



CEMENT BOND LOG

Company ENCANA OIL & GAS (USA) INC	
Well	FILE 4-2-17
Field	WATTENBERG
County	WELD State COLORADO
Location:	API # : 05-123-34132-0000
	SHL: 1050' FNL & 1728' FEL BHL: 1375' FNL & 2611' FEL
SEC: 17	TWP: 2N RGE: 68W
Permanent Datum	GROUND LEVEL Elevation 4883'
Log Measured From	KELLY BUSHING = 13'
Drilling Measured From	KELLY BUSHING
	Other Services
	NONE
	Elevation
	K.B. 4896' D.F. 4895' G.L. 4883'

Date	12 APRIL 2012									
Run Number	ONE									
Depth Driller	8105'									
Depth Logger	8058'									
Bottom Logged Interval	8058'									
Top Log Interval	2900'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.3#									
Max. Recorded Temp.	251 DEG F									
Estimated Cement Top	3280'									
Time Well Ready	N/A									
Time Logger on Bottom	N/A									
Equipment Number	10501 PRD01									
Location	AULT, CO									
Recorded By	Z. EMICK									
Witnessed By	K. REDD									
Borehole Record										
Run Number	Bit	From	To	Size	Weight	From	To			
ONE	12.25"	0'	1010'							
TWO	7.875"	1010'	8120'							
Tubing Record										
Casing Record	Size	Wgt/Ft	Top	Bottom						
Surface String	8.625"	24#	0'	1000'						
Prot. String										
Production String	4.5"		11.6#	0'						
Liner										

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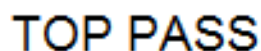
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 7217' - 7237'

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

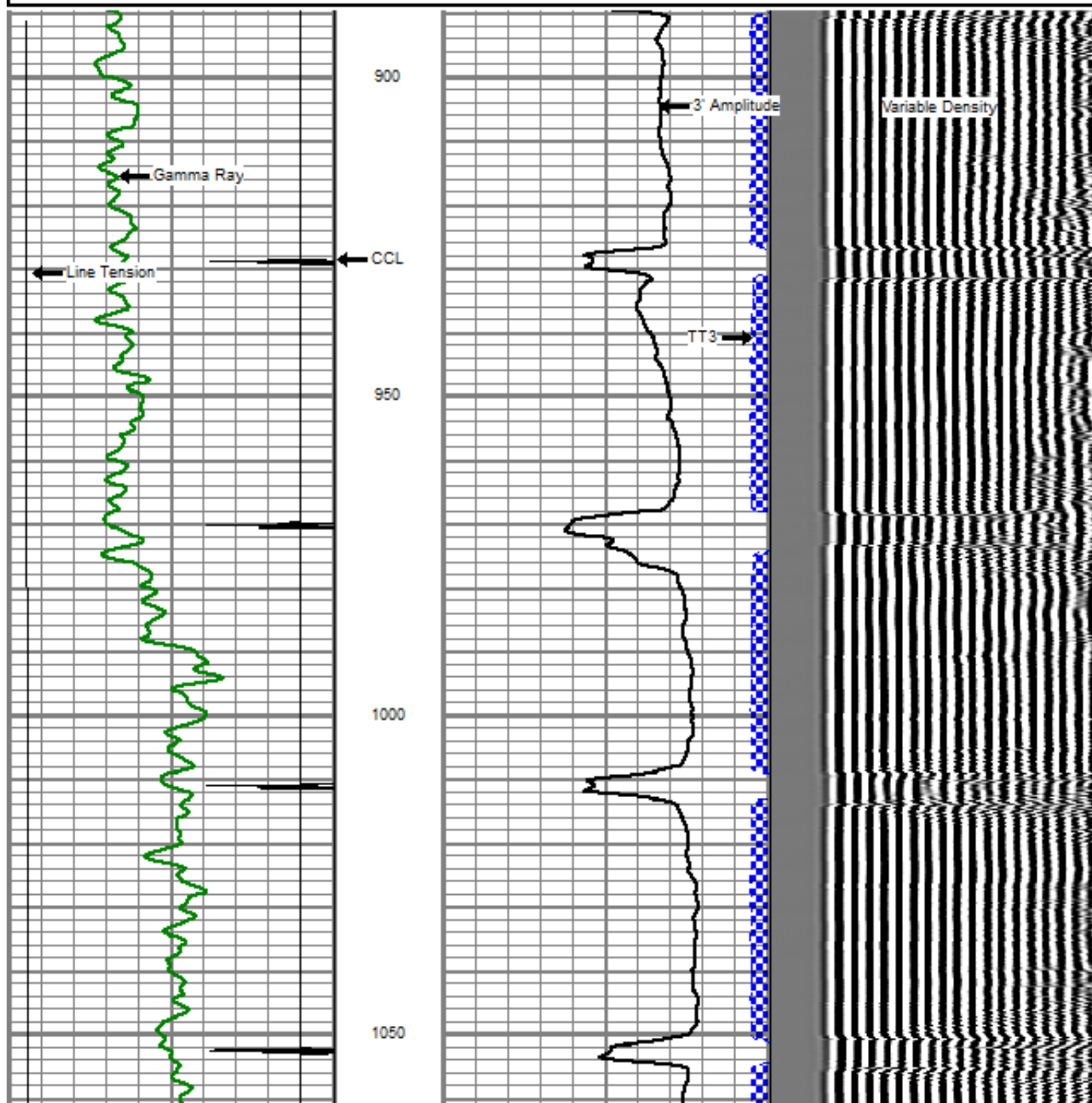


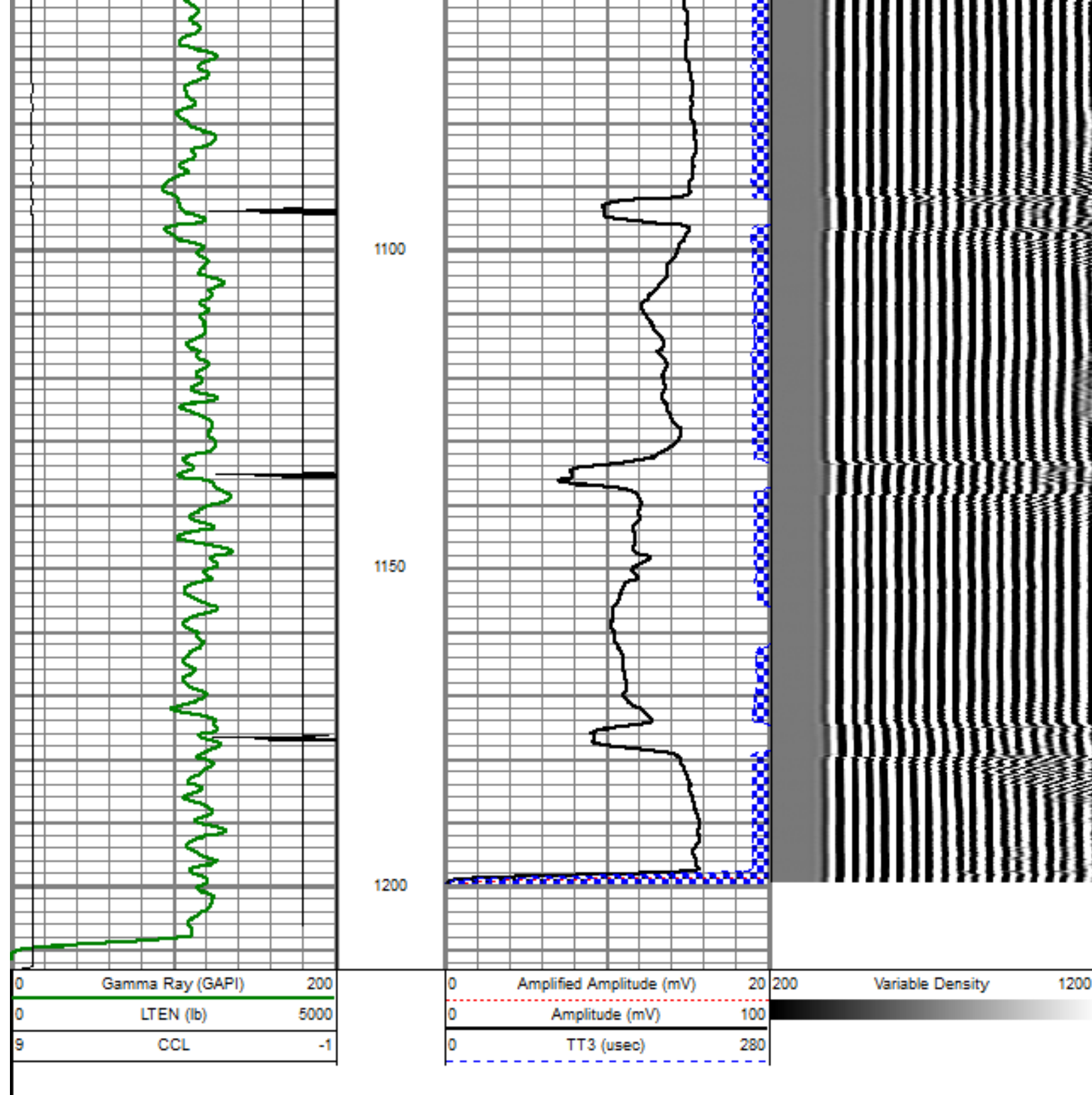
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Dataset Pathname: pass4
Presentation Format: dobl_prb
Dataset Creation: Thu Apr 12 11:16:43 2012 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240

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

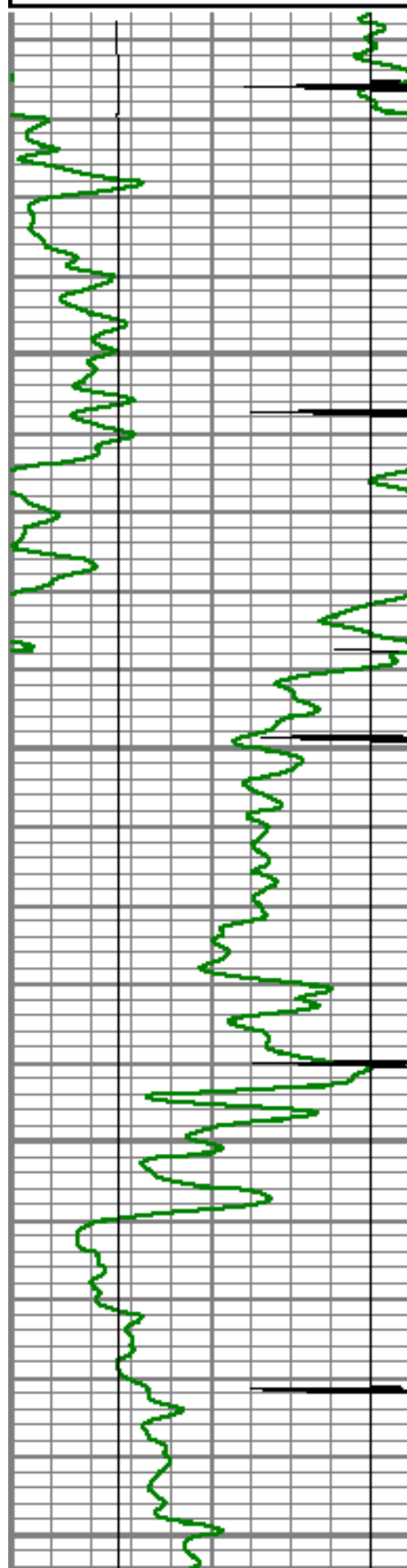
5" = 100'

Database File: file 4-2-17.db
 Dataset Pathname: pass2
 Presentation Format: dobl_prb
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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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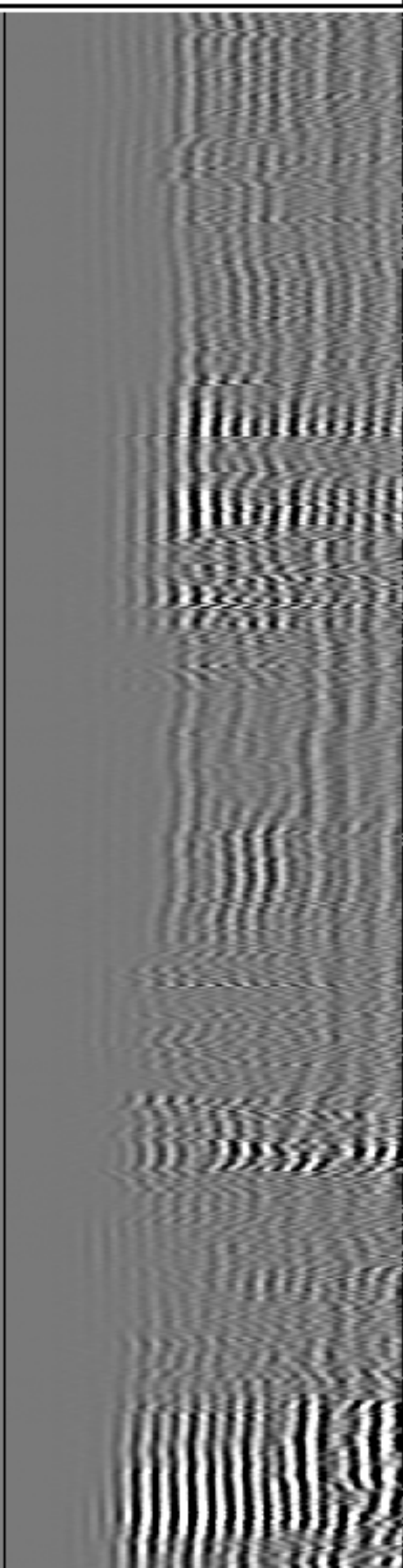
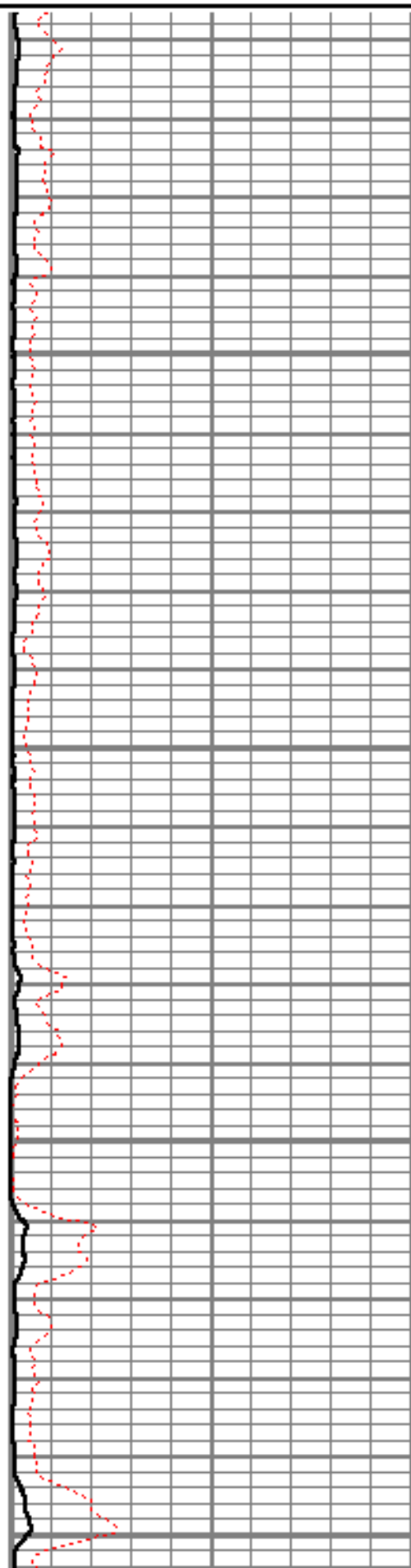


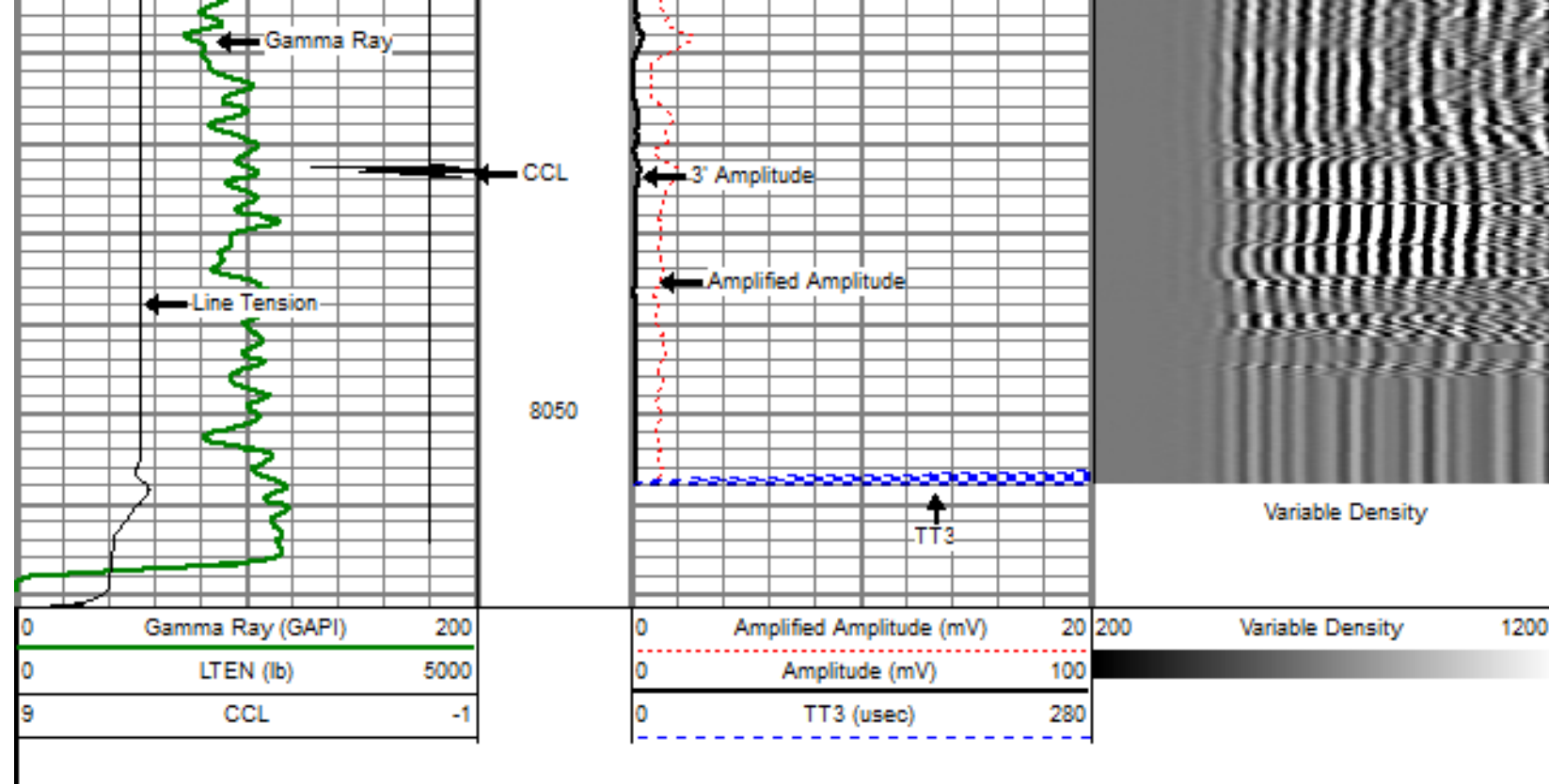
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7900

7950

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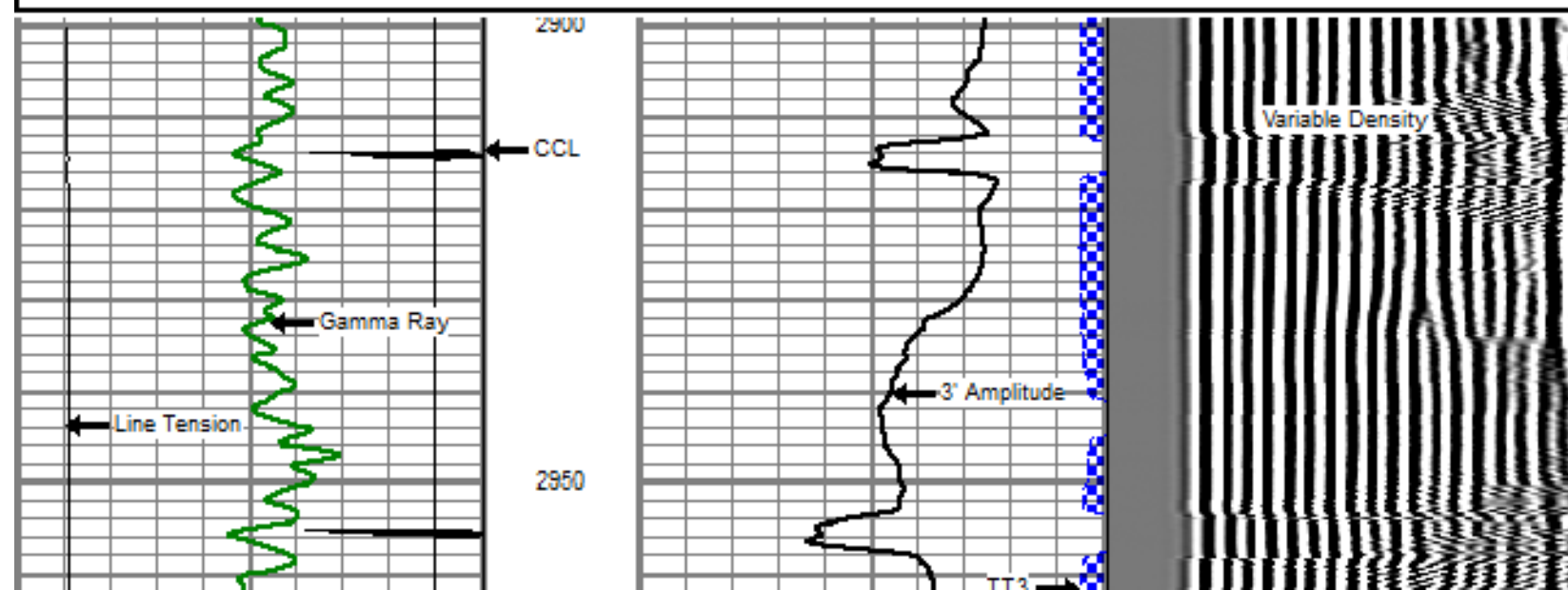
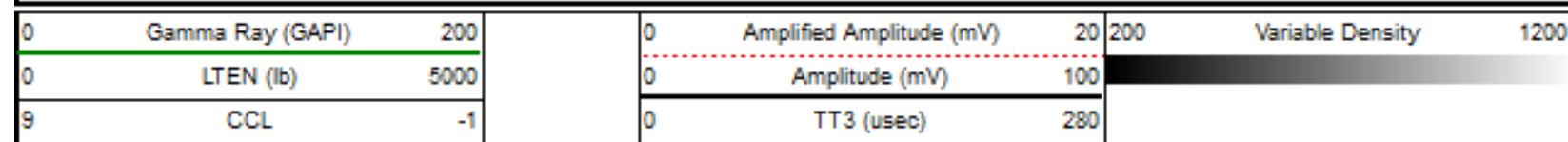


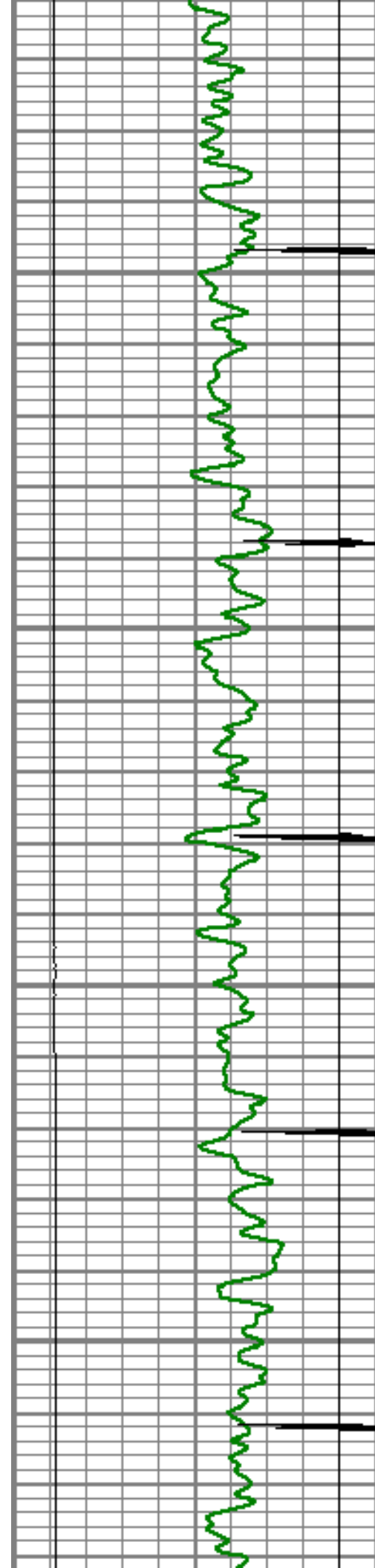


MAIN PASS

5" = 100'

Database File: file 4-2-17.db
 Dataset Pathname: pass3
 Presentation Format: dcbl_prb
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 Charted by: Depth in Feet scaled 1:240



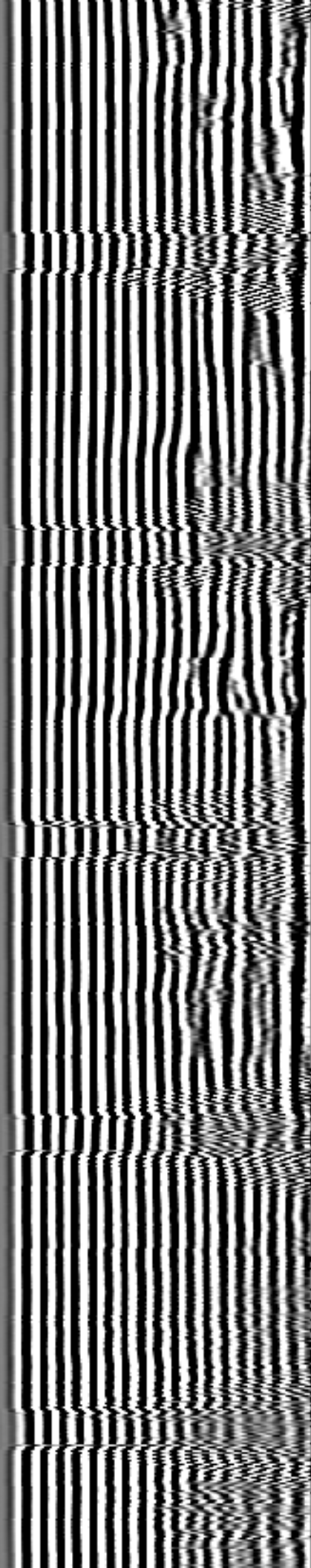
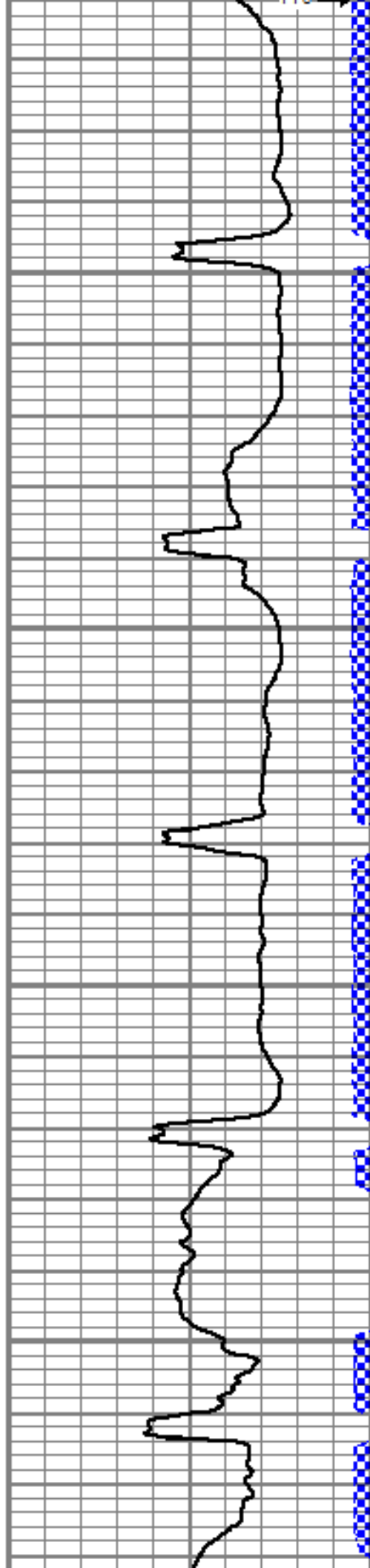


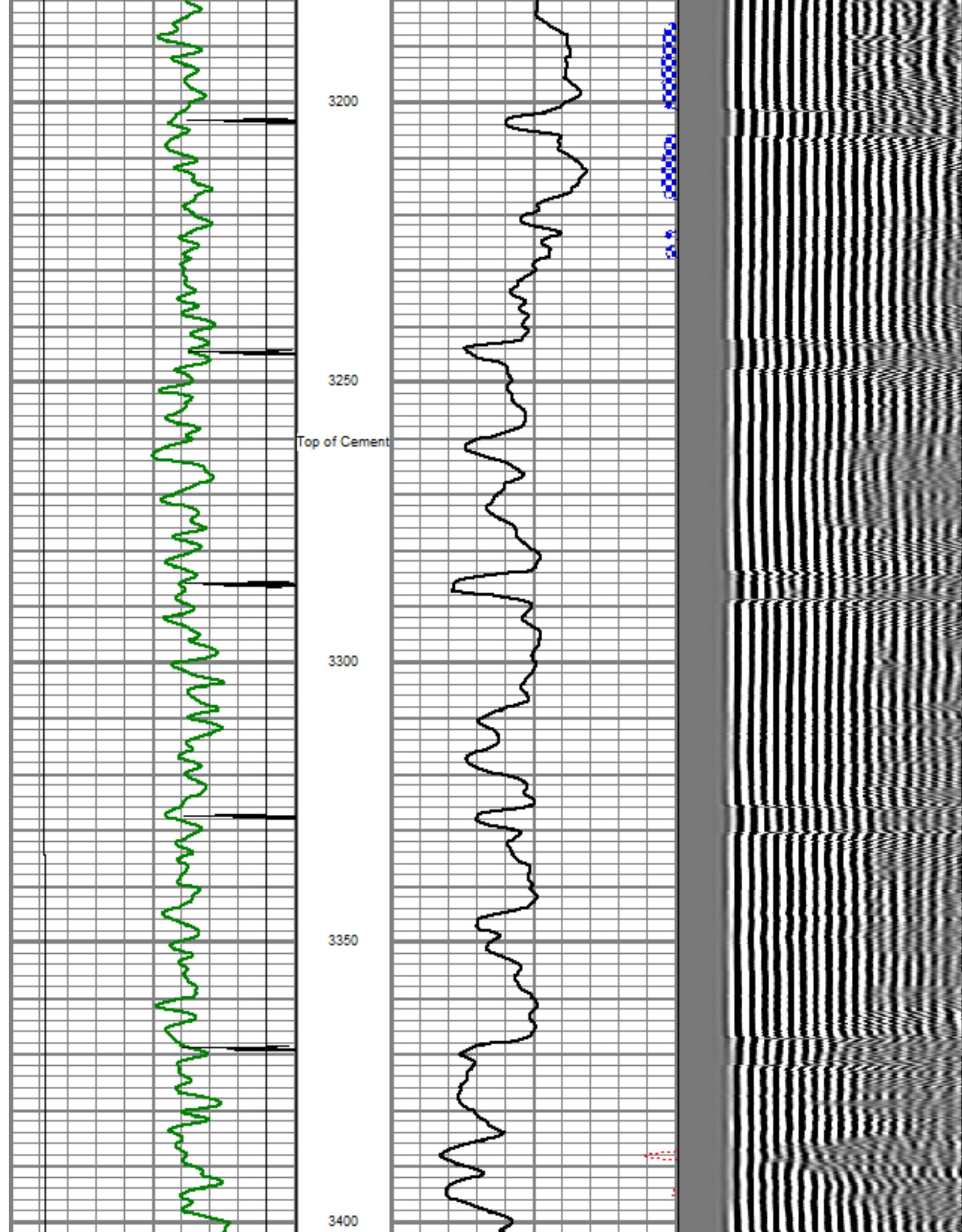
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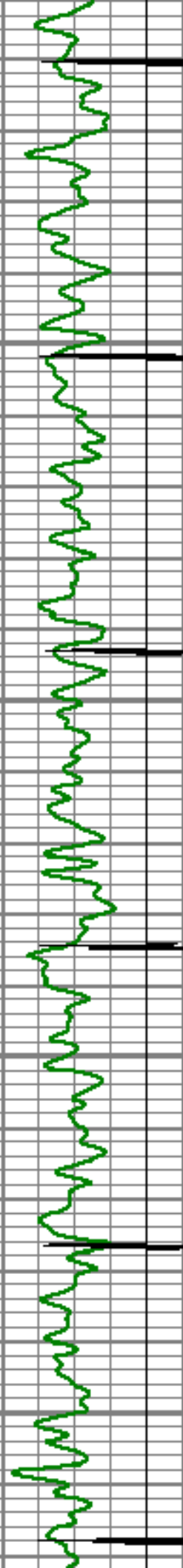
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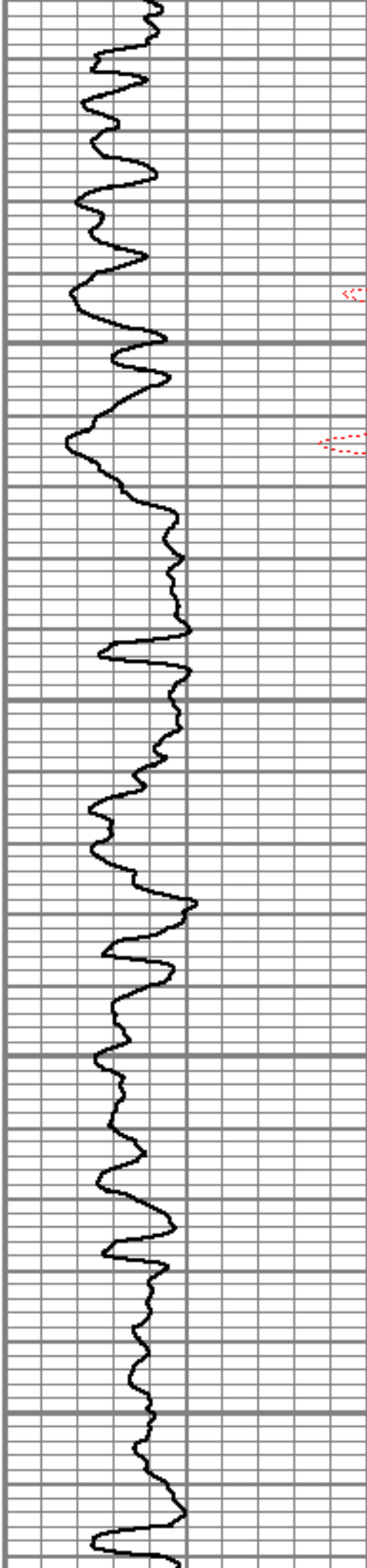


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3500

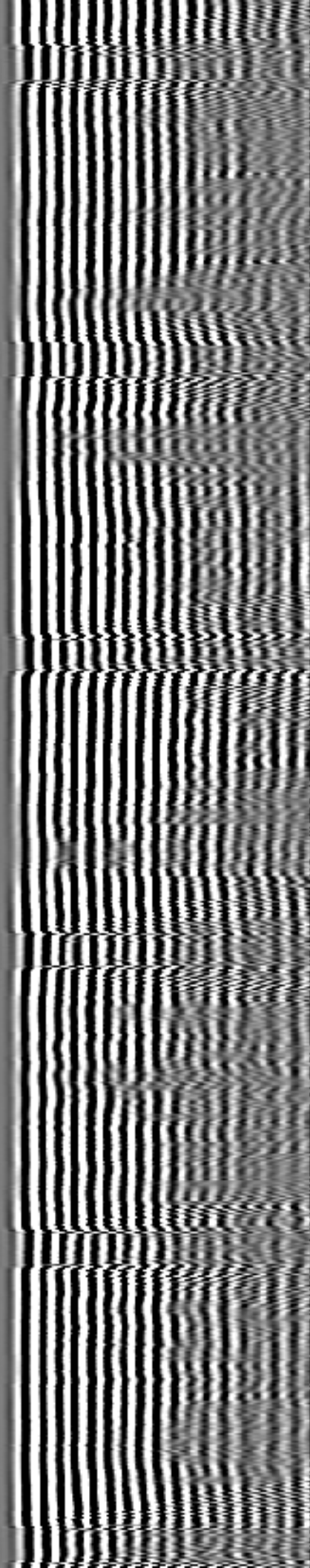
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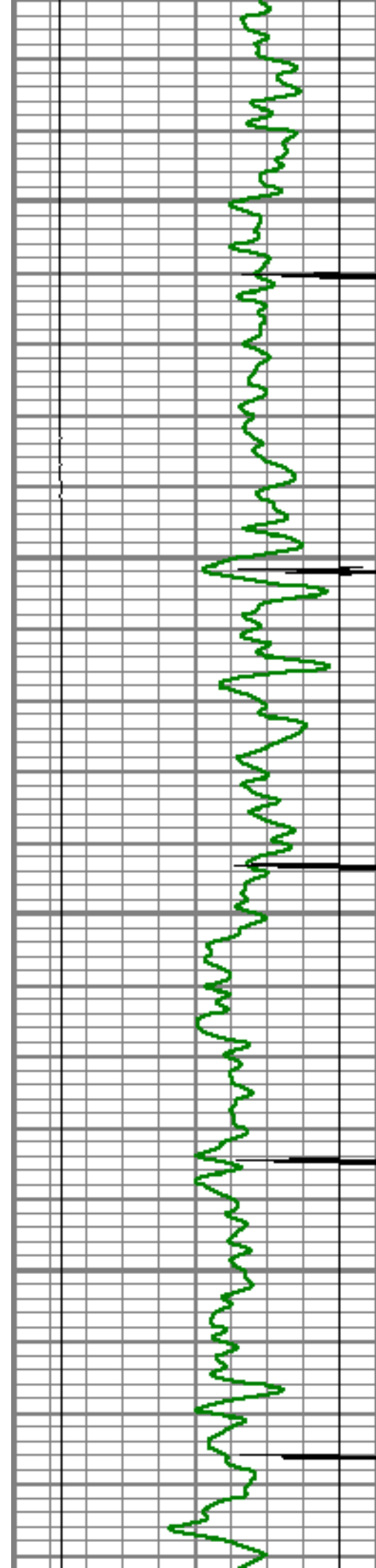
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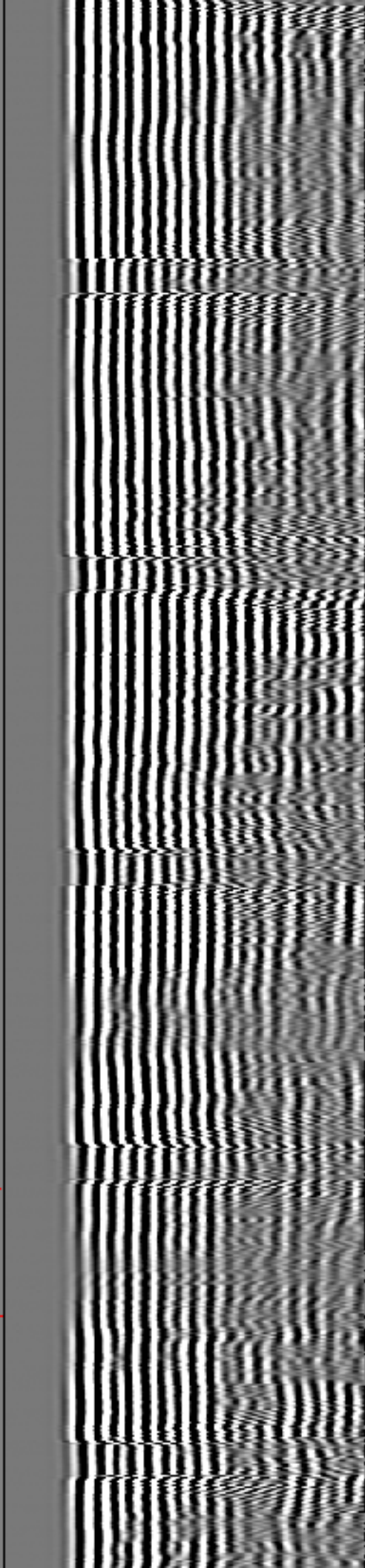
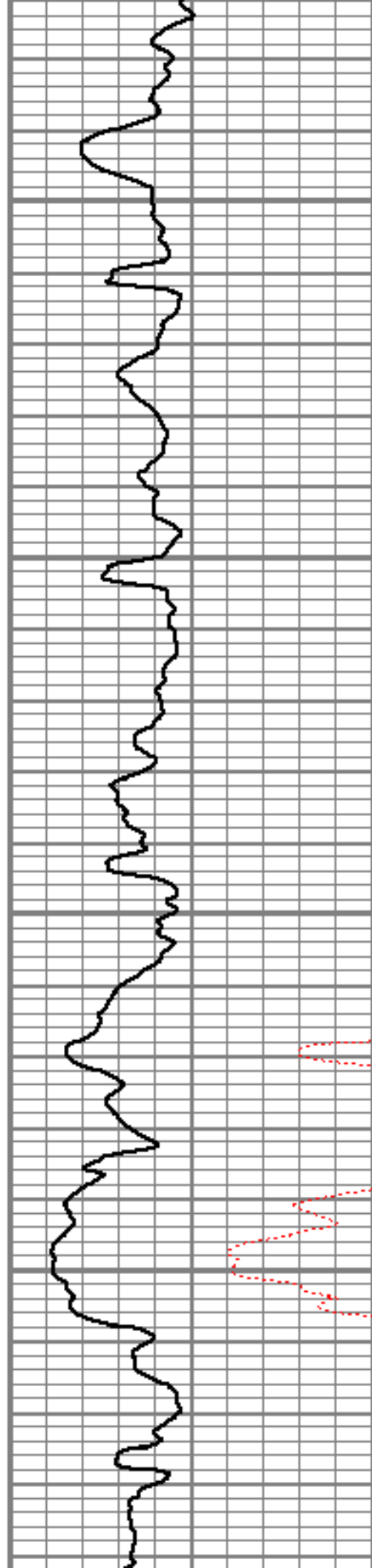


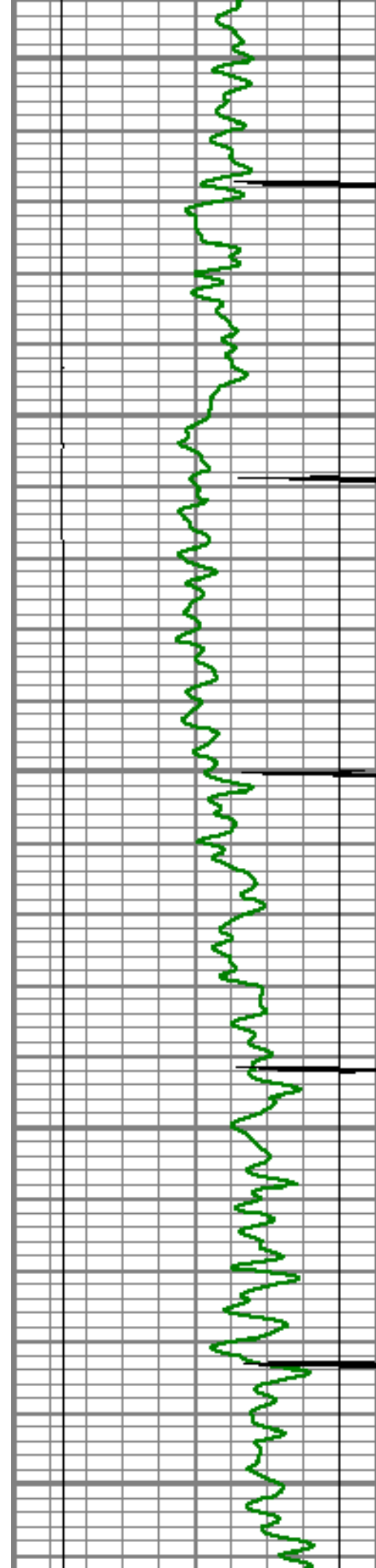
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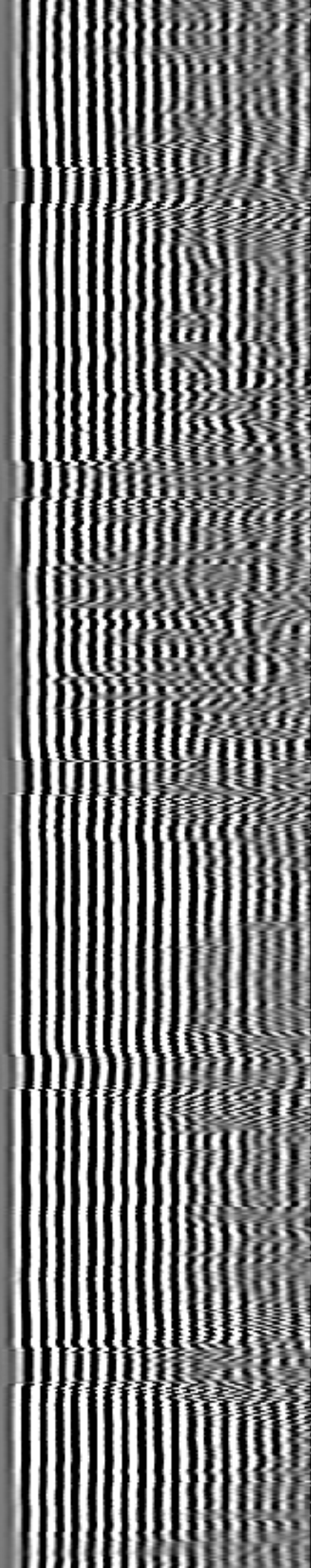
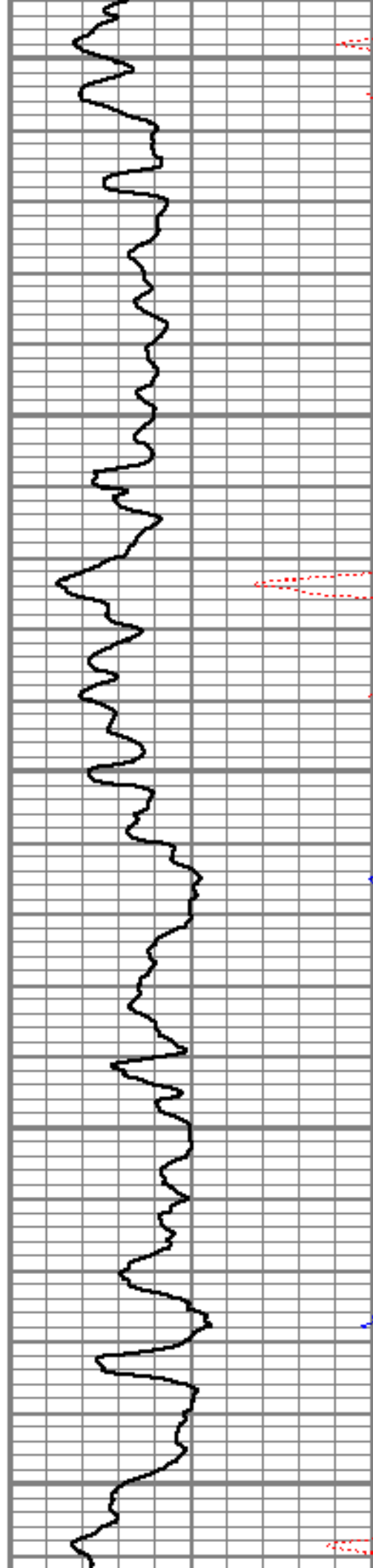
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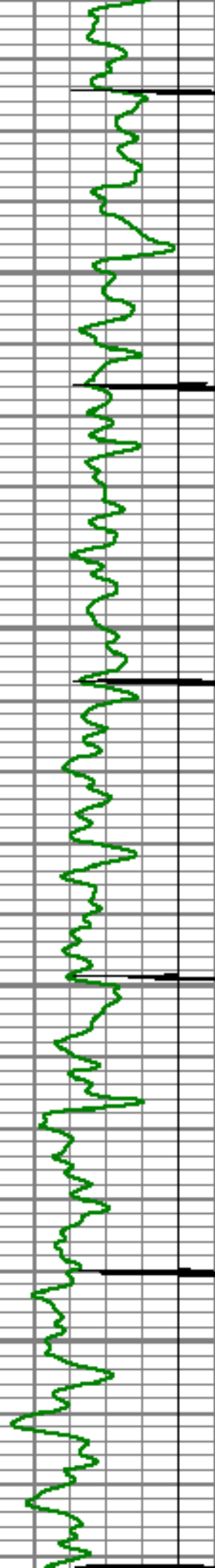
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4050



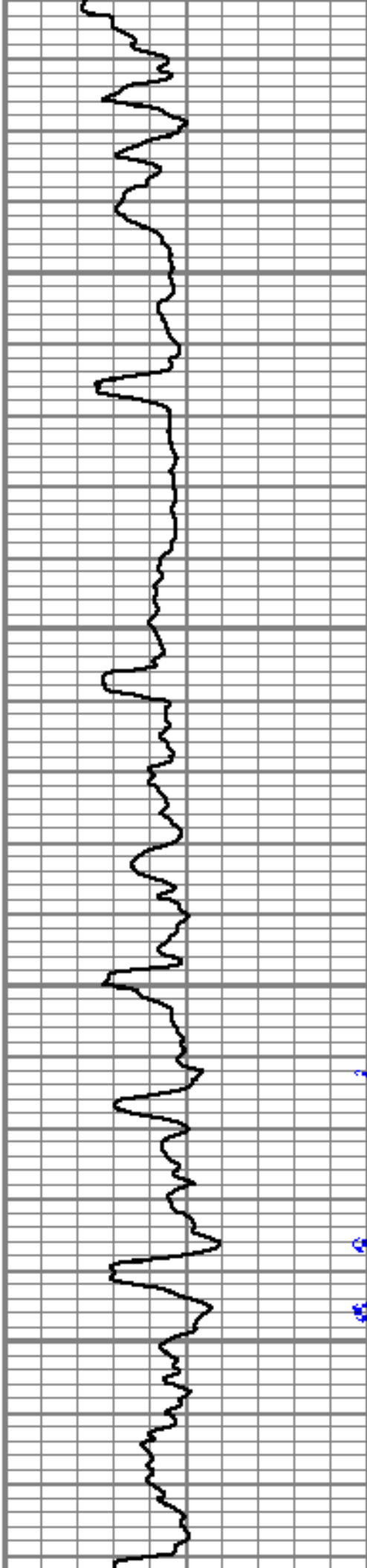


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4150

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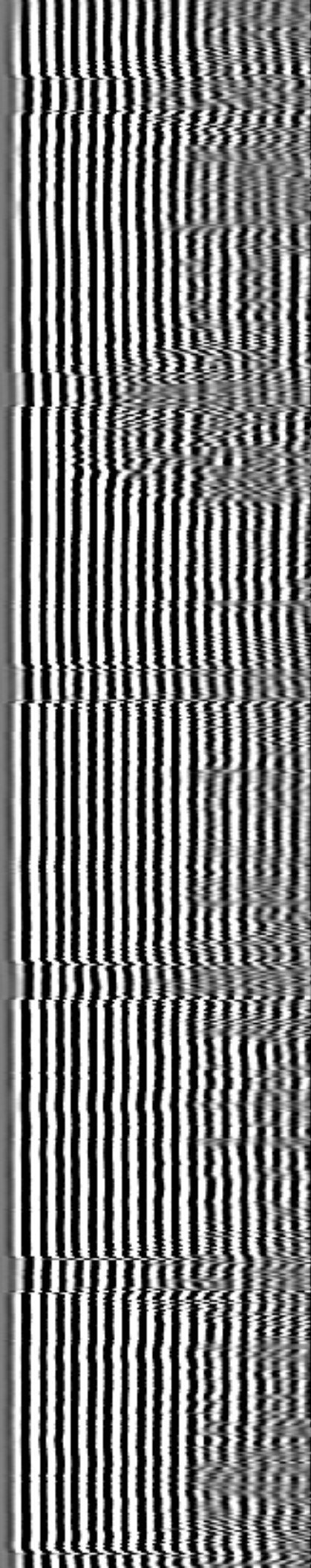
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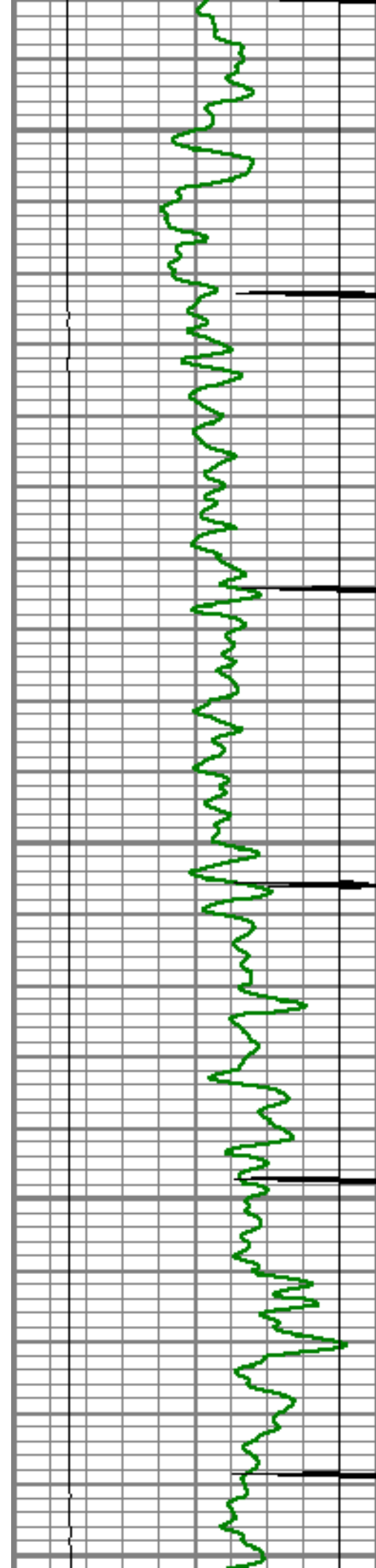


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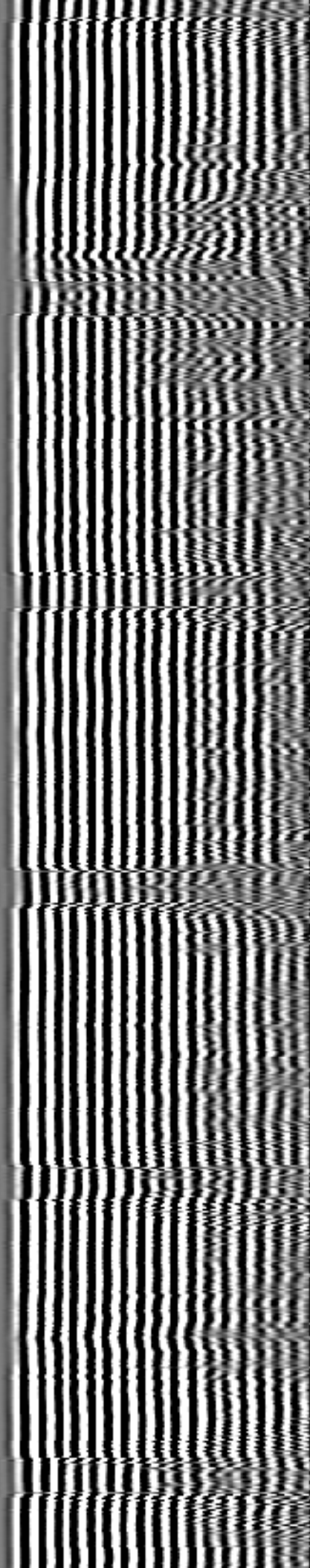
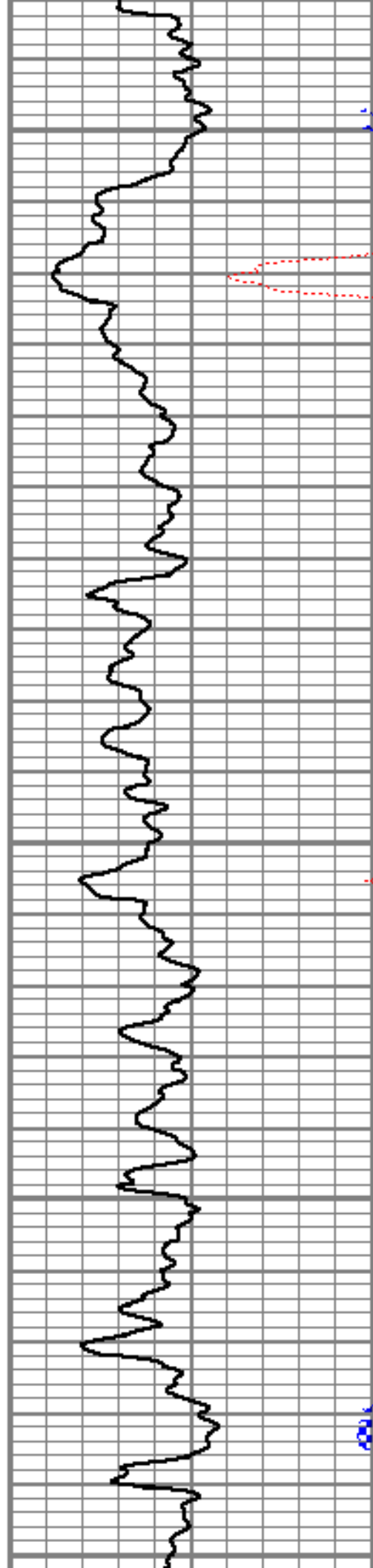
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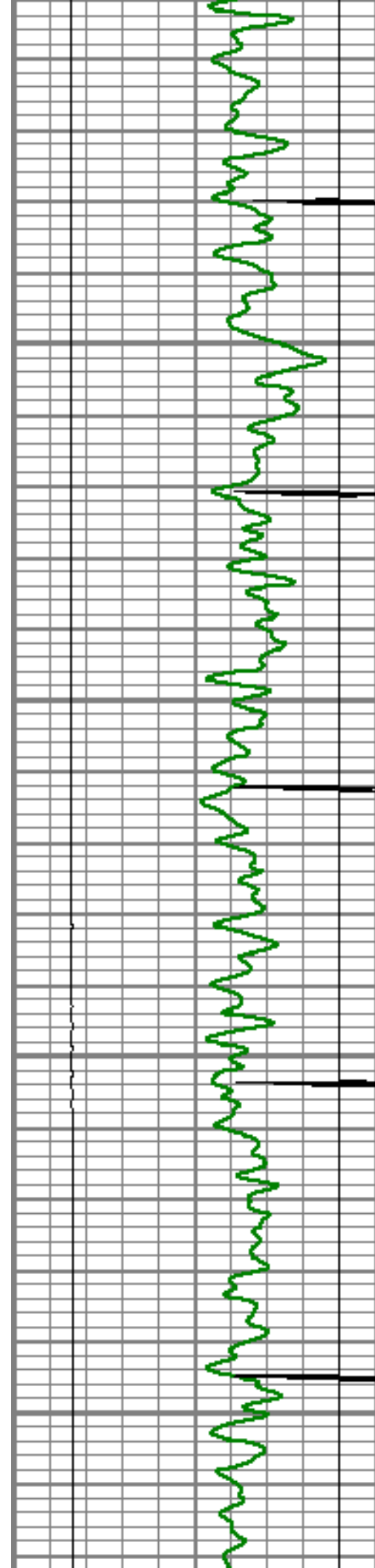
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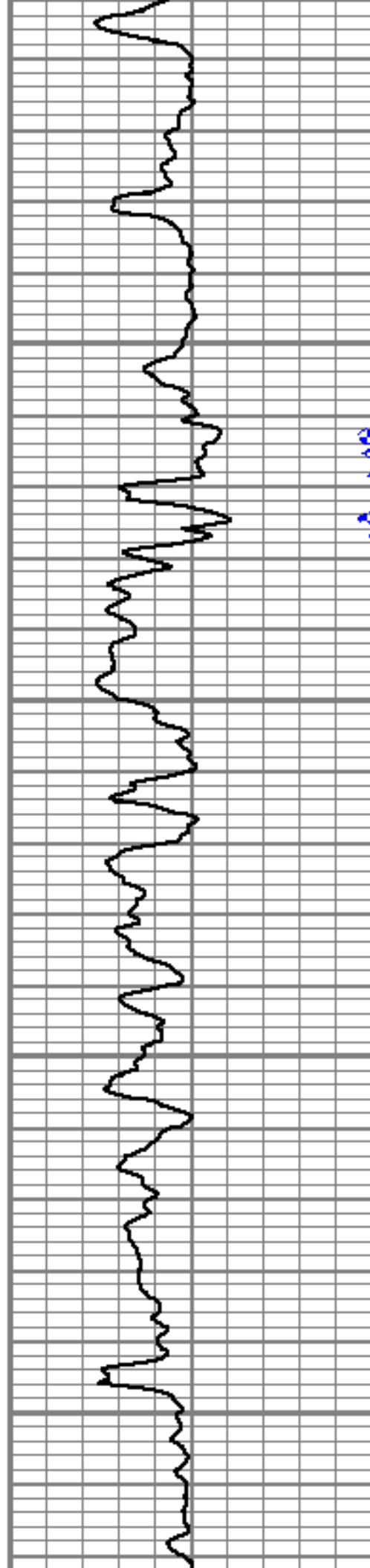


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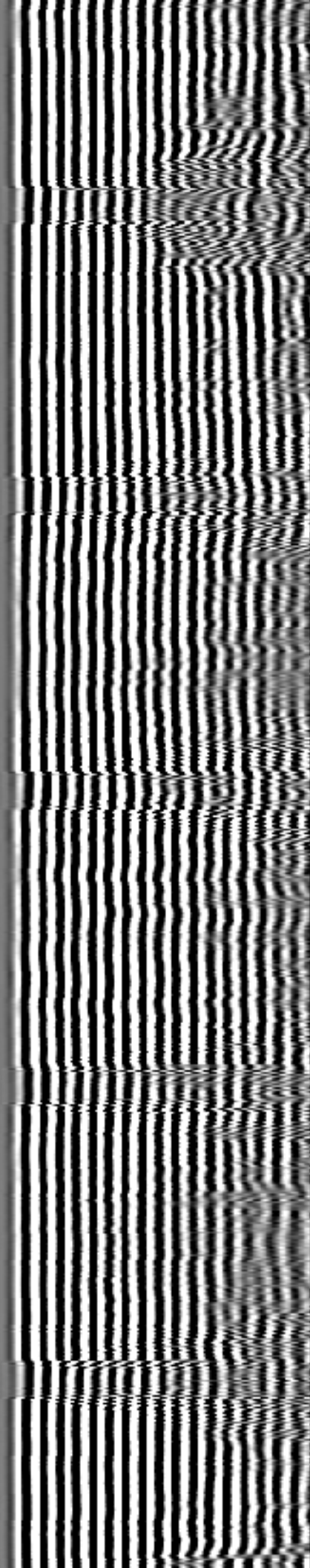


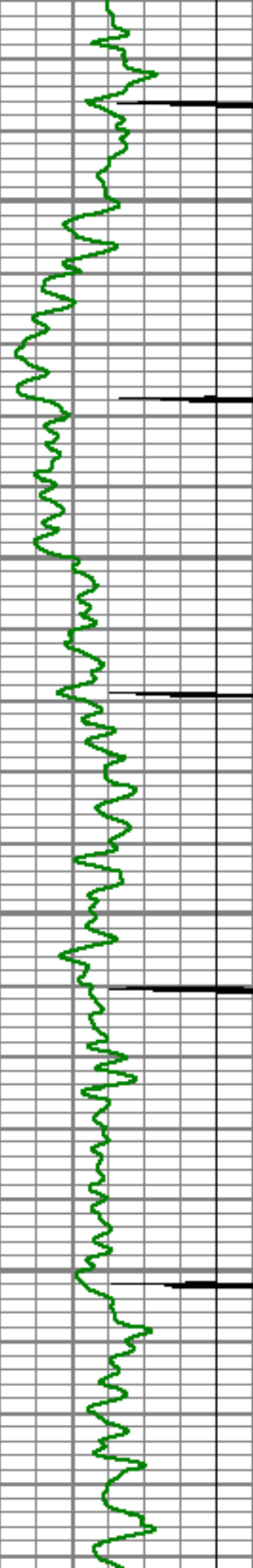
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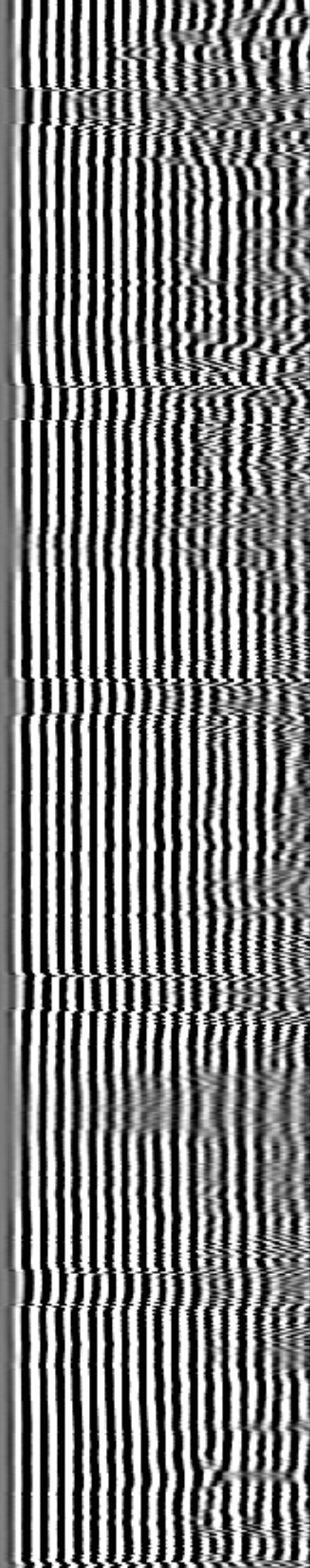
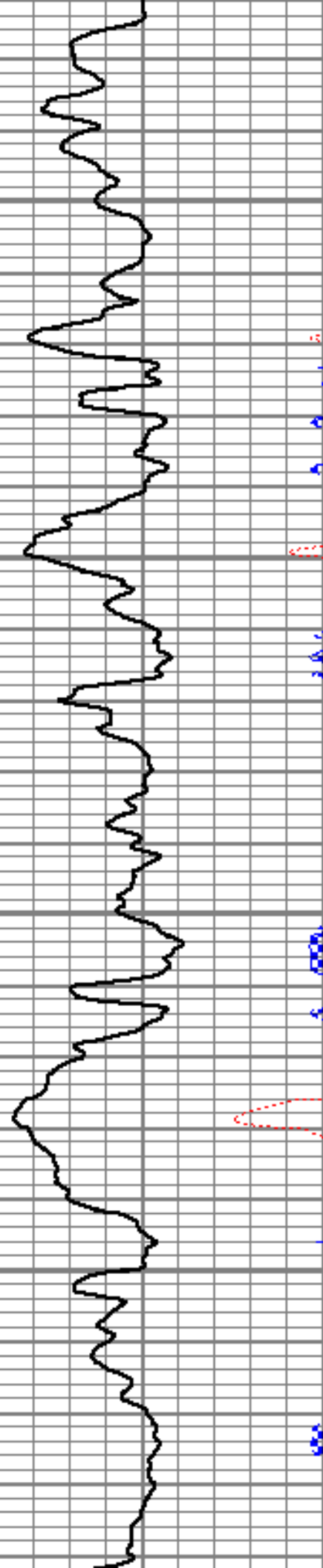


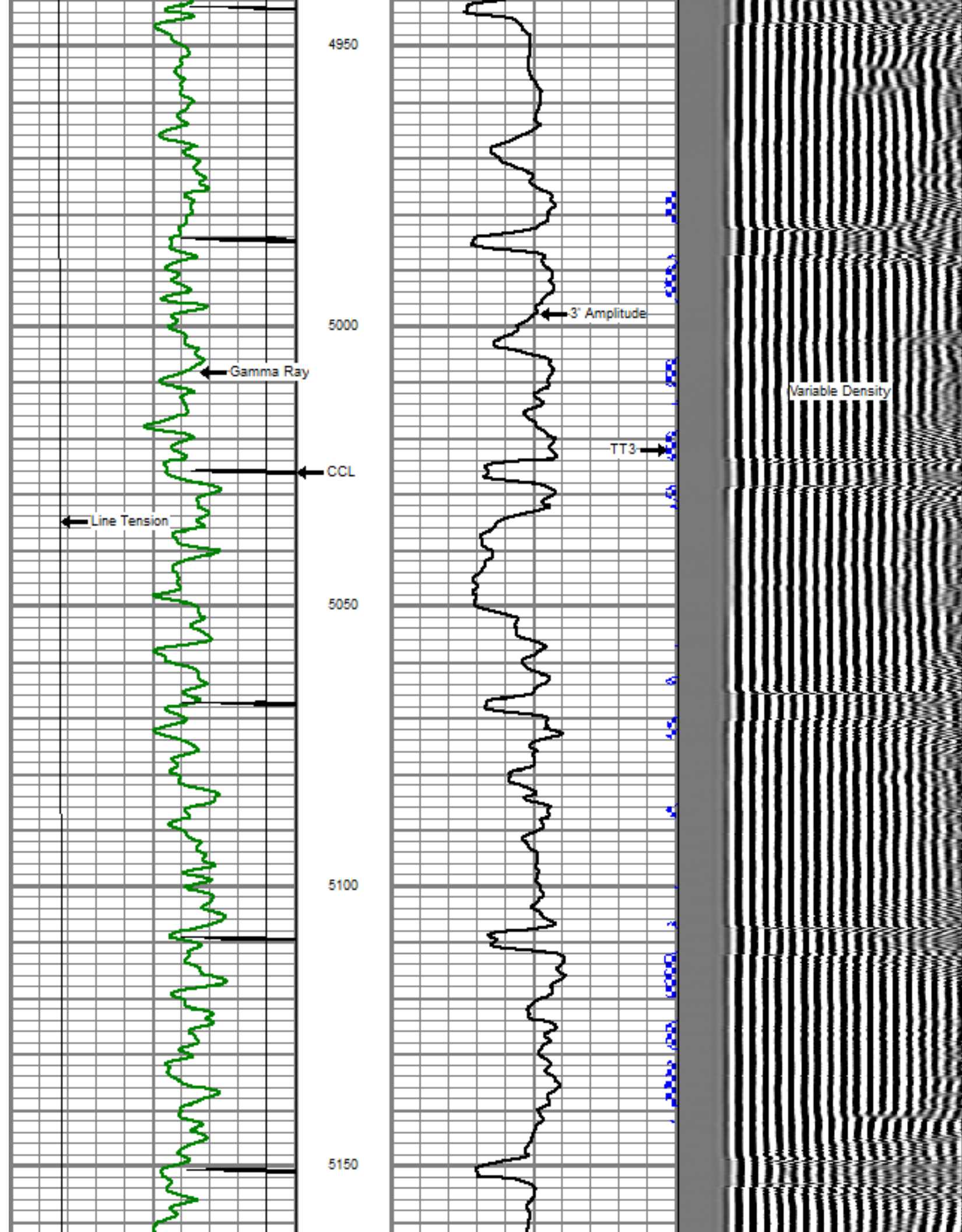
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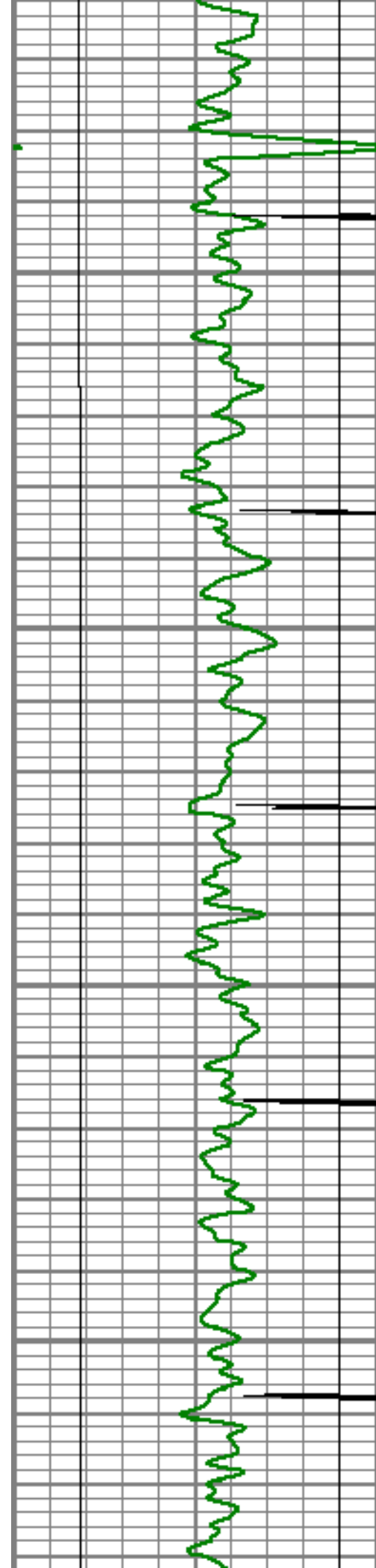
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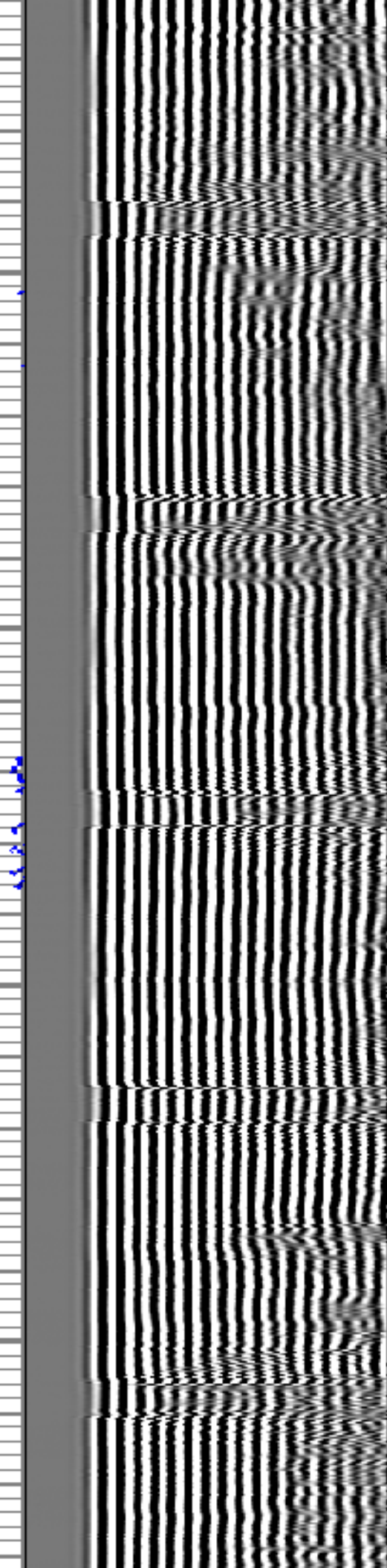
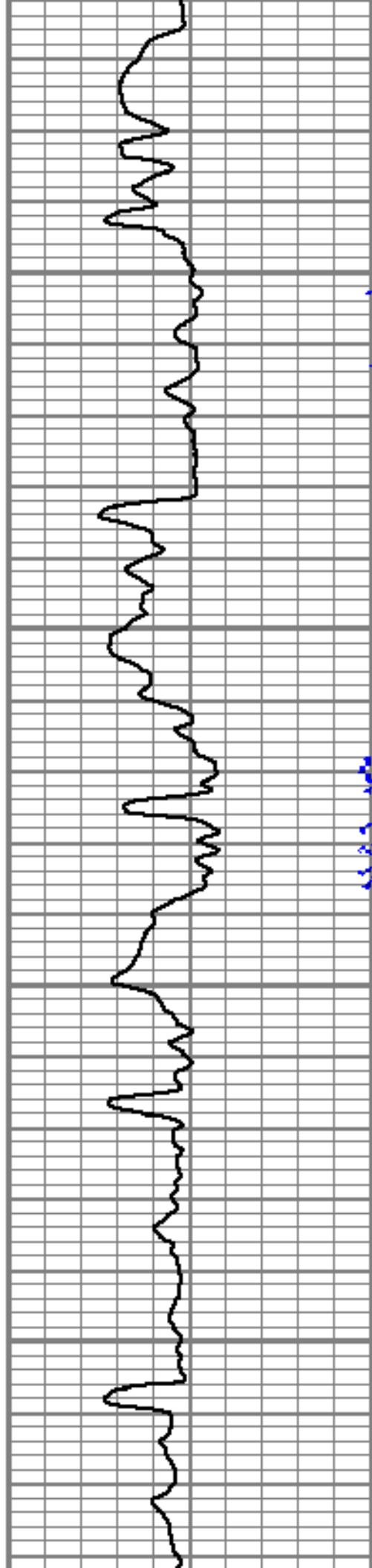


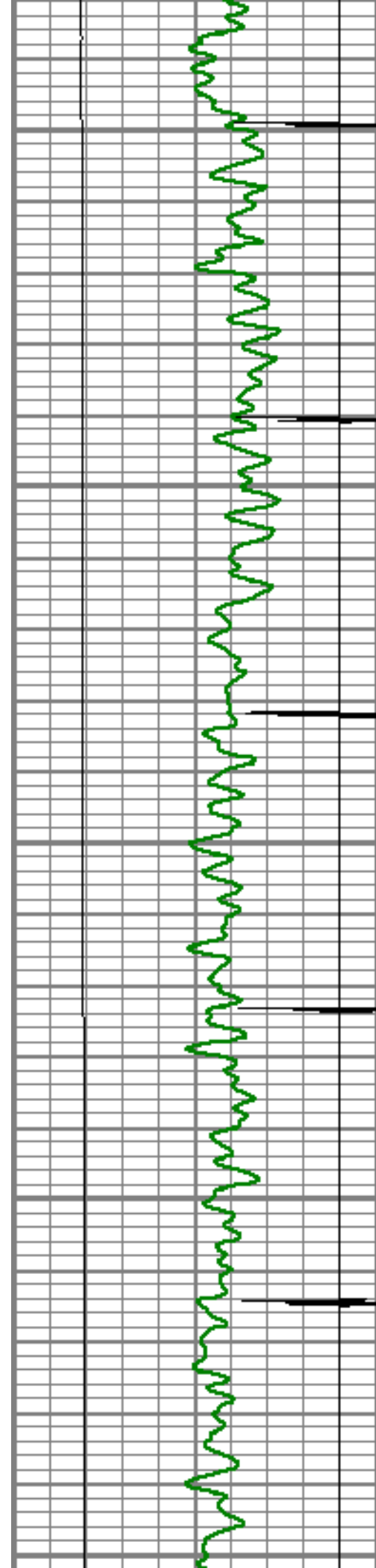
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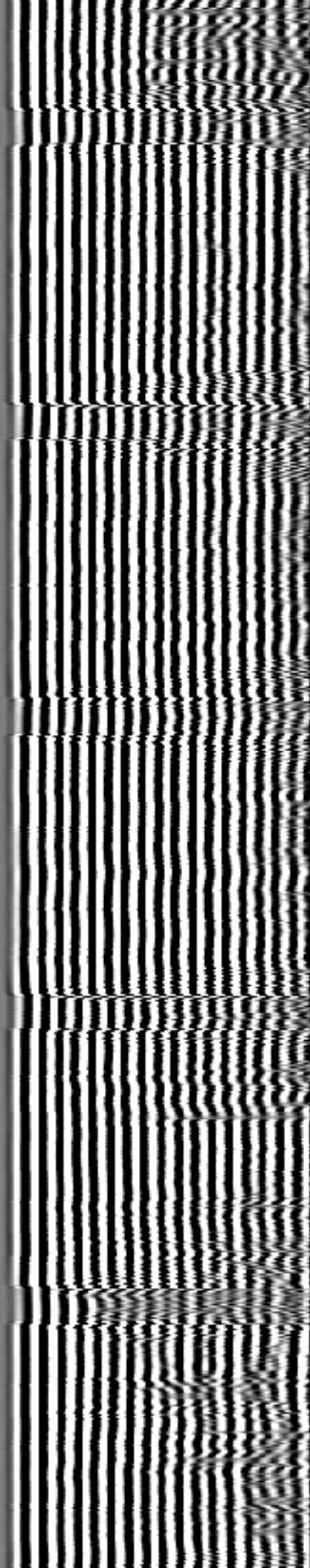
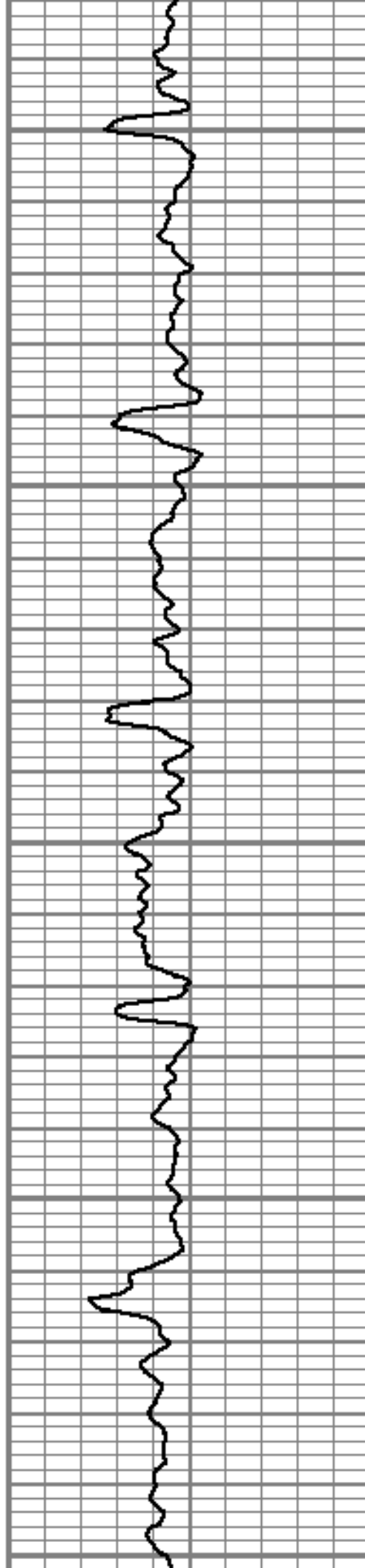
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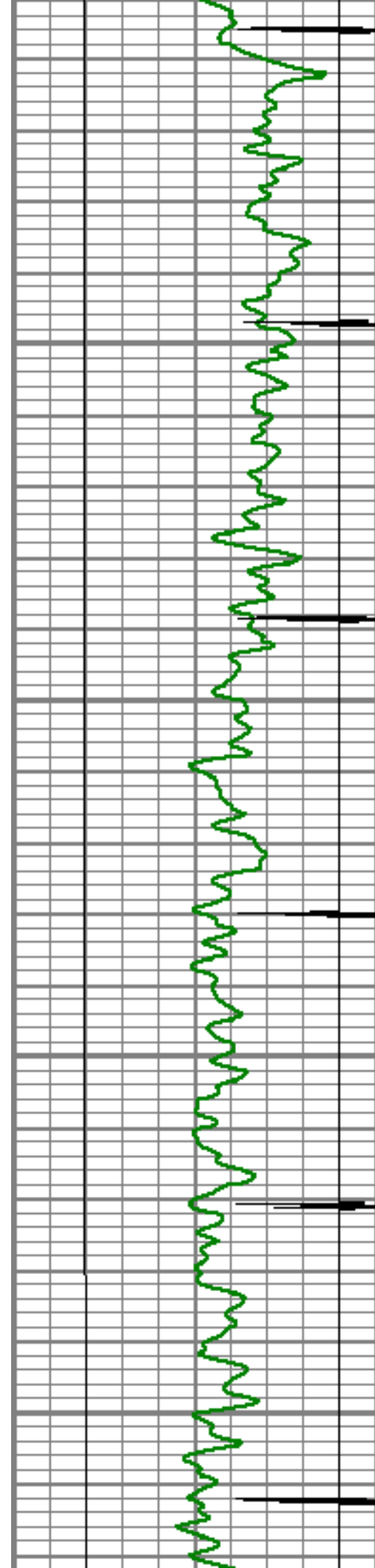
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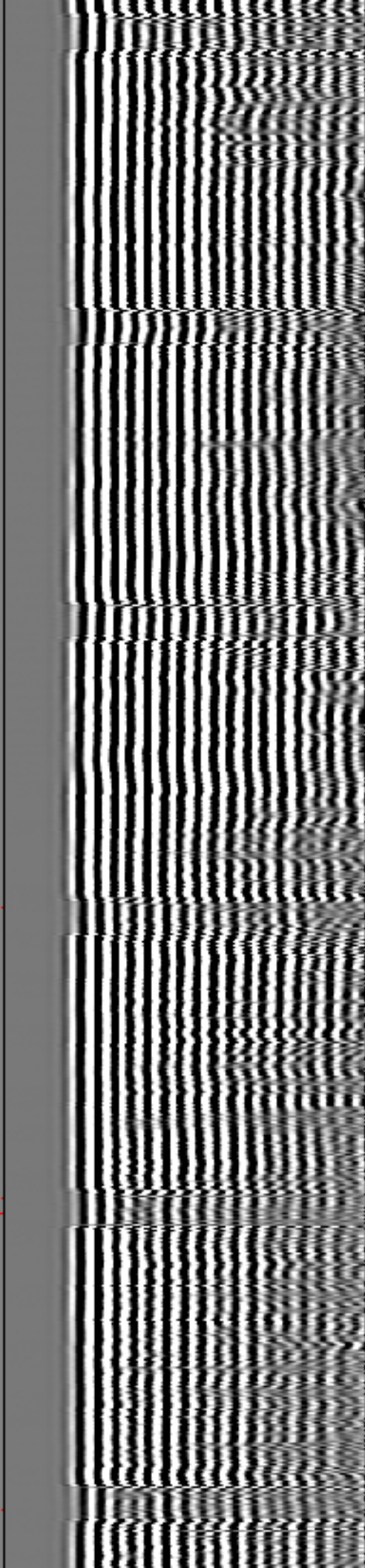


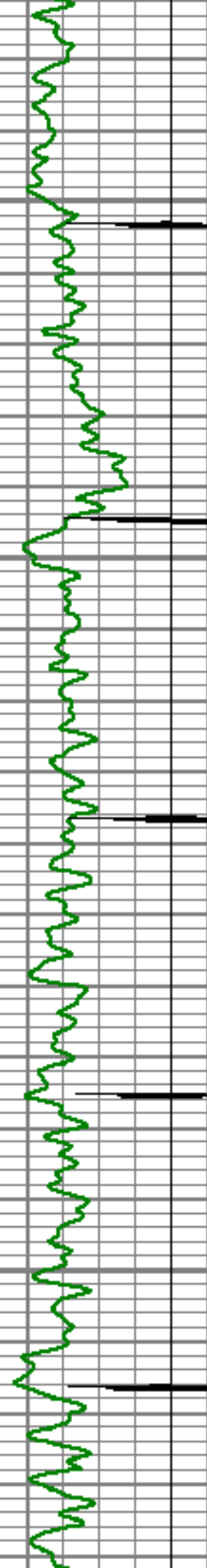
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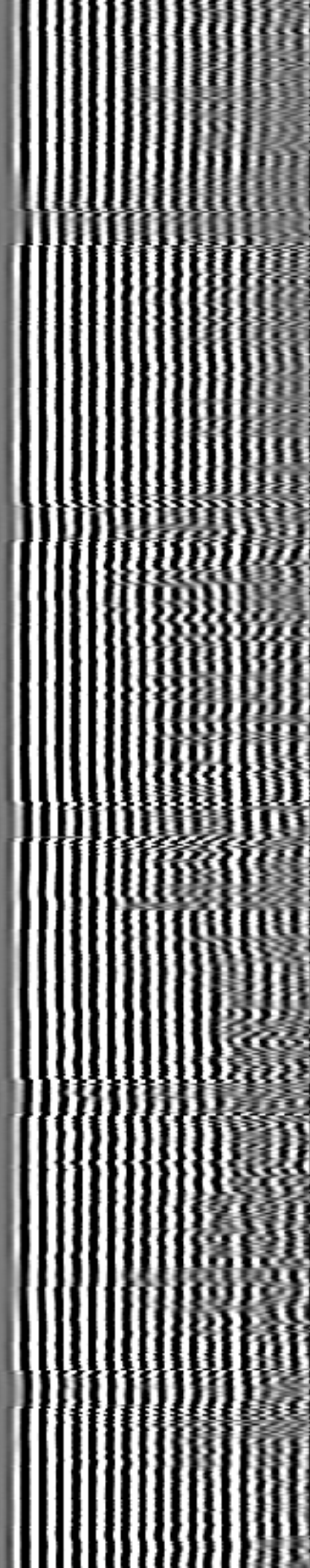
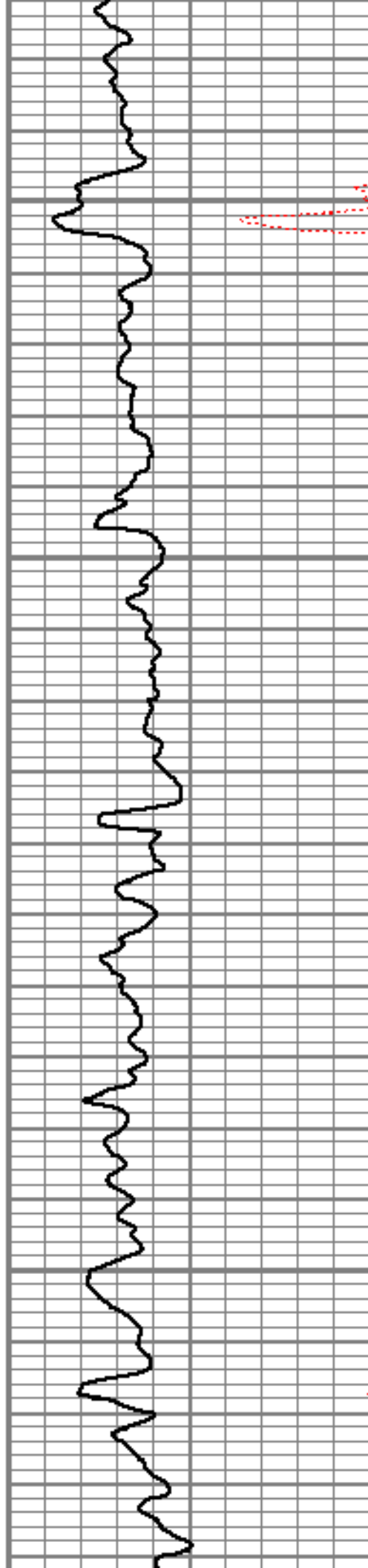


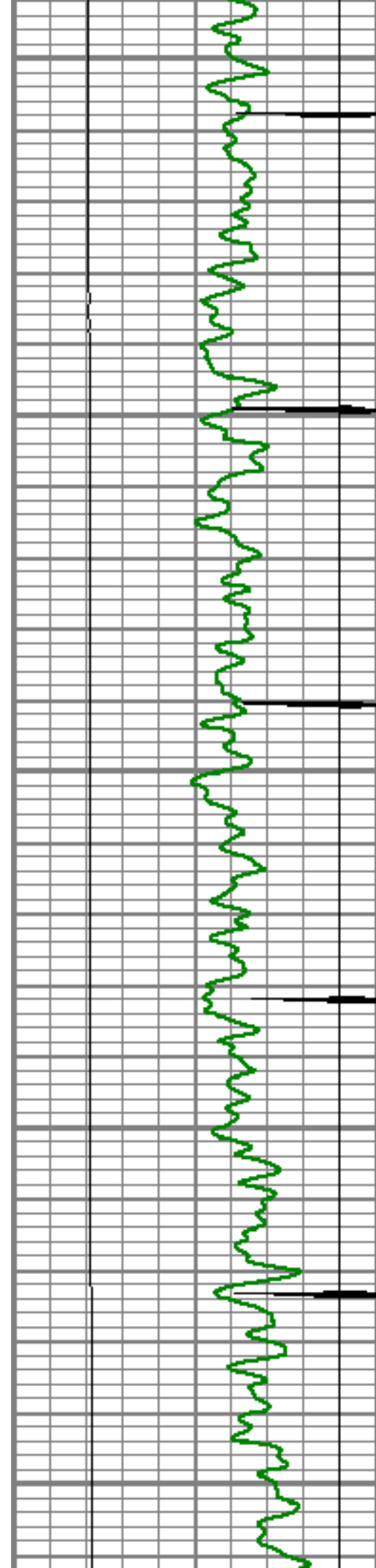
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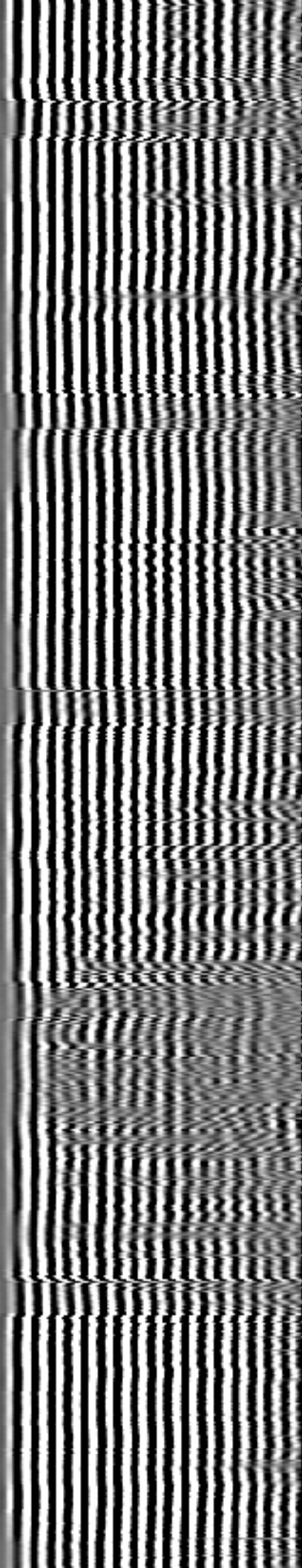
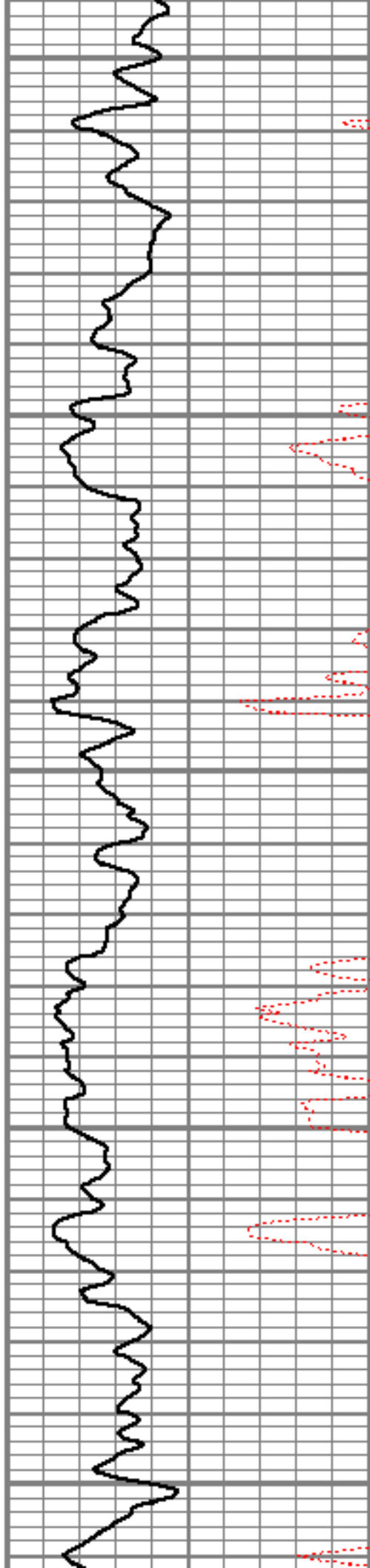
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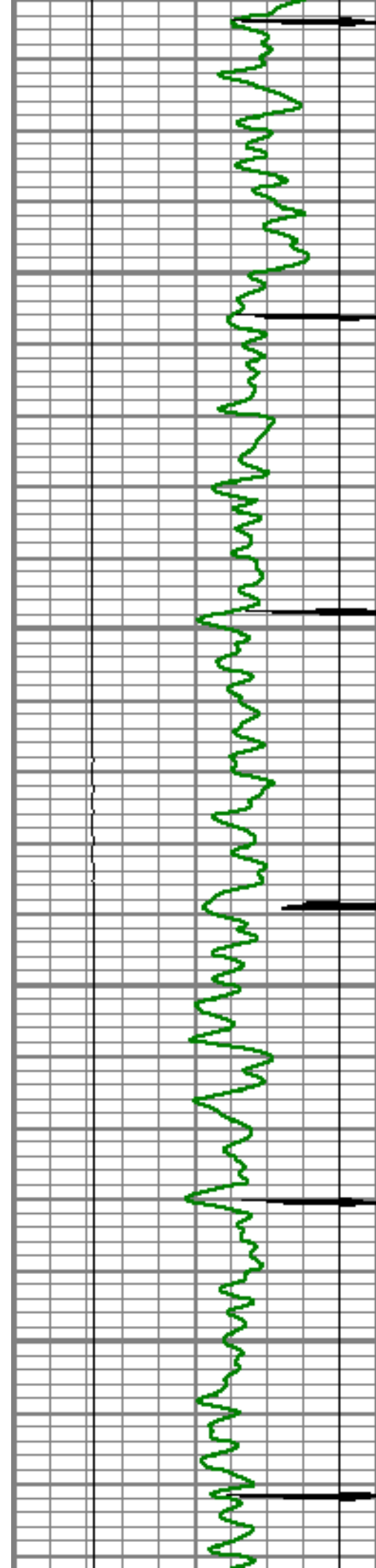
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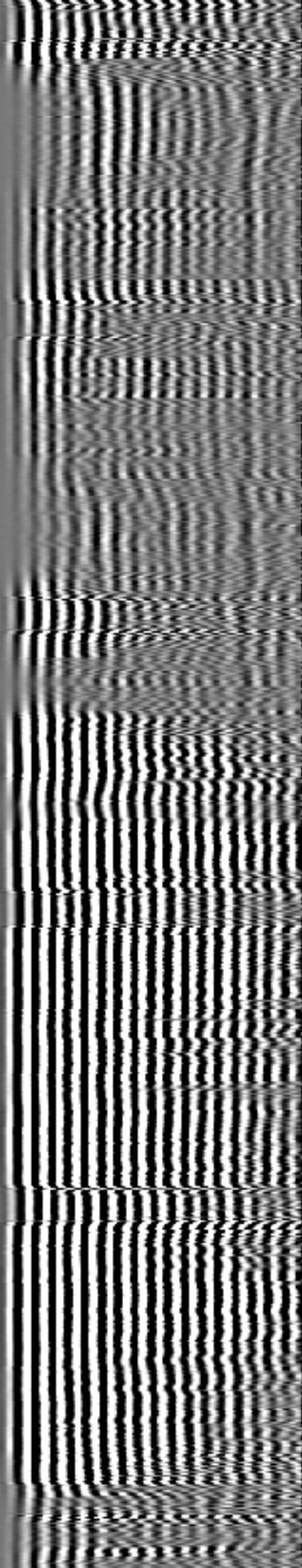
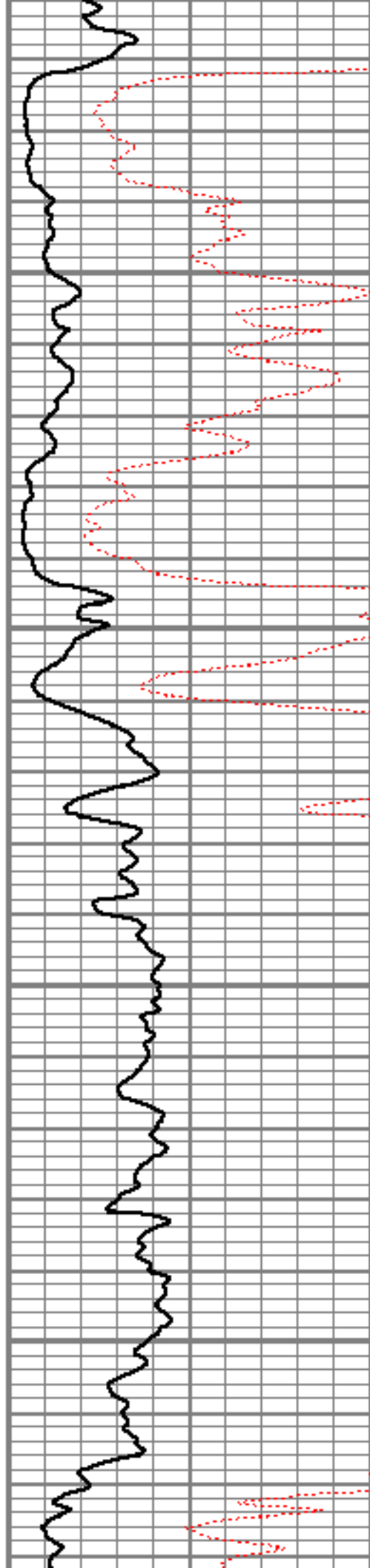


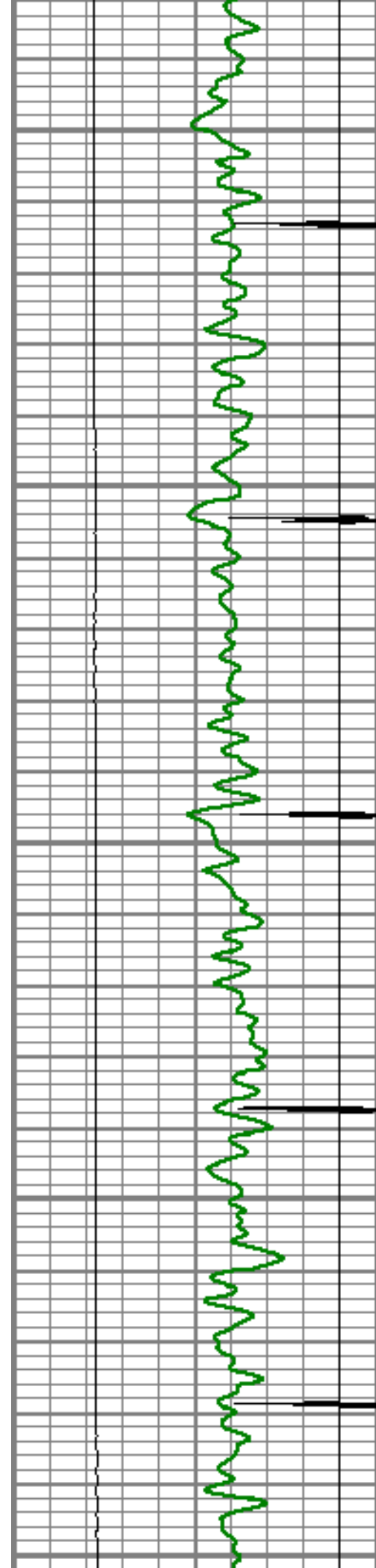
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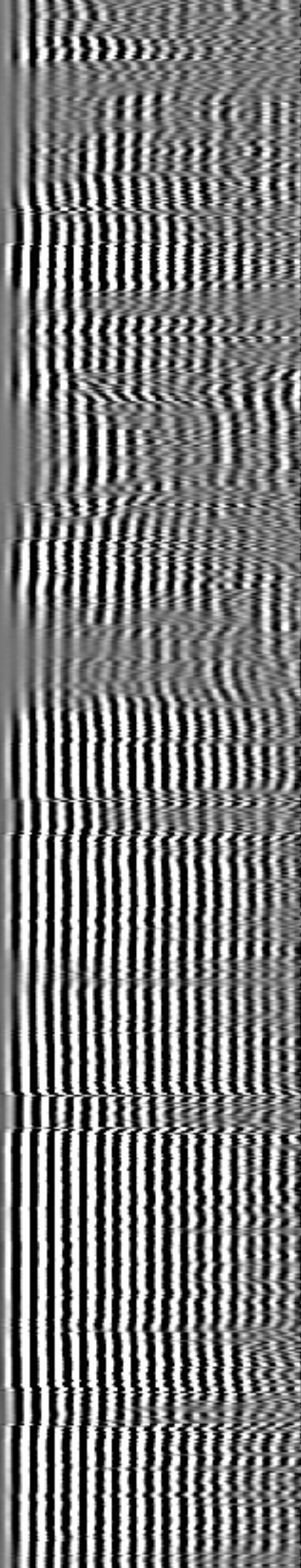
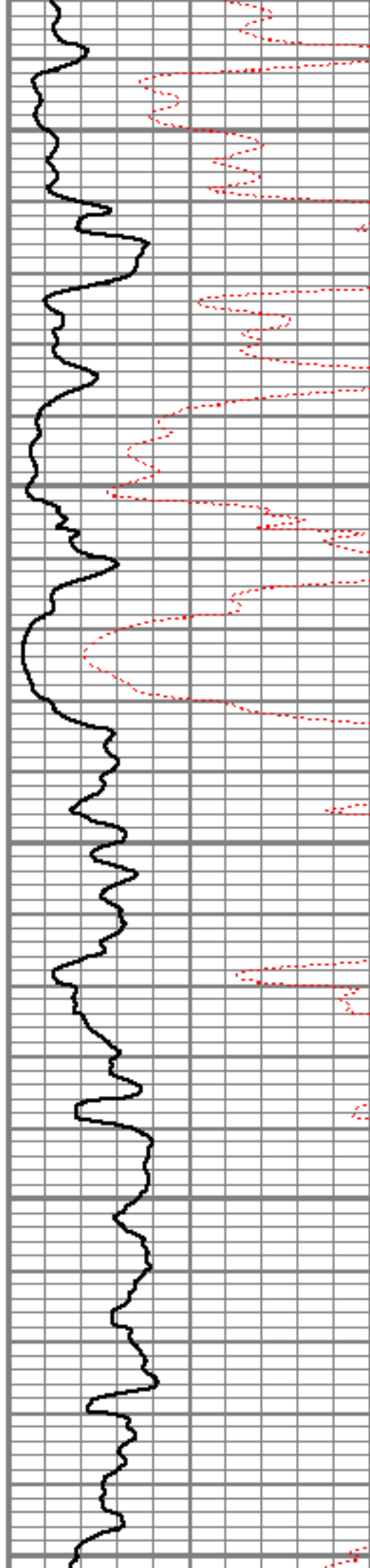
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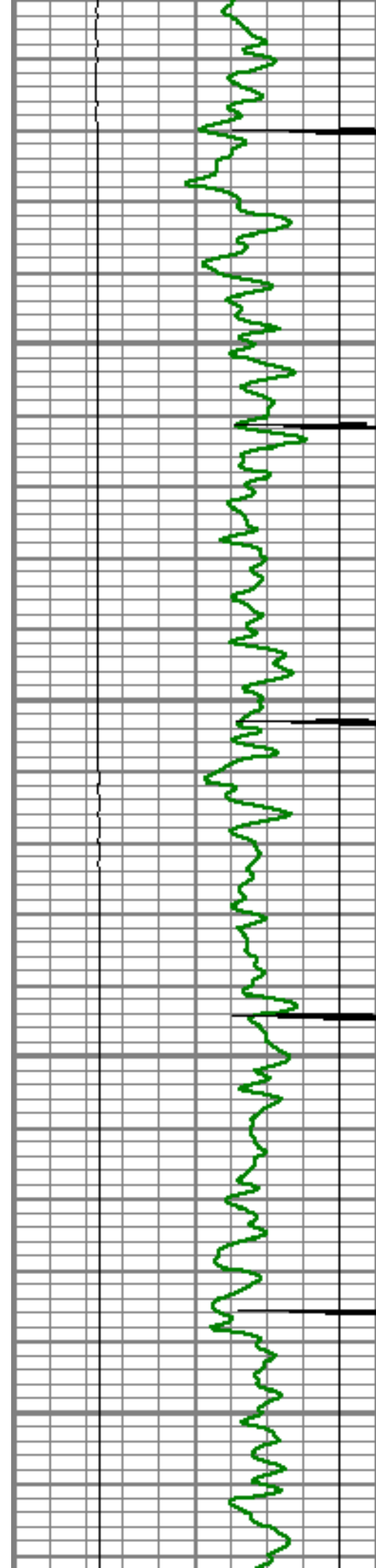
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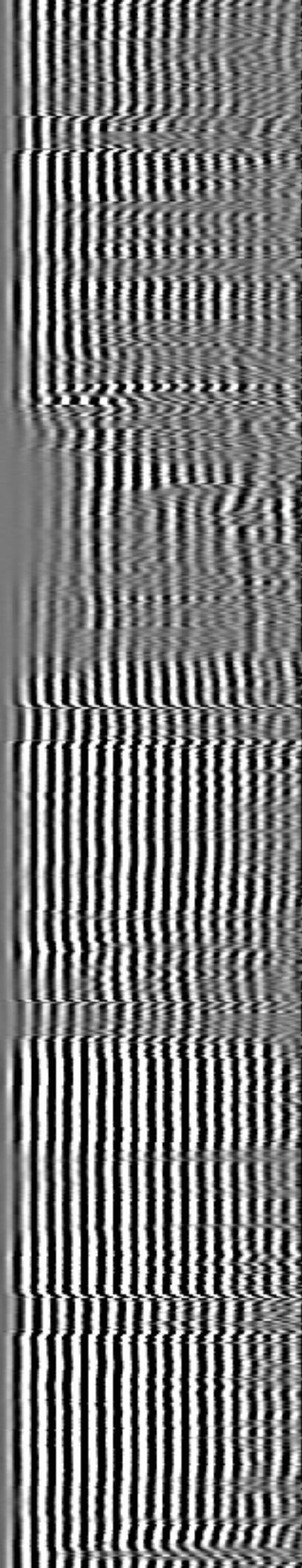
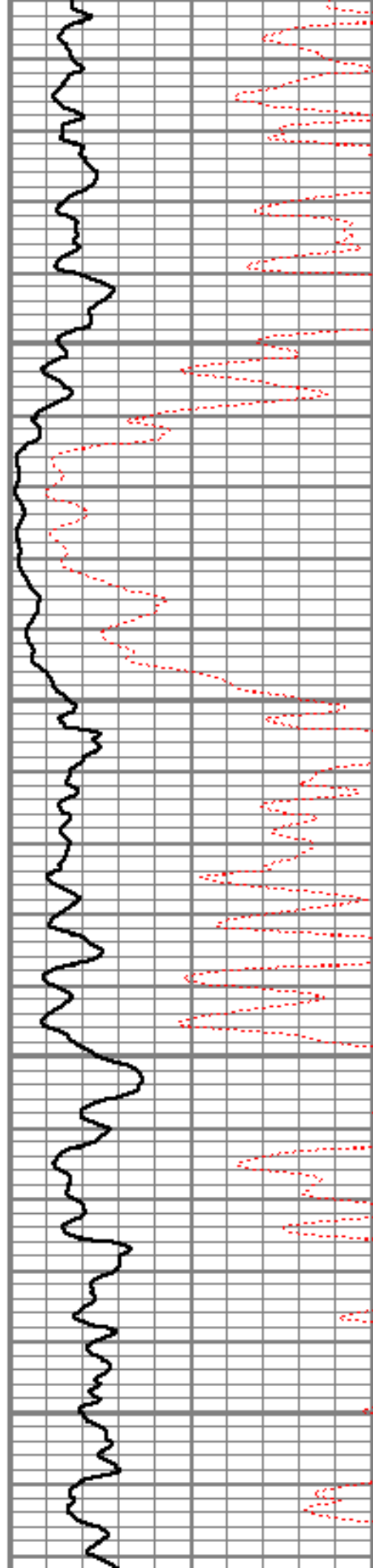


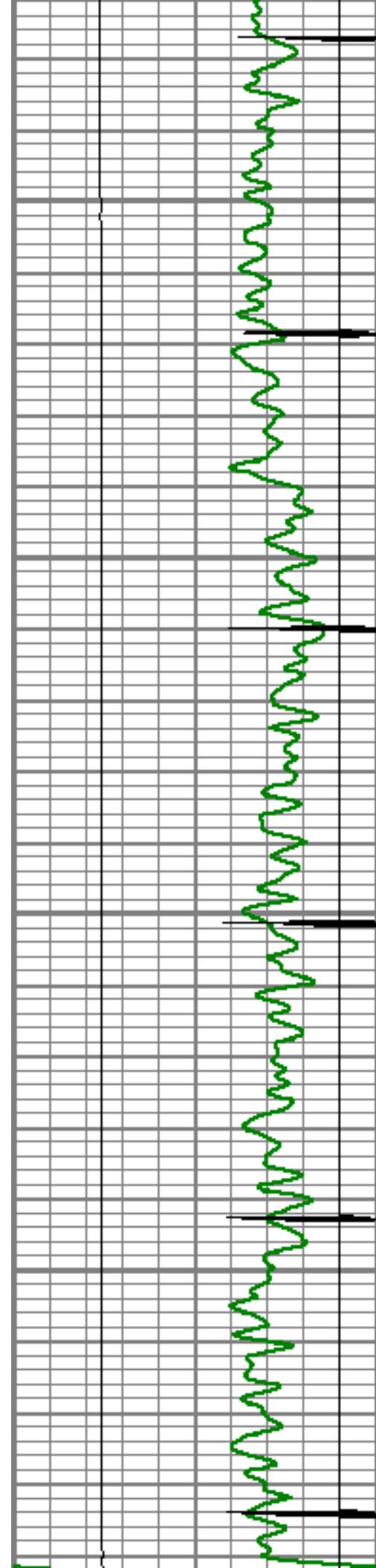
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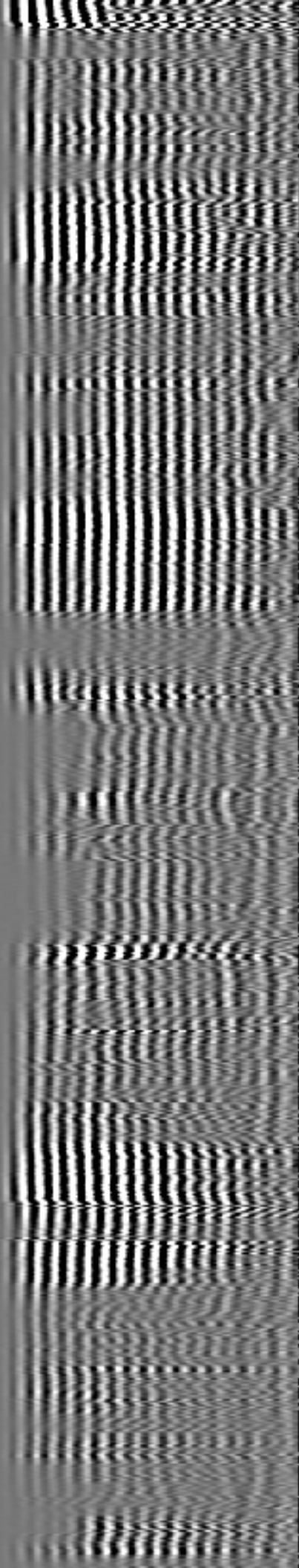
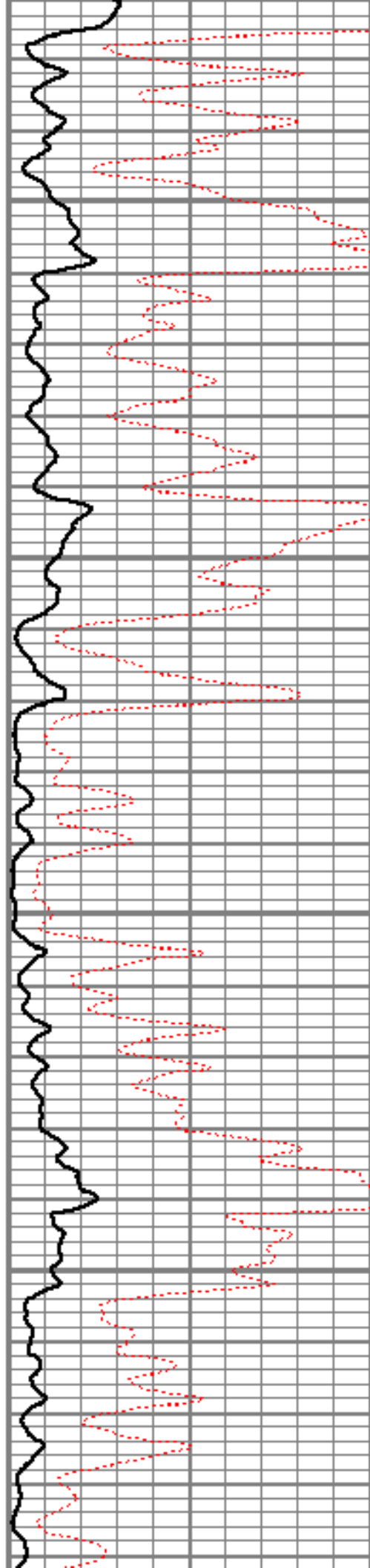


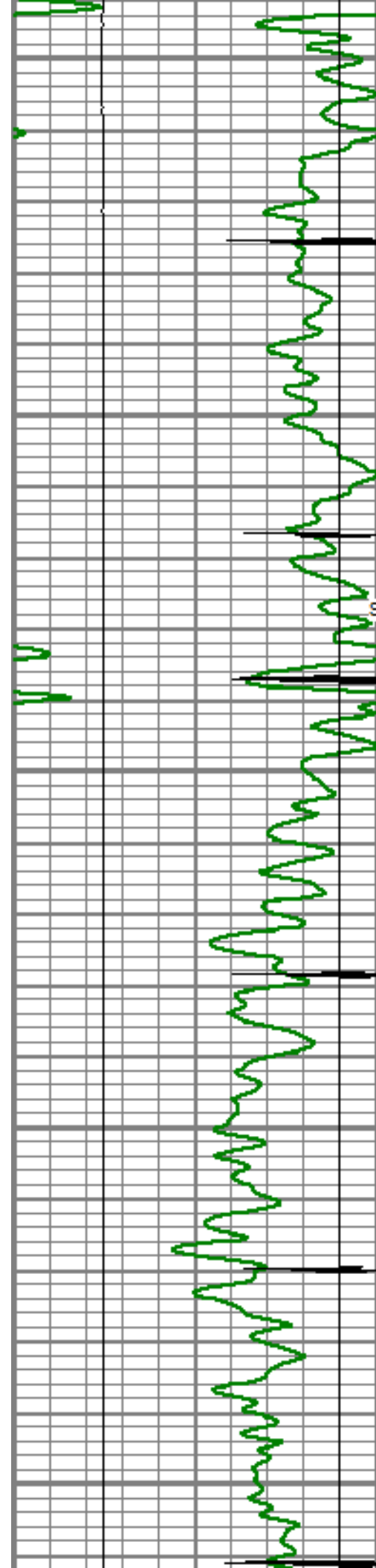
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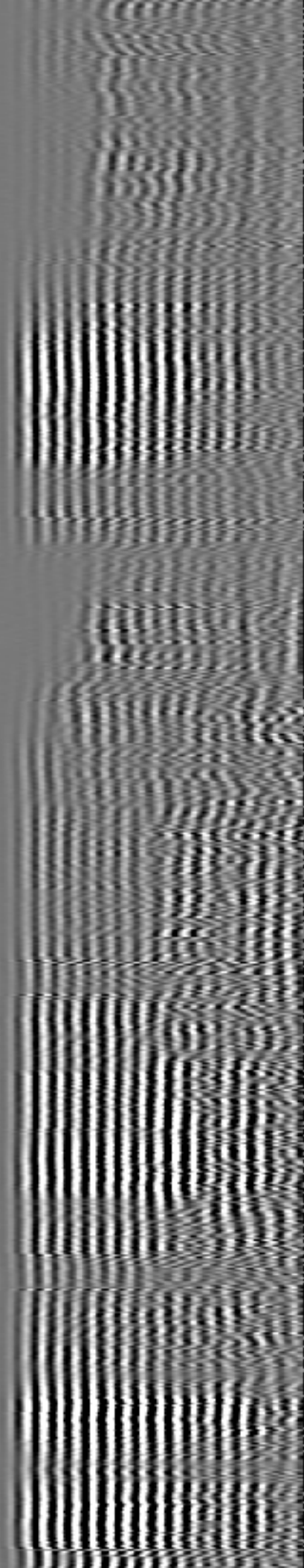
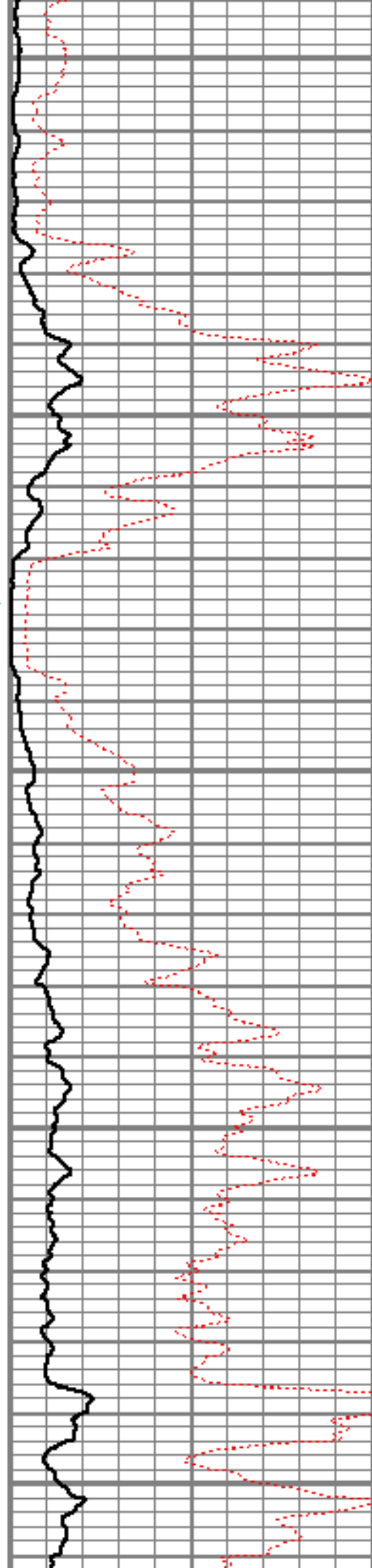
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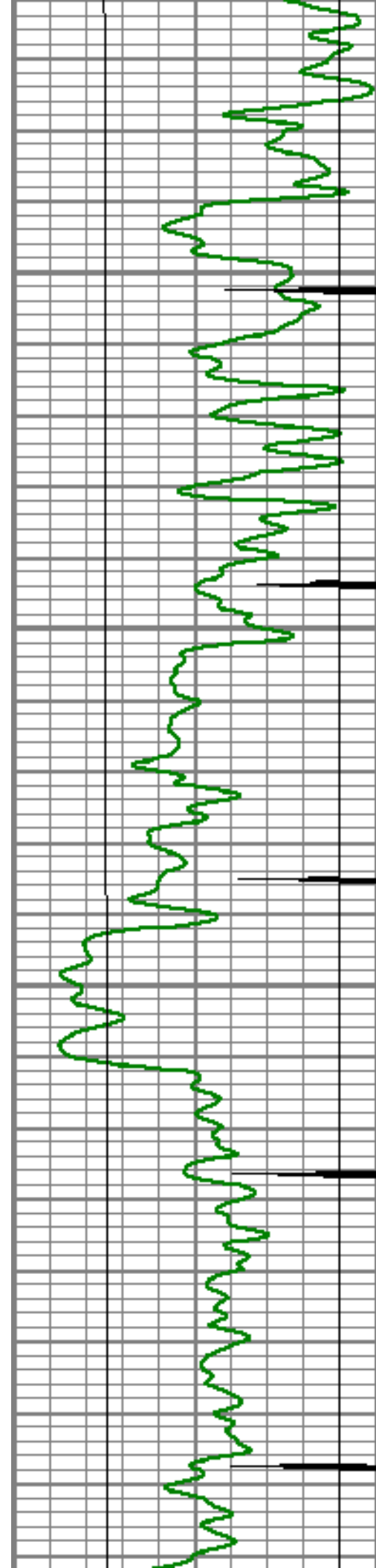
SHORT JOINT

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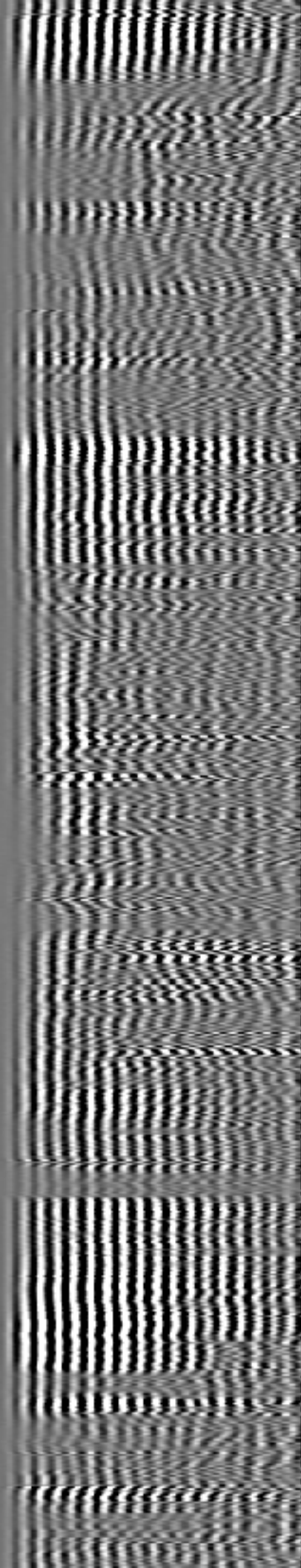
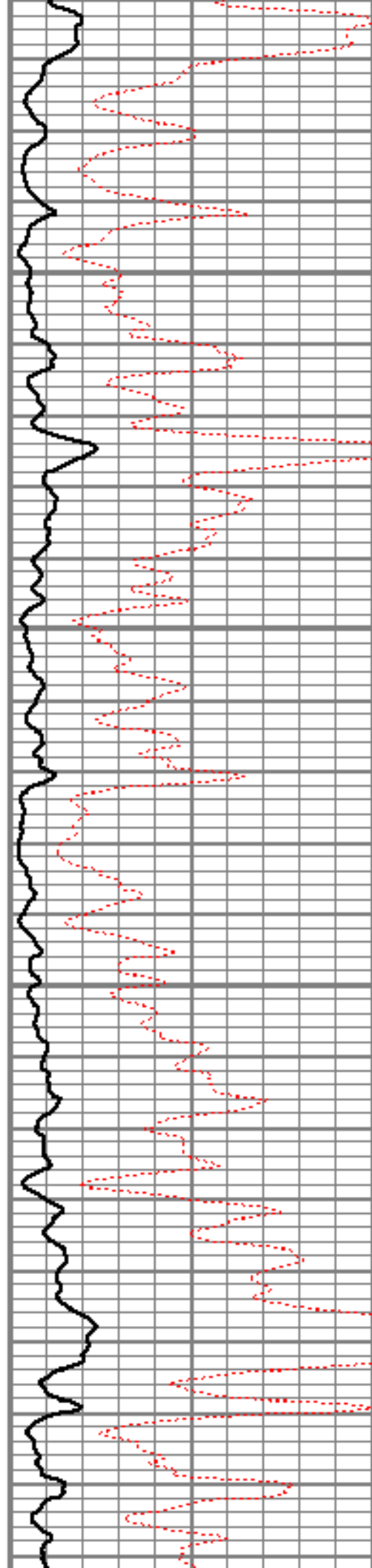


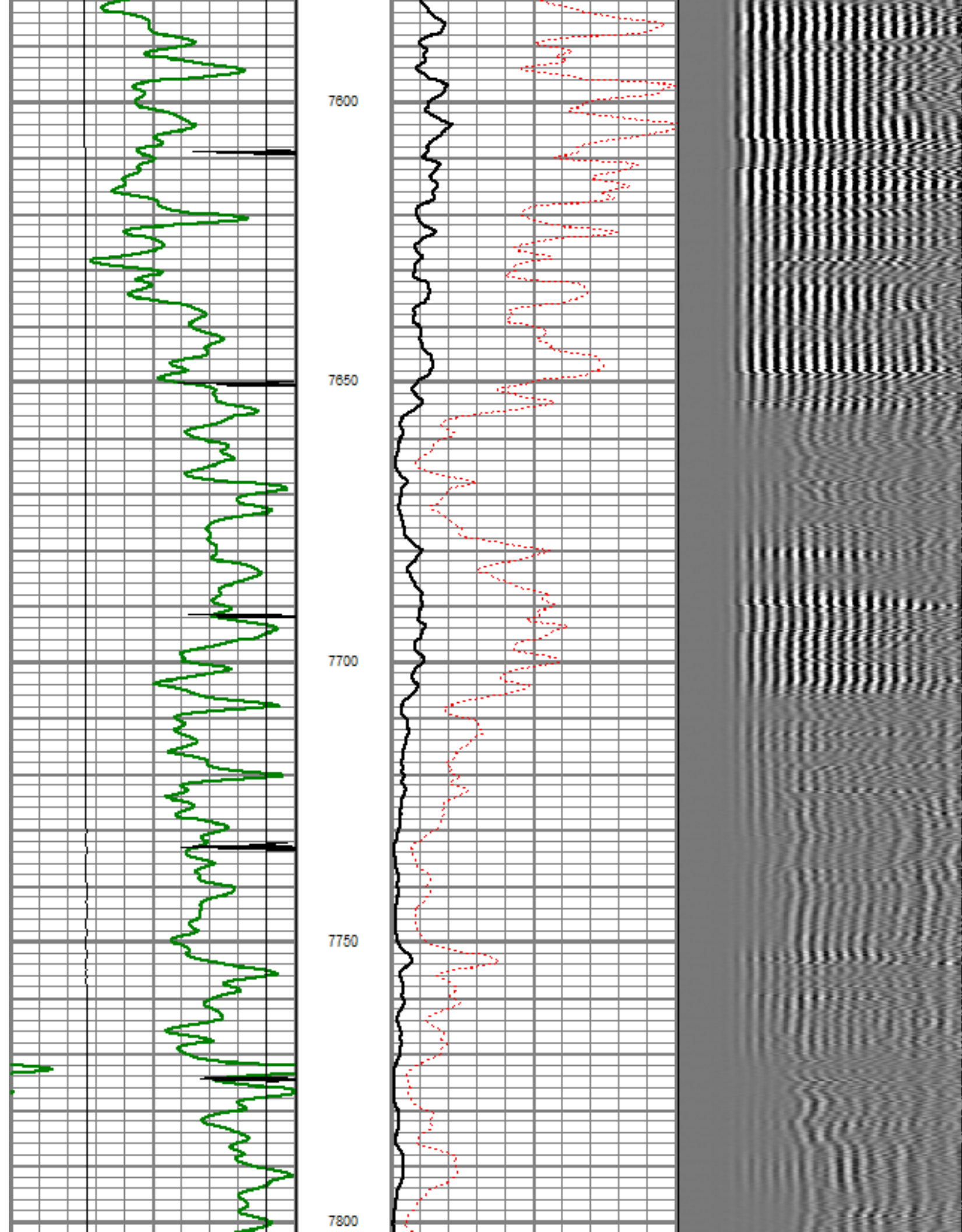
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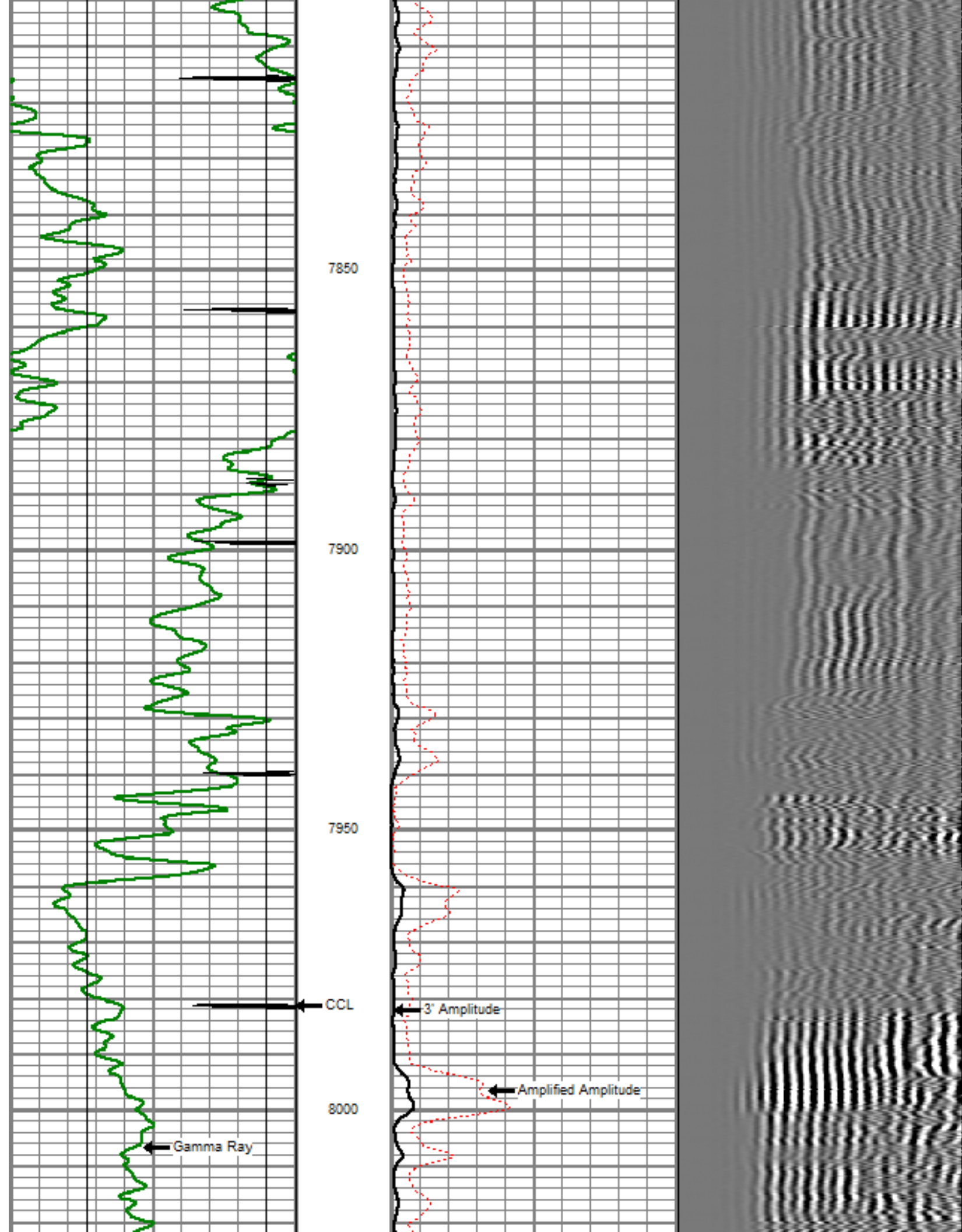
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7550









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_GRCCL (PRB_GRCCL_275_01) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
GR	3.77					
			TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive pulse Temp tool	2.88	1.38	15.00
TEMP	0.17					
Dataset: file 4-2-17.db: field/well/run1/pass3 Total Length: 22.98 ft Total Weight: 126.50 lb O.D. 2.75 in						



Company	ENCANA OIL & GAS (USA) INC
Well	FILE 4-2-17
Field	WATTENBERG
County	WELD
State	COLORADO