



CEMENT BOND LOG

Mesa Wireline

Company ENCANA OIL & GAS (USA) INC
Well IONE 6-8-2
Field WATTENBERG
County WELD
State COLORADO

Company ENCANA OIL & GAS (USA) INC

Well IONE 6-8-2

Field WATTENBERG

County WELD State COLORADO

Location:

API #: 05-123-31382-0000

SHL: 1264' FSL & 1270' FEL
BHL: 100' FSL & 1375' FEL

SEC. 2 TWP. 2N RGE. 66W

Permanent Datum GROUND LEVEL Elevation 5051'
Log Measured From KELLY BUSHING = 12'
Drilling Measured From KELLY BUSHING

NONE

Elevation

K.B. 5063'
D.F. 5062'
G.L. 5051'

Date 1 NOVEMBER 2011

Run Number ONE

Depth Driller 8208'

Depth Logger 8180'

Bottom Logged Interval 8180'

Top Log Interval 3400'

Open Hole Size 7.875"

Type Fluid WATER

Density / Viscosity ~8.3#

Max. Recorded Temp. 269 DEG F

Estimated Cement Top 3640'

Time Well Ready N/A

Time Logger on Bottom N/A

Equipment Number 10901 PRD02

Location AULT, CO

Recorded By Z. EMICK

Witnessed By T. MAJORS

Bit From To Size Weight From To

ONE 12.25" 0" 900' 8250'

TWO 7.875" 900' 8250'

Size Work/ft Top Bottom

Surface String 8.625" 38# 0" 888'

Prot. String 4.5" 11.6# 0' 8232'

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

LOG CORRELATED TO PSI HIGH RESOLUTION INDUCTION LOG DATED 23 OCTOBER 2011
SHORT JOINT 7265' - 7288'

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



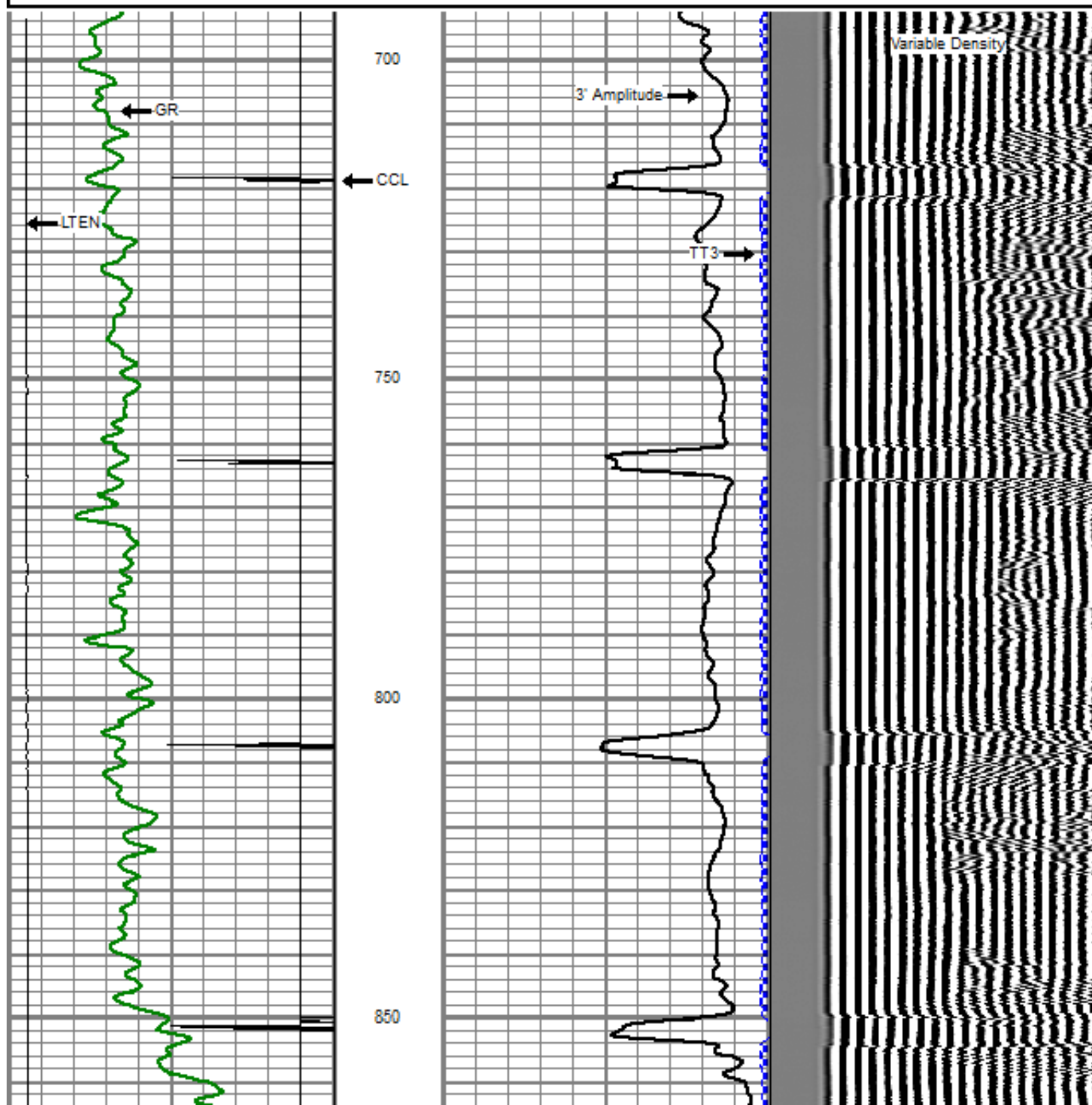
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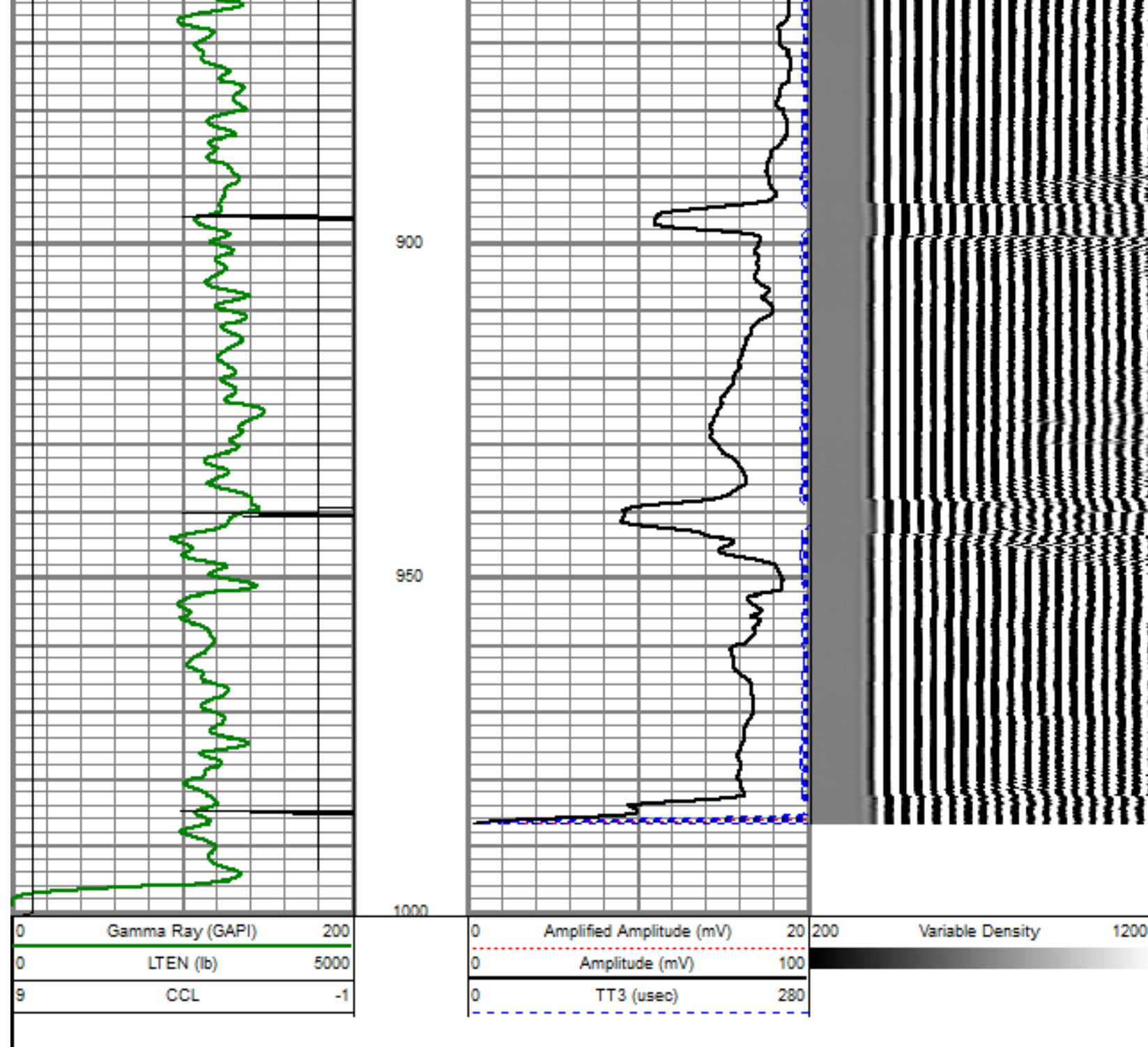
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Presentation Format: dobl_prb
Dataset Creation: Tue Nov 01 09:45:53 2011 by Calc SCH 110722
Charted by: Depth in Feet scaled 1:240

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



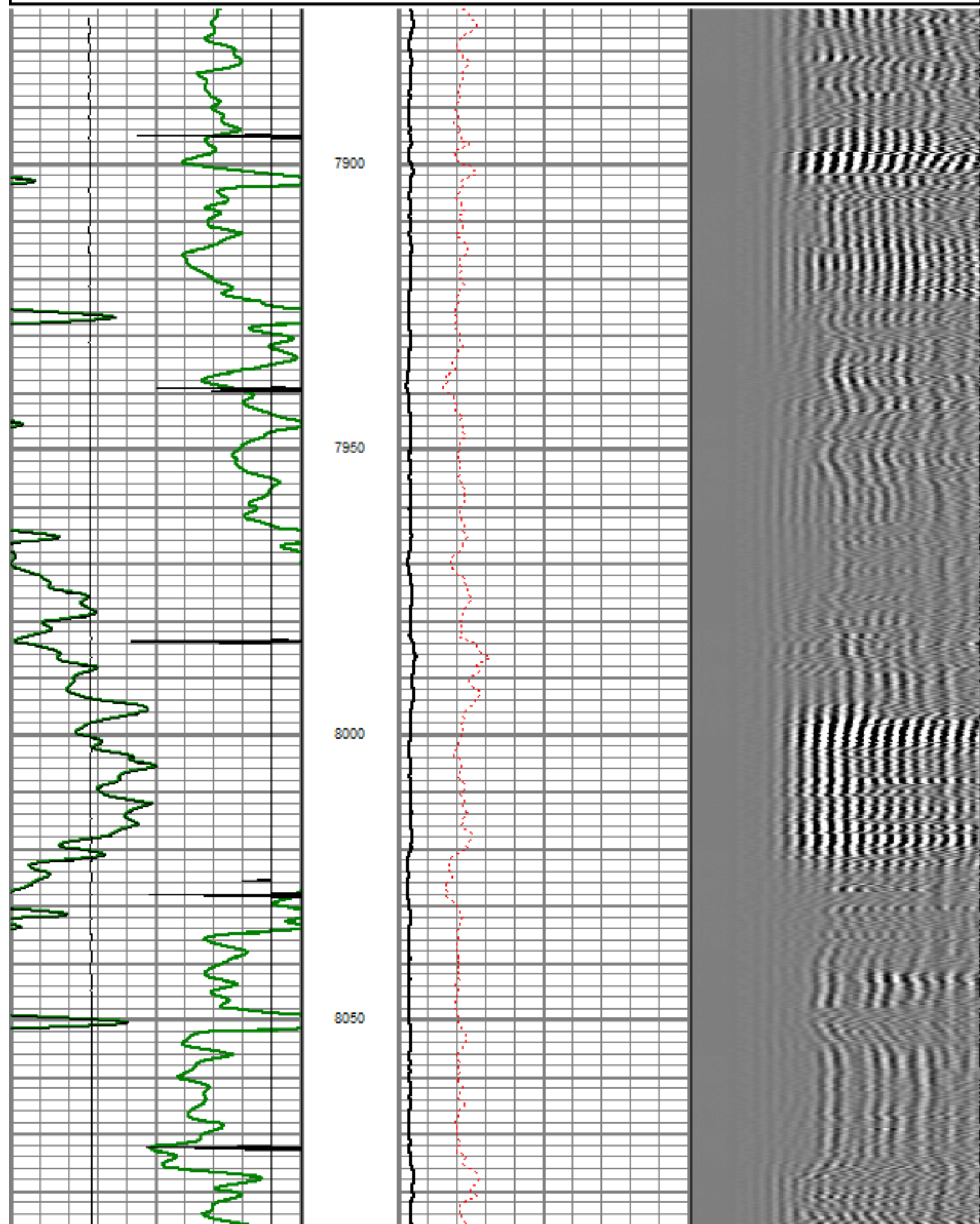


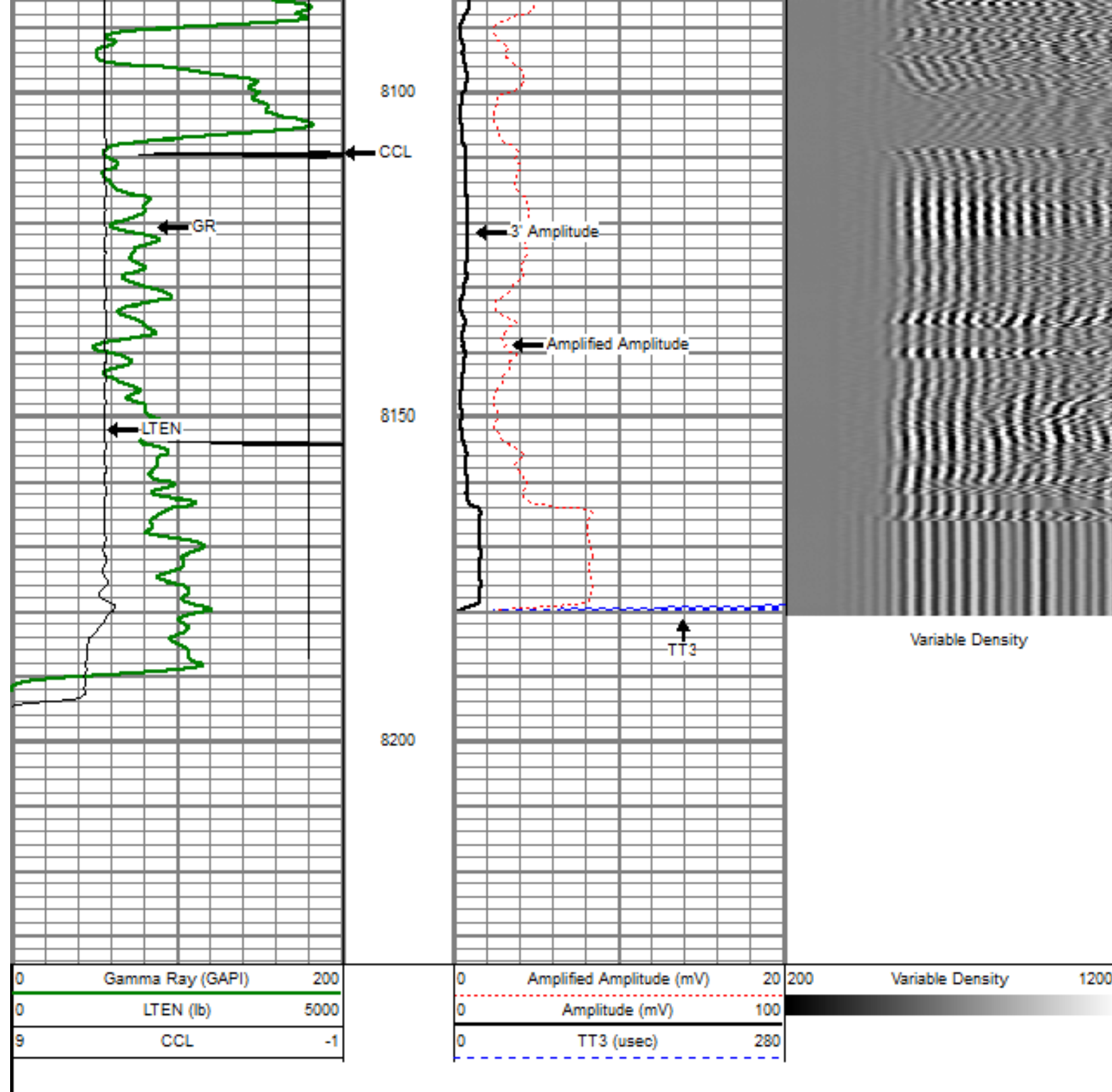
REPEAT PASS

5" = 100'

Database File: ione 6-8-2.db
 Dataset Pathname: pass6
 Presentation Format: dobl_prb
 Dataset Creation: Tue Nov 01 08:03:29 2011 by Log SCH 110722
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	LTEN (lb)	5000	0	Amplitude (mV)	100			
9	CCL	-1	0	TT3 (usec)	280			

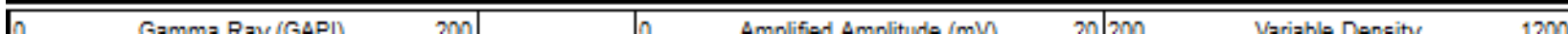




MAIN PASS

5" = 100'

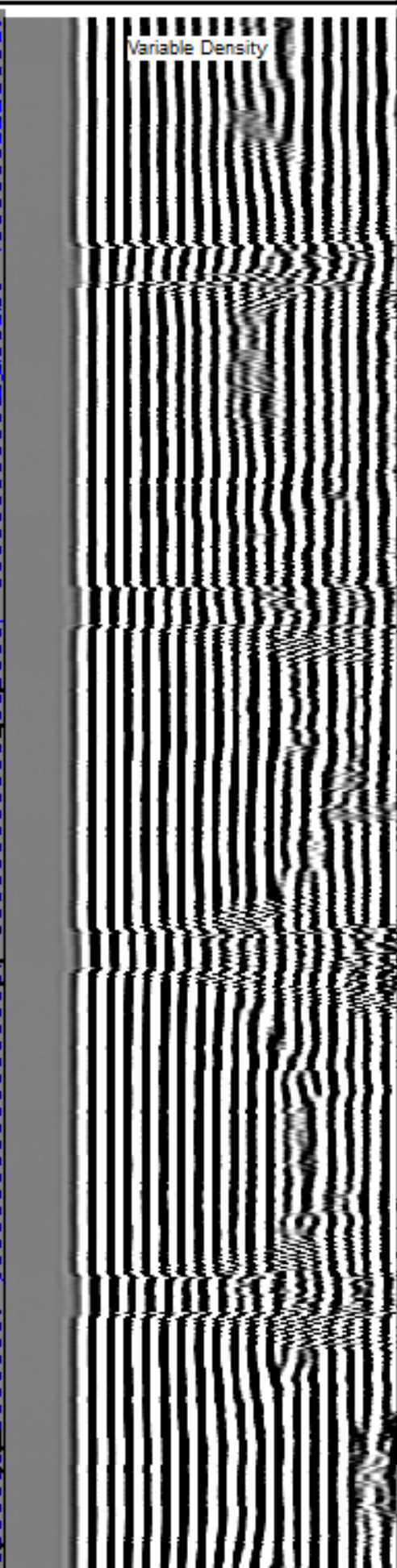
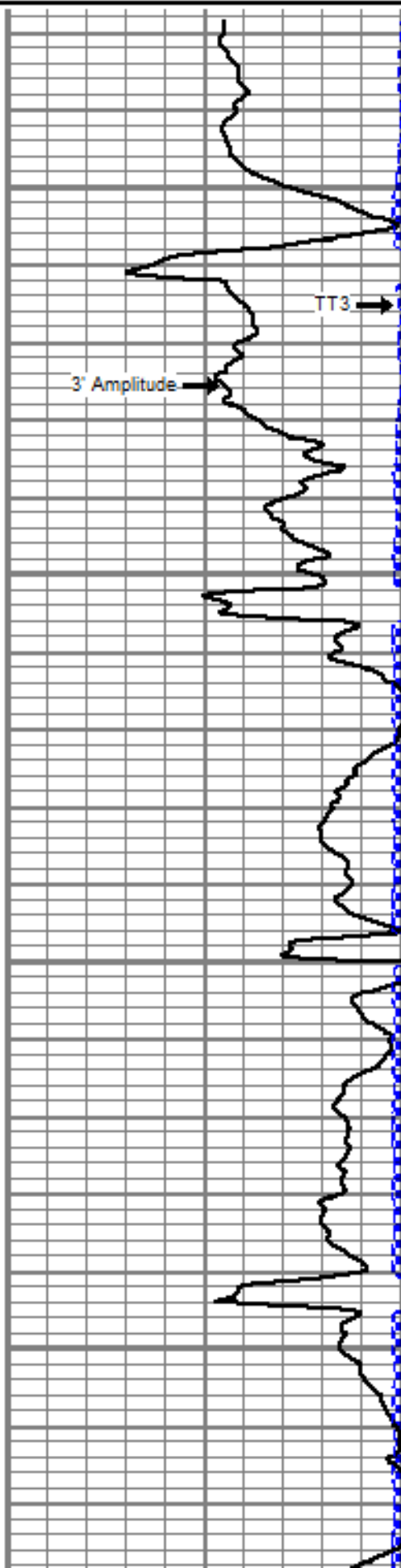
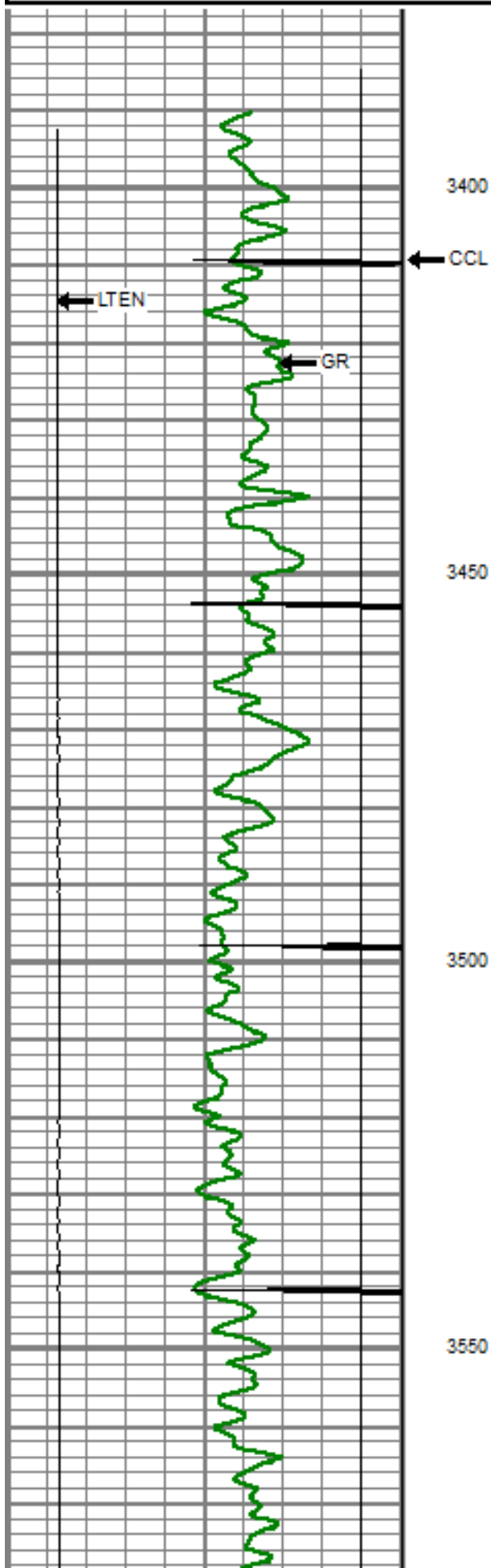
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 Charted by: Depth in Feet scaled 1:240

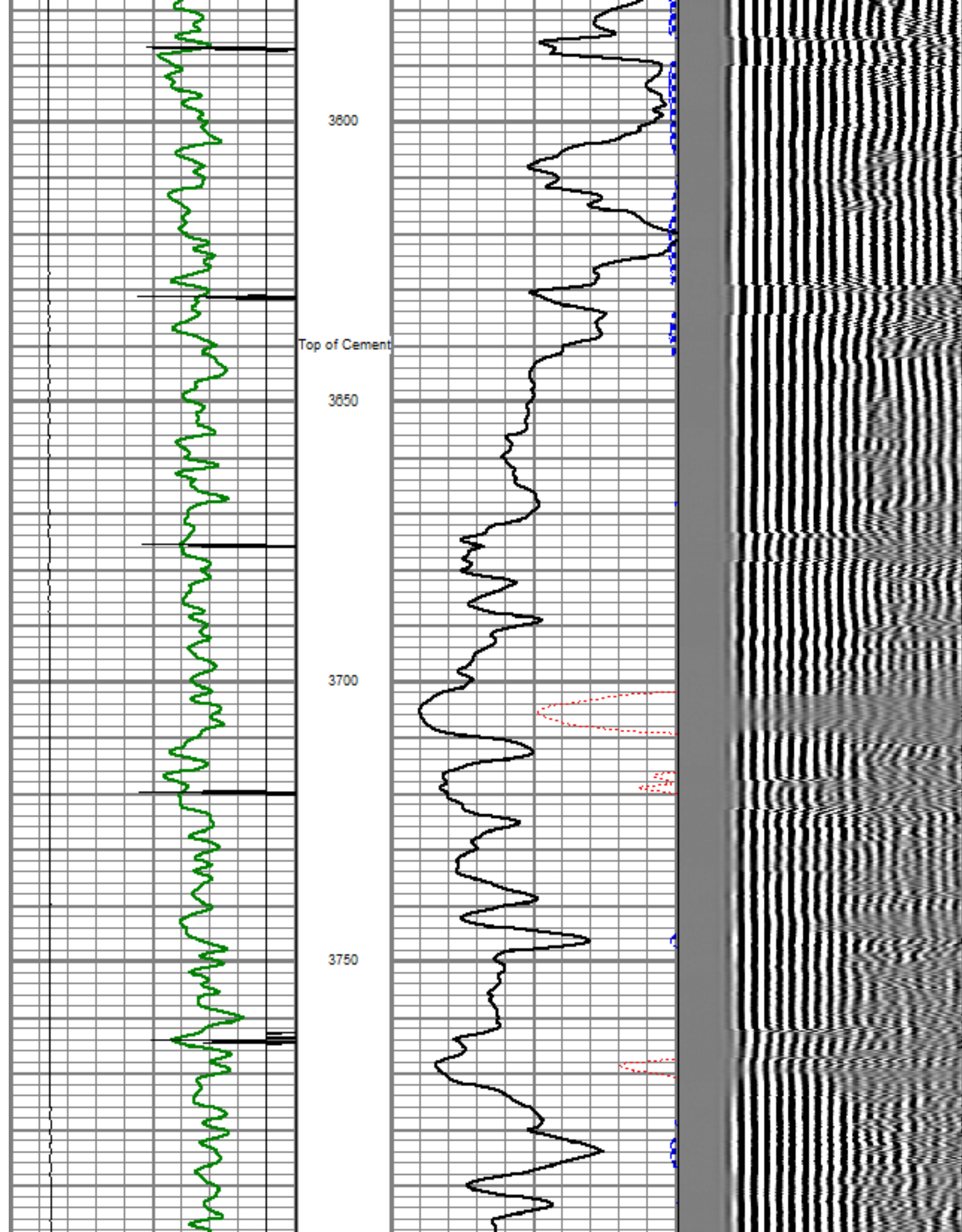


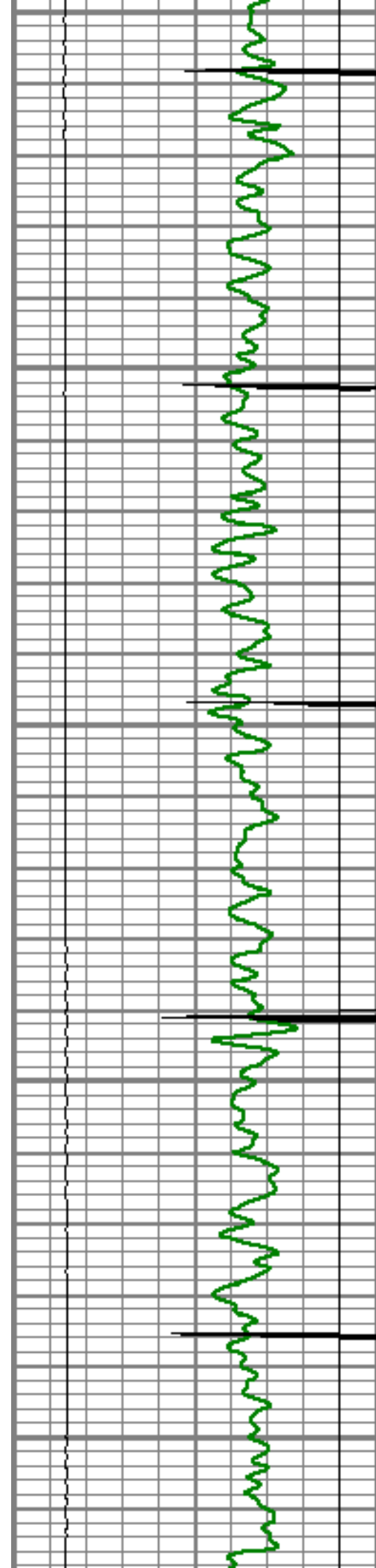
Command Key (GWV)		
0	LTEN (lb)	5000
9	CCL	-1

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

Variable Density		
0	Variable Density	1200







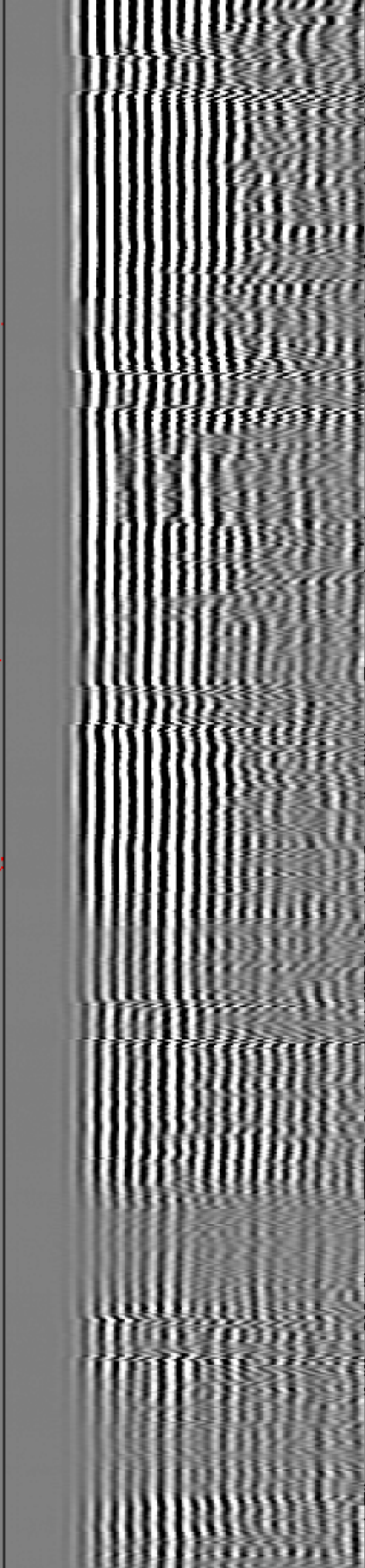
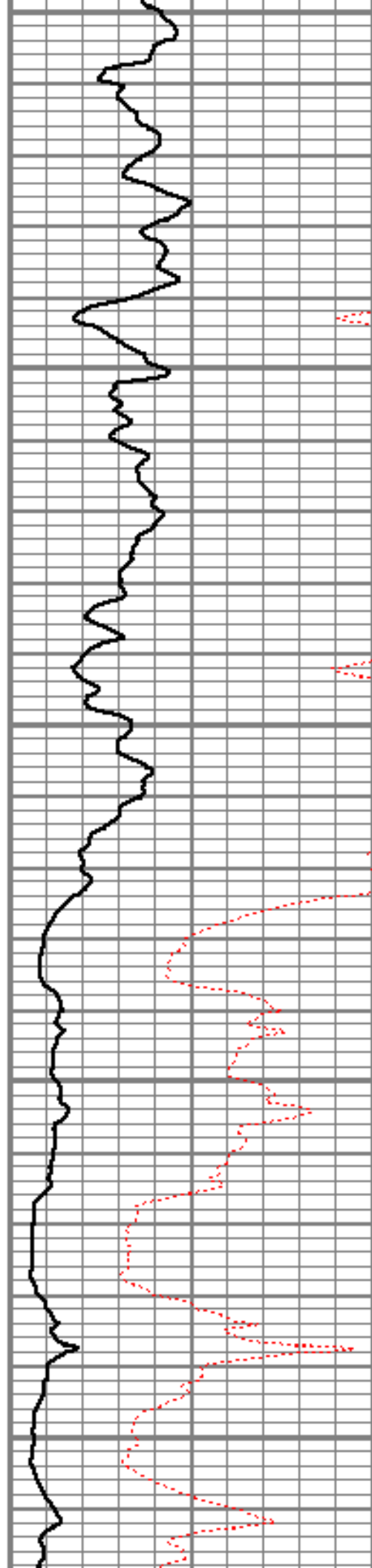
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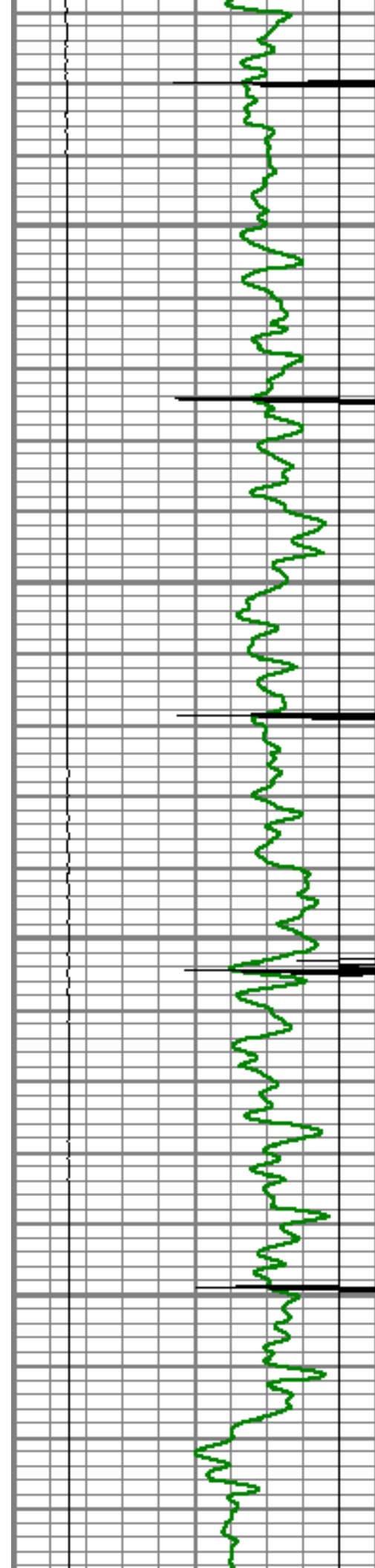
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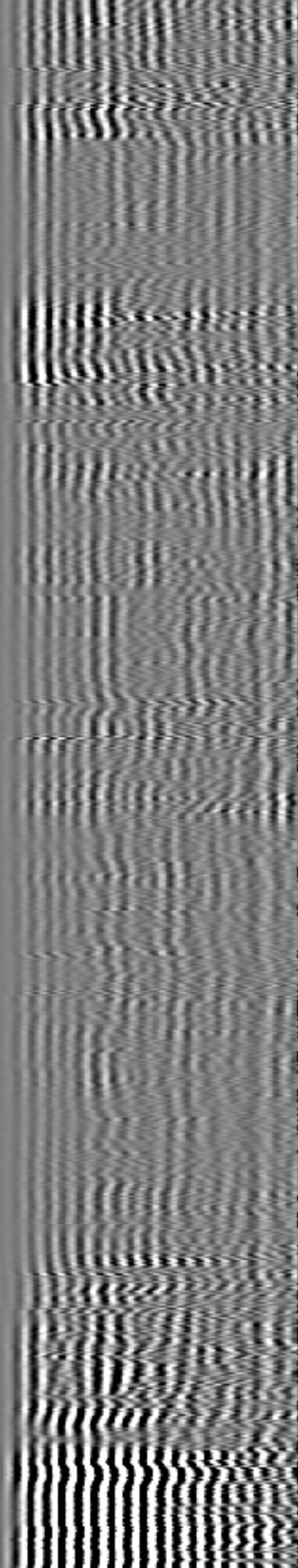
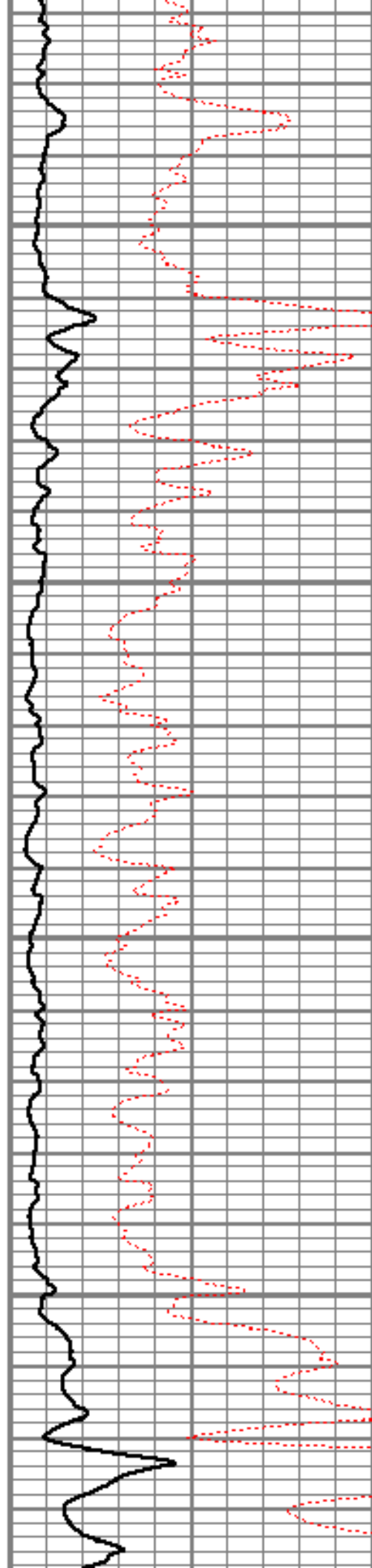


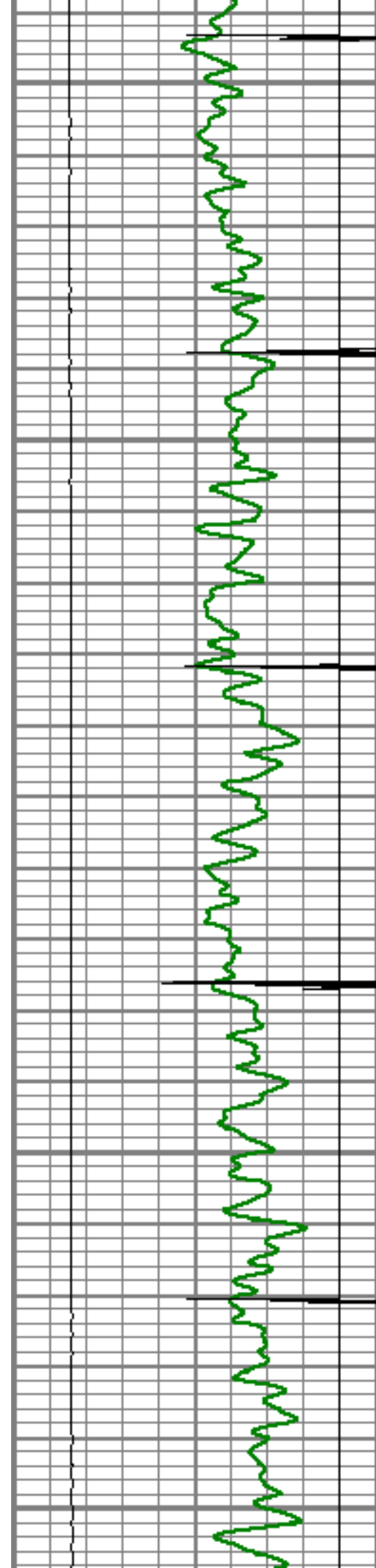
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4200





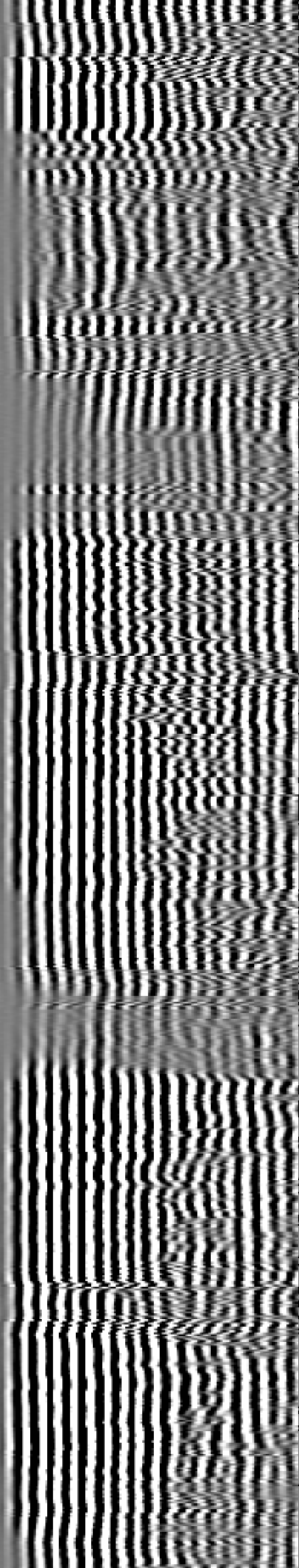
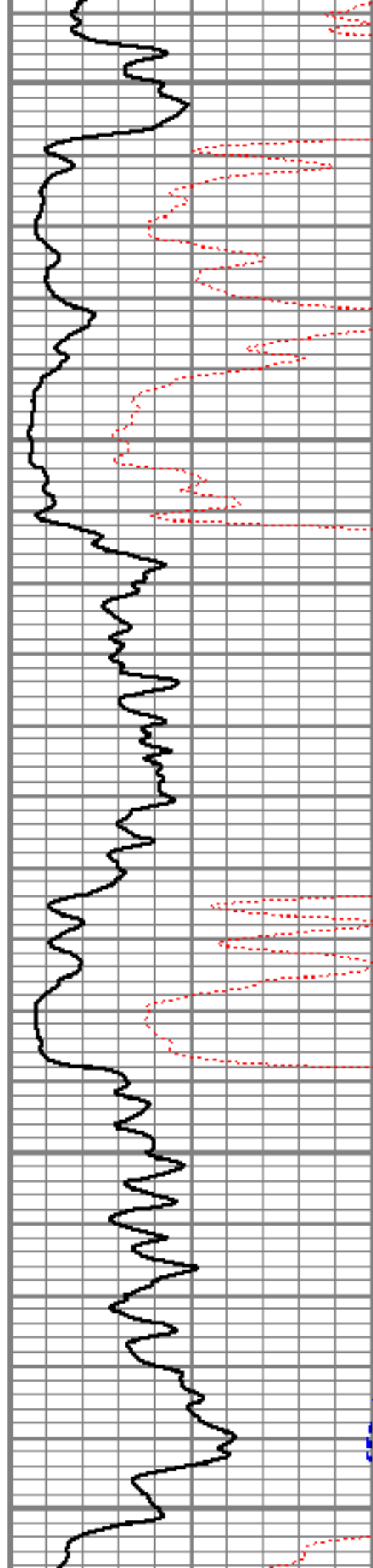
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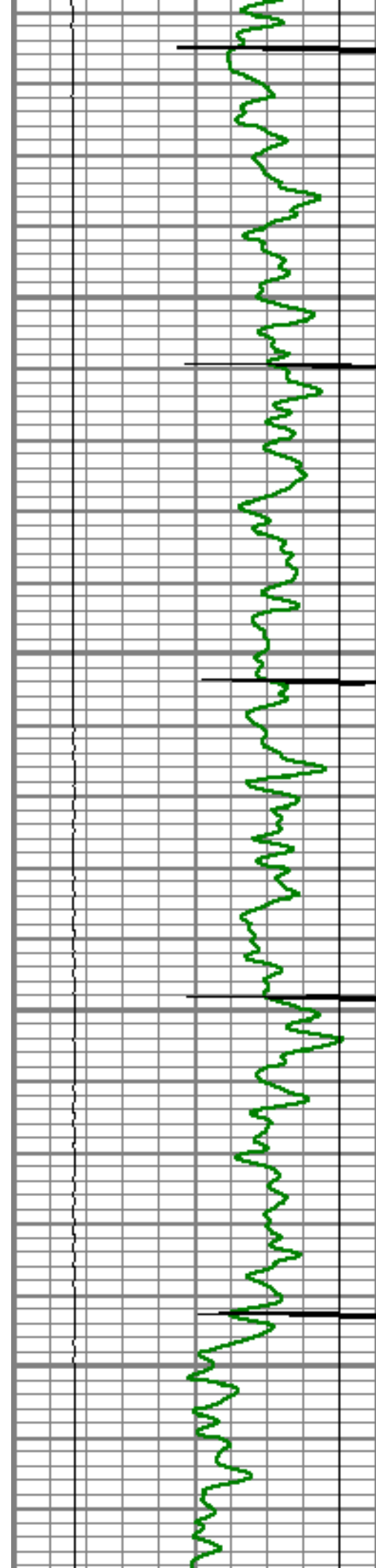
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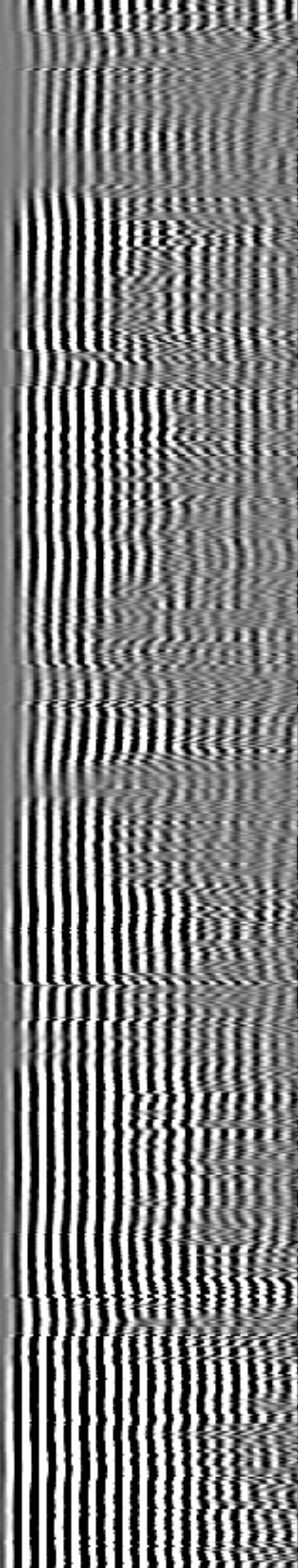
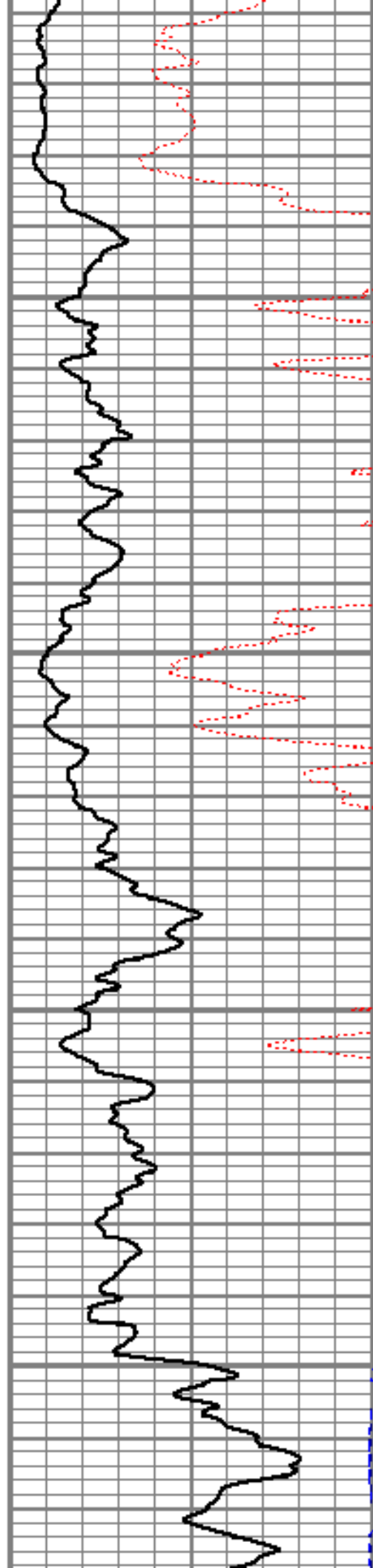


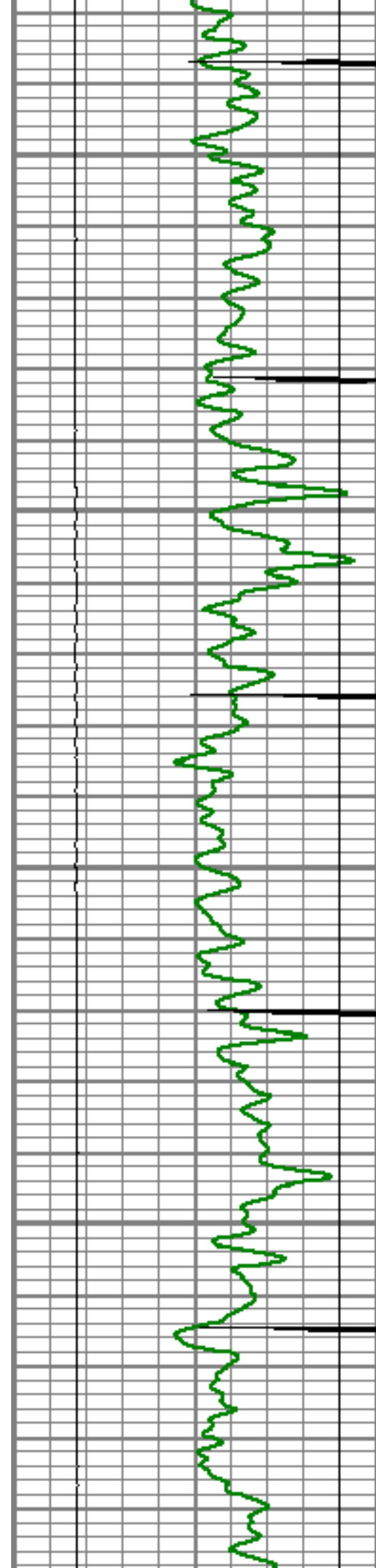
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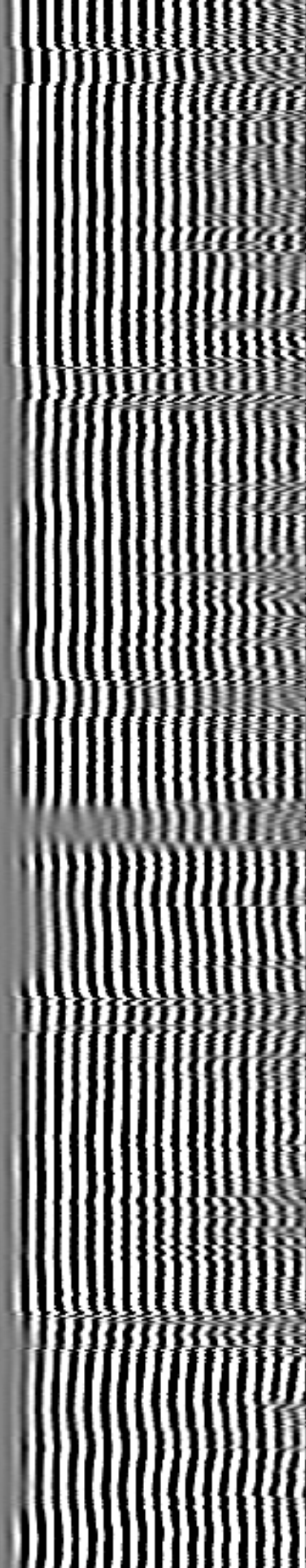
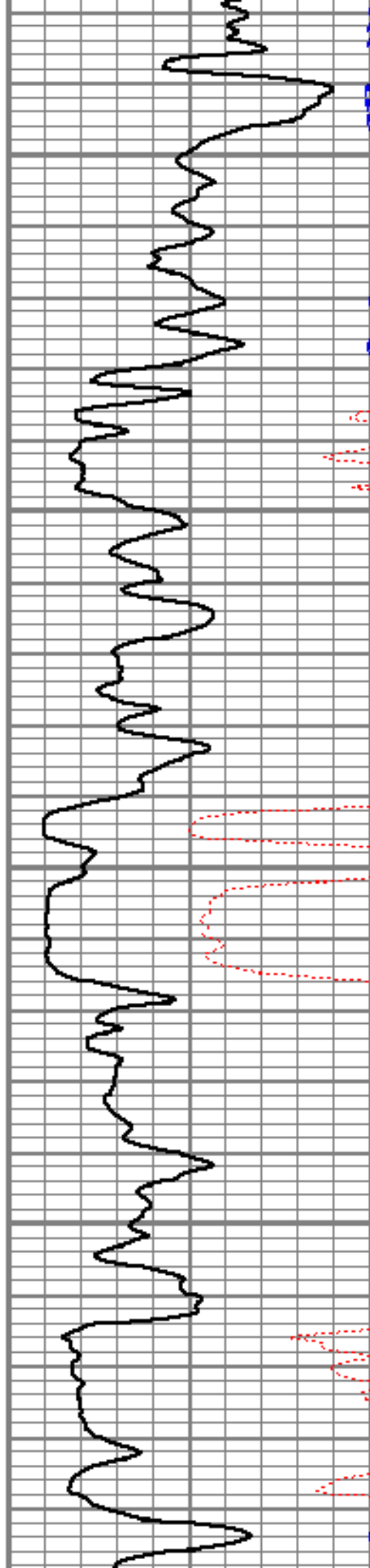


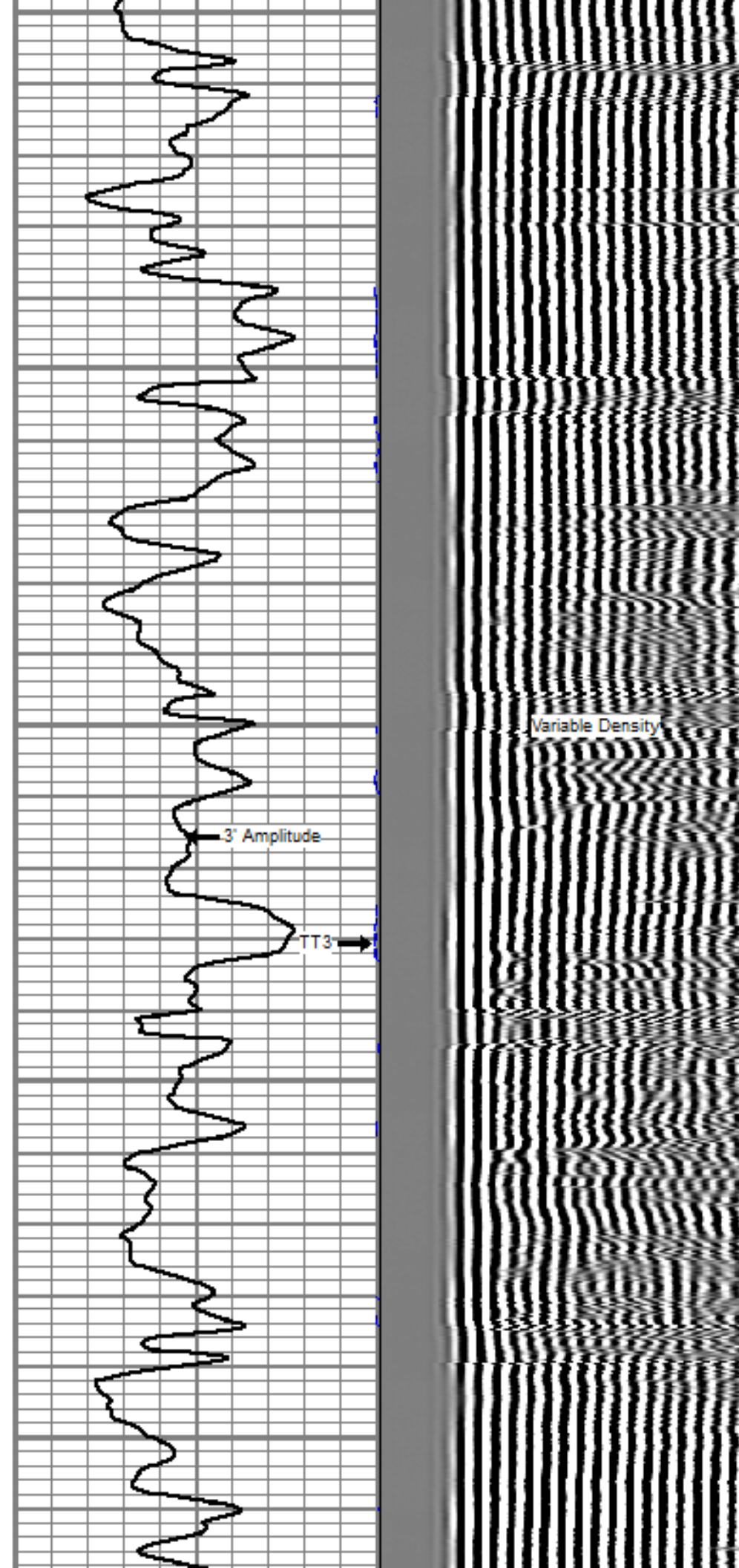
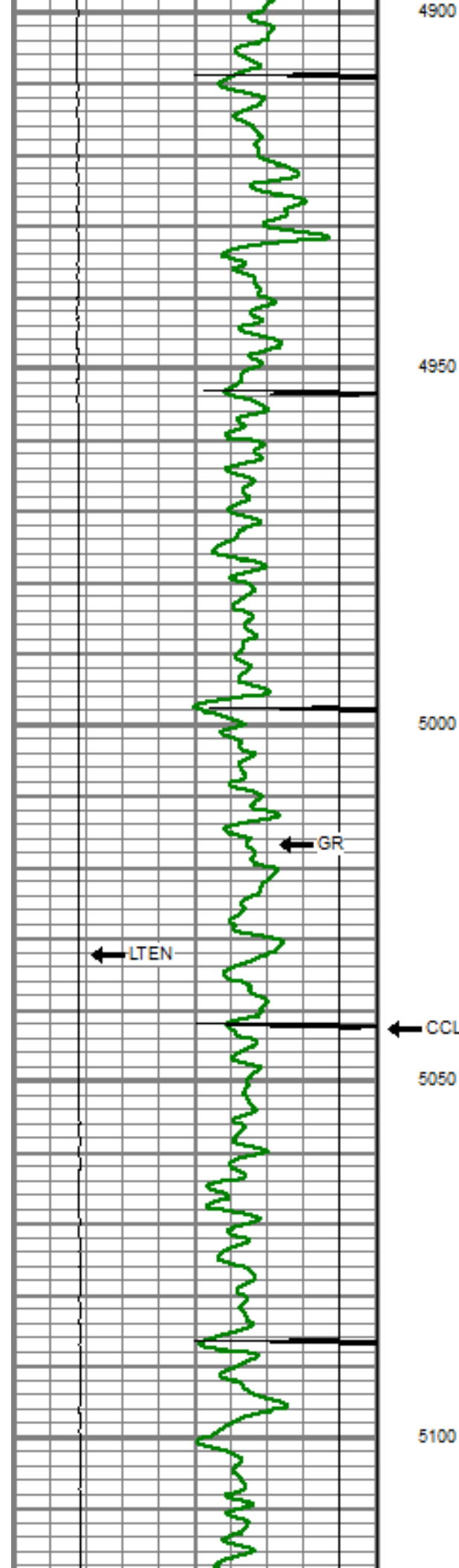
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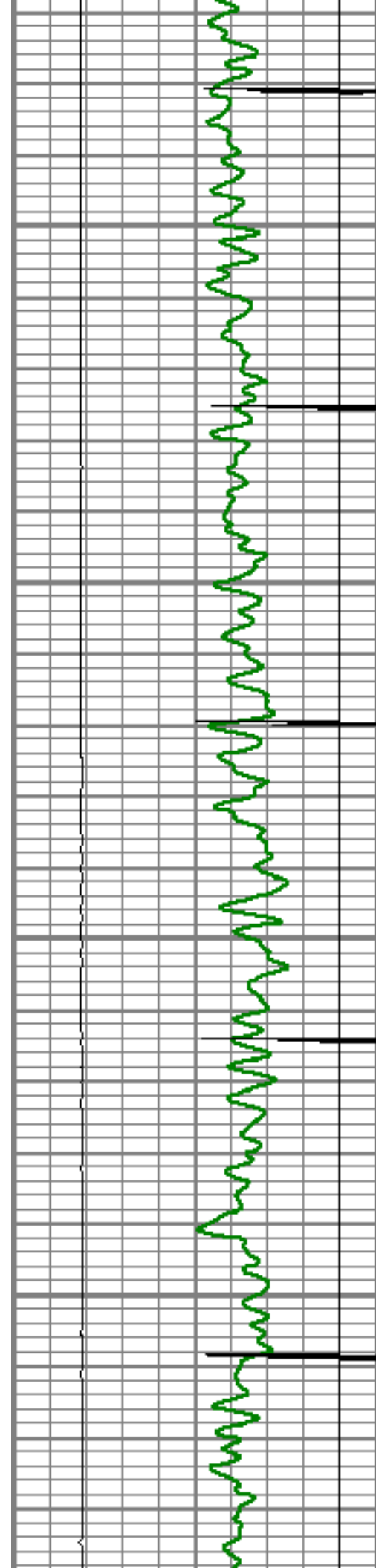
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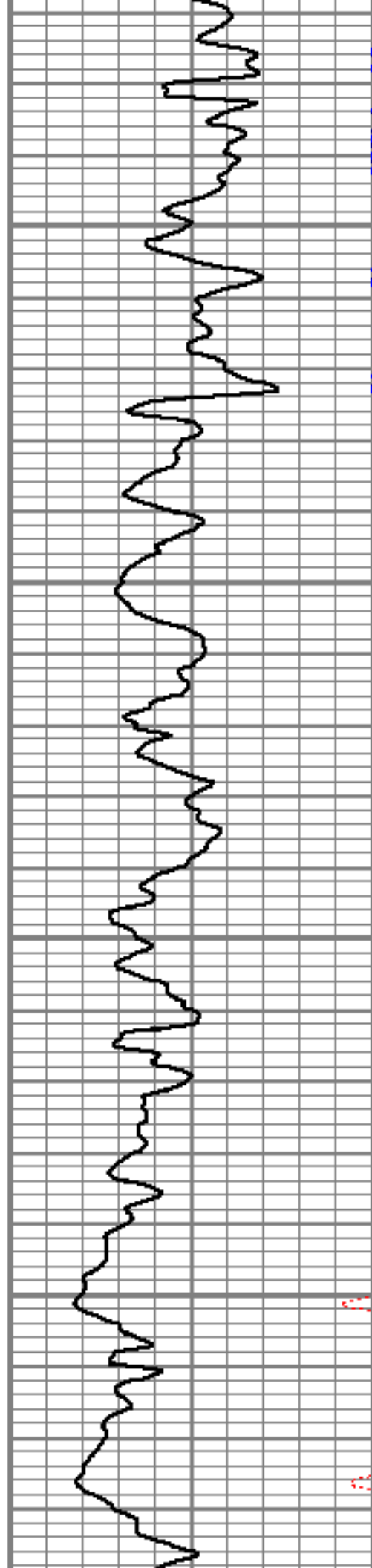


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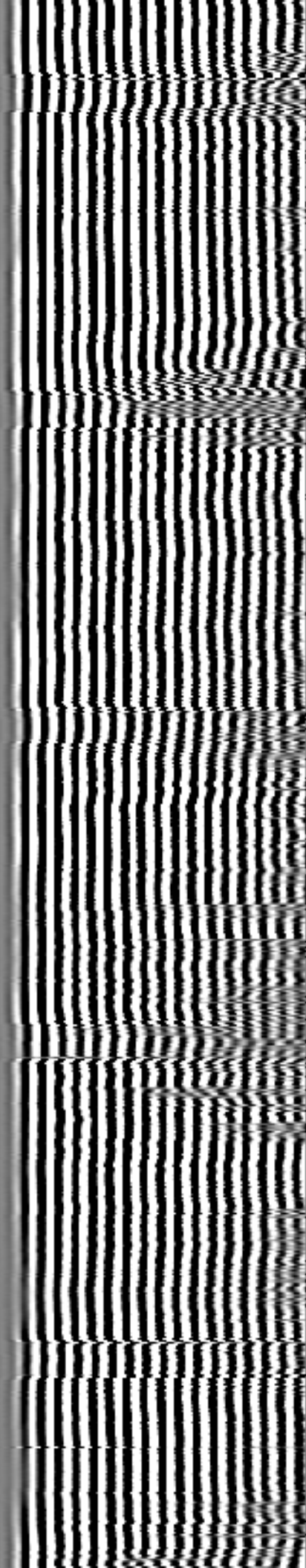
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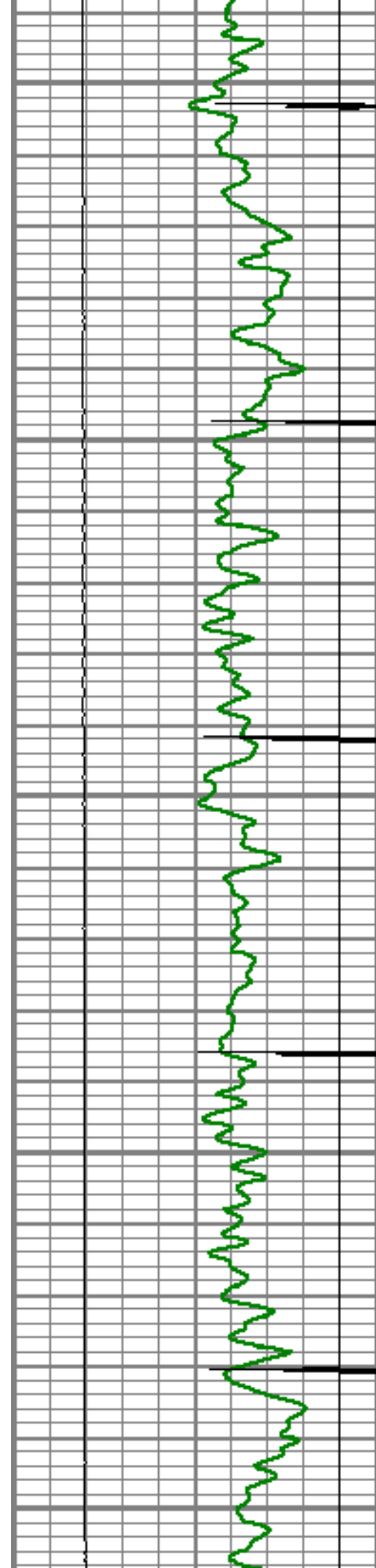
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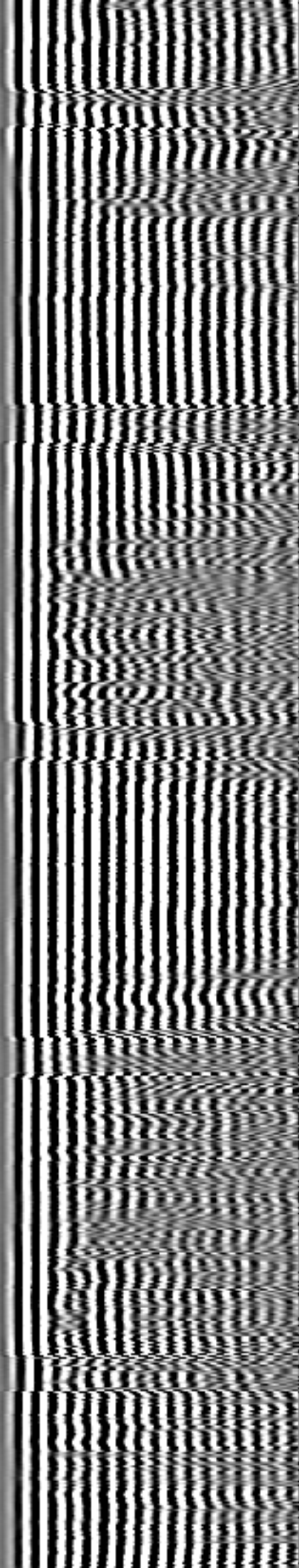
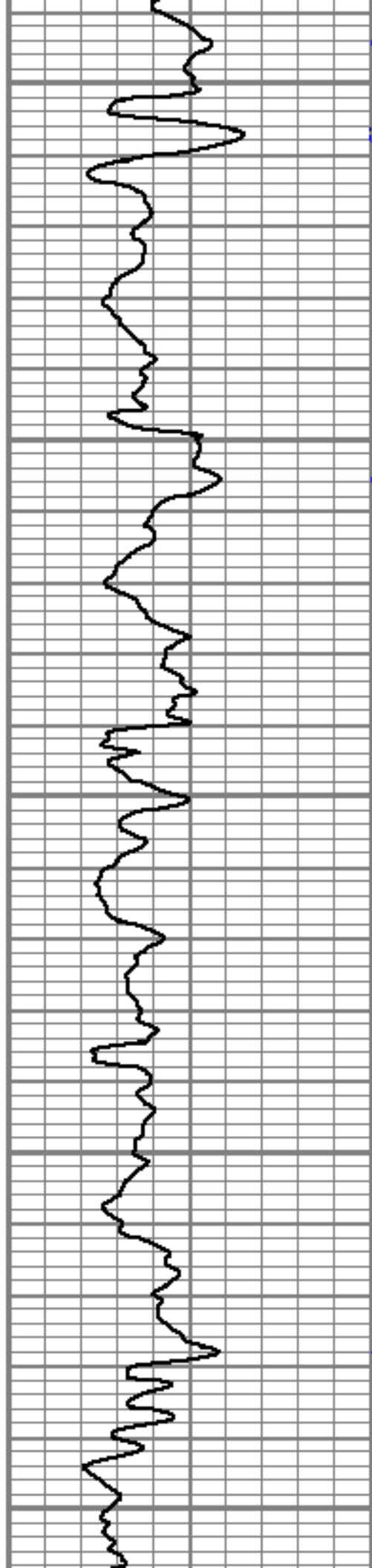
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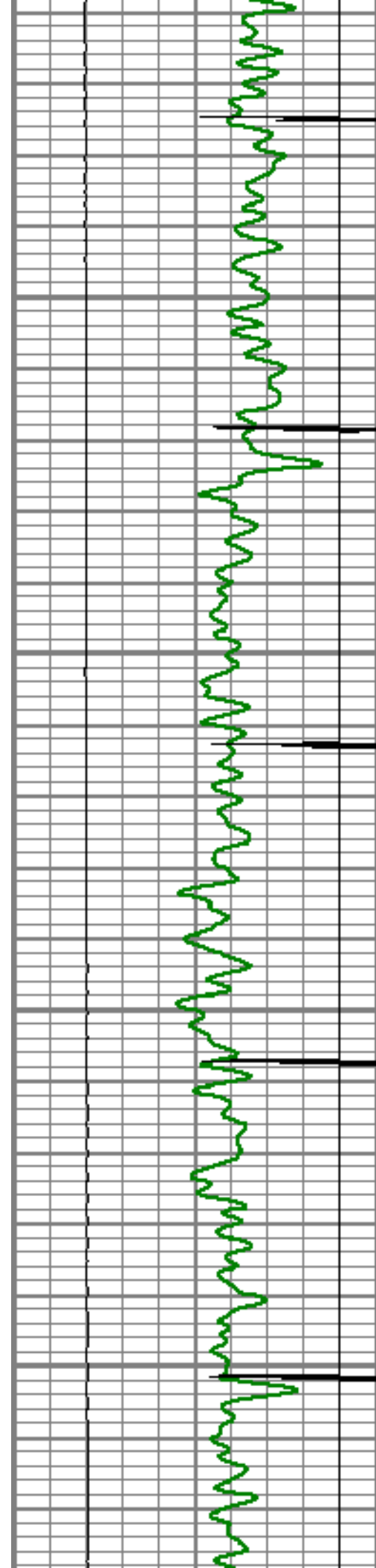
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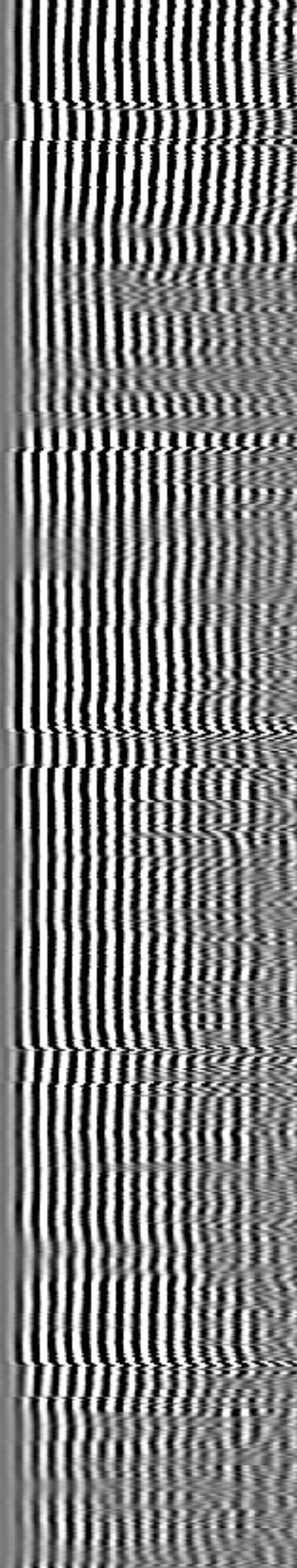
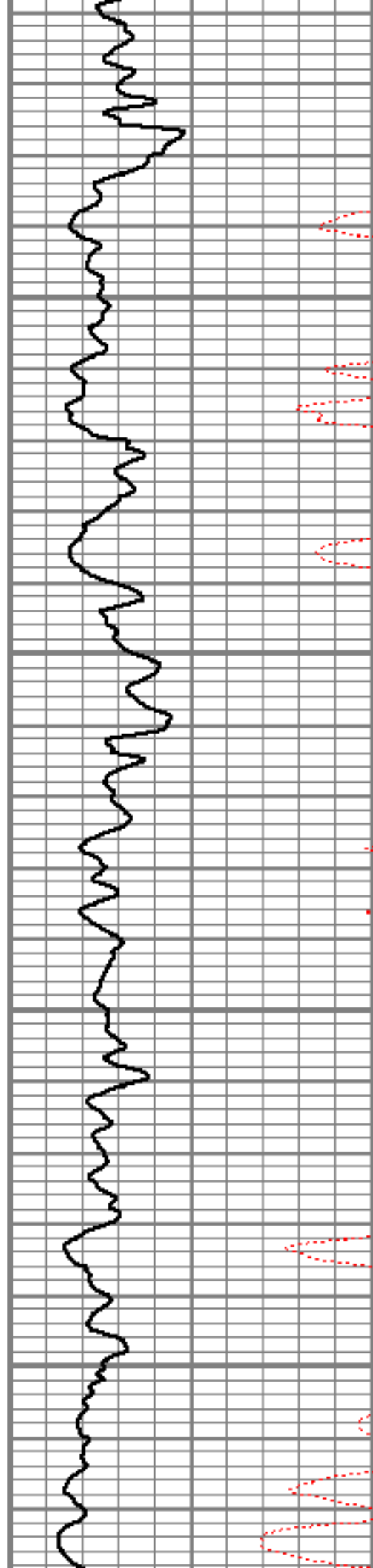


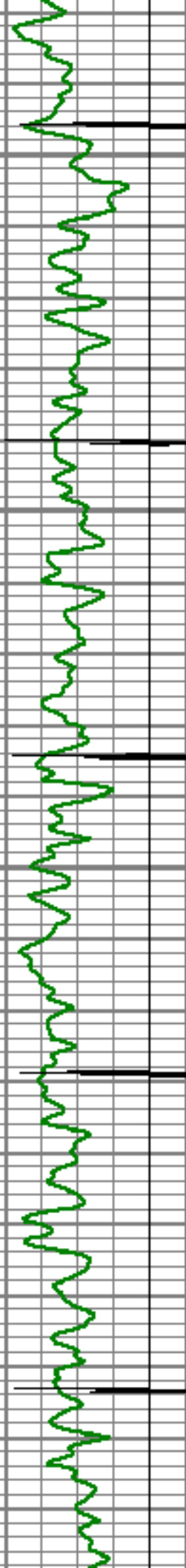
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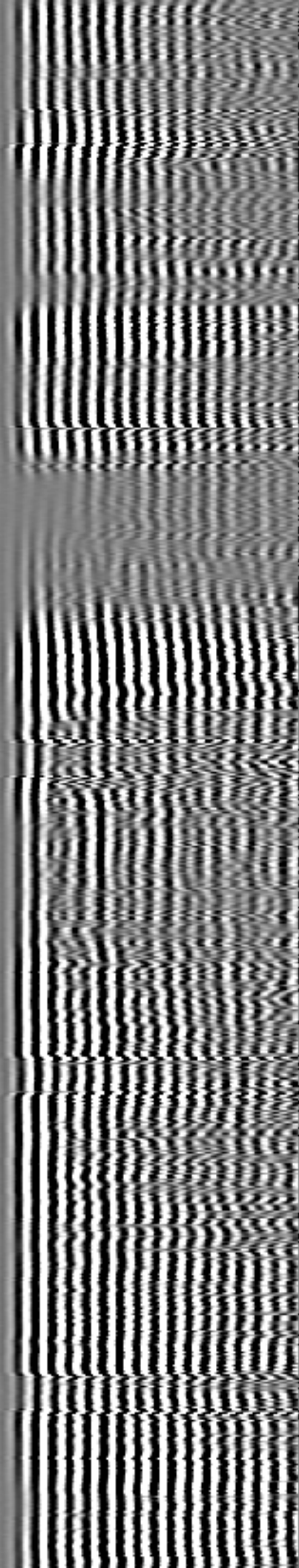
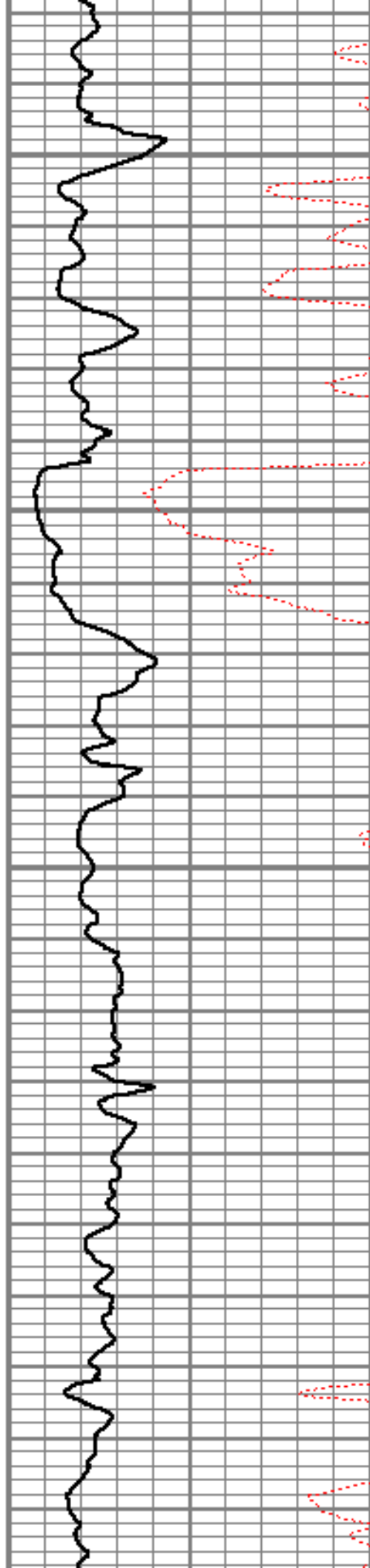


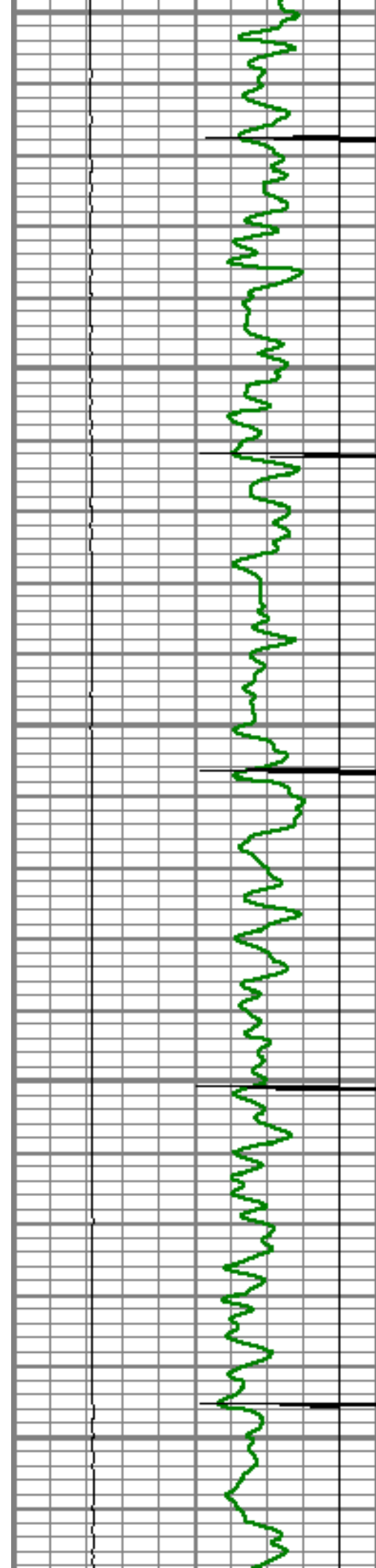
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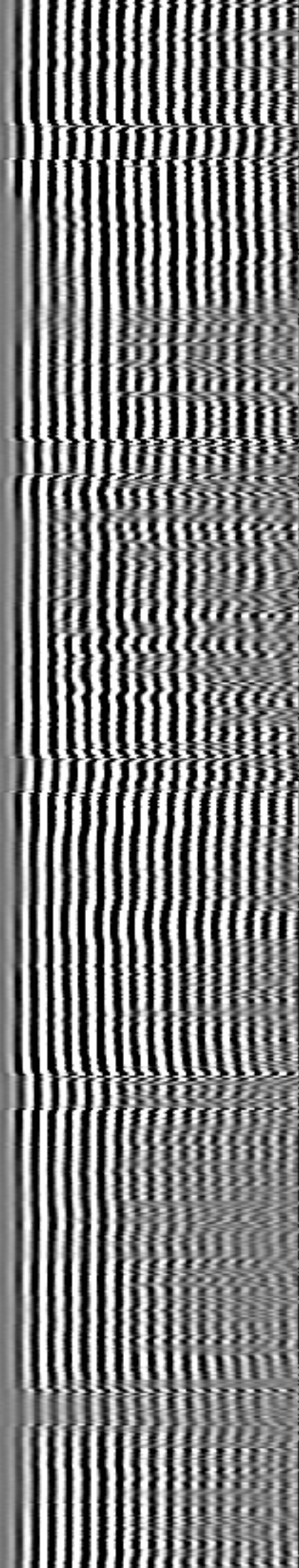
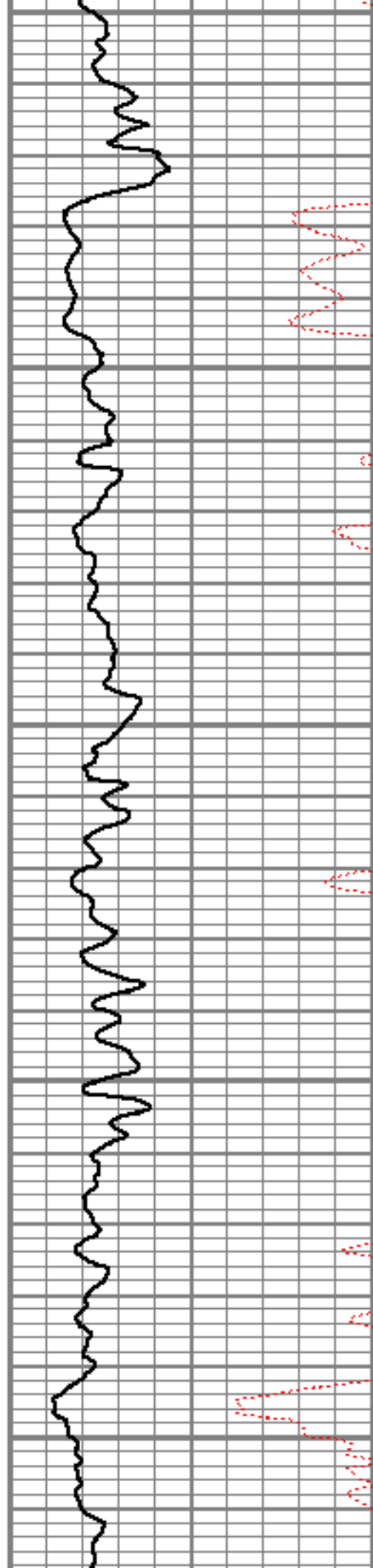
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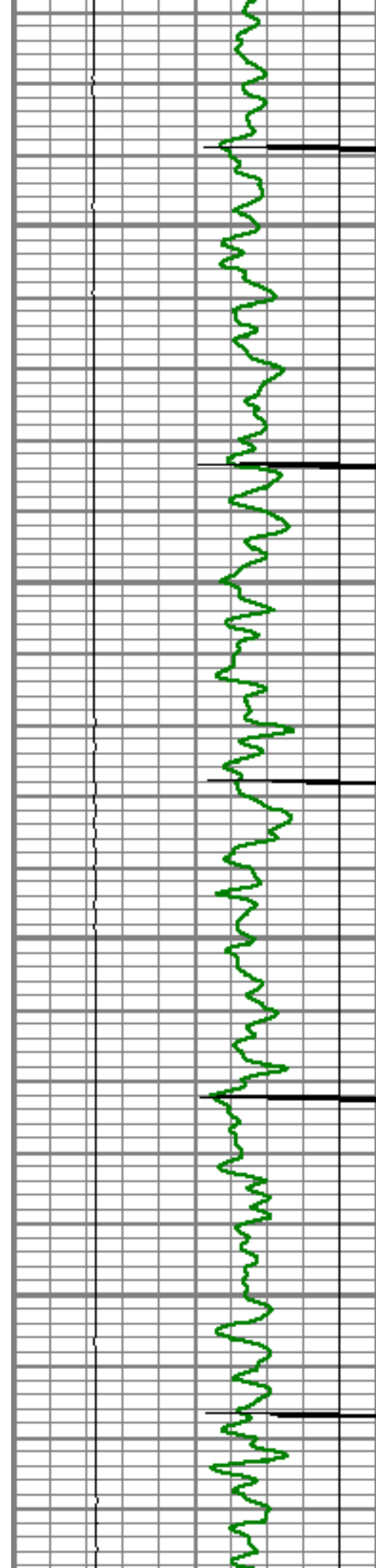
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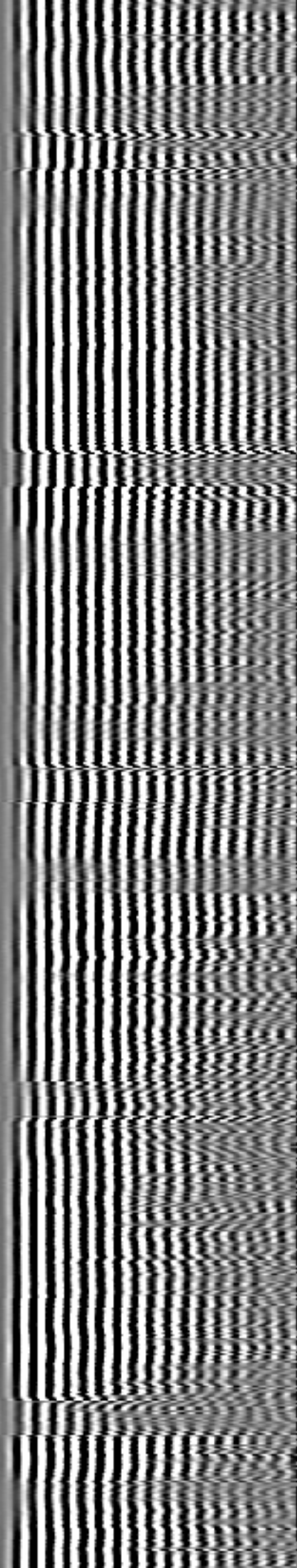
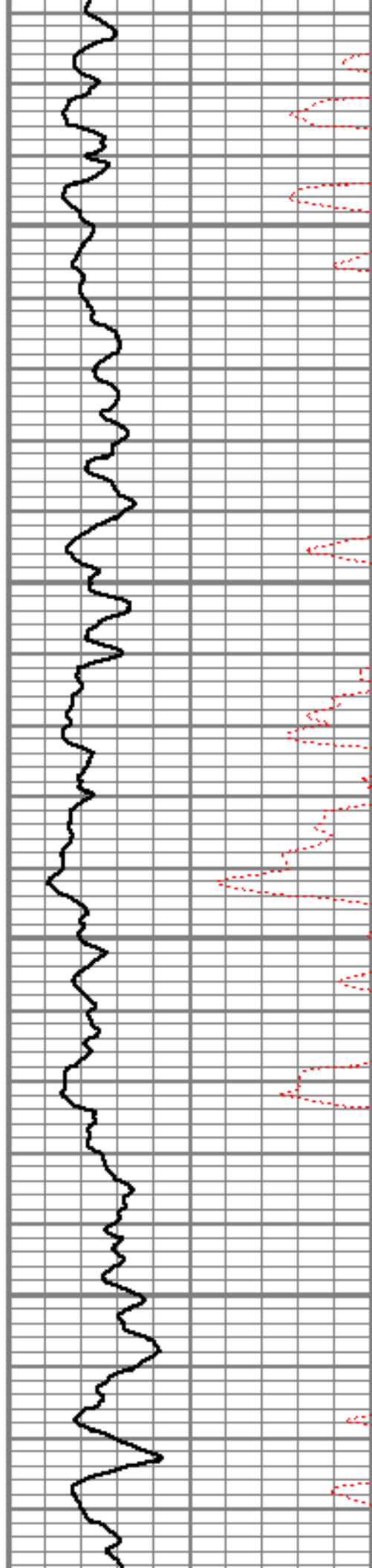


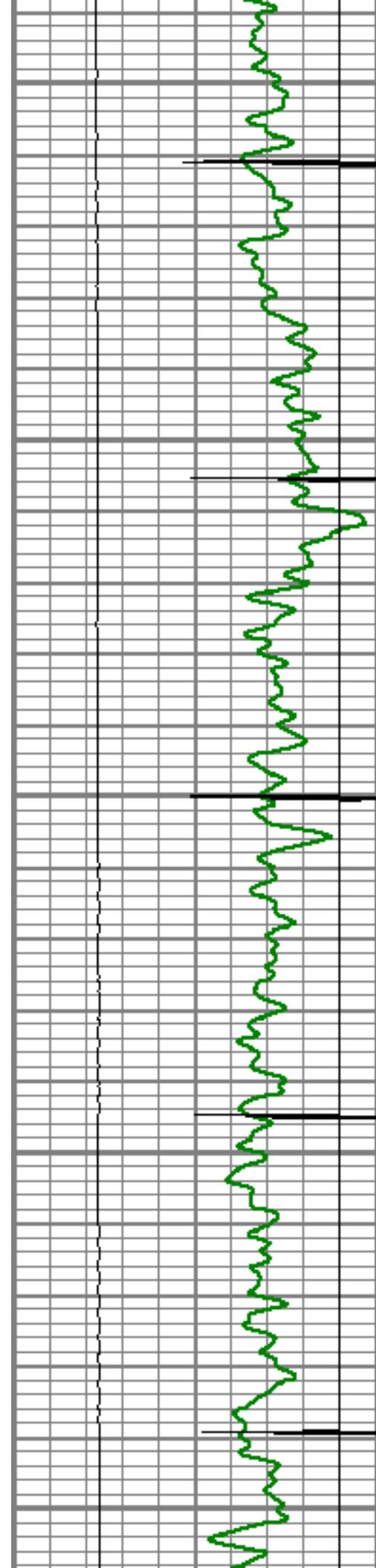
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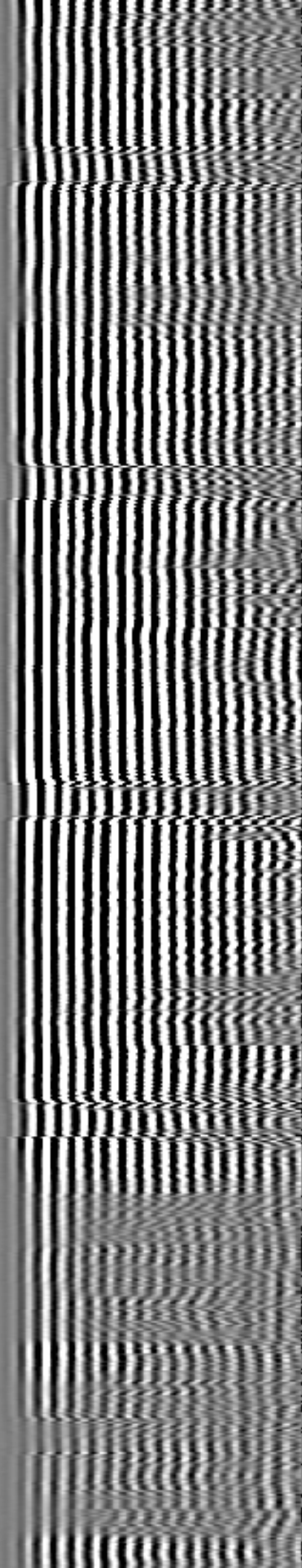
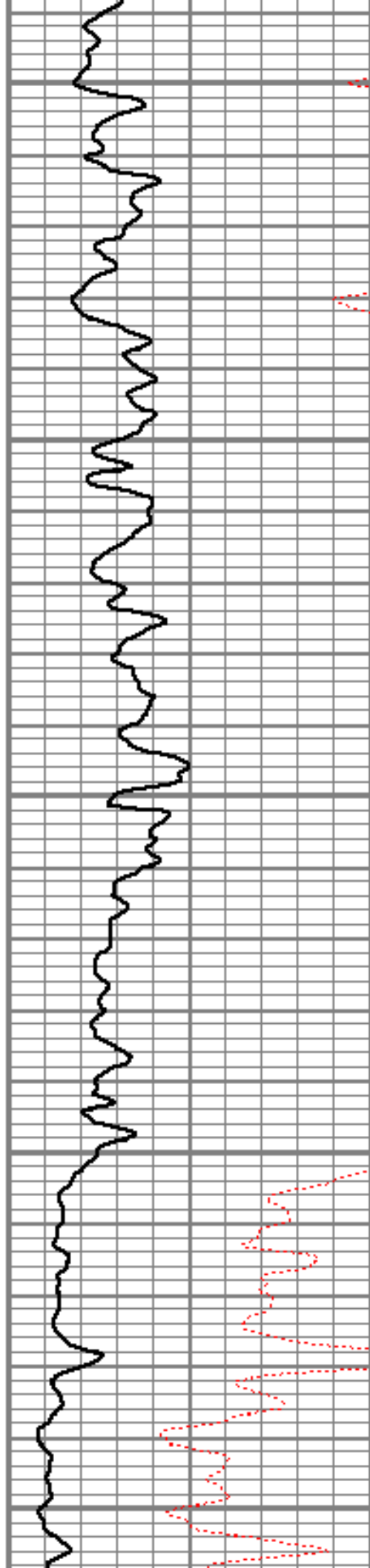
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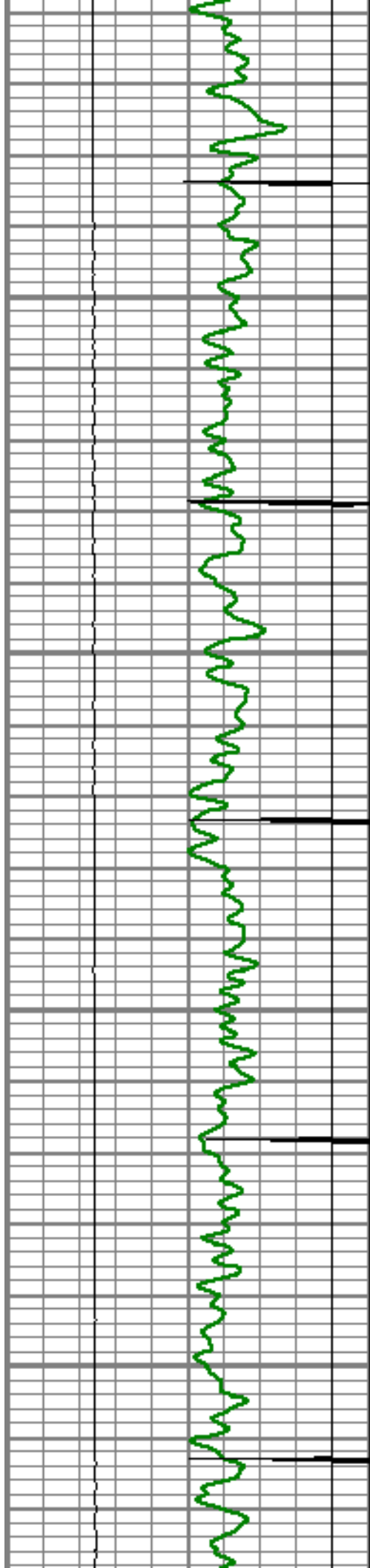
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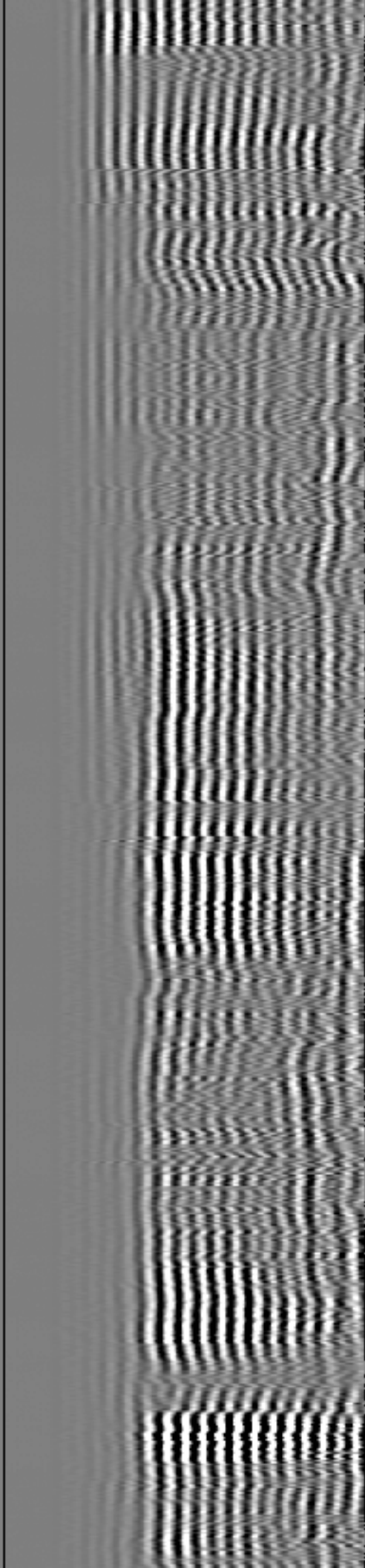
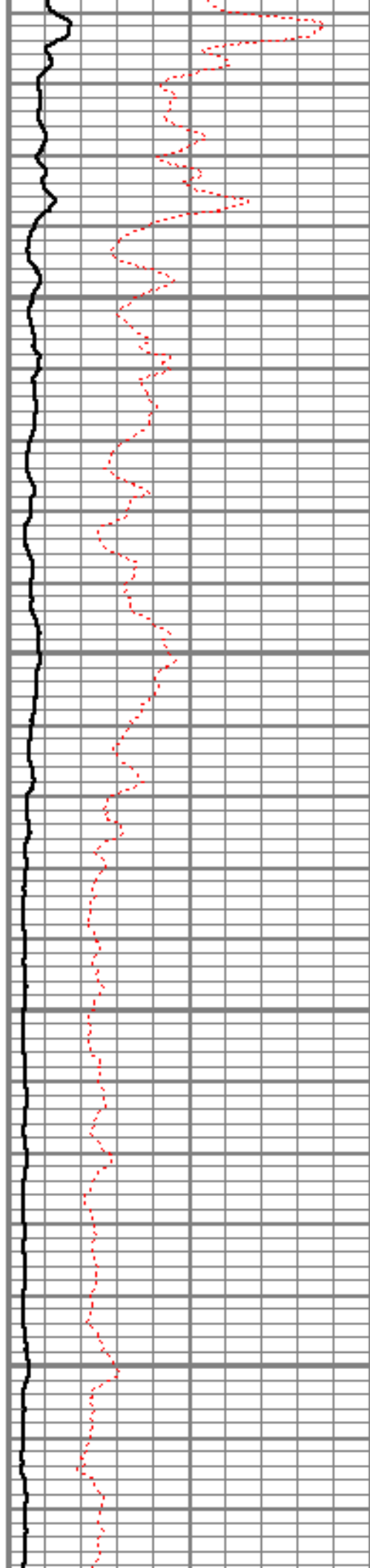


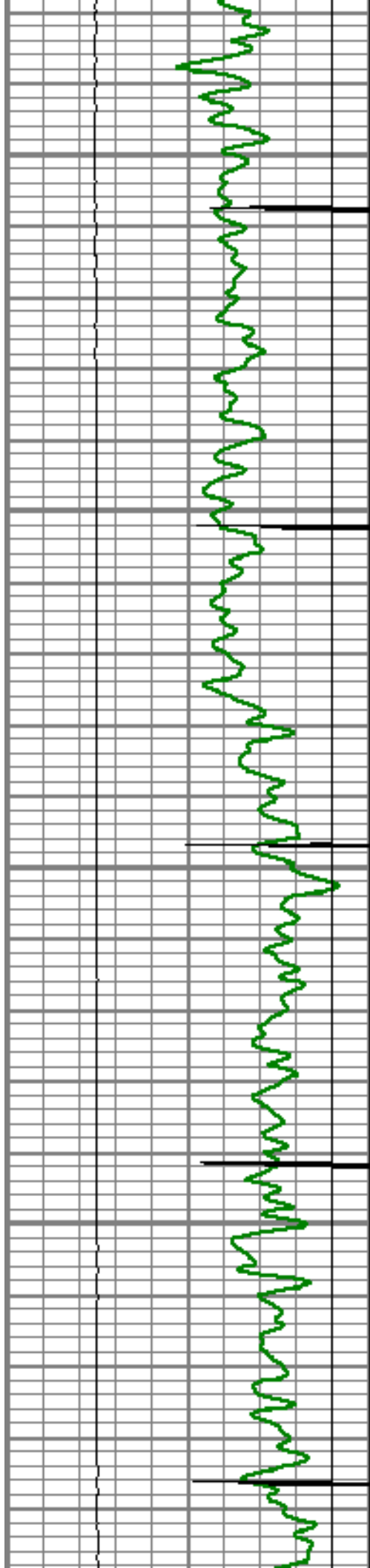
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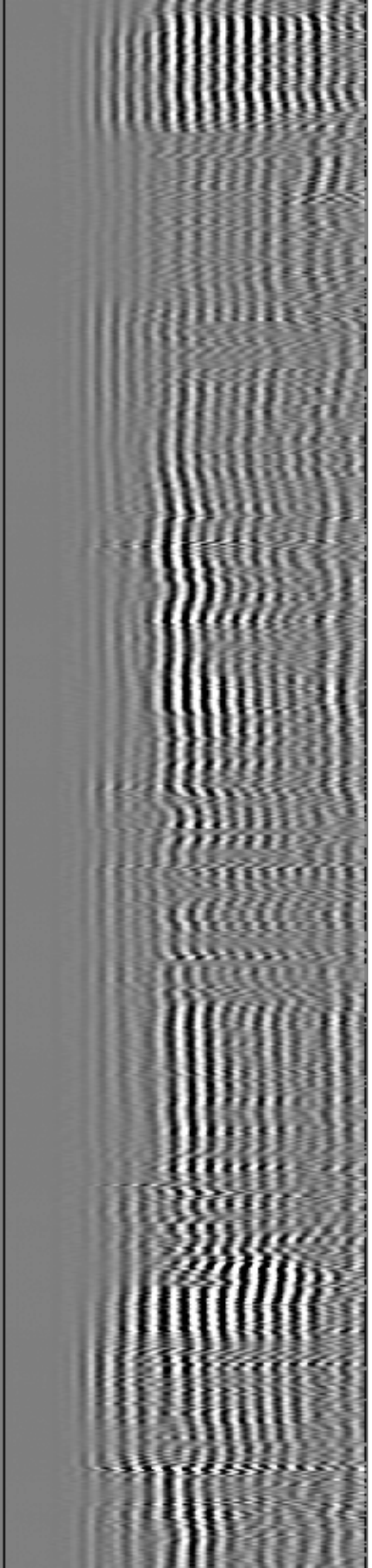
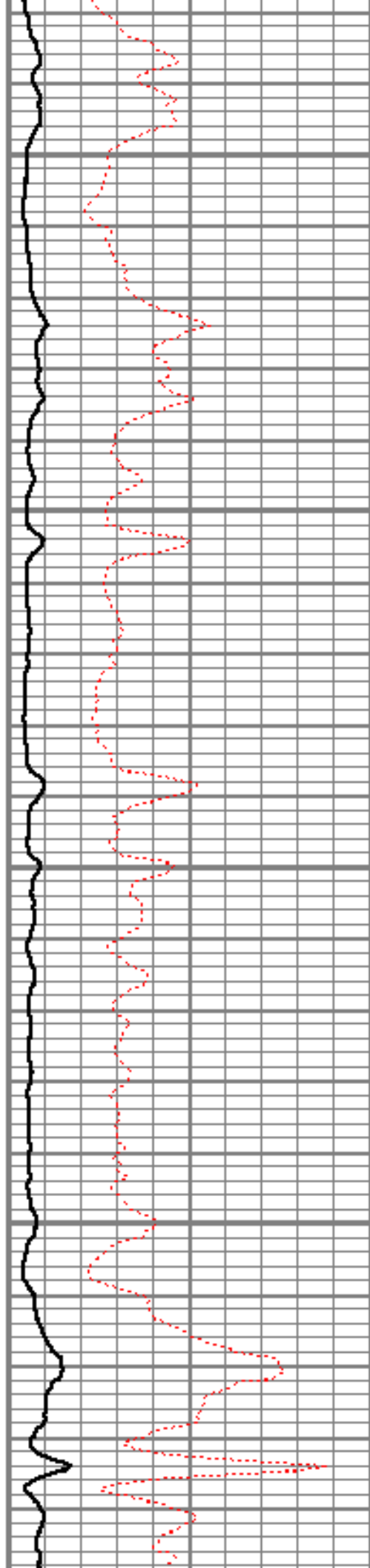


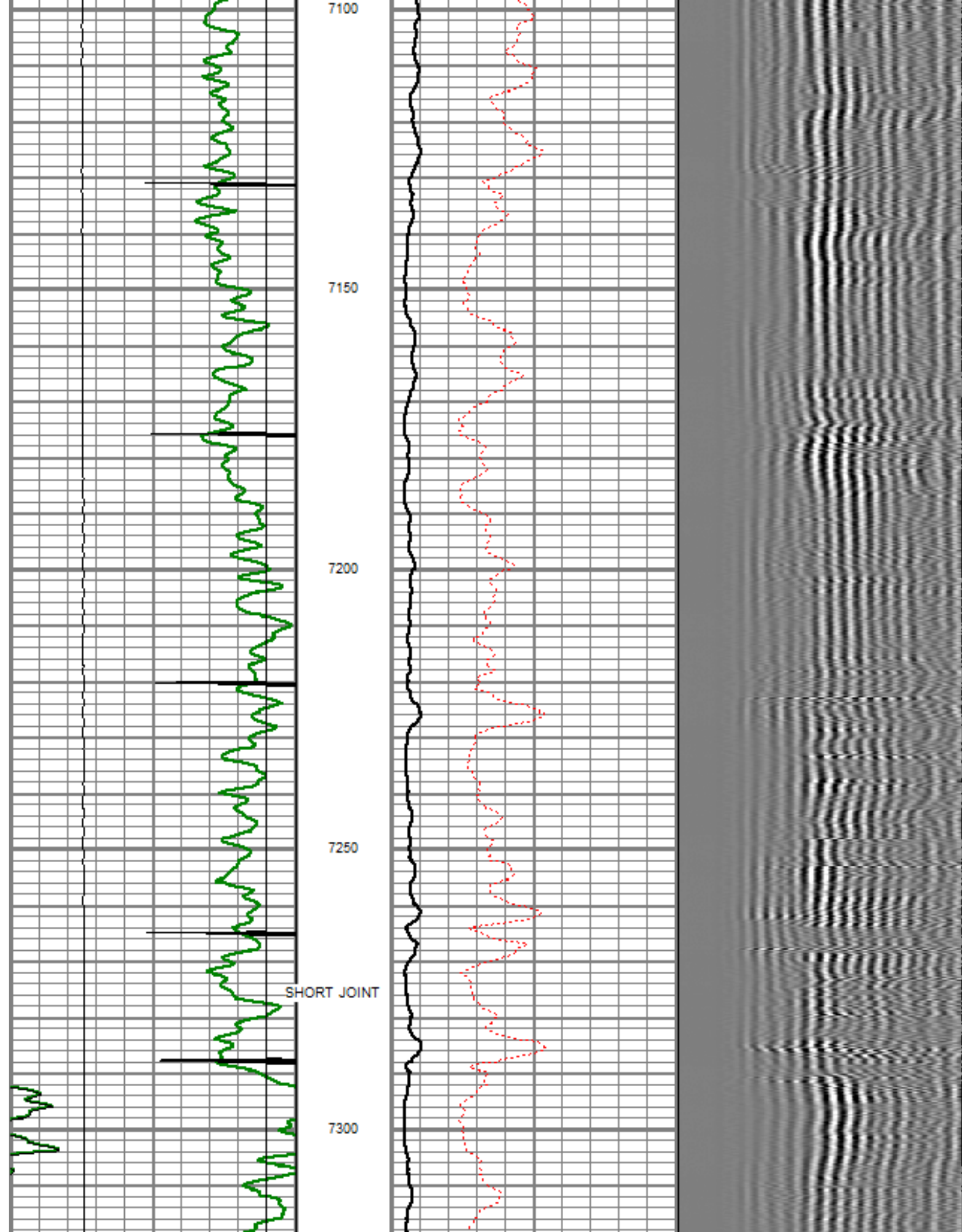
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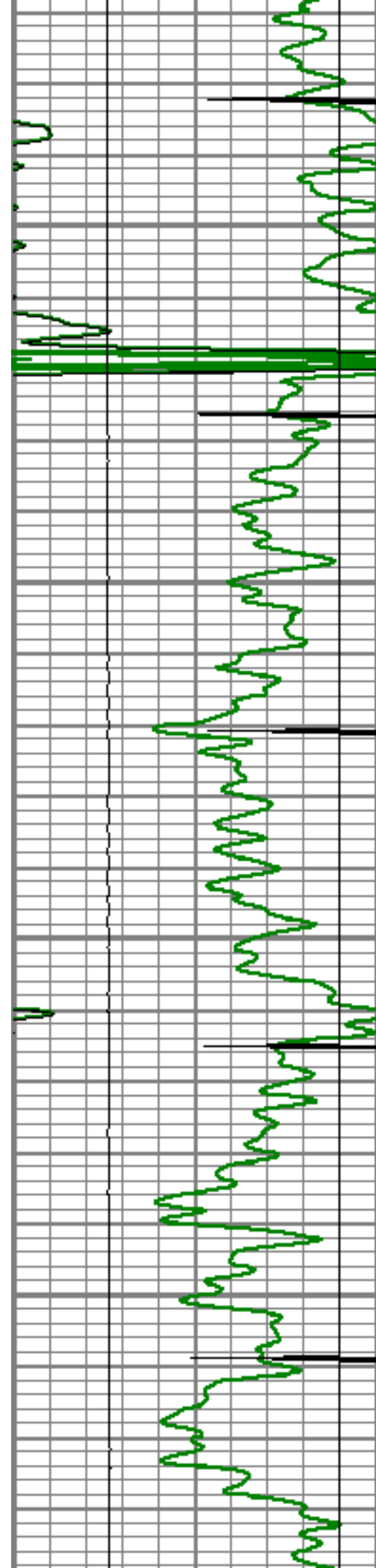
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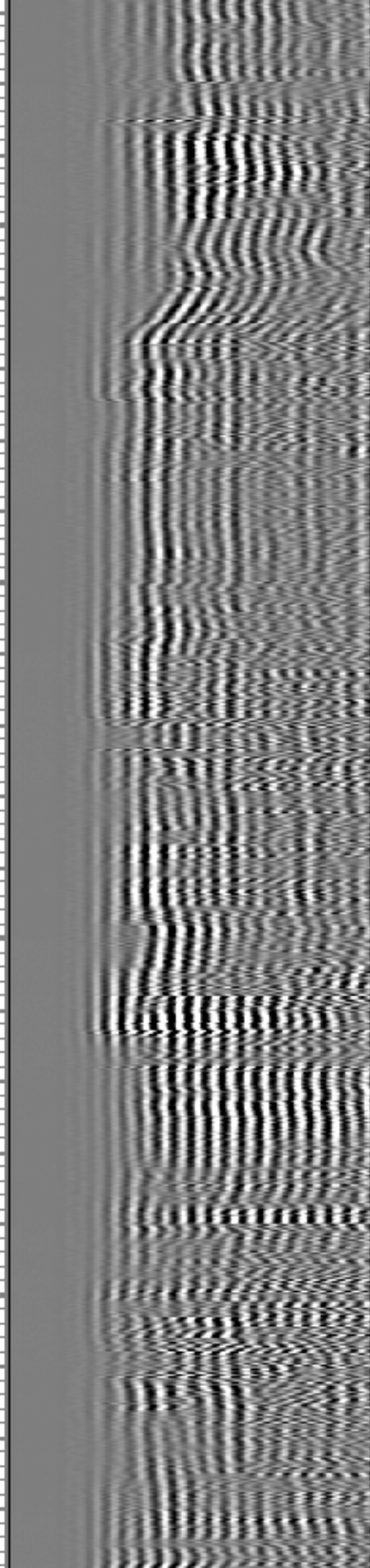
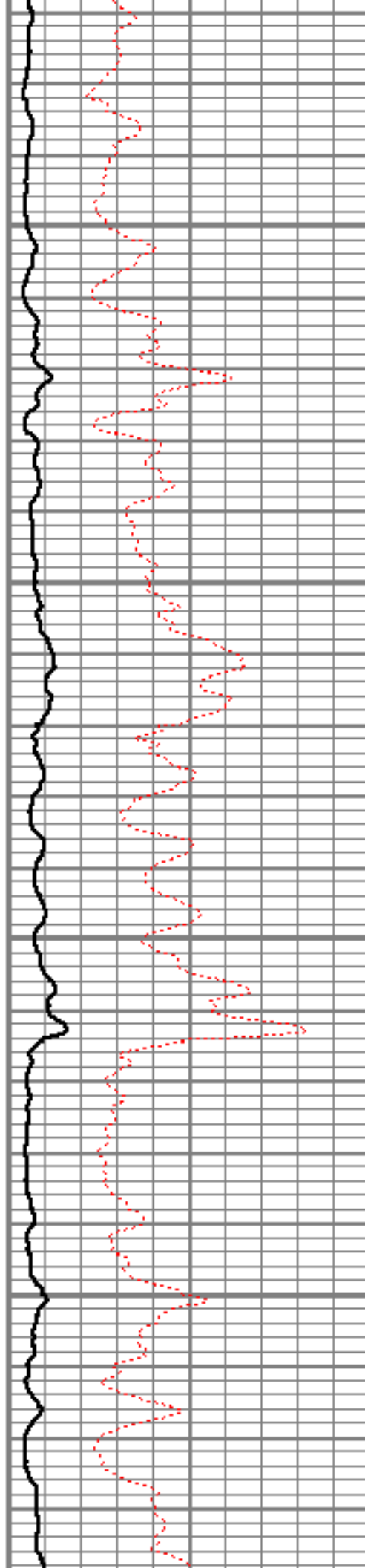


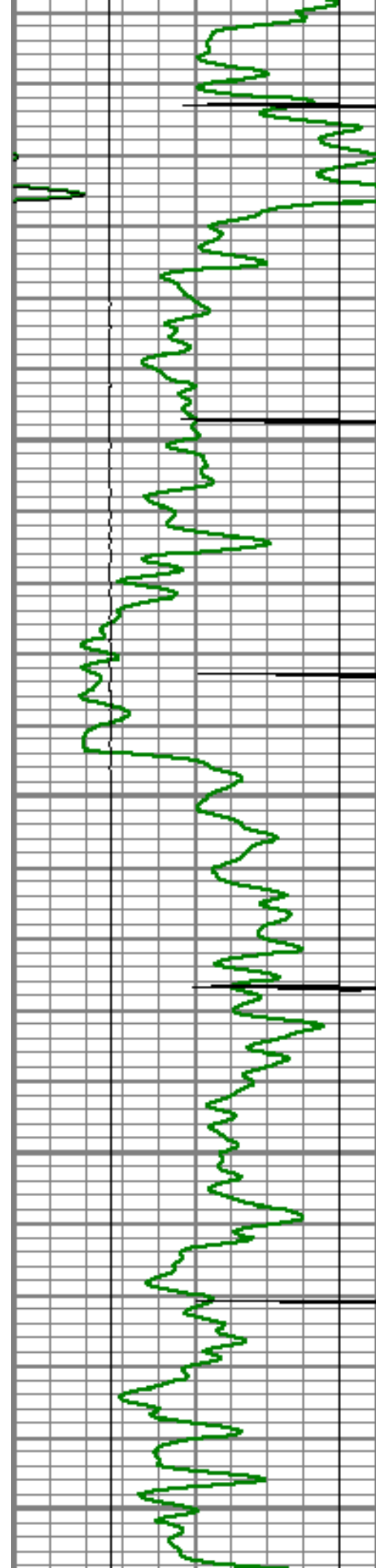
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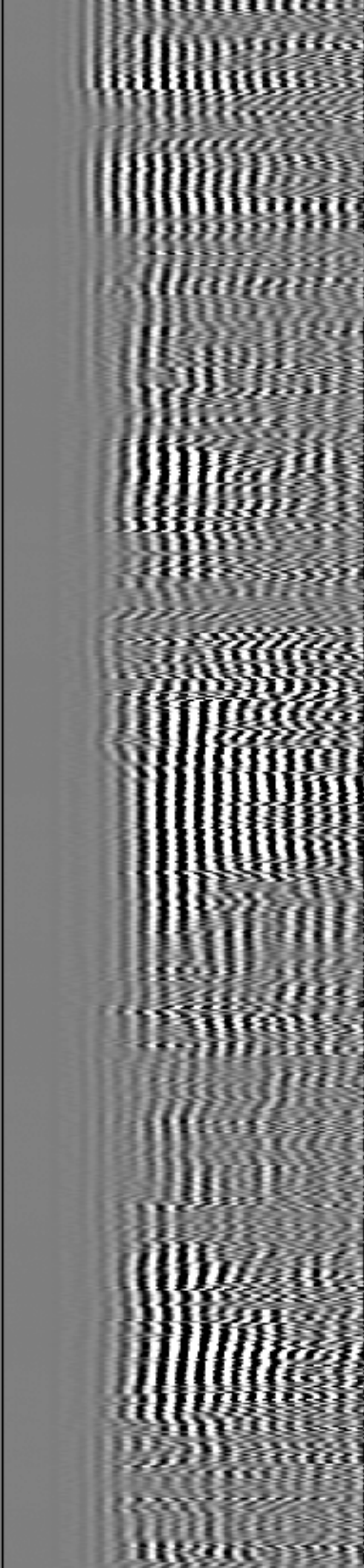
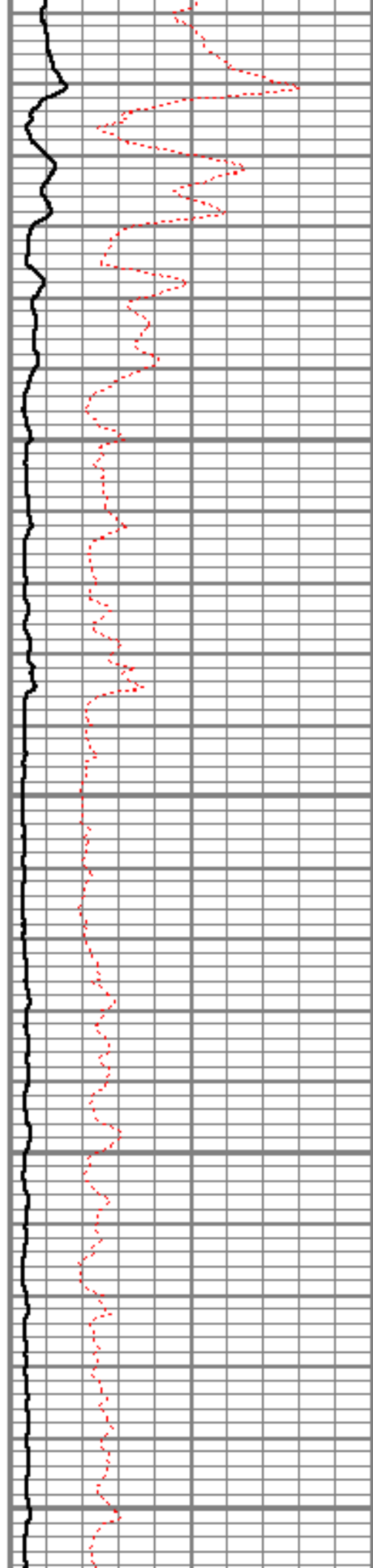
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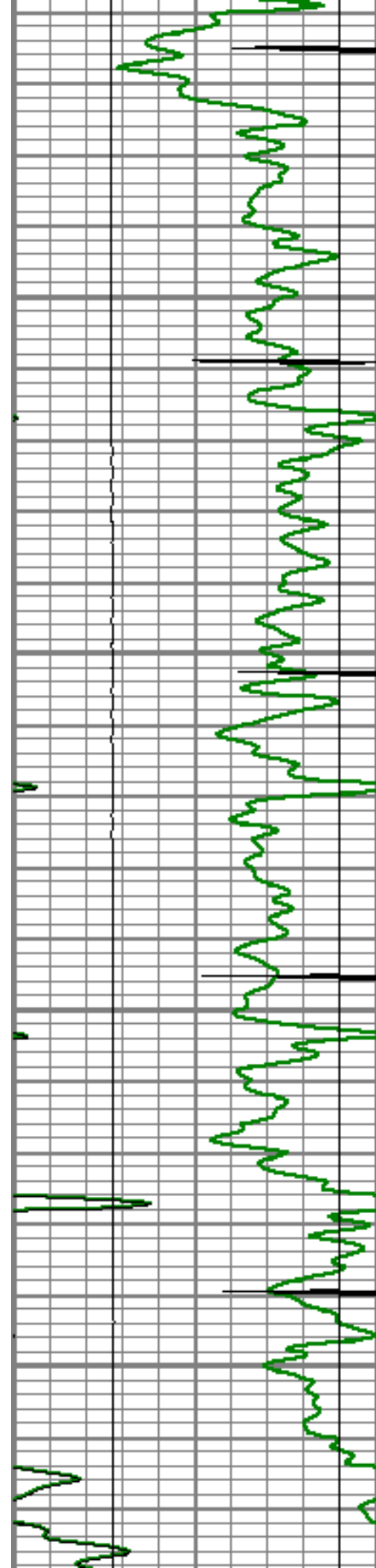
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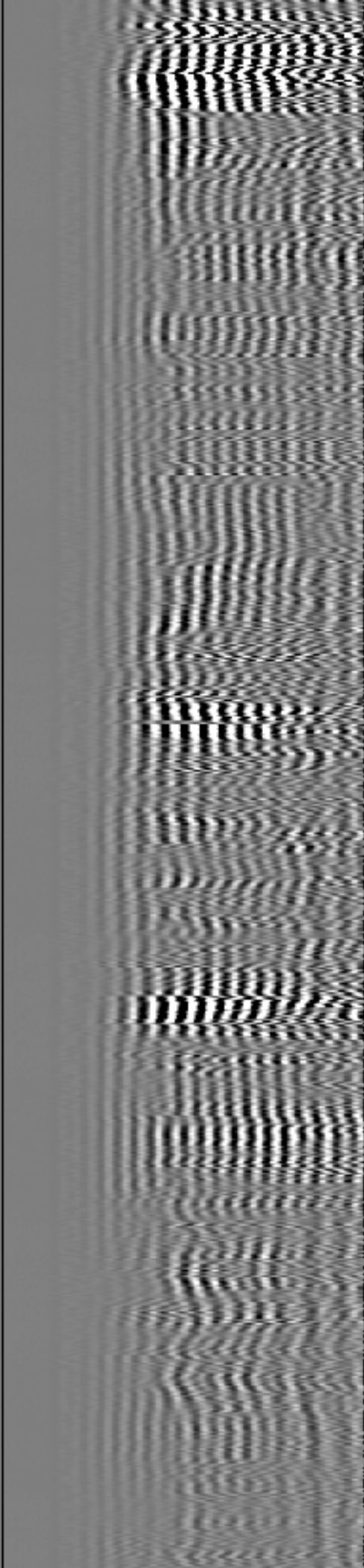
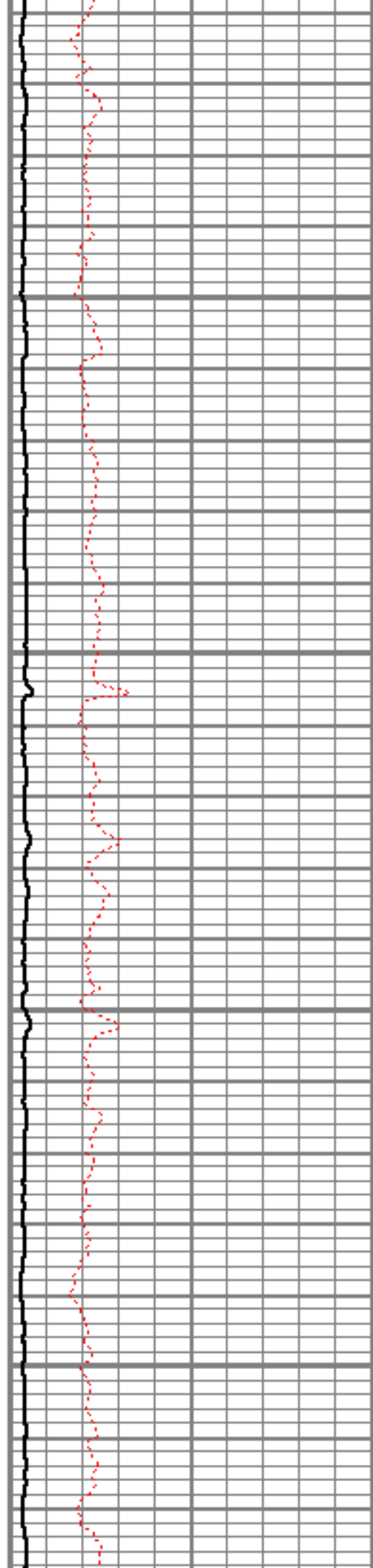


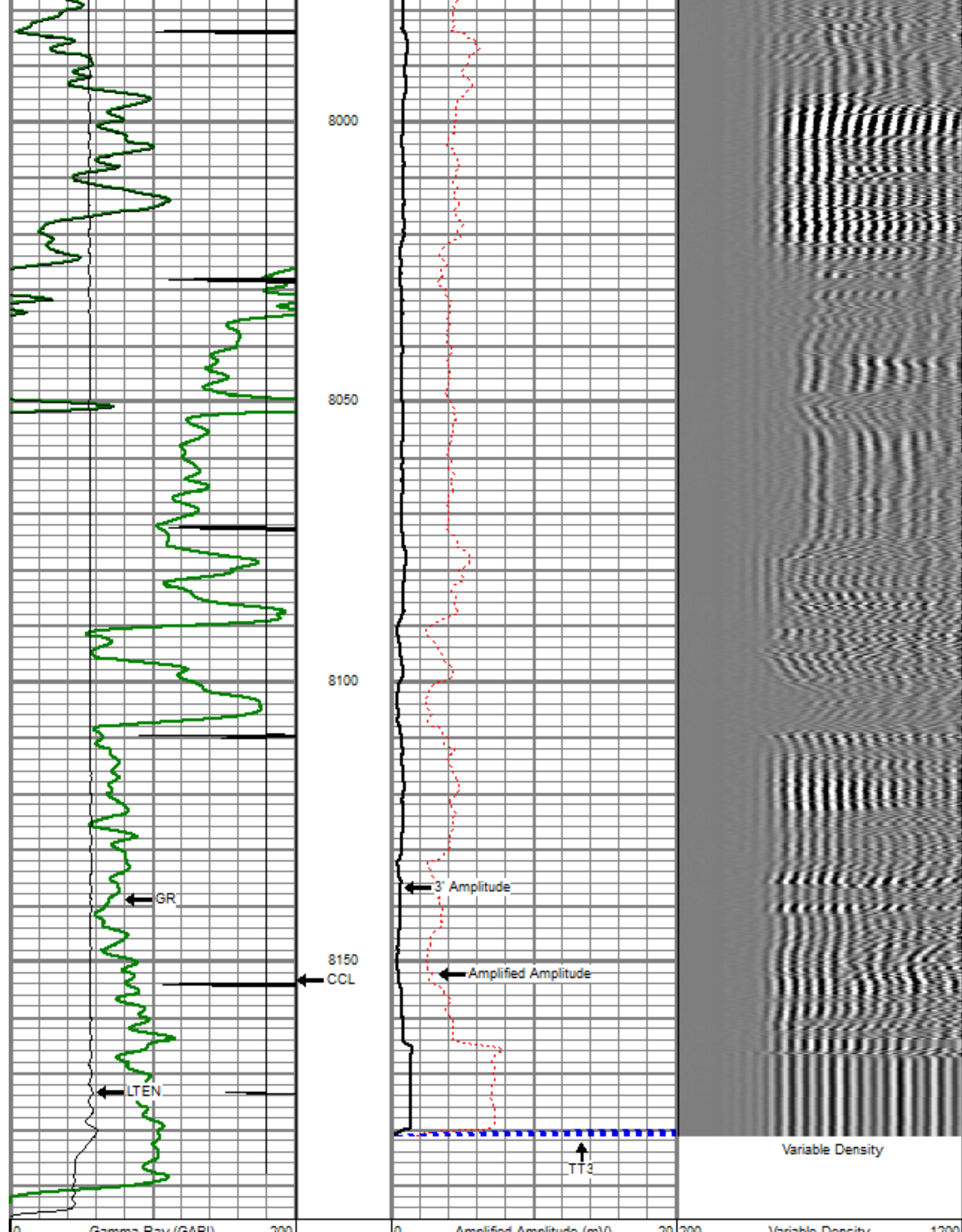
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7850

7900

7950





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

0	Amplified Amplitude (mV)	20	200
0	Amplitude (mV)	100	
0	TT3 (usec)	280	

	Variable Density	1200
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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_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: ione 6-8-2.db: field/well/run1/pass7OH Total Length: 22.96 ft Total Weight: 126.50 lb O.D. 2.75 in					

	Company	ENCANA OIL & GAS (USA) INC
	Well	IONE 6-8-2
	Field	WATTENBERG
	County	WELD
	State	COLORADO