

CEMENT BOND LOG



Company GREAT WESTERN OIL & GAS LLC.		Company GREAT WESTERN OIL & GAS LLC.	
Well CAMPBELL JF 17-7D		Well CAMPBELL JF 17-7D	
Field WATTENBERG		Field WATTENBERG	
County WELD		County WELD	
State COLORADO		State COLORADO	
Location: 1513' FNL & 1450' FEL SWNE 1295' FNL & 1327' FEL NWNE SEC: 17 TWP: 2N RGE: 68W		API #: 05-123-36807-0000 Other Services: NONE	
Permanent Datum GROUND LEVEL Elevation 4916'		Elevation	
Log Measured From KELLY BUSHING = 14'		K.B. 4930'	
Drilling Measured From KELLY BUSHING		D.F. 4929'	
		G.L. 4916'	

Date	26 APRIL 2013									
Run Number	ONE									
Depth Driller	7444'									
Depth Logger	7345'									
Bottom Logged Interval	7347'									
Top Log Interval	2000'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.34 LBS/GAL									
Max. Recorded Temp.	252 DegF									
Estimated Cement Top	2550'									
Time Well Ready	ROA									
Time Logger on Bottom	10:30 A.M.									
Equipment Number	10801W / PB01									
Location	AULT, CO									
Recorded By	B. MAYNARICH									
Witnessed By	S. ARMSTRONG									
Borehole Record					Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To			
ONE	12.25"	0	943'	N/A						
TWO	7.875"	0	7444'							
Casing Record	Size	Wgt/Ft	Top	Bottom						
Surface String	8.625"	24#	0	943'						
Prot. String										
Production String	4.5"	11.6#	0	TD						
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 9 APRIL 2013. CBL WAS RAN WITH 3000 PSI ON THE WELL.

SHORT JOINT: 6785' - 6798'
7050' - 7062'

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



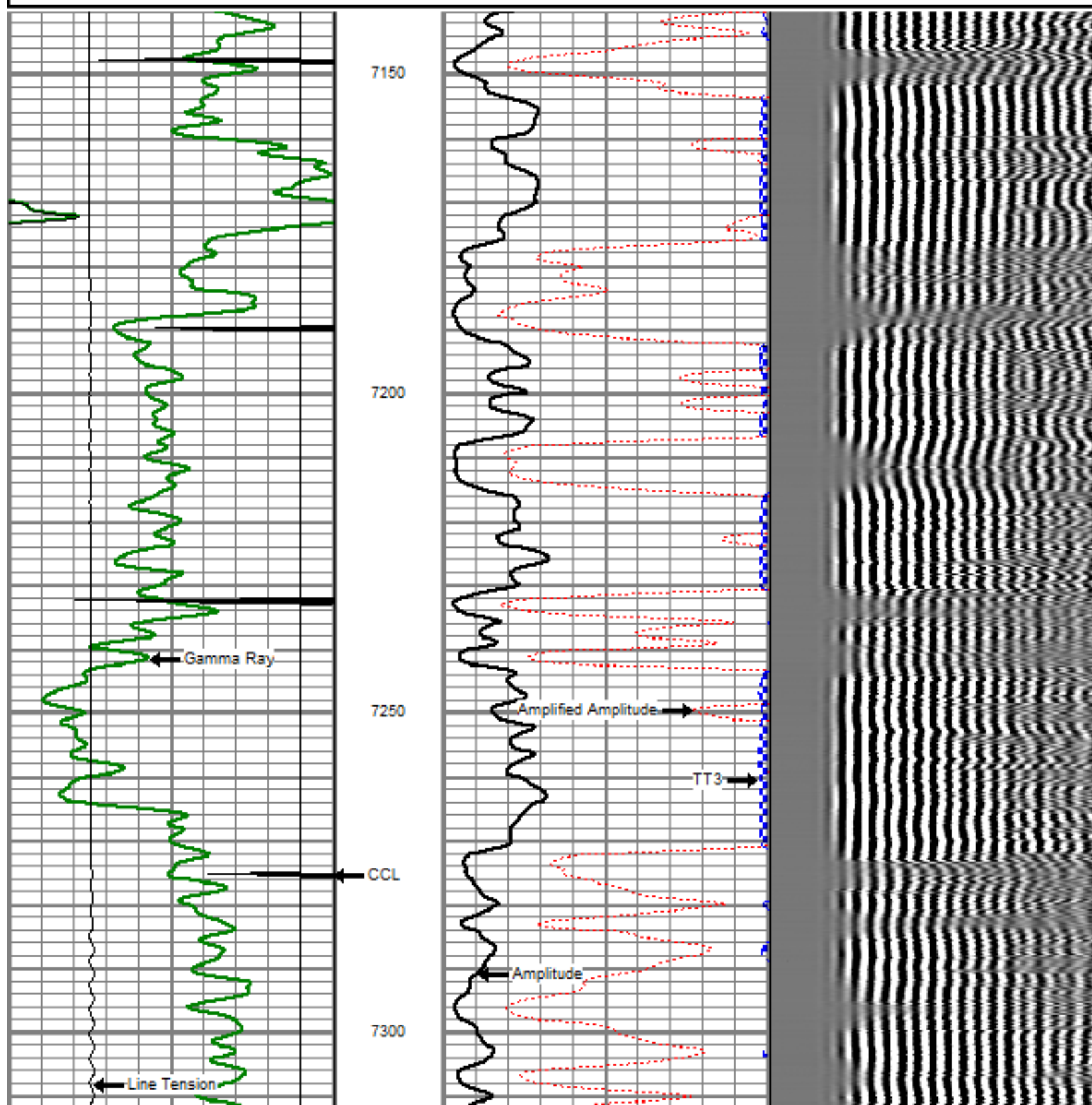
REPEAT PASS - 1000 PSI ON WELL

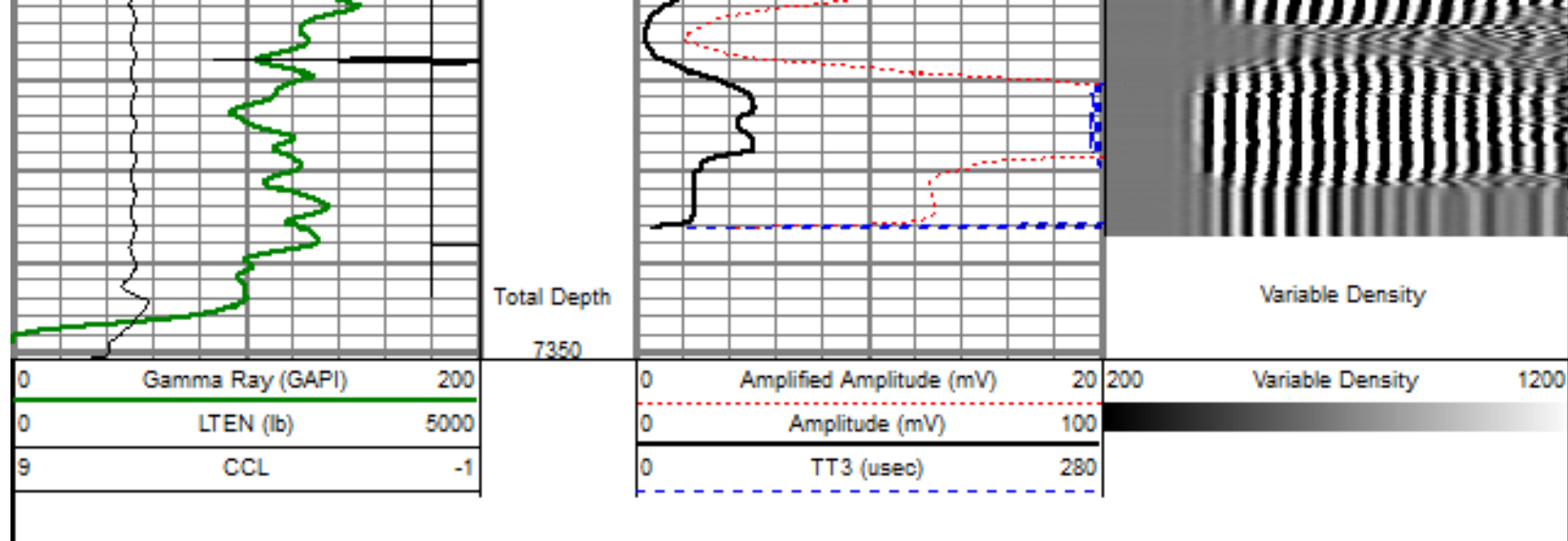
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Dataset Pathname: pass6
Presentation Format: dobl_prb
Dataset Creation: Fri Apr 26 10:35:38 2013 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240

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

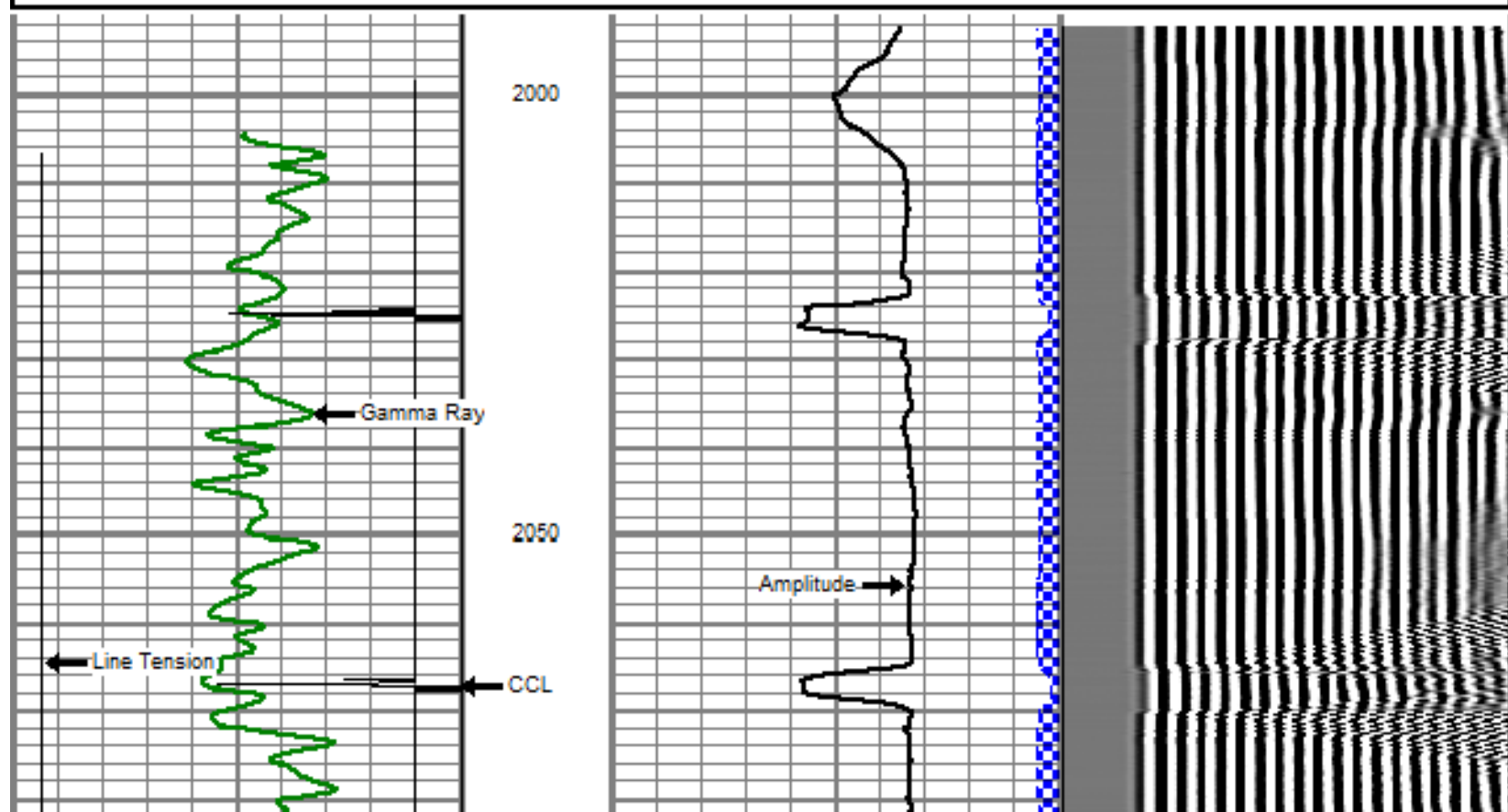
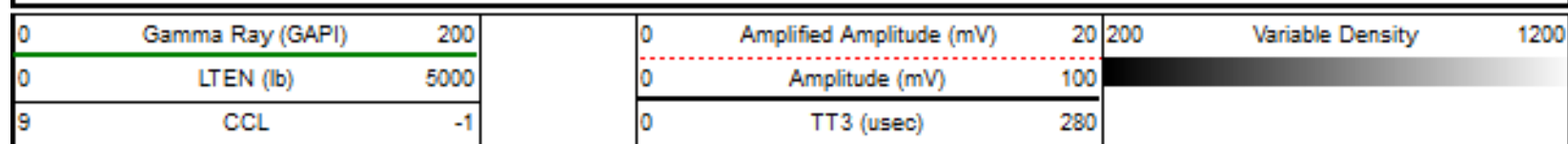


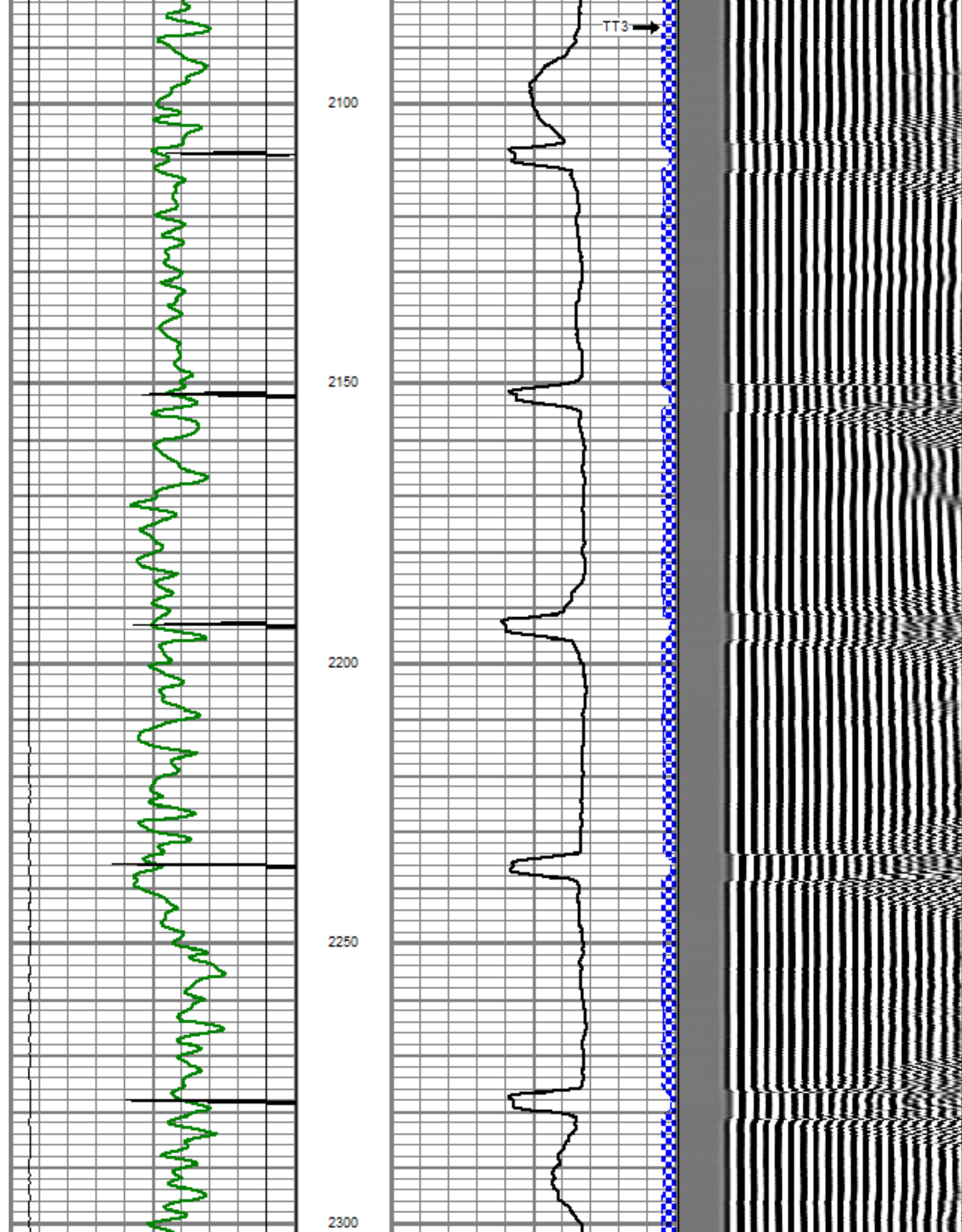


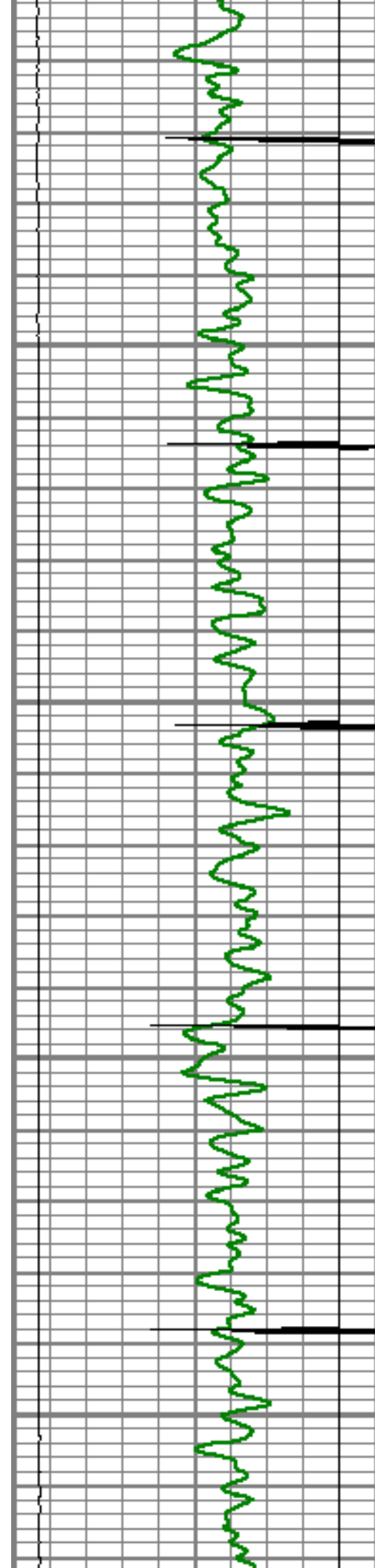
MAIN PASS - 3000 PSI ON THE WELL

5" = 100'

Database File: campbellw2.db
 Dataset Pathname: pass10oh
 Presentation Format: dobl_prb
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 Charted by: Depth in Feet scaled 1:240





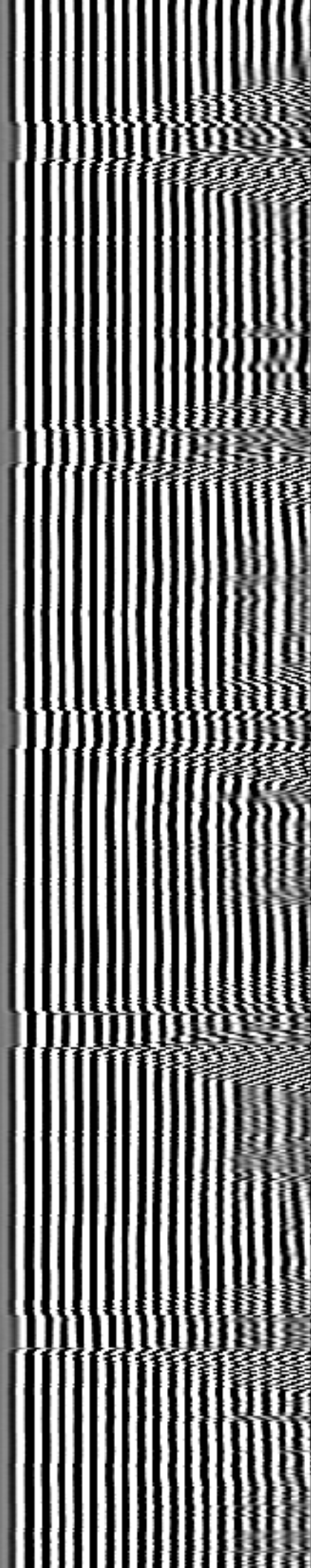
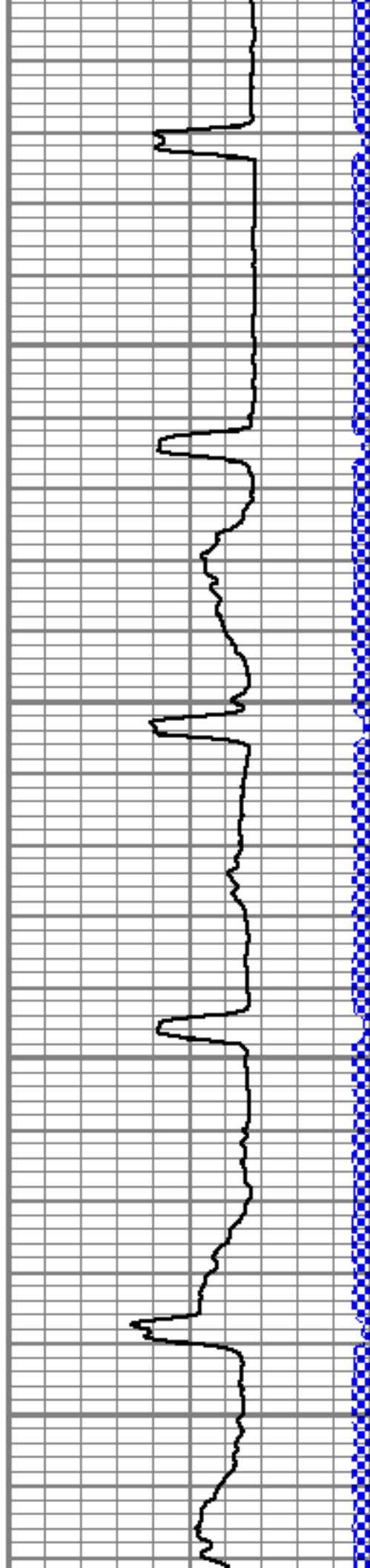


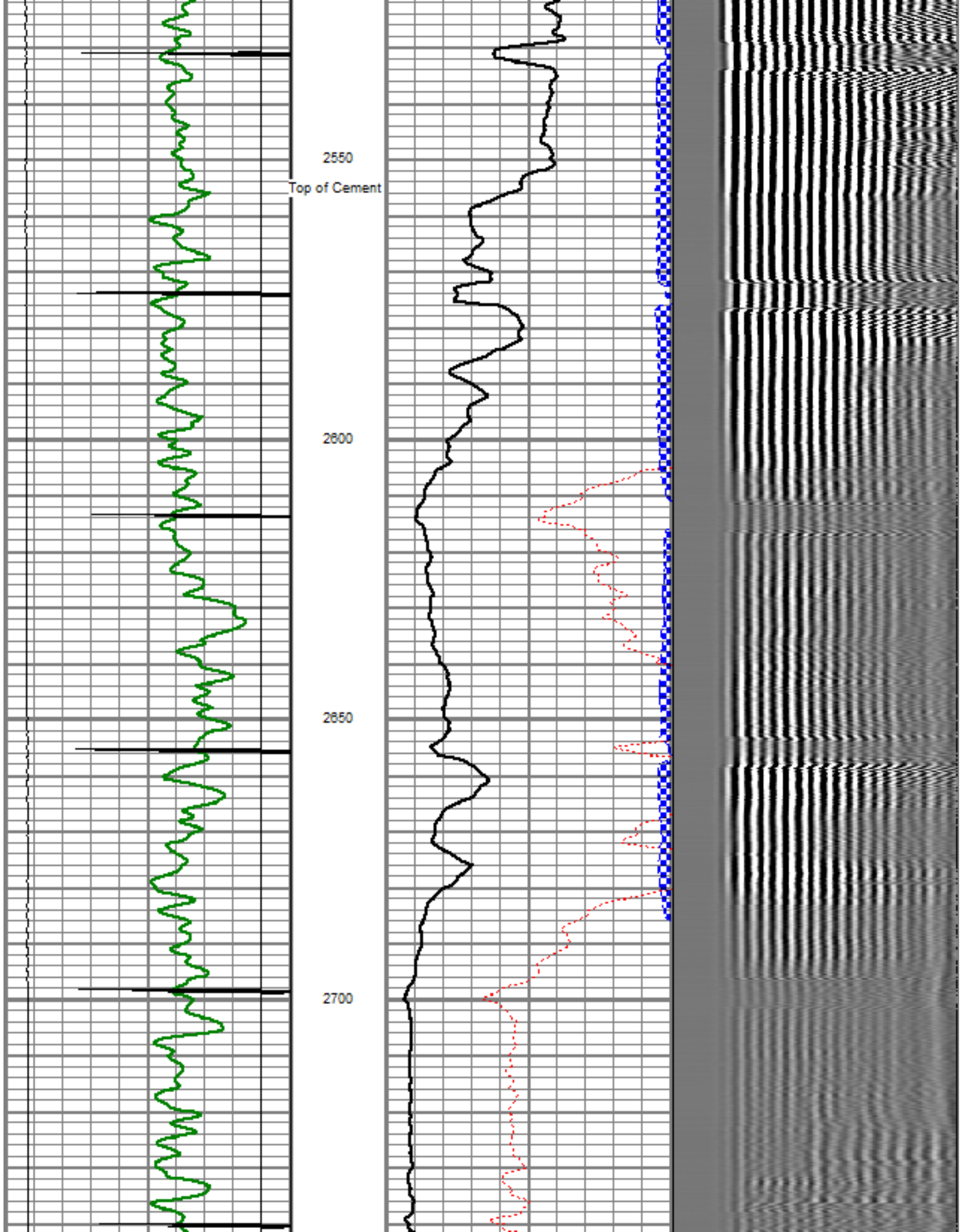
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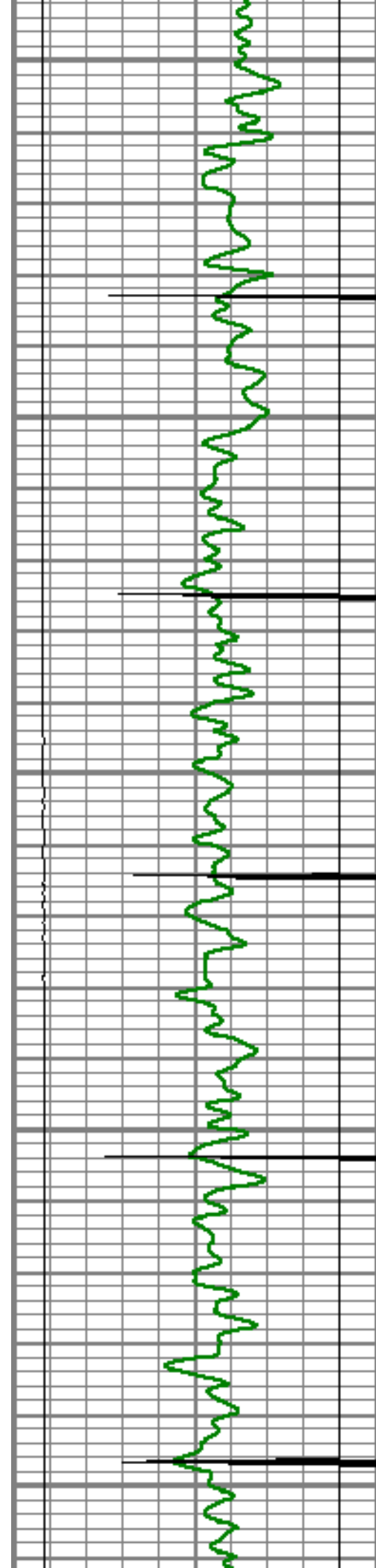
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2450

2500







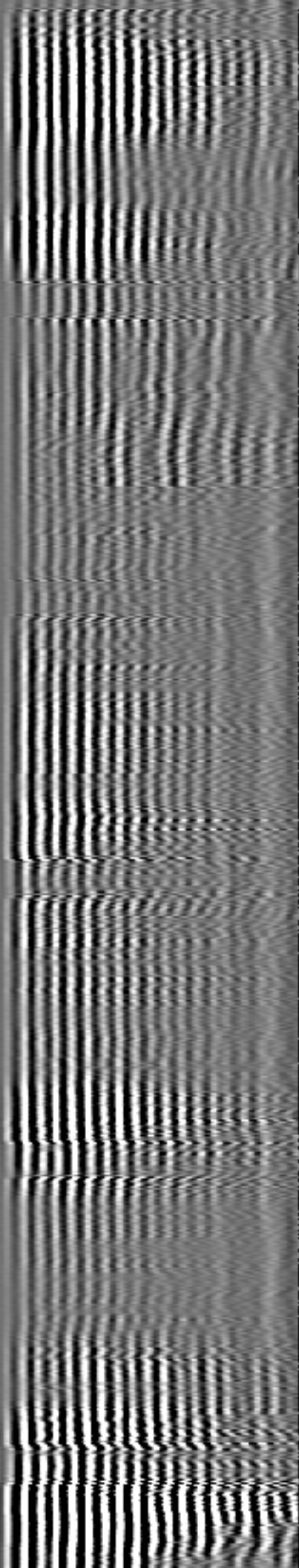
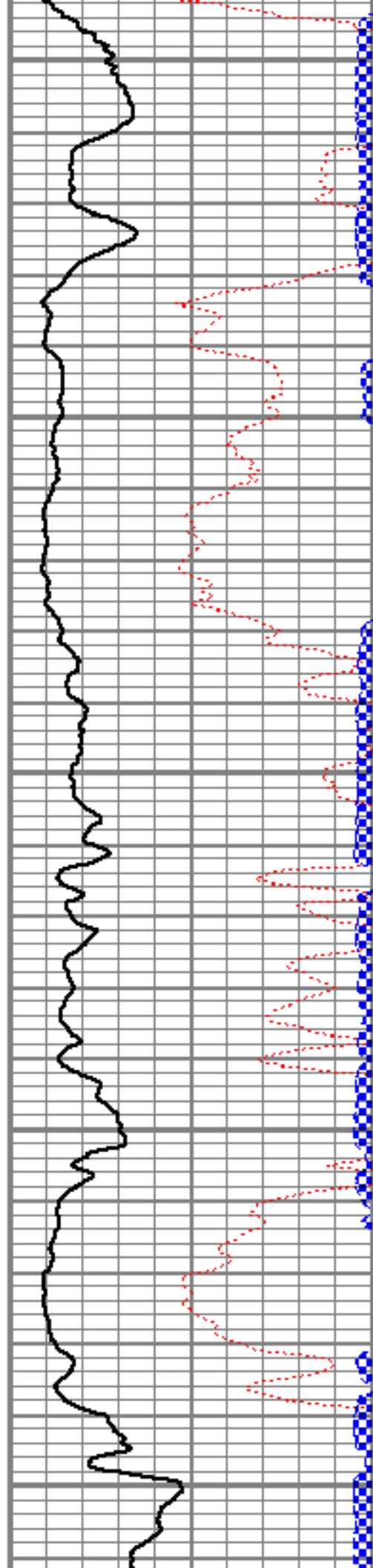
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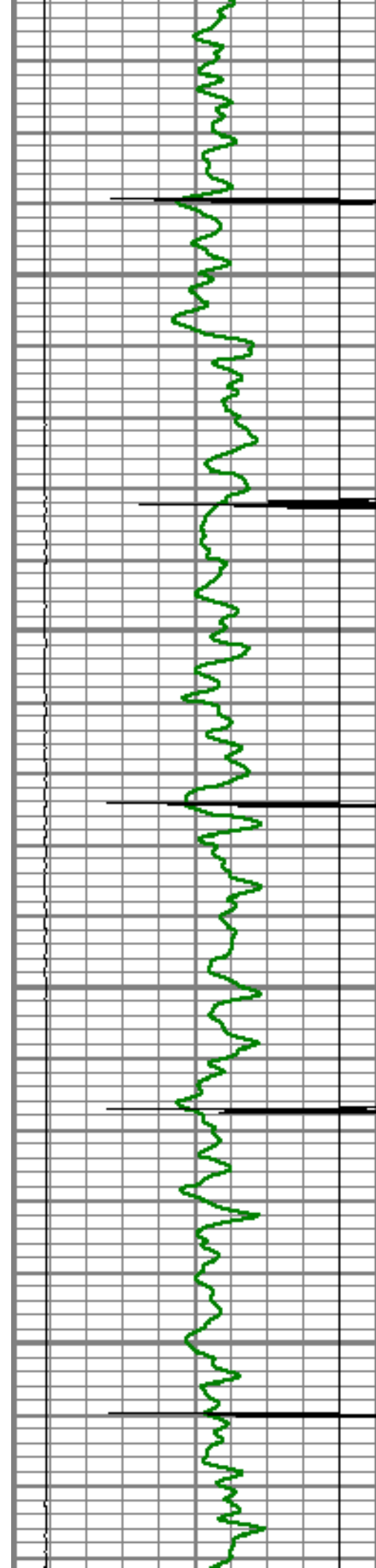
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2900

2950



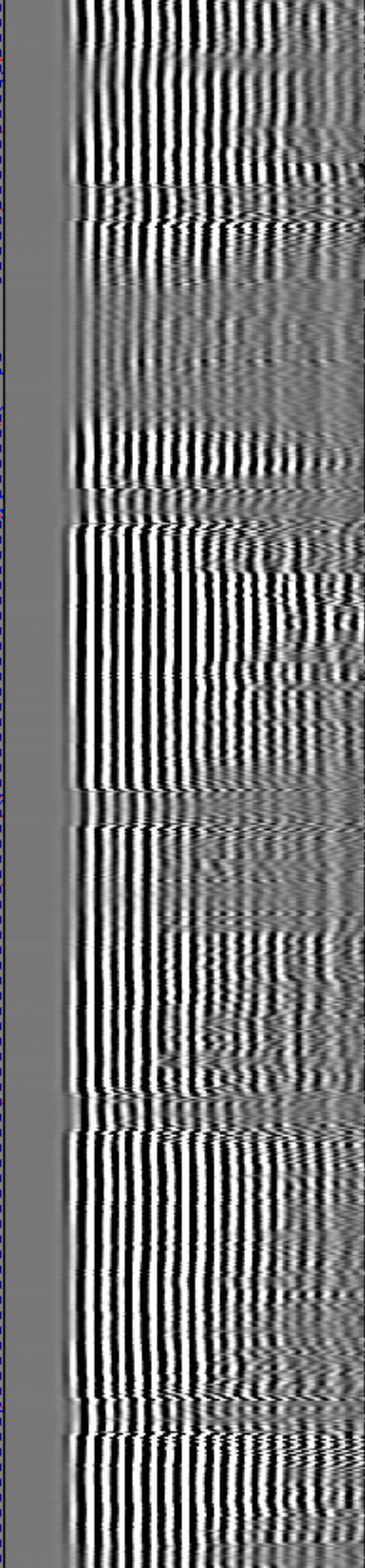
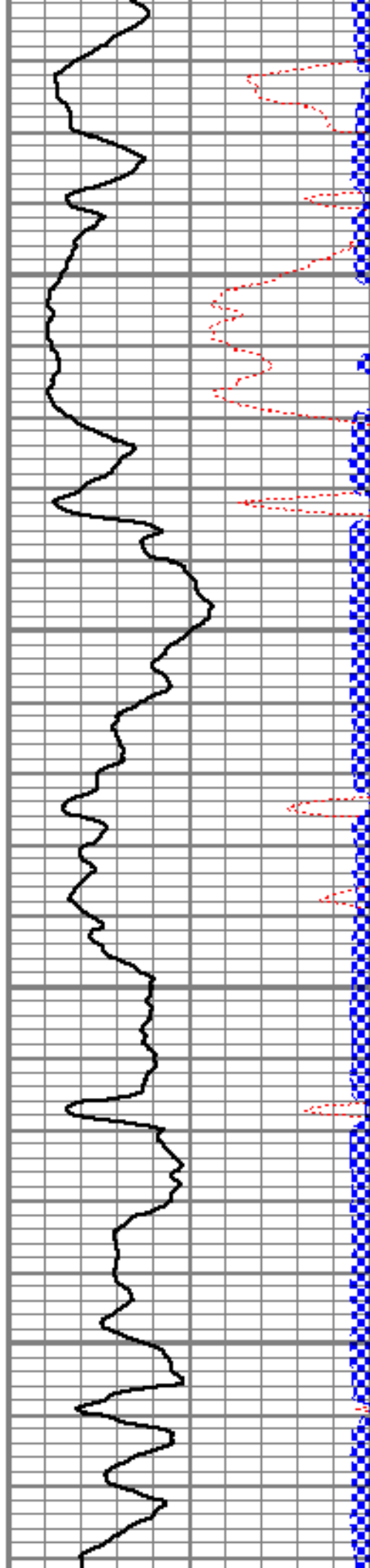


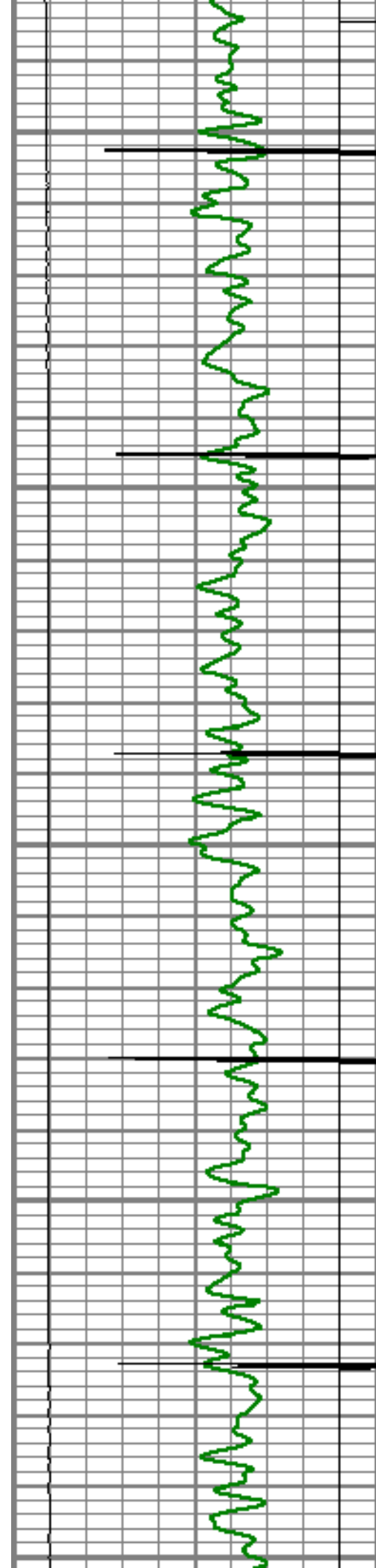
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3050

3100

3150





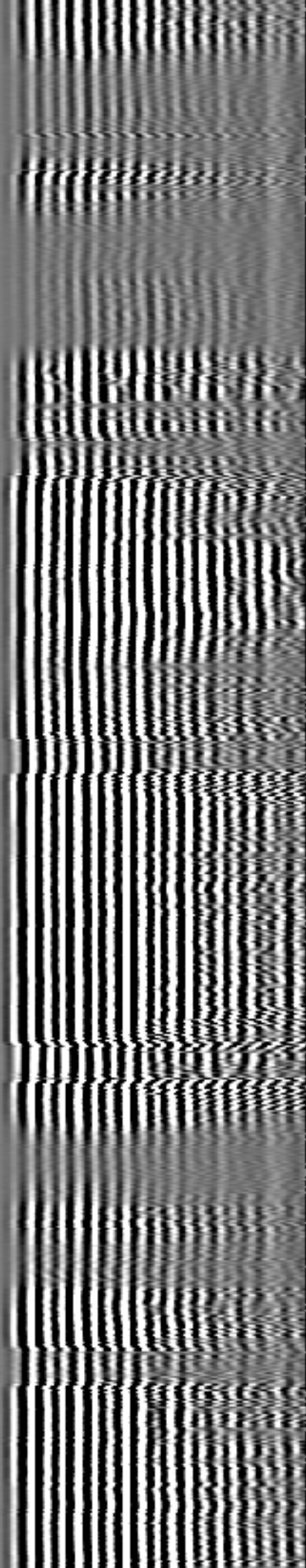
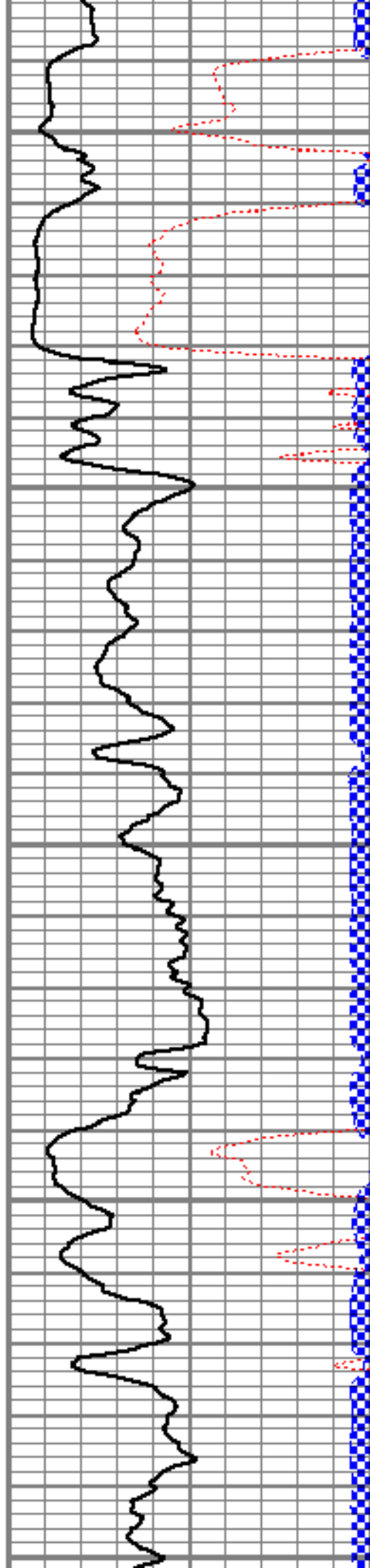
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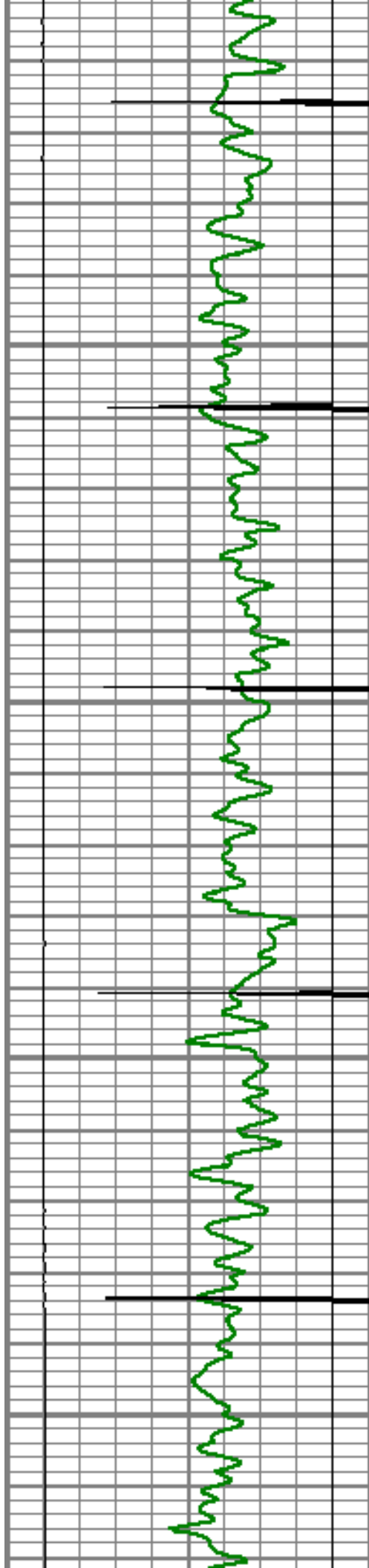
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3300

3350

3400



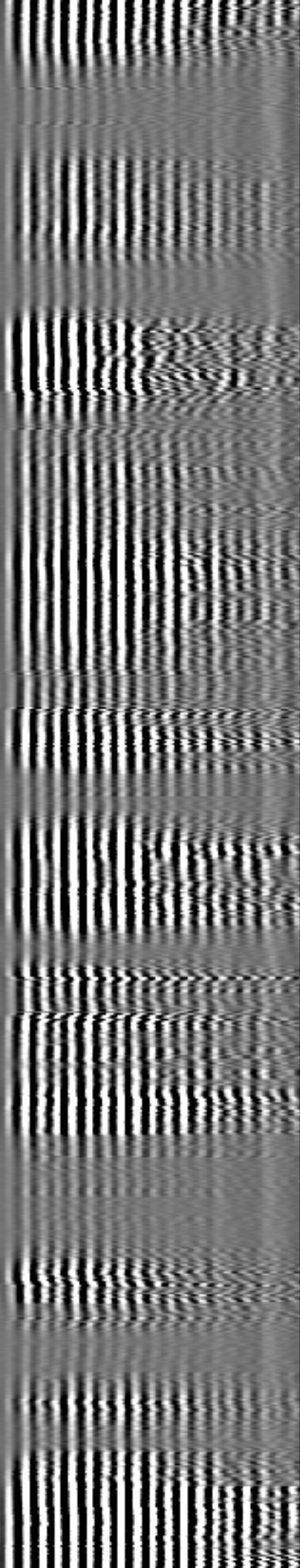
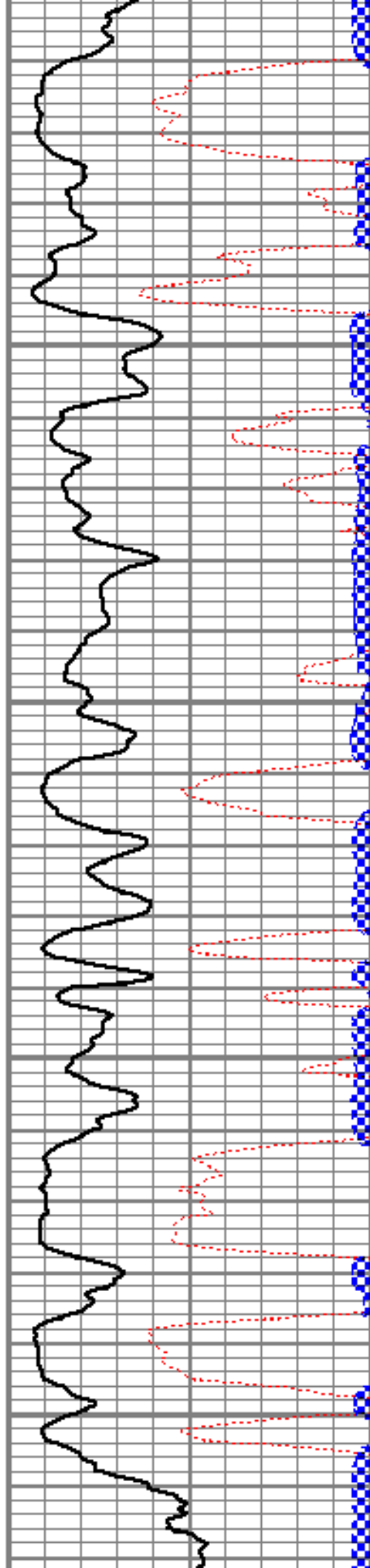


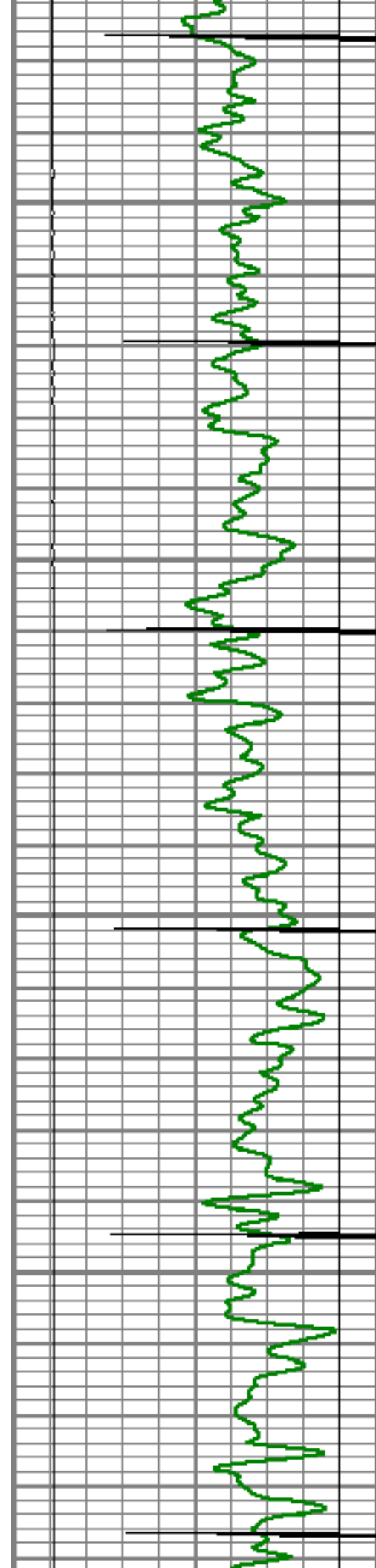
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3600



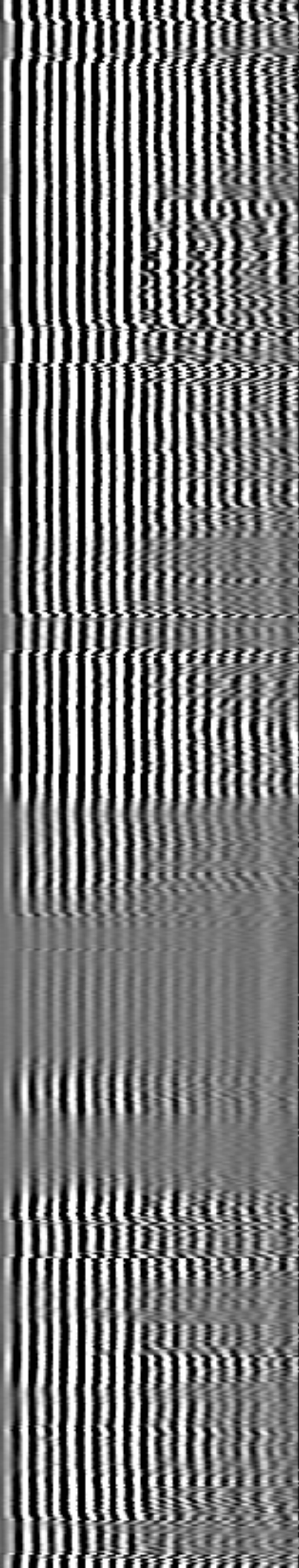
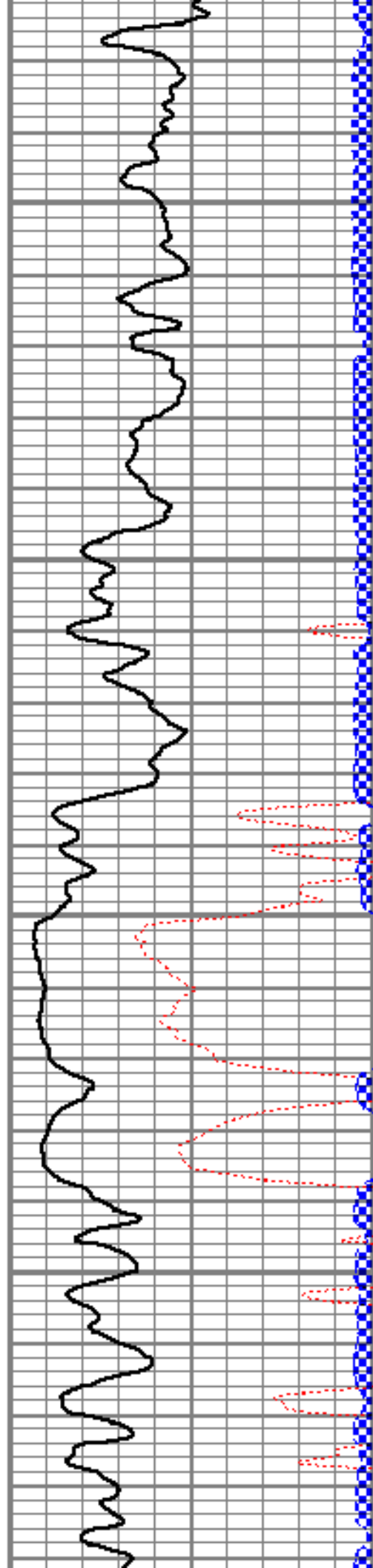


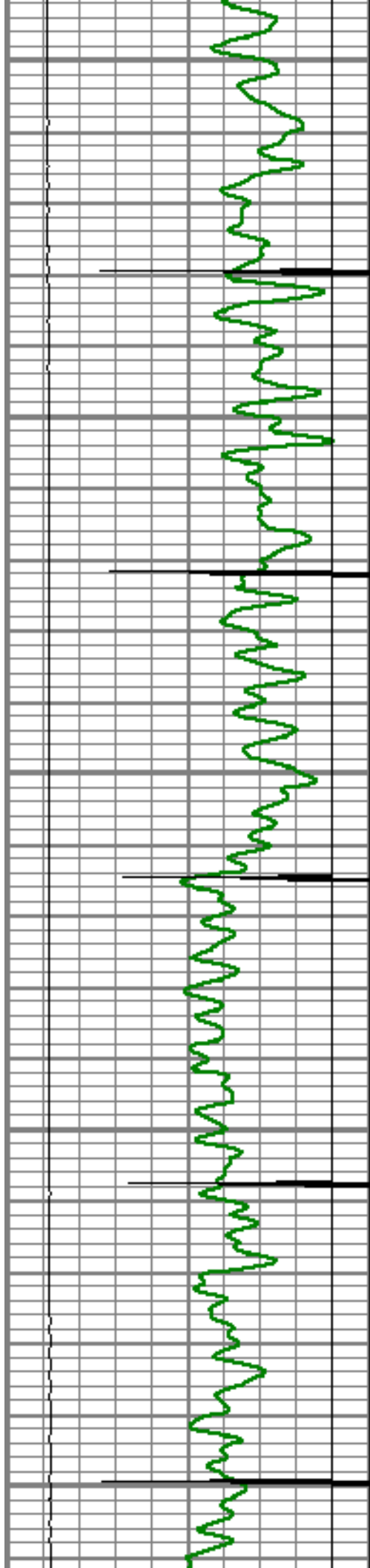
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3800





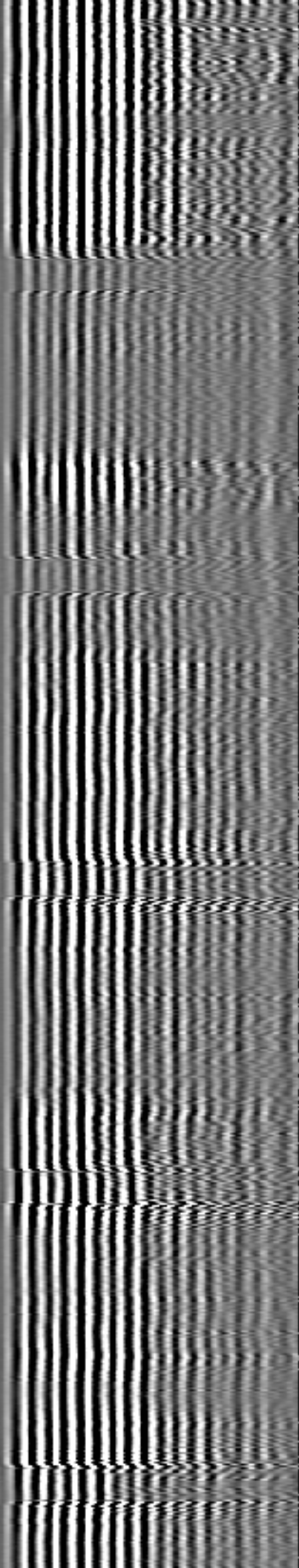
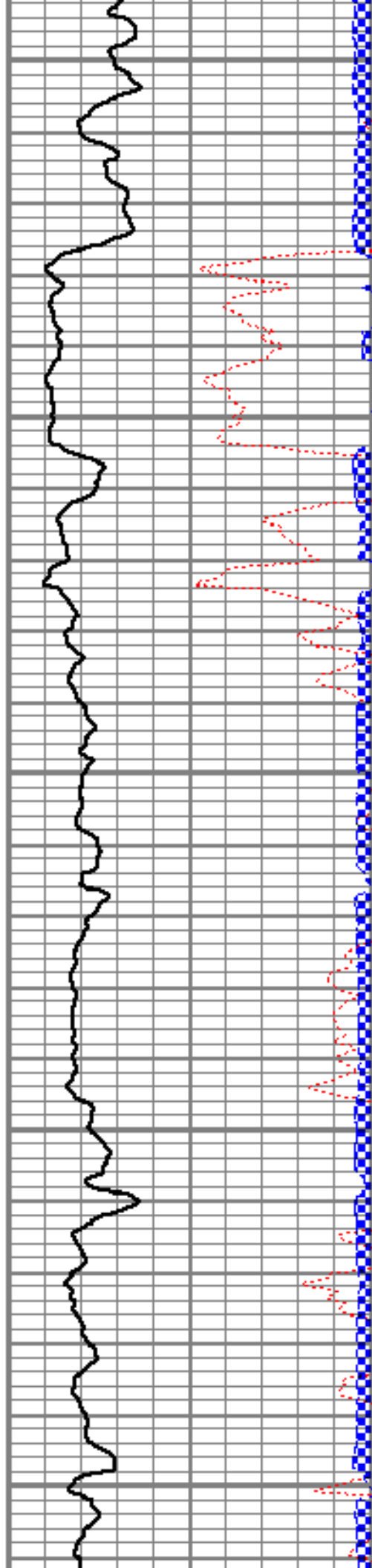
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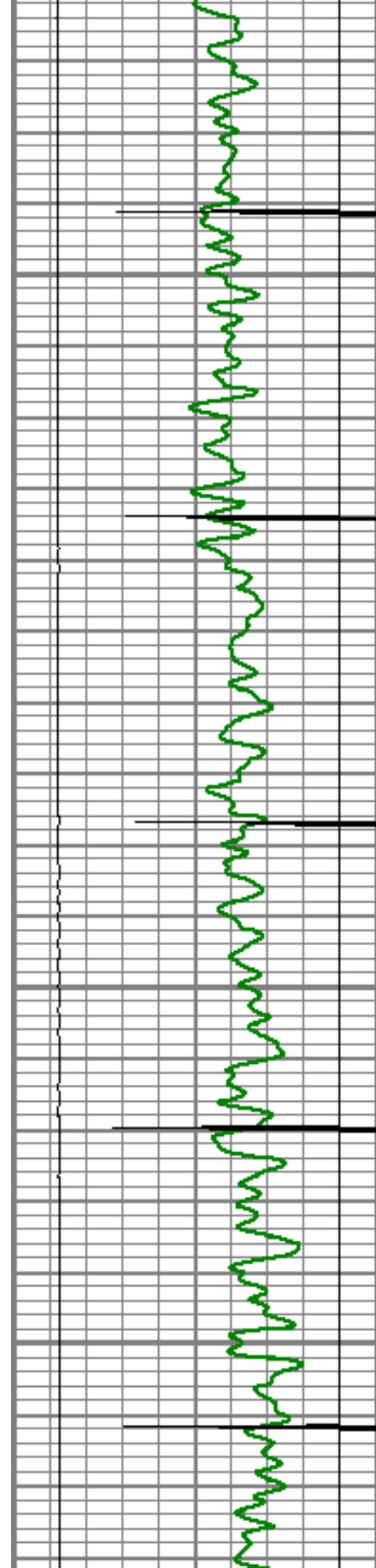
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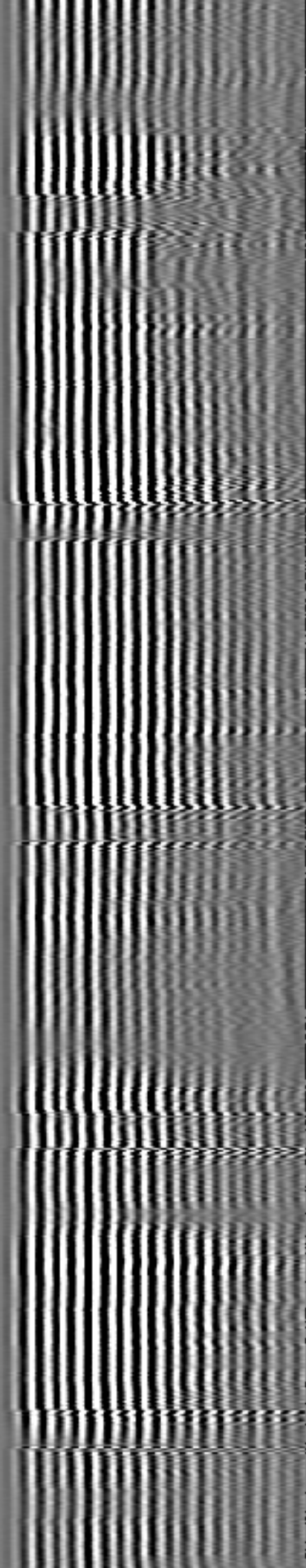
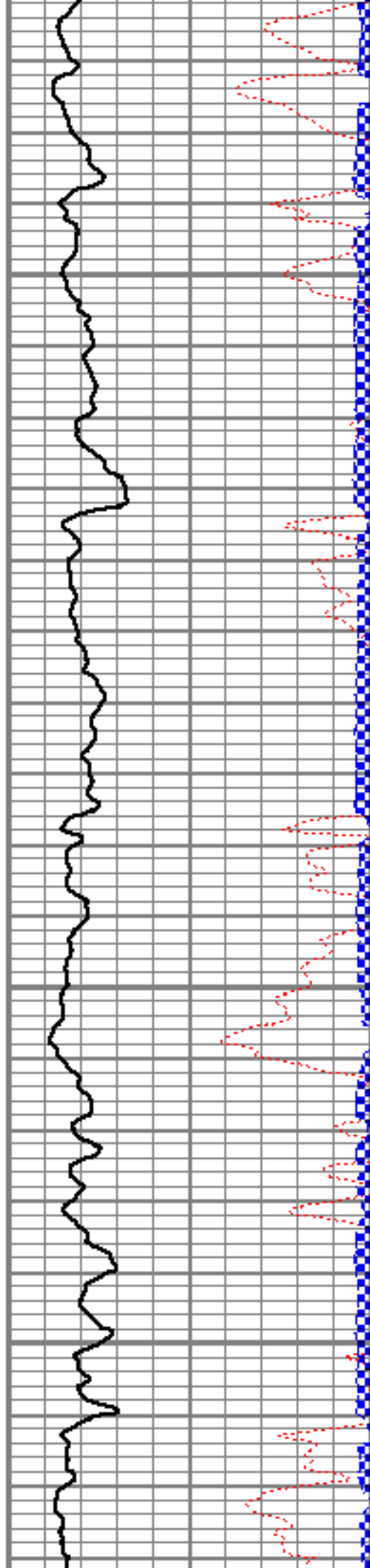


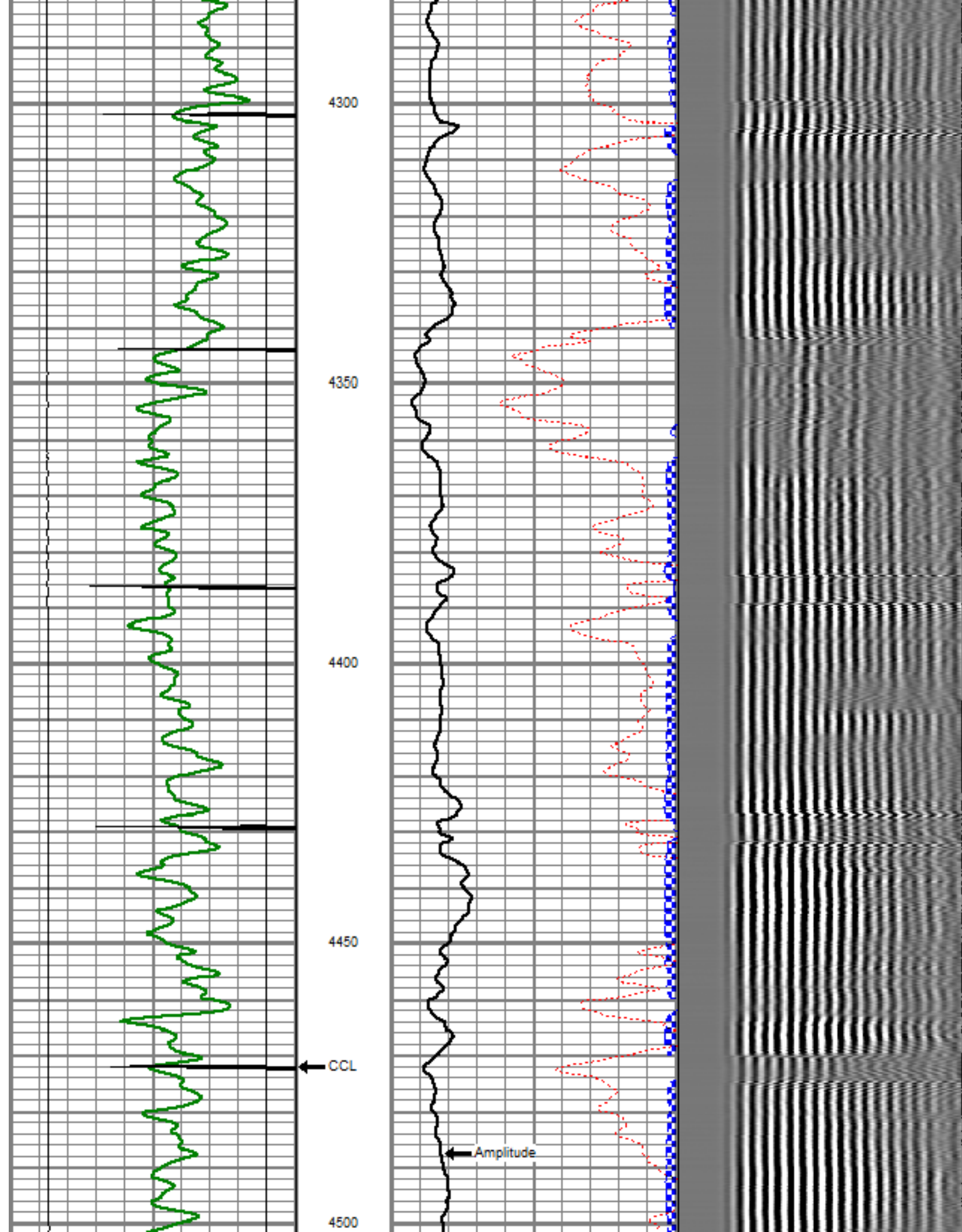
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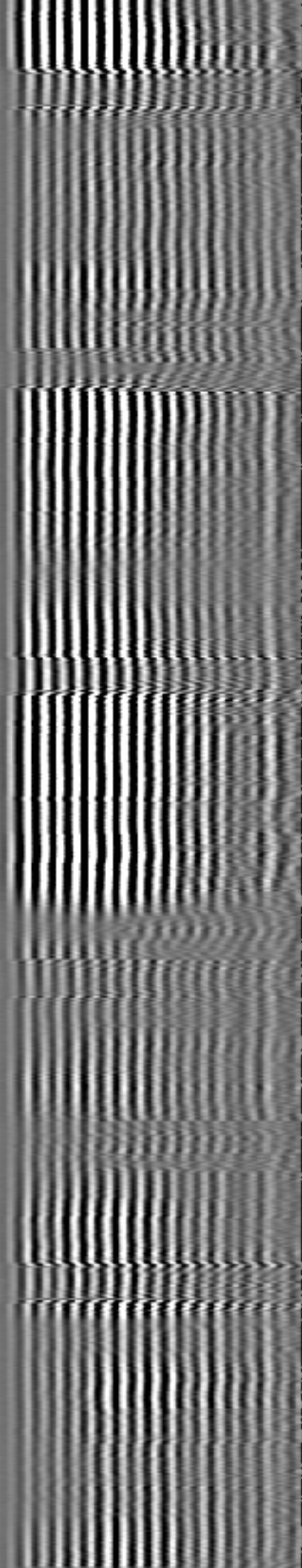
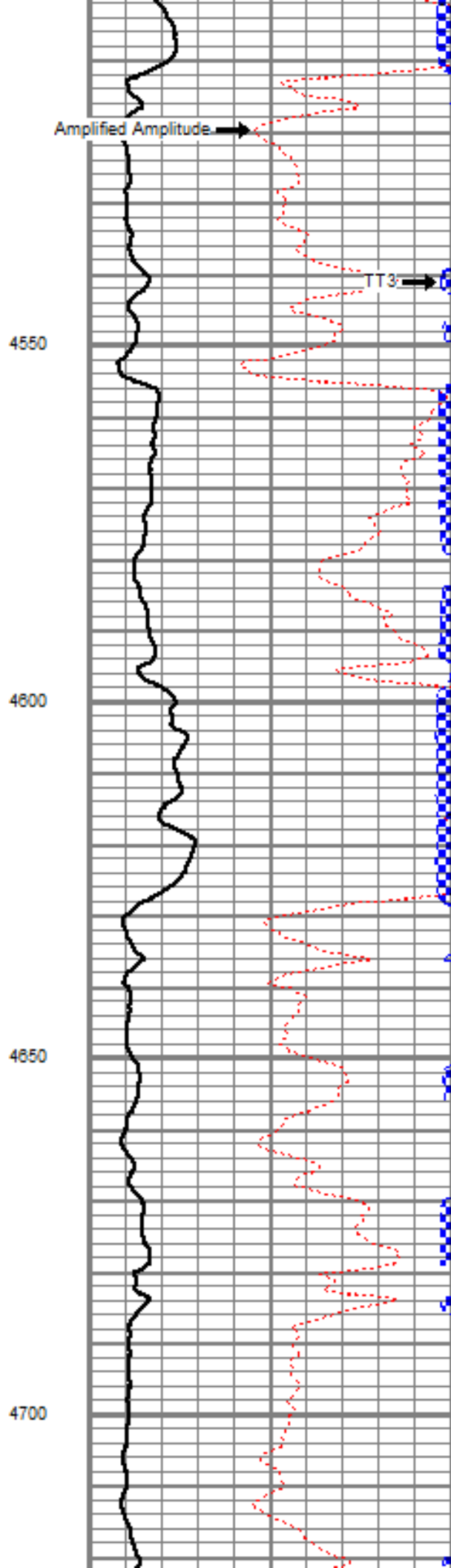
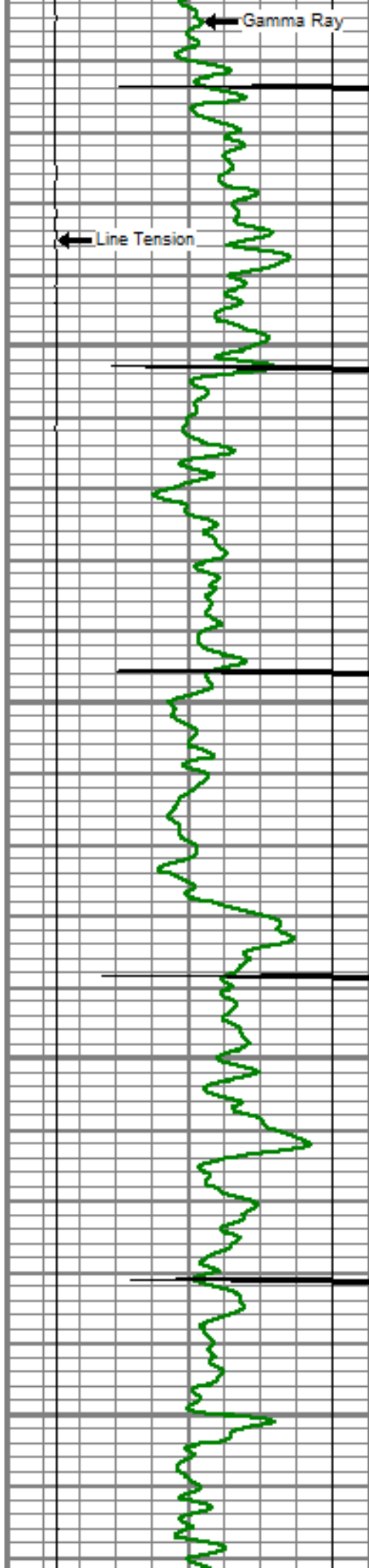
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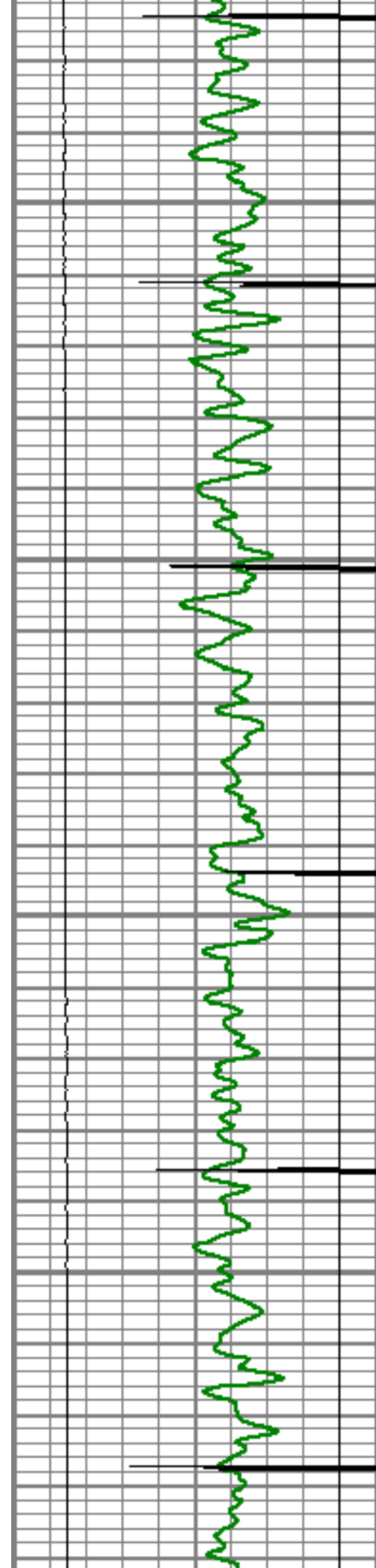
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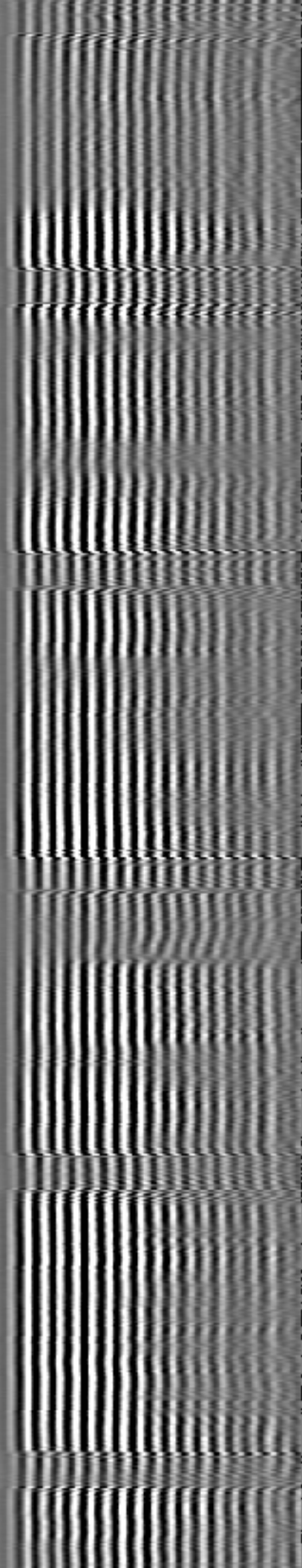
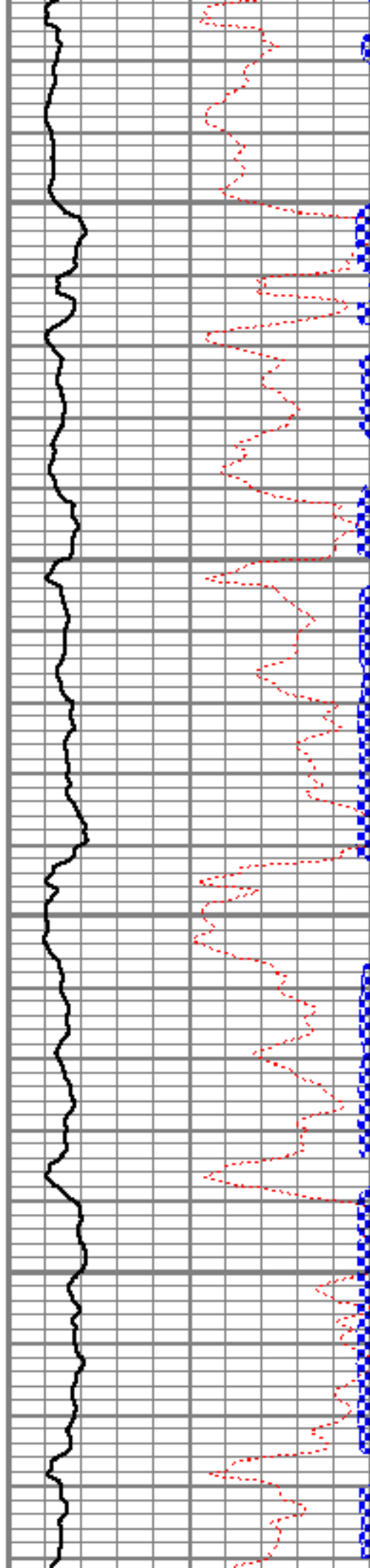


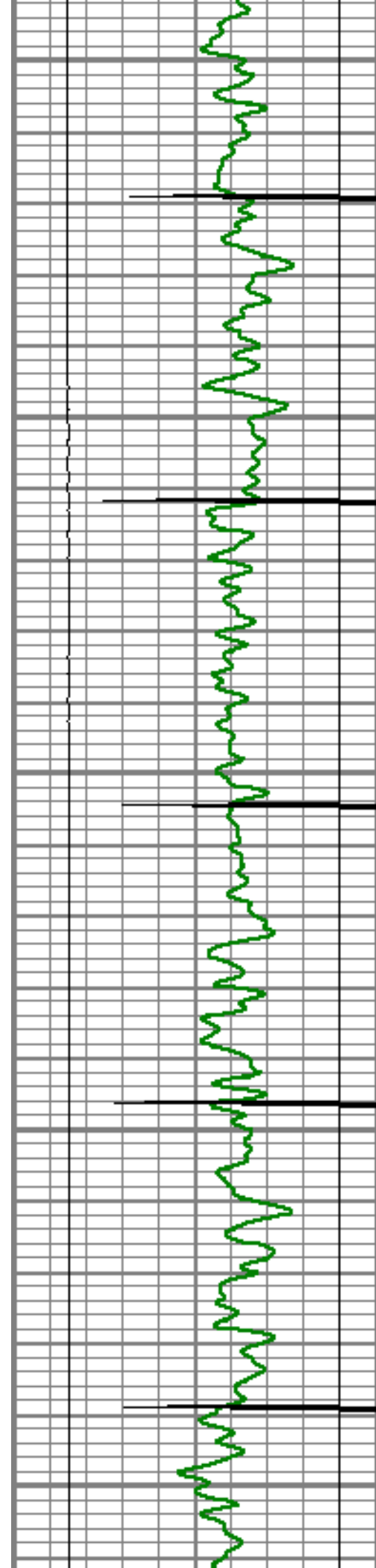
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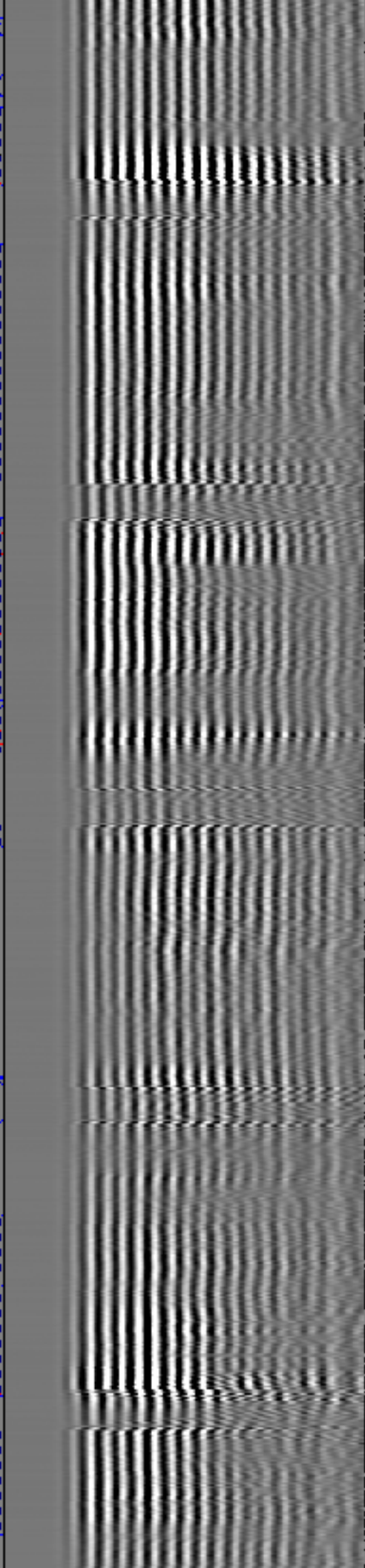
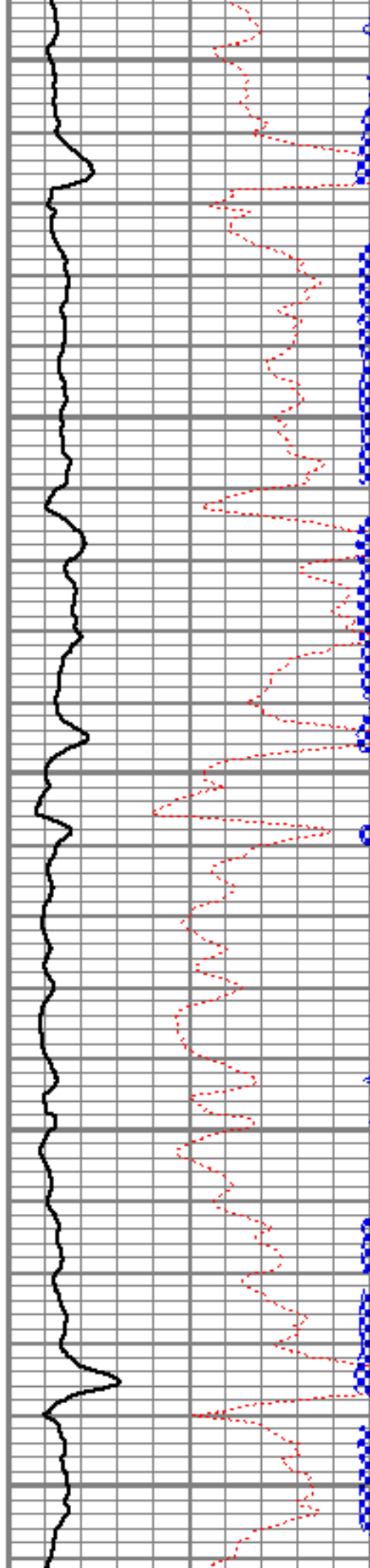
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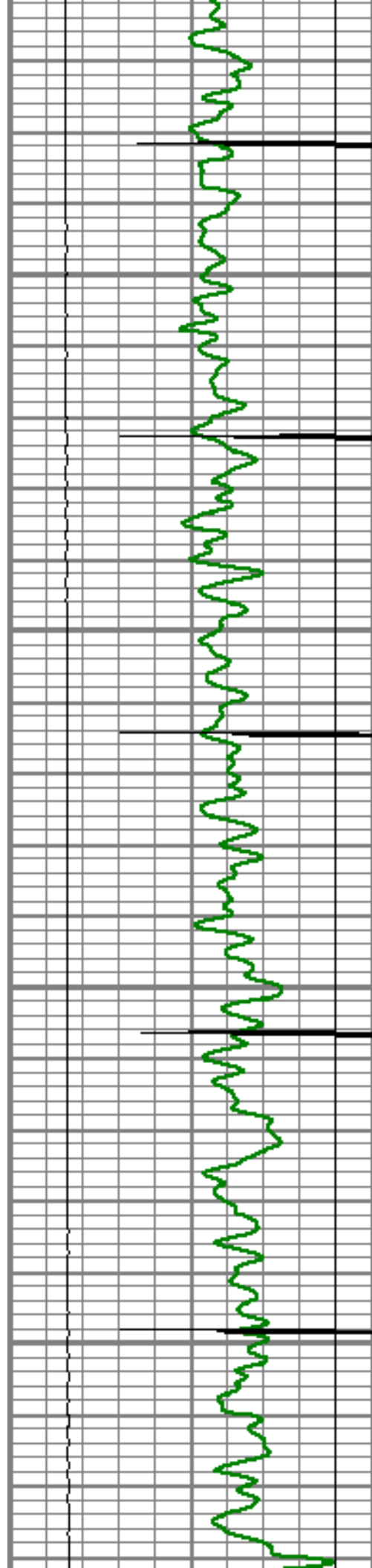
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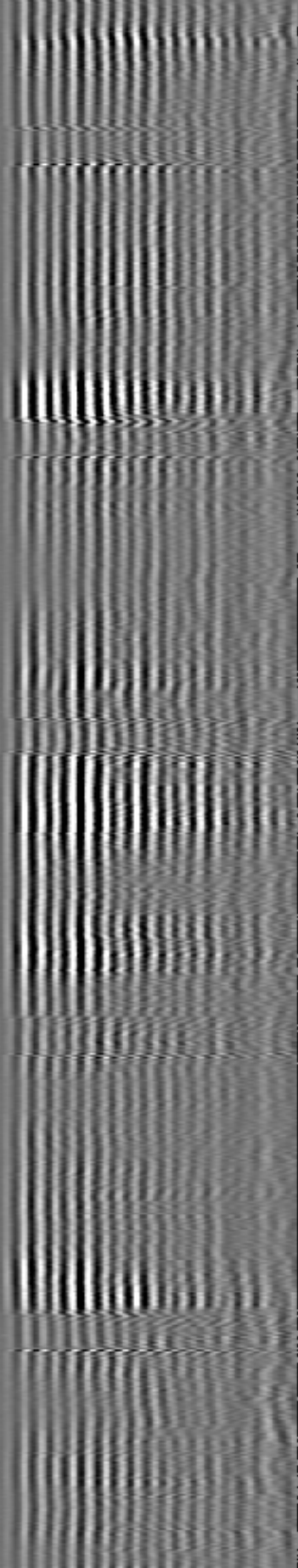
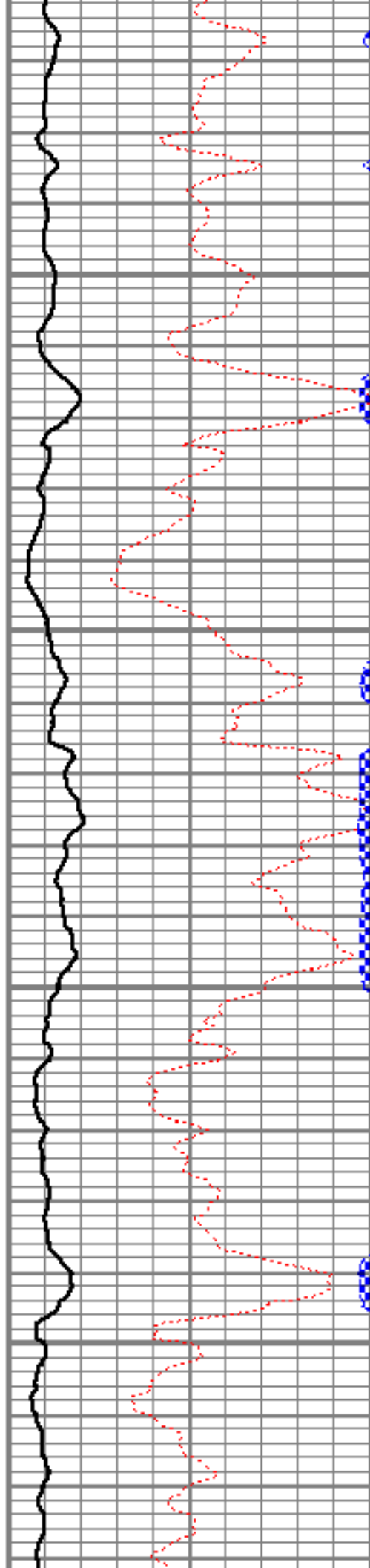


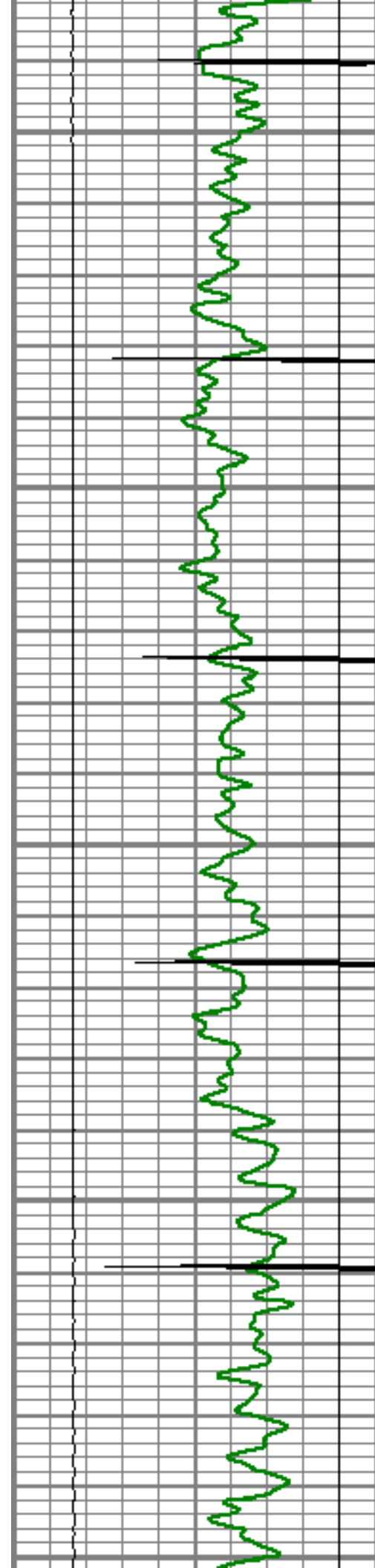
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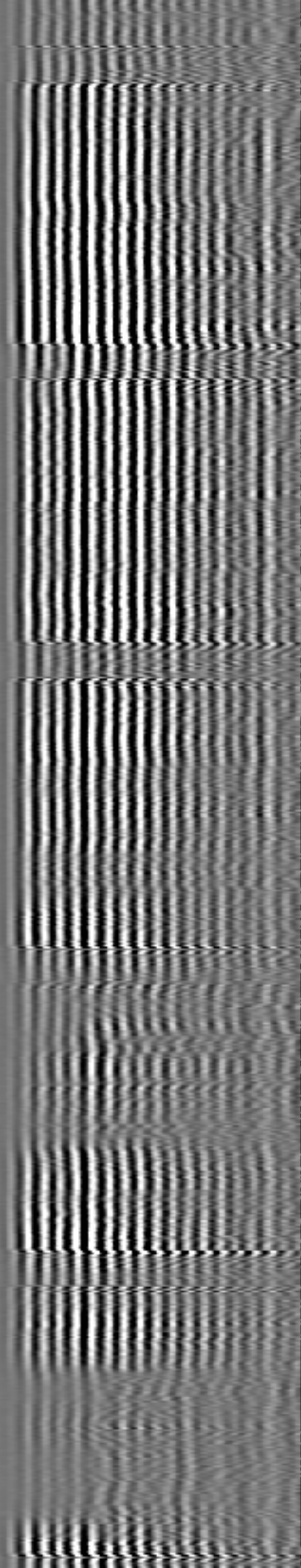
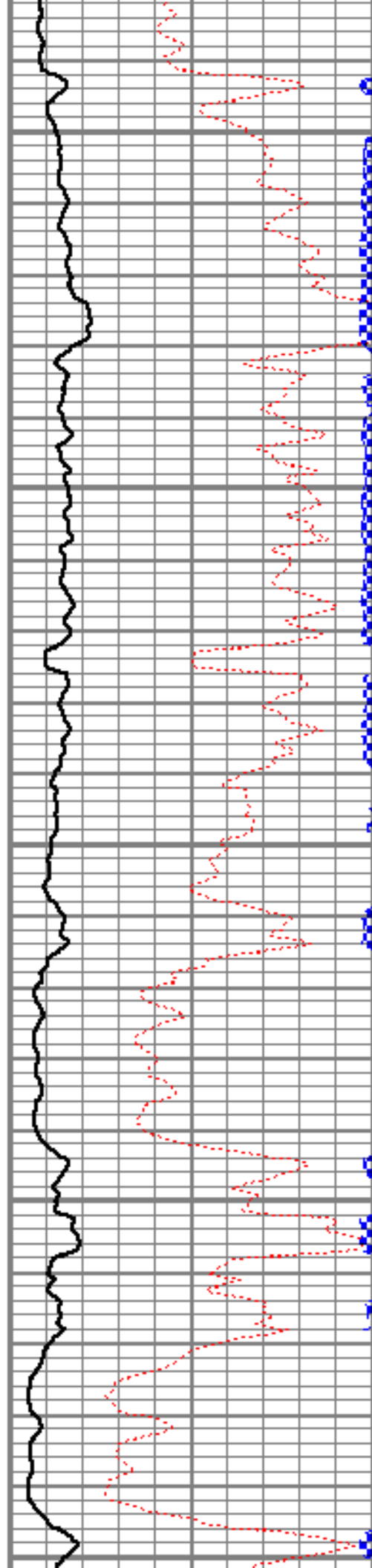
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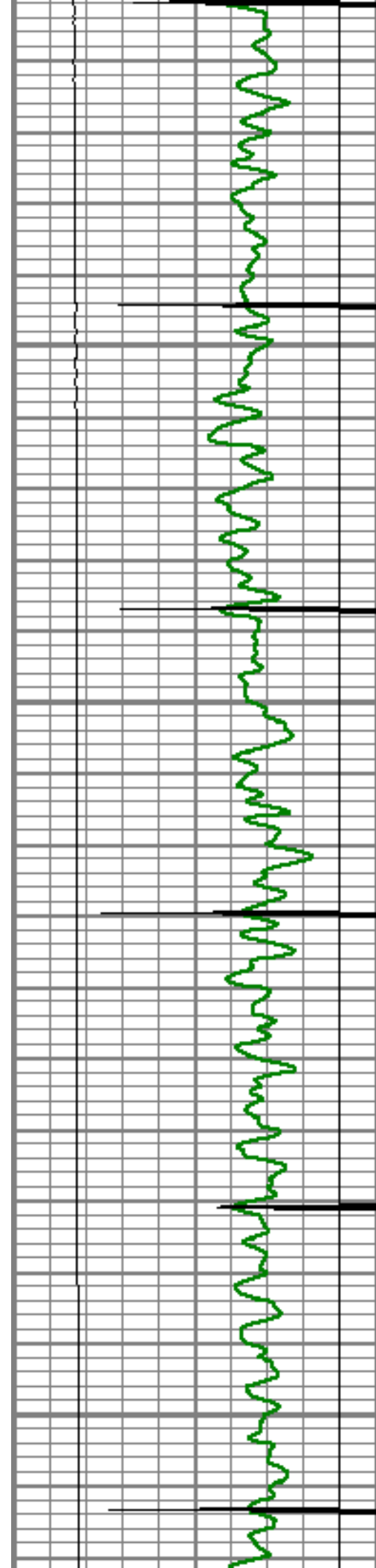
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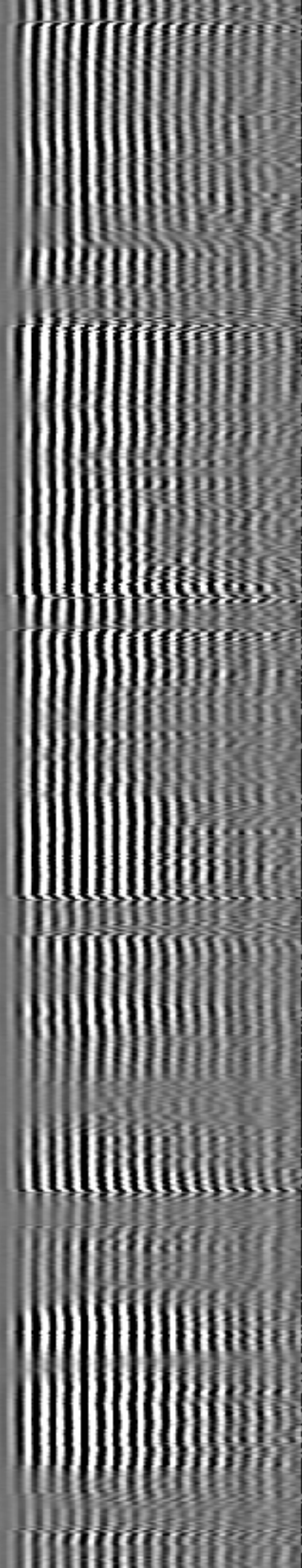
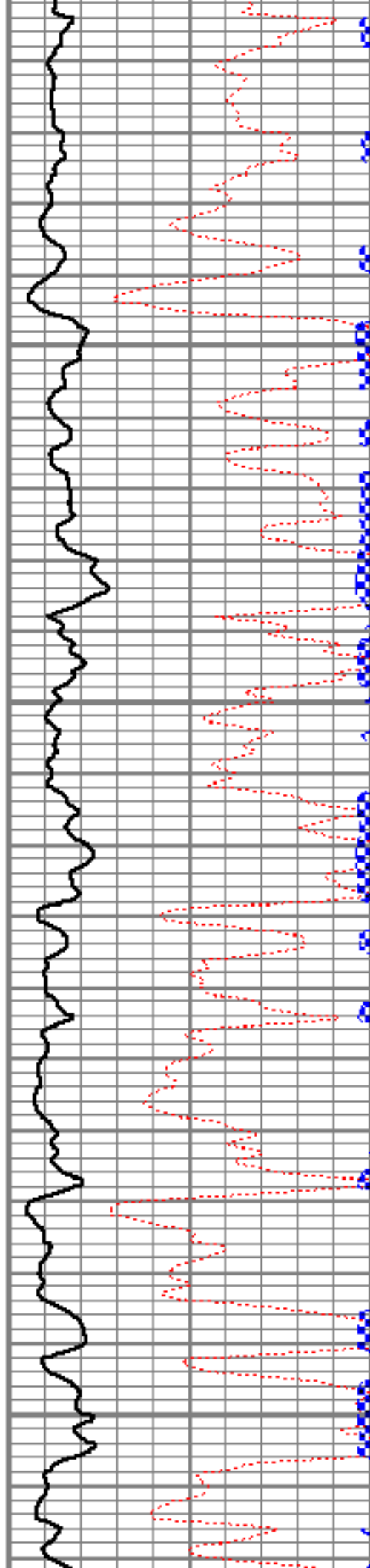


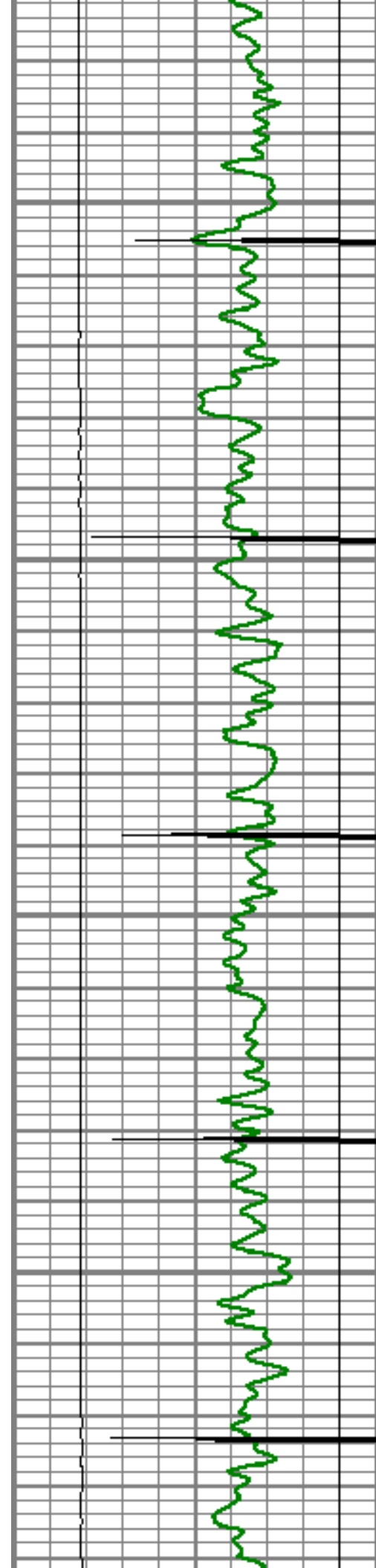
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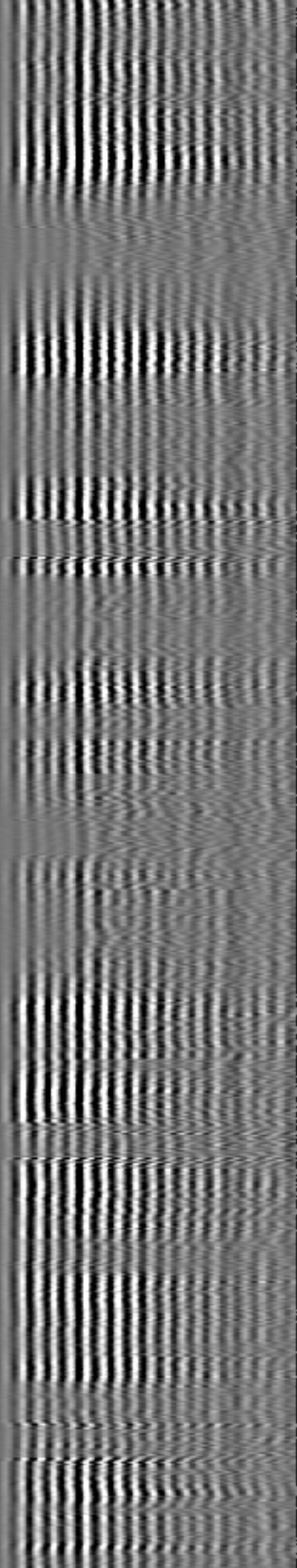
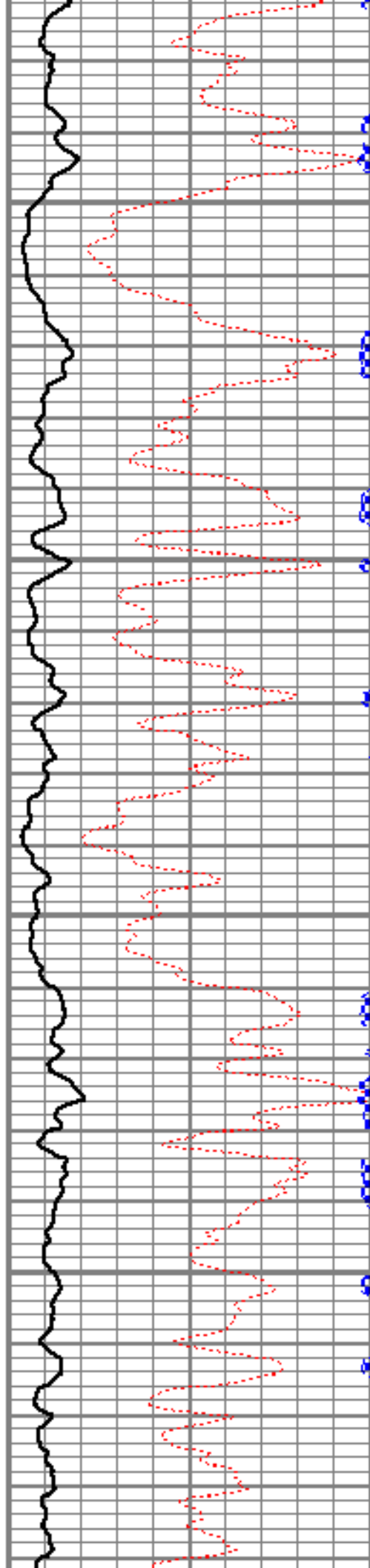


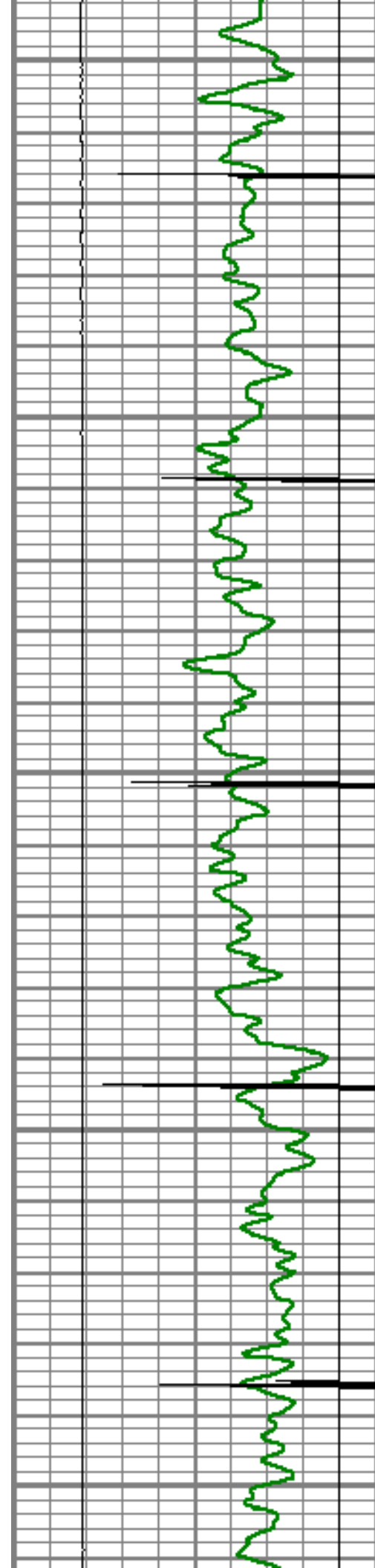
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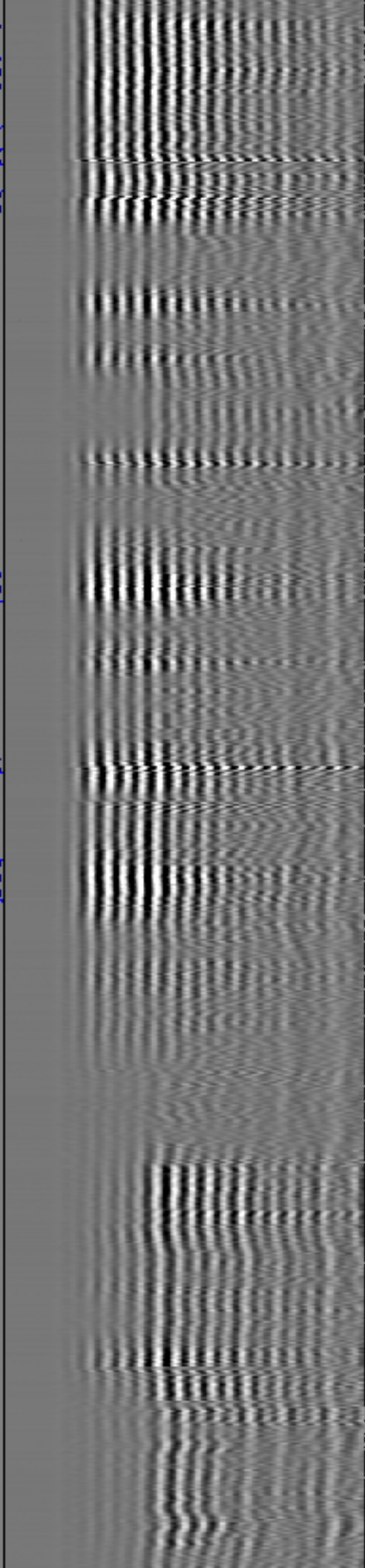
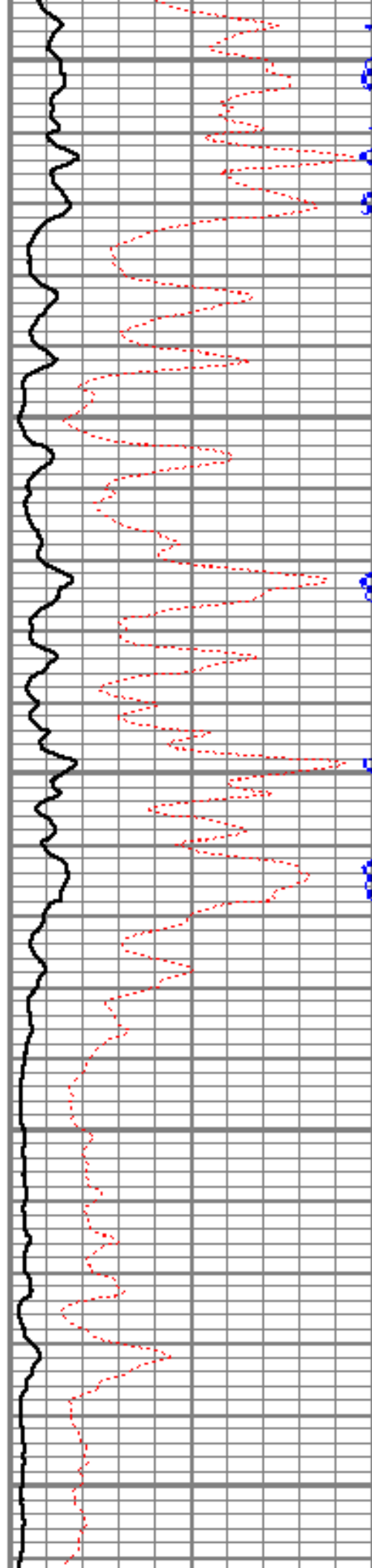
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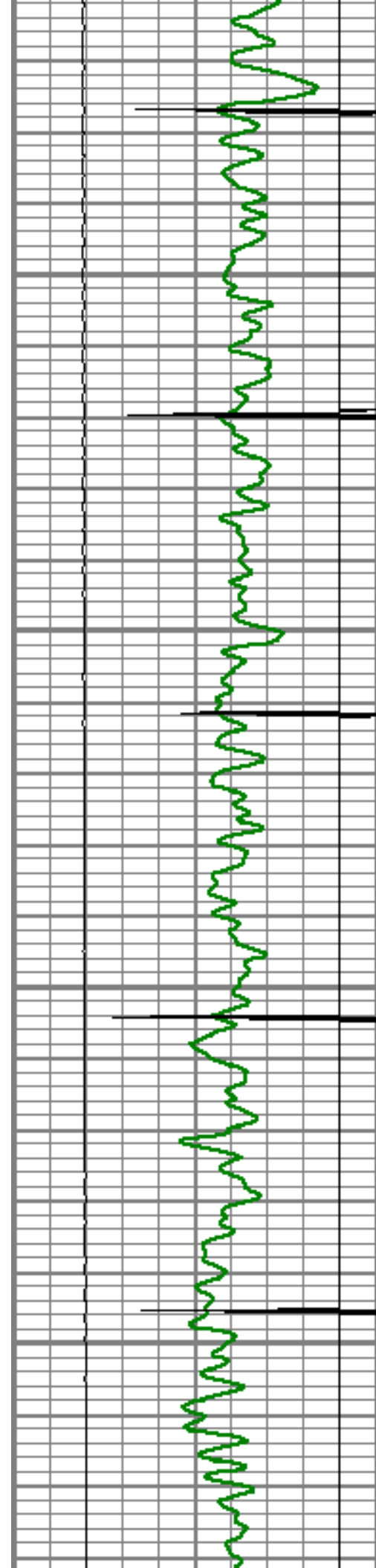
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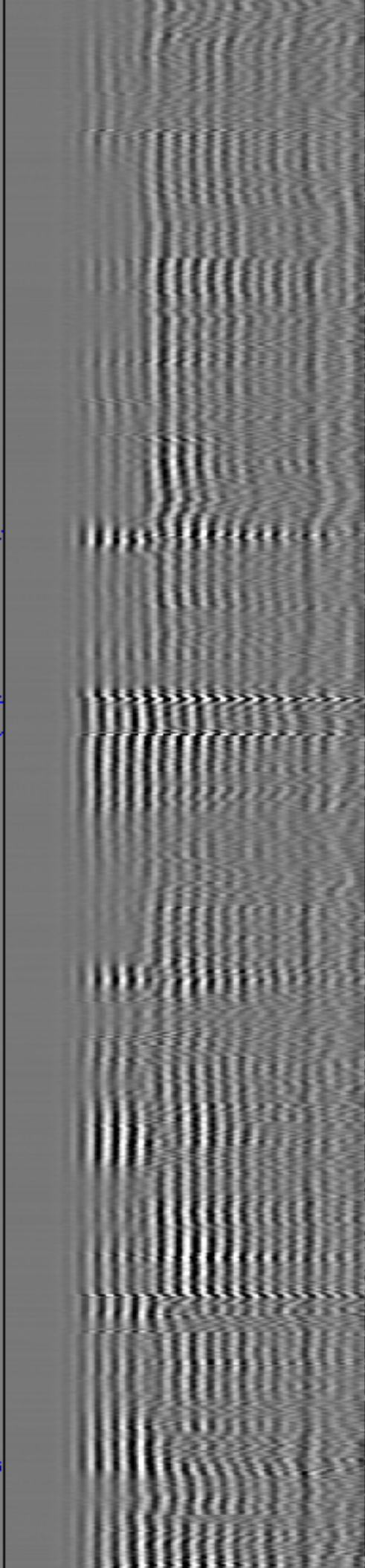
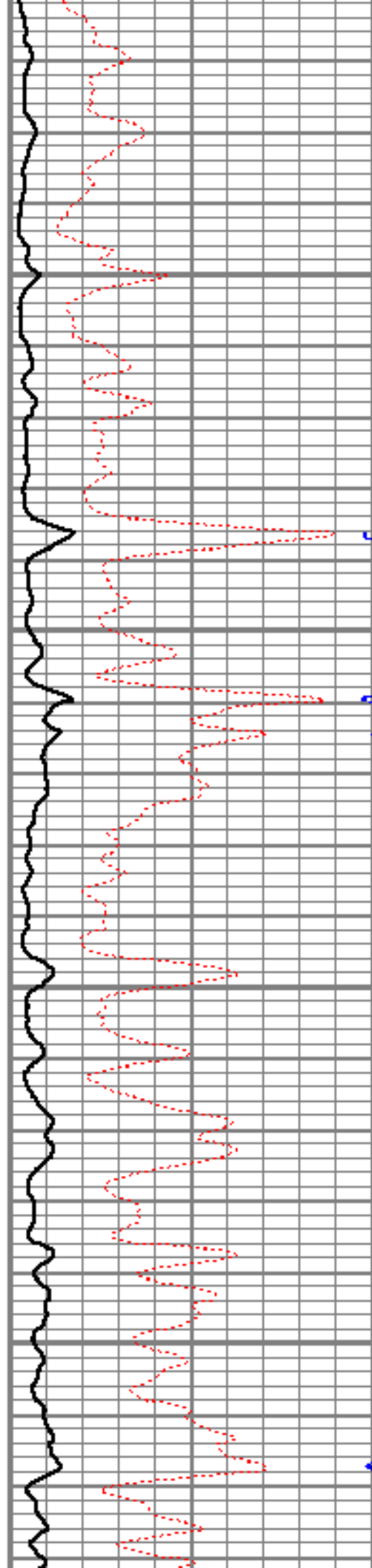


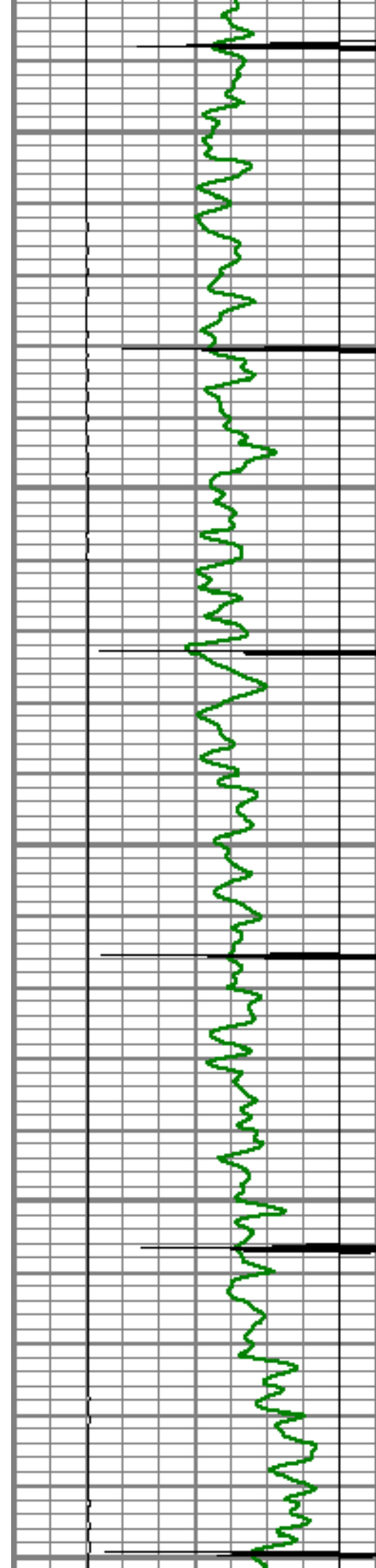
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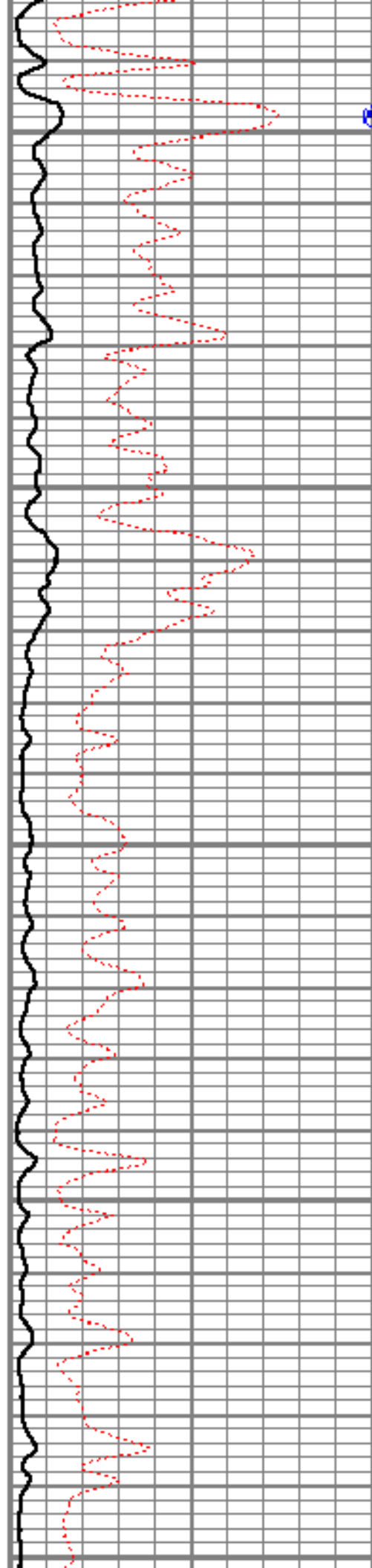
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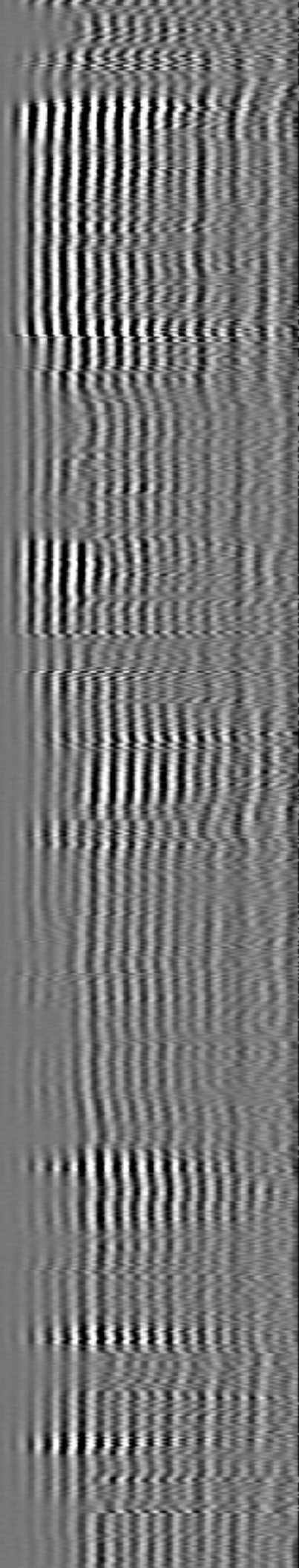
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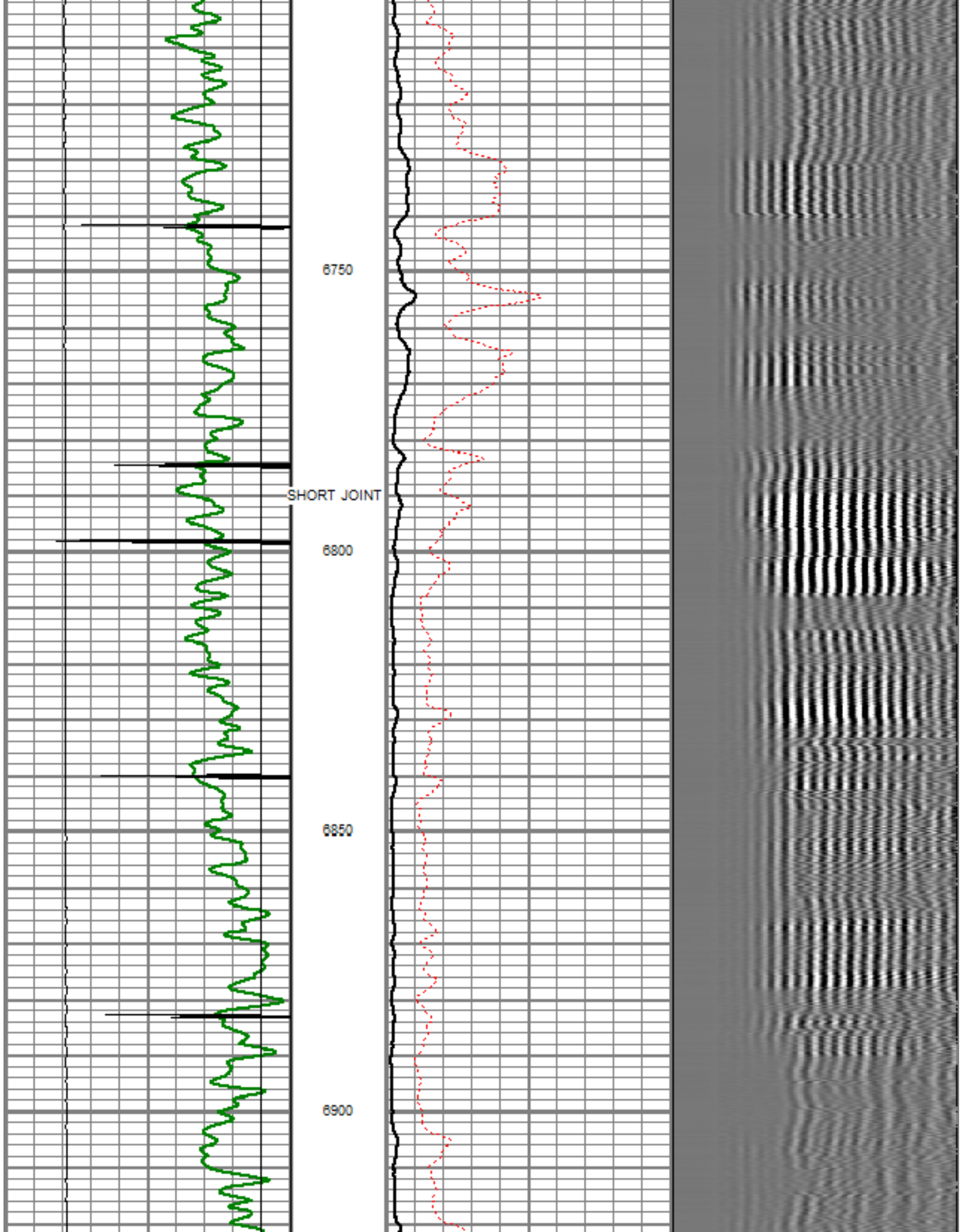
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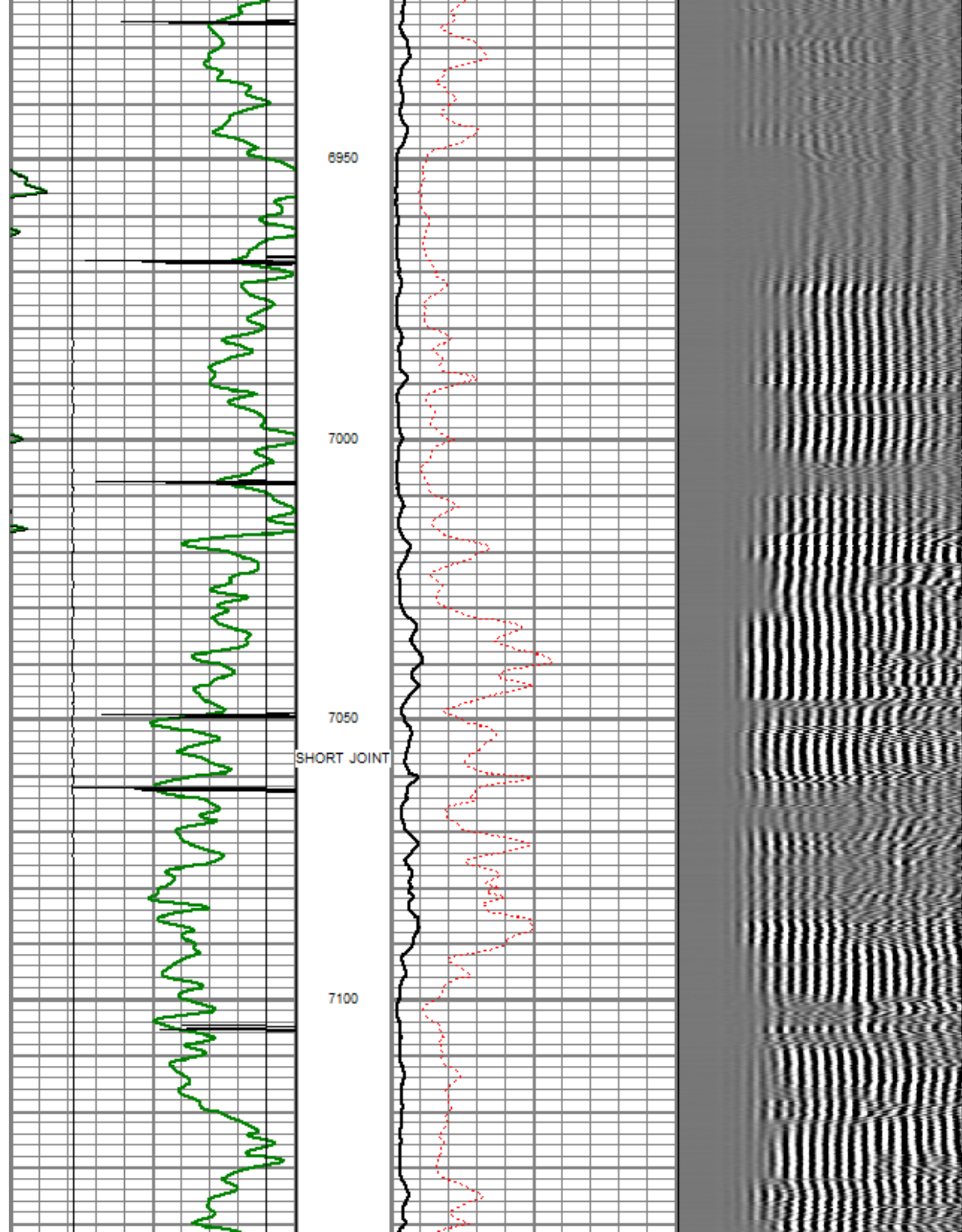
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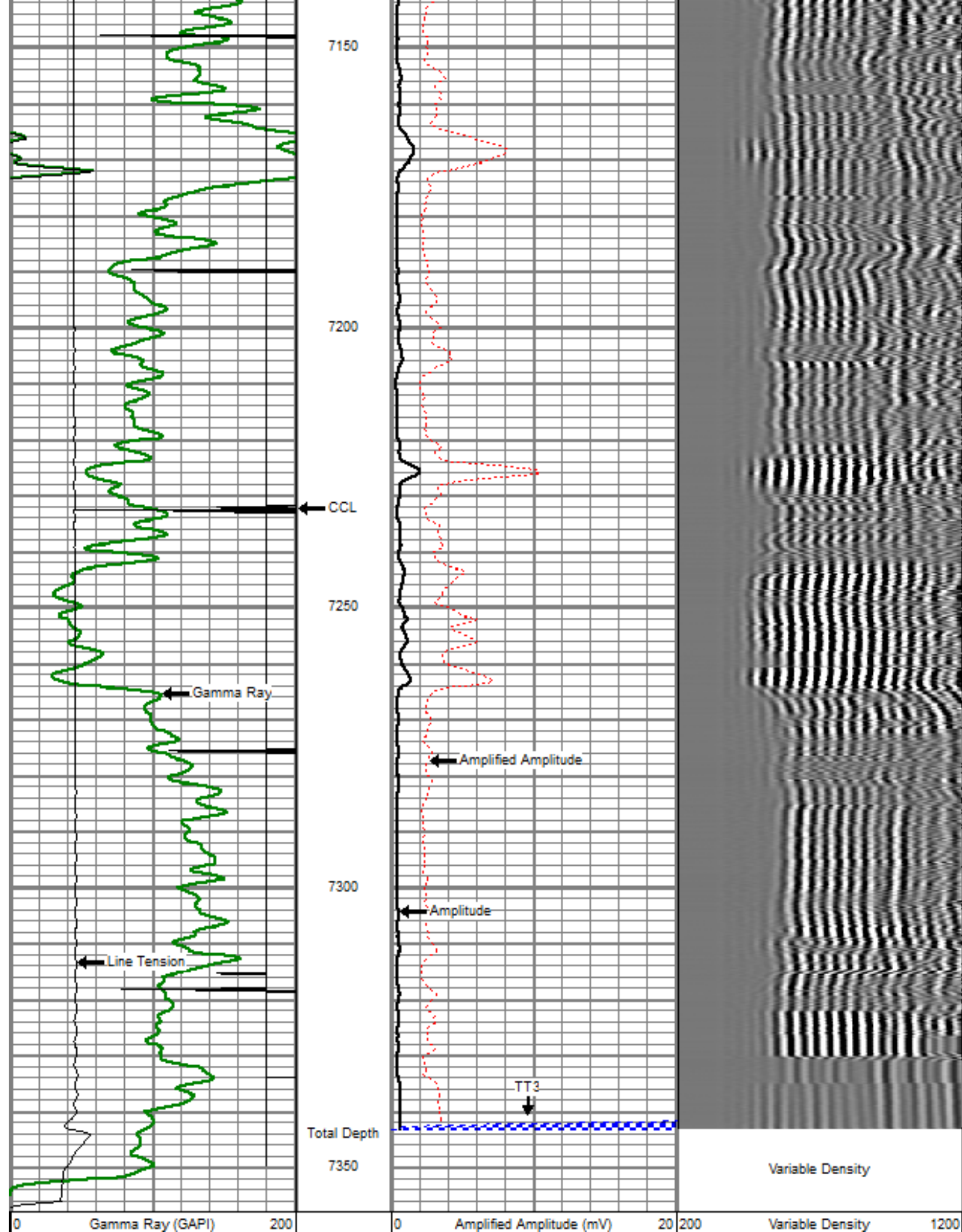


6










0	LTEN (lb)	5000
9	CCL	-1

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

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_GRCCCL (PRB_GRCCCL_275_014.54) Probe 2.75" 4 Channel Pulse	014.54	2.75	30.00
GR	3.77		TEMP-Comprobe (TEMP_CMPRB_1375_012.88) Positive pulse Temp tool	012.88	1.38	15.00

TEMP	0.17				
Dataset: campbellw2.db: field/well/run1/pass10oh Total Length: 22.98 ft Total Weight: 128.50 lb O.D. 2.75 in					

	Company	GREAT WESTERN OIL & GAS LLC.
	Well	CAMPBELL JF 17-7D
	Field	WATTENBERG
	County	WELD
	State	COLORADO