



CEMENT BOND LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC.		
Well	RASMUSSEN 0-4-19		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Location:		API # : 05-123-32255-0000	Other Services NONE
Well		RASMUSSEN 0-4-19	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Permanent Datum		GROUND LEVEL	Elevation 5000'
Log Measured From		KELLY BUSHING = 13'	K.B. 5013'
Drilling Measured From		KELLY BUSHING	D.F. 5014'
			G.L. 5000'

Date	6 MARCH 2012				
Run Number	ONE				
Depth Driller	8420'				
Depth Logger	8378'				
Bottom Logged Interval	8378'				
Top Log Interval	2900'				
Open Hole Size	7.875"				
Type Fluid	WATER				
Density / Viscosity	~8.34 LBS/GAL				
Max. Recorded Temp.	250 Deg F				
Estimated Cement Top	3410'				
Time Well Ready	N/A				
Time Logger on Bottom	N/A				
Equipment Number	W0059 / PBO1				
Location	AULT, CO				
Recorded By	V. FULLER				
Witnessed By	TOM MAJORS				
Borehole Record					
Run Number	Bit	From	To	Size	Tubing Record
ONE	12.25"	0'	800'		From To
TWO	7.875"	0'	8420'		
Casing Record	Size		Wd/Ft	Top	Bottom
Surface String	8.625"		24#	0'	797'
Prot. String					
Production String	4.50"		11.6#	0'	8407'
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 = 7450' - 7470'

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



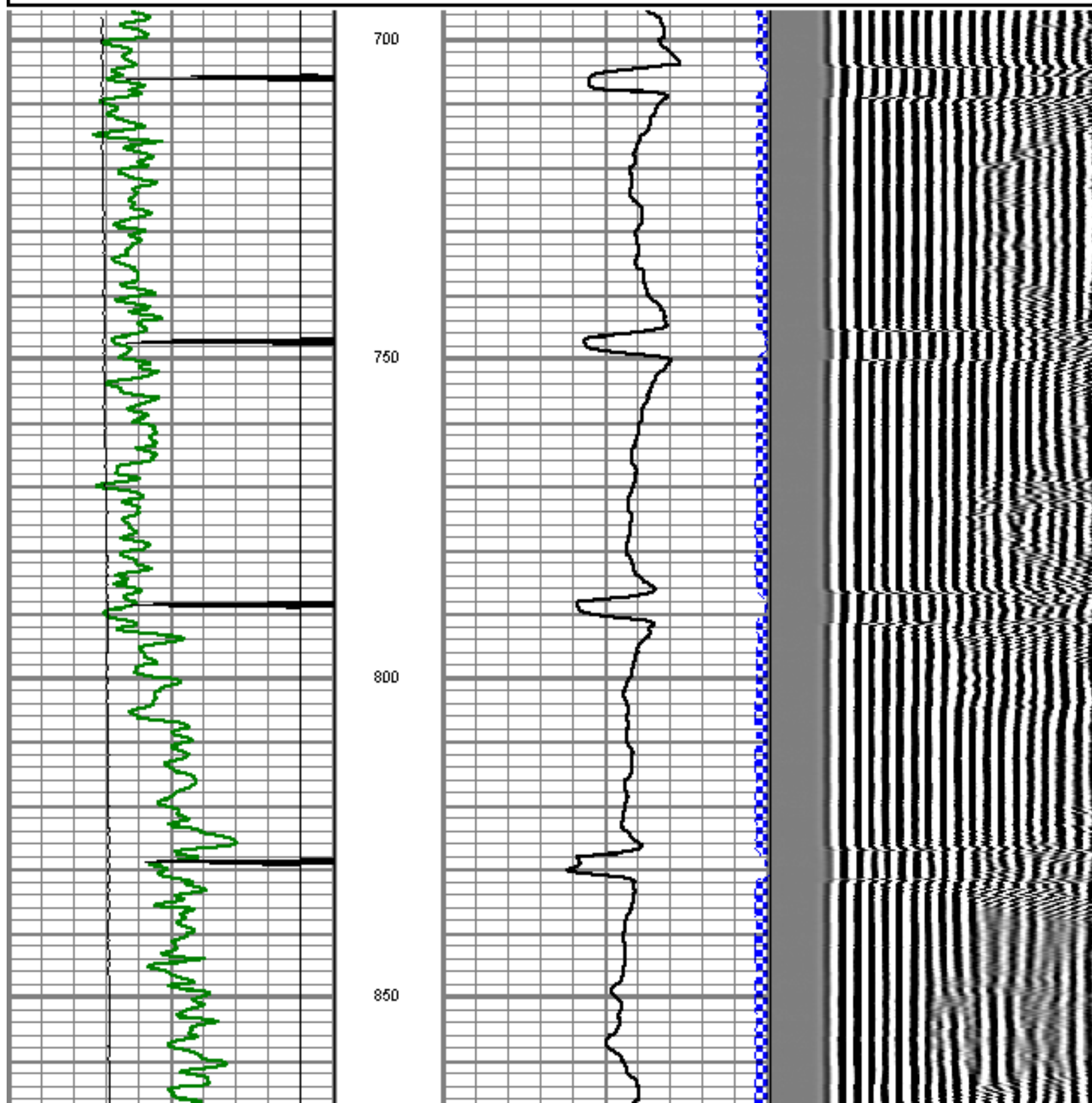
SURFACE CASING PASS

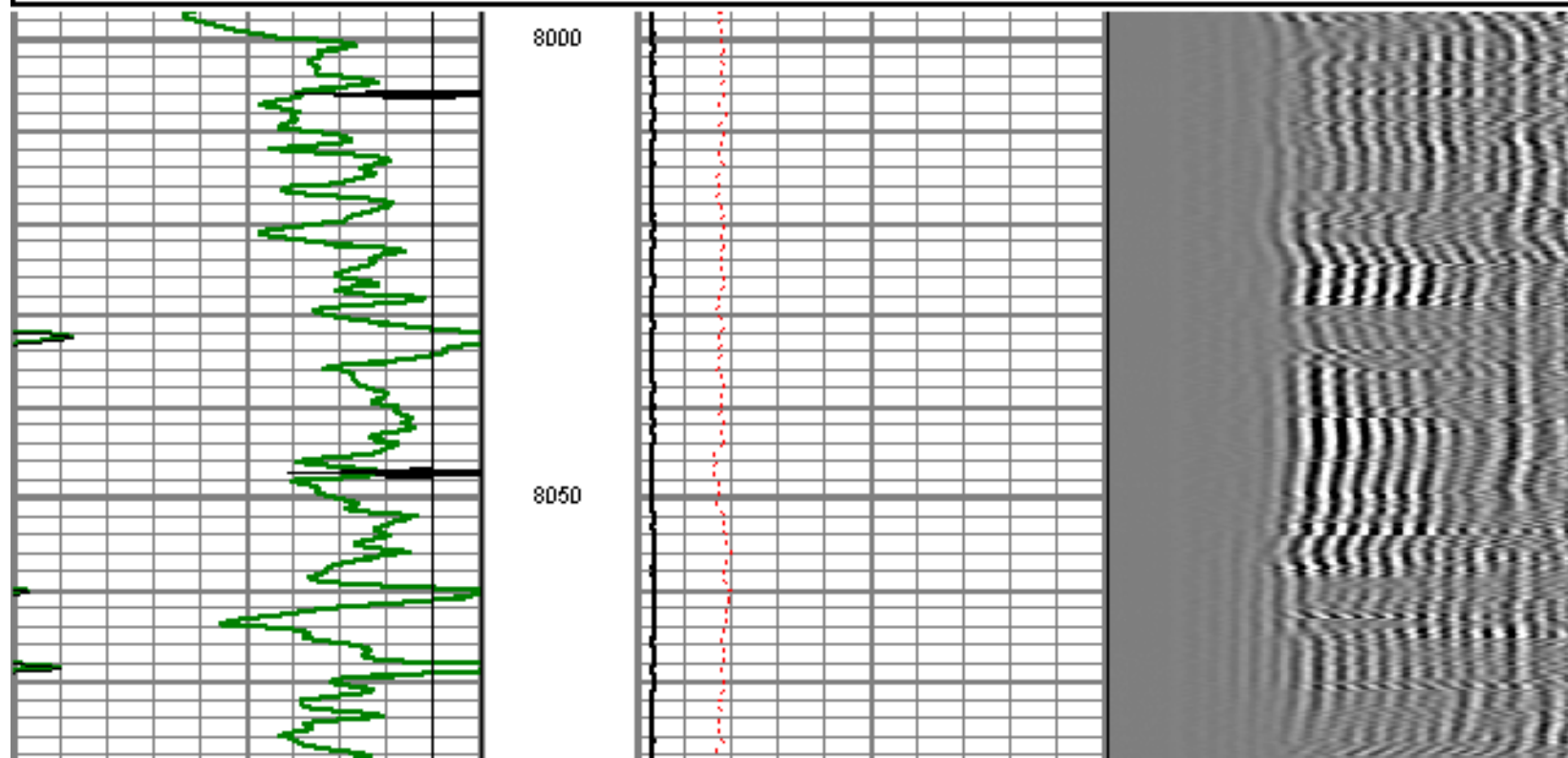
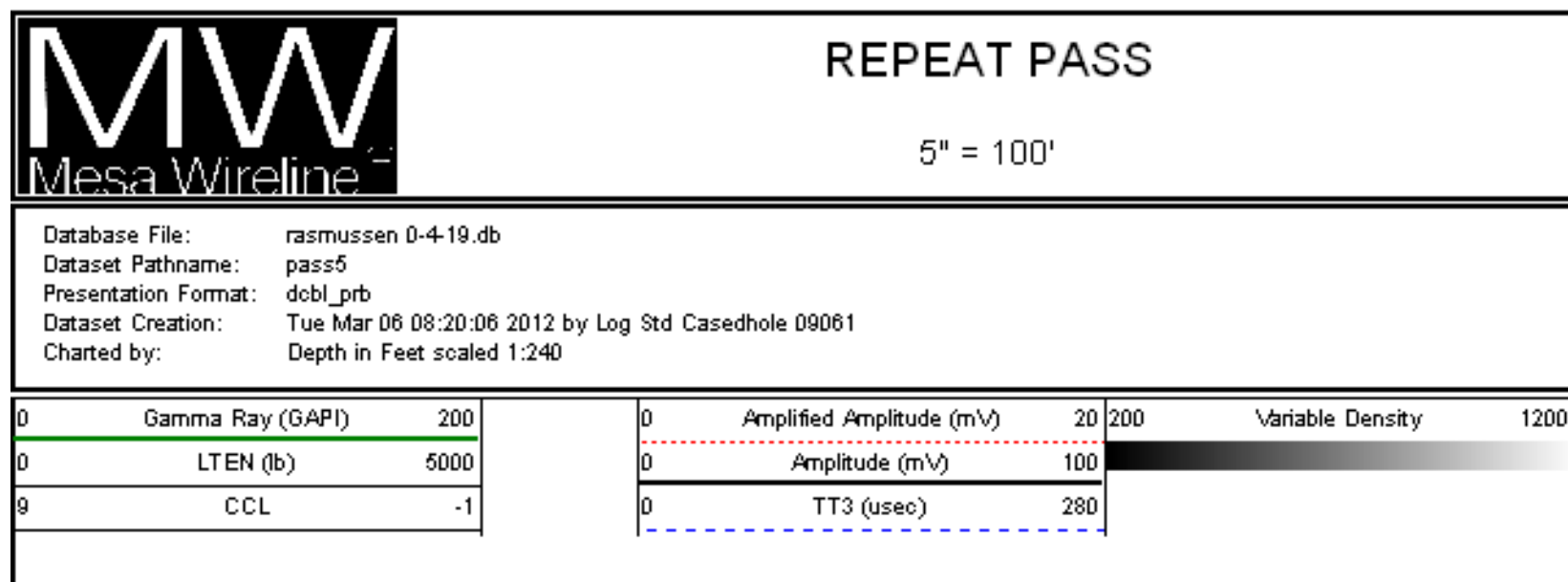
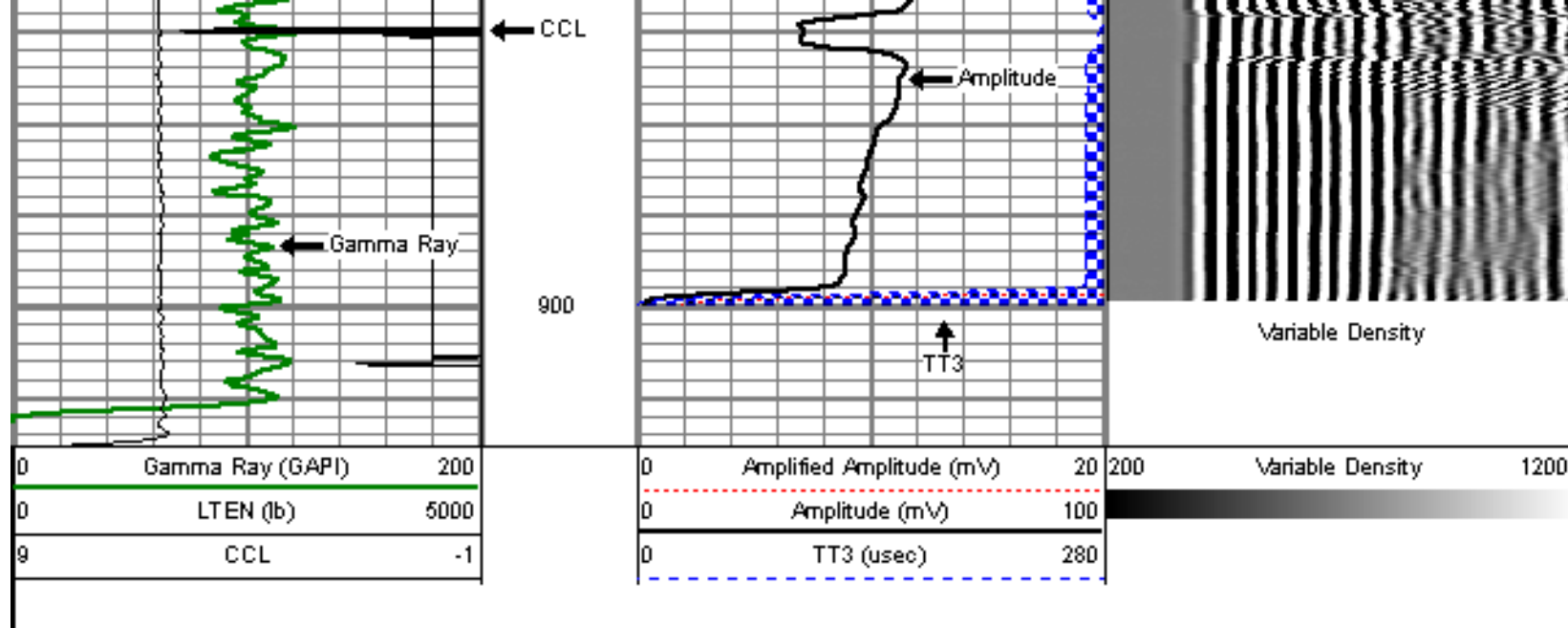
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Dataset Pathname: pass15
Presentation Format: dcbl_prb
Dataset Creation: Tue Mar 06 10:45:22 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

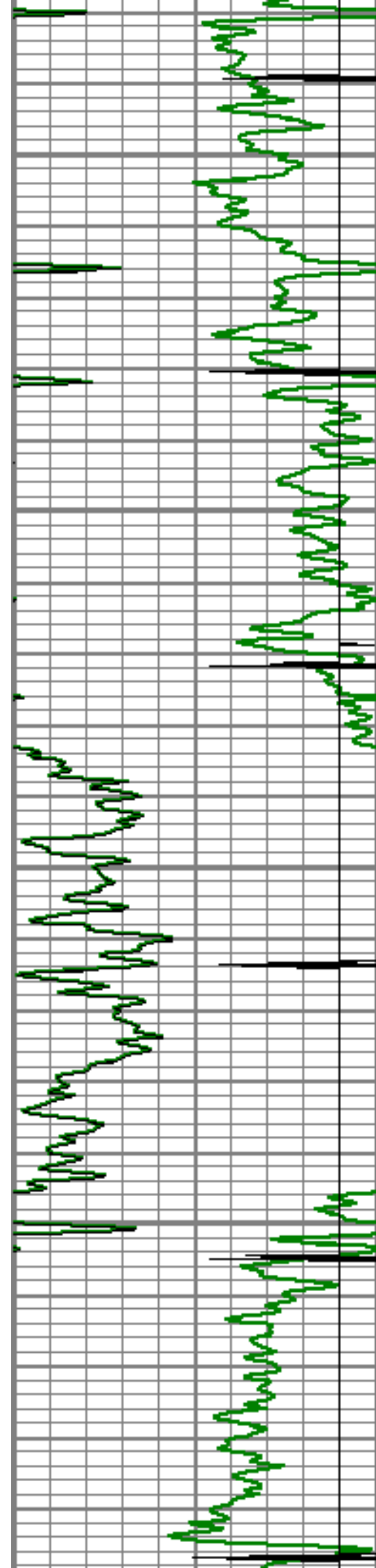
0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1

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

200 Variable Density 1200





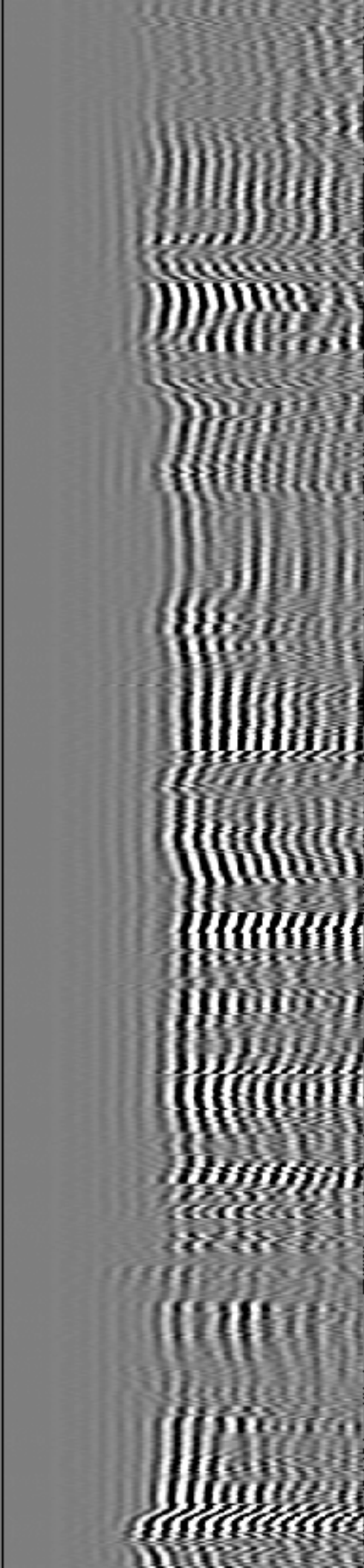
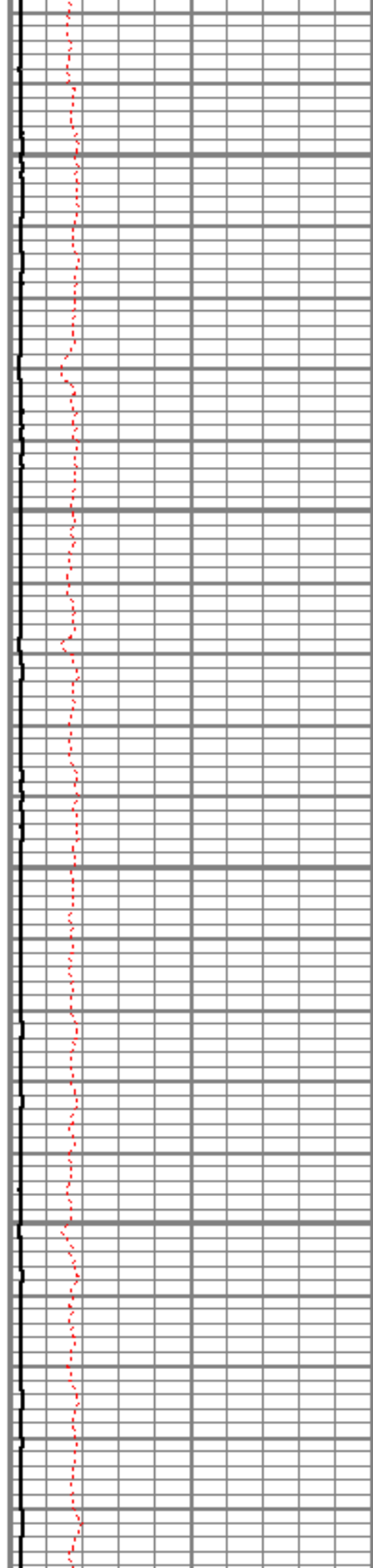


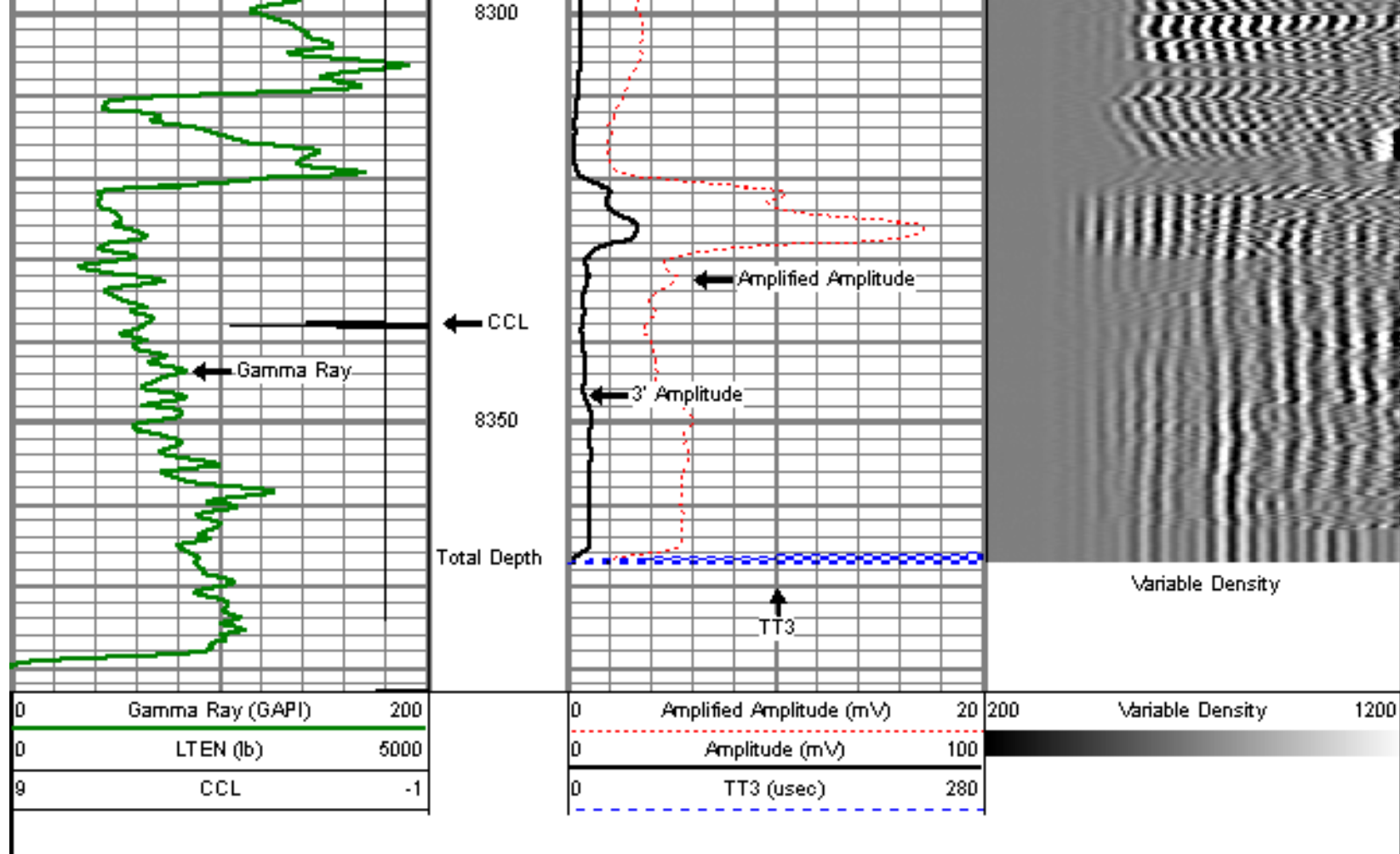
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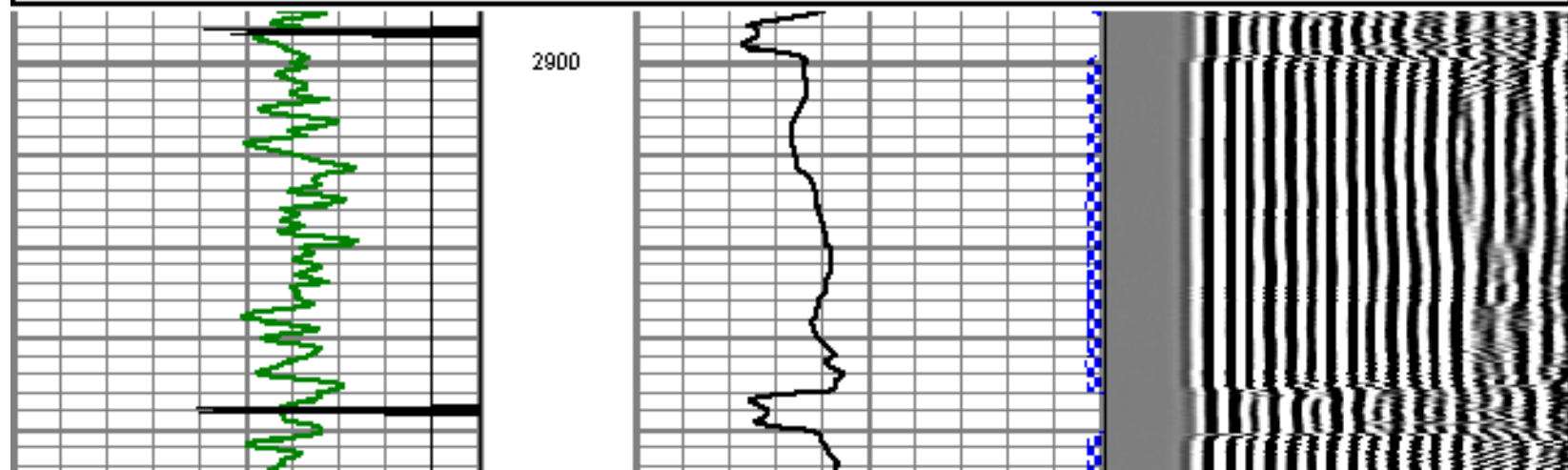
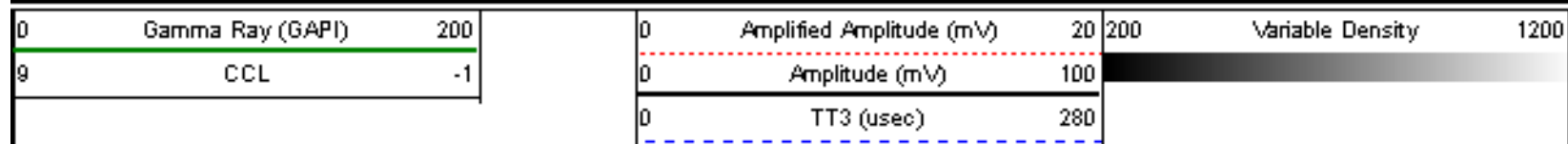


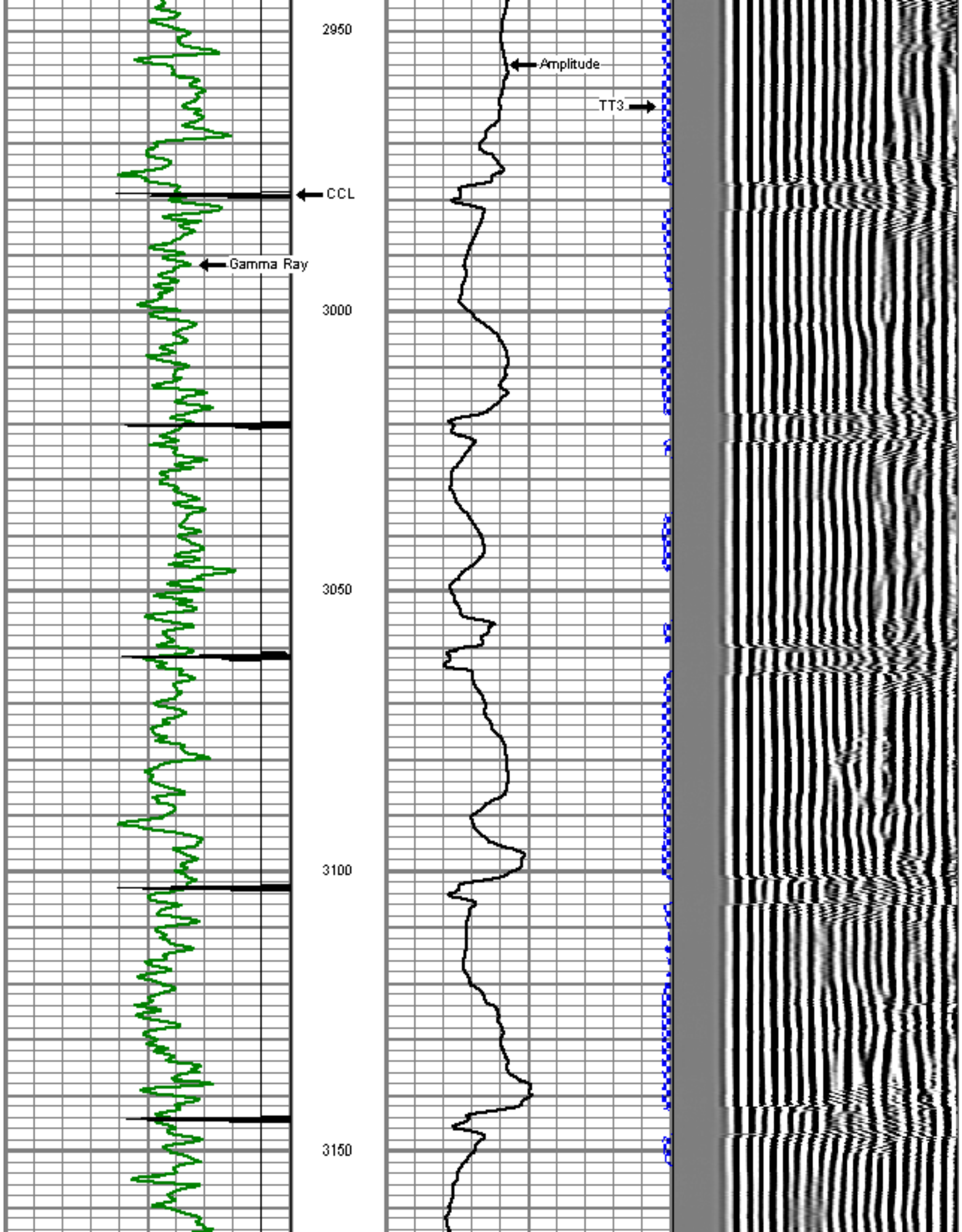


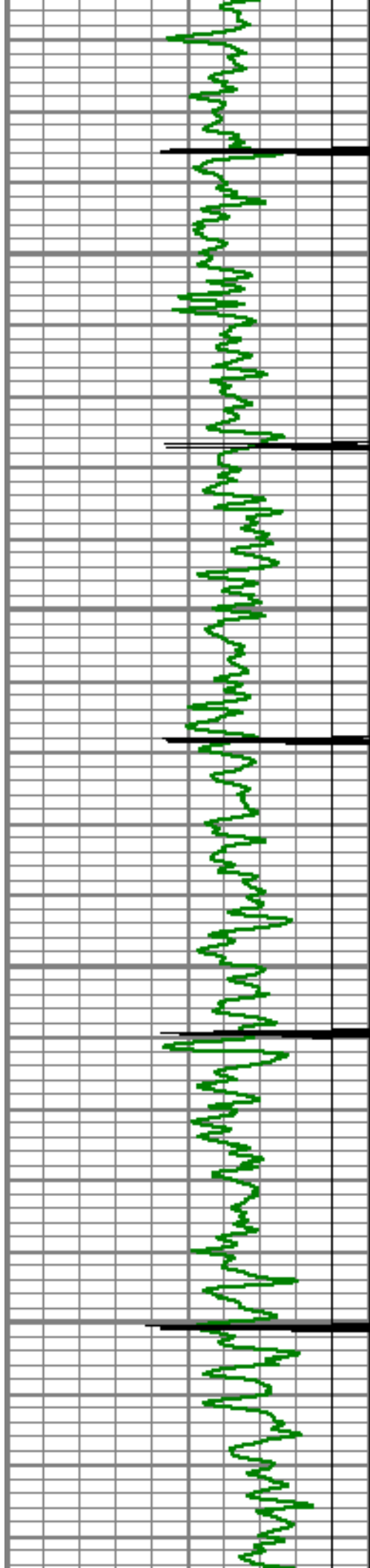
MAIN PASS

5" = 100'

Database File: rasmussen 0-4-19.db
 Dataset Pathname: pass6
 Presentation Format: dcbl_prb
 Dataset Creation: Tue Mar 06 08:29:27 2012 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240





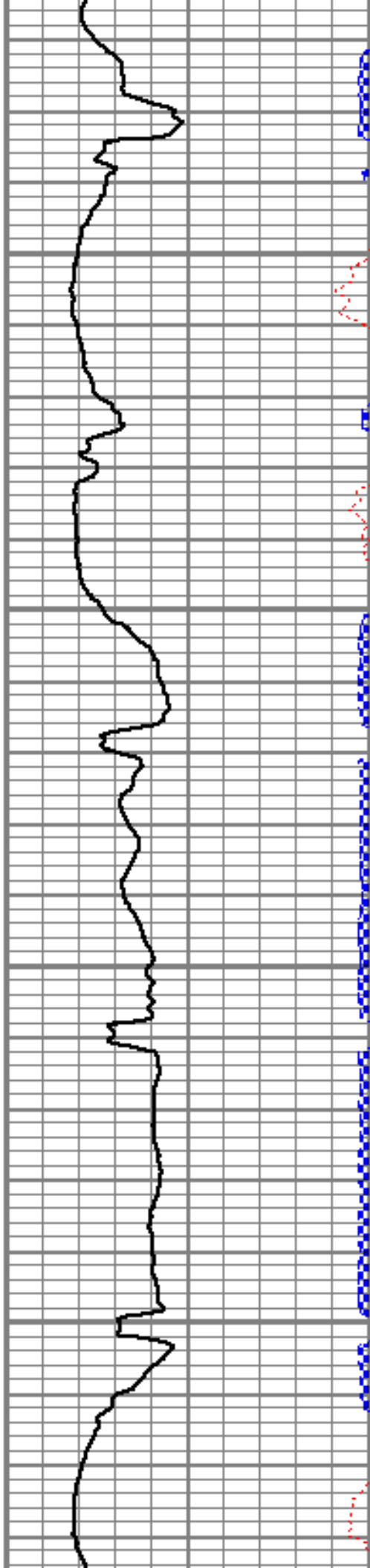


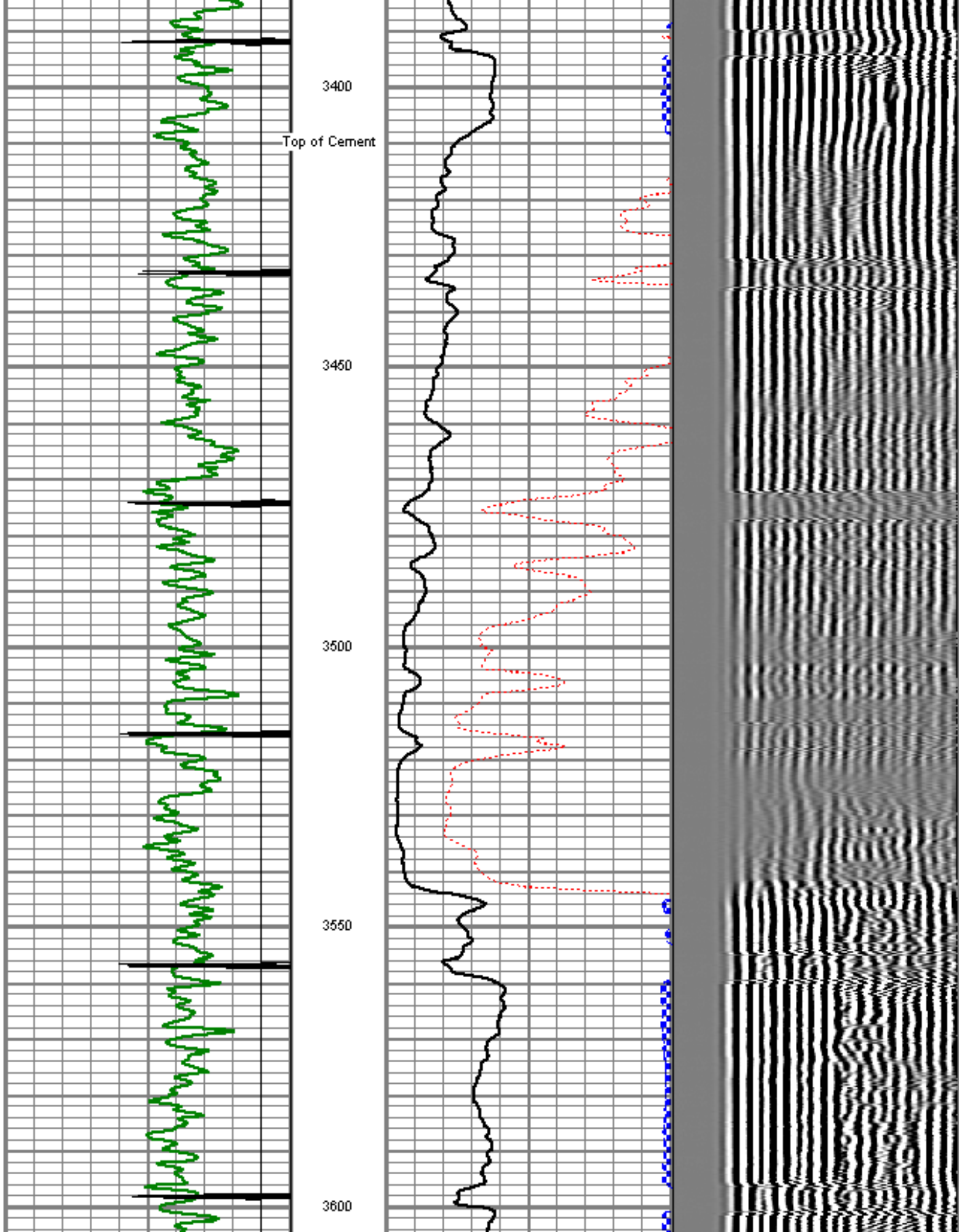
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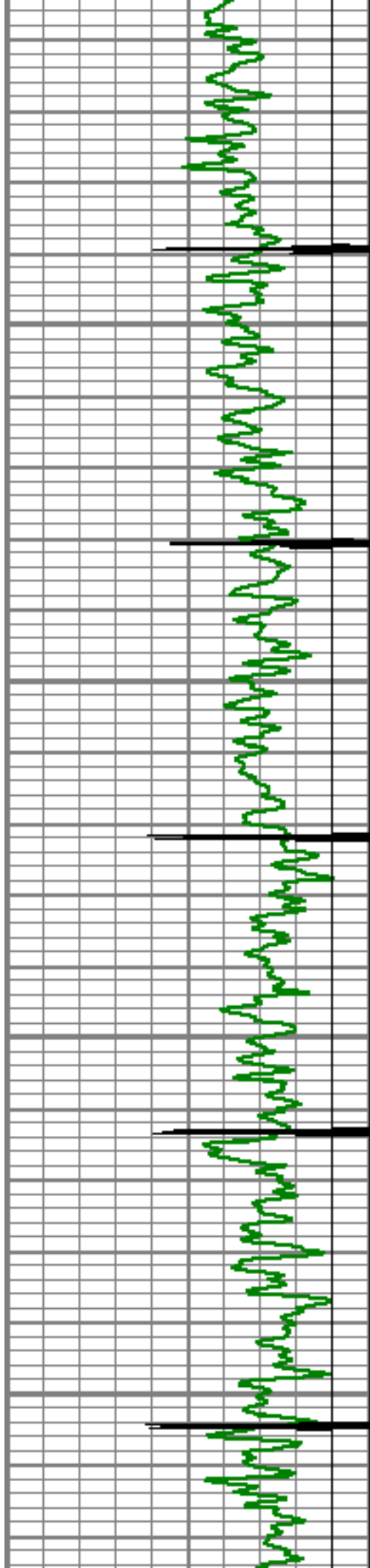
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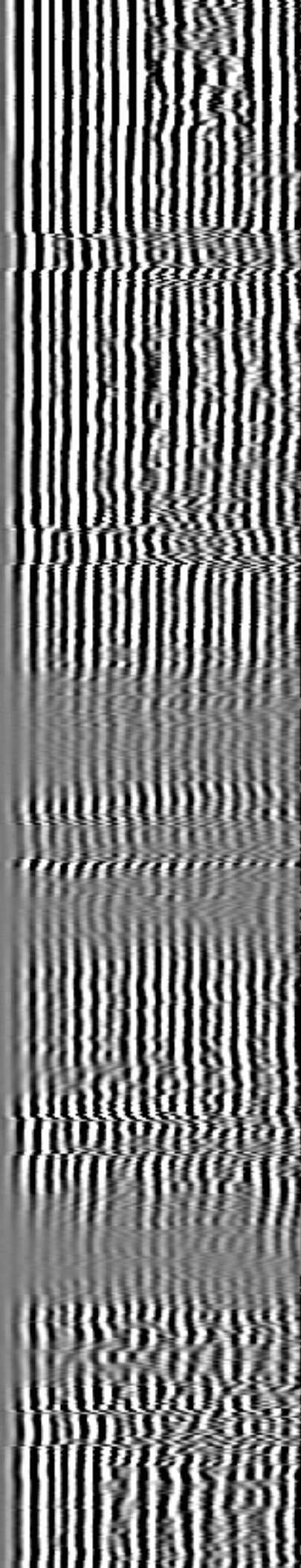
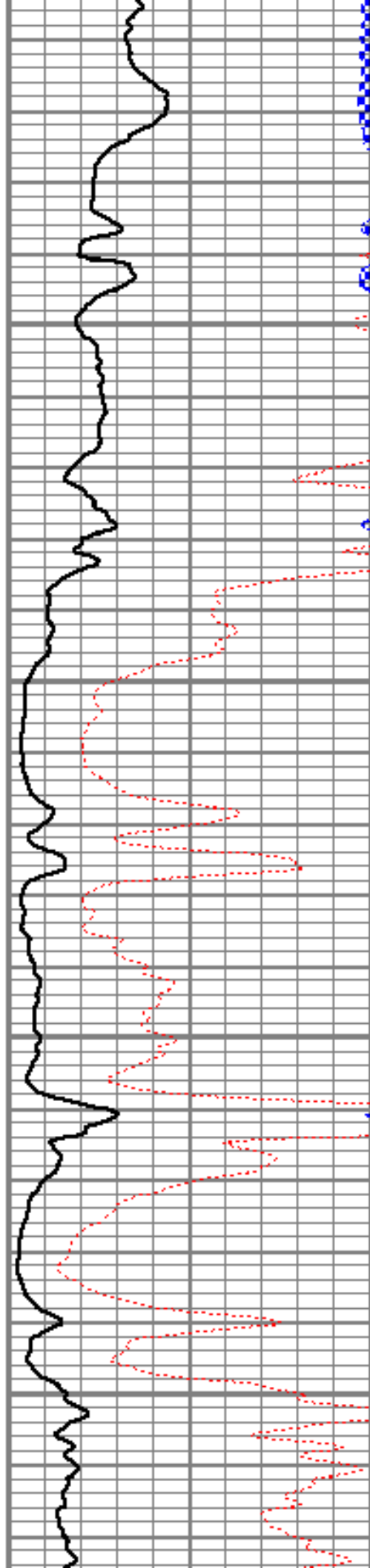


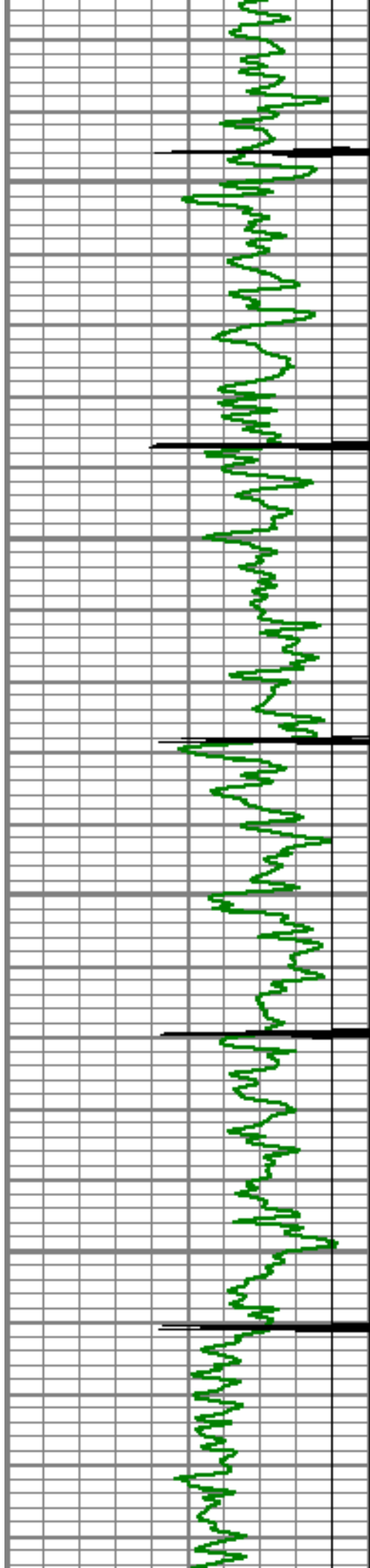
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3750

3800



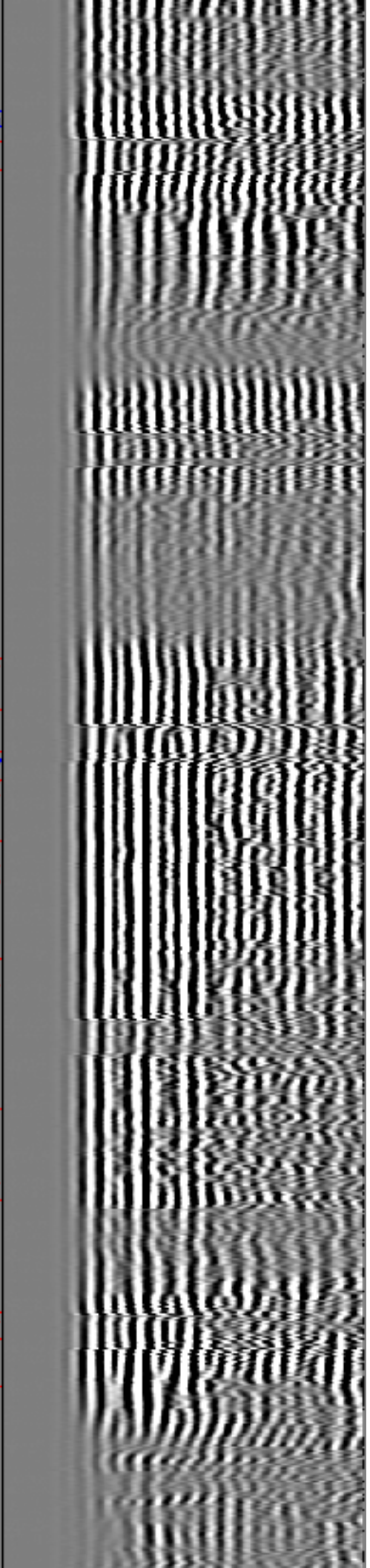
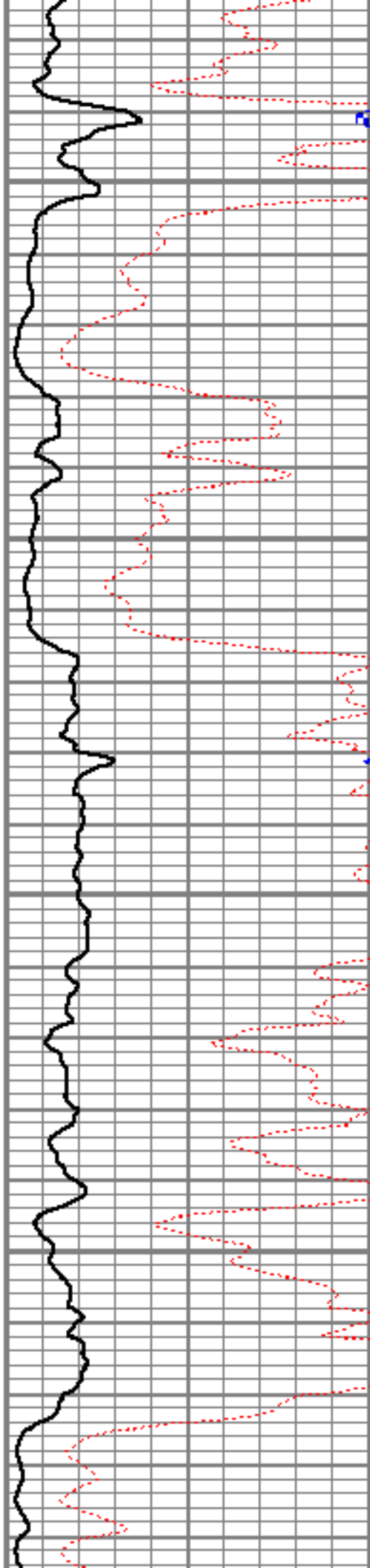


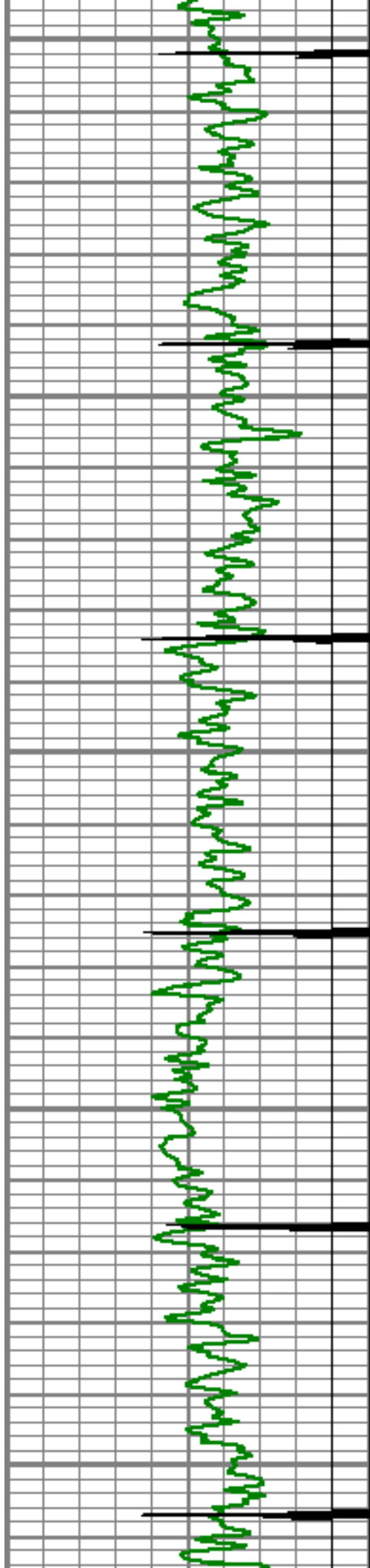
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3900

3950

4000





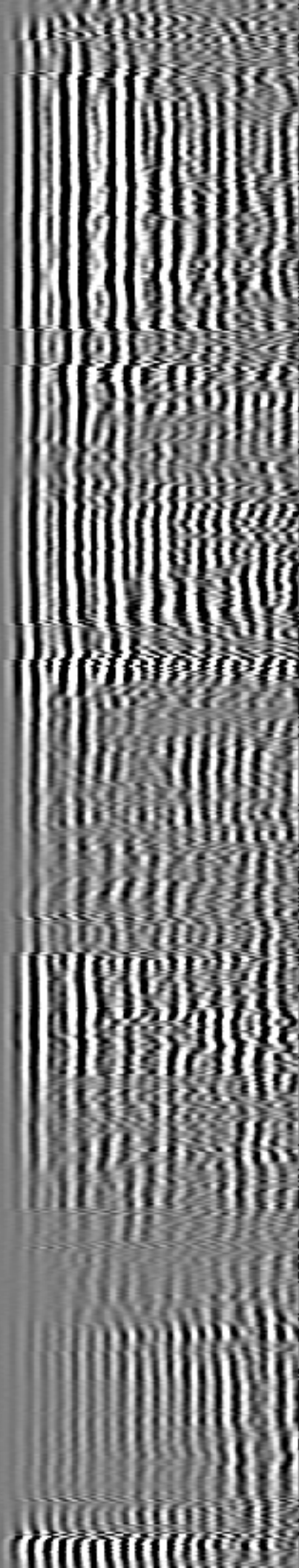
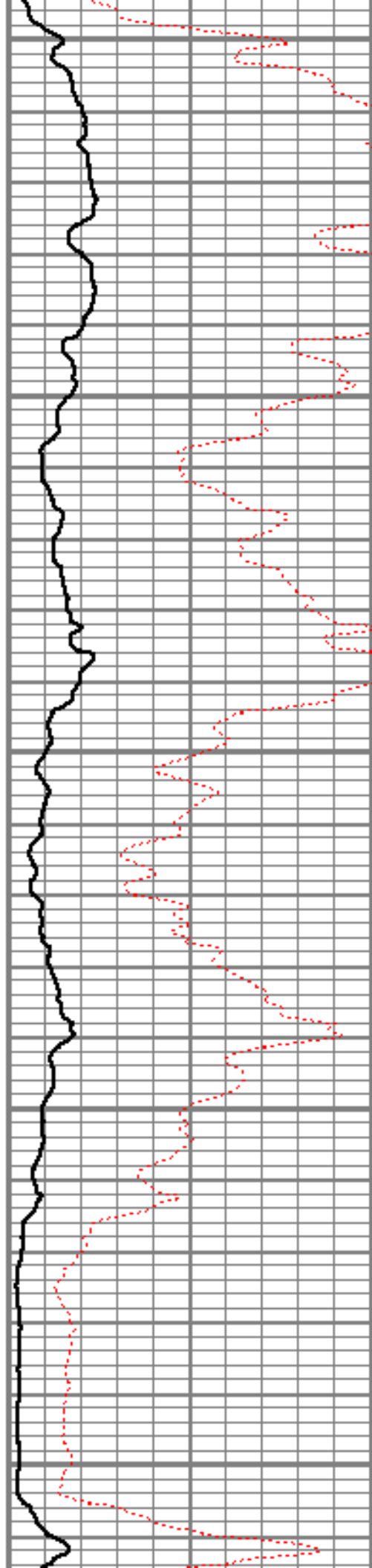
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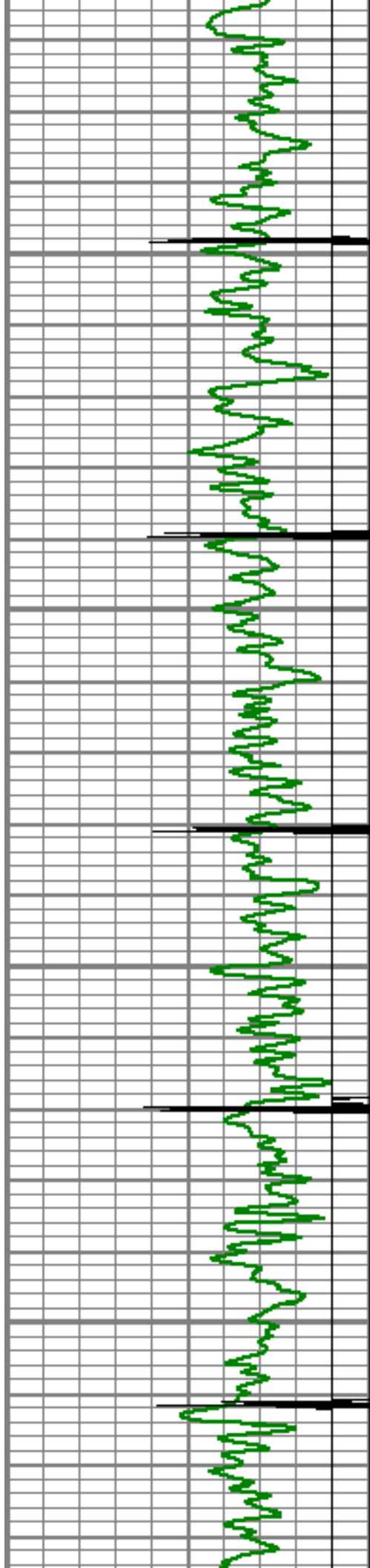
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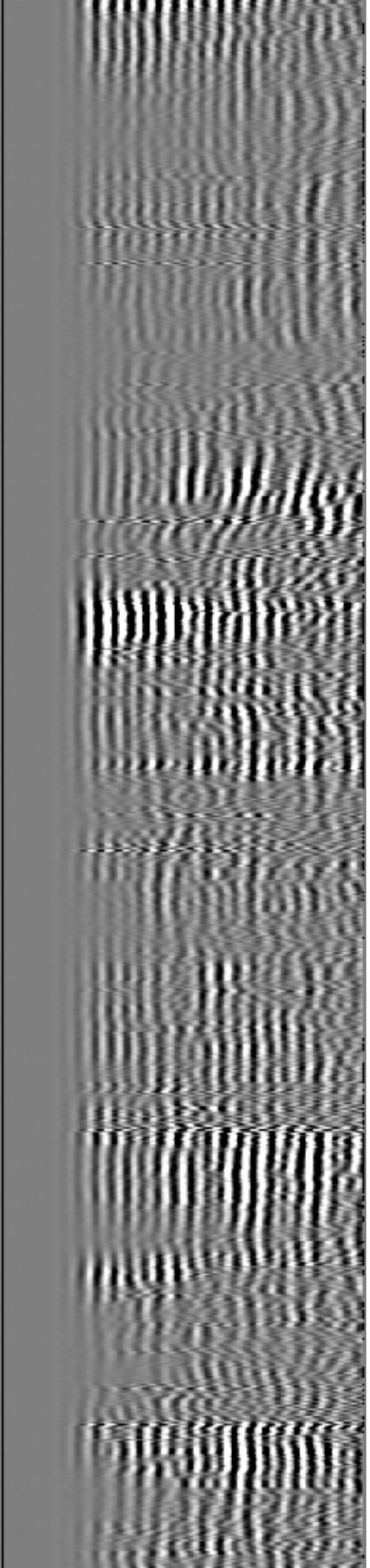
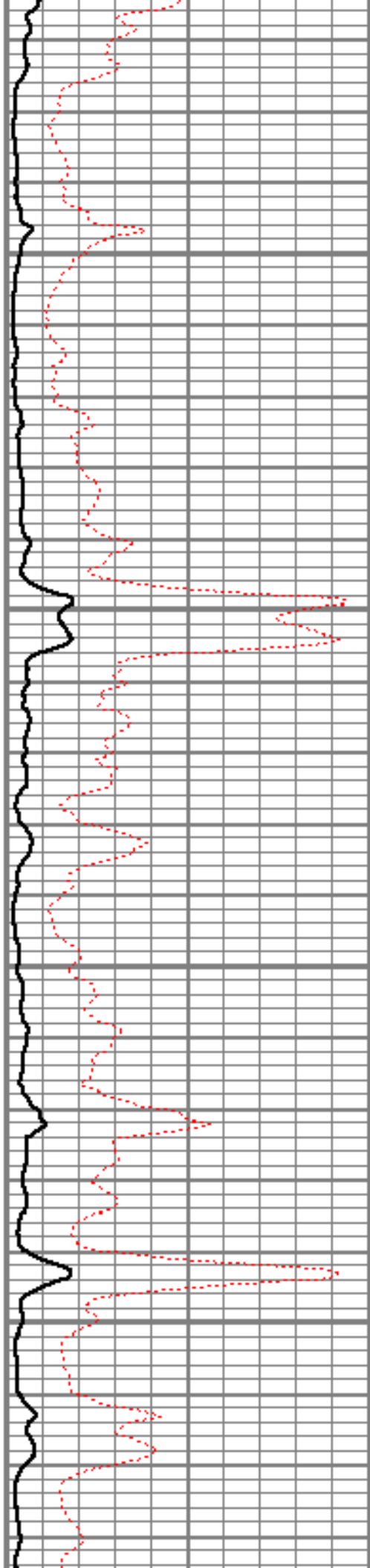


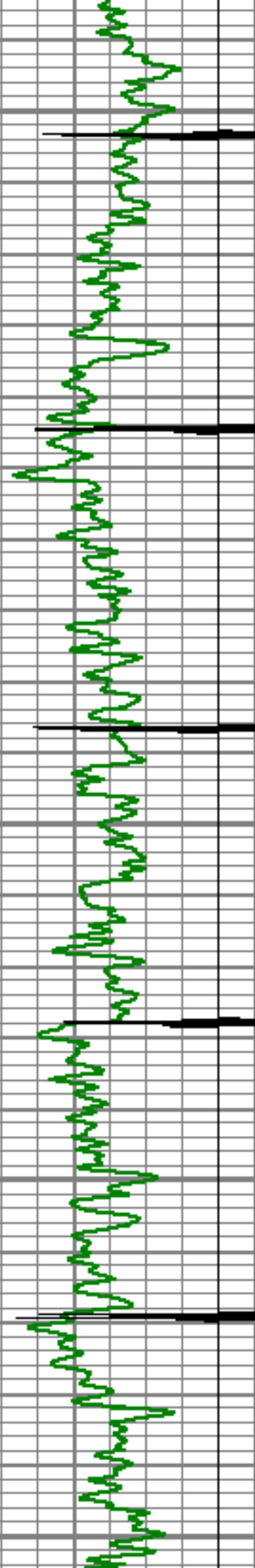
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4400

4450





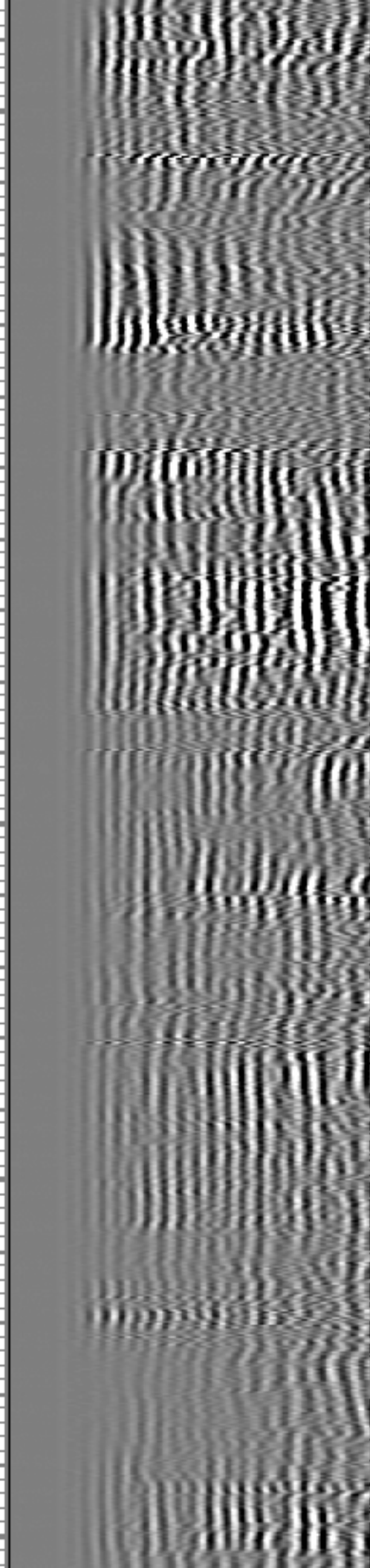
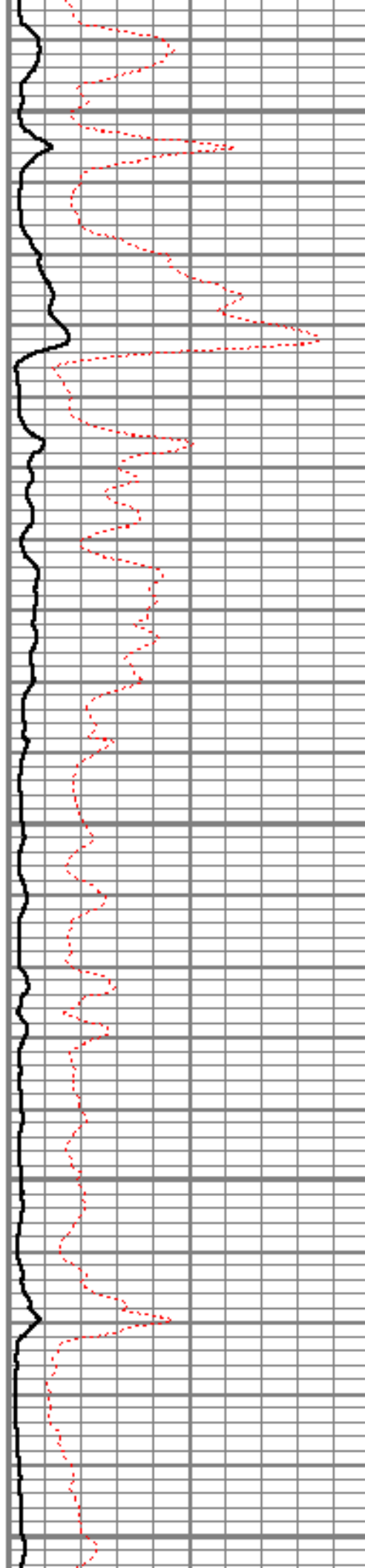
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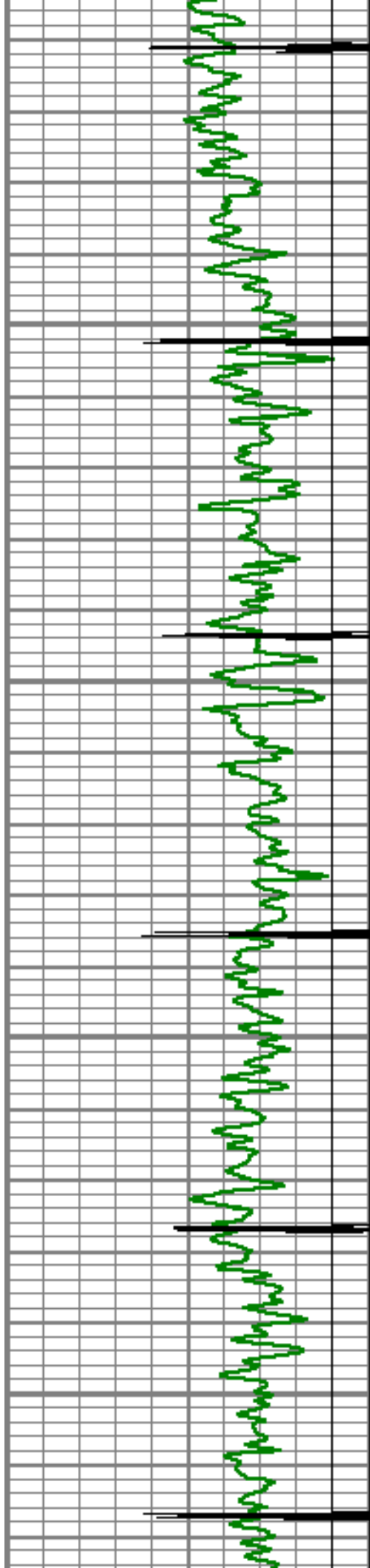
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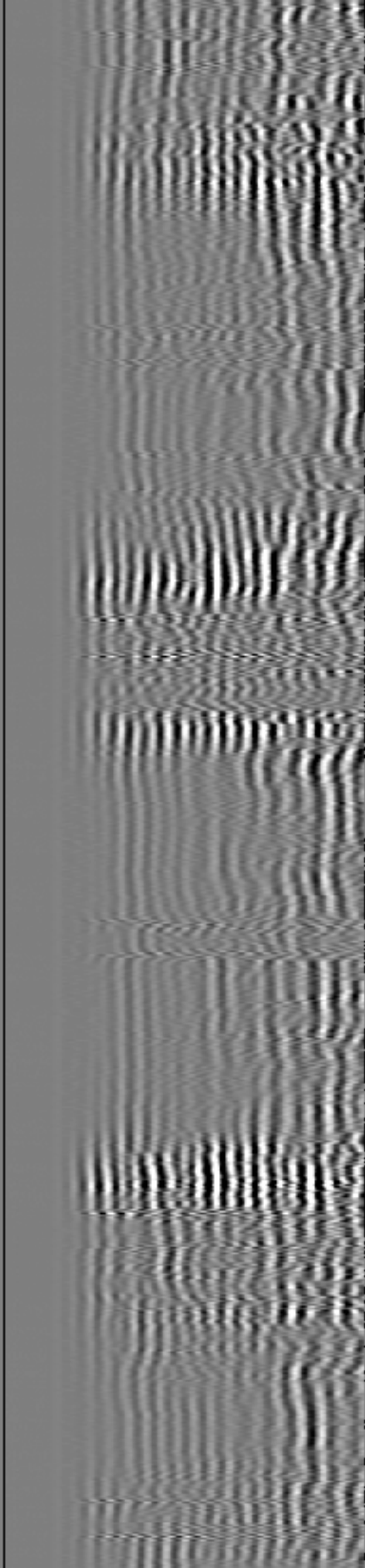
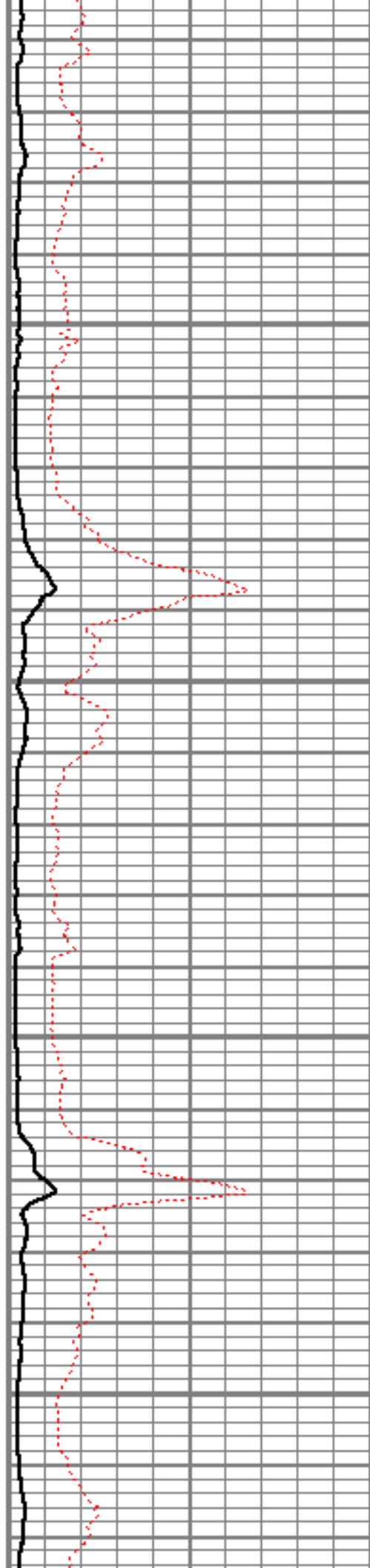


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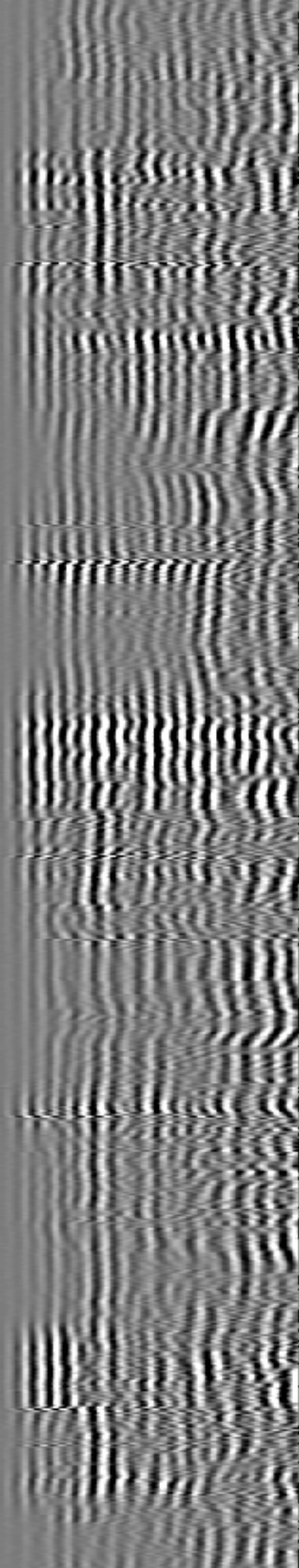
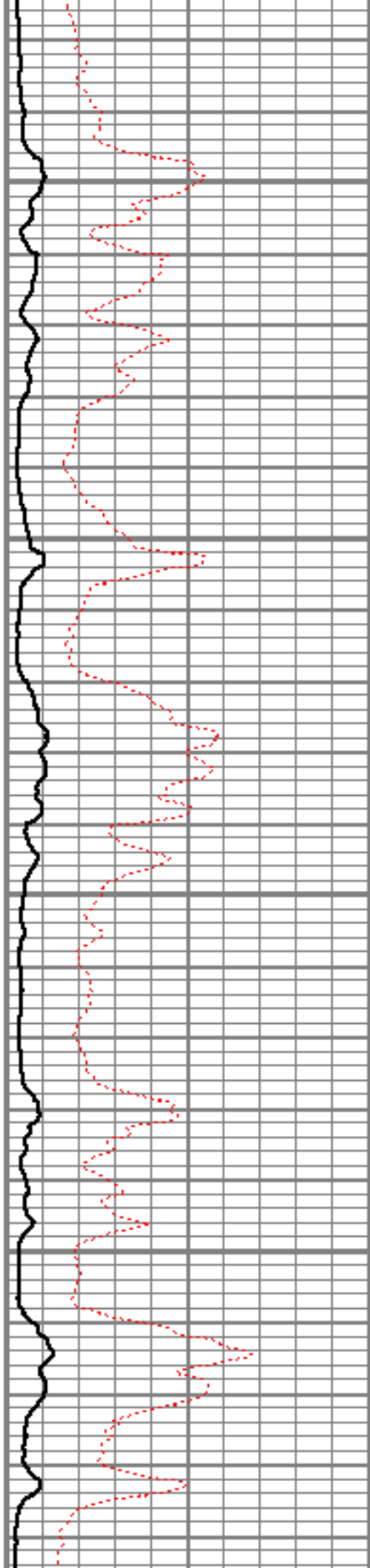


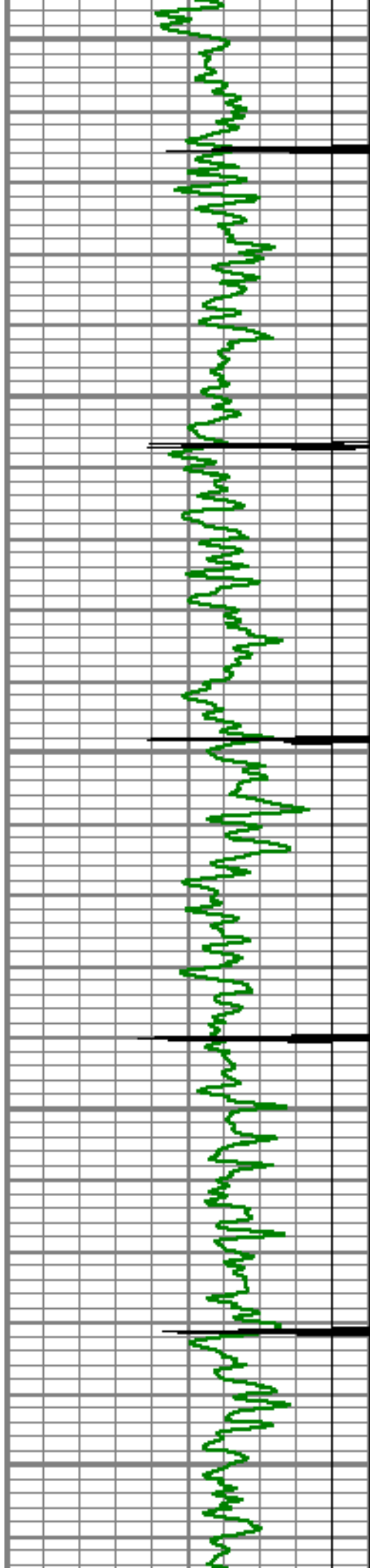
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5000

5050

5100





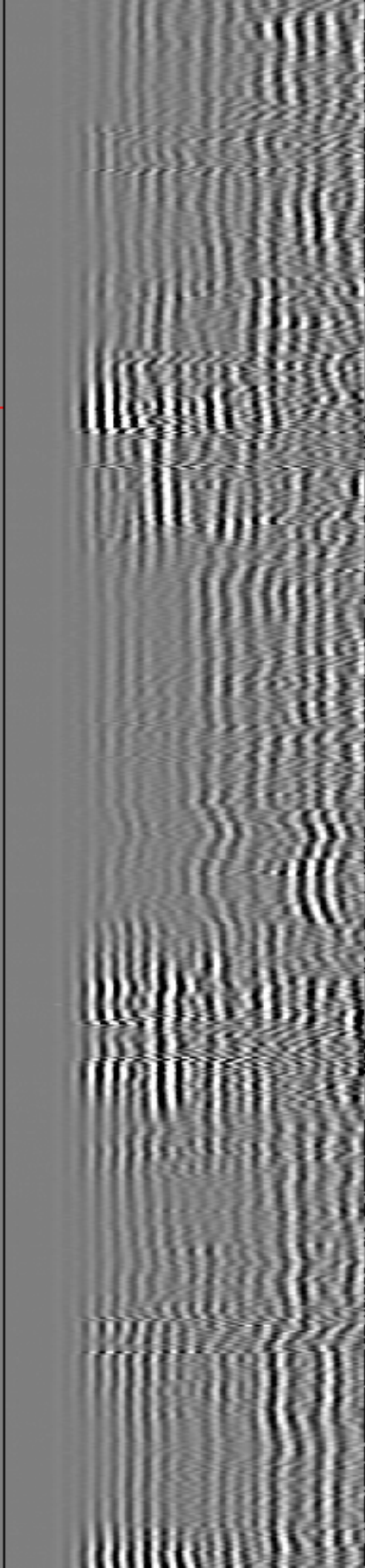
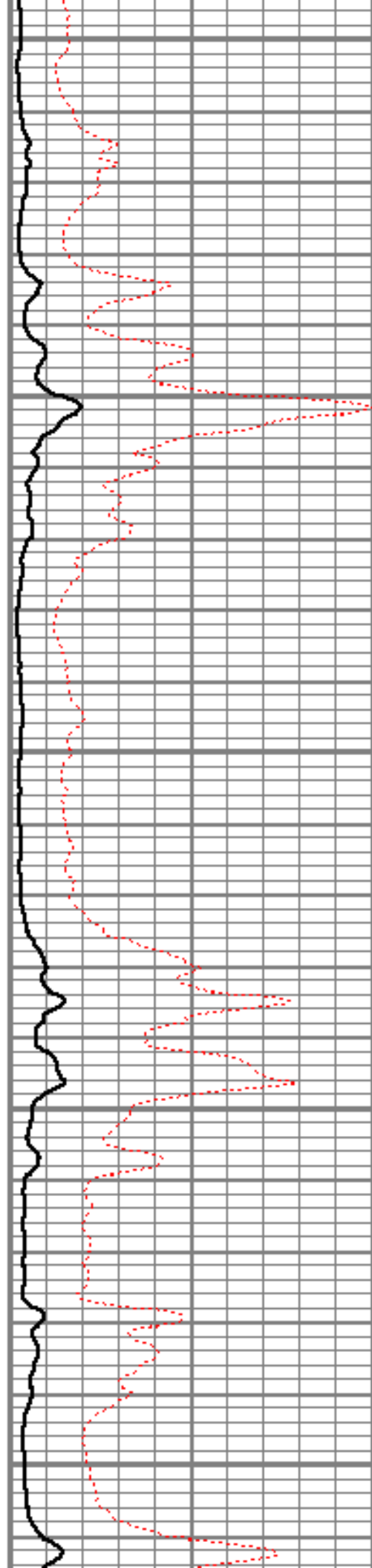
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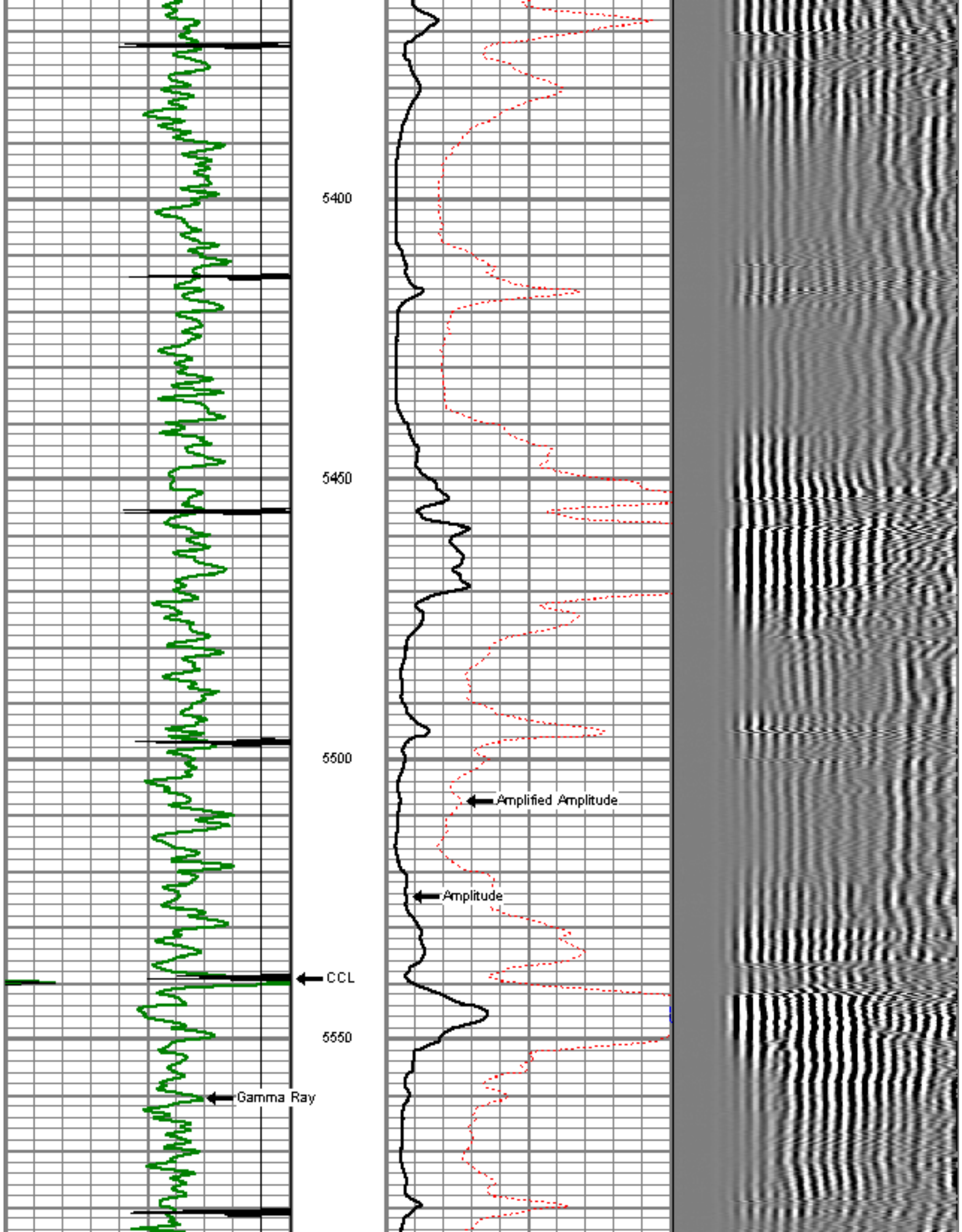
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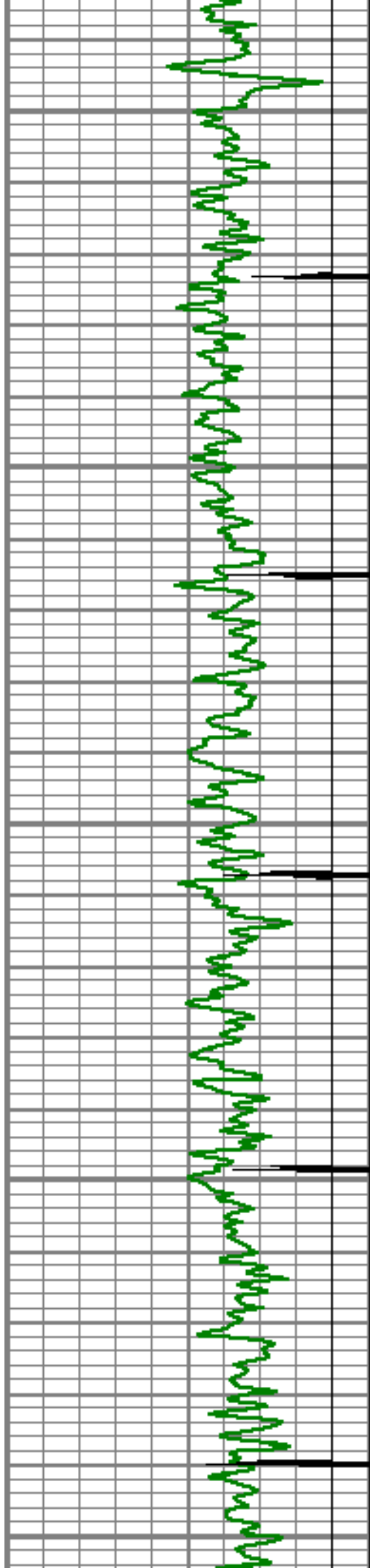
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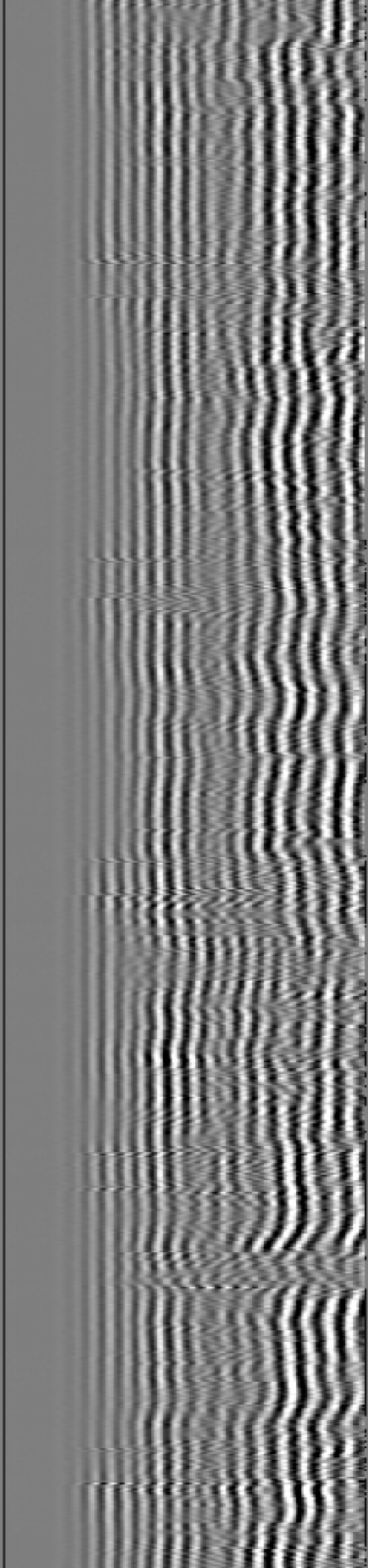
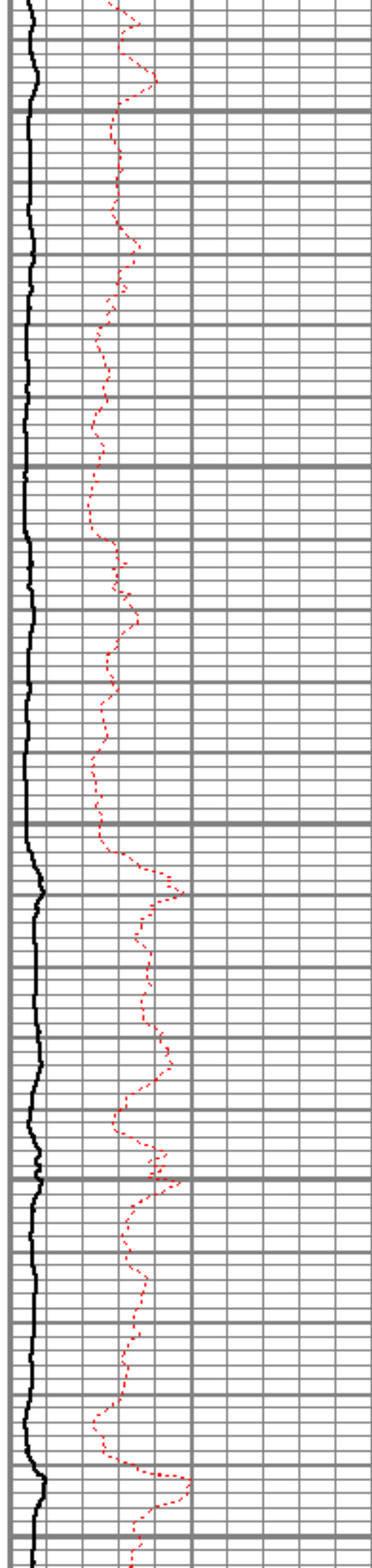
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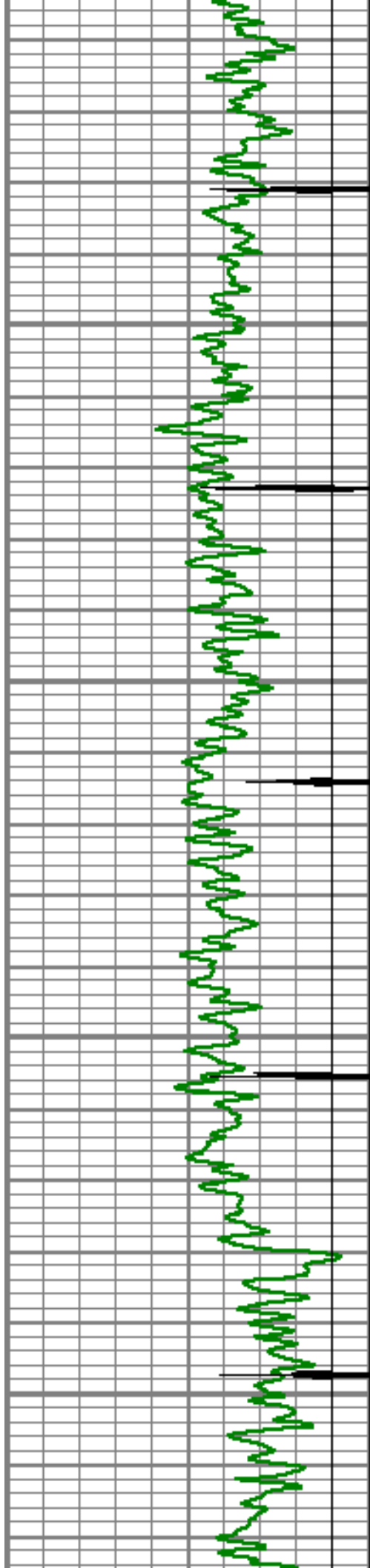
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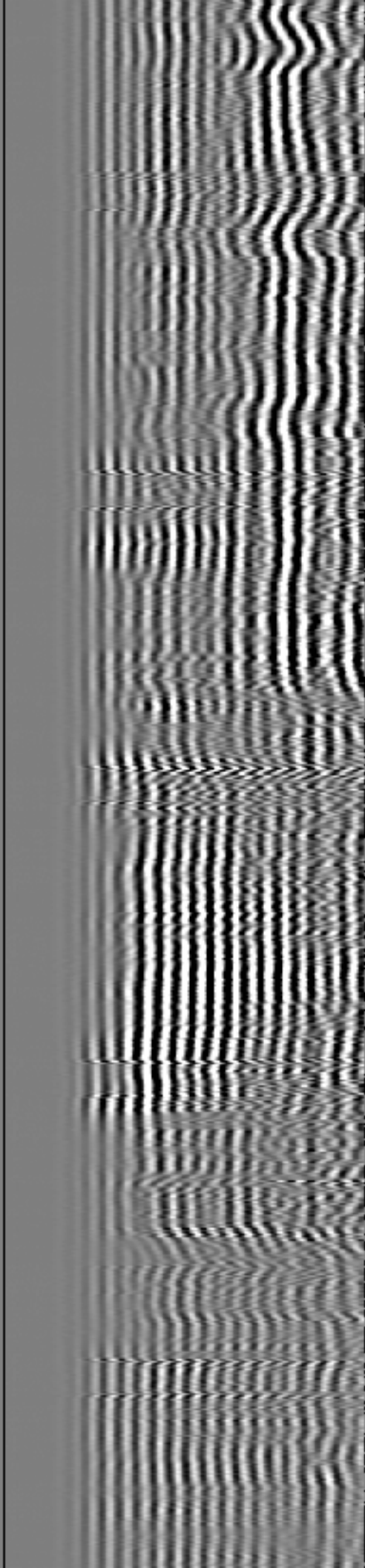
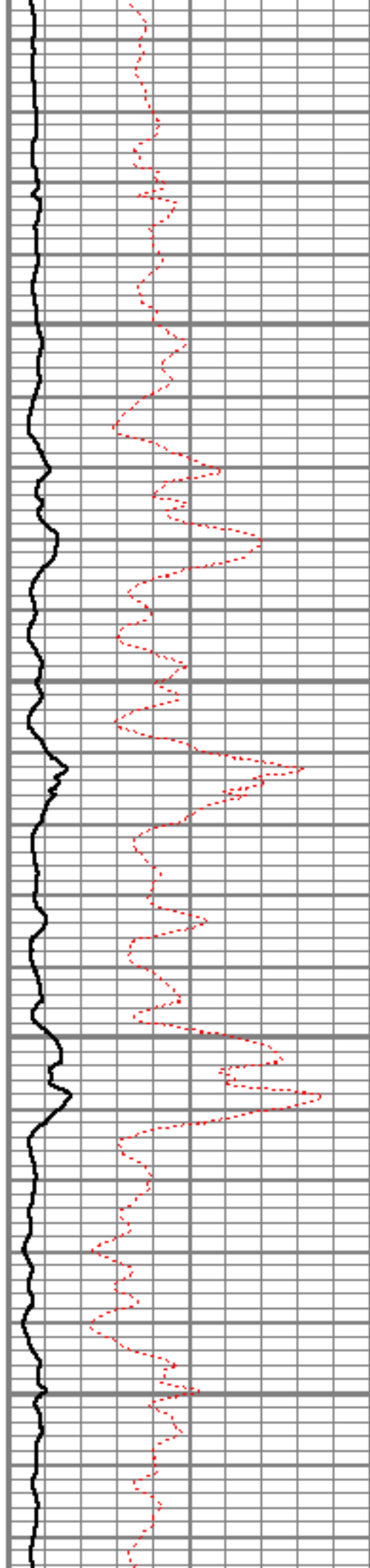


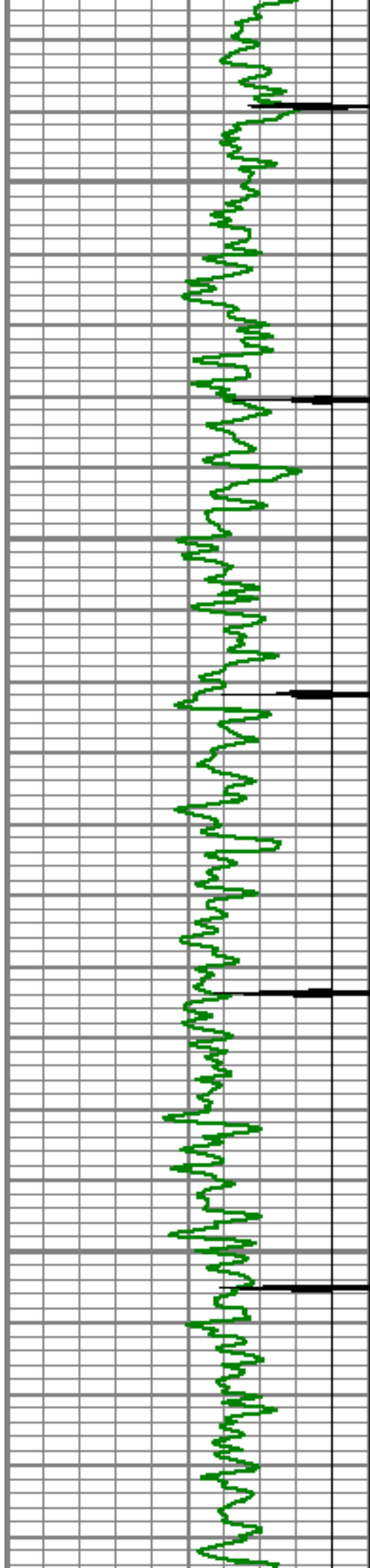
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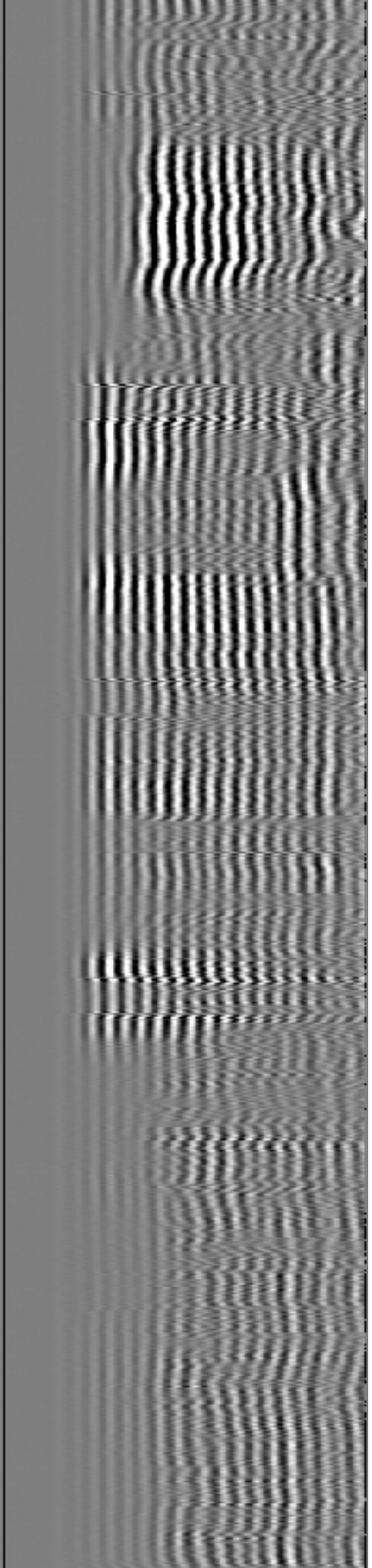
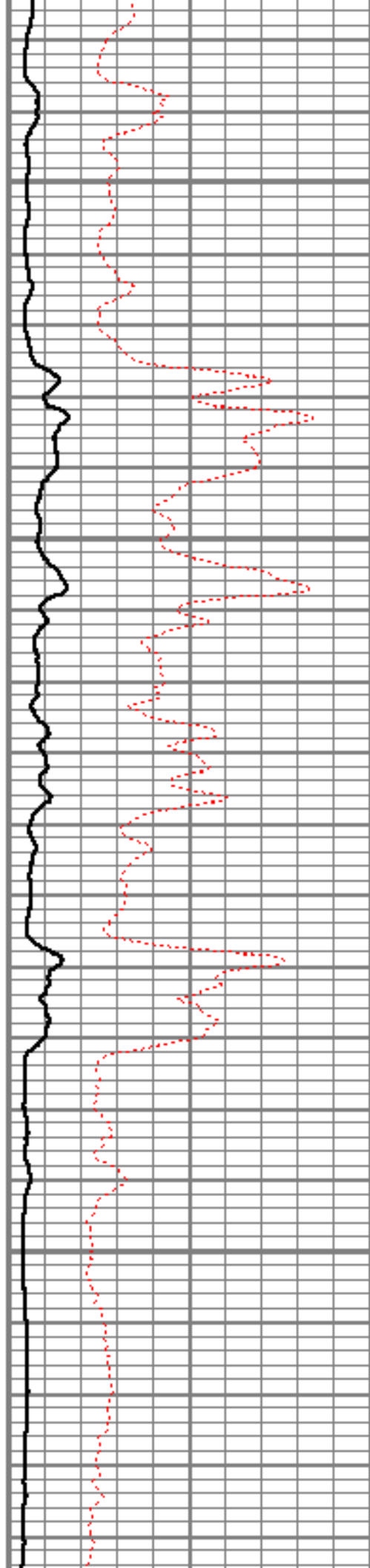


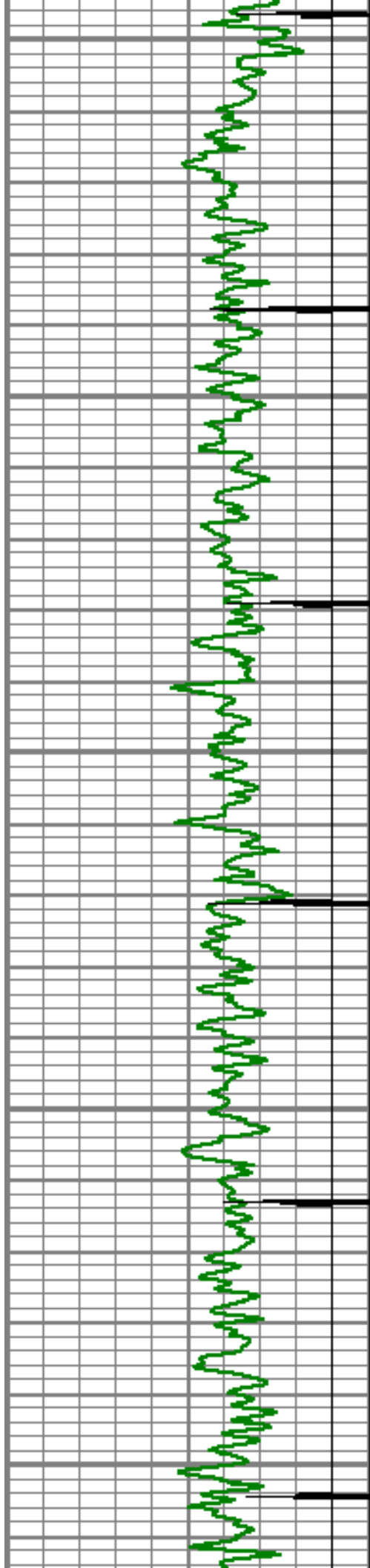
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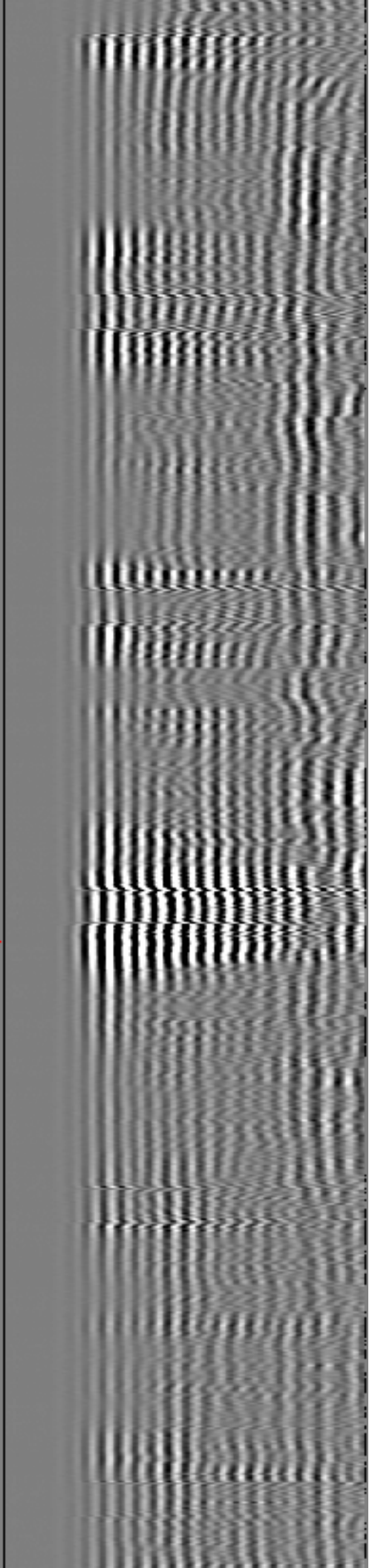
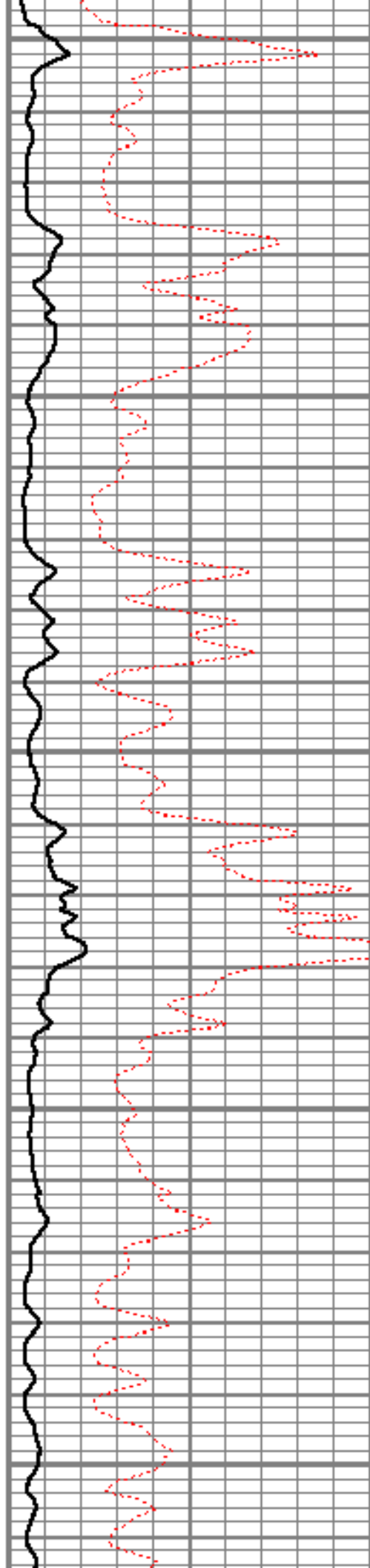
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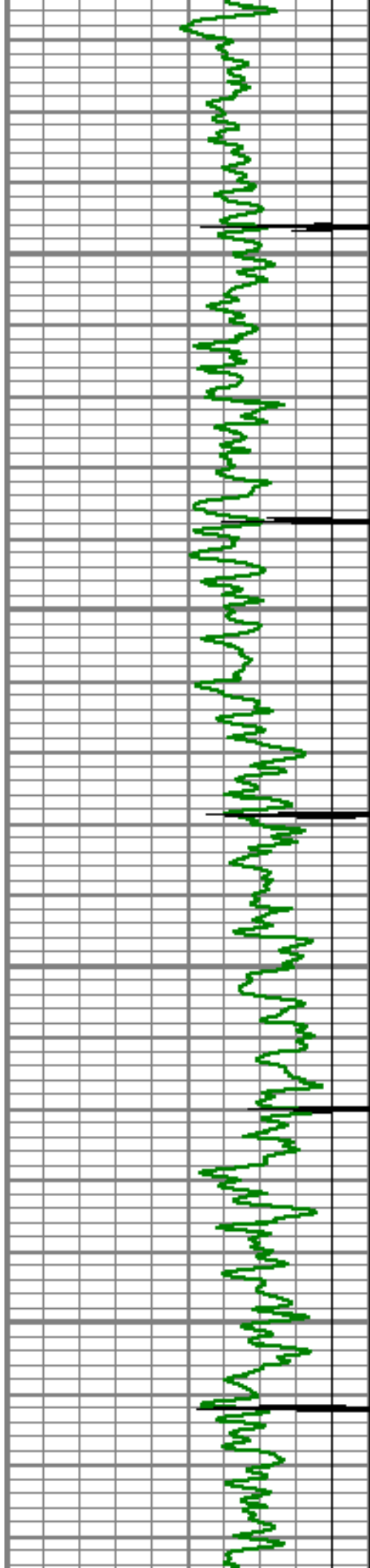
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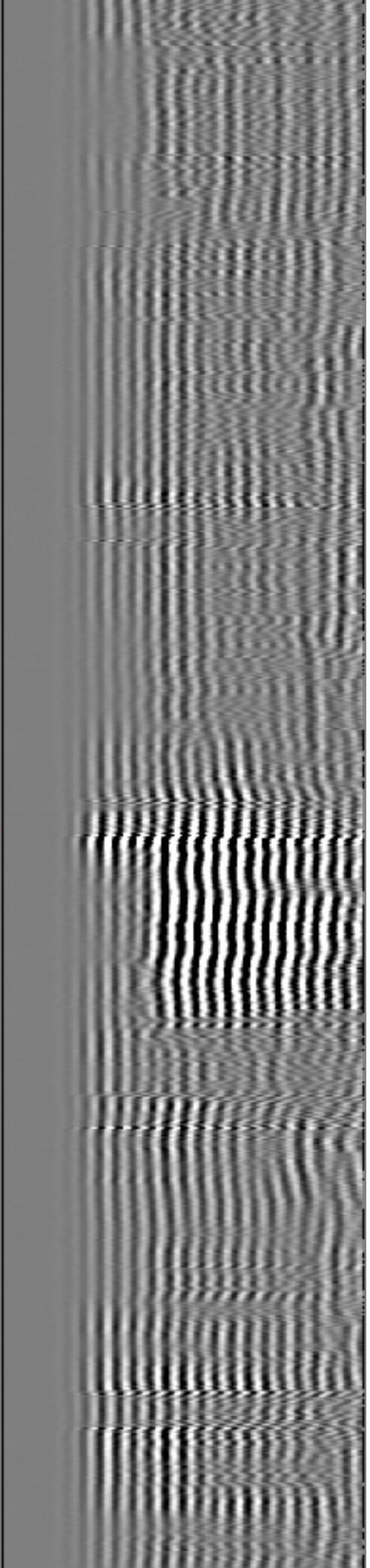
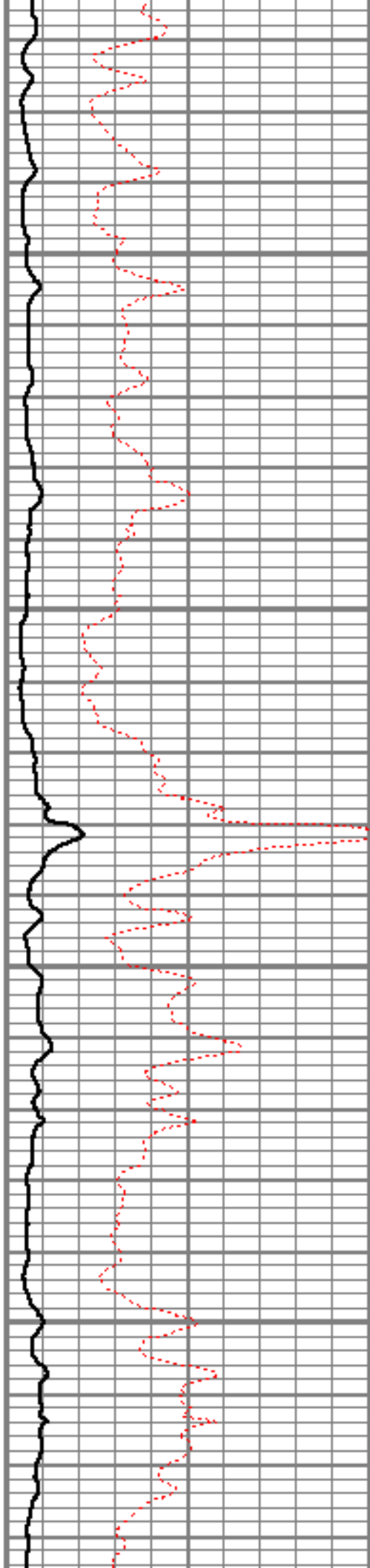


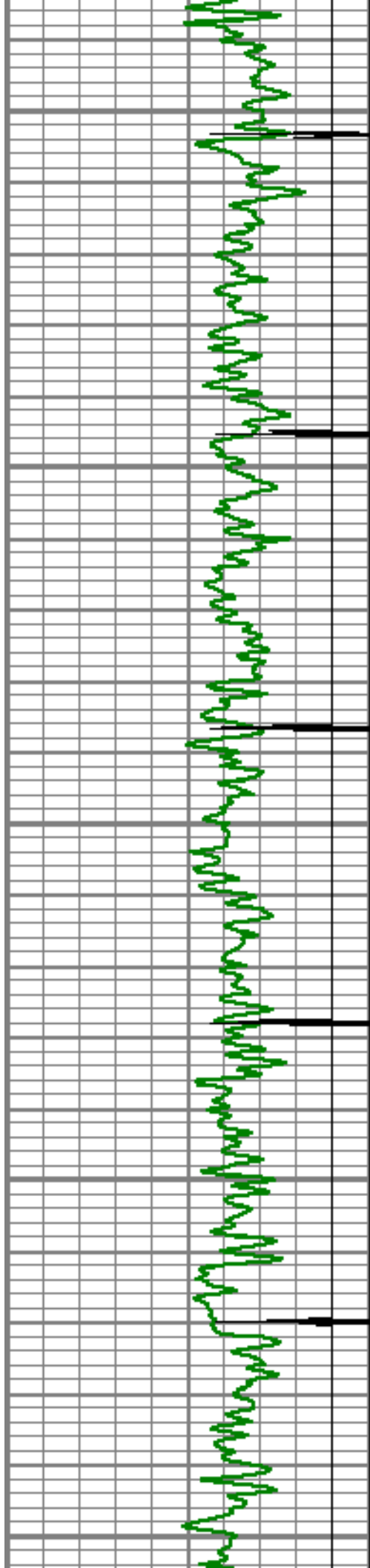
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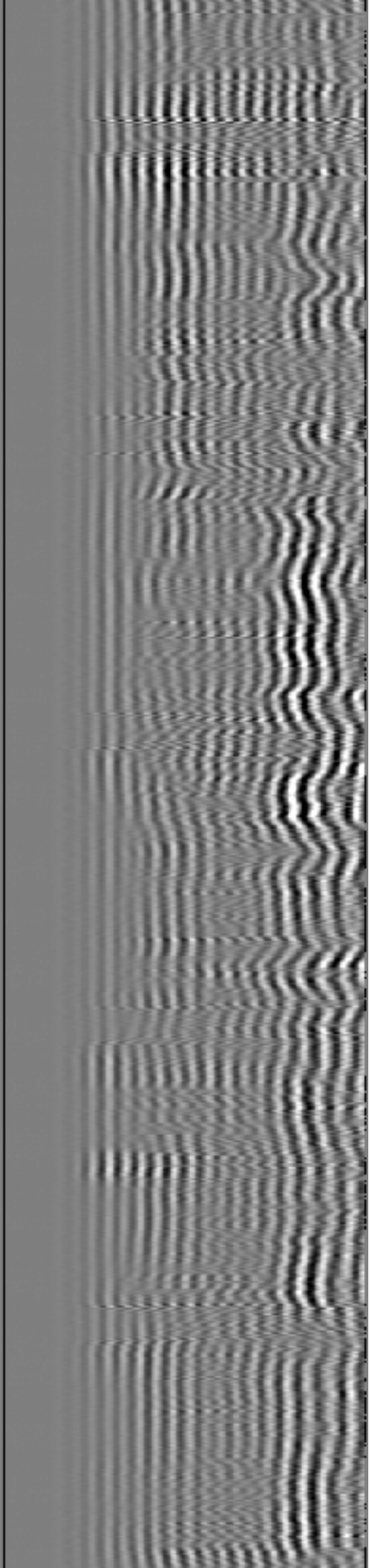
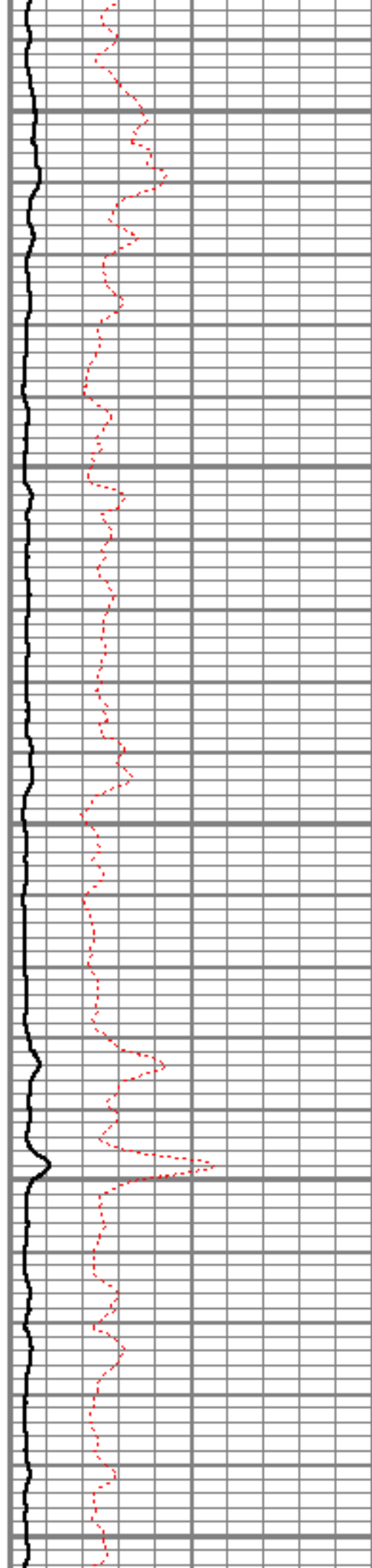
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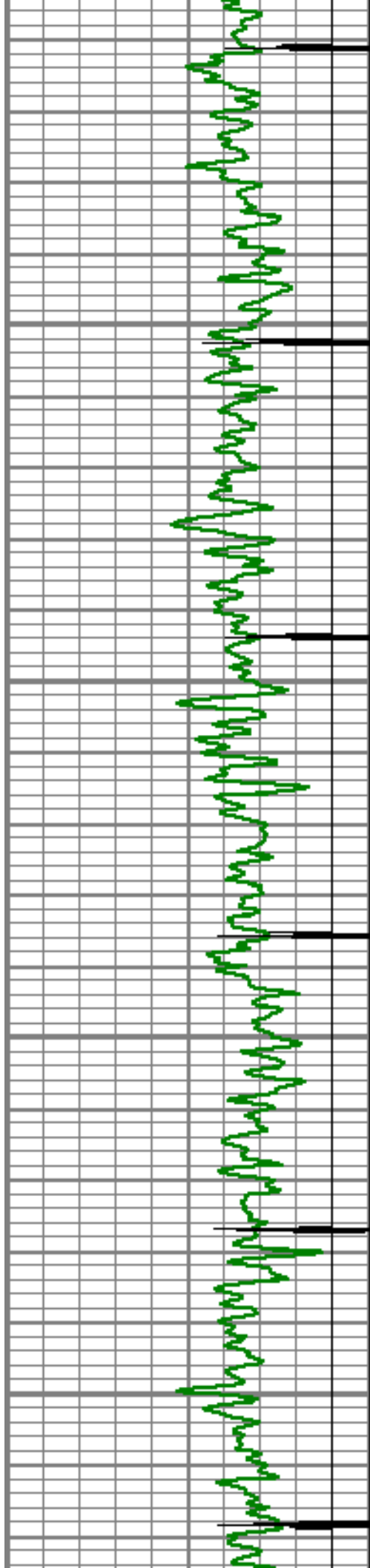
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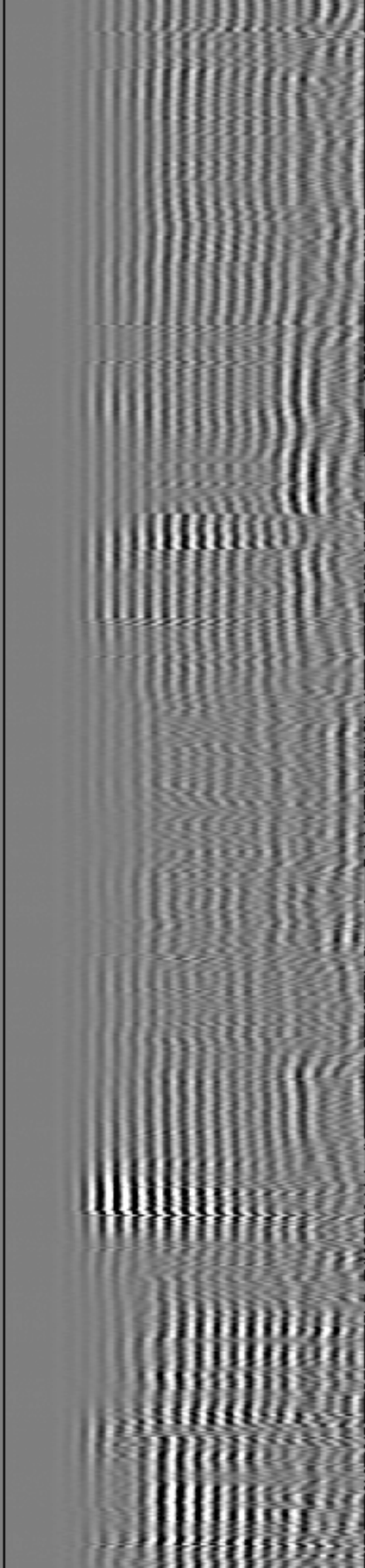
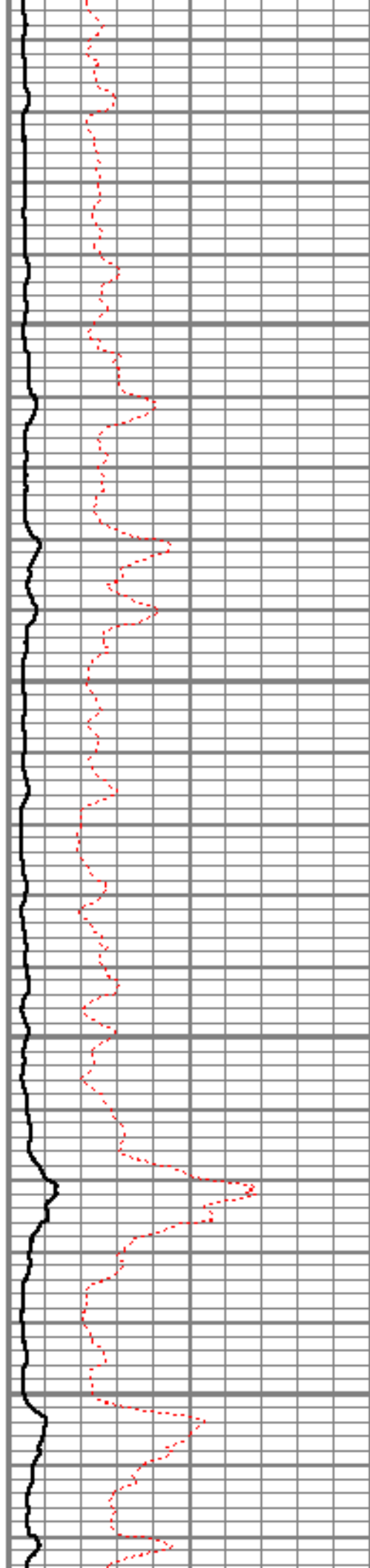


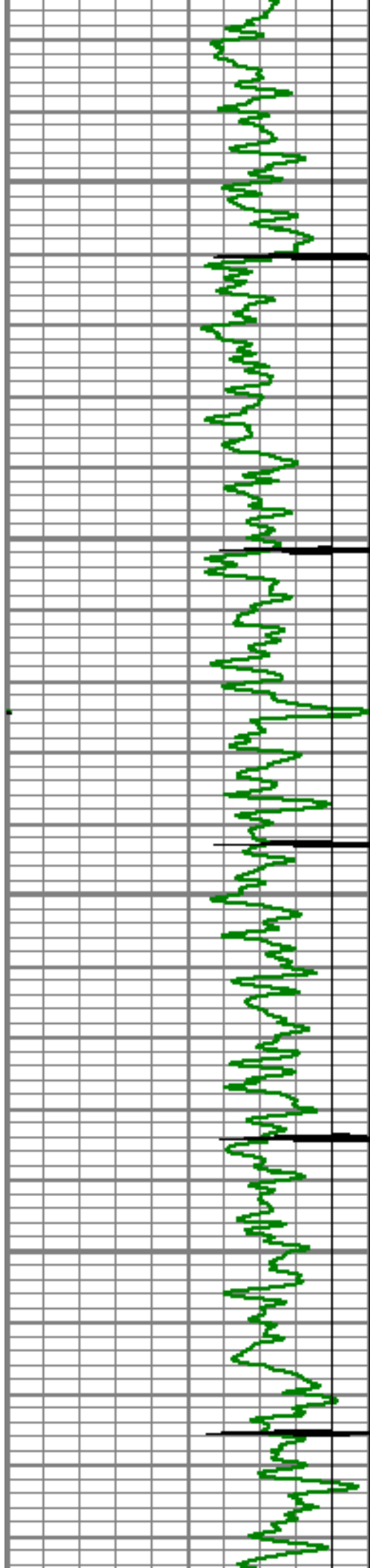
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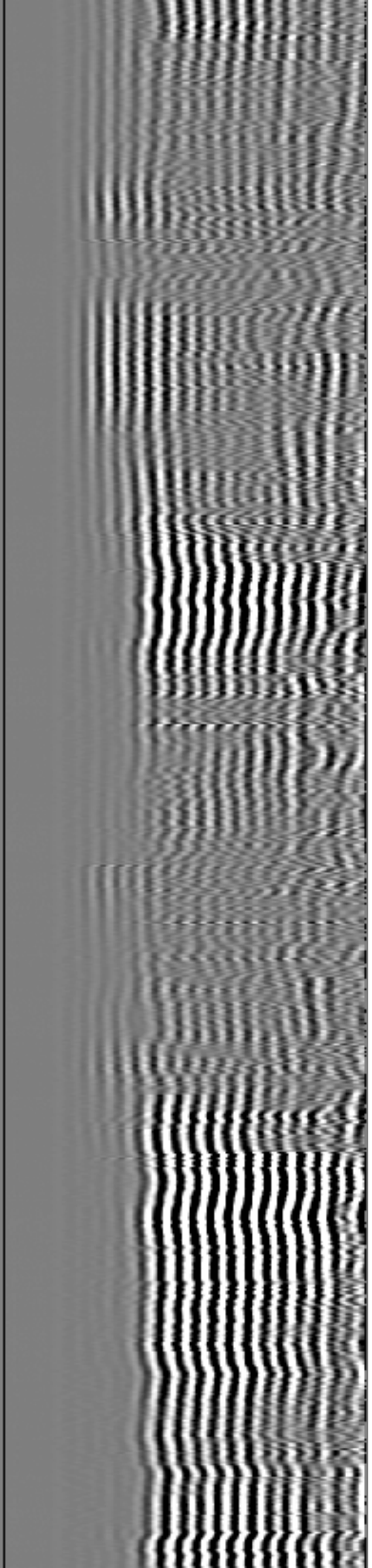
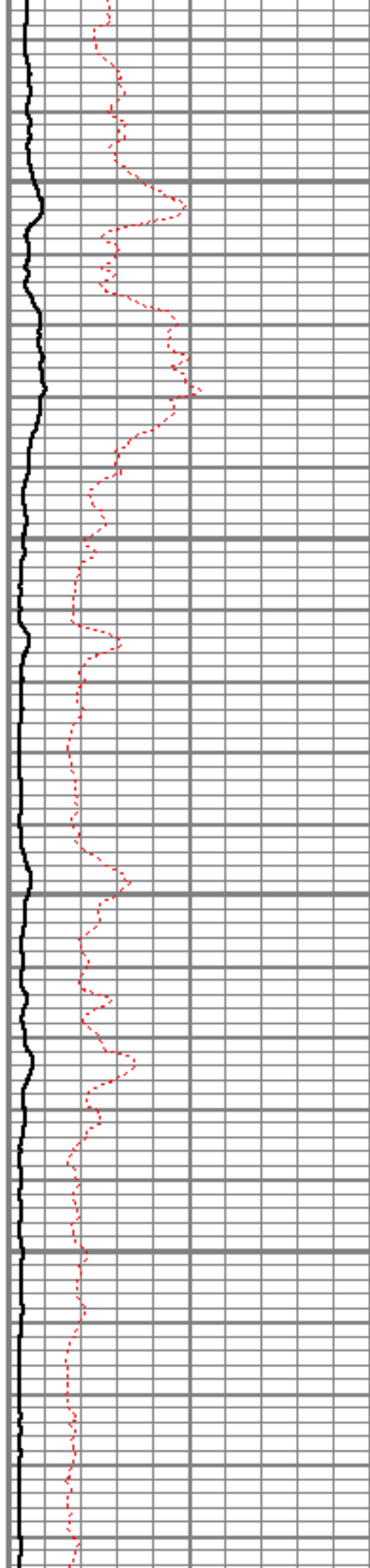


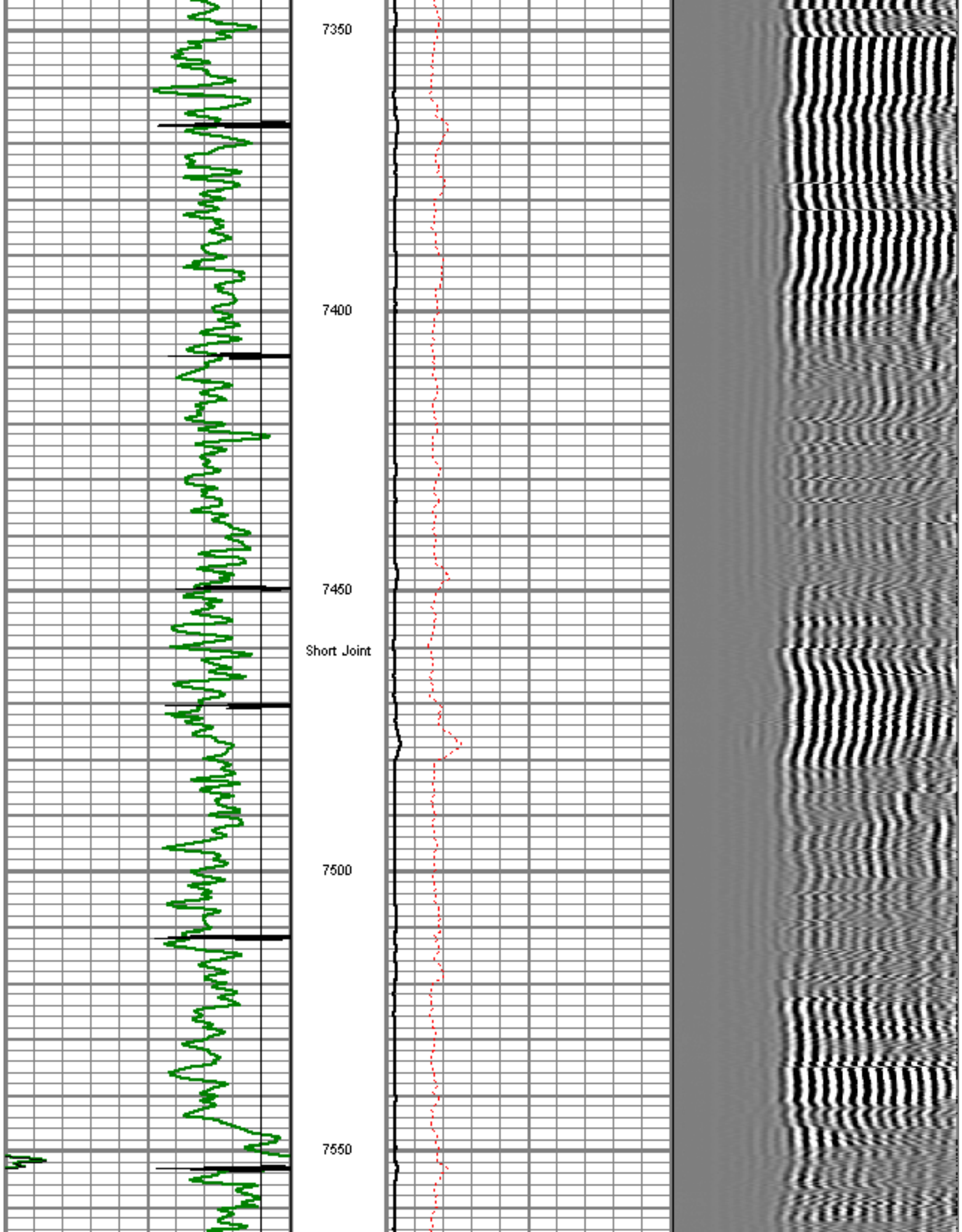
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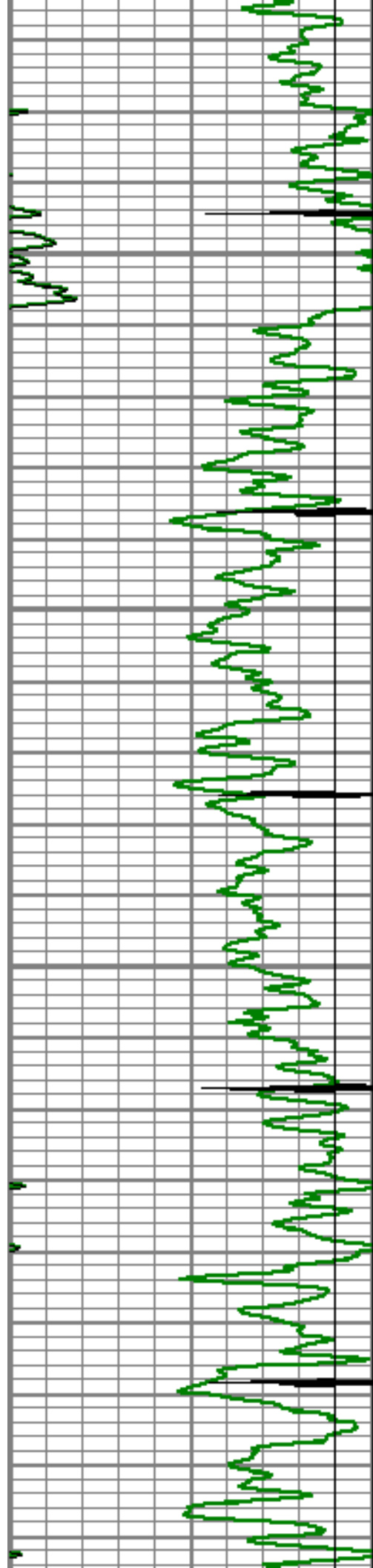
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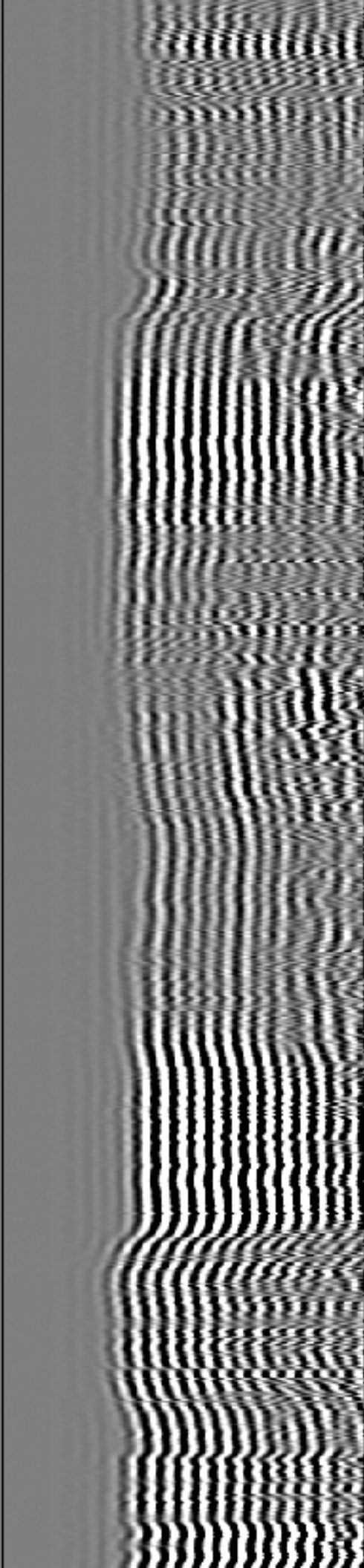
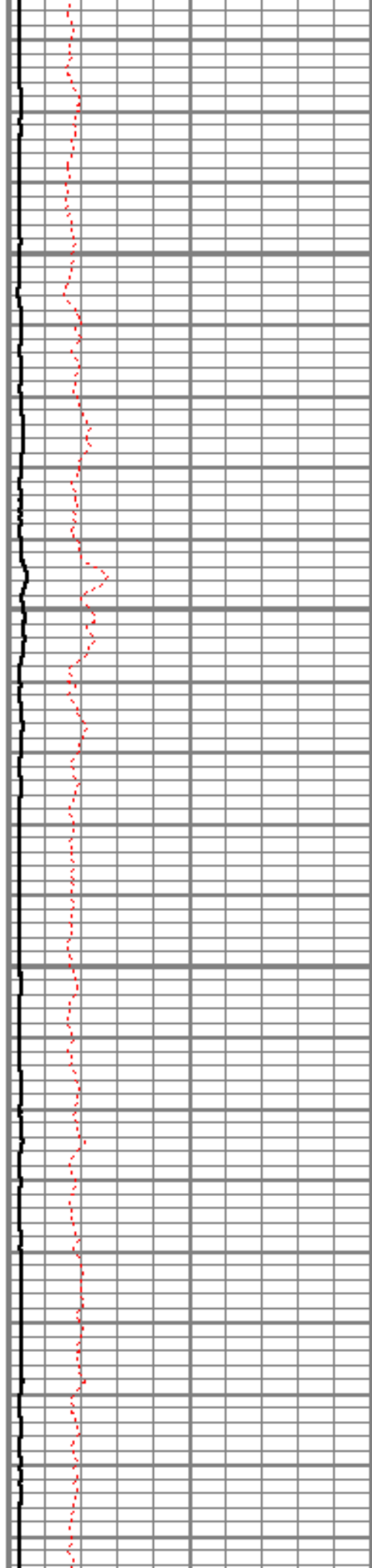


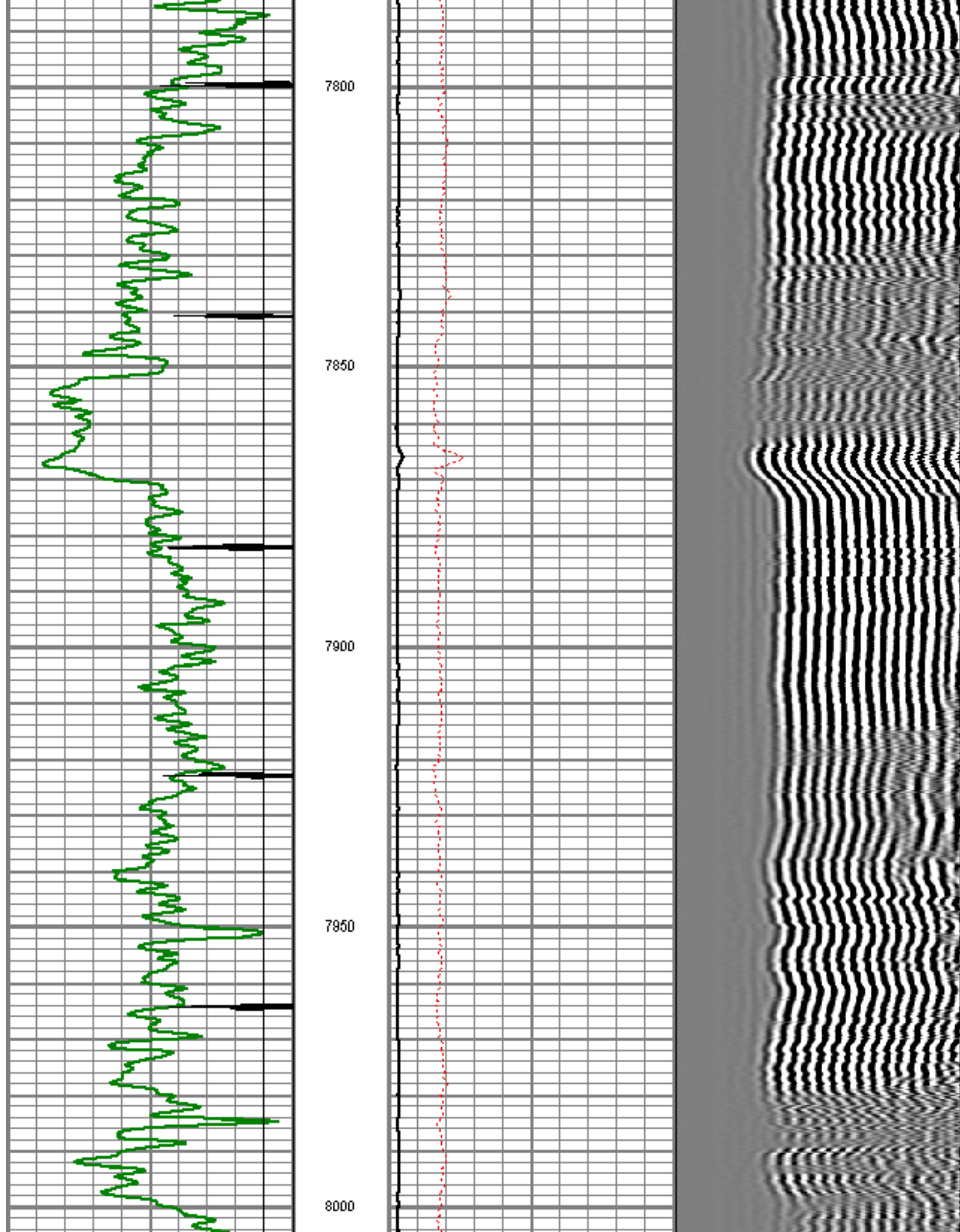
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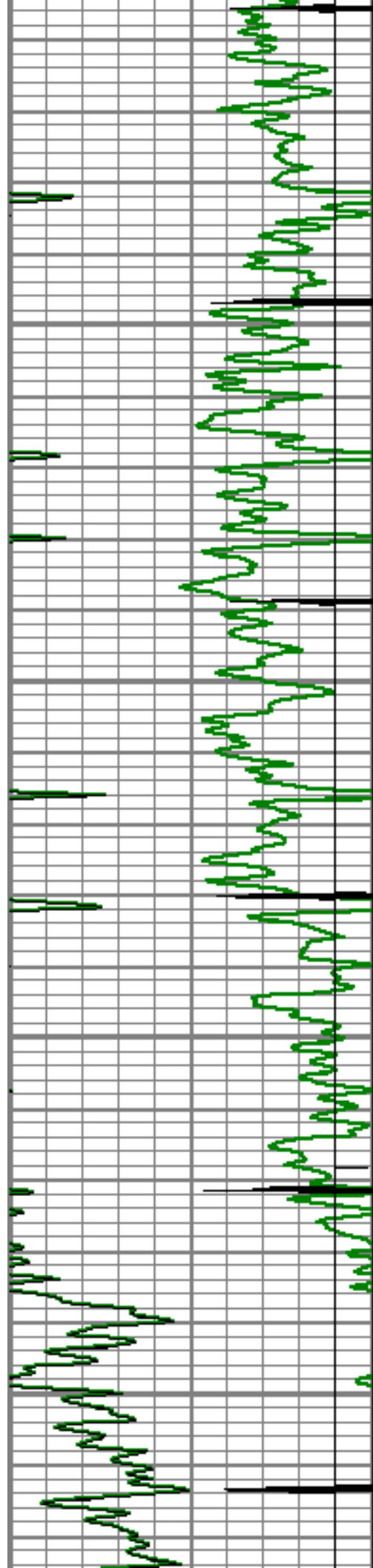
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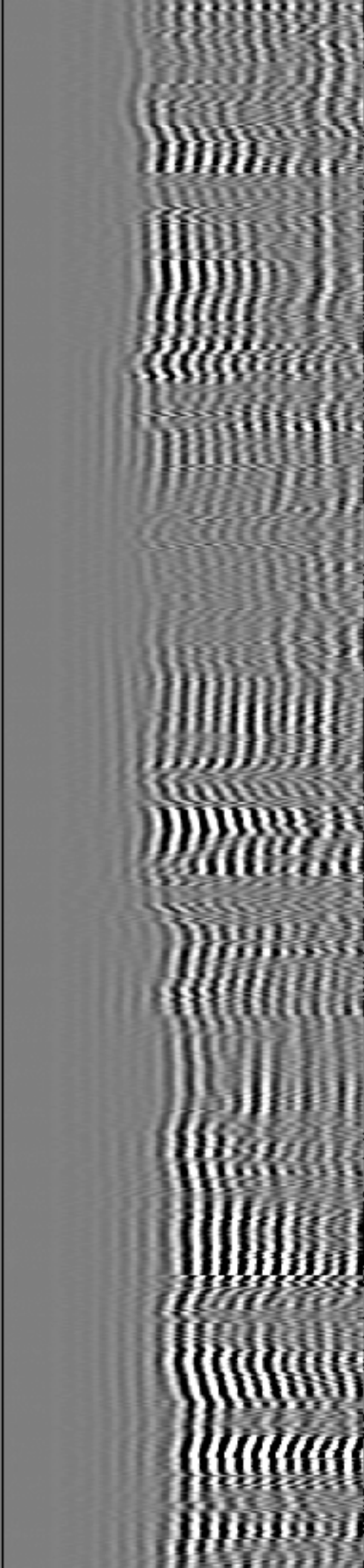
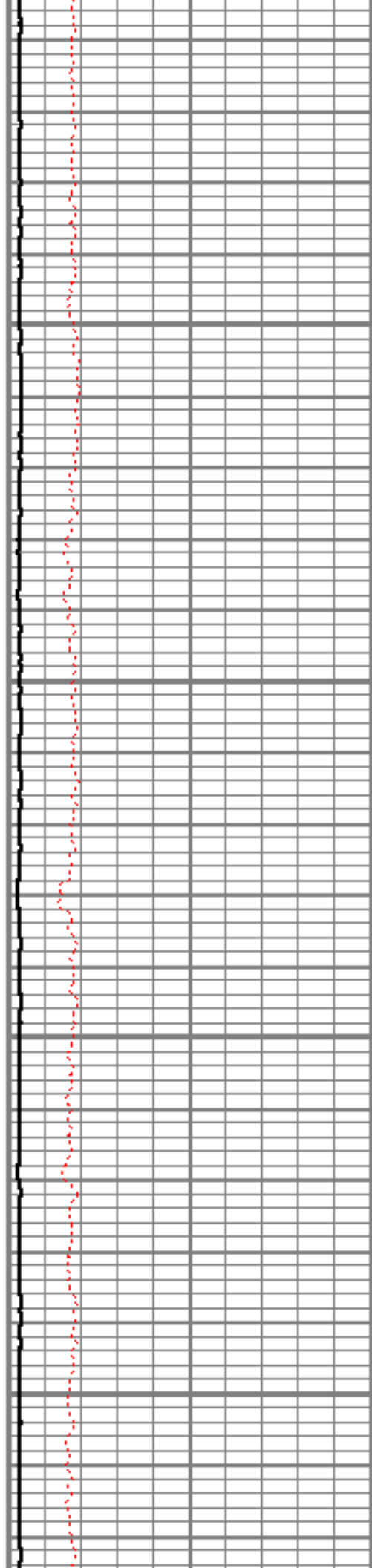


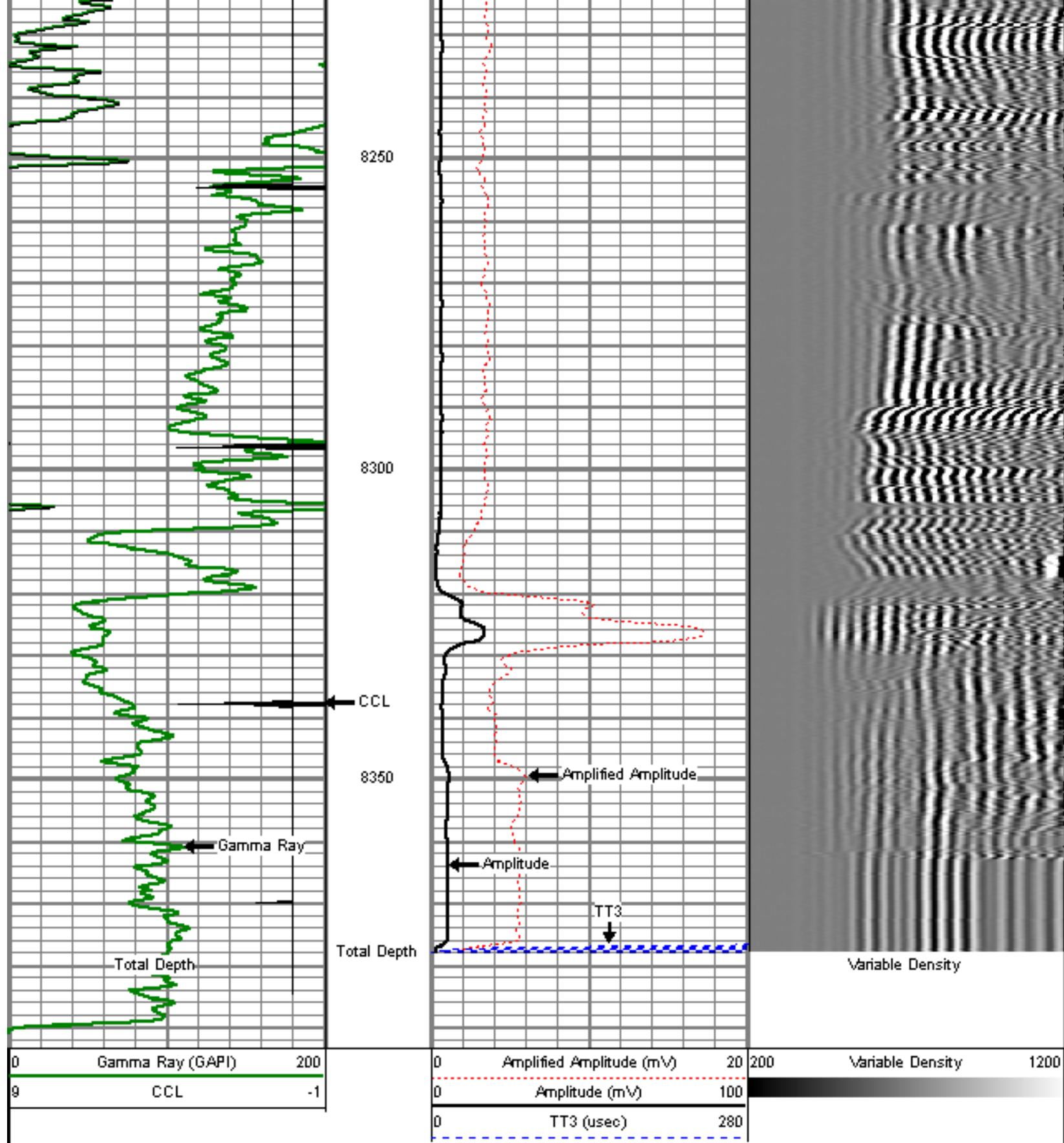
8050

8100

8150

8200





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan Titan Cable Head Go Pk.	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00

WVF3	16.56		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.7711) Probe 2.75" Dual Receiver Bond	2.75	60.00
WVF5	15.56				
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	10.00
CCL	8.21		CCL-PRB_CCL_2MAG (PRB_CCL_2MAG_02.02) Probe 2 MagnetCCL	2.75	
GR	3.63		GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool	4.54	30.00
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_012.88) Positive pulse Temp tool	1.38	15.00
Dataset: rasmussen 0-4-19.db: field/well/run1/pass6 Total Length: 24.98 ft Total Weight: 126.50 lb O.D.: 2.75 in					



Company ENCANA OIL & GAS (USA) INC.
 Well RASMUSSEN 0-4-19
 Field WATTENBERG
 County WELD



State

COLORADO