



CEMENT BOND  
LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC.		
Well	COSSLETT 8-2-22		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Company ENCANA OIL & GAS (USA) INC.			
Well COSSLETT 8-2-22			
Field WATTENBERG			
County WELD State COLORADO			
Location:	API # : 05-123-32702-0000		Other Services
SHL: 1496' FNL & 1223' FEL BHL: 1300' FNL & 50' FEL SEC: 22 TWP: 1N RGE: 68W			NONE
Permanent Datum	GROUND LEVEL		Elevation 5185'
Log Measured From	KELLY BUSHING = 13'		K.B. 5198' D.F. 5197' G.L. 5185'
Drilling Measured From	KELLY BUSHING		

Date	17 DECEMBER 2011									
Run Number	ONE									
Depth Driller	8626'									
Depth Logger	8564'									
Bottom Logged Interval	8564'									
Top Log Interval	3700'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.3#									
Max. Recorded Temp.	261 DEG F									
Estimated Cement Top	4060'									
Time Well Ready	N/A									
Time Logger on Bottom	N/A									
Equipment Number	10901 PRD01									
Location	AULT, CO									
Recorded By	ZEMICK									
Witnessed By	T.MAJORS									
Borehole Record										
Run Number	Bit	From	To	Size	Tubing Record					
ONE	12.25"	0'	990'							
TWO	7.875"	990'	8650'							
Casing Record	Size	Wgt/Ft			Top			Bottom		
Surface String	8.625"	24#			0'			980'		
Prot. String										
Production String	4.5"	11.6#			0'			8626'		
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 7740' - 7764'

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



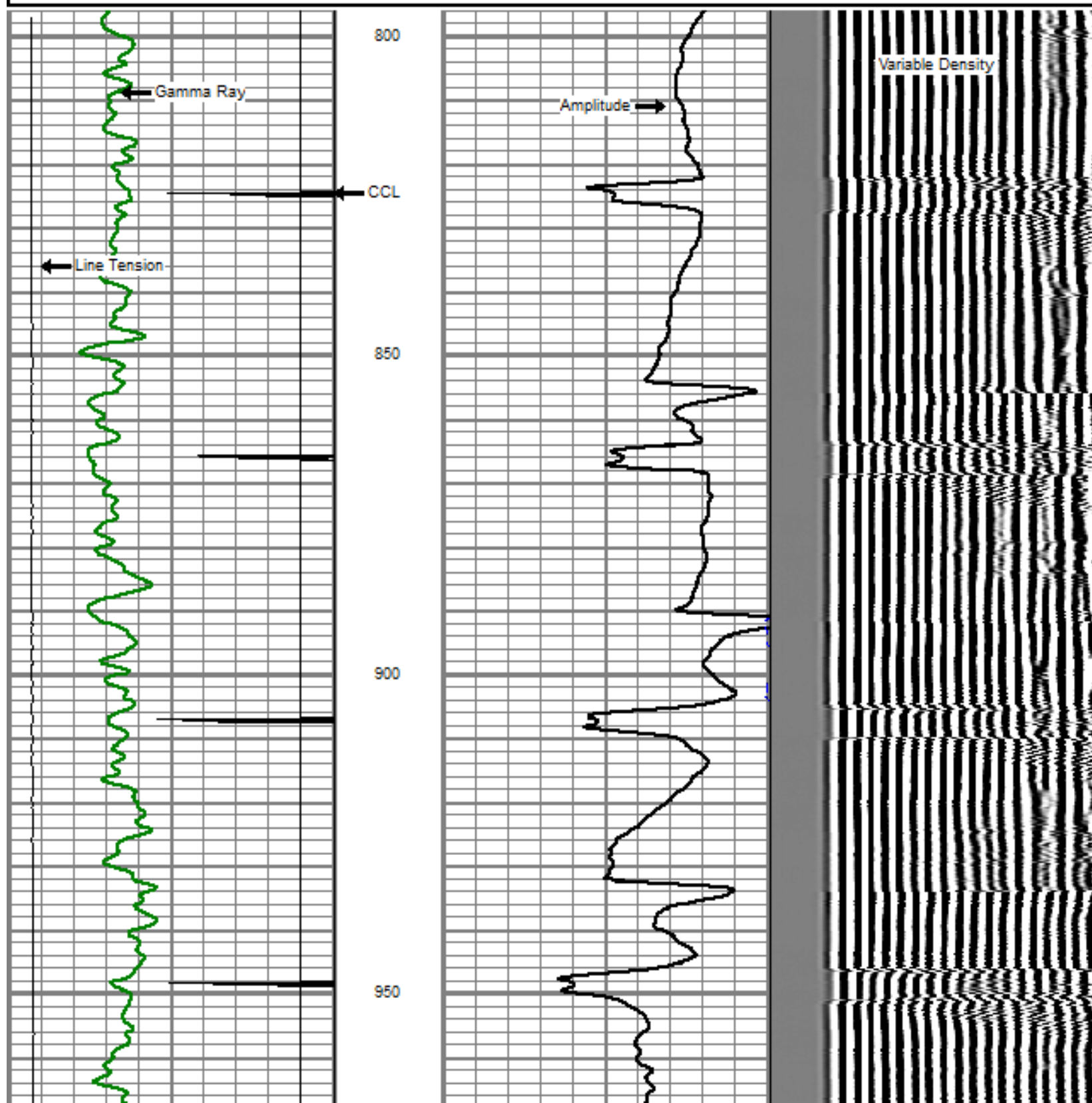
TOP PASS

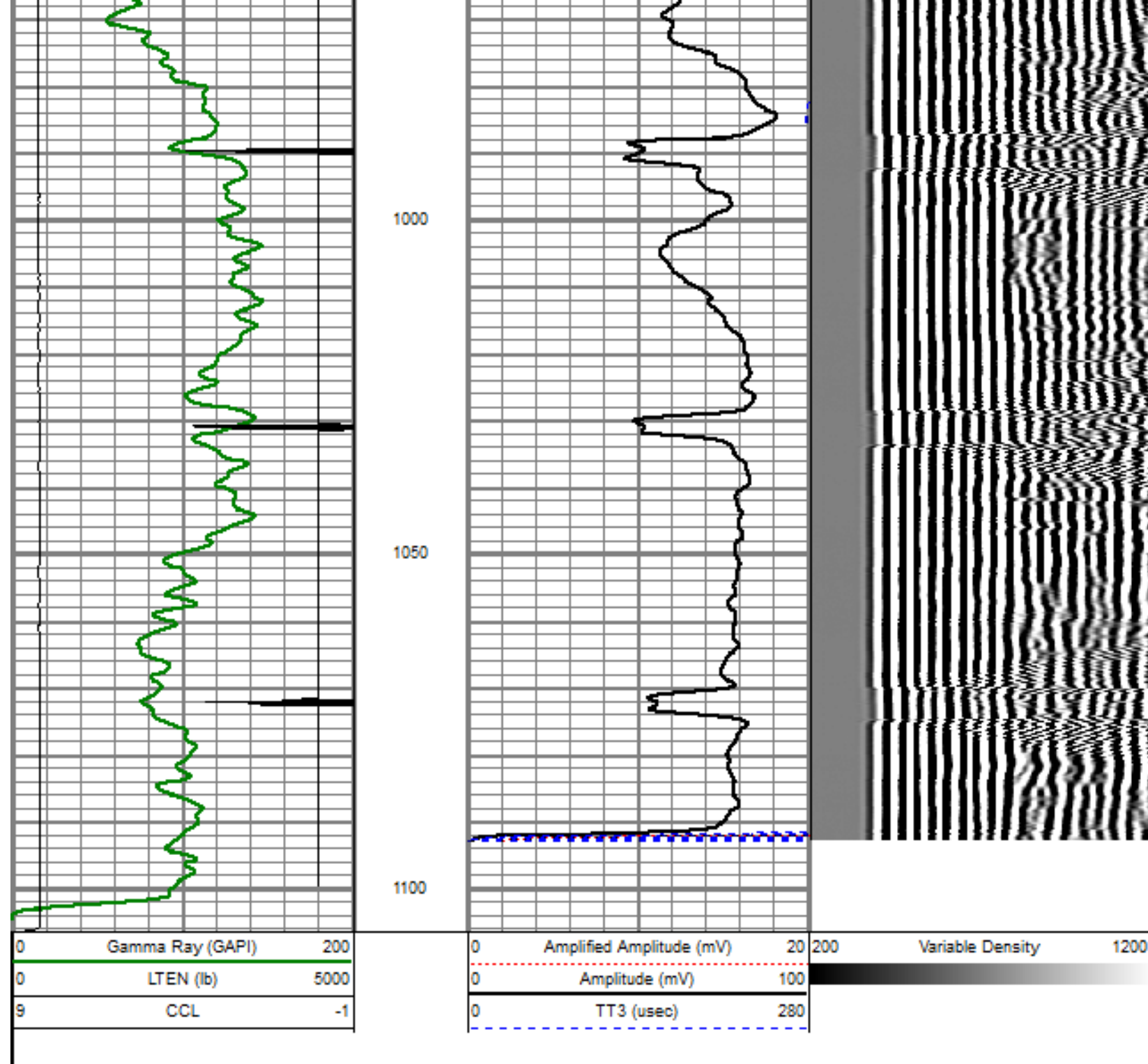
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Dataset Pathname: pass5.2  
Presentation Format: dobl\_prb  
Dataset Creation: Sat Dec 17 11:04:22 2011 by Calc SCH 110722  
Charted by: Depth in Feet scaled 1:240

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

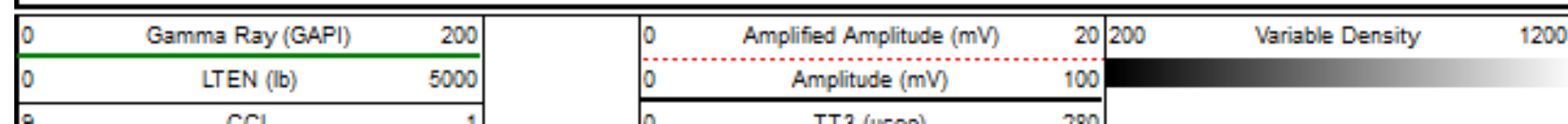




REPEAT PASS

5" = 100'

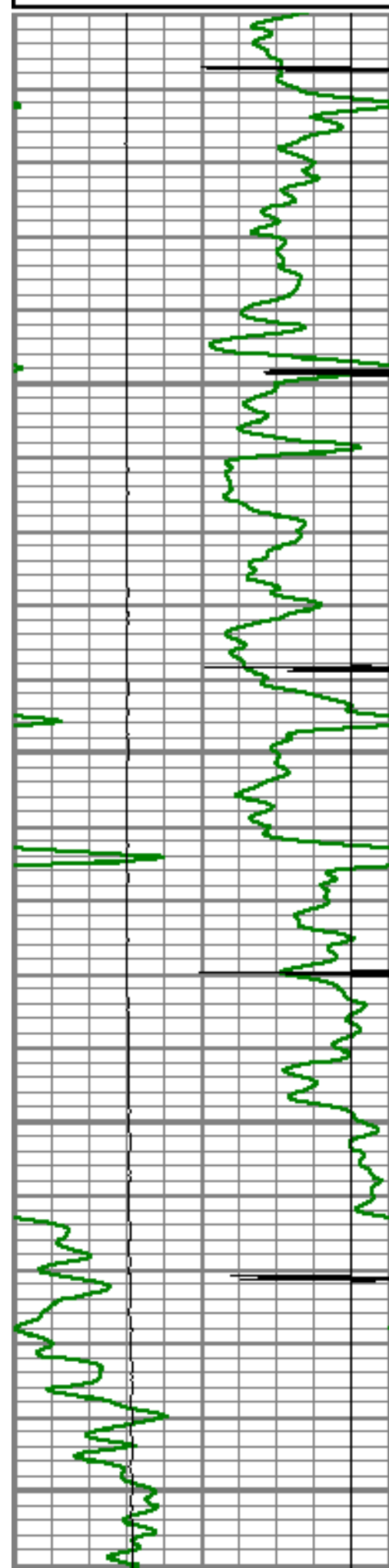
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 Dataset Pathname: pass3  
 Presentation Format: dobl\_prb  
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 Charted by: Depth in Feet scaled 1:240



CCL

TTS (usec)

200



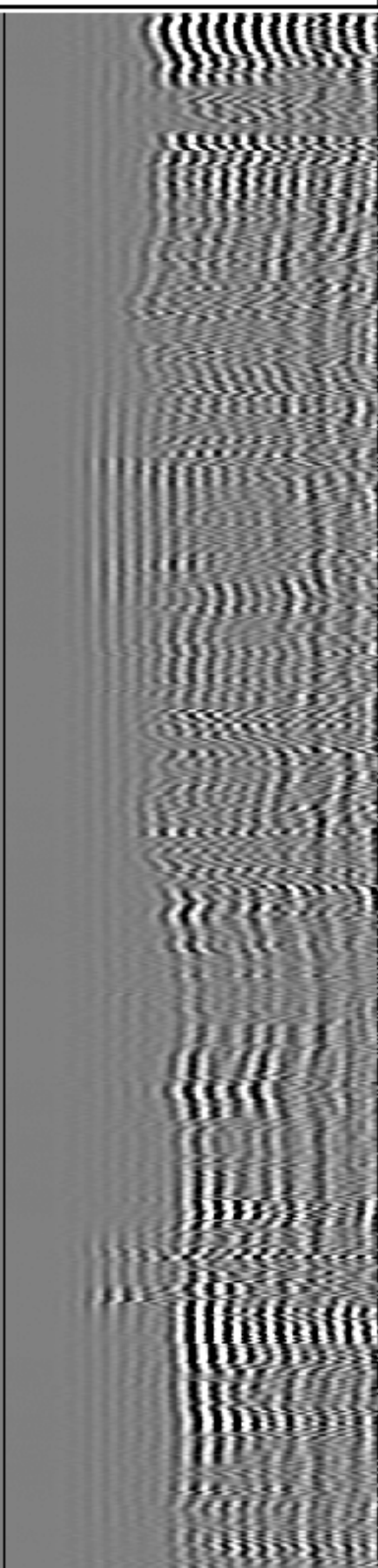
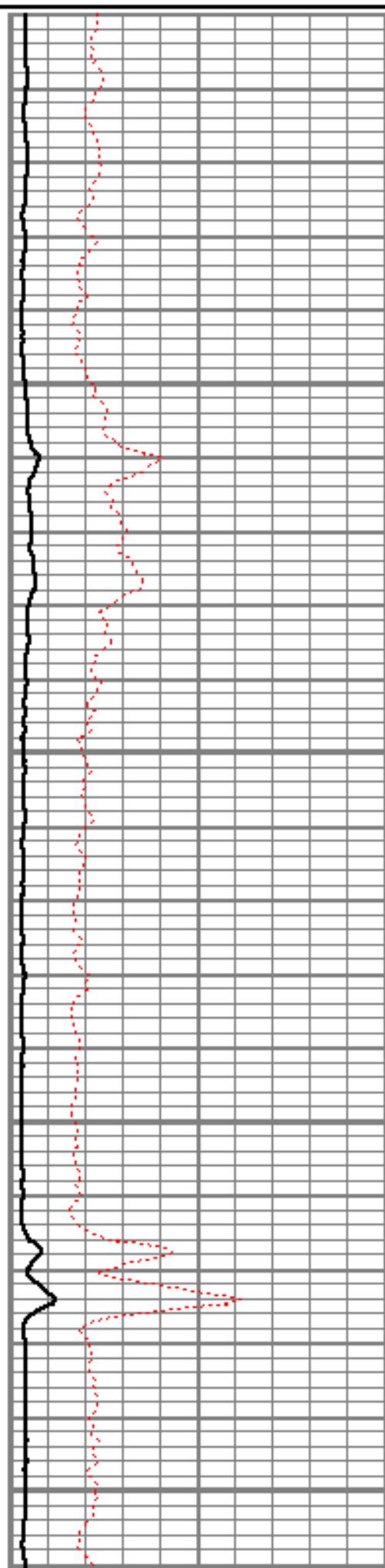
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8300

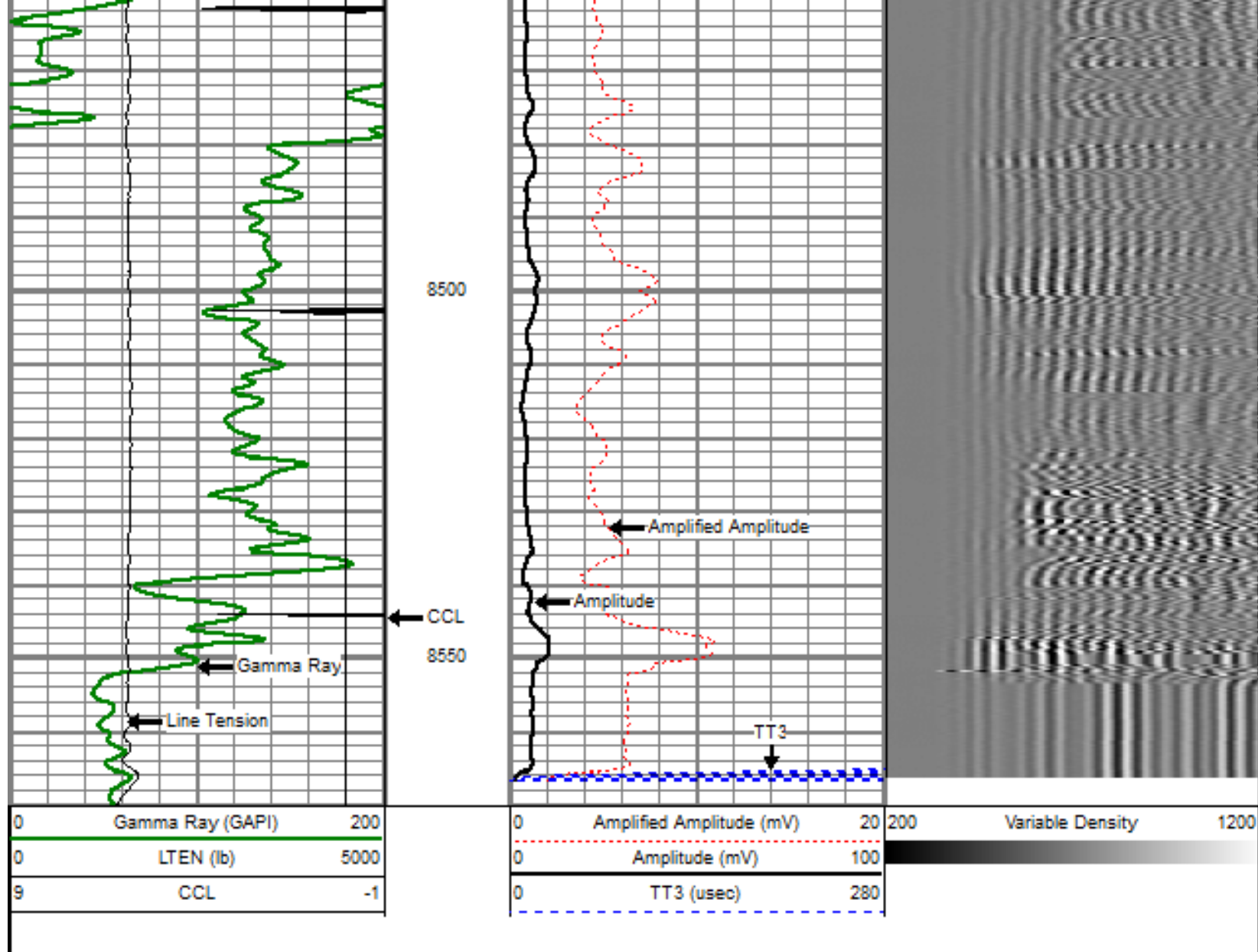
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8400

8450



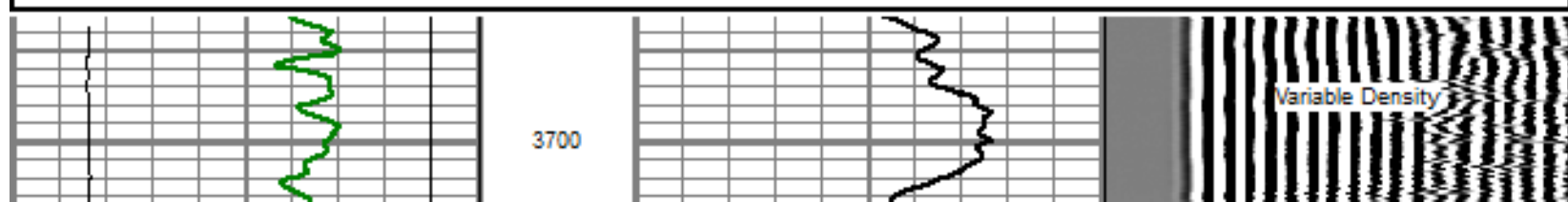
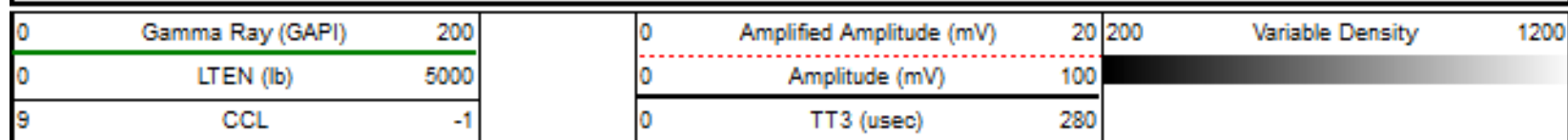


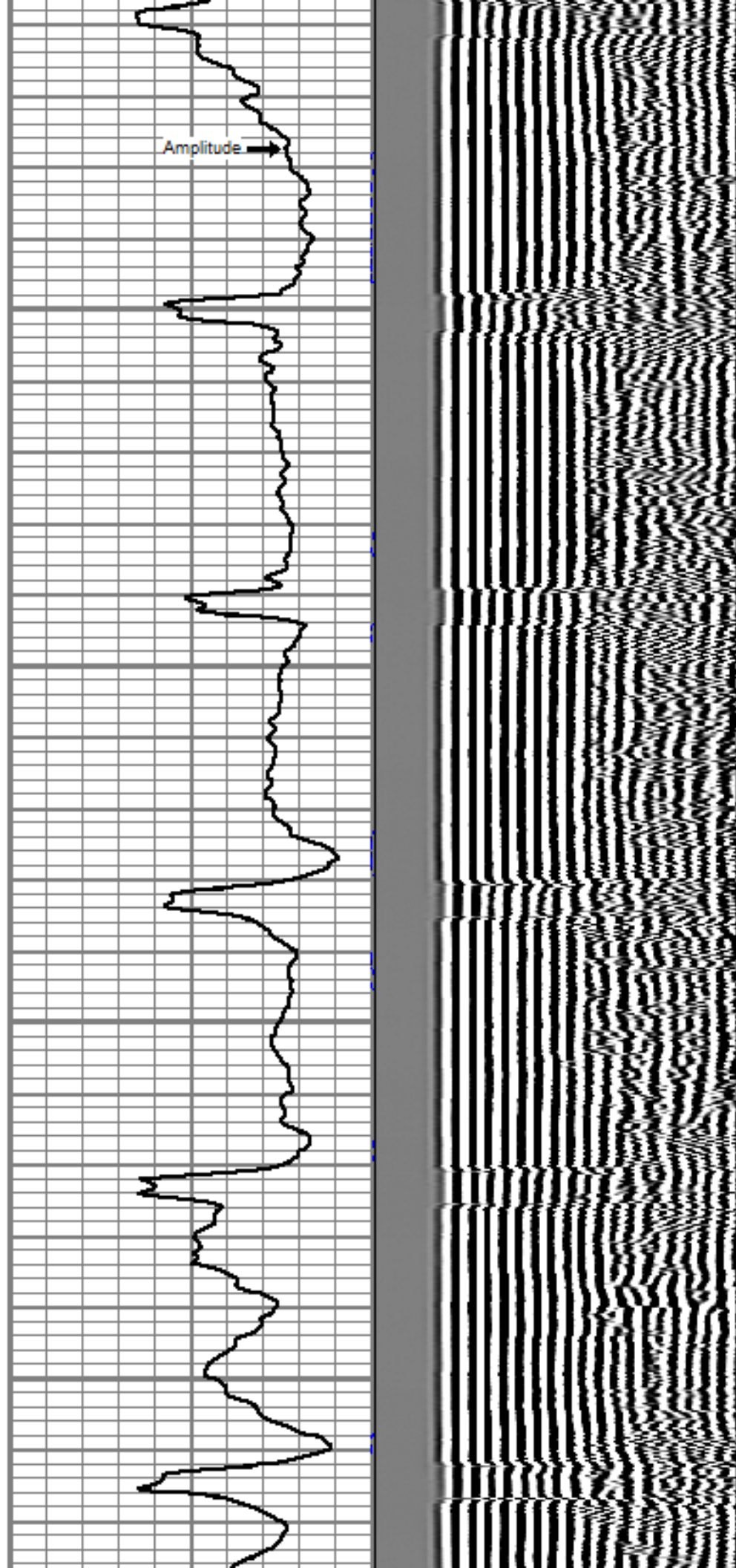
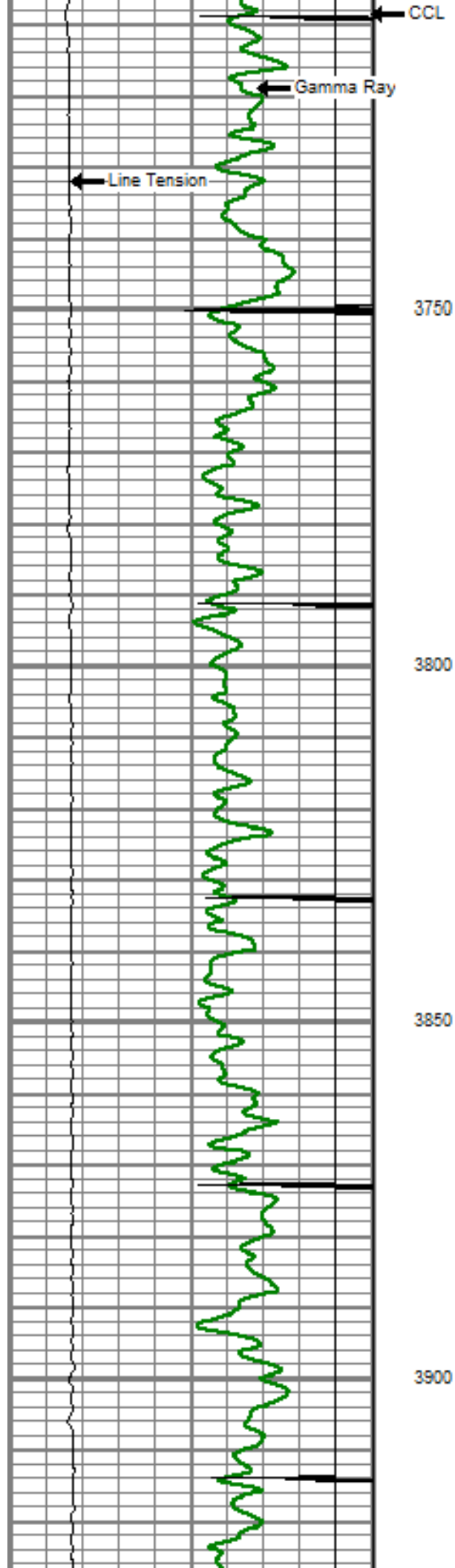


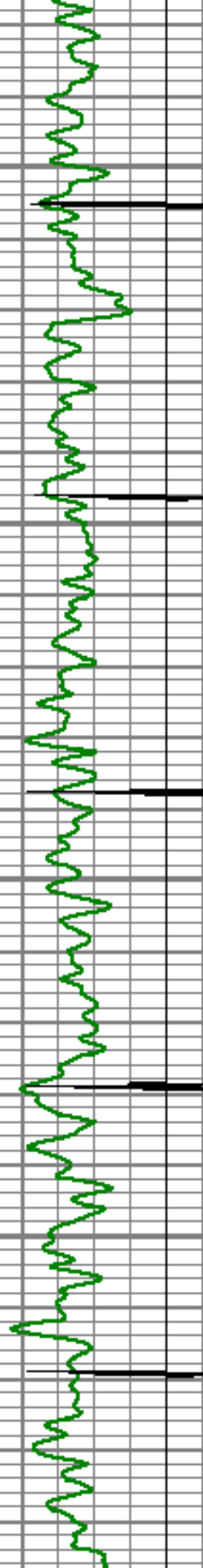
## MAIN PASS

5" = 100'

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 Dataset Pathname: pass4.1  
 Presentation Format: dobl\_prb  
 Dataset Creation: Sat Dec 17 10:25:41 2011 by Calc SCH 110722  
 Charted by: Depth in Feet scaled 1:240







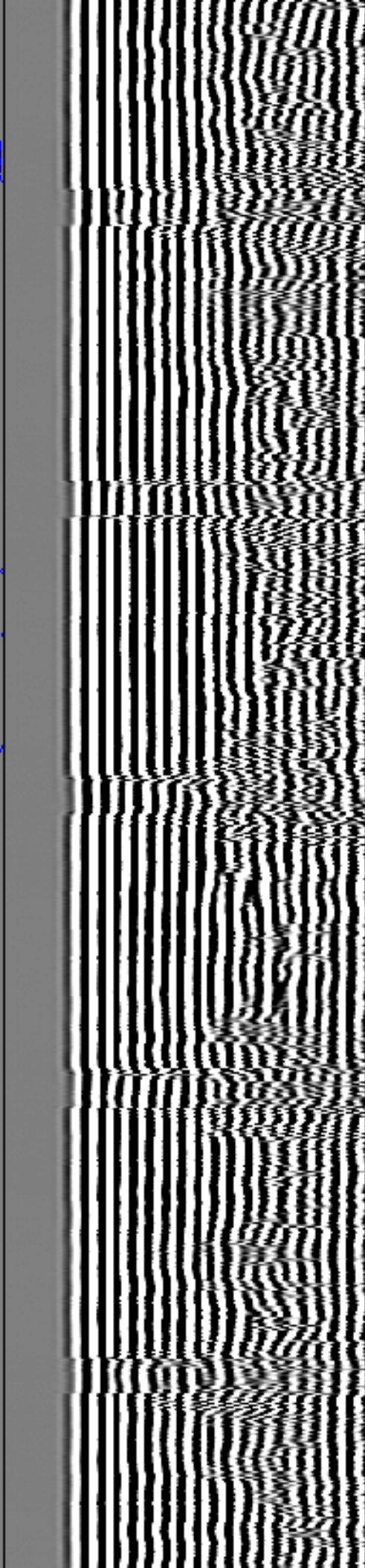
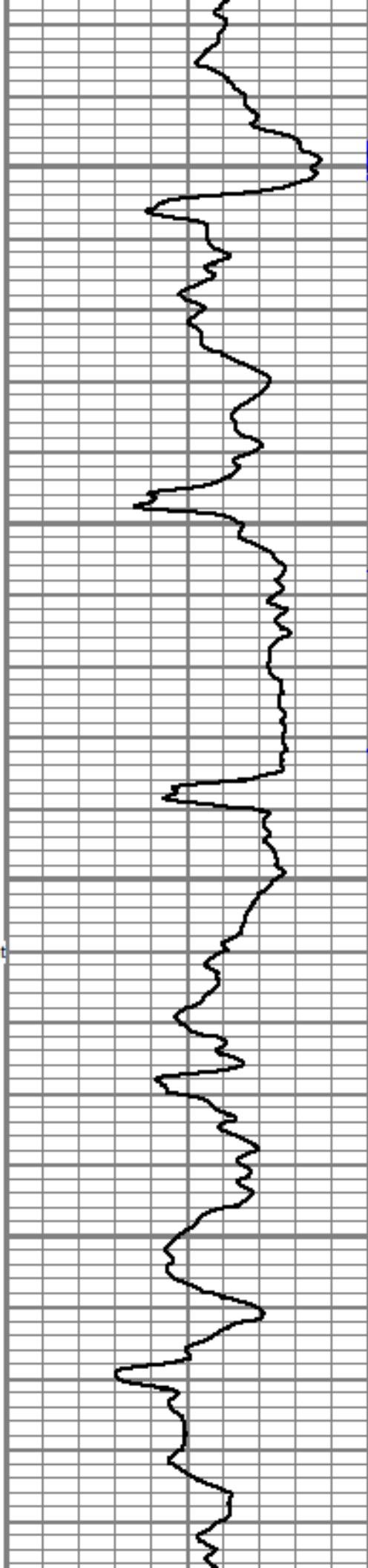
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4000

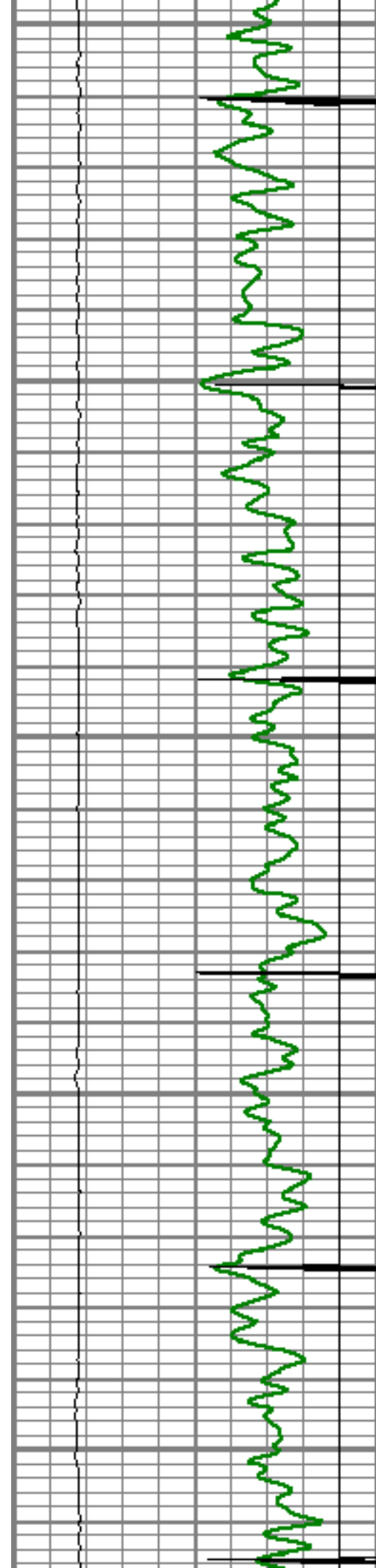
4050

Top of Cement

4100







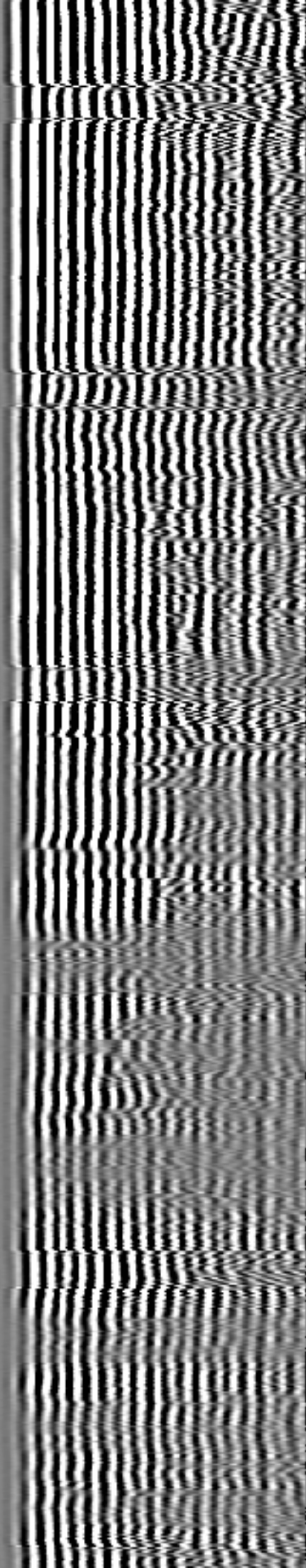
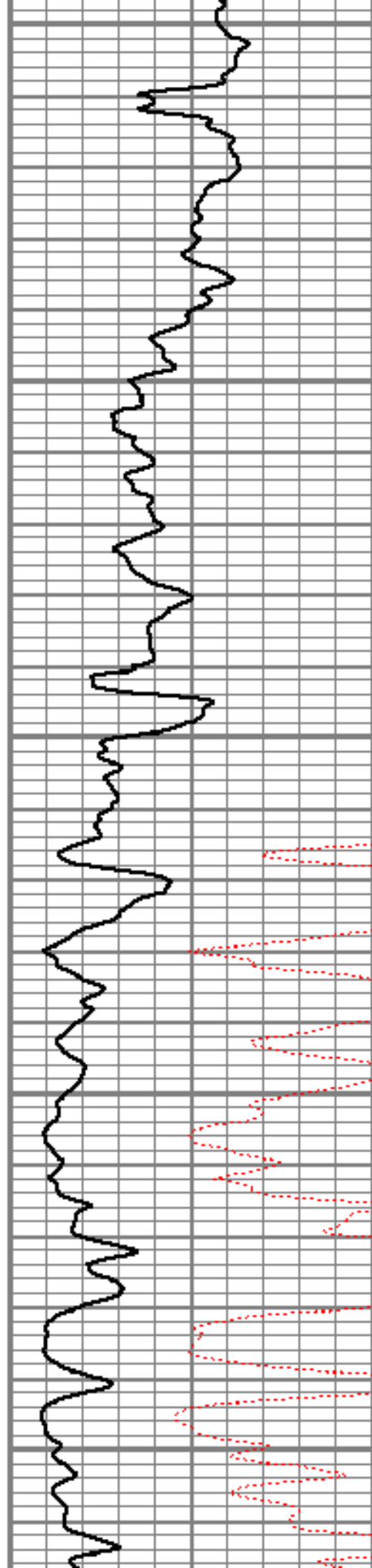
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4200

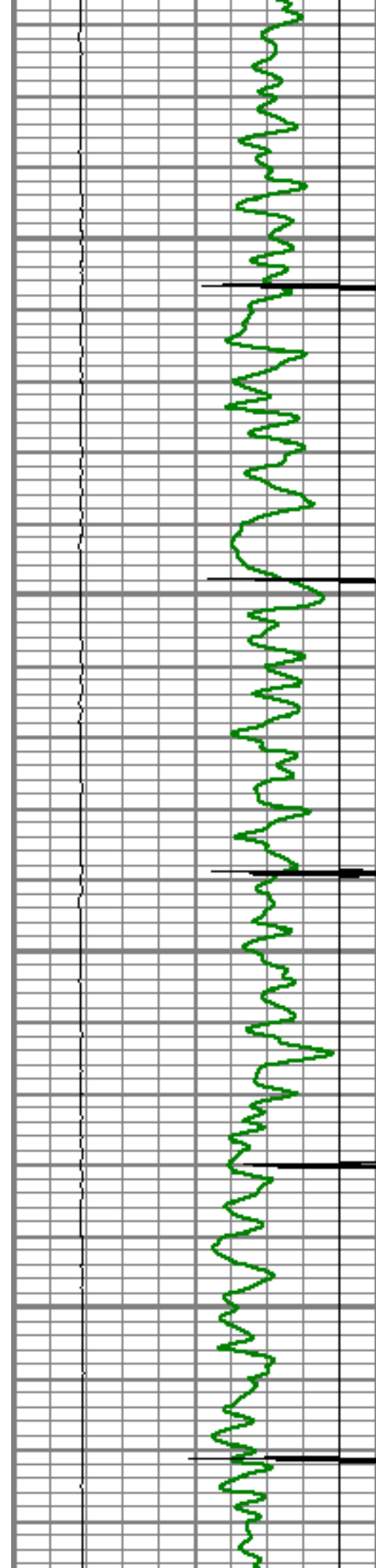
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4300

4350





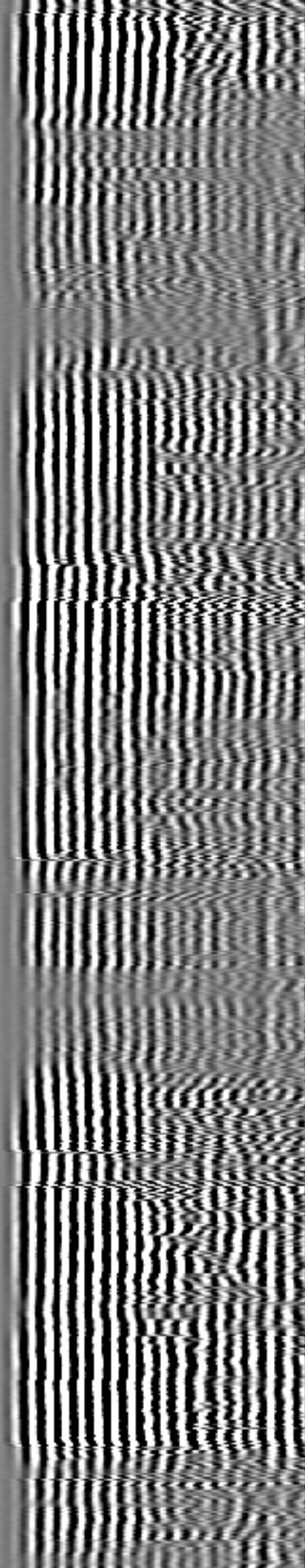
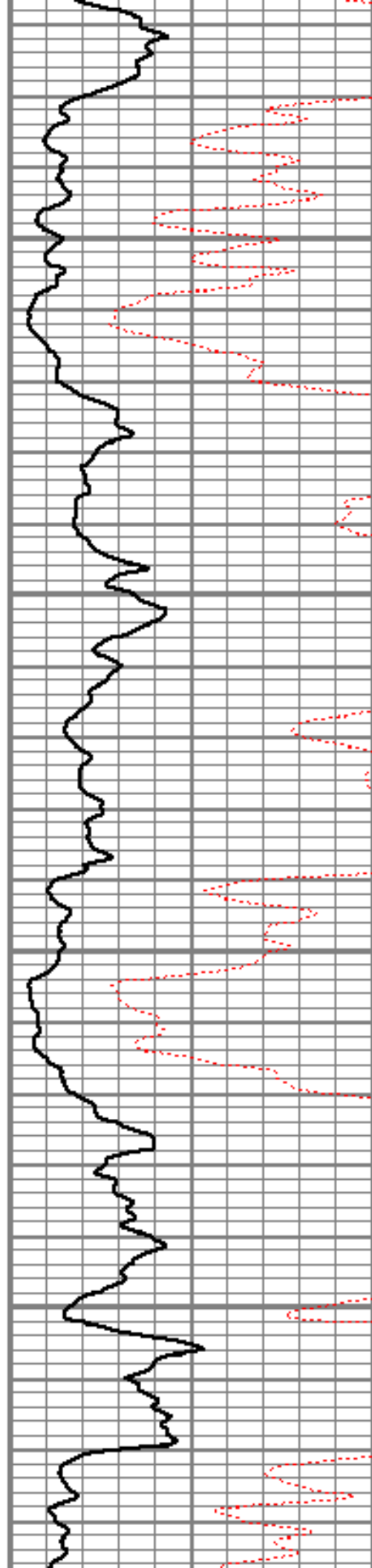


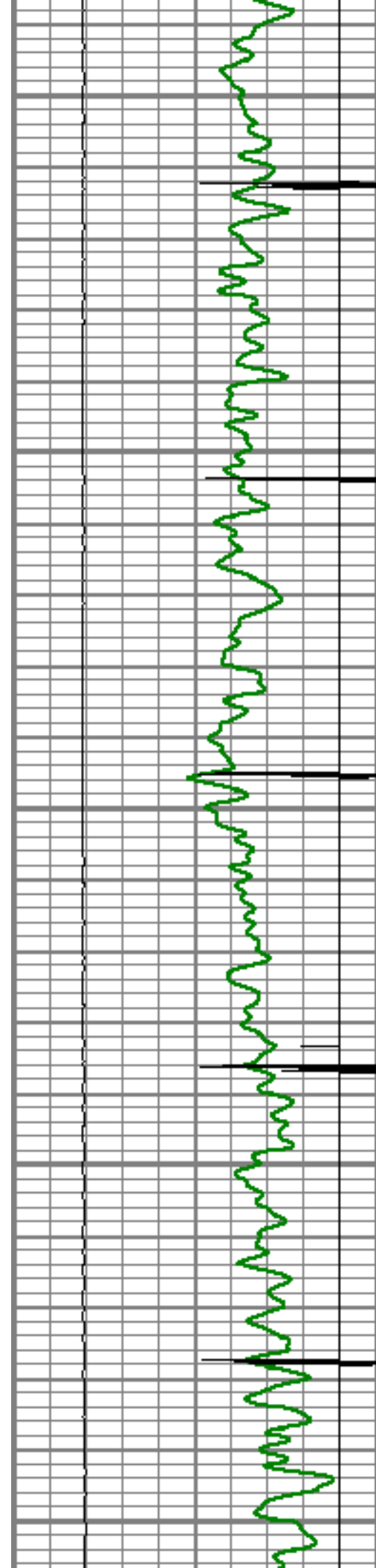
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4450

4500

4550





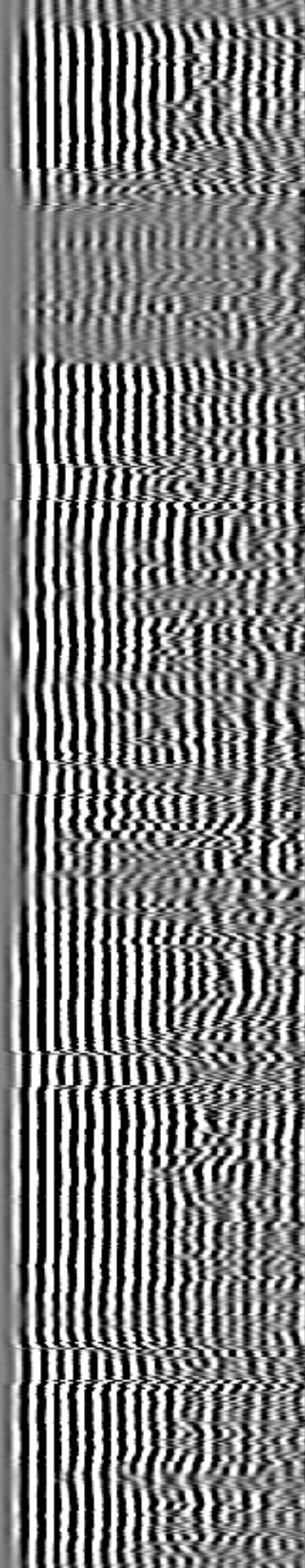
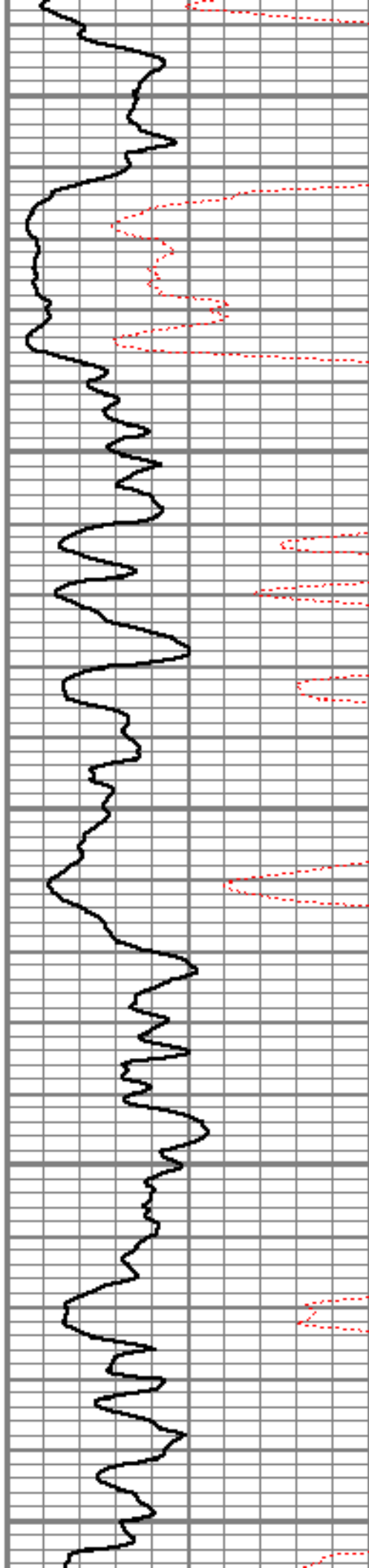
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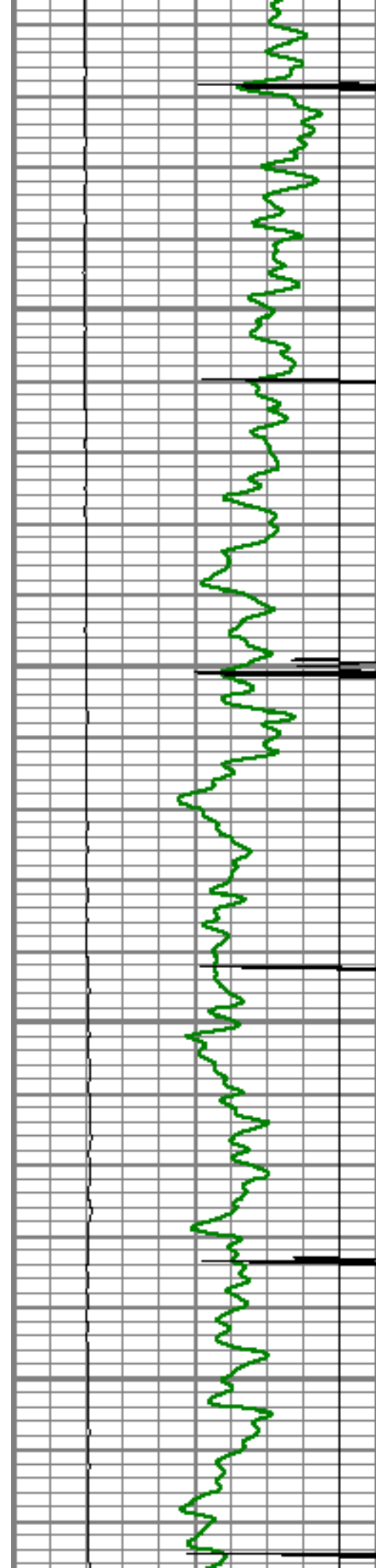
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4700

4750

4800



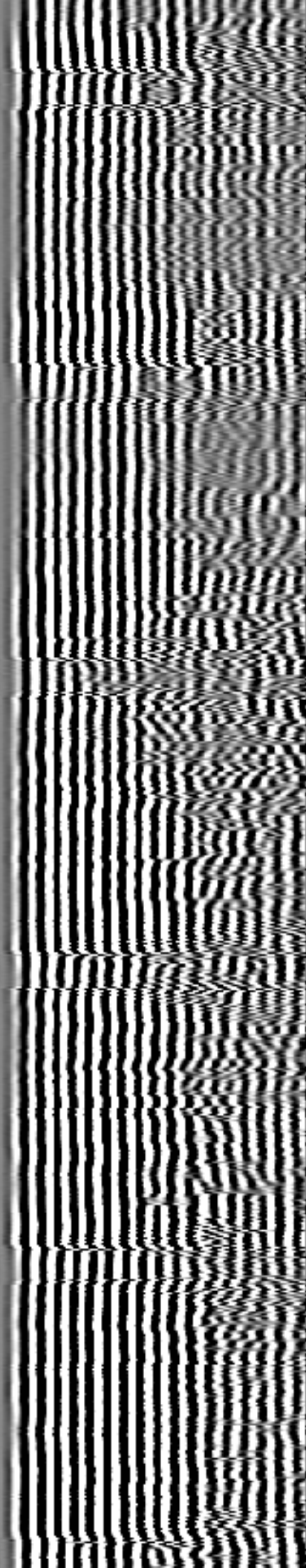
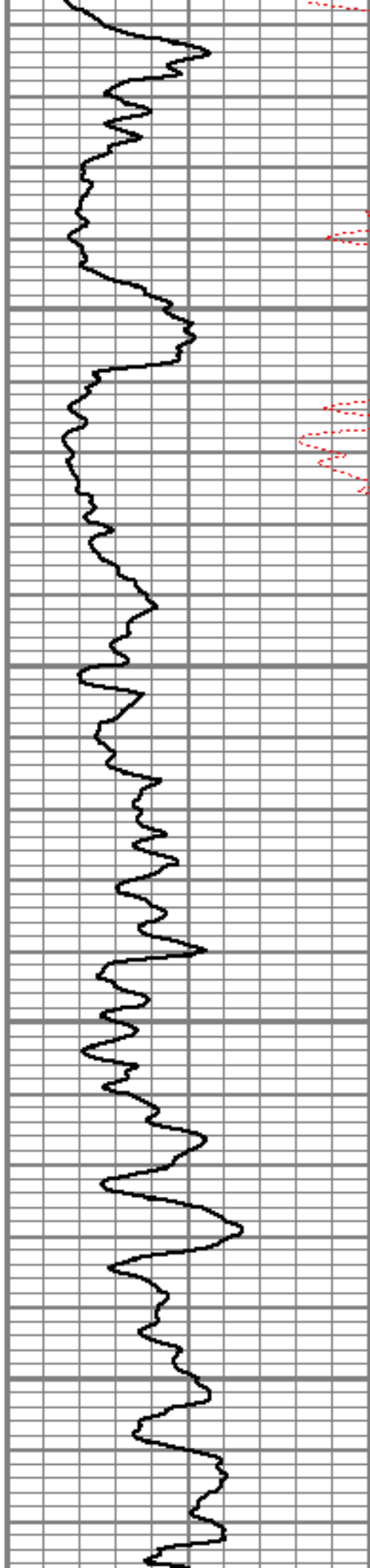


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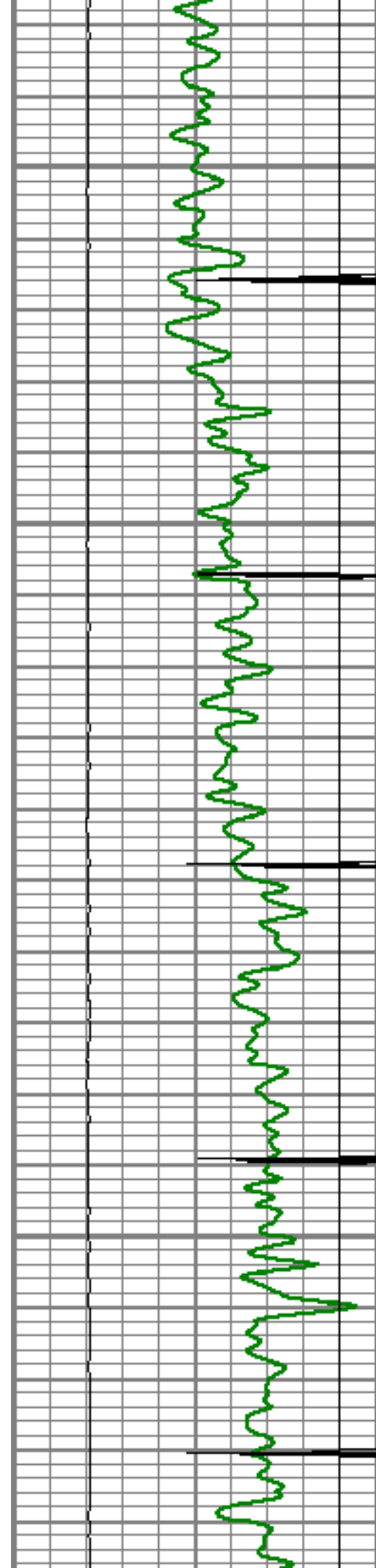
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4950

5000





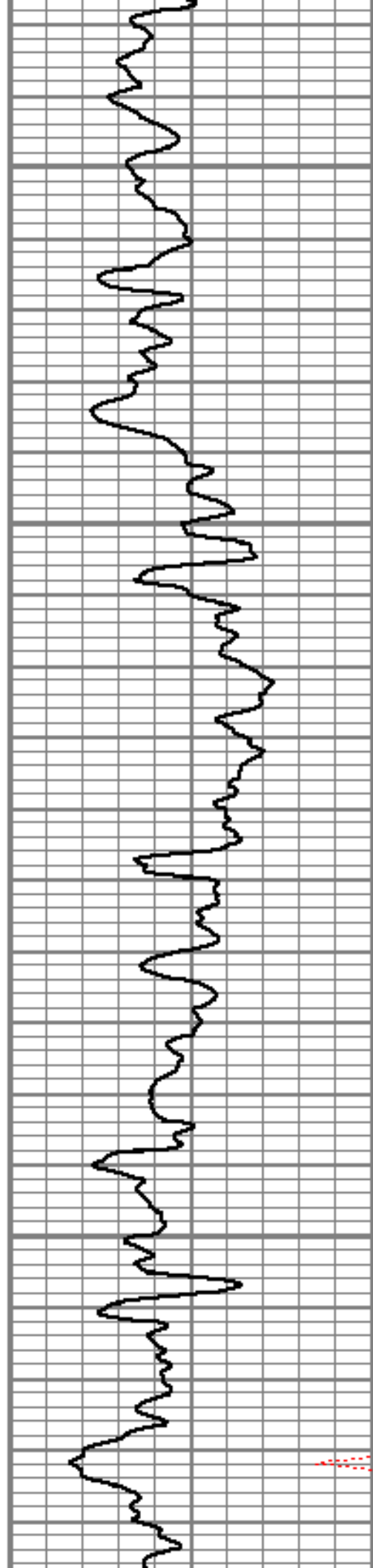


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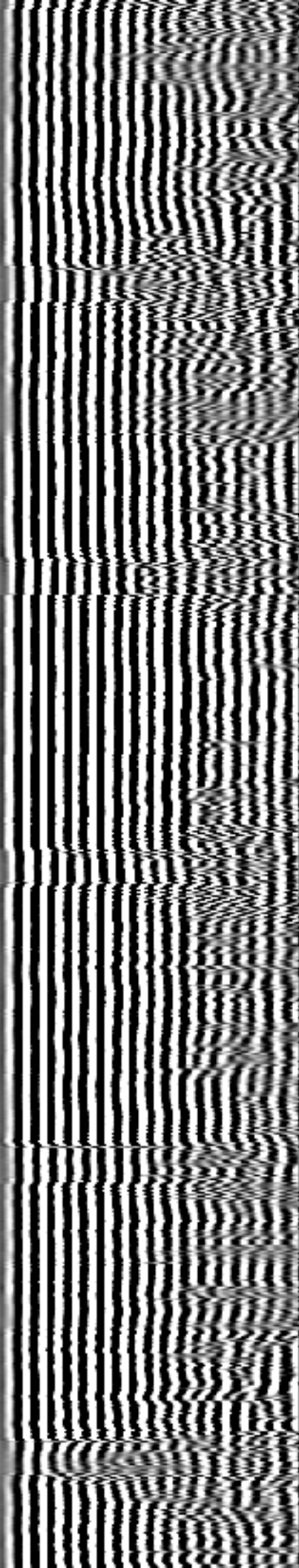
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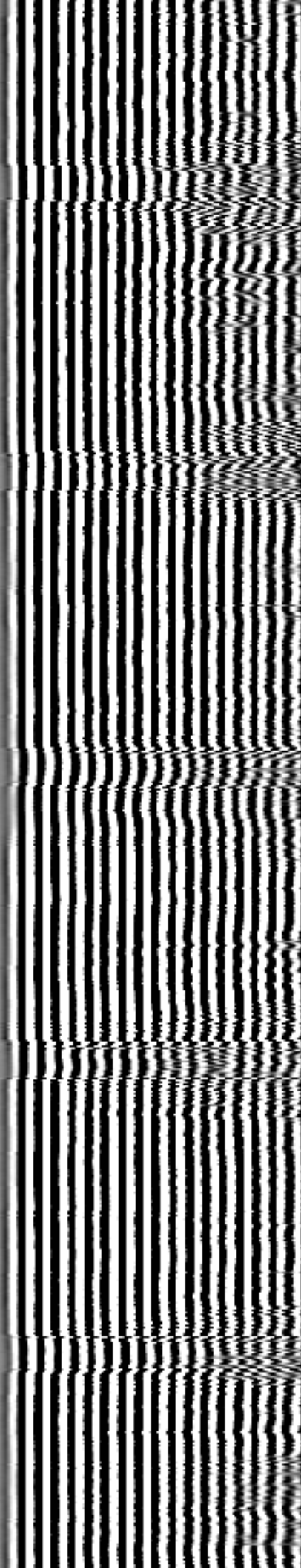
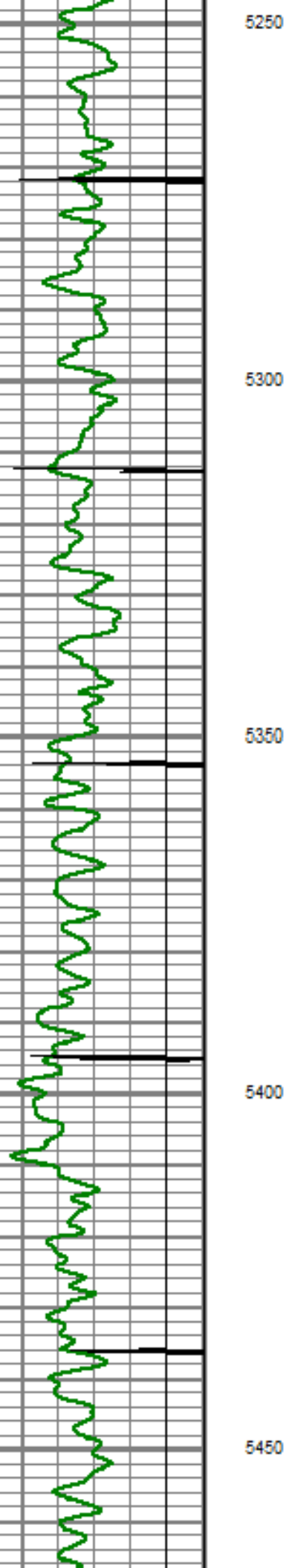
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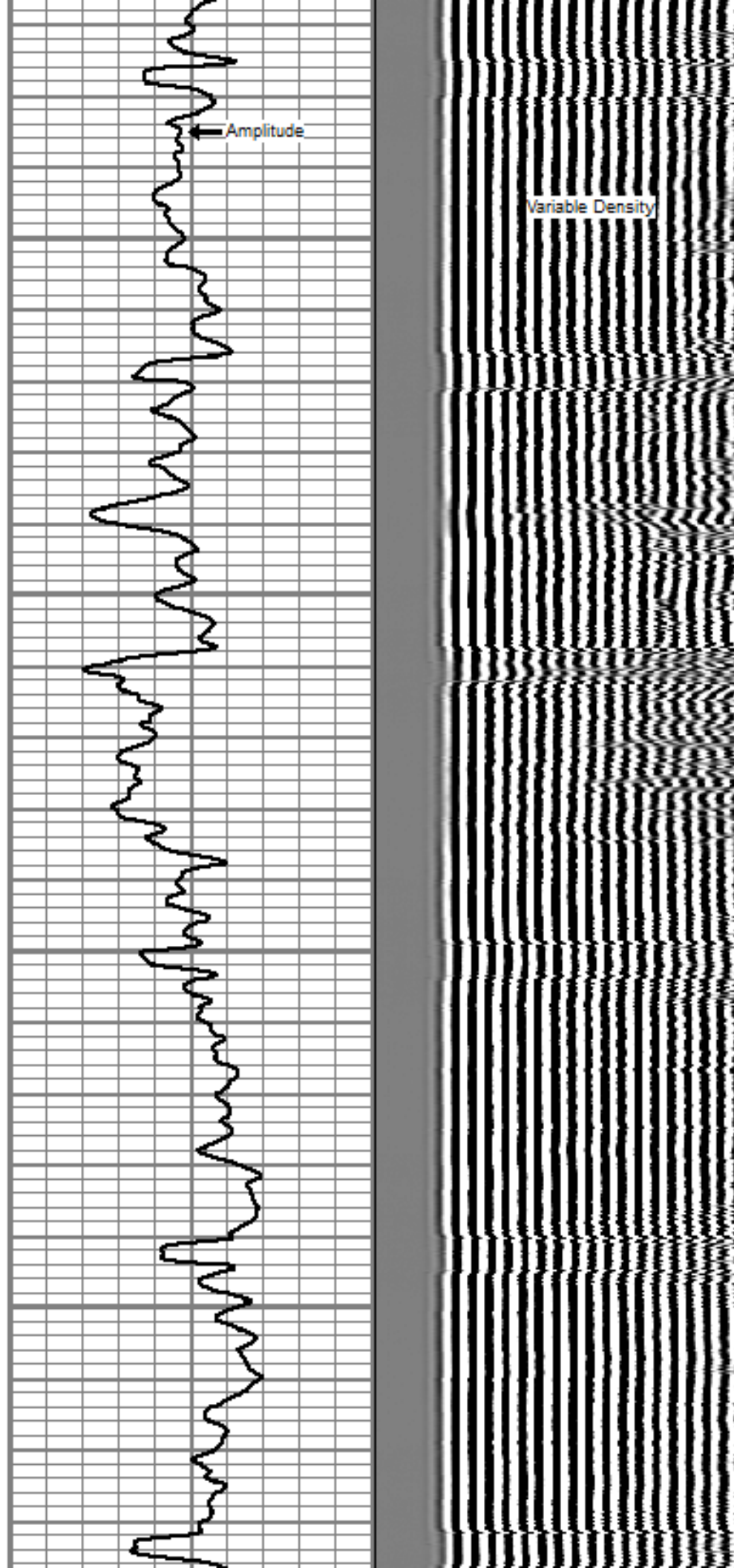
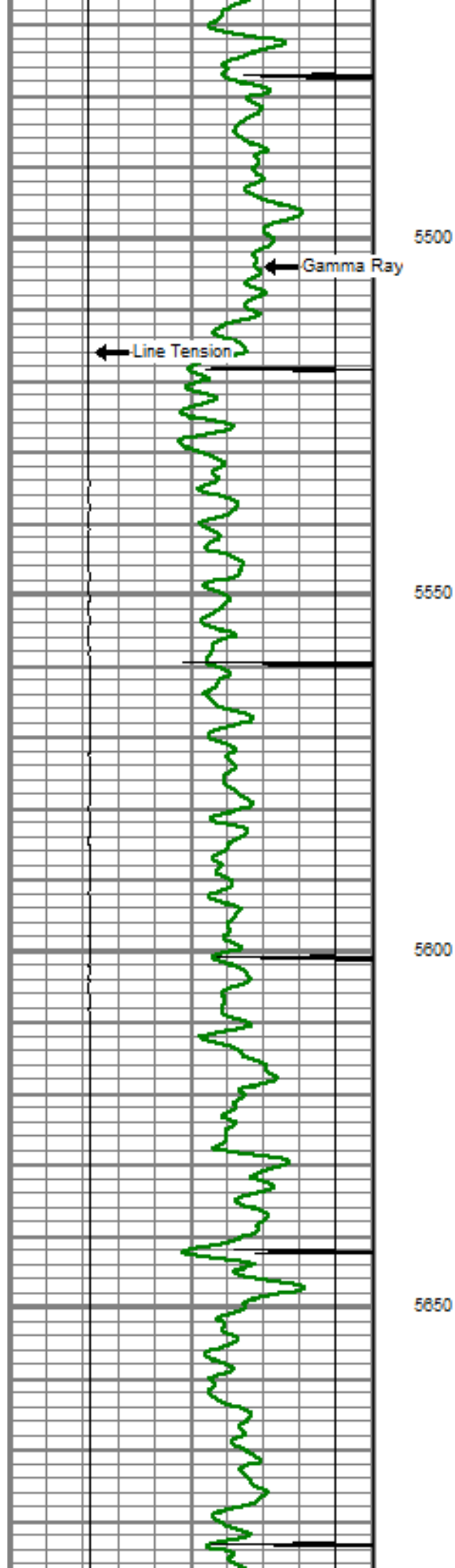
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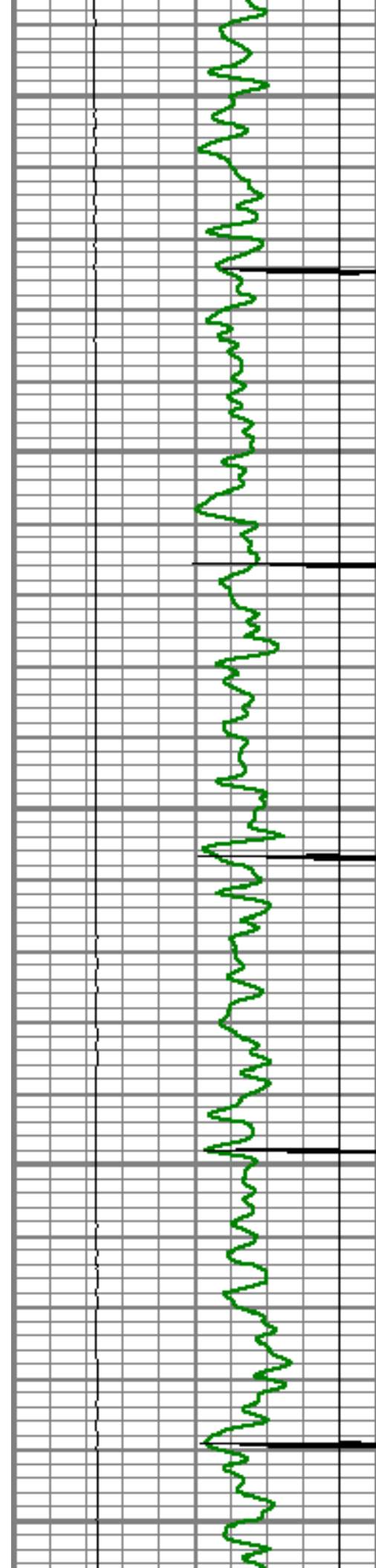
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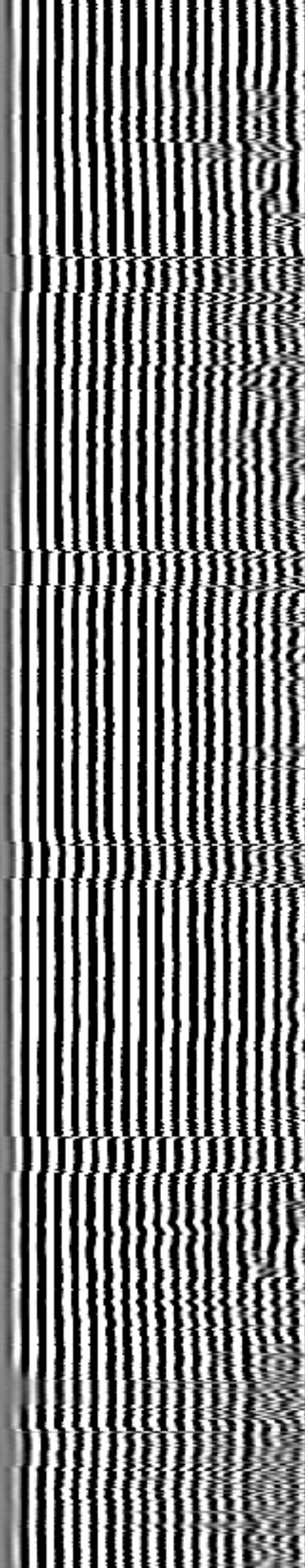
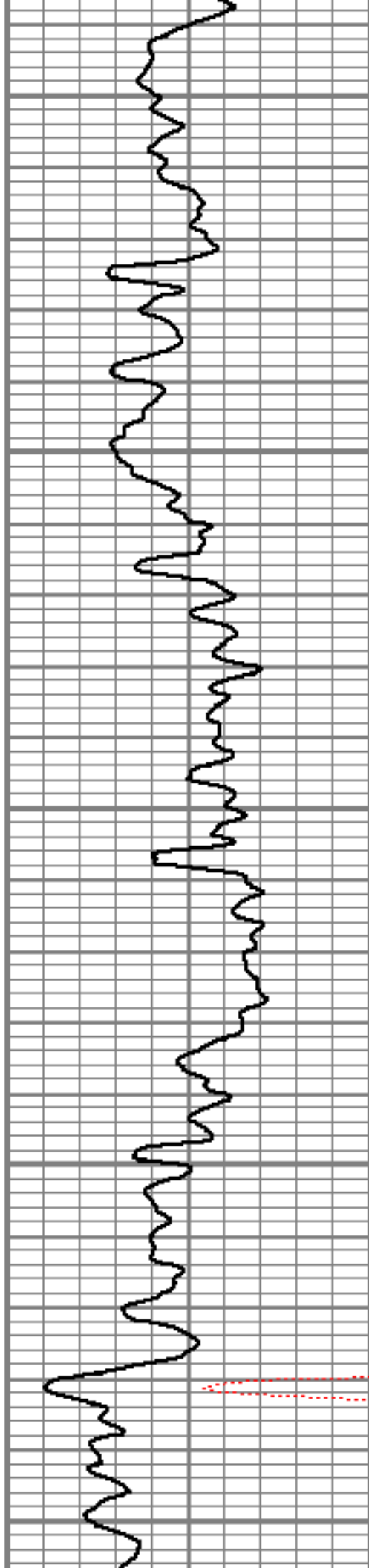
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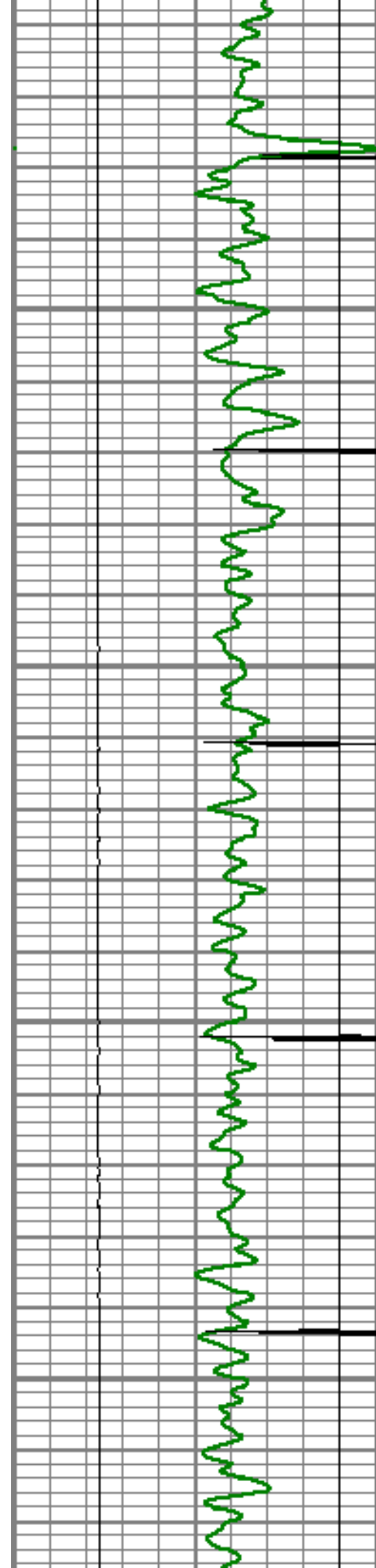
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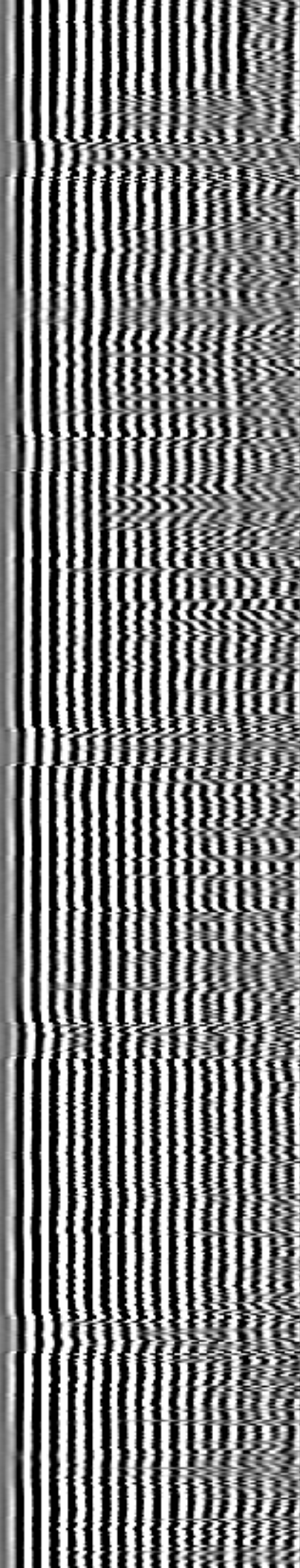
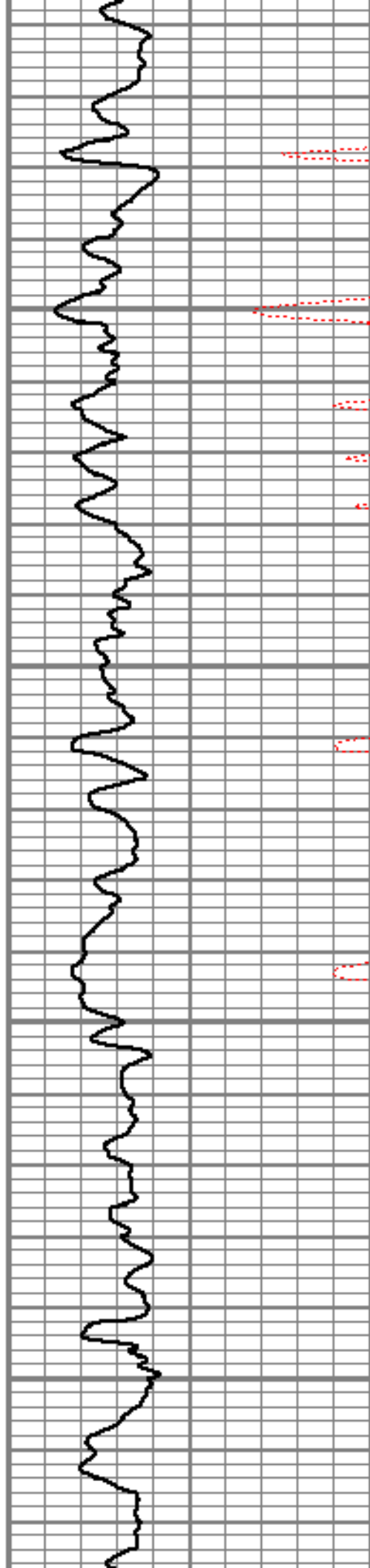


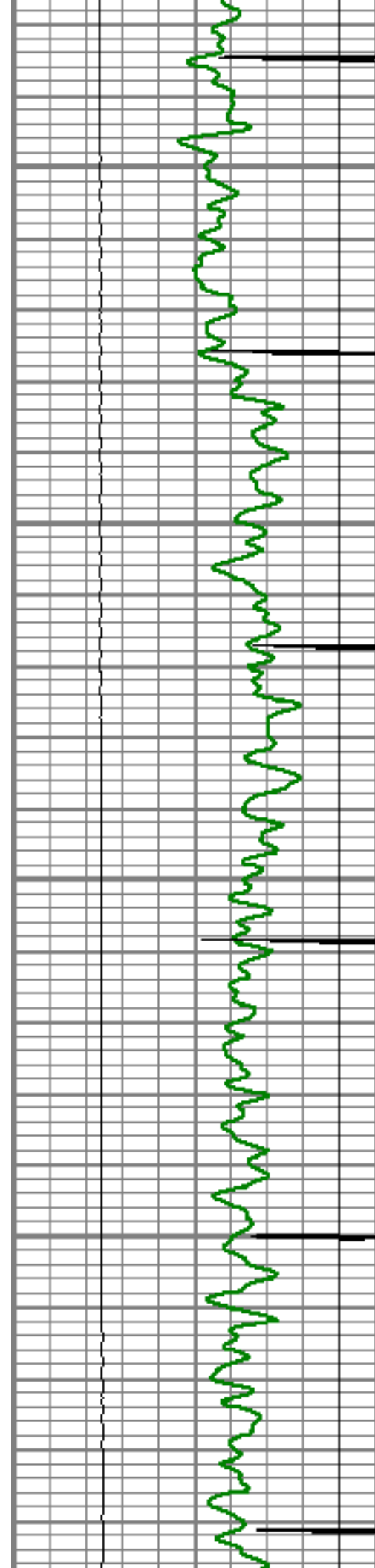
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6000

6050

6100



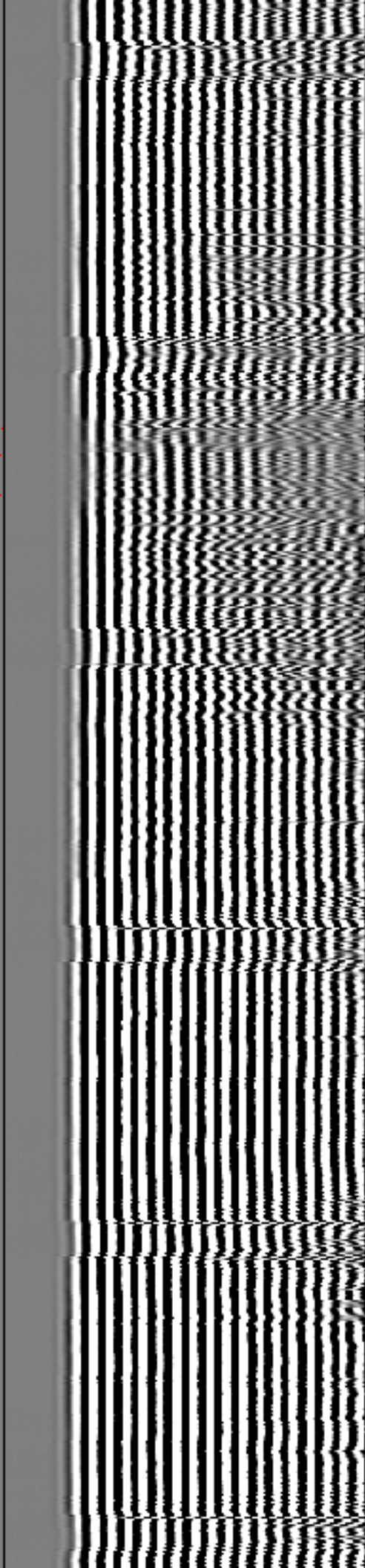
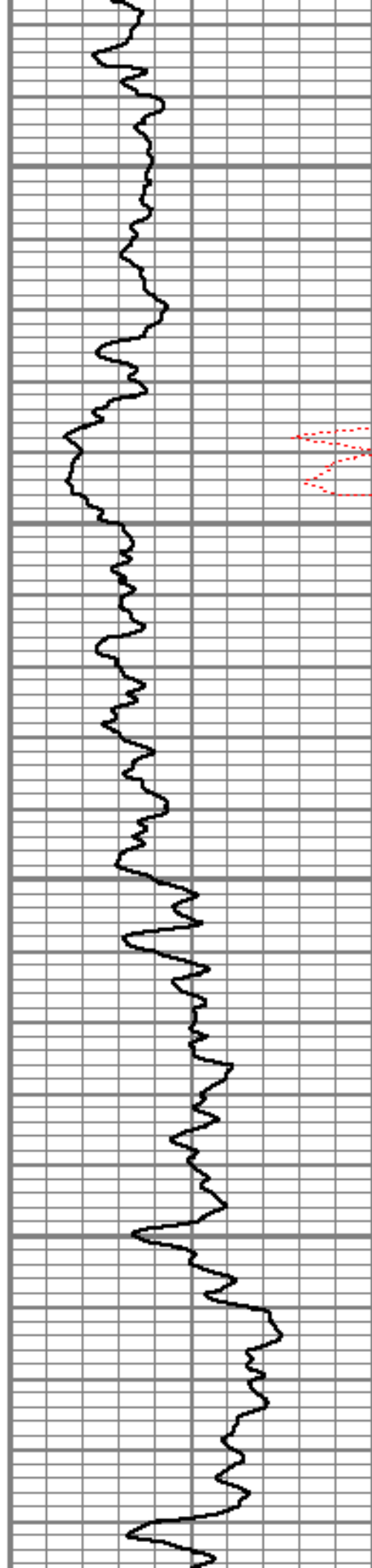


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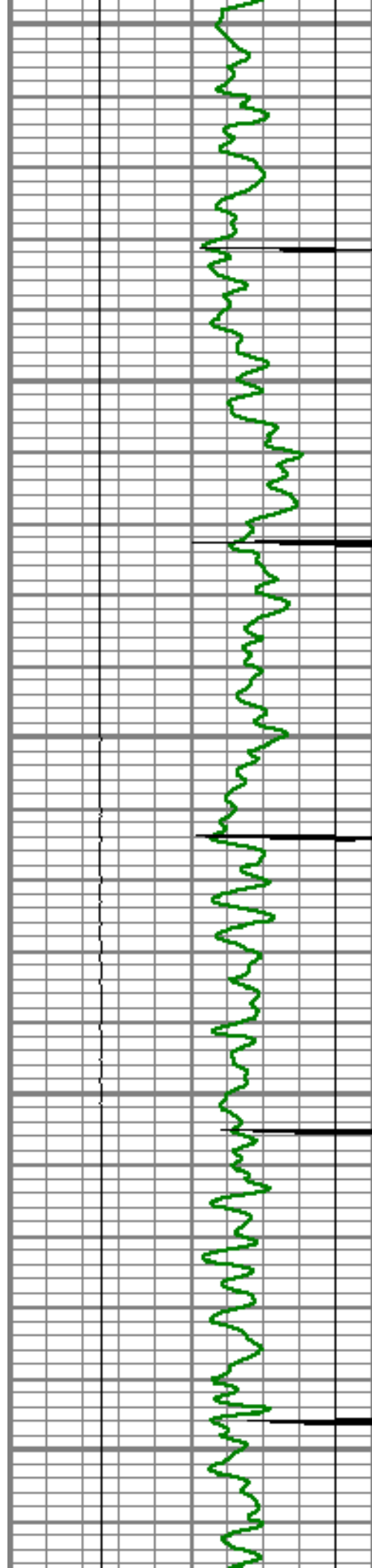
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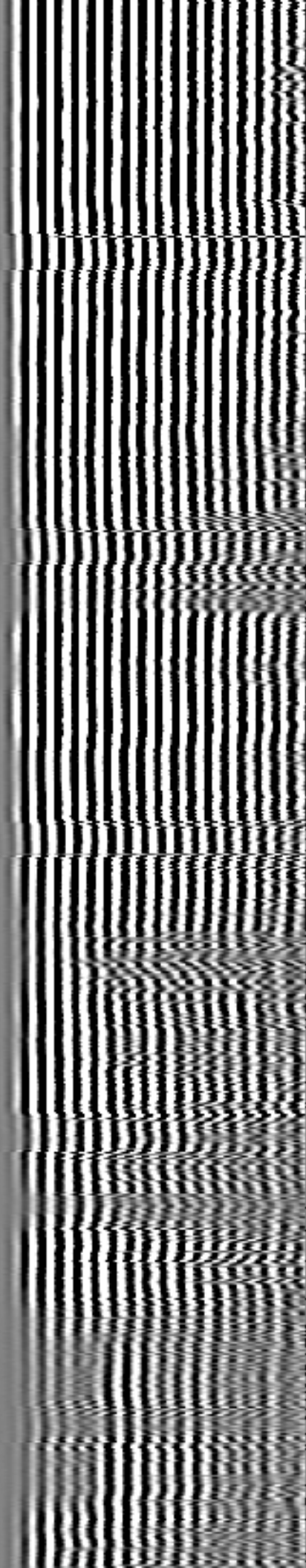
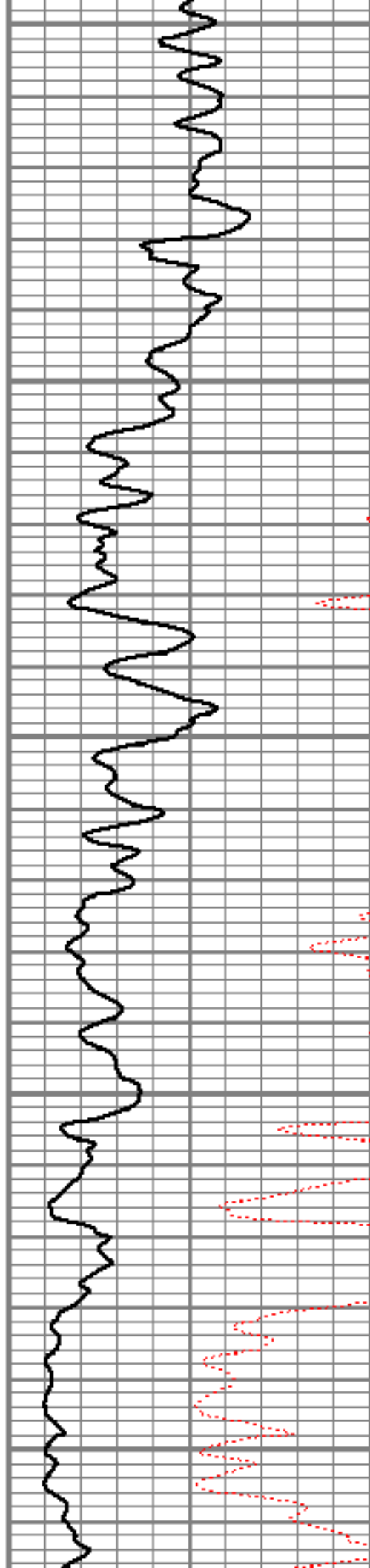
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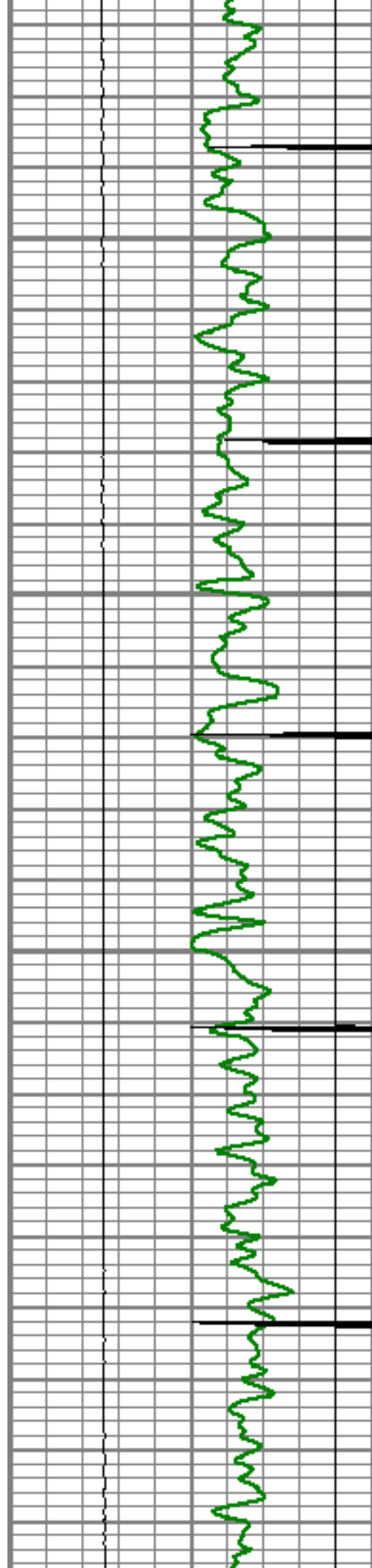
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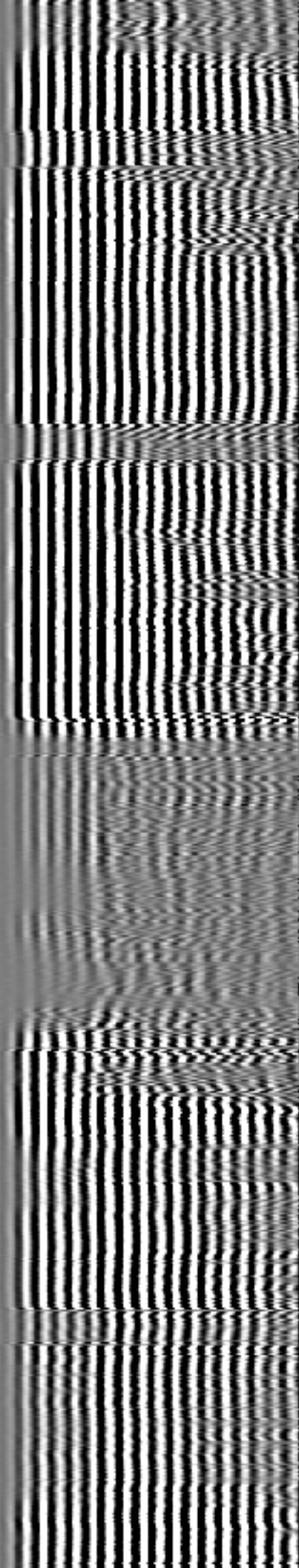
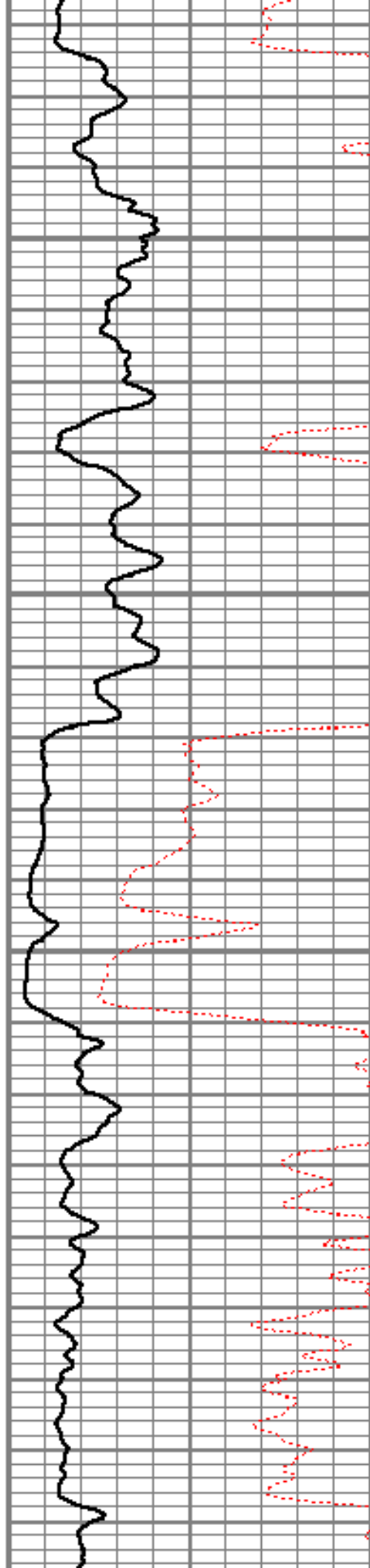


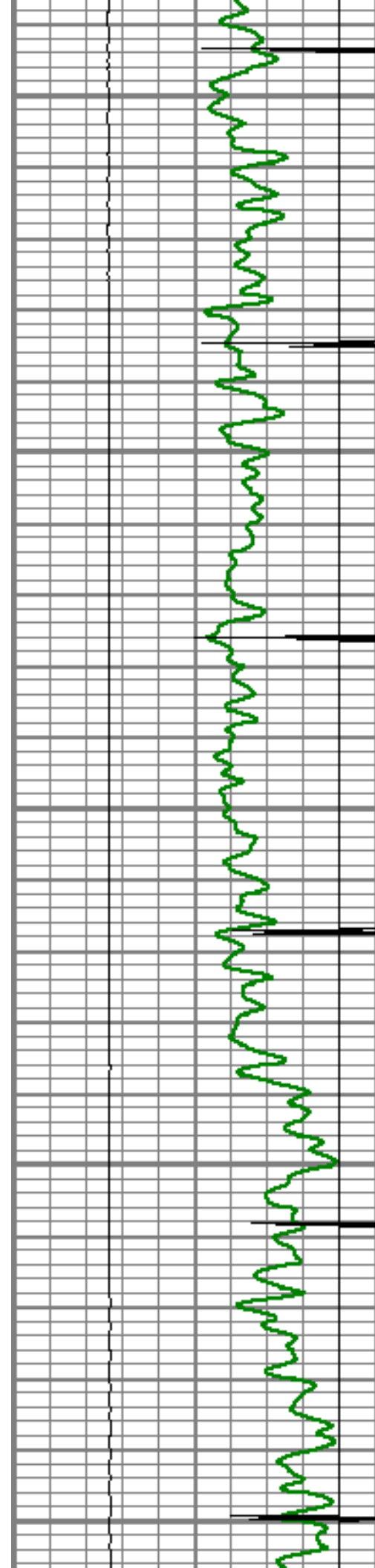
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6700

6750





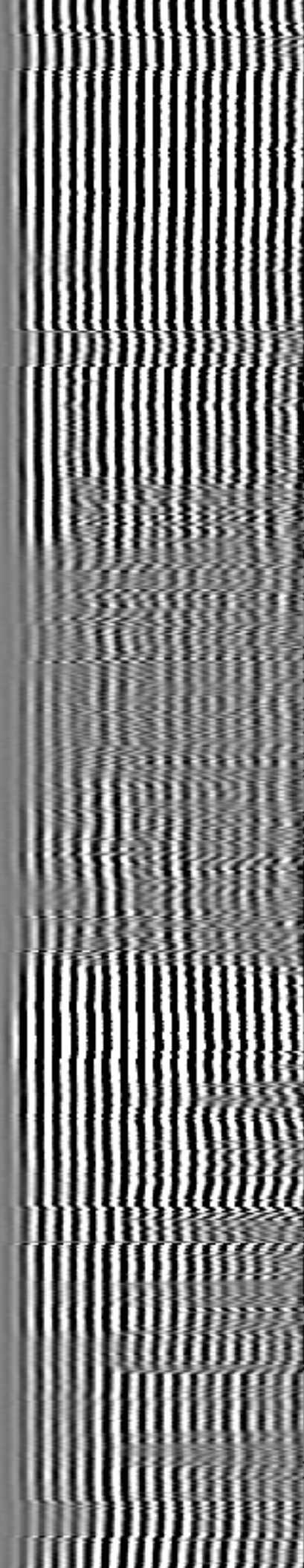
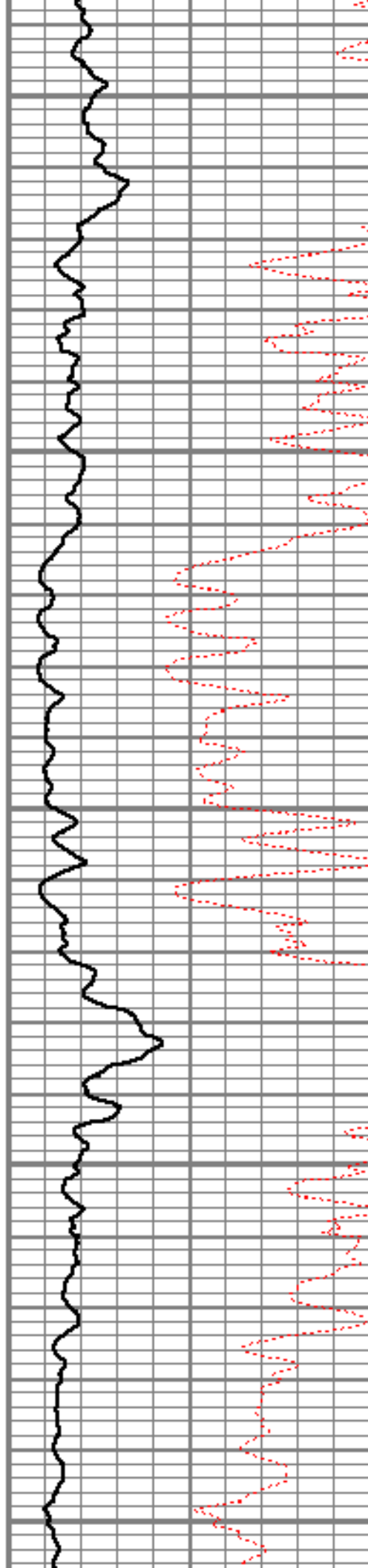
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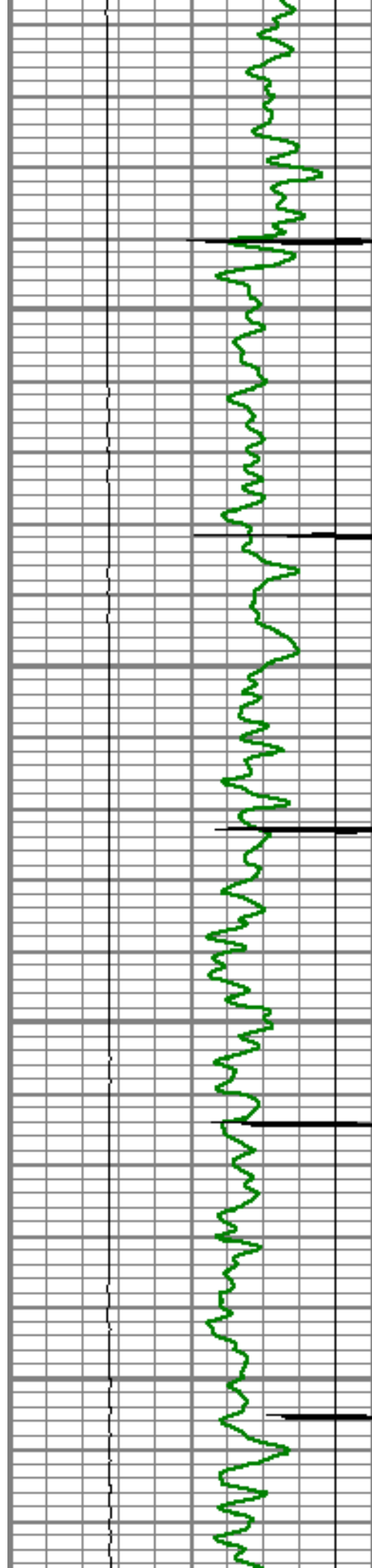
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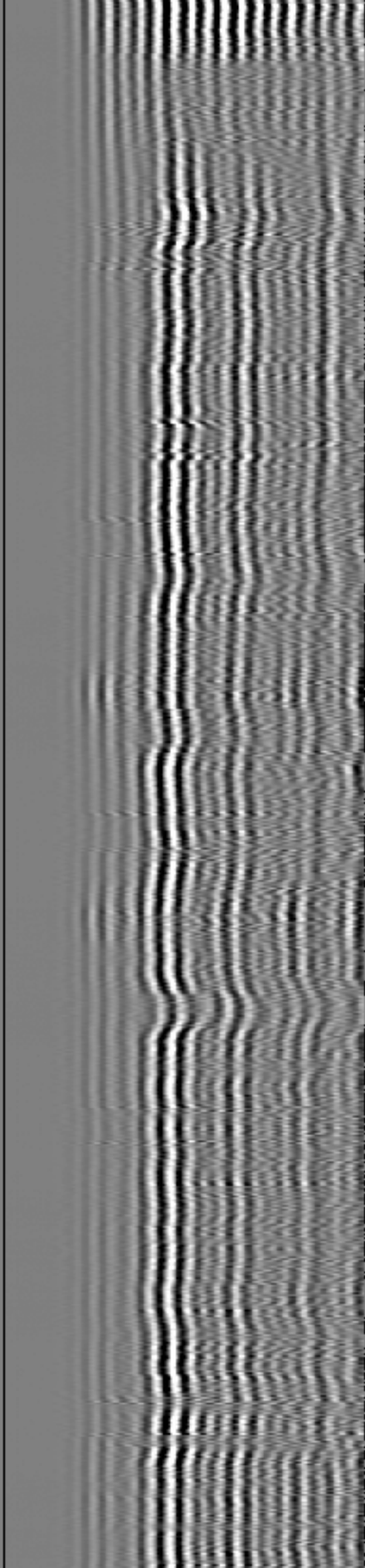
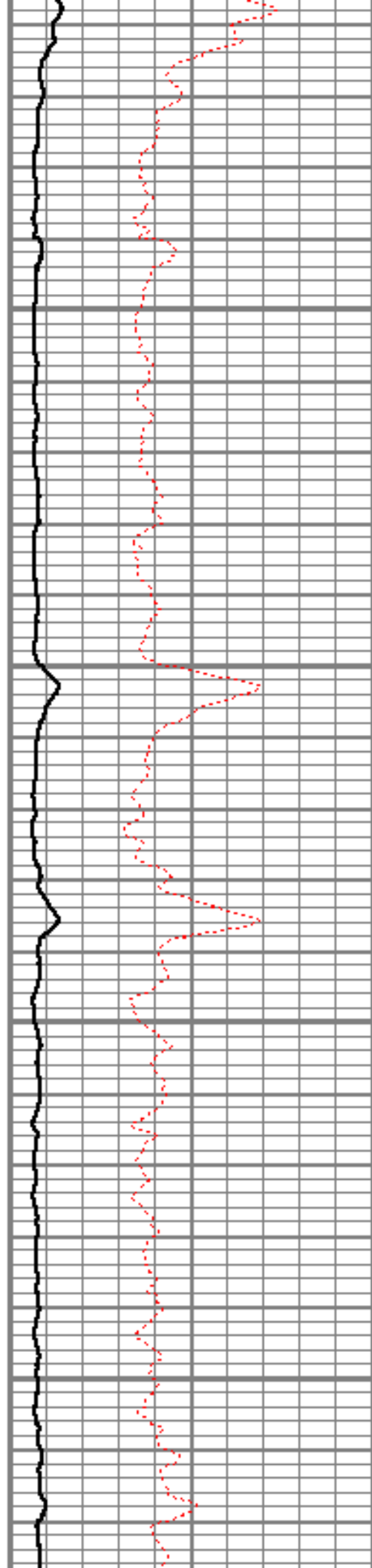


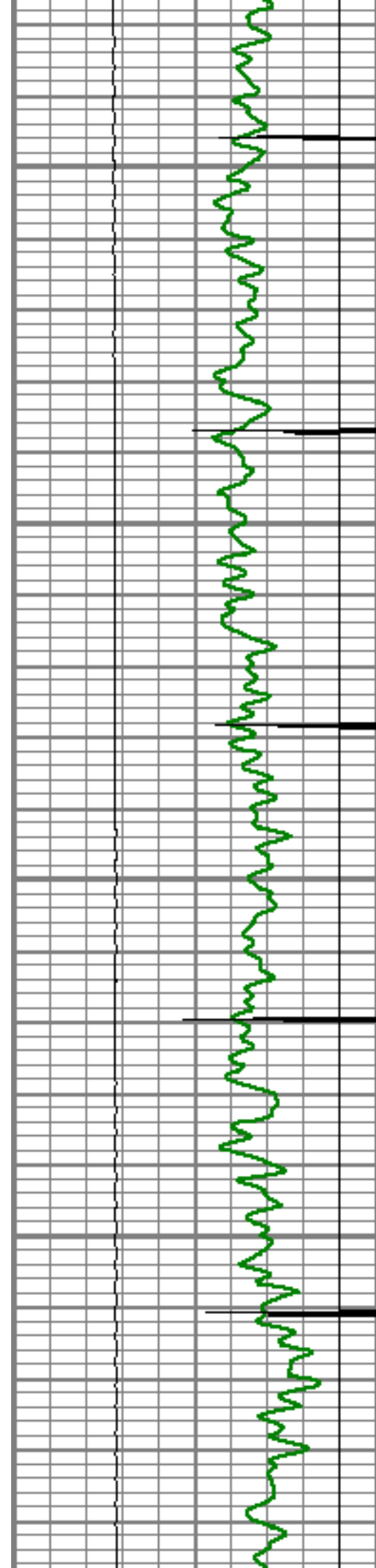
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7200



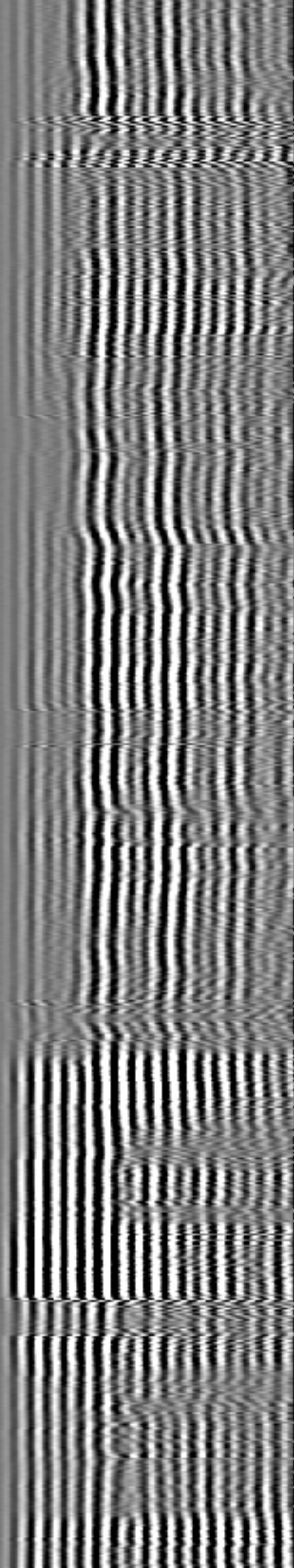
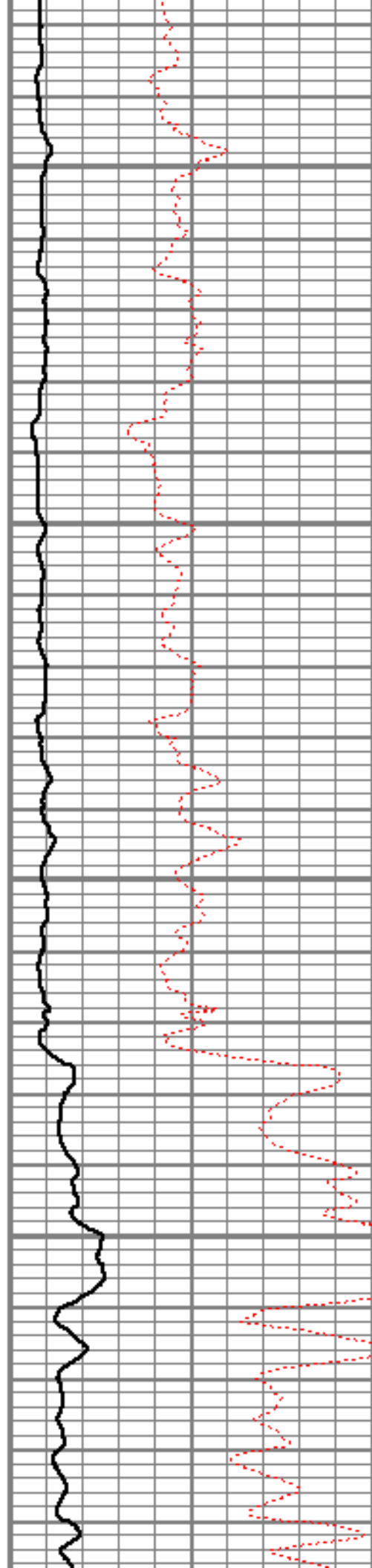


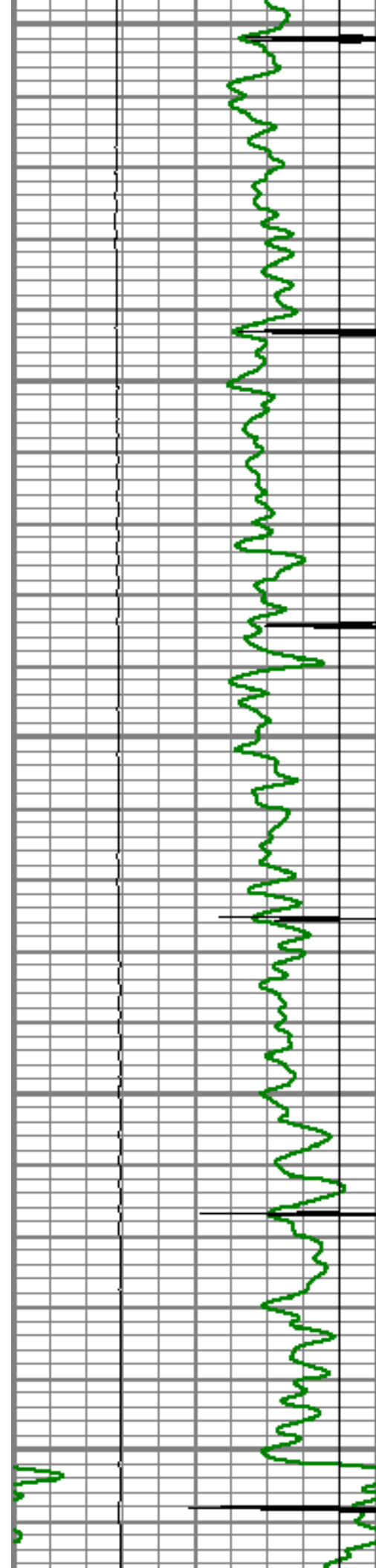
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7400





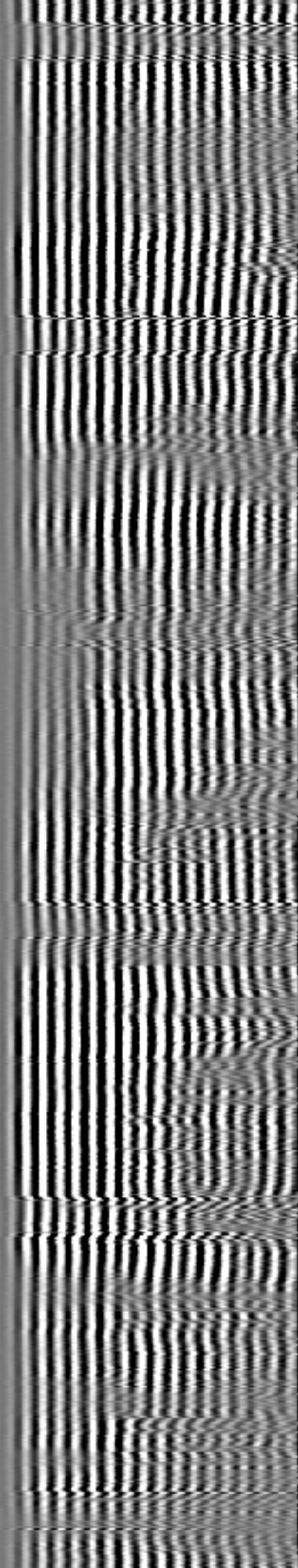
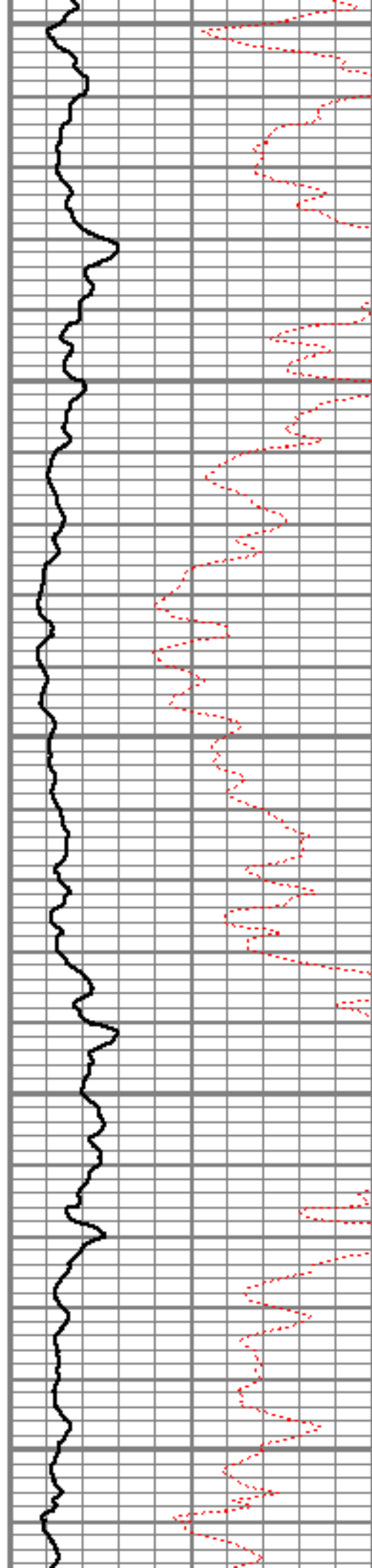
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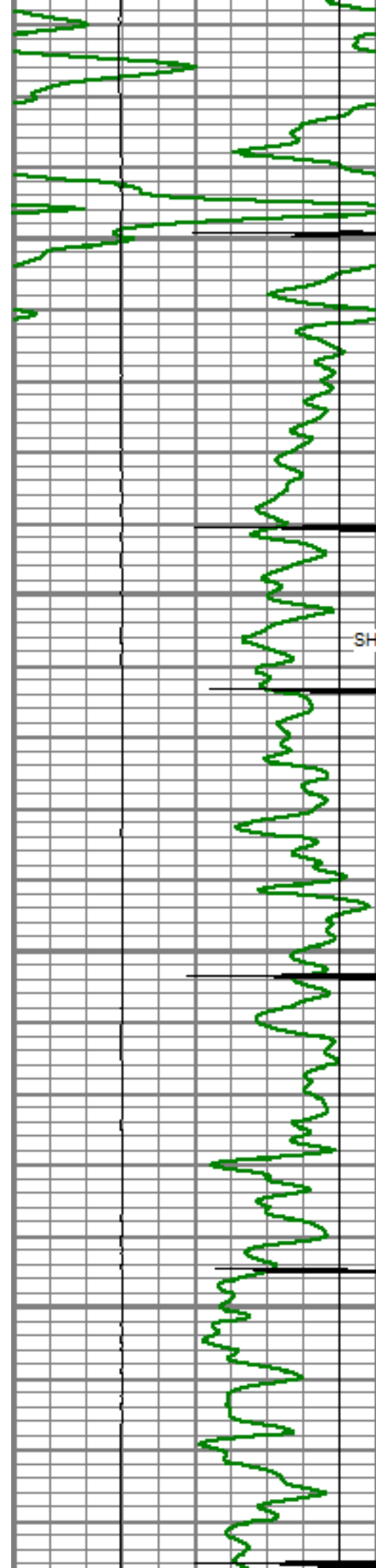
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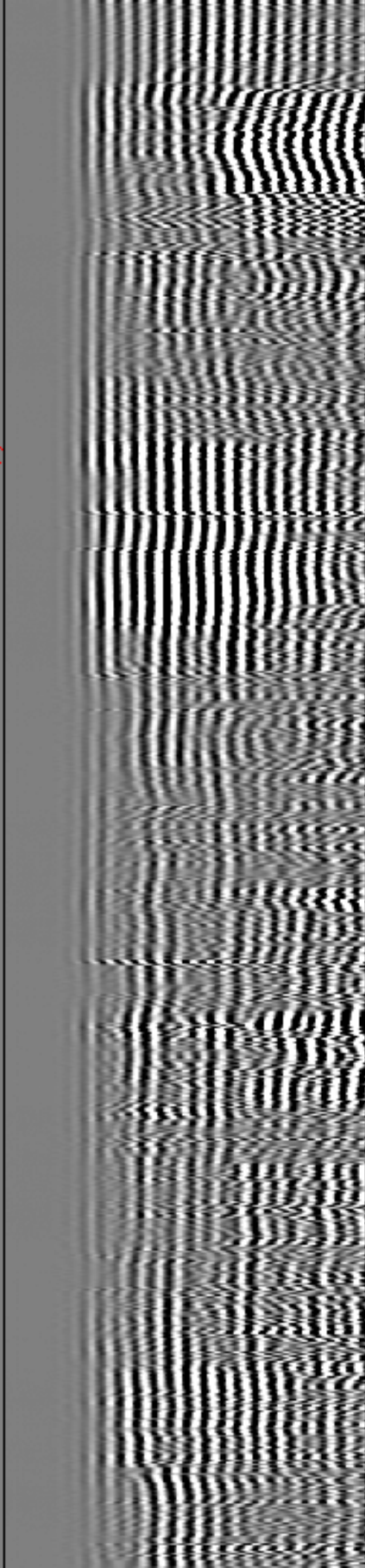
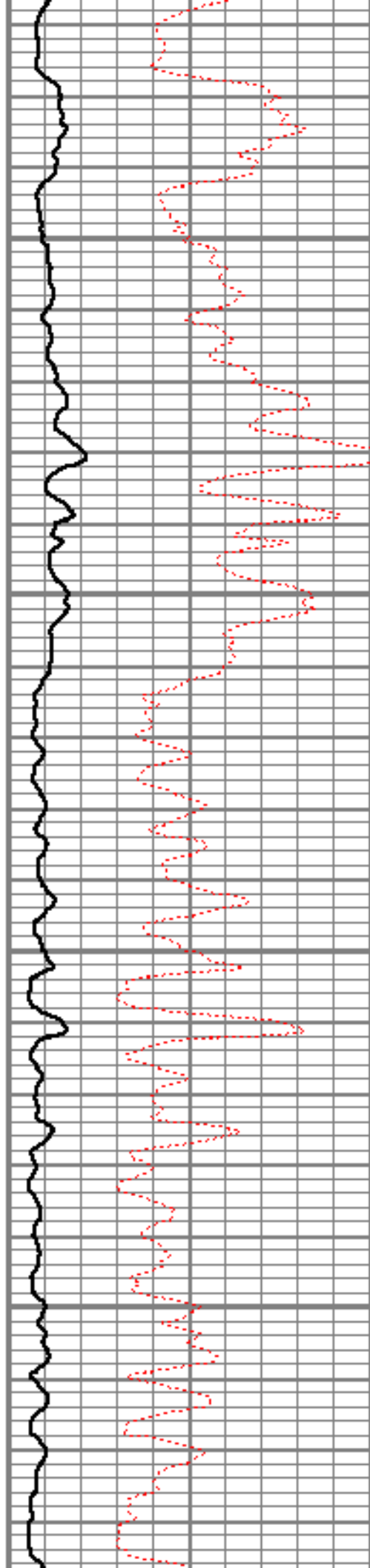
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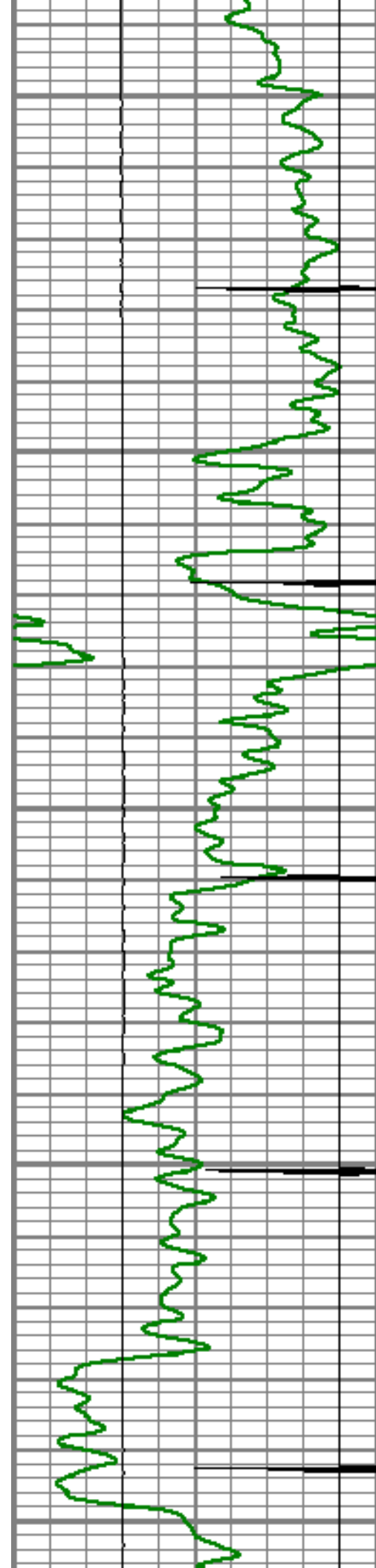
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SHORT JOINT

7800

7850





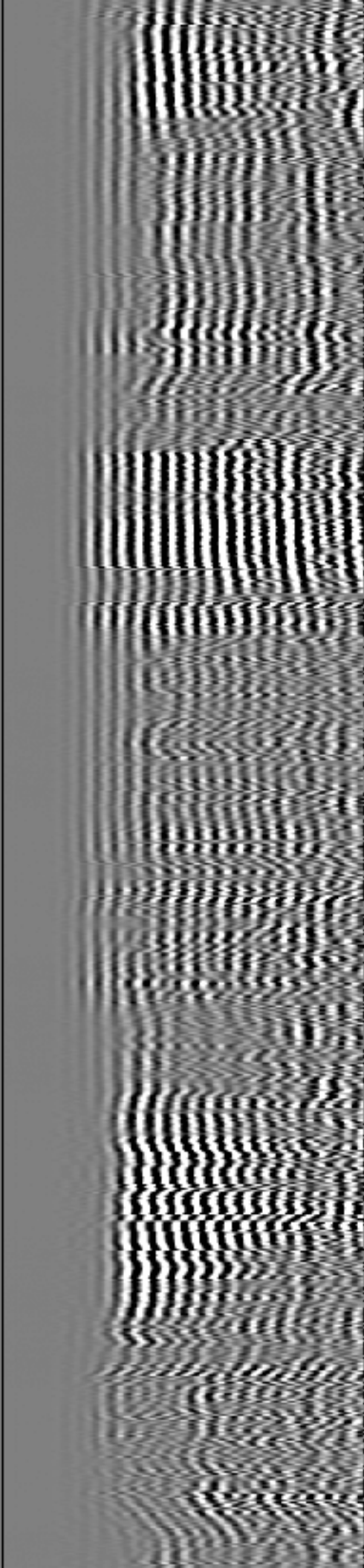
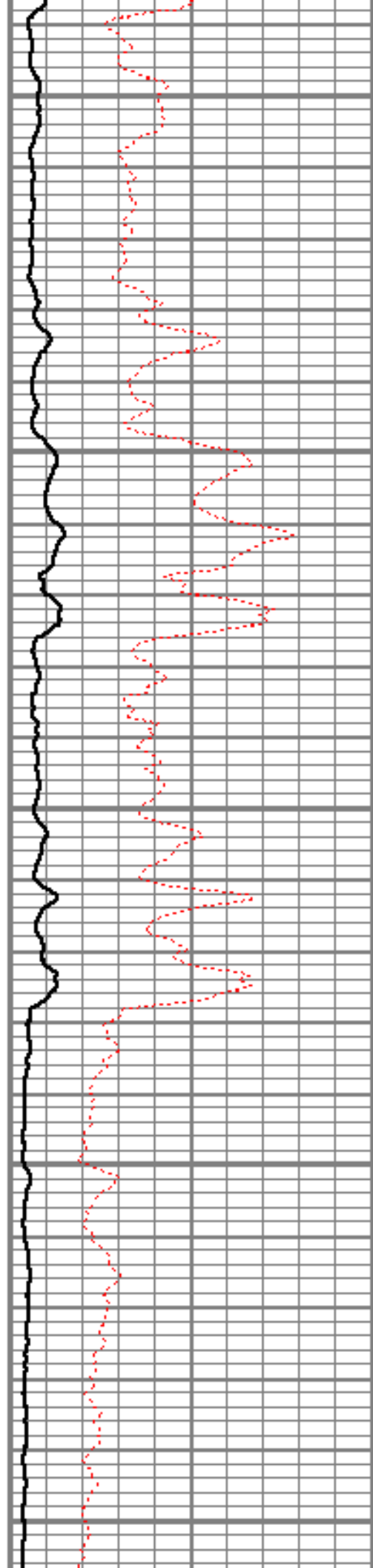
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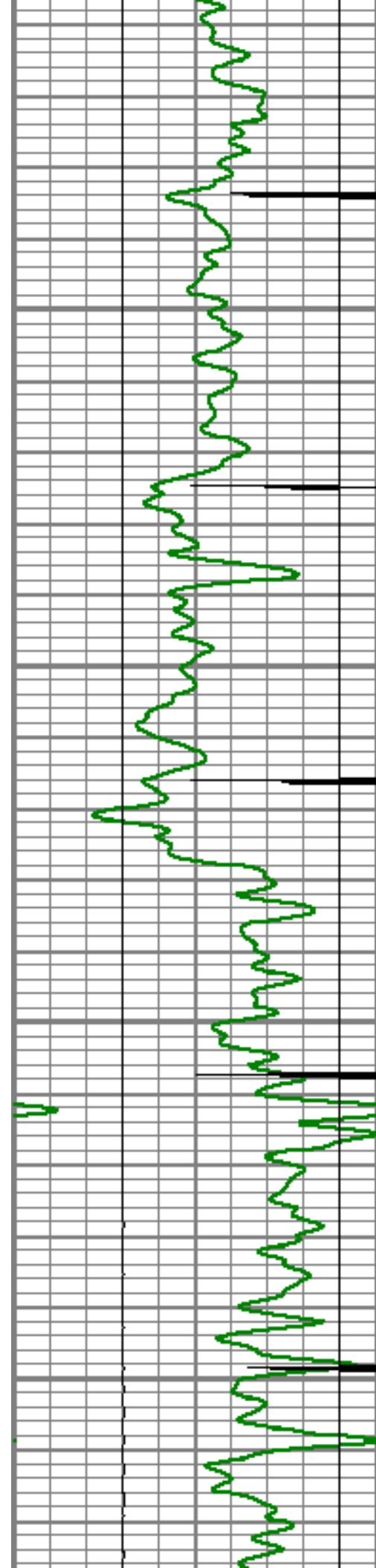
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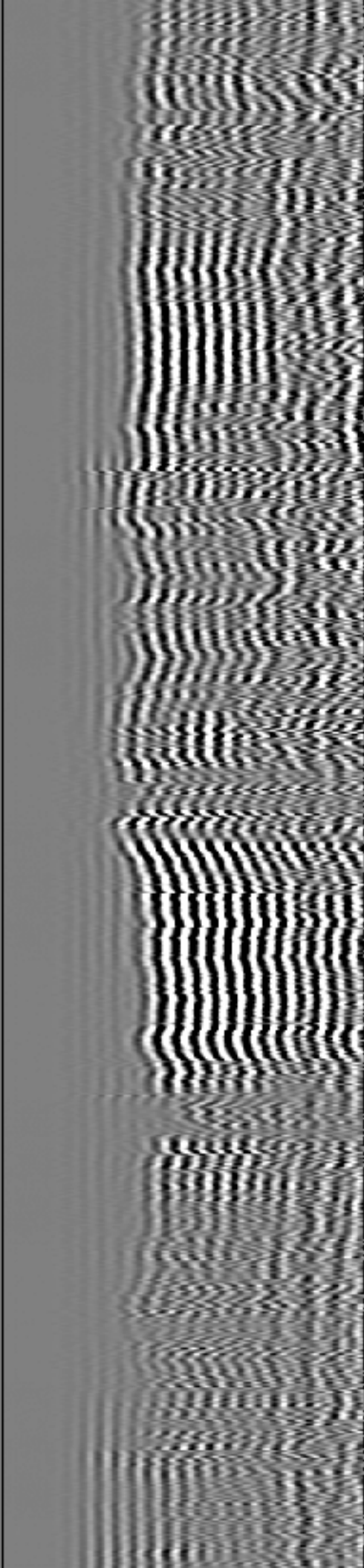
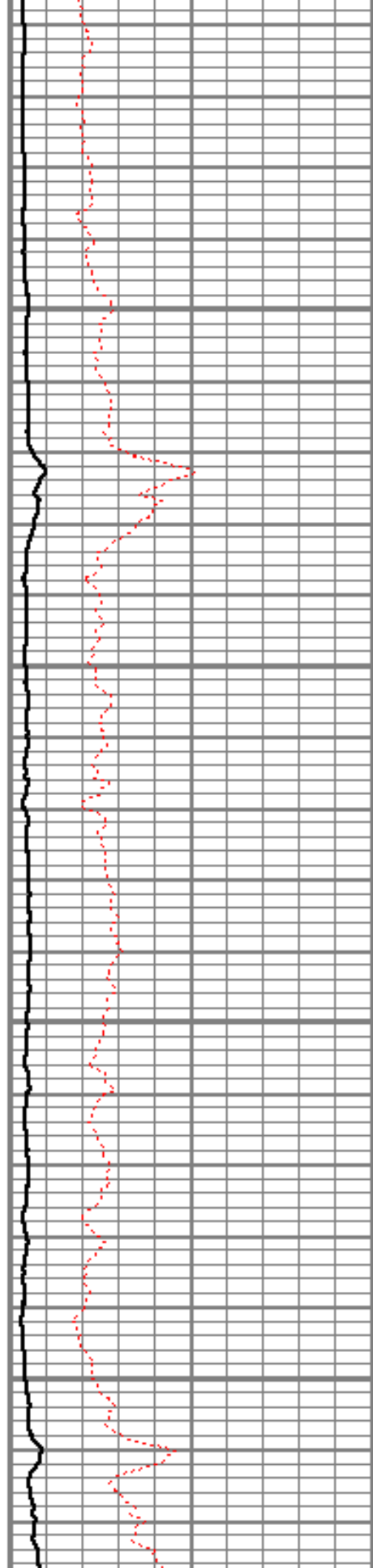


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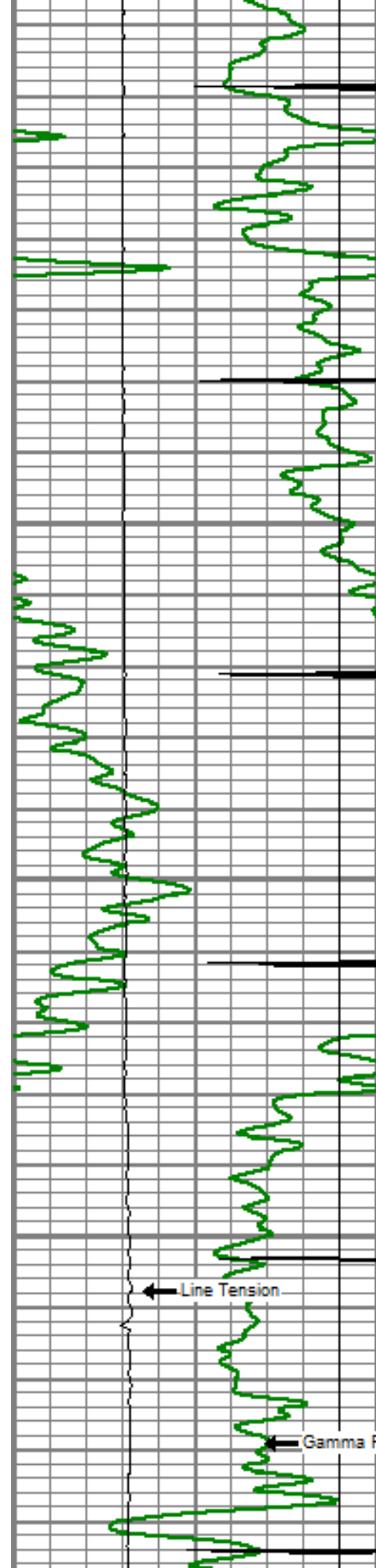
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8300







8350

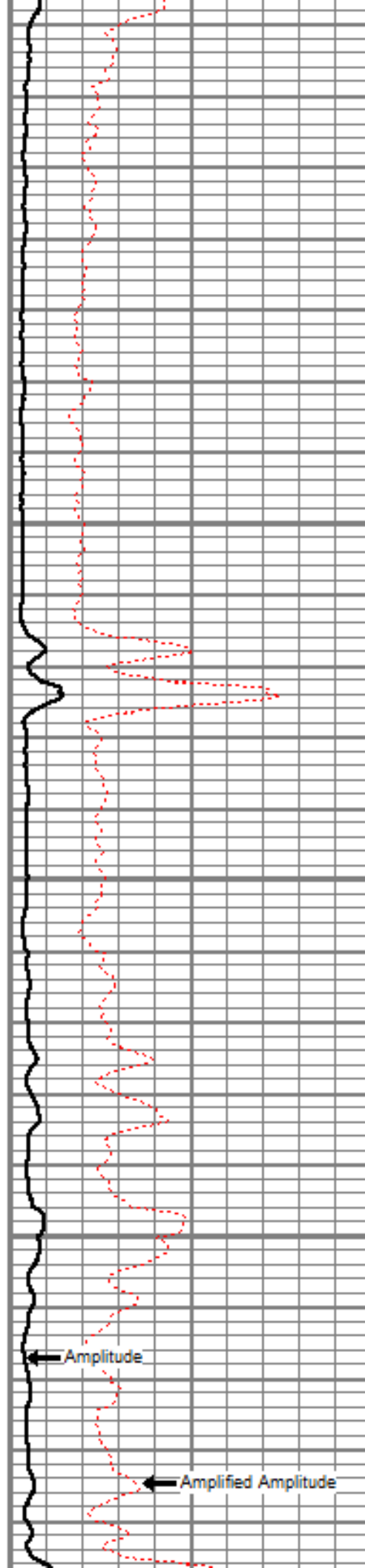
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8500  
CCL

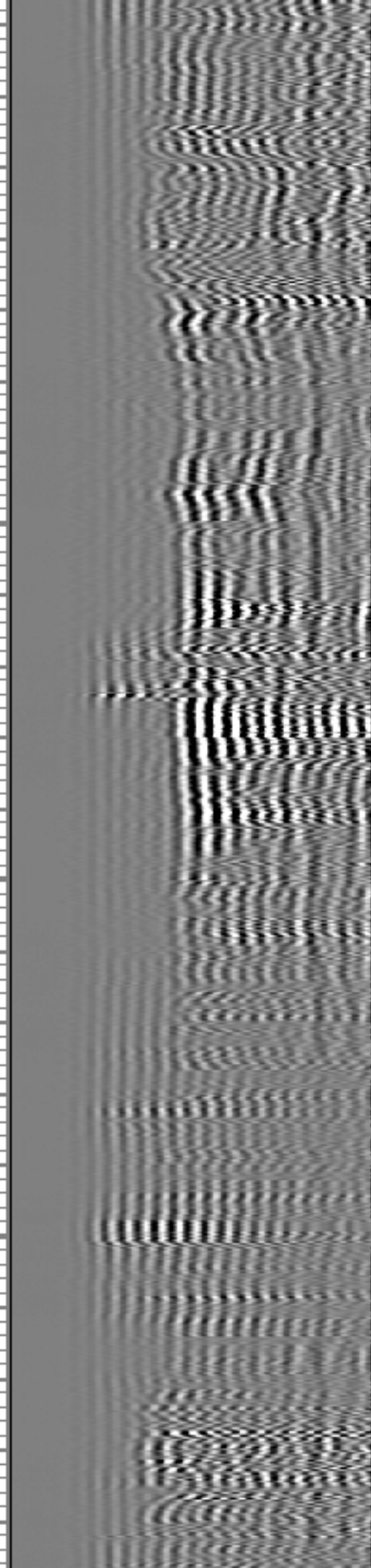
Line Tension

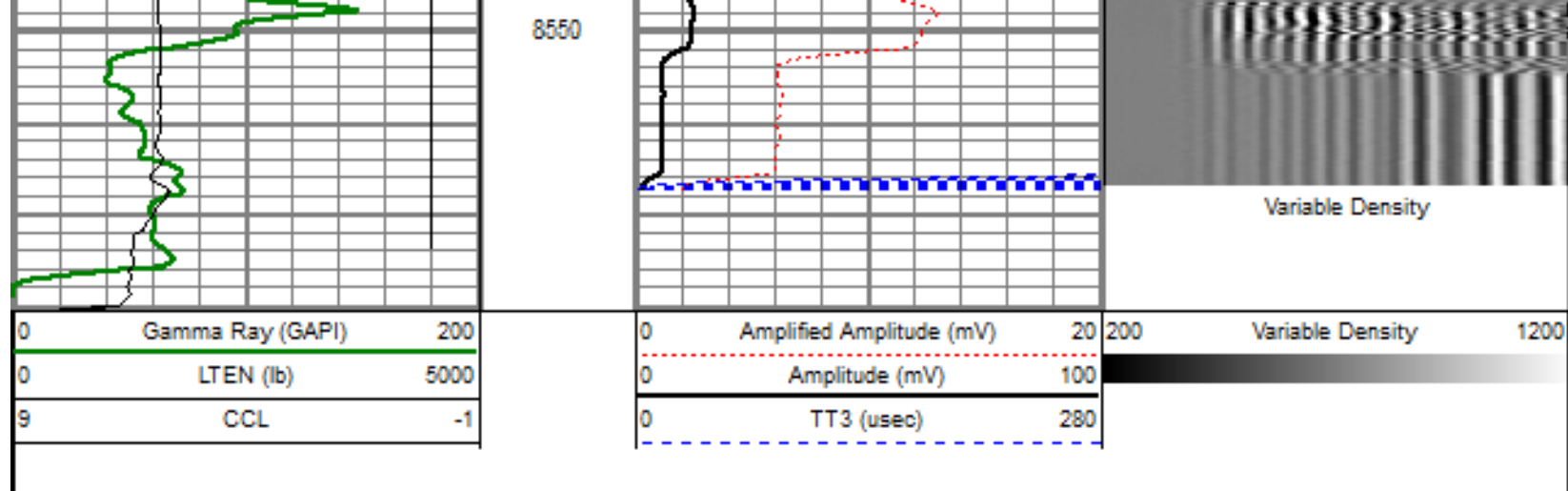
Gamma Ray



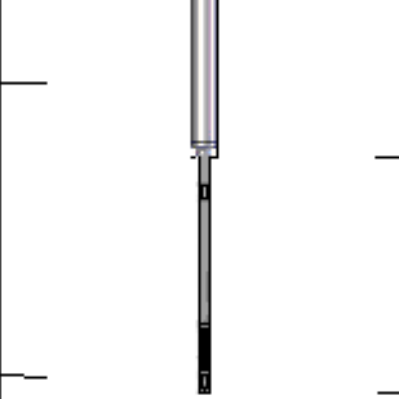
Amplitude

Amplified 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	28.77	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_GRCLL (PRB_GRCLL_275_01 4.54) Probe 2.75" 4-Channel Pulse	4.54	2.75	30.00

GR	3.77		Probe 2.75 4 Channel Pulse			
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_0) Positive pulse Temp tool	2.88	1.38	15.00
Dataset: cosslett 8-2-22.db: field/well/run1/pass4.1 Total Length: 22.96 ft Total Weight: 126.50 lb O.D. 2.75 in						

	Company	ENCANA OIL & GAS (USA) INC.
	Well	COSSLETT 8-2-22
	Field	WATTENBERG
	County	WELD
	State	COLORADO