



<<< Fold Here >>>	
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee 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 costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. All interpretations are also subject to our general terms and conditions set out in our current Price Schedule.</p>	
Comments	
NO LOGS AVAILABLE TO CORRELATE TO. SHORT JOINT @ 7640' - 7663'	
WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 241-1111	

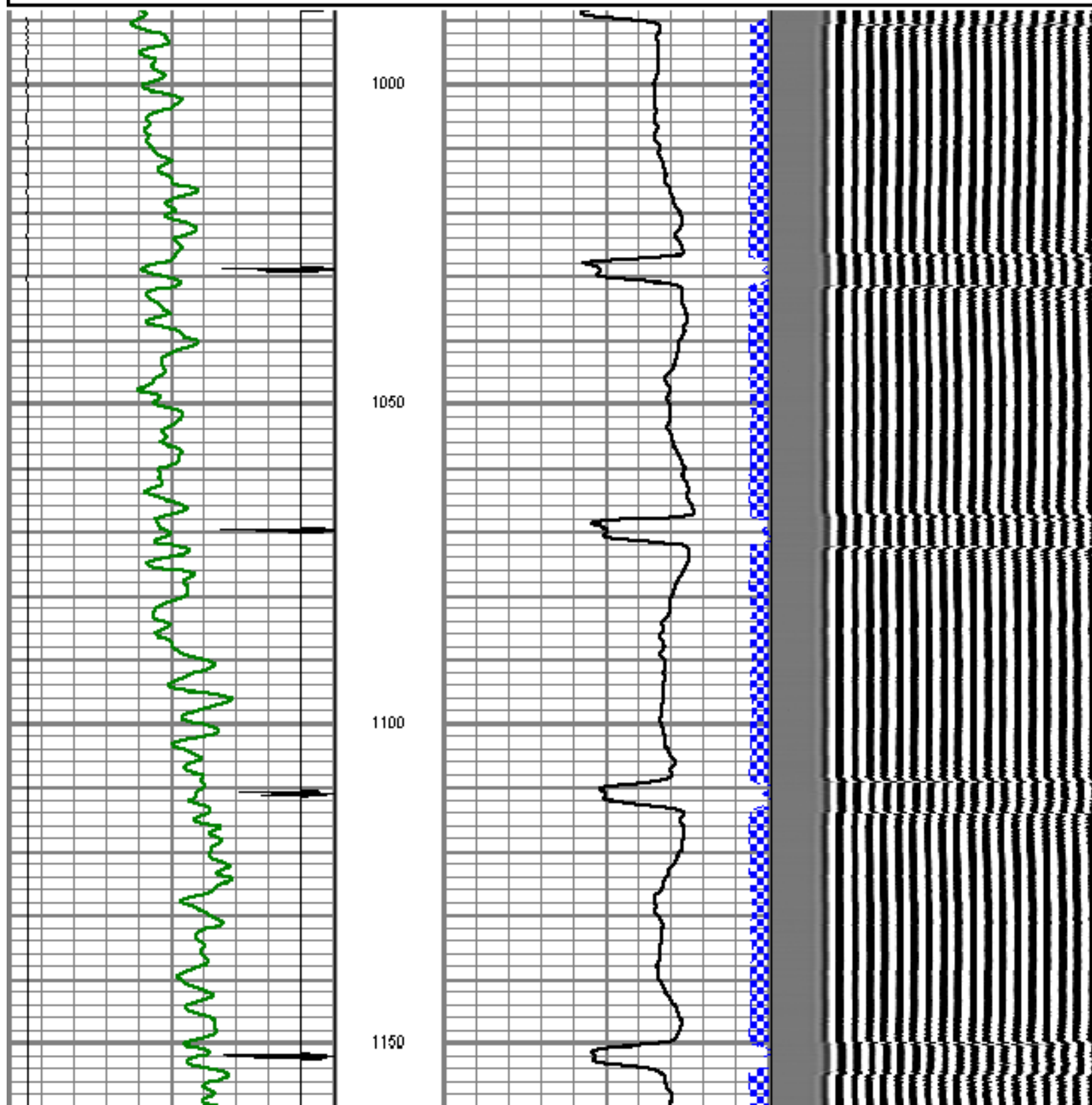


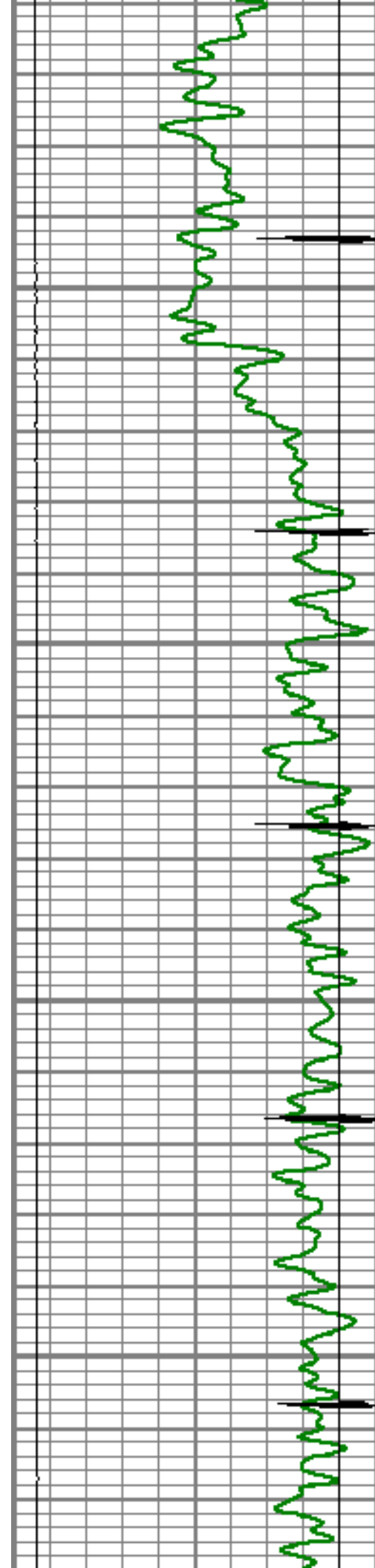
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Dataset Pathname: pass11
Presentation Format: dcbl_prb
Dataset Creation: Wed Jul 06 13:54:48 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
0	LTEN (lb)	5000
9	CCL	-1

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

200 Variable Density 1200



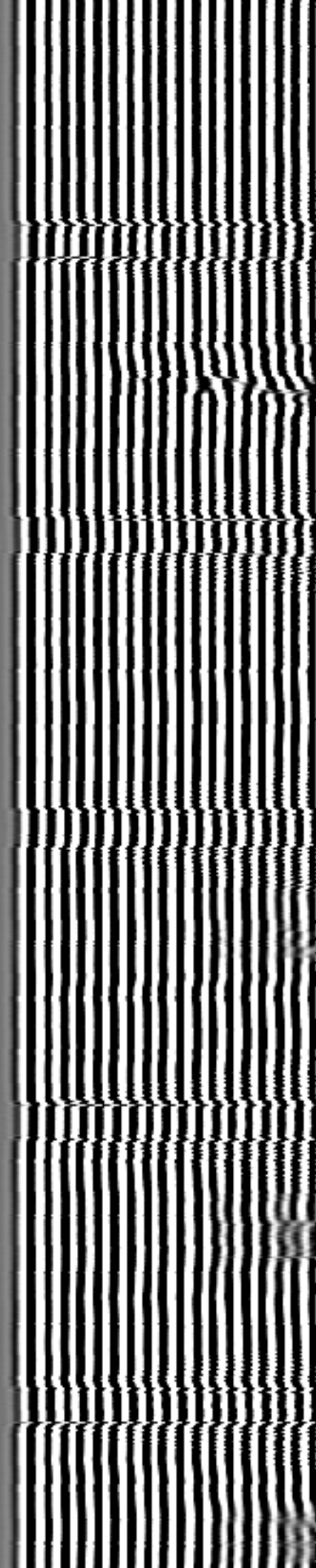
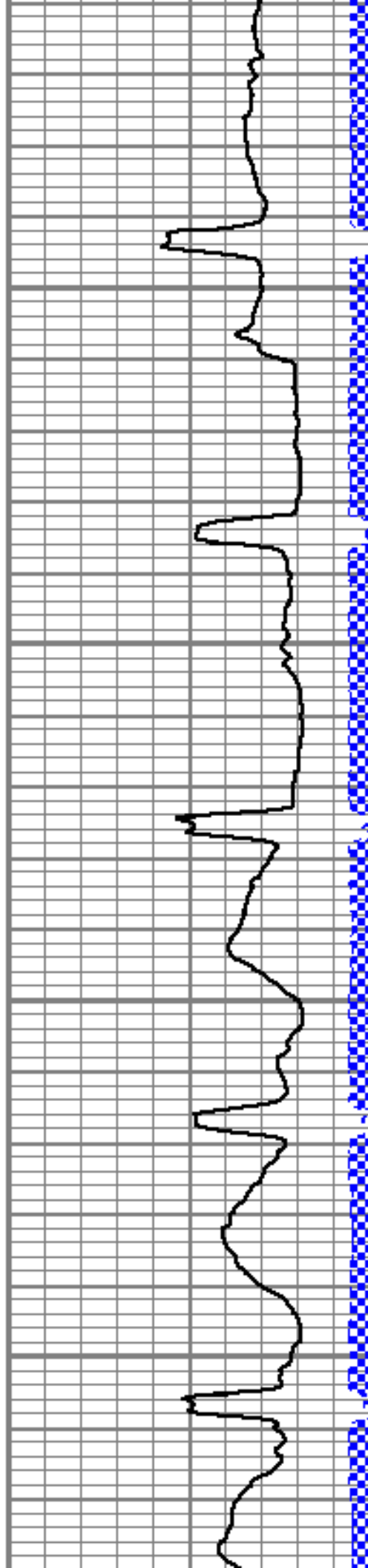


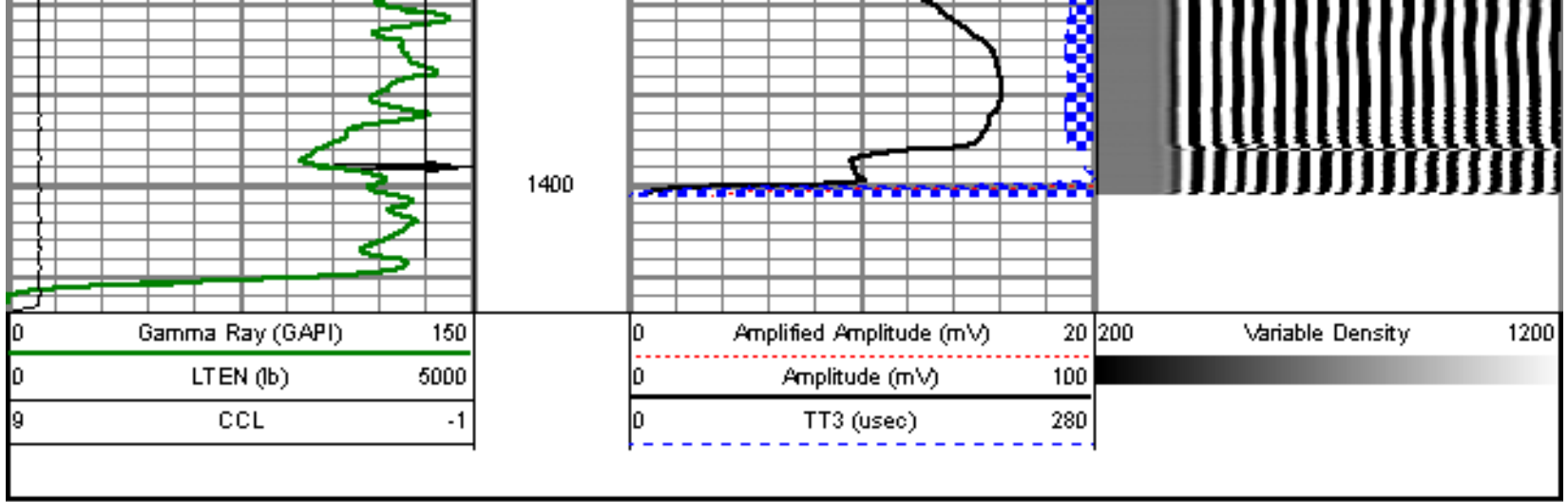
1200

1250

1300

1350

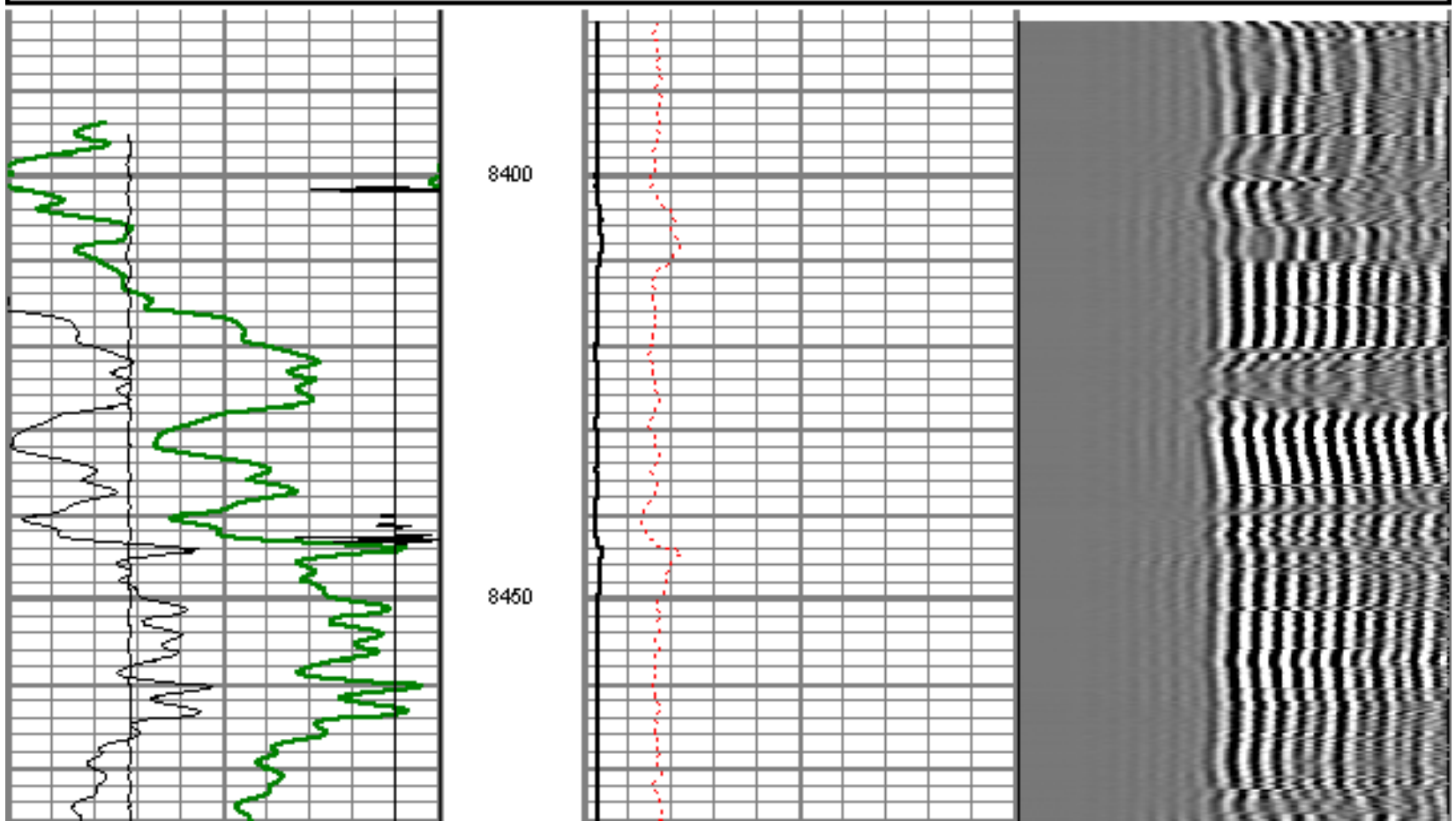
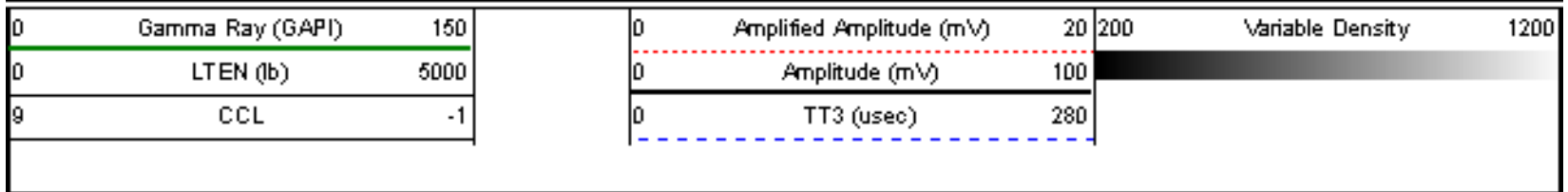


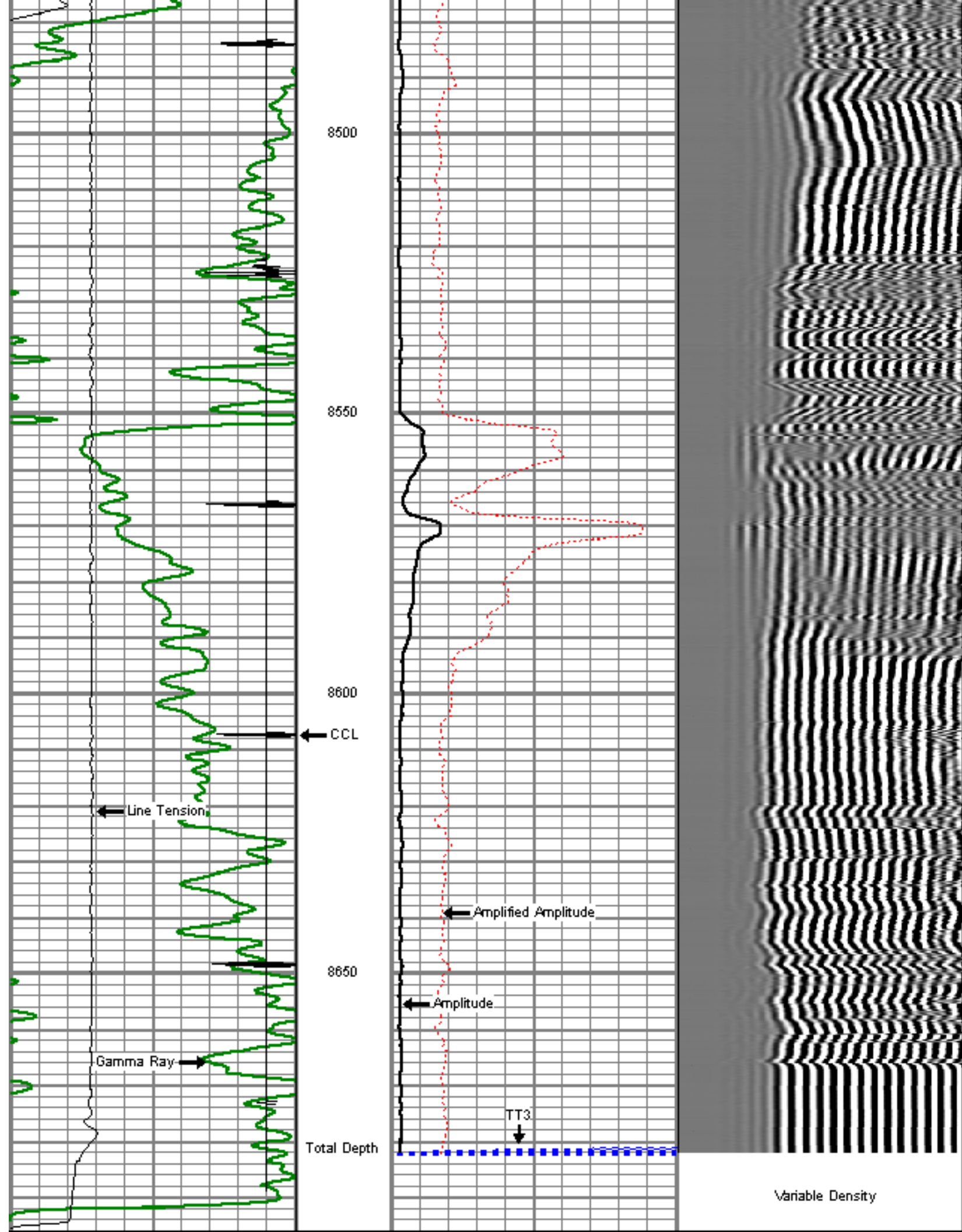


REPEAT PASS

5" = 100'

Database File: costigan 8-6.db
Dataset Pathname: pass9
Presentation Format: dcbl_prb
Dataset Creation: Wed Jul 06 12:13:22 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240





0	Gamma Ray (GAPI)	150
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

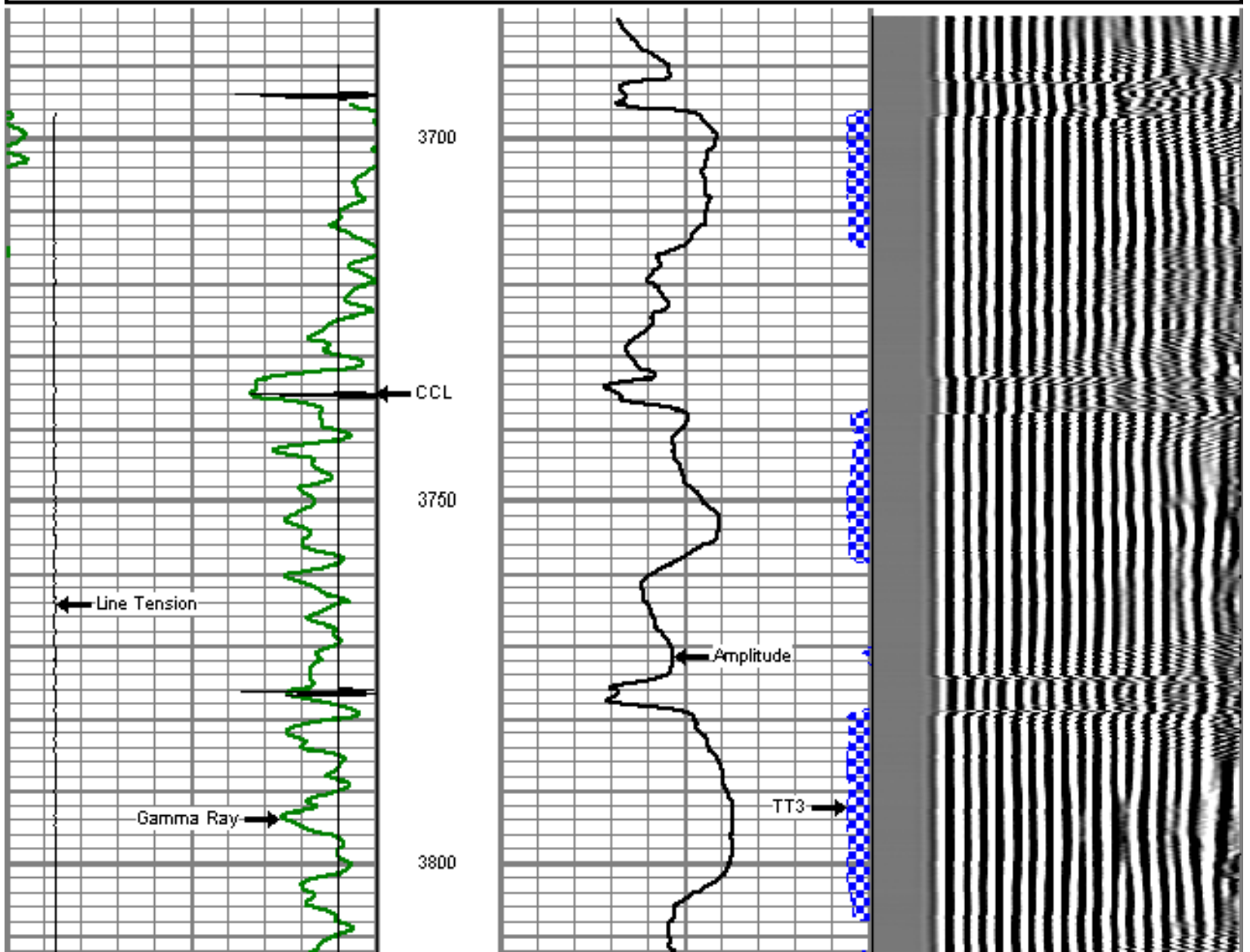
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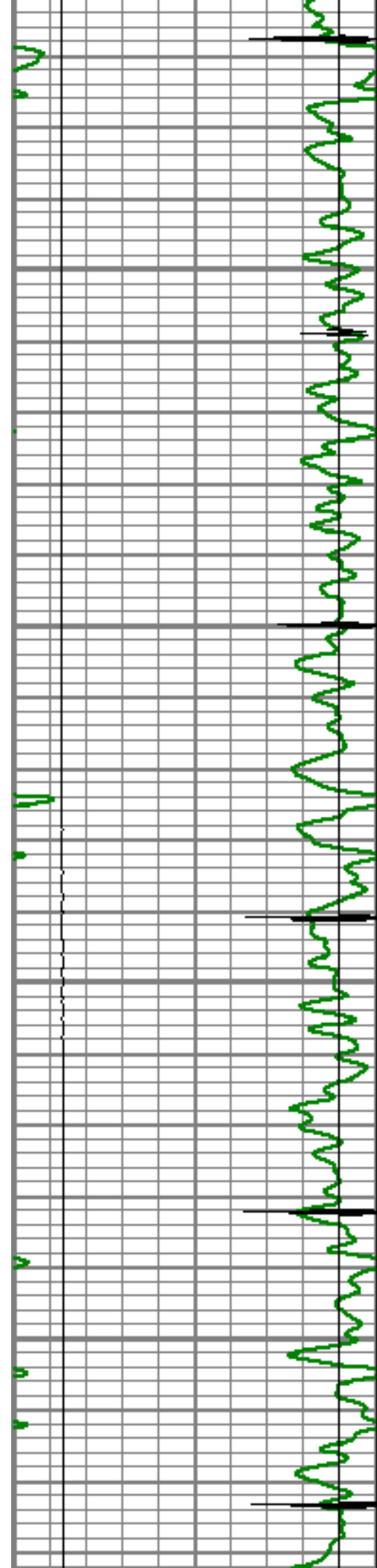
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 Dataset Pathname: pass10
 Presentation Format: dcbl_prb
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 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
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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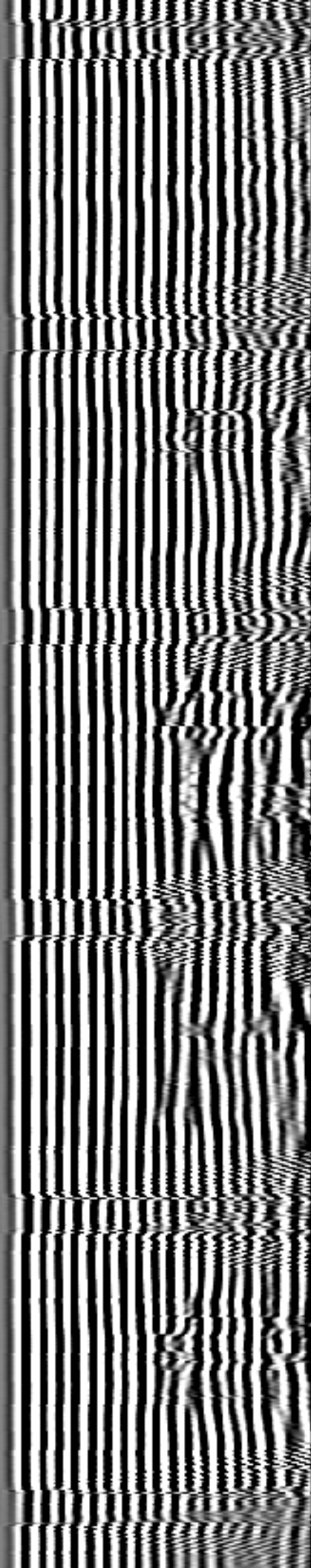
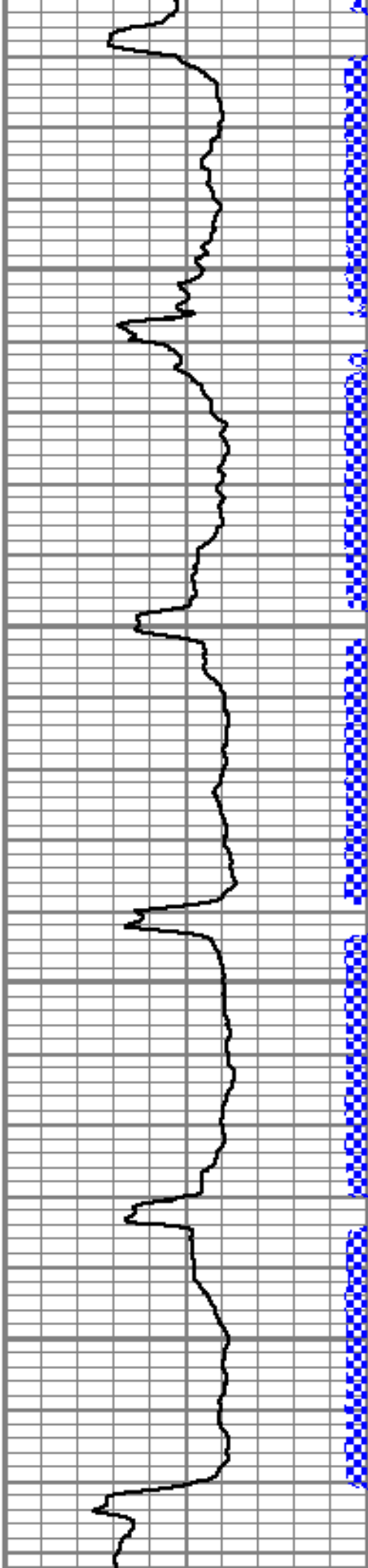


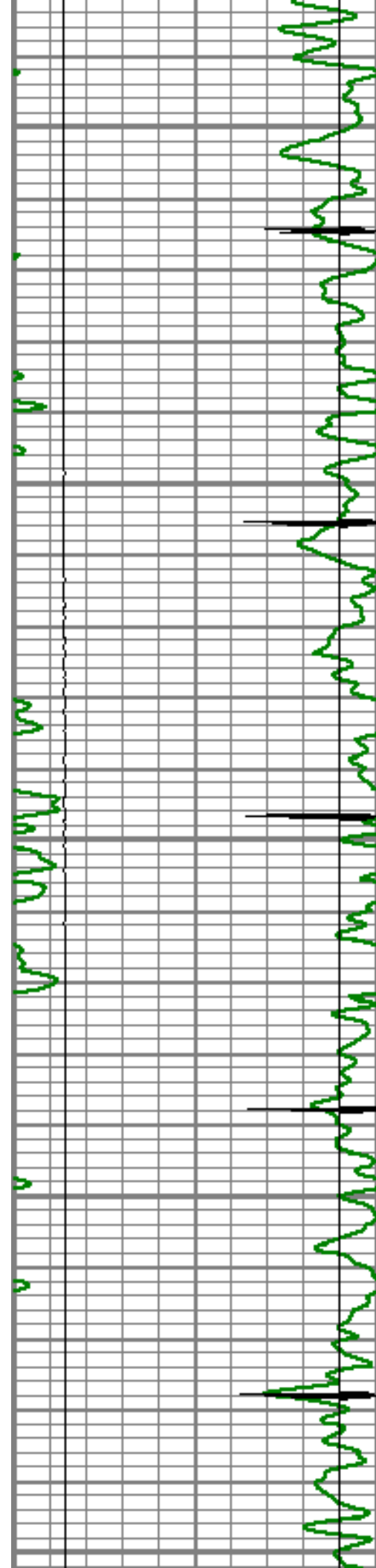
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3900

3950

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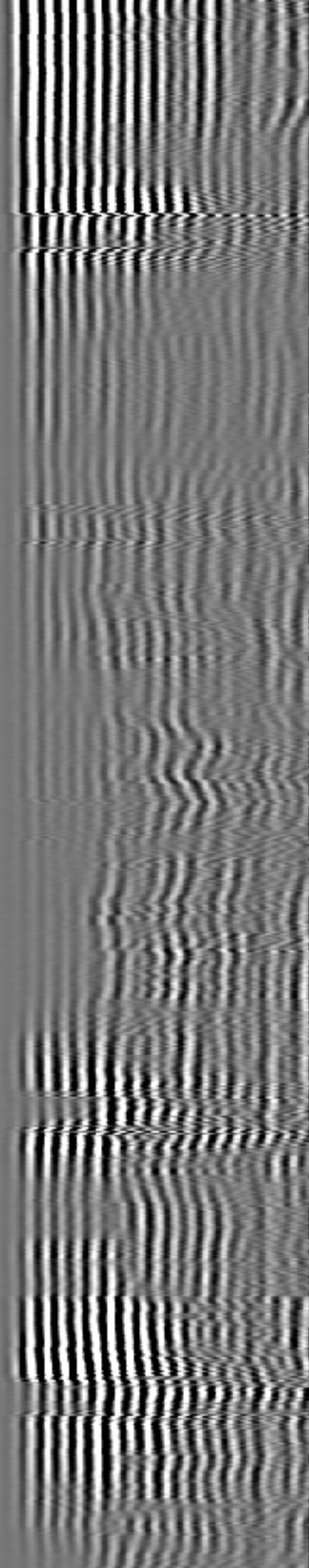
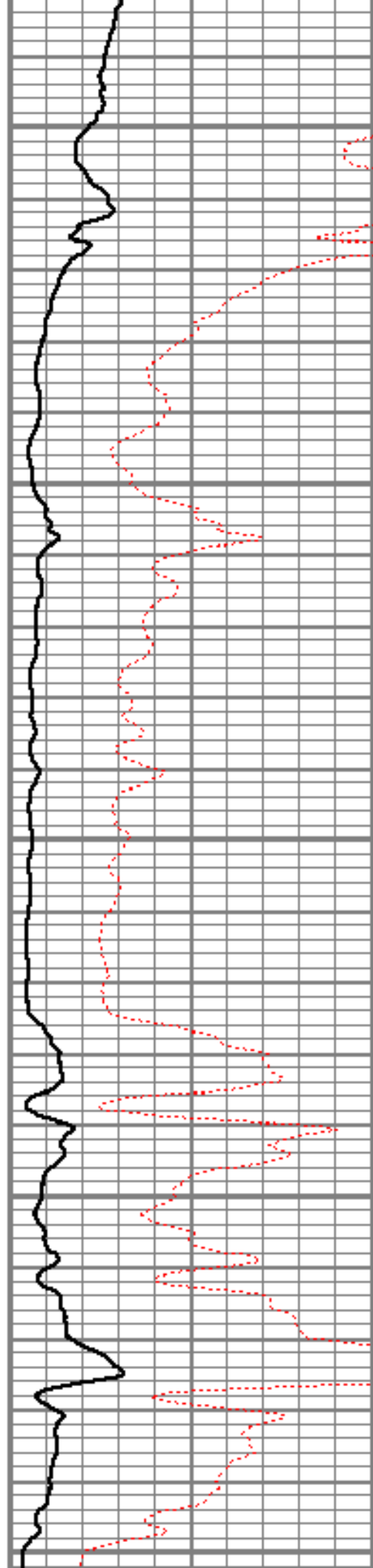
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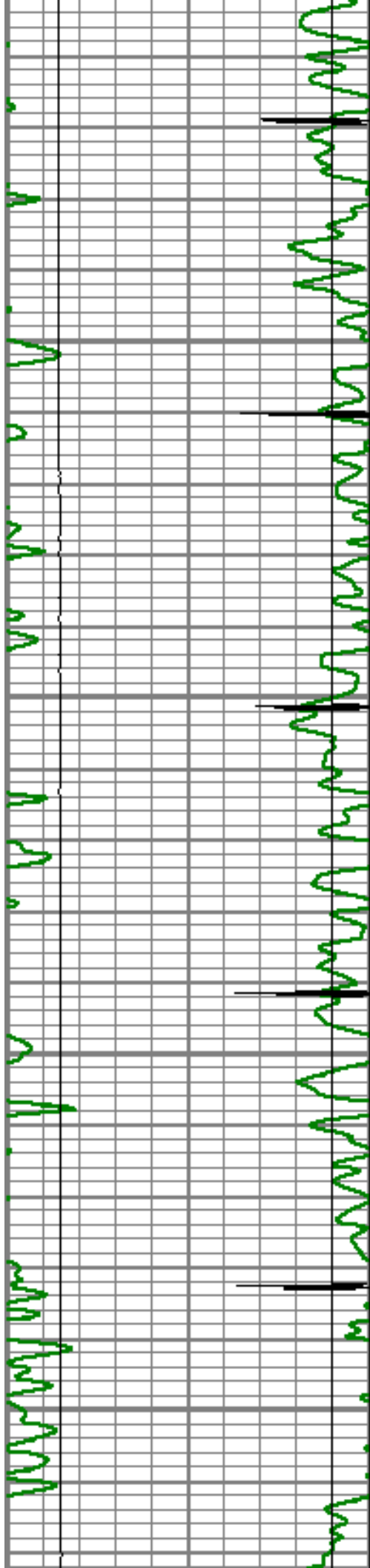
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4150

4200

4250



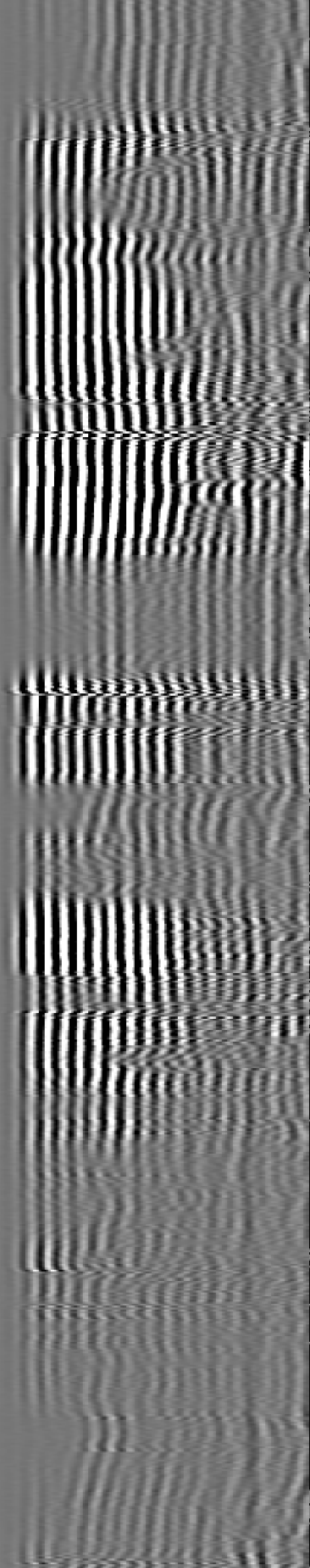
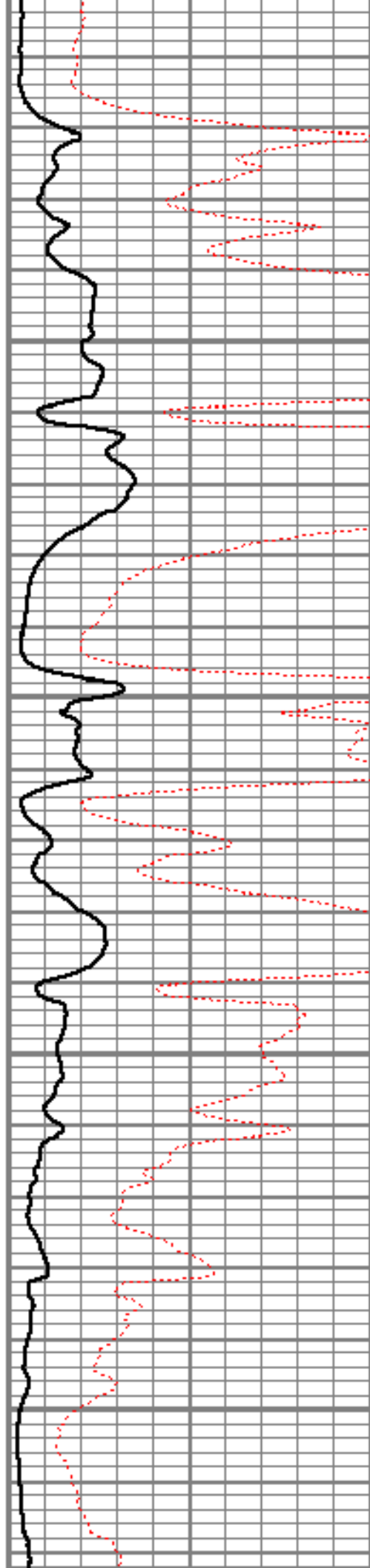


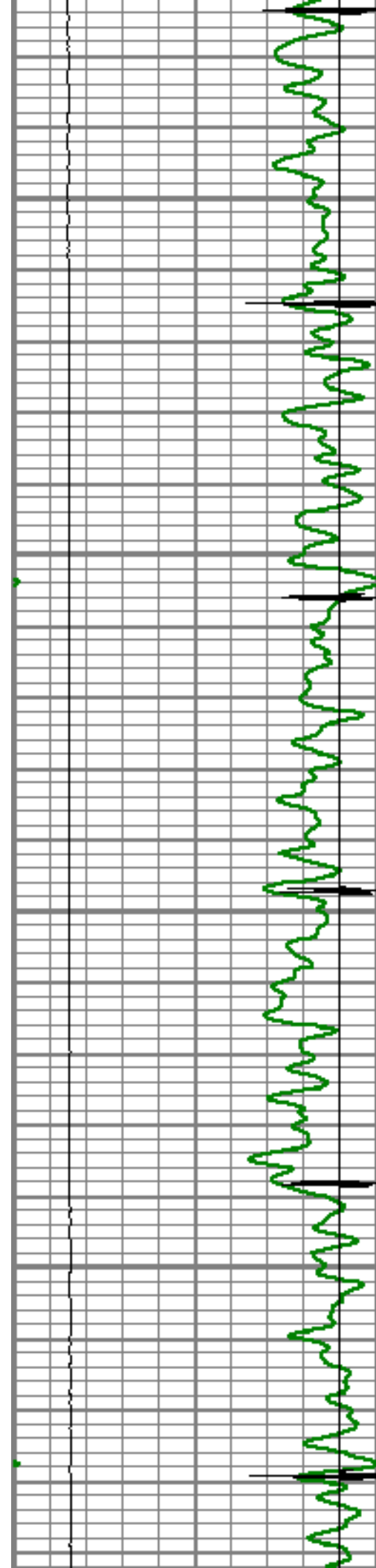
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4400

4450



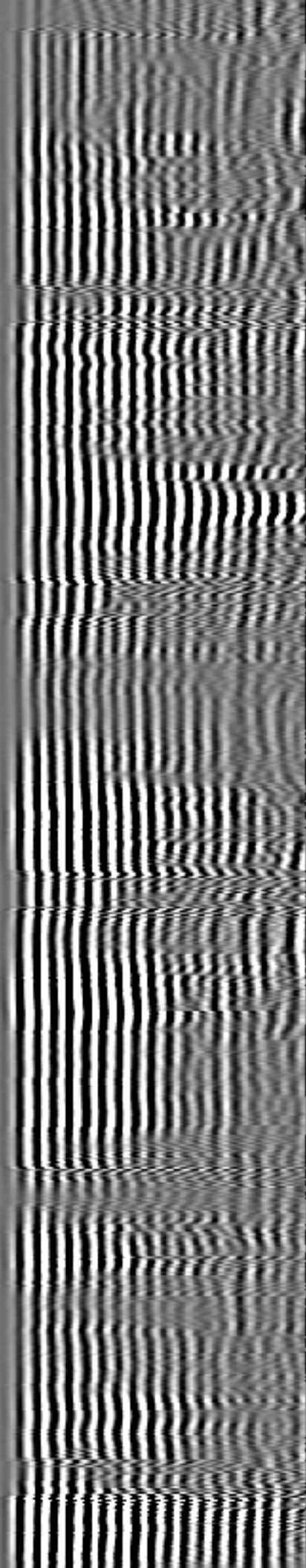
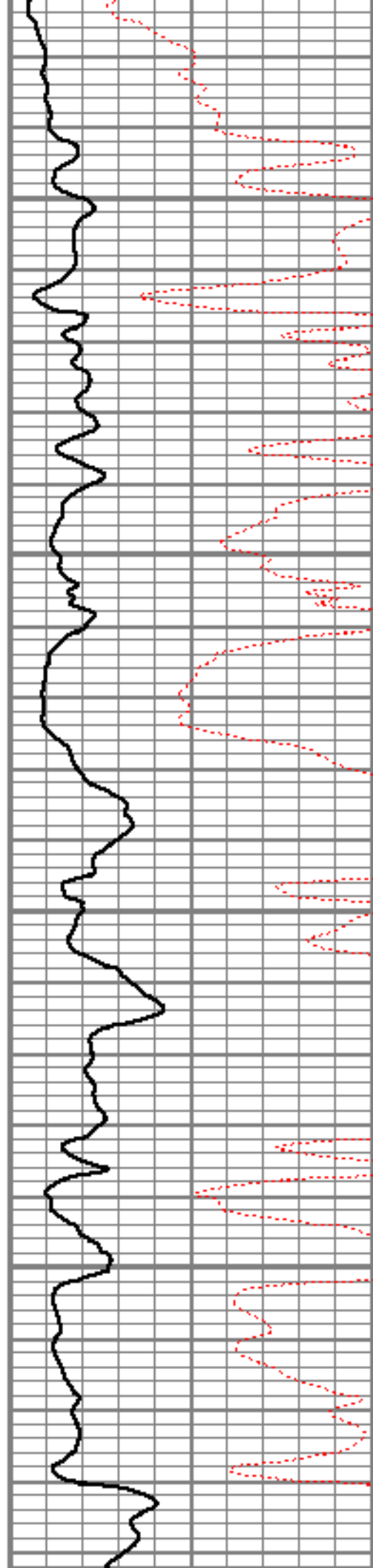


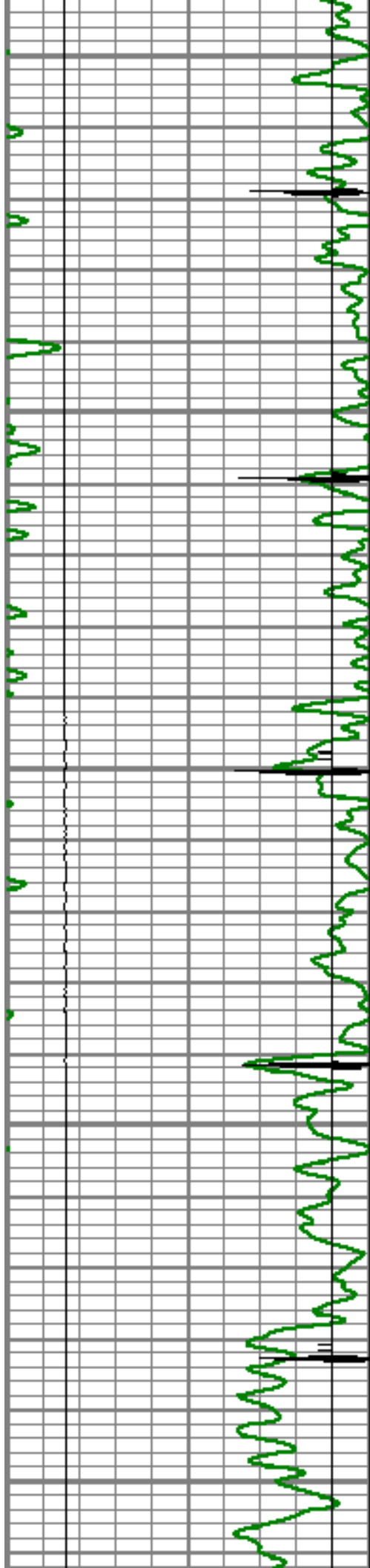
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4550

4600

4650





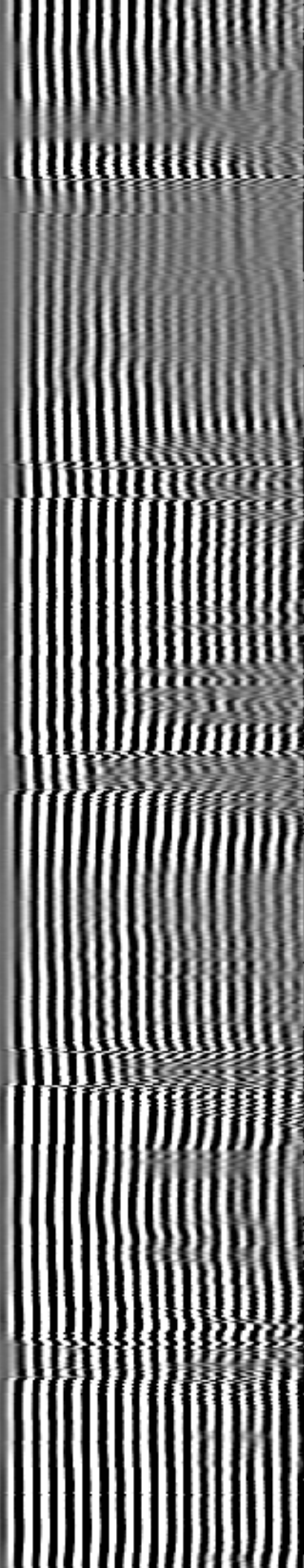
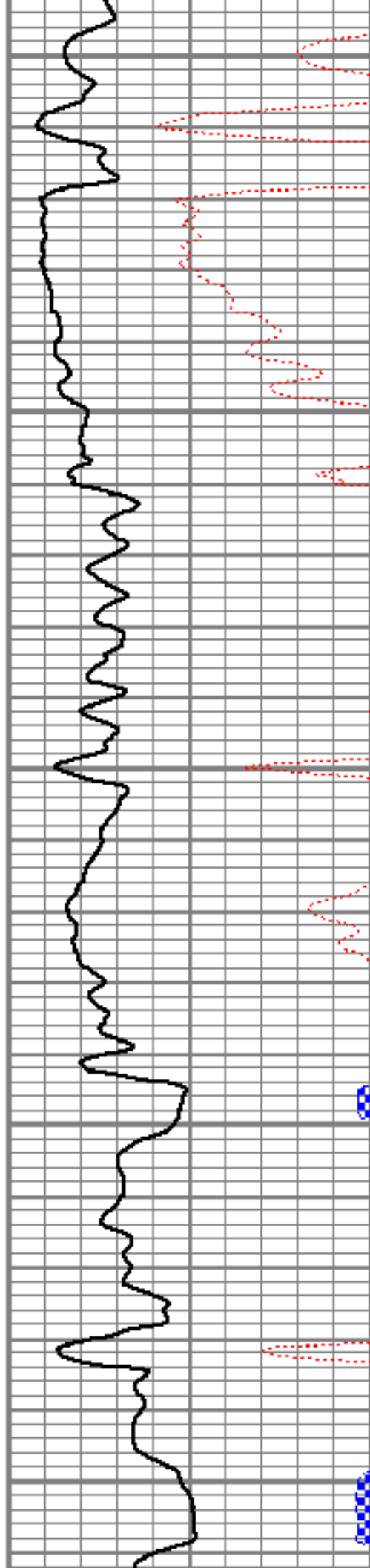
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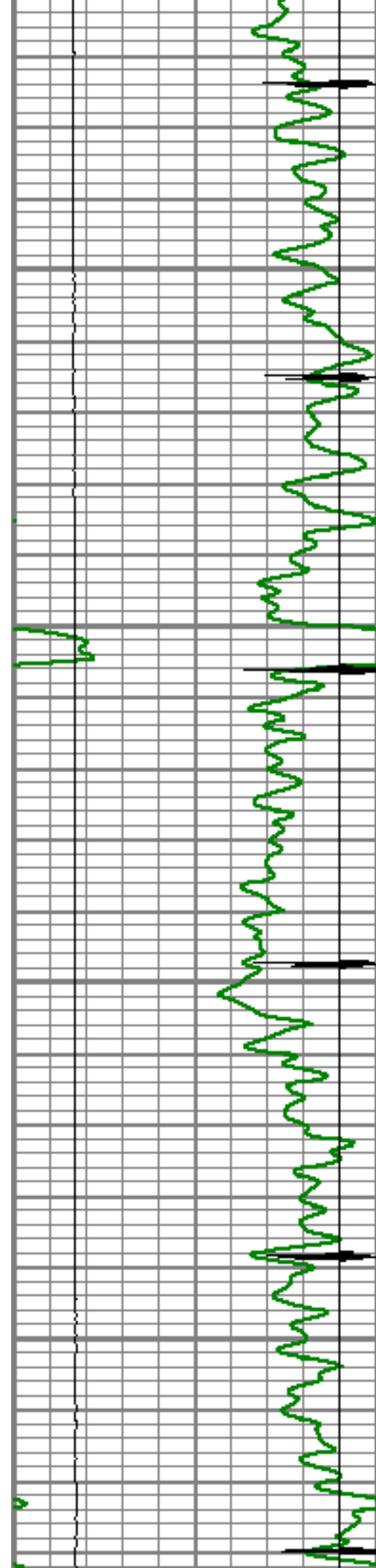
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4900



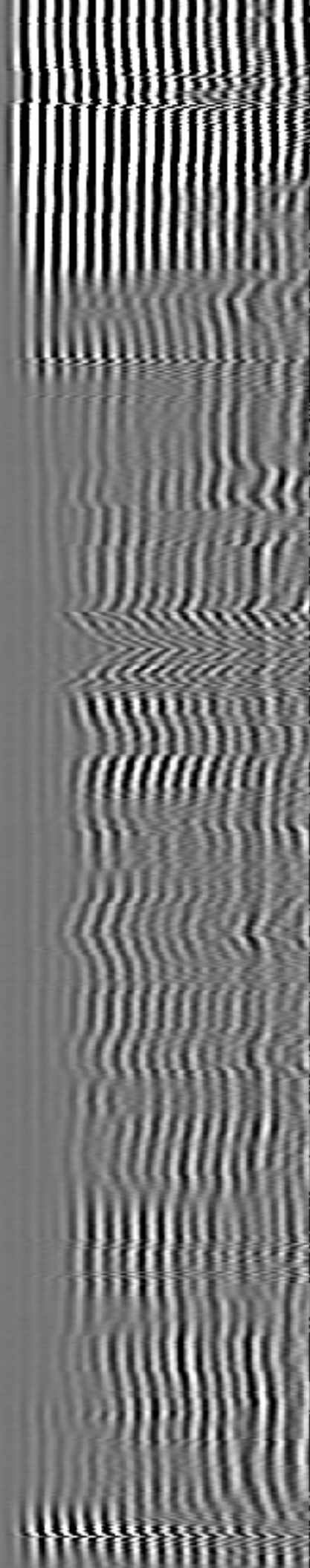
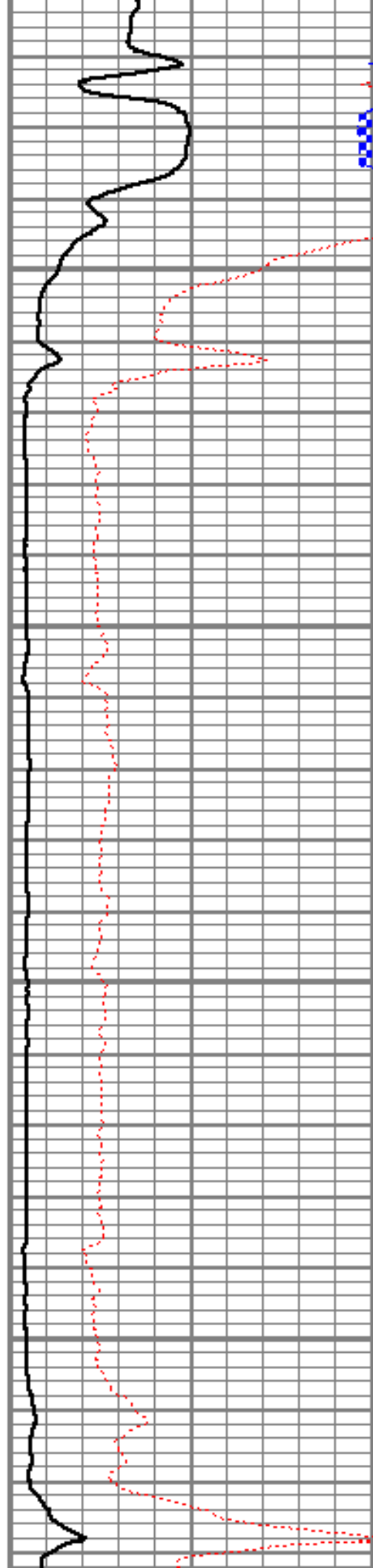


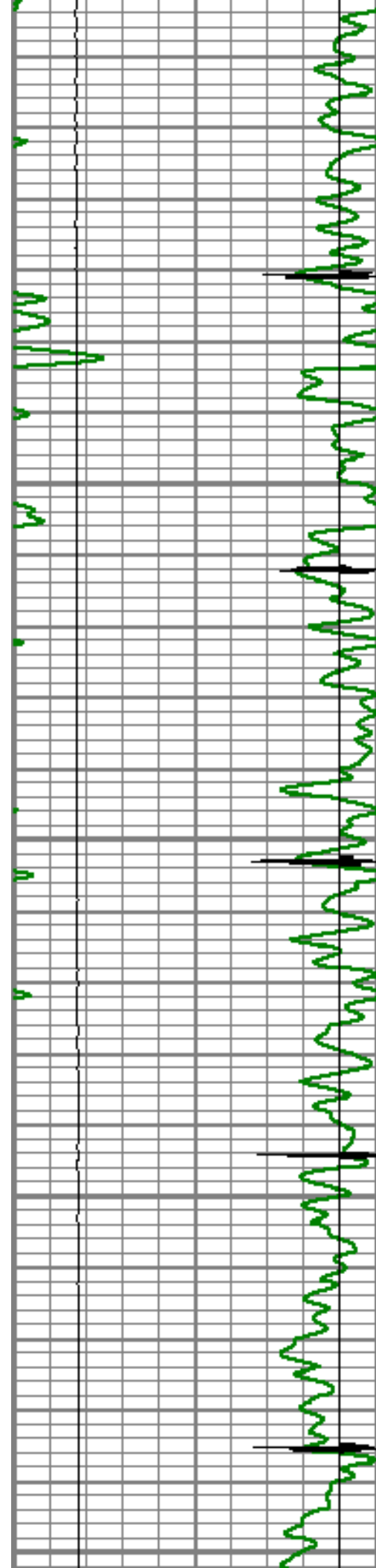
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5000

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5100





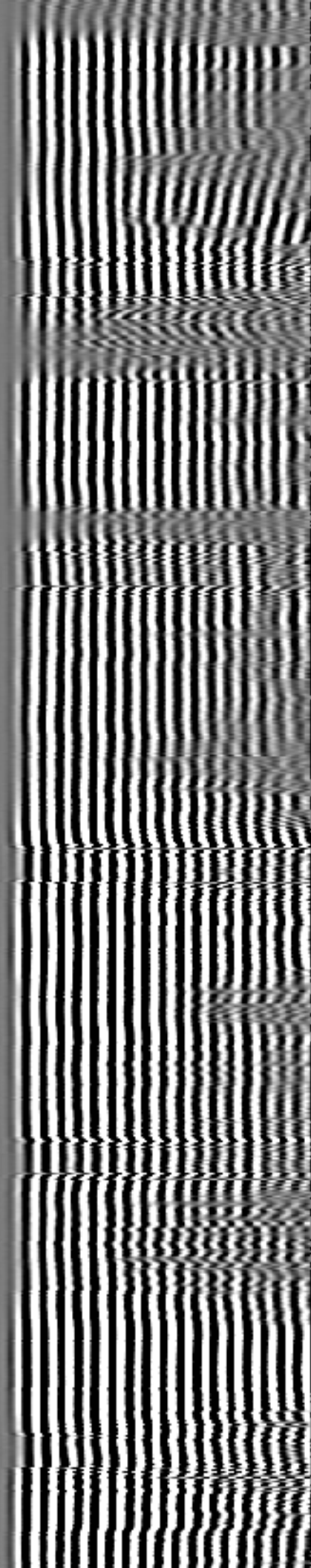
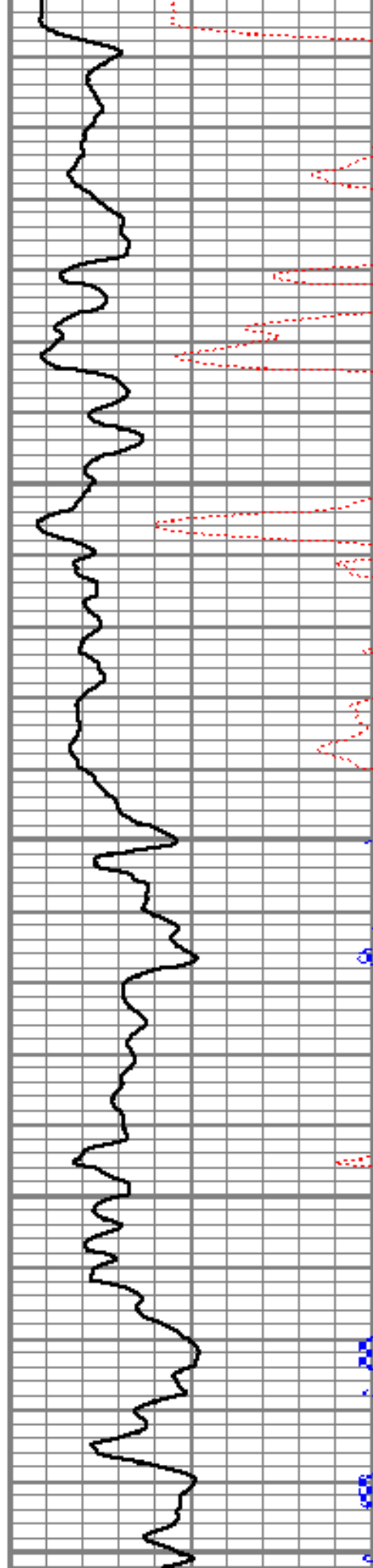
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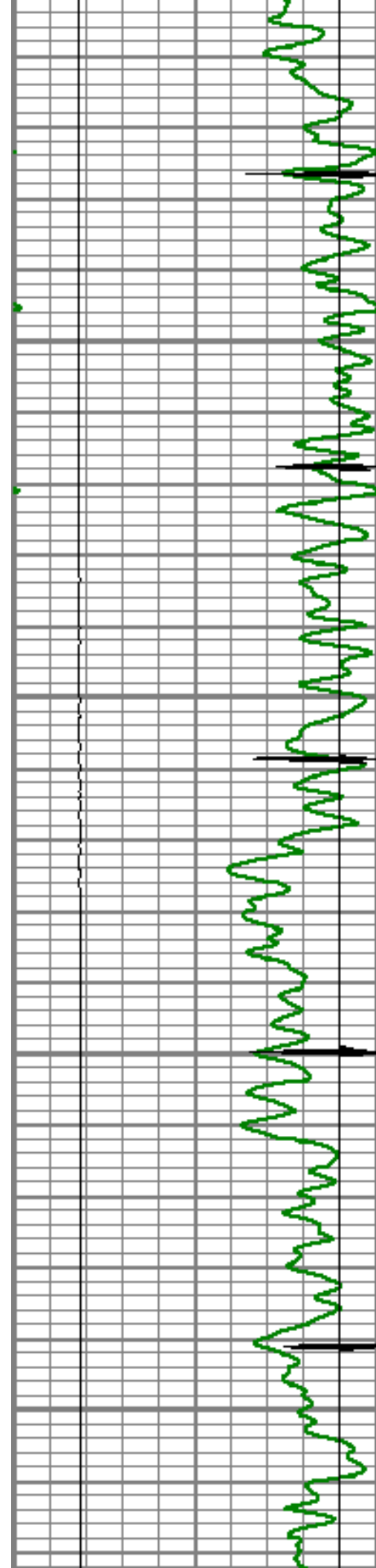
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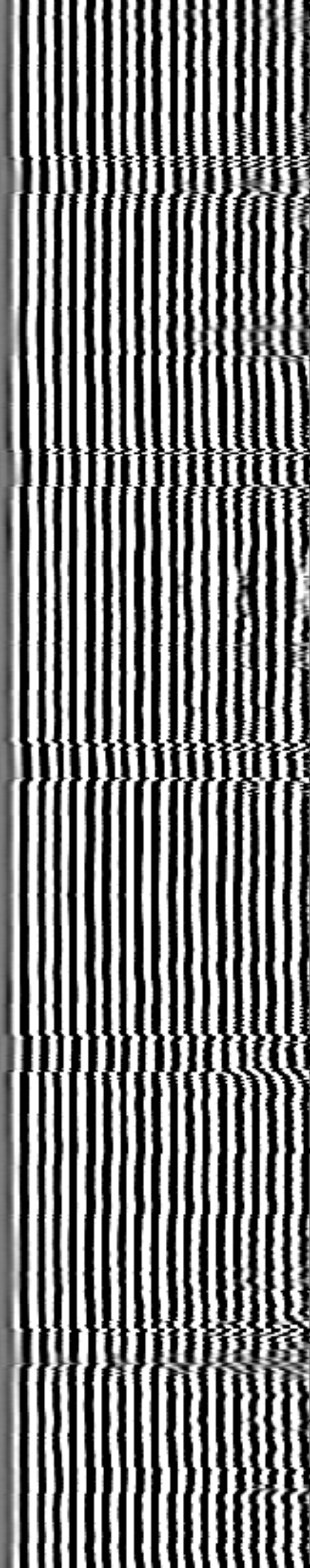
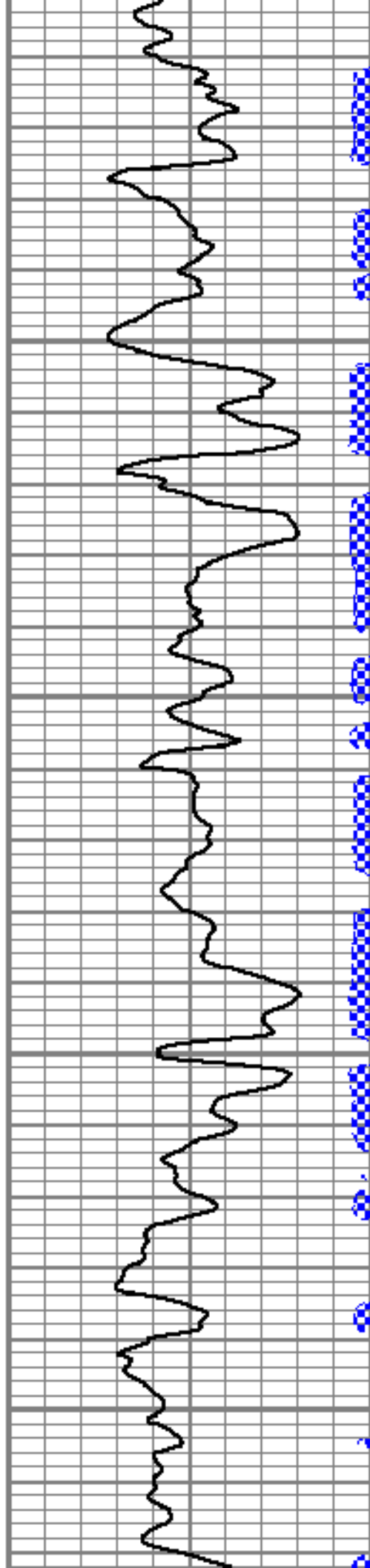


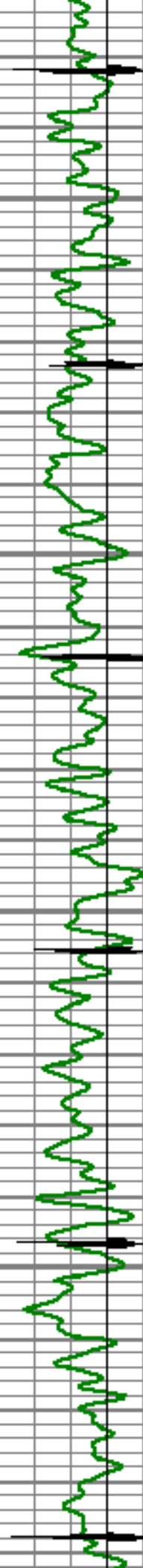
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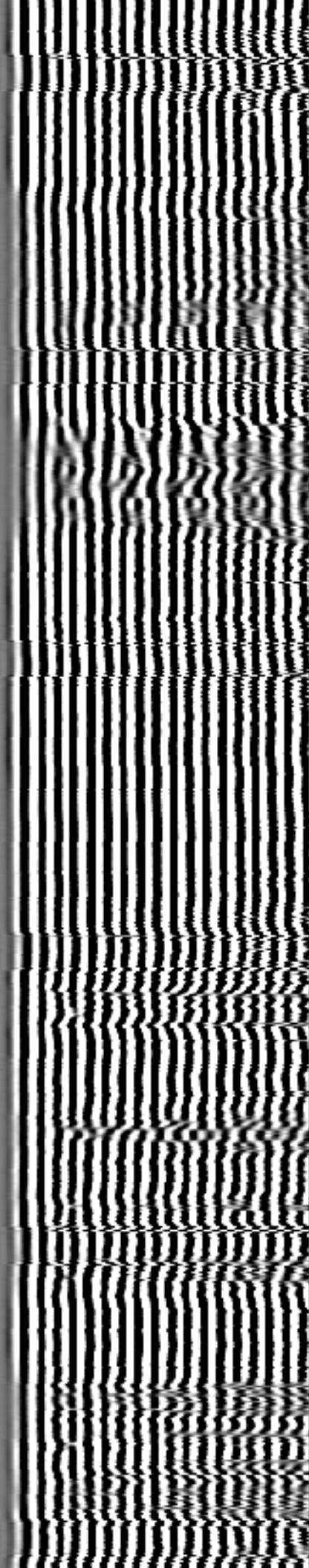
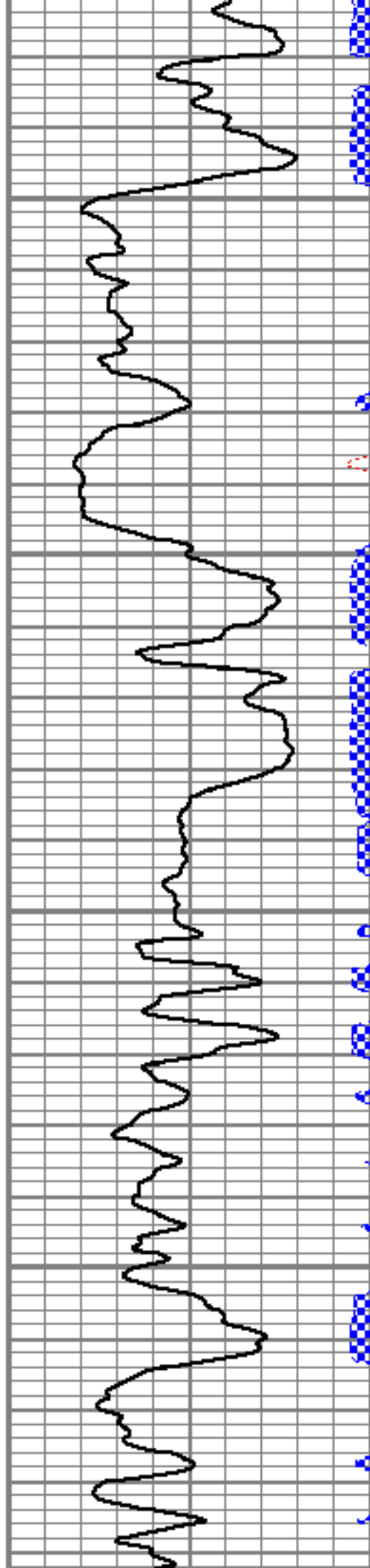


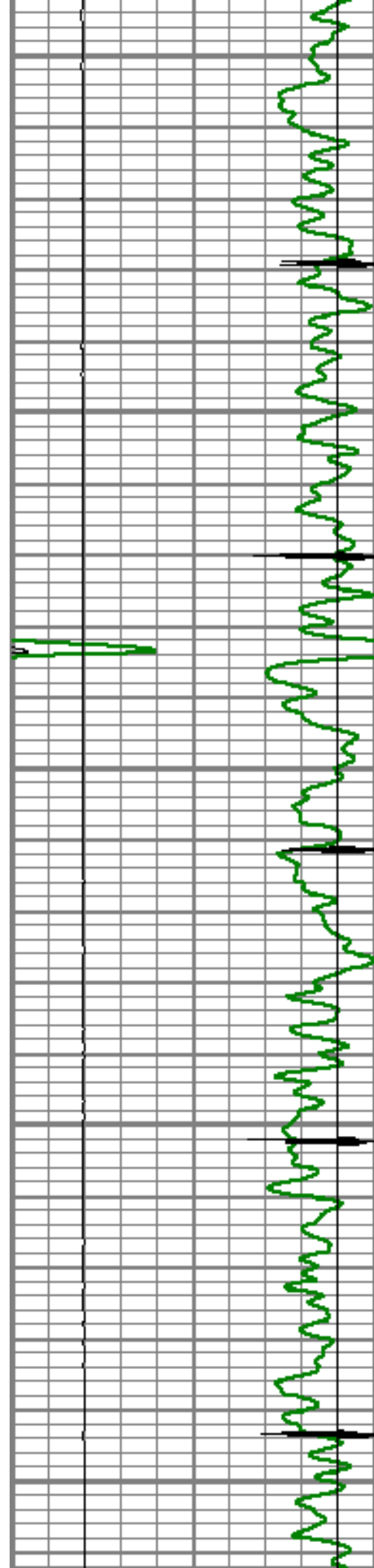
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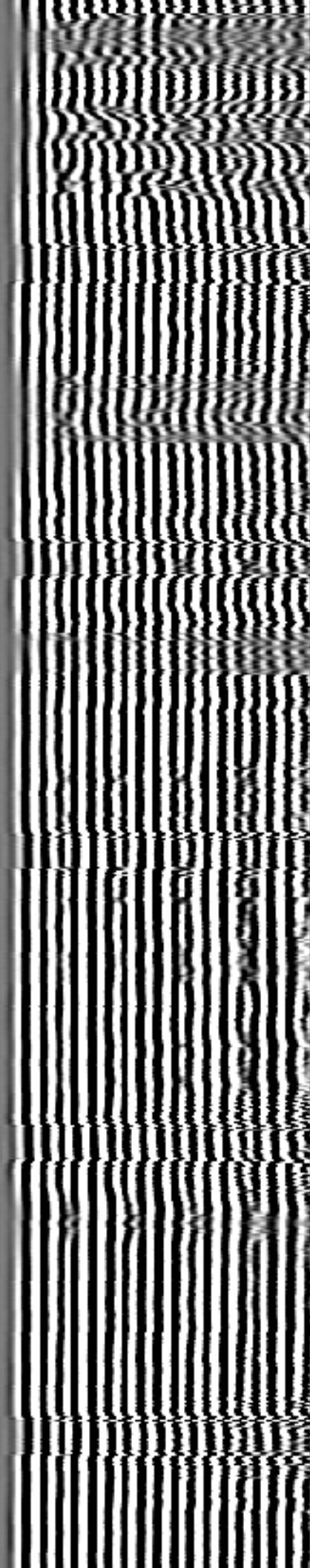
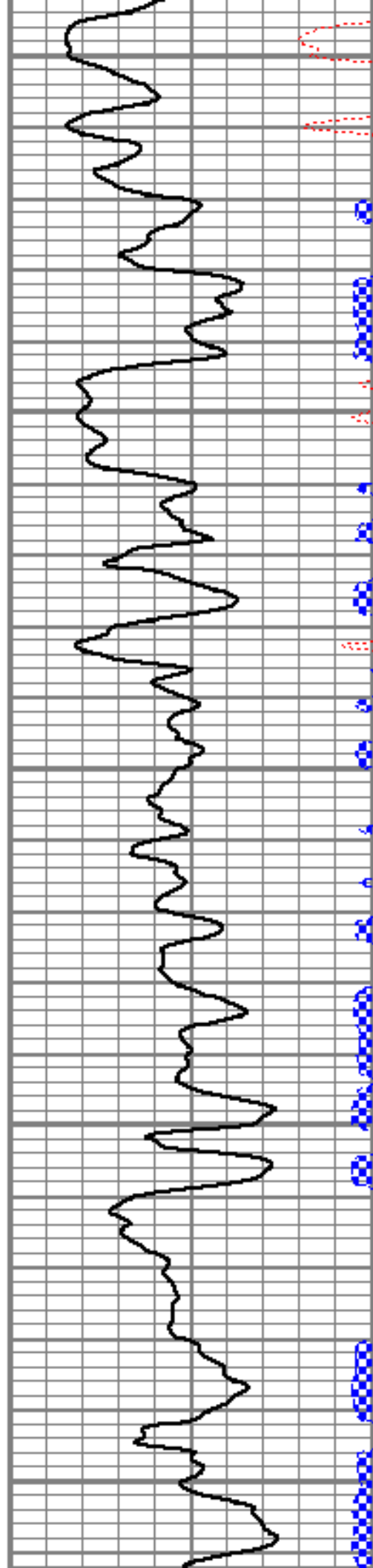
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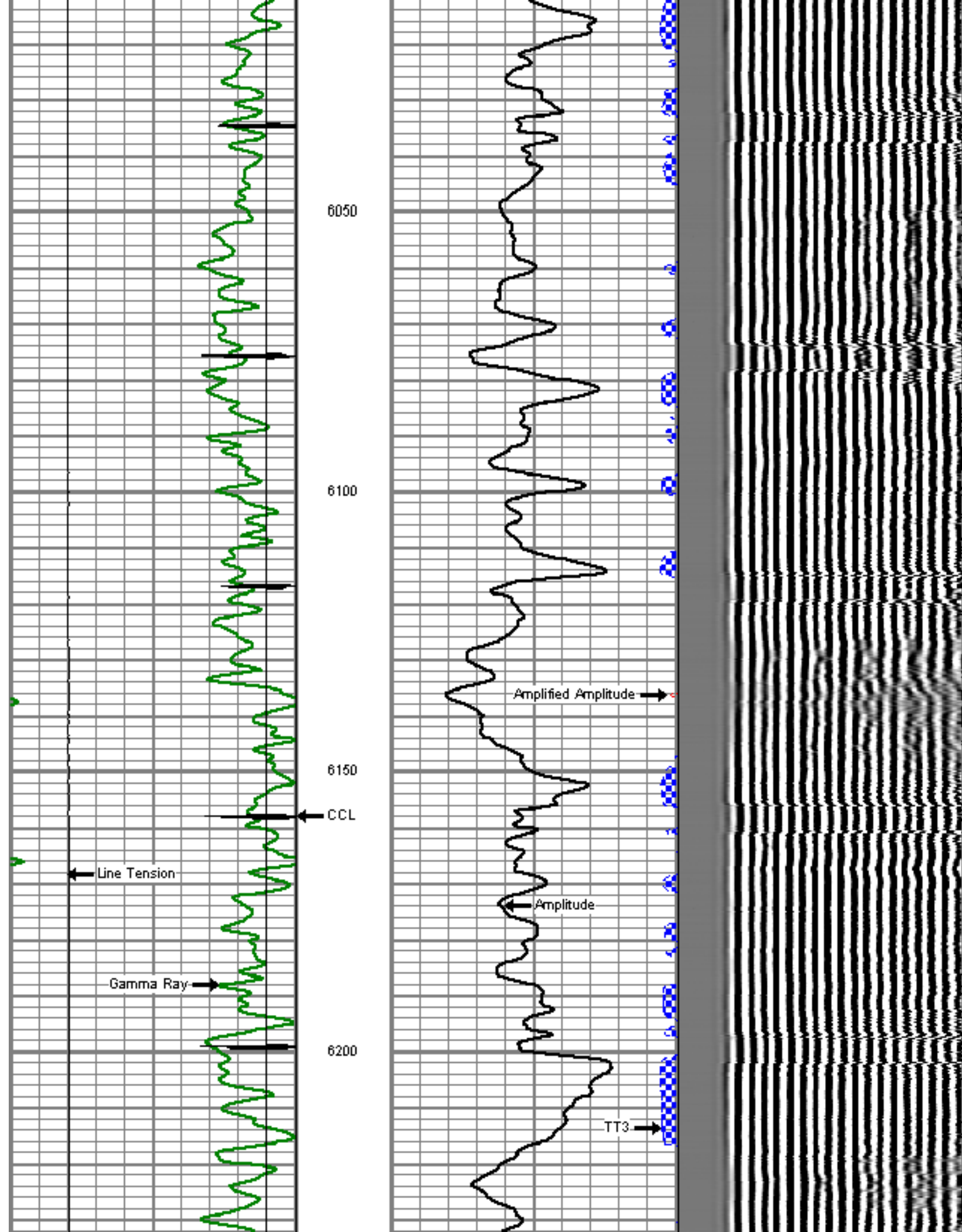
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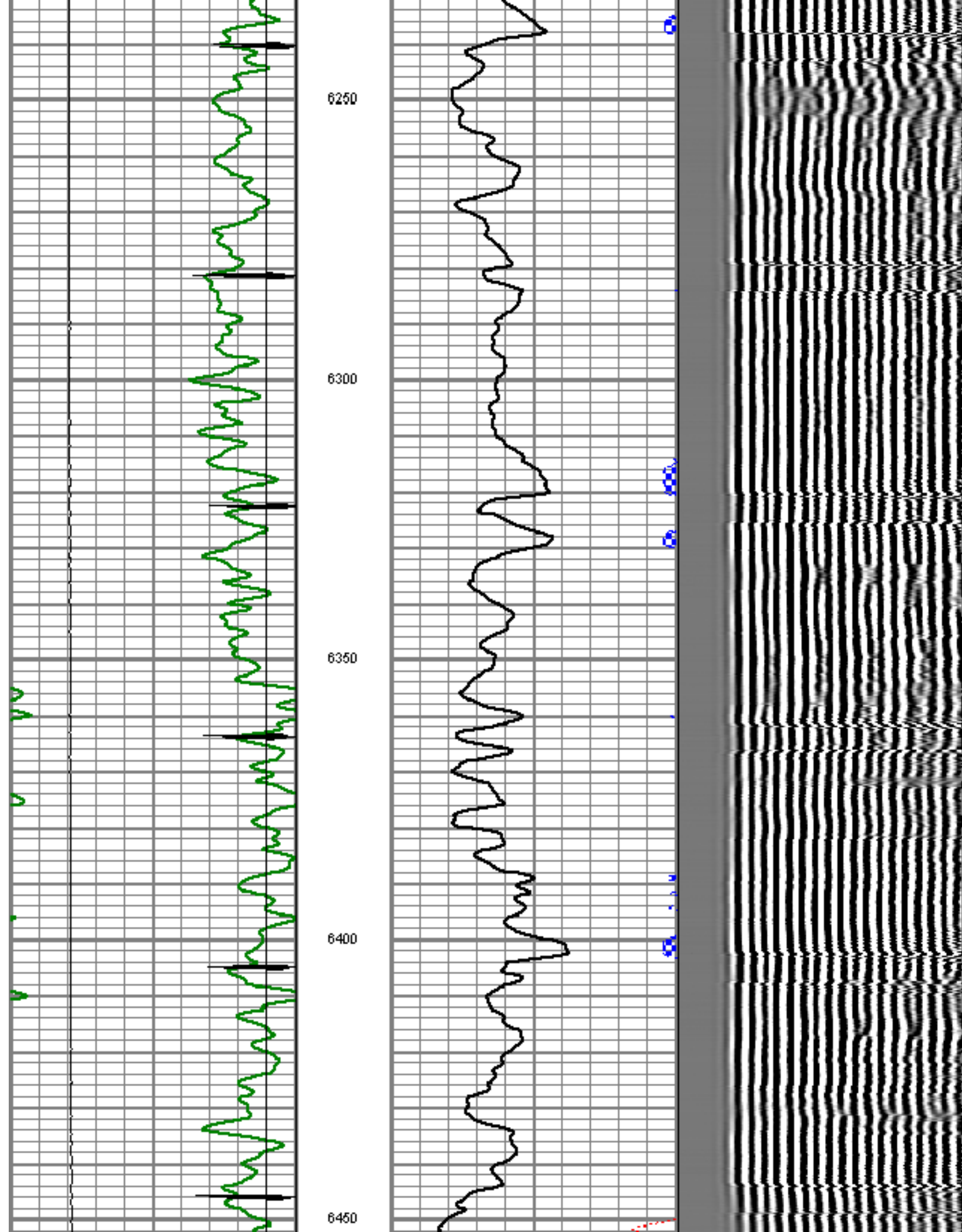
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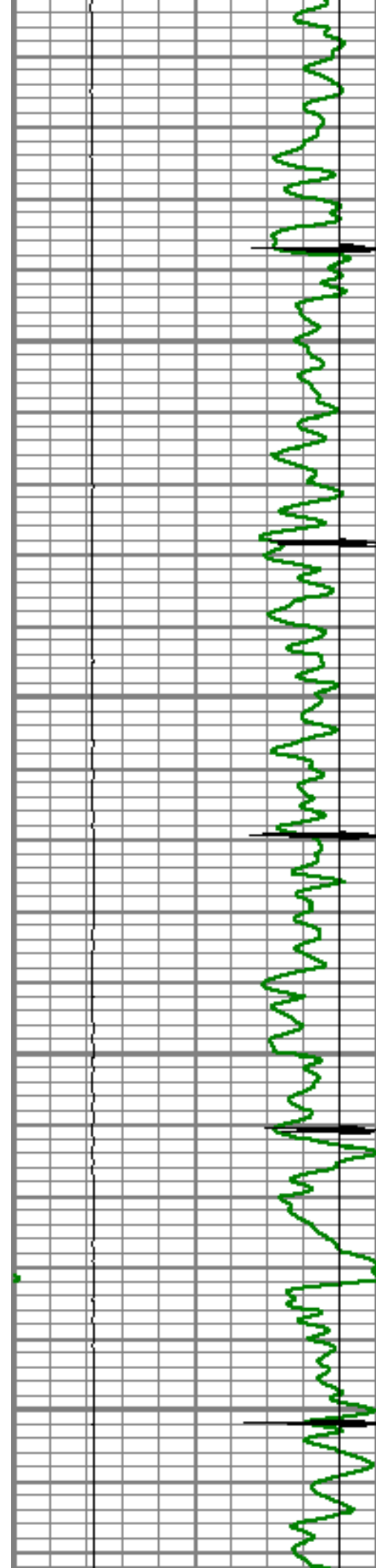
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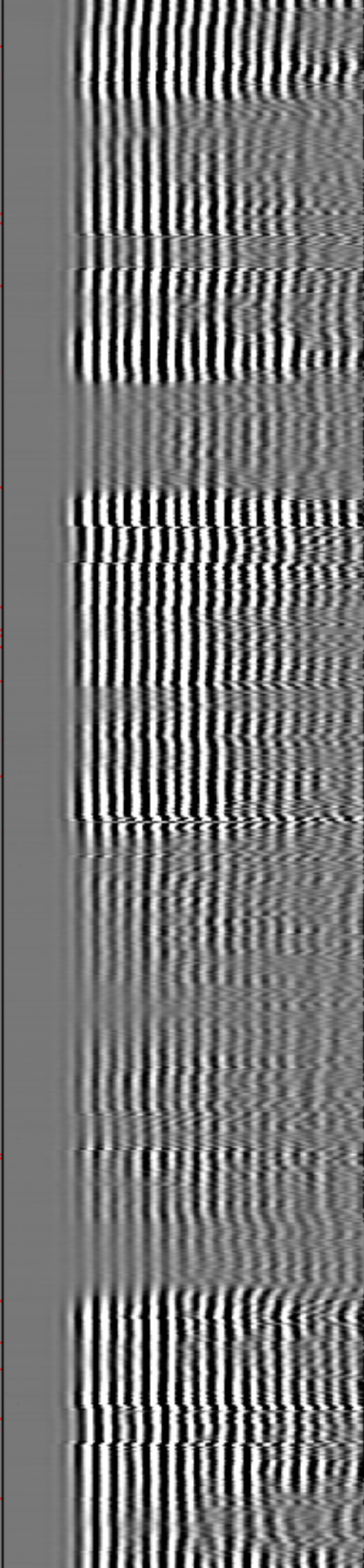
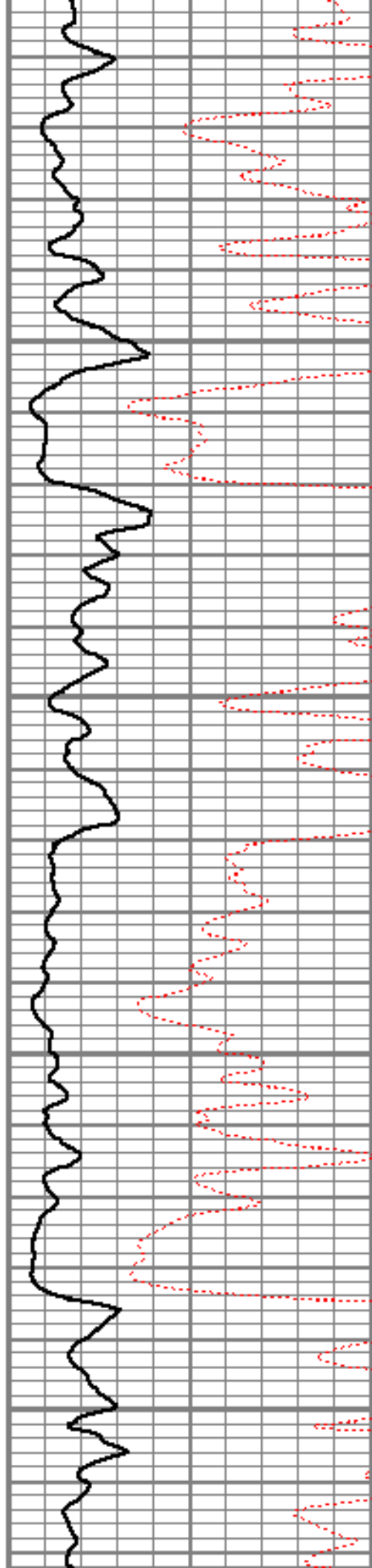


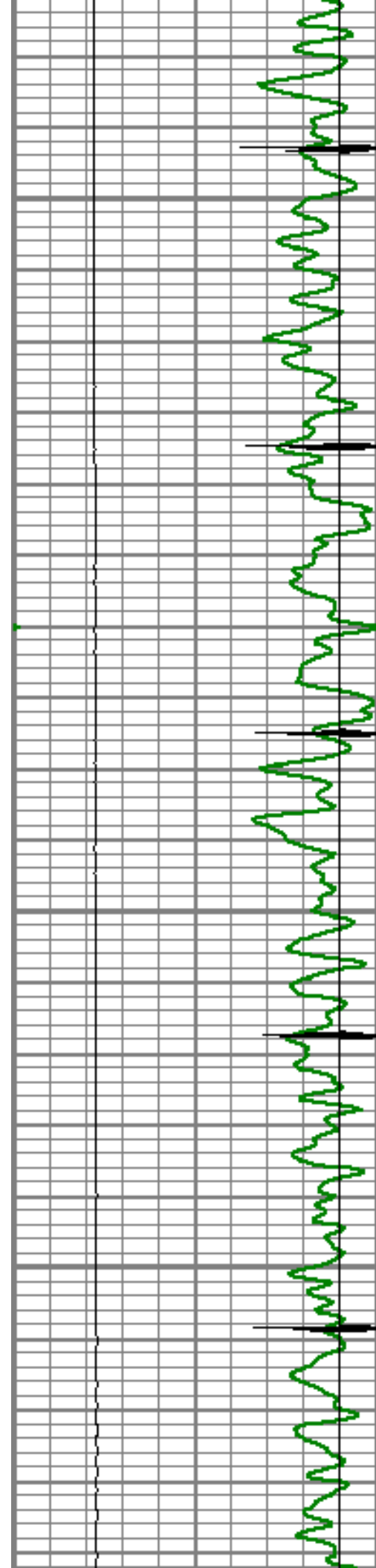
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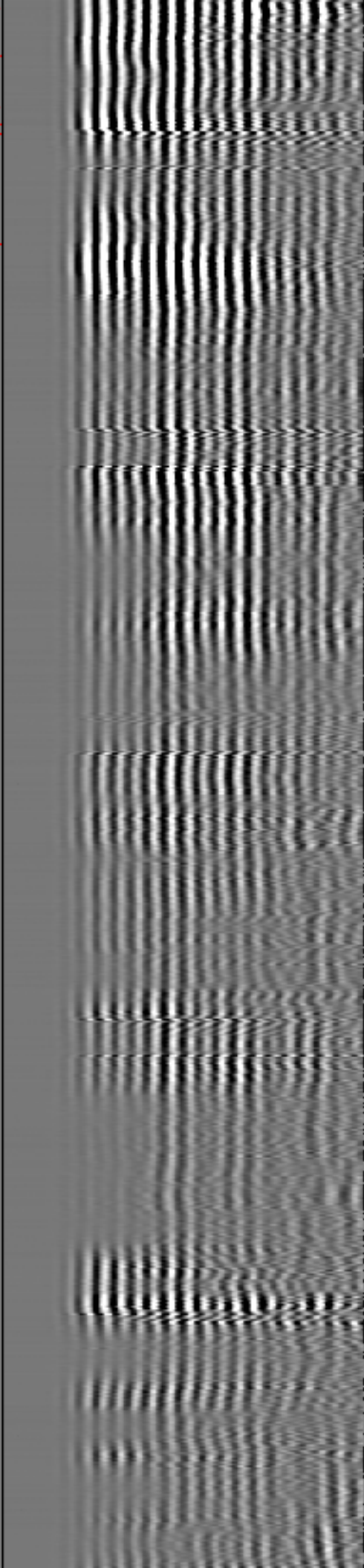
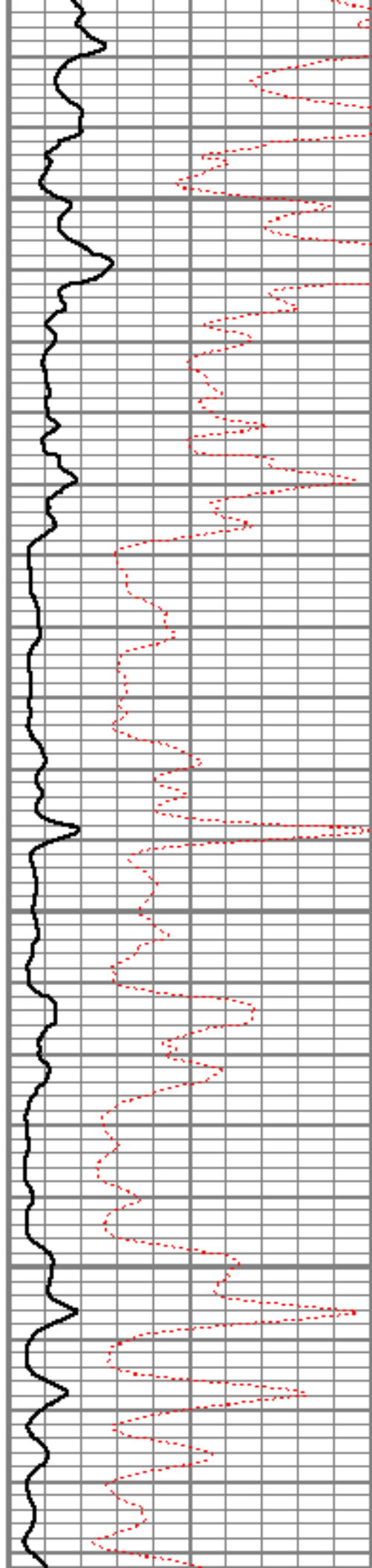


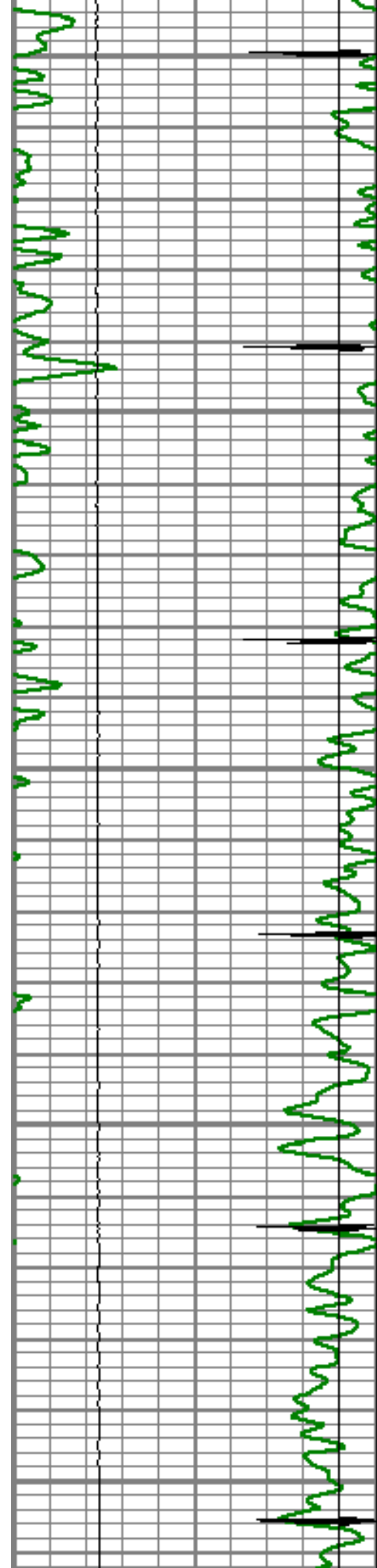
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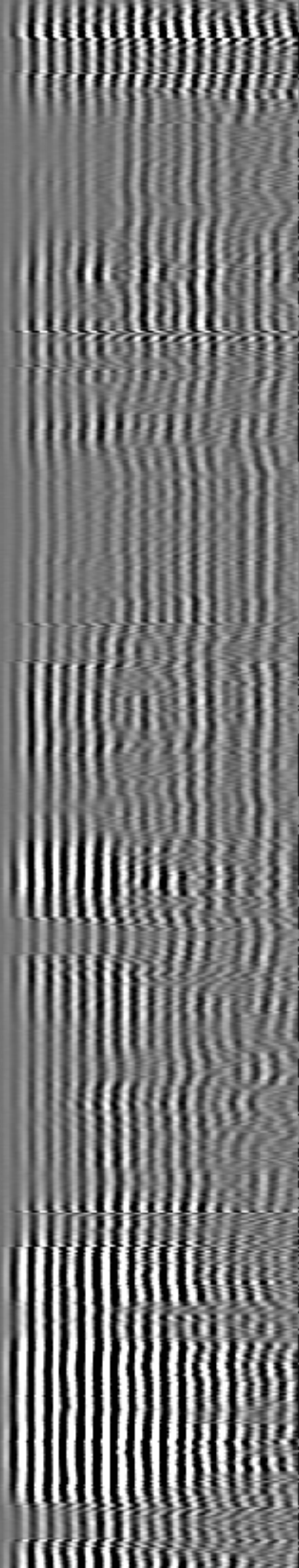
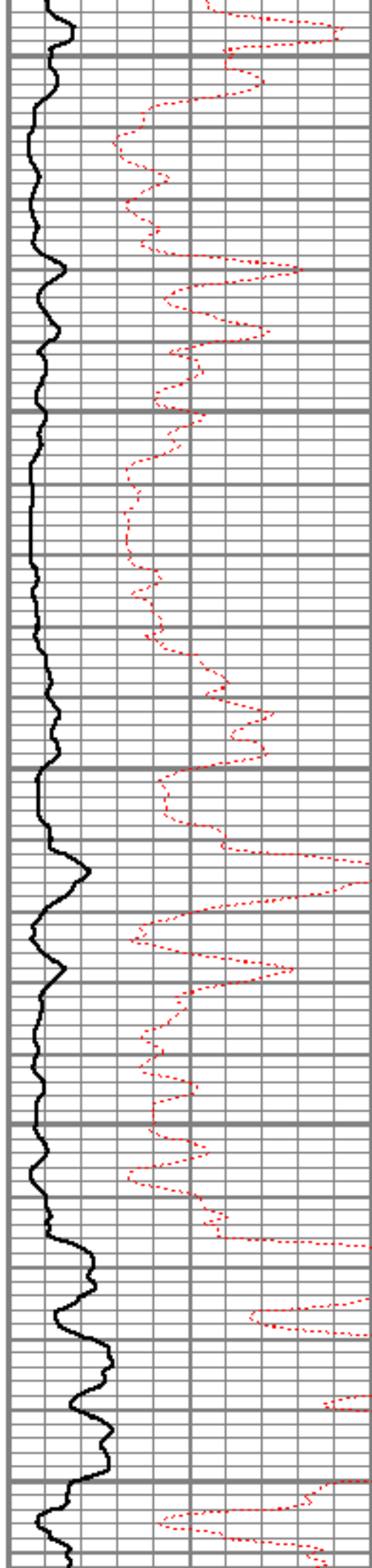
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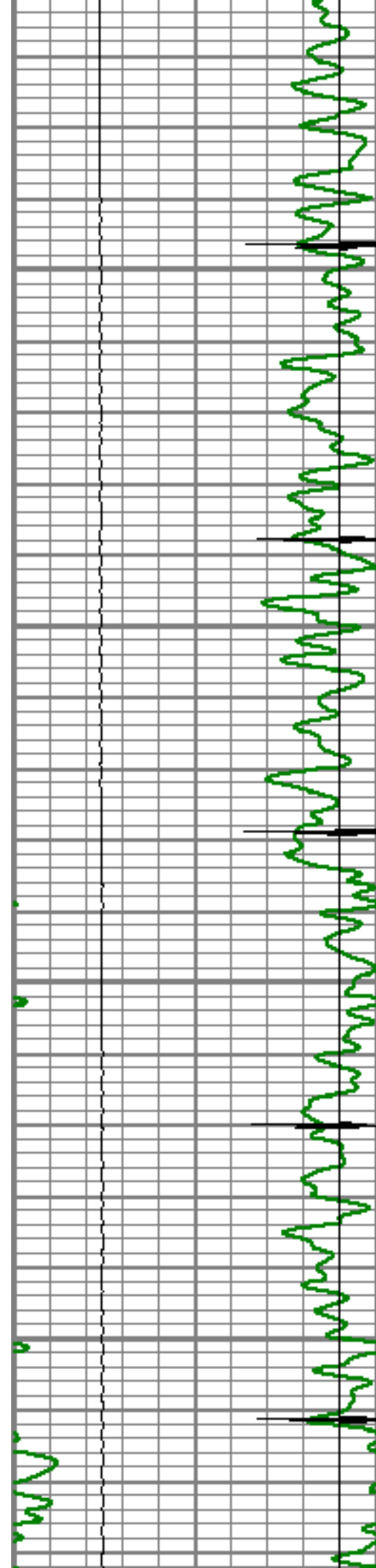
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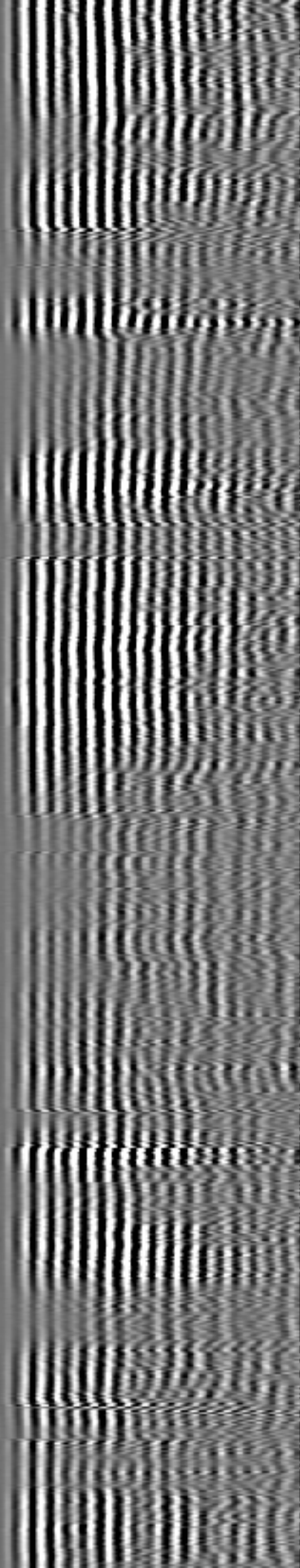
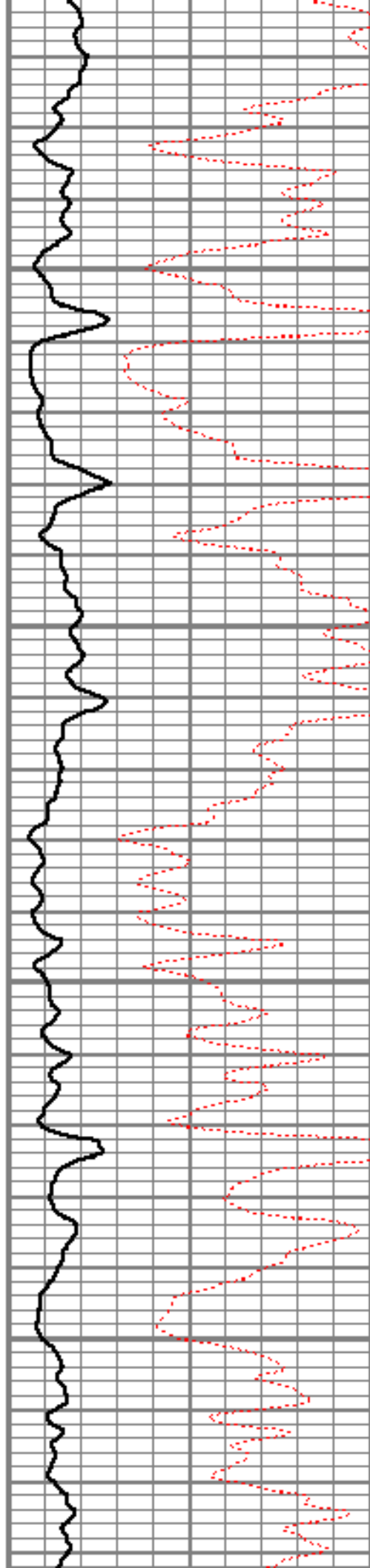


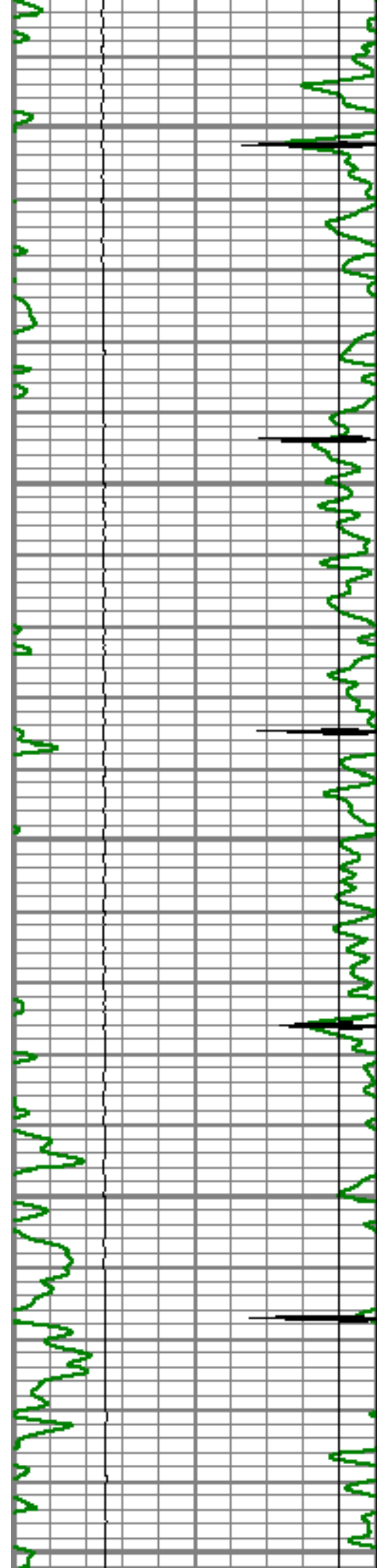
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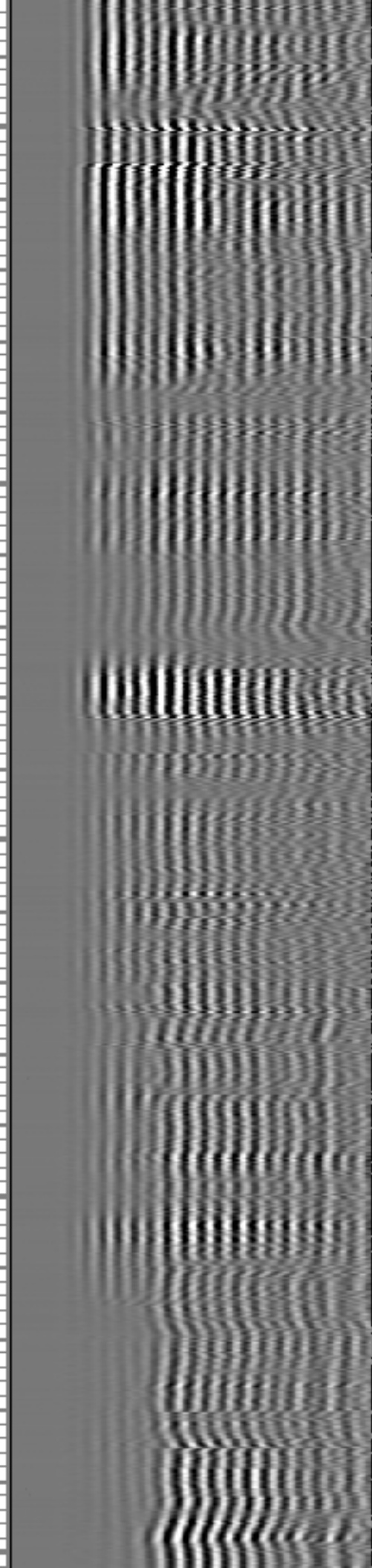
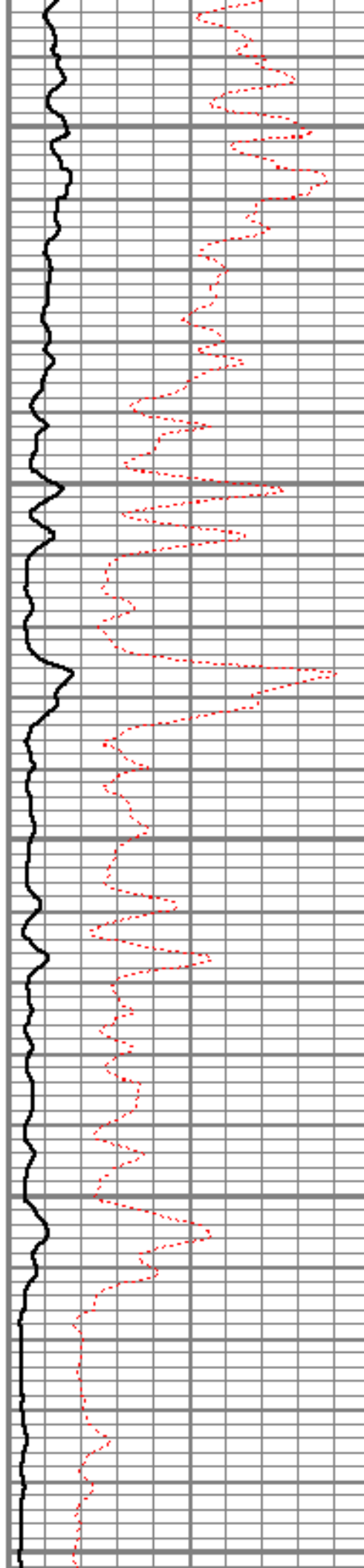
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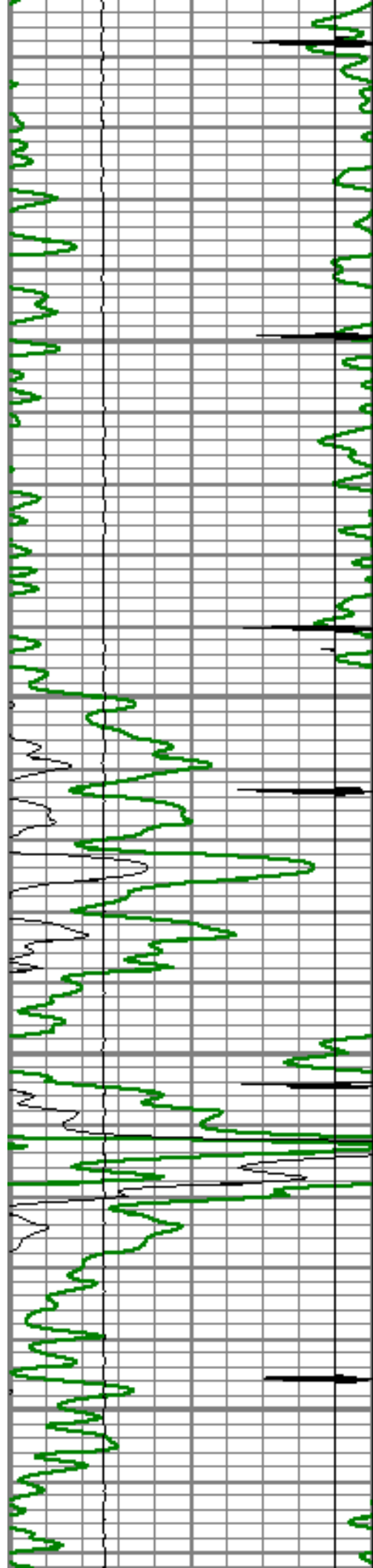
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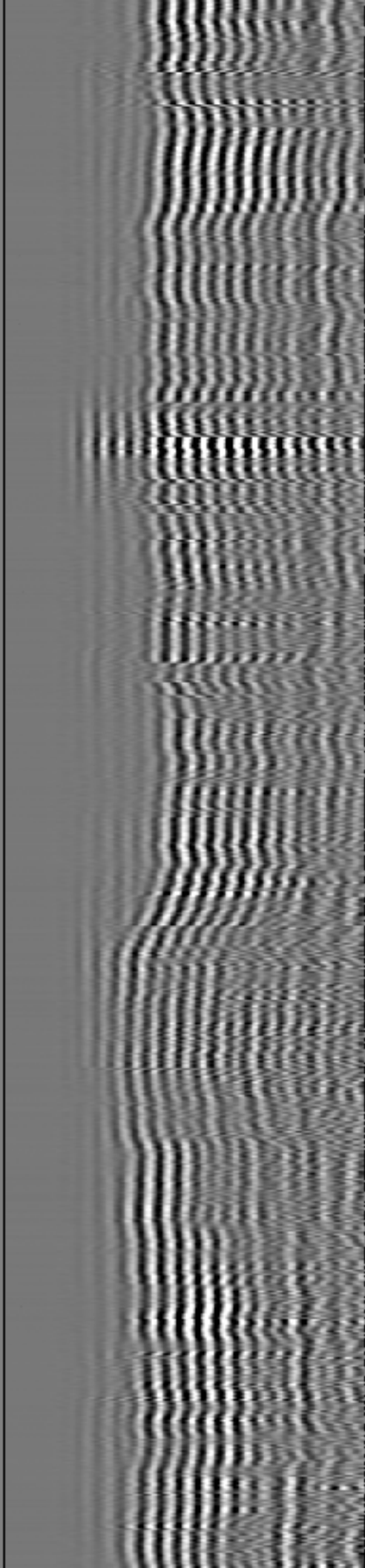
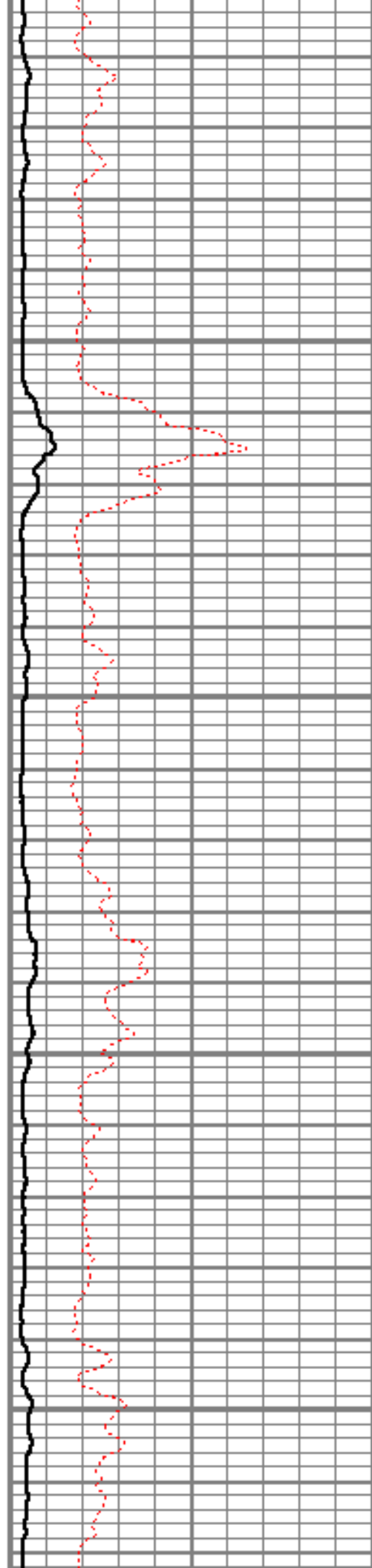


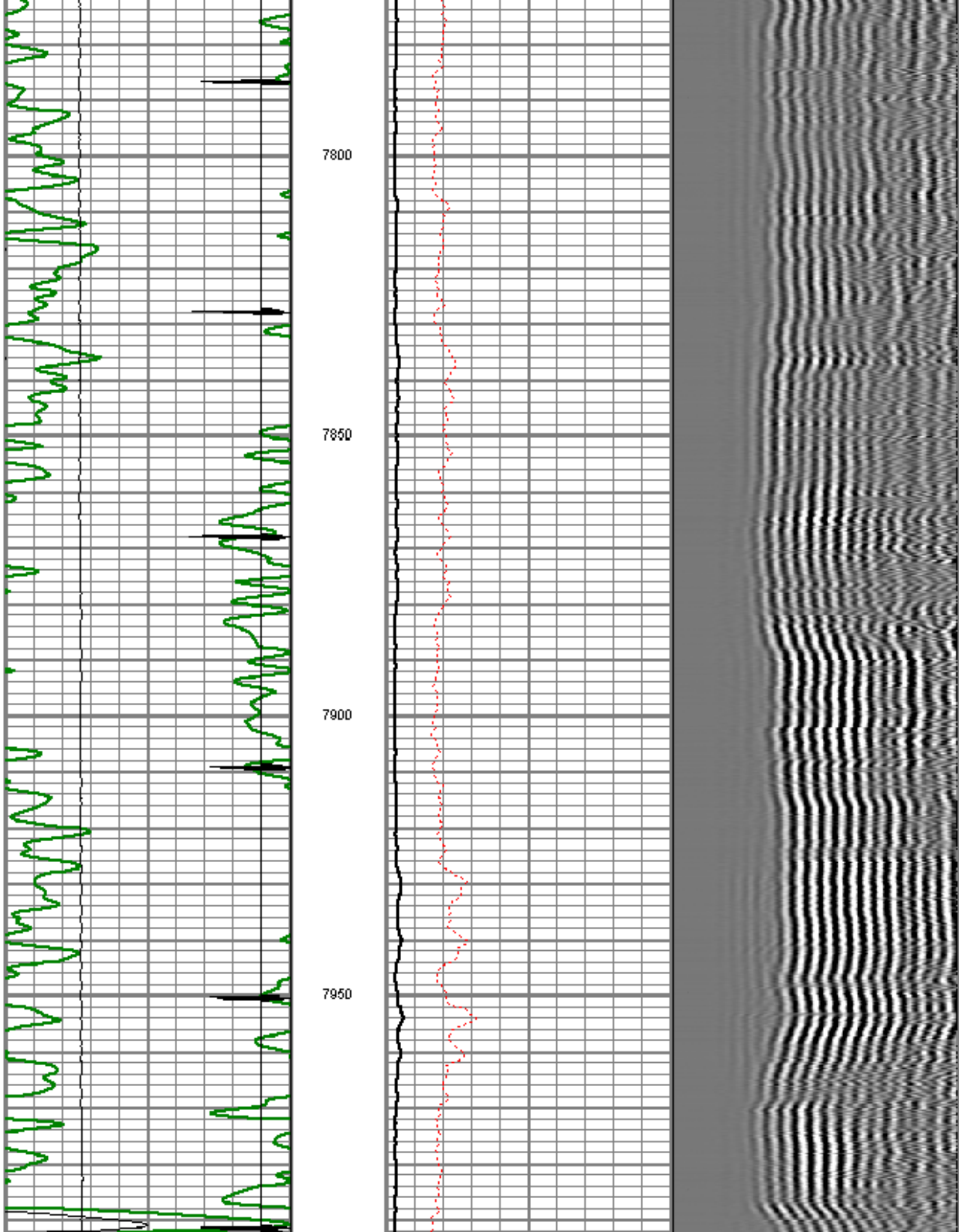
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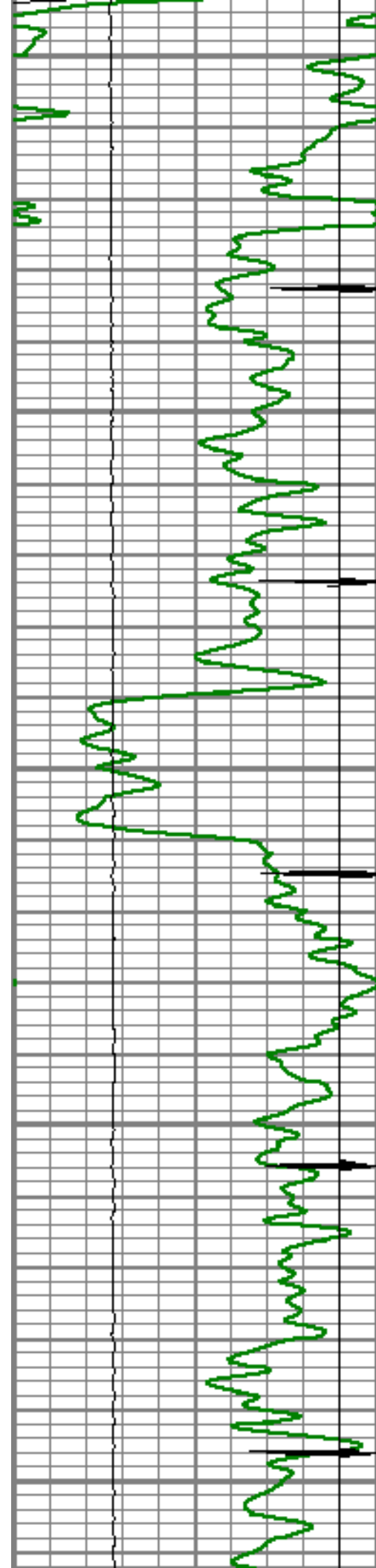
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Short Joint

7700

7750







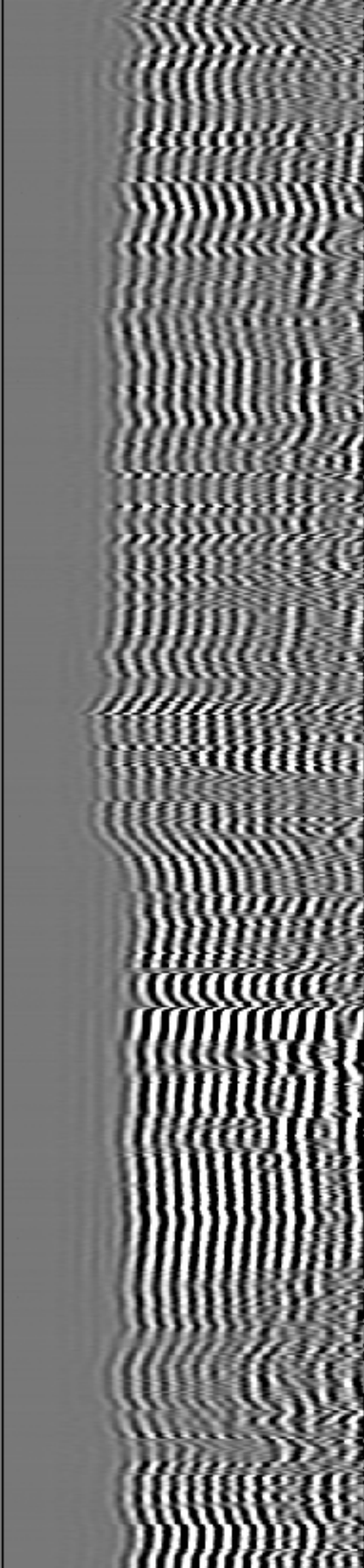
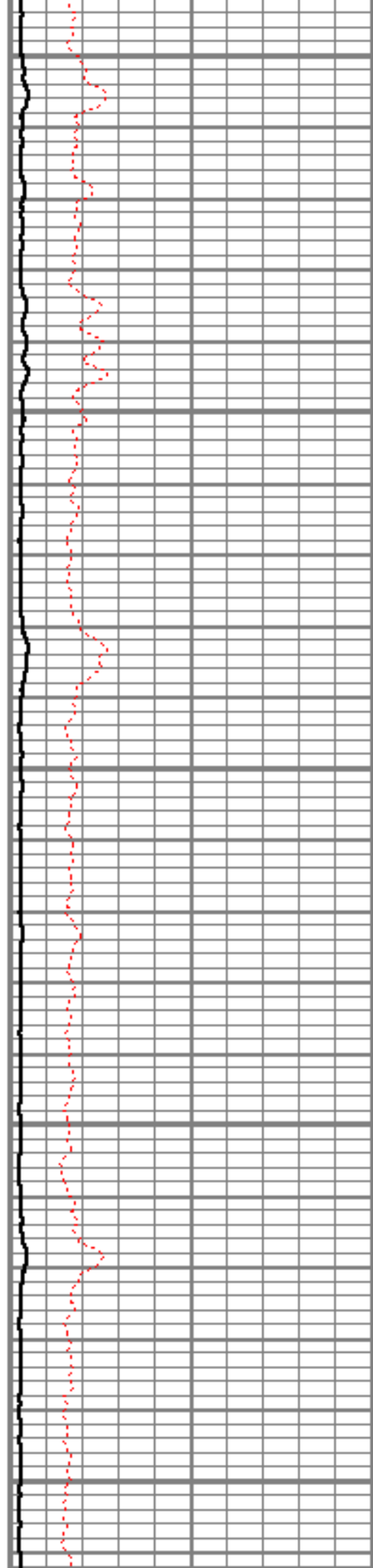
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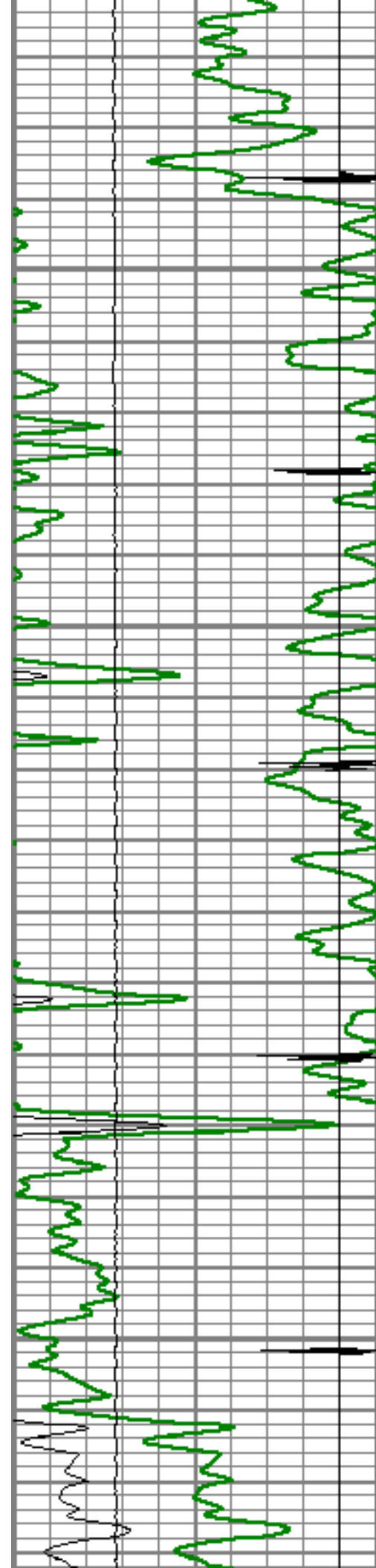
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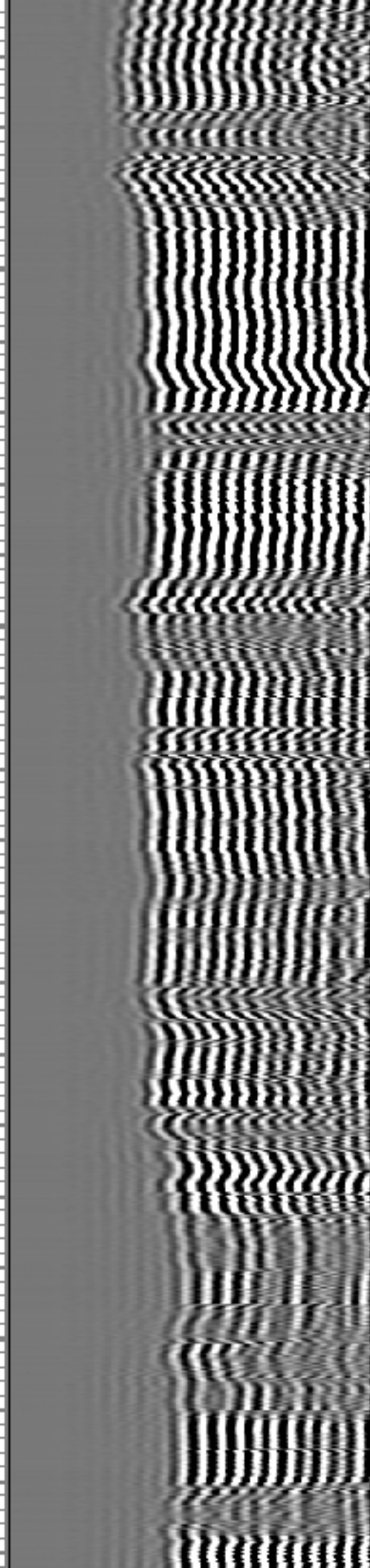
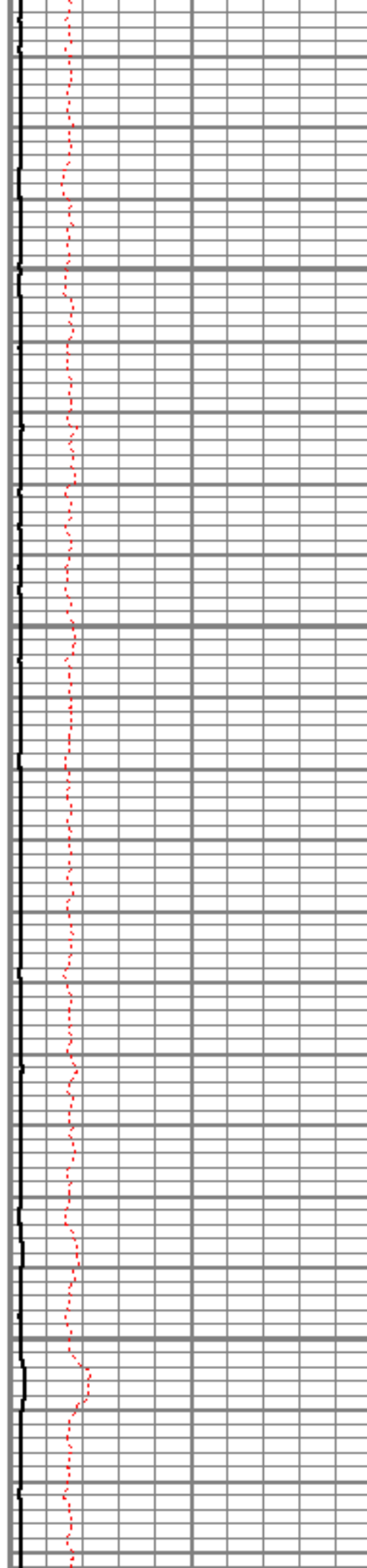


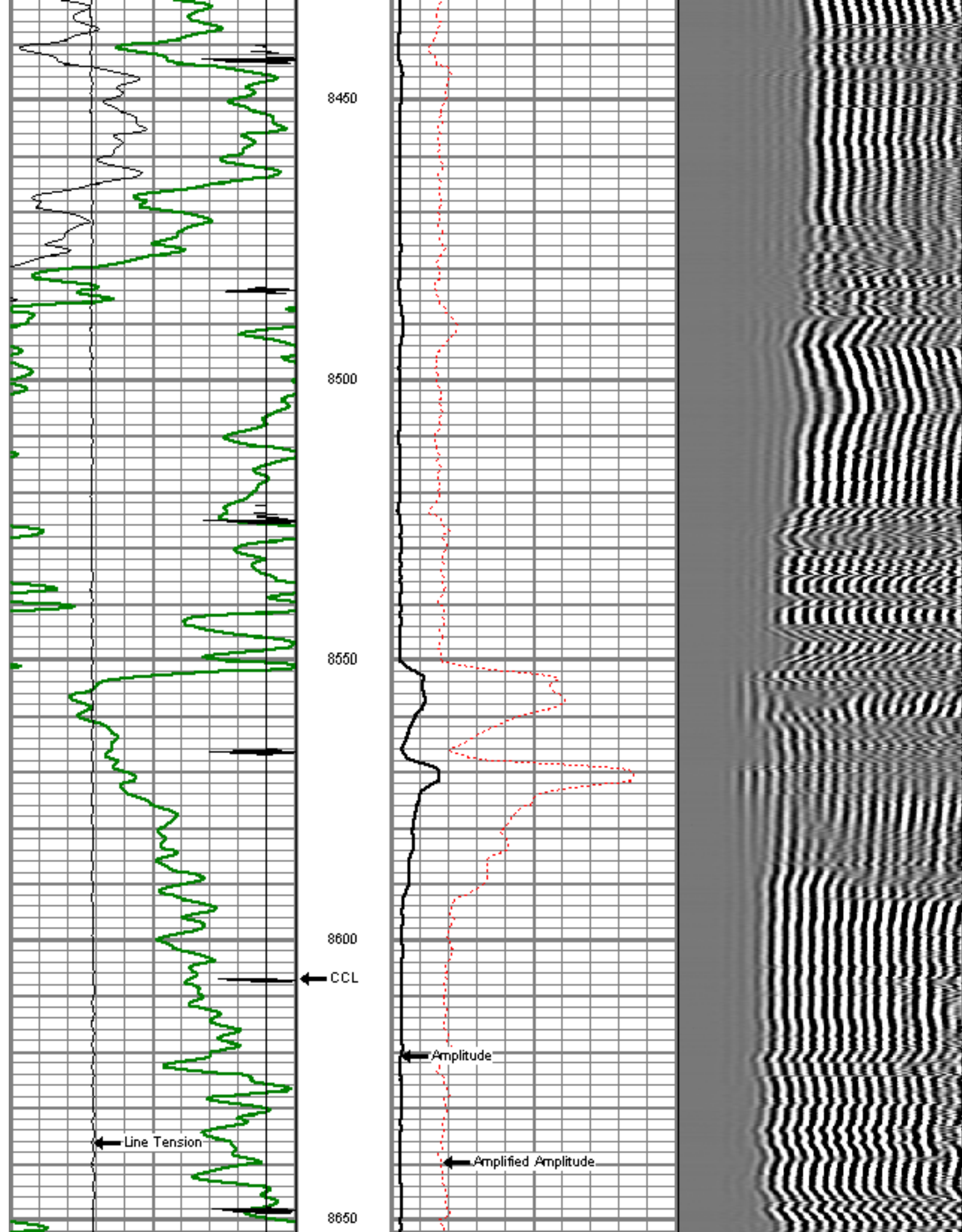
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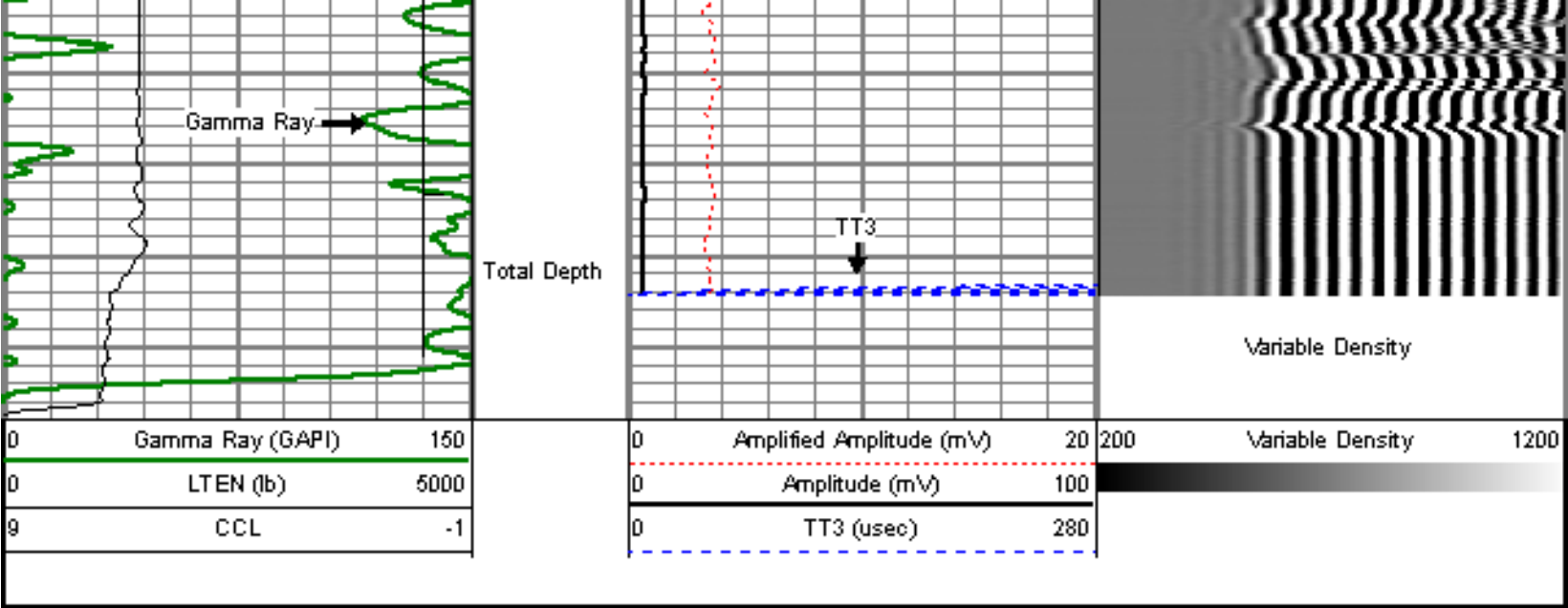
8300

8350

8400







Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF3	13.54		CBL-Probe (DCBL_PRB_275_01) Probe 275" Dual Receiver Boid	8.77	2.75	60.00
WVF5	12.54					
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00

CCL	5.50		GR-Probe (GRCCL_PRB_275_01) Probe 275" 4 Channel Probe	4.54	2.75	30.00
GR	2.77		TEMP-1.375TEMP (11116HT) 1.375 Titanium Temp Tool	1.88	1.40	30.00
TEMP	0.17					
Dataset: costigan 8-6.db: field/well/run1/pass10 Total Length: 21.96 ft Total Weight: 141.50 lb O.D. 2.75 in						

	Company	ENCANA OIL & GAS (USA)
	Well	COSTIGAN 8-6-20
	Field	WATTENBERG
	County	WELD
	State	COLORADO