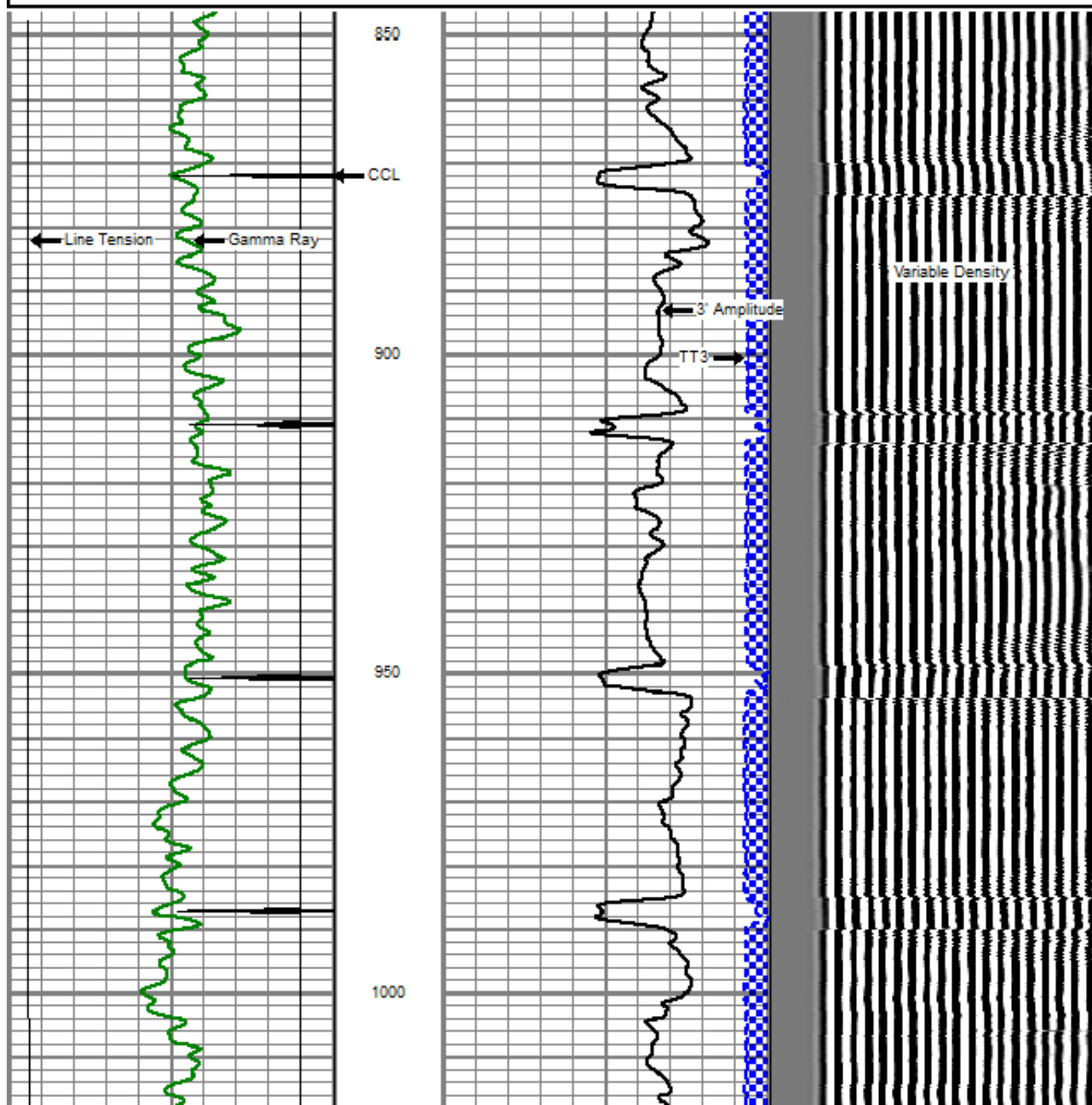
TOP PASS

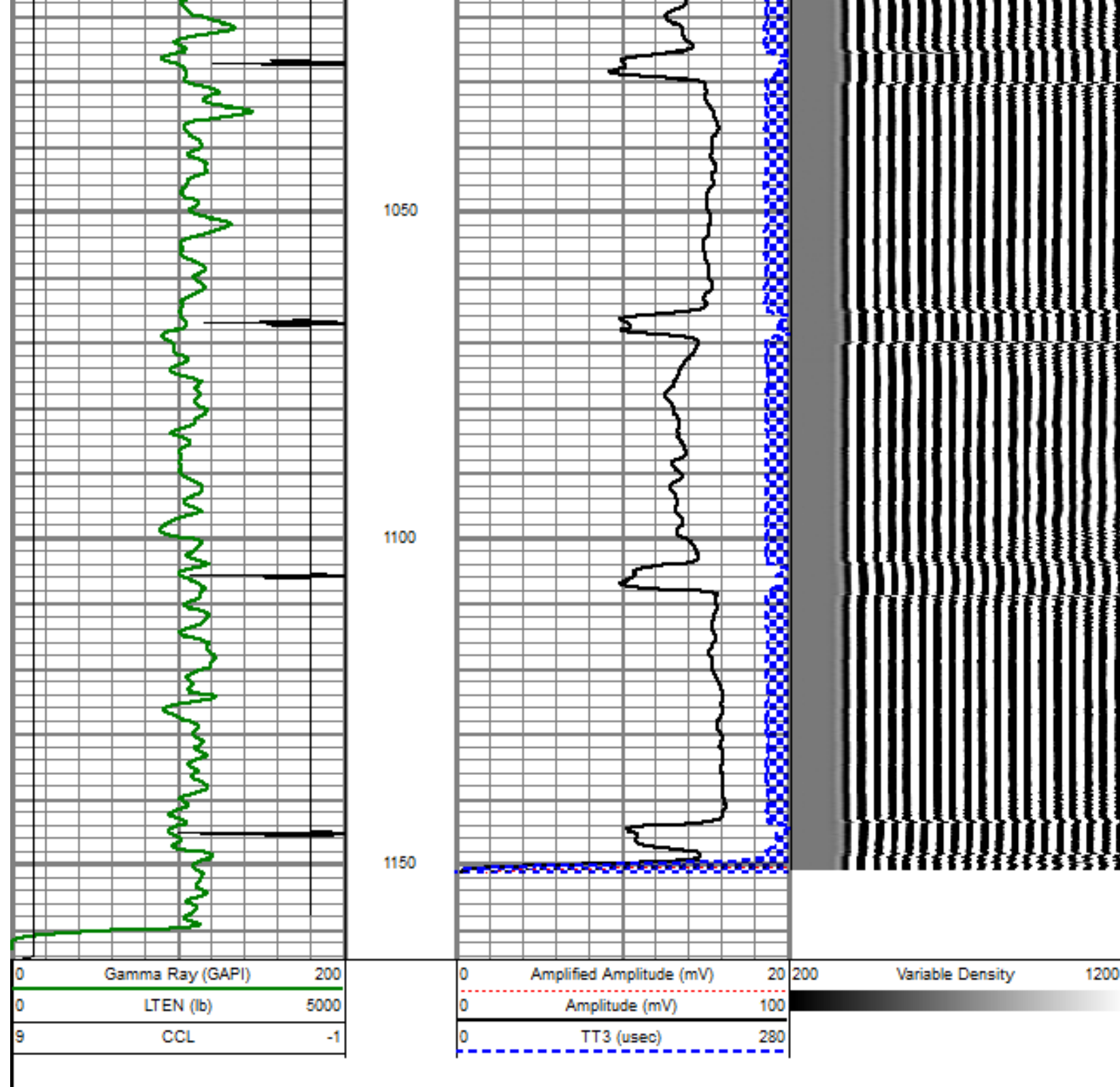
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Dataset Pathname: pass7.2
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Dataset Creation: Tue Feb 05 09:07:23 2013 by Calo SCH 110930
Charted by: Depth in Feet scaled 1:240

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

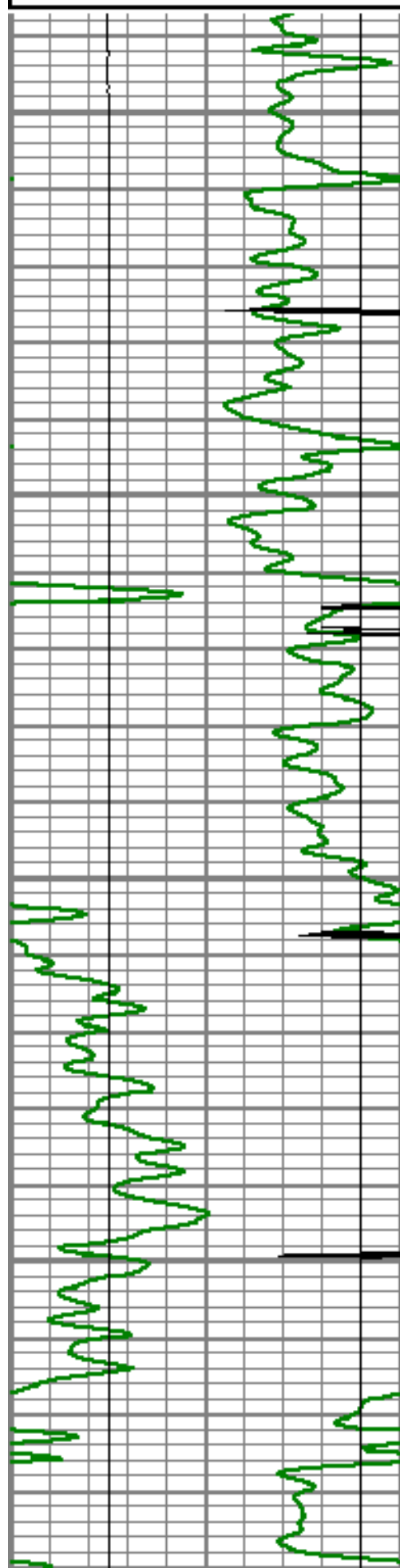
5" = 100'

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 Charted by: Depth in Feet scaled 1:240



0	LTEN (lb)	5000
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0	Amplitude (mV)	100
0	TT3 (usec)	280

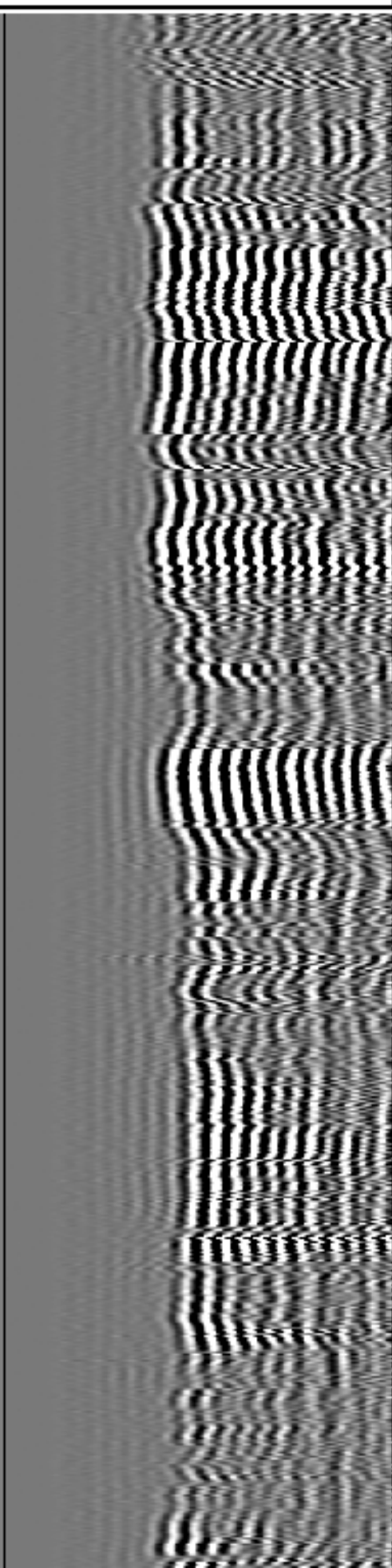
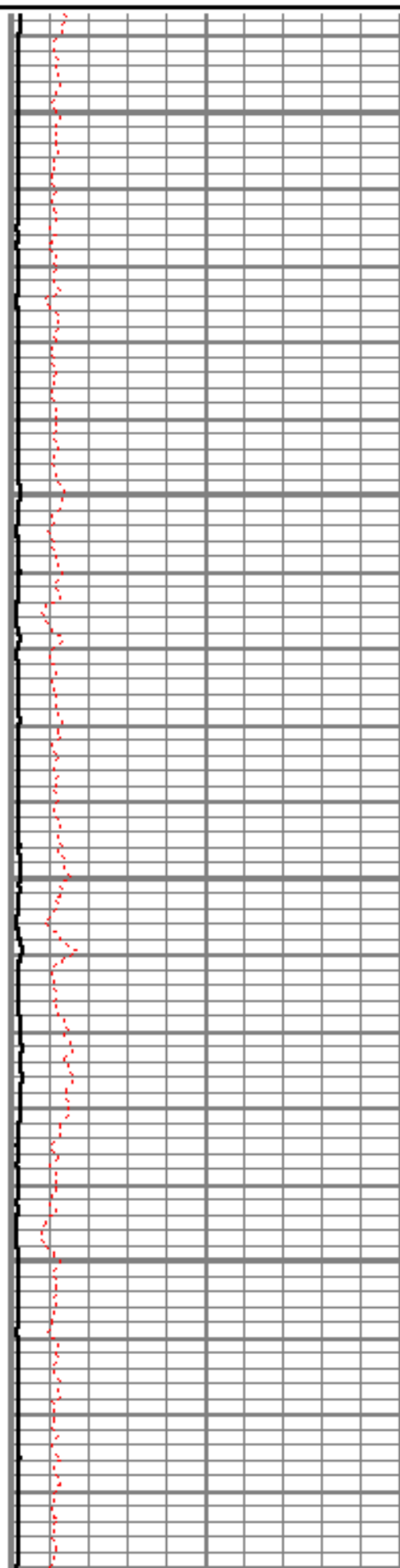


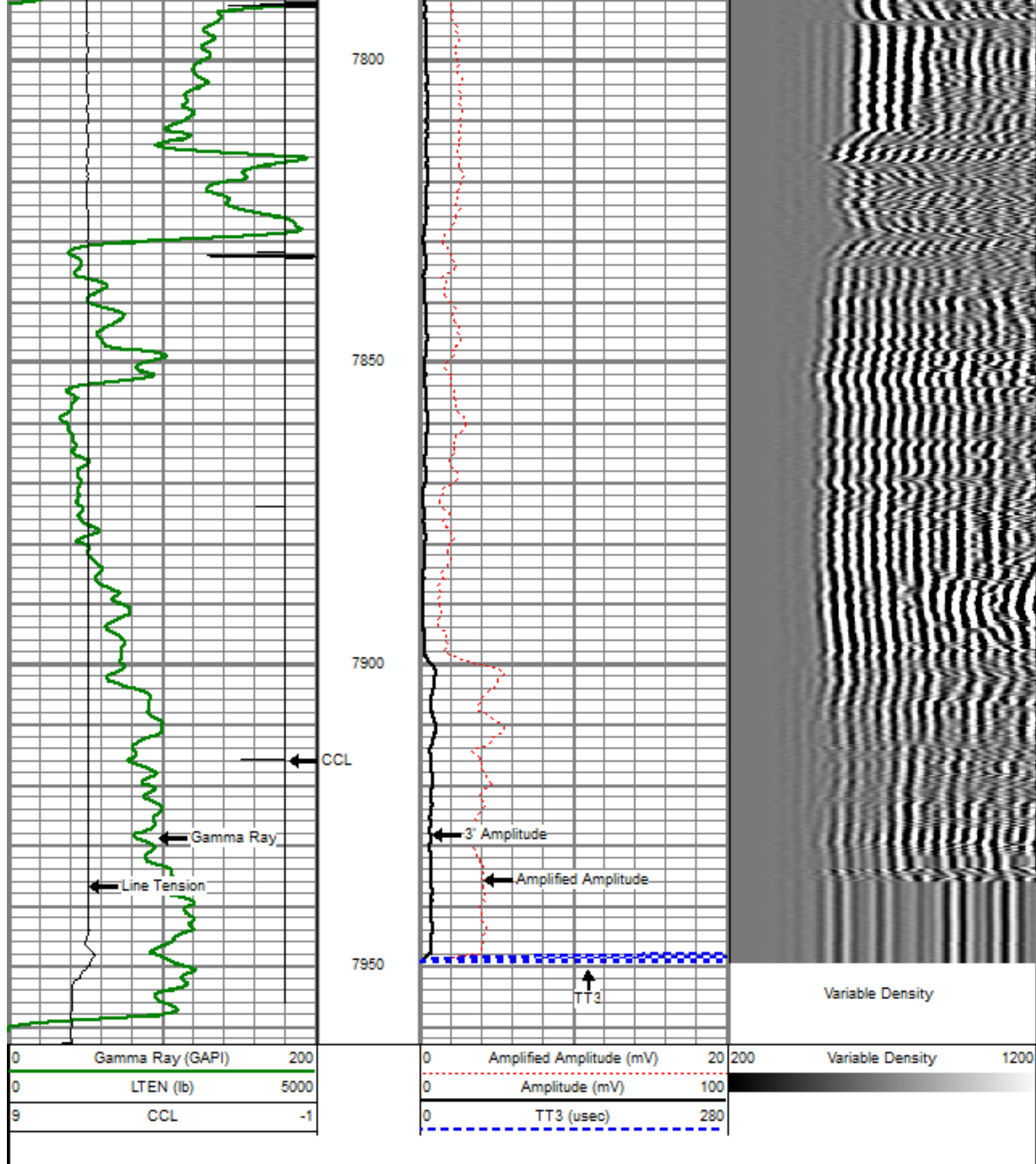
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7650

7700

7750



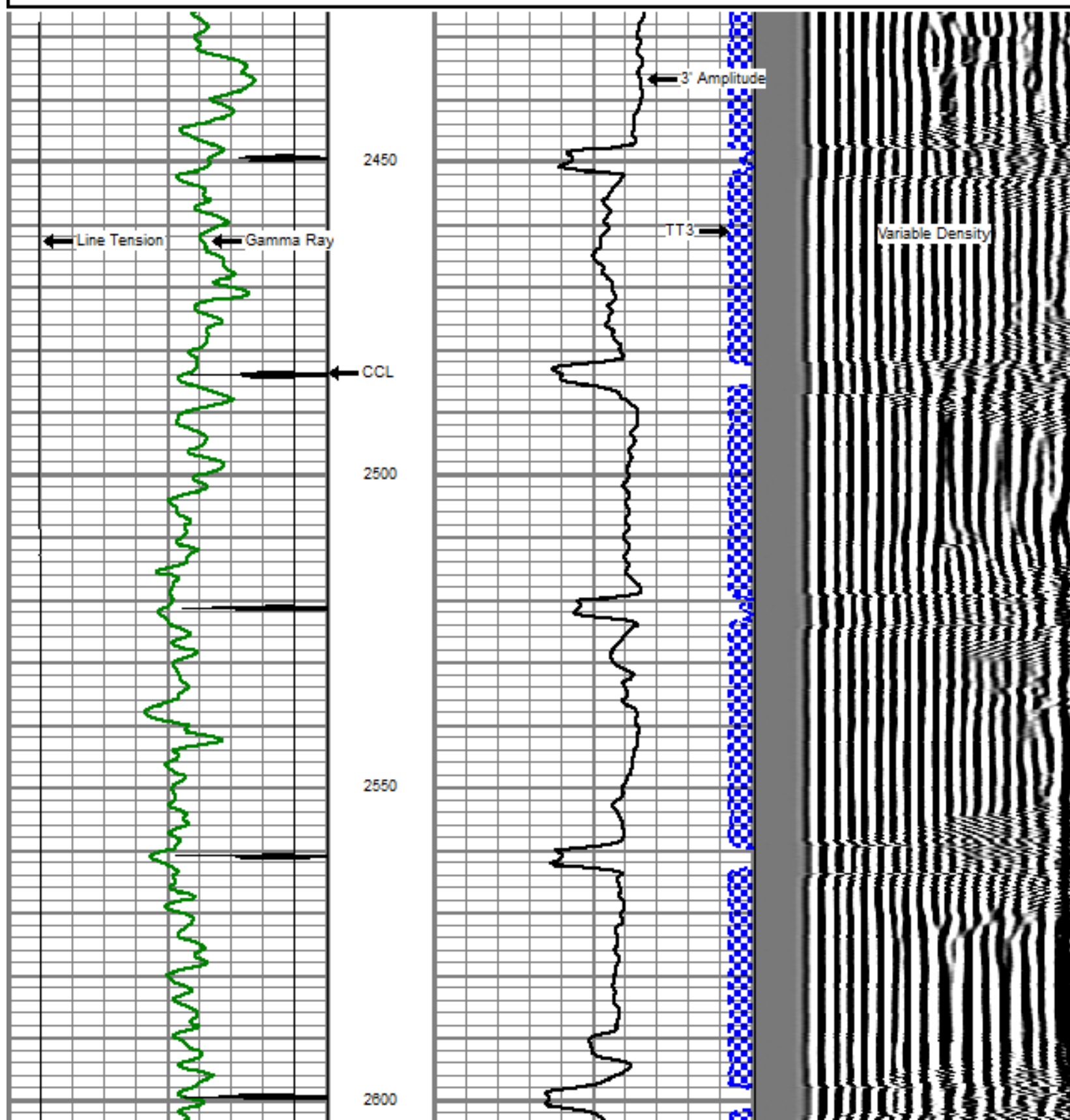


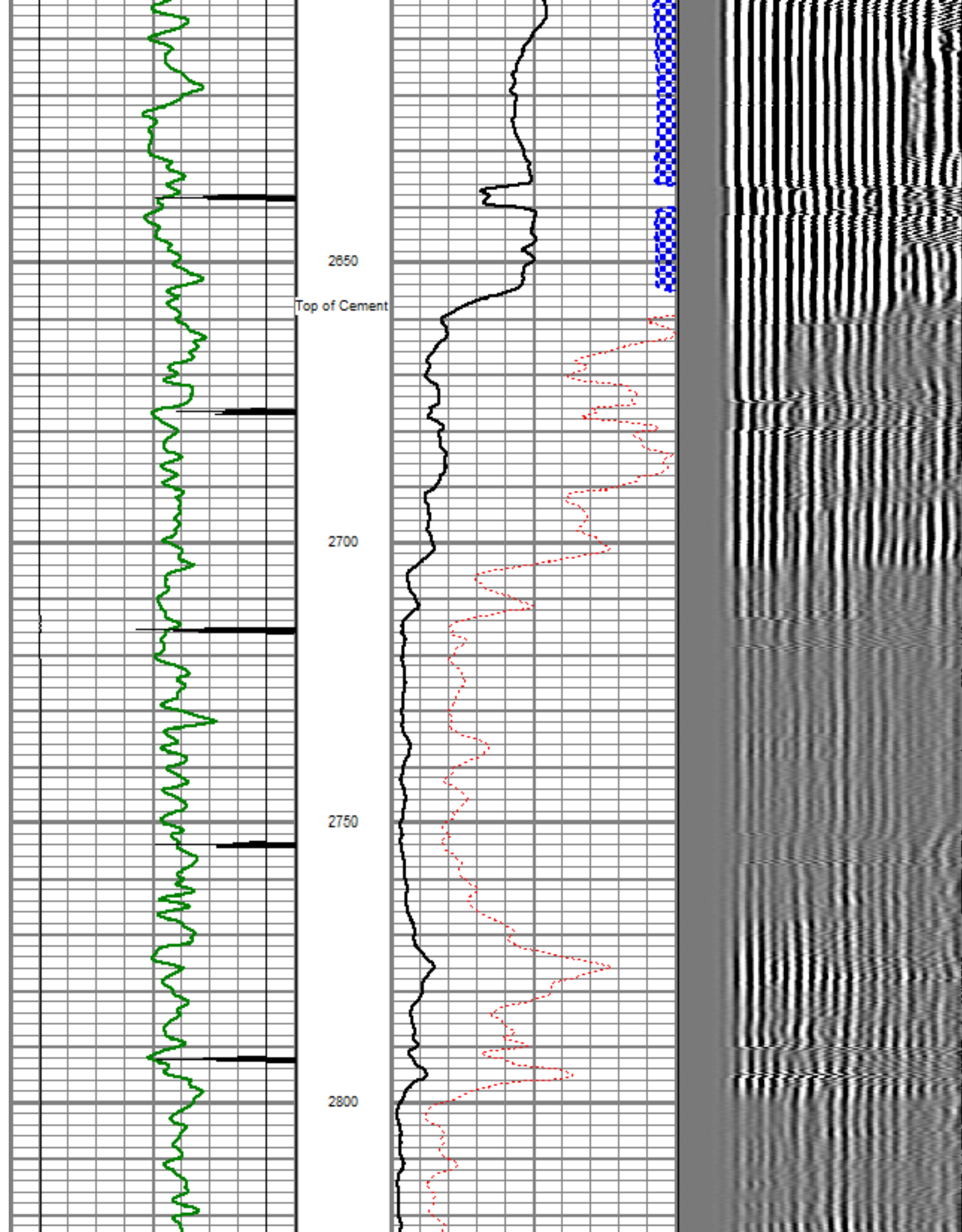
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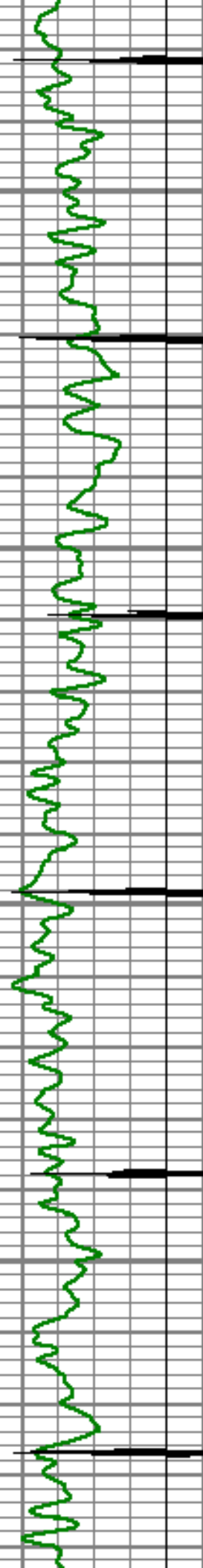
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0	LTEN (lb)	5000
9	CCL	-1

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

200	Variable Density	1200
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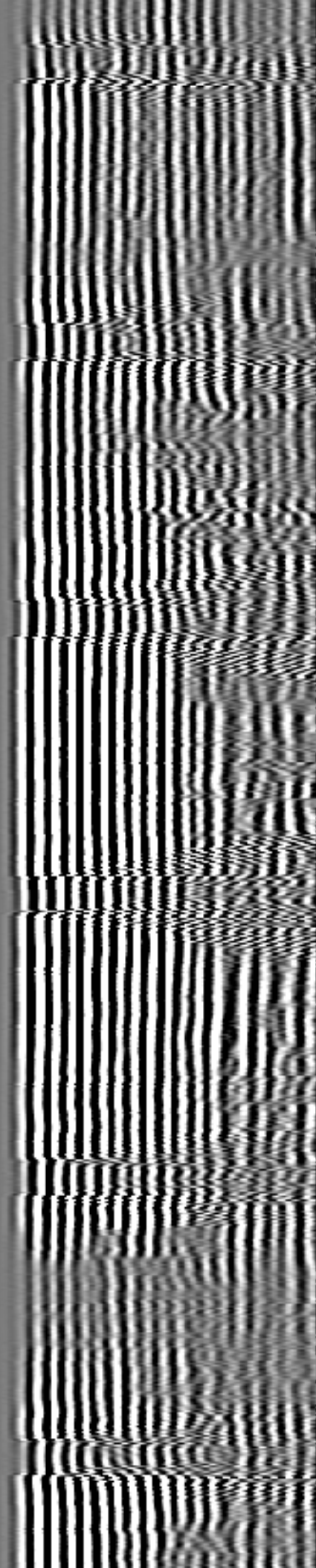
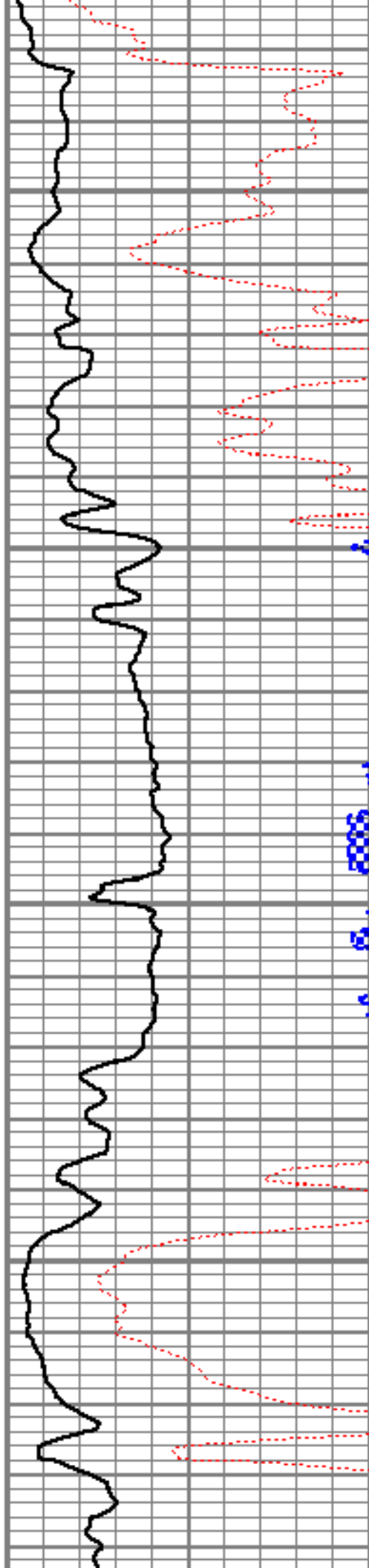


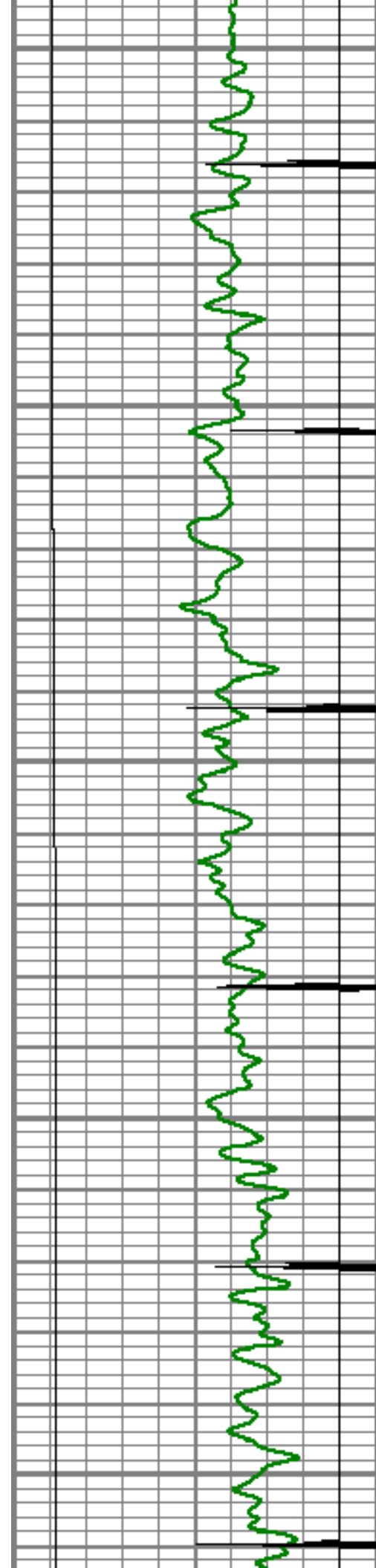
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2900

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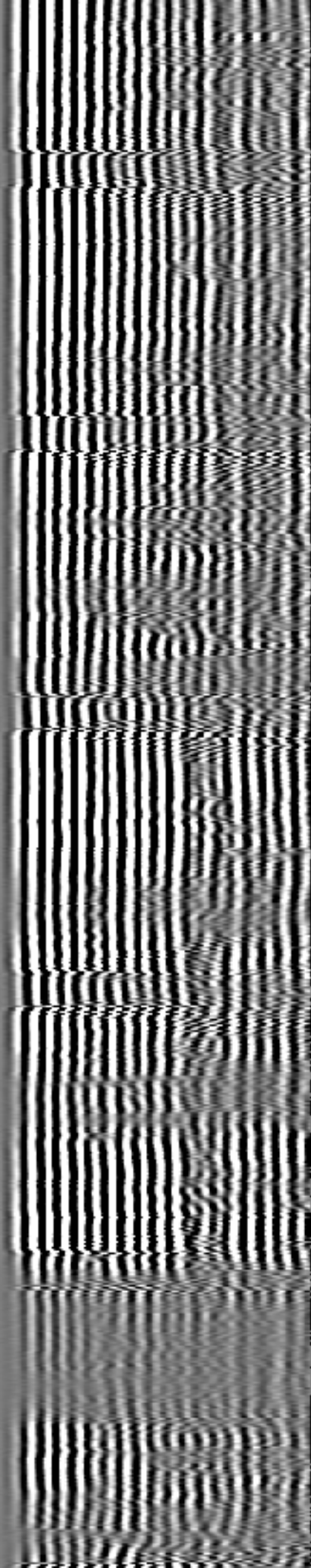
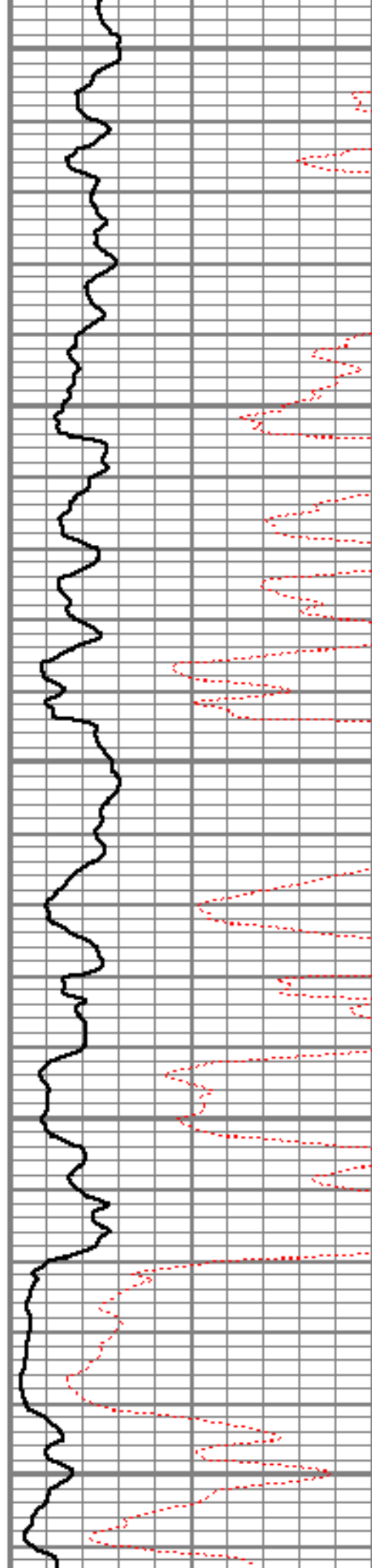
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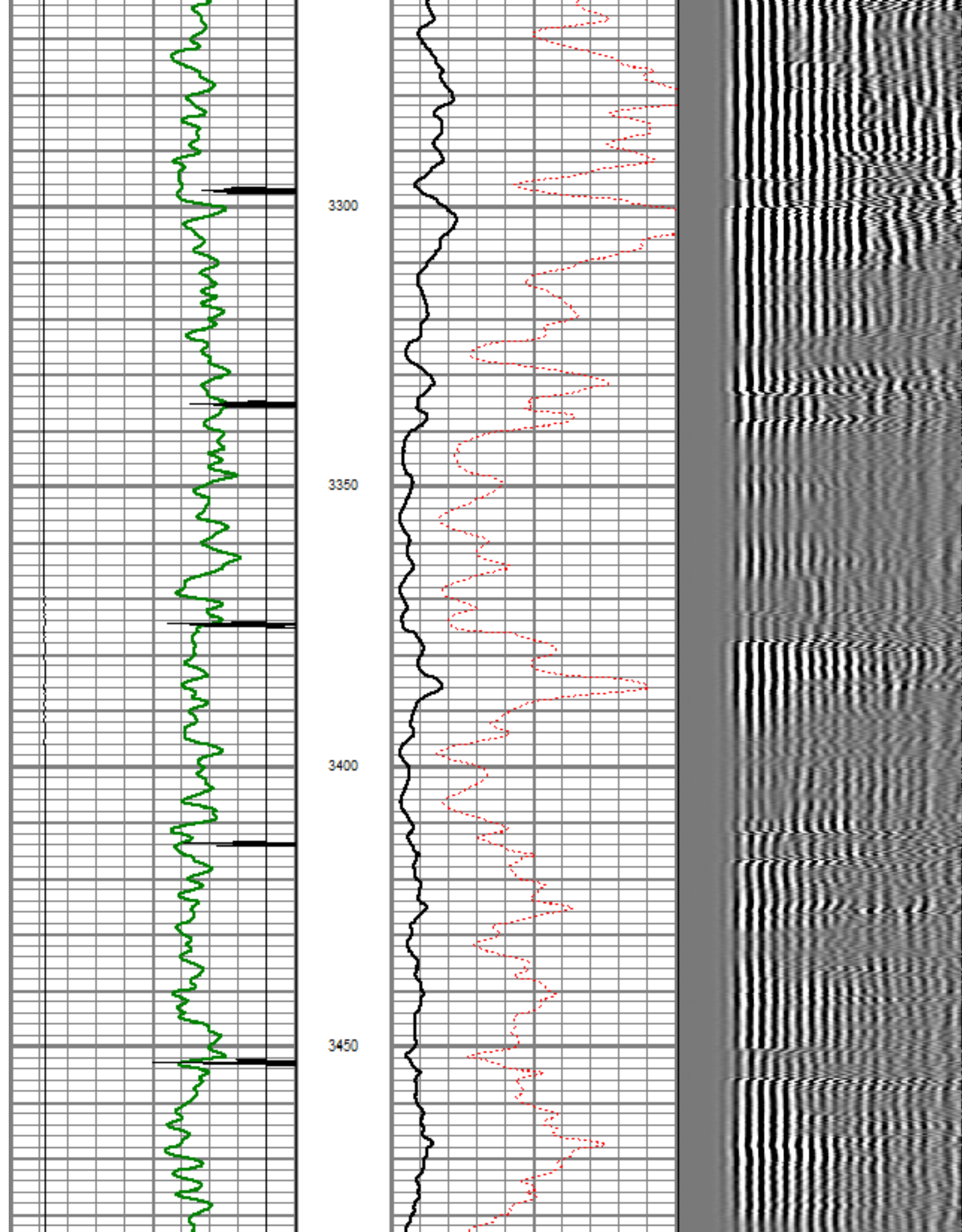
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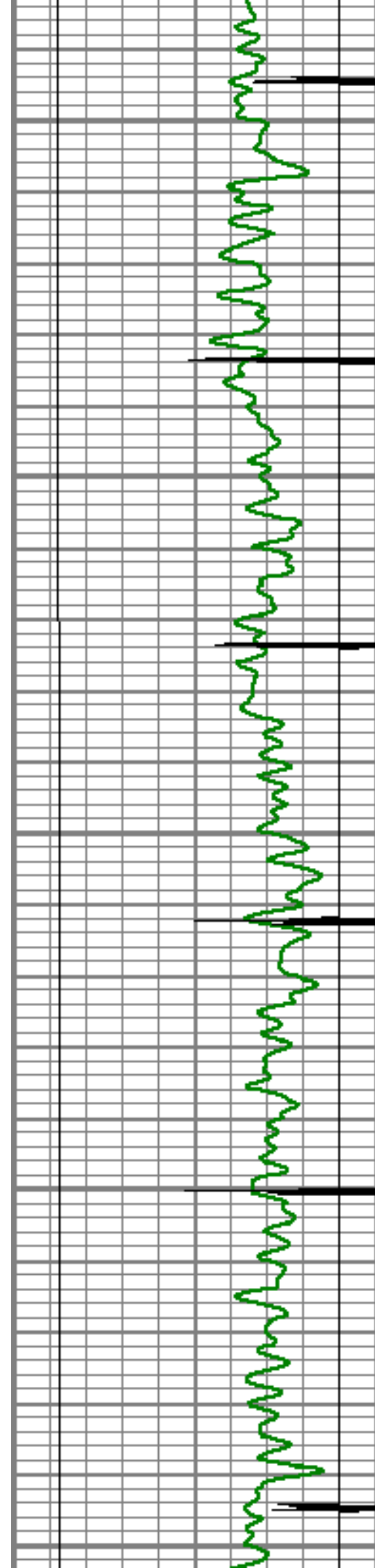
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3200

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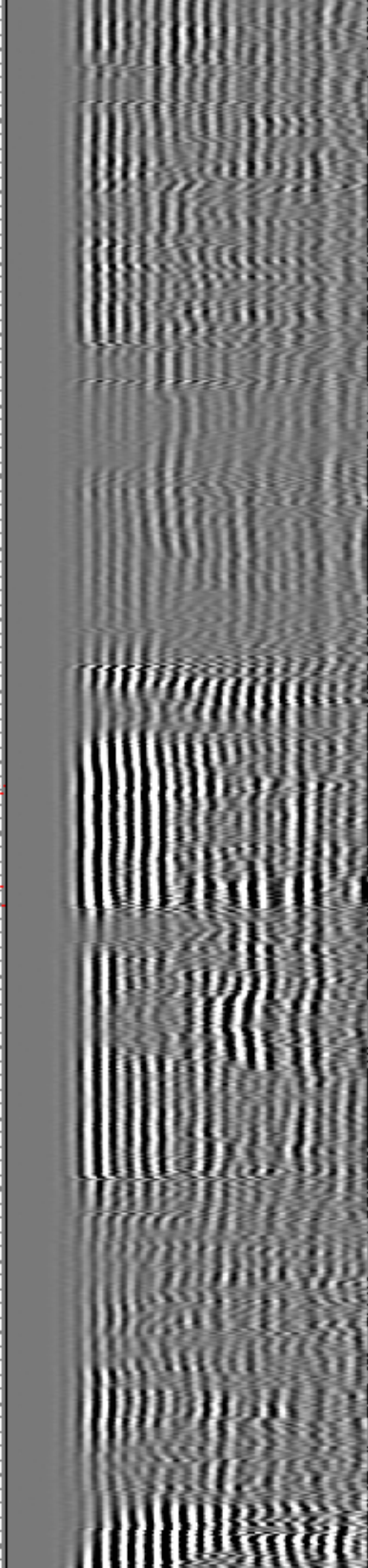
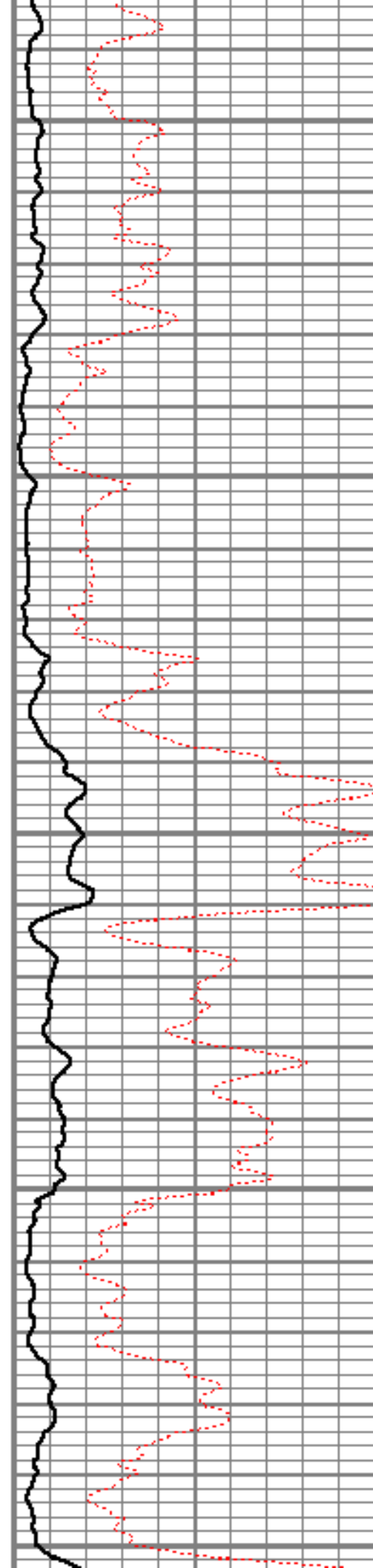
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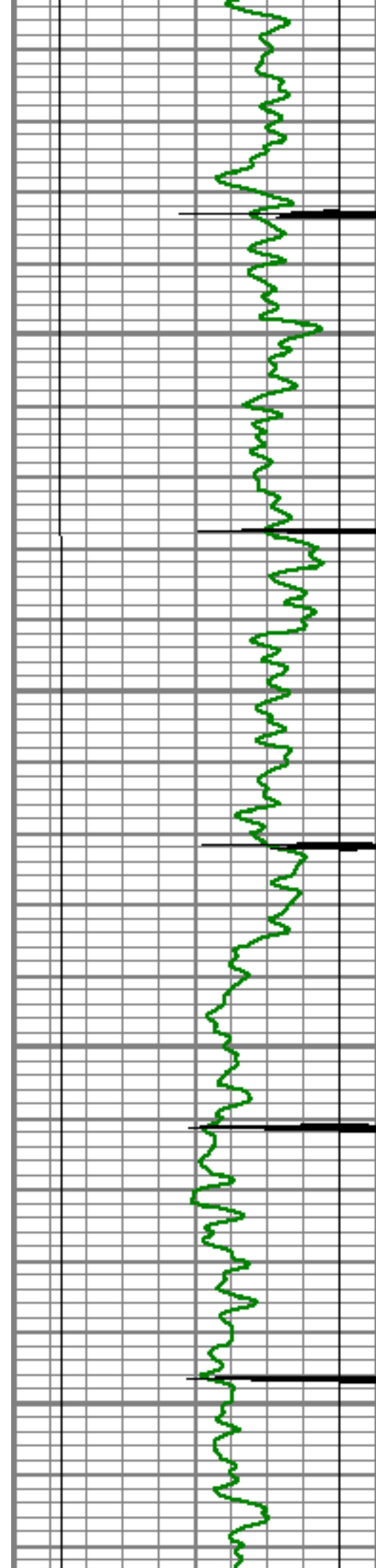
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3700



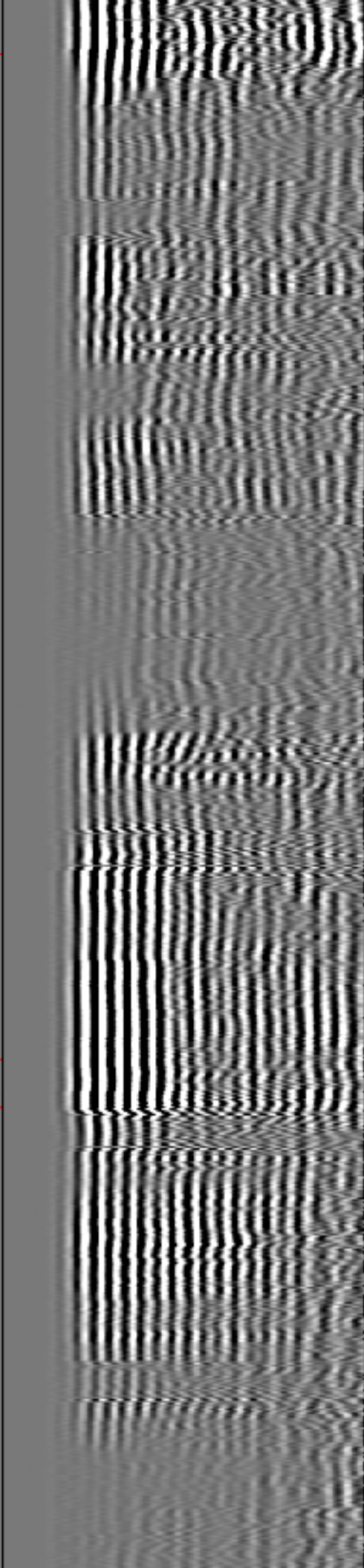
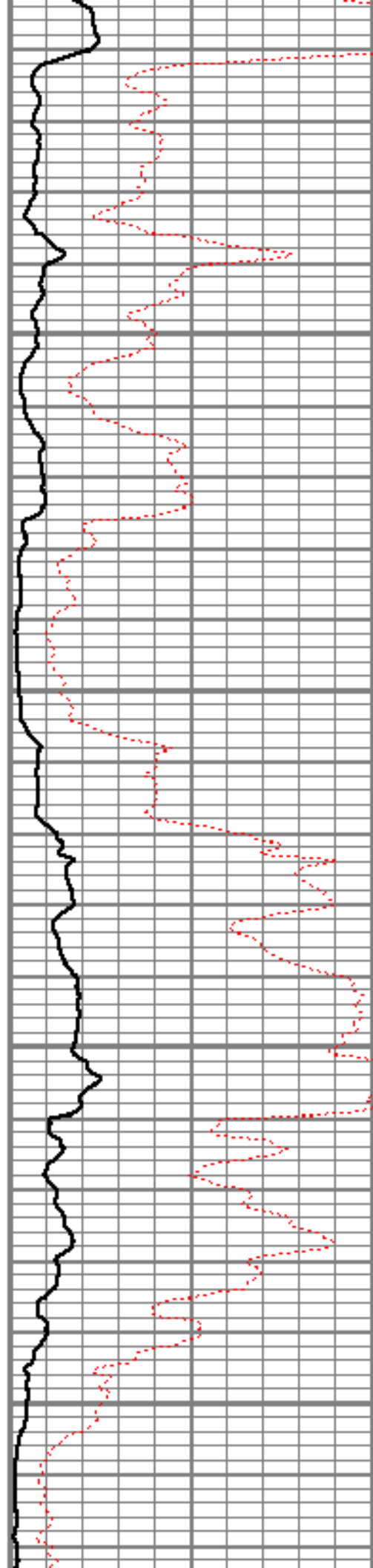


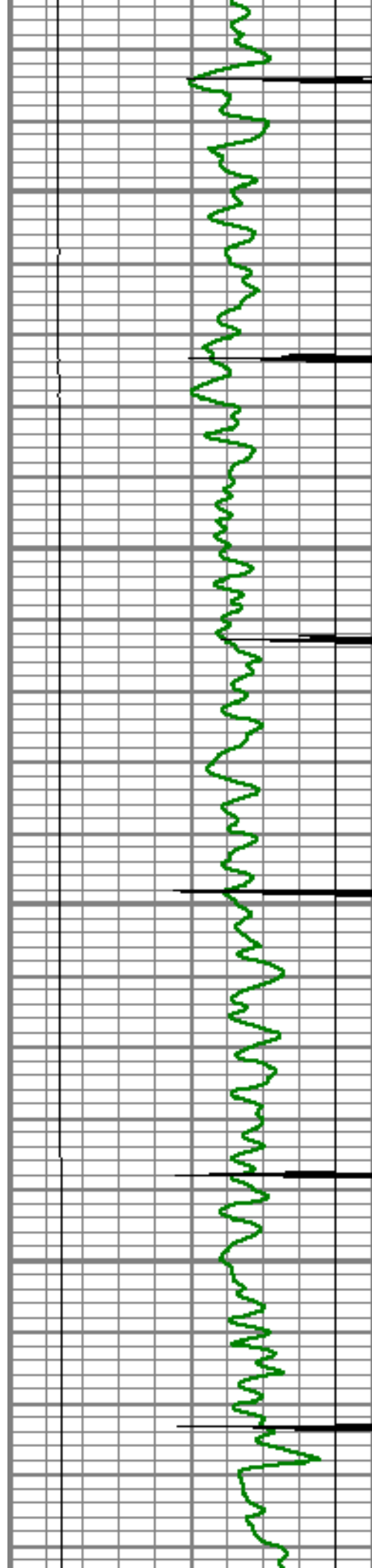
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3850

3900



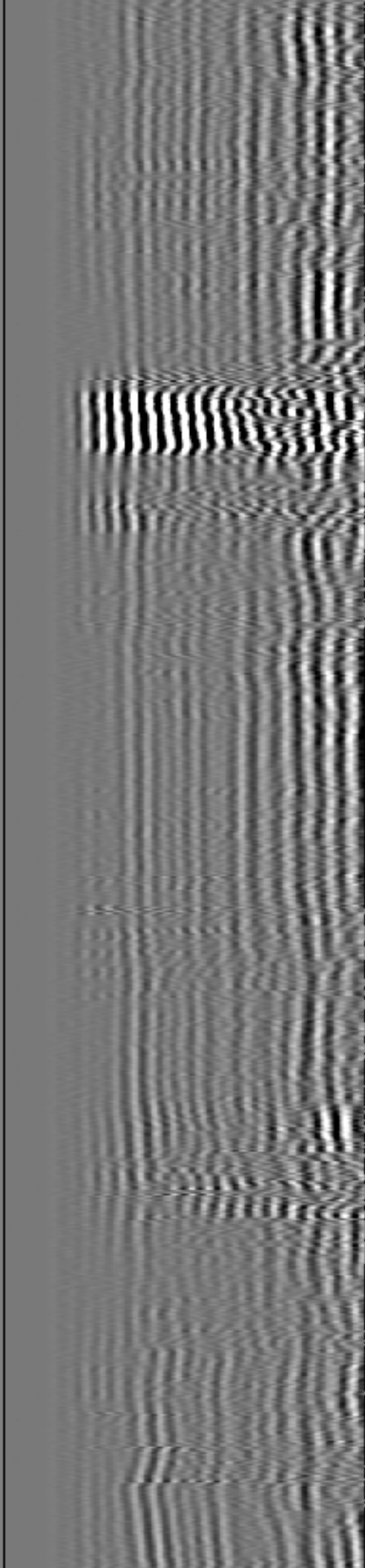
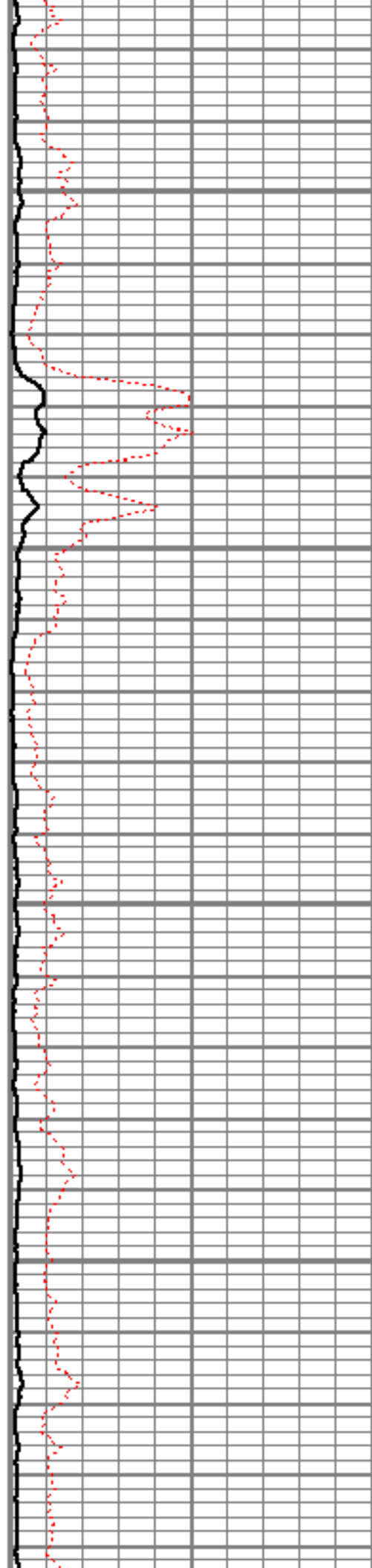


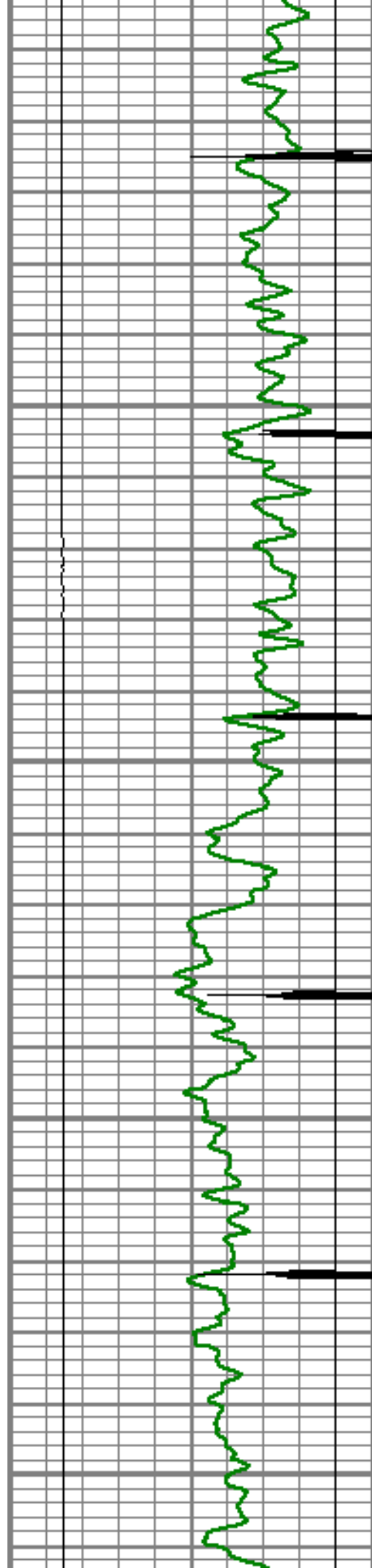
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4050

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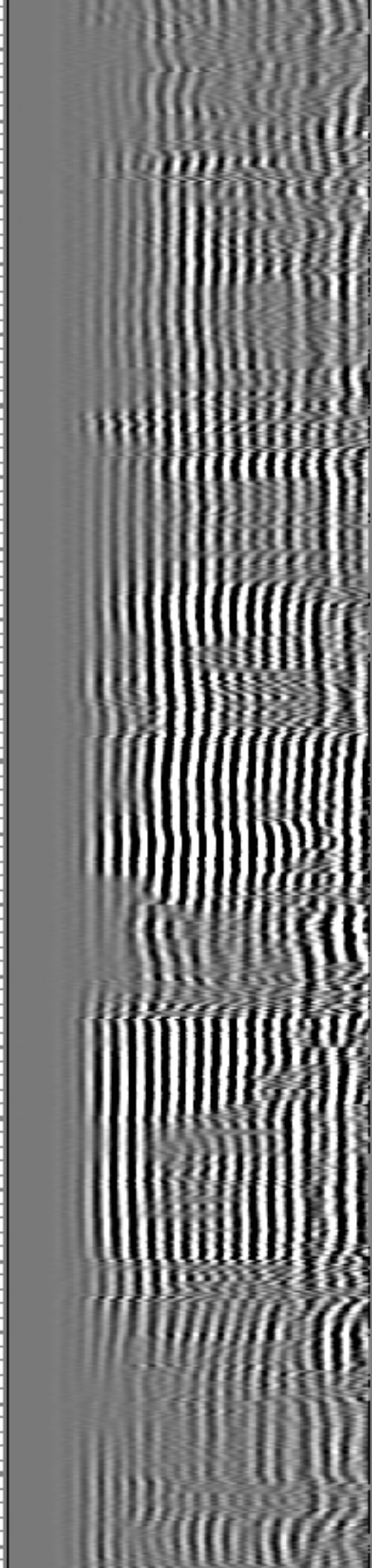
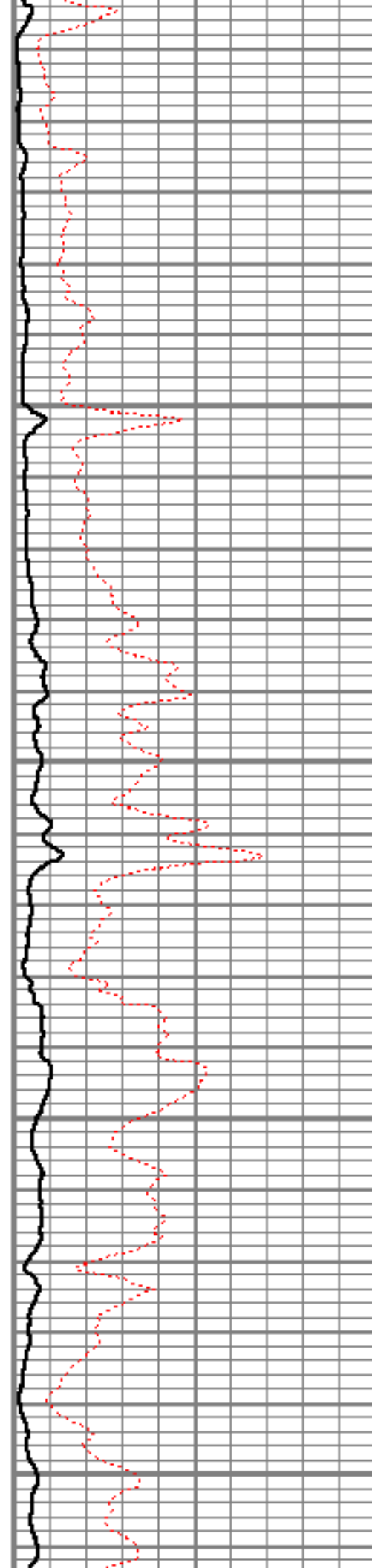
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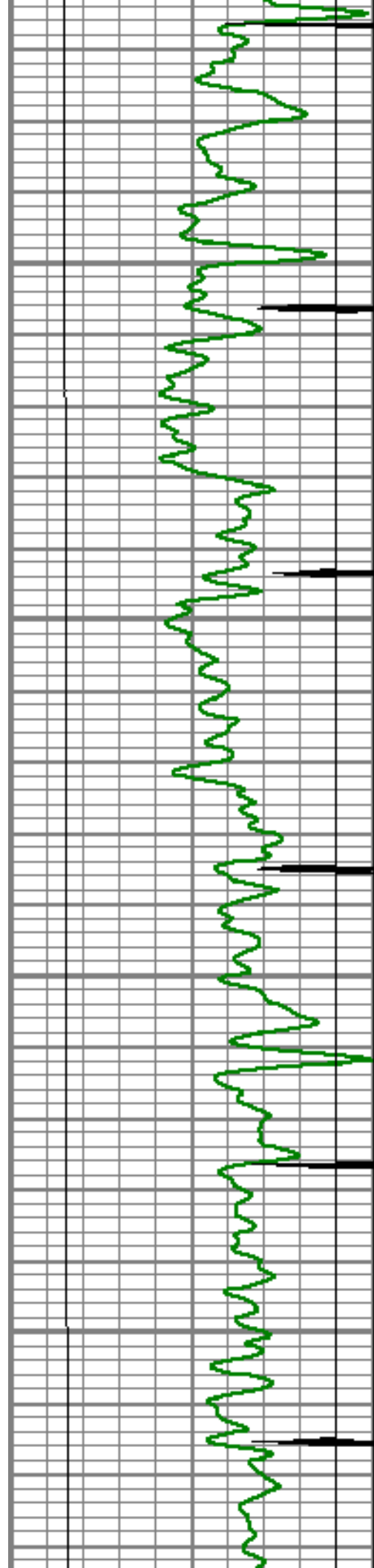
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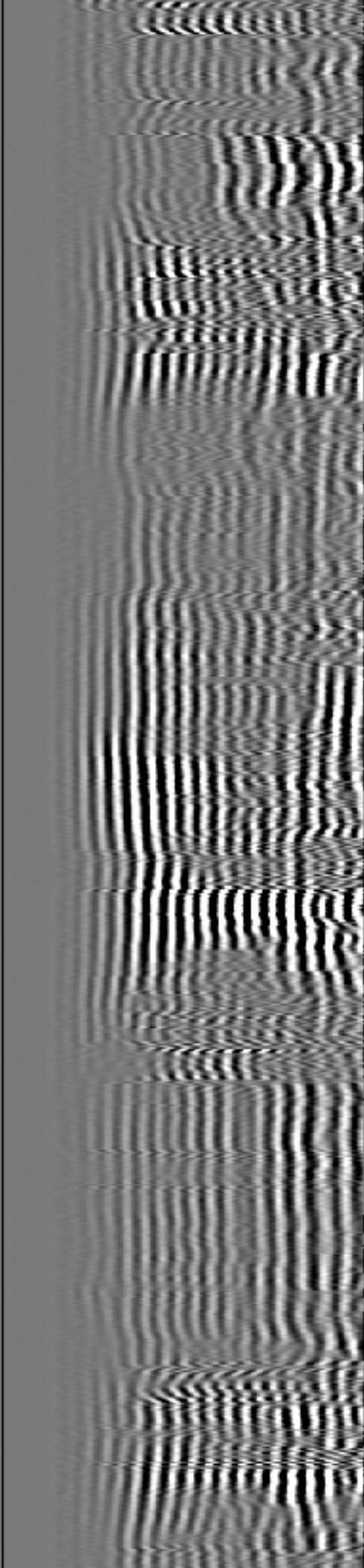
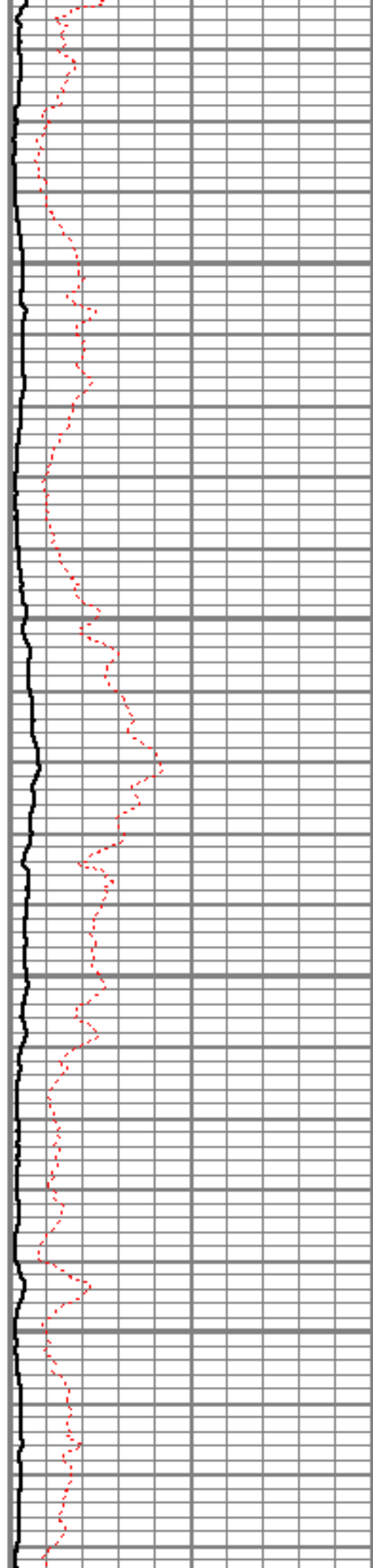


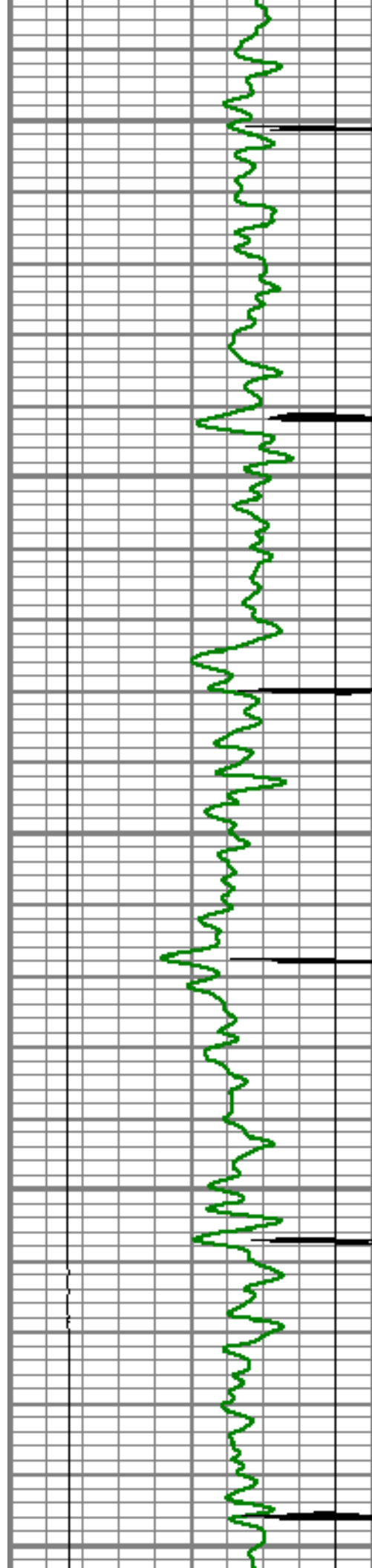
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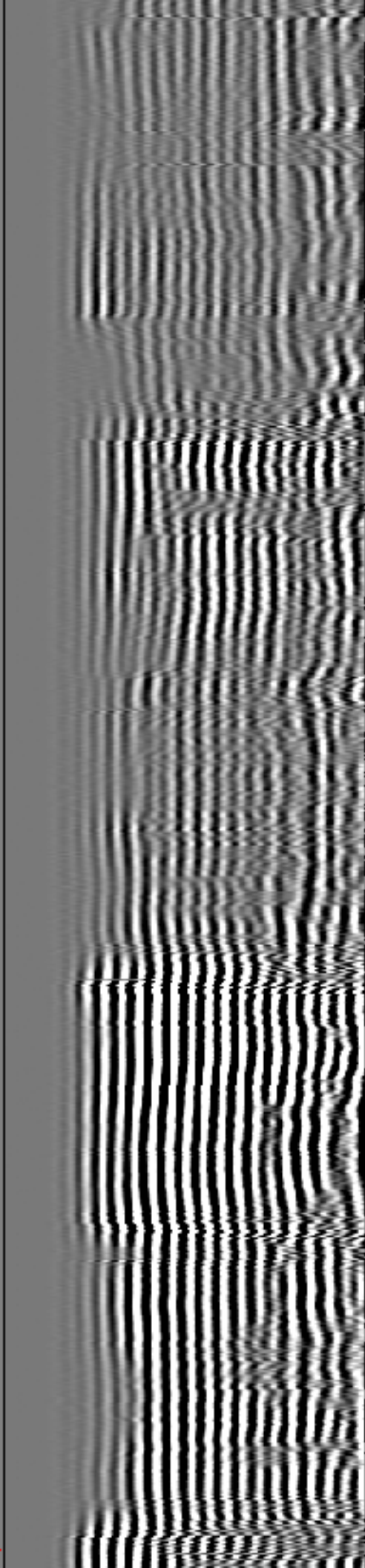
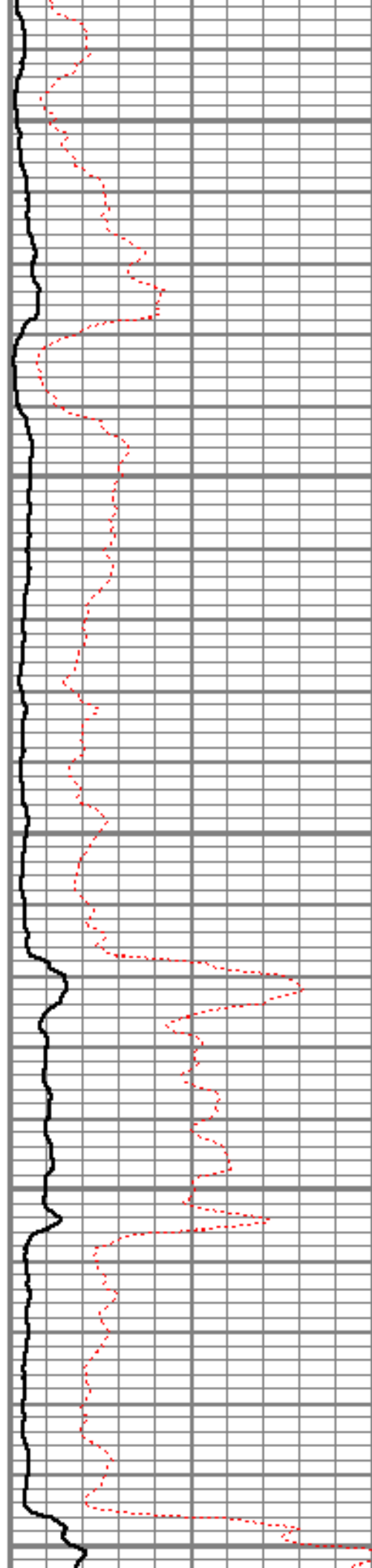
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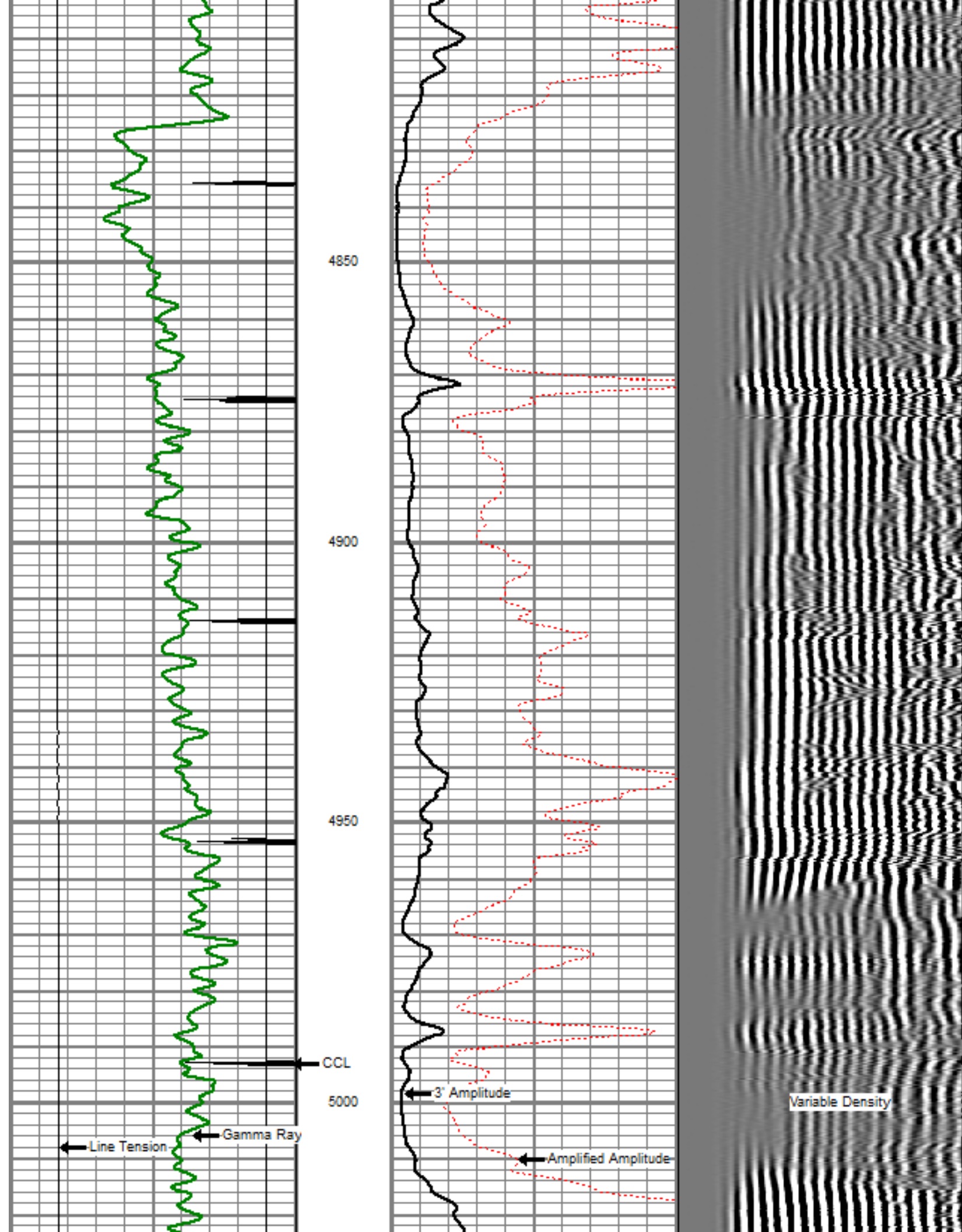
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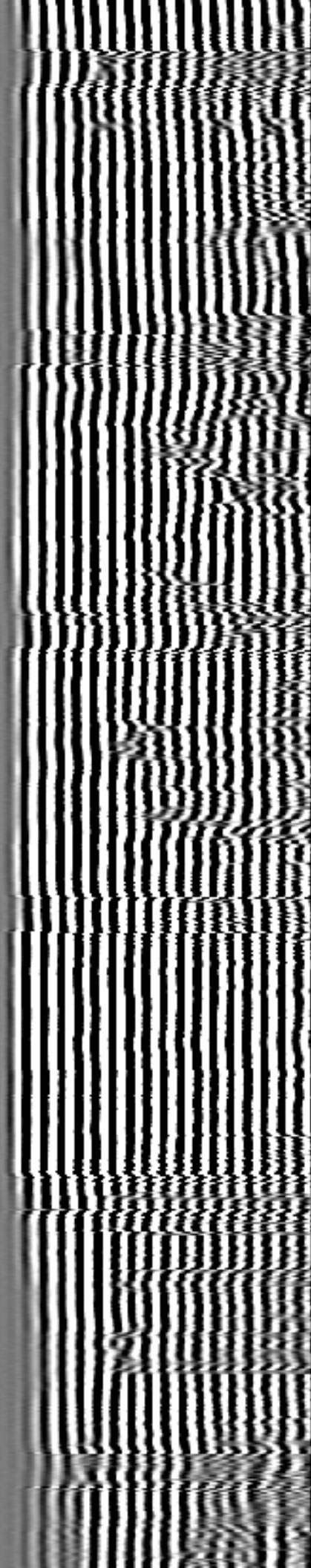
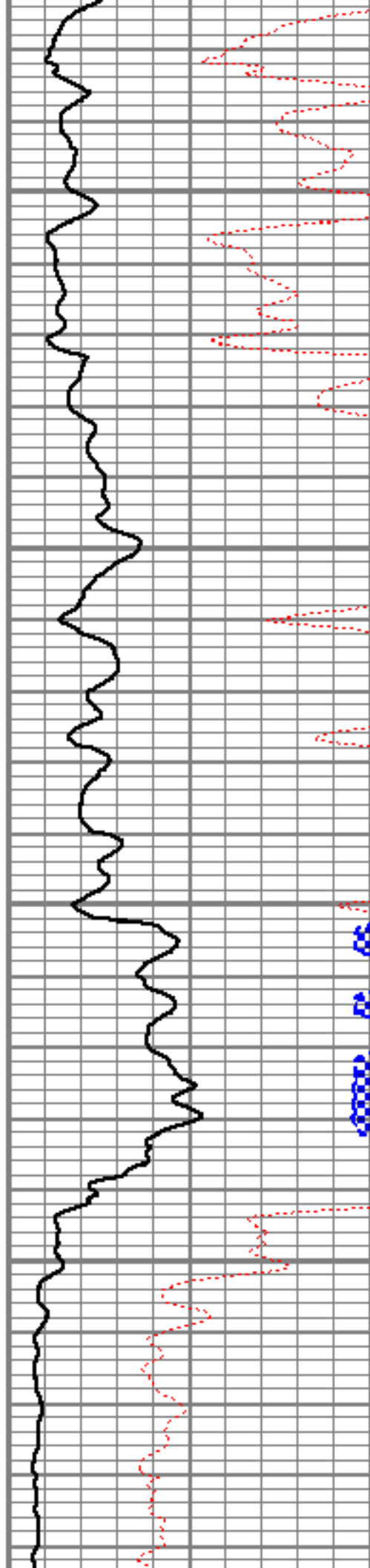


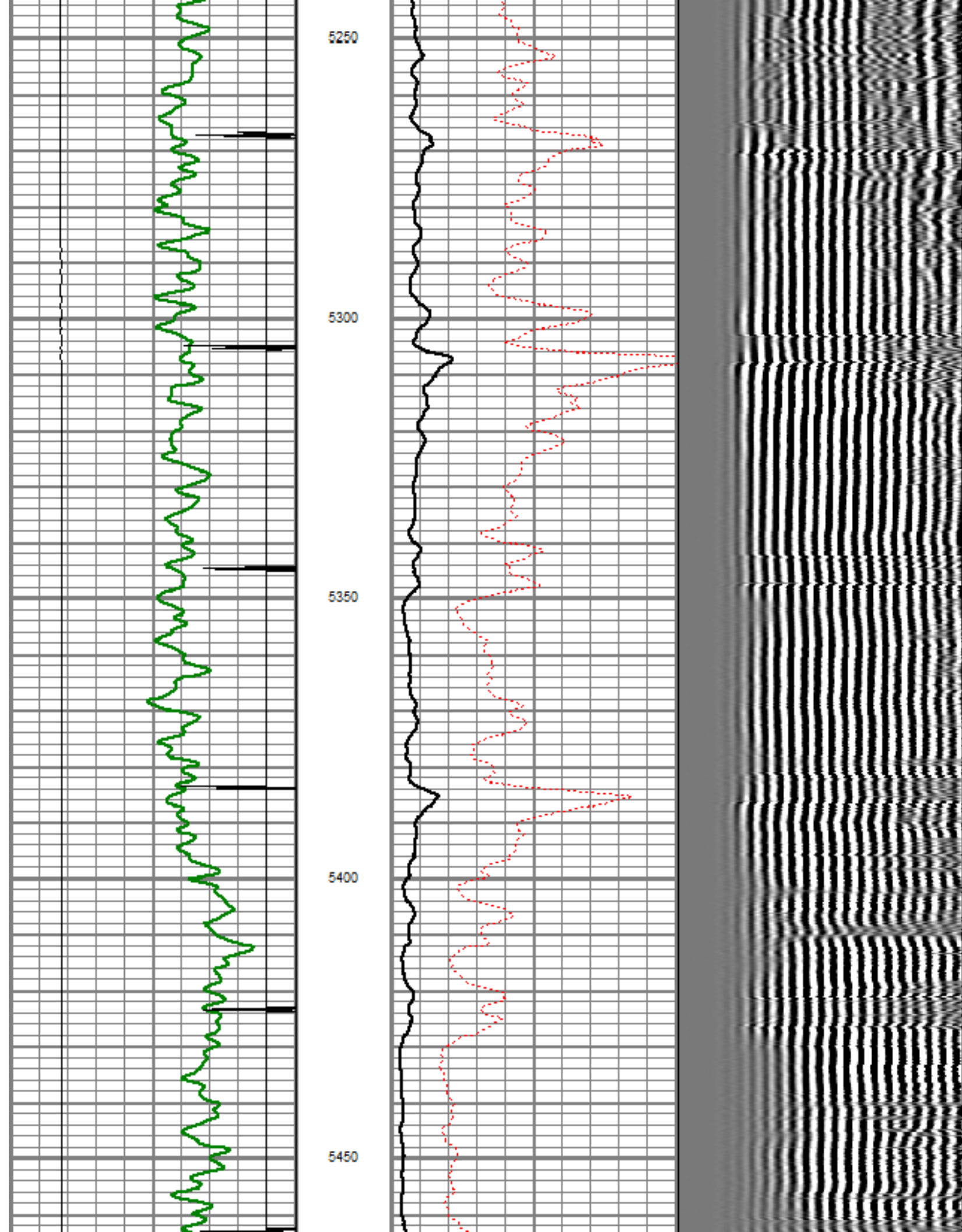
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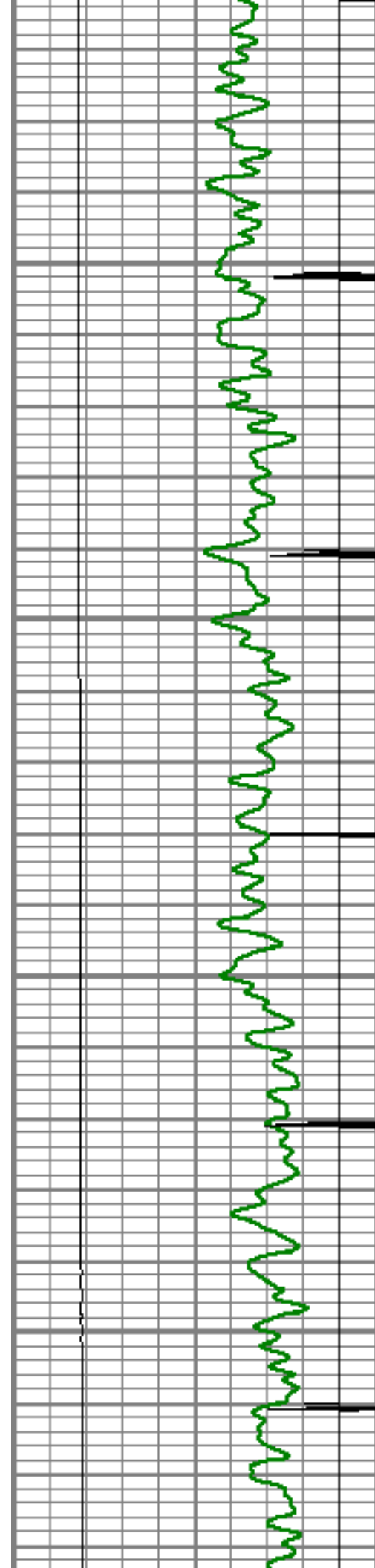
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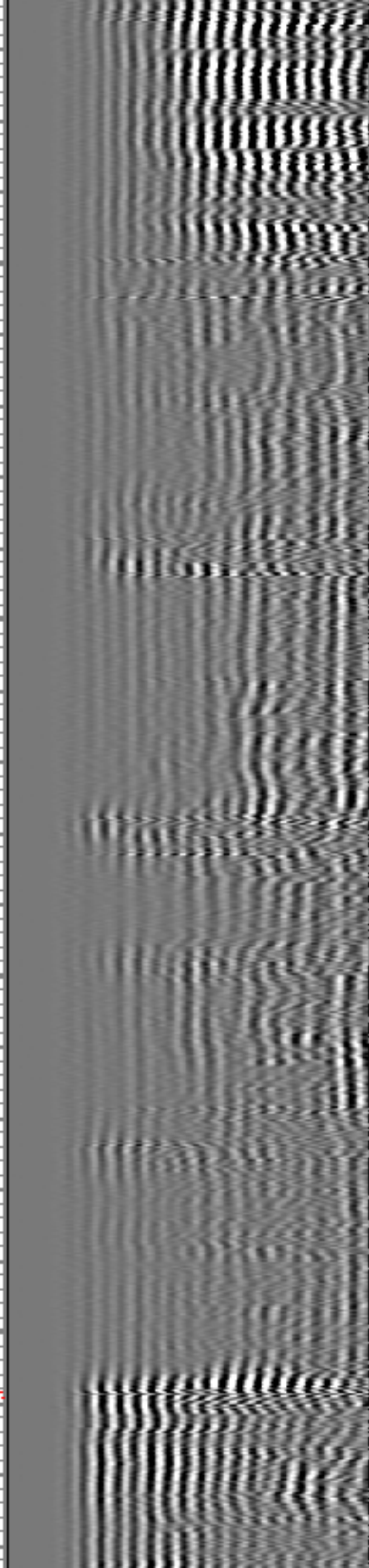
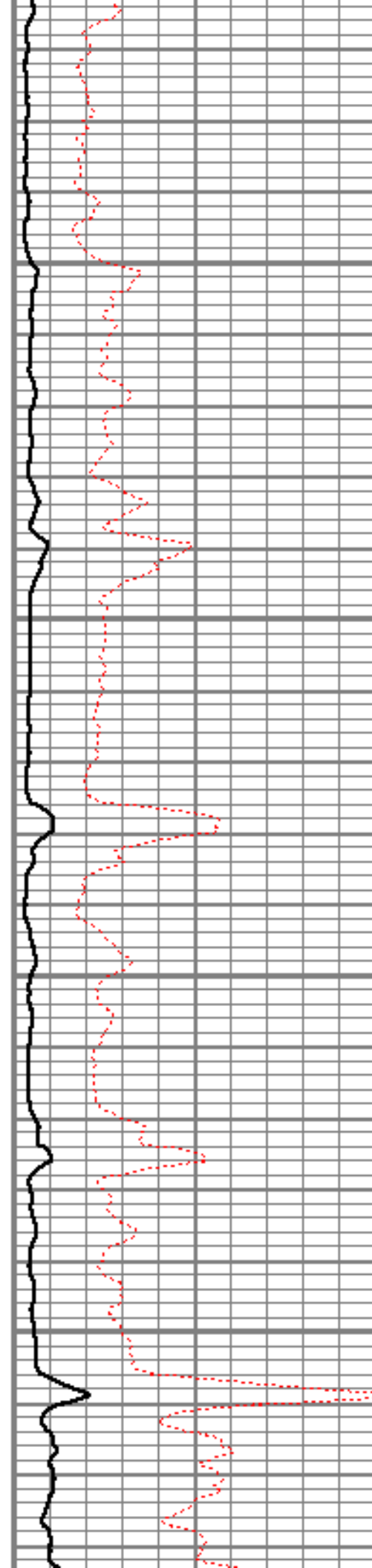


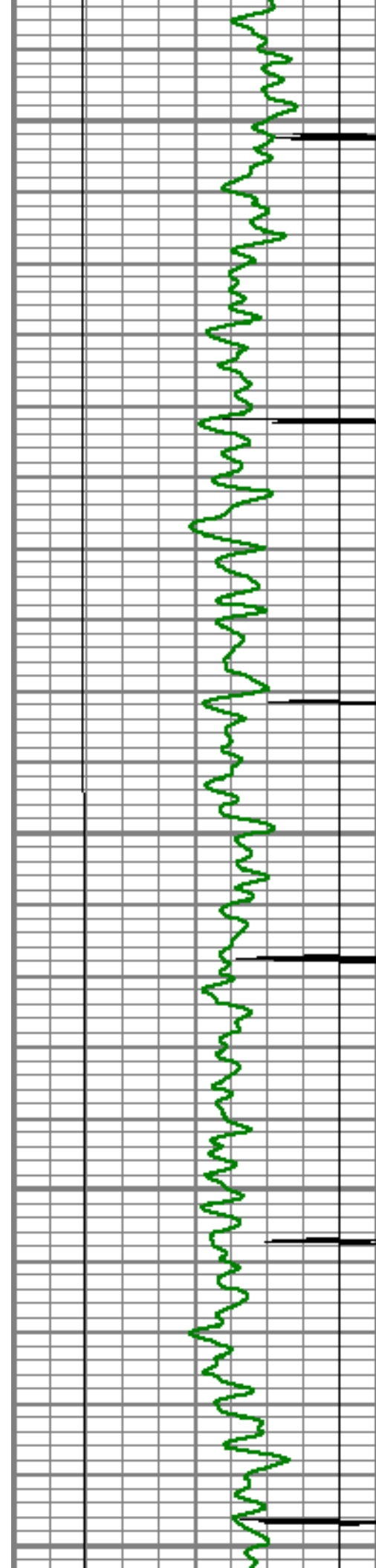
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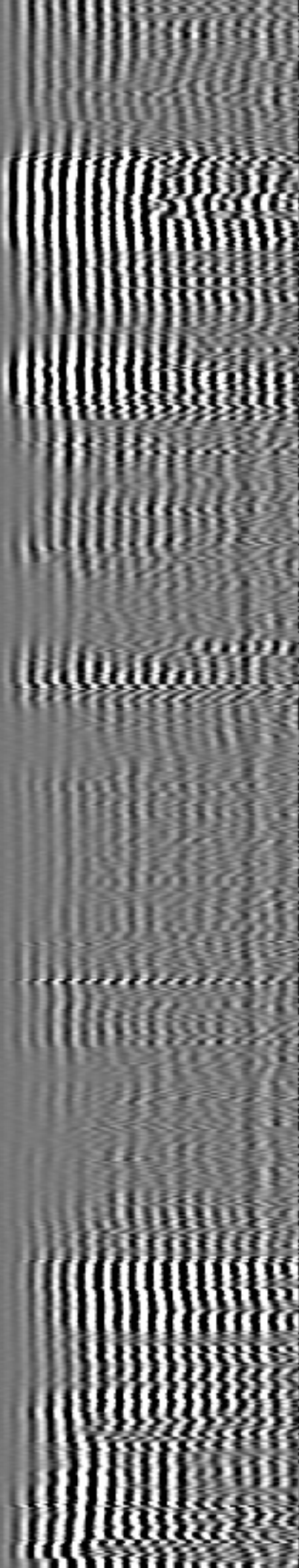
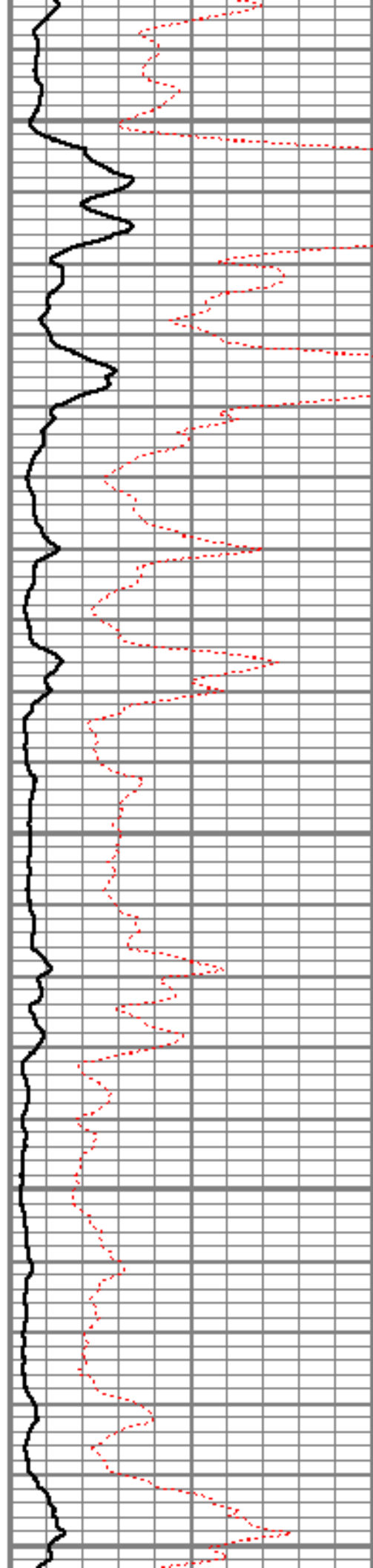
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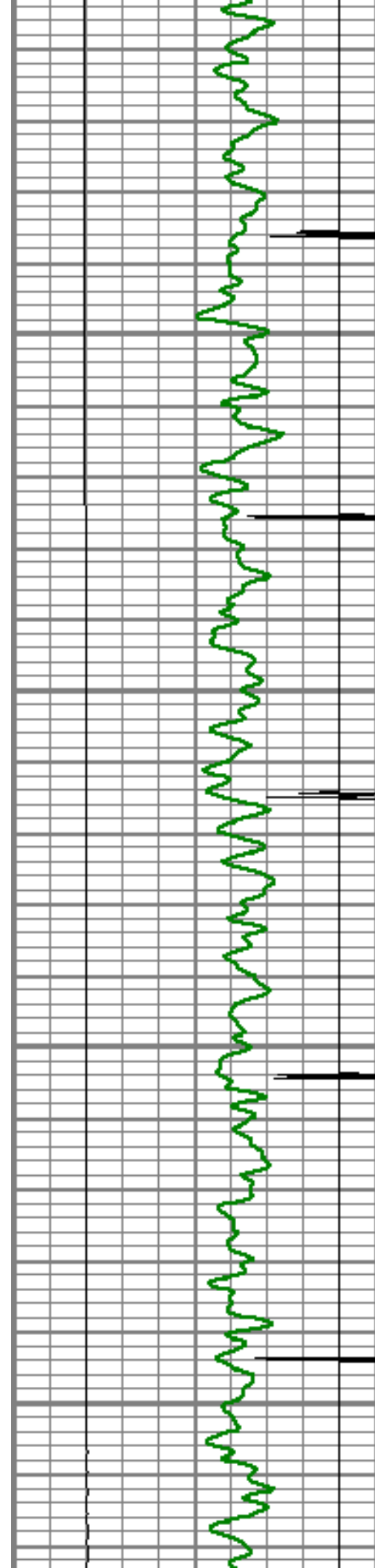
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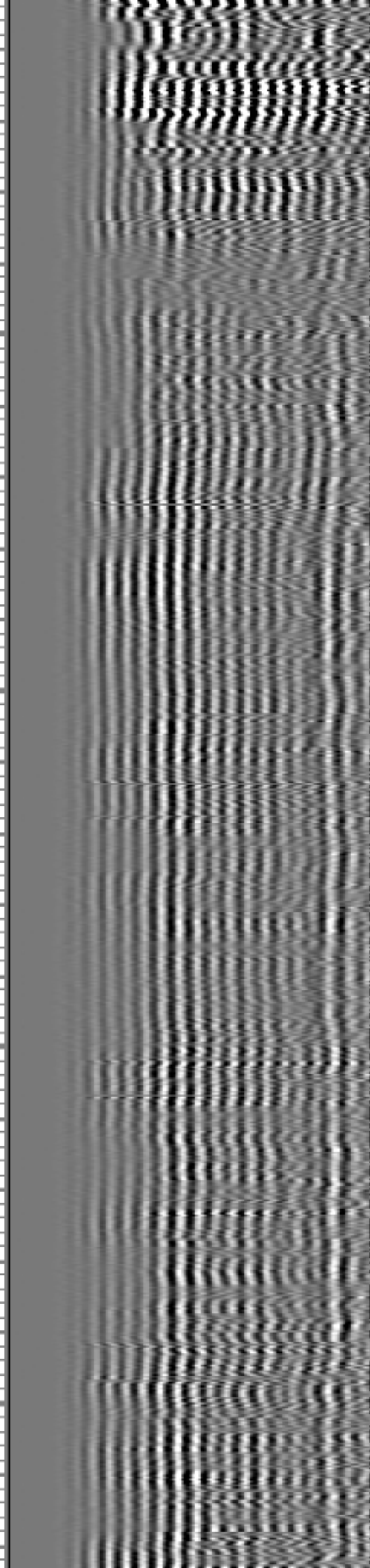
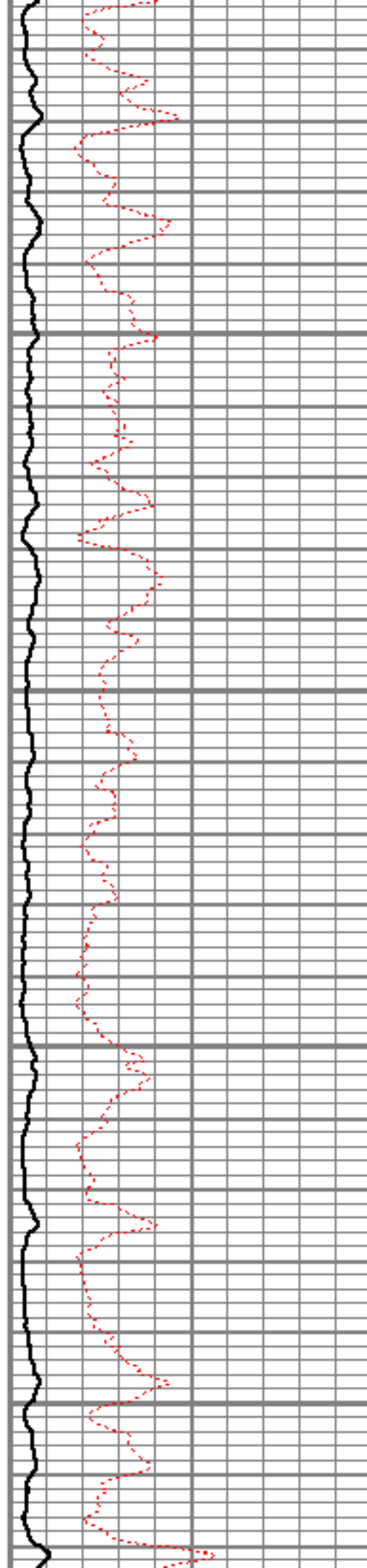


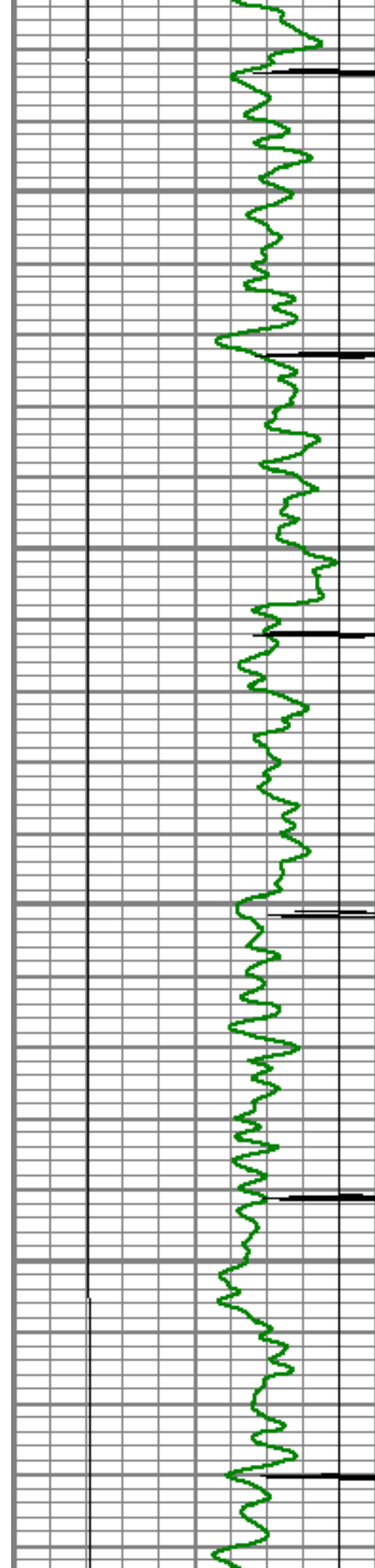
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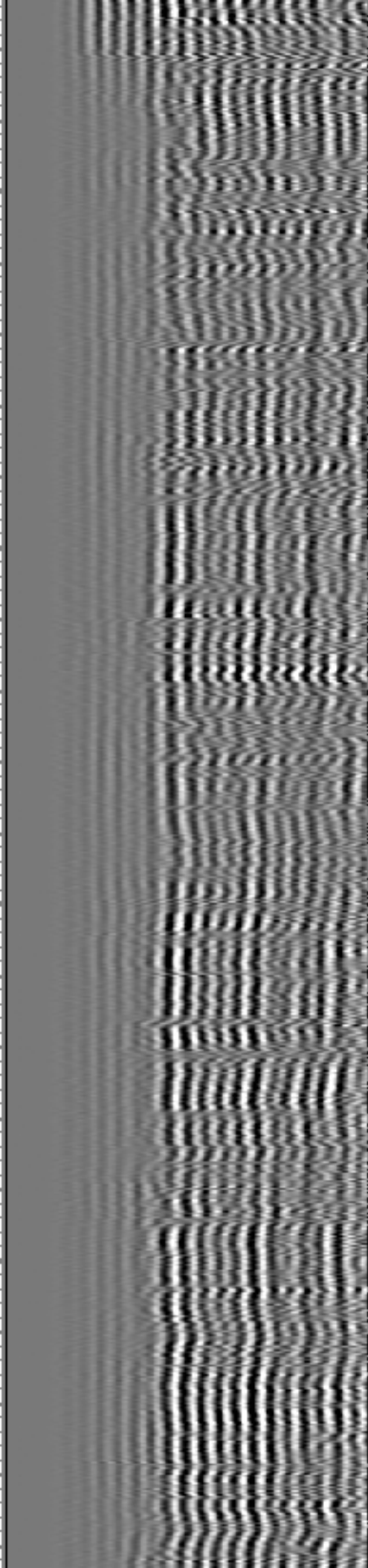
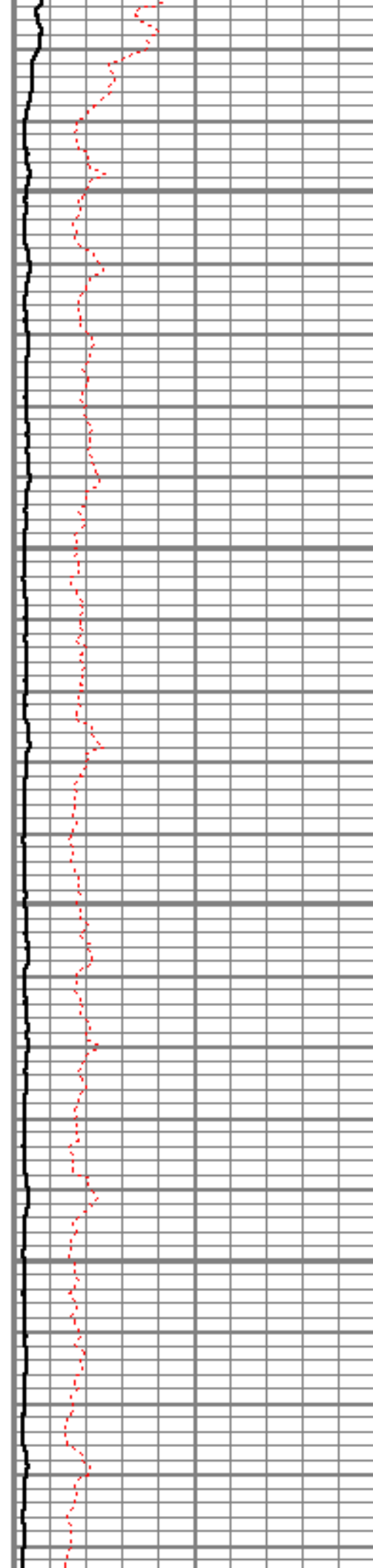


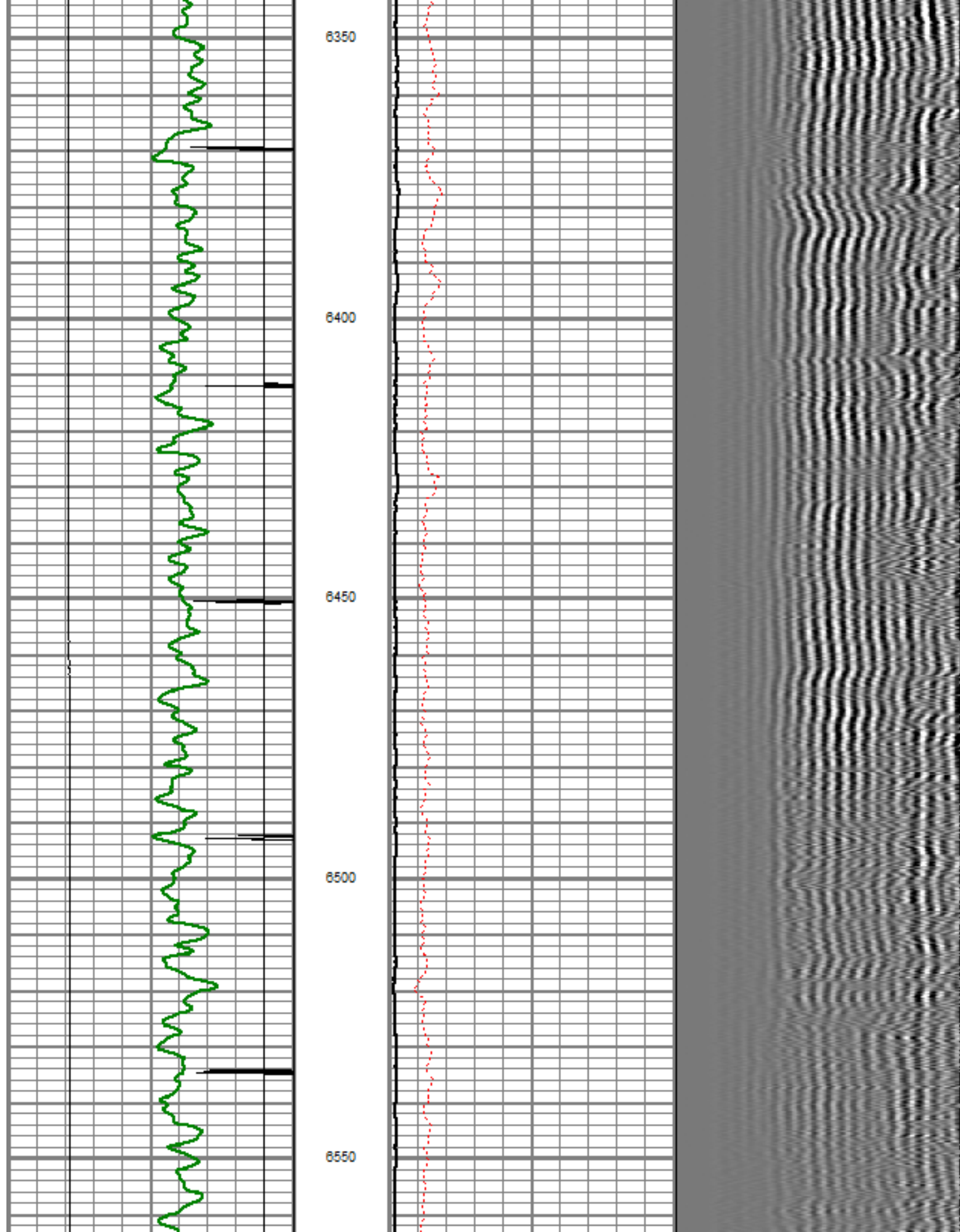
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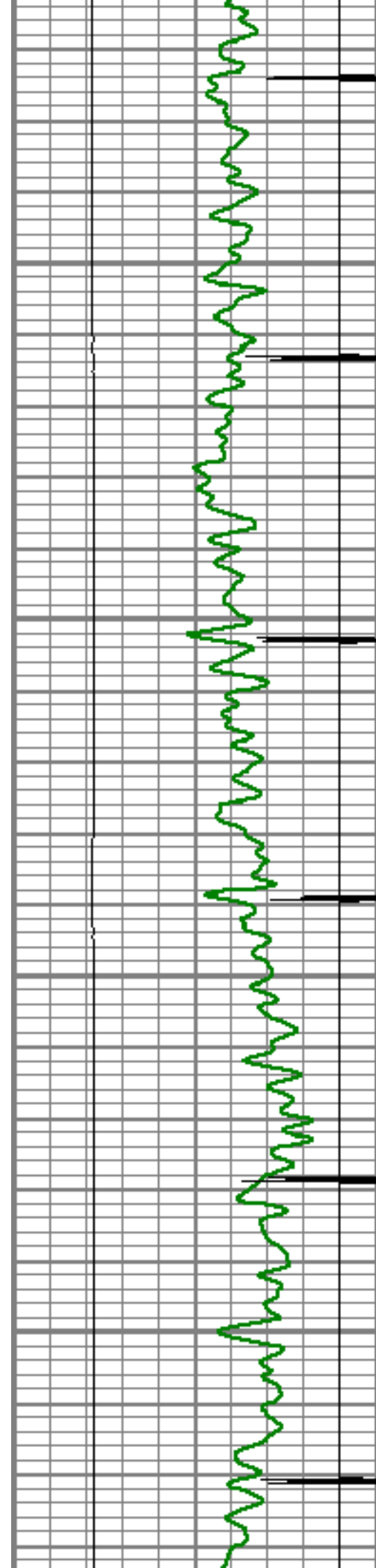
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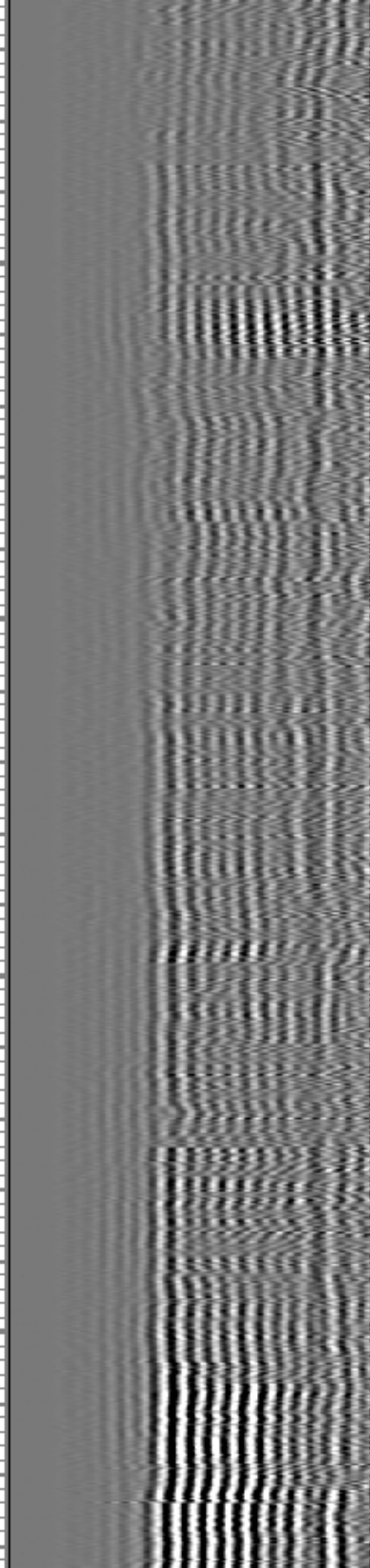
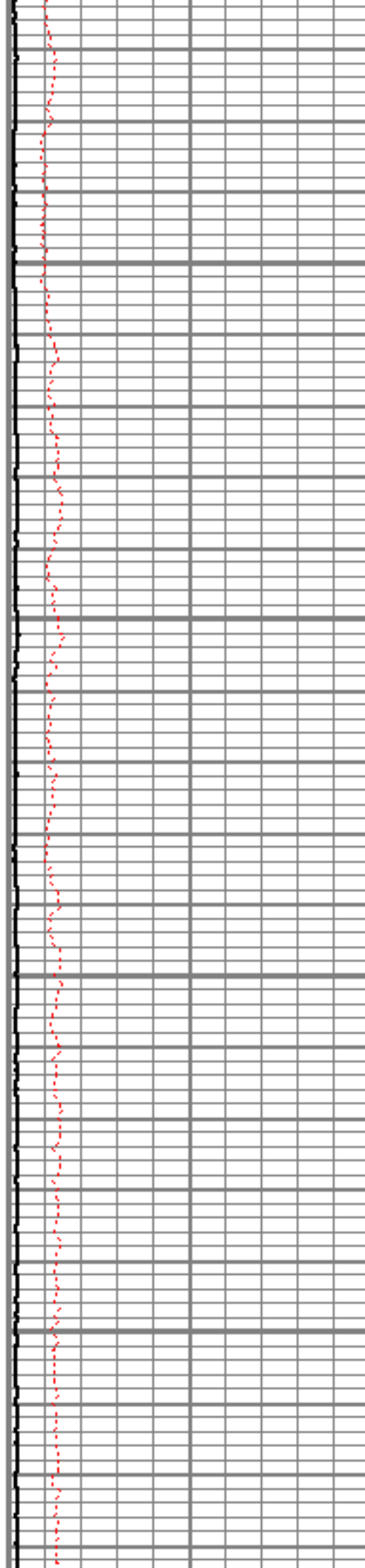


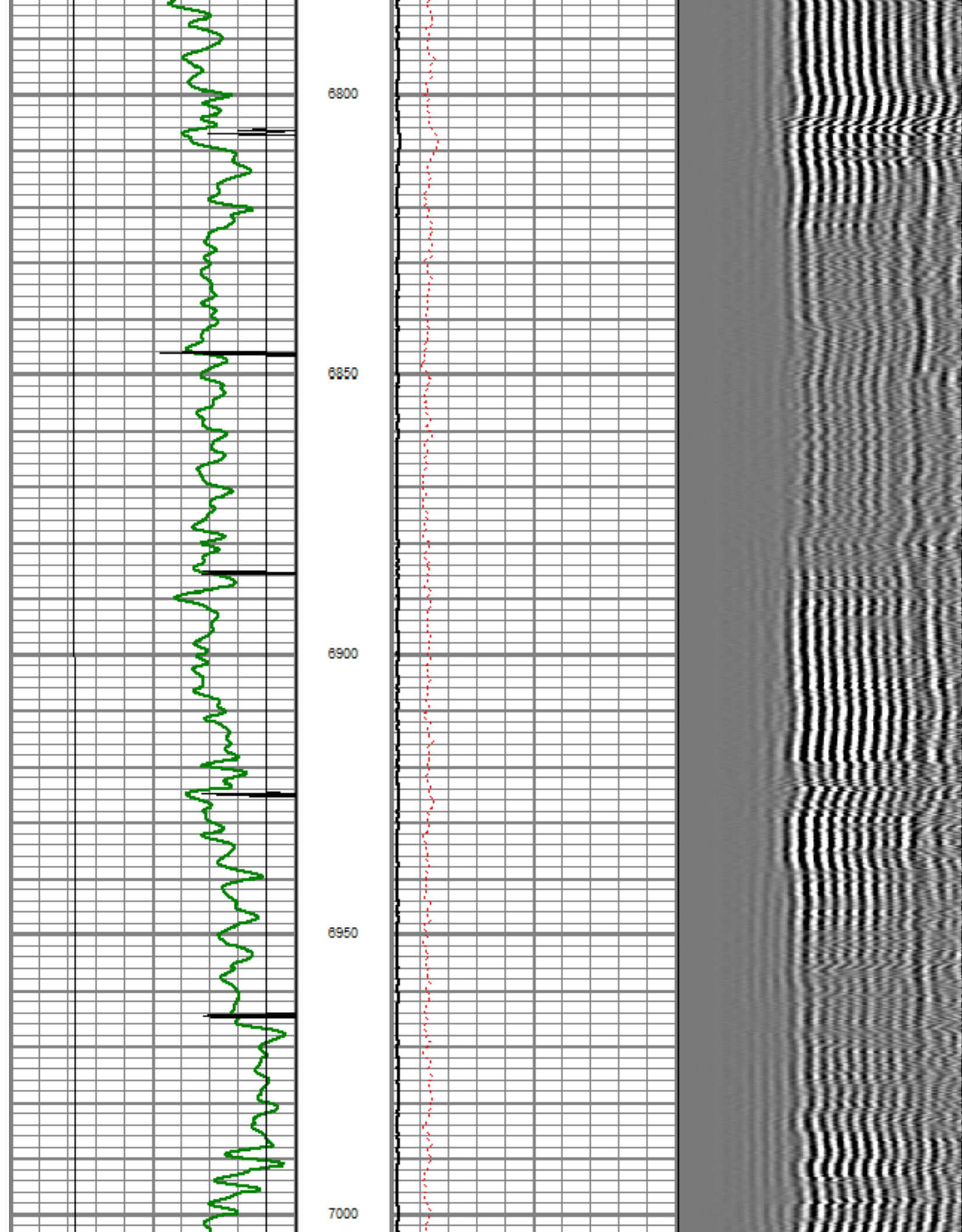
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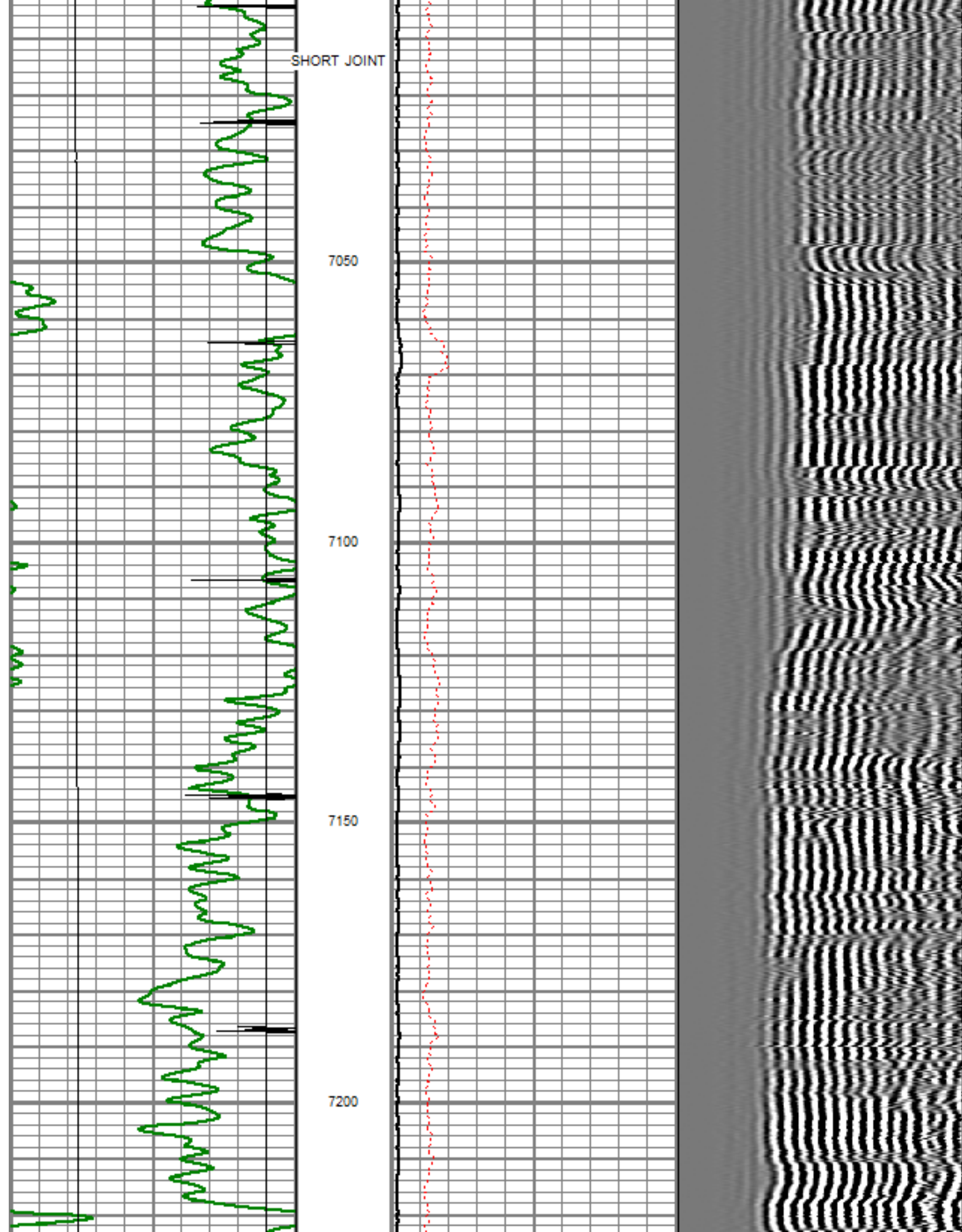
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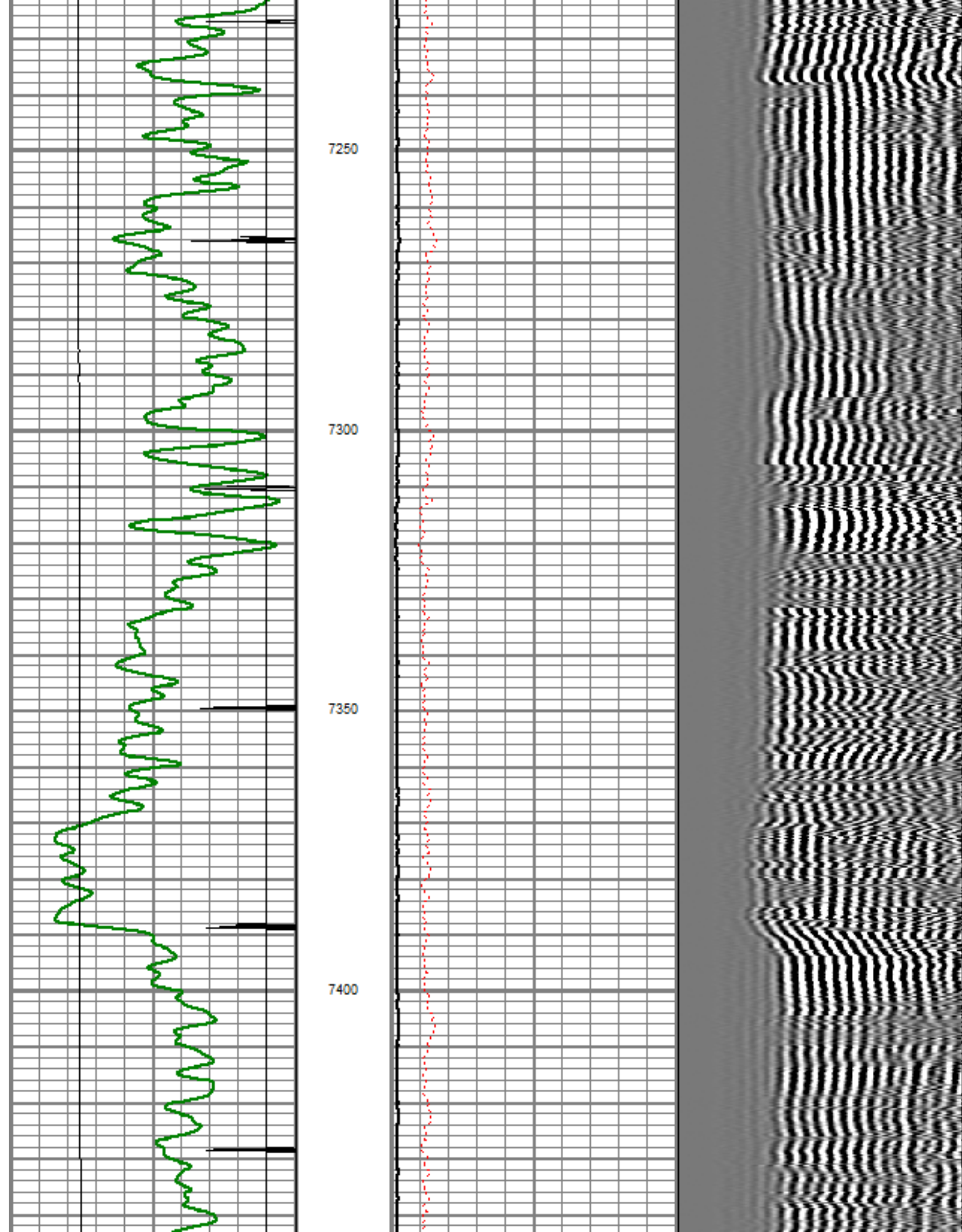
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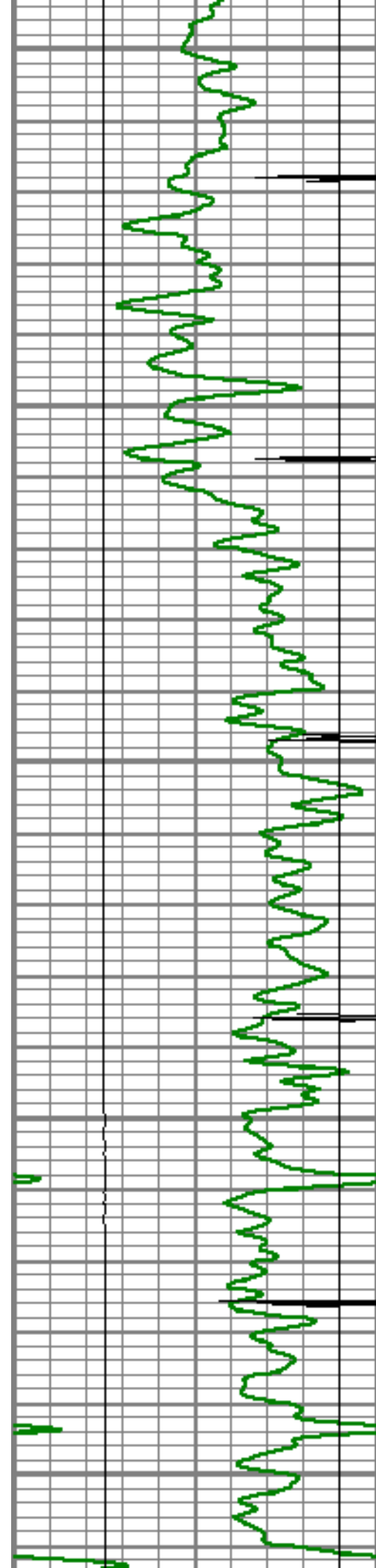
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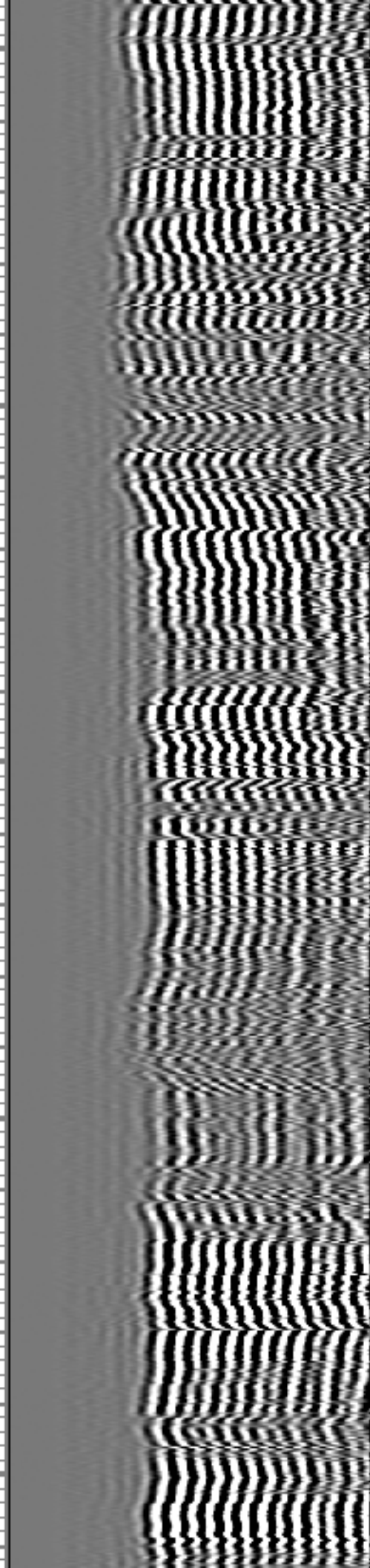
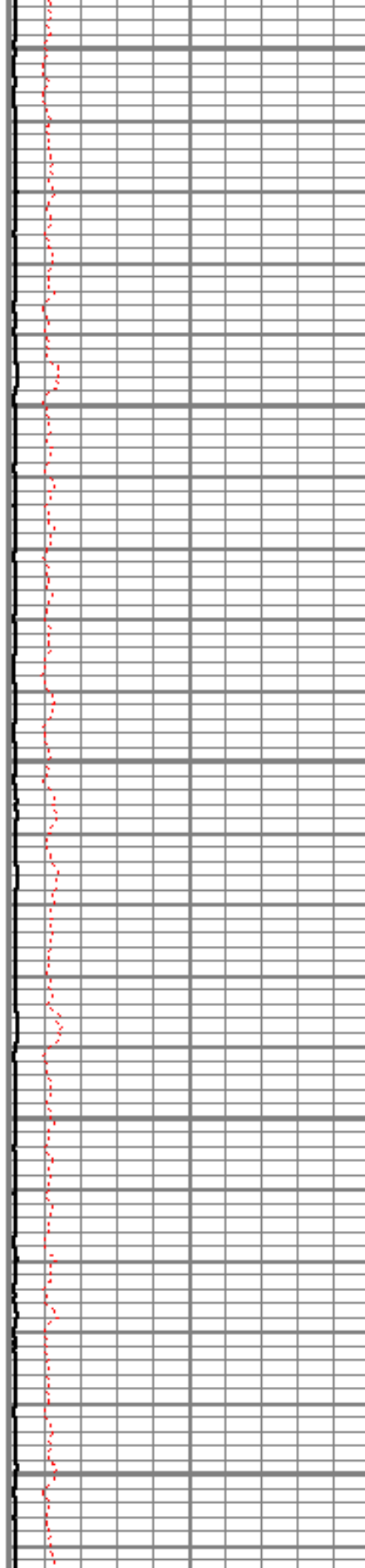
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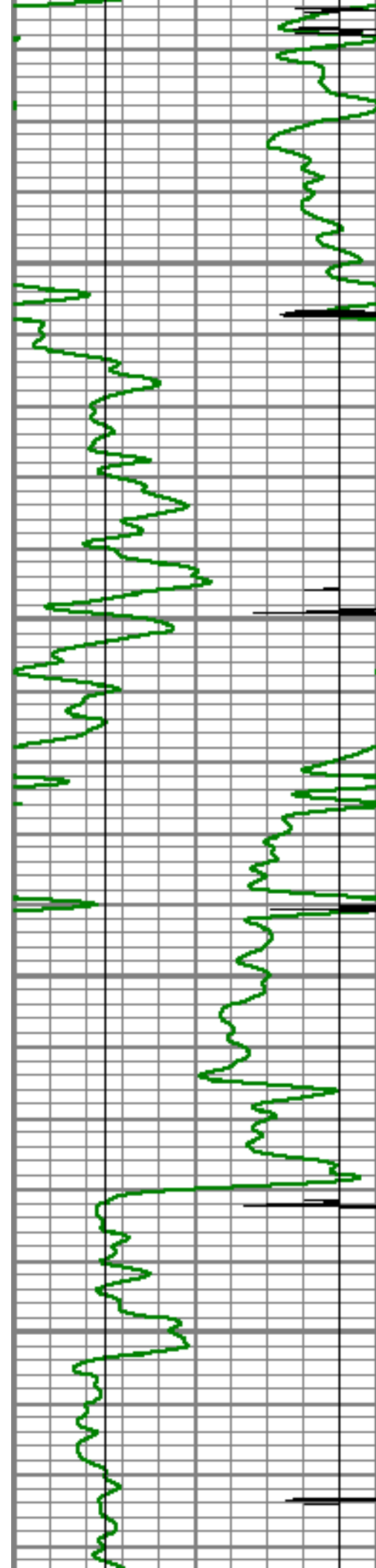
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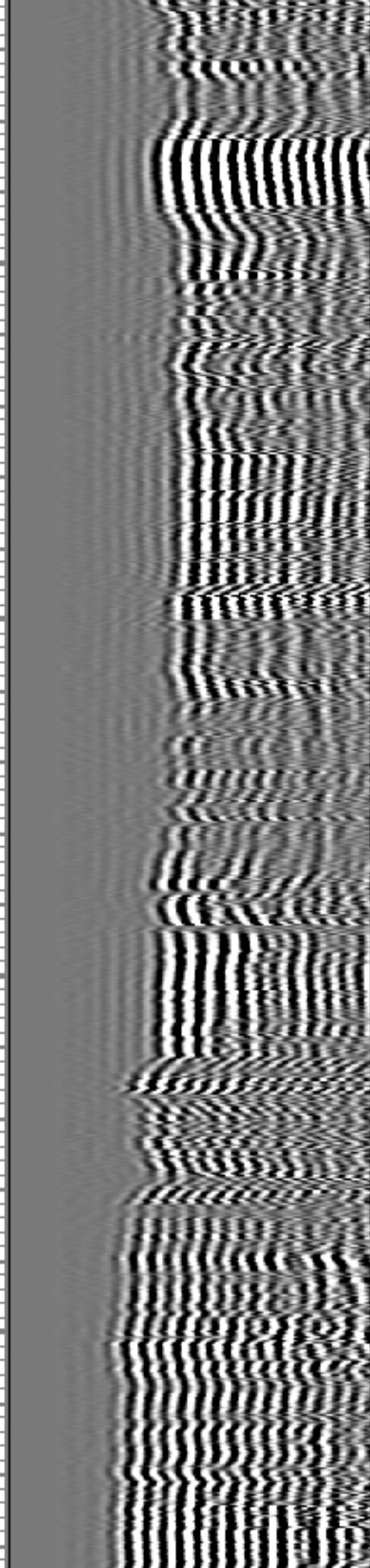
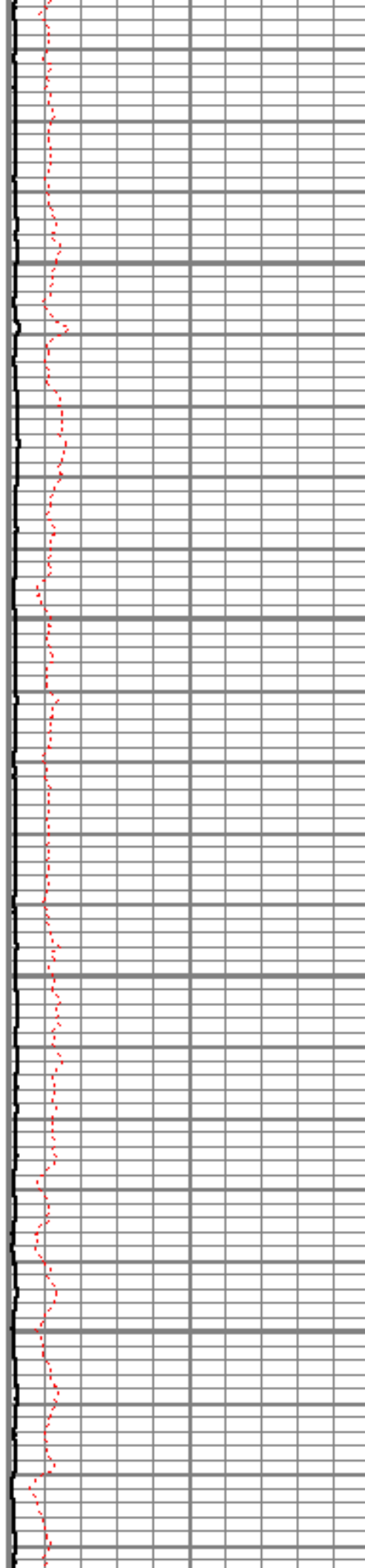


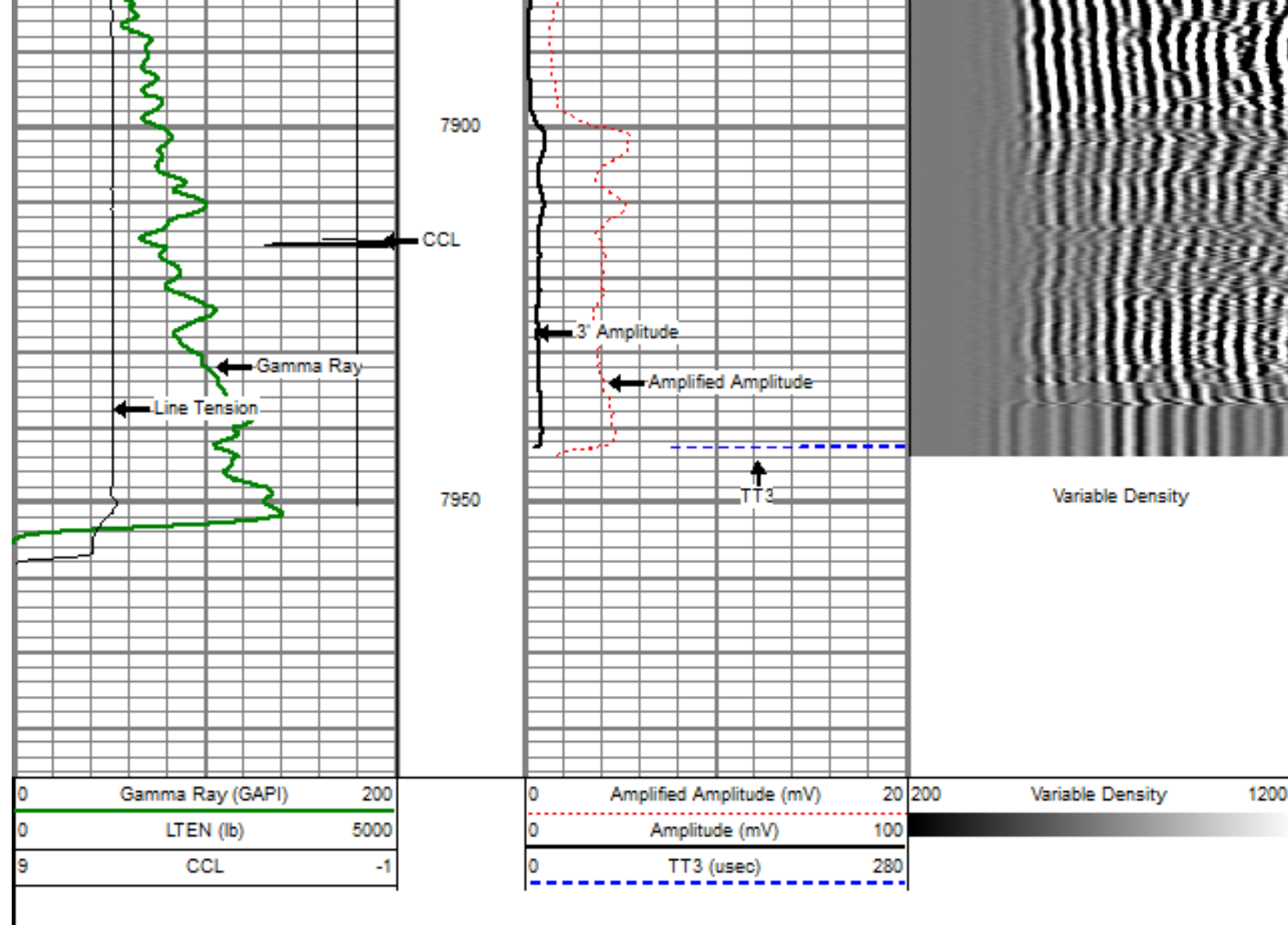
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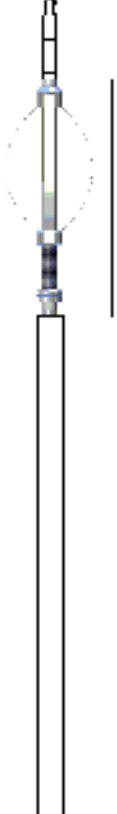
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7850





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	14.54		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.77 1) Probe 2.75" Dual Receiver Bond		2.75	60.00
WVF5	13.54					

				Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00	
CCL	6.50							
				GR-PROBE_GRCCL (PRB_GRCCL_275_01) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00	
GR	3.77							
				TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive pulse Temp tool	2.88	1.38	15.00	
TEMP	0.17							
Dataset: kawakami 4-0-35.db: field/well/run1/pass8 Total Length: 22.96 ft Total Weight: 126.50 lb O.D.: 2.75 in								



Company ENCANA OIL & GAS (USA) INC
 Well KAWAKAMI 4-0-35
 Field WATTENBERG
 County WELD
 State COLORADO