

CEMENT BOND LOG

Mesa Wireline

Company ENCANA OIL & GAS (USA)
Well RODMAN BRUNTZ 22-26
Field WATTENBERG
County WELD
State COLORADO

Company ENCANA OIL & GAS (USA)
Well RODMAN BRUNTZ 22-26
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-32168-0000
SHL: 1638' FNL & 985' FVL
BHL: 2130' FNL & 1980' FVL
SEC. 26 TWP. 2N RGE. 68W
Permanent Datum GROUND LEVEL Elevation 5075'
Log Measured From KELLY BUSHING = 12'
Drilling Measured From KELLY BUSHING
Other Services
NONE
Elevation
K.B. 5088'
D.F. 5089'
G.L. 5075'

Date 8 SEP 2011

Run Number	ONE
Depth Driller	8312'
Depth Logger	8280'
Bottom Logged Interval	8280'
Top Log Interval	3300'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.34 LBS/GAL
Max. Recorded Temp.	260 DegF
Estimated Cement Top	3780'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	10801W / PB02
Location	AULT.CO
Recorded By	B. MAYNARICH
Witnessed By	C. RAYAS
Recorded By	K. MAY

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	0	1145'	N/A			
TWO	7.875"	0	8312'				

Casing Record		Weight		Top		Bottom	
Surface String	Size	Wgt/Ft	24#	0	1133'		
Prot. String	4.5"	11.6#	0	8298'			
Production String							
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

CORRELATED TO HIGH RESOLUTION INDUCTION LOG DATED 5 SEPT. 2011
SHORT JOINT: 7252' - 7274'

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

SURFACE CASING PASS

5" = 100'



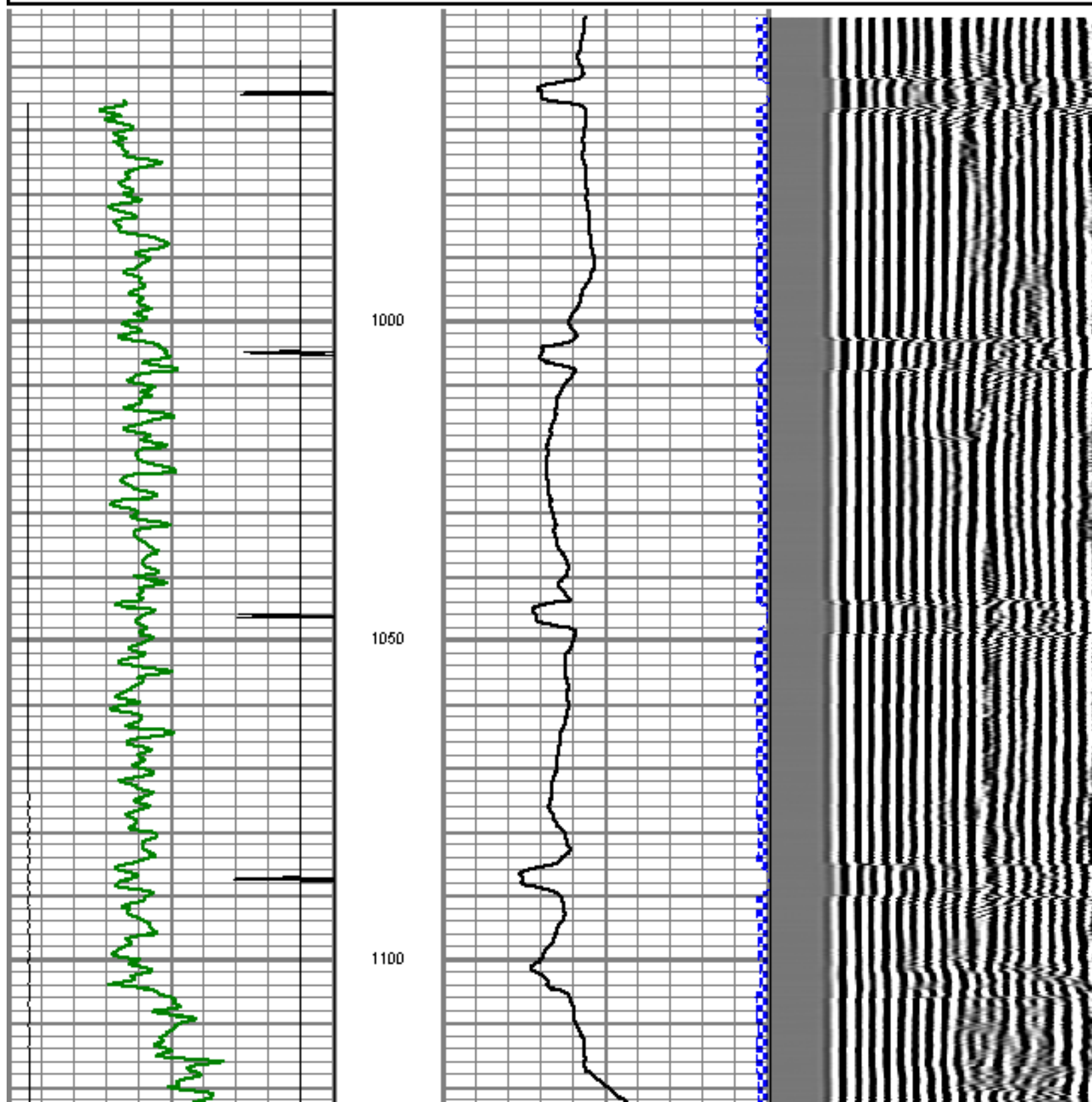
Mesa Wireline

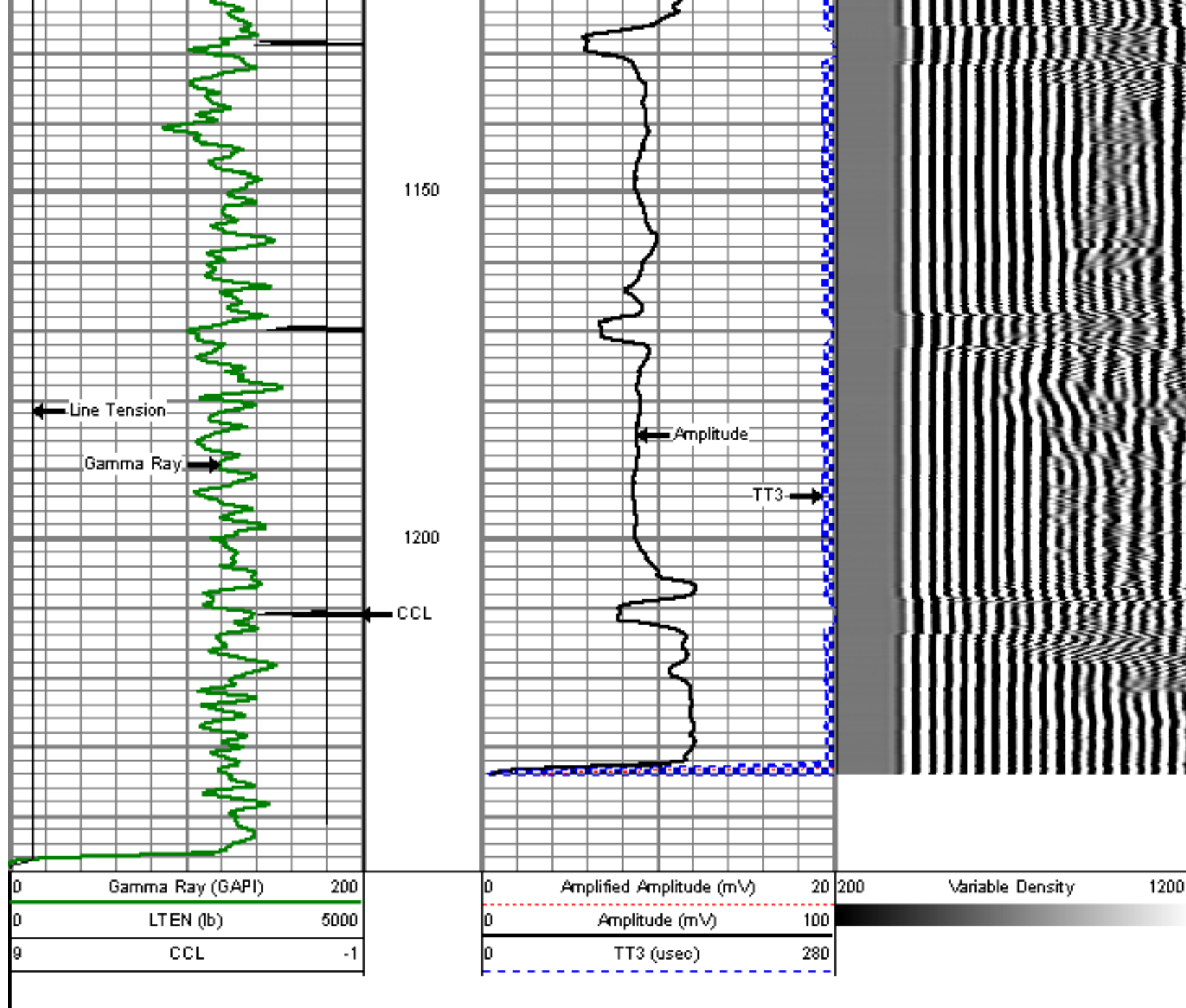
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 Dataset Pathname: pass14
 Presentation Format: dcbl_prb
 Dataset Creation: Thu Sep 08 15:31:23 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240

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

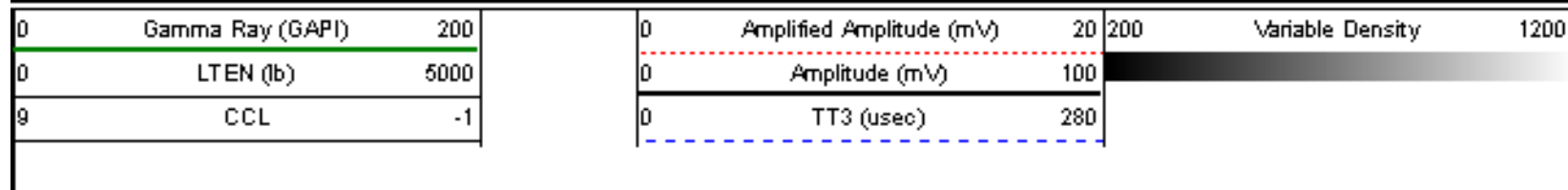


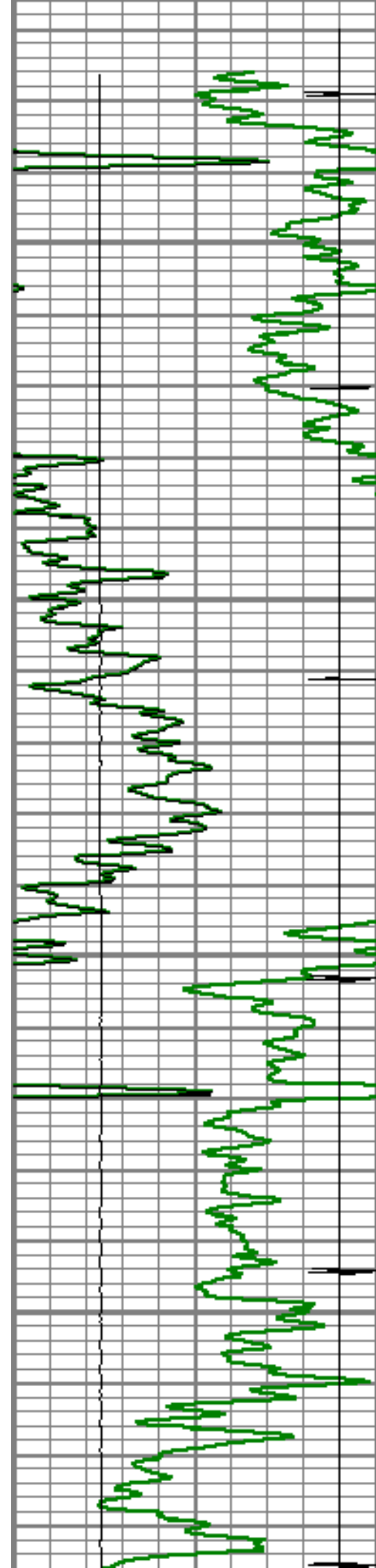


REPEAT PASS

5" = 100'

Database File: rodman 22-26.db
 Dataset Pathname: pass12
 Presentation Format: dcbl_prb
 Dataset Creation: Thu Sep 08 13:54:29 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240



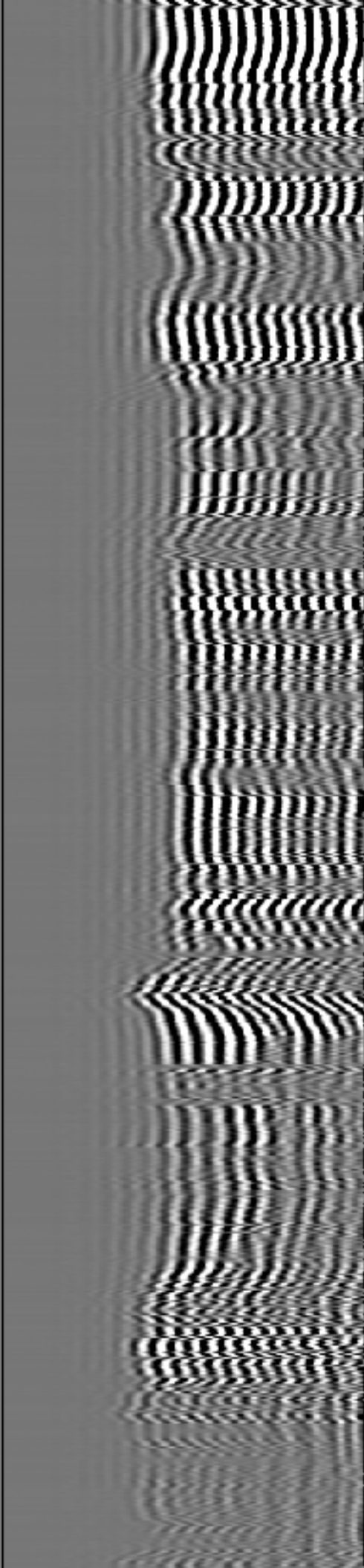
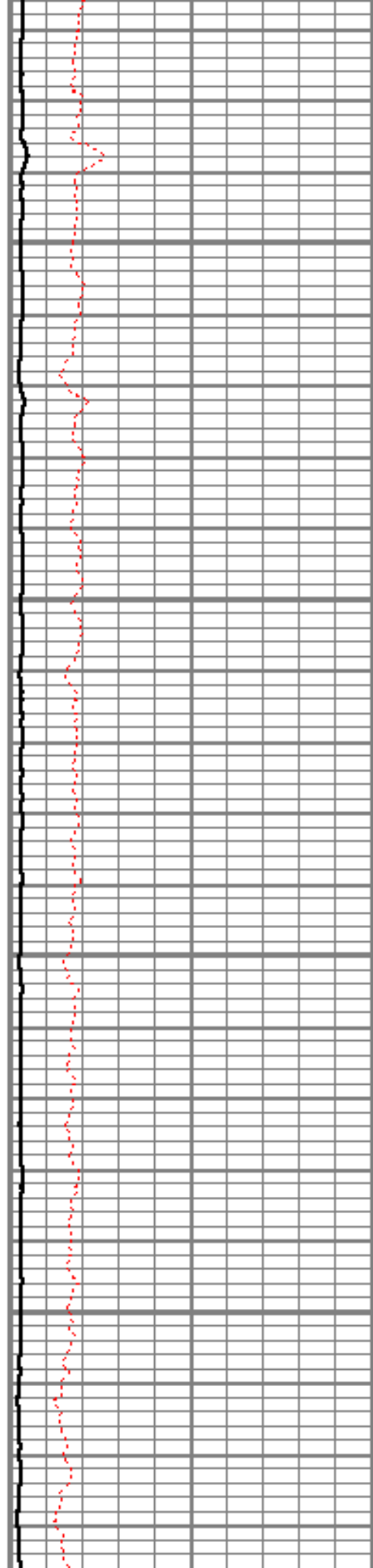


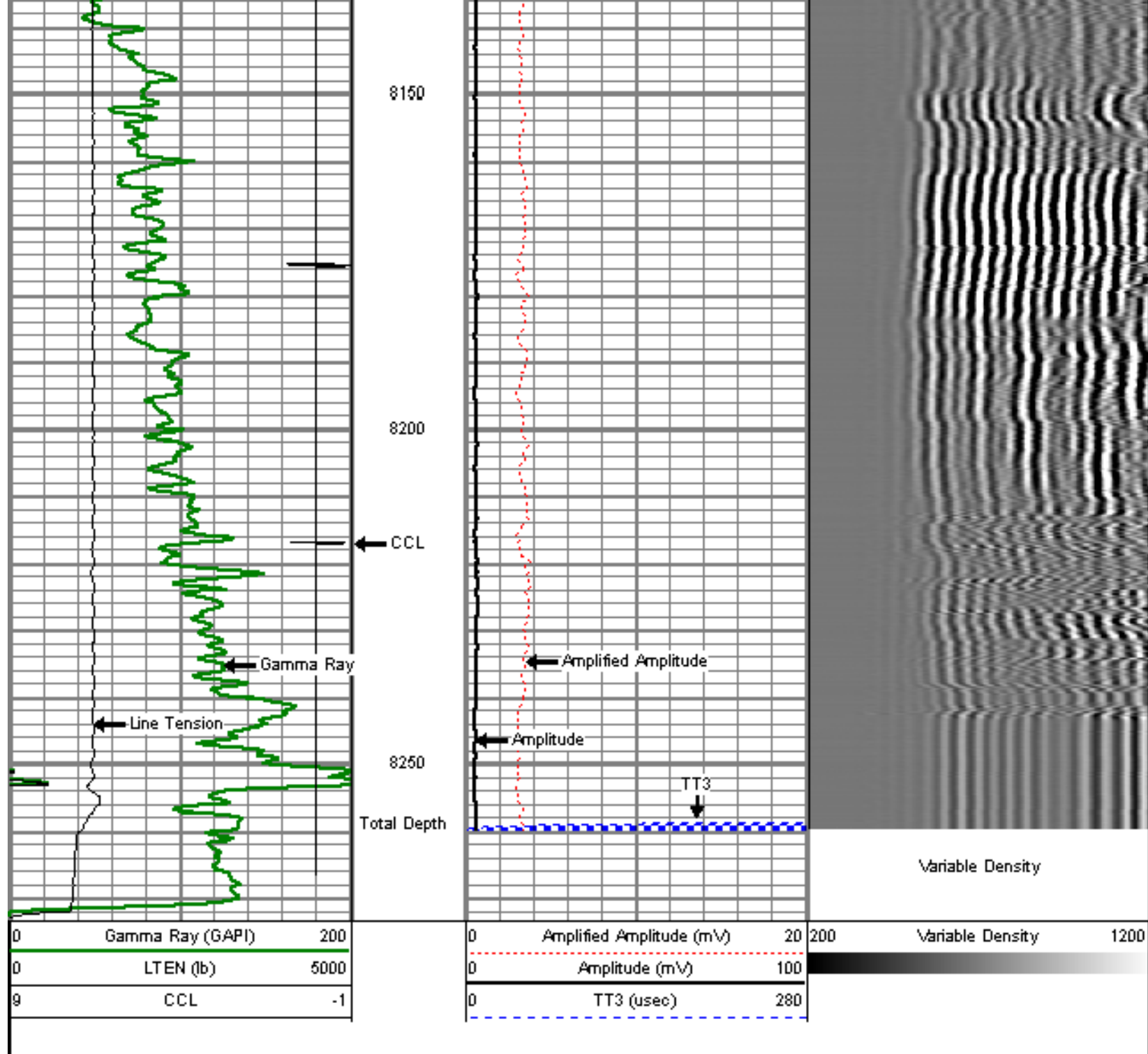
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8000

8050

8100

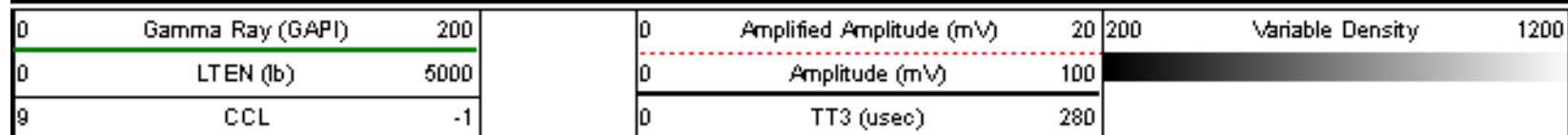


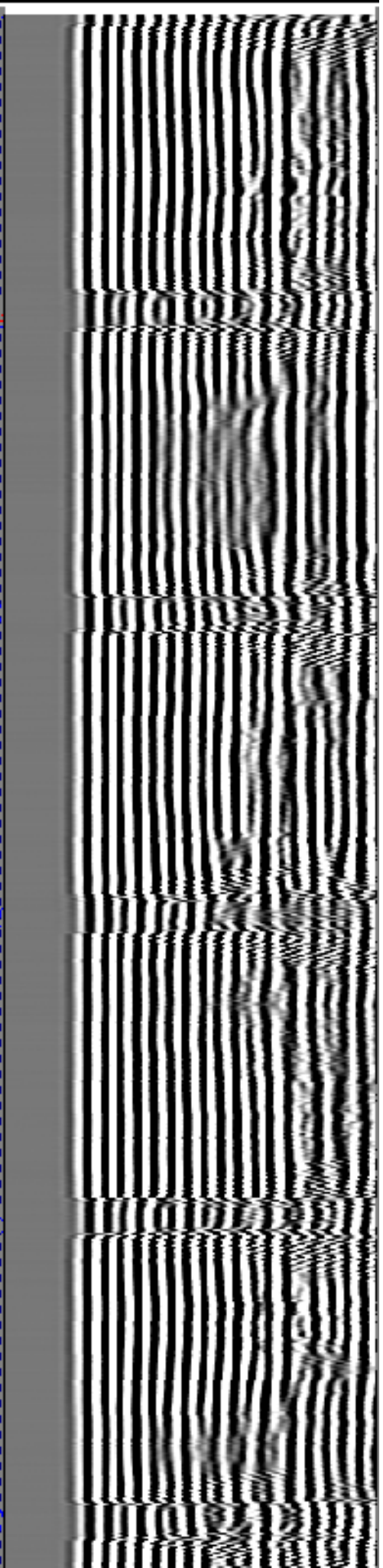
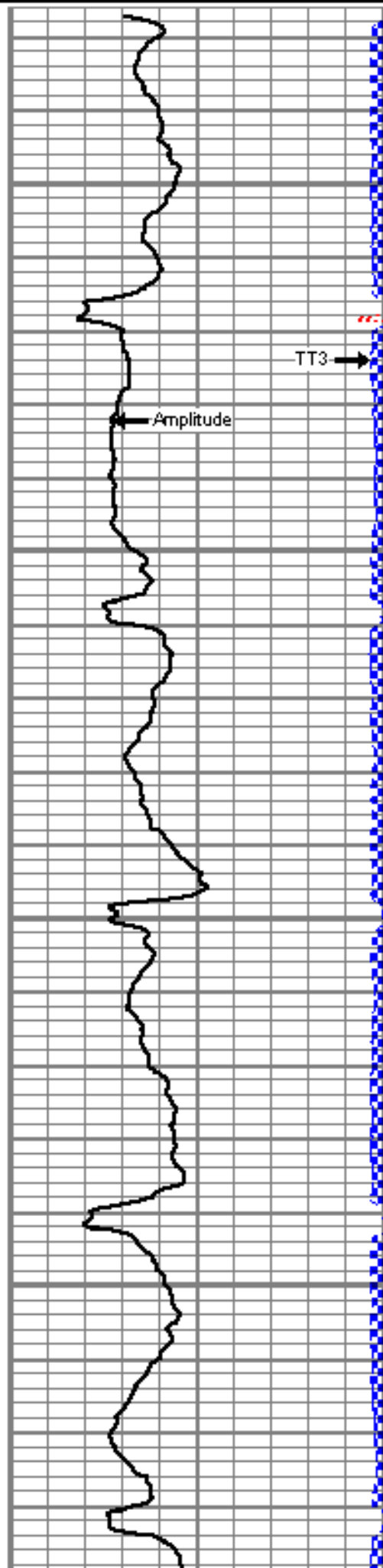
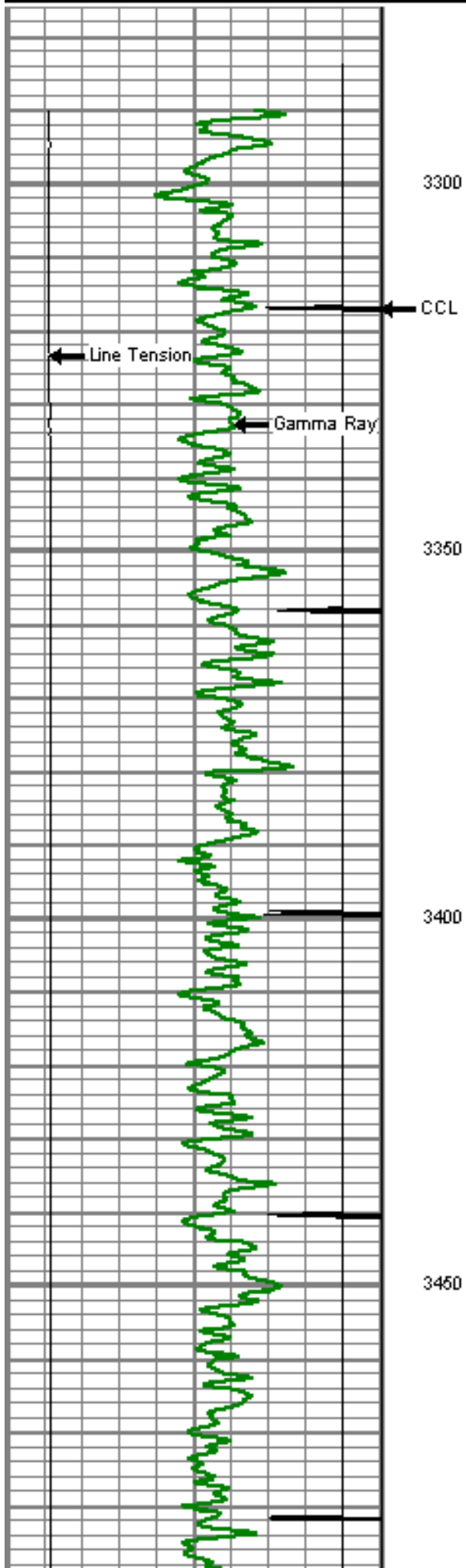


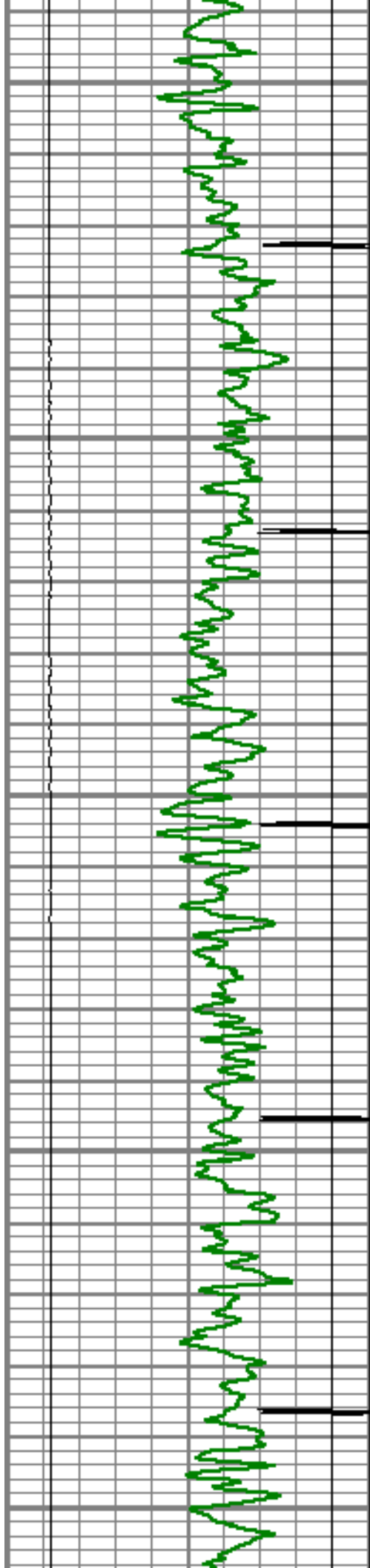
MAIN PASS

5" = 100'

Database File: rodman 22-26.db
 Dataset Pathname: pass13oh
 Presentation Format: dcbl_prb
 Dataset Creation: Thu Sep 08 15:28:38 2011
 Charted by: Depth in Feet scaled 1:240







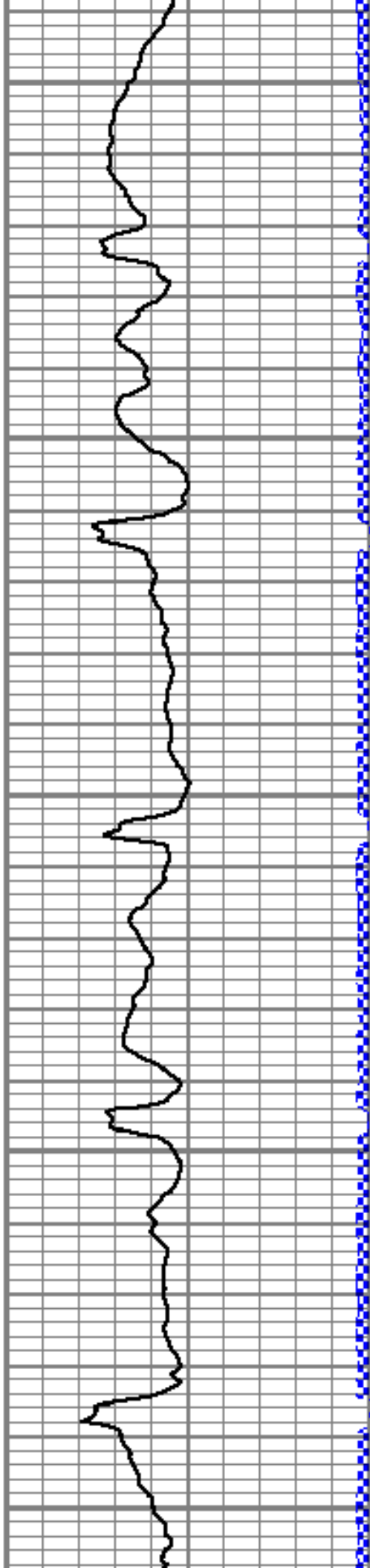
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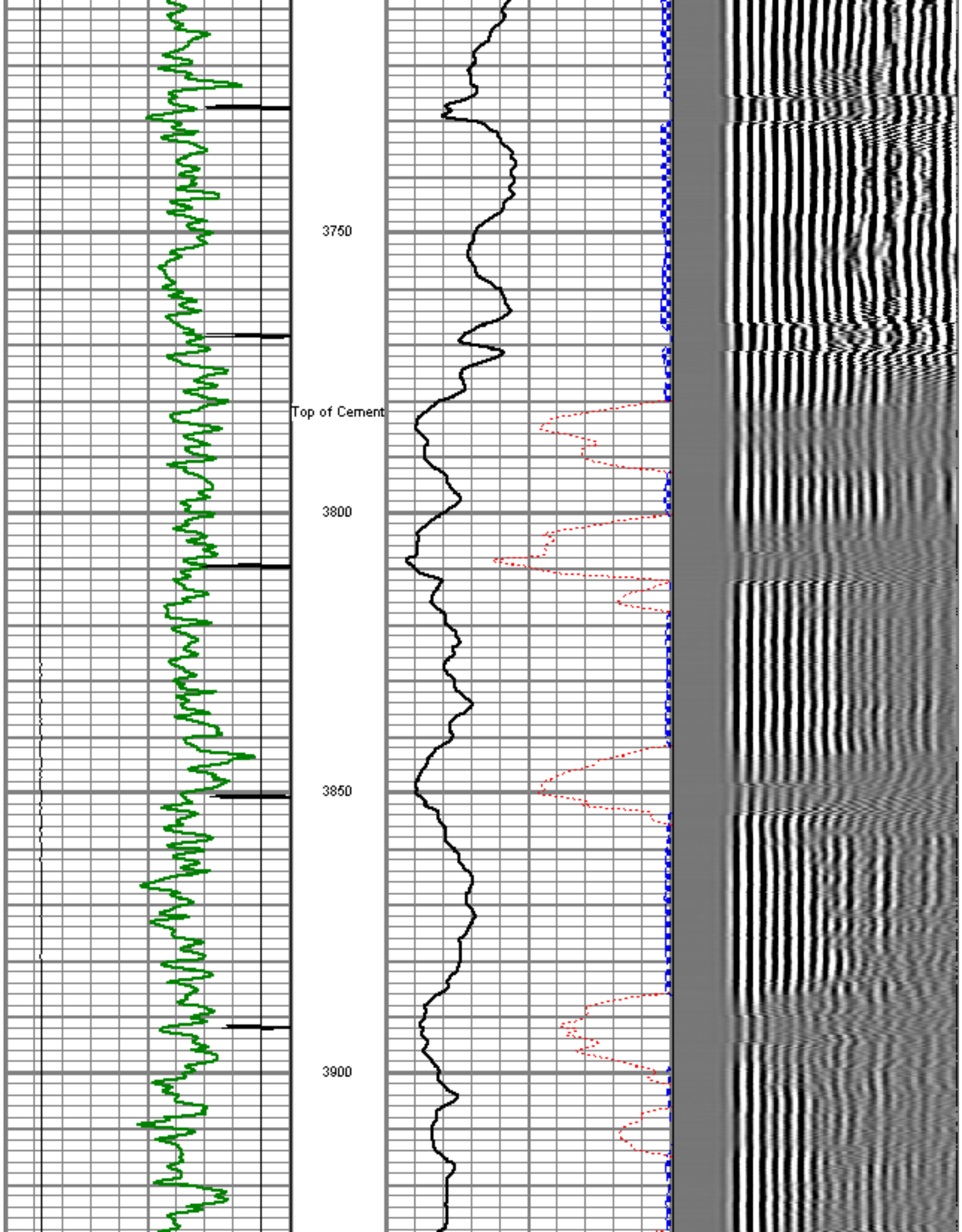
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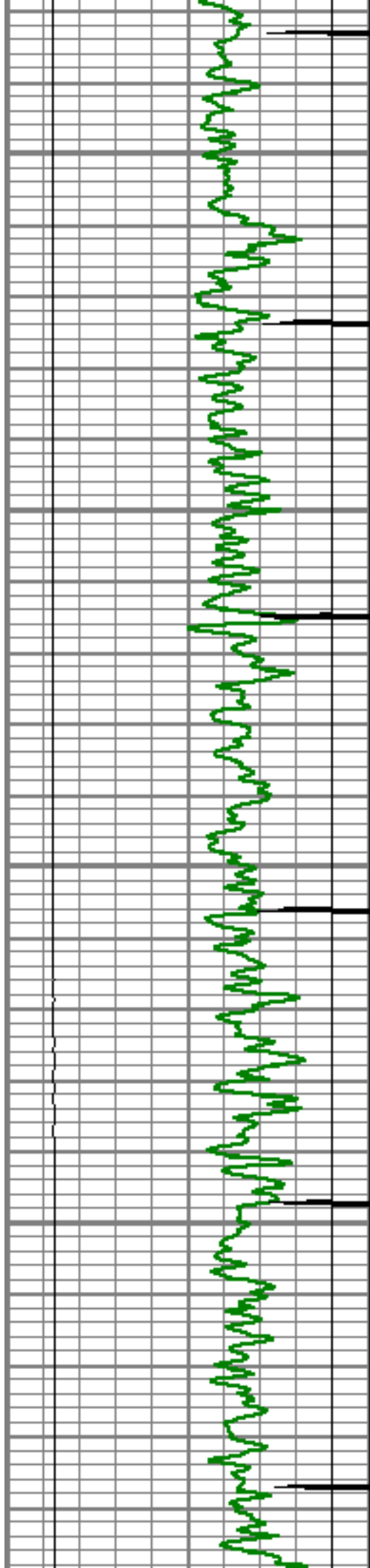
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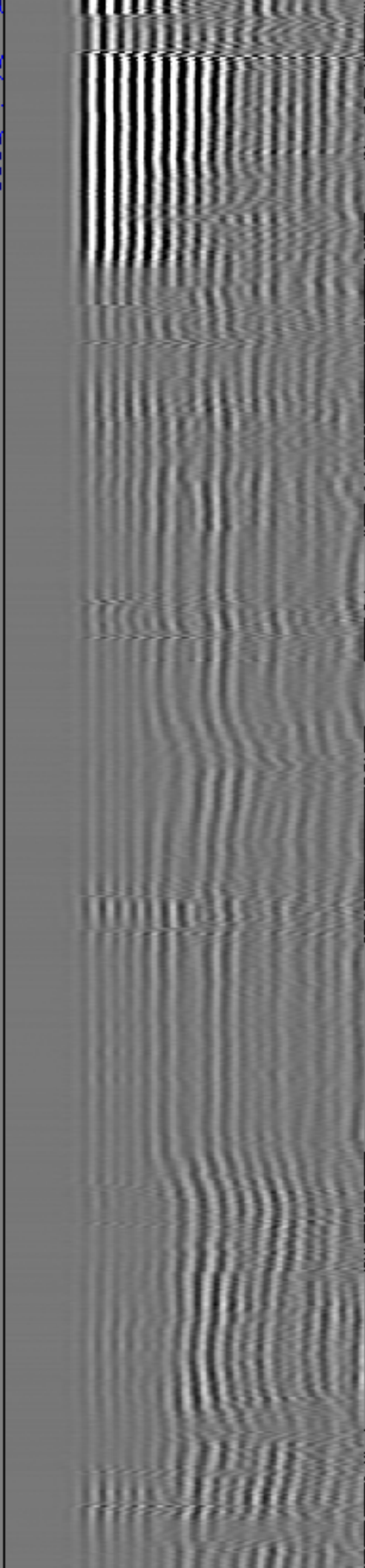
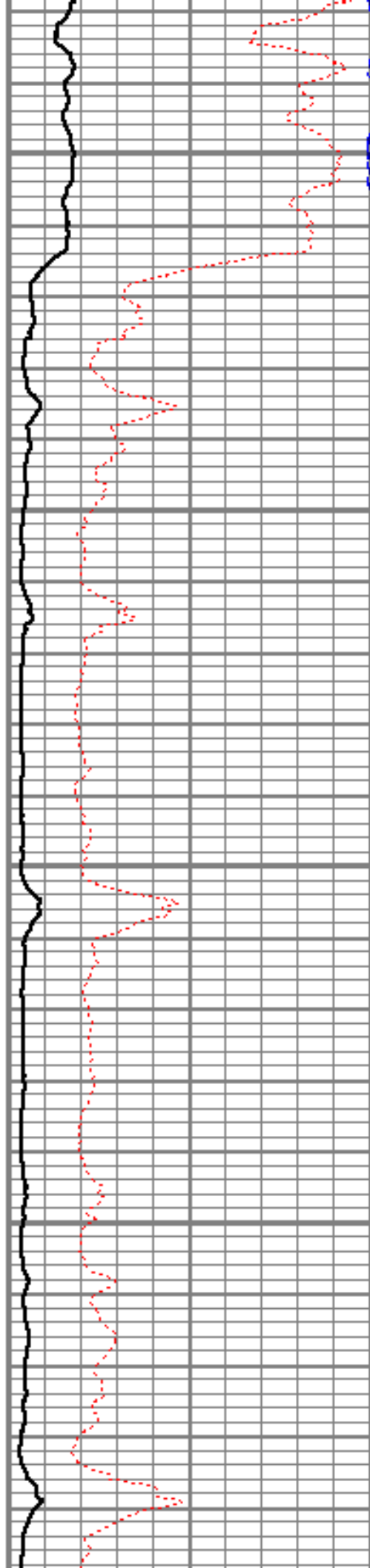


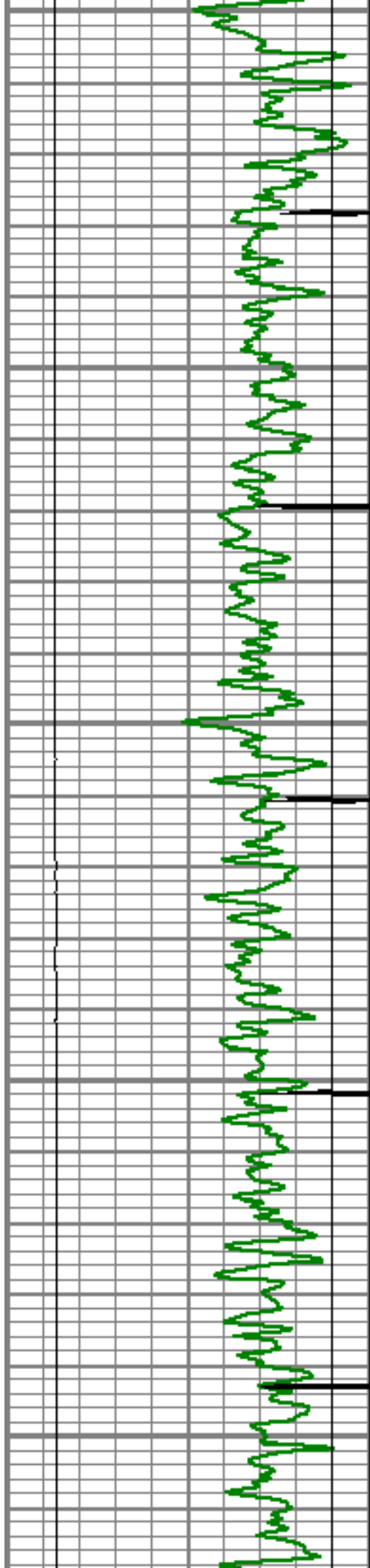
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4000

4050

4100





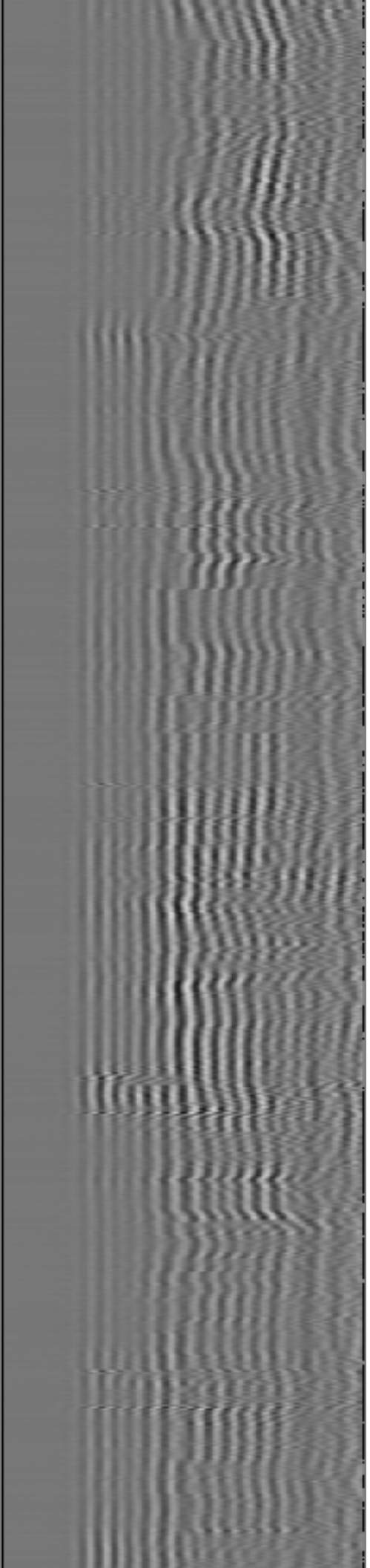
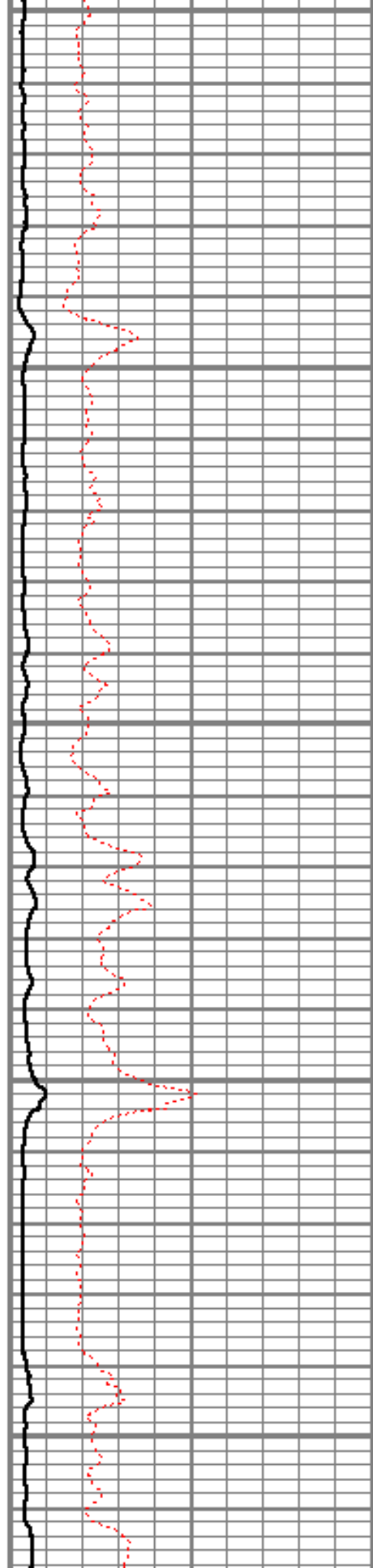
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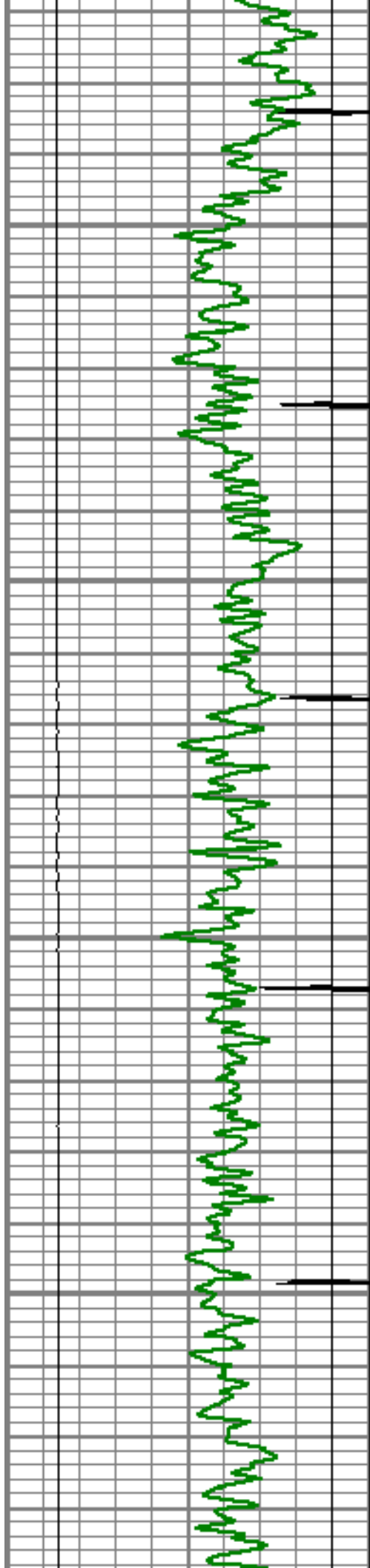
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4250

4300

4350



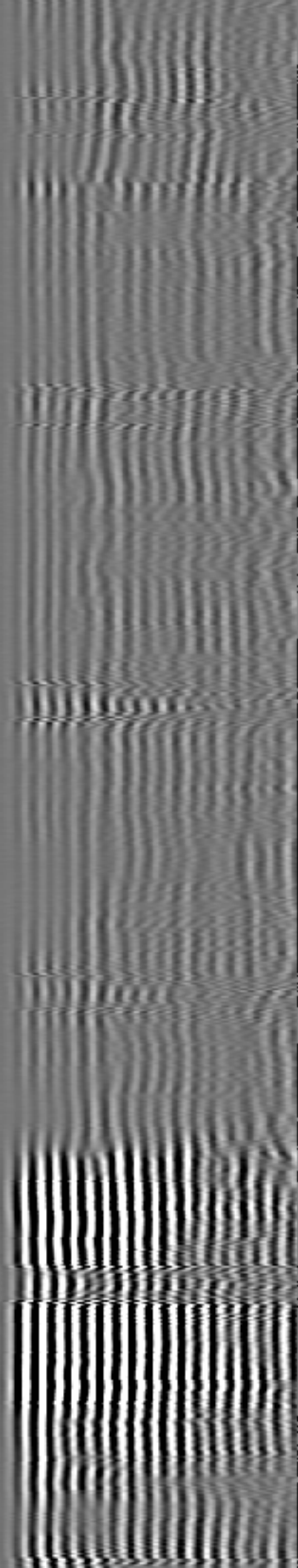
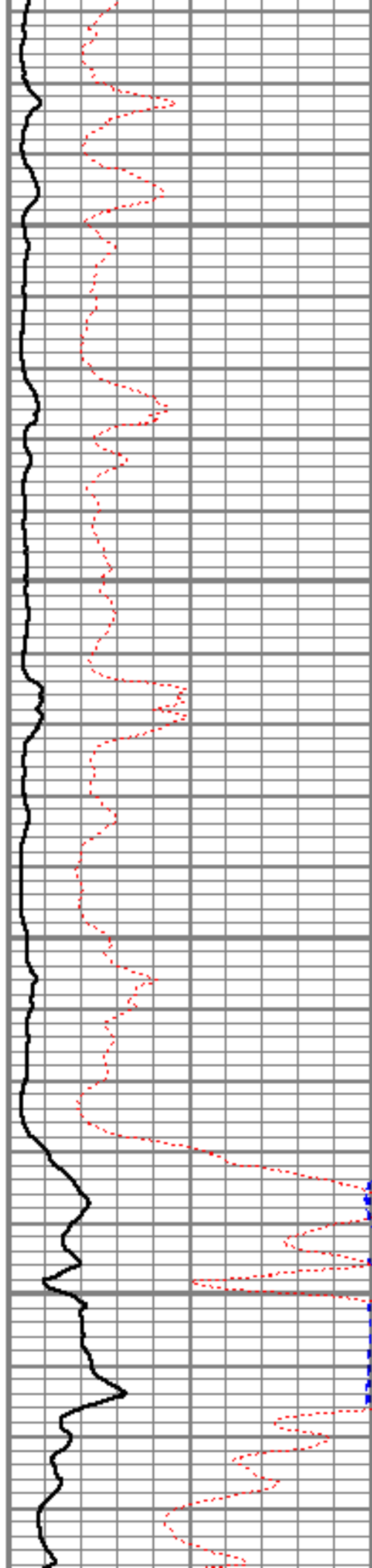


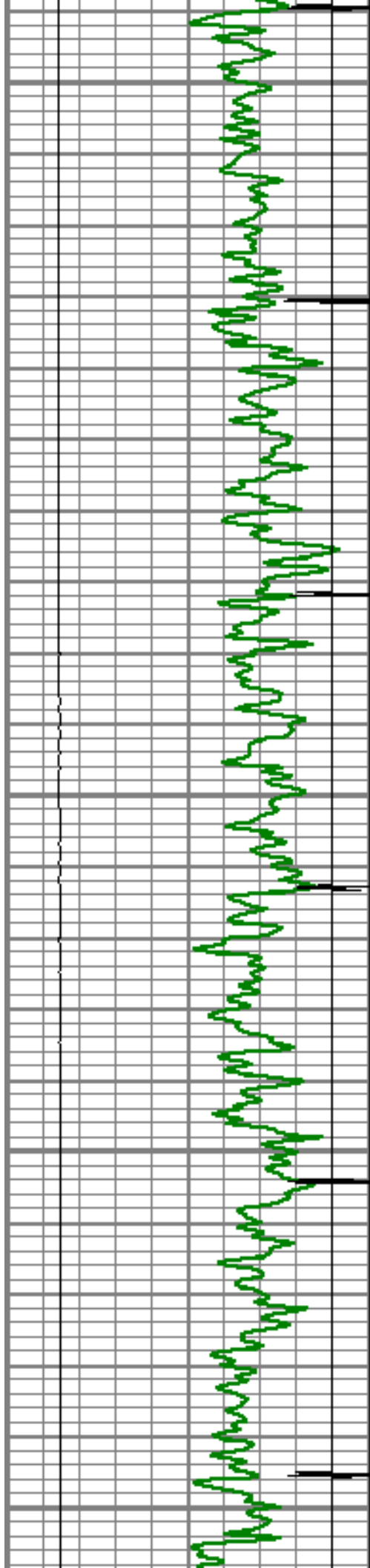
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4450

4500

4550





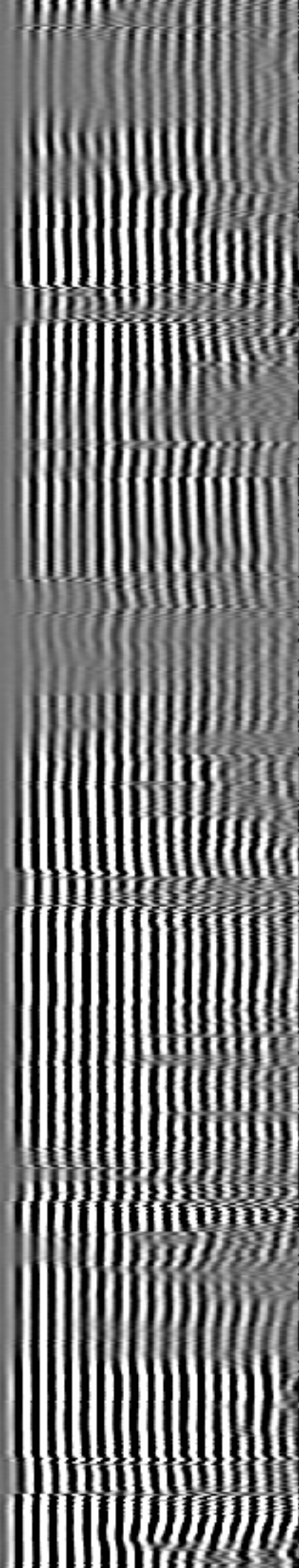
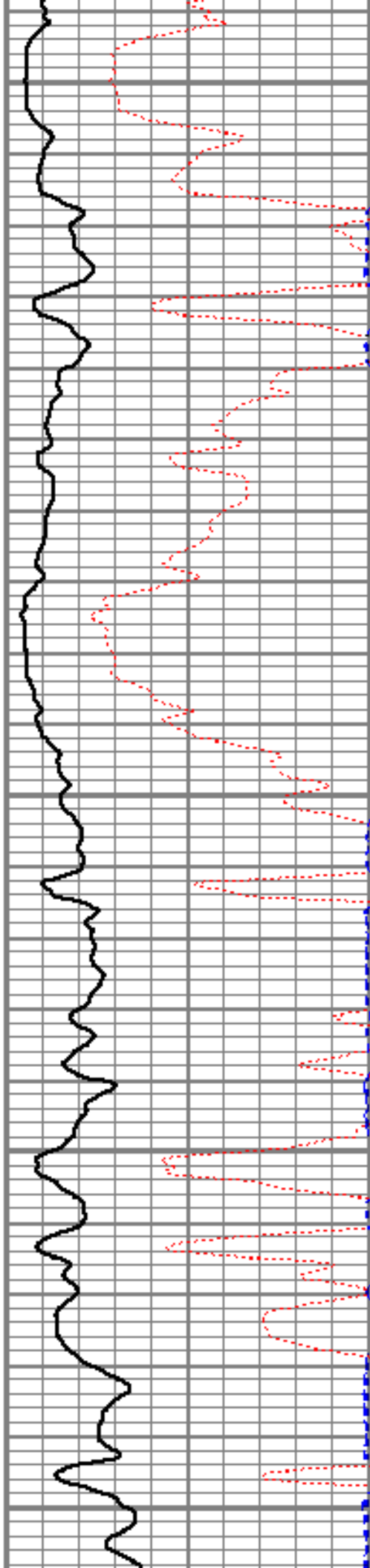
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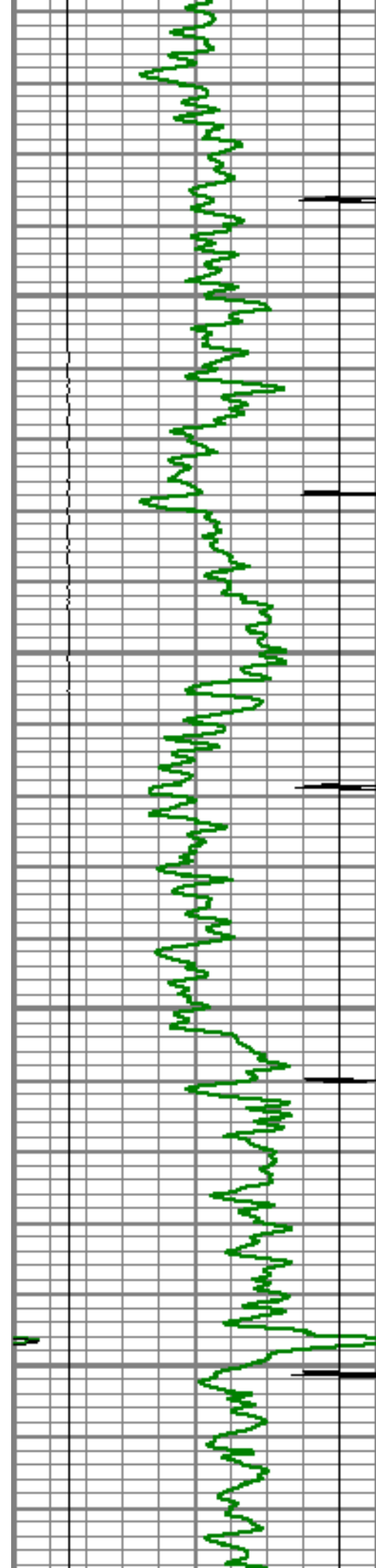
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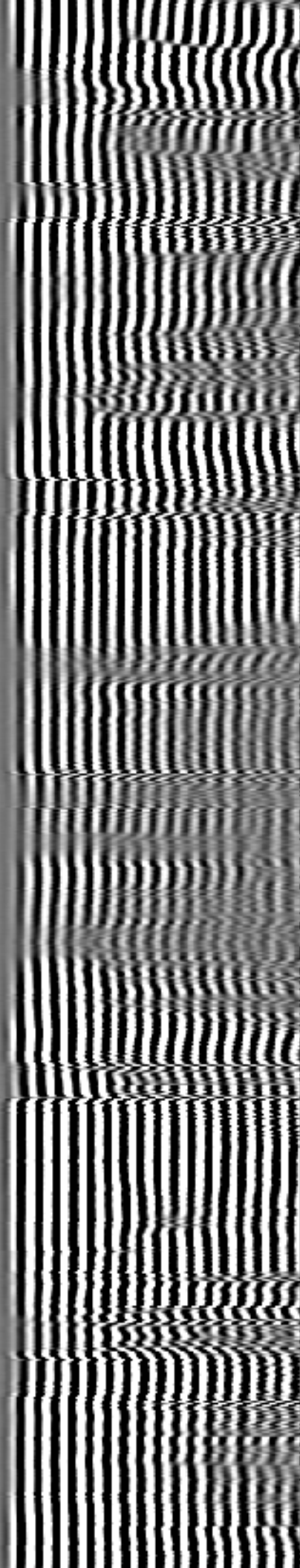
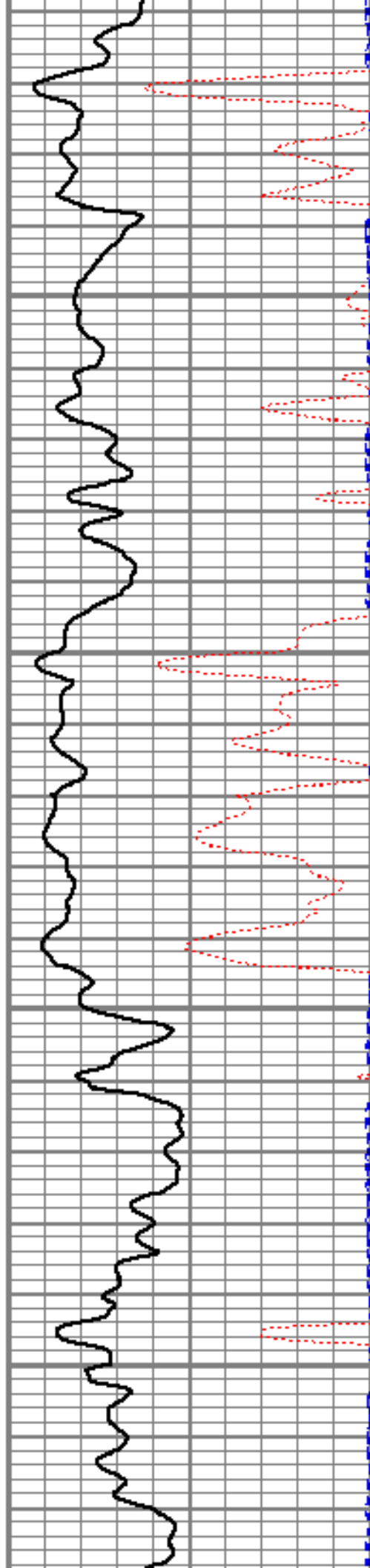


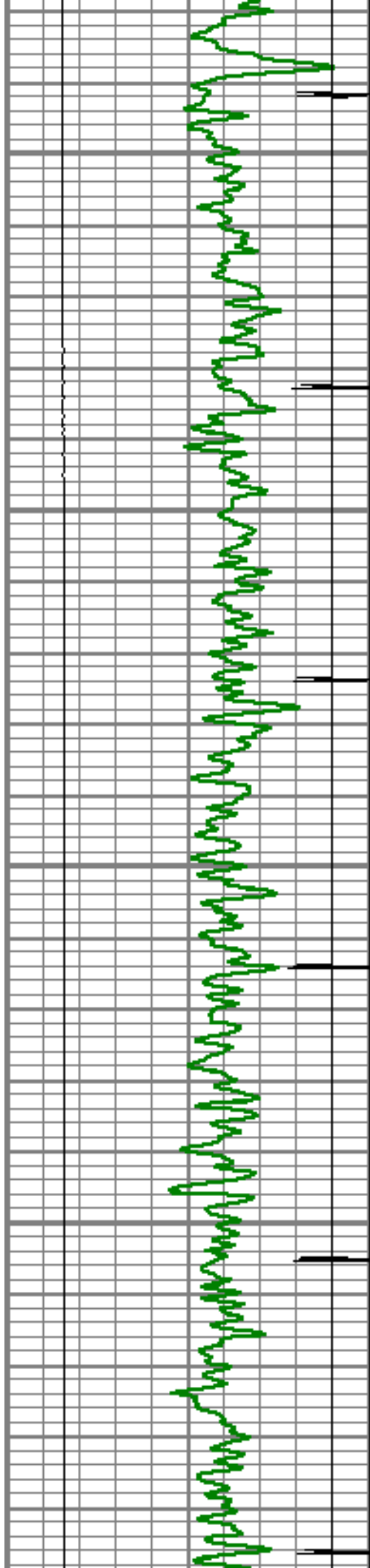
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5000



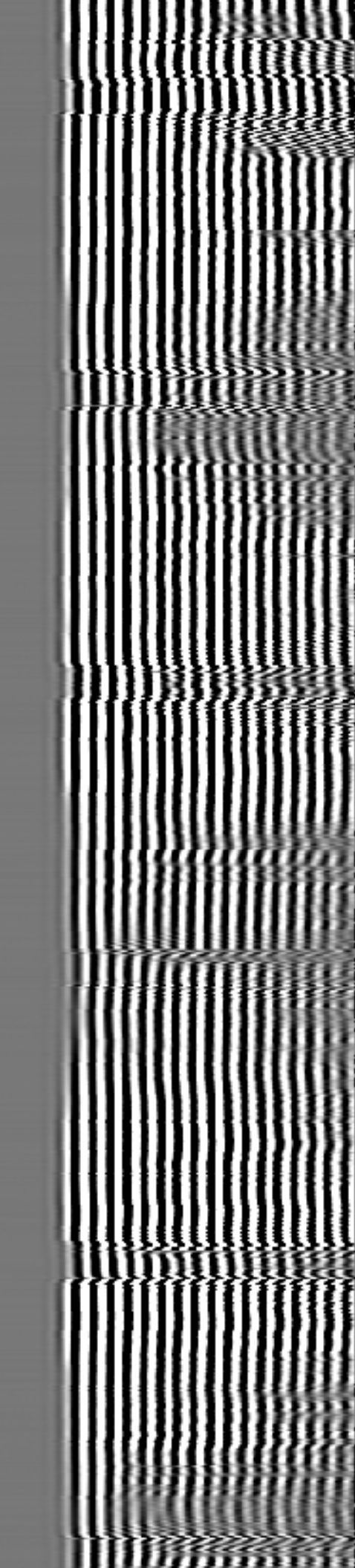
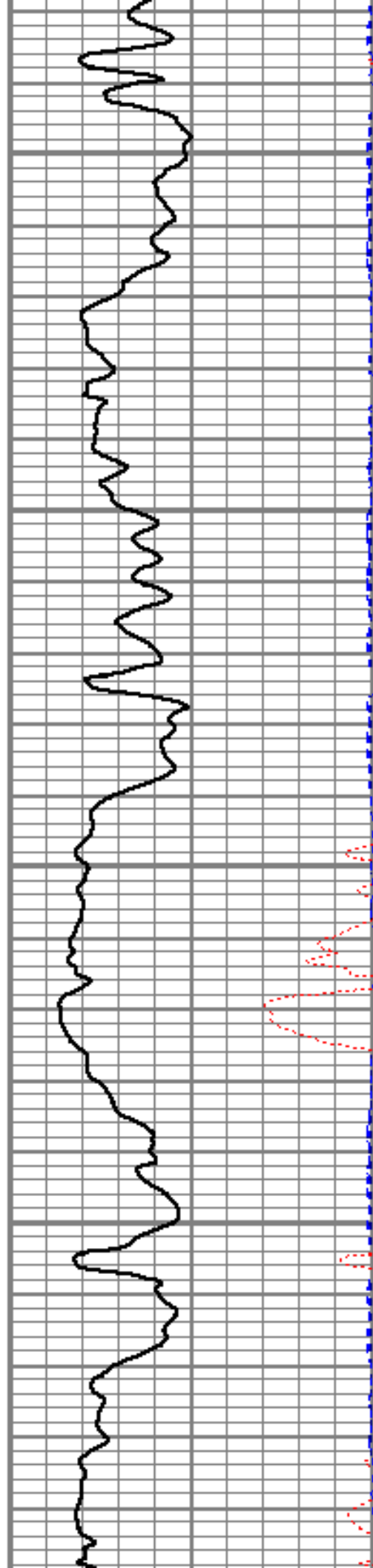


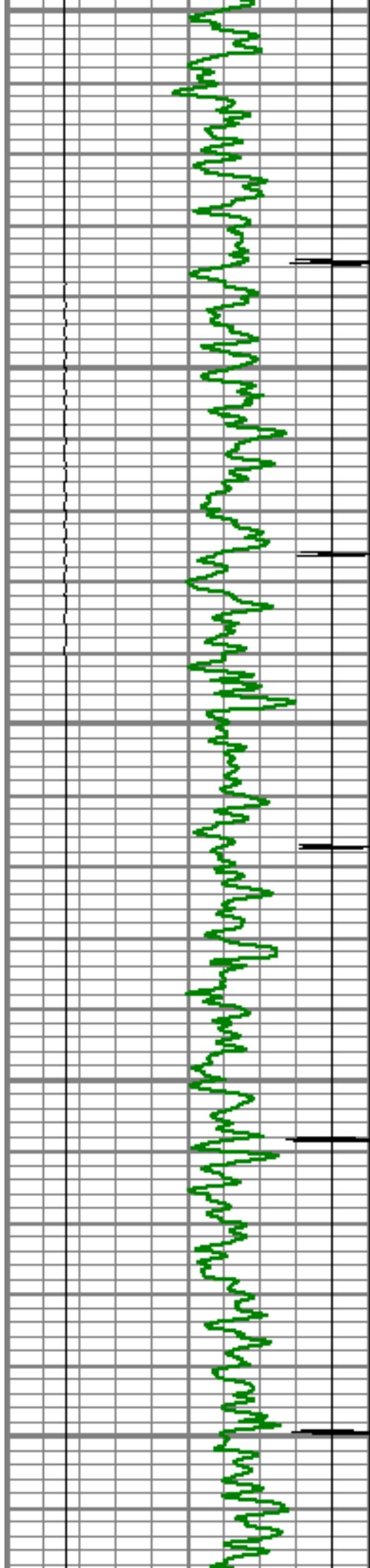
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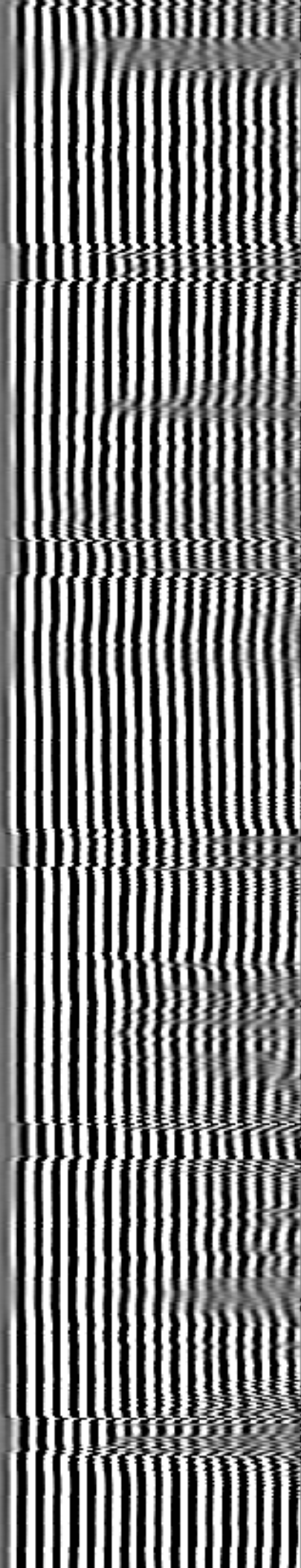
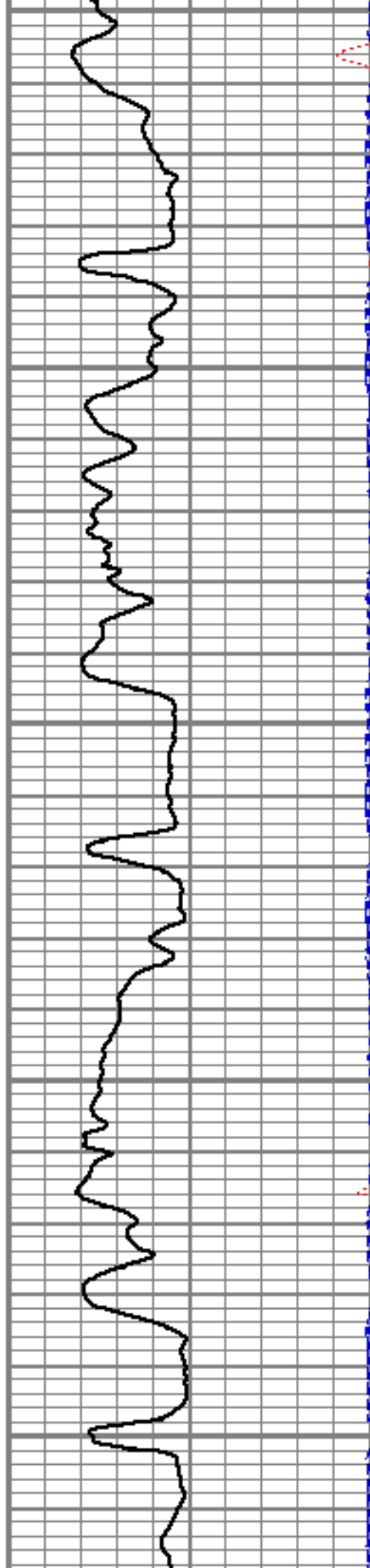
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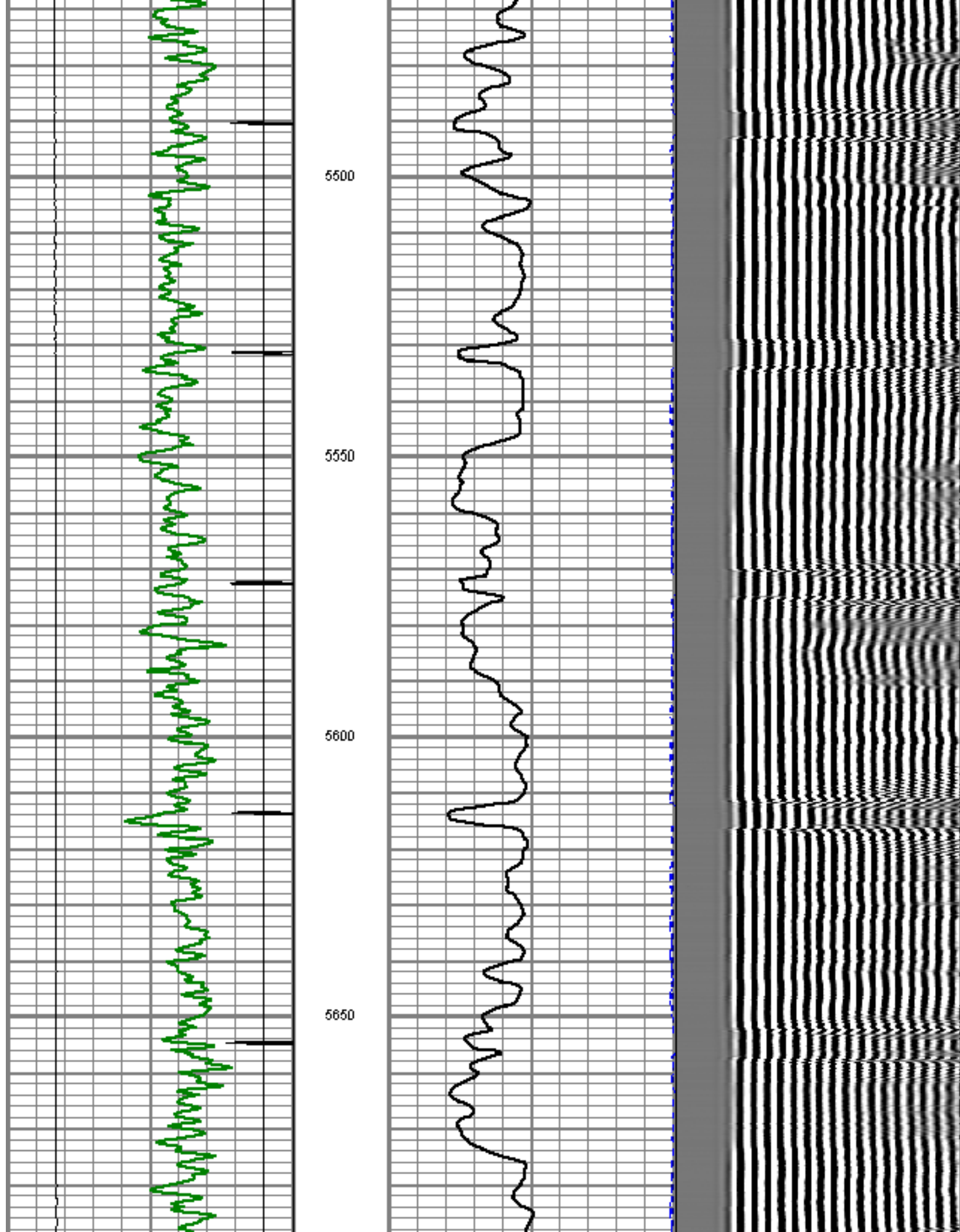
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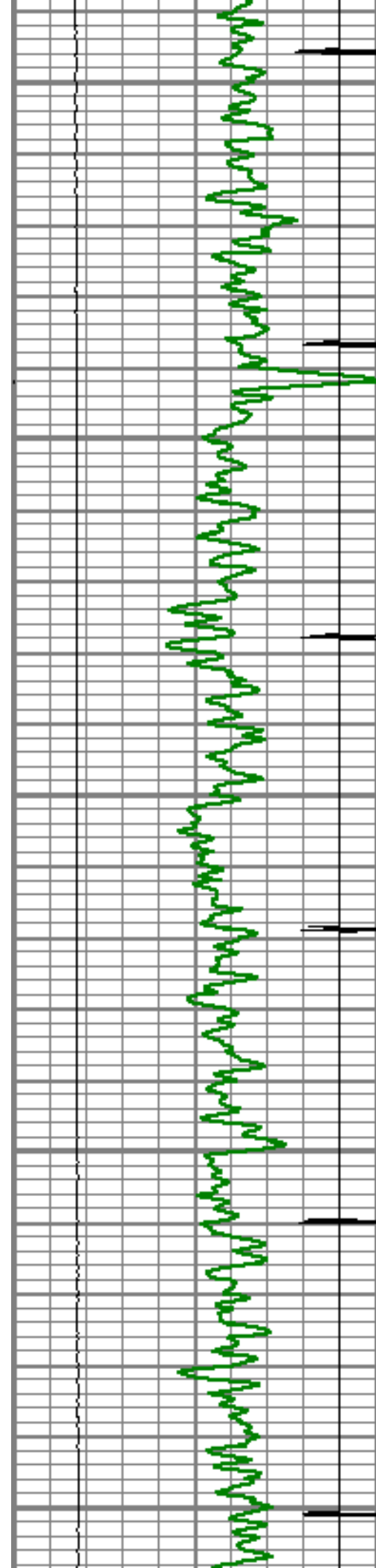
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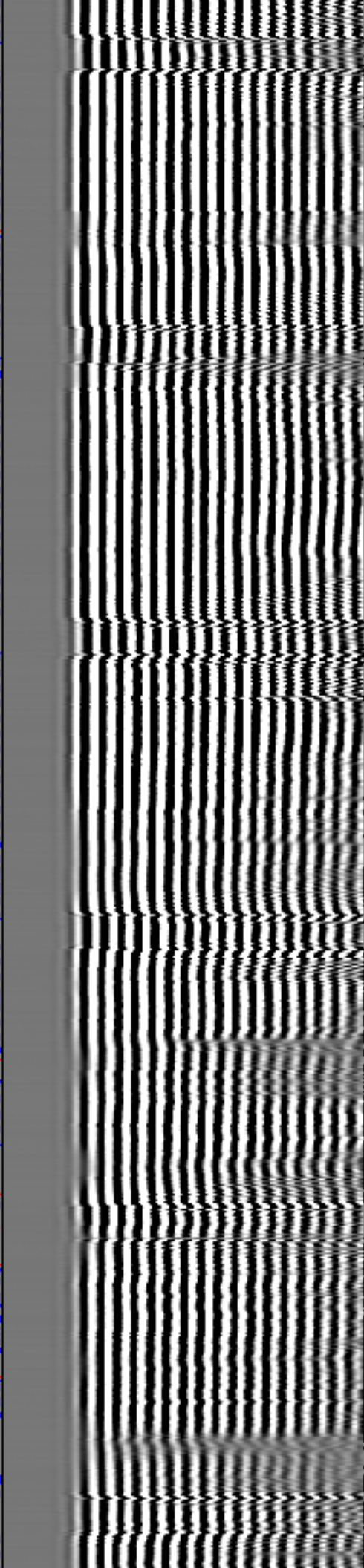
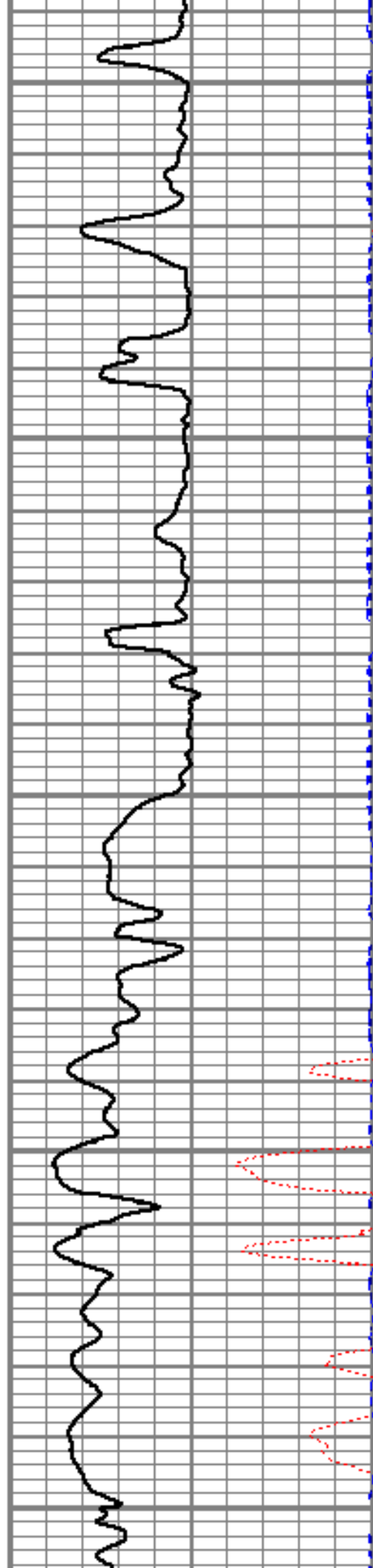
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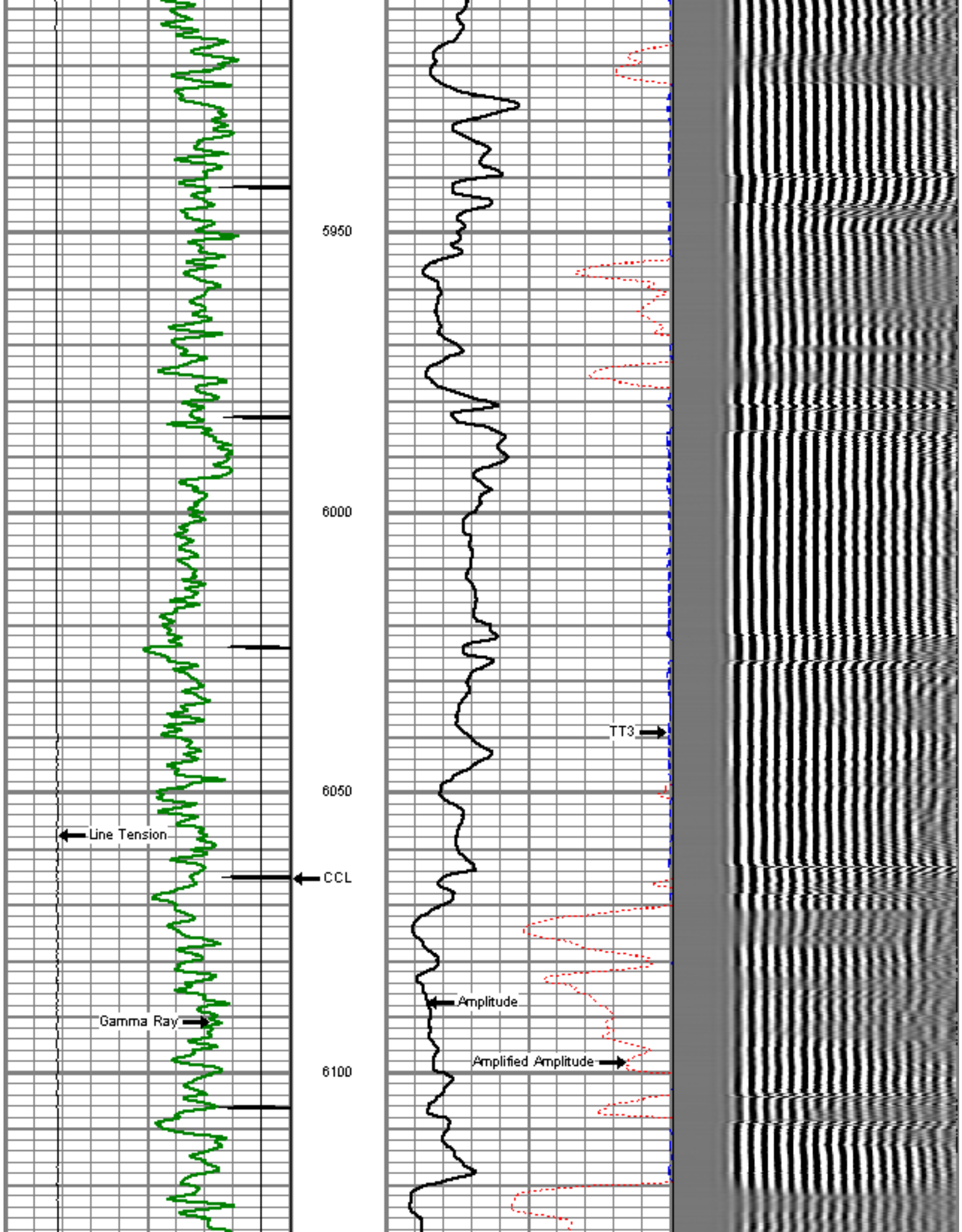
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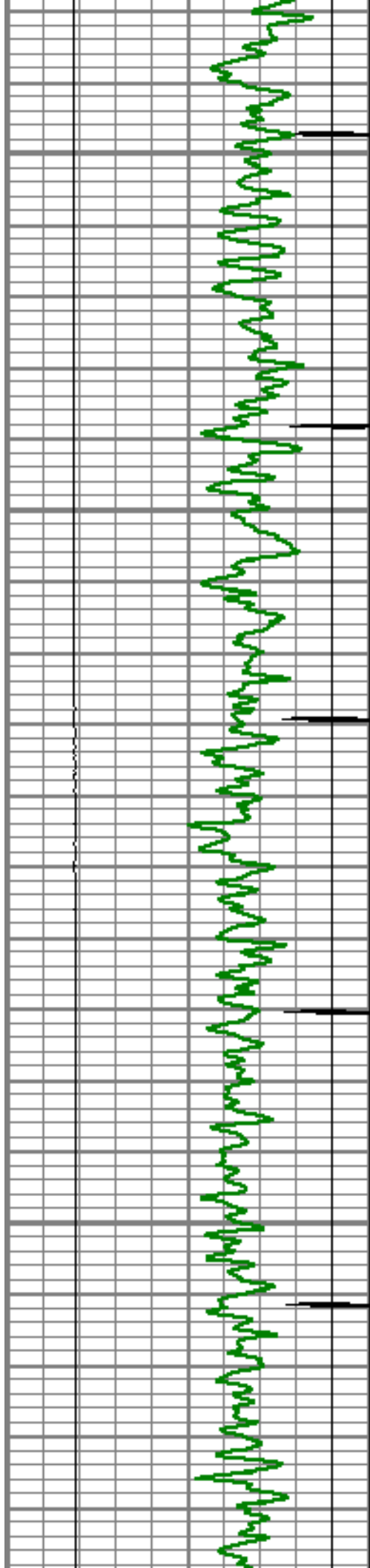
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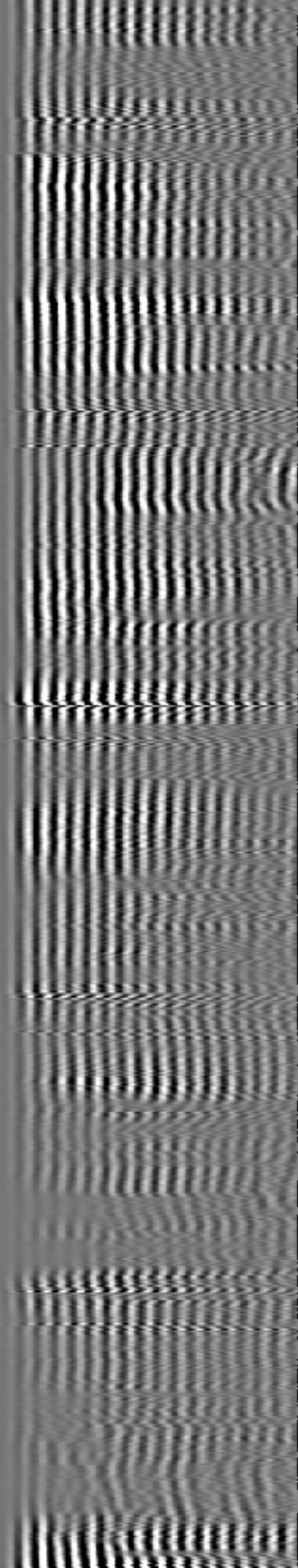
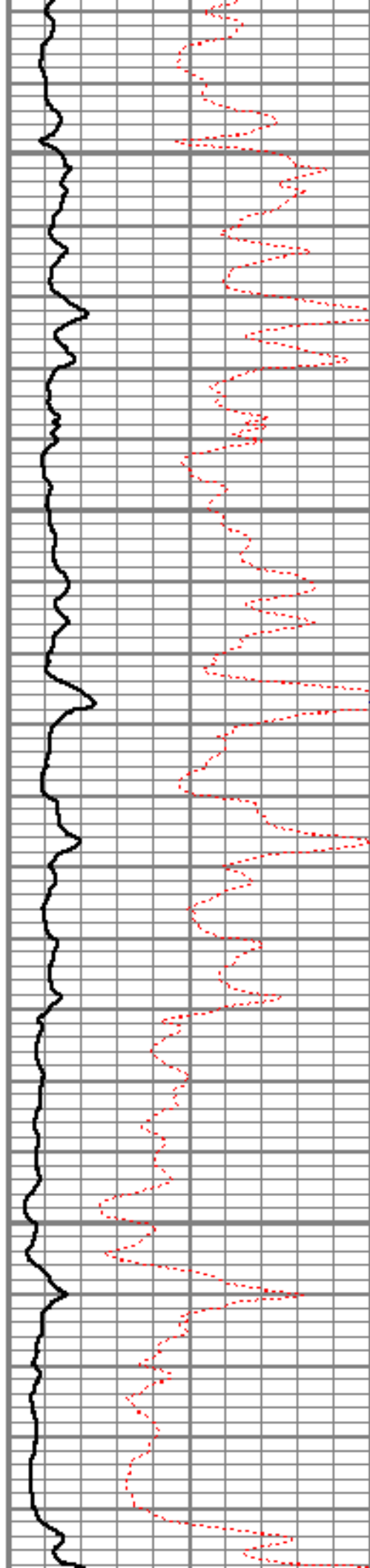


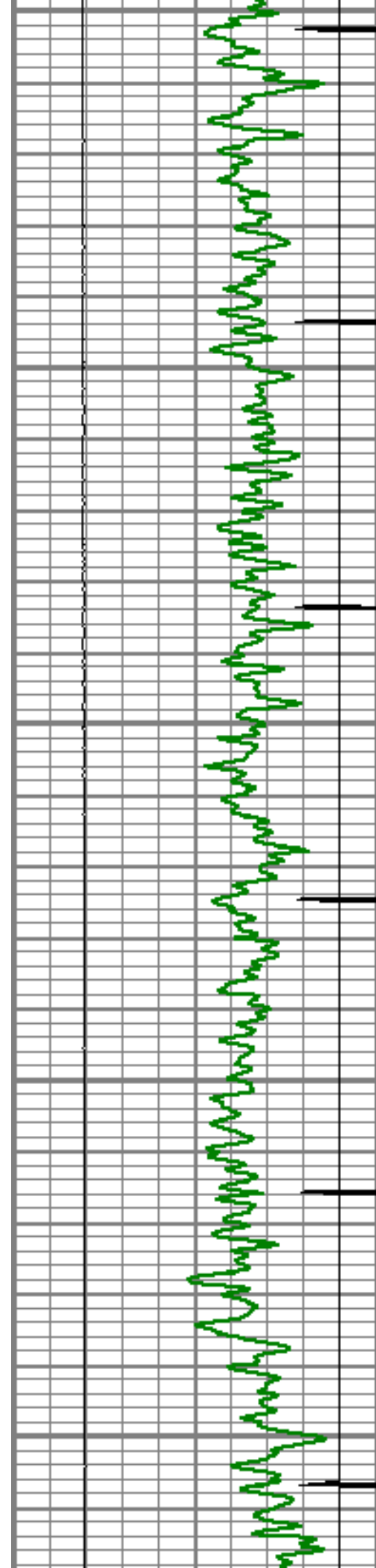
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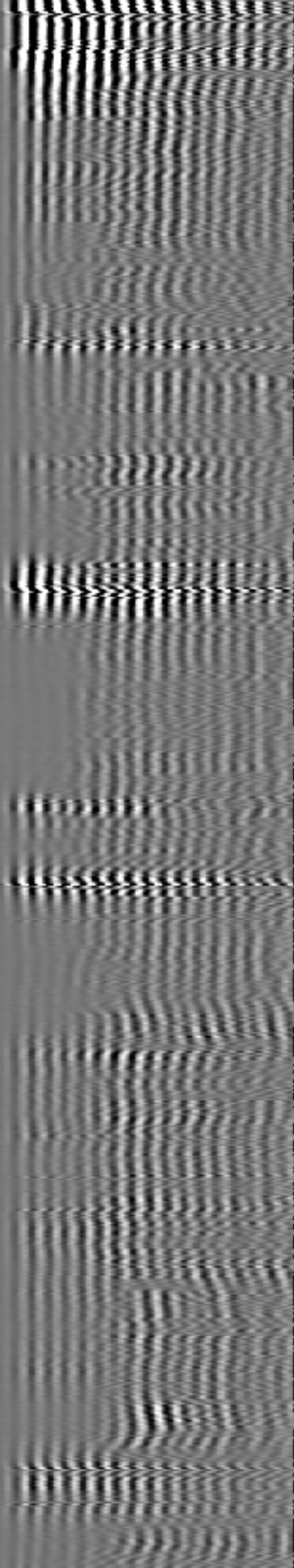
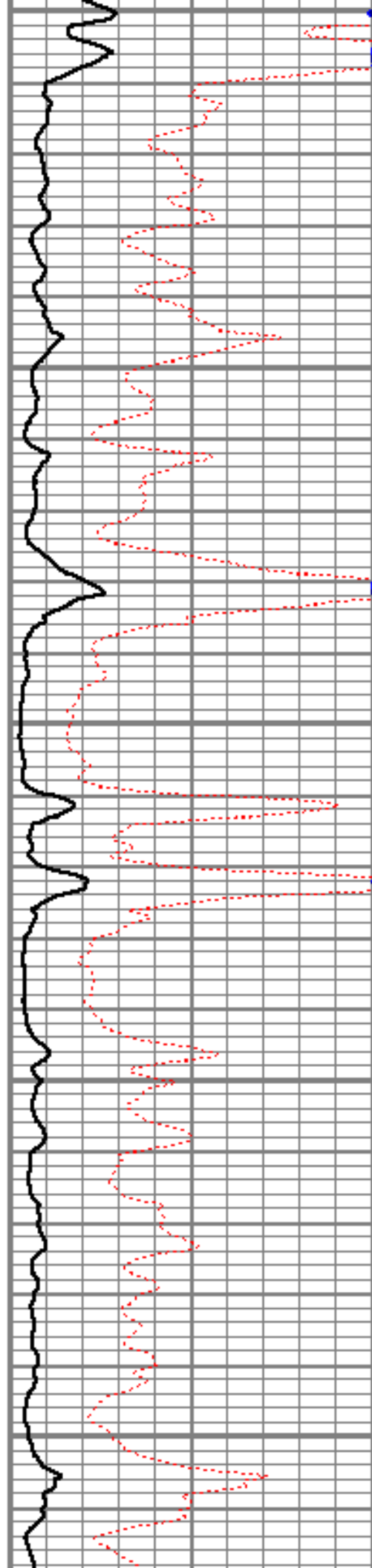
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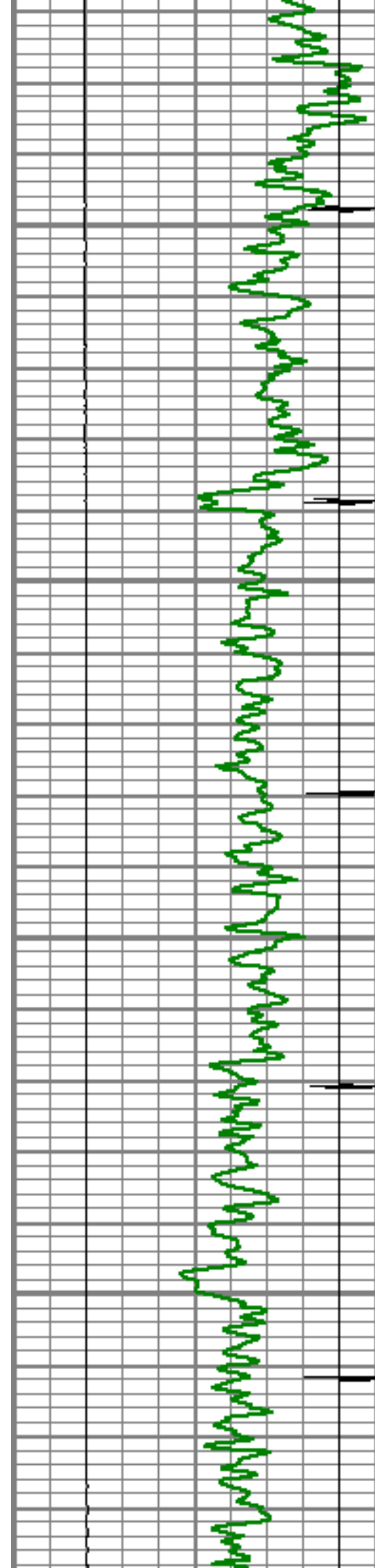
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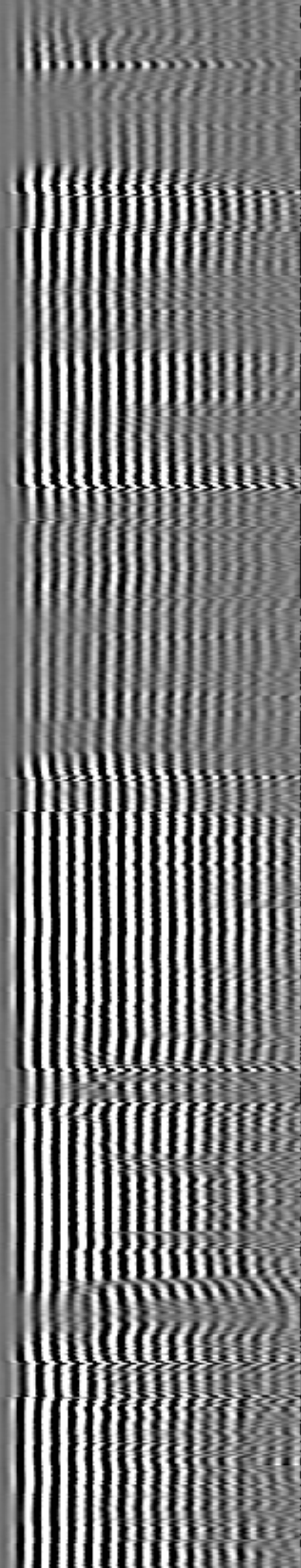
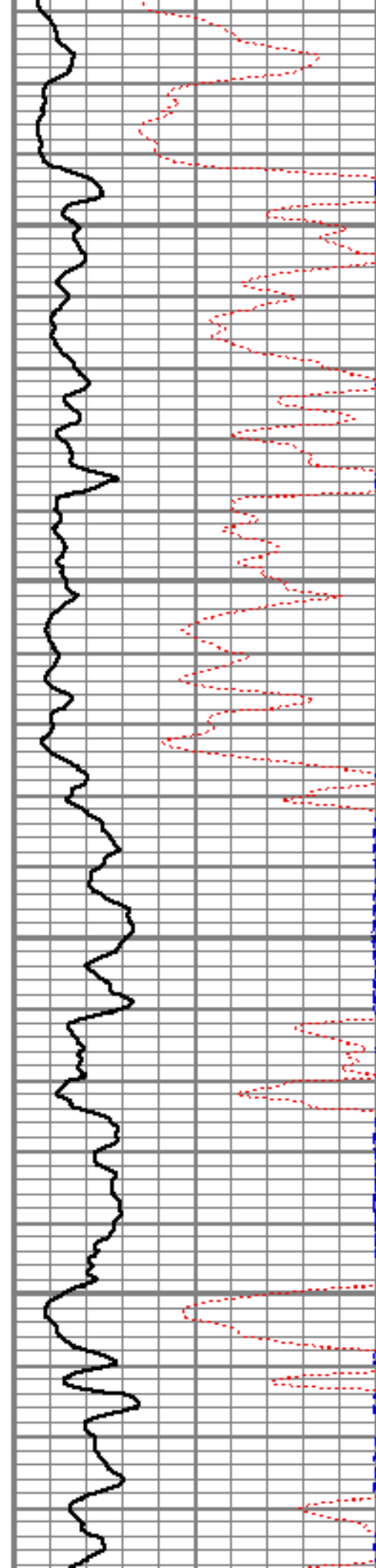


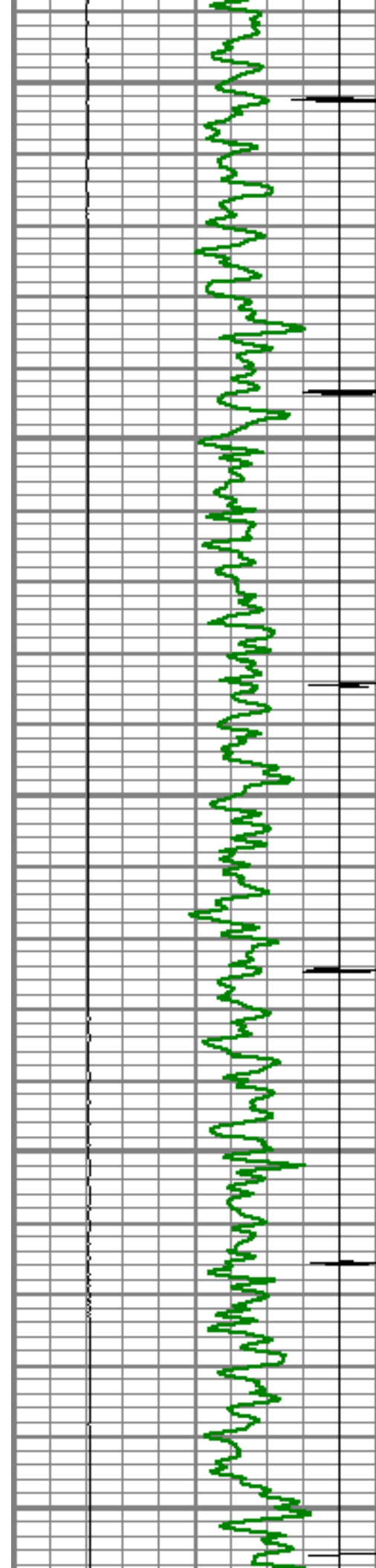
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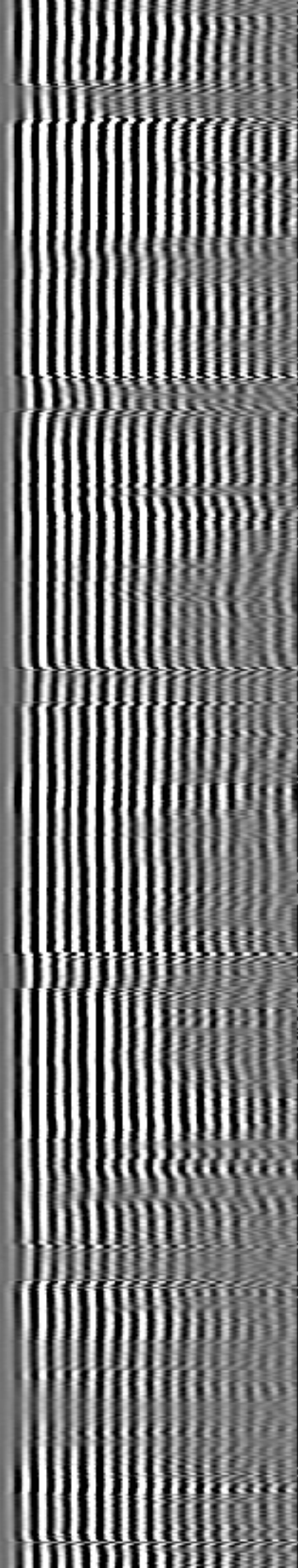
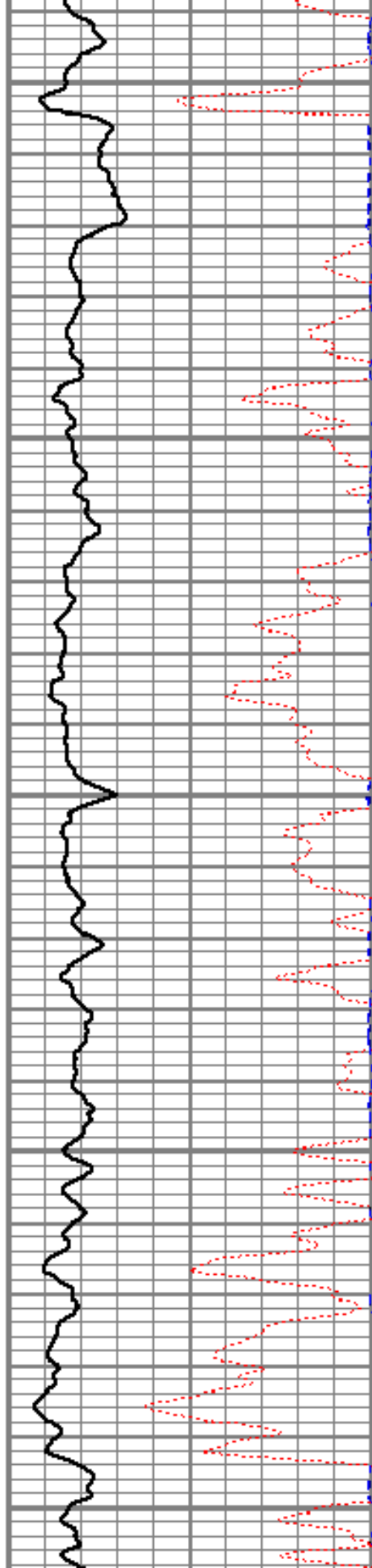
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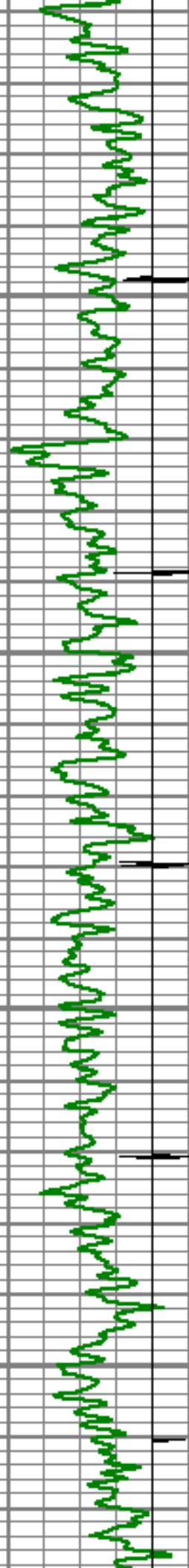
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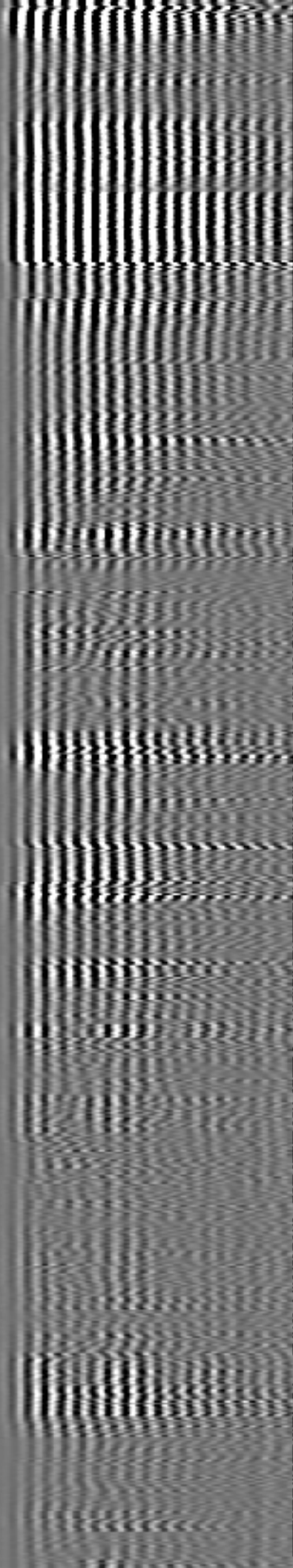
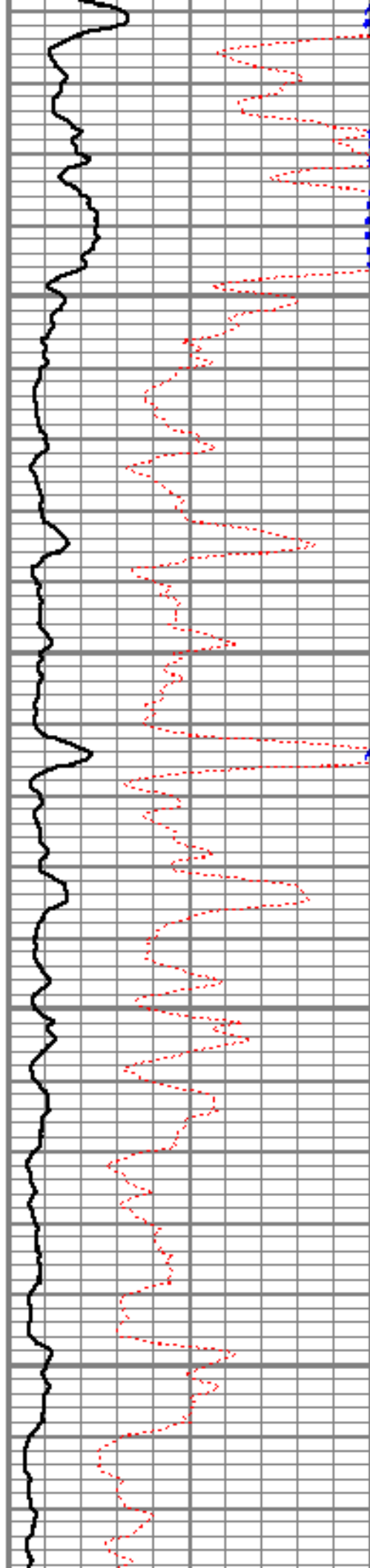


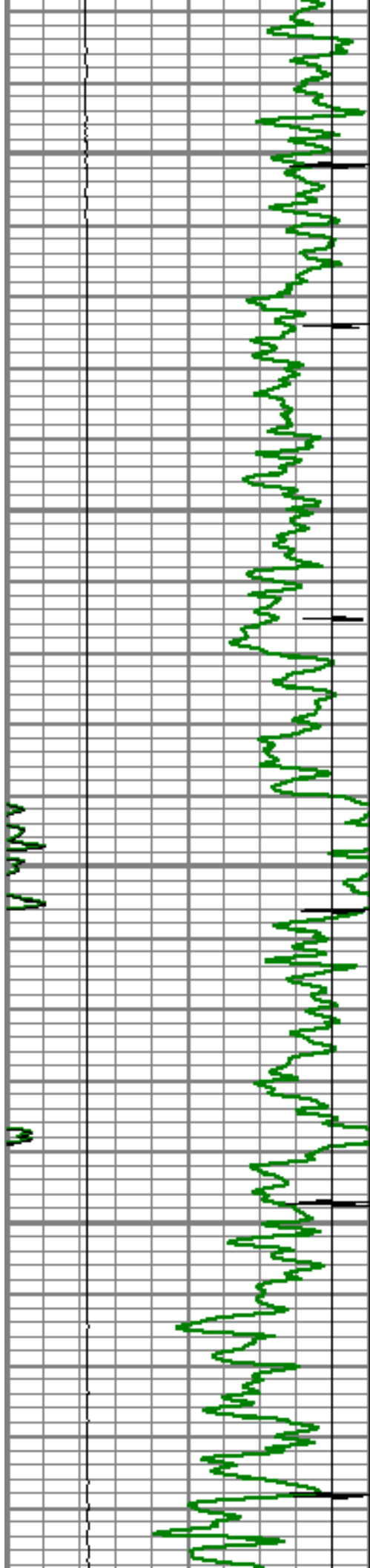
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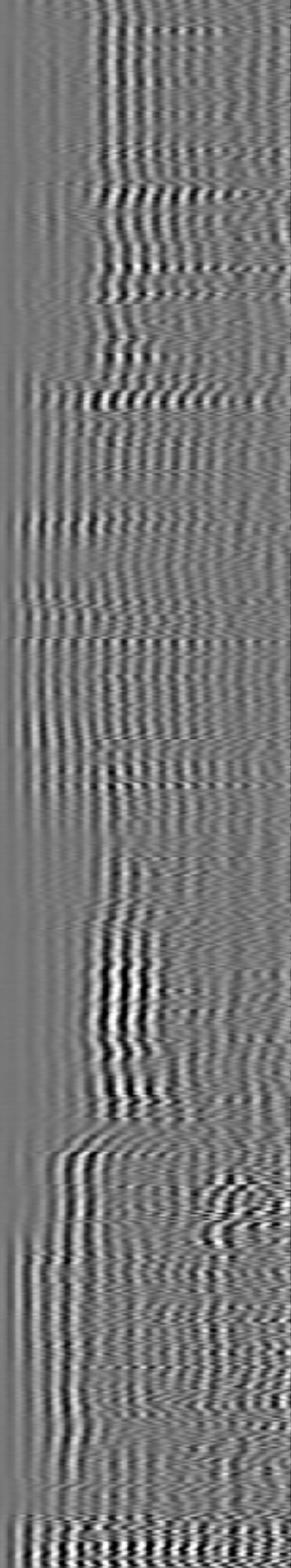
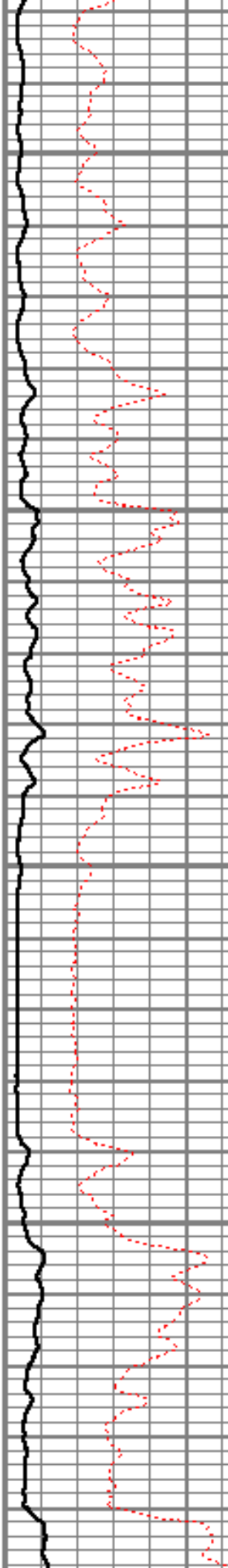
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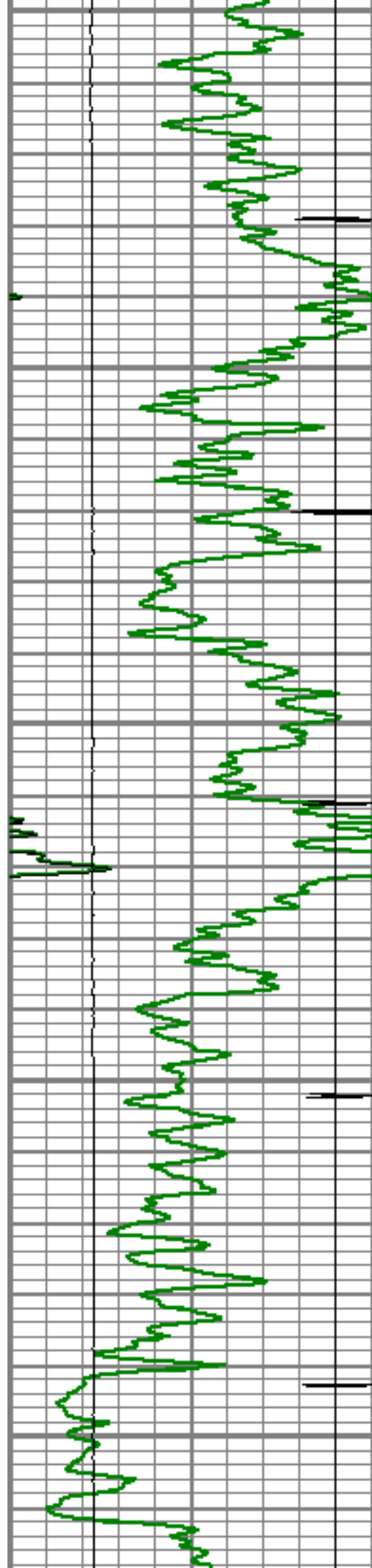
Short Joint

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7400





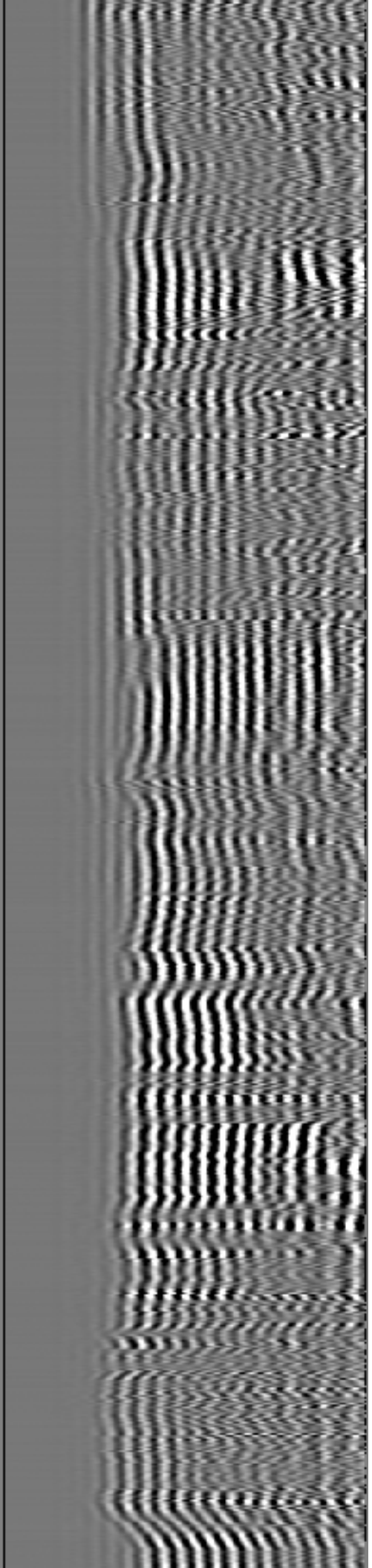
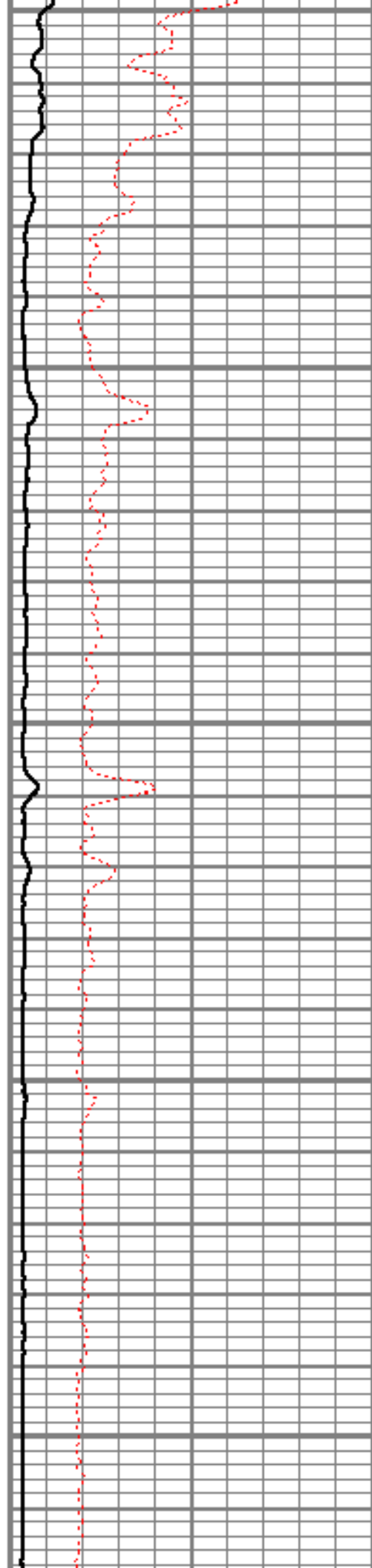
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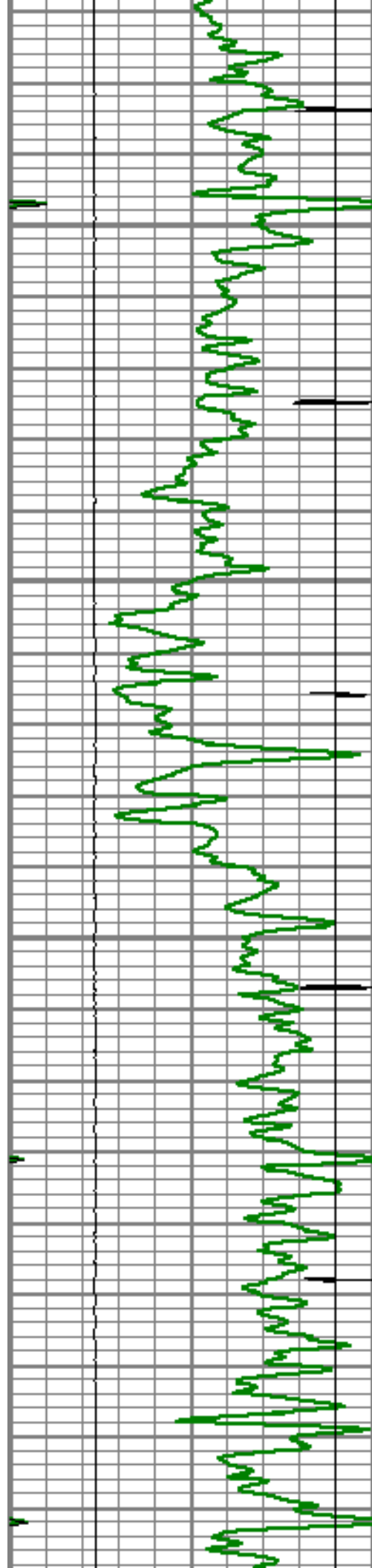
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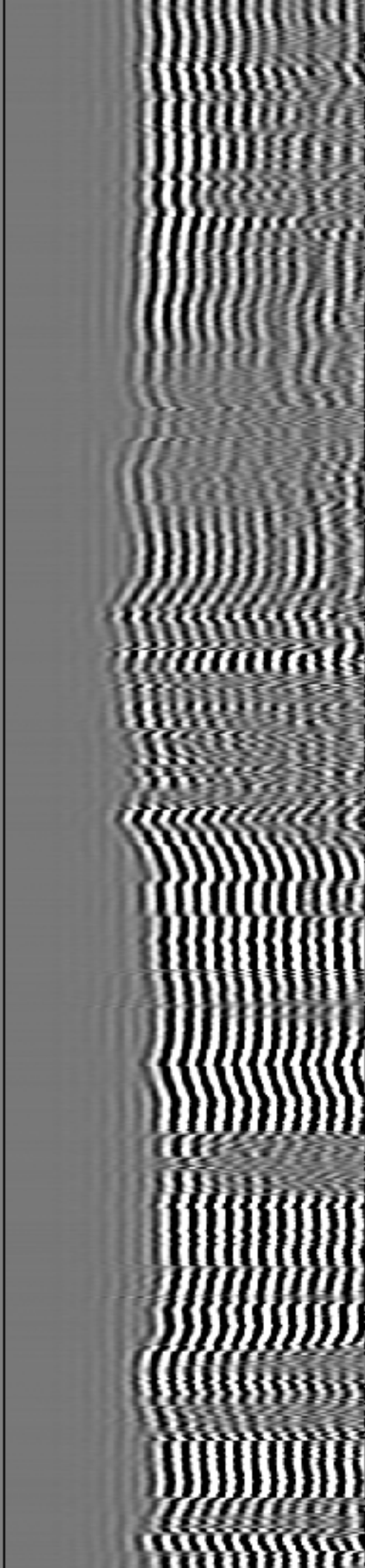
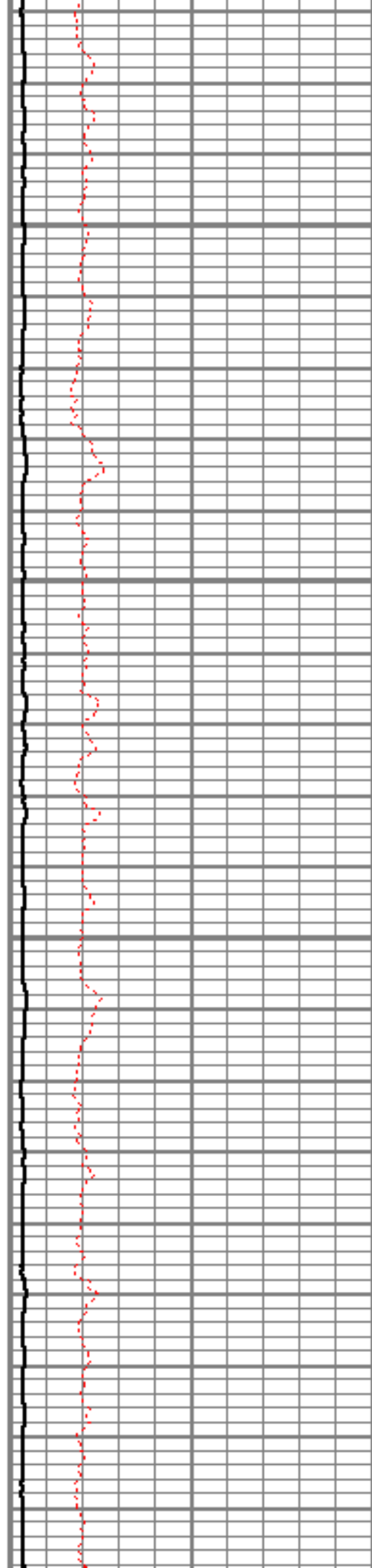


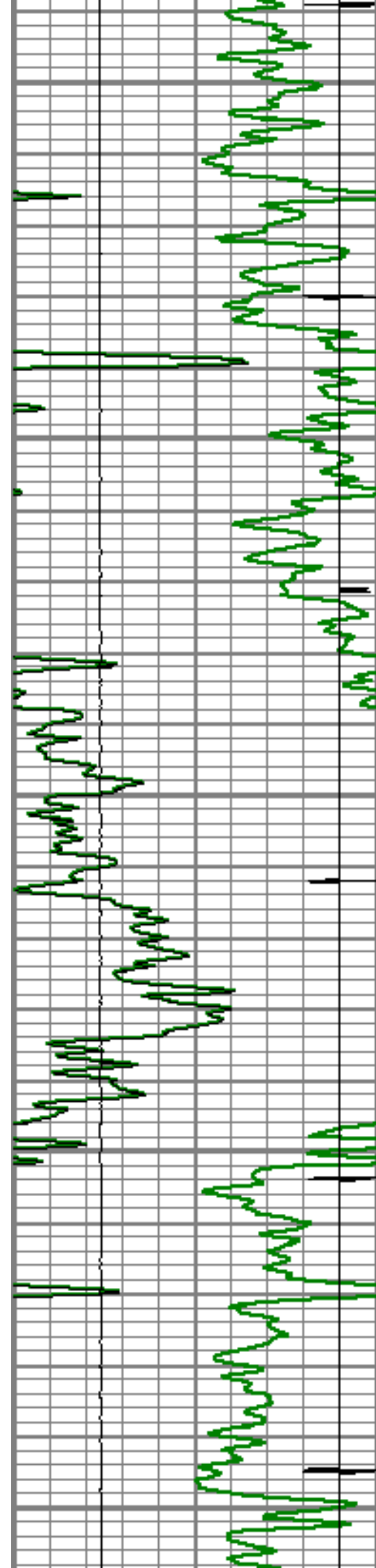
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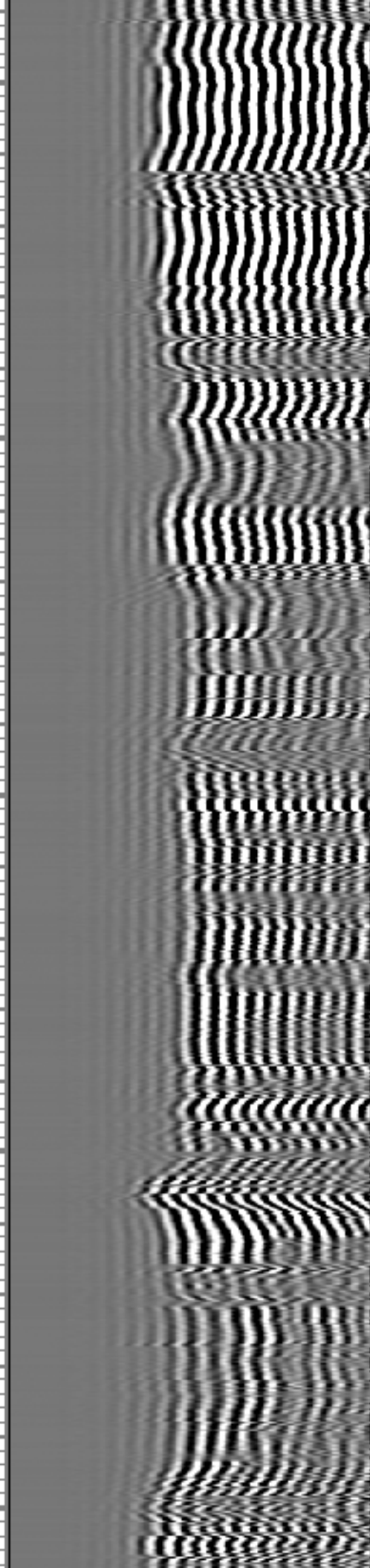
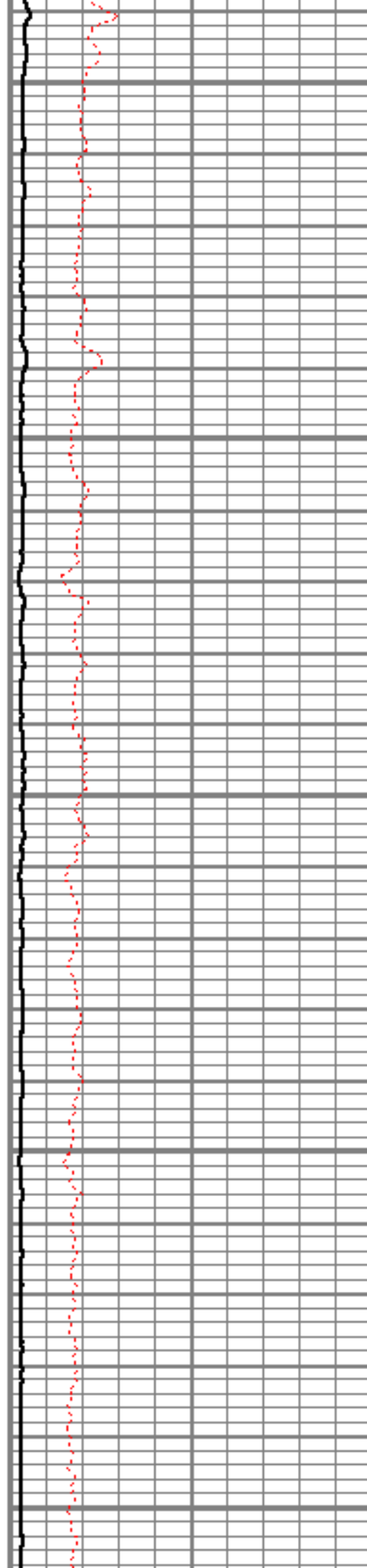
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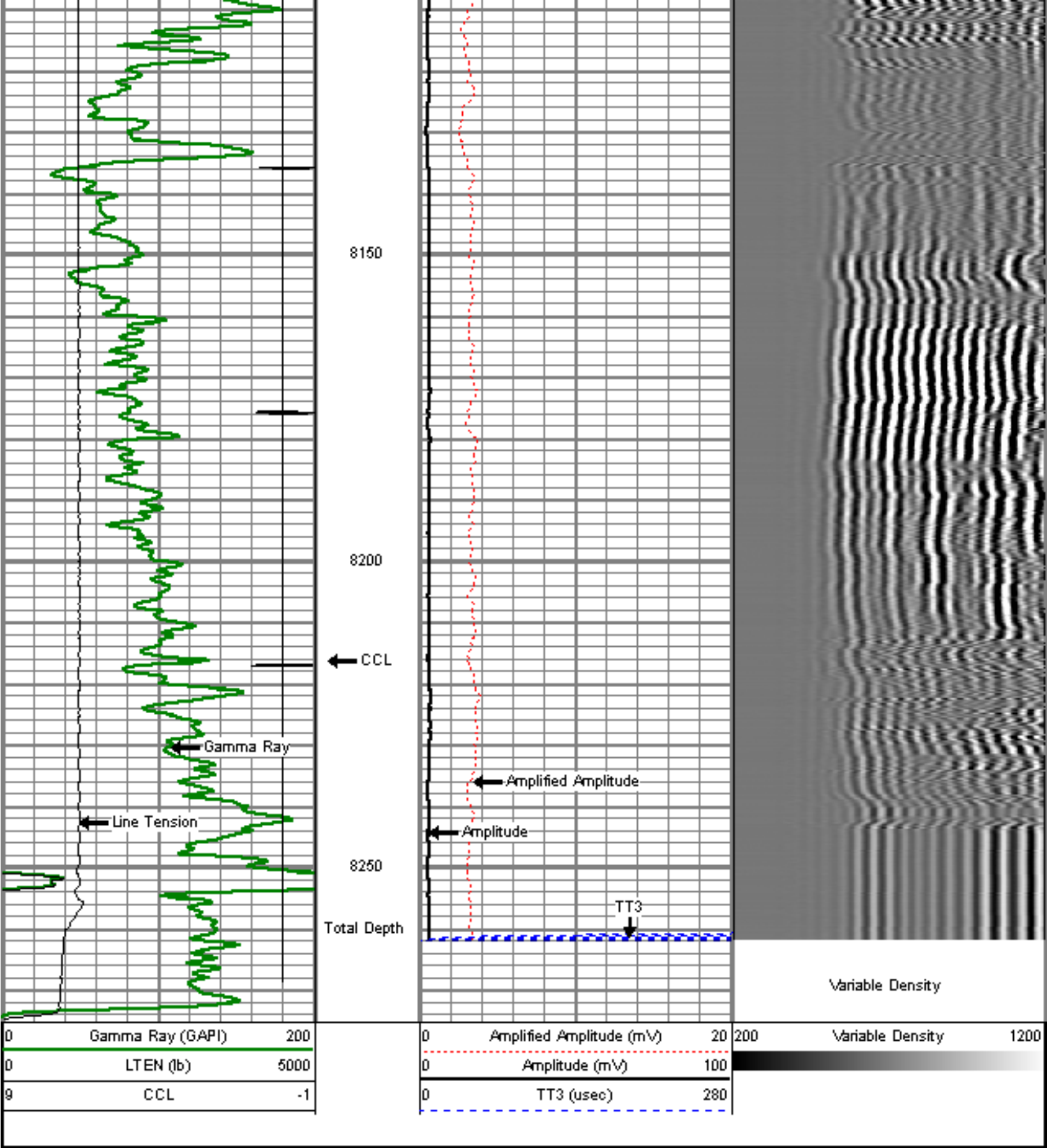
7950

8000

8050

8100





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

			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF3	13.69					
WVF5	12.69		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.7712) Probe 2.75" Dial Receiver Bond	2.75	2.75	60.00
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	5.33		CCL-PRB_CCL_2MAG (PRB_CCL_2MAG_02.02) Probe 2 MagnetCCL	2.75	2.75	
			GR-PROBE_GR (PRB_GR_275_01) Probe standard Gamma Ray Tool	4.54	2.75	30.00
GR	0.75					
Dataset: rodman 22-26.db: field/well/run1/pass13oh Total Length: 22.10 ft Total Weight: 111.50 lb O.D.: 2.75 in						



Company ENCANA OIL & GAS (USA)
 Well RODMAN BRUNTZ 22-26
 Field WATTENBERG
 County WELD



State

COLORADO