

# CEMENT BOND LOG



Mesa Wireline

Company		ENCANA OIL & GAS (USA) INC	
Well		IONE 8-0-8	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API #: 05-123-30613-0000	
SHL: 160' FNL & 160' FEL		Other Services	
SEC: 8 TWP: 2N RGE: 66W		NONE	
Permanent Datum		GROUND LEVEL Elevation 4905'	
Log Measured From		KELLY BUSHING = 13'	
Drilling Measured From		KELLY BUSHING	
Elevation		K.B. 4918'	
		D.F. 4917'	
		G.L. 4905'	

Date	19 DECEMBER 2012									
Run Number	ONE									
Depth Driller	7984'									
Depth Logger	7929'									
Bottom Logged Interval	7929'									
Top Log Interval	2750'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.3#									
Max. Recorded Temp.	285 DEG F									
Estimated Cement Top	2890'									
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			Tubing Record							
Run Number	Bit	From	To	Size	Weight	From	To			
ONE	12.25"	0'	840'							
TWO	7.875"	840'	7970'							
Casing Record	Size	Wgt/Ft	Top	Bottom						
Surface String	8.625"	24#	0'	838'						
Prot. String										
Production String	4.5"	11.6#	0'	7984'						
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 CORRELATED TO PIONEER HIGH RESOLUTION INDUCTION LOG DATED 6 DECEMBER 2012

SHORT JOINT: 7047' - 7068'

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



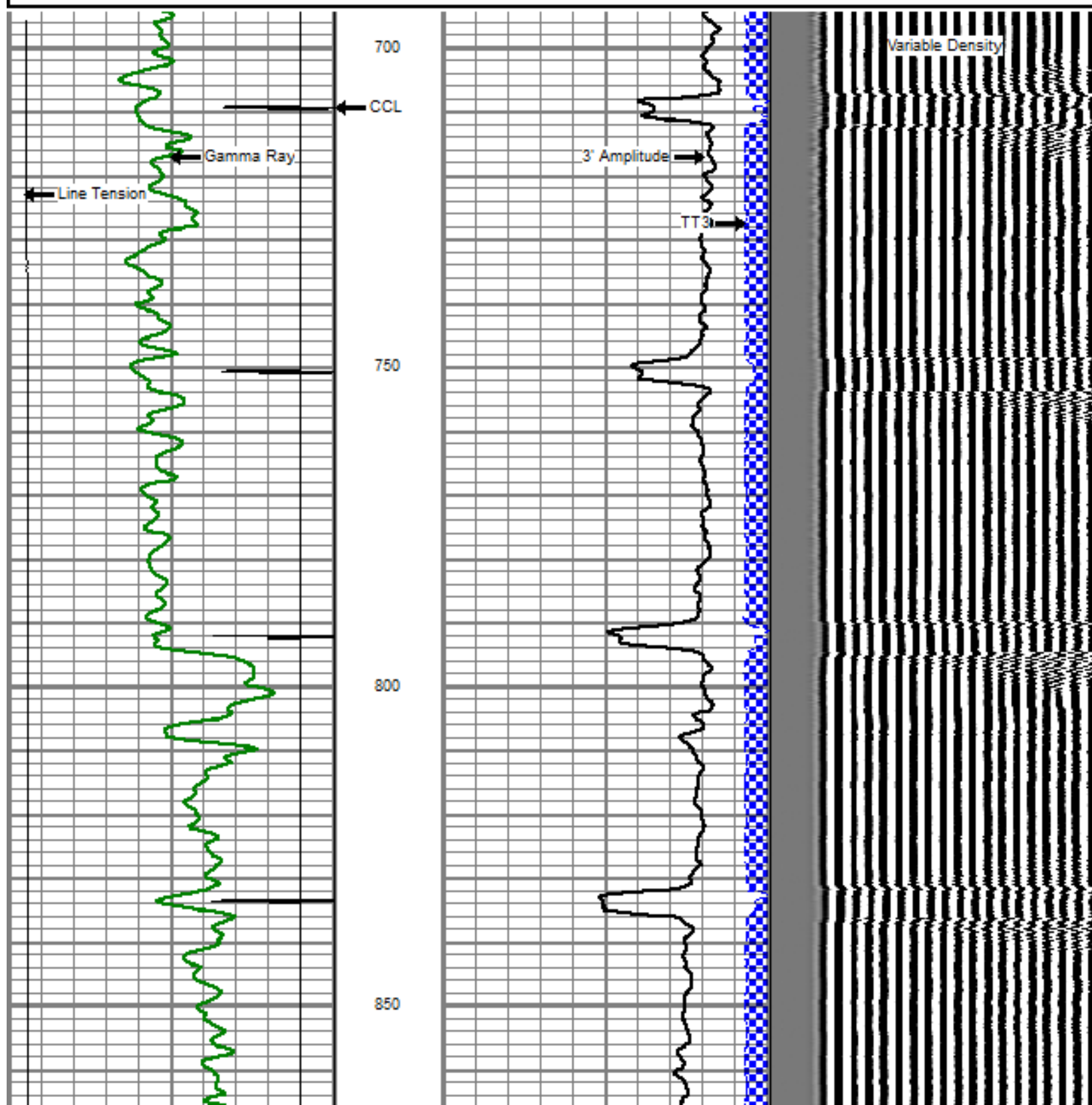
TOP PASS

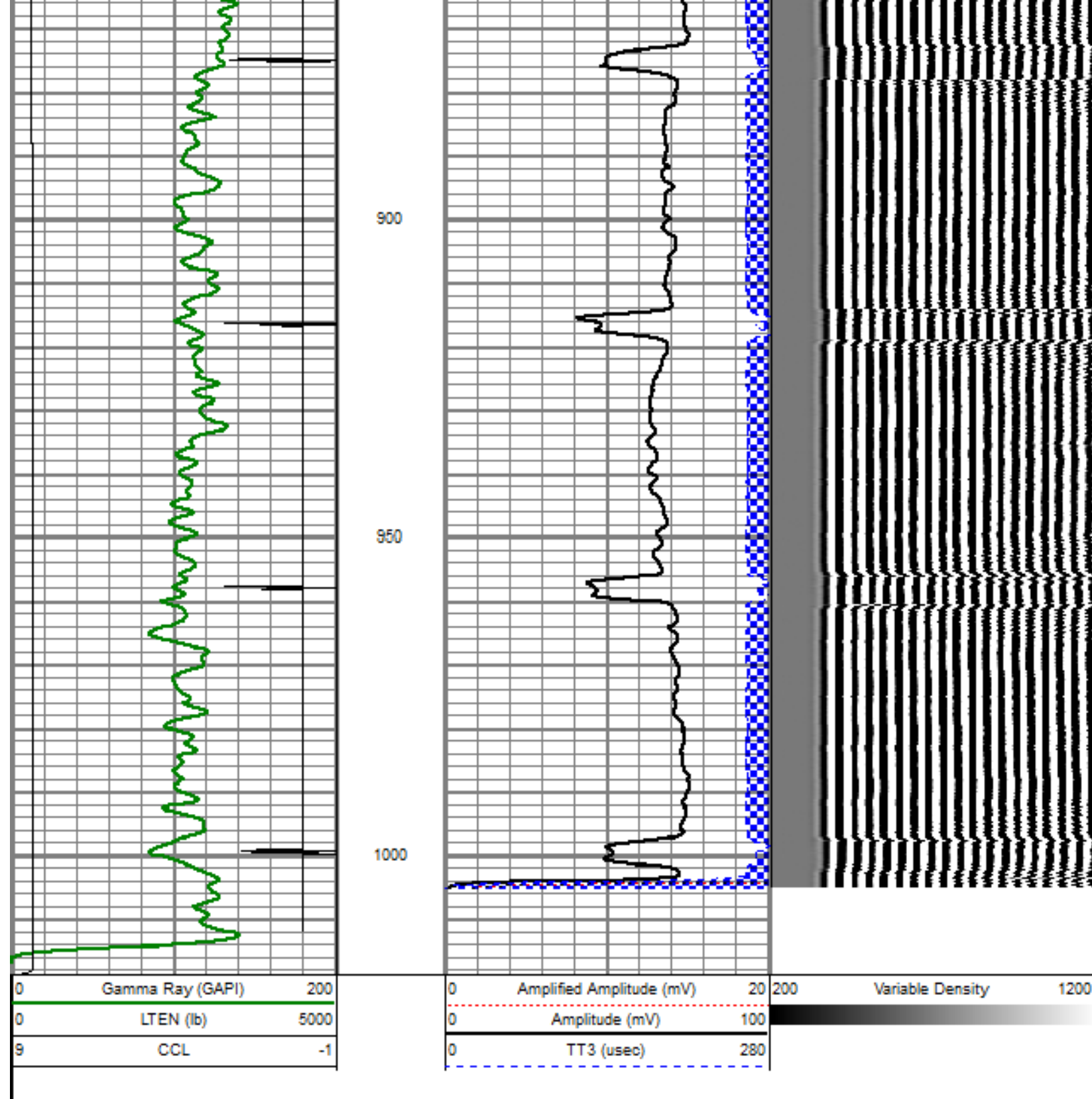
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Dataset Pathname: pass5  
Presentation Format: dobl\_prb  
Dataset Creation: Wed Dec 19 14:31:37 2012 by Log SCH 110930  
Charted by: Depth in Feet scaled 1:240

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

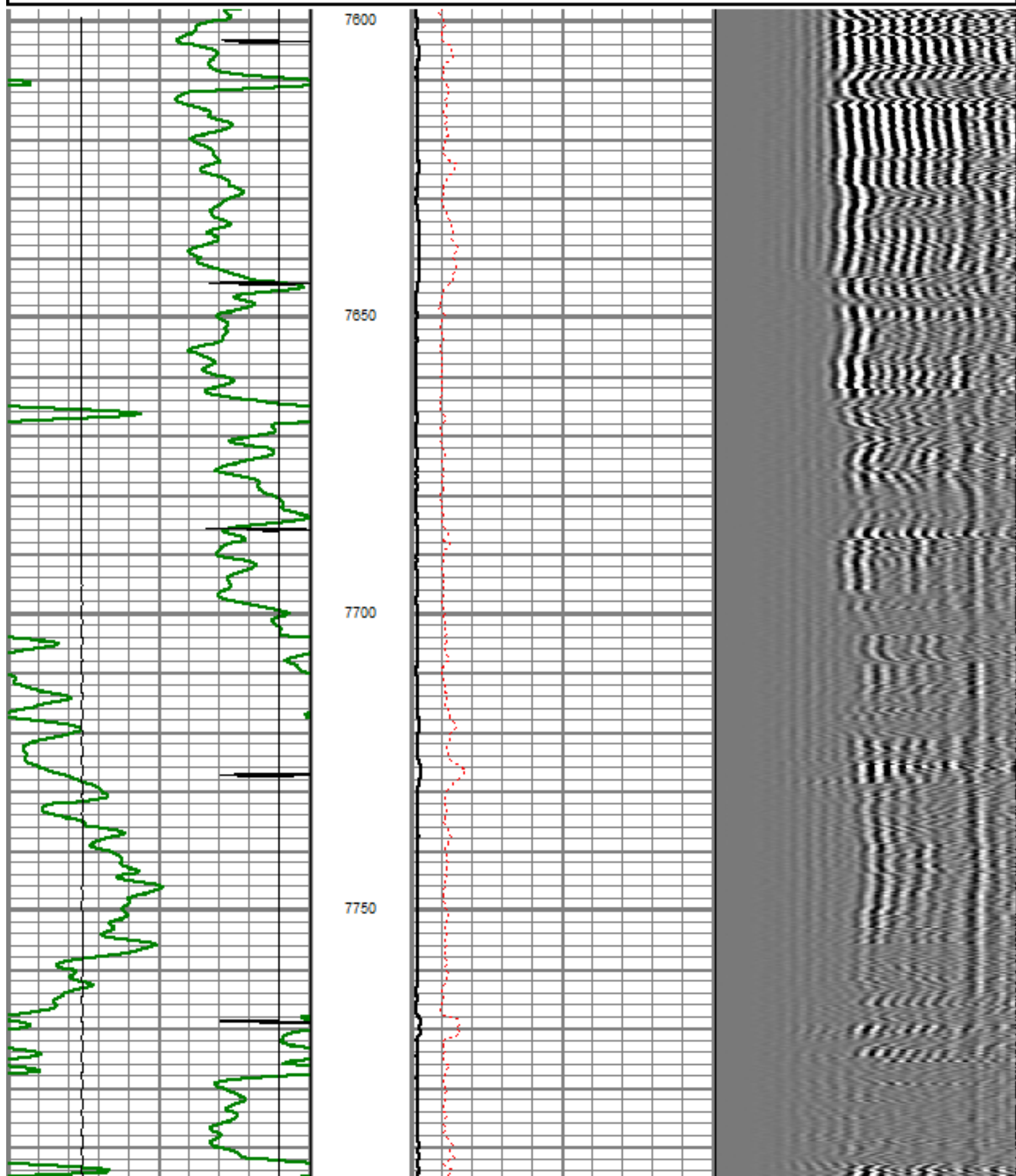
5" = 100'

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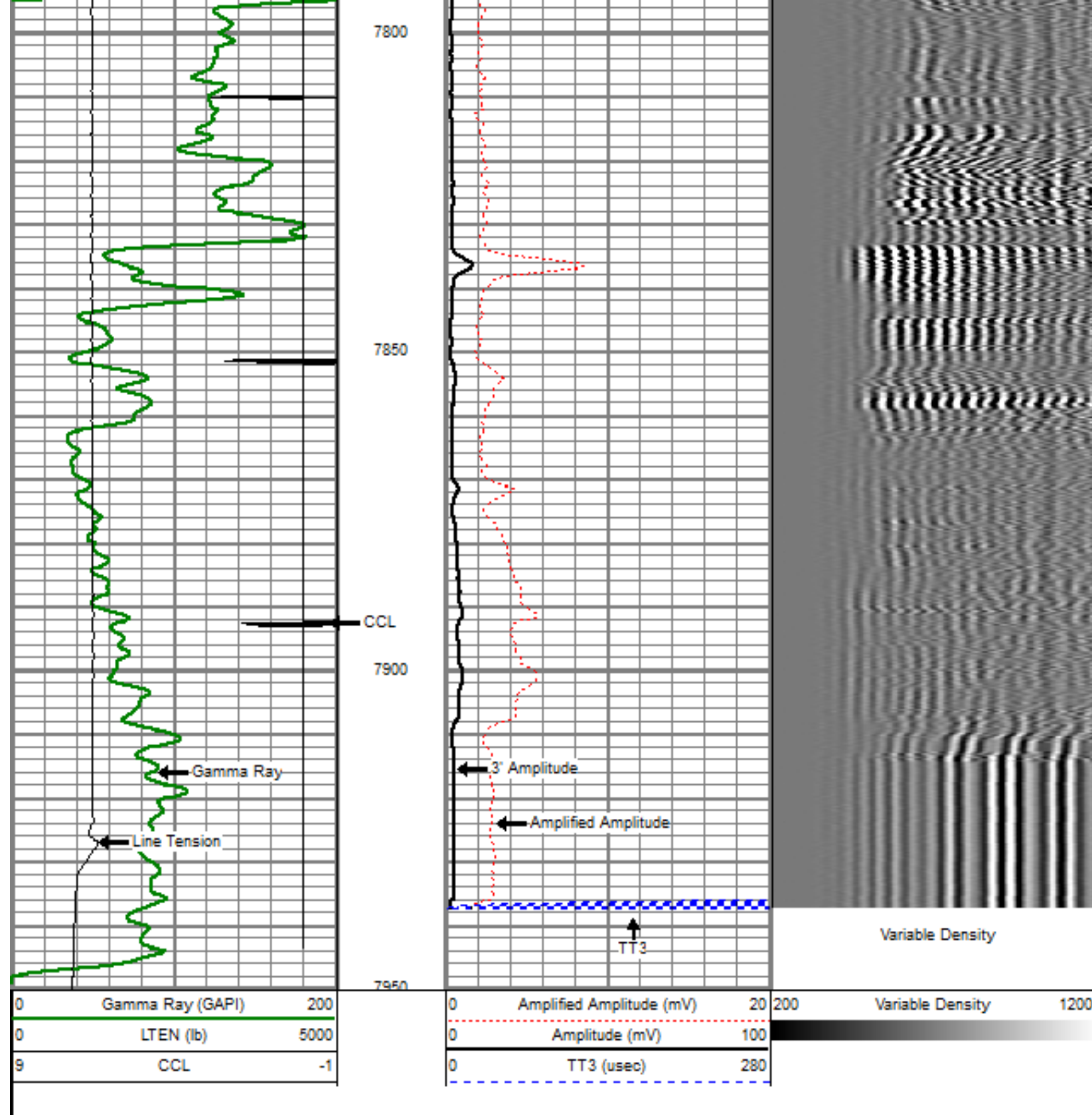
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0	LTEN (lb)	5000
9	CCL	-1

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

200	Variable Density	1200
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MAIN PASS

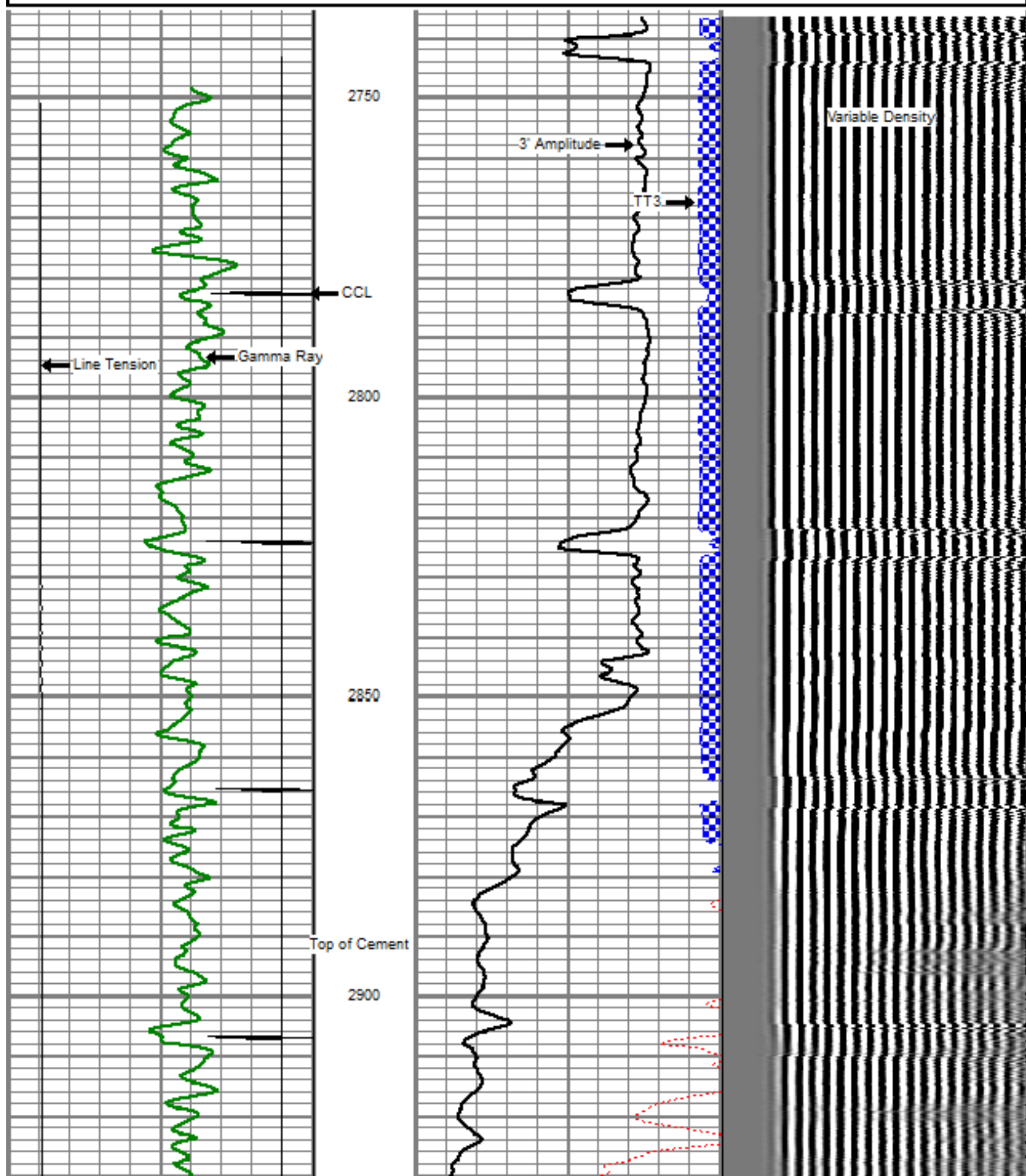
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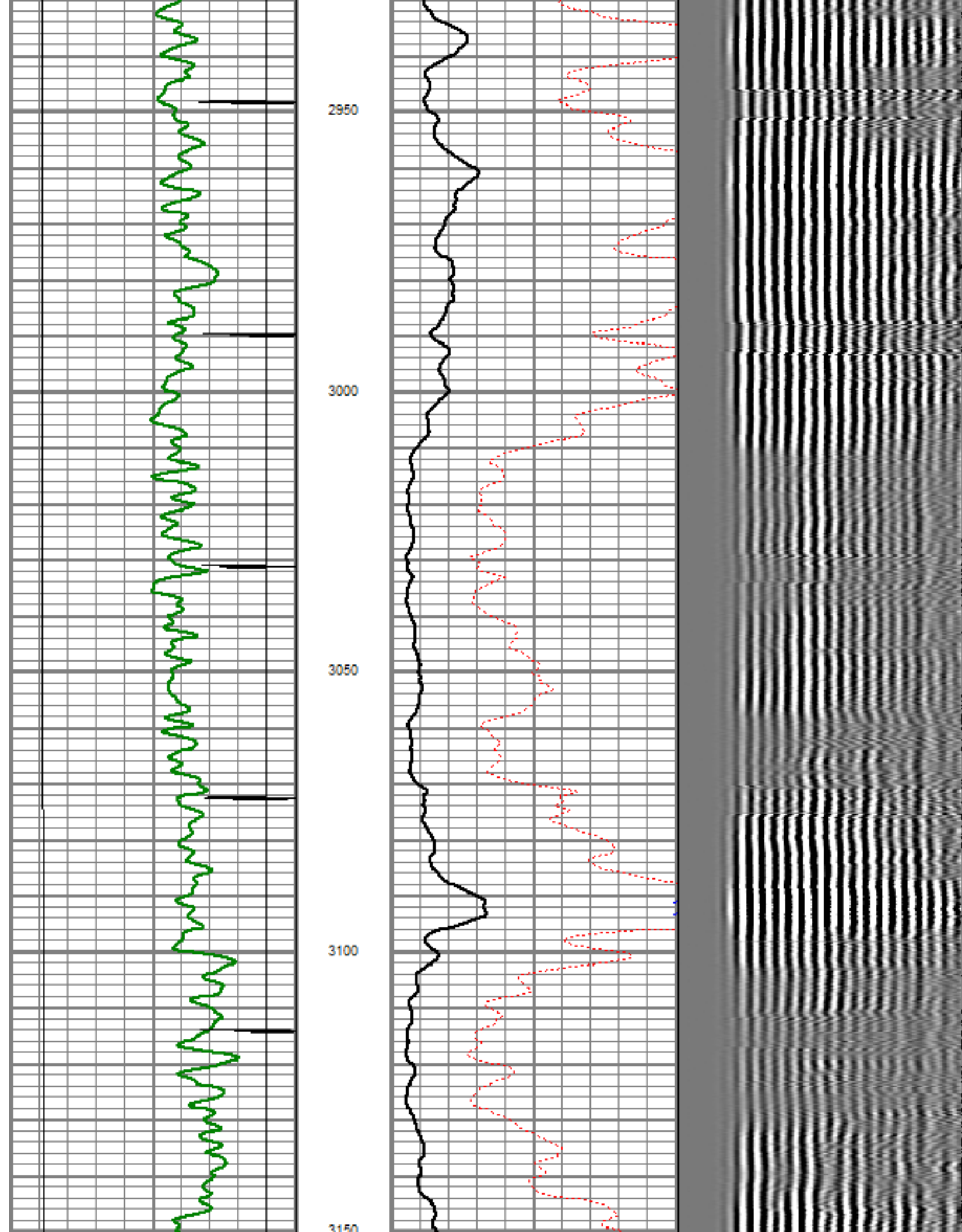
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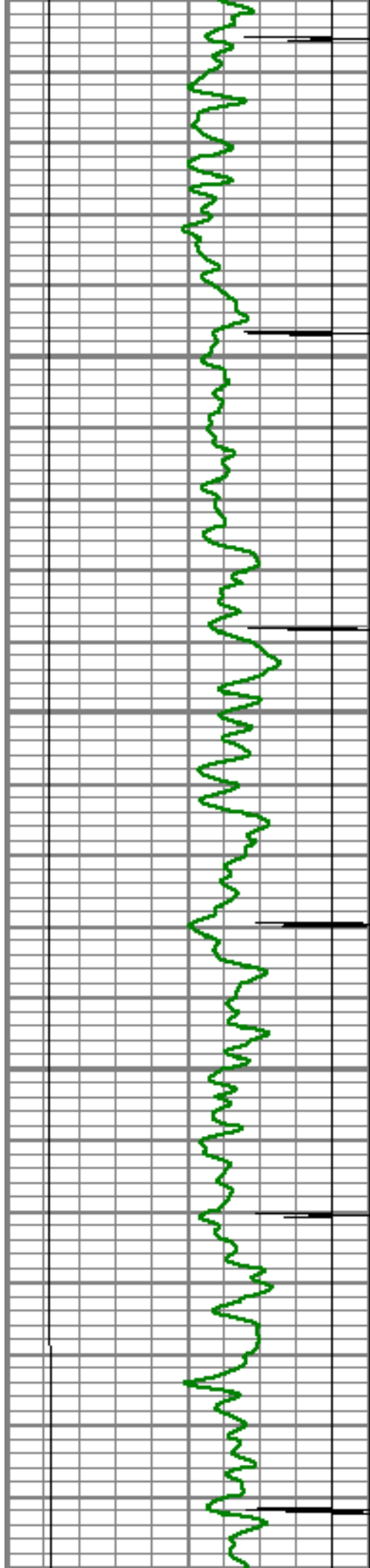
0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100
0	TT3 (usec)	280

200	Variable Density	1200
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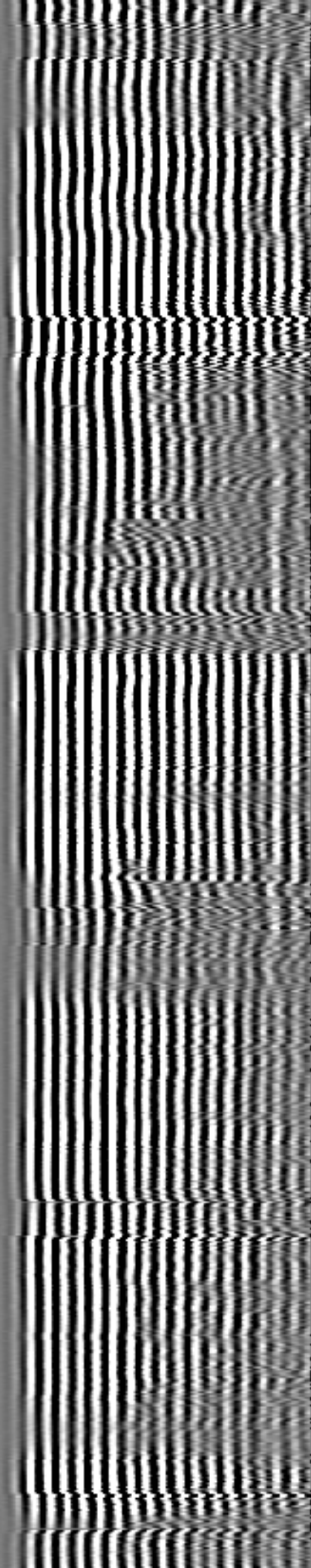
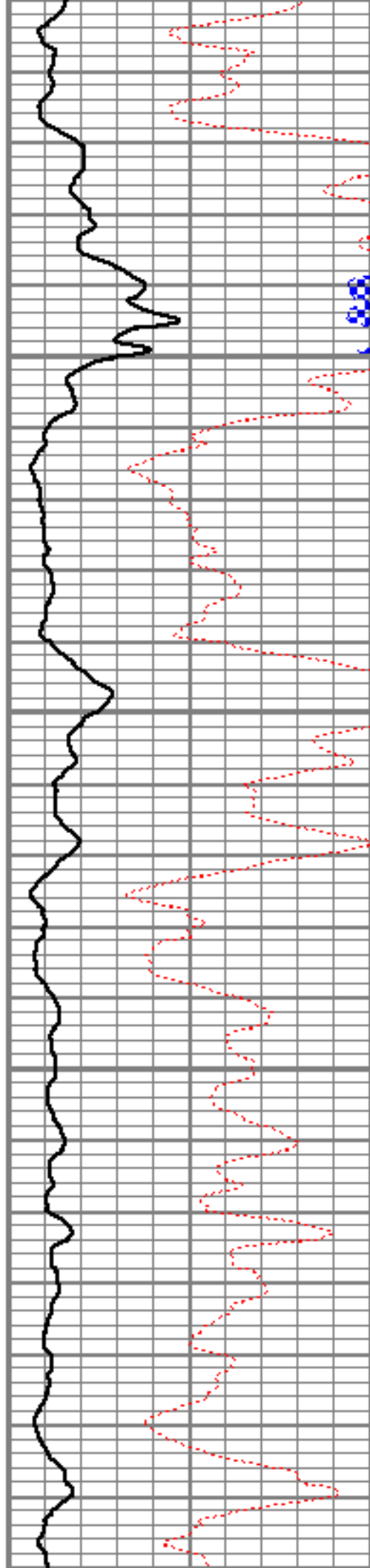
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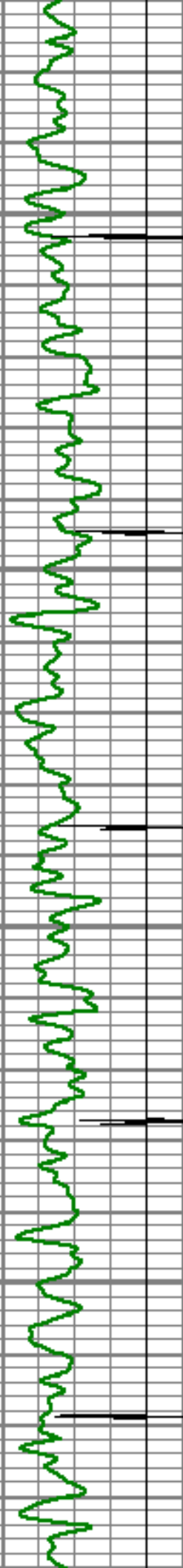
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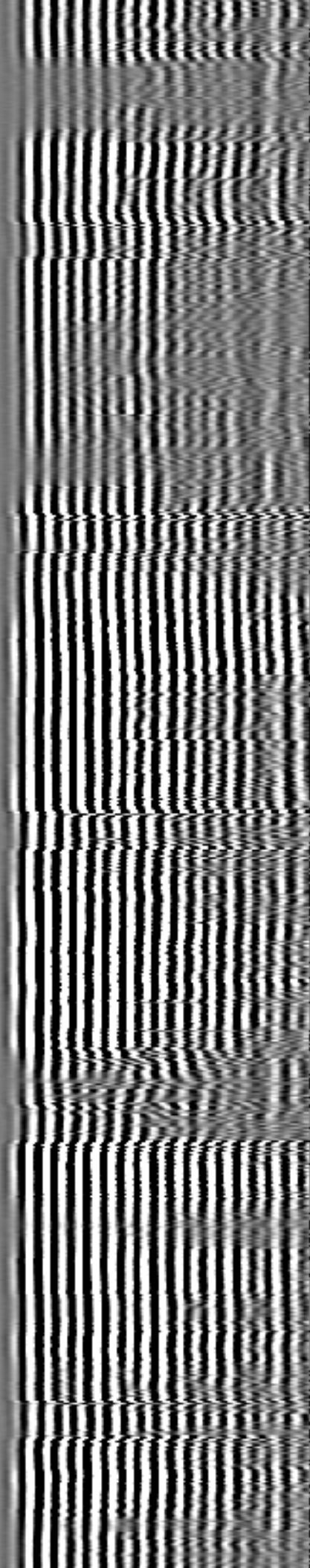
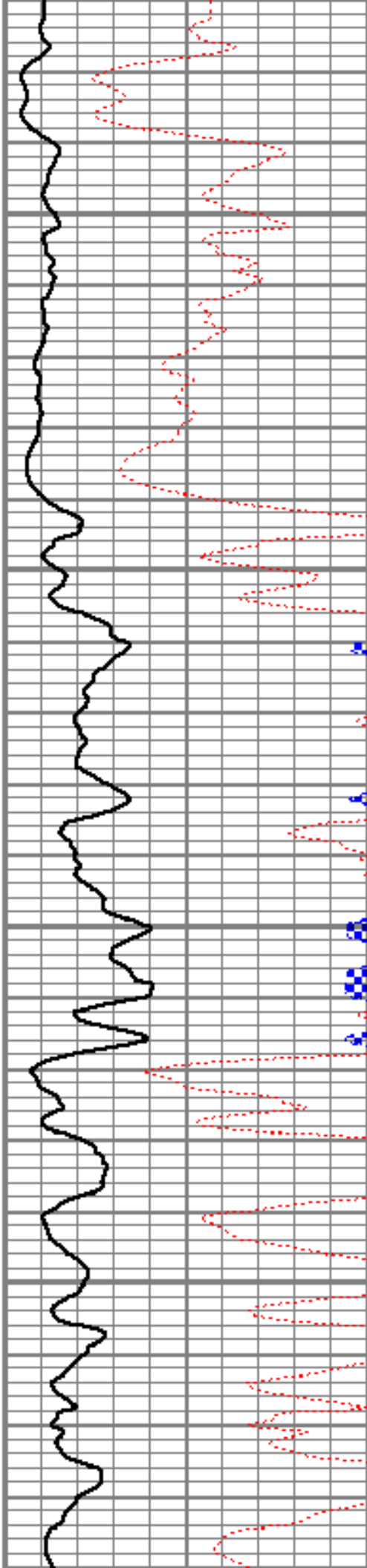


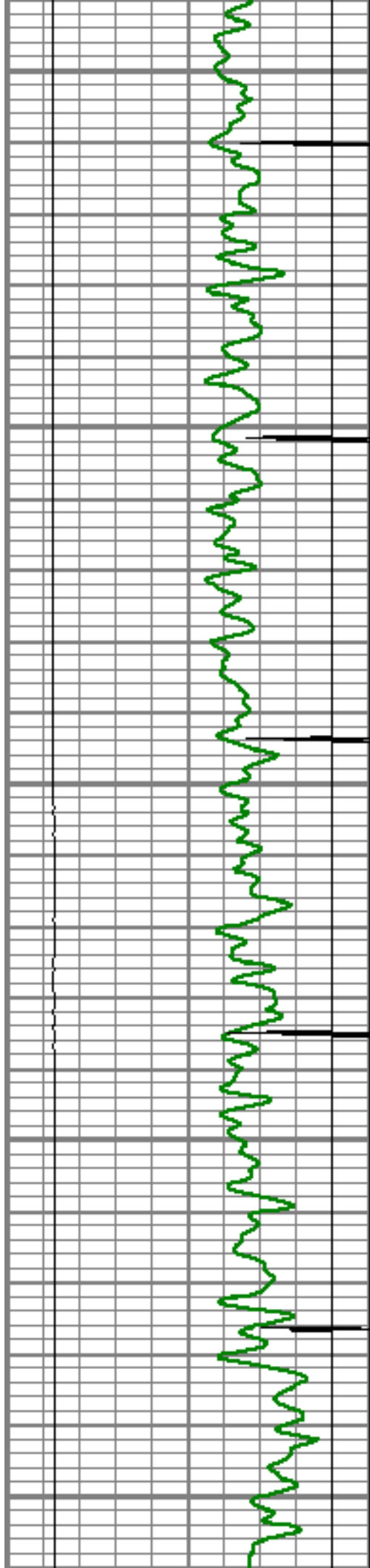
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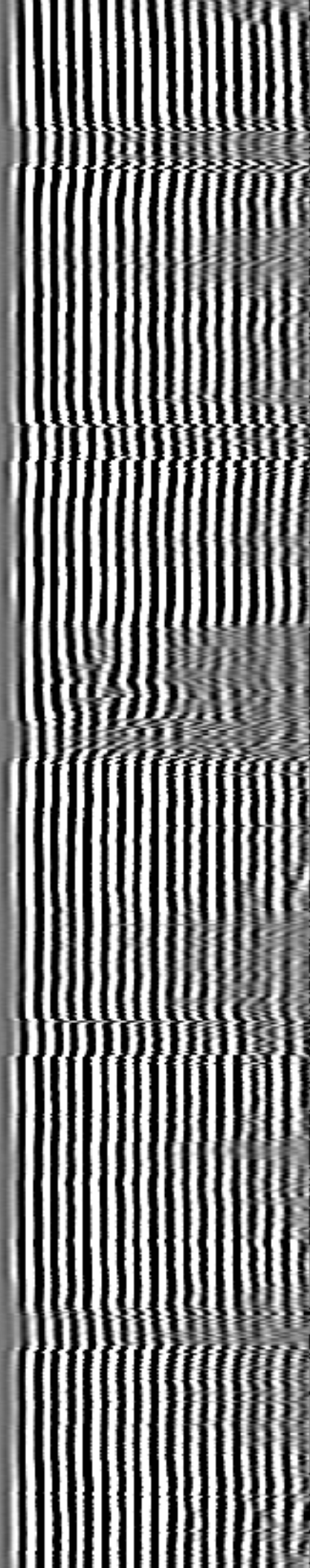
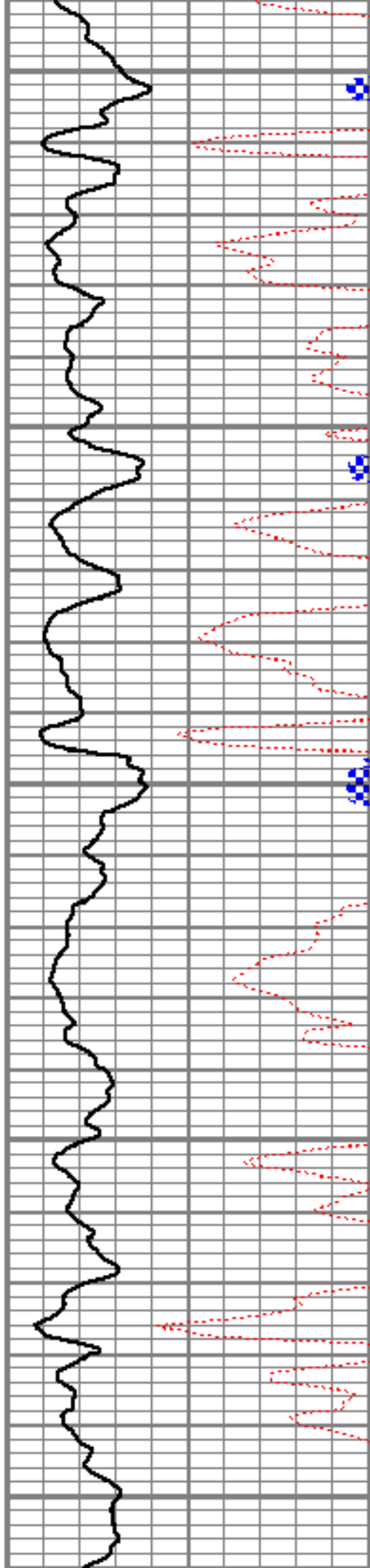
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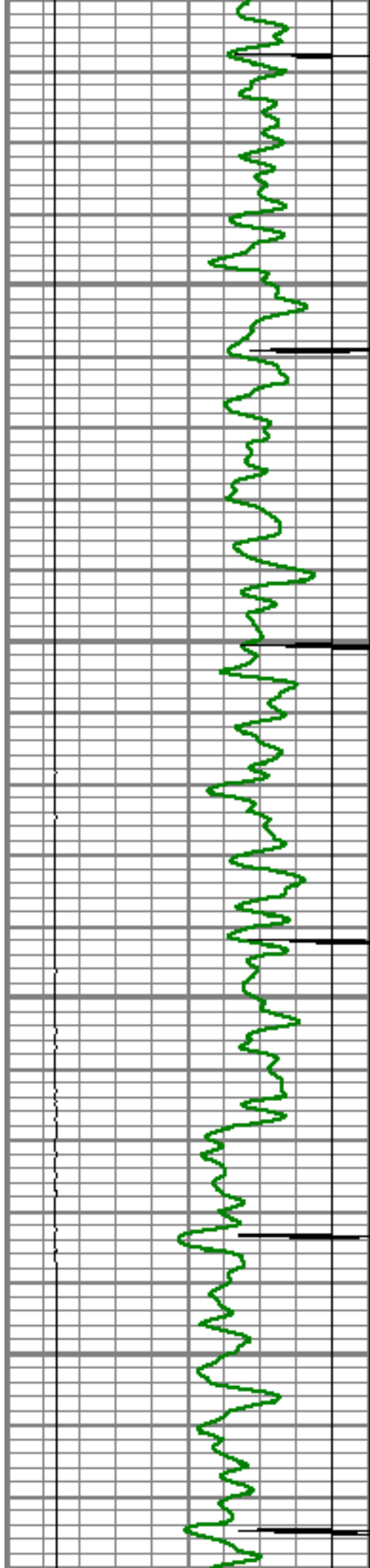
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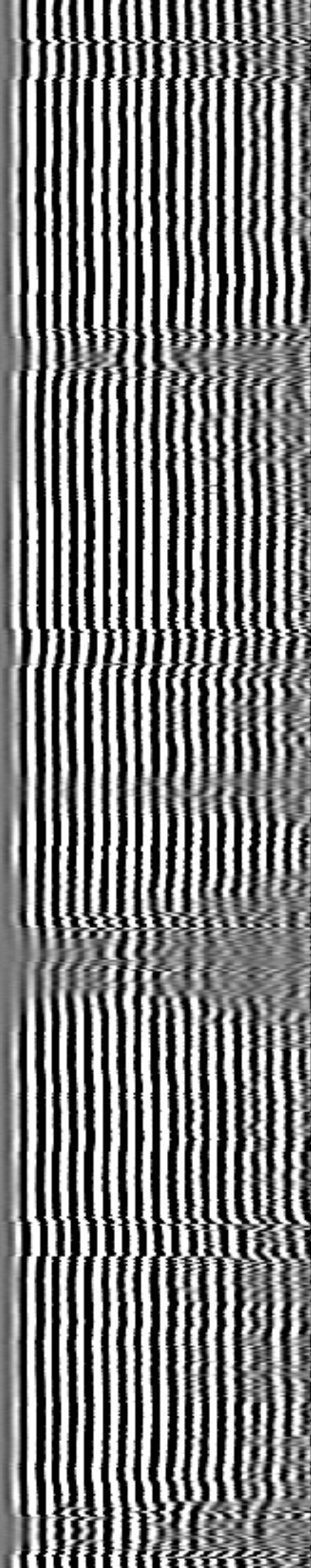
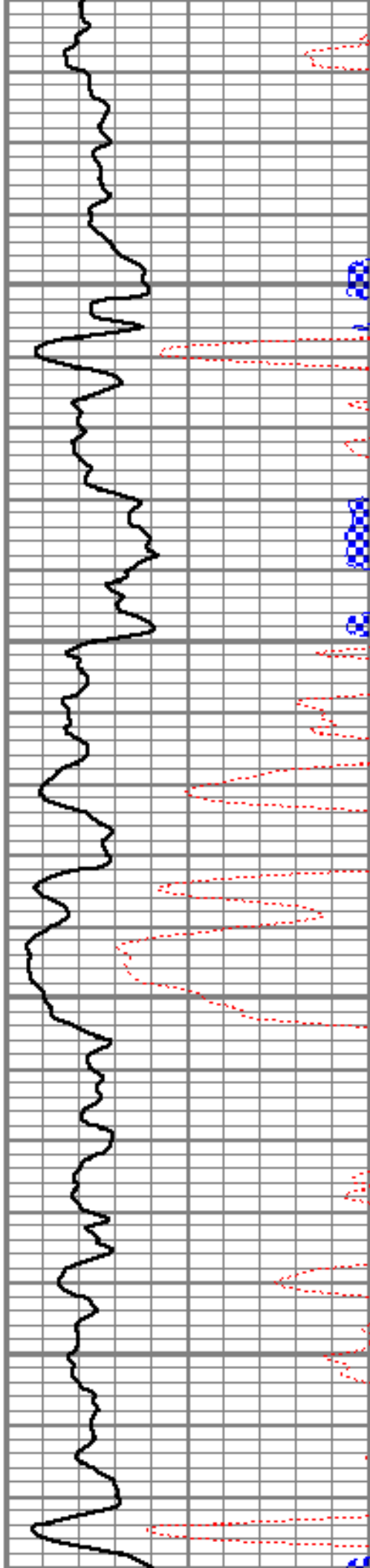


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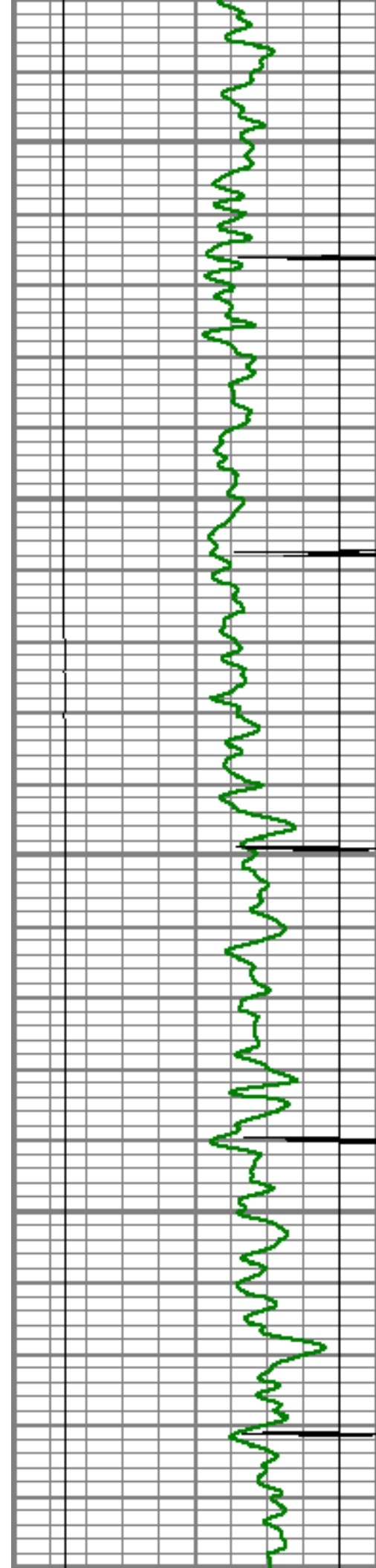
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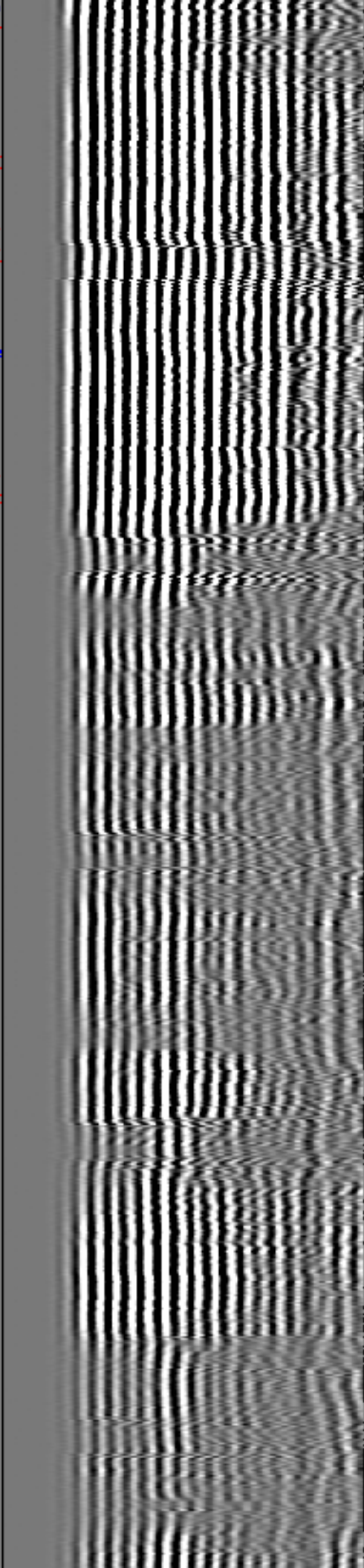
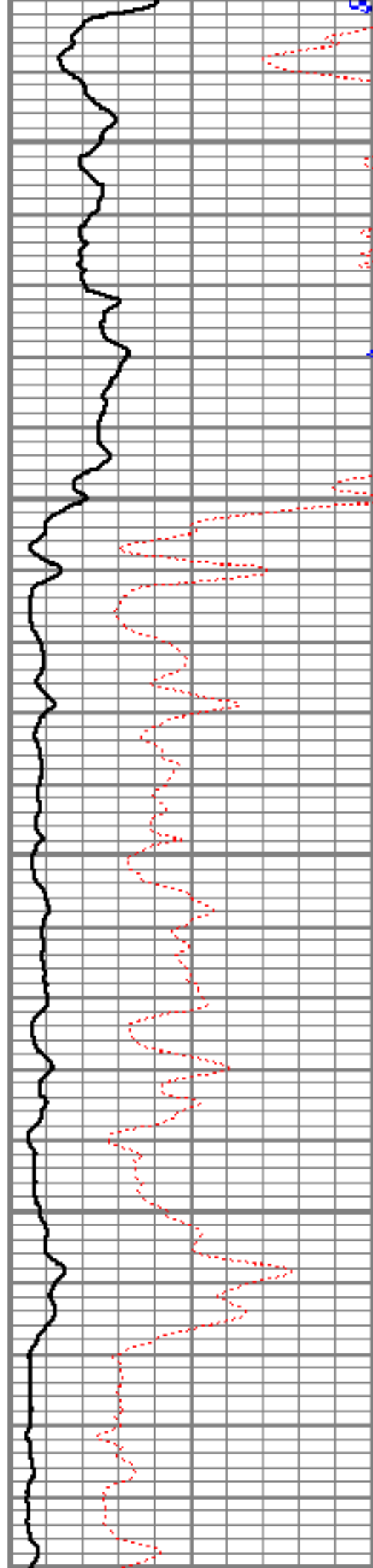
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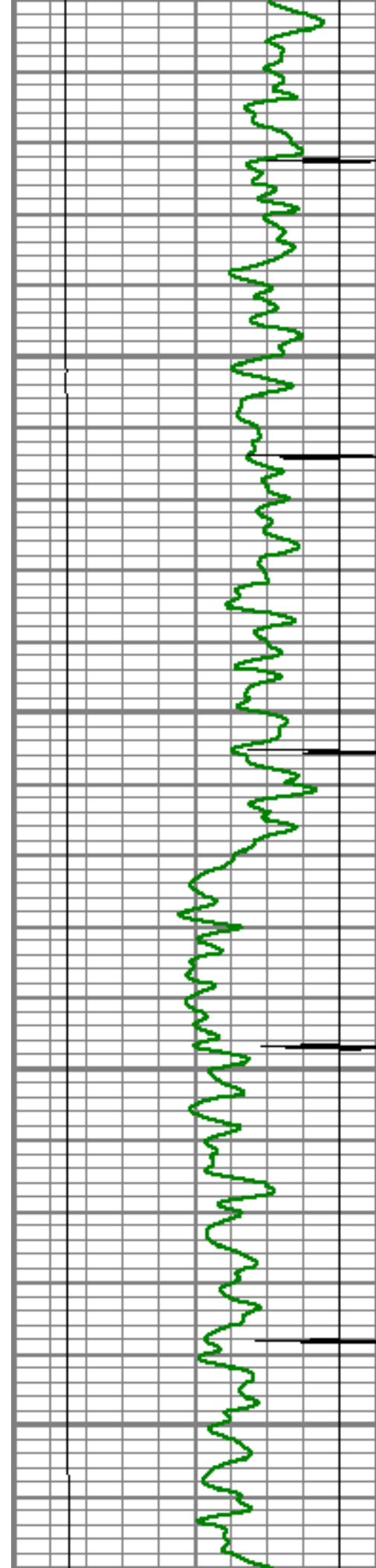
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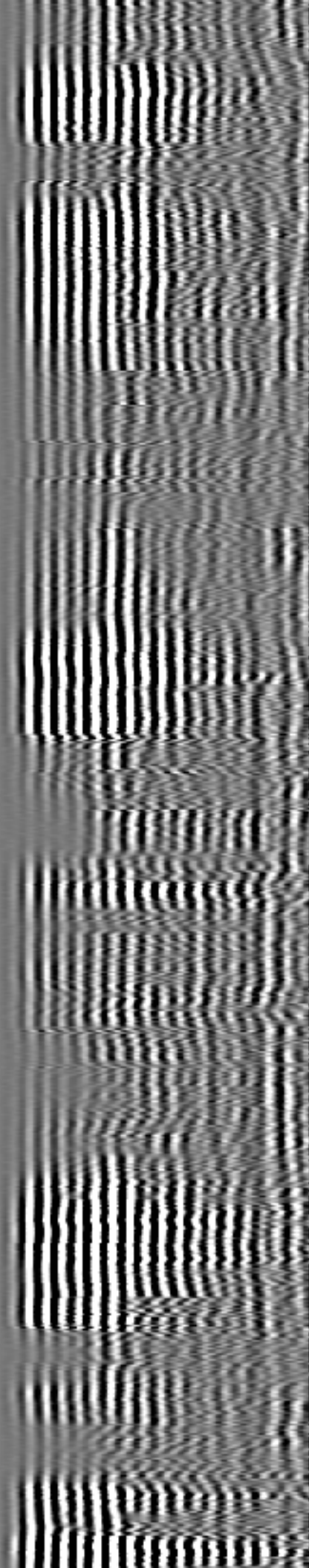
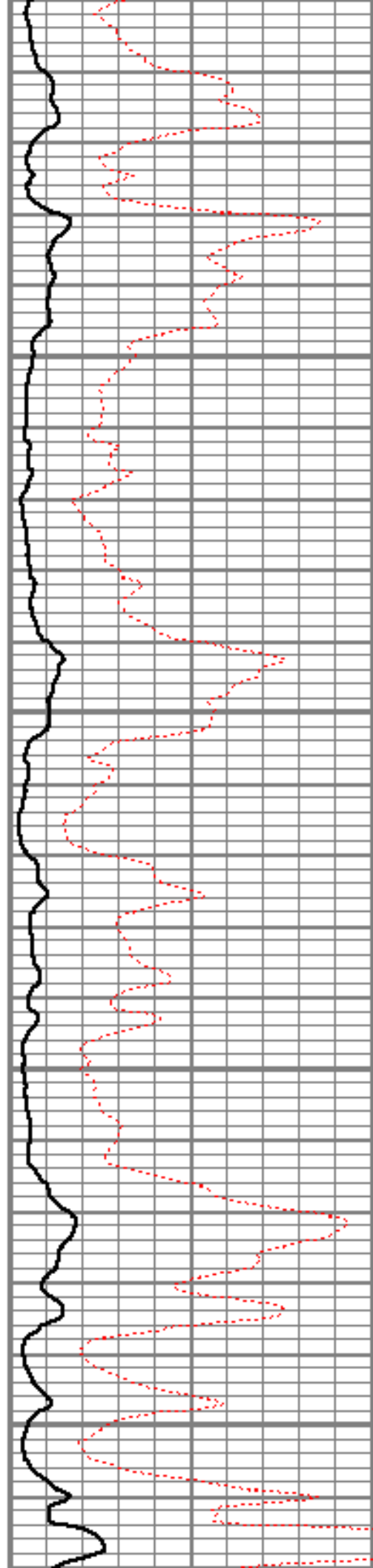
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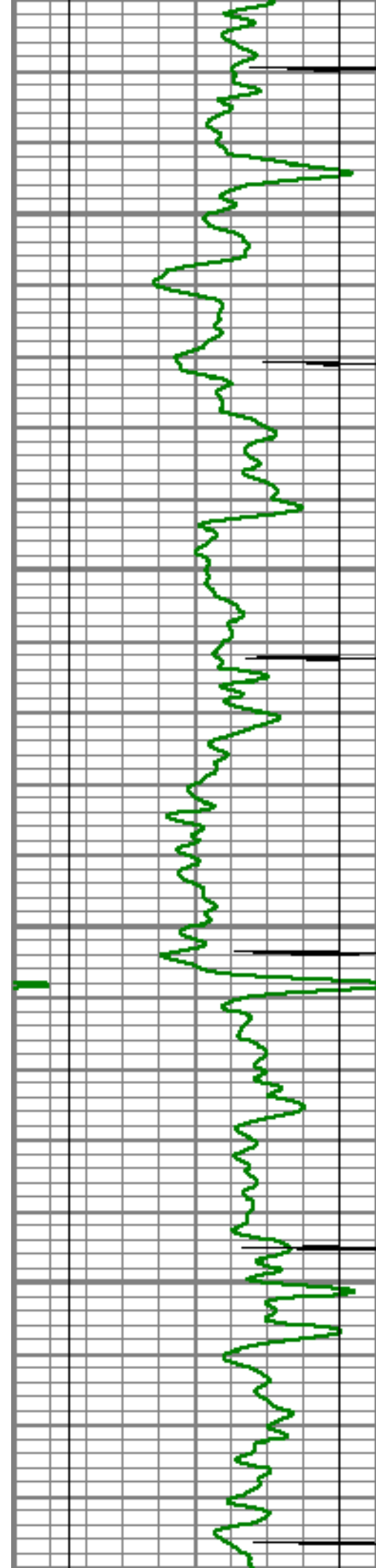
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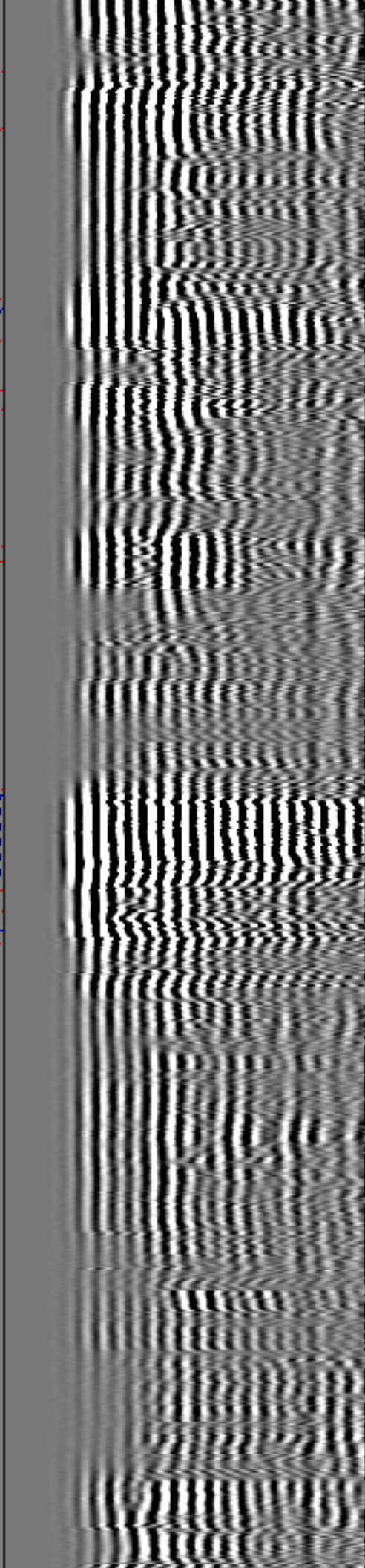
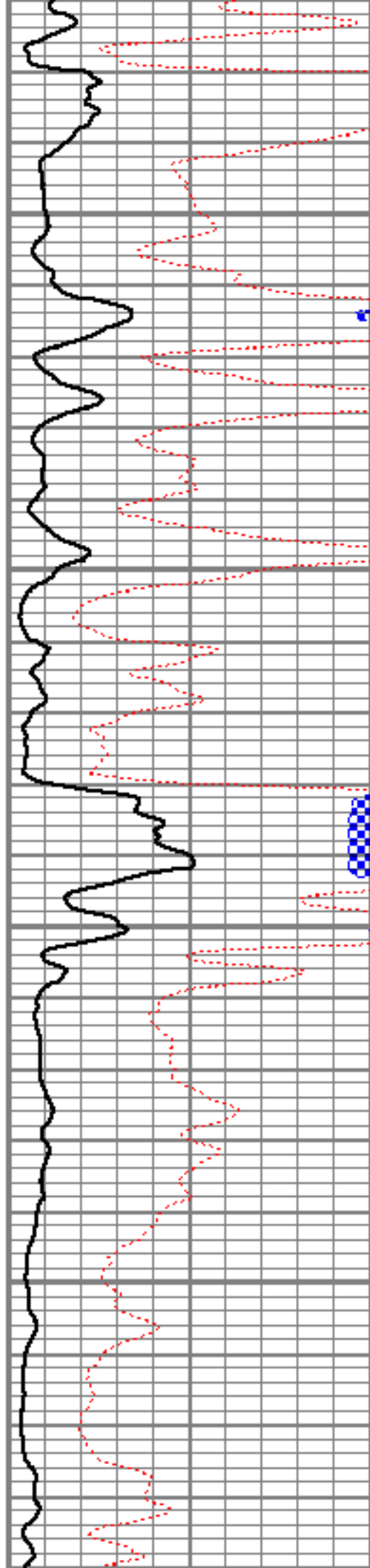


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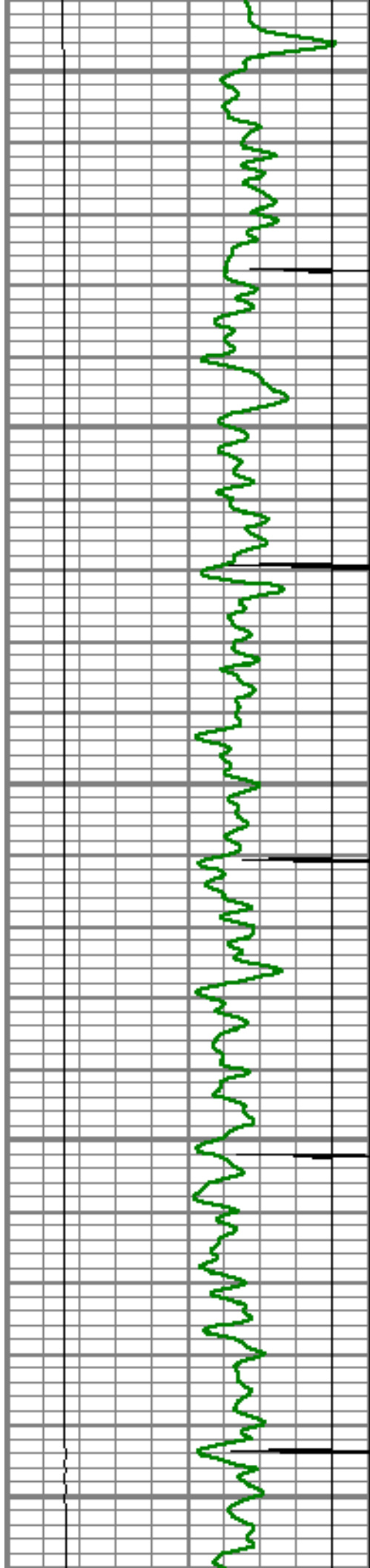
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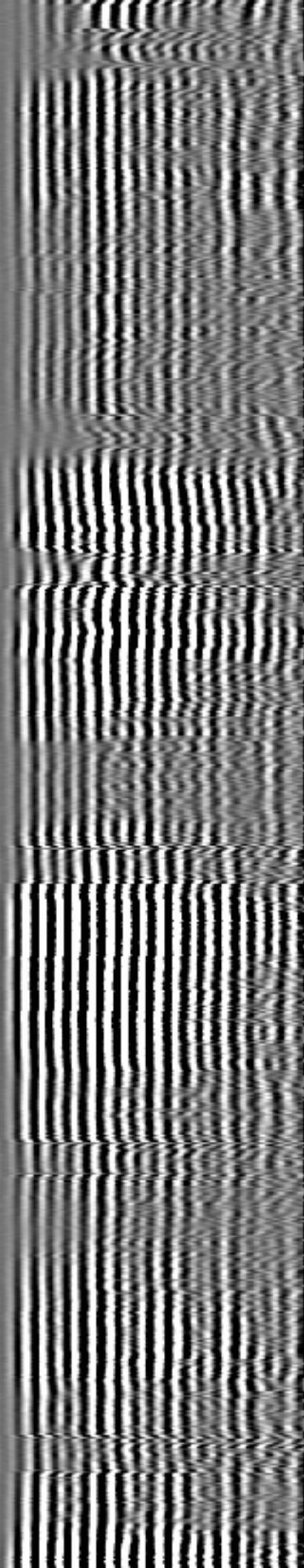
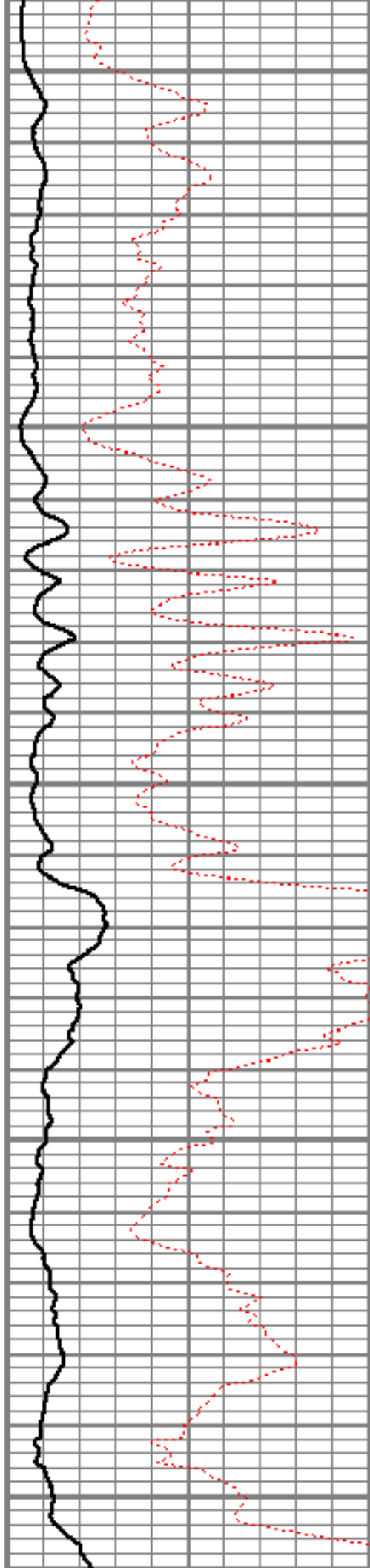
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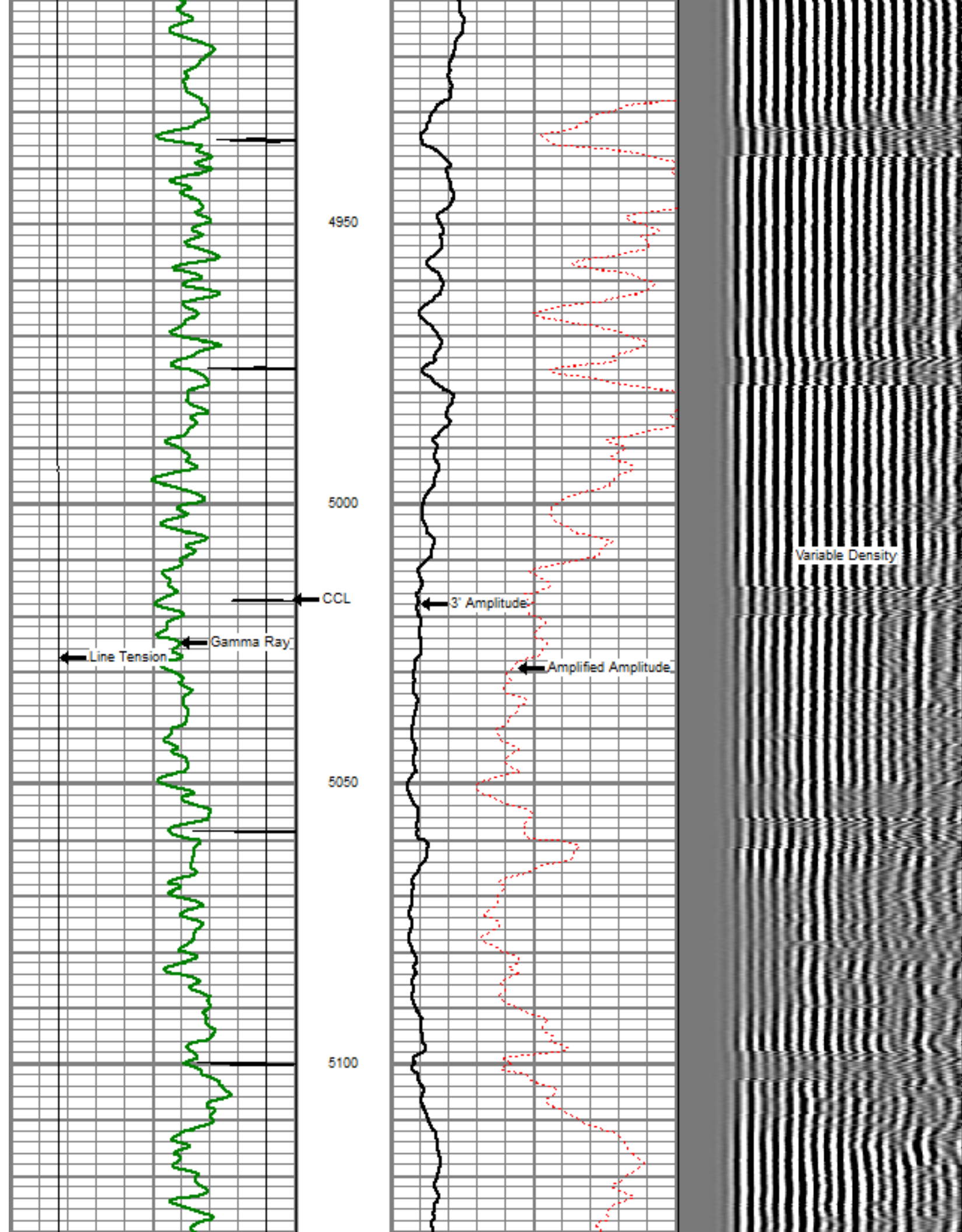
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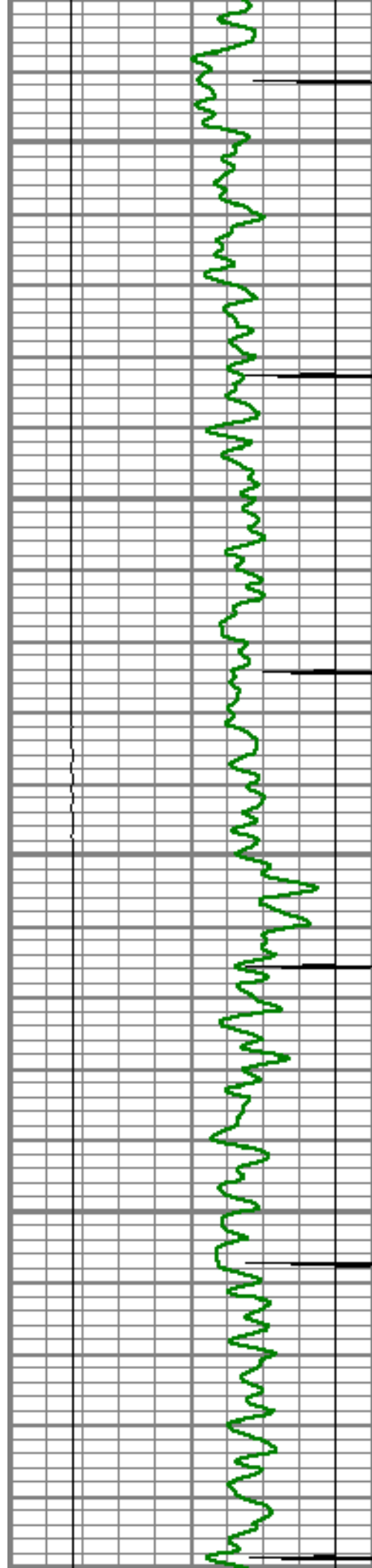
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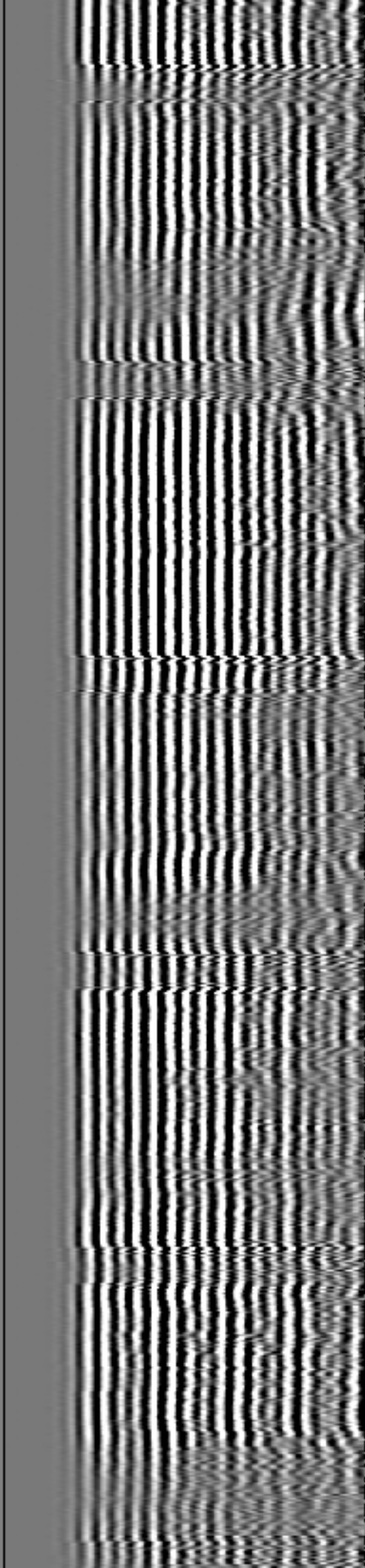
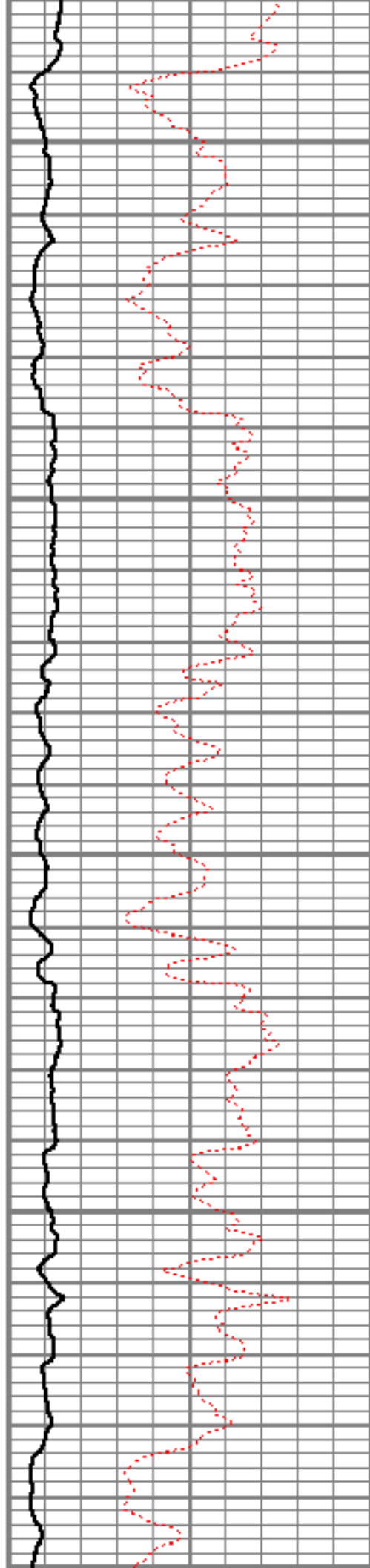
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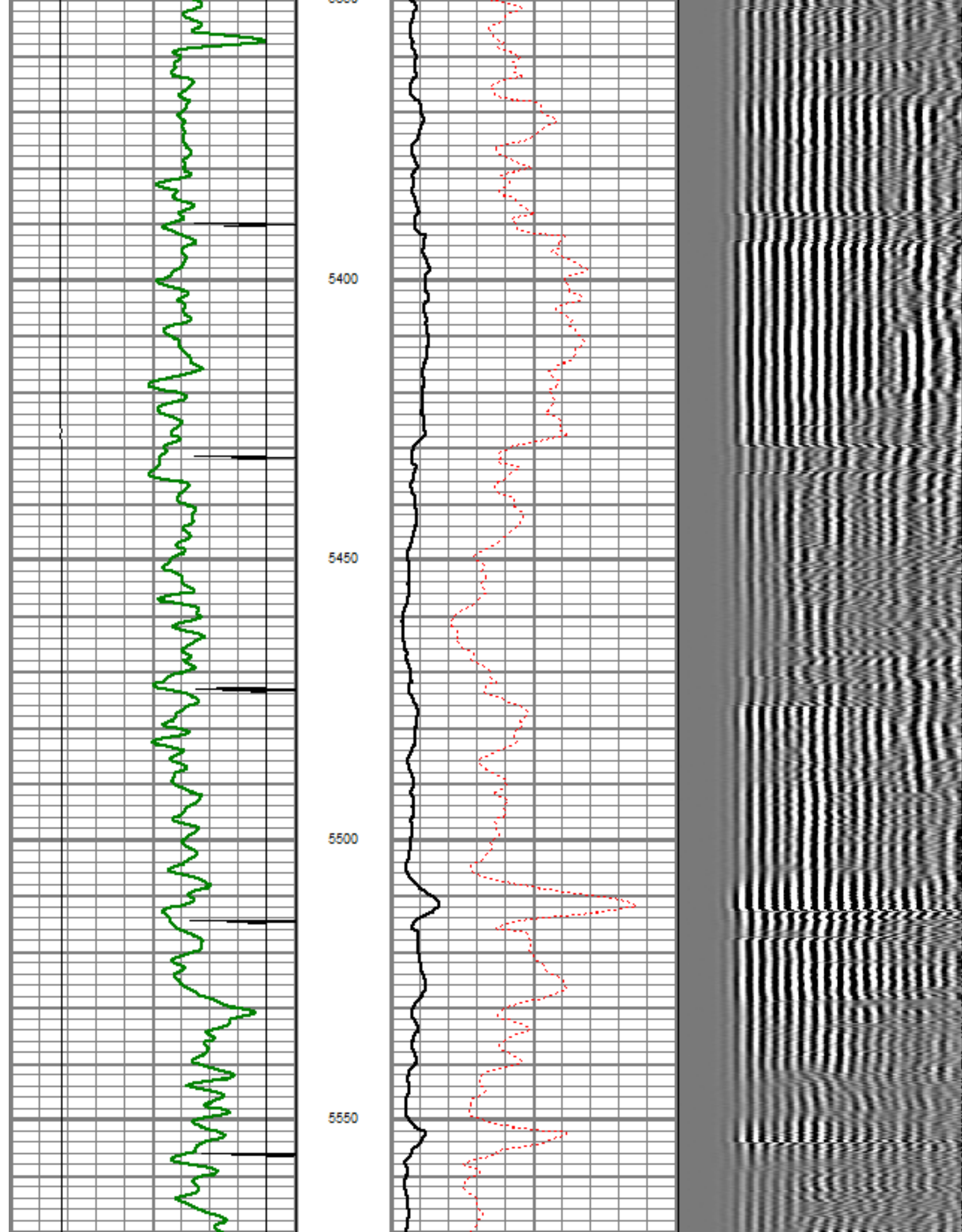
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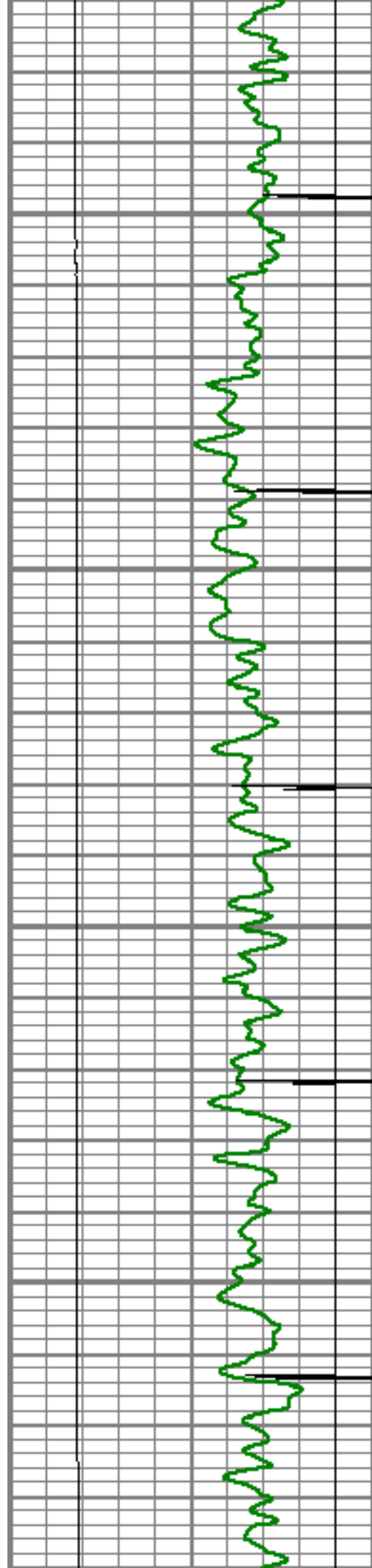
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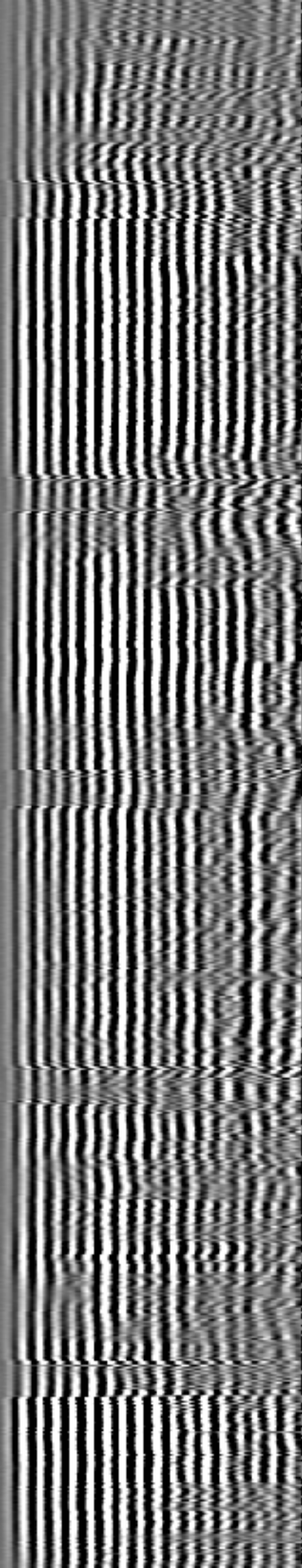
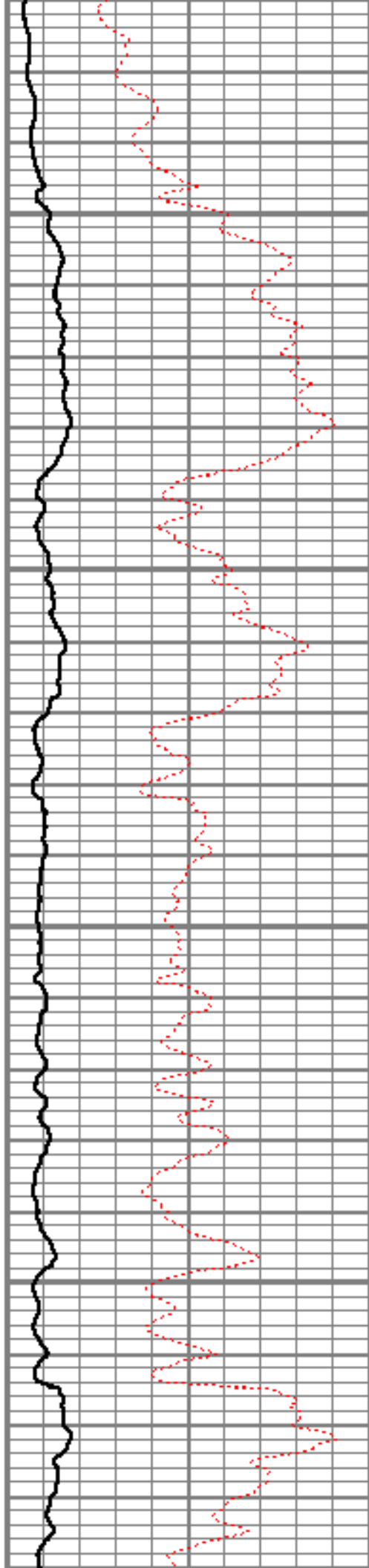


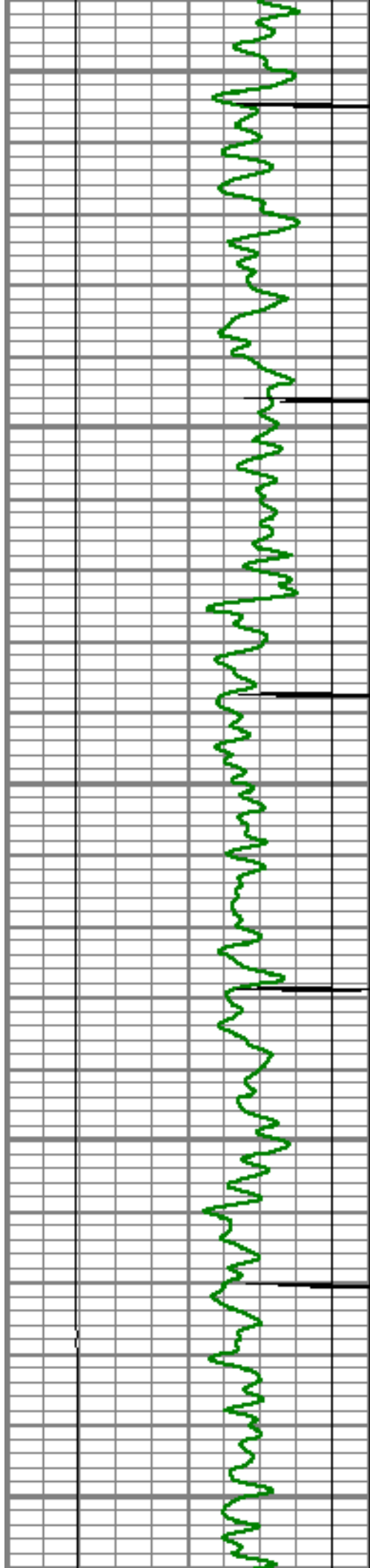
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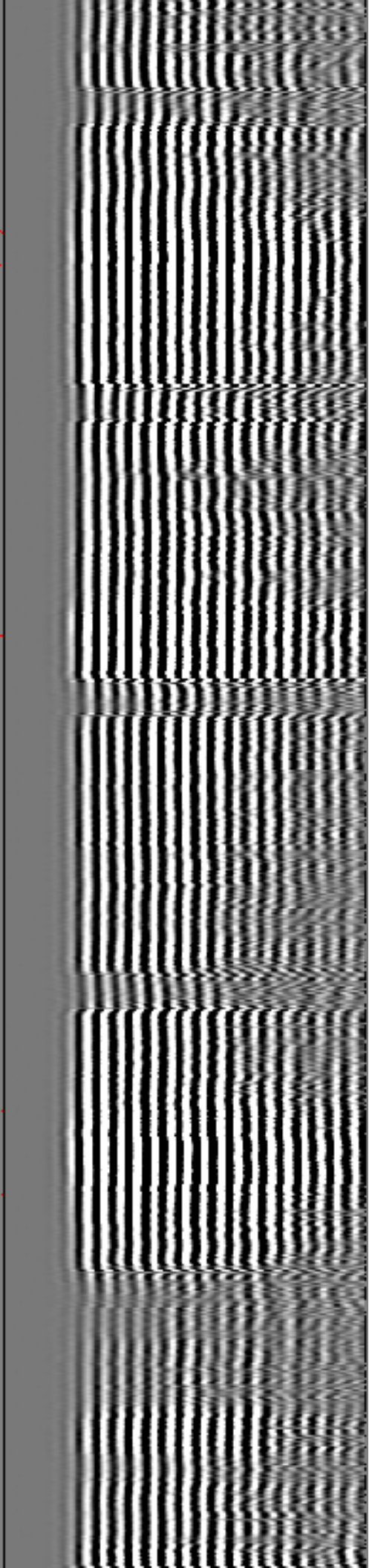
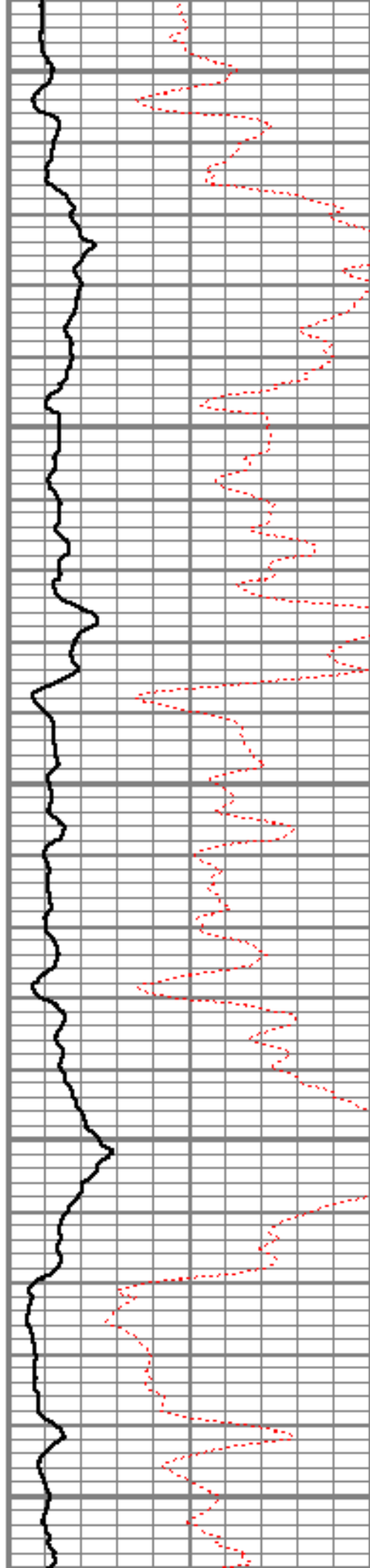
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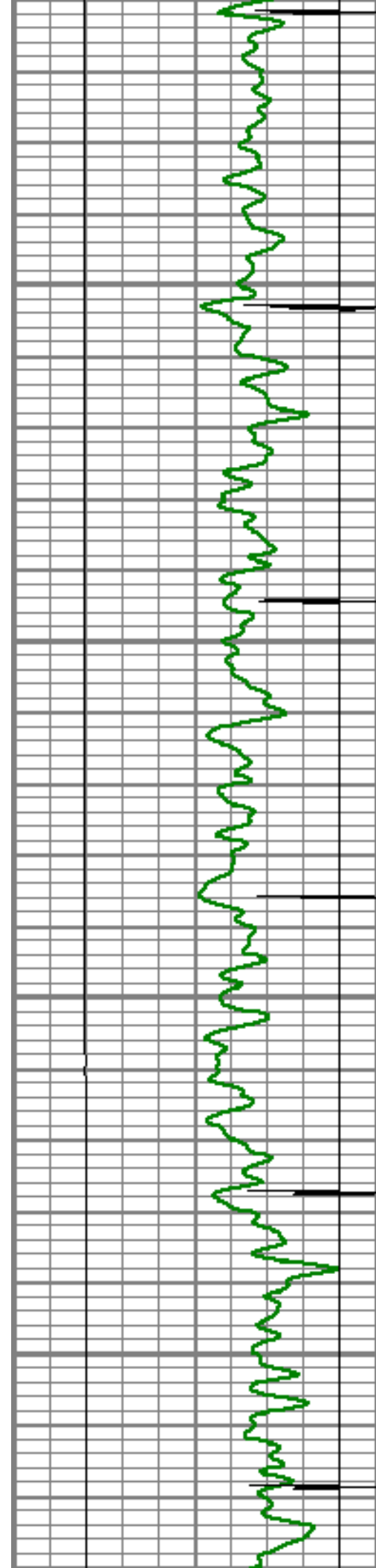
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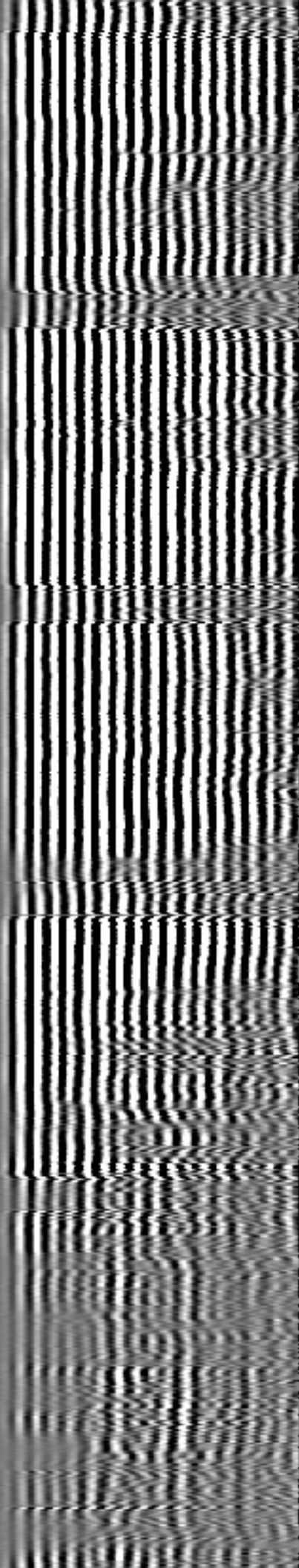
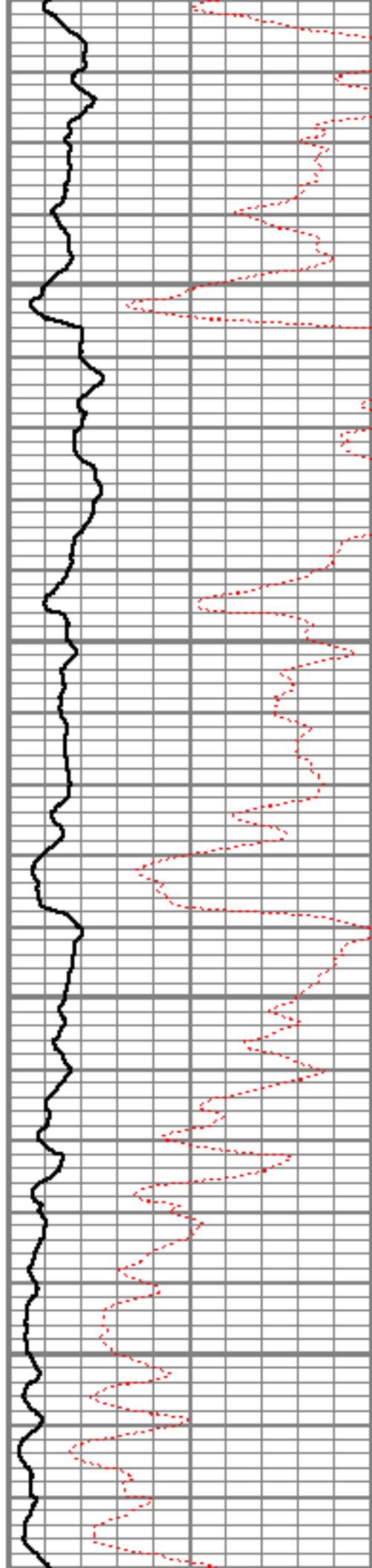


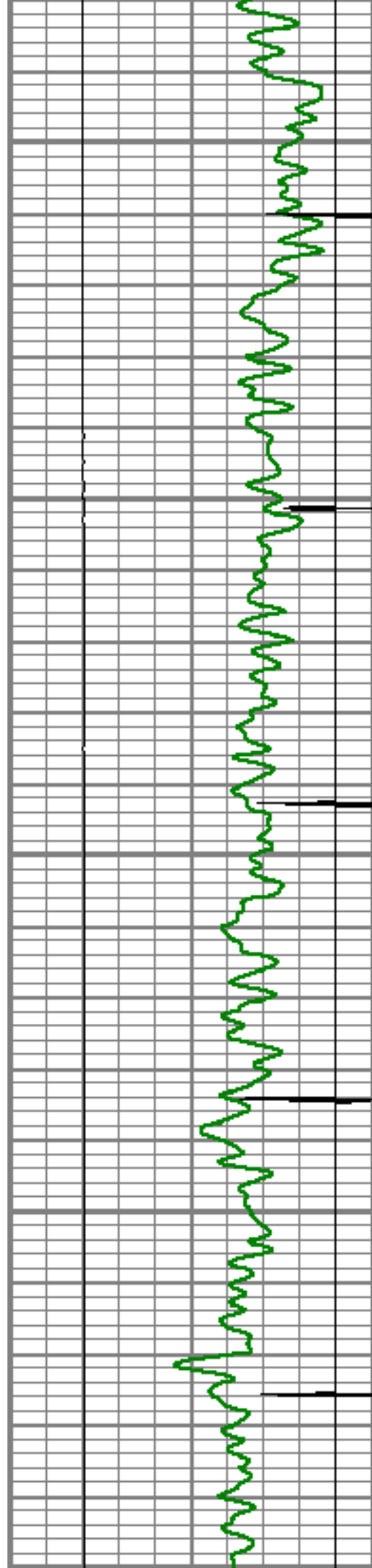
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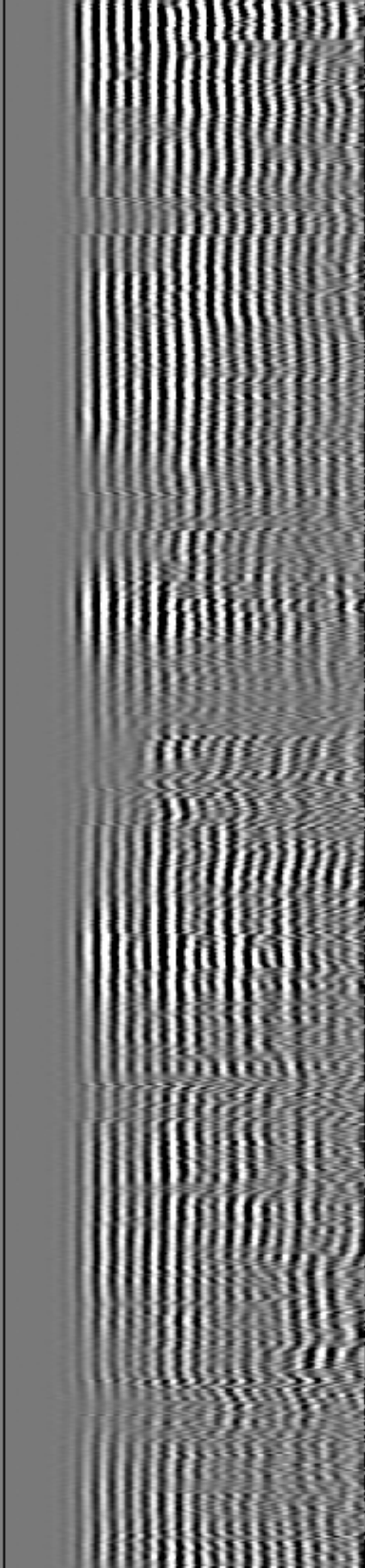
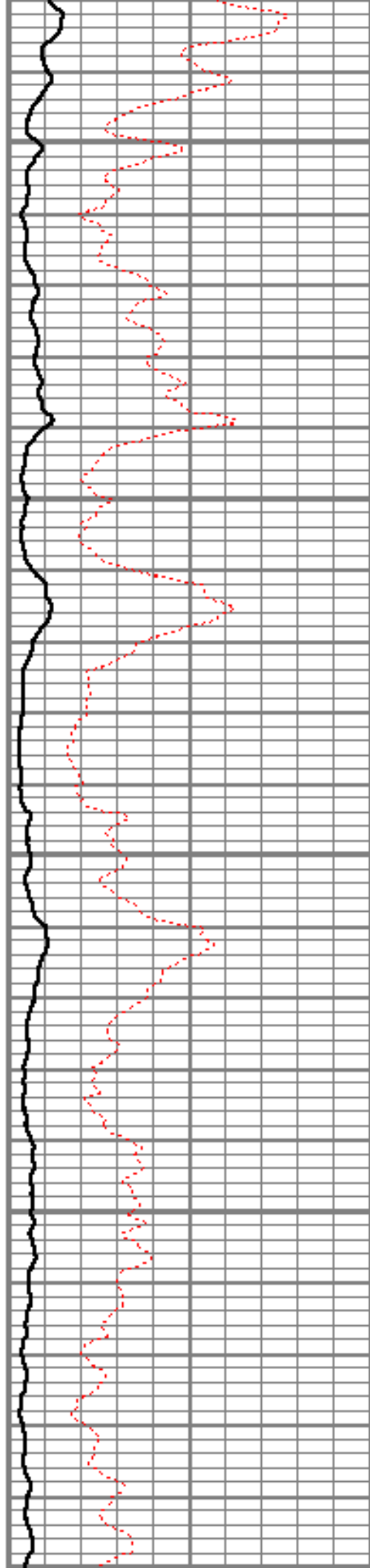
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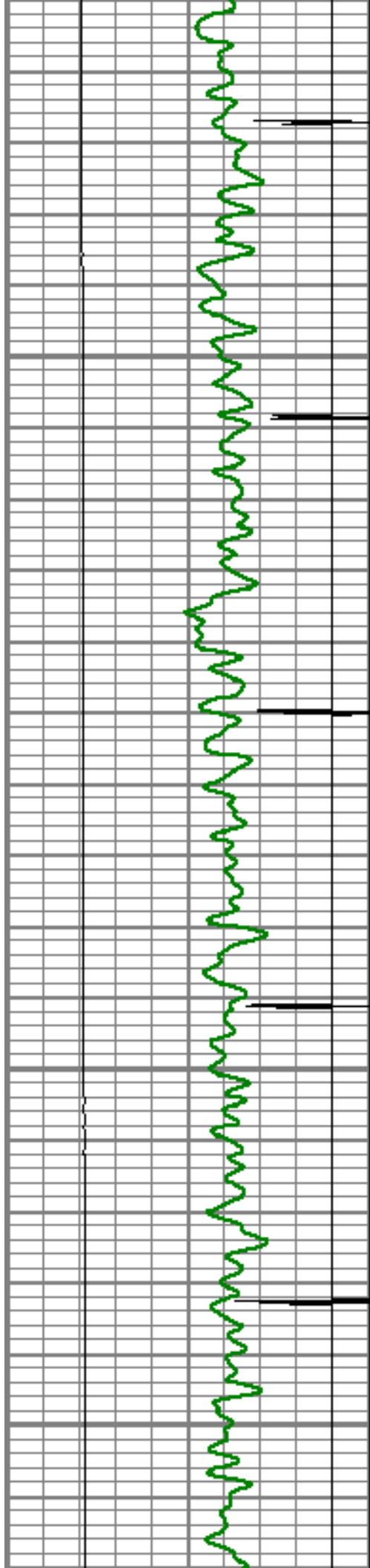
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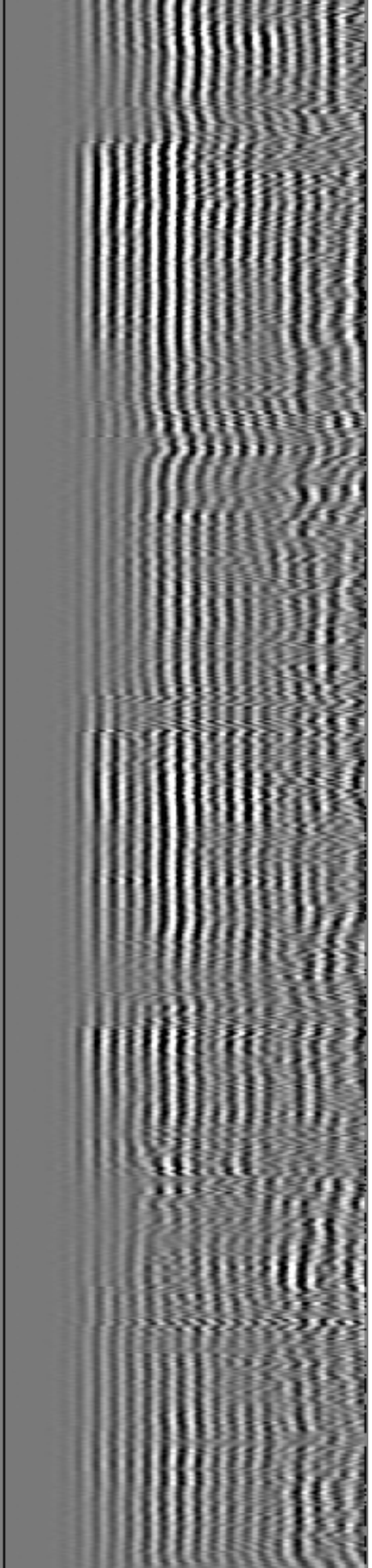
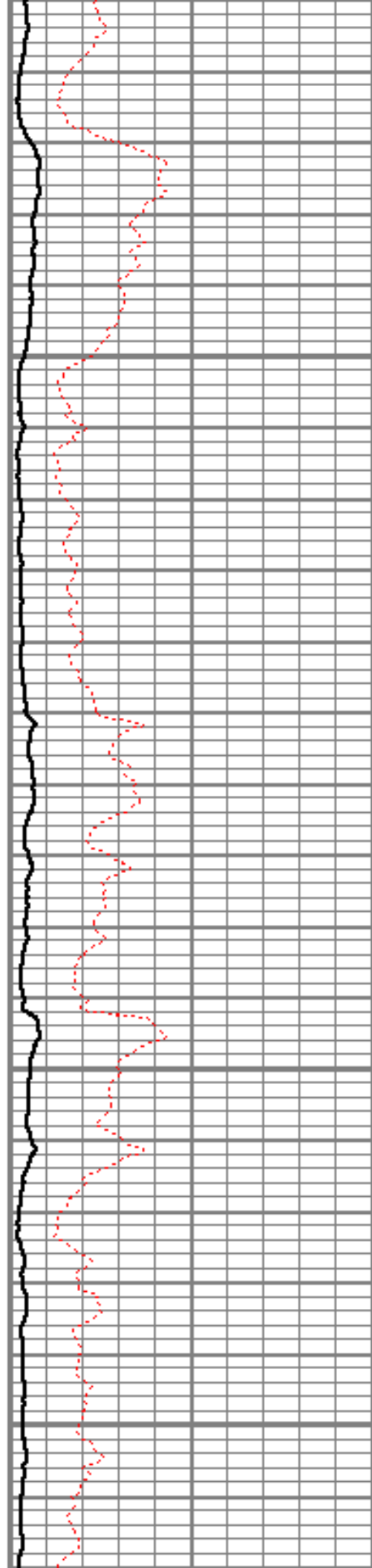
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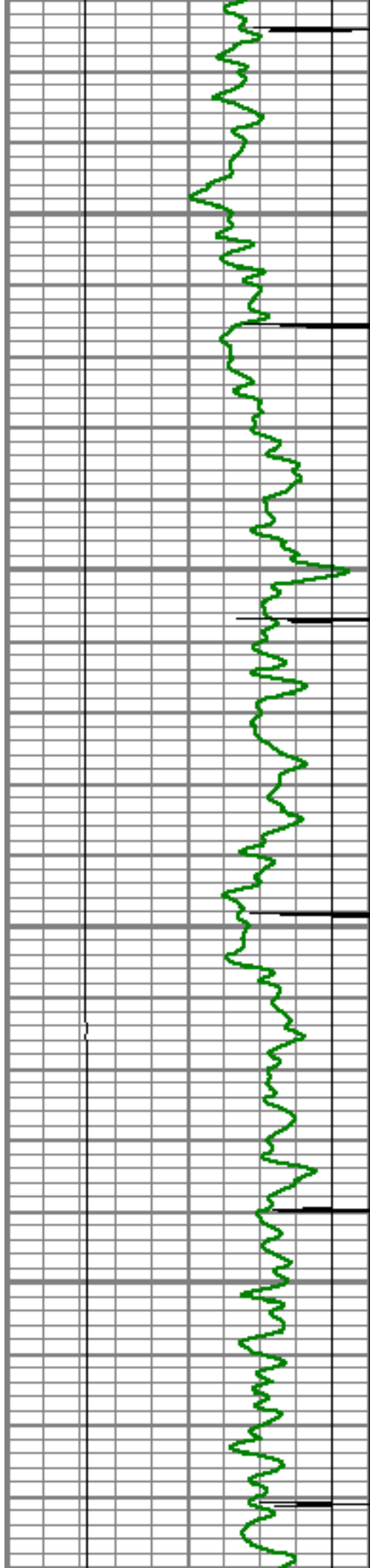




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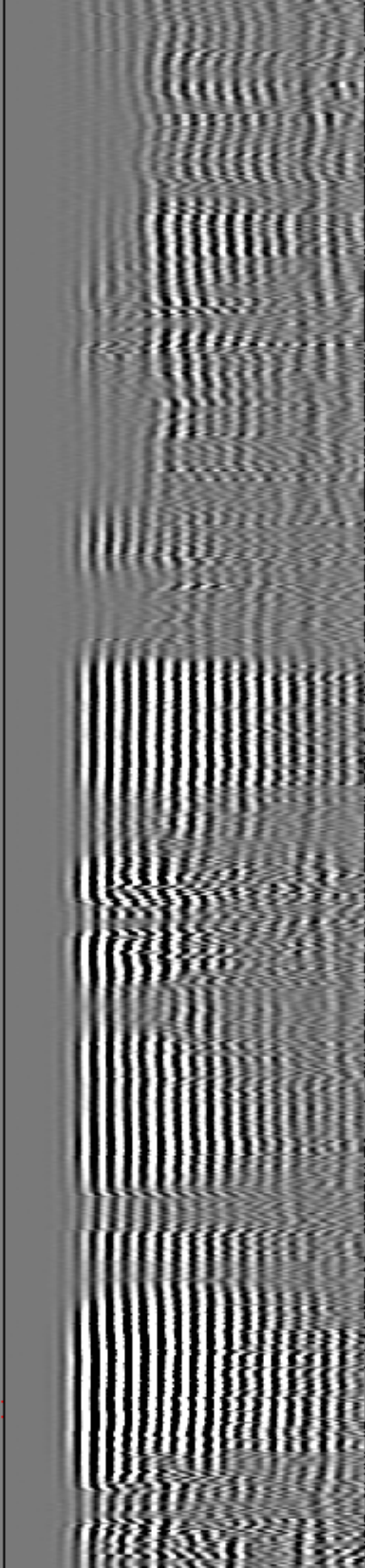
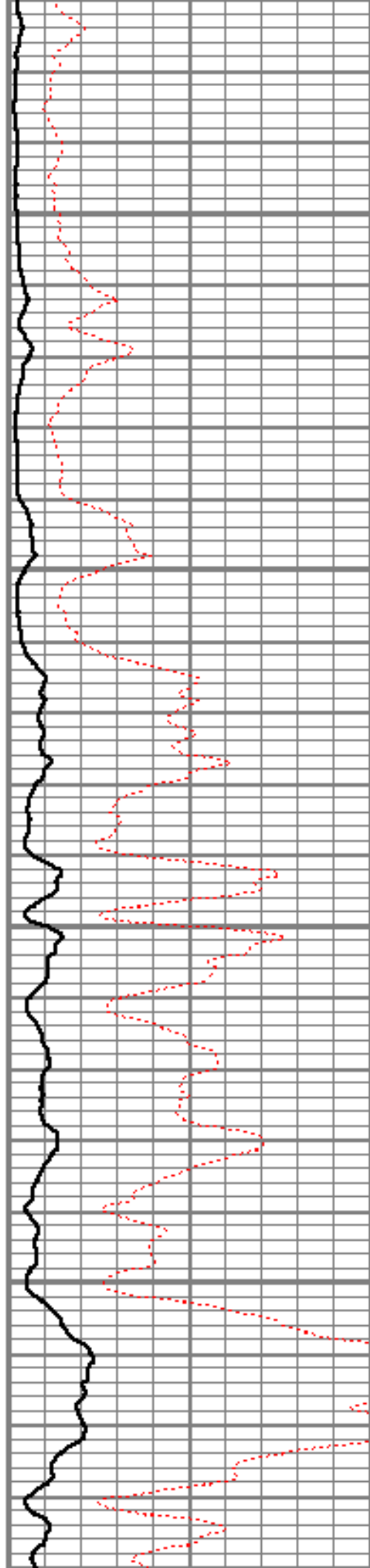


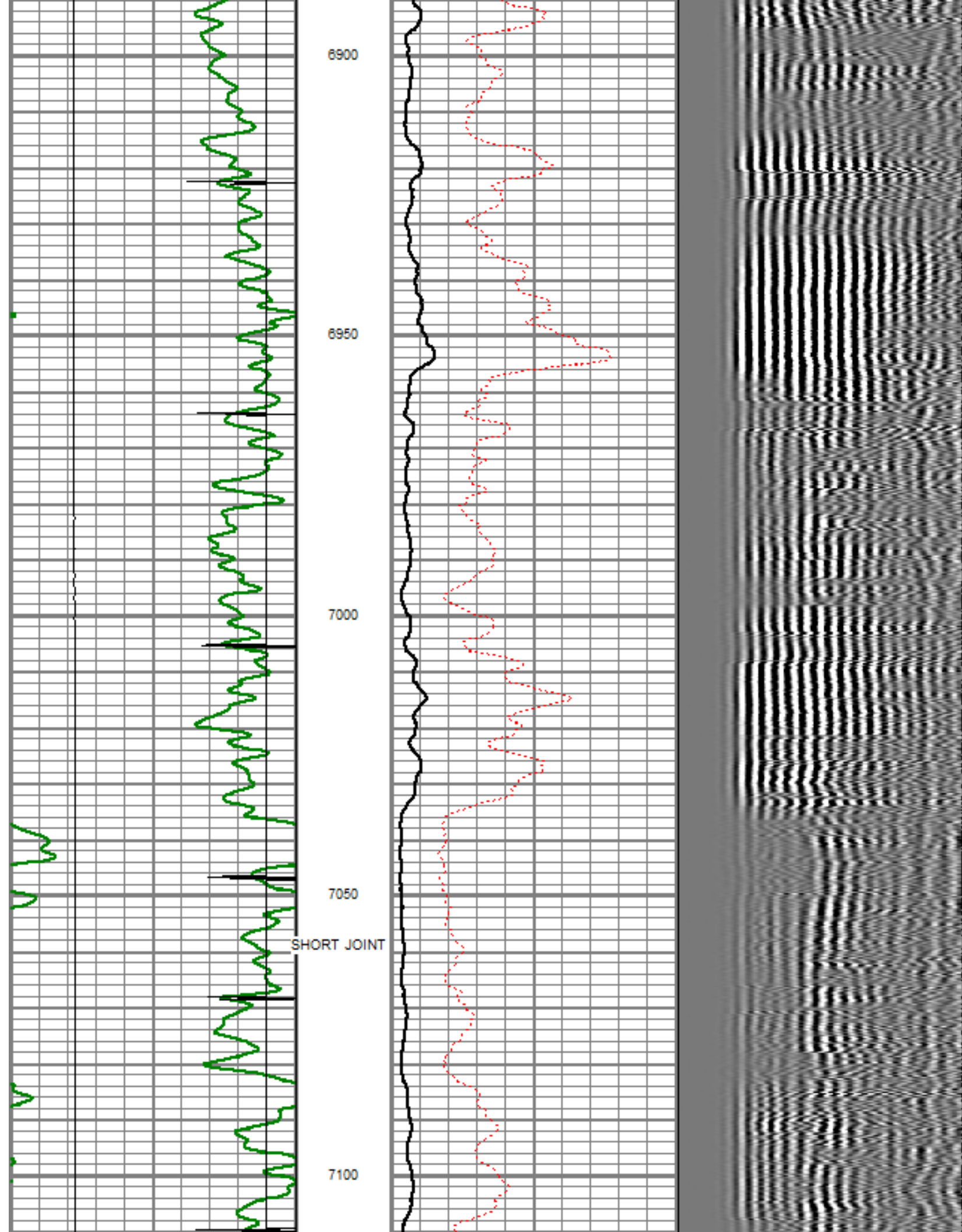
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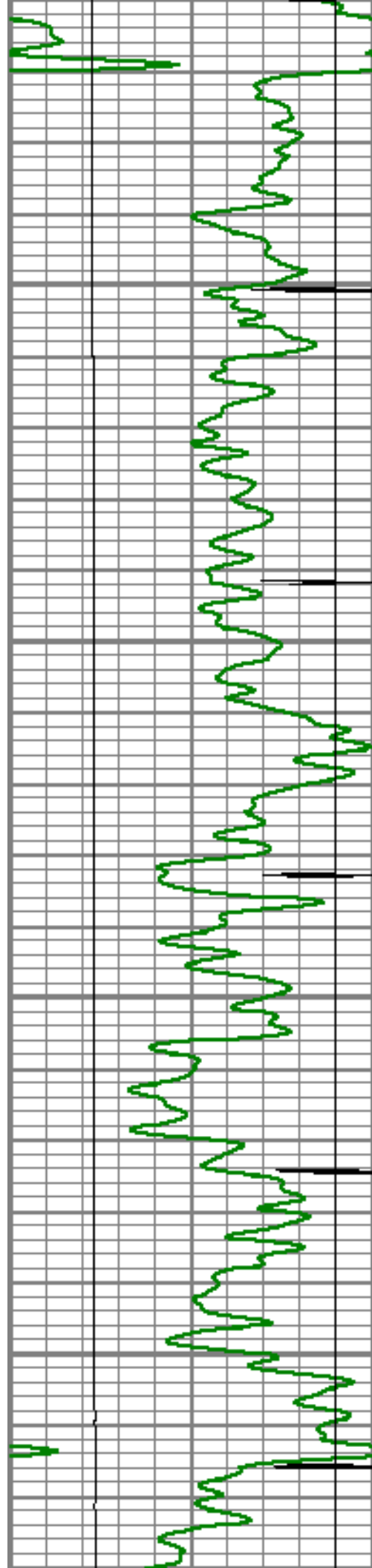
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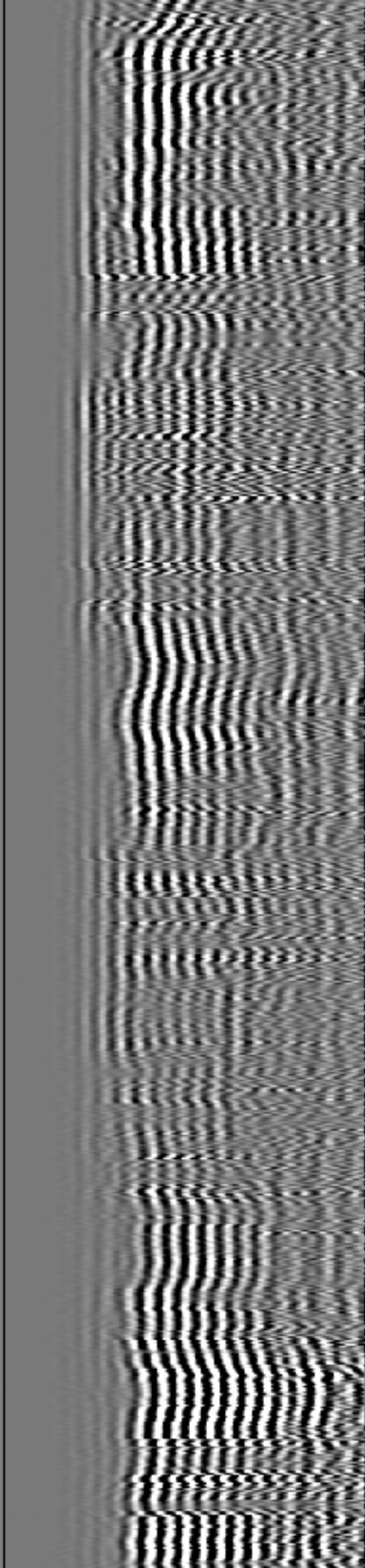
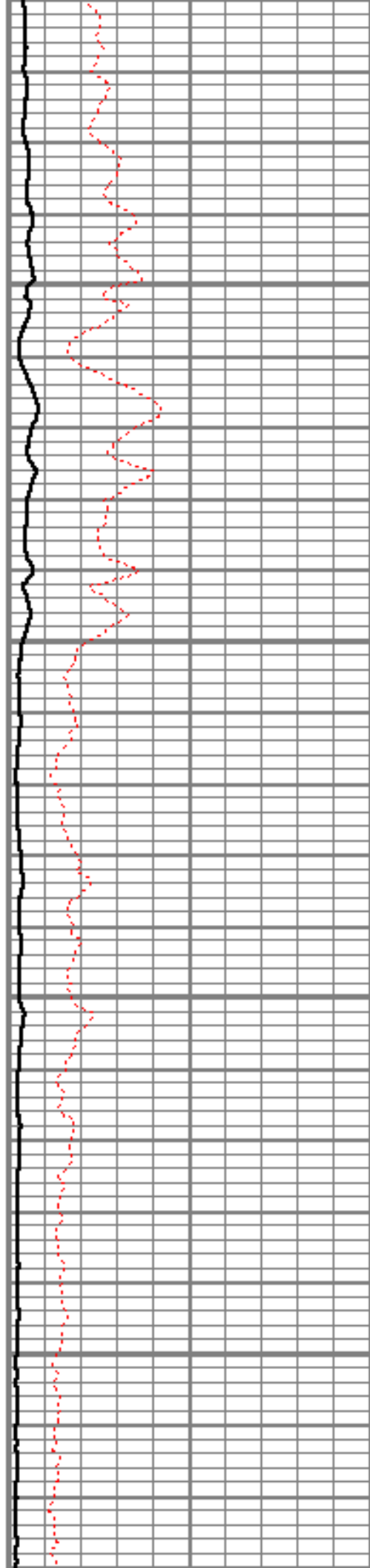


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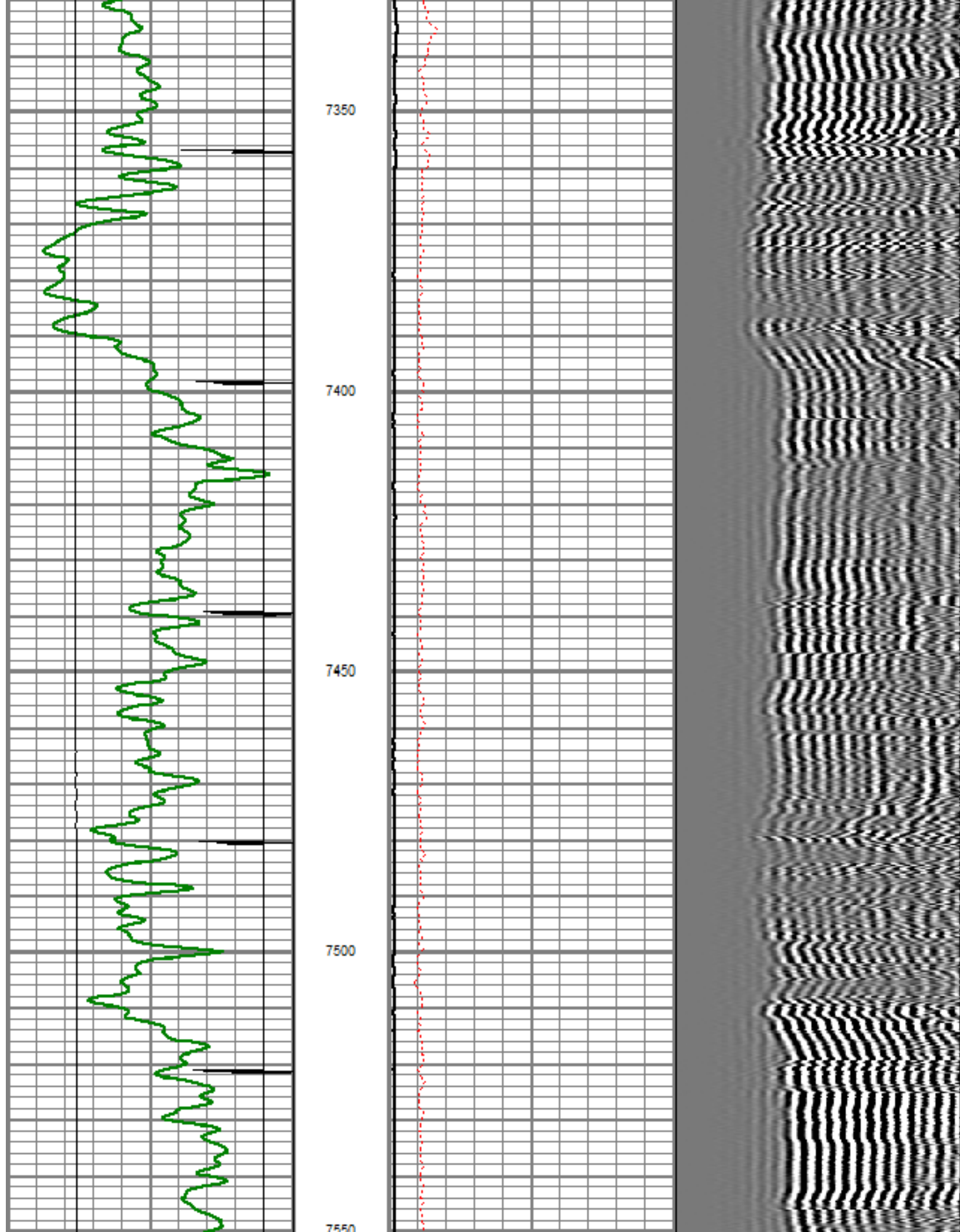
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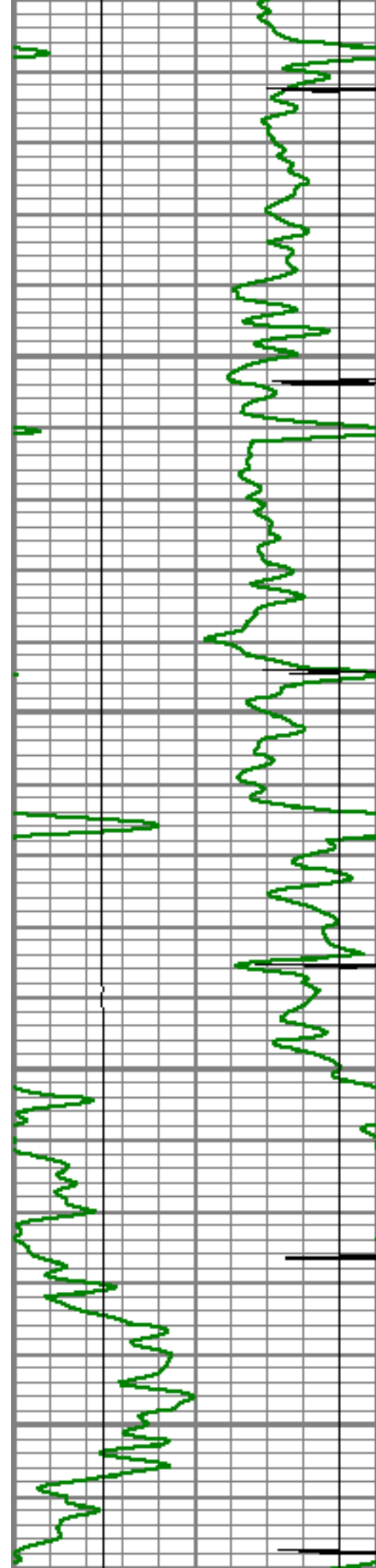
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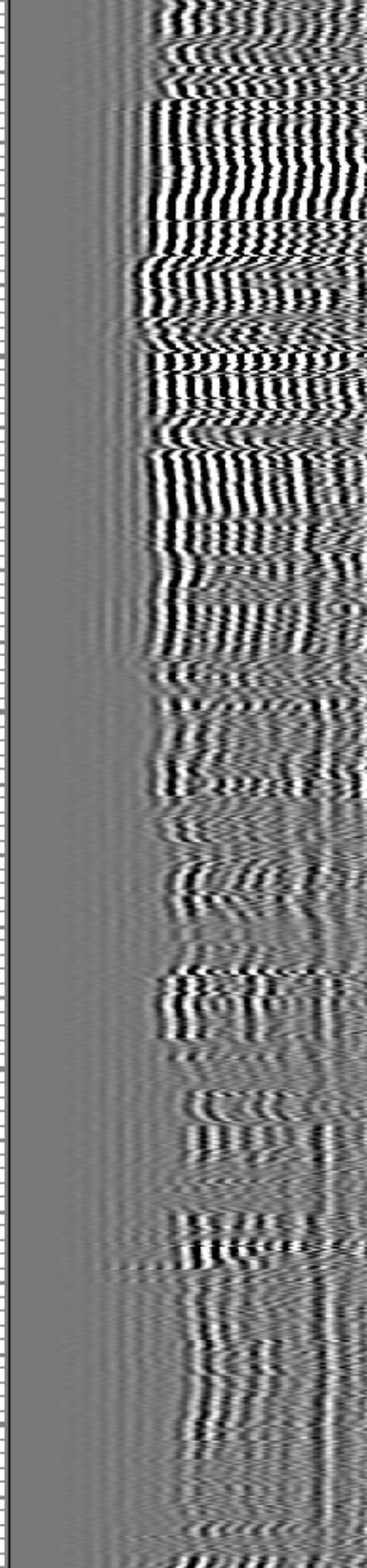
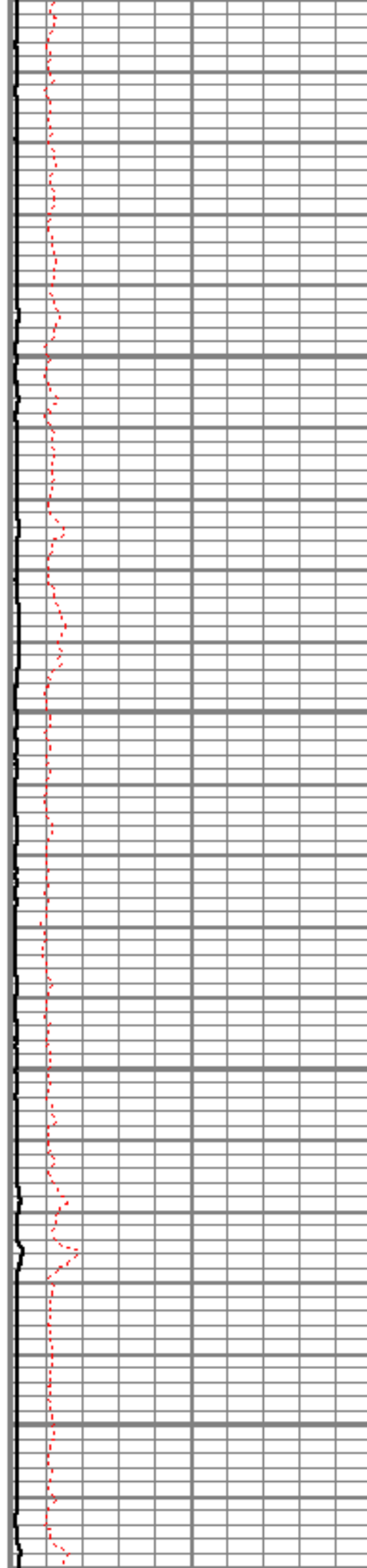
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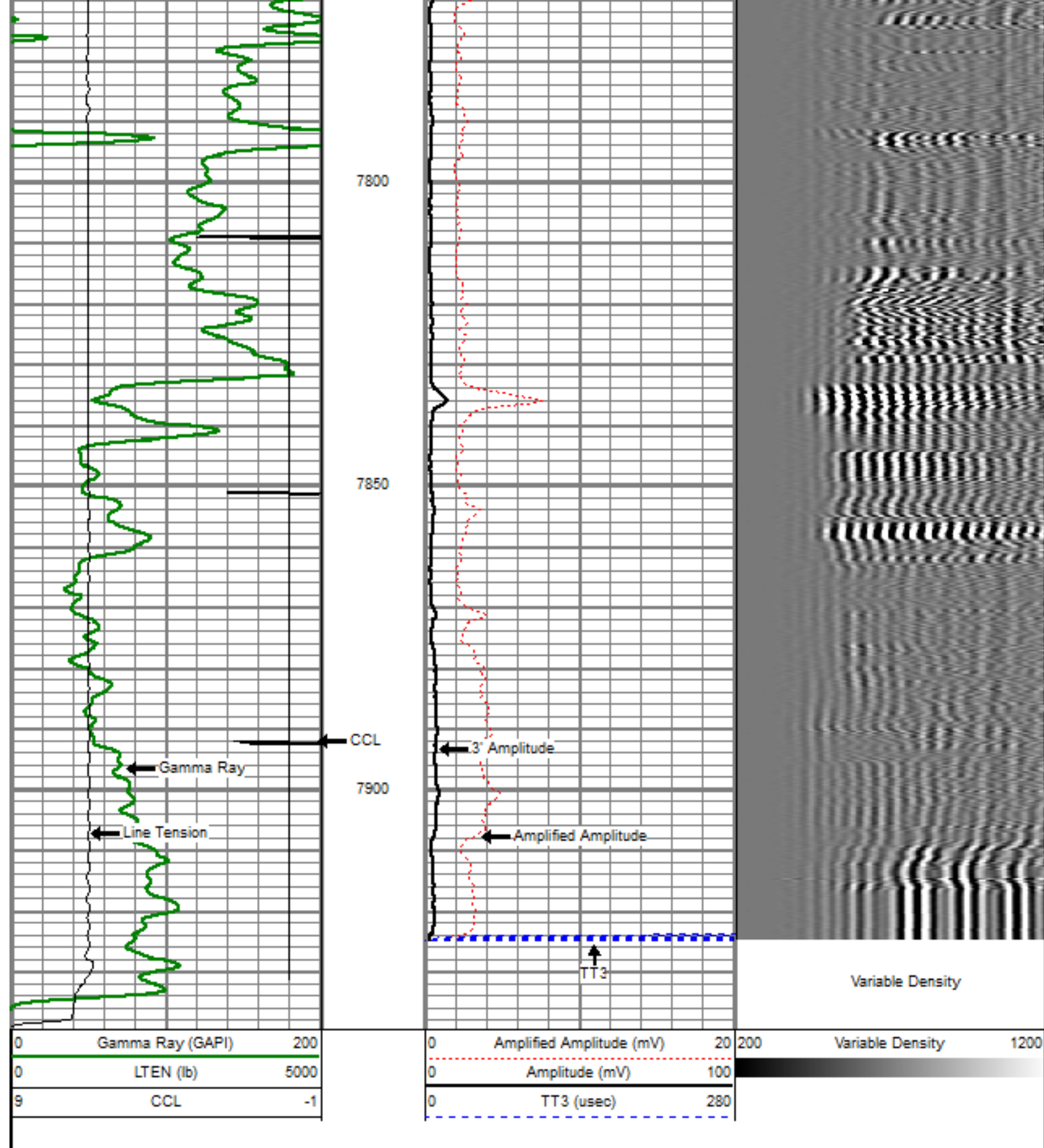
7600

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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					
WVF5	13.54		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.77.1) Probe 2.75" Dual Receiver Bond	2.88	2.75	60.00
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	6.50					
			GR-PROBE_GRCCCL (PRB_GRCCCL_275_014.54) Probe 2.75" 4 Channel Pulse	2.88	2.75	30.00
GR	3.77					
			TEMP-Comprobe (TEMP_CMPRB_1375_012.88) Positive pulse Temp tool	2.88	1.38	15.00
TEMP	0.17					
Dataset:            Ione 8-0-8.db: field/well/run1/pass4OH Total Length:      22.96 ft Total Weight:      126.50 lb O.D.                  2.75 in						



Company  
Well  
Field

ENCANA OIL & GAS (USA) INC  
IONE 8-0-8  
WATTENBERG



County  
State

WELD  
COLORADO