



CEMENT BOND LOG

Mesa Wireline

Company BAYSWATER EXPLORATION & PROD.
Well NC FARMS 16-32
Field WATTENBERG
County WELD
State COLORADO

Company BAYSWATER EXPLORATION & PROD. LLC
Well NC FARMS 16-32
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-34782-0000
SHL: 185' FSL & 725' FEL SESE
BHL: 659' FSL & 643' FEL SESE
SEC: 32 TWP: 7N RGE: 64W
Permanent Datum GROUND LEVEL Elevation 4805'
Log Measured From KELLY BUSHING = 16'
Drilling Measured From KELLY BUSHING
Other Services
NONE
Elevation
K.B. 4821'
D.F. 4820'
G.L. 4805'

Date 23 FEBRUARY 2012

Run Number	ONE
Depth Driller	7353'
Depth Logger	7294'
Bottom Logged Interval	7294'
Top Log Interval	600'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.3#
Max. Recorded Temp.	240 DEG F
Estimated Cement Top	2380'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	10501 PRD01
Location	AULT, CO
Recorded By	Z. EMICK
Witnessed By	R. PAPE

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	0'	825'				
TWO	7.875"	825'	7355'				

Casing Record	Size	Wt/Lt	Top	Bottom
Surface String	8.625"	24#	0'	815'
Prot. String				
Production String	4.5"	11.6#	0'	7345'
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 PSI HIGH RESOLUTION INDUCTION LOG DATED 17 FEBRUARY 2012
SHORT JOINT 6760' - 6780'

CEMENT GRADE:

EXCELENT 3050' - 7294'
FAIR 2380' - 3050'

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



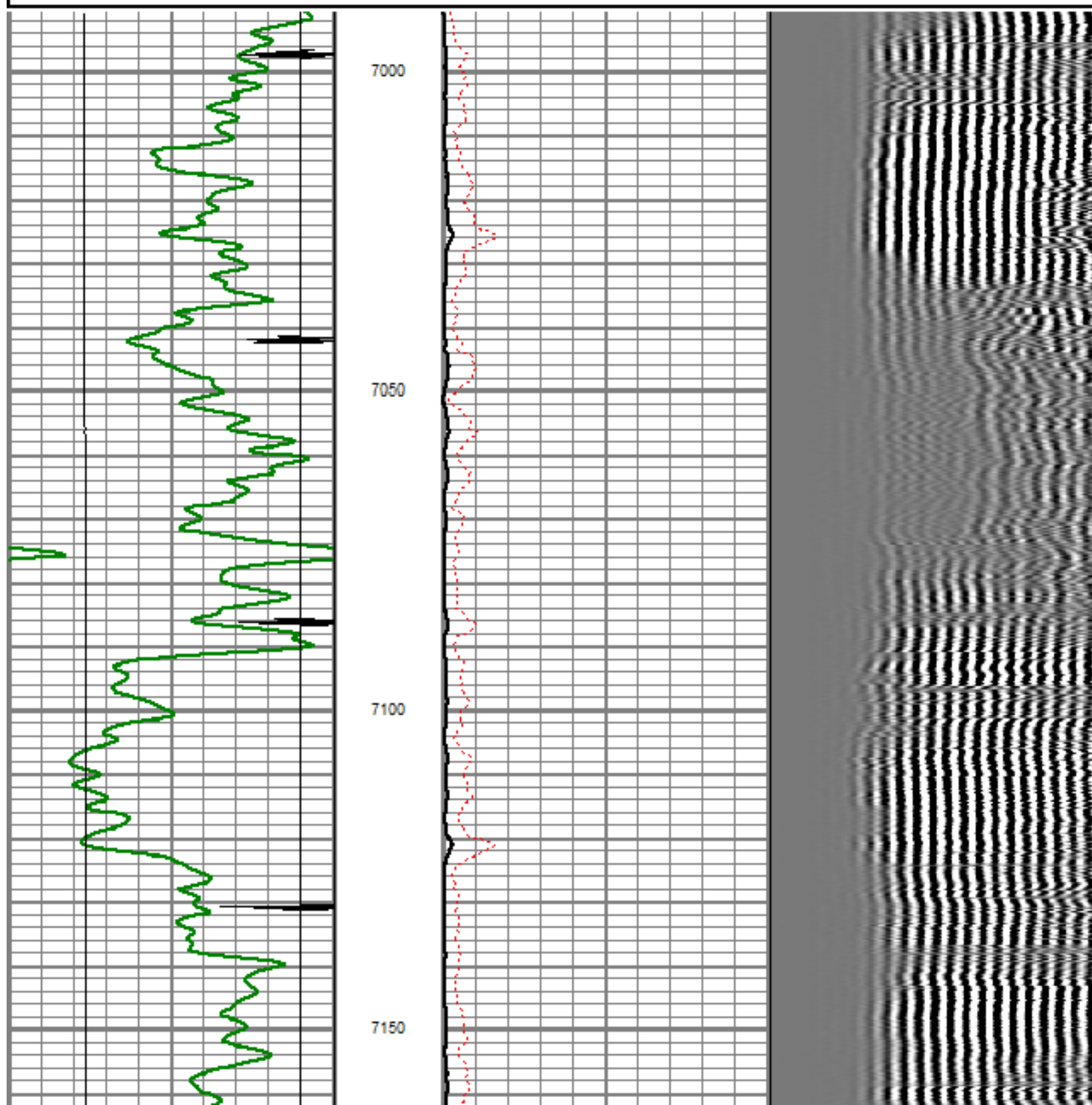
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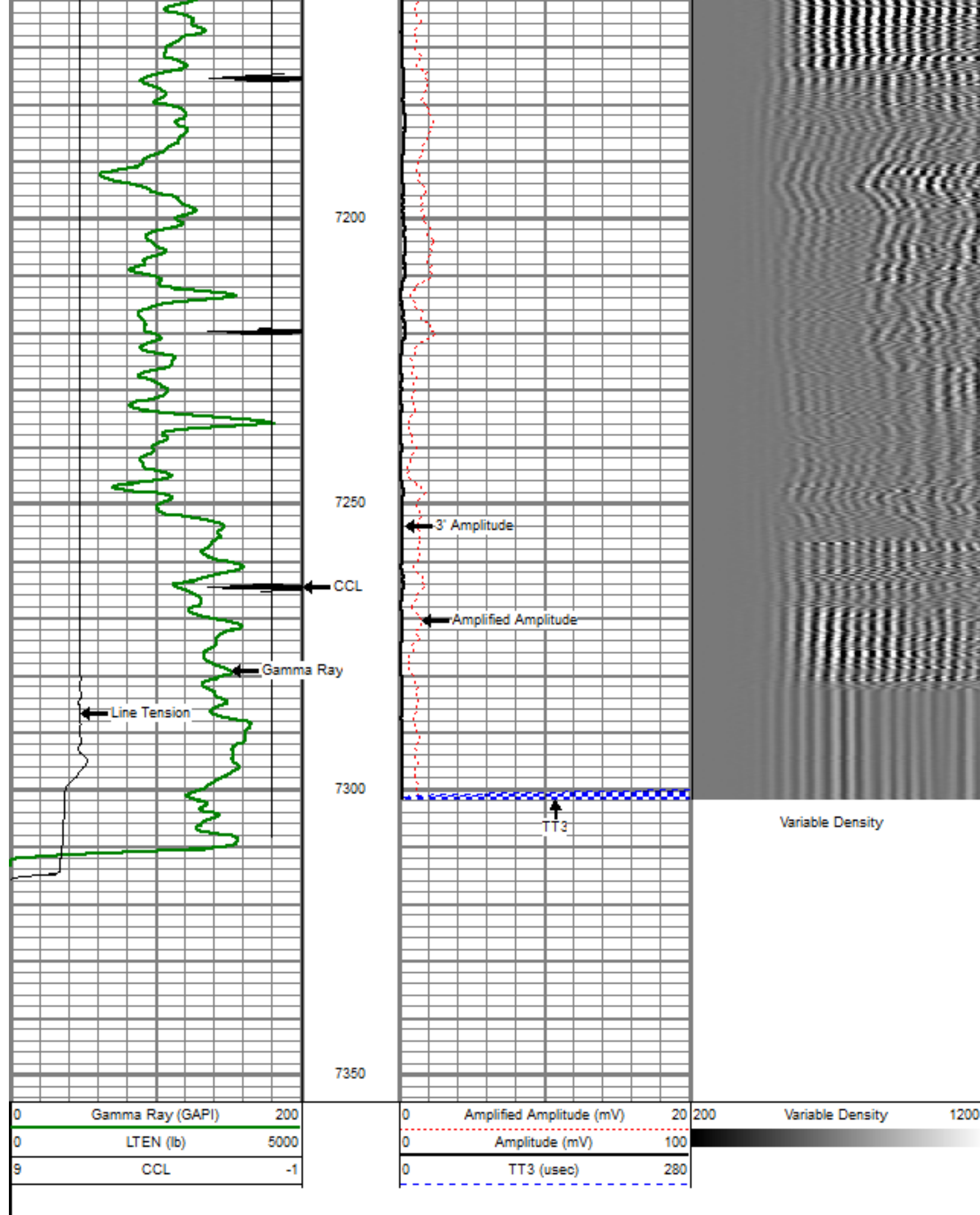
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Charted by: Depth in Feet scaled 1:240

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



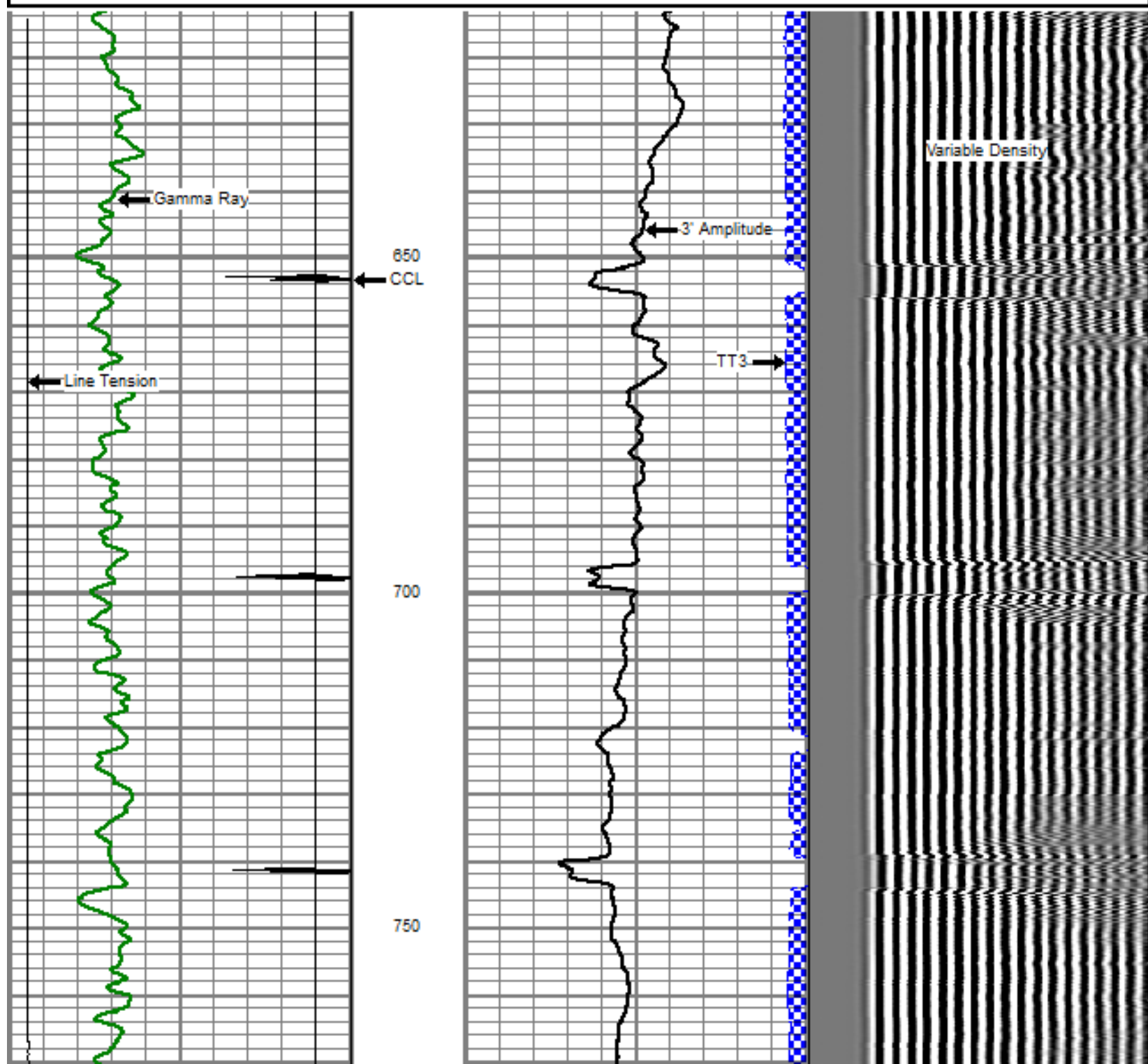


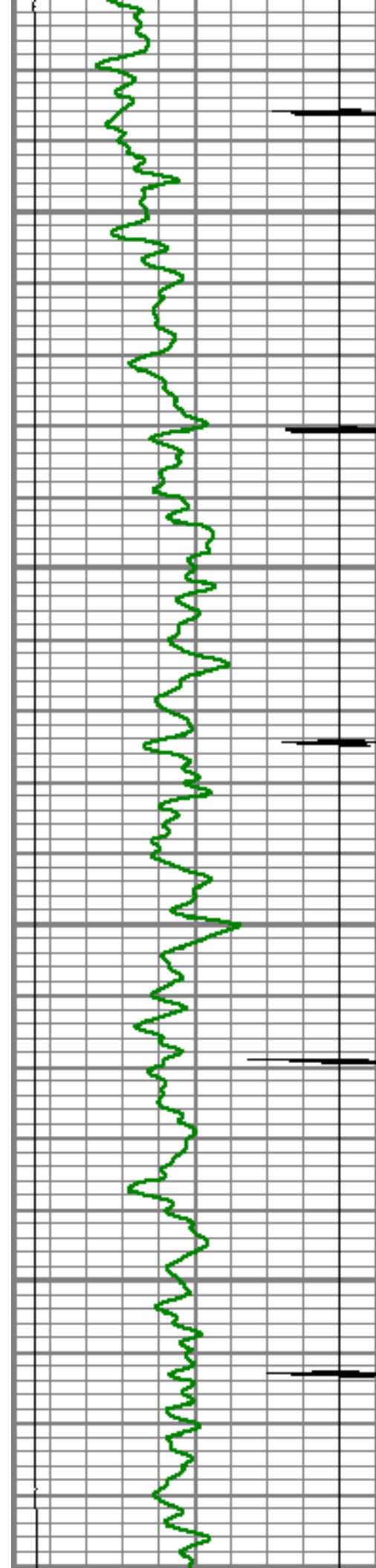
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0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1

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

200 Variable Density 1200



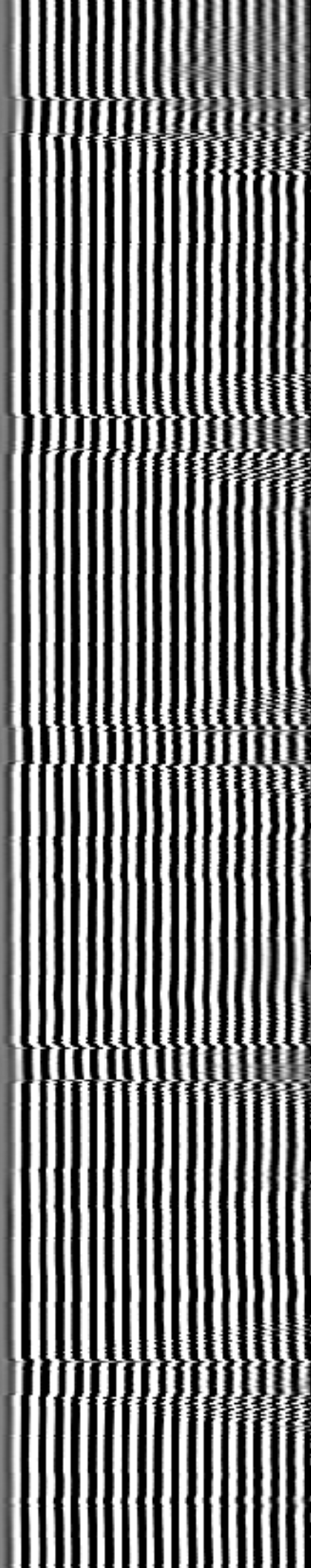
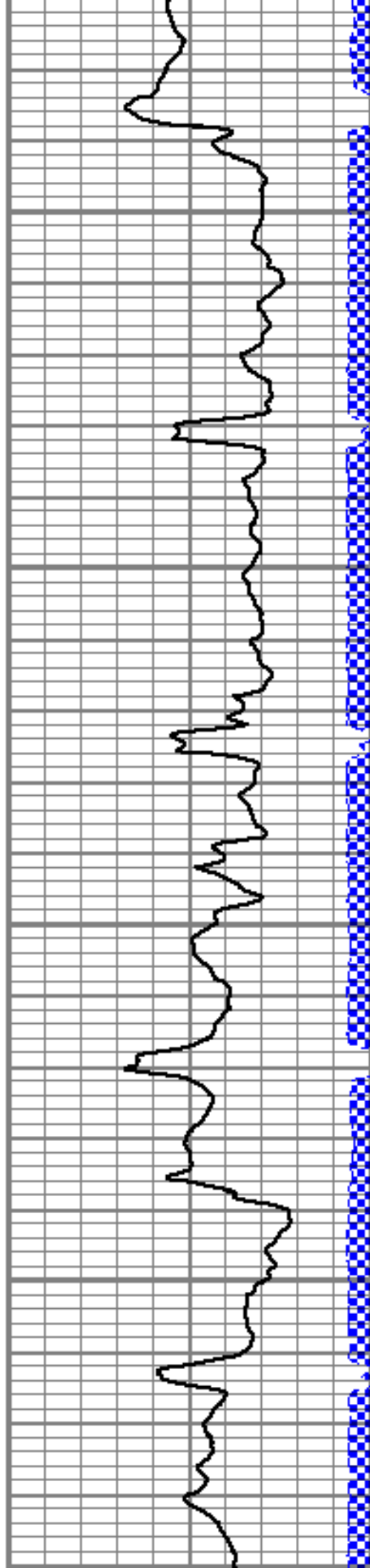


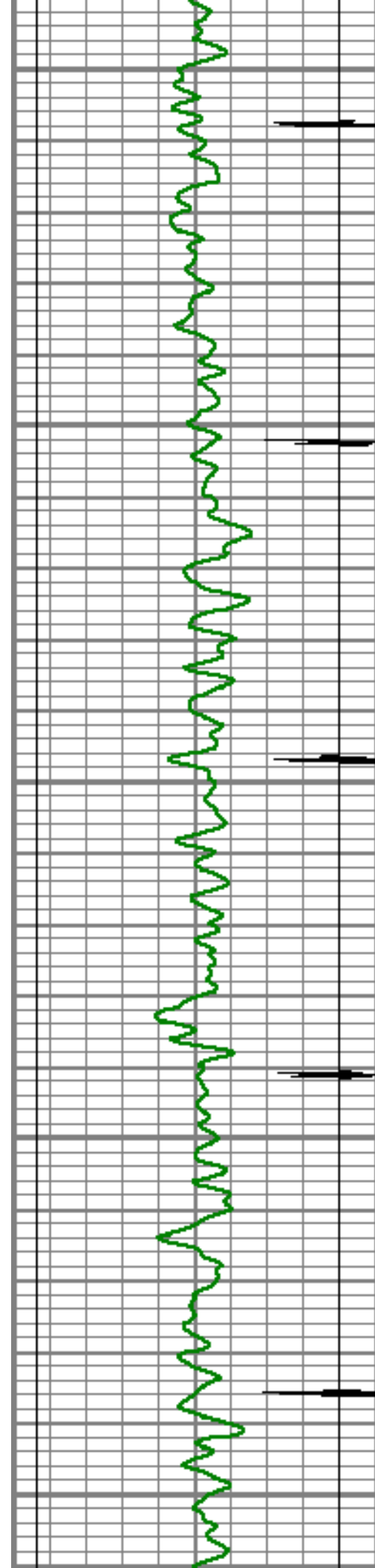
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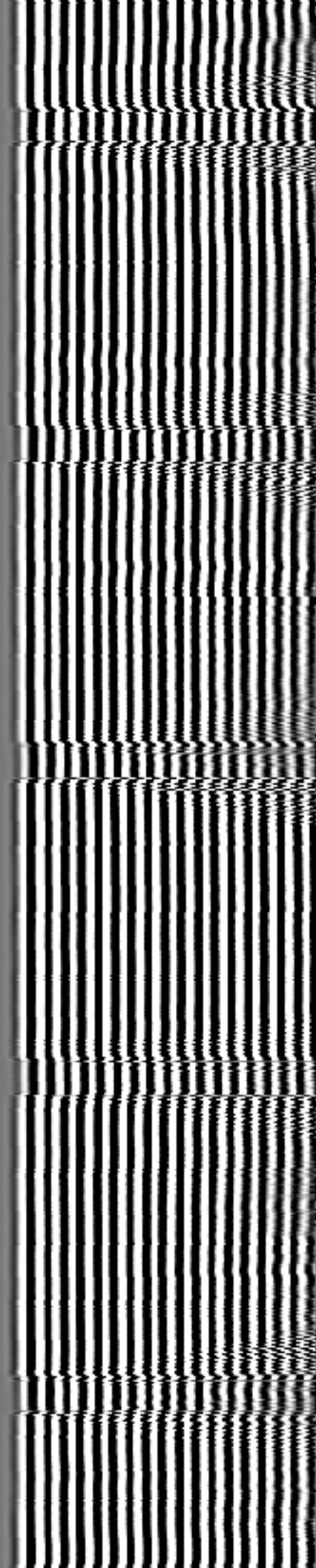
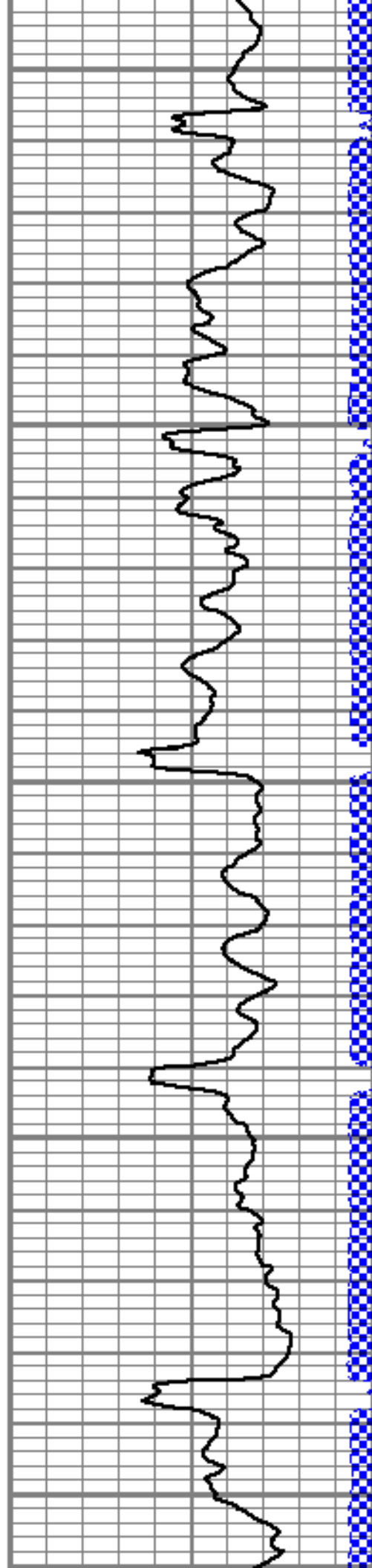
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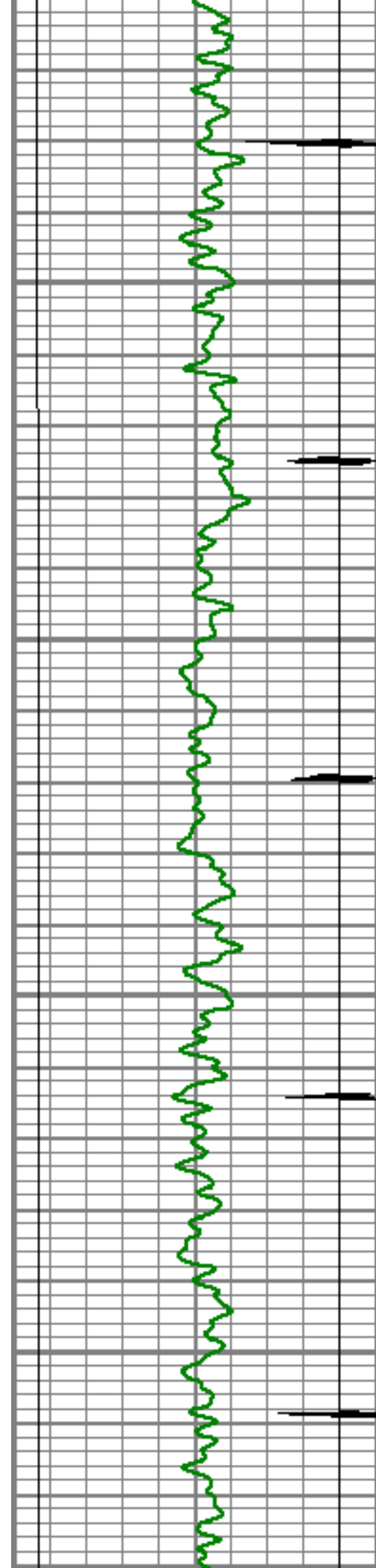
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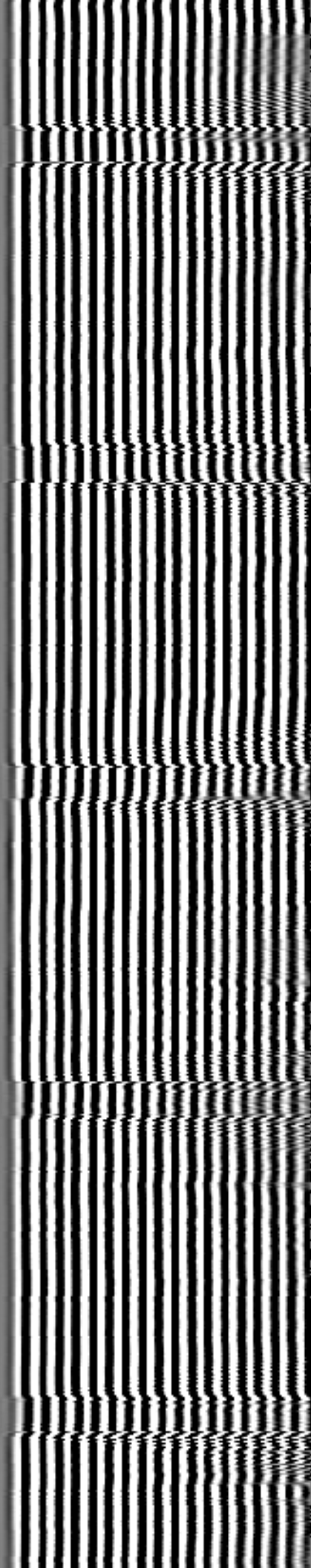
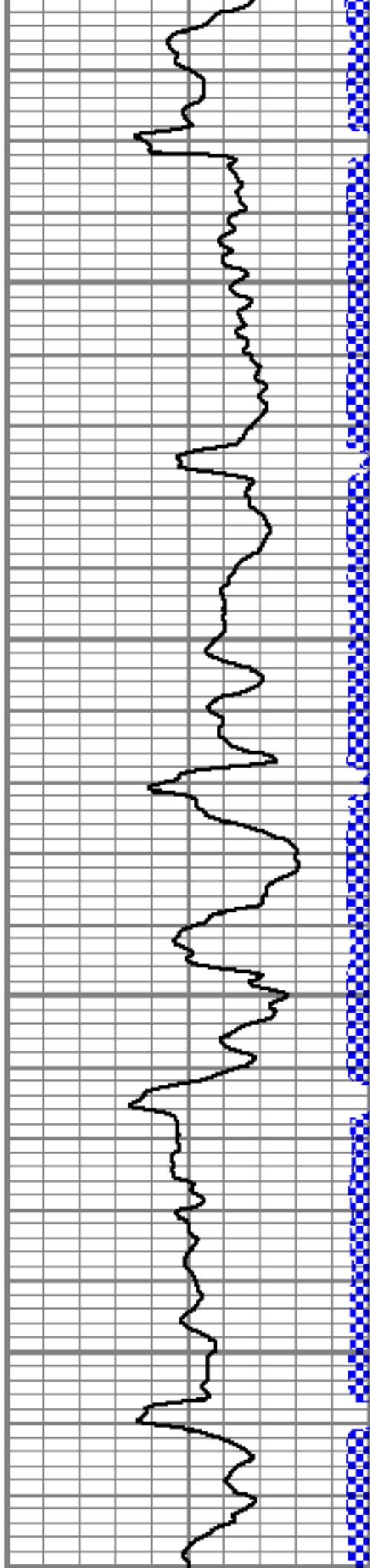


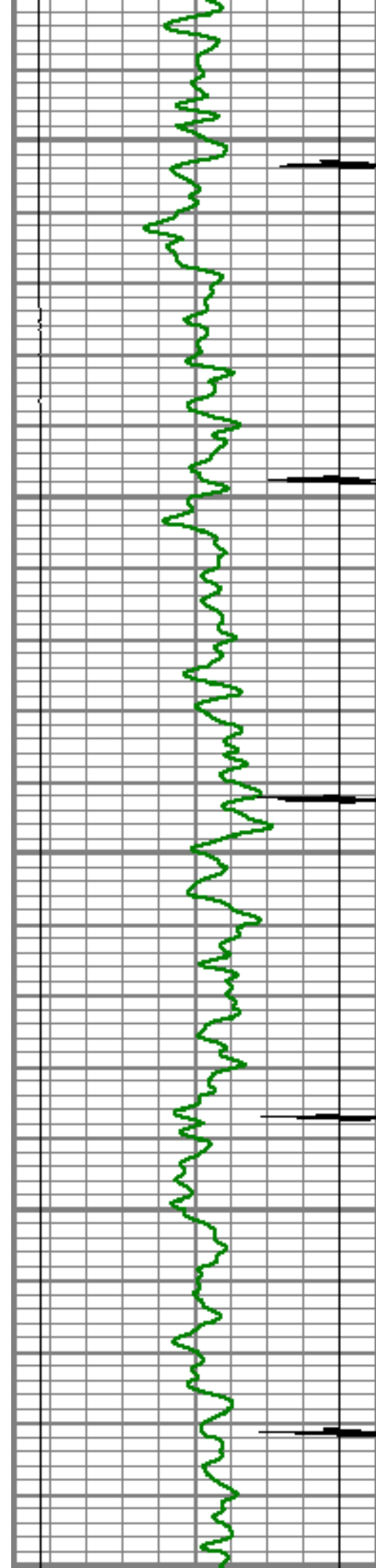
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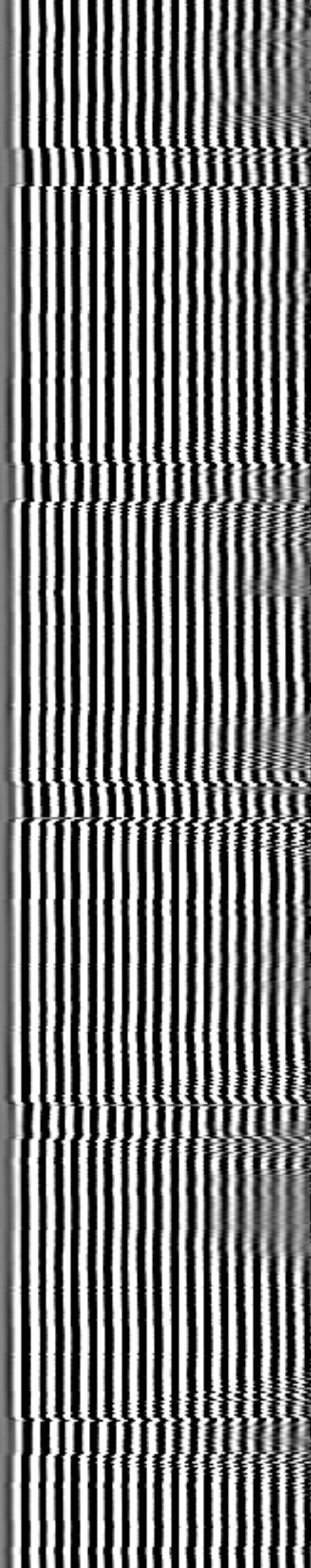
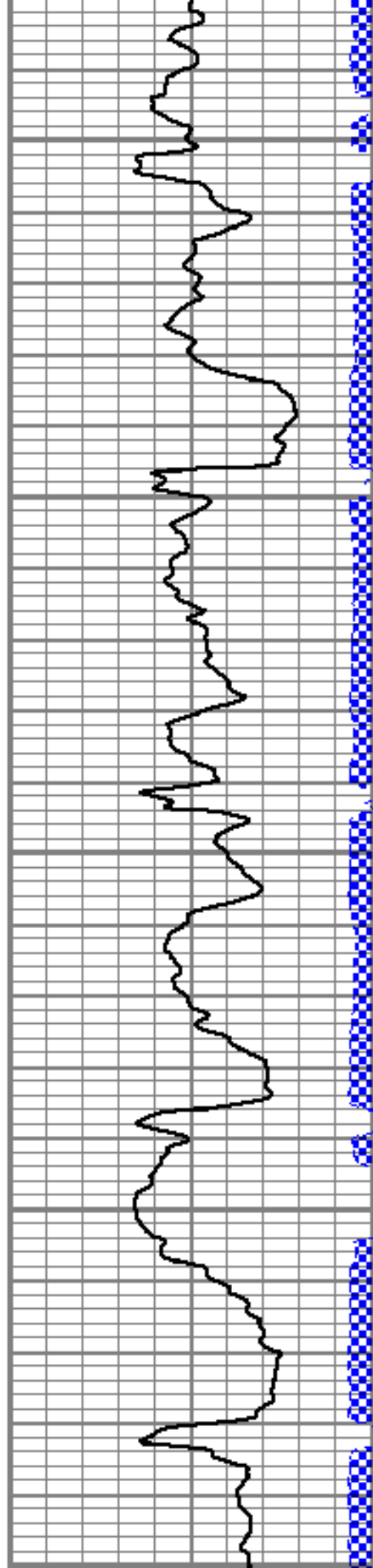
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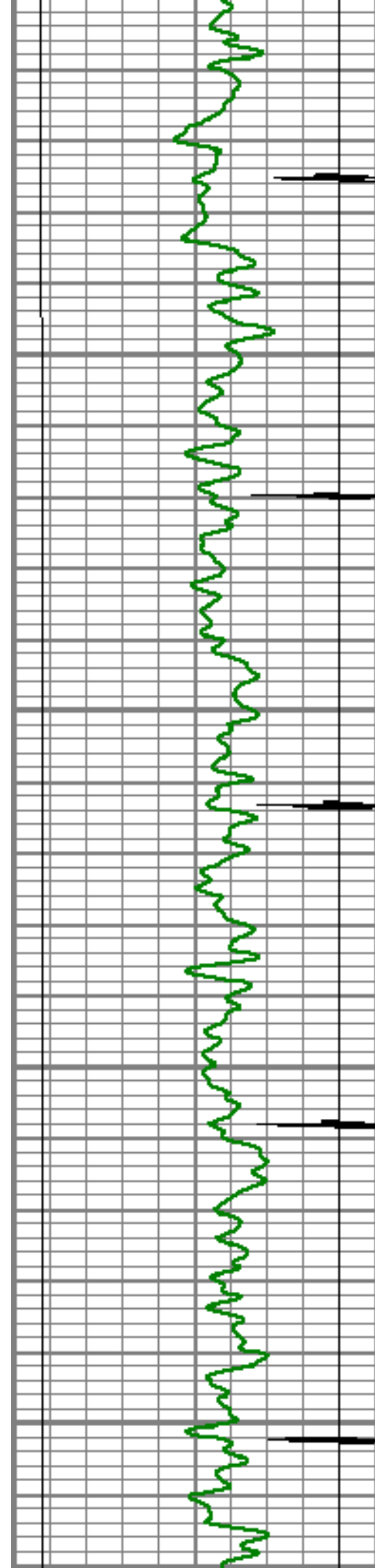
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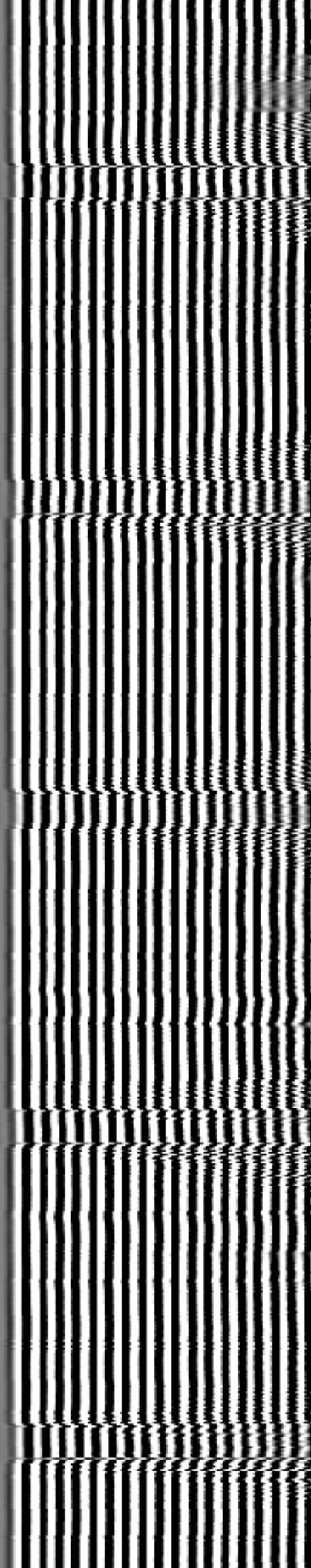
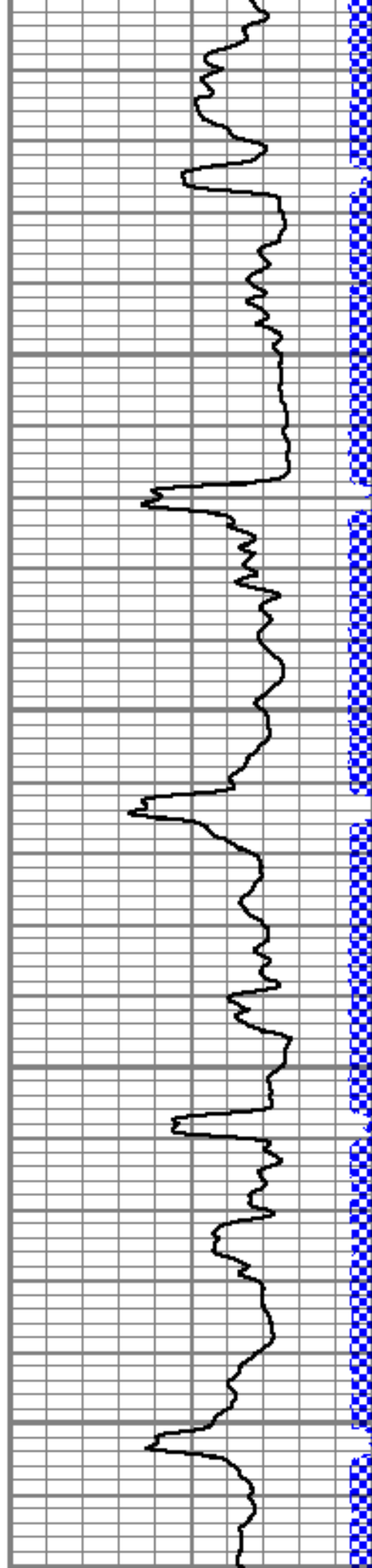
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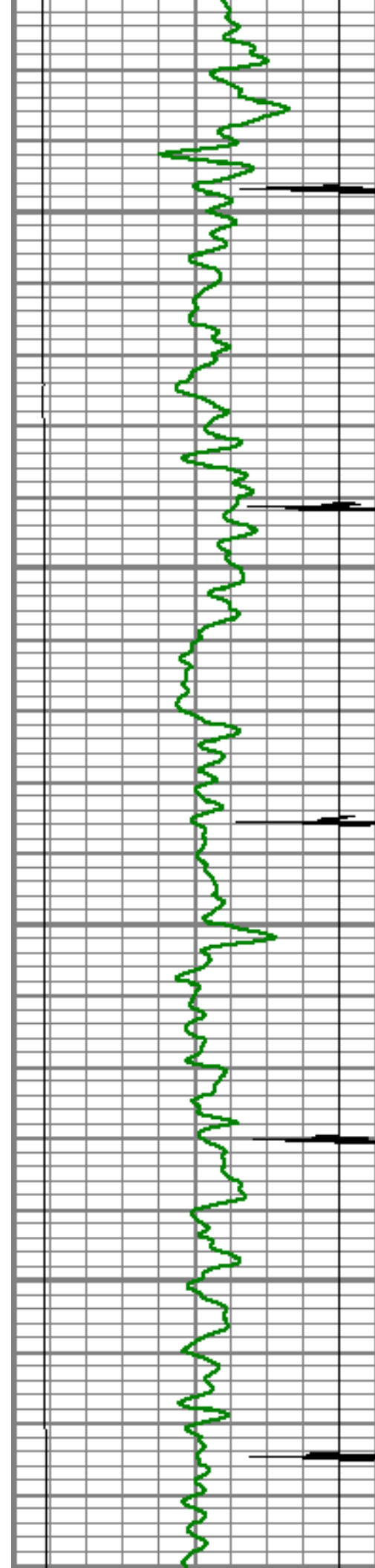
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1850 1800 1750 1700



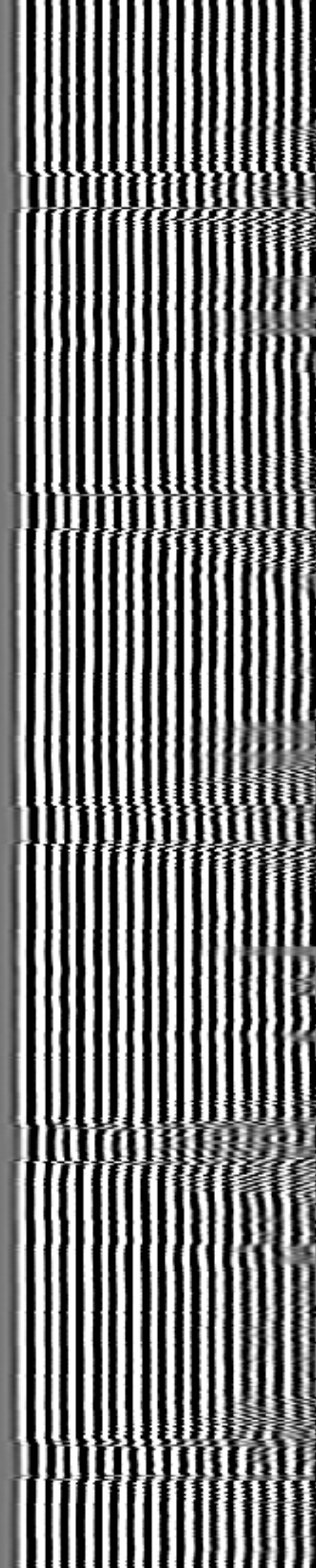
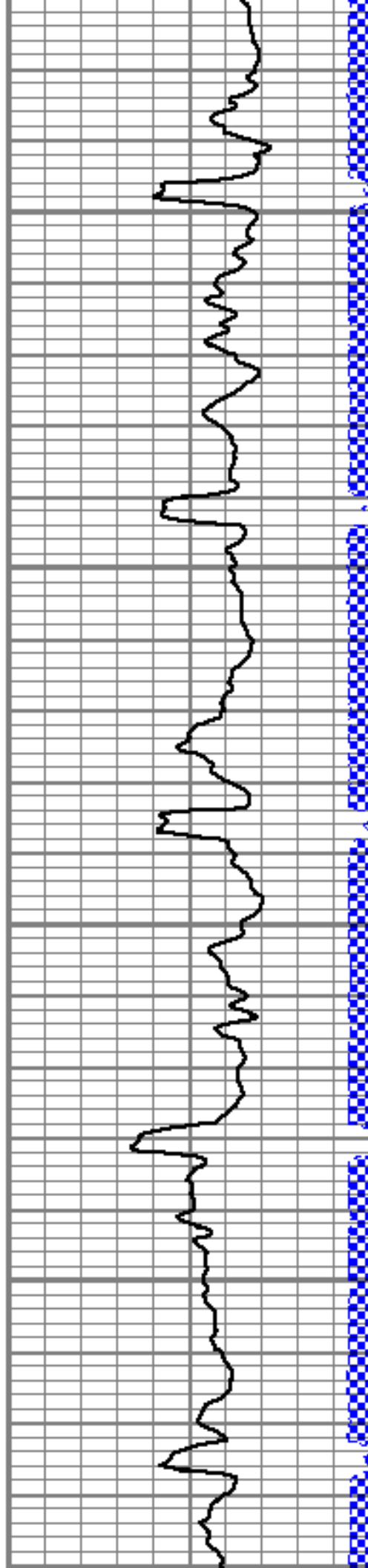


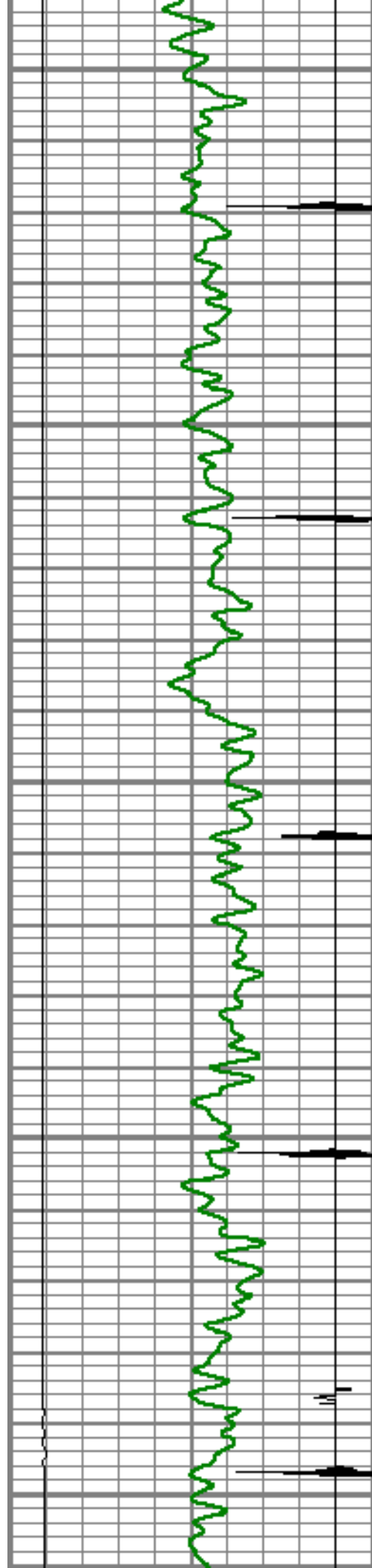
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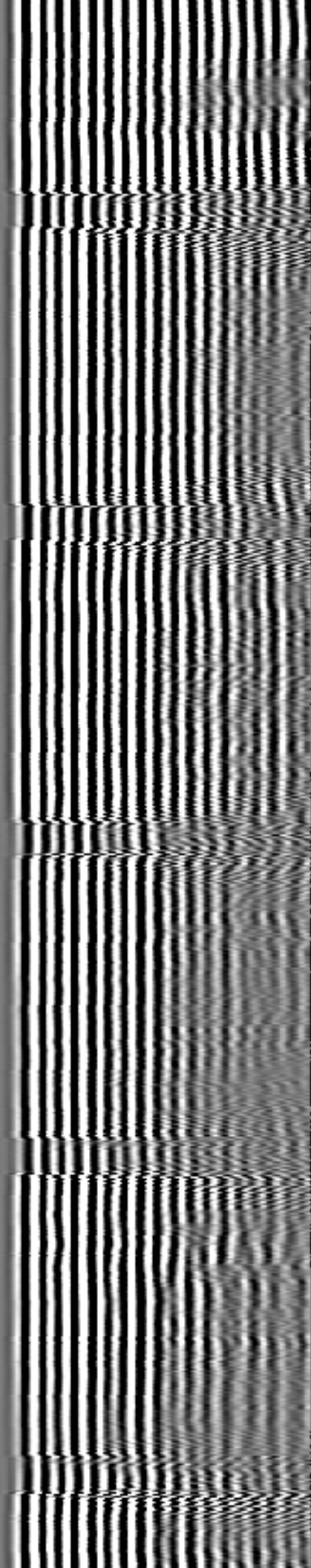
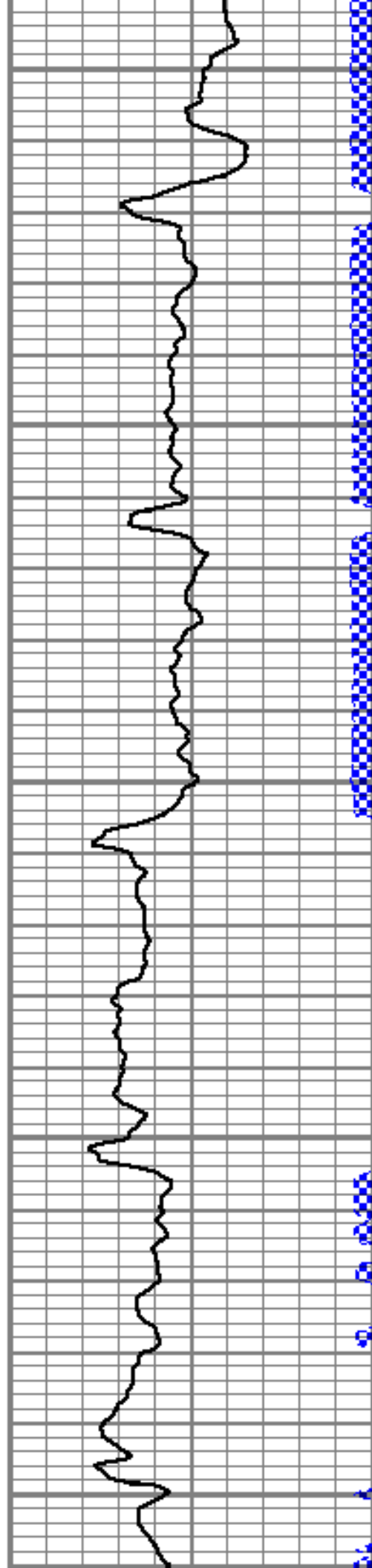
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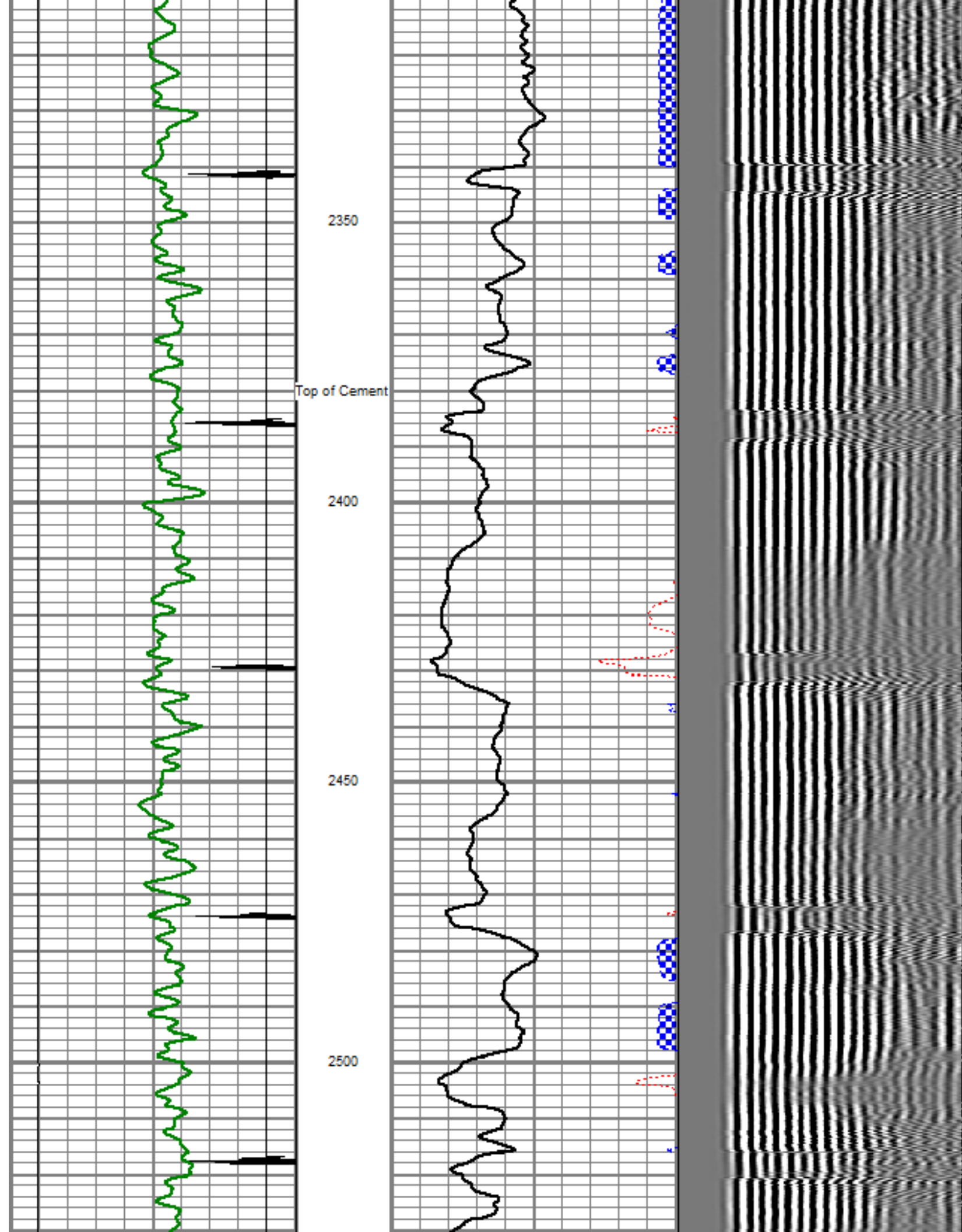
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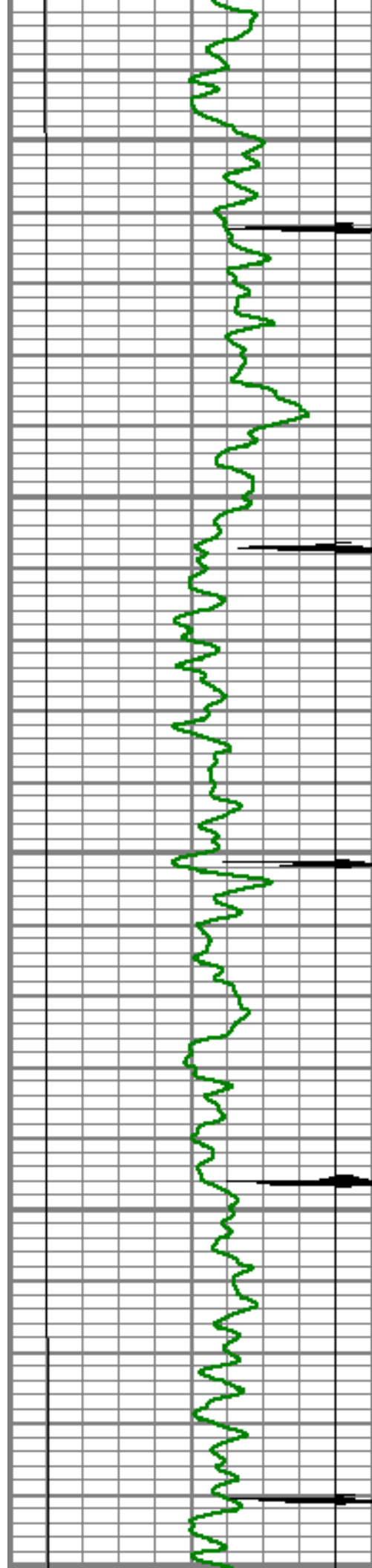
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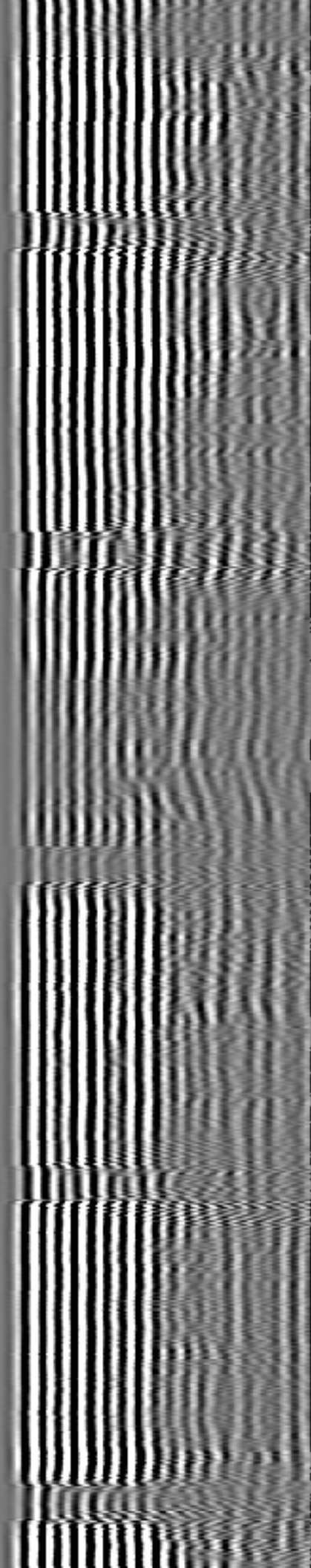
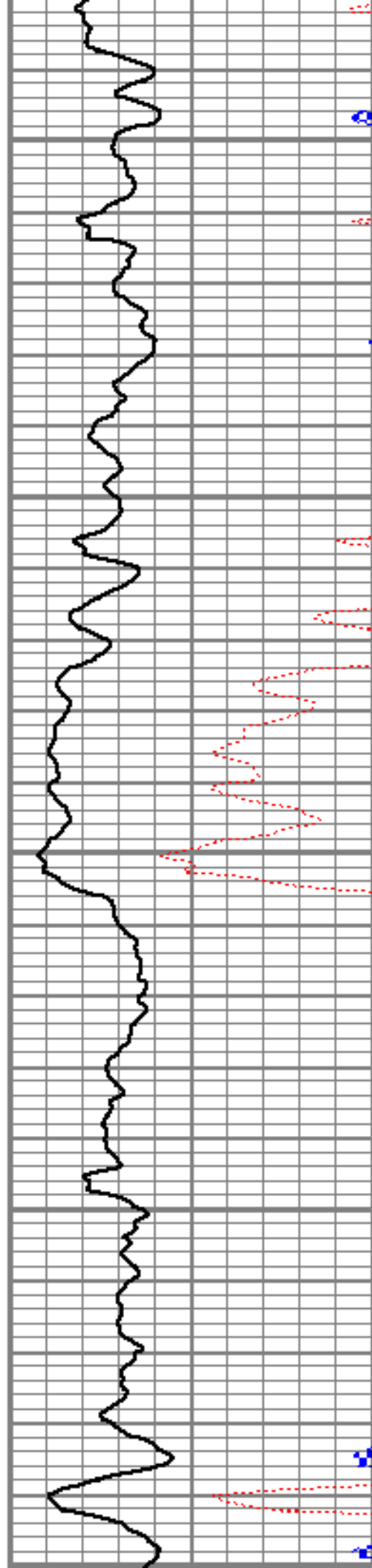
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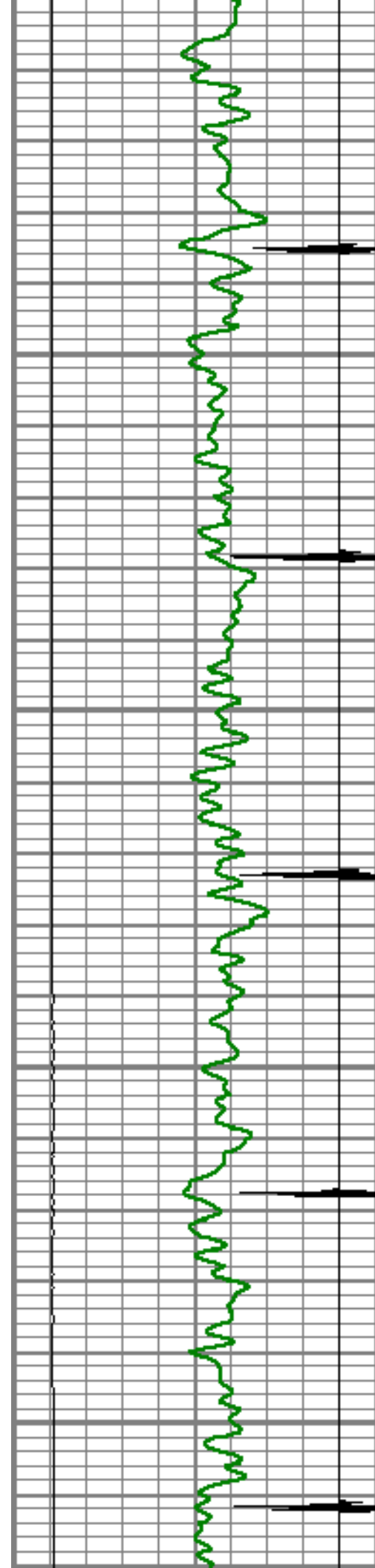
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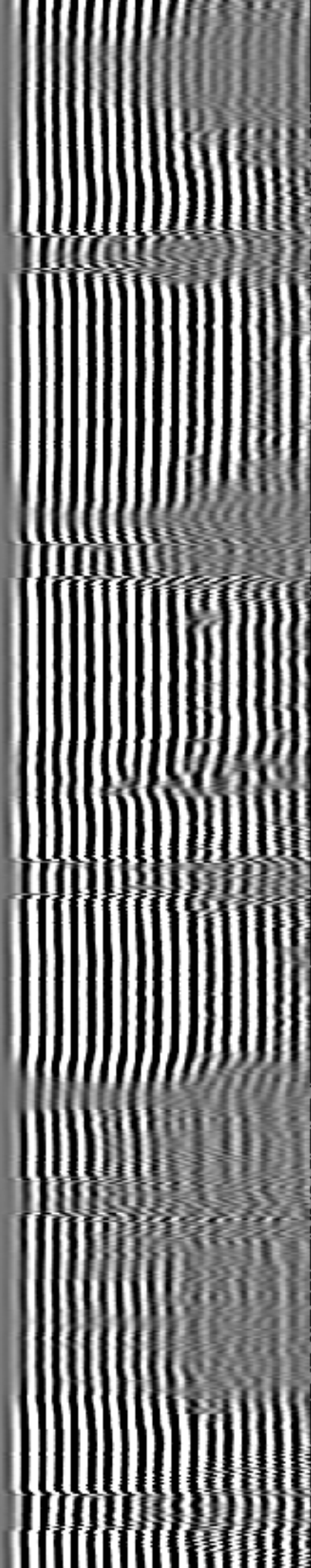
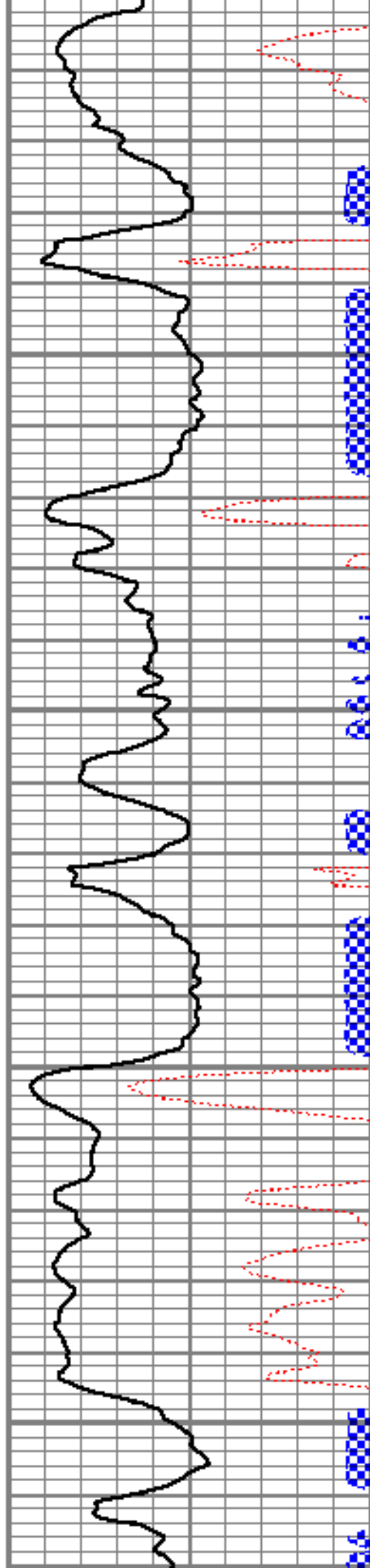


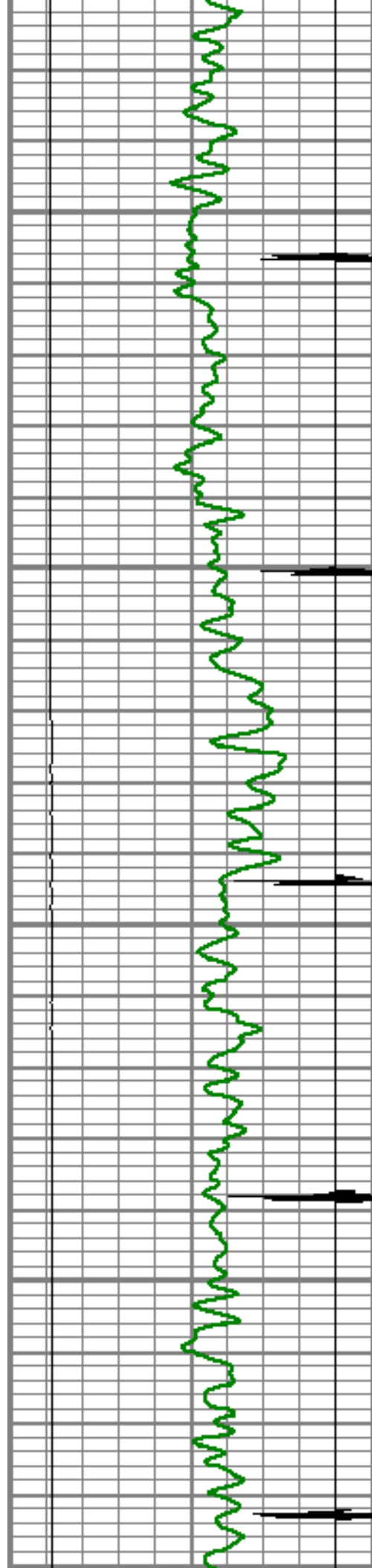
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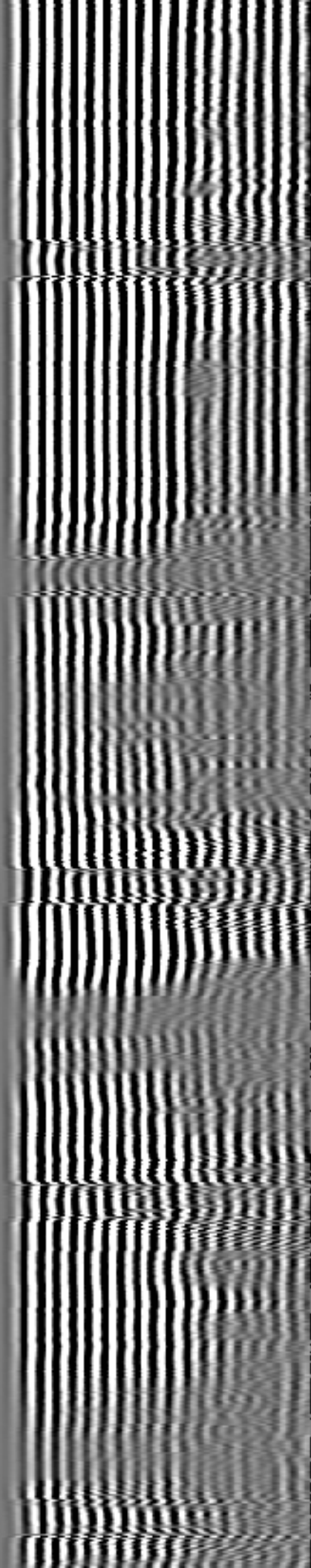
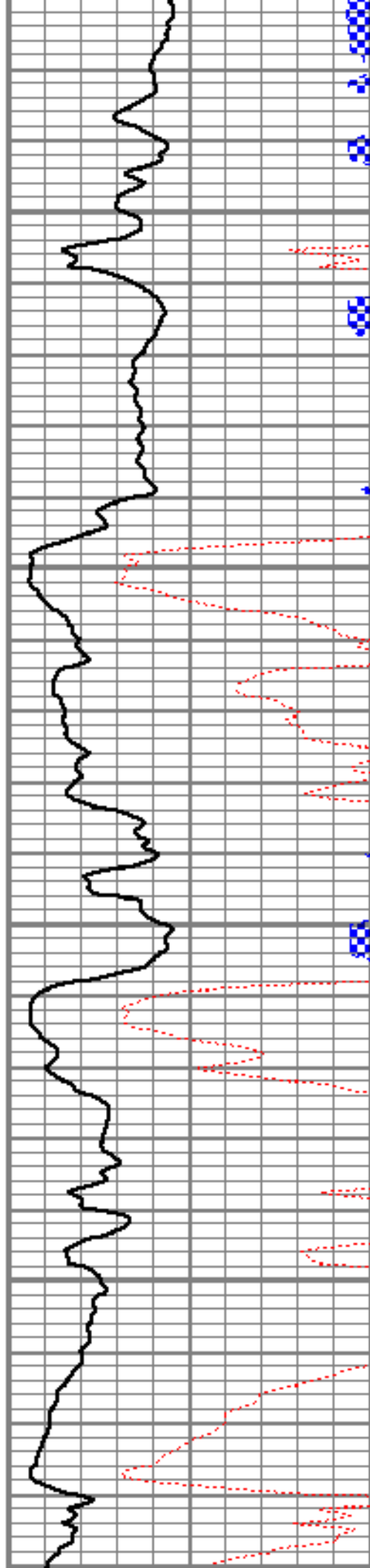


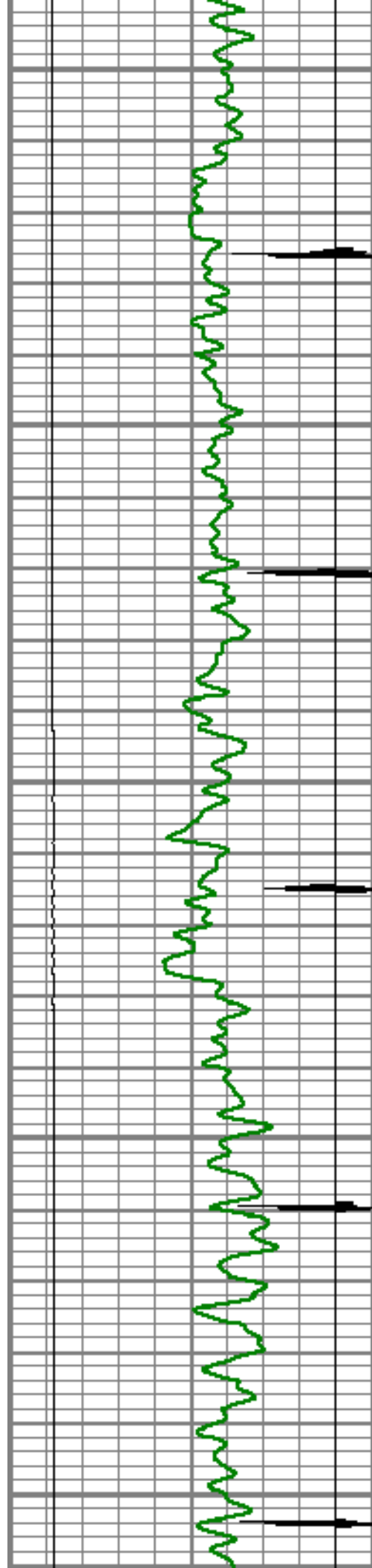
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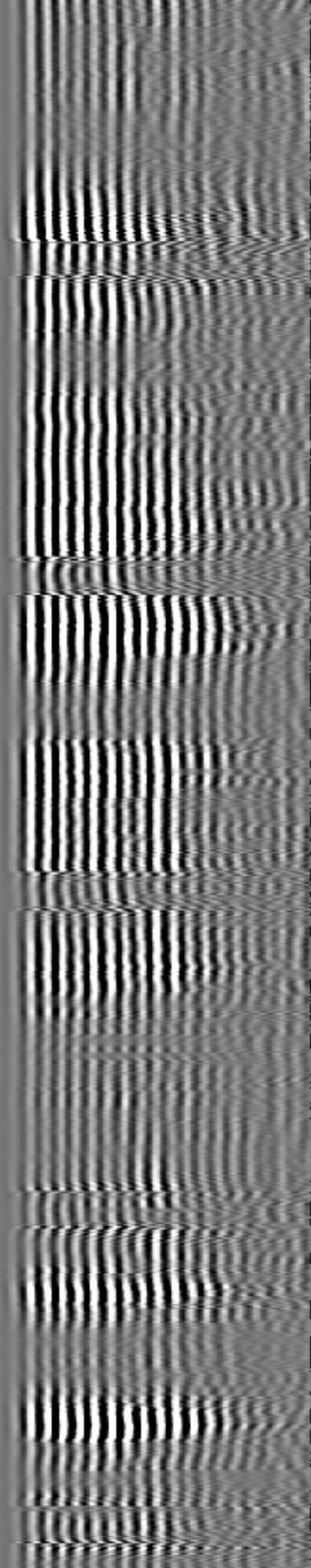
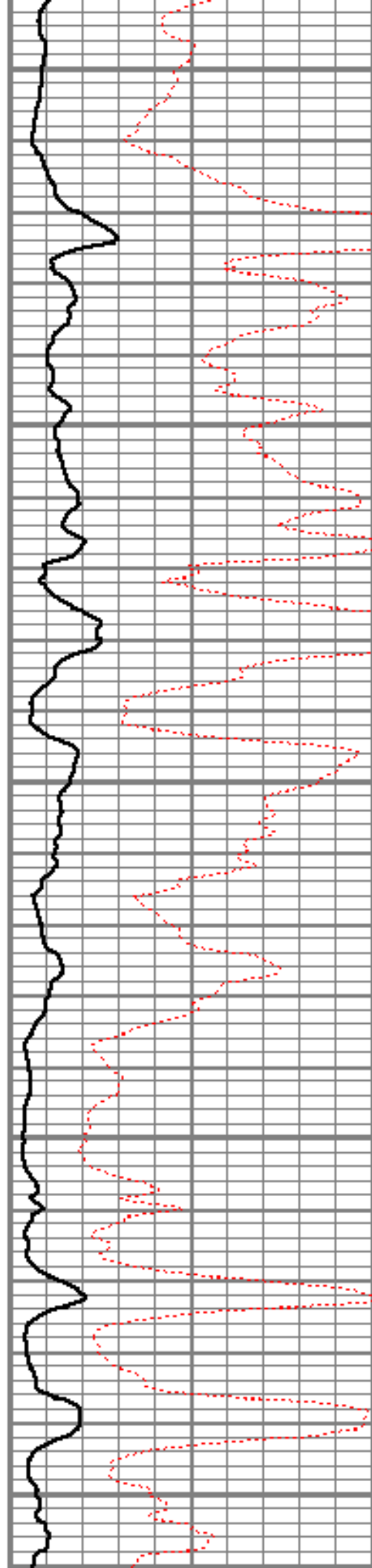
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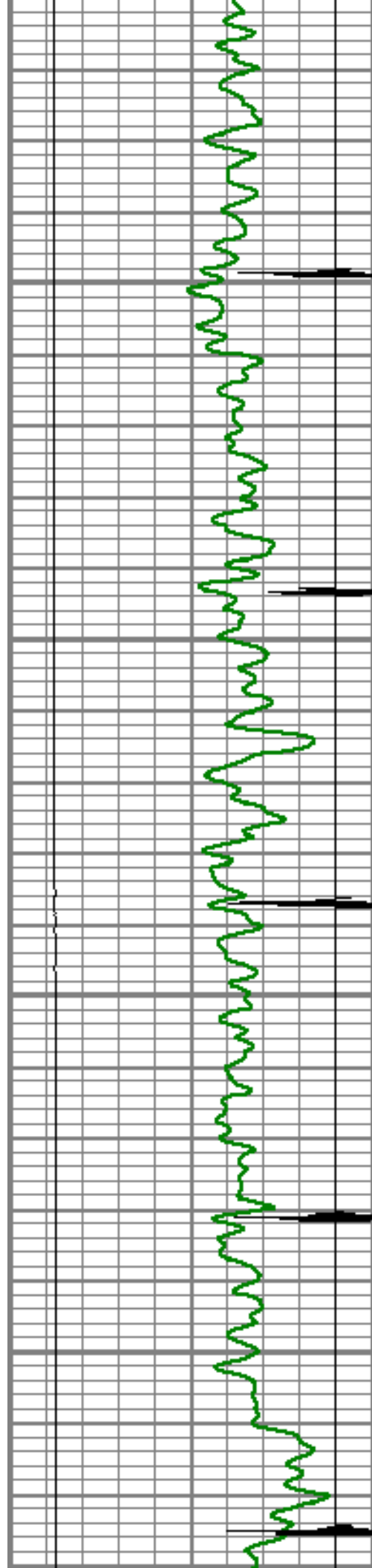
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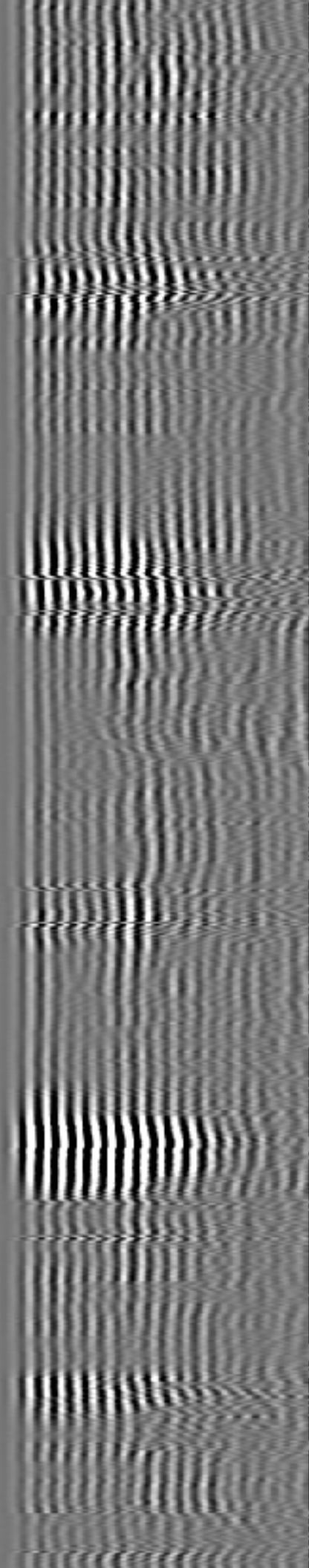
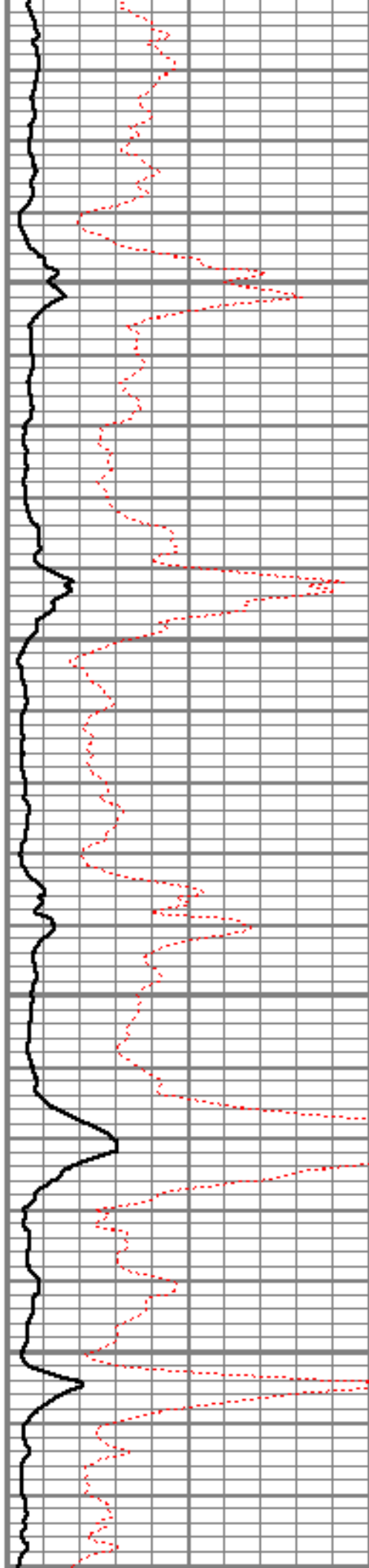


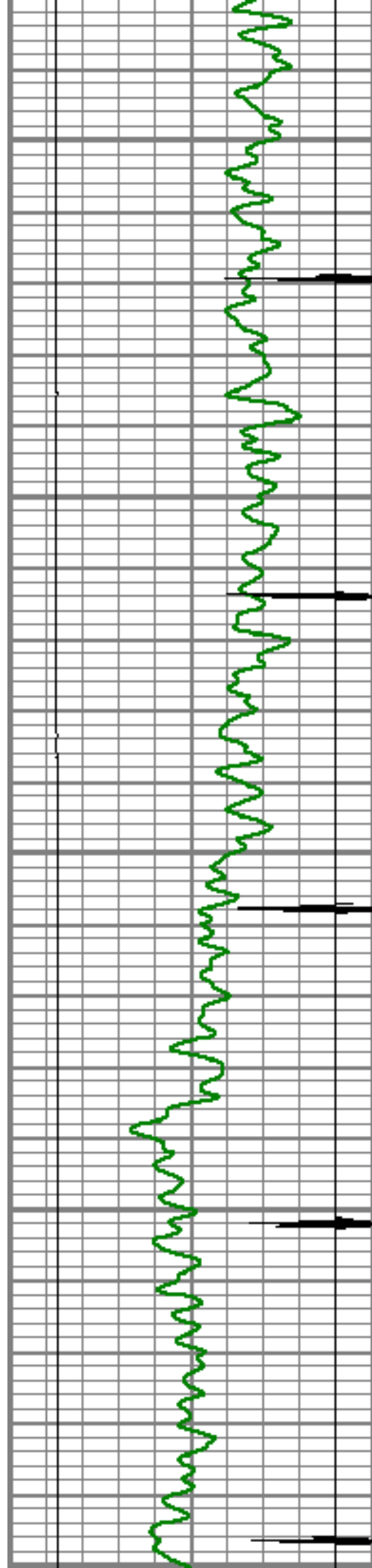
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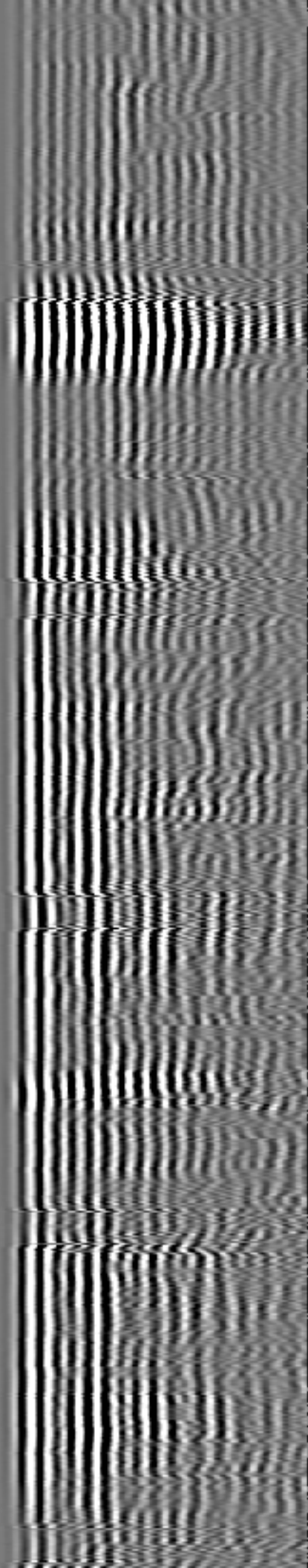
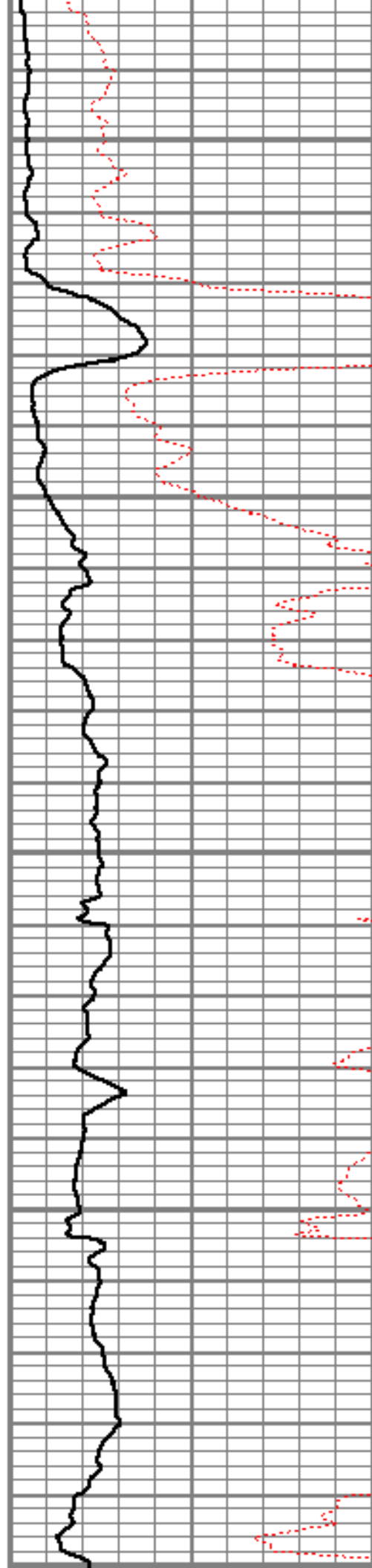
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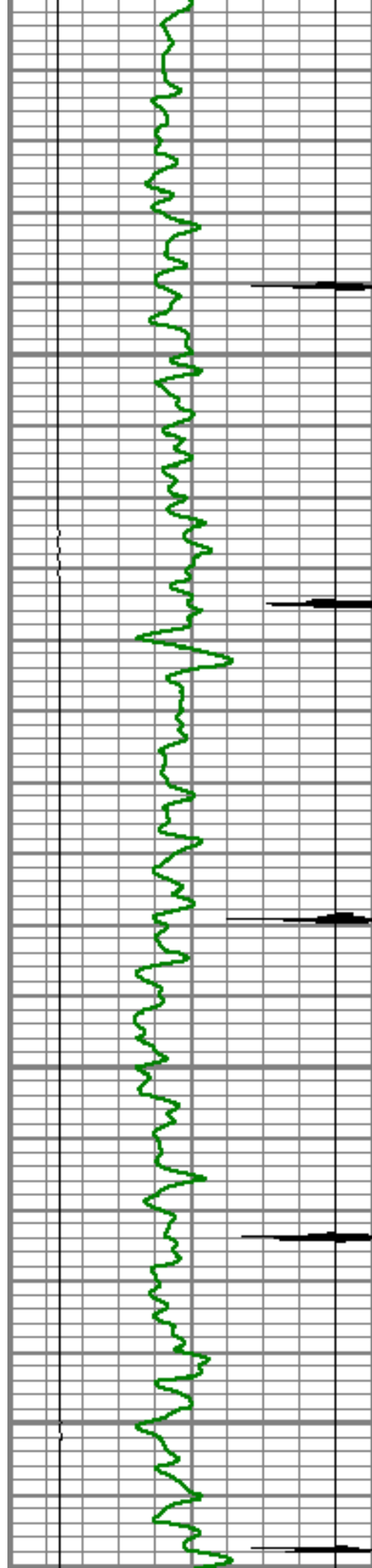
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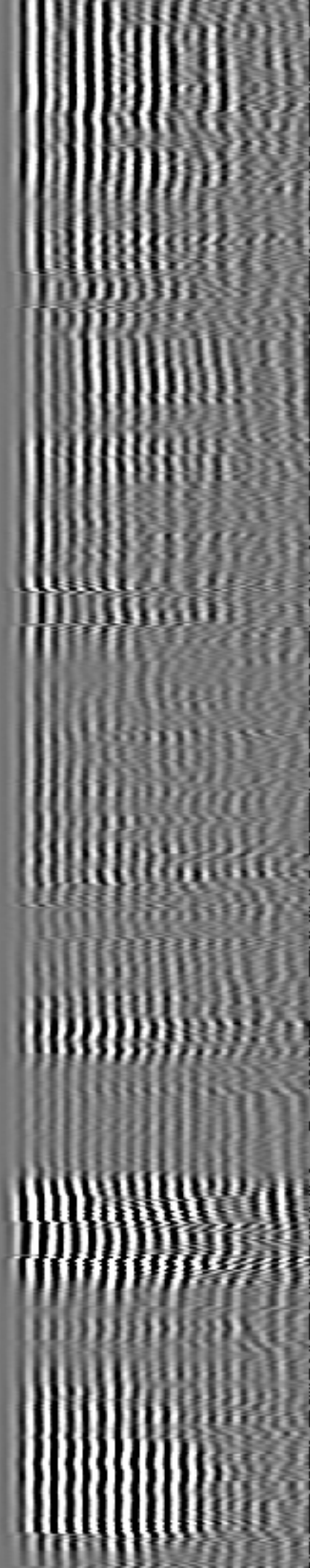
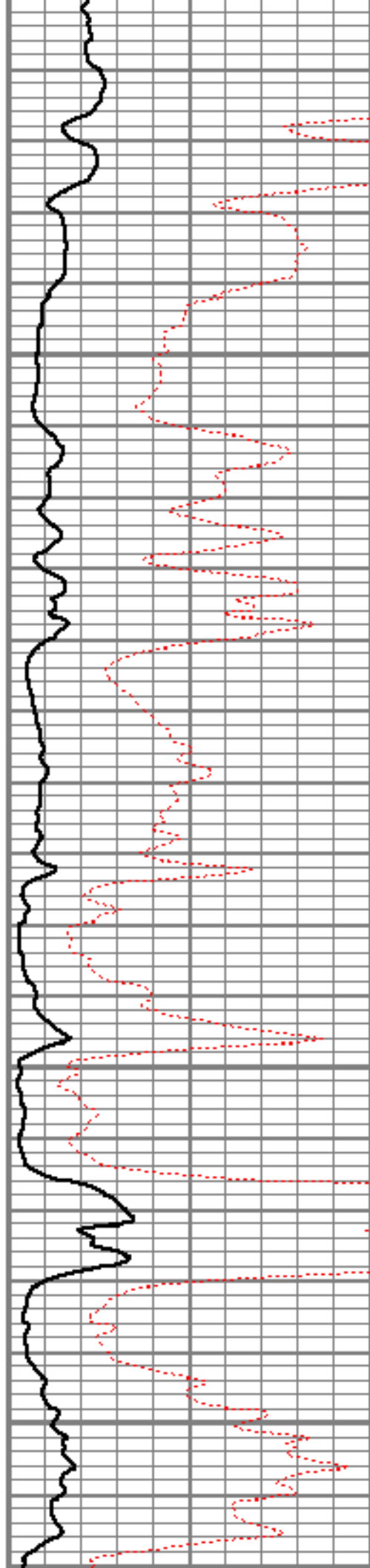


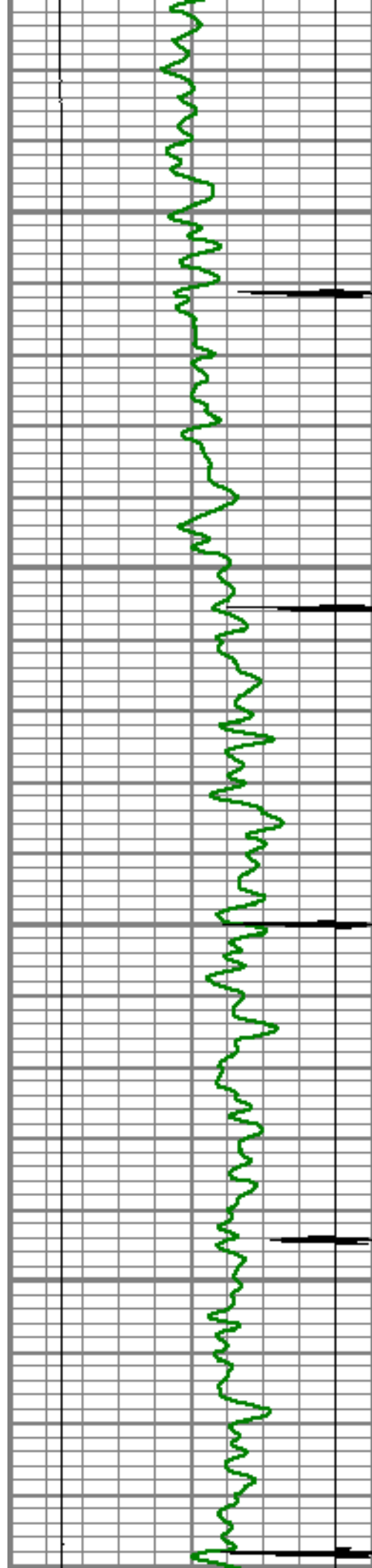
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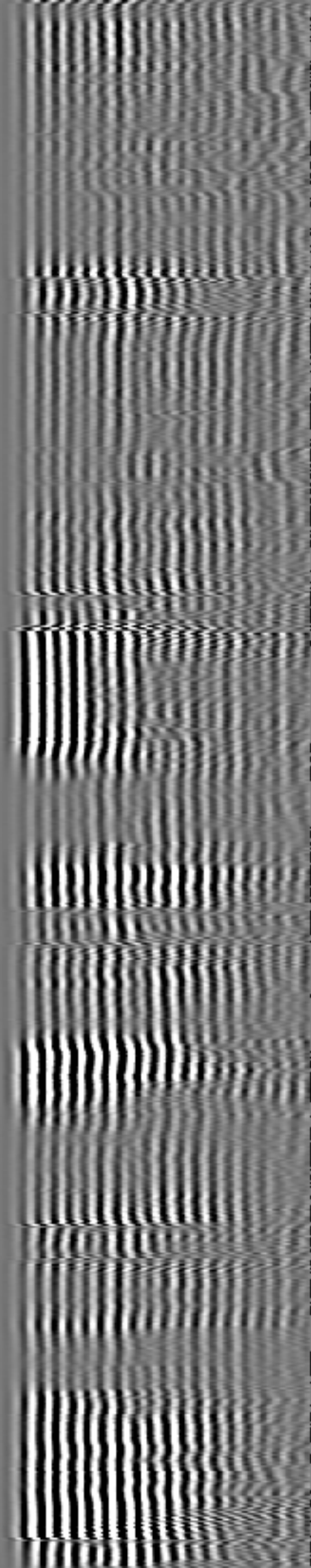
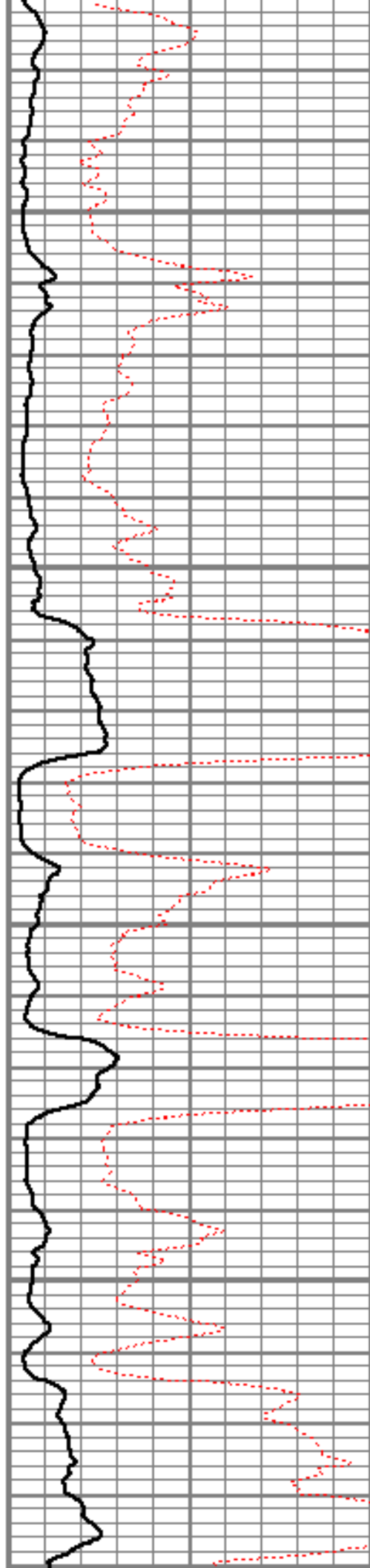


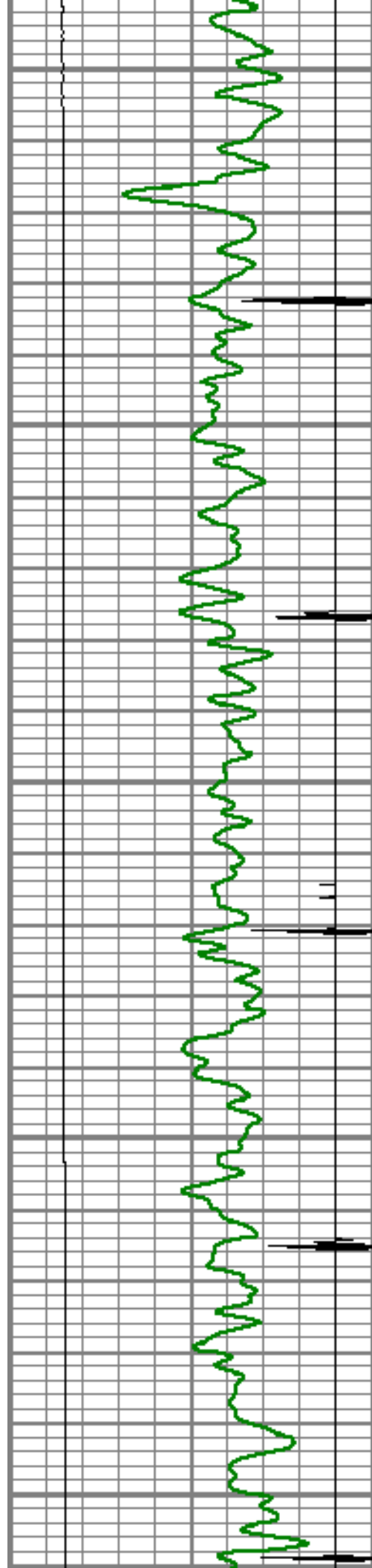
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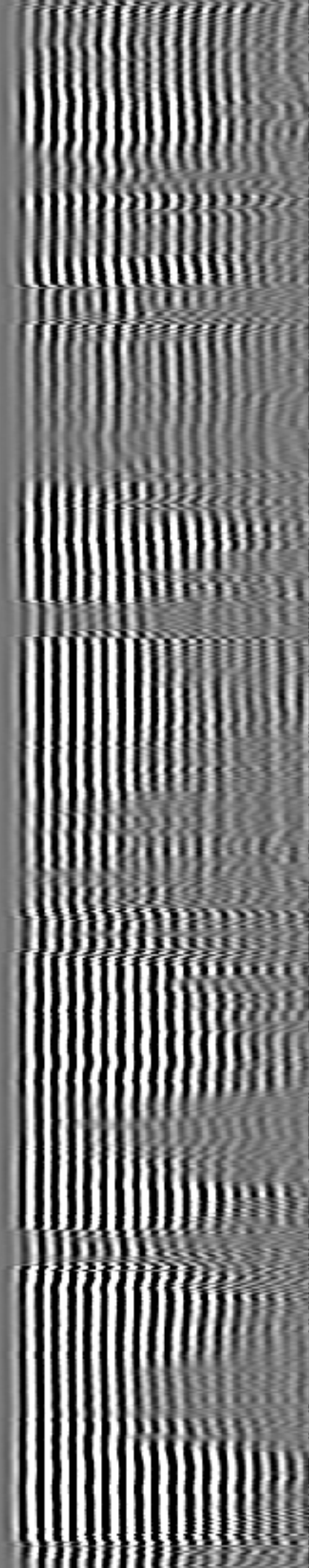
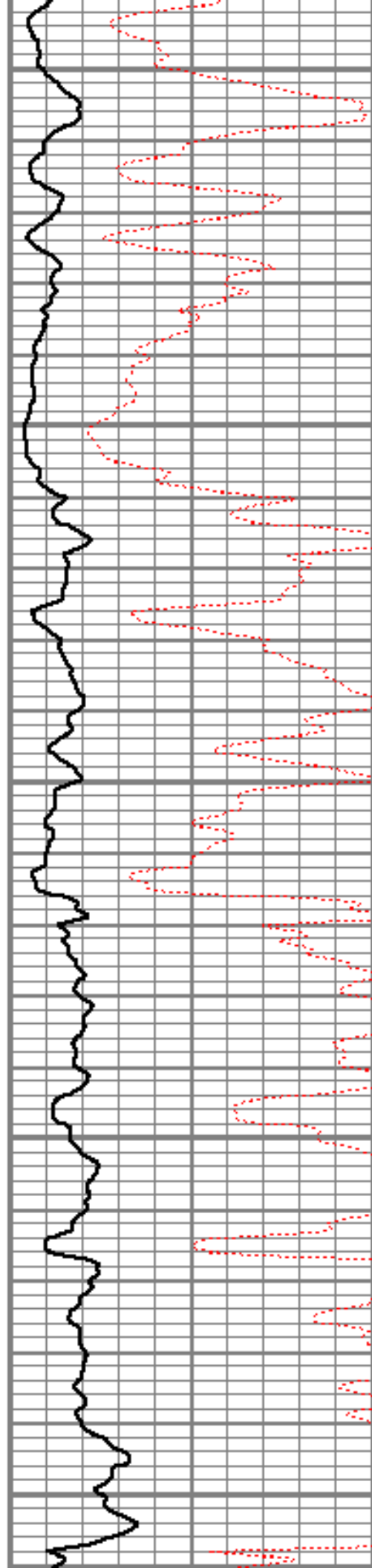
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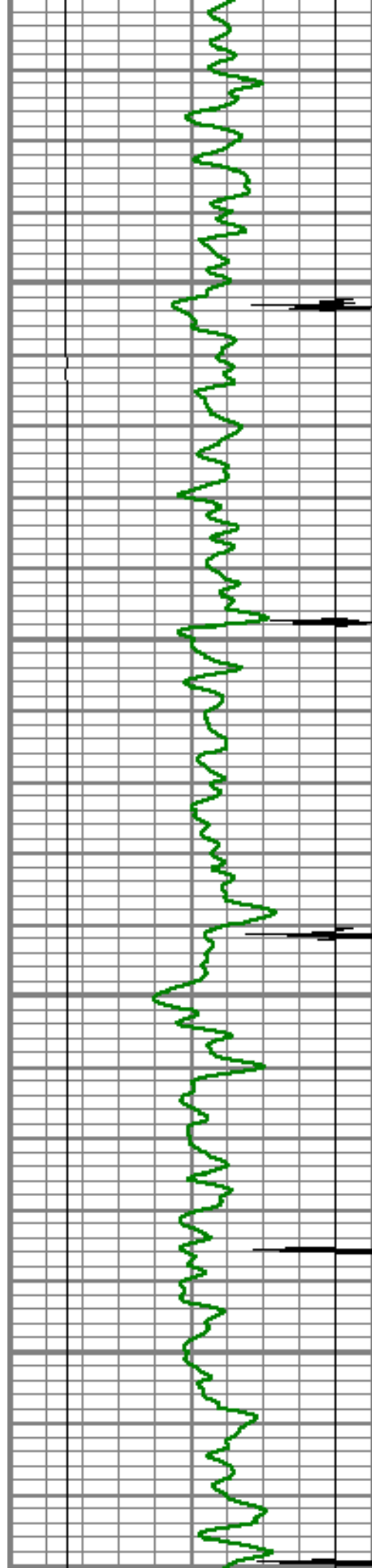
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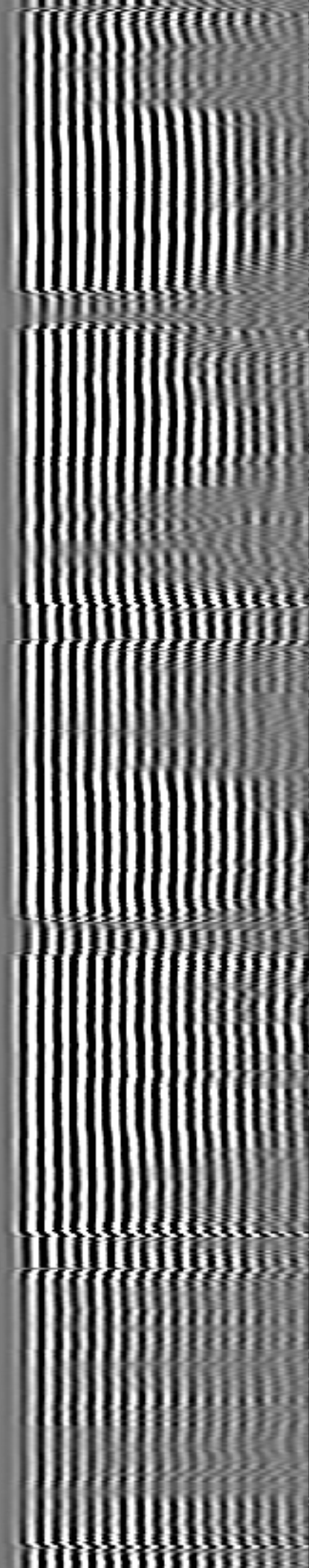
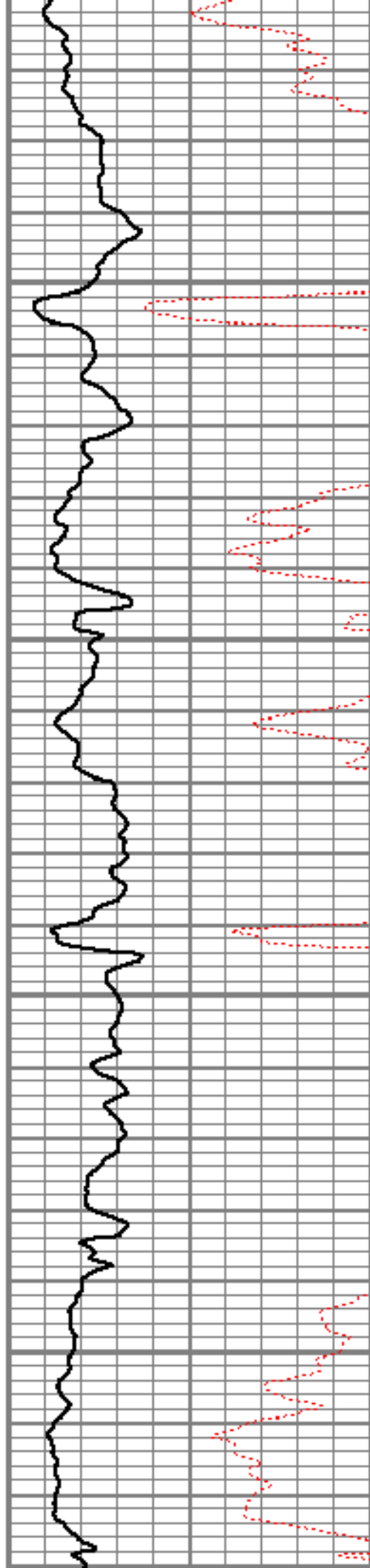


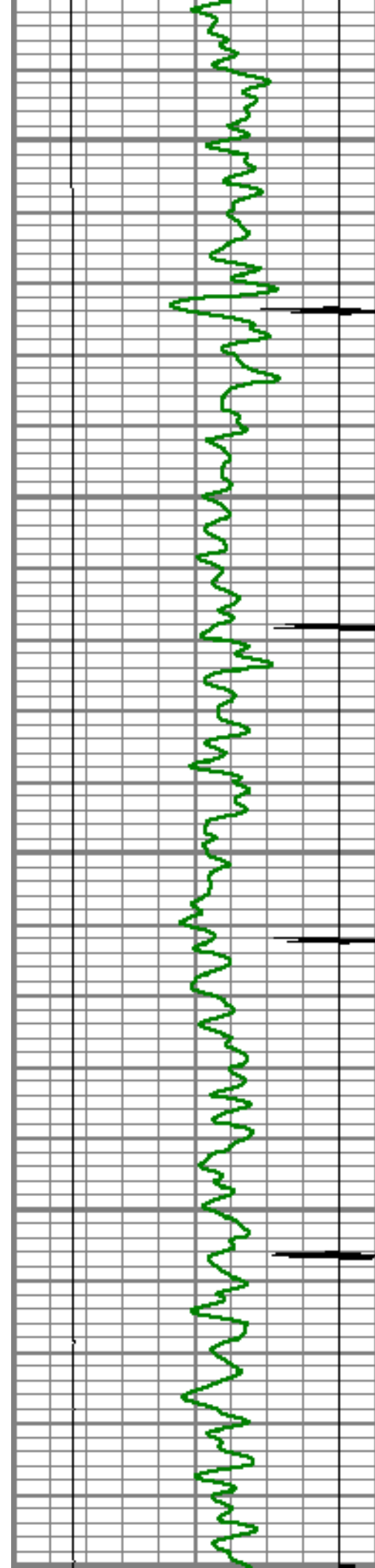
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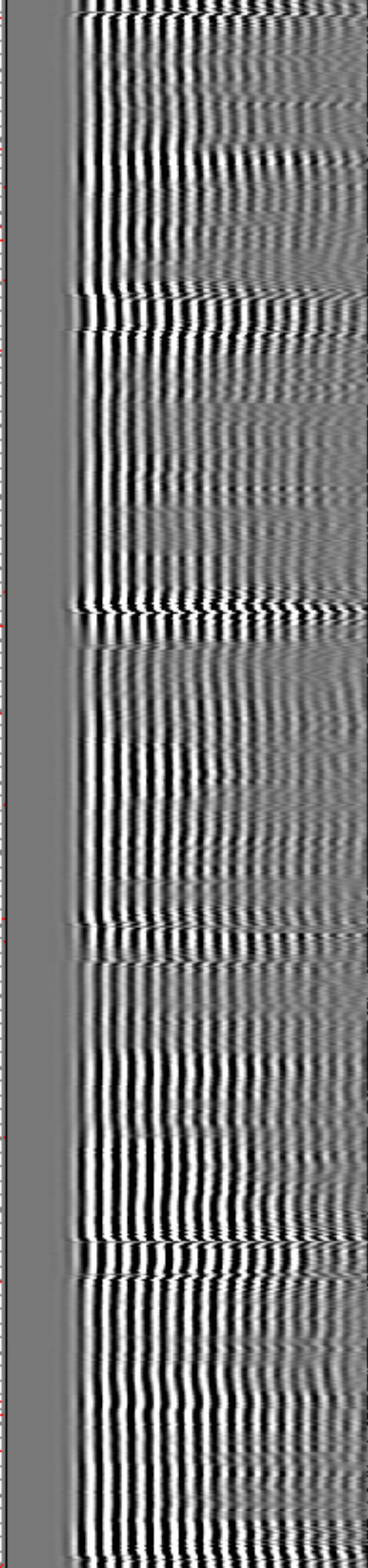
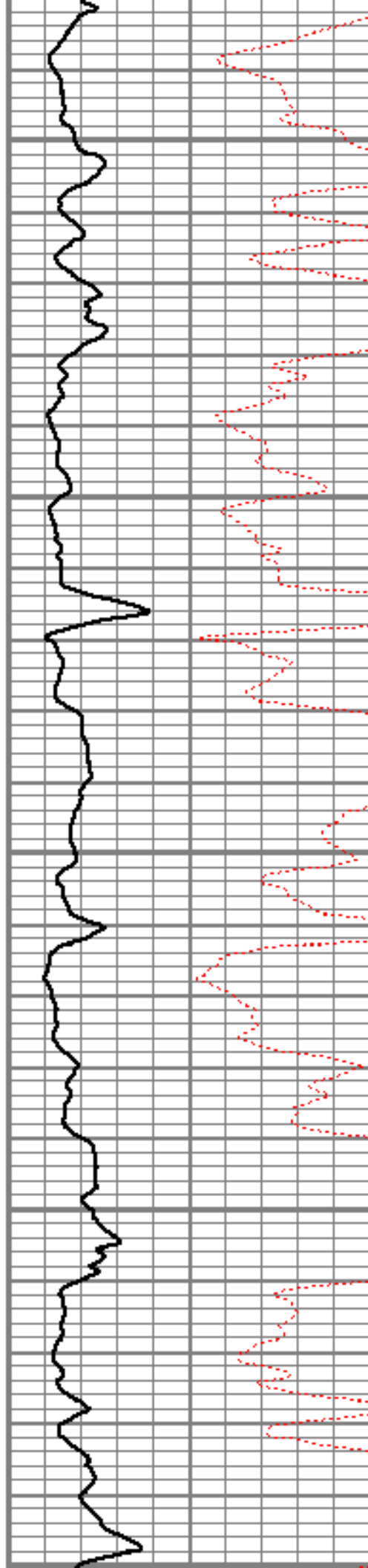
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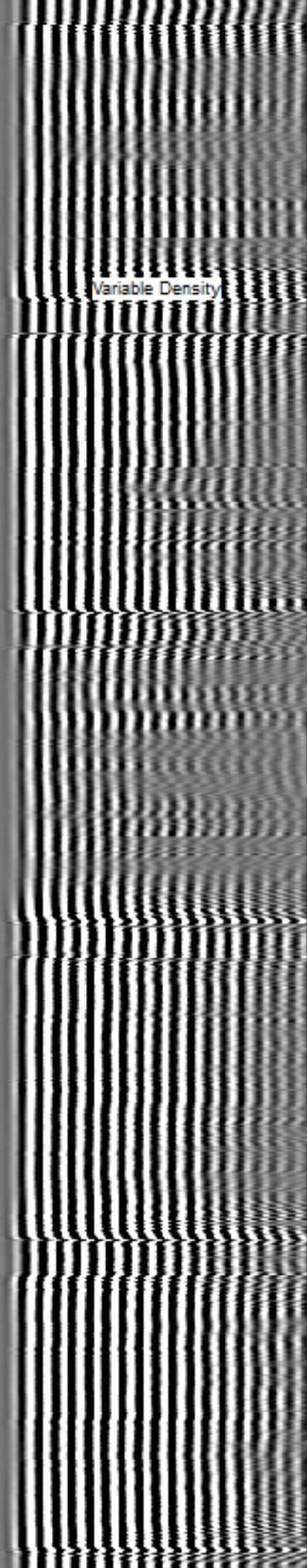
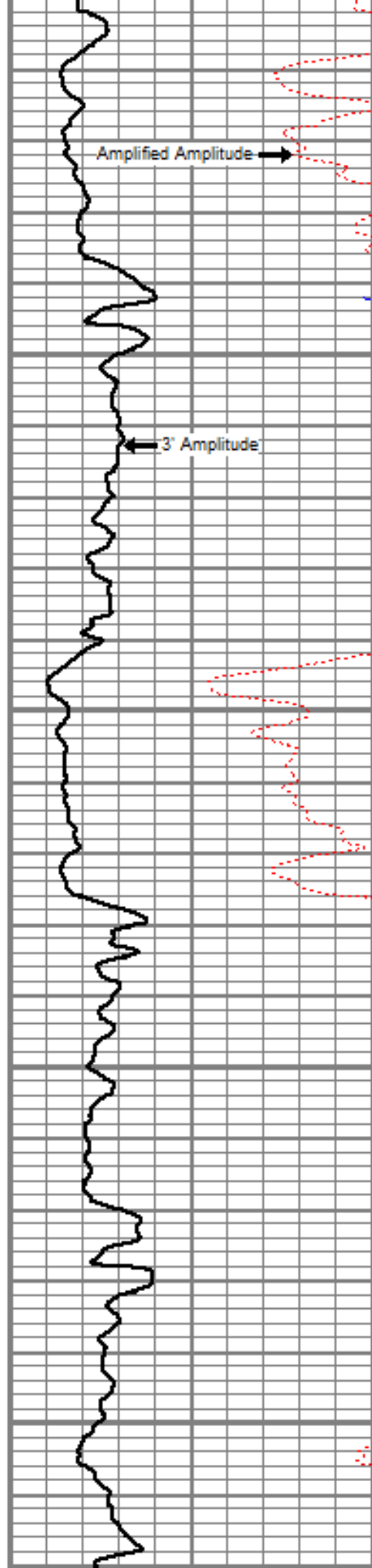
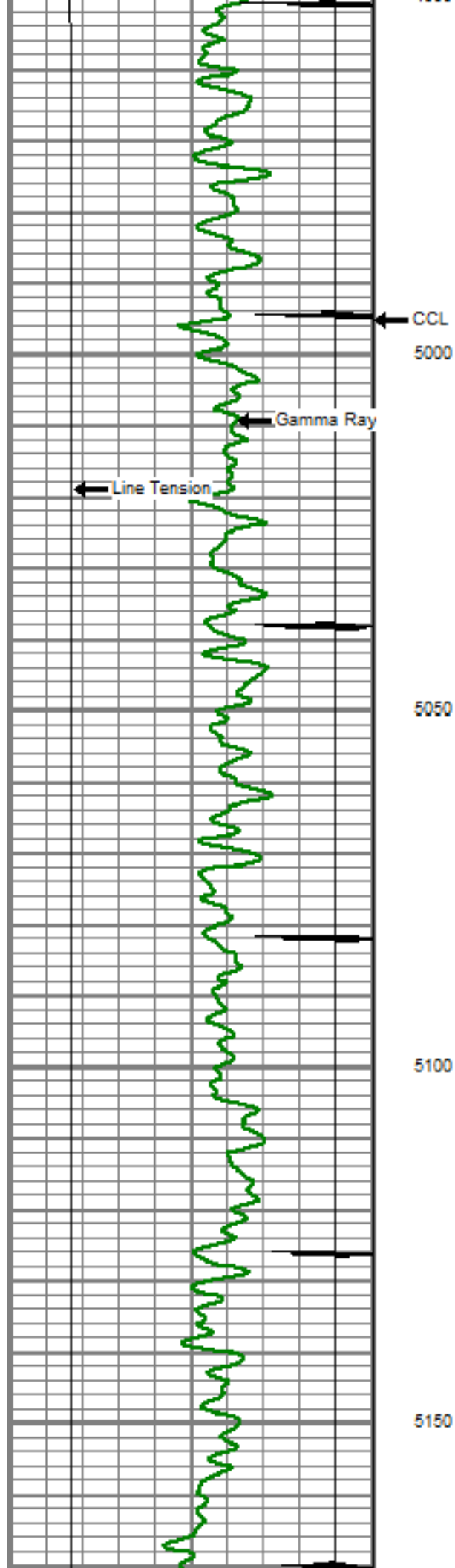
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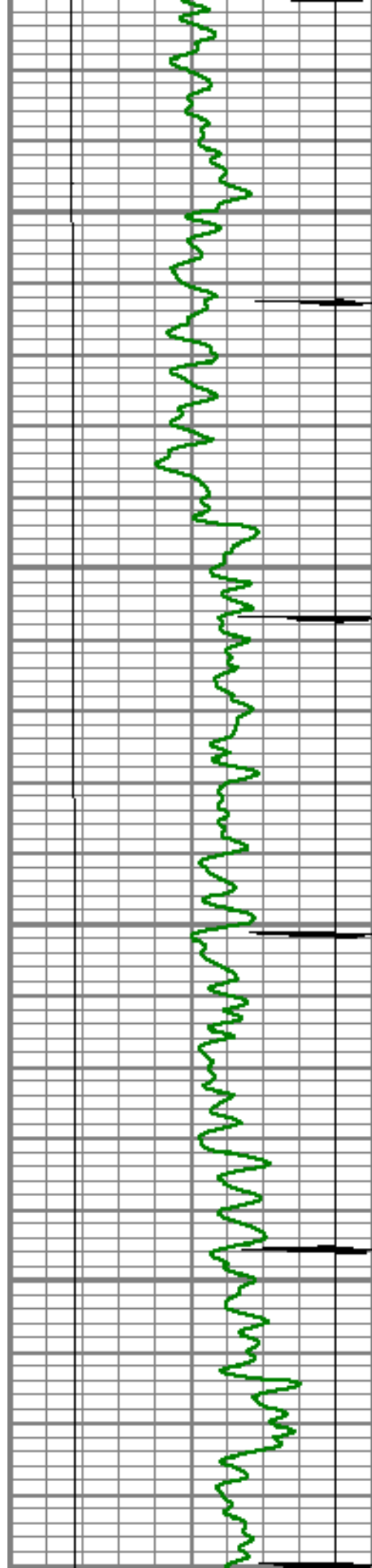
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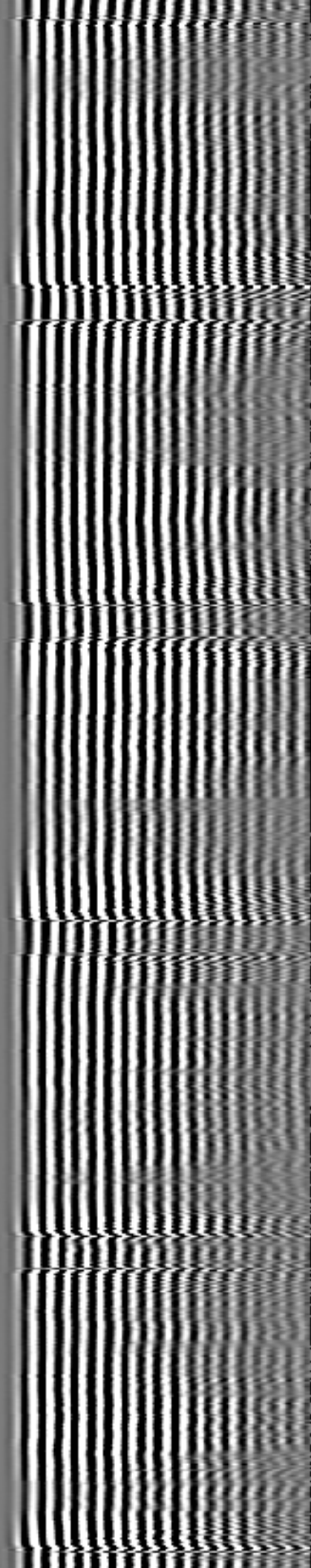
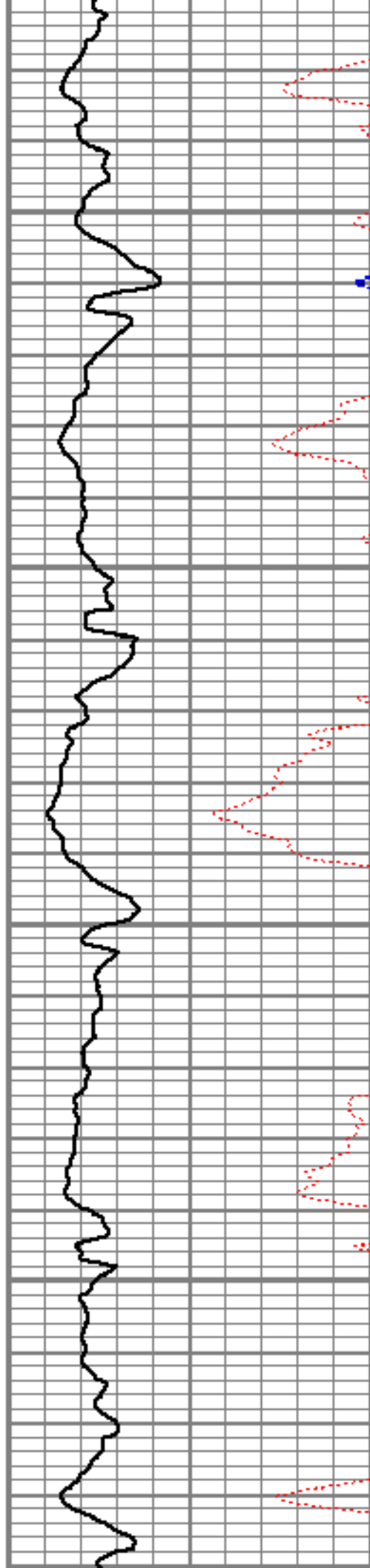


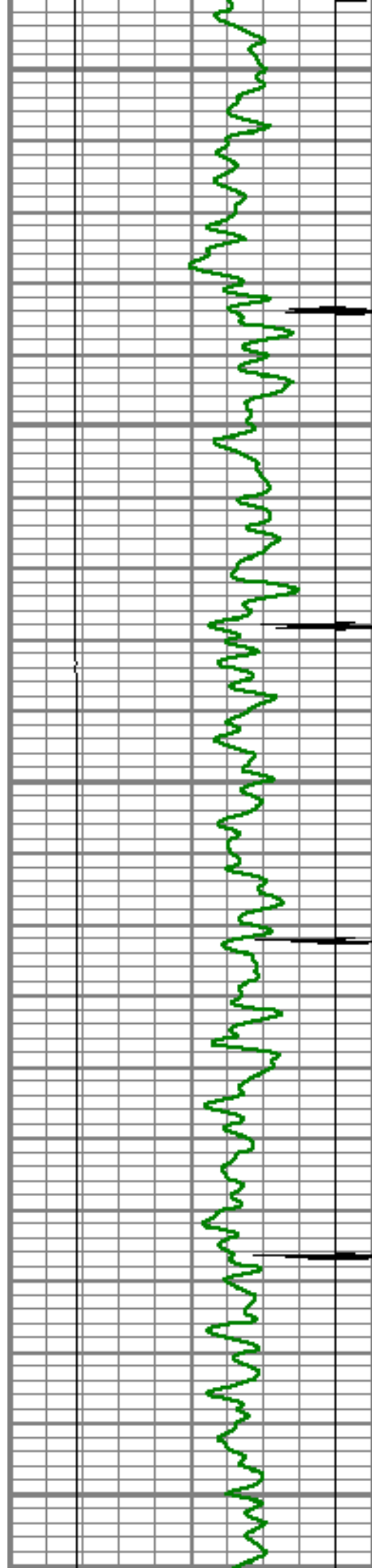
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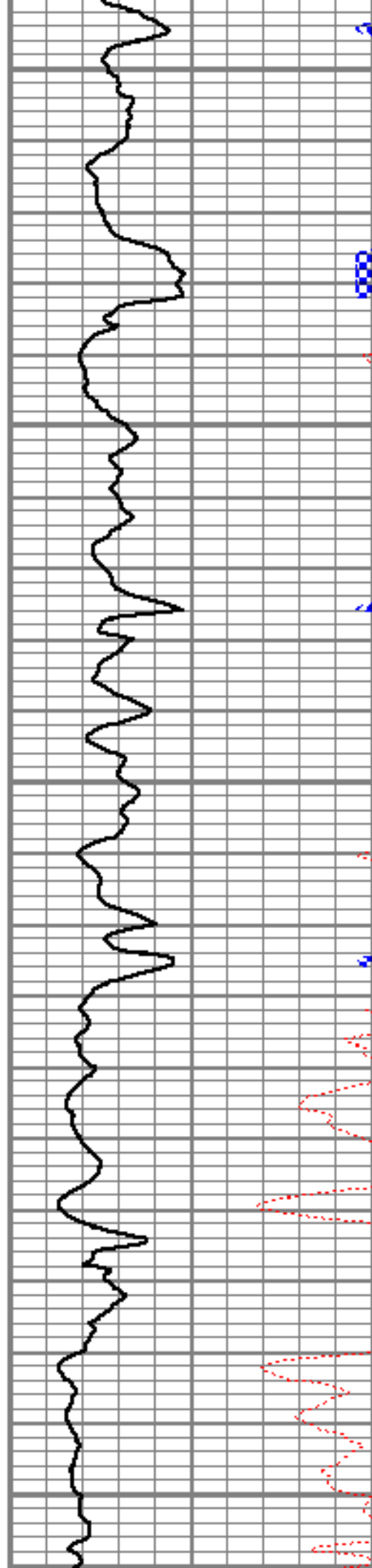
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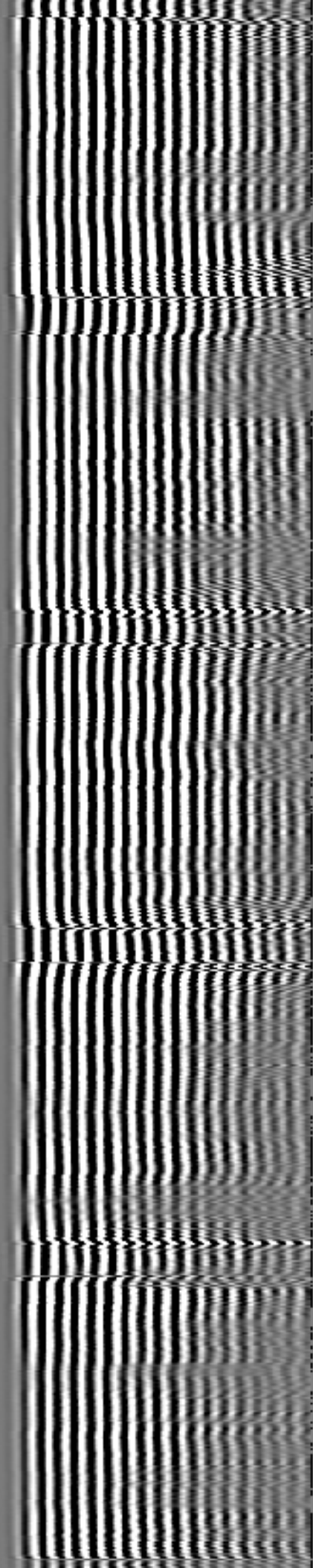
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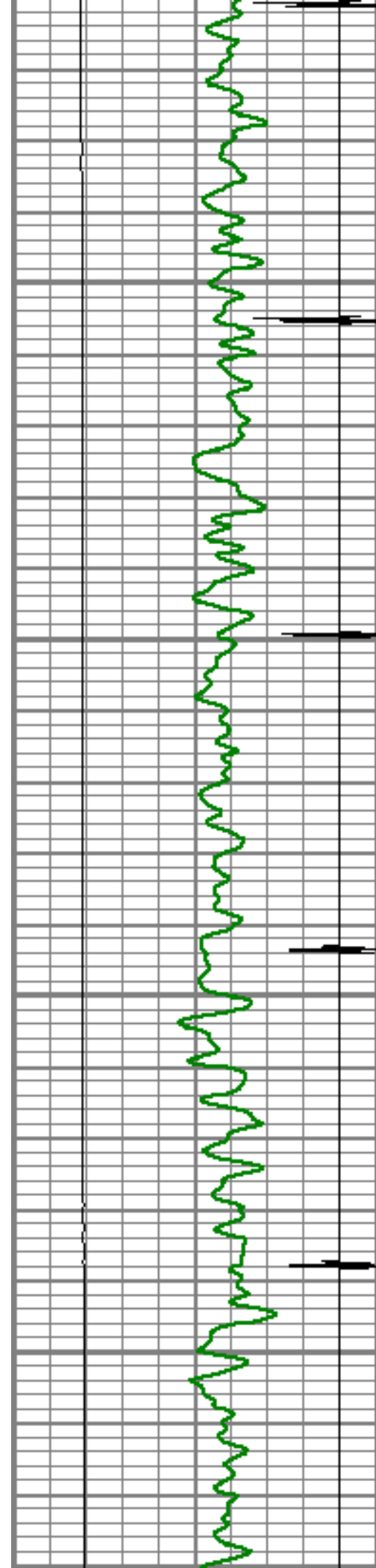
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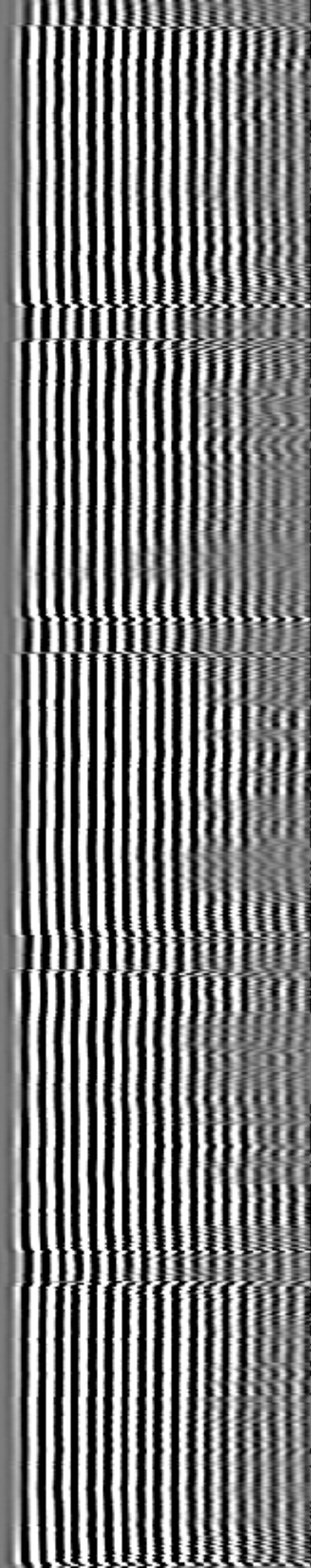
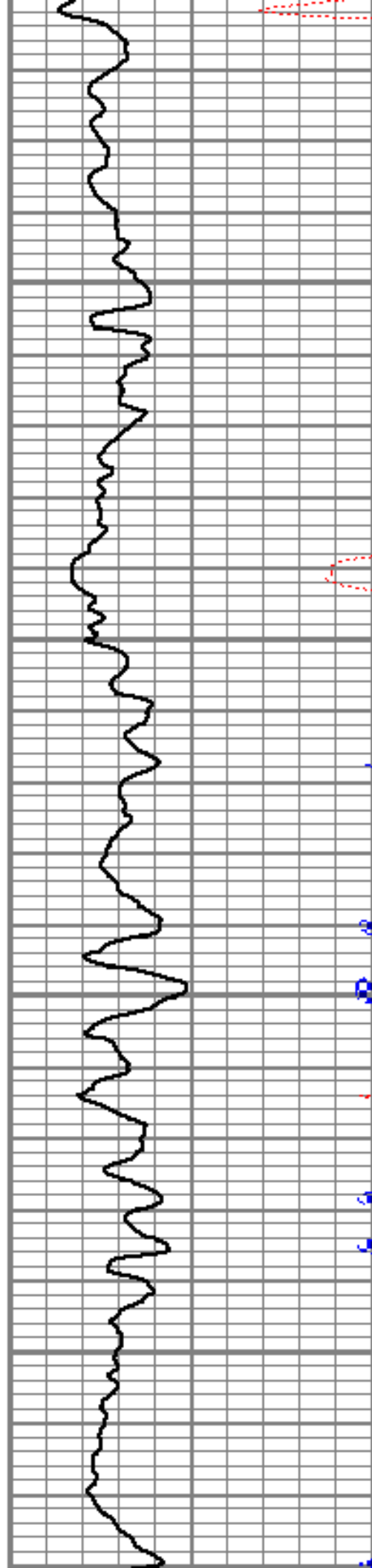


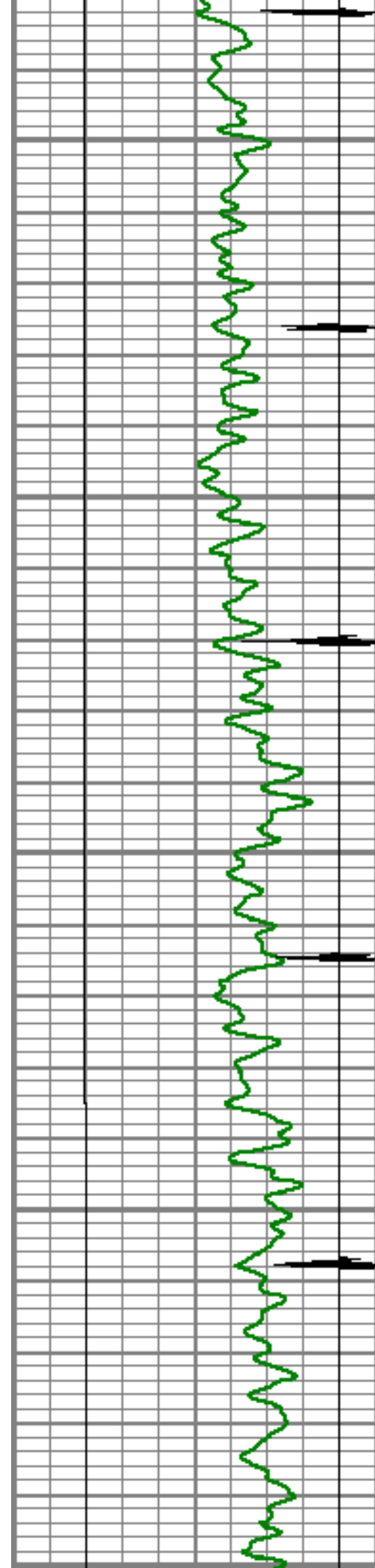
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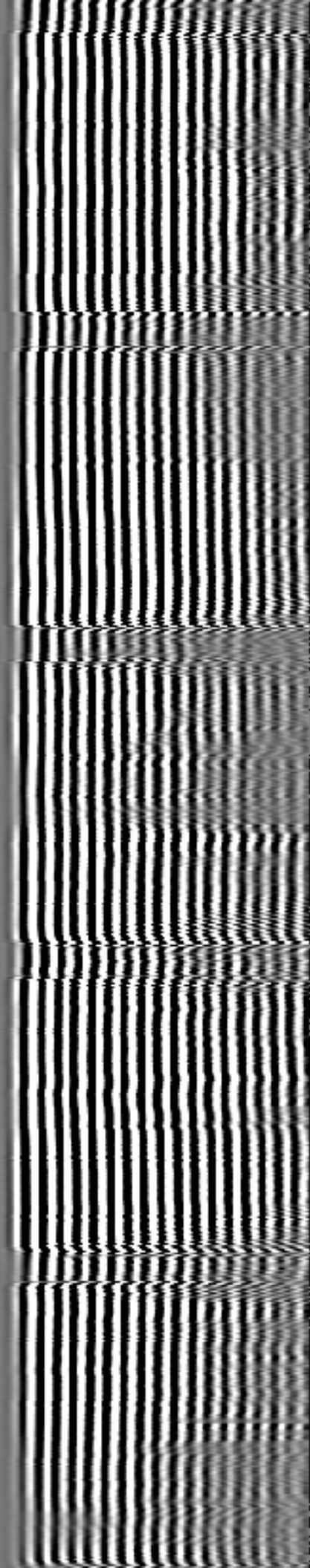
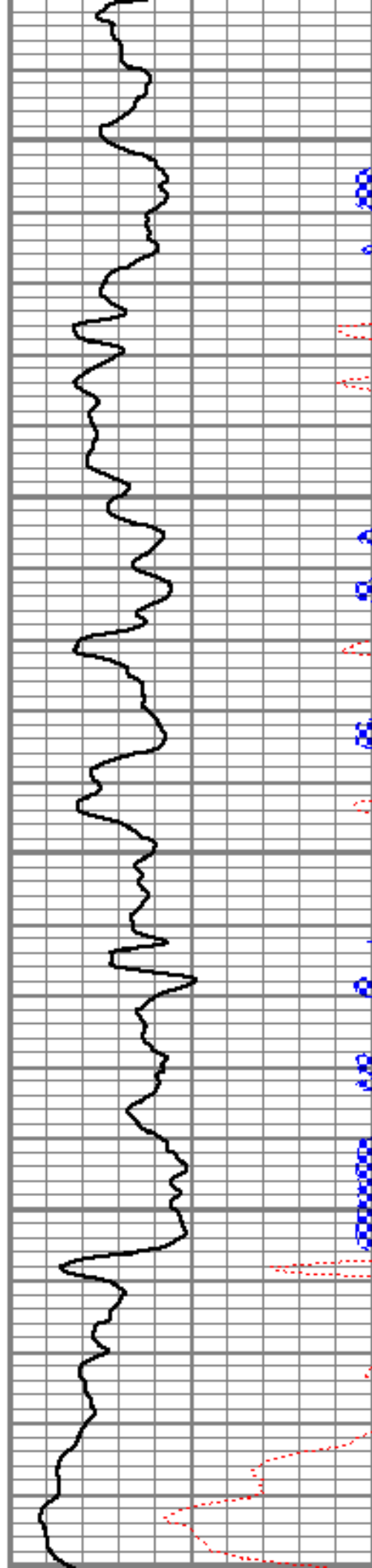
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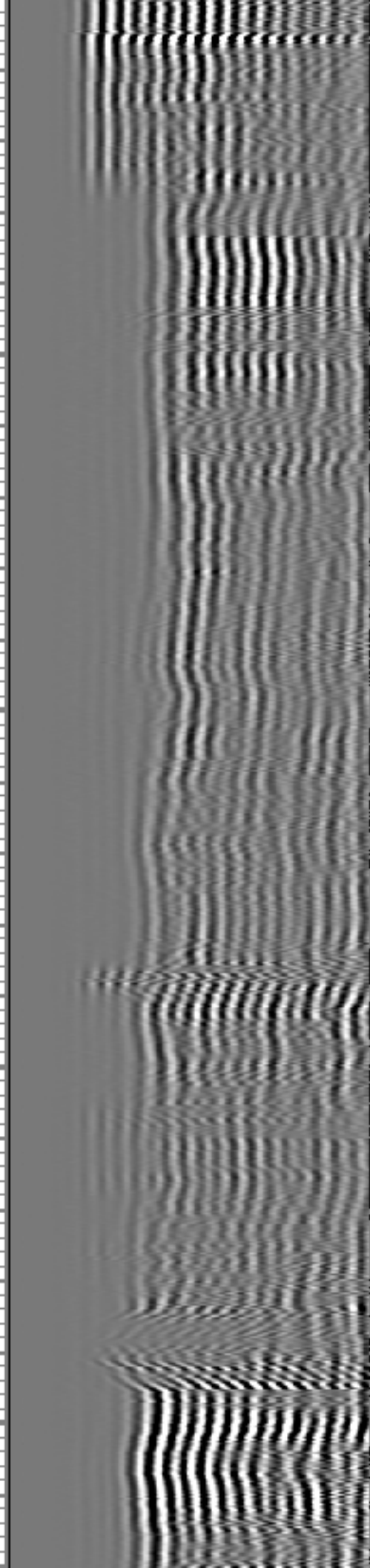
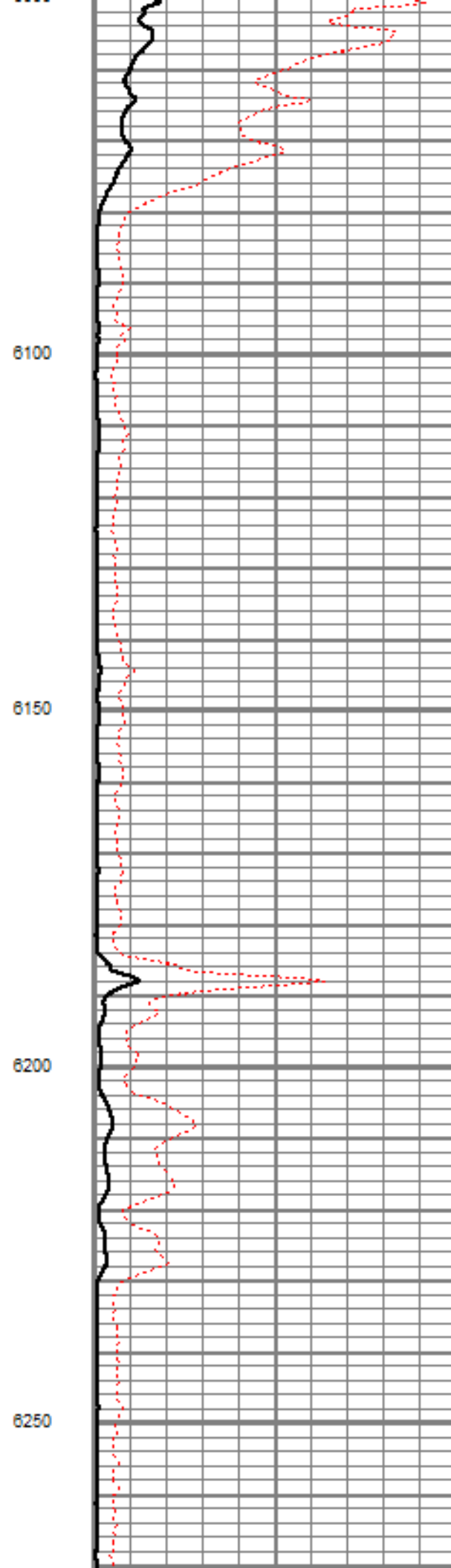
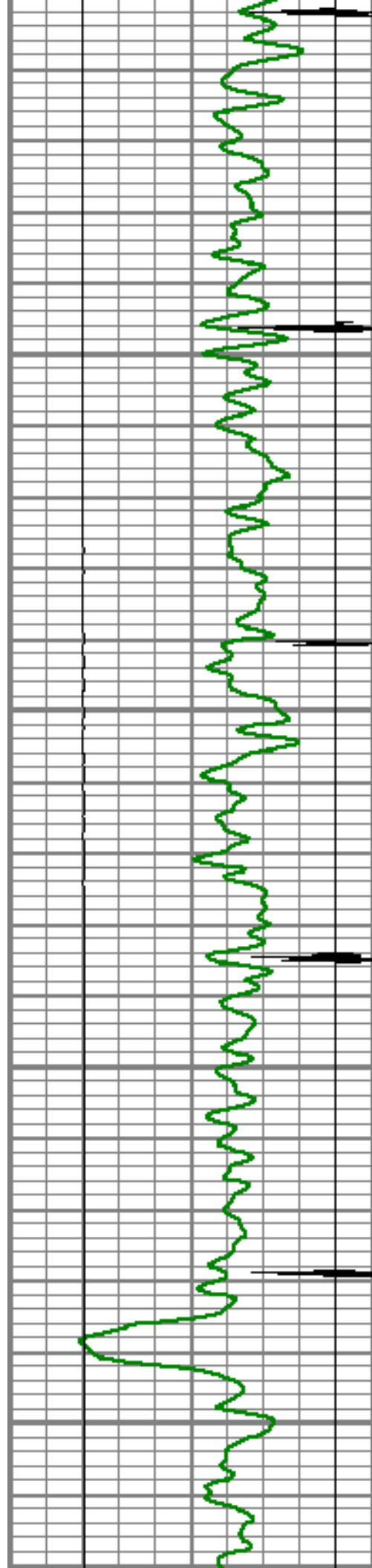
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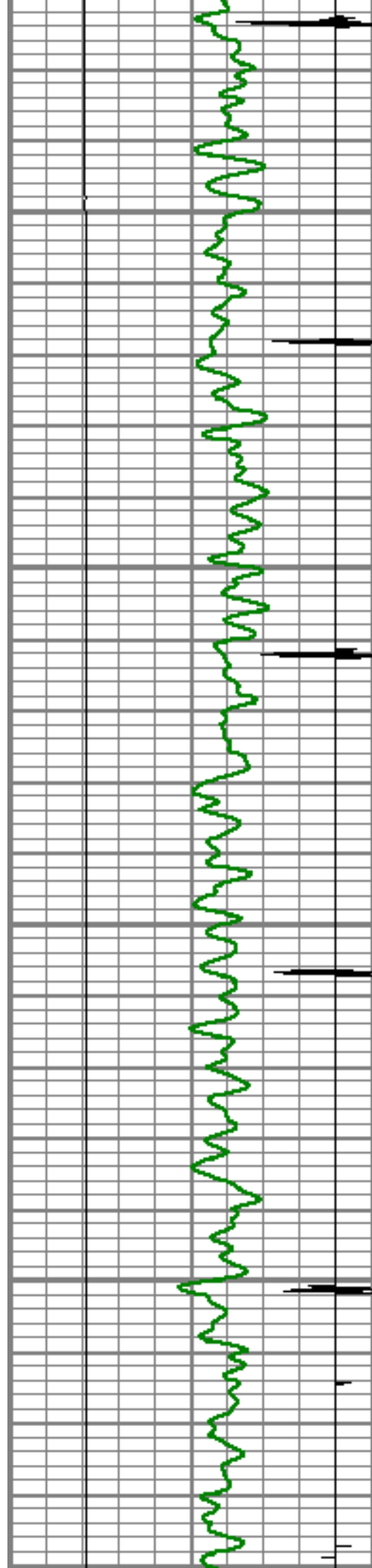
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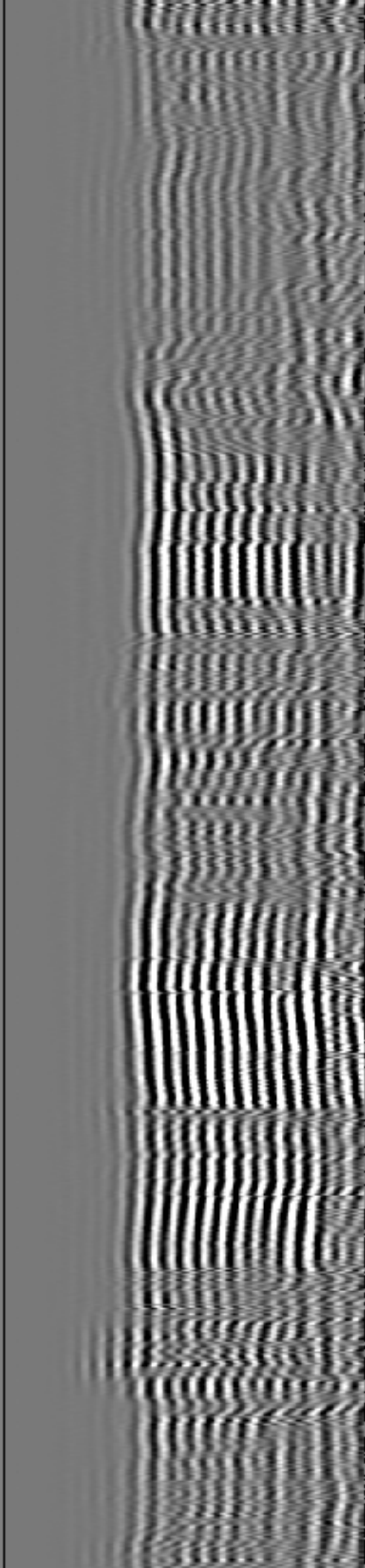
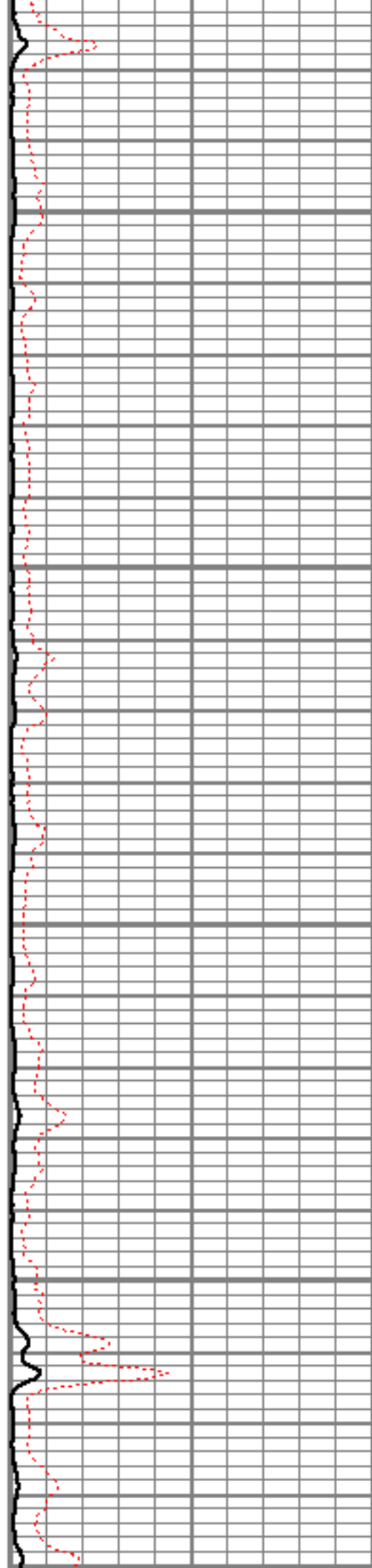


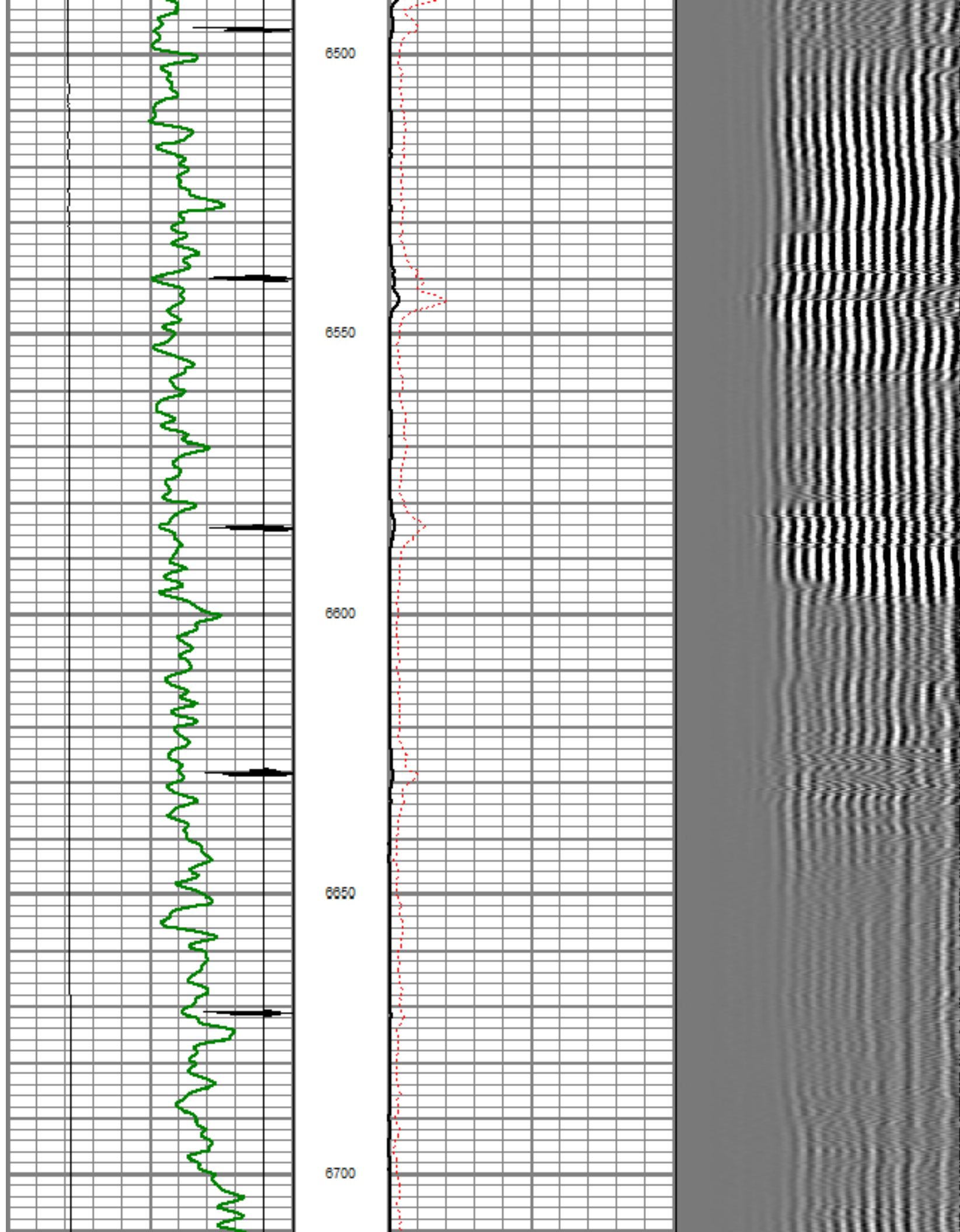
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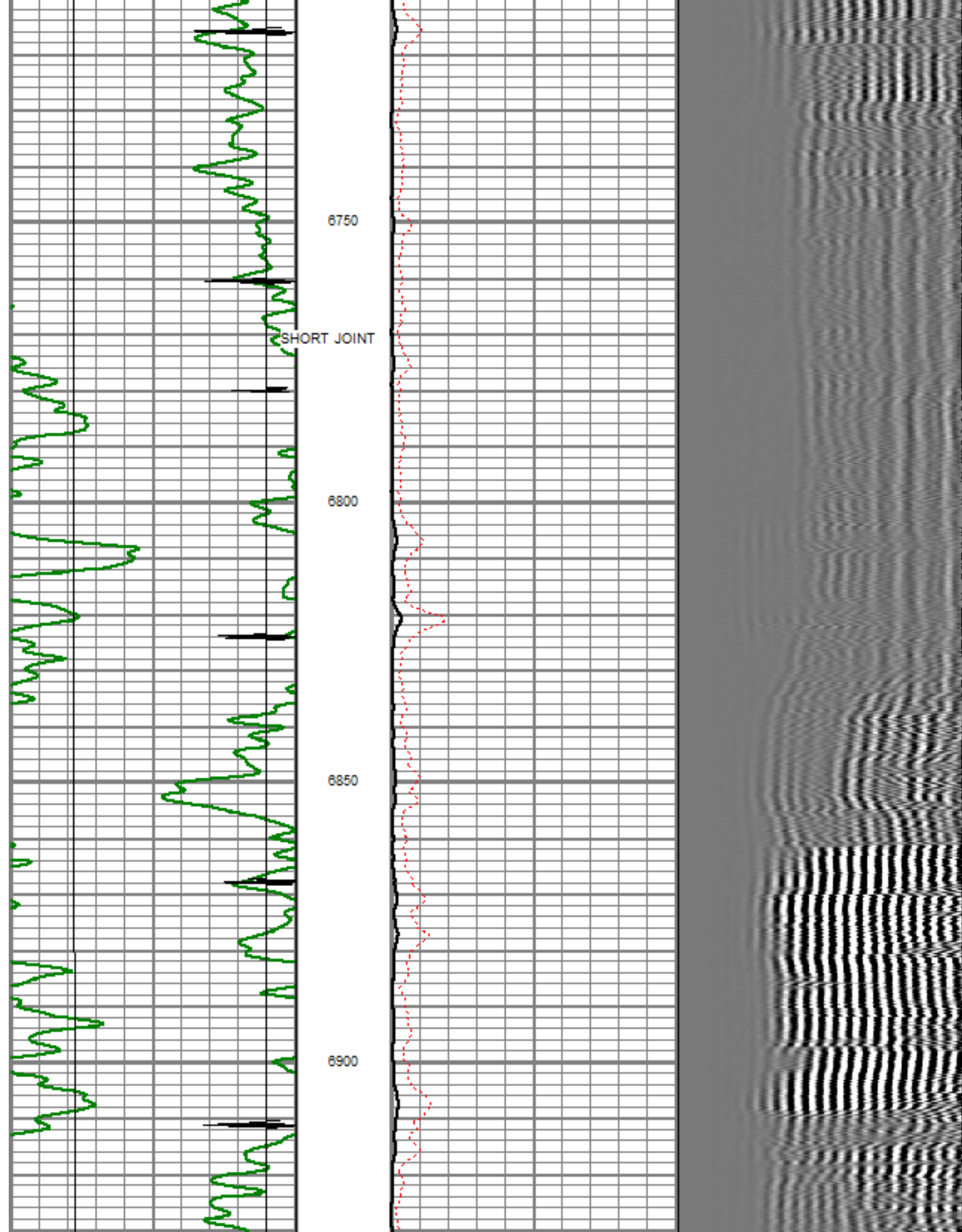
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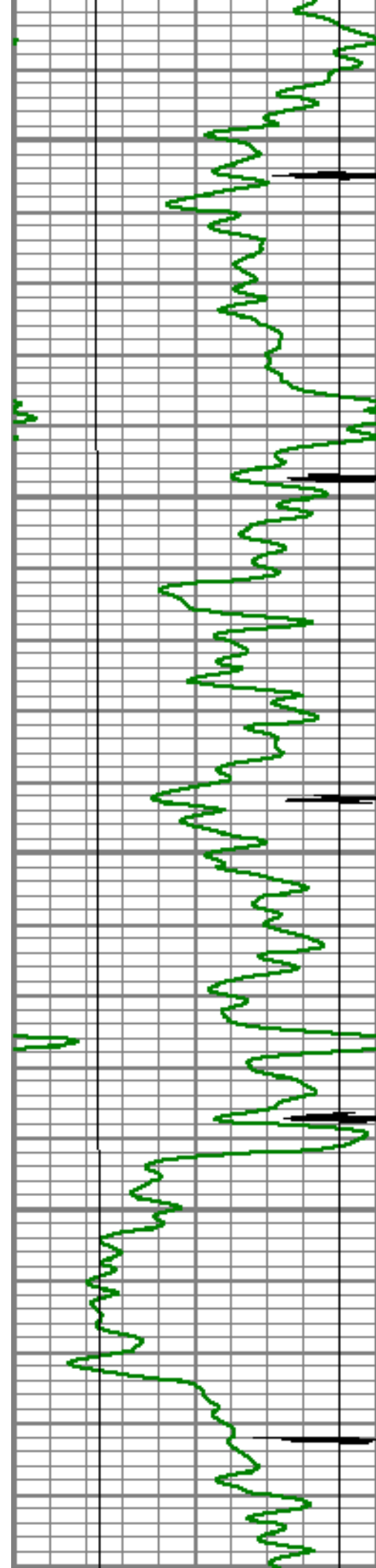
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6450









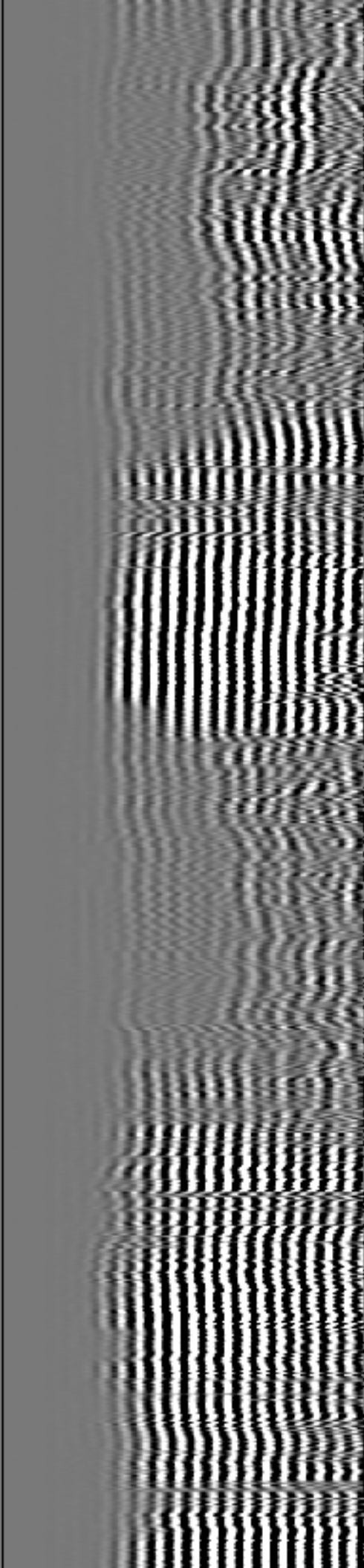
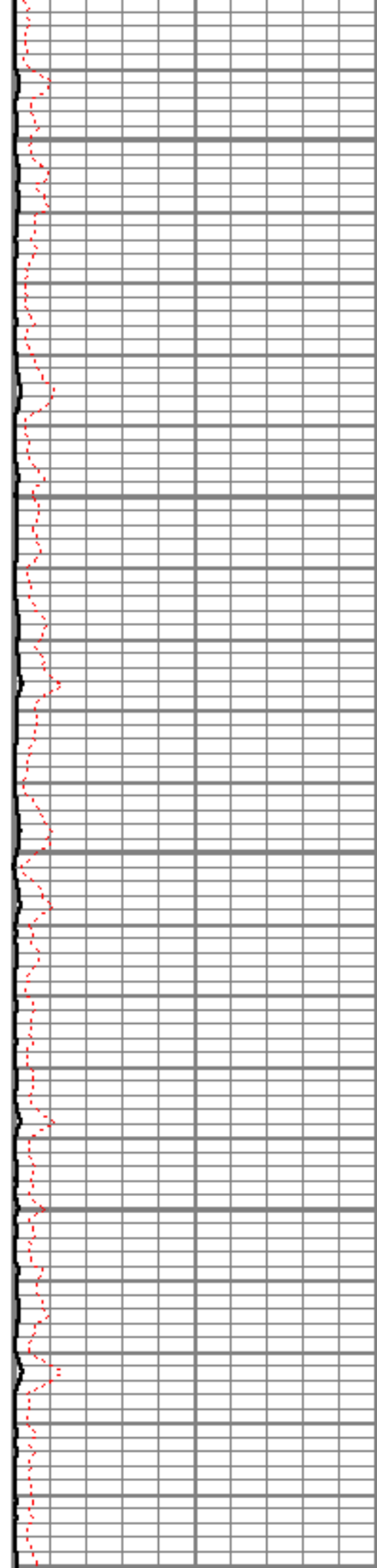
6950

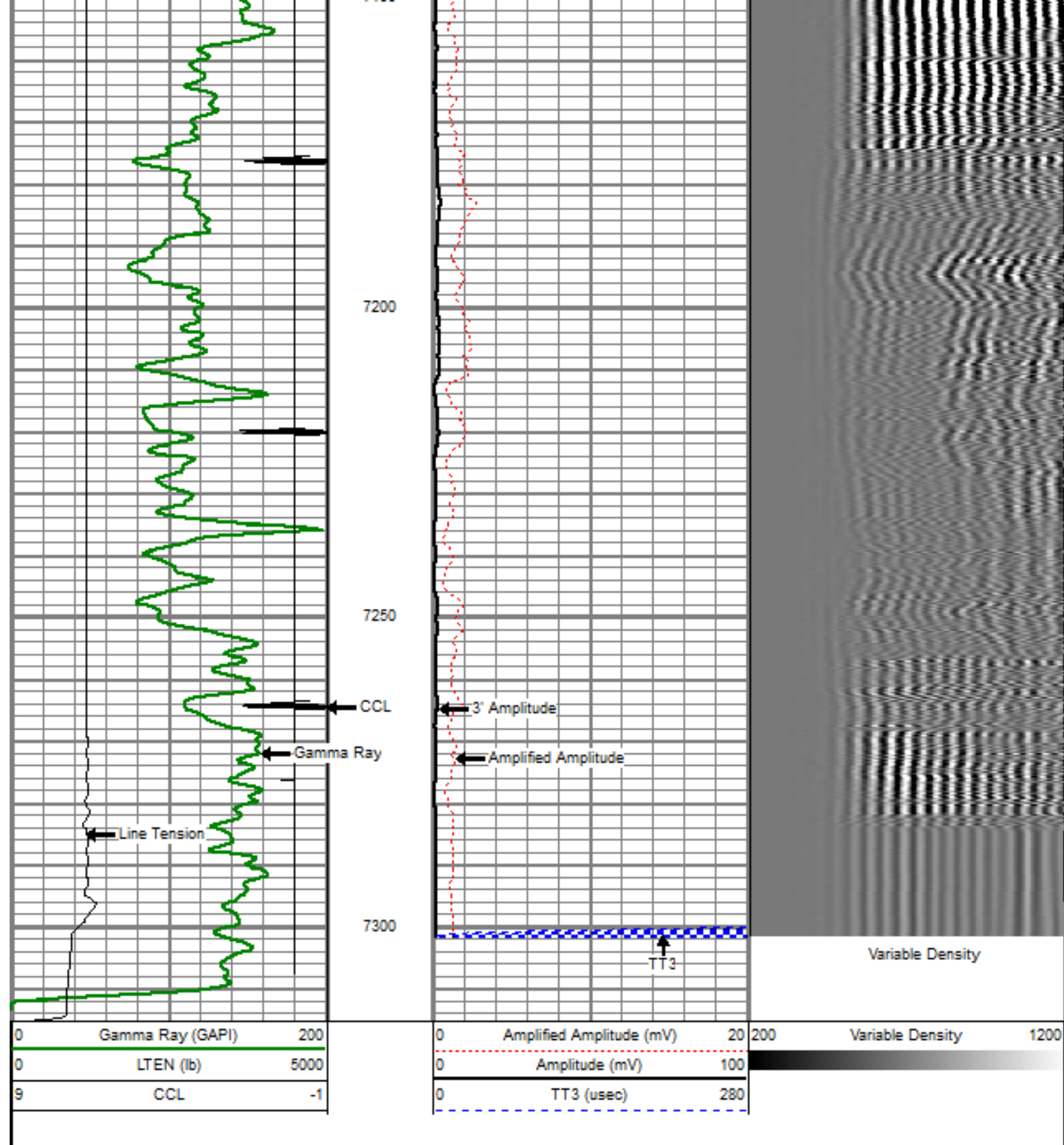
7000

7050

7100

7150





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 Suspension Controller	2.88	2.75	10.00

			Probe Bowspring Centralizer			
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_GRCL (PRB_GRCL_275_014.54) Probe 2.75" 4 Channel Pulse	2.75	30.00	
GR	3.77					
			TEMP-Comprobe (TEMP_CMPRB_1375_012.88) Positive pulse Temp tool	1.38	15.00	
TEMP	0.17					
Dataset: nc farms 16-32.db: field/well/run1/pass4OH.1 Total Length: 22.98 ft Total Weight: 126.50 lb O.D. 2.75 in						



Company
Well
Field
County

BAYSWATER EXPLORATION & PROD. LLC
NC FARMS 16-32
WATTENBERG
WELD



State

COLORADO