



CEMENT BOND
LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC		
Well	IONE 4-6-2		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Company ENCANA OIL & GAS (USA) INC		Location:	
Well IONE 4-6-2		API #: 05-123-31387-0000	
Field WATTENBERG		Other Services	
County WELD		NONE	
State COLORADO		Elevation	
SEC: 2 TWP: 2N RGE: 66W		K.B. 5063'	
Permanent Datum GROUND LEVEL		D.F. 5062'	
Log Measured From KELLY BUSHING = 12'		G.L. 5051'	
Drilling Measured From KELLY BUSHING			

Date	1 NOVEMBER 2011				
Run Number	ONE				
Depth Driller	8235'				
Depth Logger	8208'				
Bottom Logged Interval	8208'				
Top Log Interval	3800'				
Open Hole Size	7.875"				
Type Fluid	WATER				
Density / Viscosity	~8.3#				
Max. Recorded Temp.	270 DEG F				
Estimated Cement Top	4090'				
Time Well Ready	N/A				
Time Logger on Bottom	N/A				
Equipment Number	10901 PRD02				
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'	930'		Weight
TWO	7.875"	930'	8249'		From
					To
Casing Record	Size		Wd/Ft	Top	Bottom
Surface String	8.625"		36#	0'	919'
Prot. String					
Production String	4.5"		11.6#	0'	8235'
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 7264' - 7286'

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



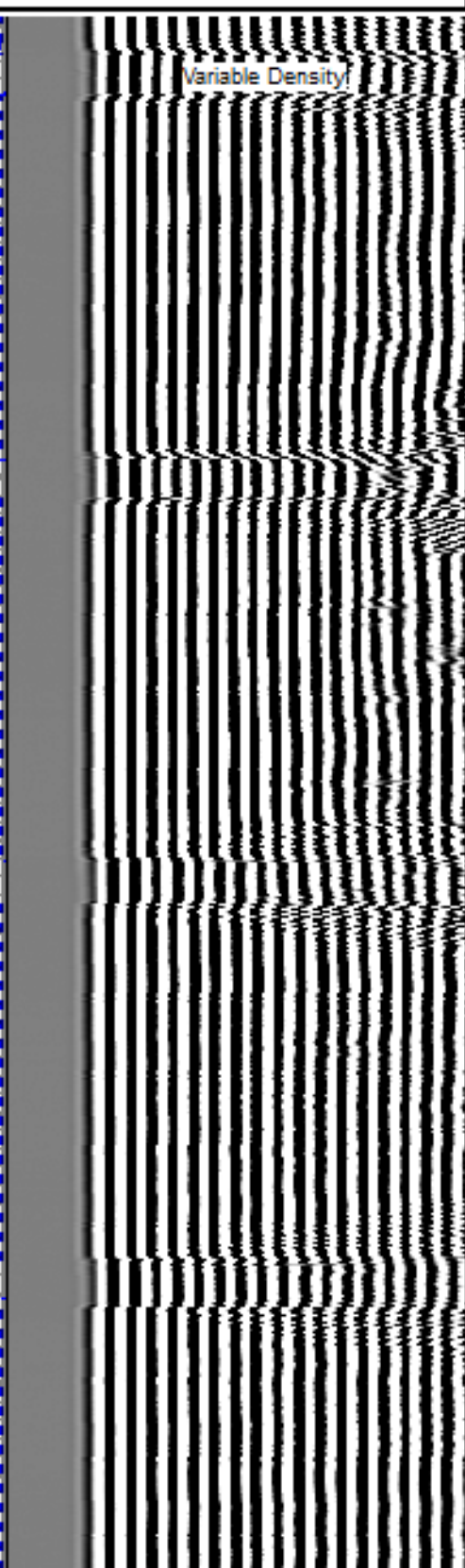
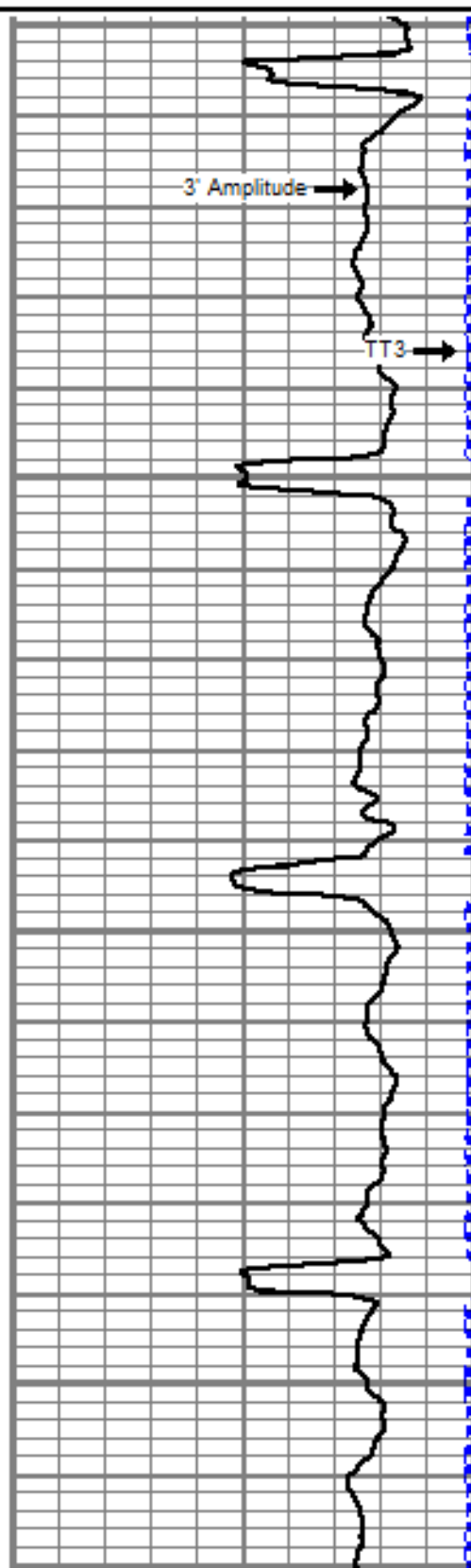
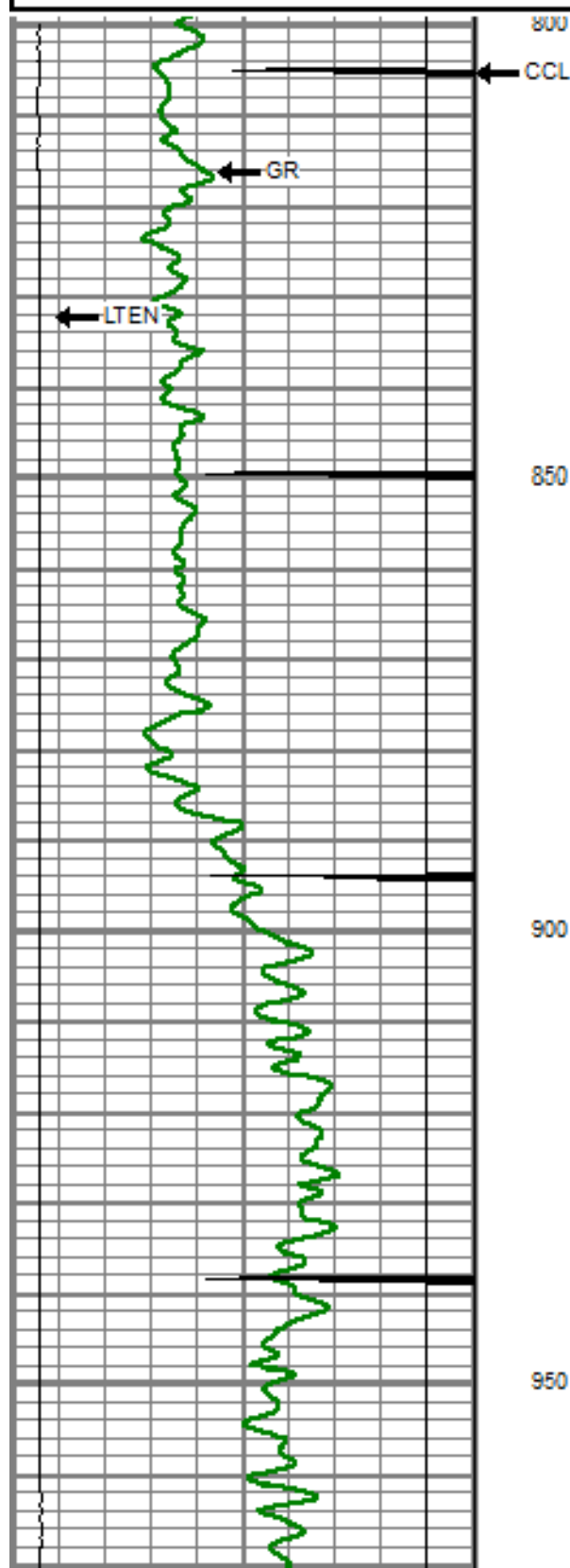
TOP PASS

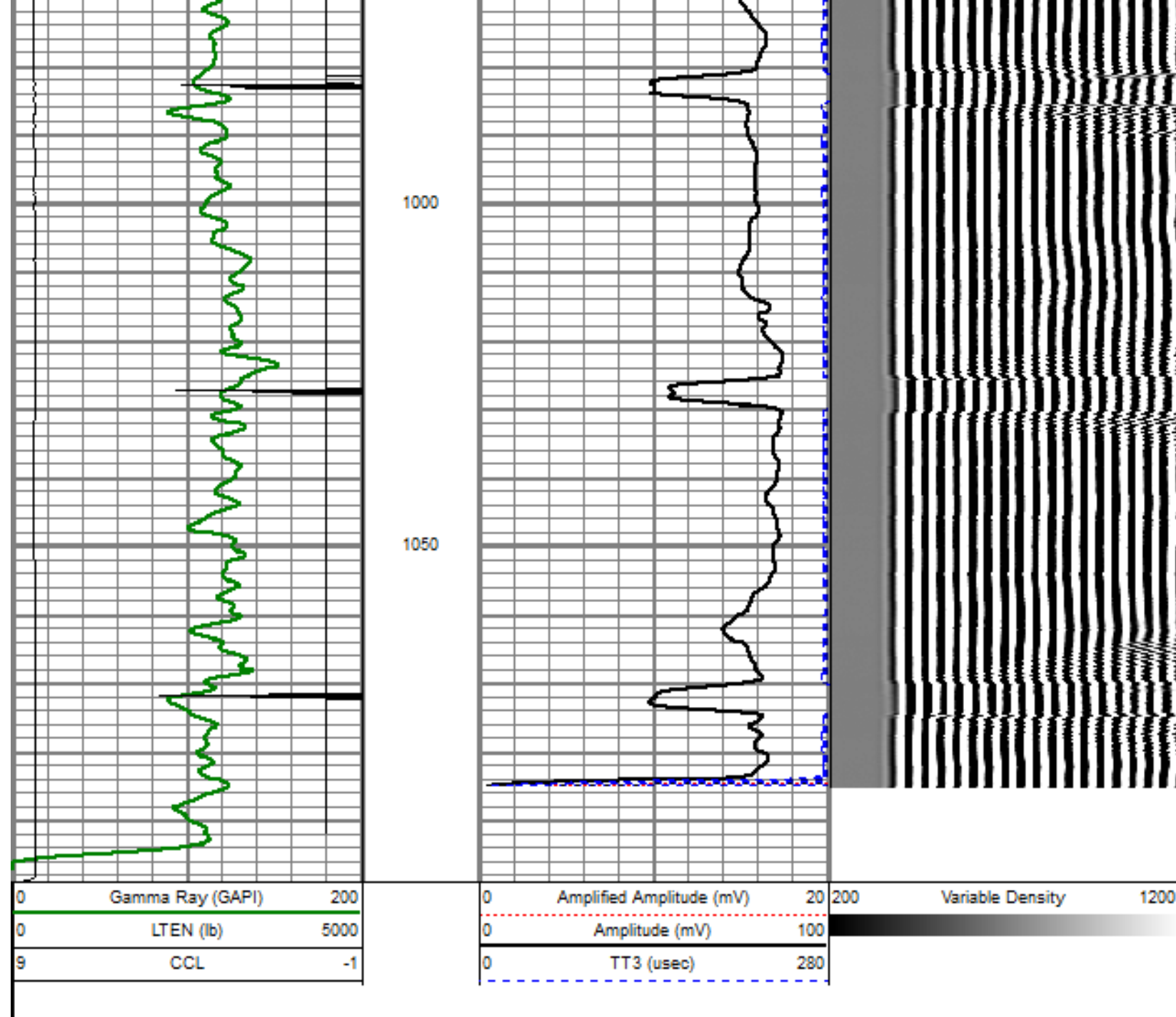
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Dataset Pathname: pass5.2
Presentation Format: dobl_prb
Dataset Creation: Tue Nov 01 14:47:10 2011 by Calc SCH 110722
Charted by: Depth in Feet scaled 1:240

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

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

200 Variable Density 1200

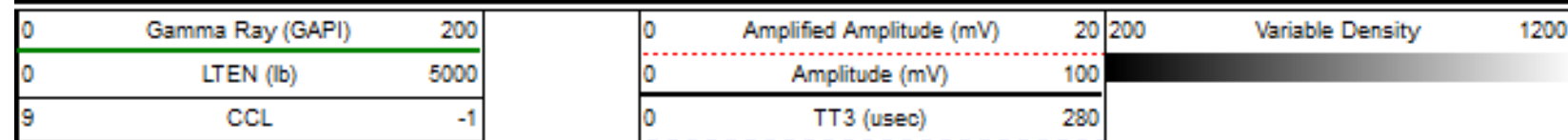


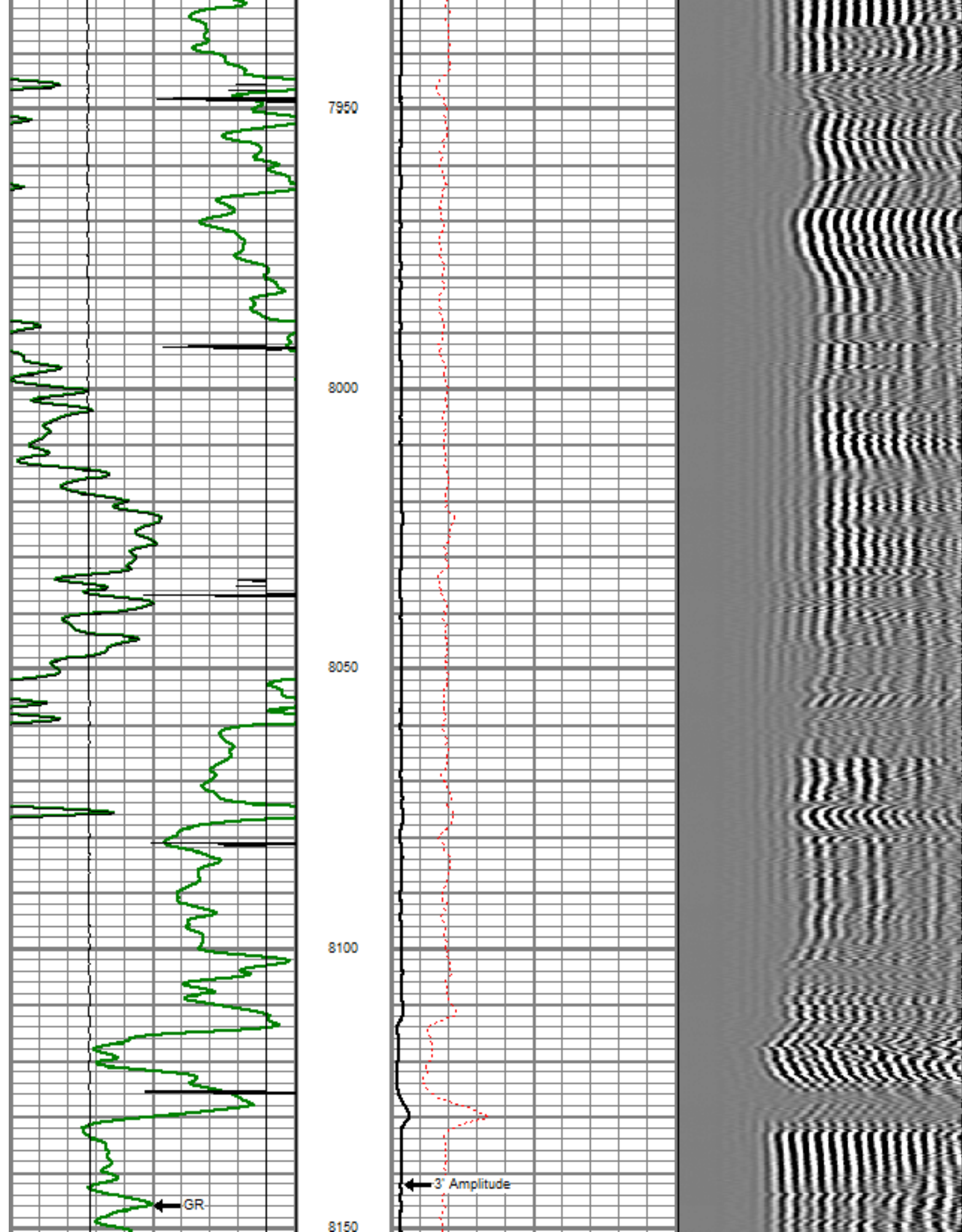


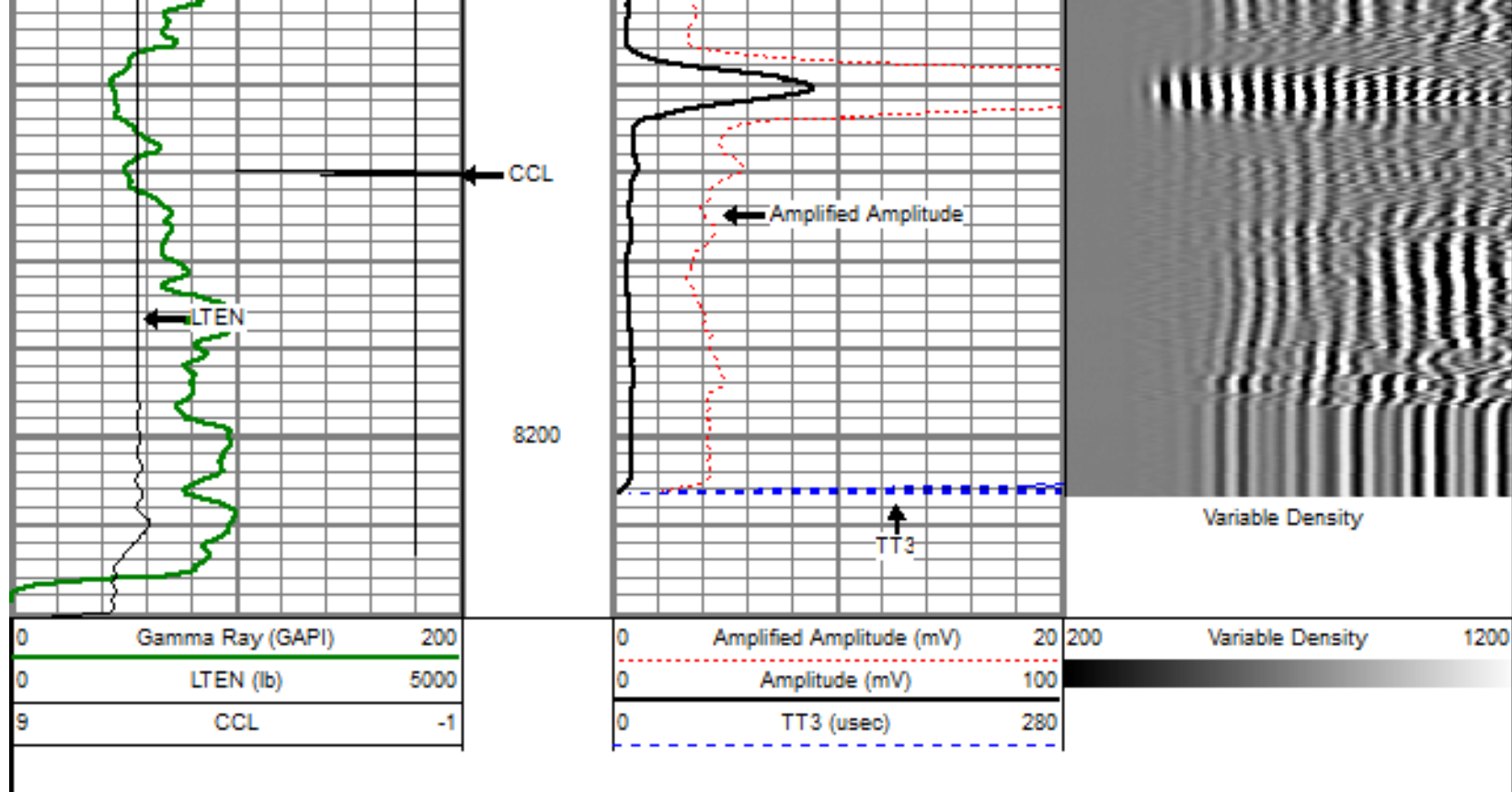
REPEAT PASS

5" = 100'

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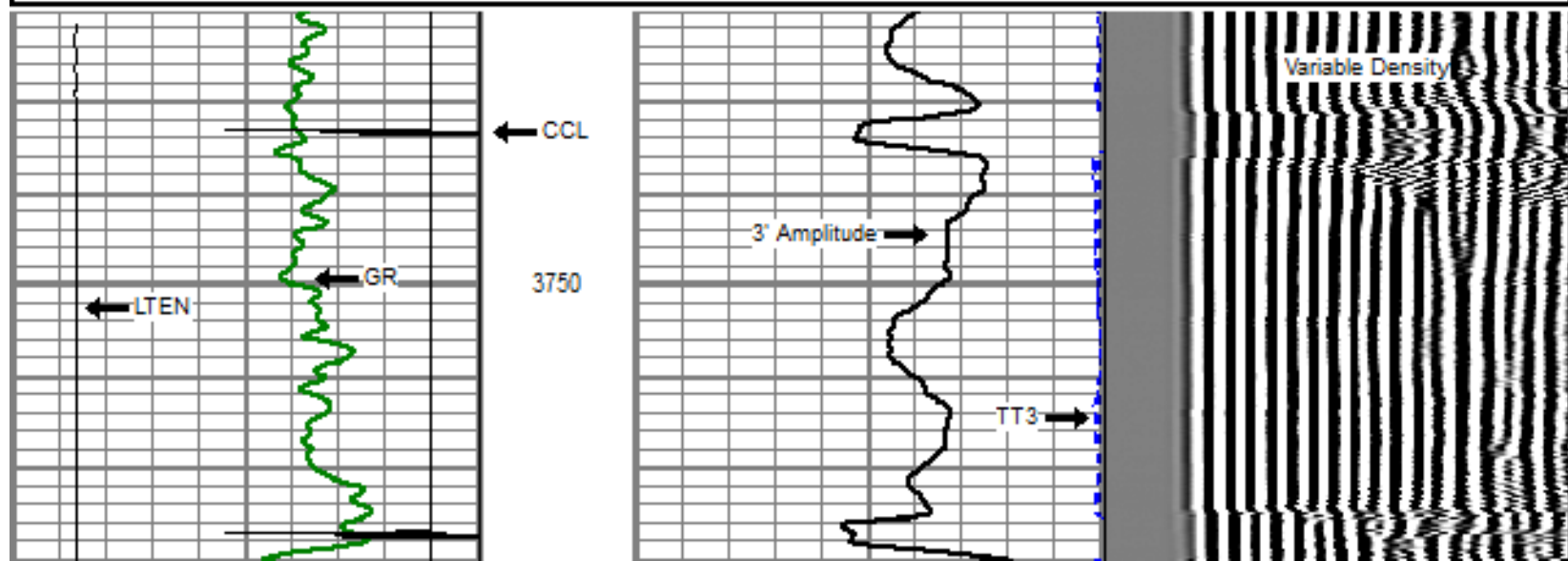
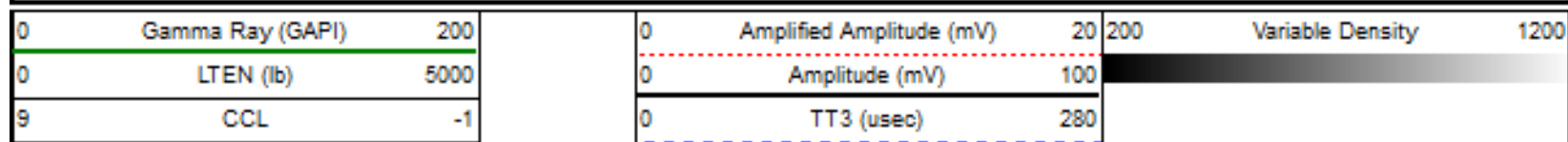


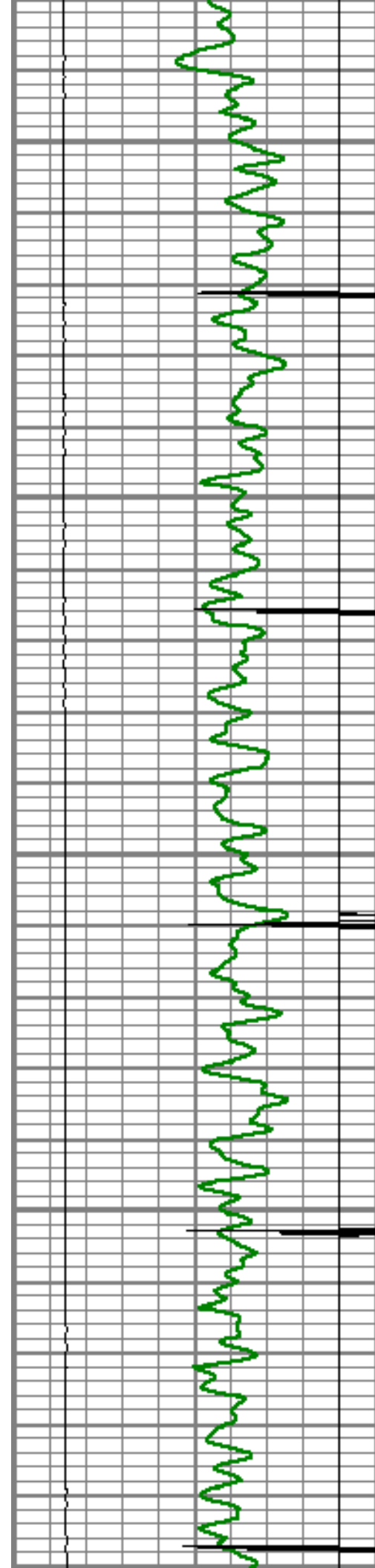


MAIN PASS

5" = 100'

Database File: ione 4-6-2.db
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 Charted by: Depth in Feet scaled 1:240





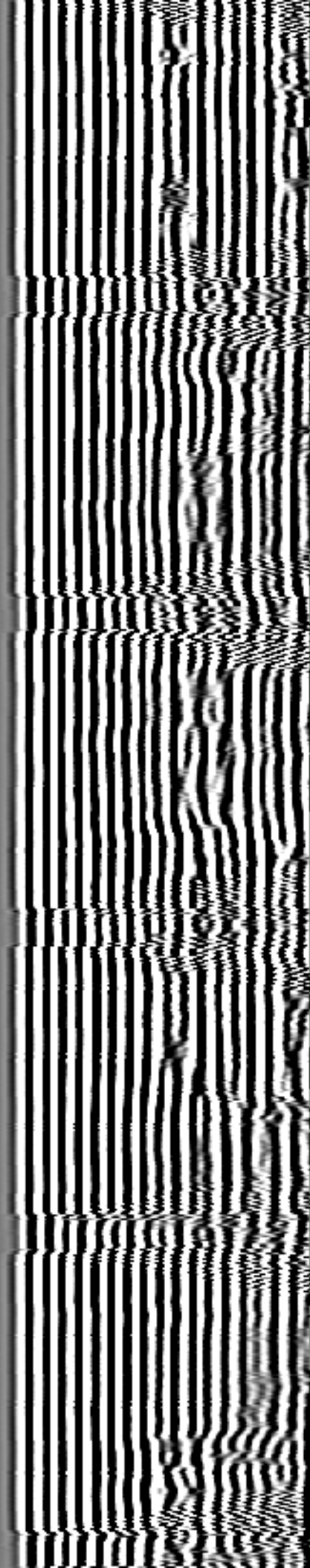
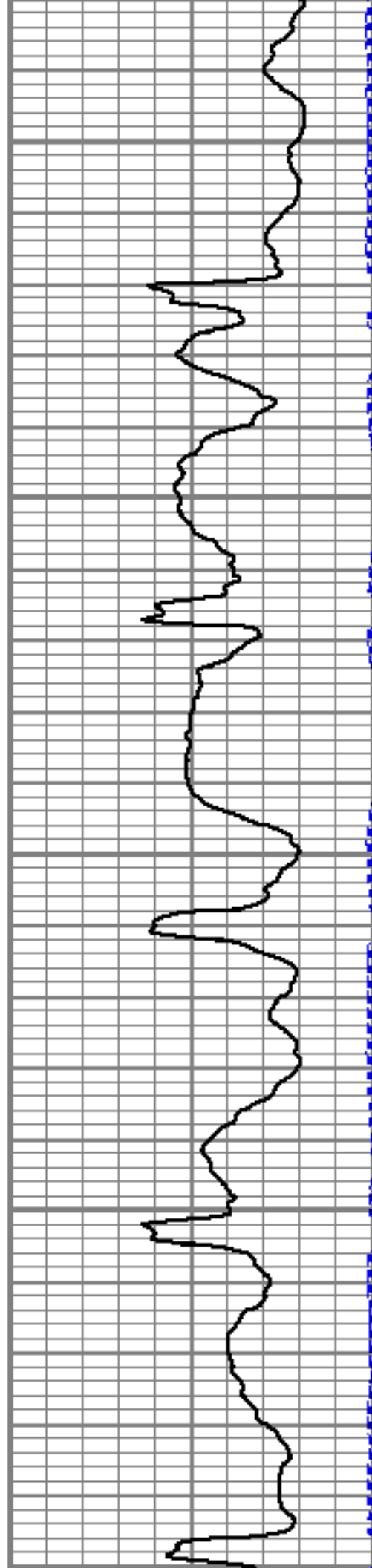
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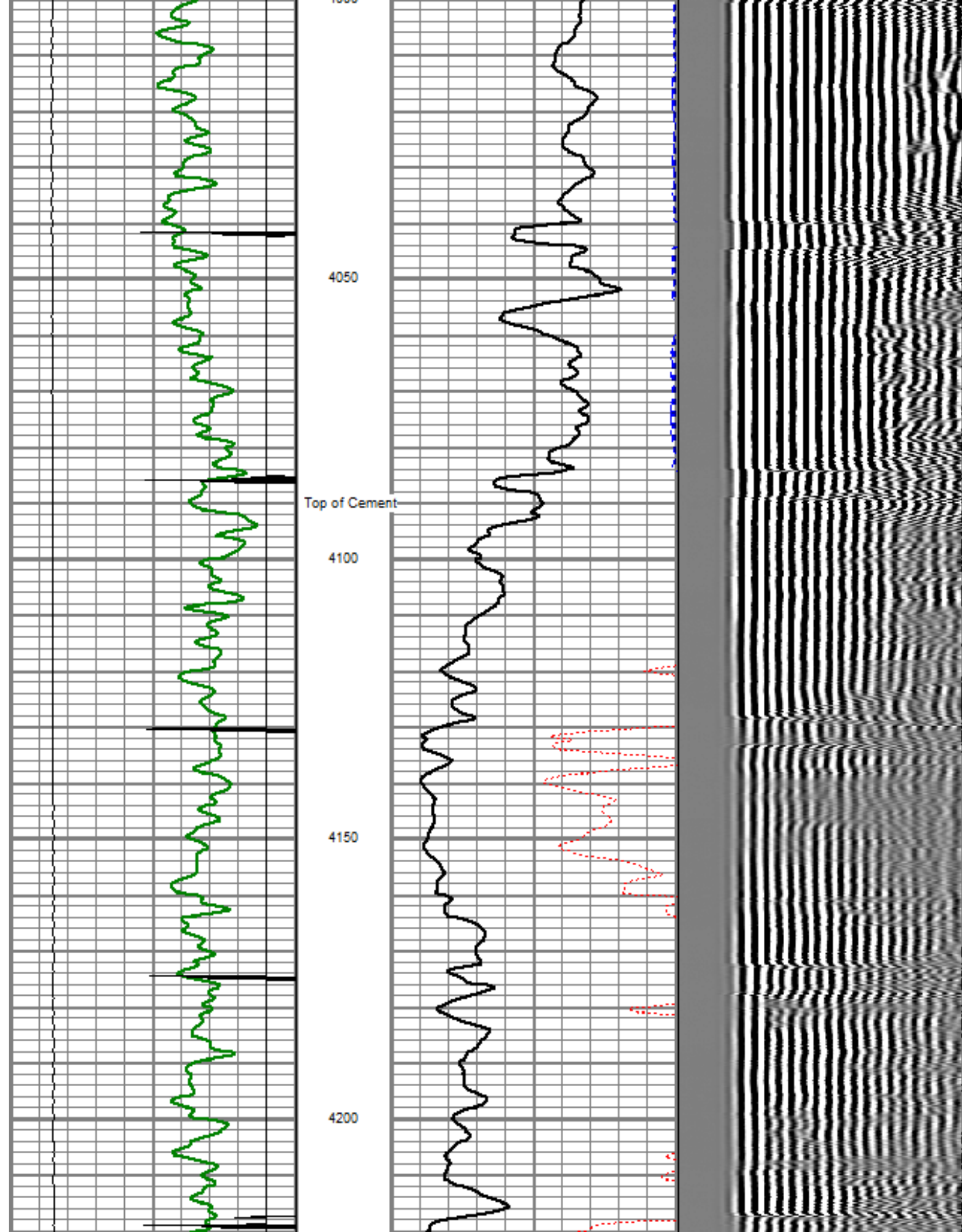
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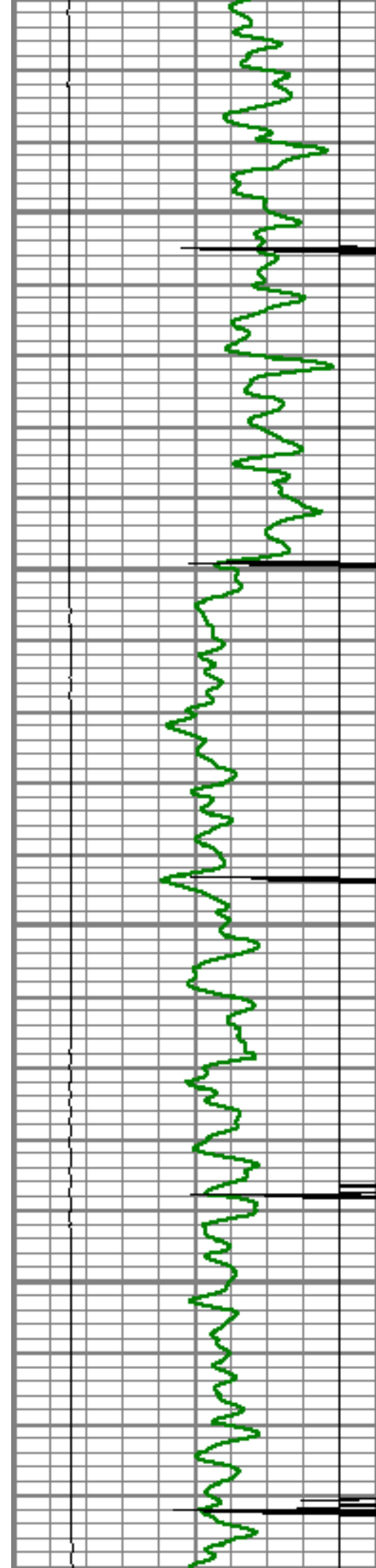
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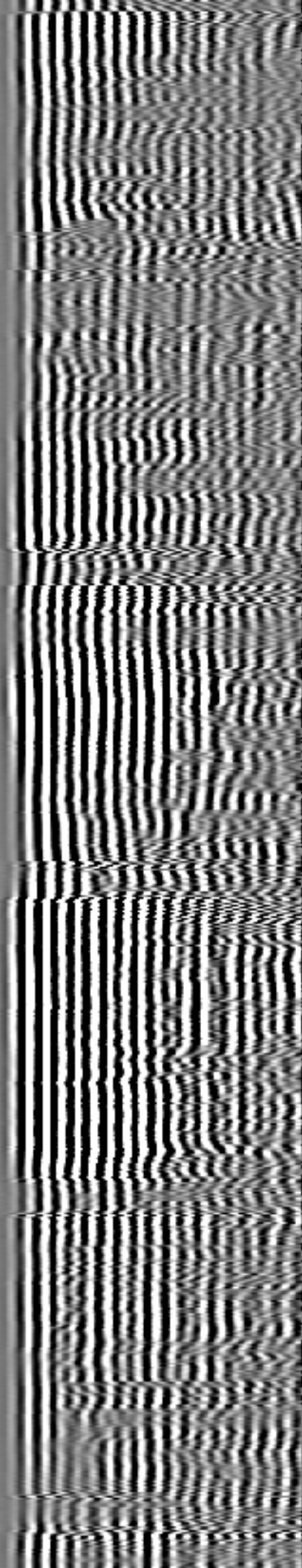
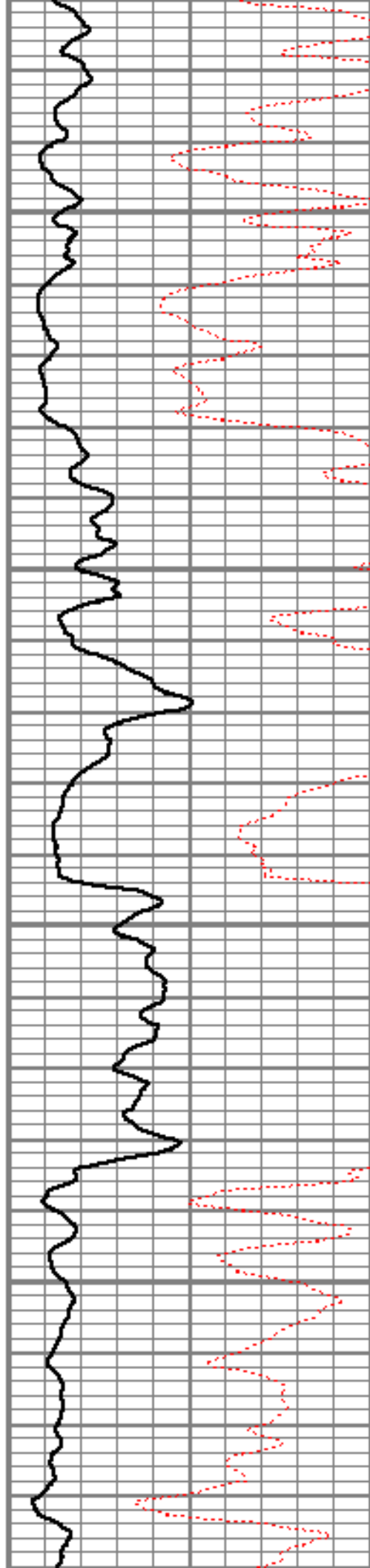


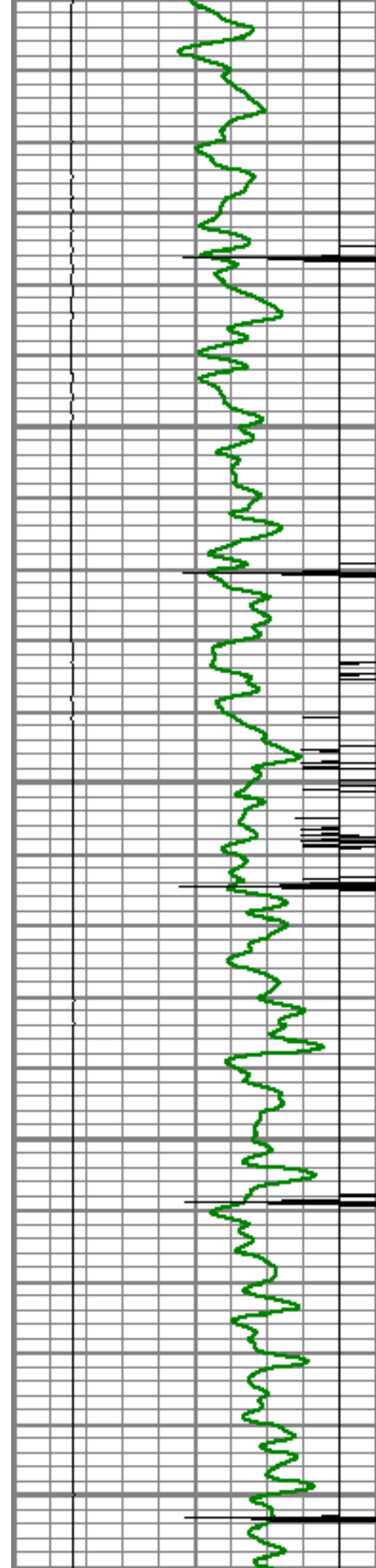
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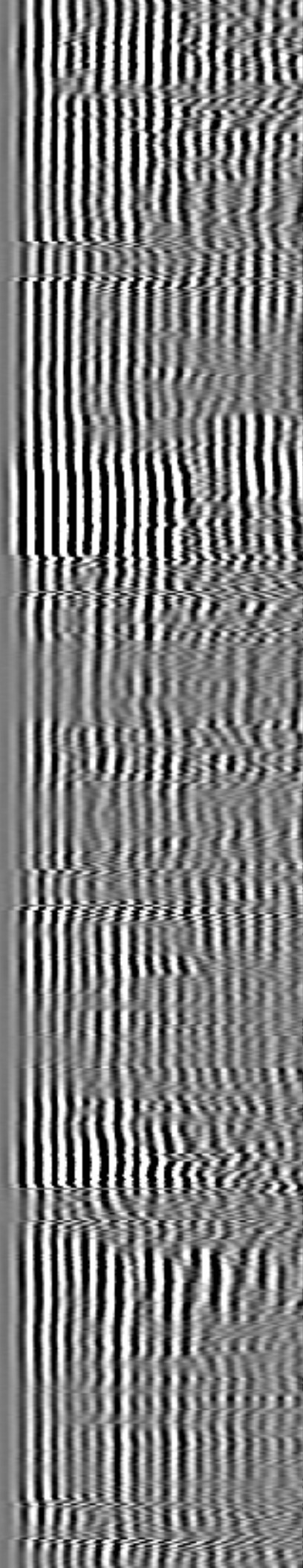
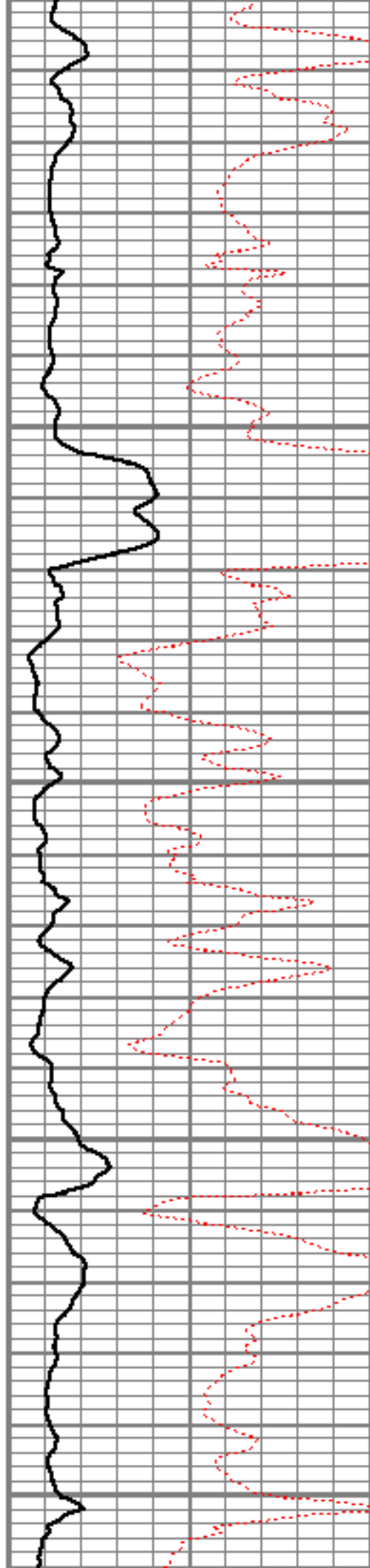
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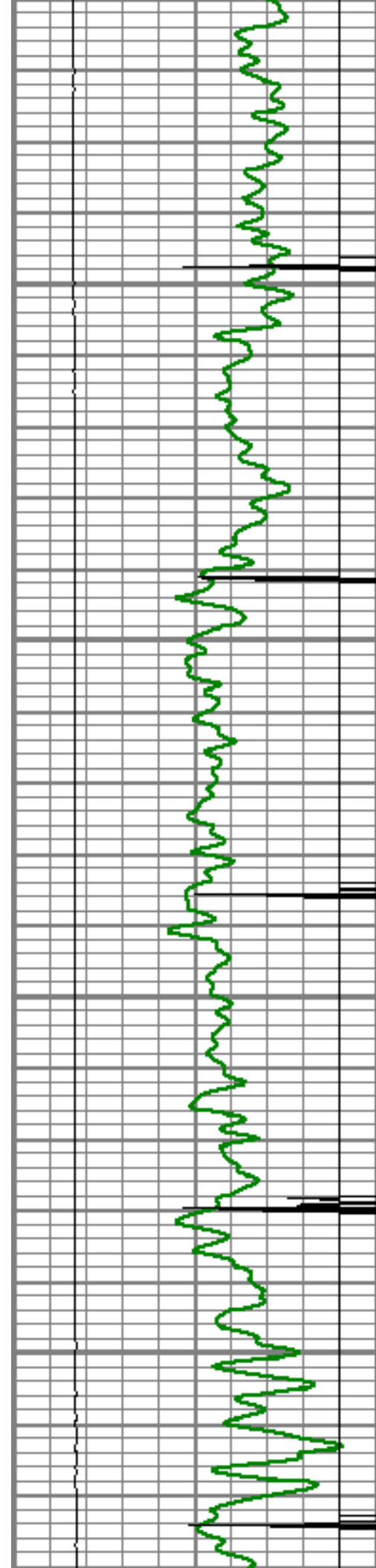
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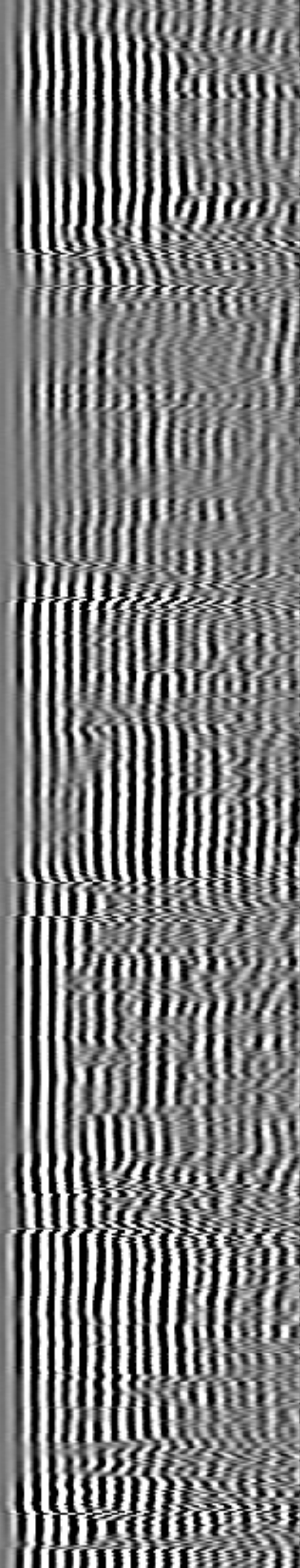
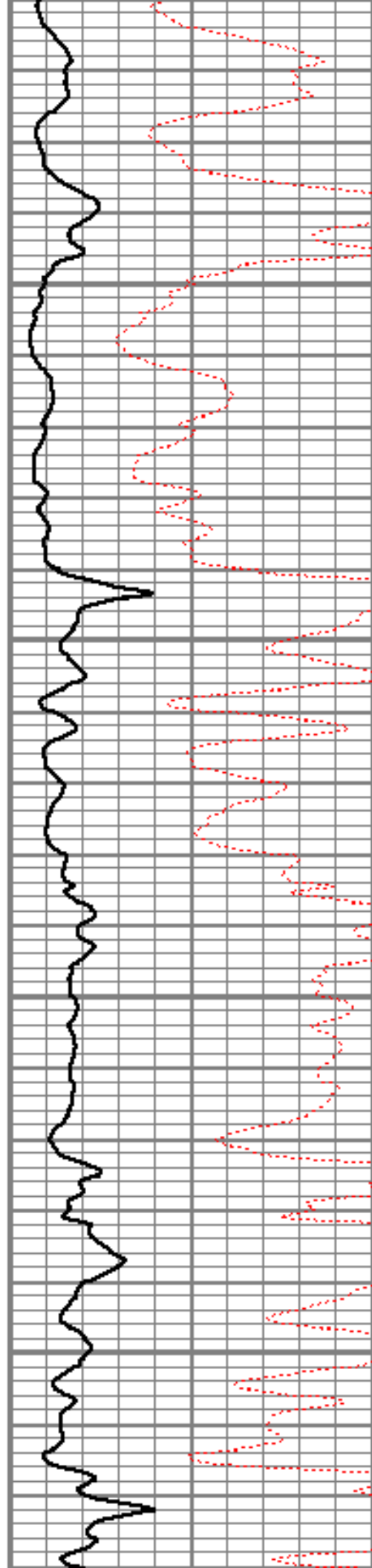


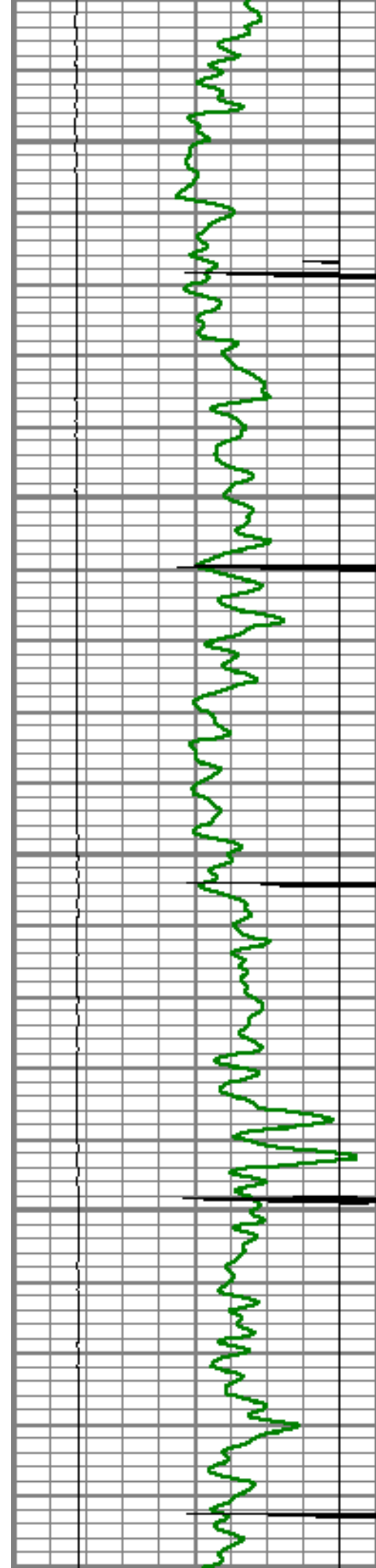
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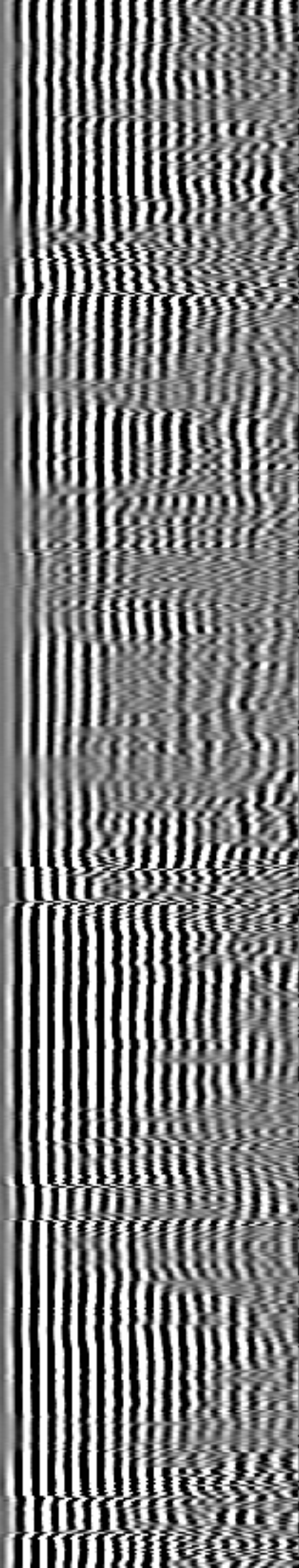
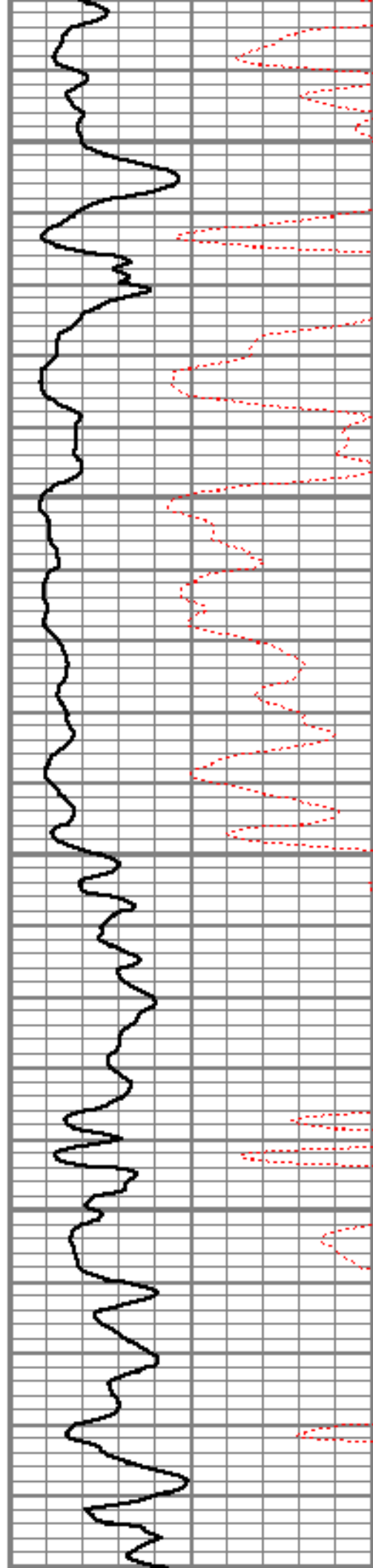
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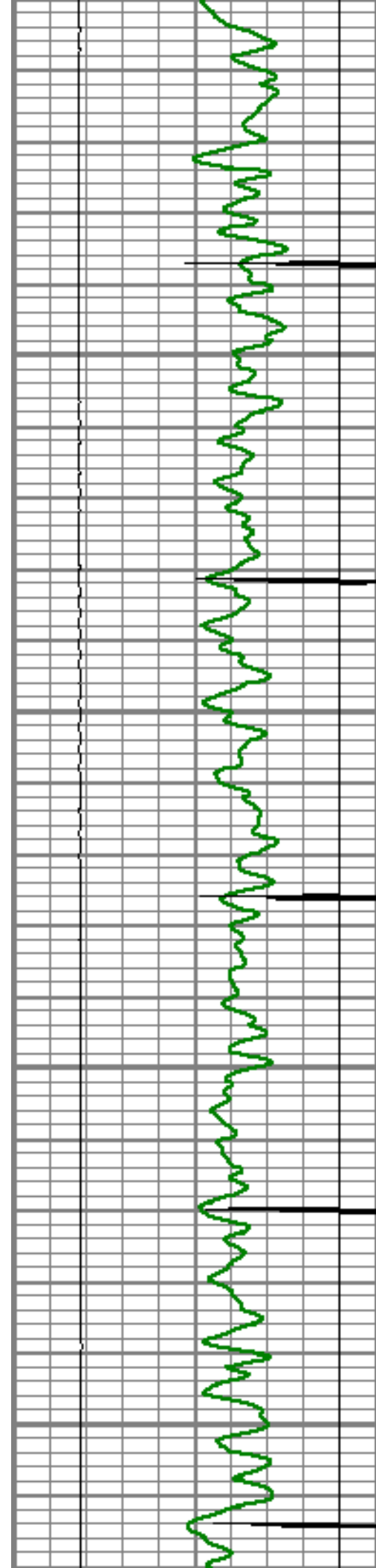
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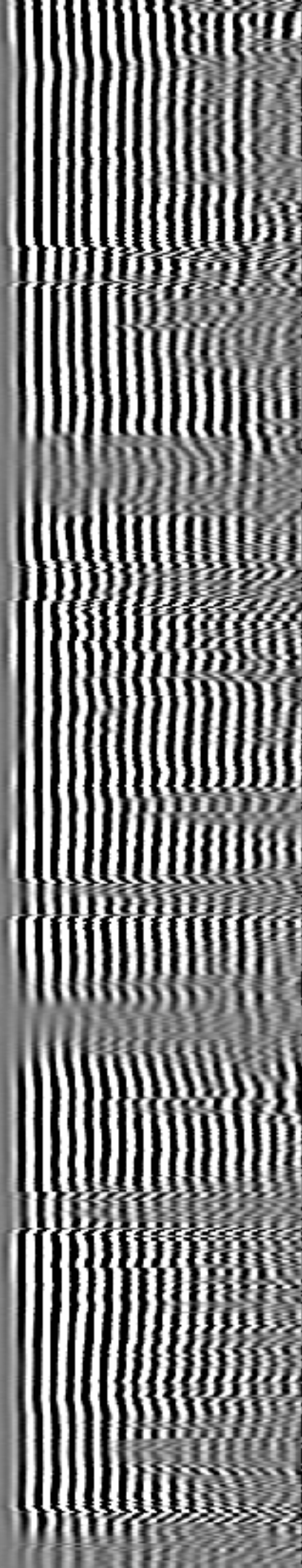
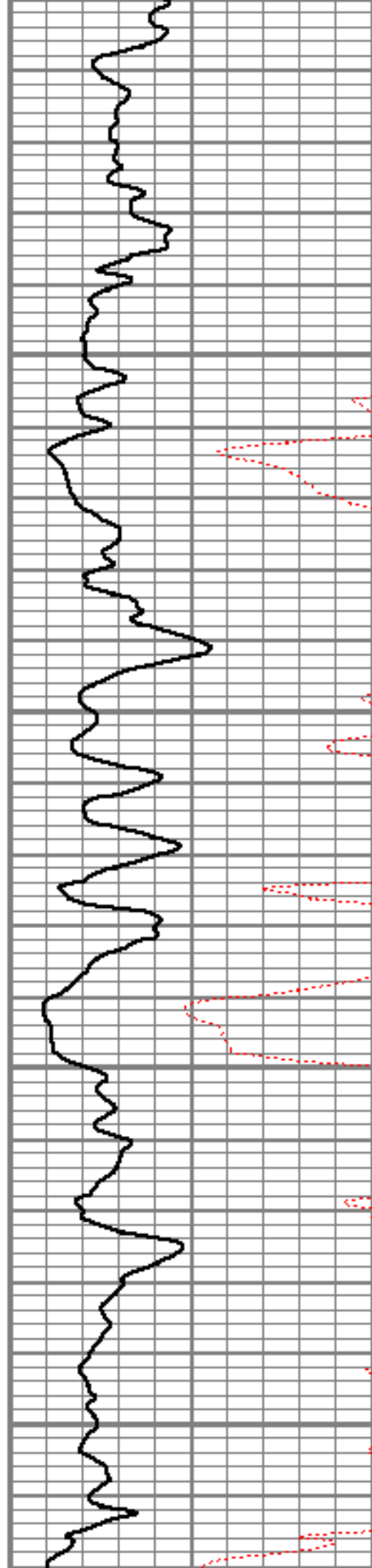
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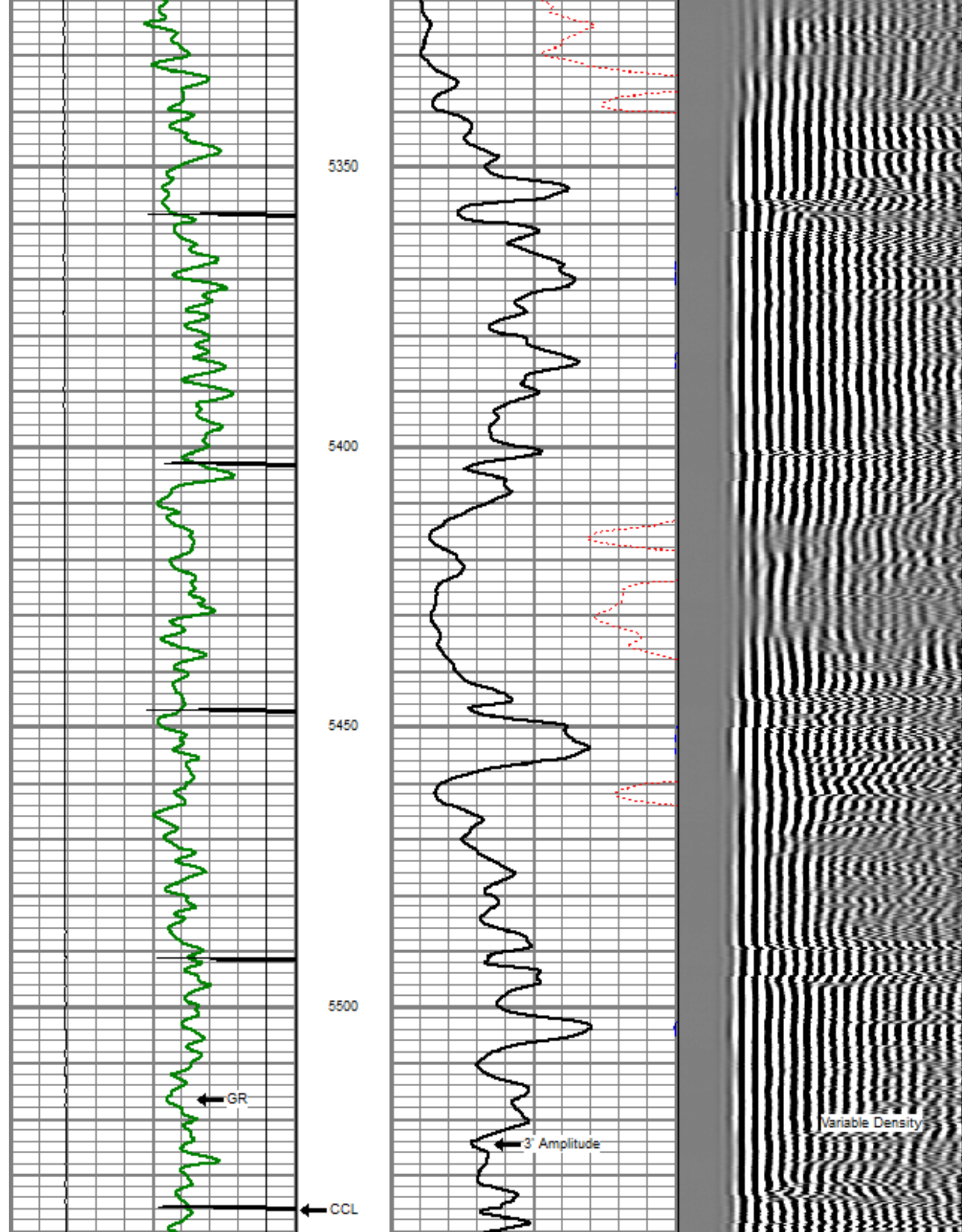
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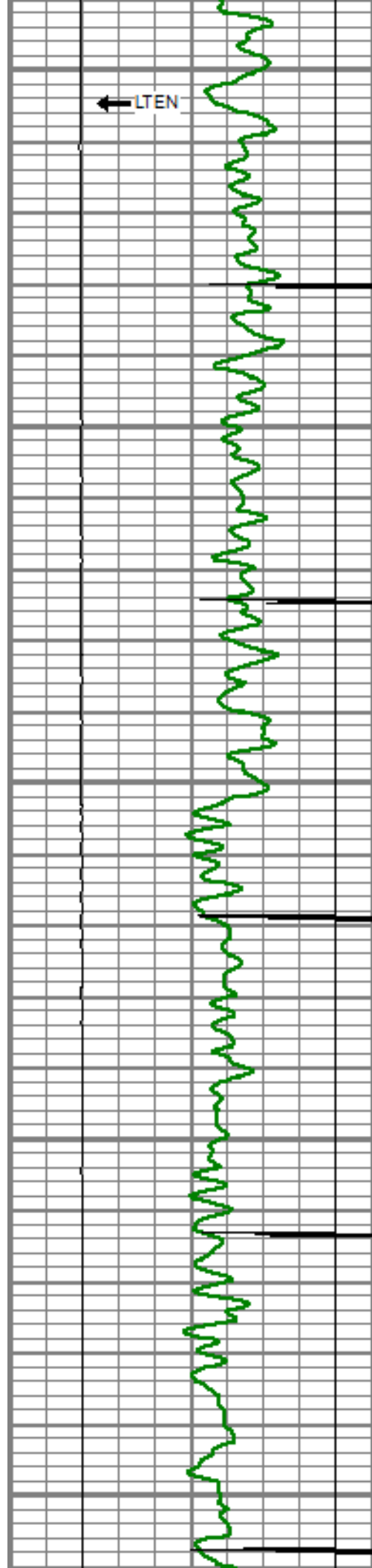




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5150
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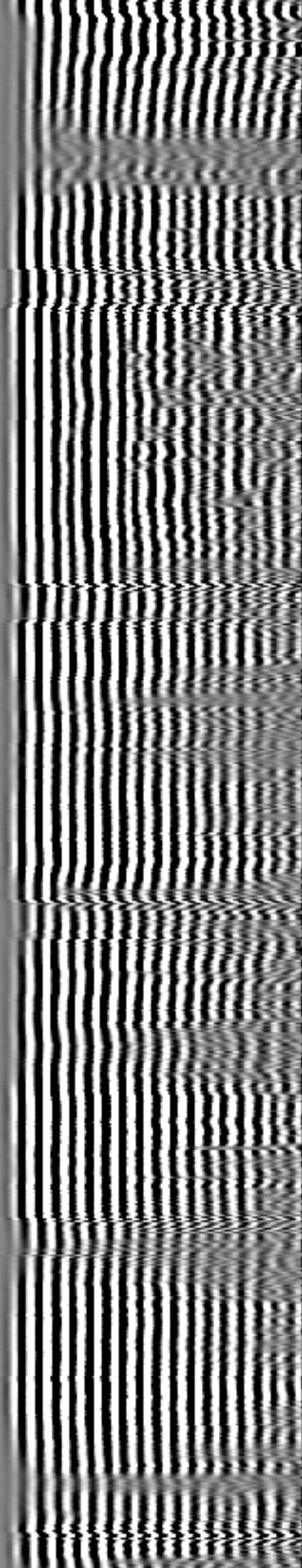
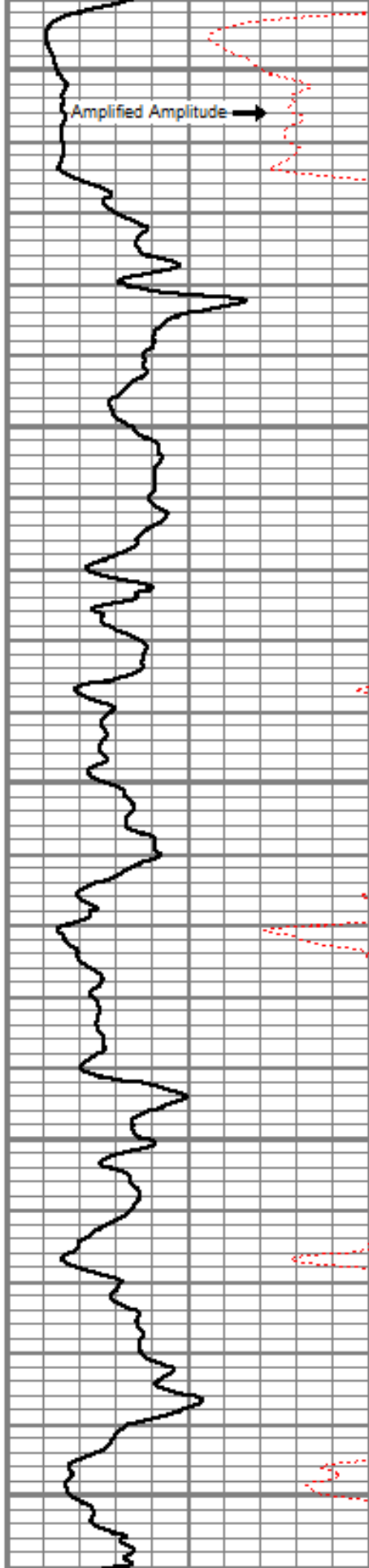
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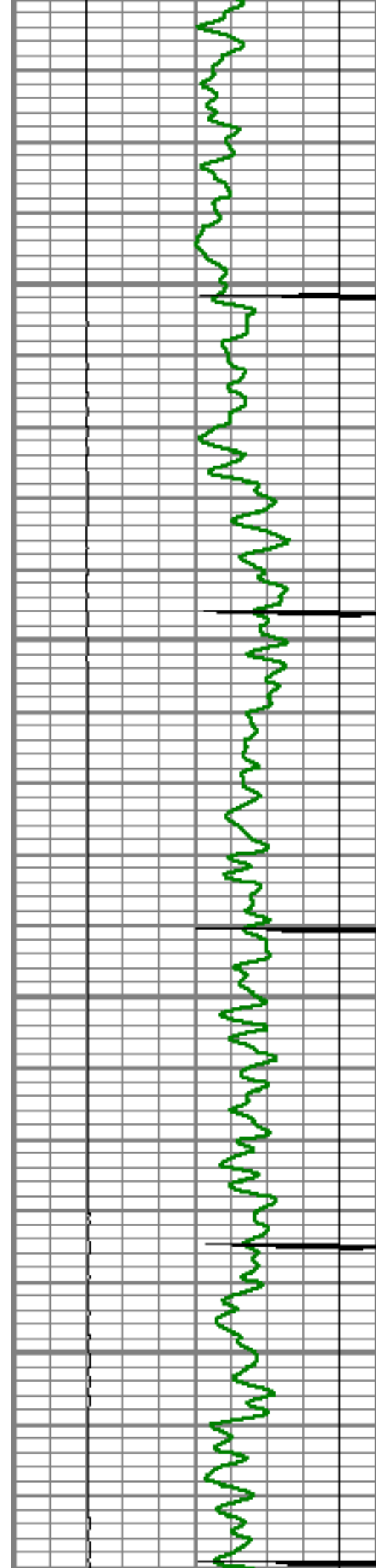
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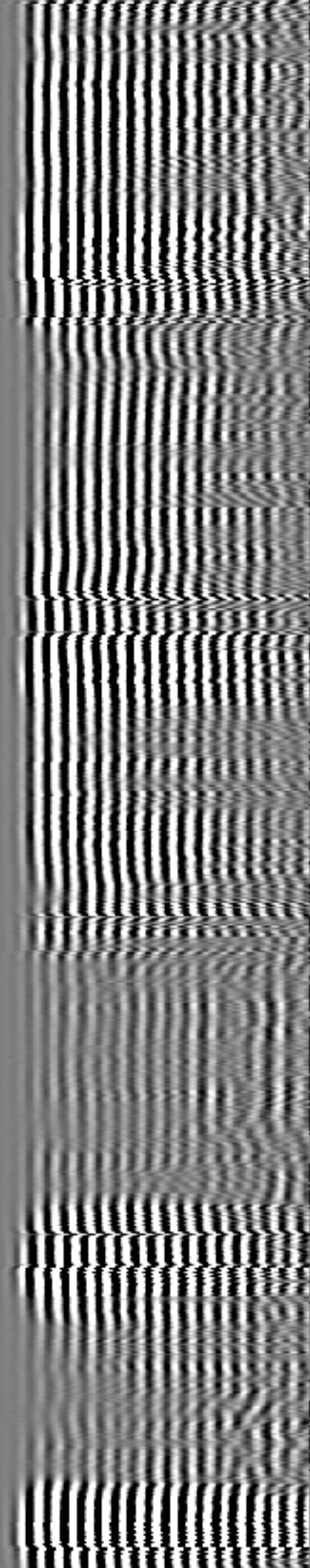
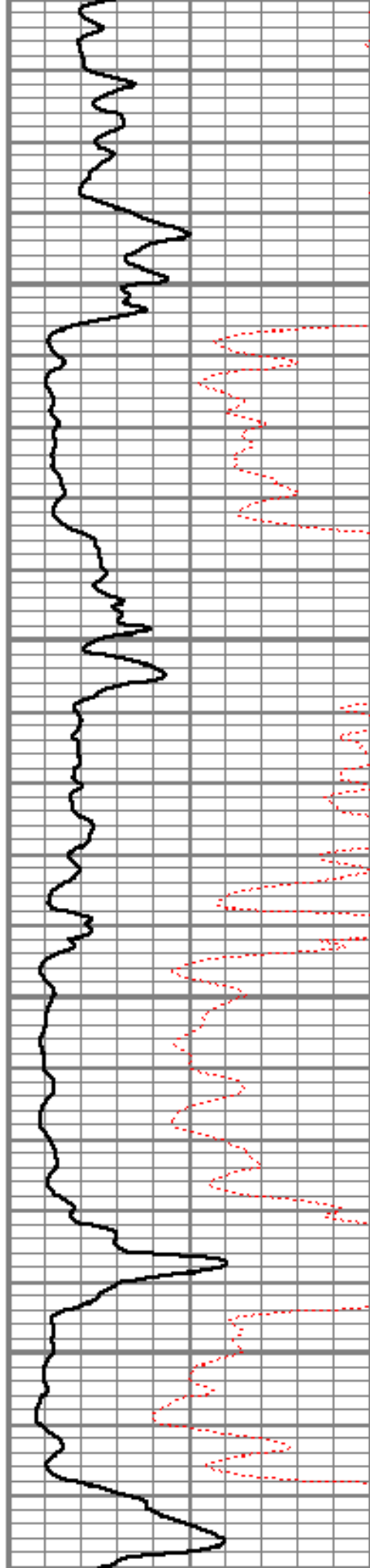


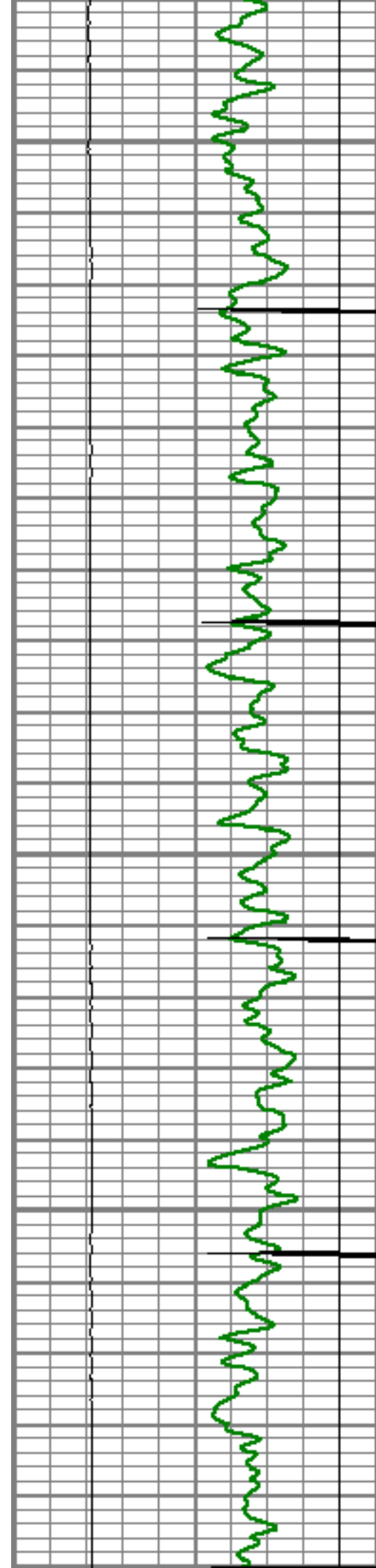
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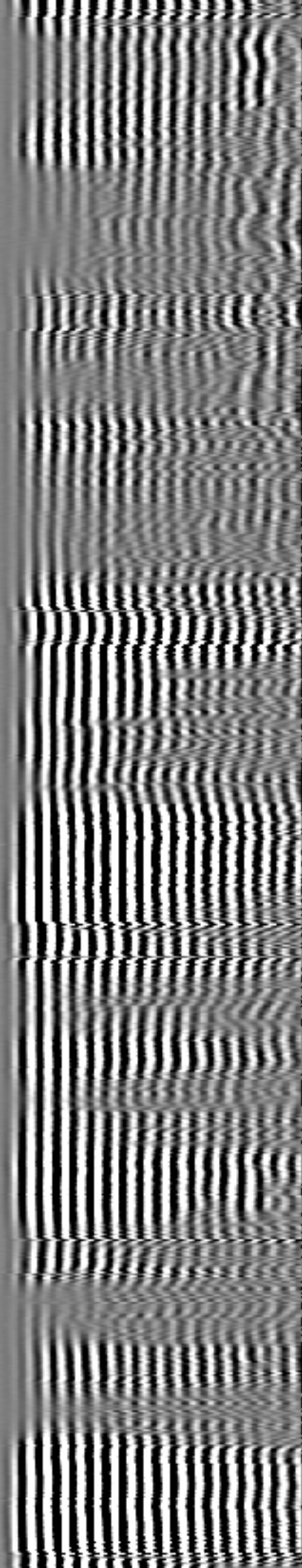
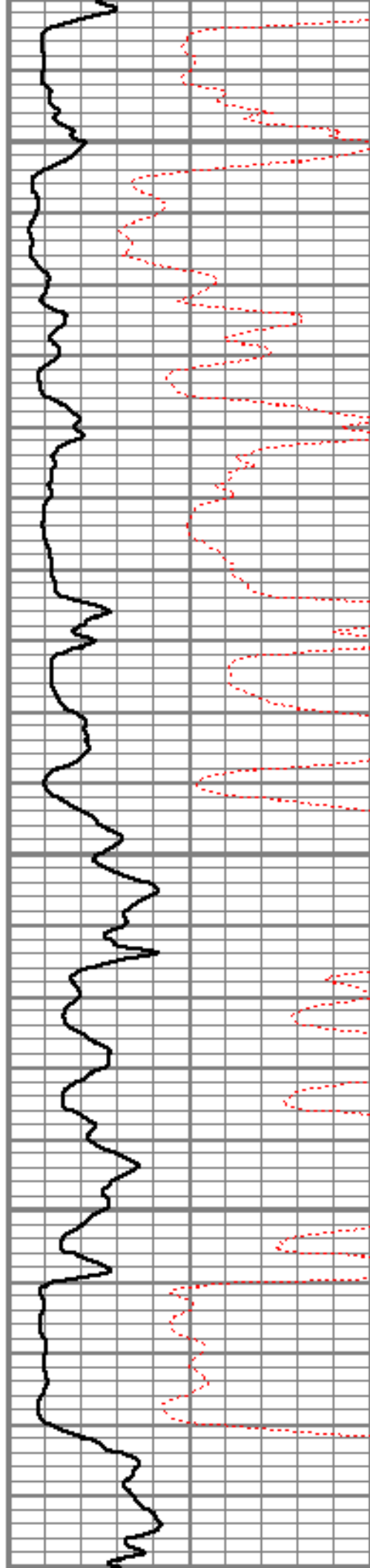
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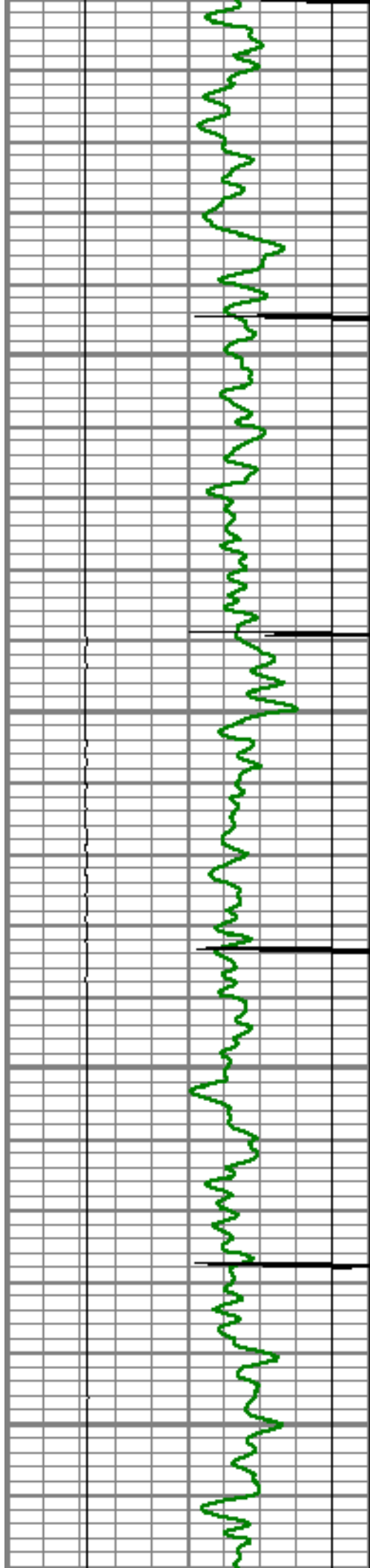
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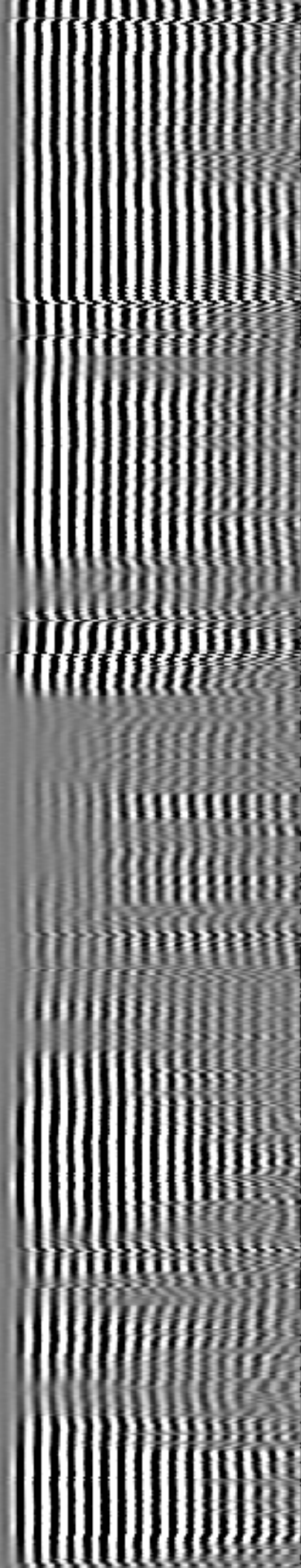
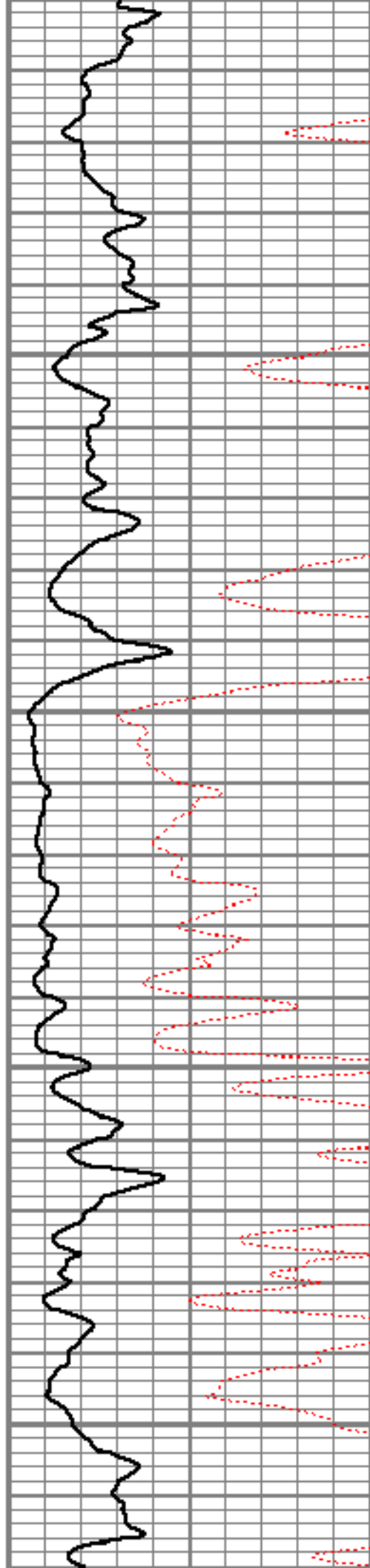
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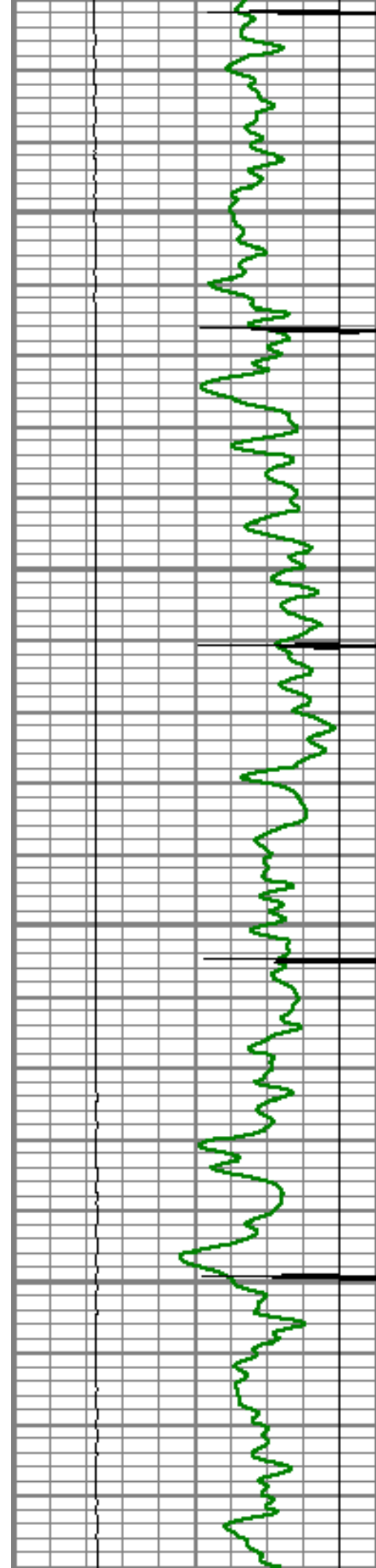
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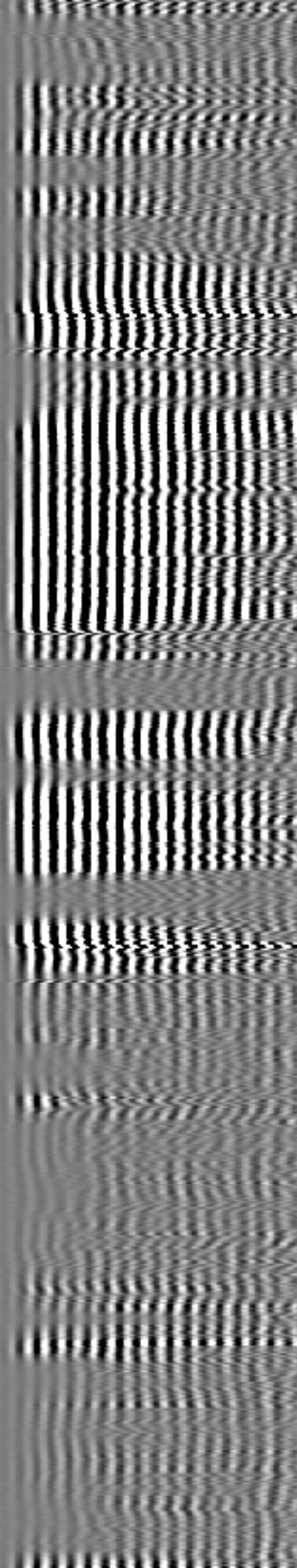
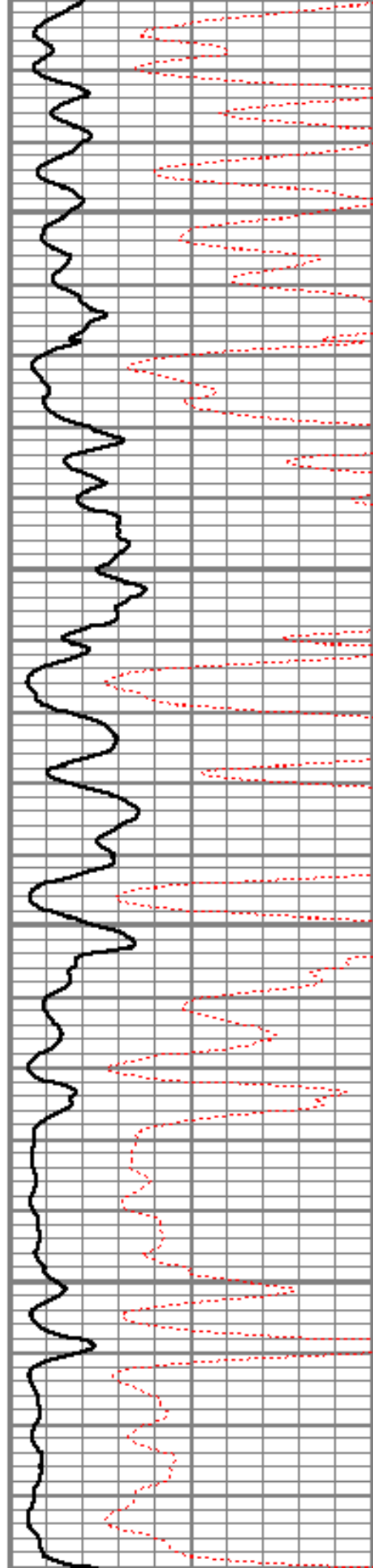


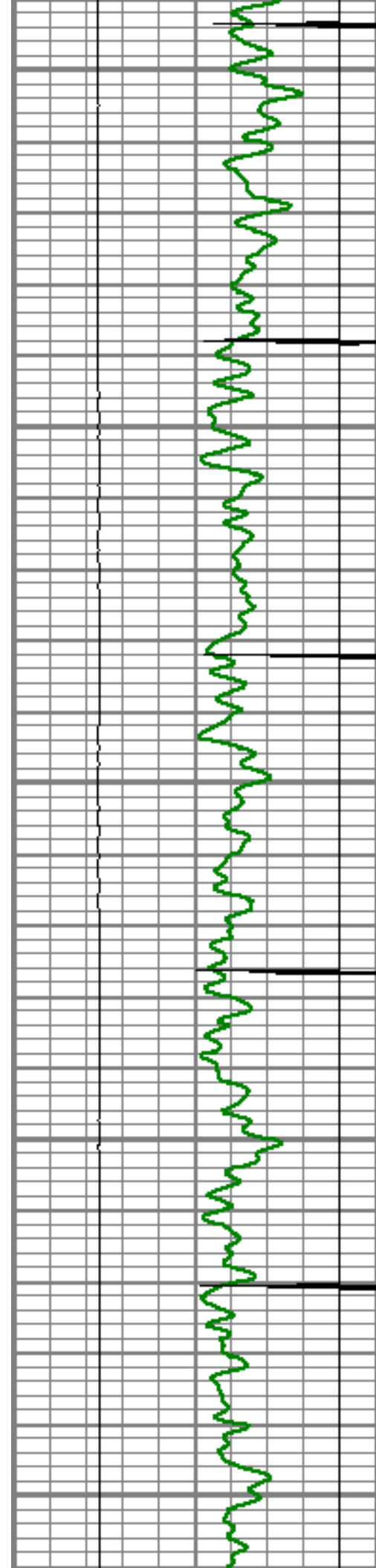
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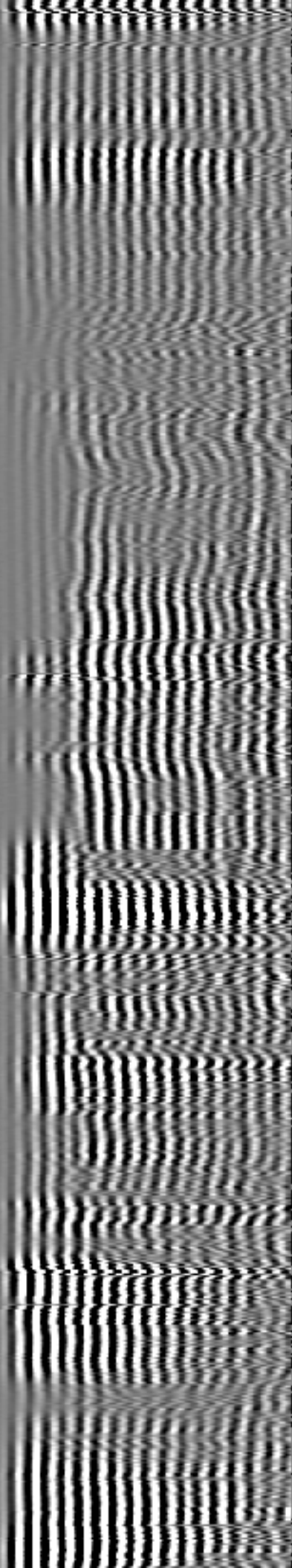
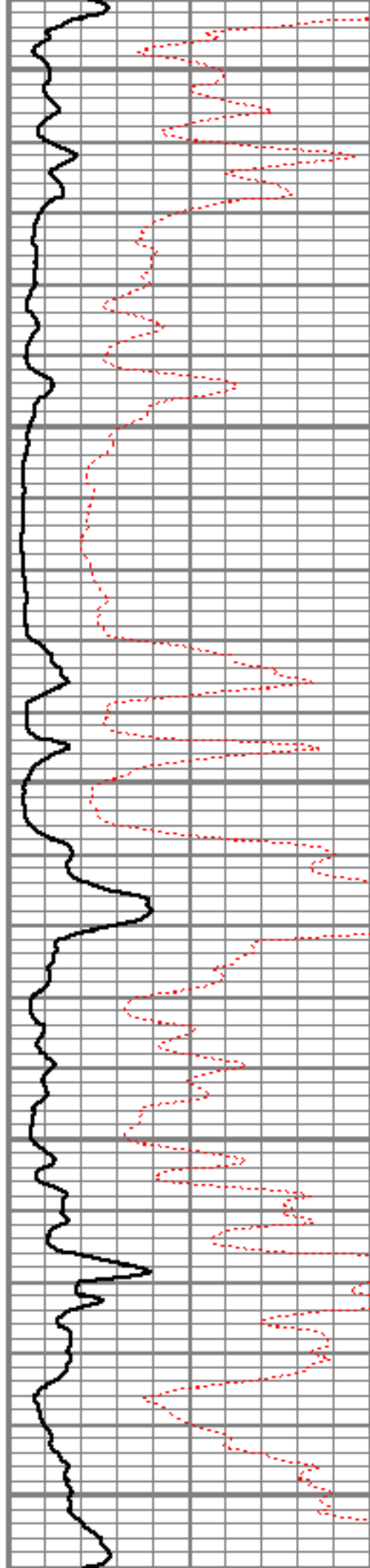
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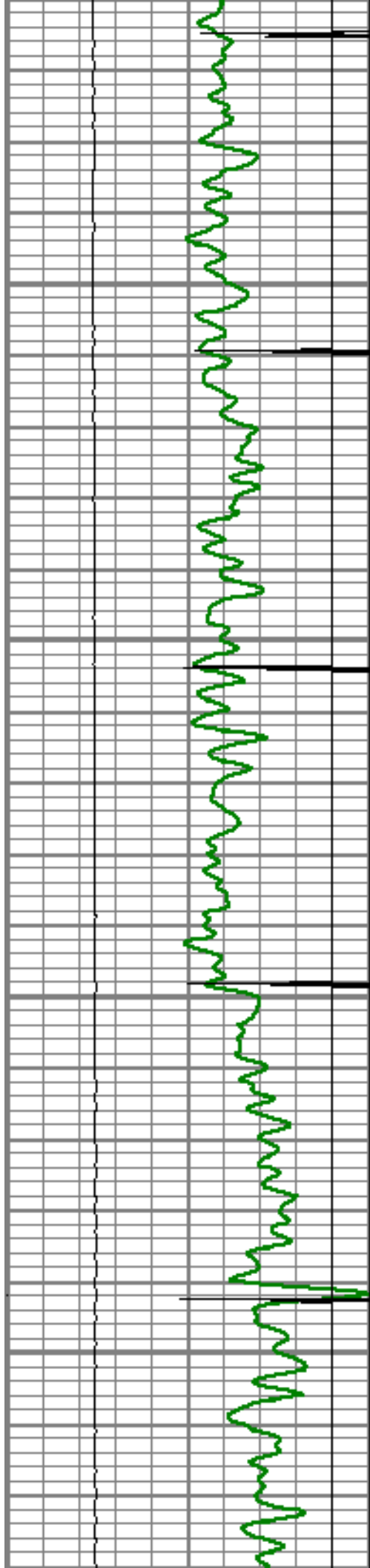
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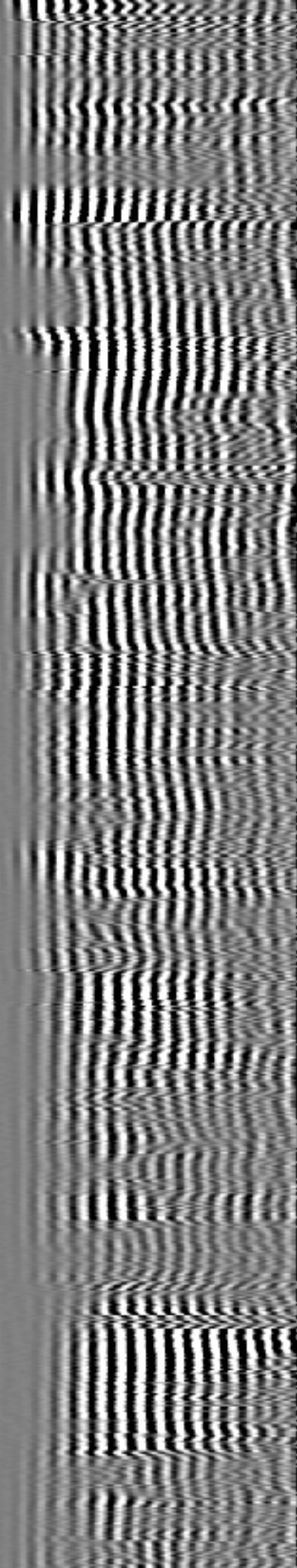
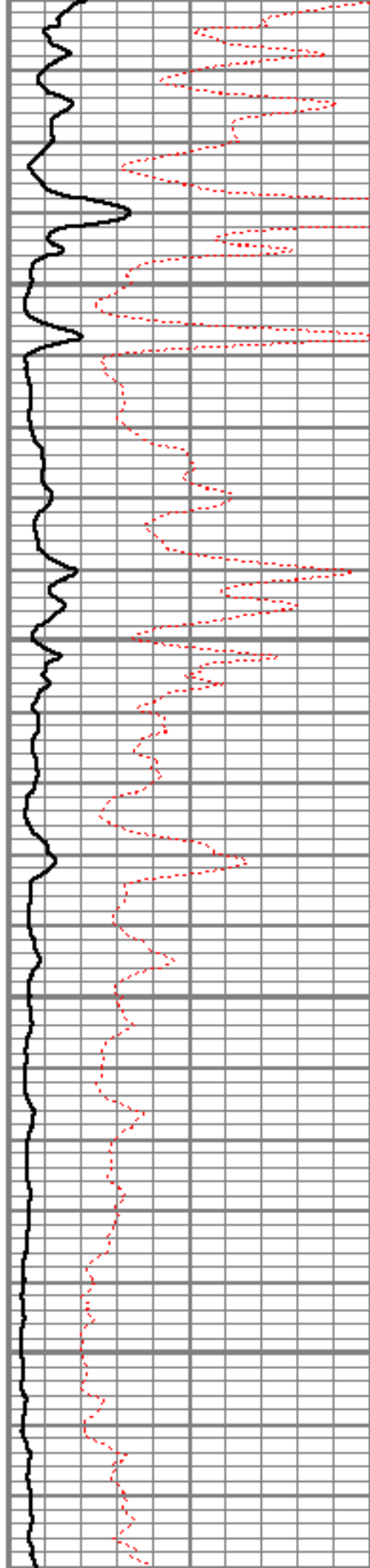


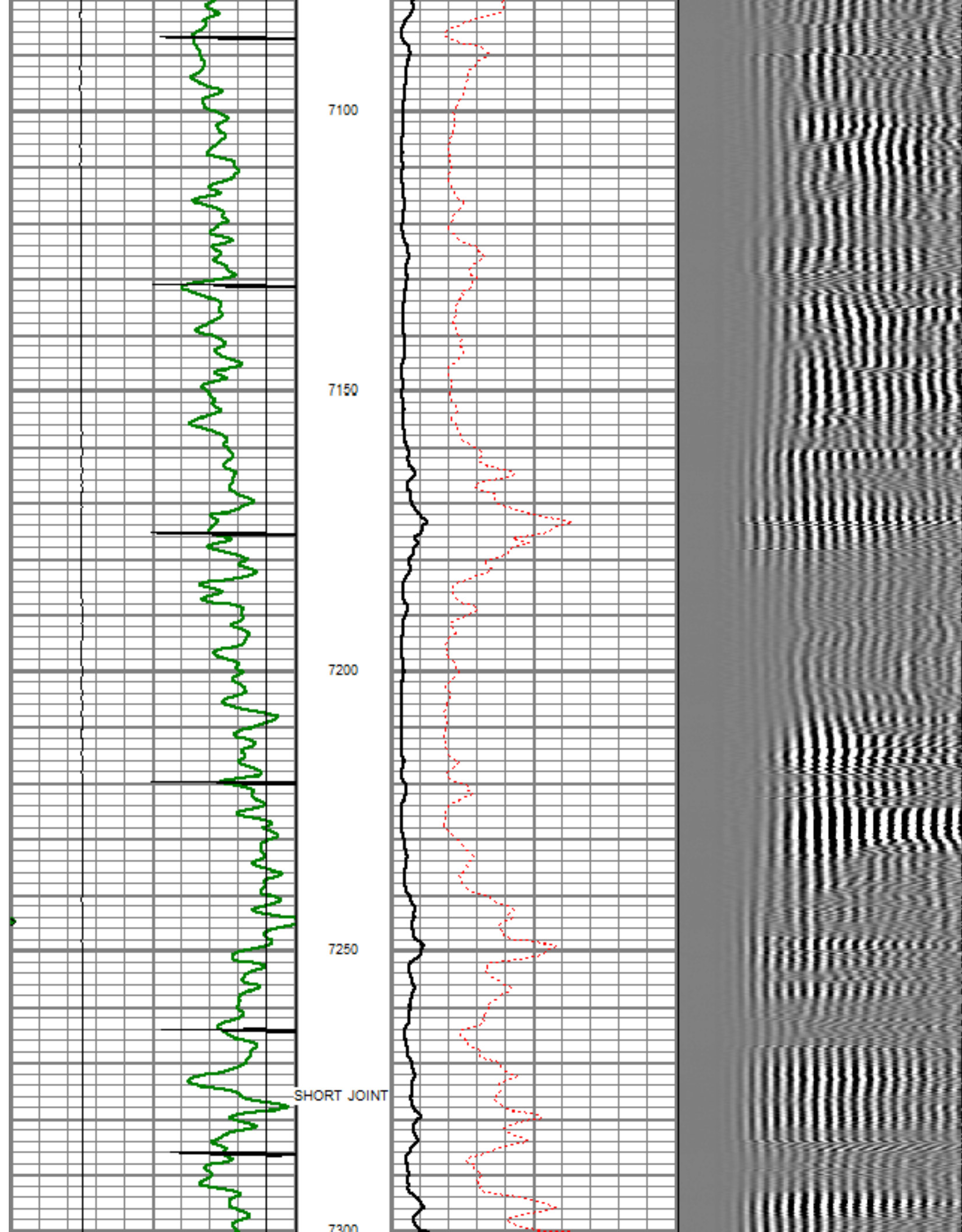
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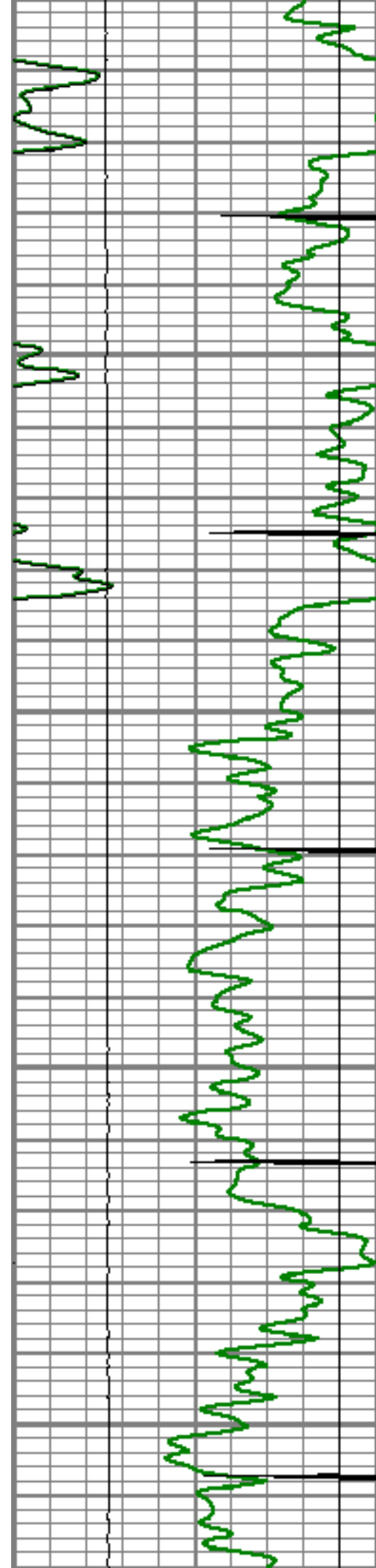
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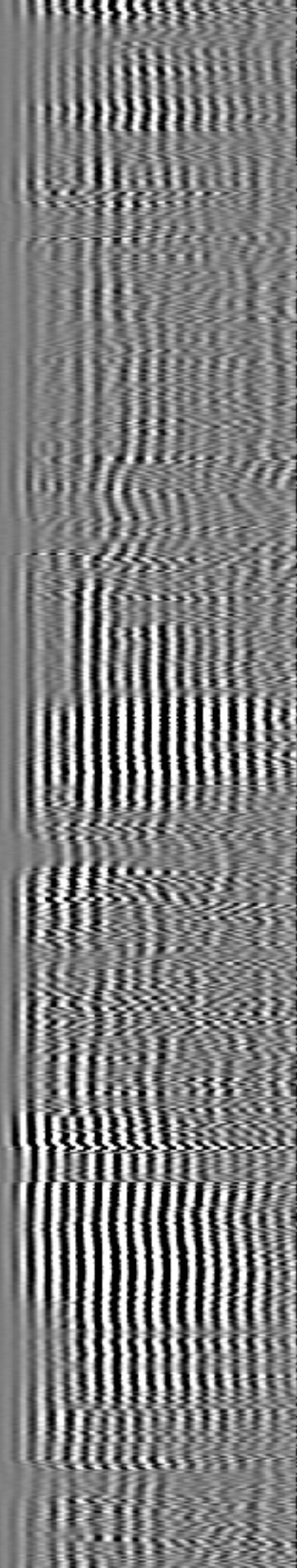
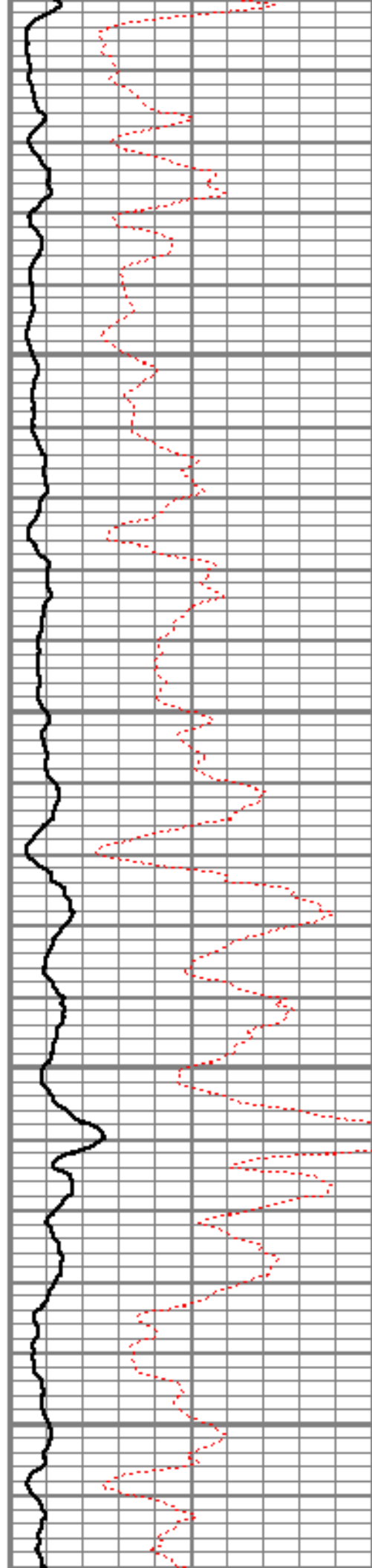
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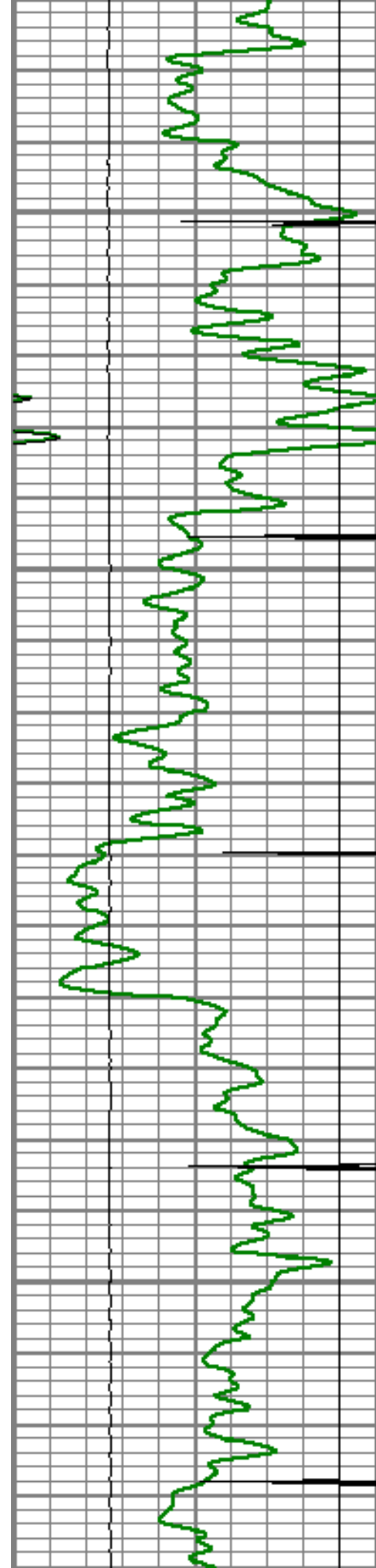






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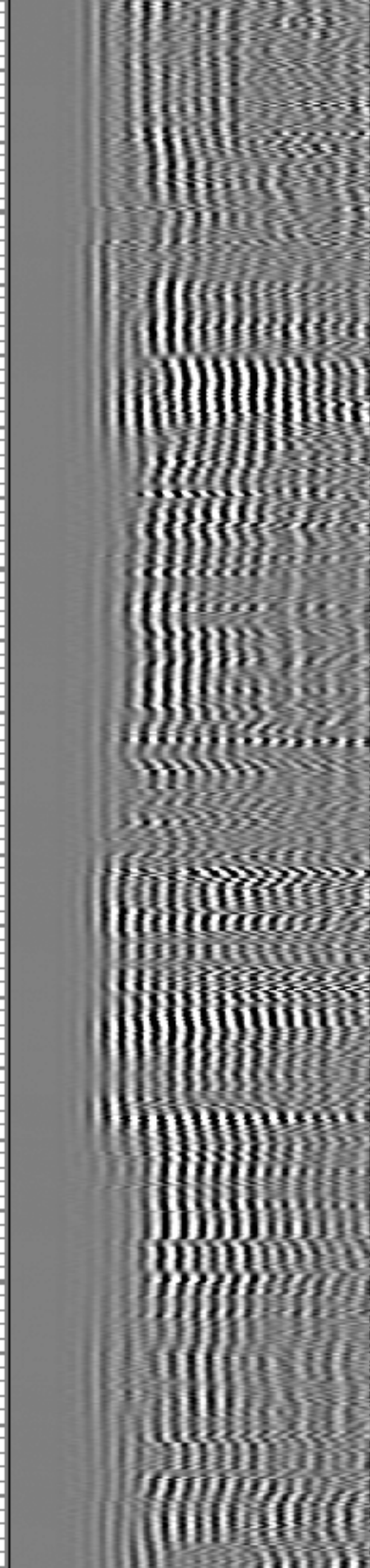
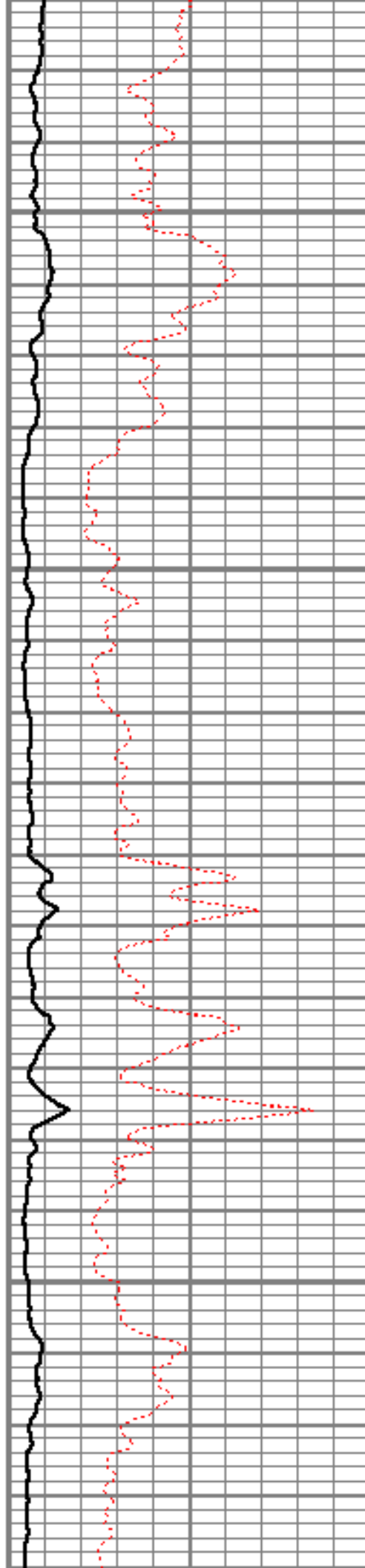


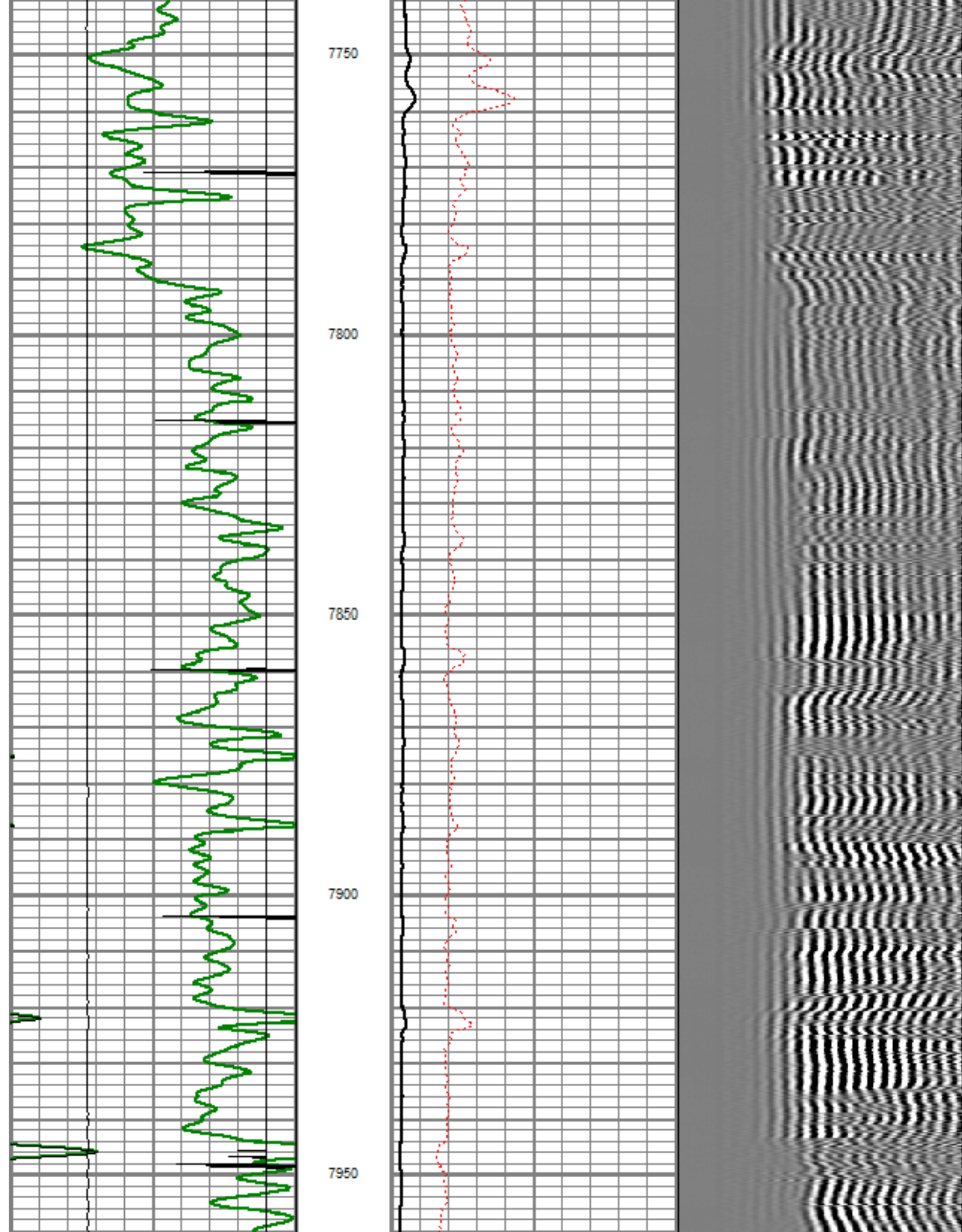
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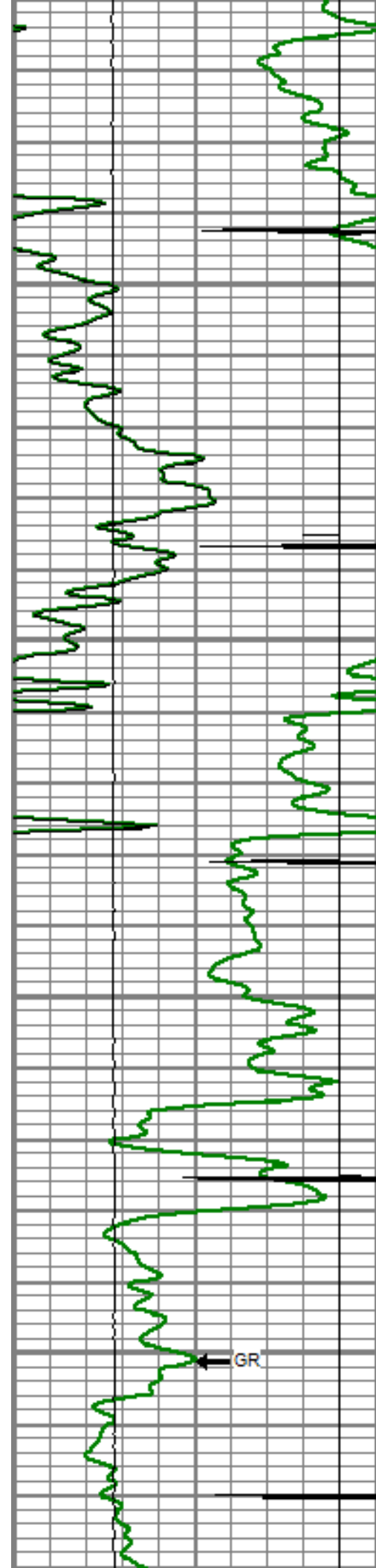
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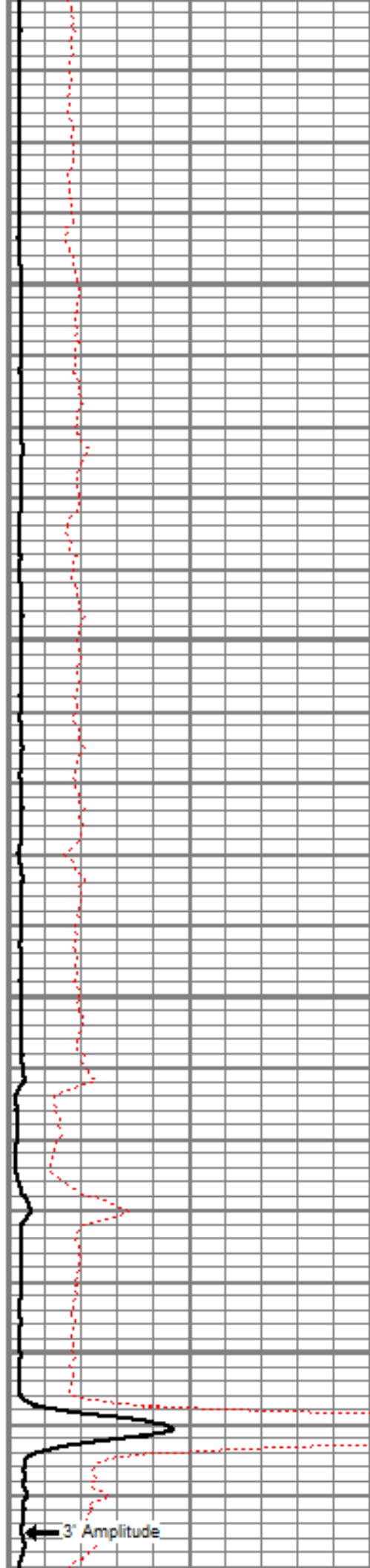
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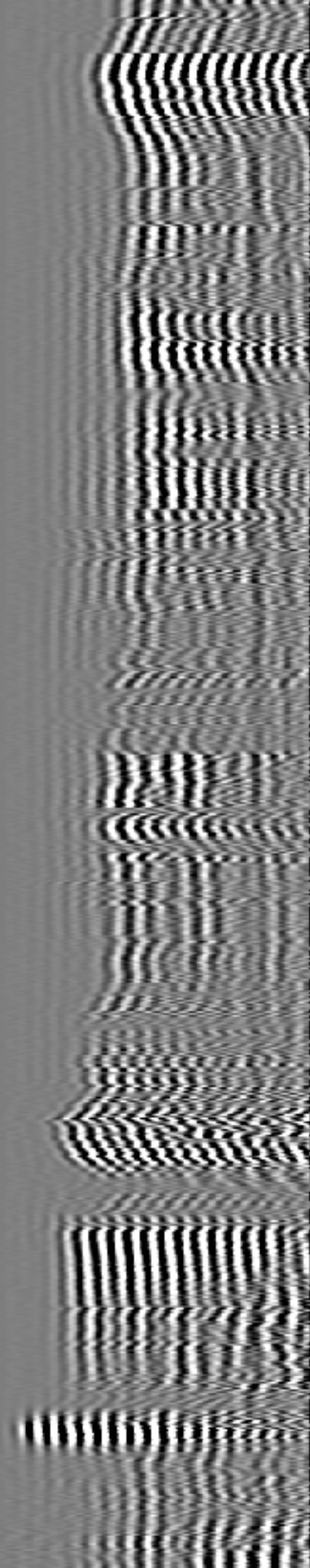
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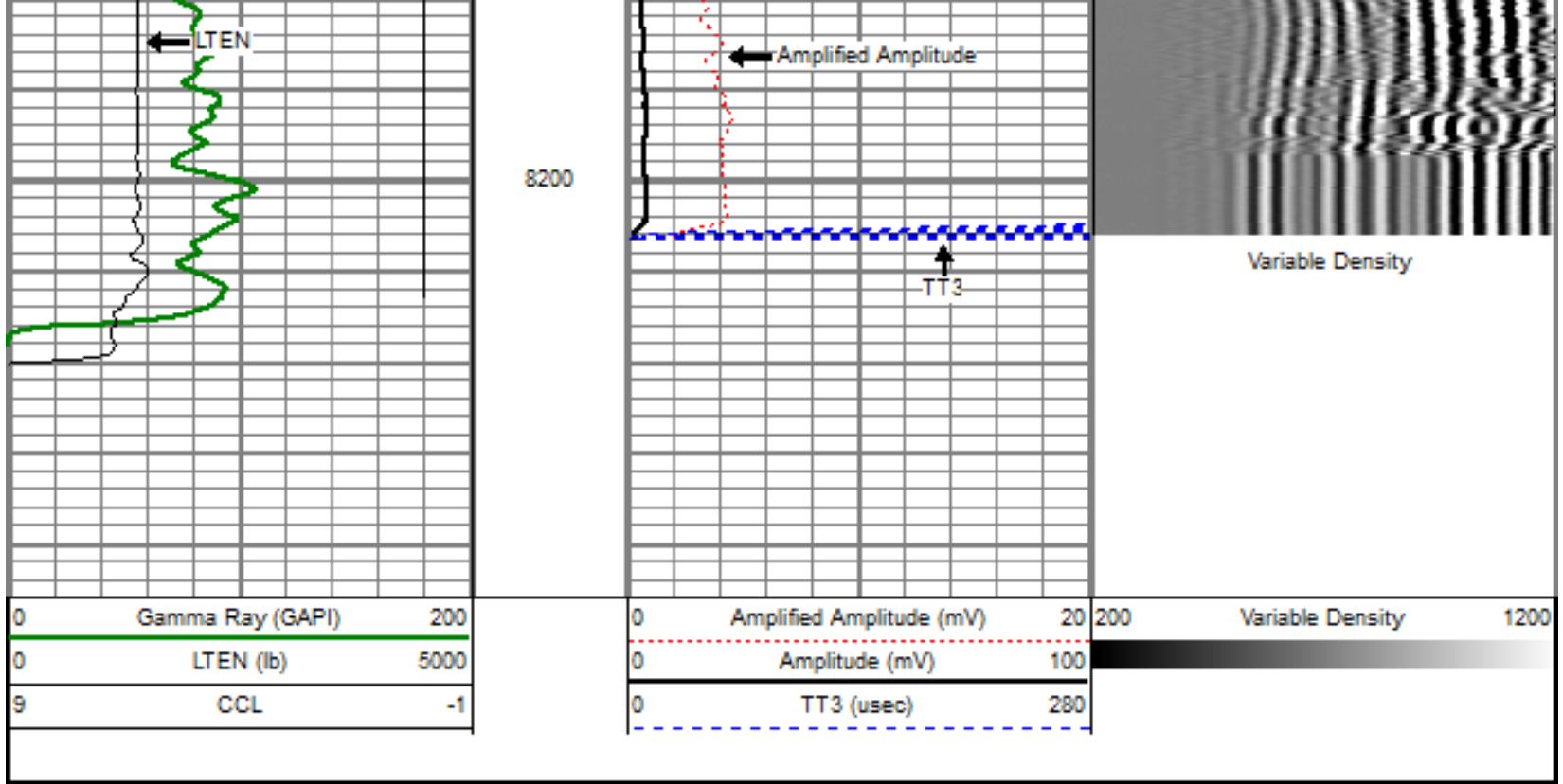
CCL

GR




3' Amplitude





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		Probe Bowspring Centralizer			
GR	3.77		GR-PROBE_GRCLL (PRB_GRCLL_275_01) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive pulse Temp tool	2.88	1.38	15.00
Dataset: ione 4-6-2.db: field/well/run1/pass4 Total Length: 22.98 ft Total Weight: 126.50 lb O.D.: 2.75 in						

	Company	ENCANA OIL & GAS (USA) INC
	Well	IONE 4-6-2
	Field	WATTENBERG
	County	WELD
	State	COLORADO