



Mesa Wireline

CEMENT BOND LOG

Company	ENCANA OIL & GAS (USA) INC.
Well	COSSLETT 41-22
Field	WATTENBERG
County	WELD
State	COLORADO
Location:	API #: 05-123-32705-0000
SHL: 1496' FNL & 1263' FEL BHL: 810' FNL & 660' FEL SEC. 22 TWP. 1N RGE: 68W	Other Services NONE
Permanent Datum Log Measured From Drilling Measured From	GROUNDLEVEL Elevation 5185' KELLY BUSHING = 13' KELLY BUSHING
	Elevation K.B. 5198' D.F. 5197' G.L. 5185'

Date	17 DECEMBER 2011
Run Number	ONE
Depth Driller	8587'
Depth Logger	8520'
Bottom Logged Interval	8520'
Top Log Interval	4150'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.3#
Max. Recorded Temp.	268 DEG F
Estimated Cement Top	4290'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	19701W
Location	AULT, COLORADO
Recorded By	V.FULLER
Witnessed By	T.MAJORS
Borehole Record	
Run Number	Bit From To Size Weight From To
ONE	12.25" 0' 1015'
TWO	7.875" 1015' 8610'
Tubing Record	
Casing Record	Size Wgt/Ft Top Bottom
Surface String	8.625" 24# 0' 1004'
Prot. String	
Production String	4.5" 11.6# 0' 8587'
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 7635' - 7657'

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



TOP PASS

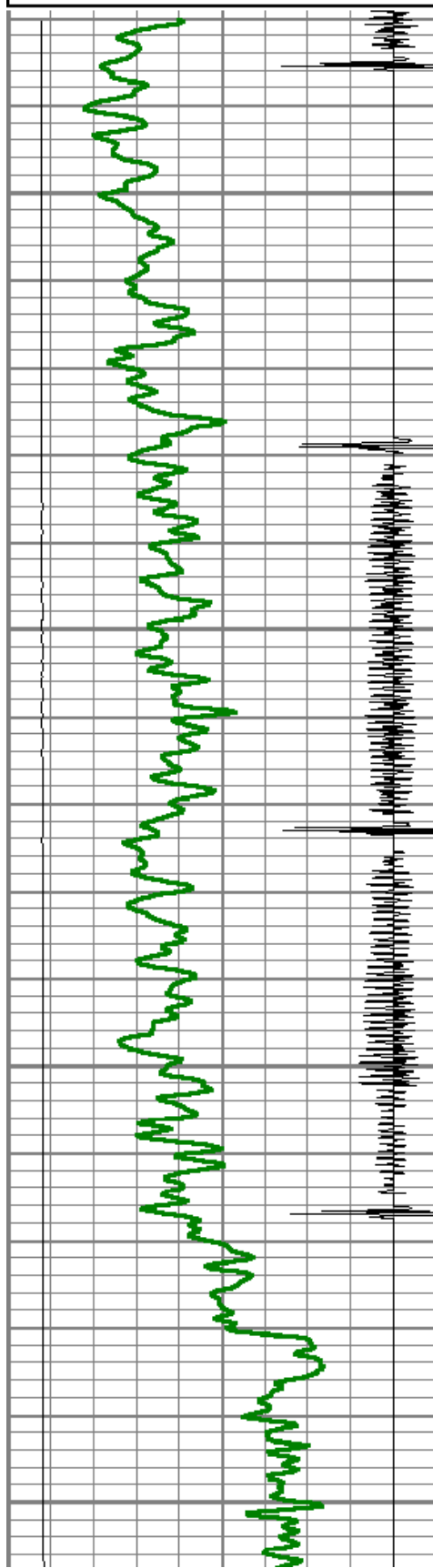
5" = 100'

Mesa Wireline

Database File: cossett 41-22.db
 Dataset Pathname: pass18
 Presentation Format: dcbl_prb
 Dataset Creation: Sat Dec 17 17:40:58 2011 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	200	Variable Density	1200
0	Amplitude (mV)	100			
0	TT3 (usec)	280			

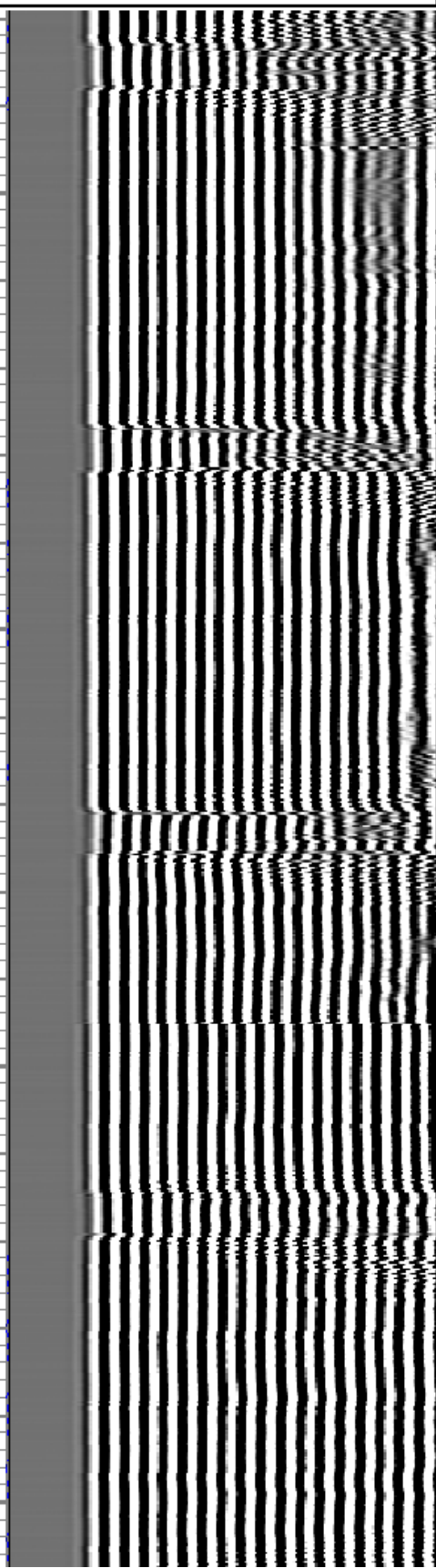
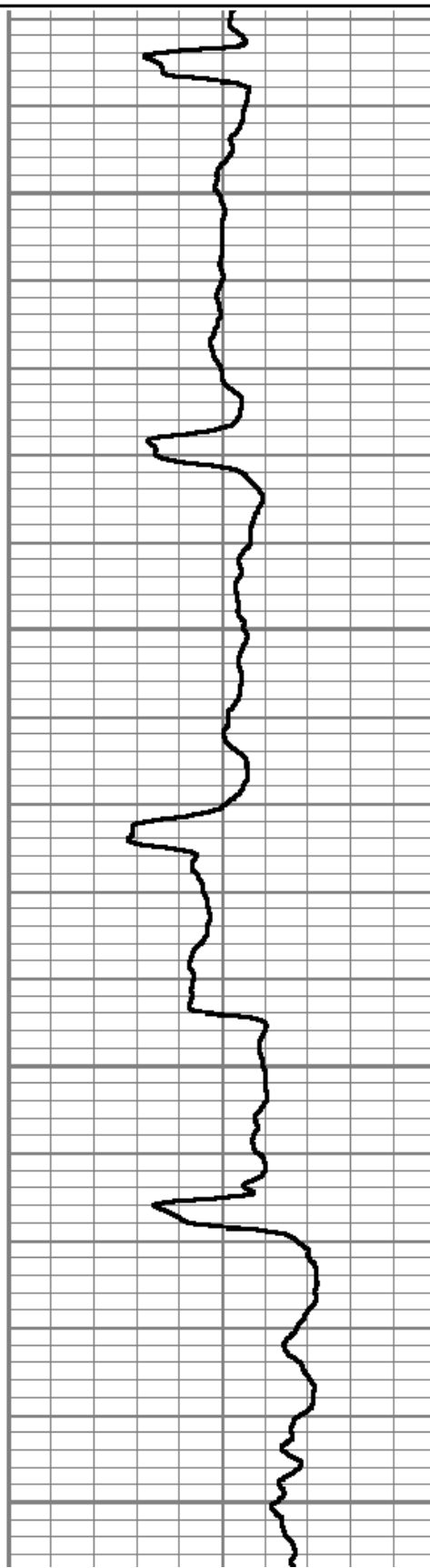


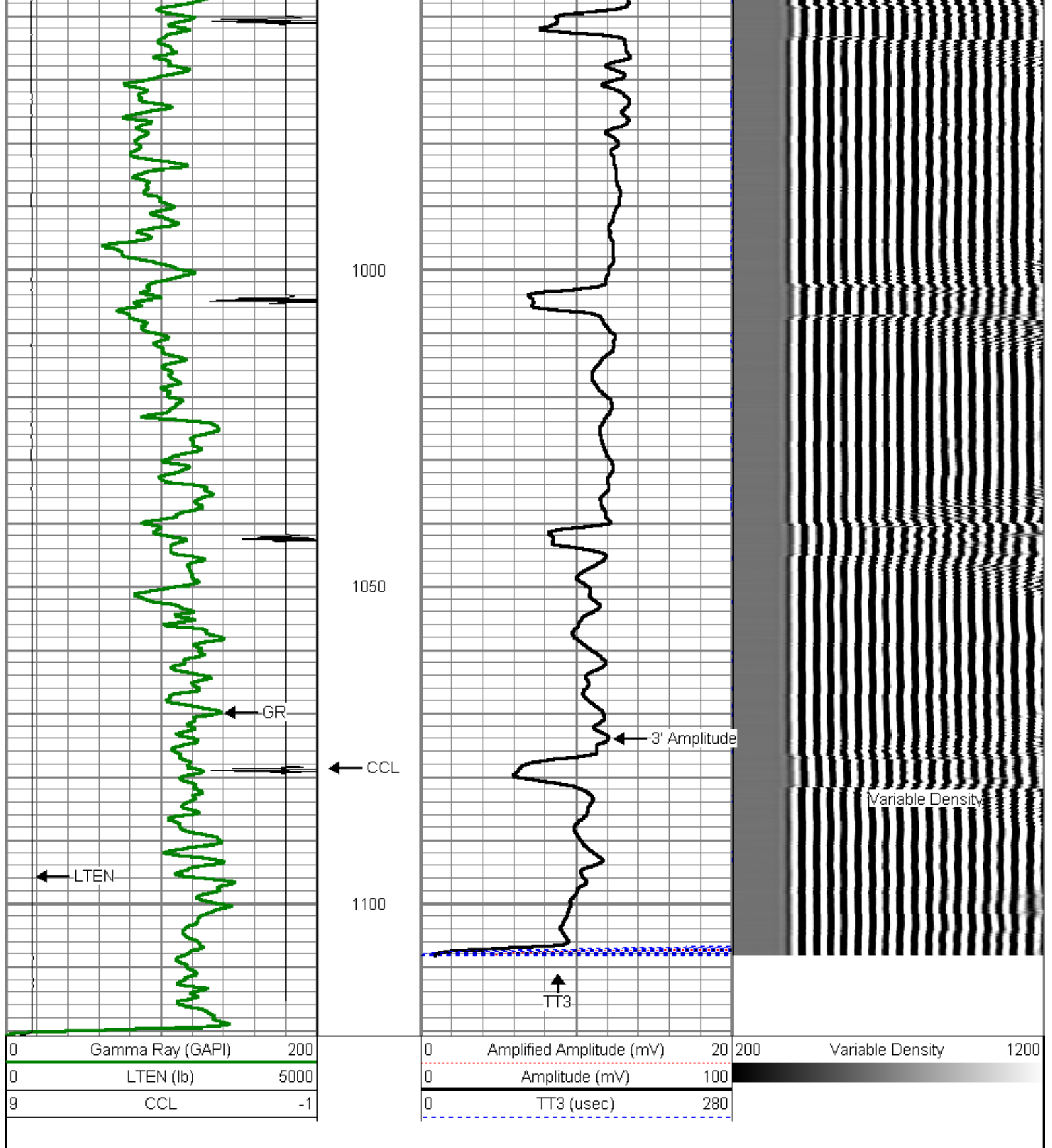
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850

900

950



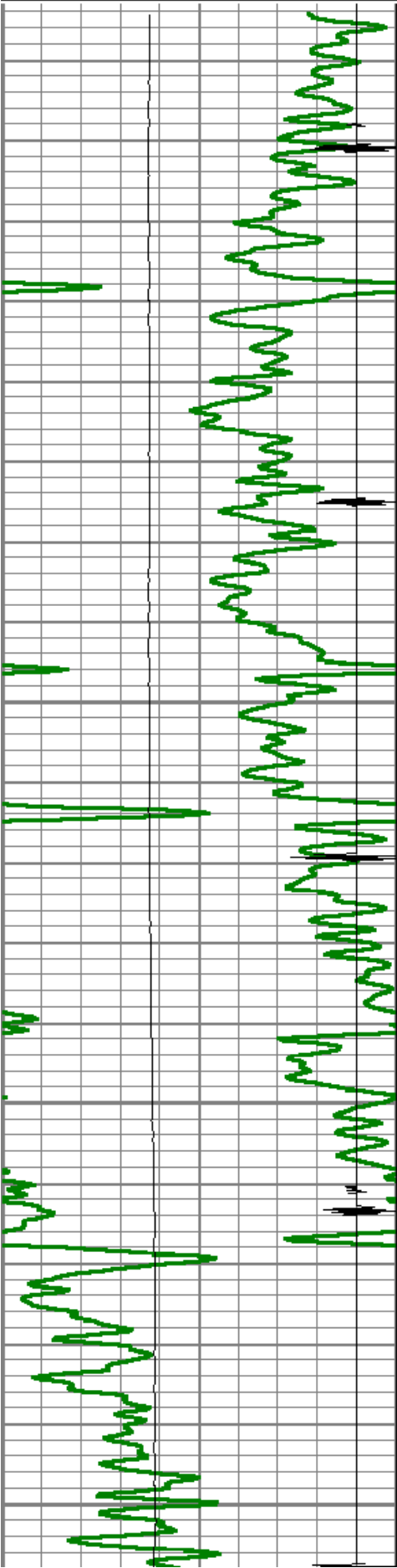


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 Dataset Pathname: pass15
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0	Amplitude (mV)	100
0	TT3 (usec)	280

200	Variable Density	1200
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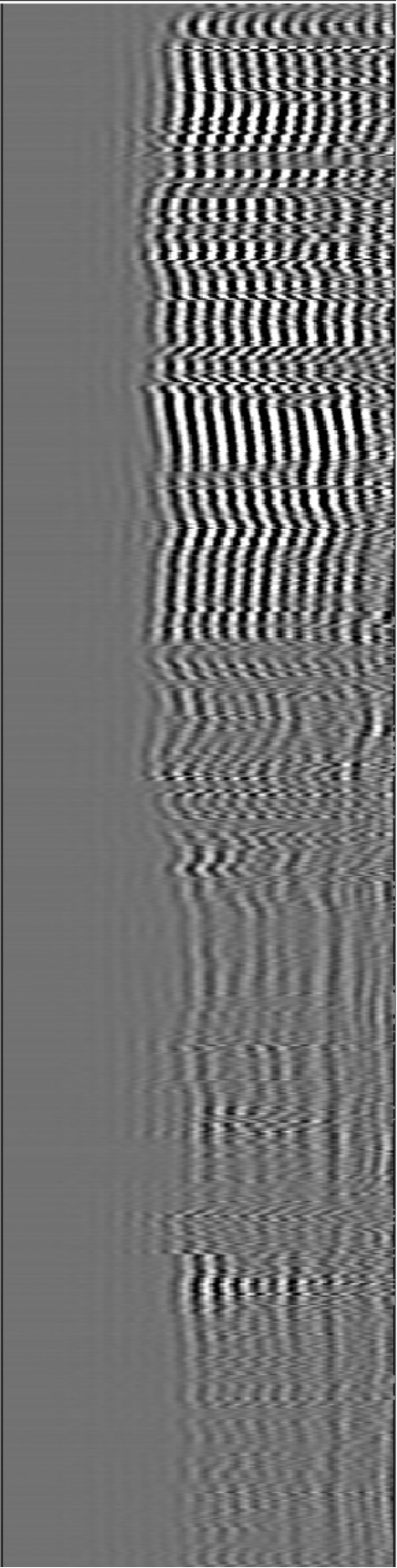
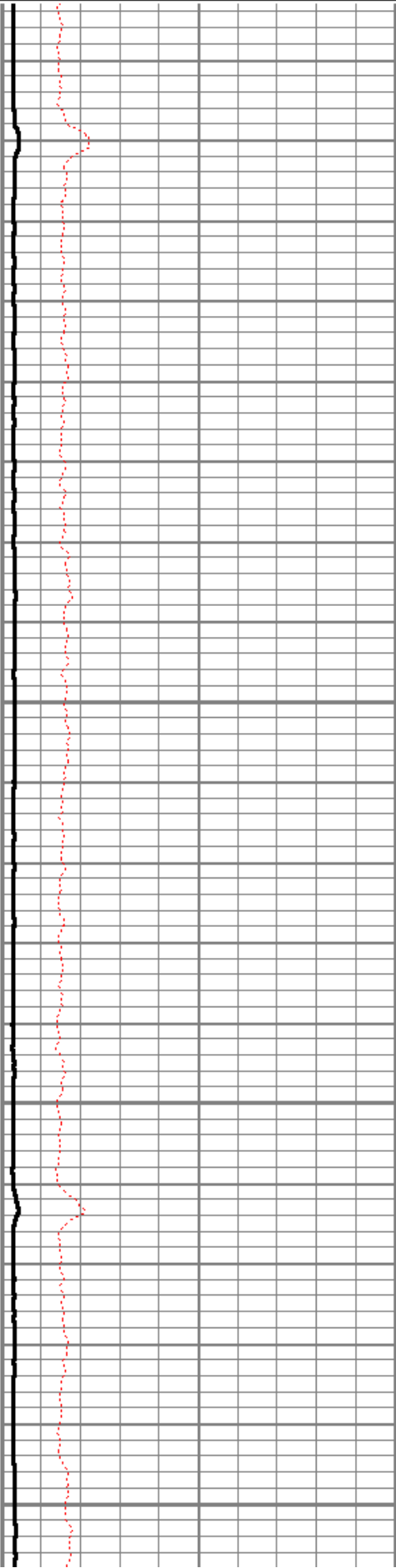


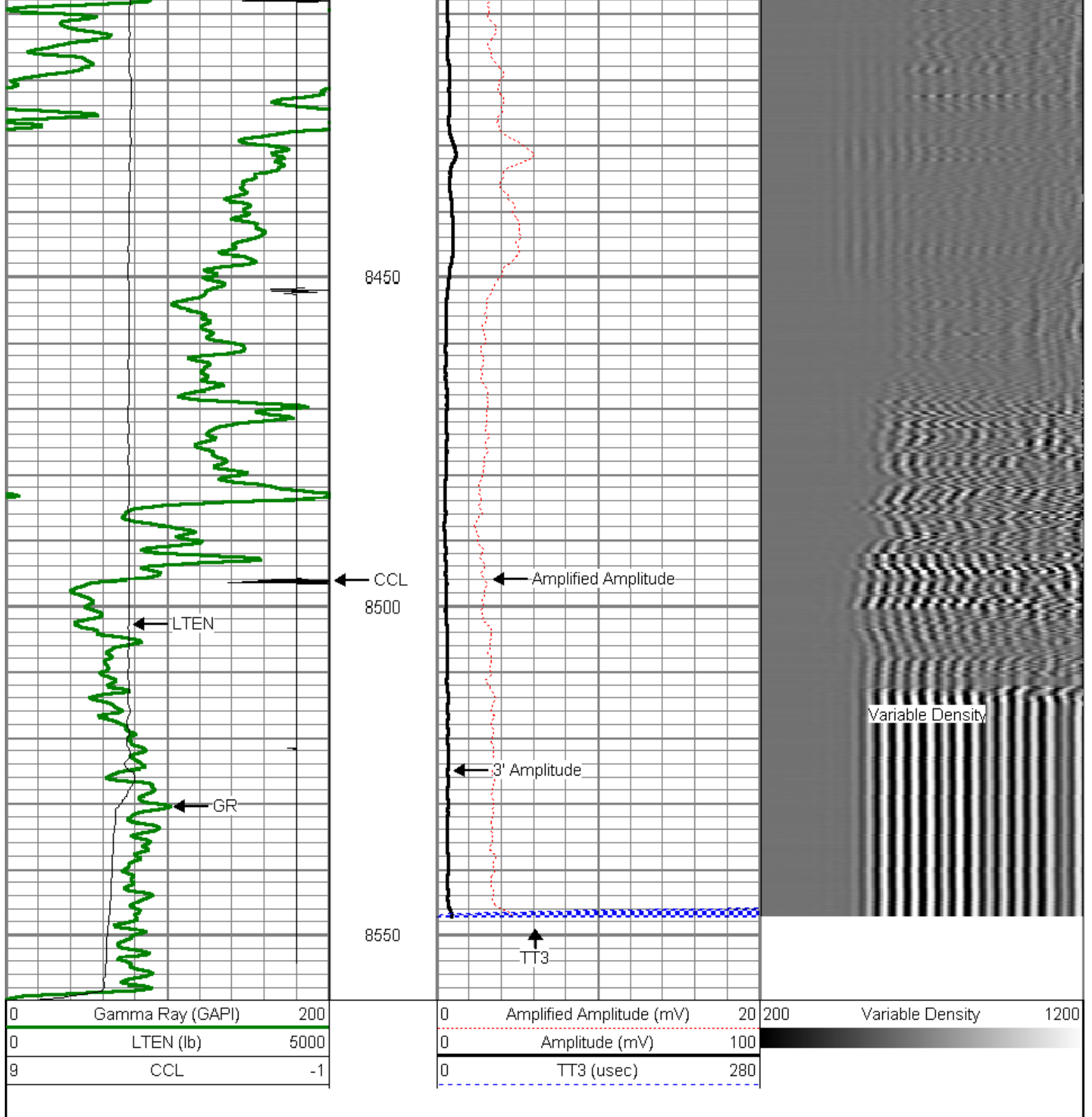
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MAIN PASS

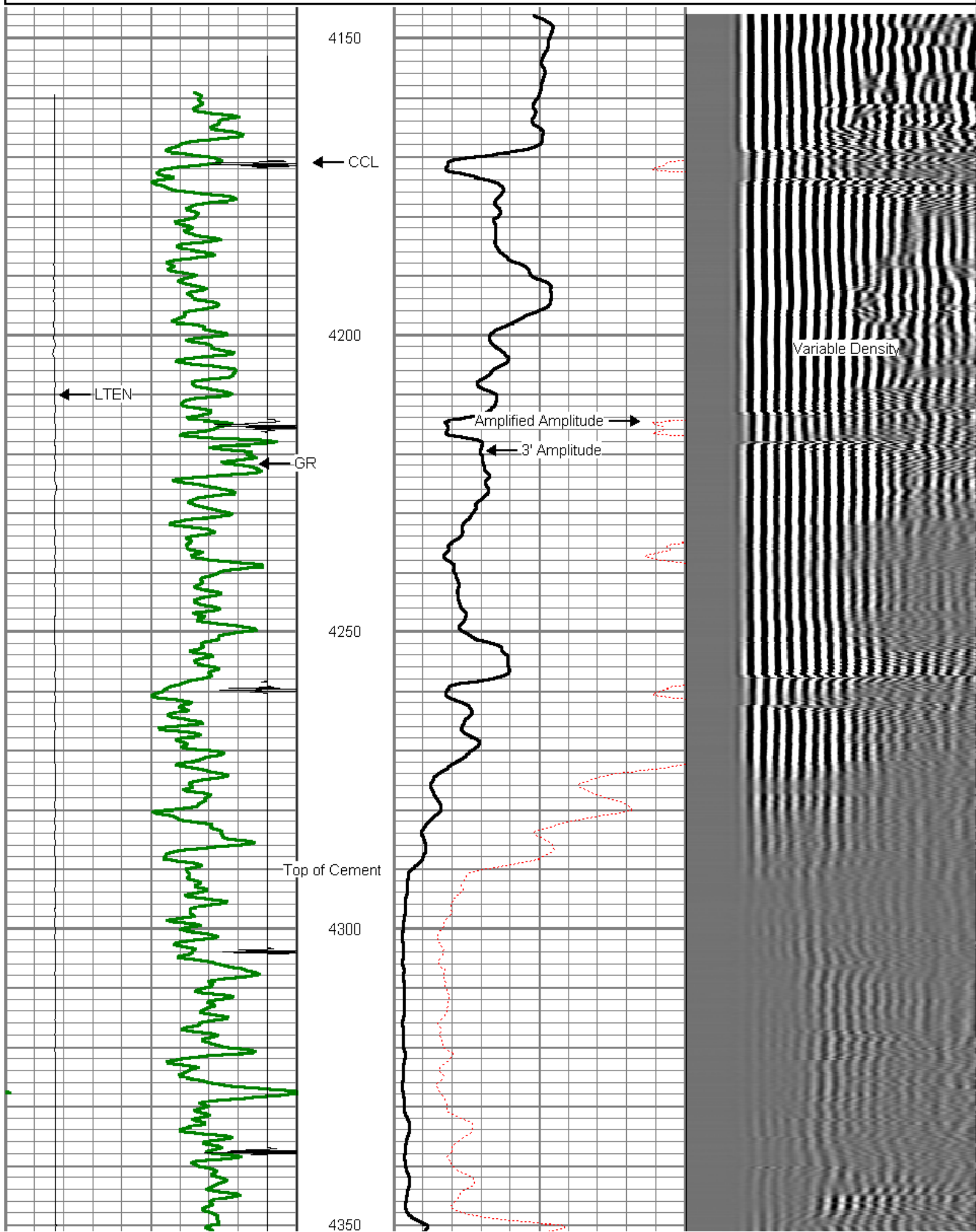
5" = 100'

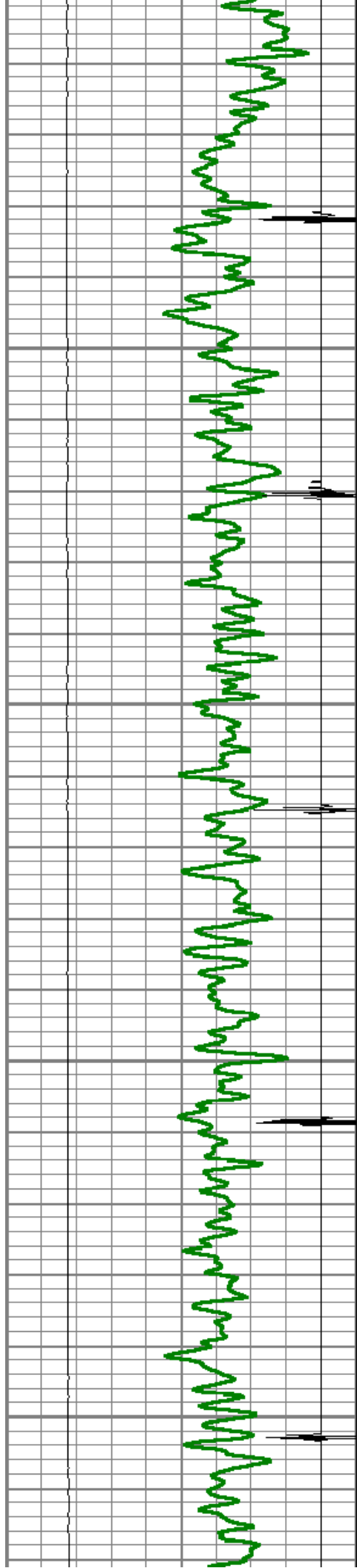
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 Dataset Pathname: pass17.1
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 Dataset Creation: Sat Dec 17 17:57:48 2011
 Charted by: Depth in Feet scaled 1:240



0	LTEN (lb)	5000
9	CCL	-1

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



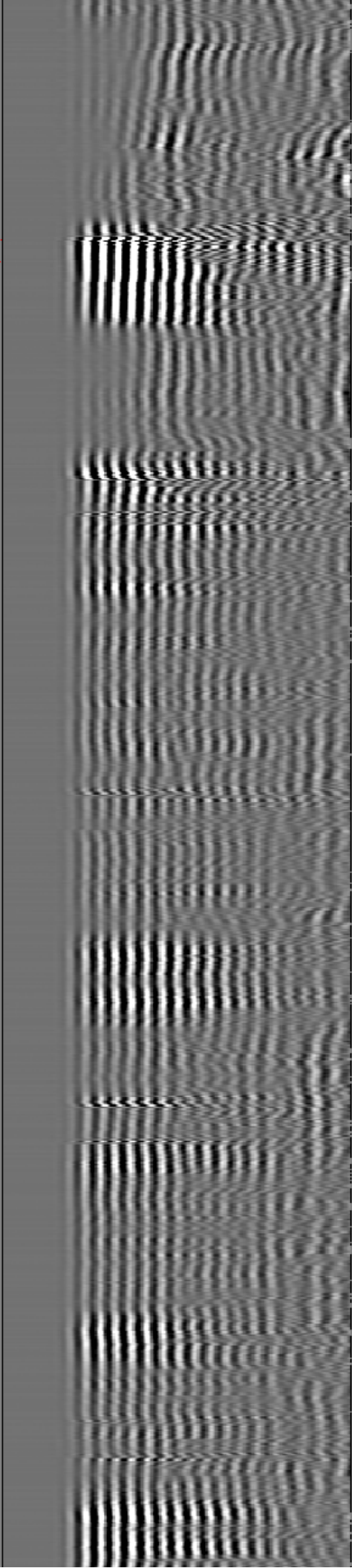
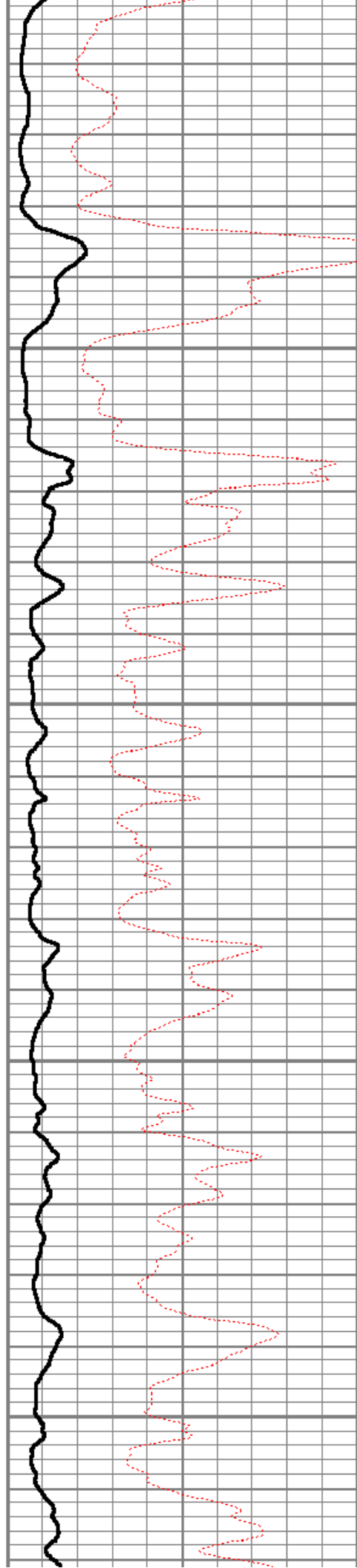


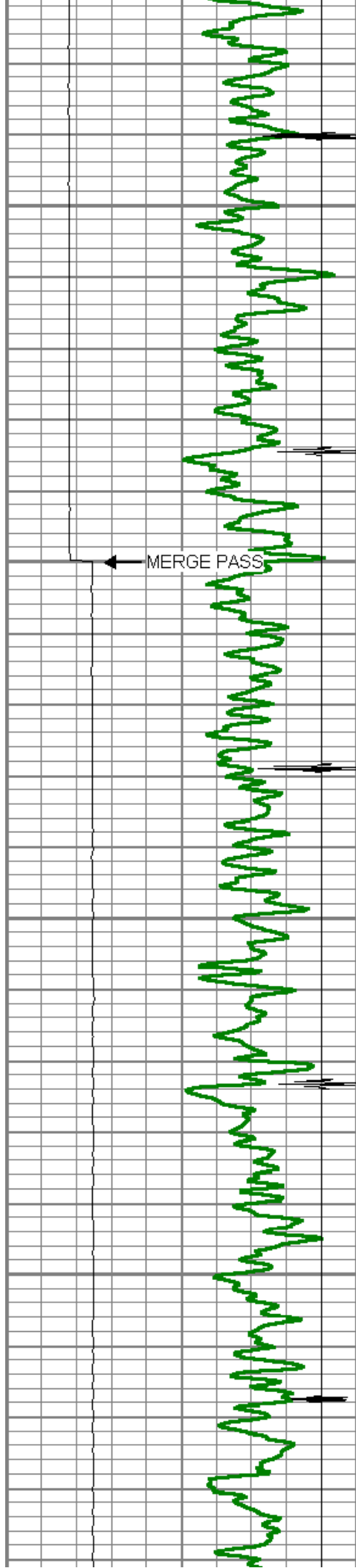
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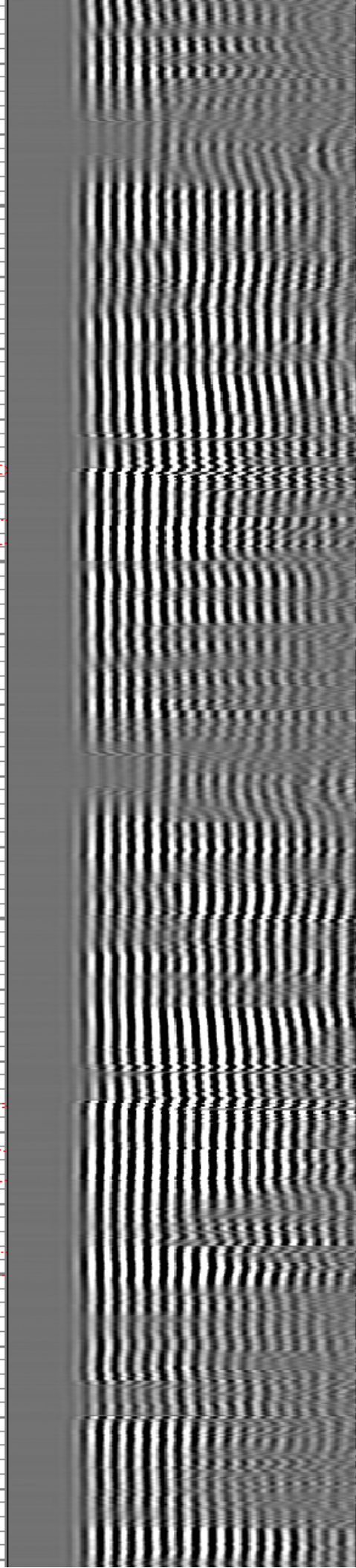
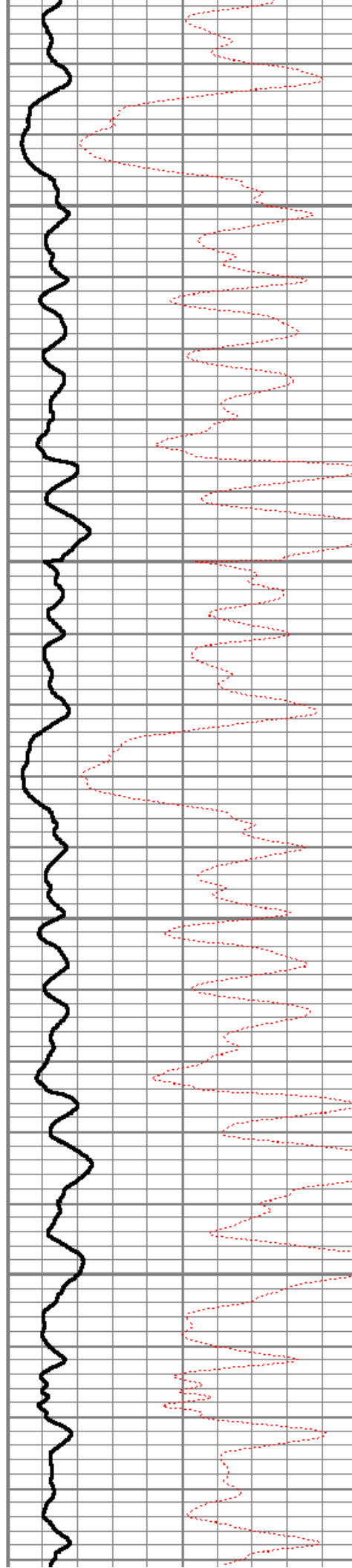


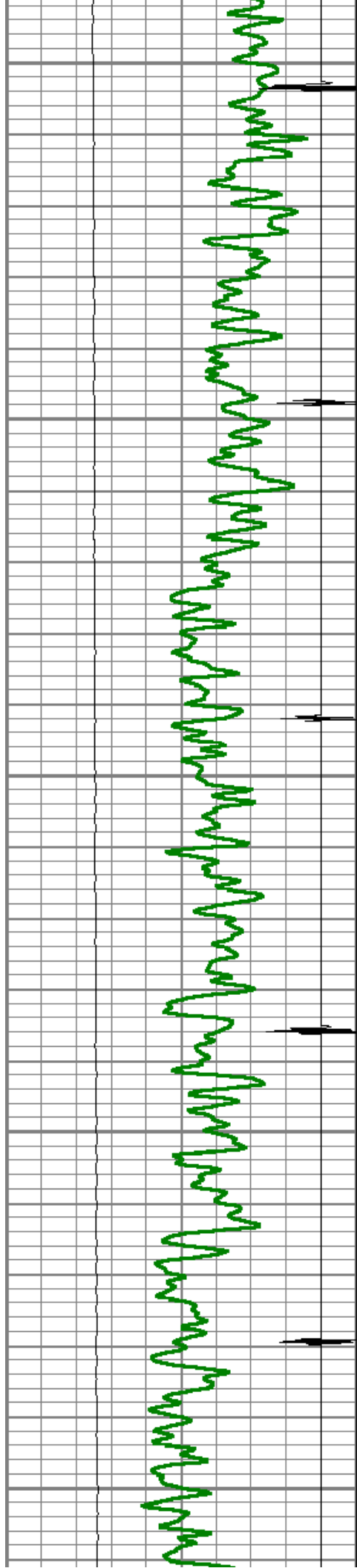
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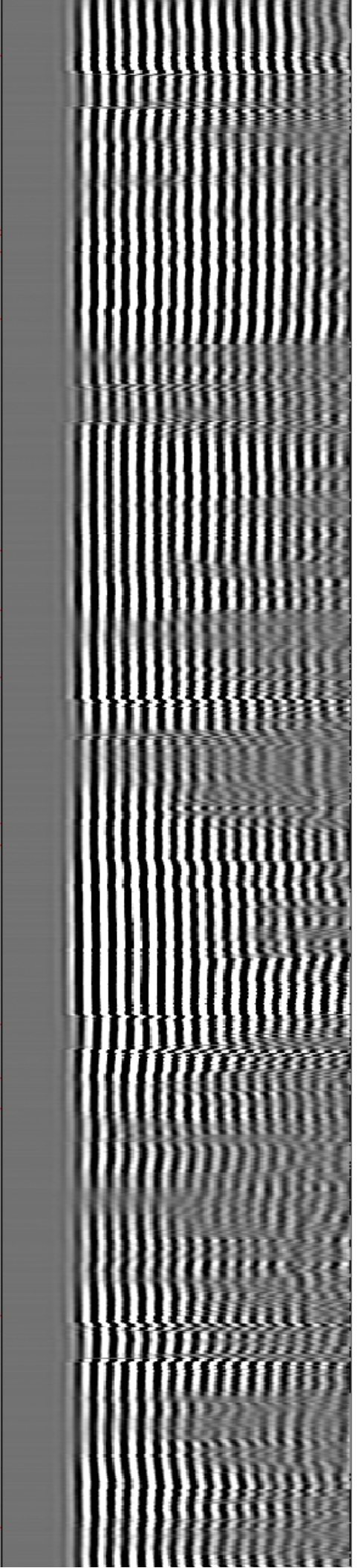
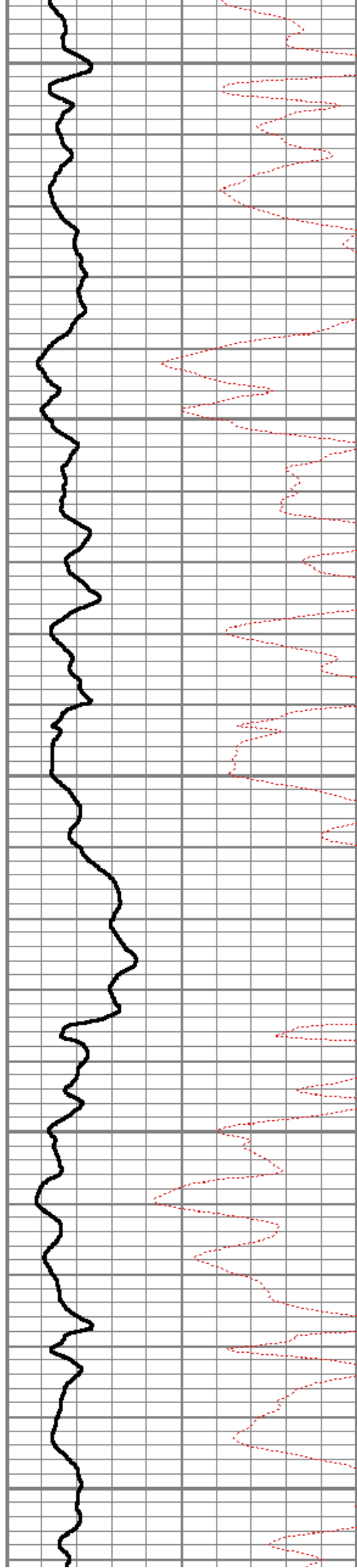
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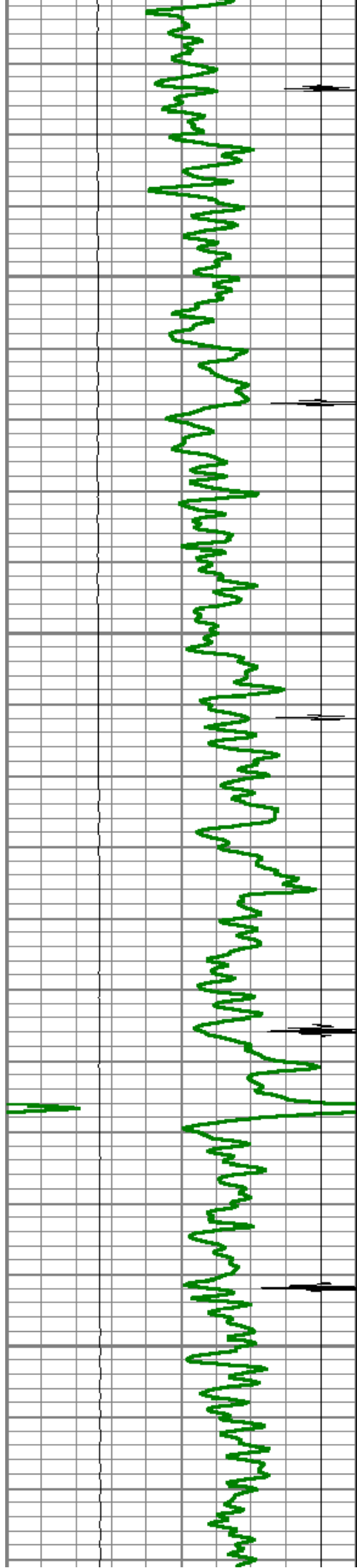
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5000



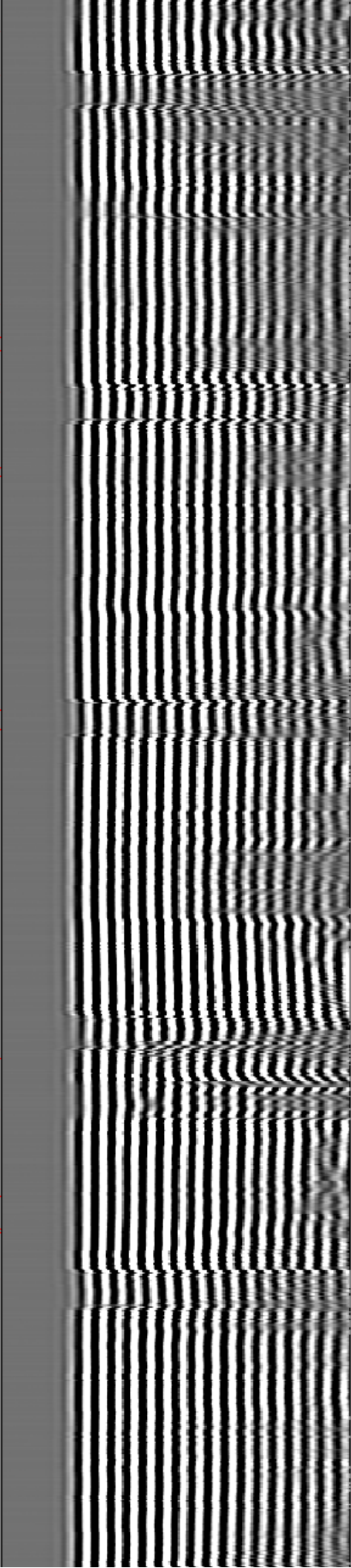
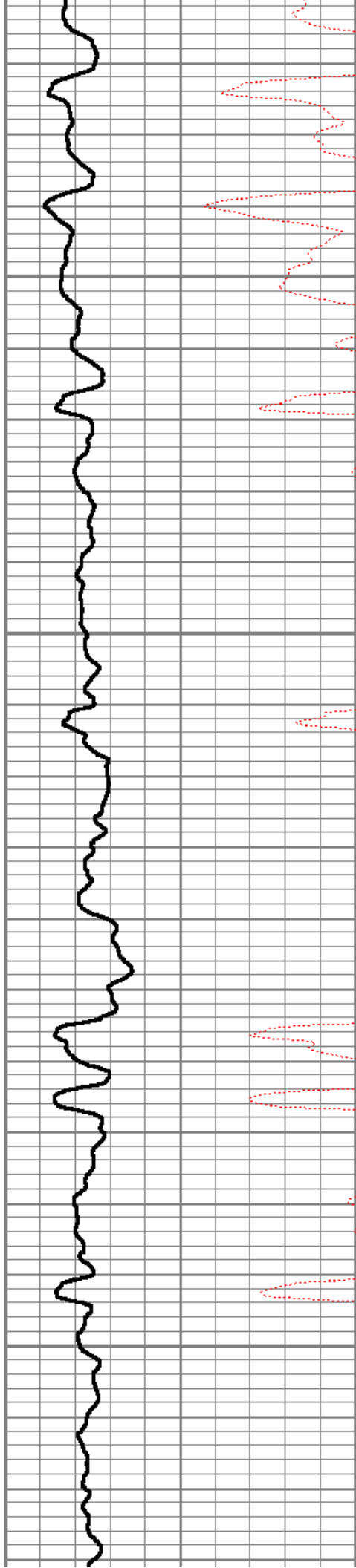


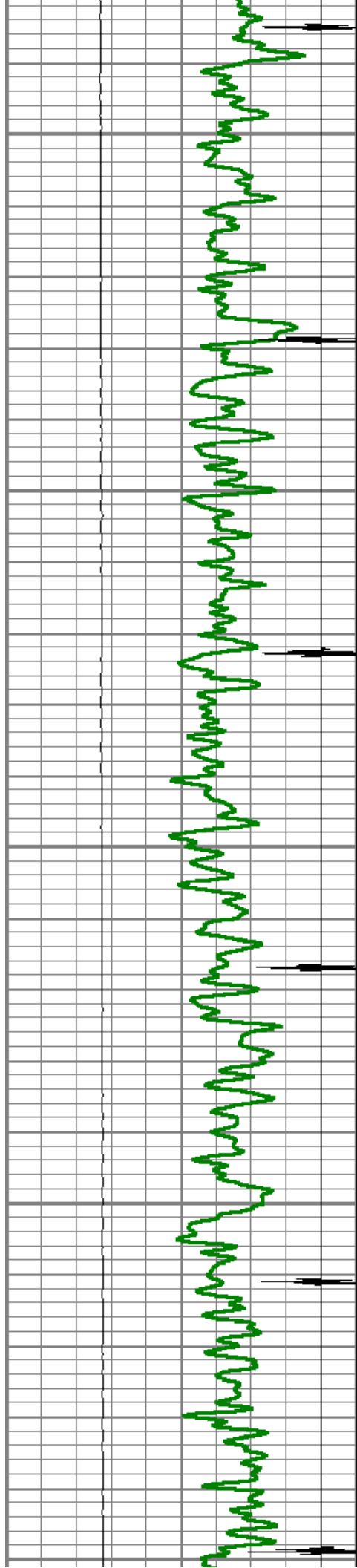
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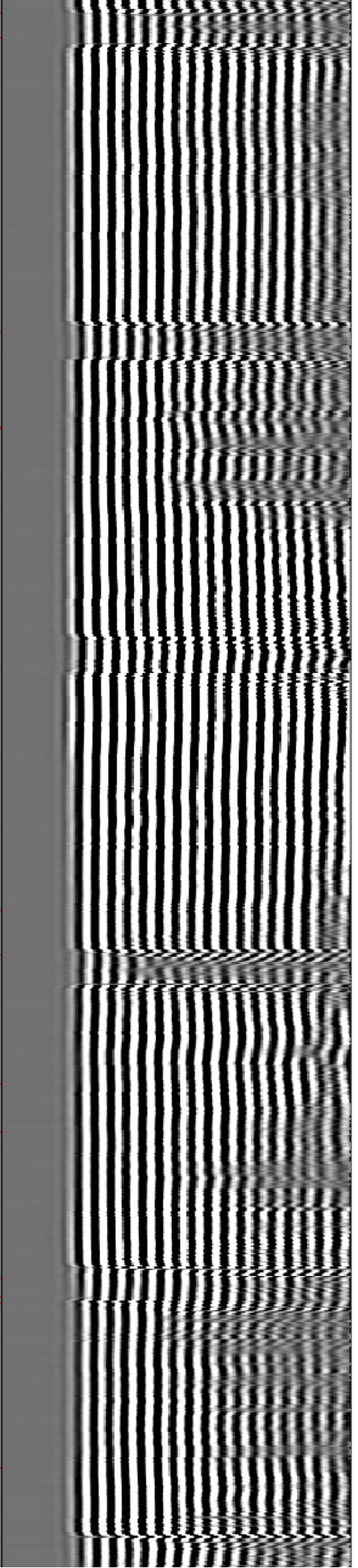
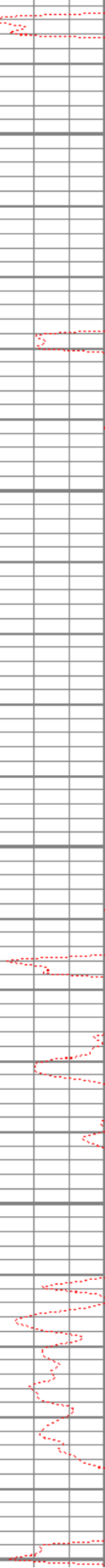
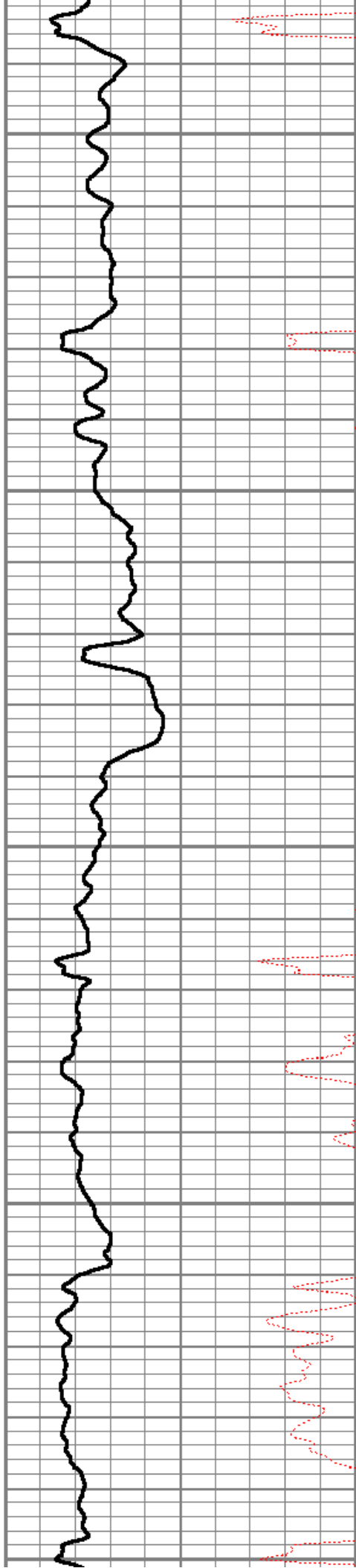
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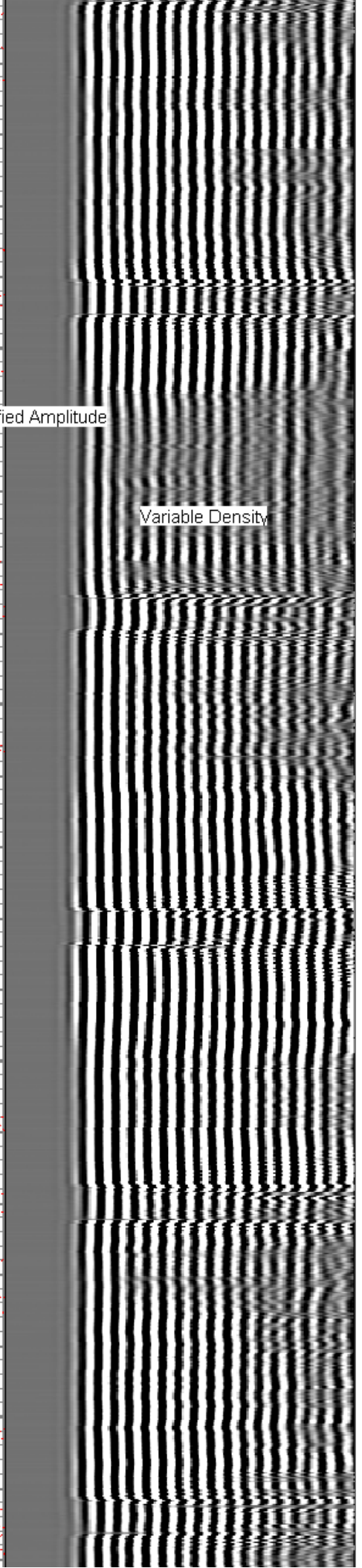
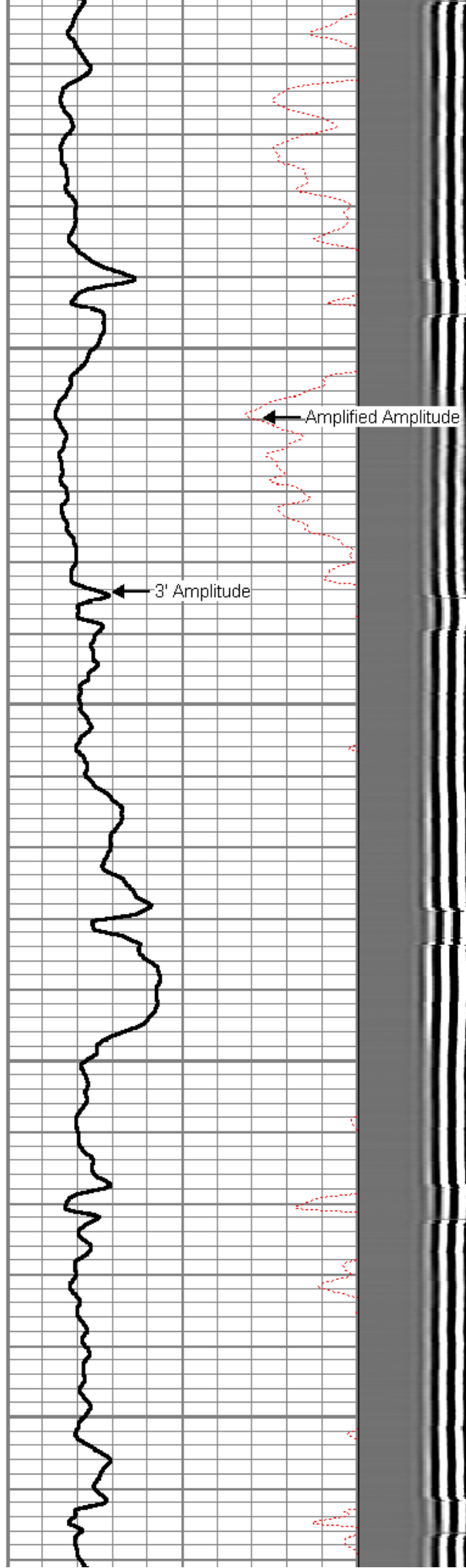
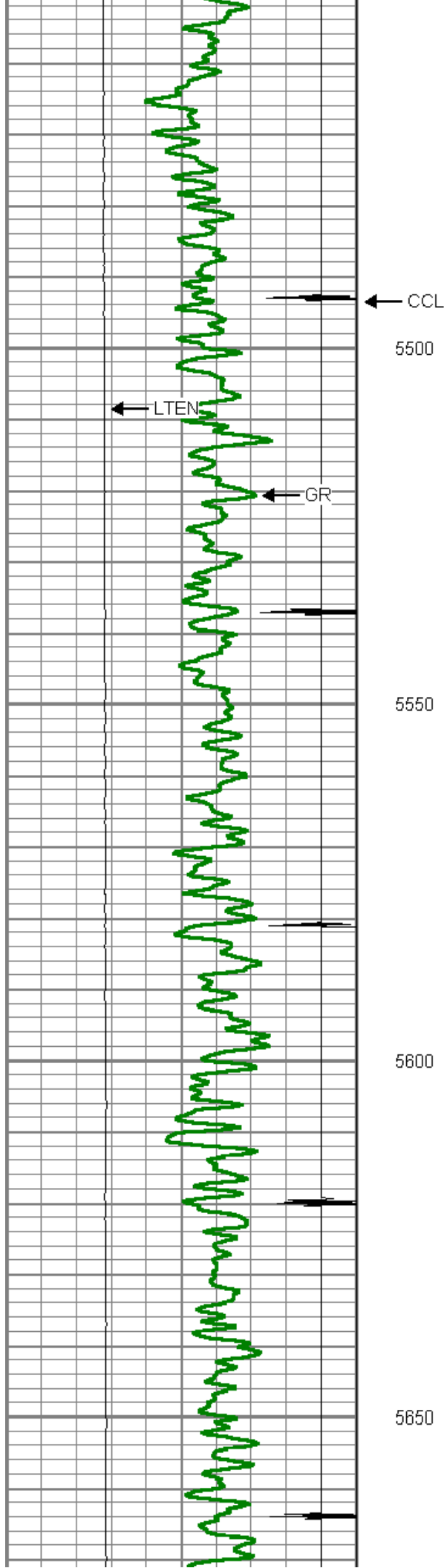
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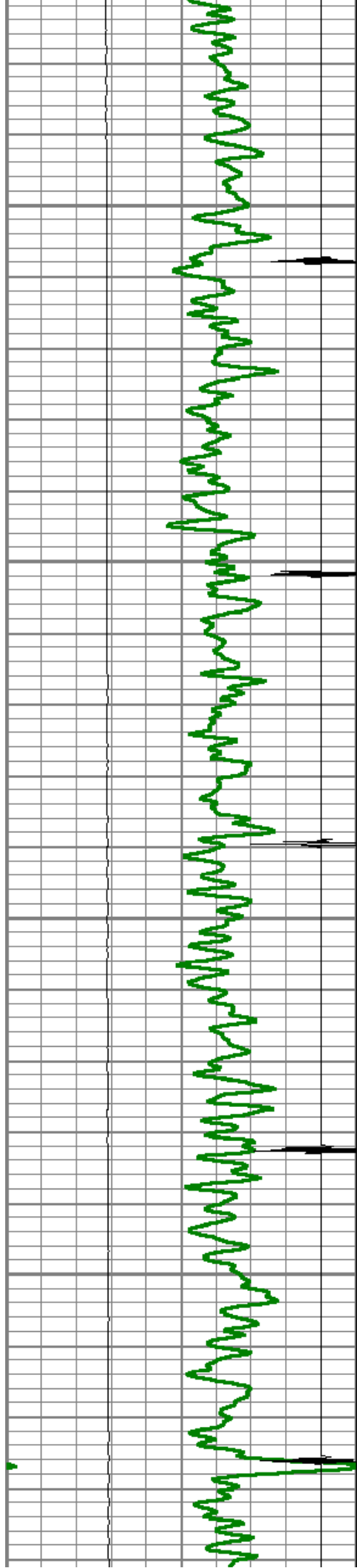
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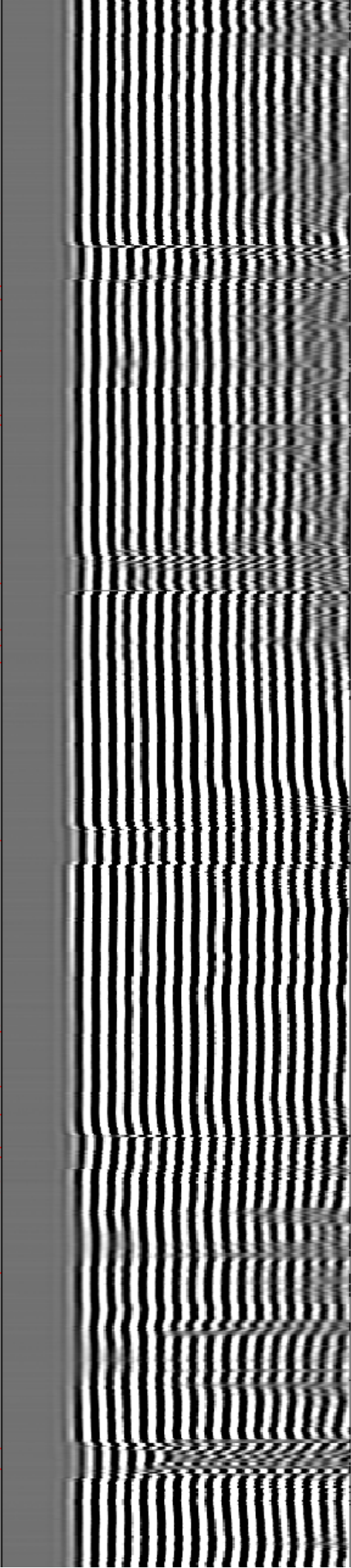
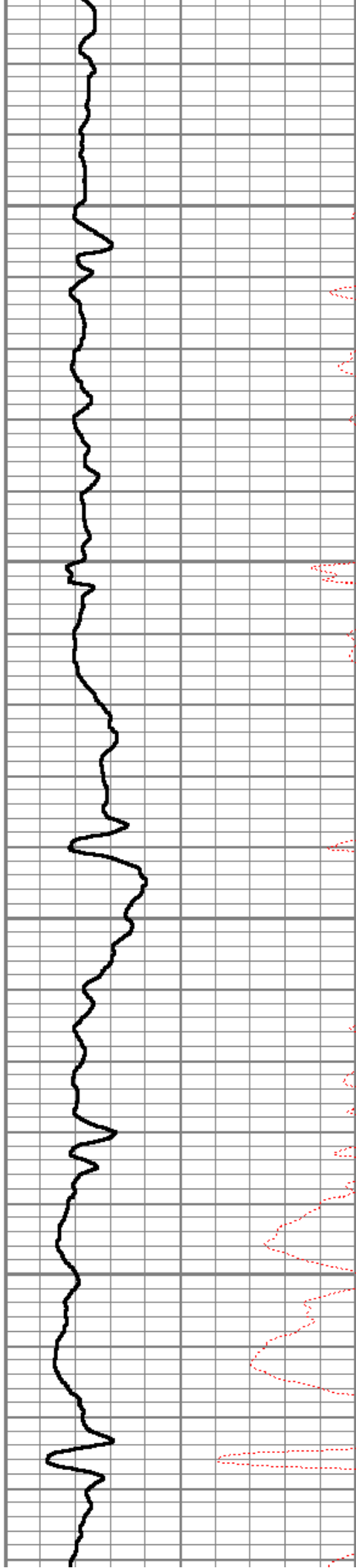


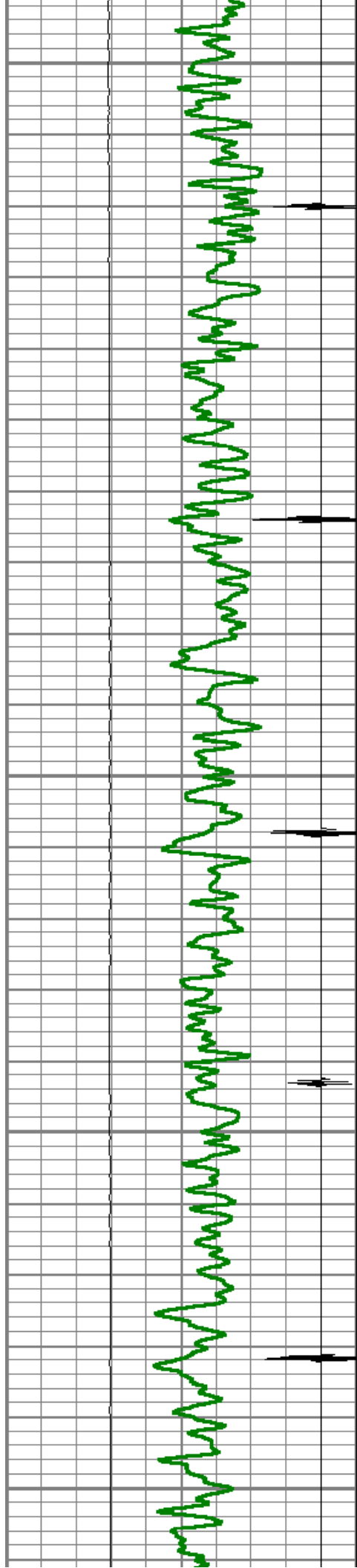
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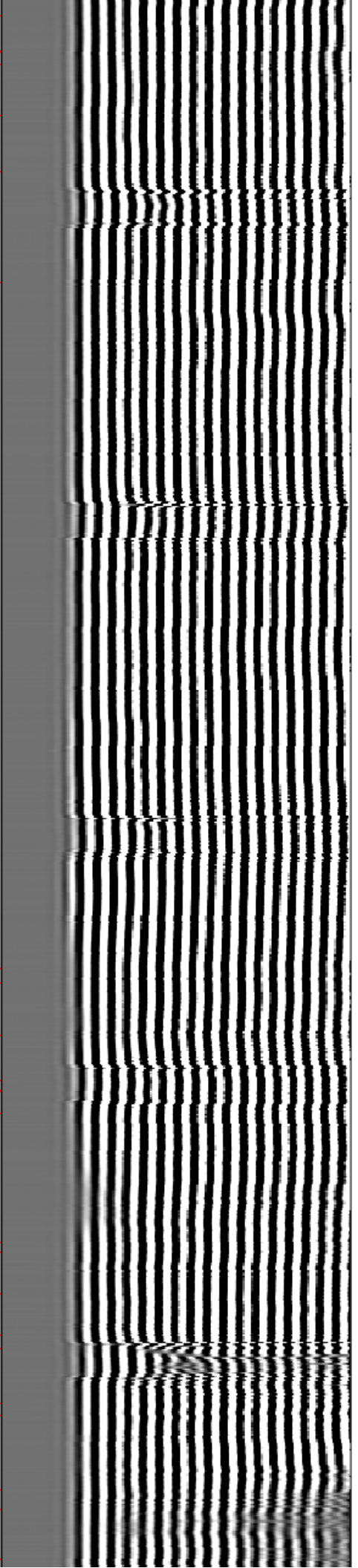
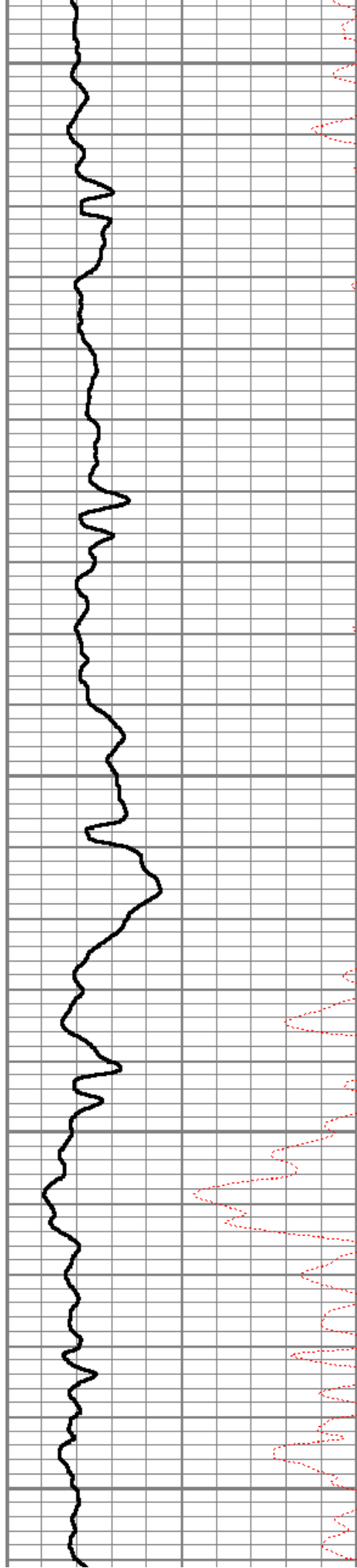
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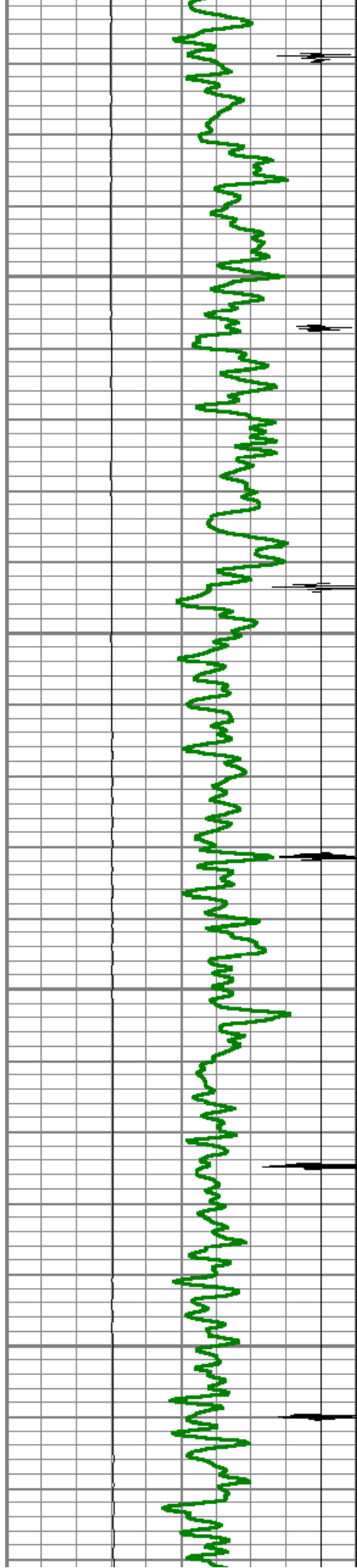
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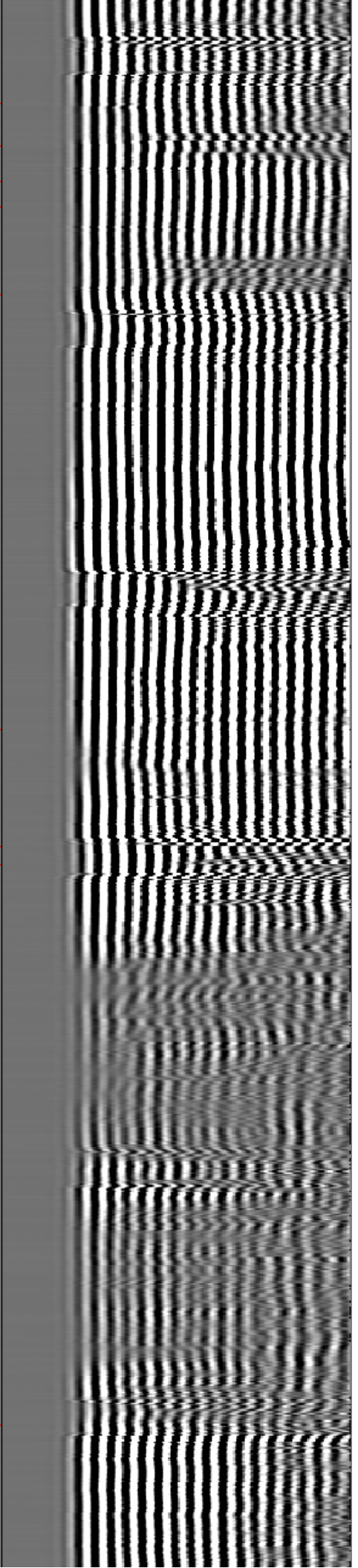
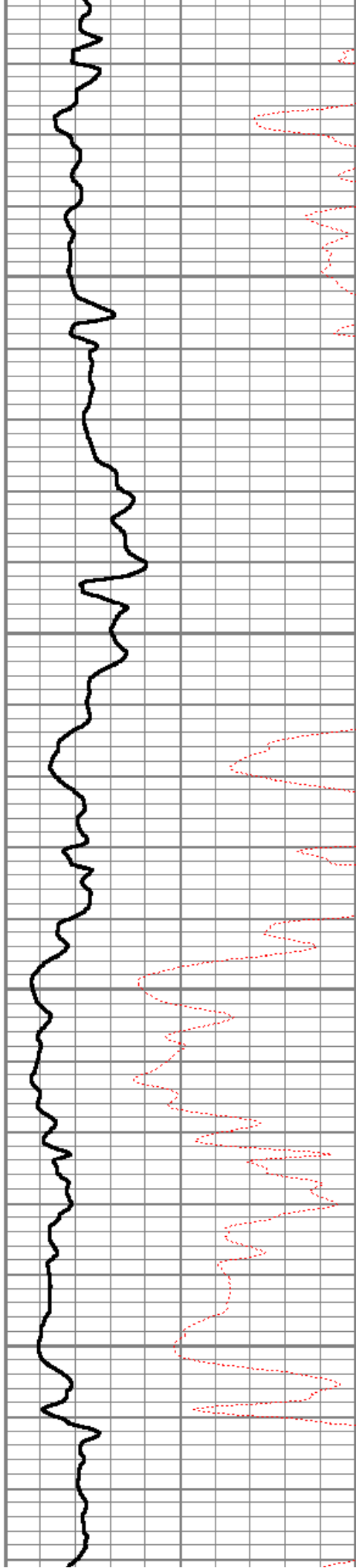


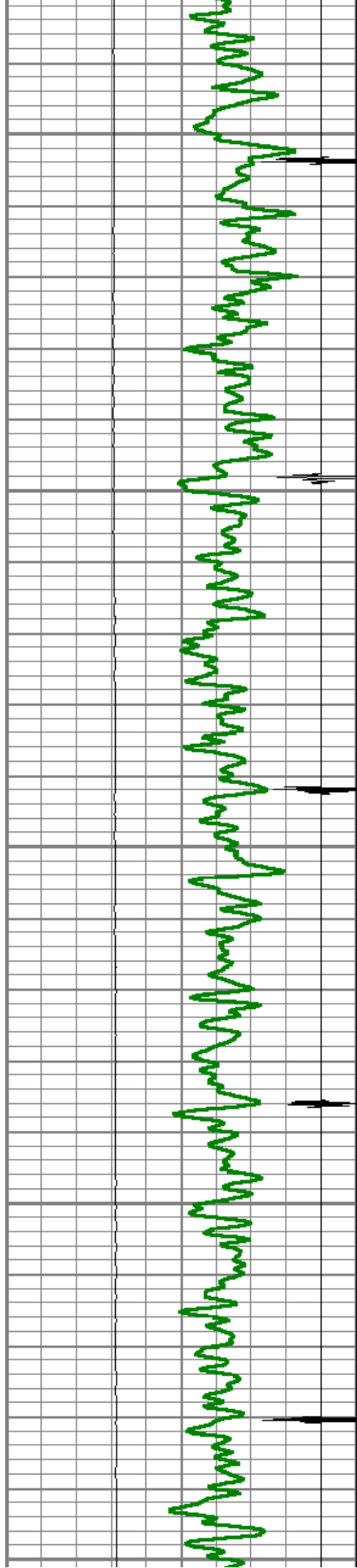
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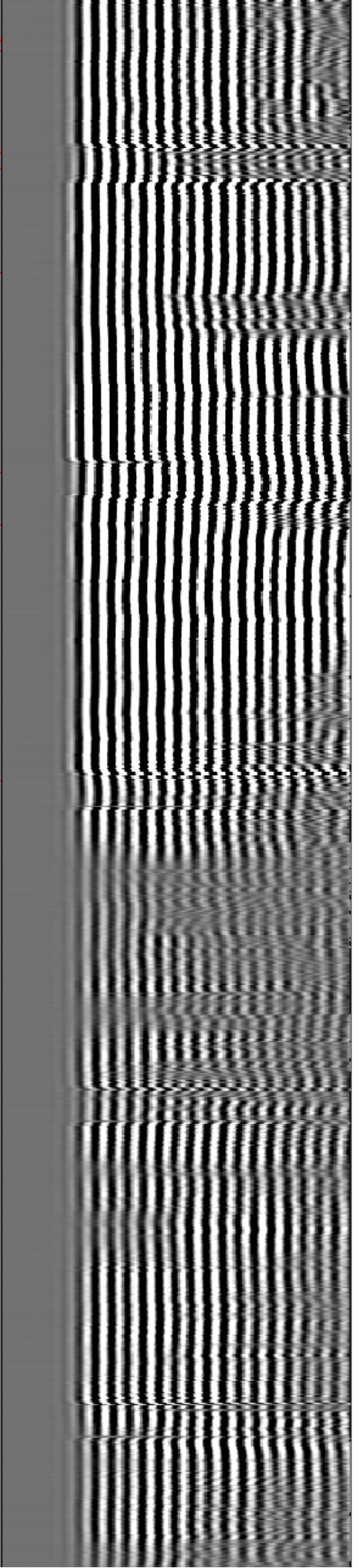
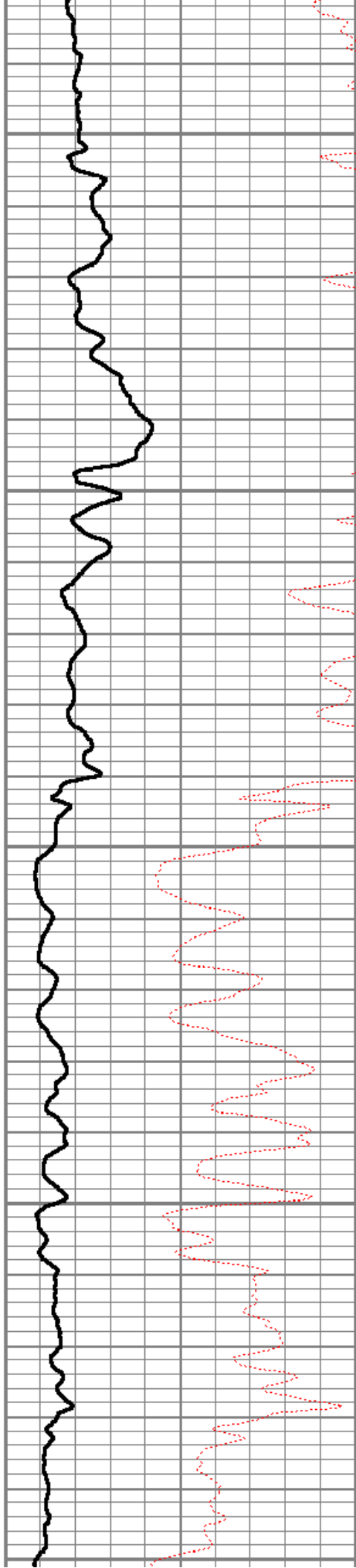
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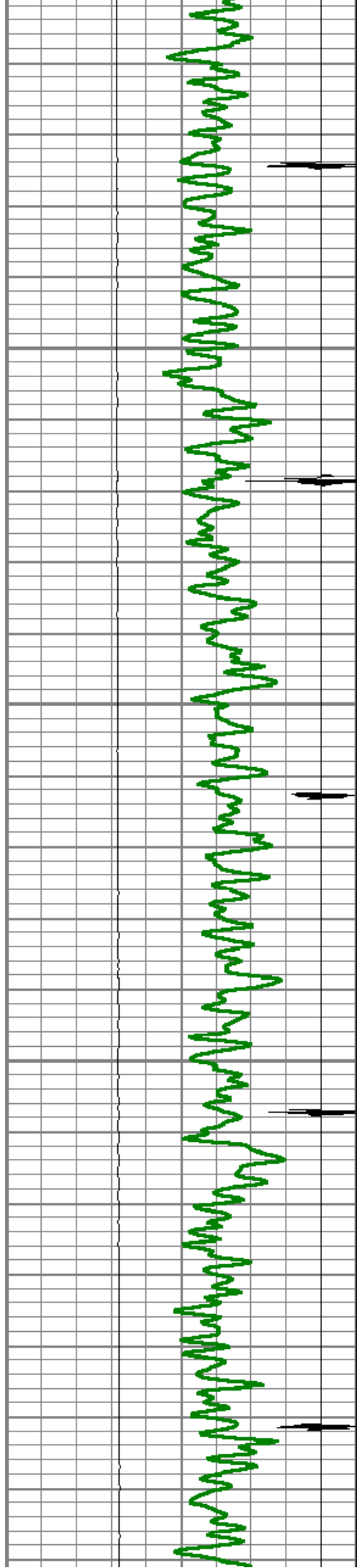
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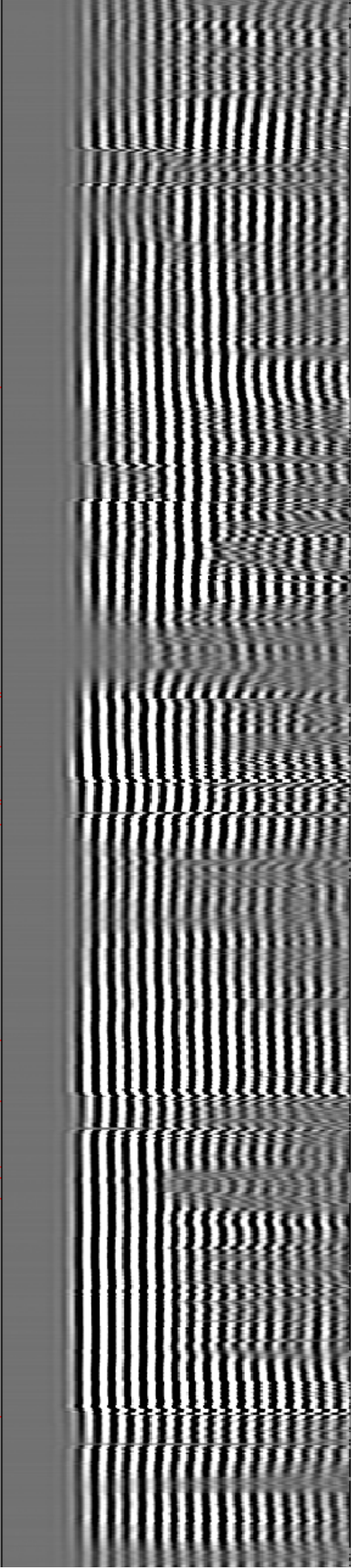
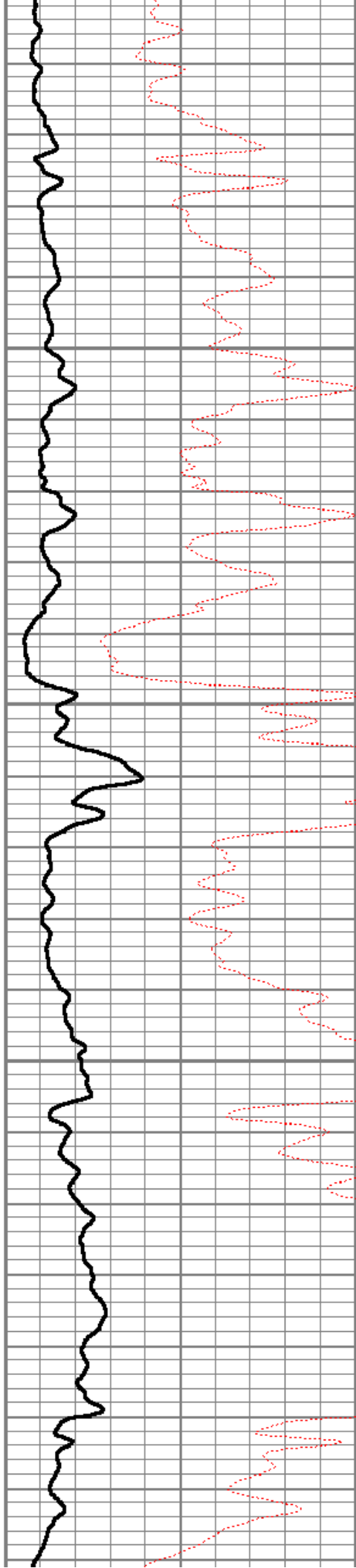


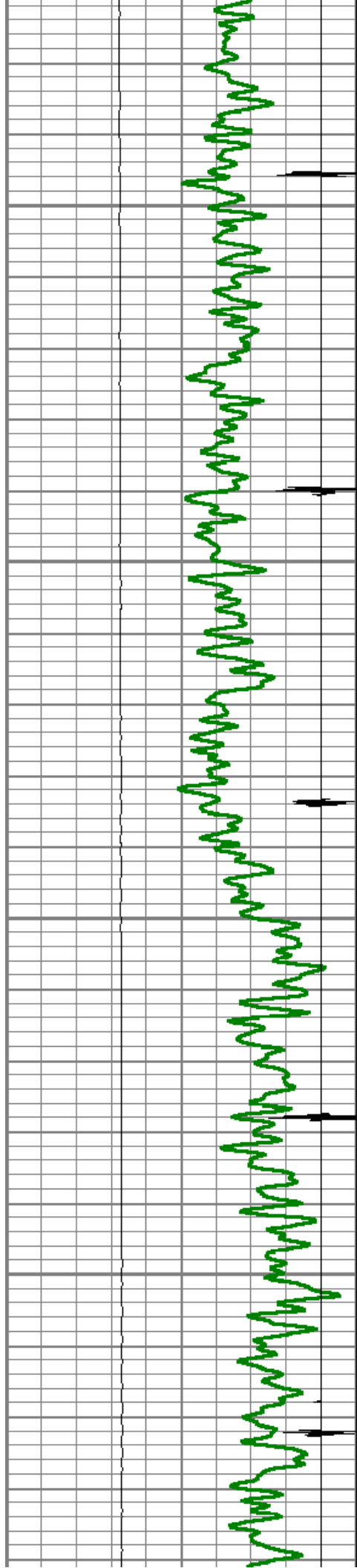
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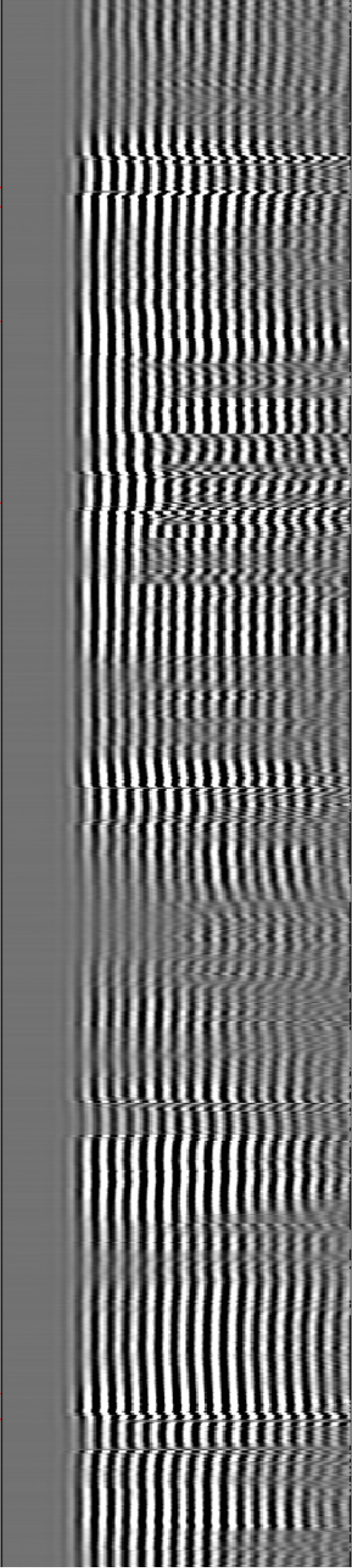
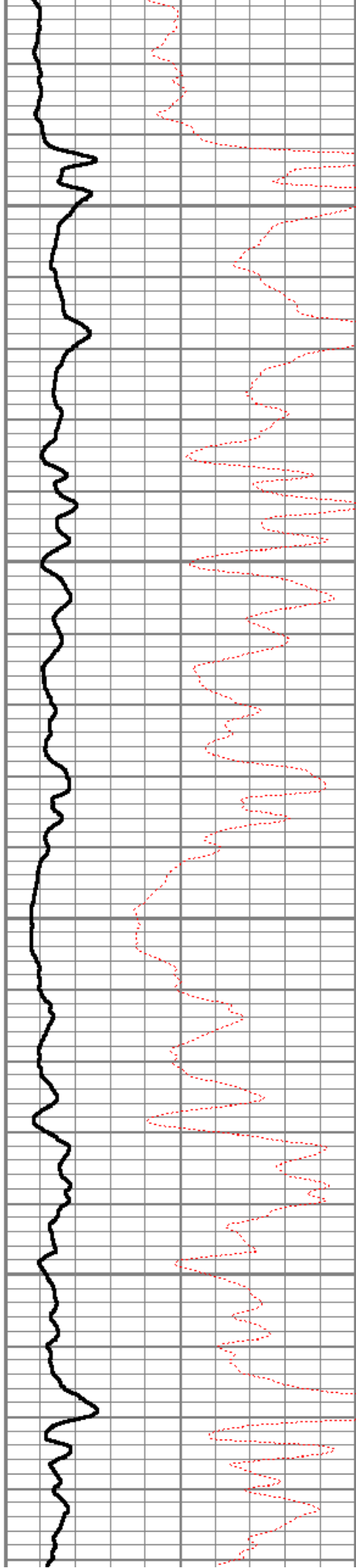


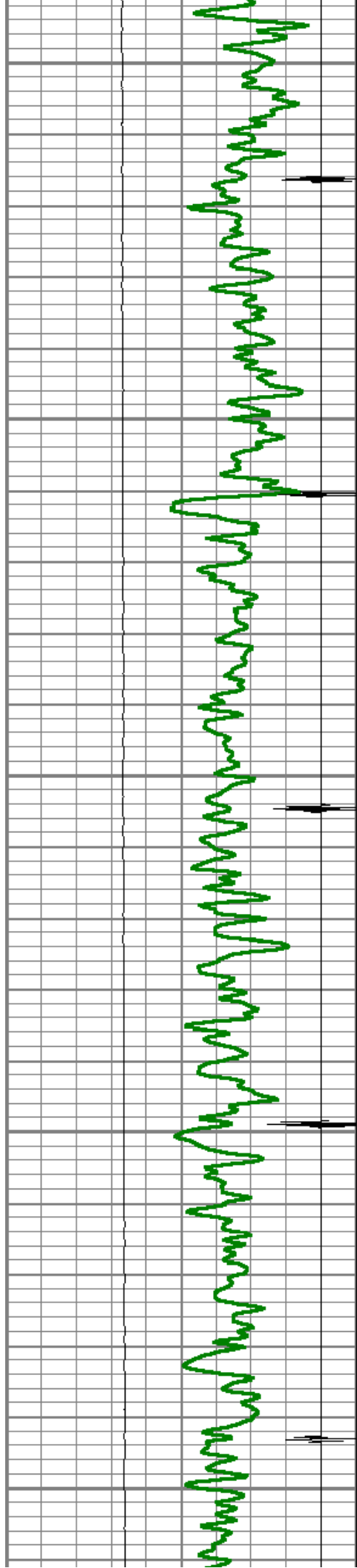
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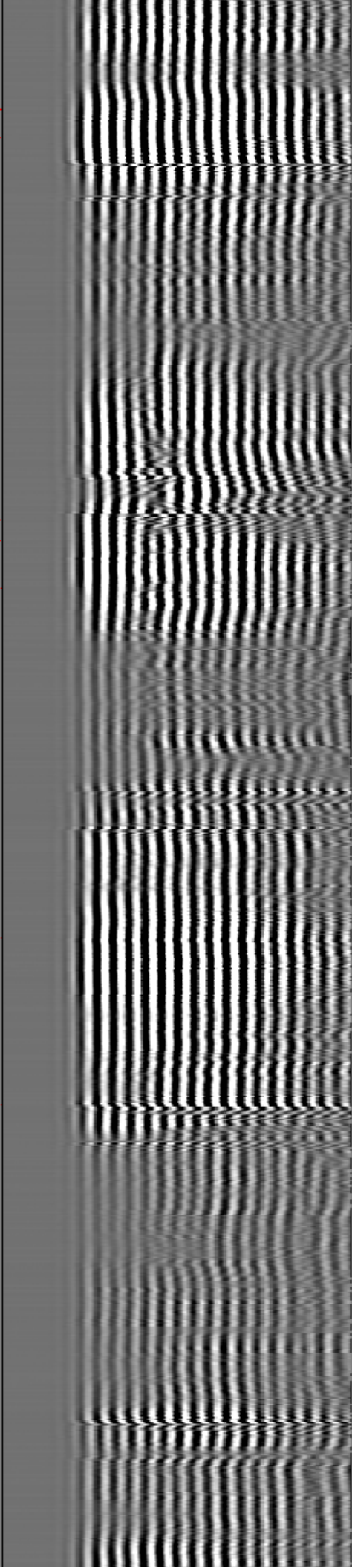
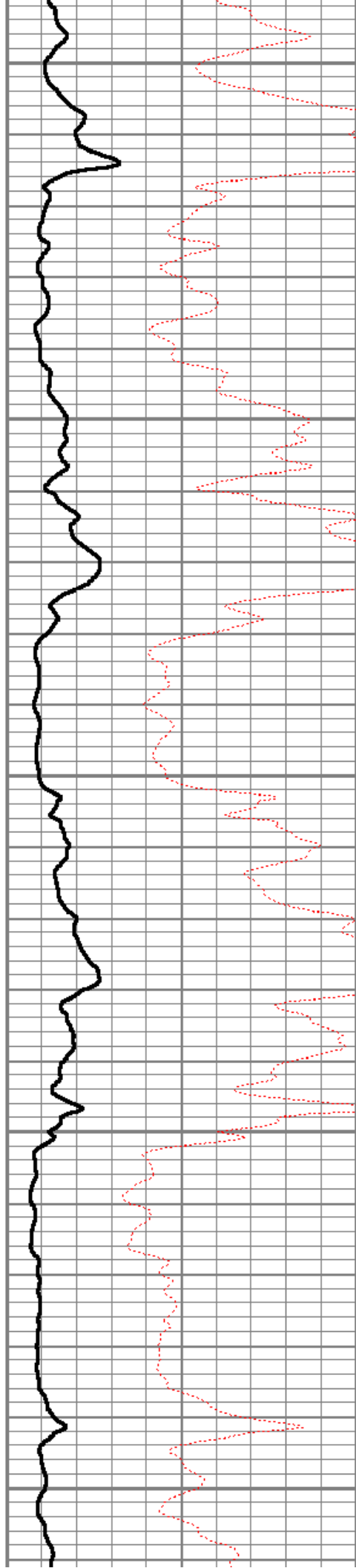
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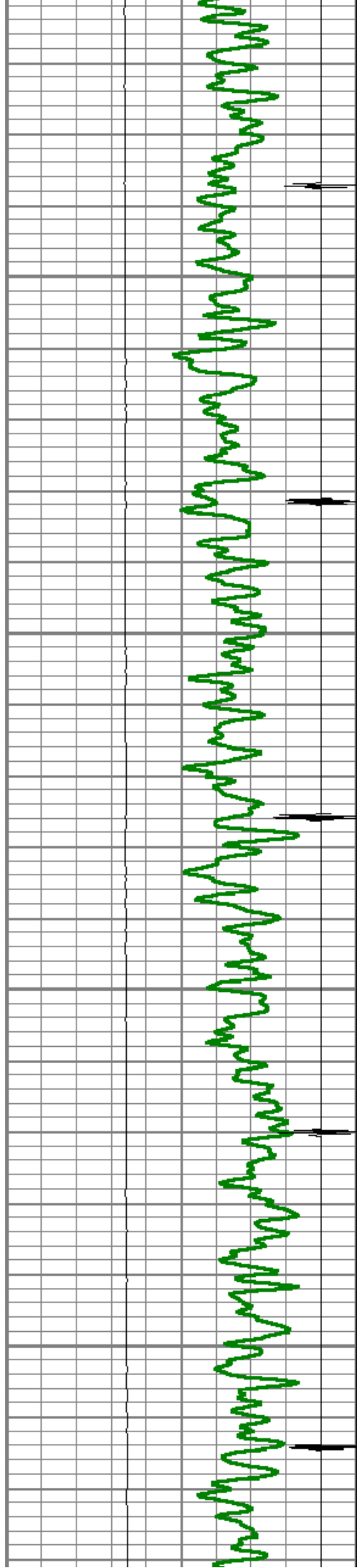
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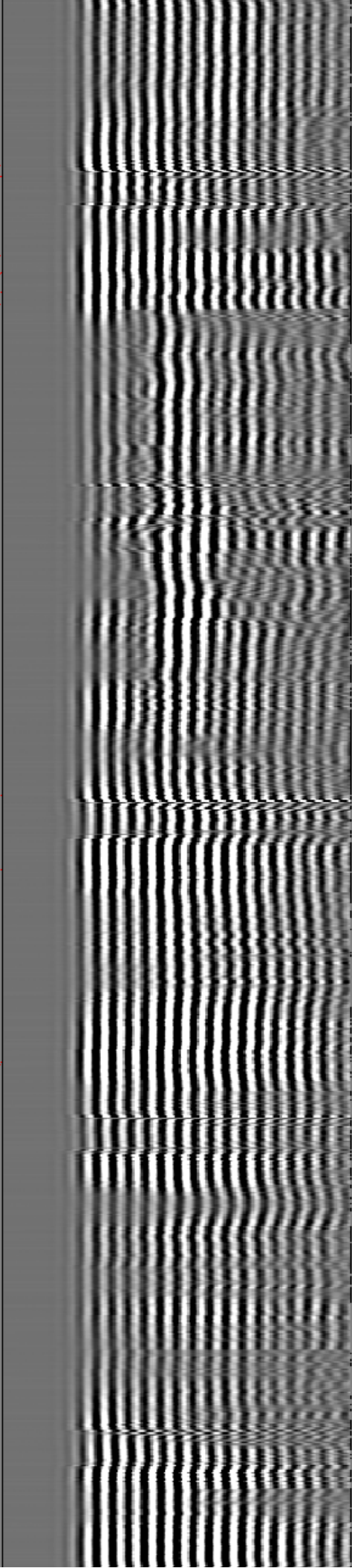
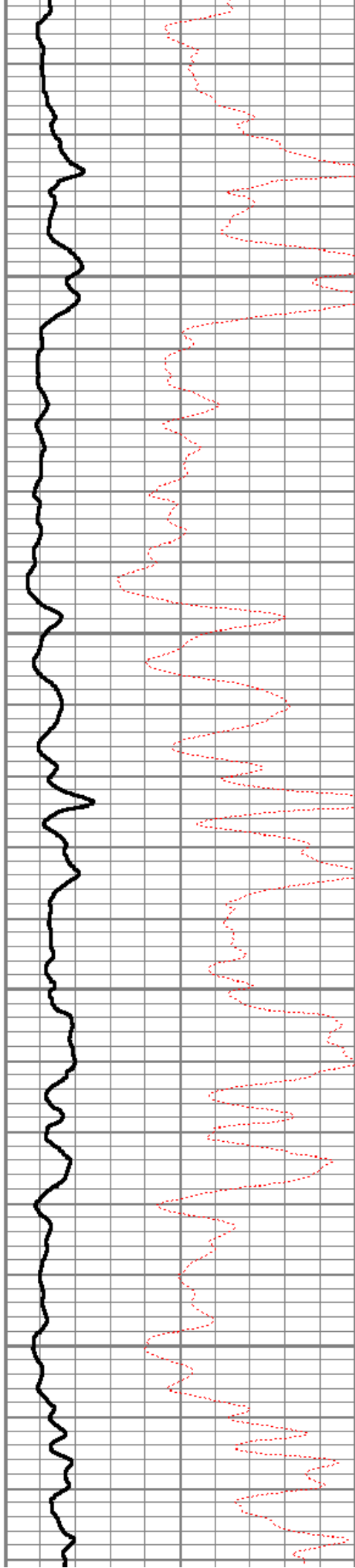


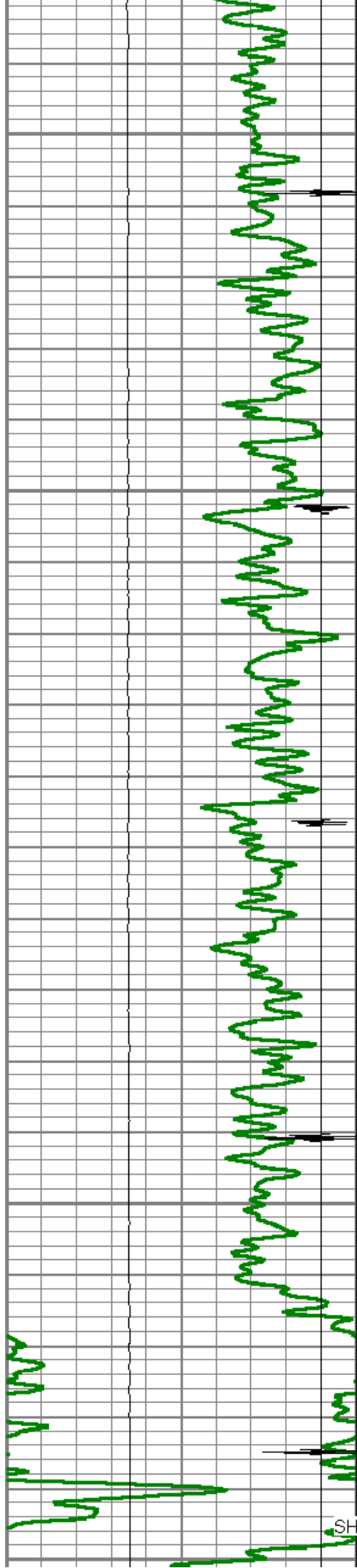
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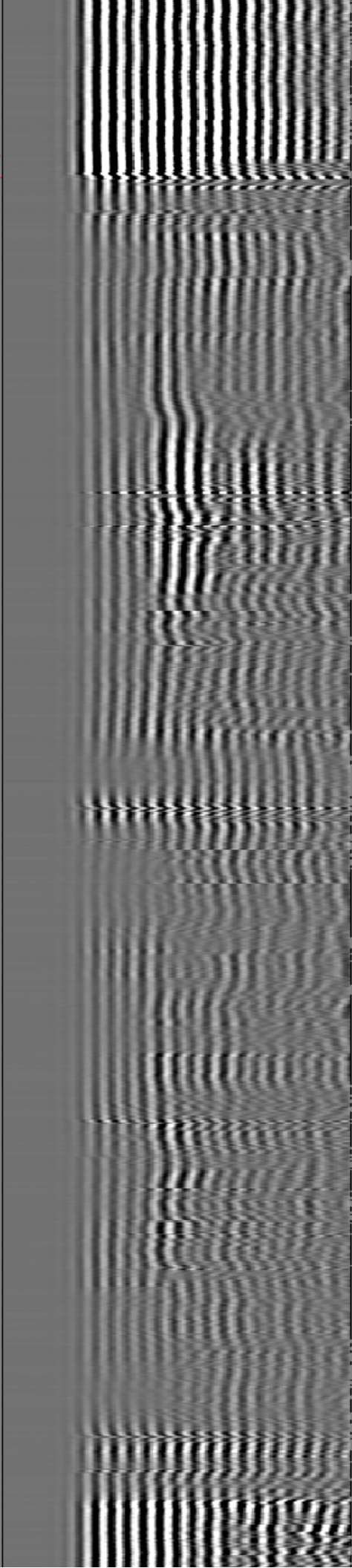
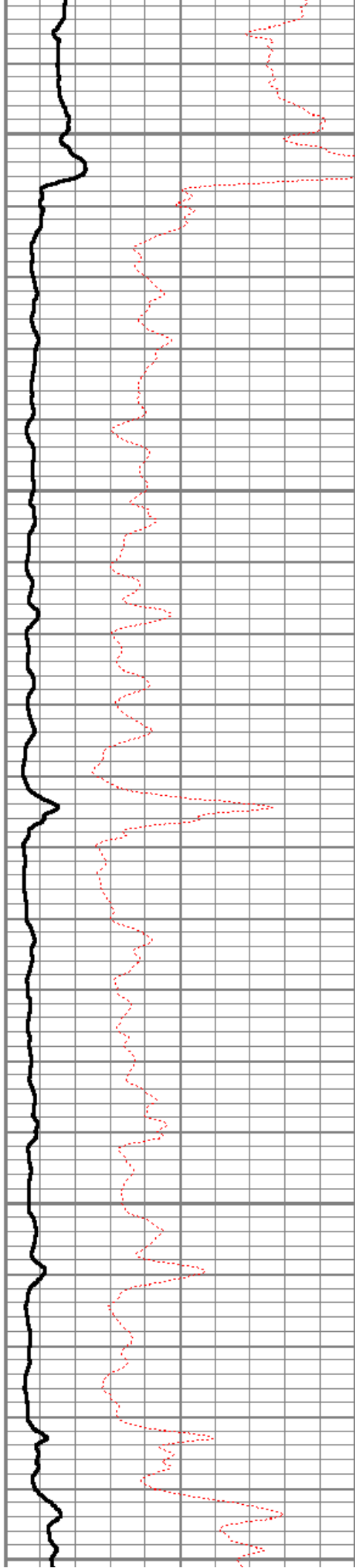
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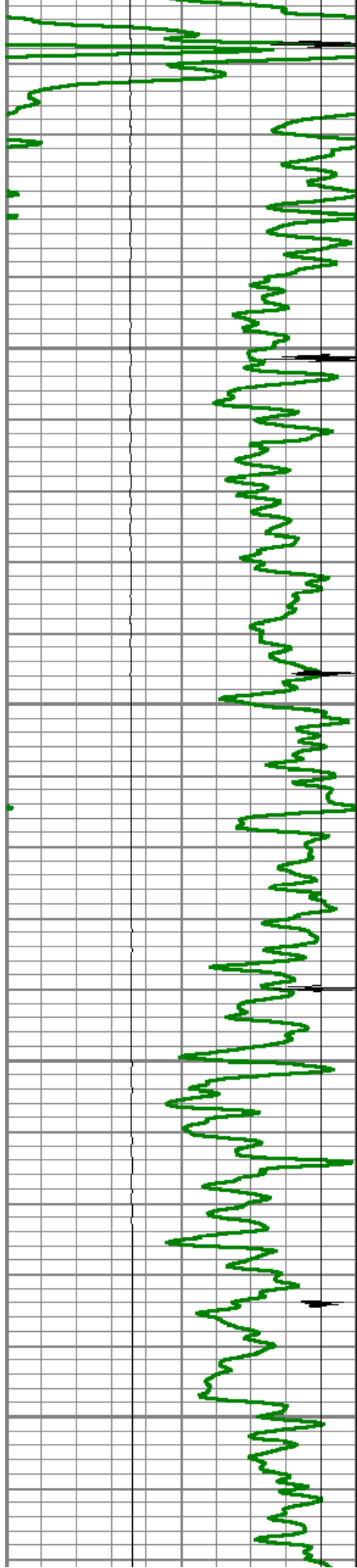
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SHORT JOINT

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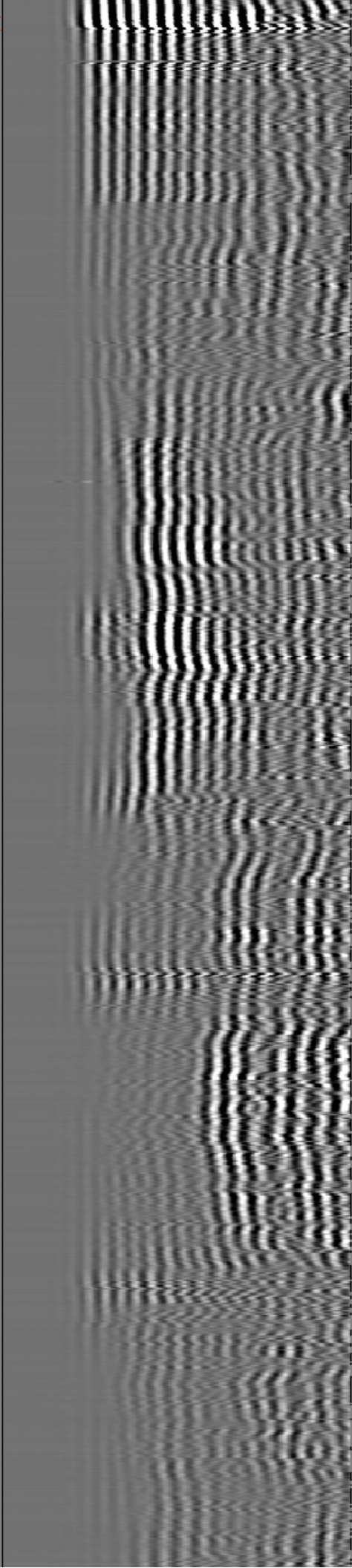
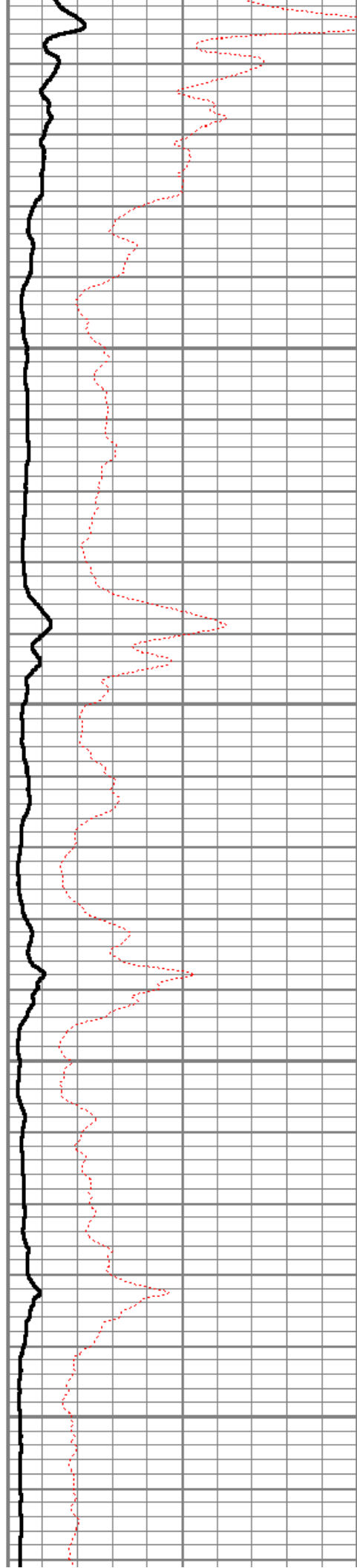


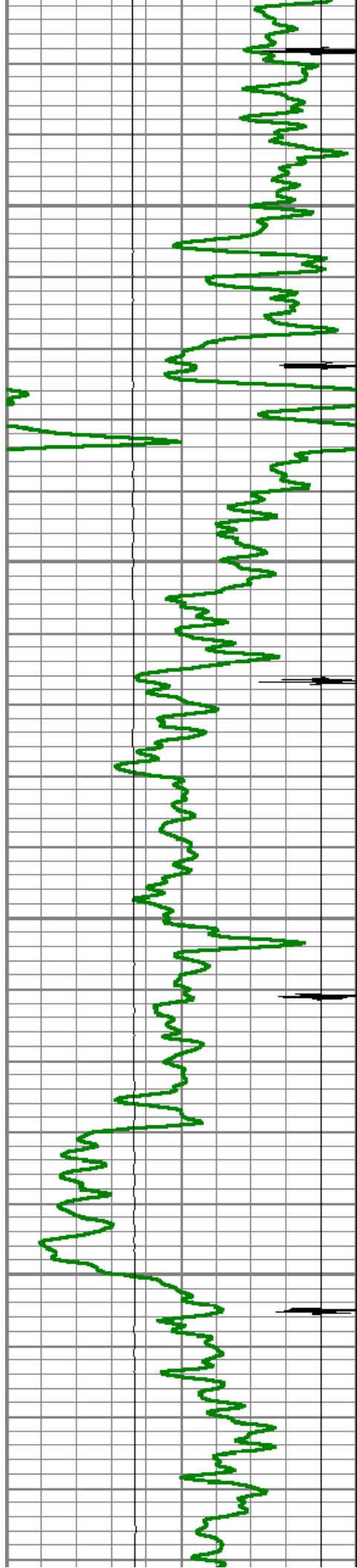
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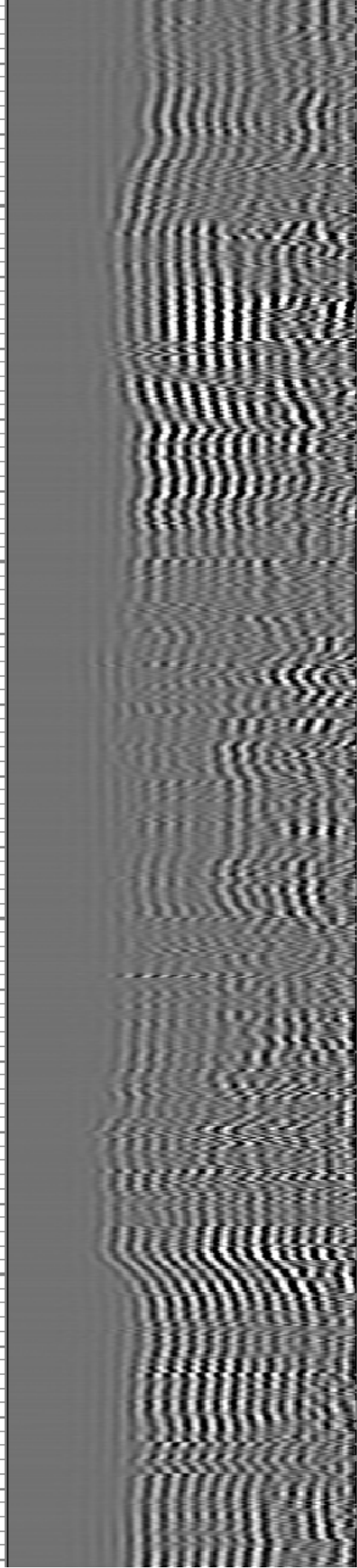


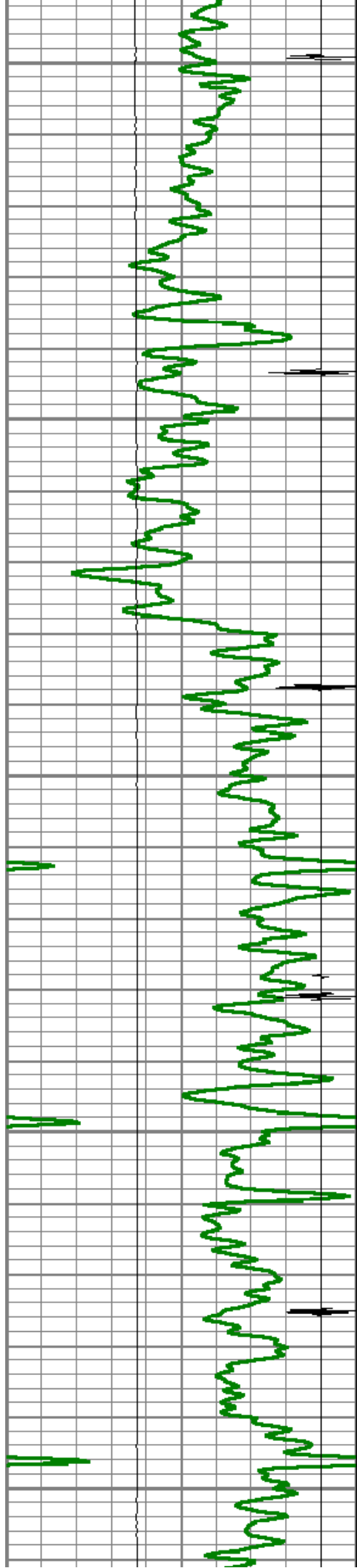
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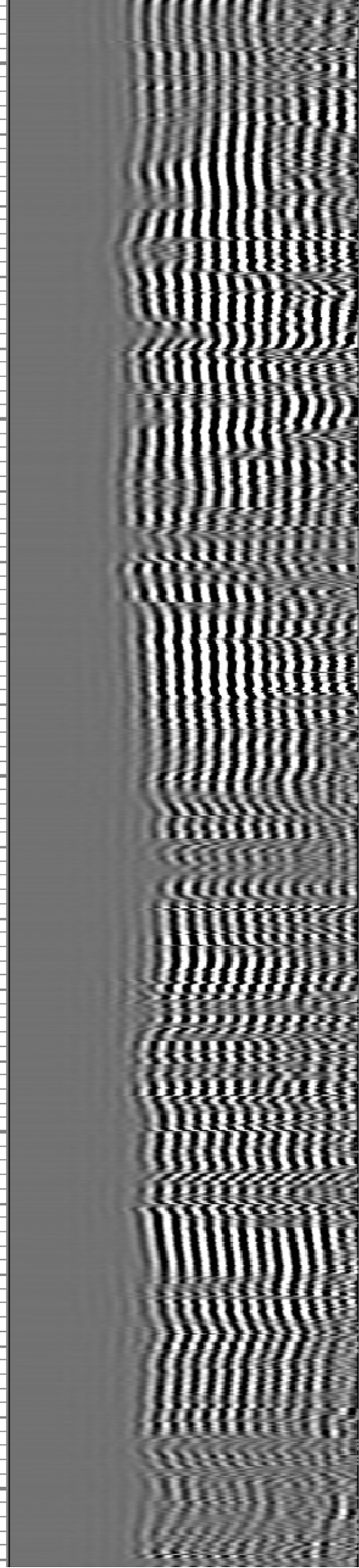
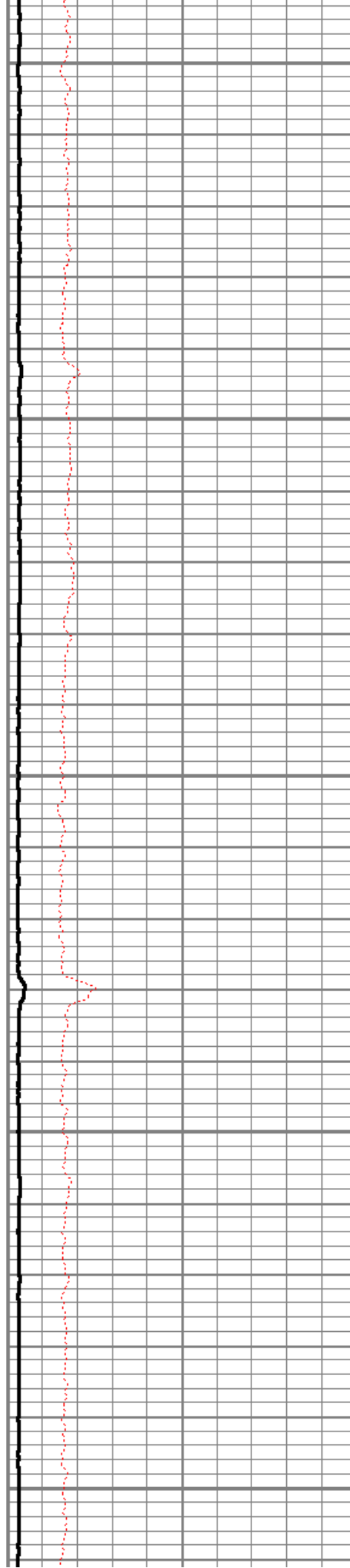
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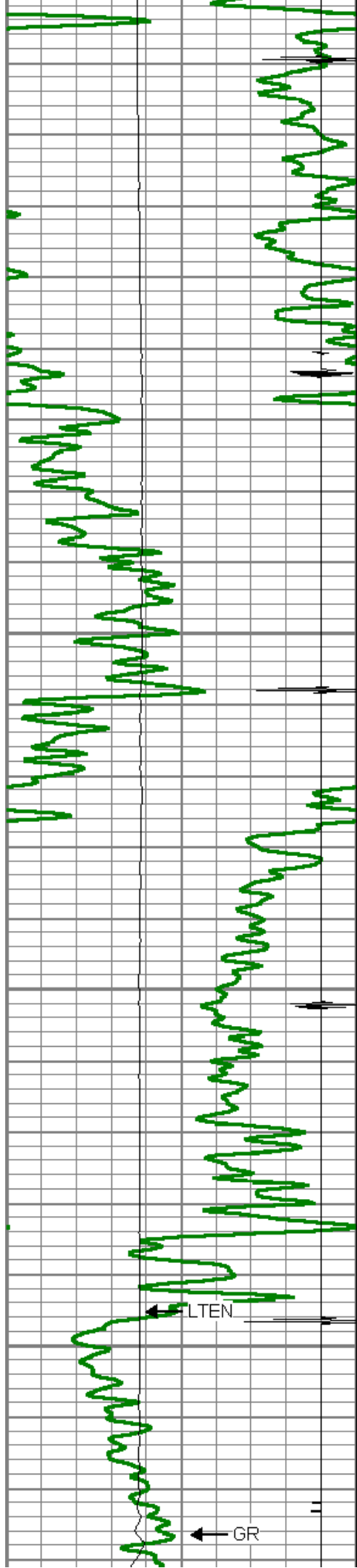
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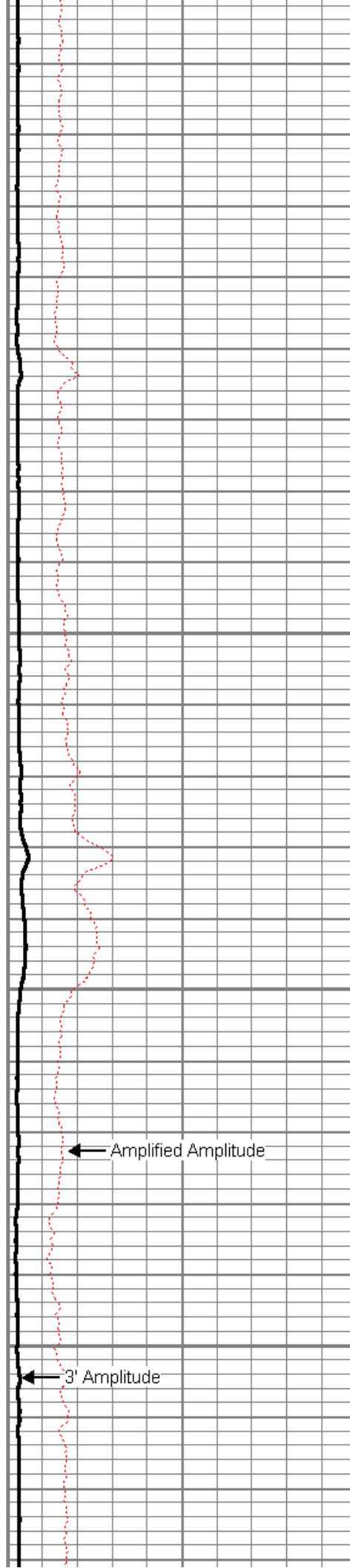


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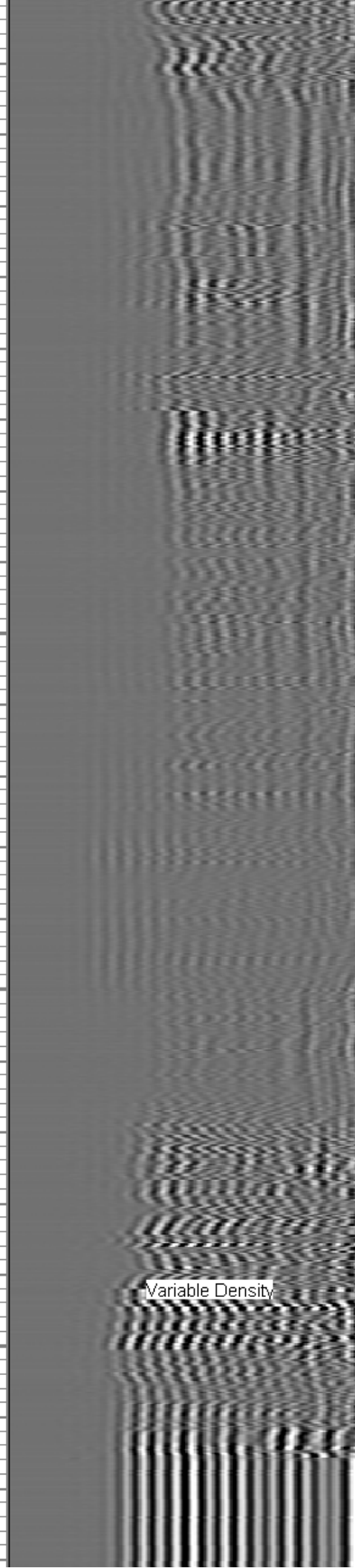
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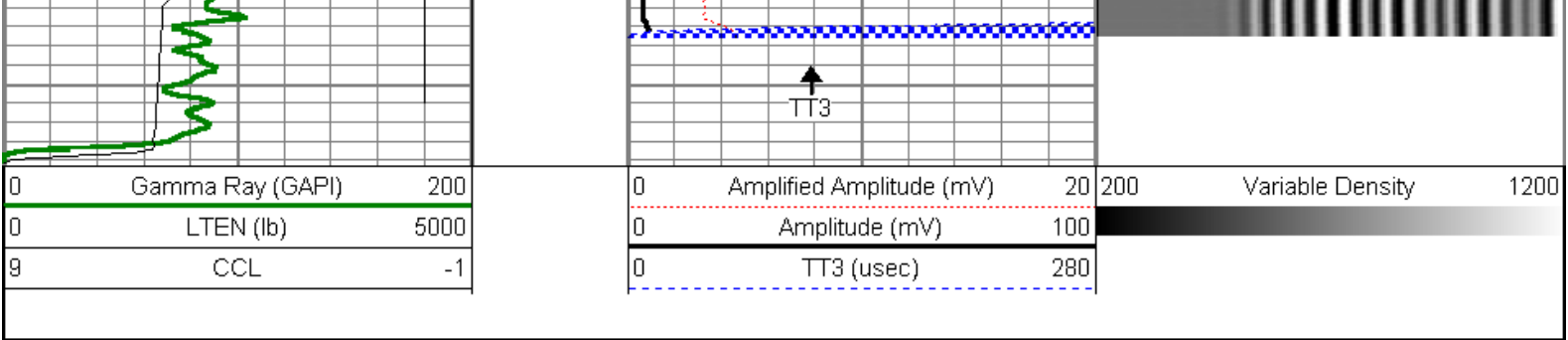



Amplified Amplitude


3' Amplitude




Variable Density



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF3	13.69		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
			CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_18.7702) Probe 2.75" Dual Receiver Bond	2.75	2.75	60.00
WVF5	12.69					
CCL	5.33		Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
			CCL-PRB_CCL_2MAG (PRB_CCL_2MAG_2.02) Probe 2 Magnet CCL		2.75	

GR	0.75		GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool	4.54	2.75	30.00
Dataset: cosslett 41-22.db: field/well/run1/pass17.1 Total Length: 22.10 ft Total Weight: 111.50 lb O.D.: 2.75 in						

	Company	ENCANA OIL & GAS (USA) INC.
	Well	COSSLETT 41-22
	Field	WATTENBERG
	County	WELD
	State	COLORADO