



Mesa Wireline

# CEMENT BOND LOG

Company	ENCANA OIL & GAS (USA) INC
Well	COSSLETT 42-22
Field	WATTENBERG
County	WELD
State	COLORADO
Location:	APL # : 05-123-32703-0000
SEC. 22 TWP. 1N RGE. 68W	SHL: 1496' FNL & 1263' FEL
Permanent Datum	GROUNDLEVEL
Log Measured From	KELLY BUSHING = 13'
Drilling Measured From	KELLY BUSHING
Other Services	NONE
Elevation	K.B. 5198' D.F. 5197' G.L. 5185'

Date	30 DECEMBER 2011
Run Number	ONE
Depth Driller	8528'
Depth Logger	8476'
Bottom Logged Interval	8476'
Top Log Interval	3800'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	~8.3#
Max. Recorded Temp.	261 DEG F
Estimated Cement Top	4010'
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	10901 PRD 01
Location	AULT, CO
Recorded By	Z. EMICK
Witnessed By	C. REYES
Borehole Record	
Run Number	Bit From To Size Weight From To
ONE	12.25" 0" 1015'
TWO	7.875" 0" 8540'
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' 8528'
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 7669' - 7691'

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



TOP PASS

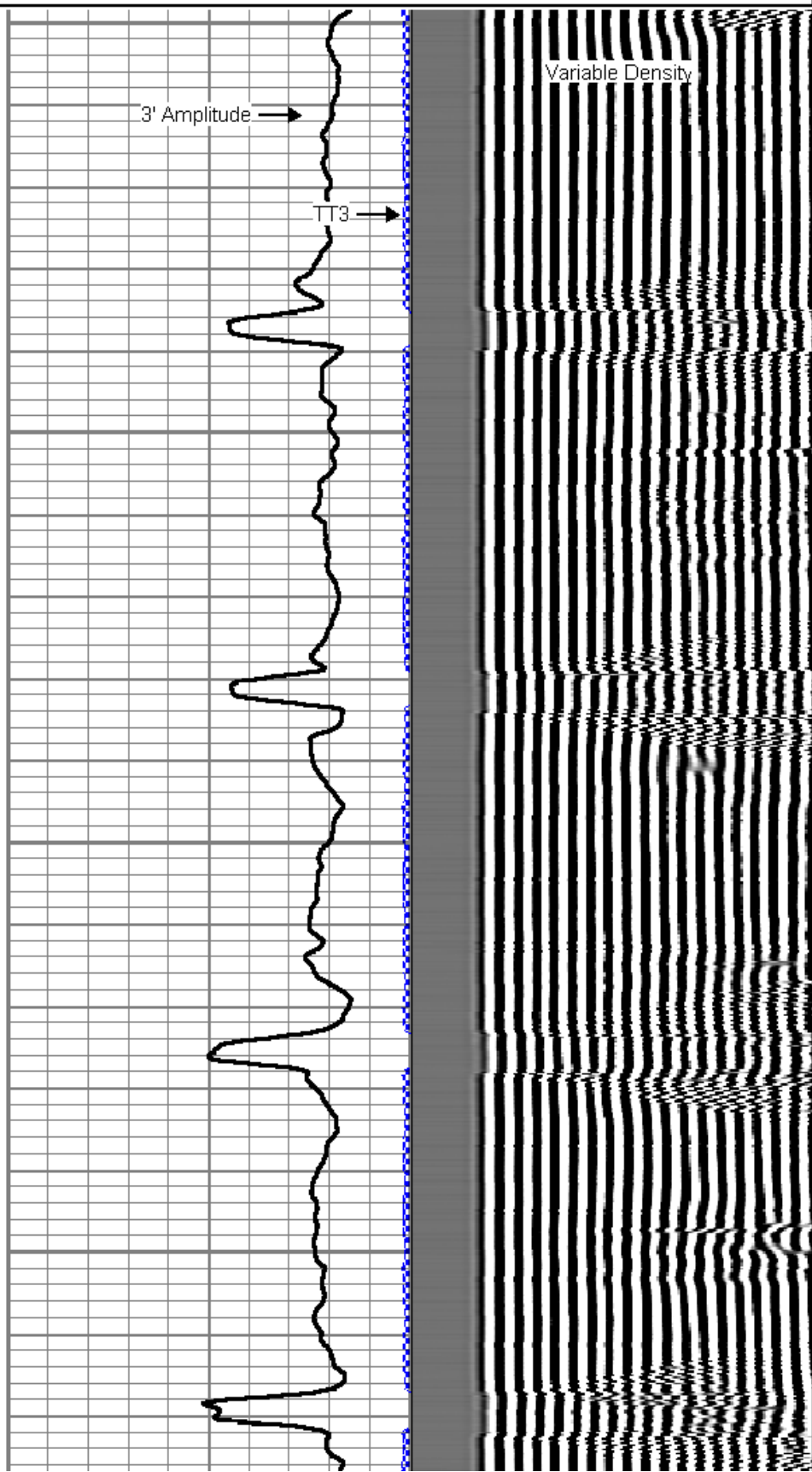
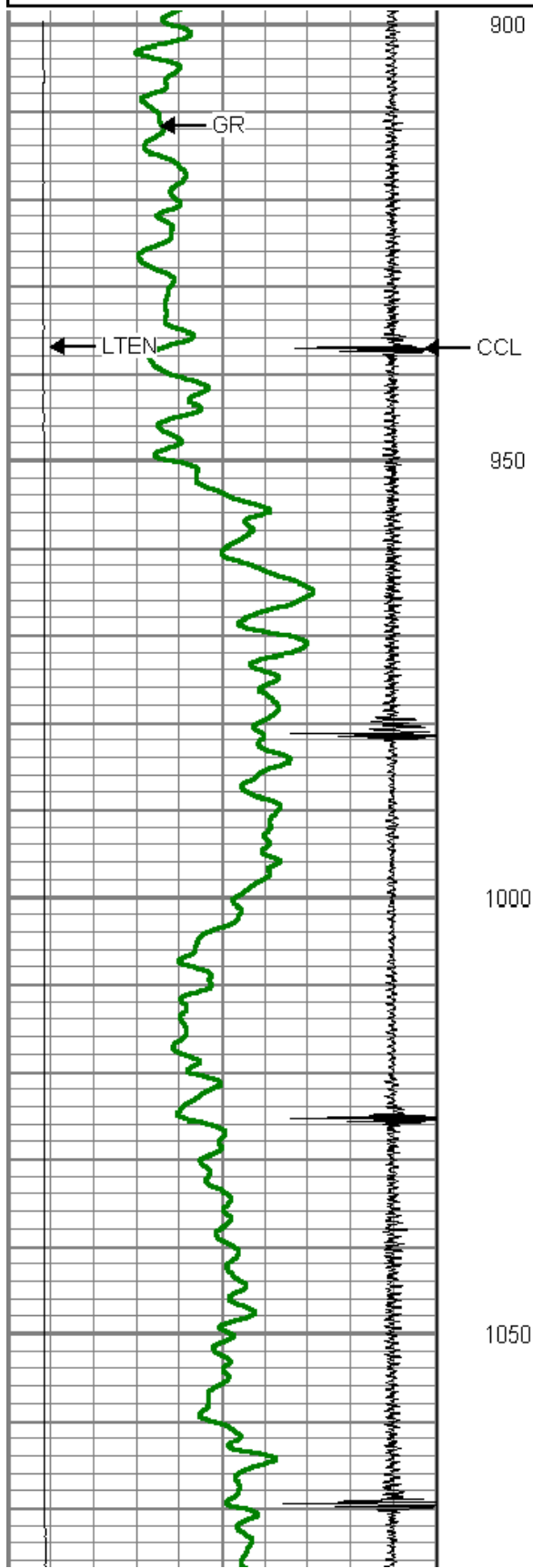
5" = 100'

# Mesa Wireline

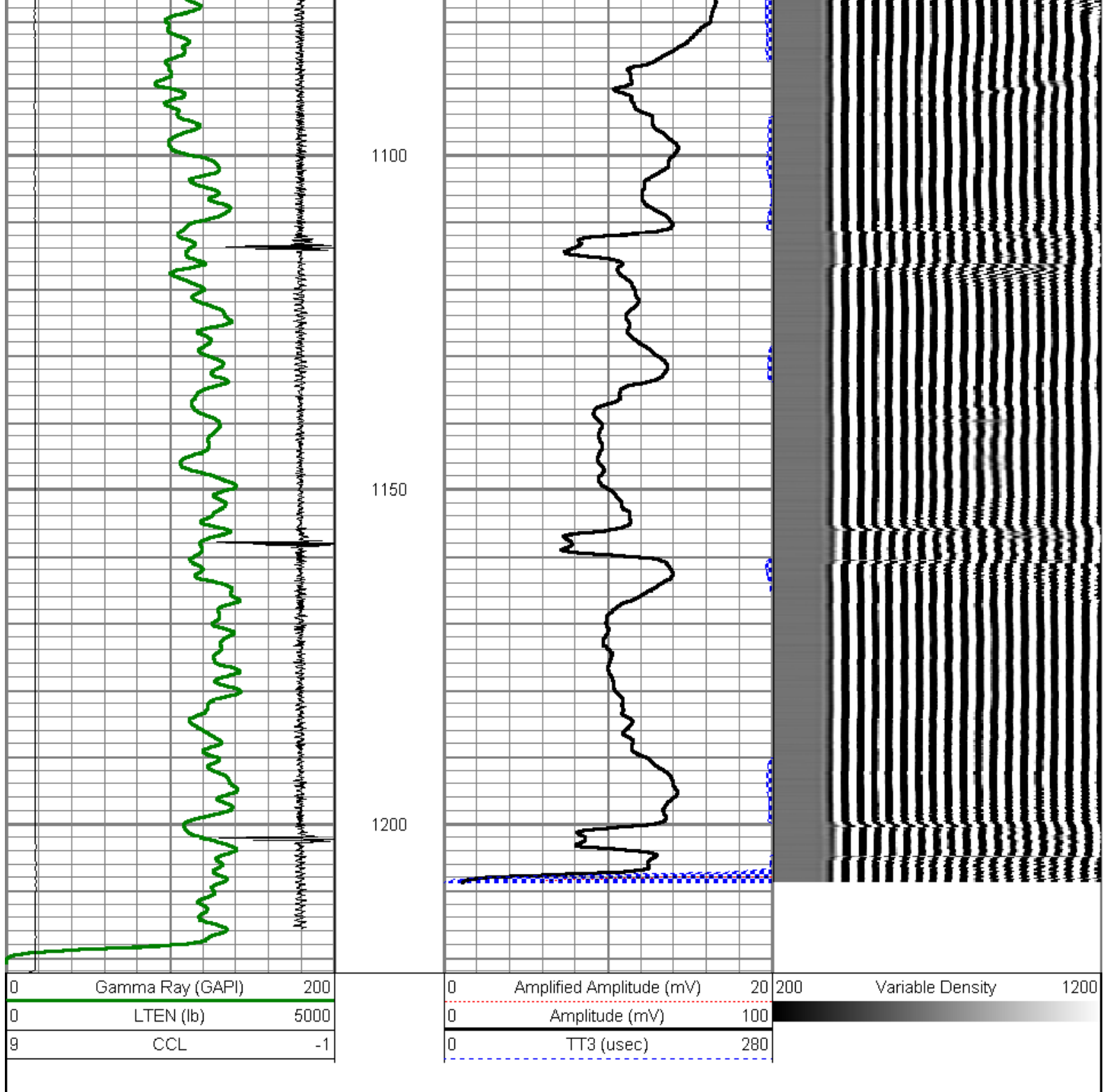
Database File: cossett 42-22.db  
 Dataset Pathname: pass8.1  
 Presentation Format: dcbl\_prb  
 Dataset Creation: Fri Dec 30 17:27:38 2011 by Calc SCH 110722  
 Charted by: Depth in Feet scaled 1:240

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

0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	Amplitude (mV)	100			
0	TT3 (usec)	280			



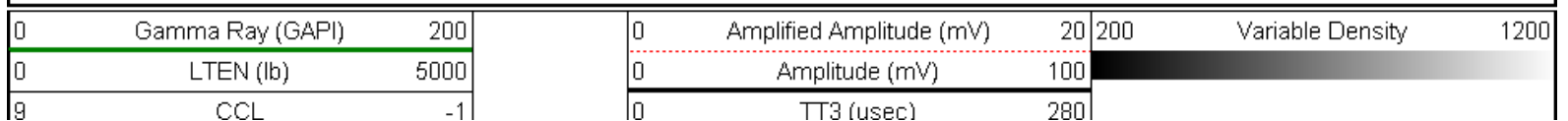
Variable Density

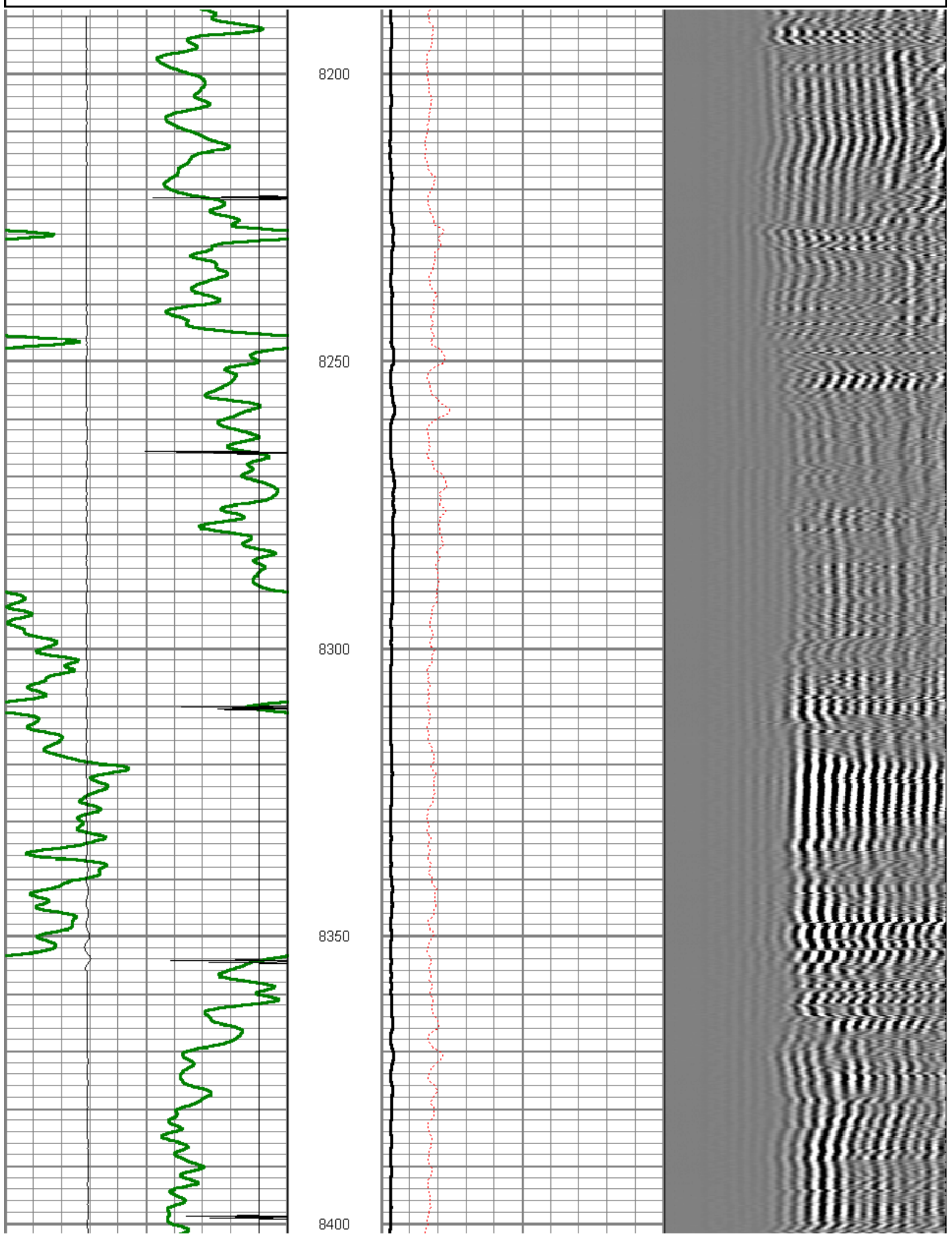


REPEAT PASS

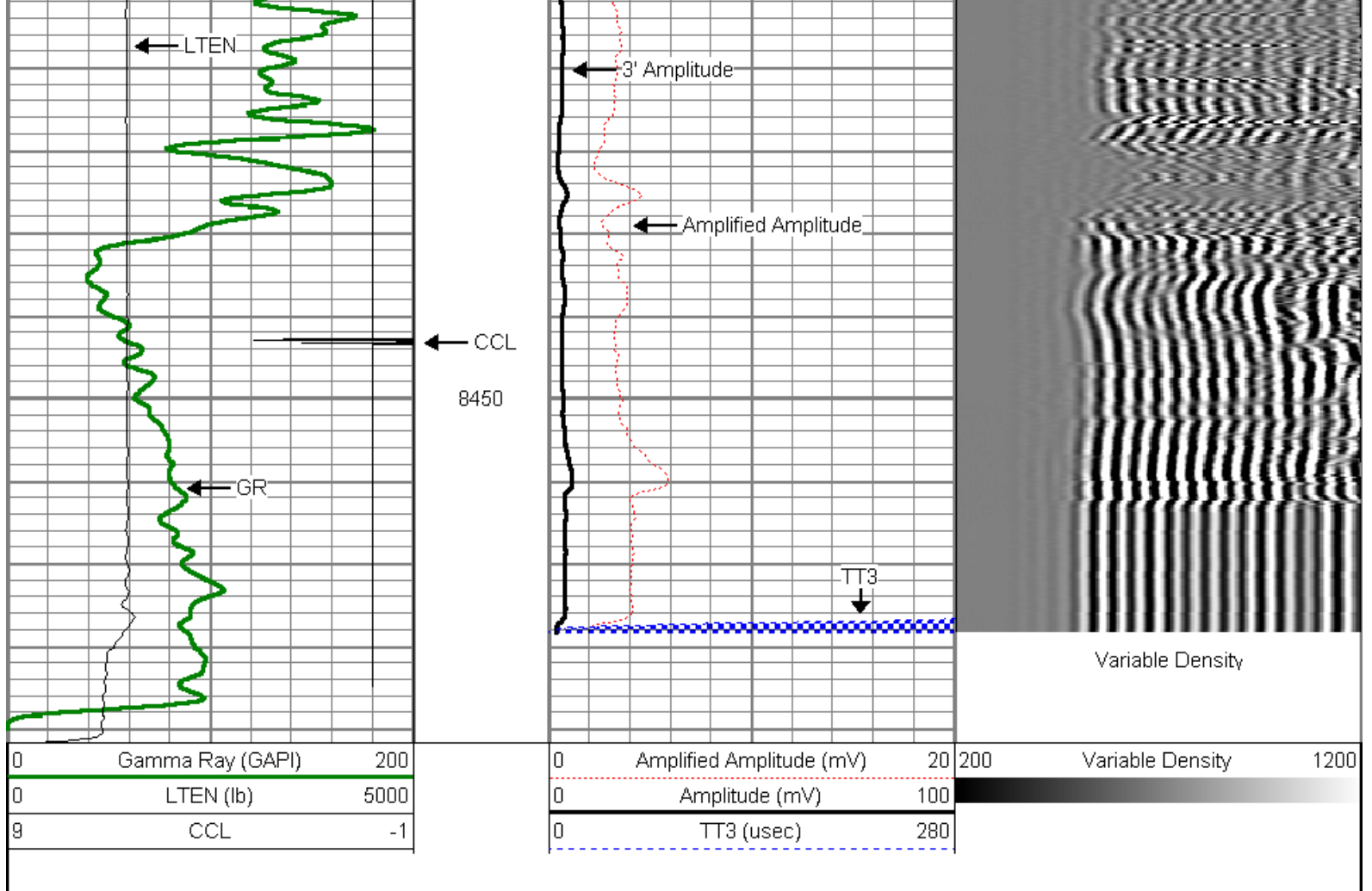
5" = 100'

Database File: cosslett 42-22.db  
 Dataset Pathname: pass4  
 Presentation Format: dcb\_l\_prb  
 Dataset Creation: Fri Dec 30 12:11:33 2011 by Log SCH 110722  
 Charted by: Depth in Feet scaled 1:240





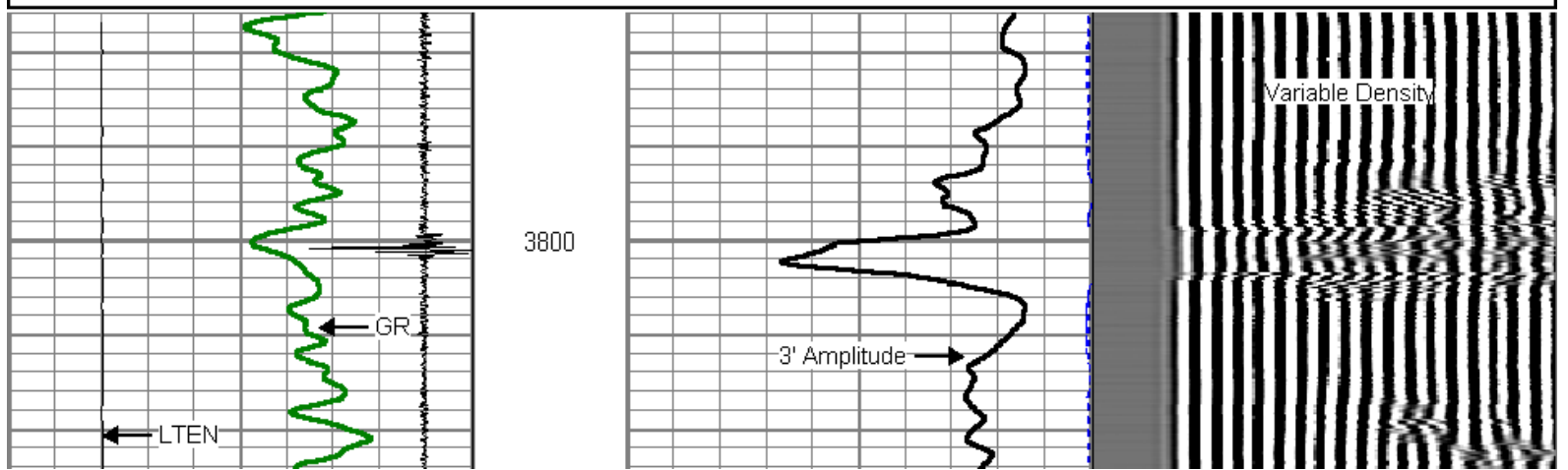
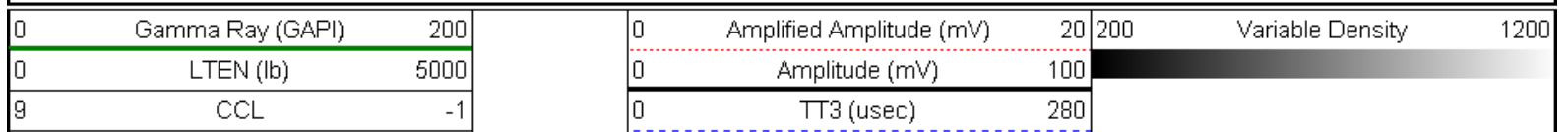


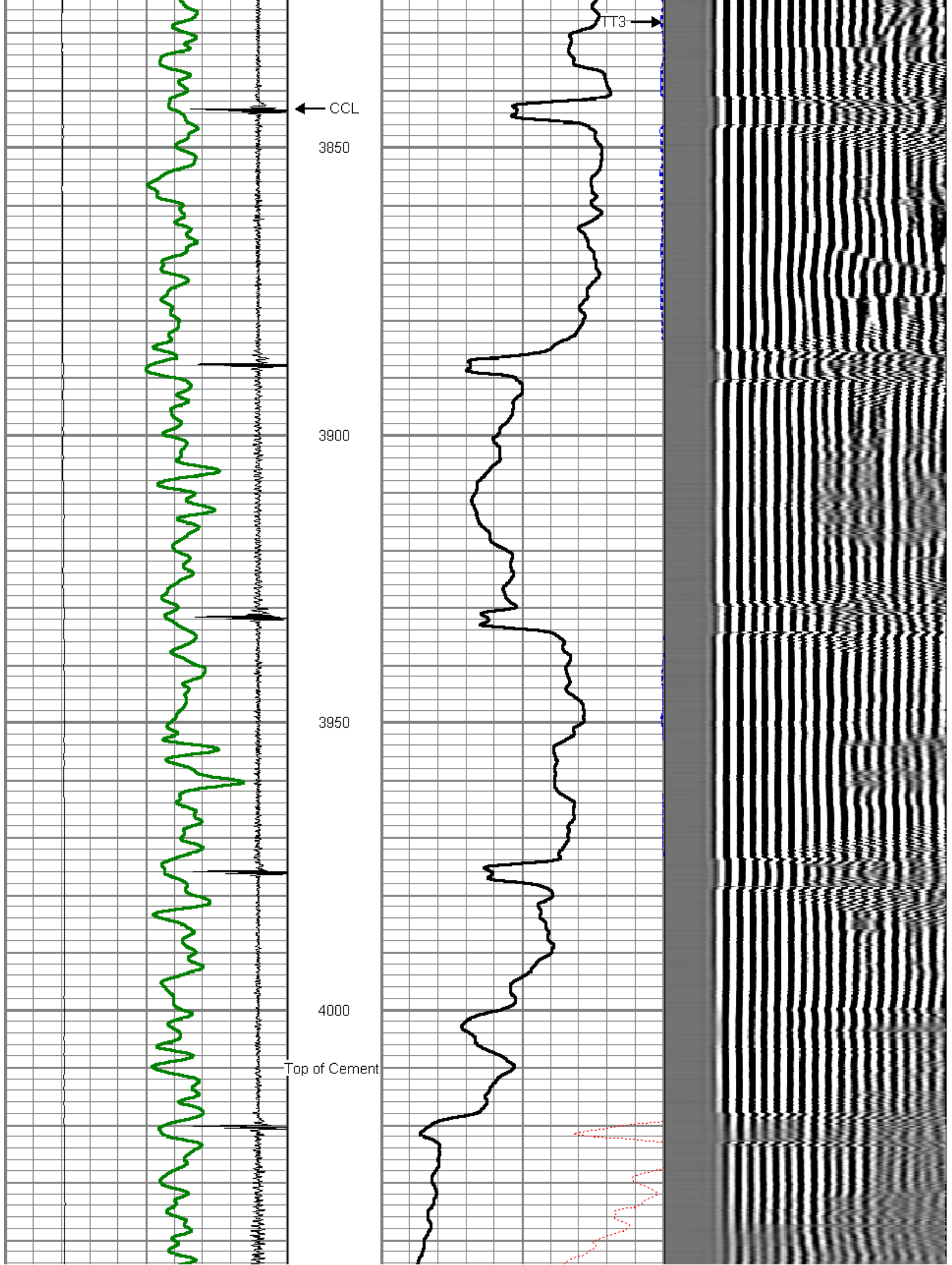


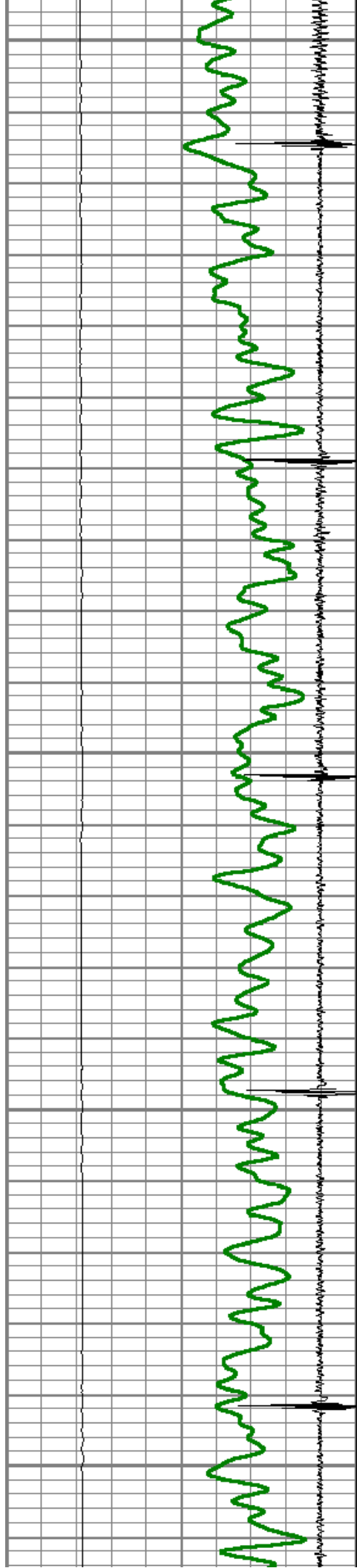
## MAIN PASS

5" = 100'

Database File: cosslett 42-22.db  
 Dataset Pathname: pass7.1  
 Presentation Format: dcb\_lprb  
 Dataset Creation: Fri Dec 30 17:10:29 2011 by Calc SCH 110722  
 Charted by: Depth in Feet scaled 1:240







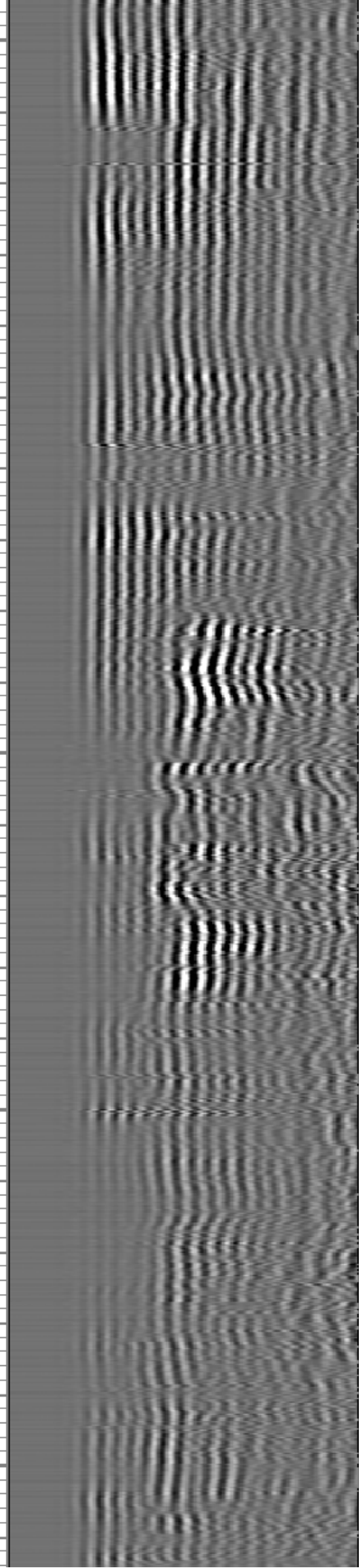
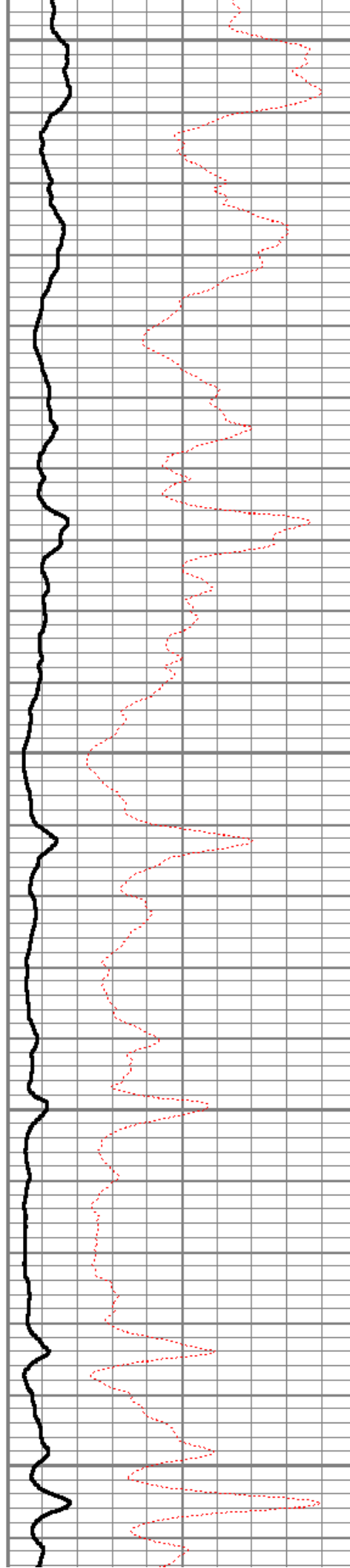
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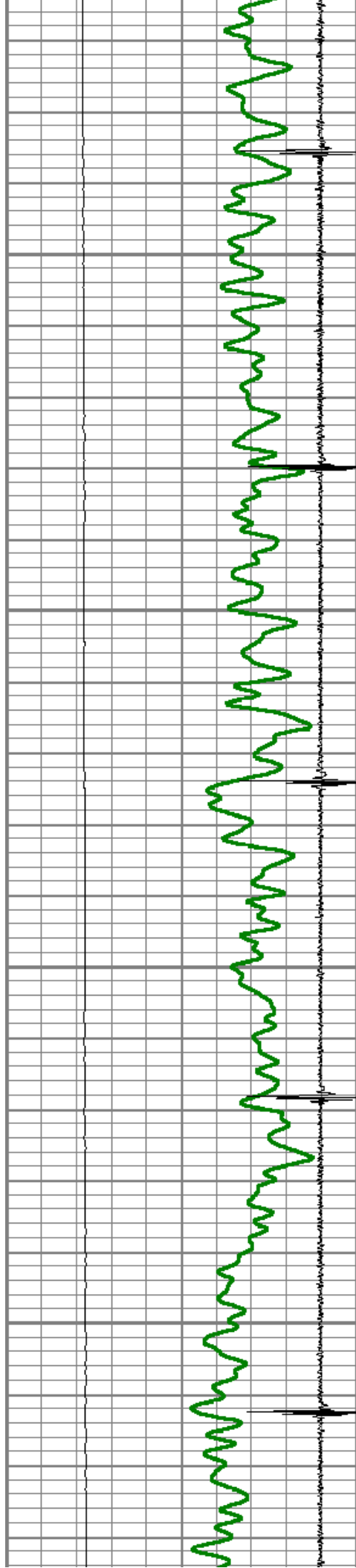
4100

4150

4200

4250



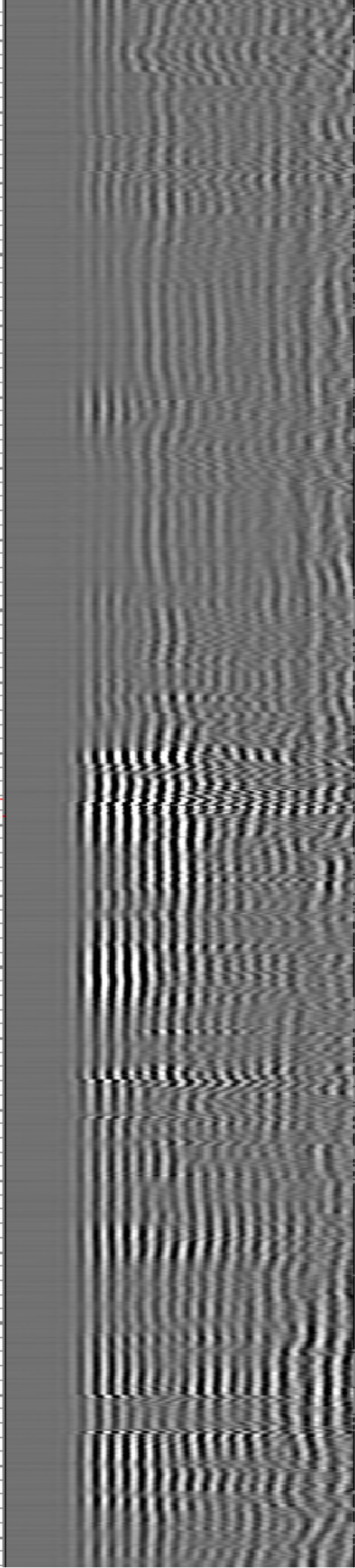
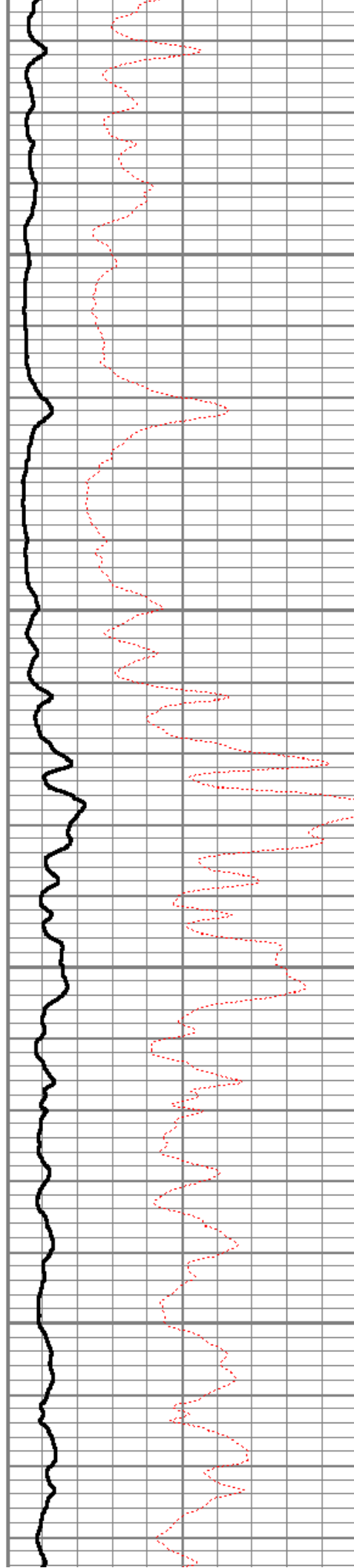


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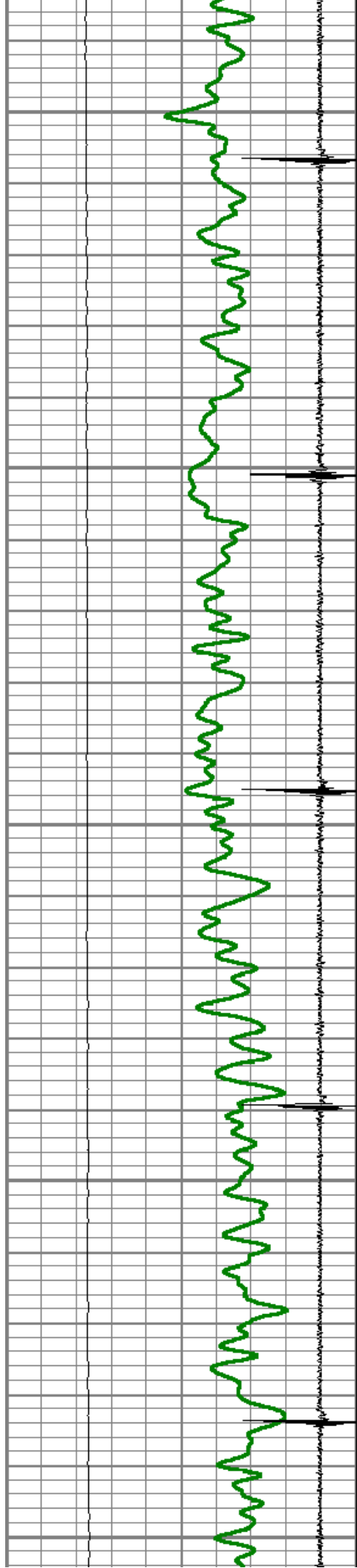
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4450







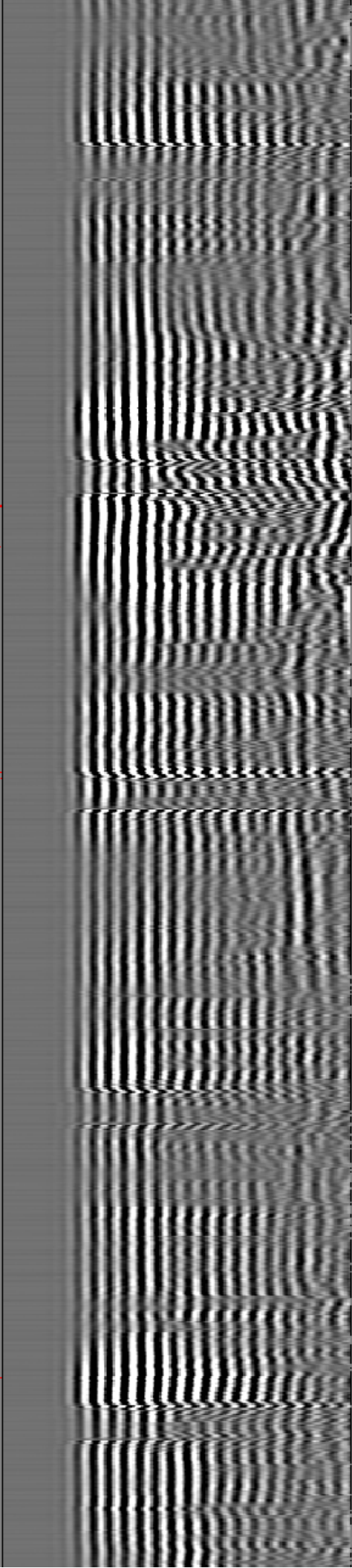
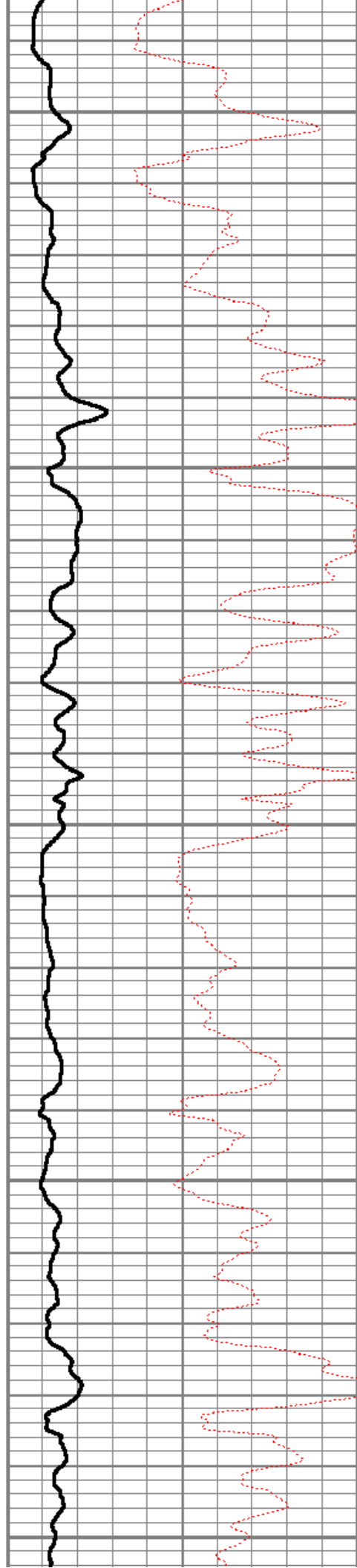
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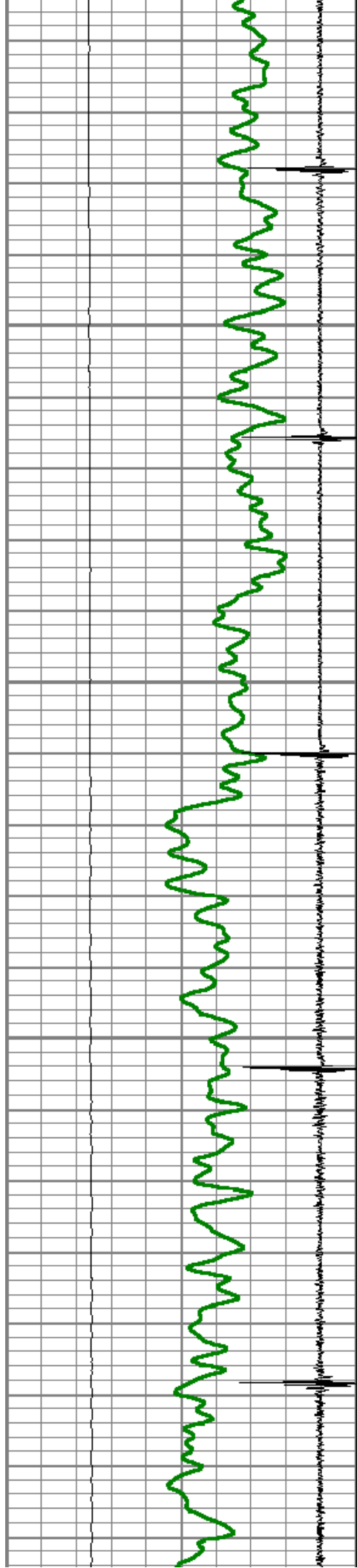
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4600

4650

4700



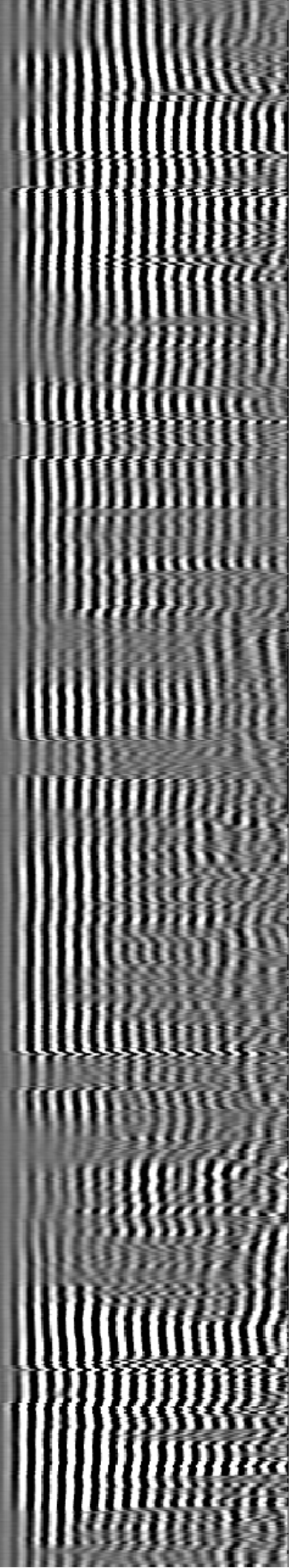
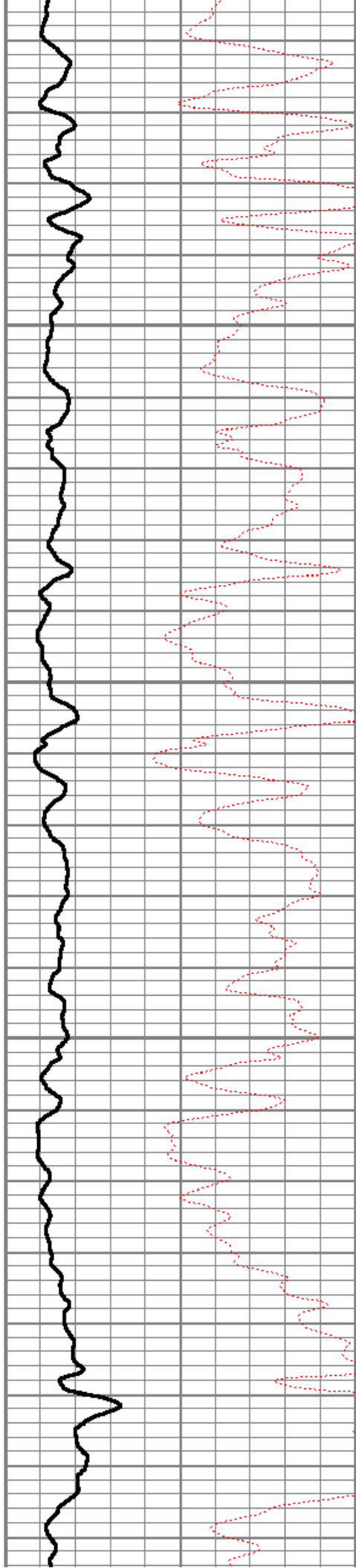


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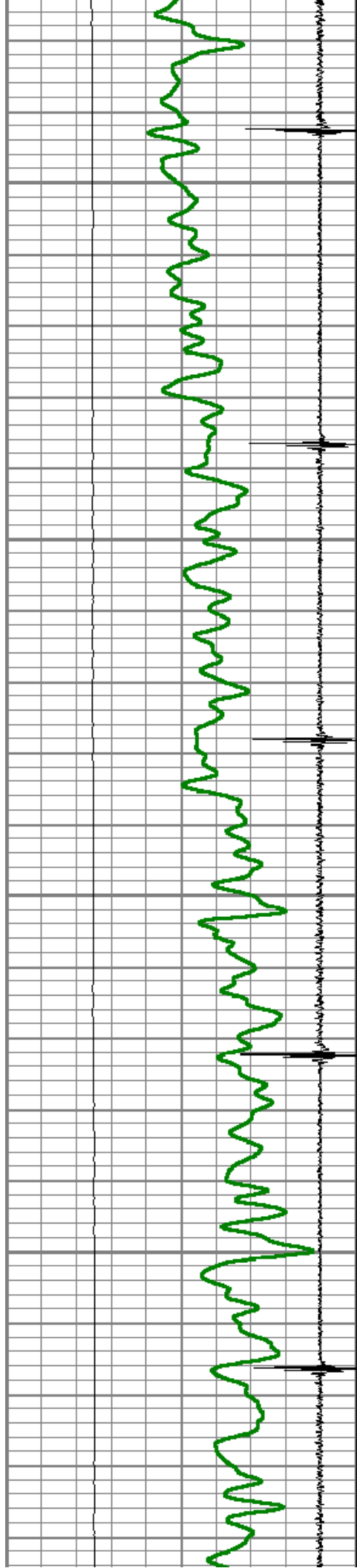
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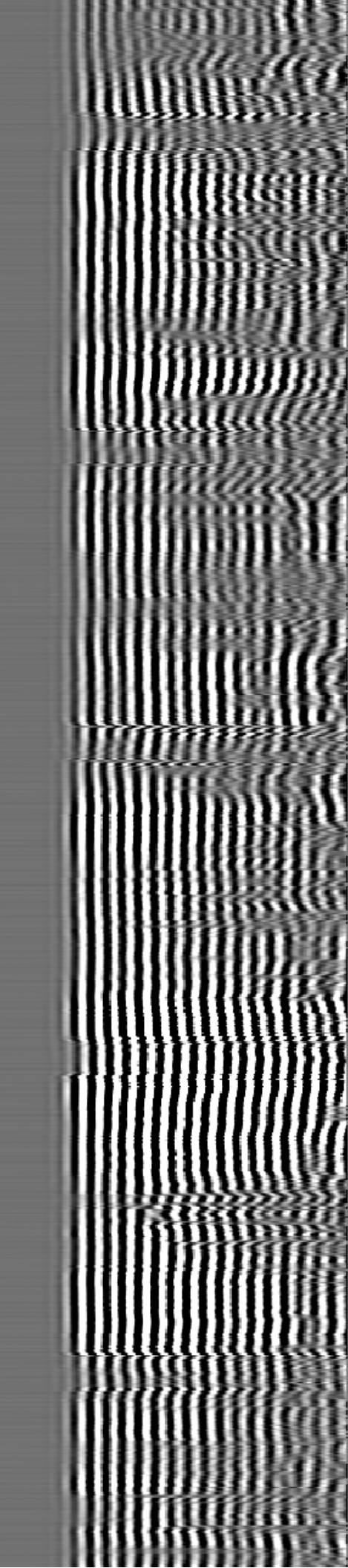
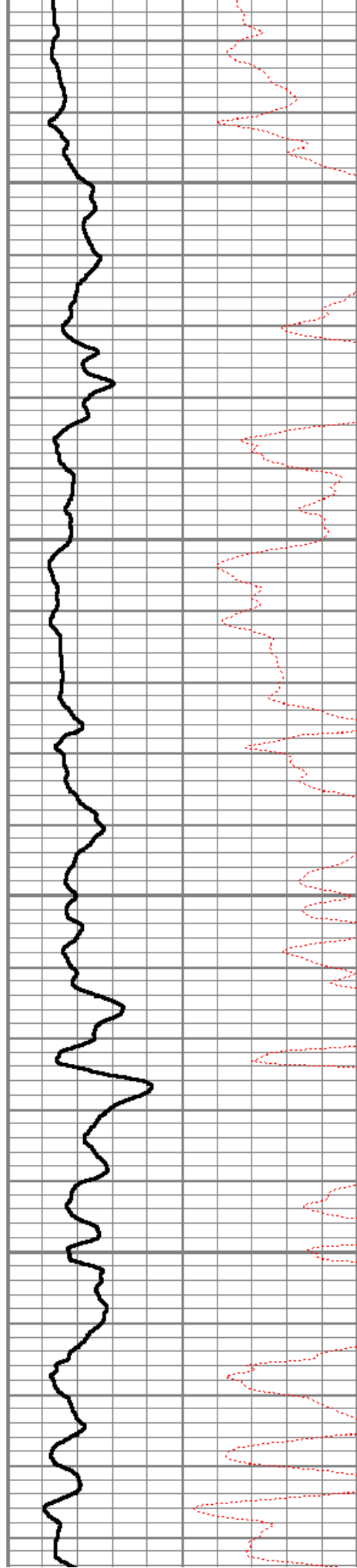


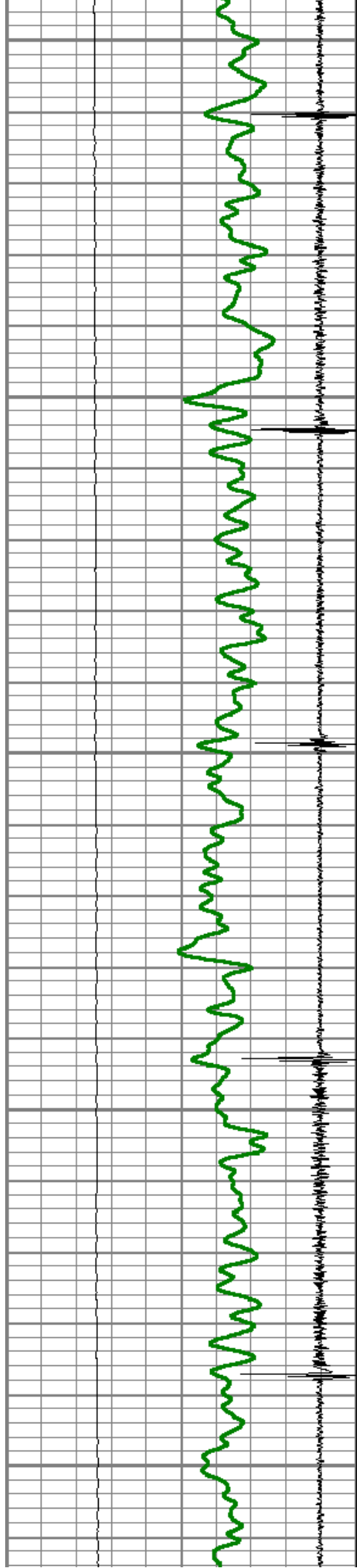
4950

5000

5050

5100





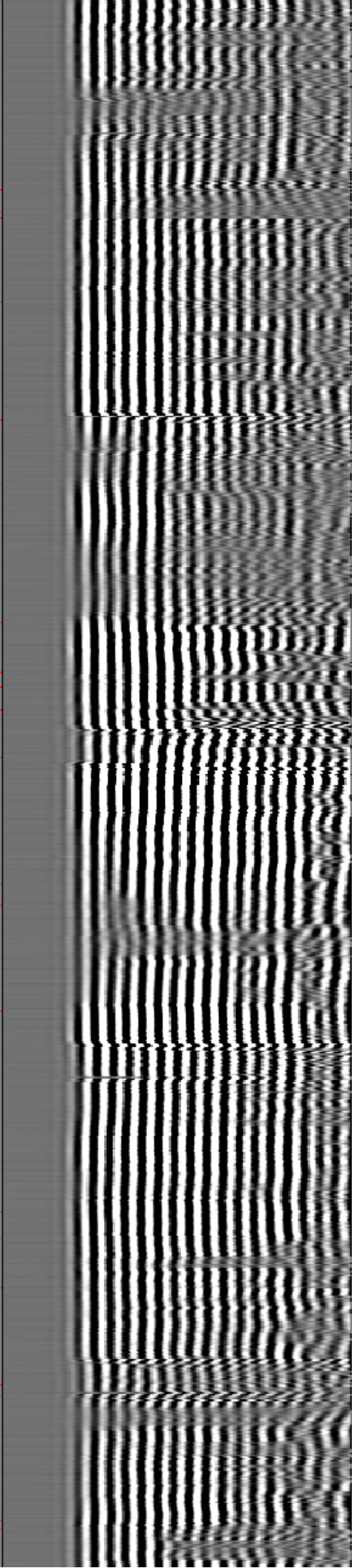
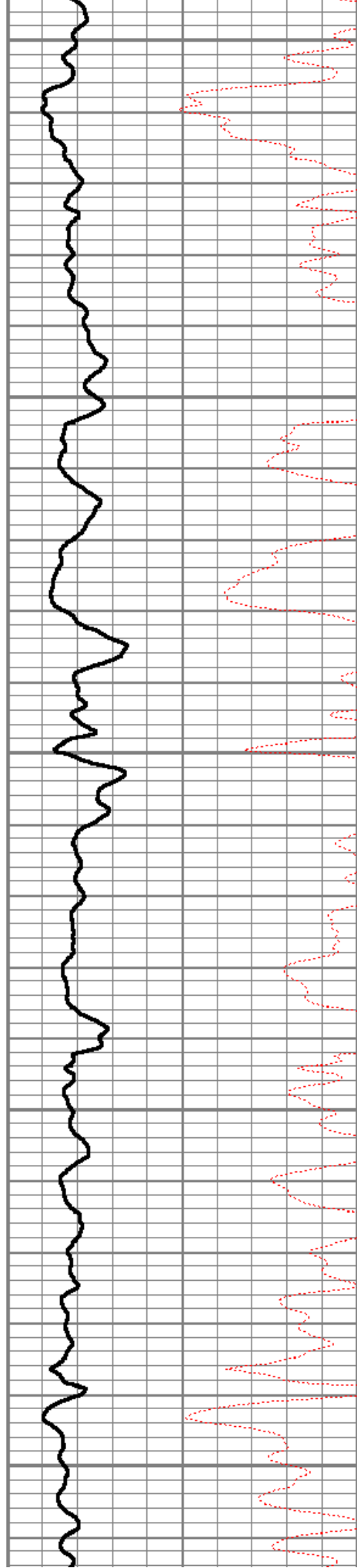
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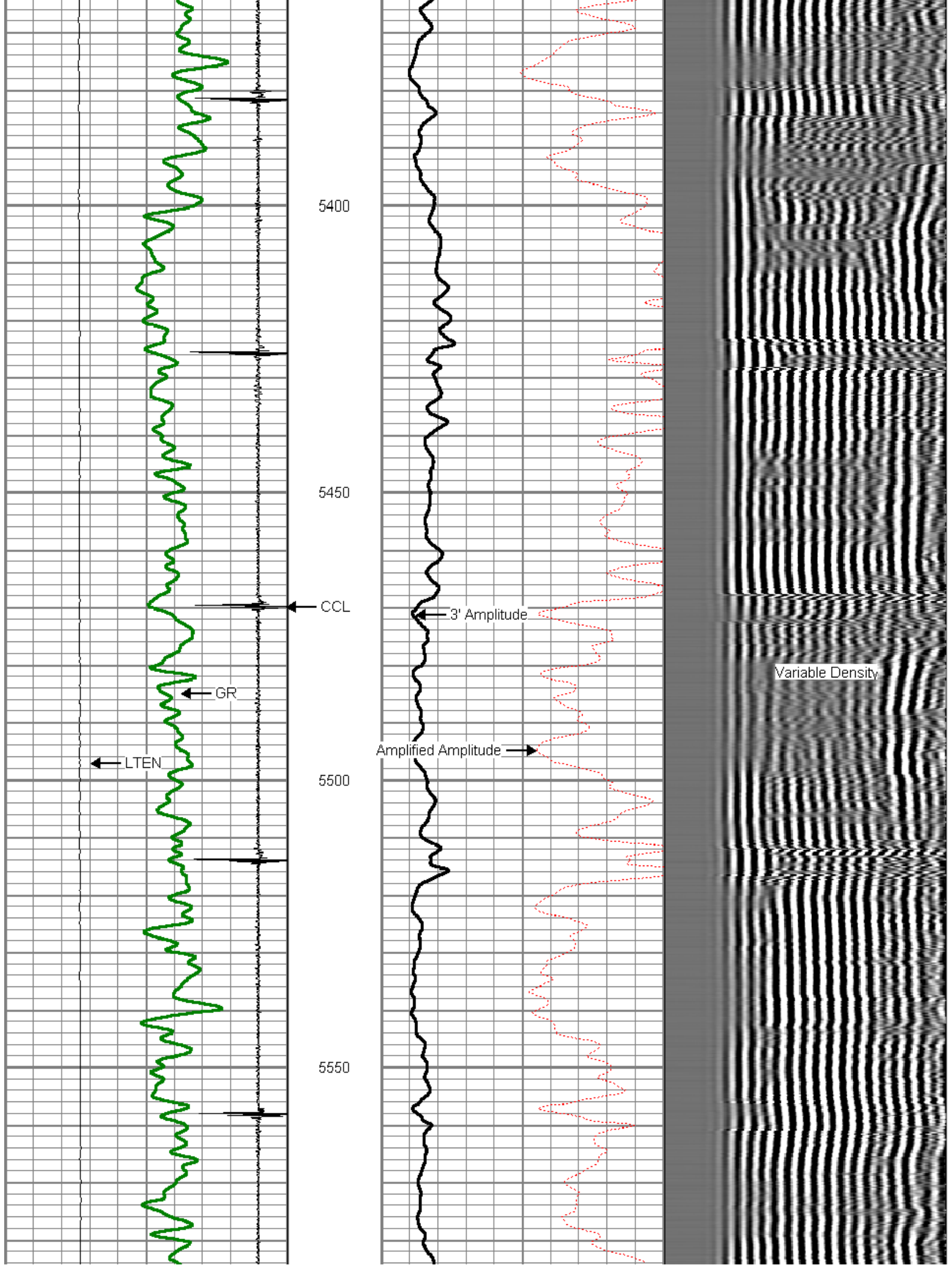
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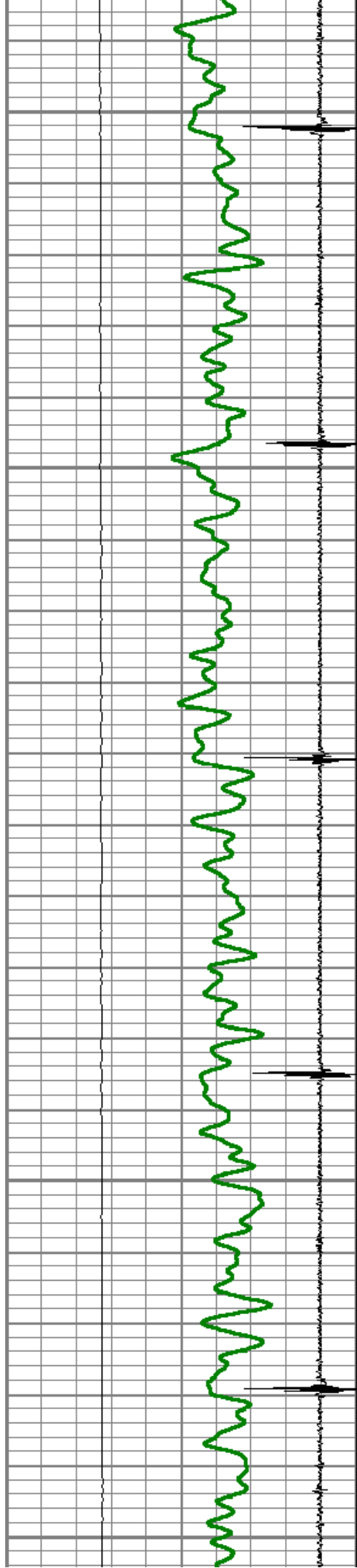
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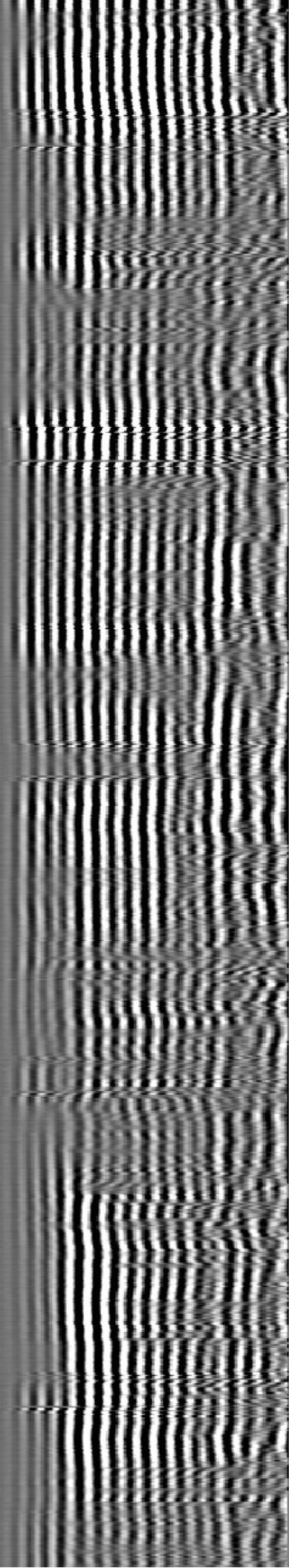
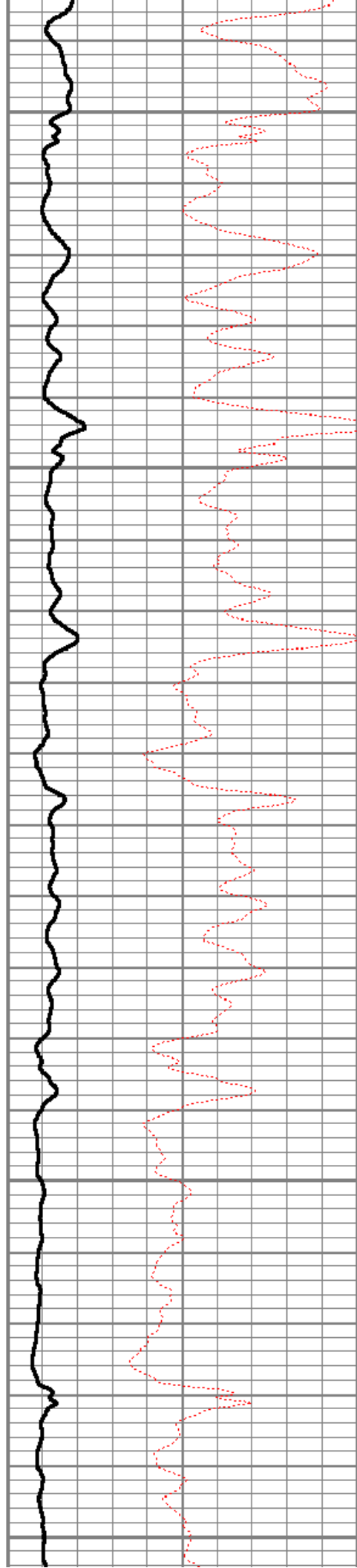
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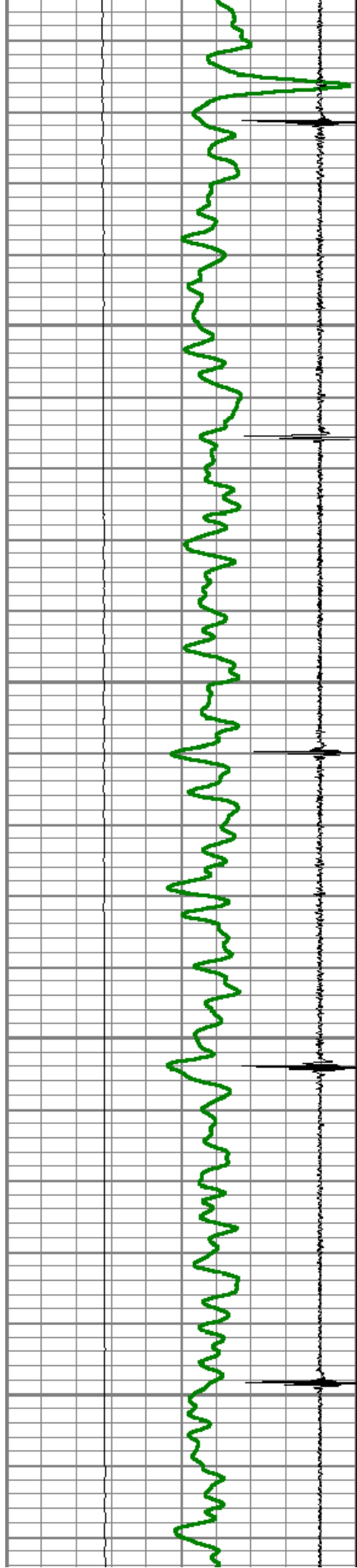
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5800



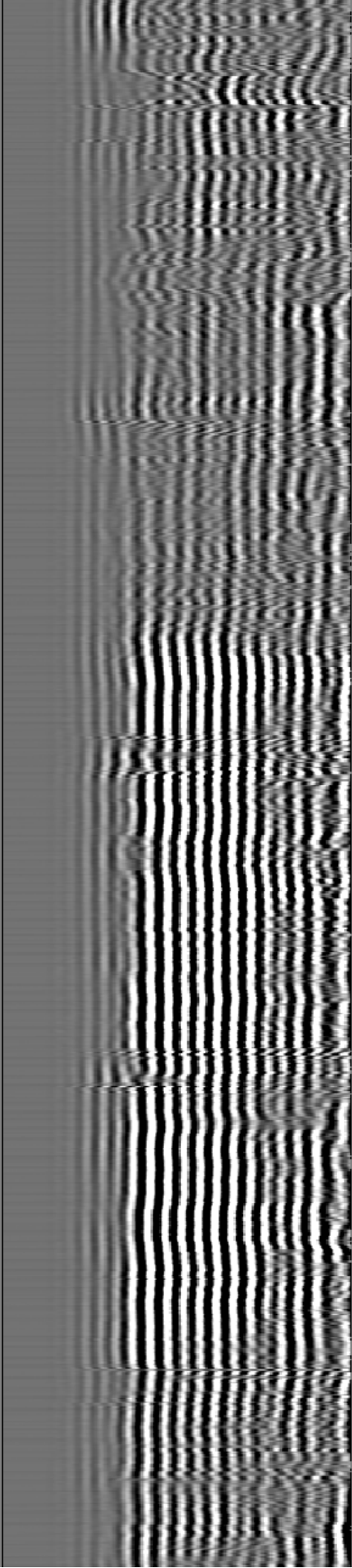
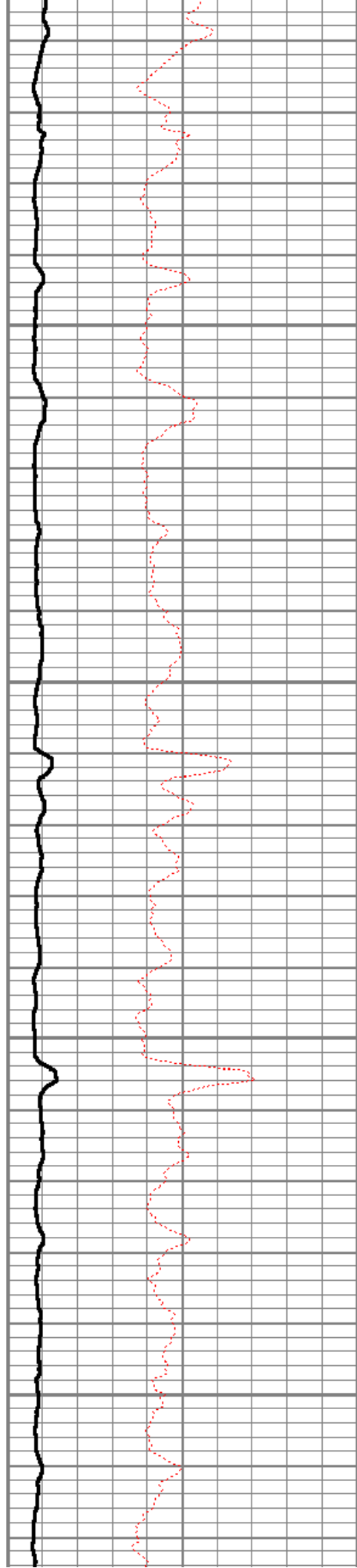


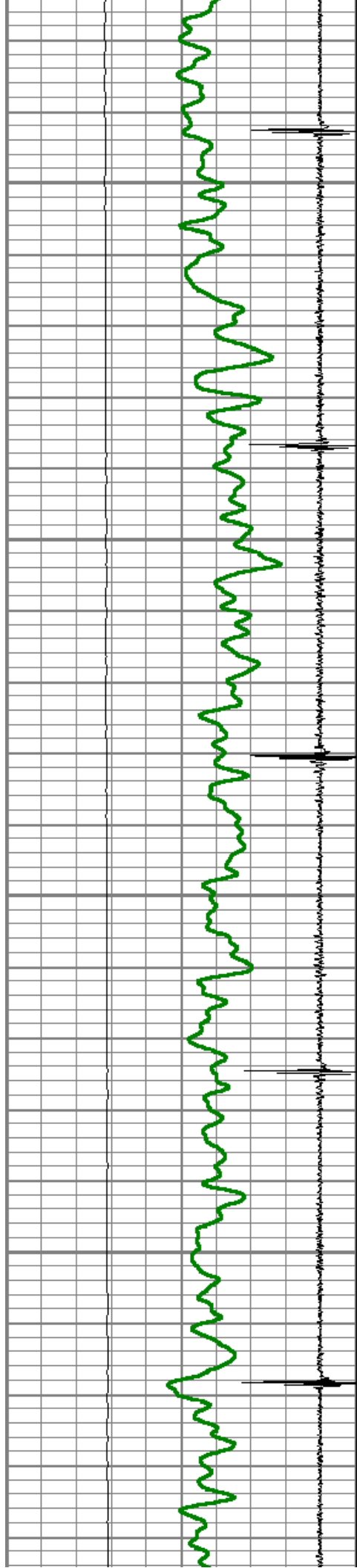
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5900

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6000



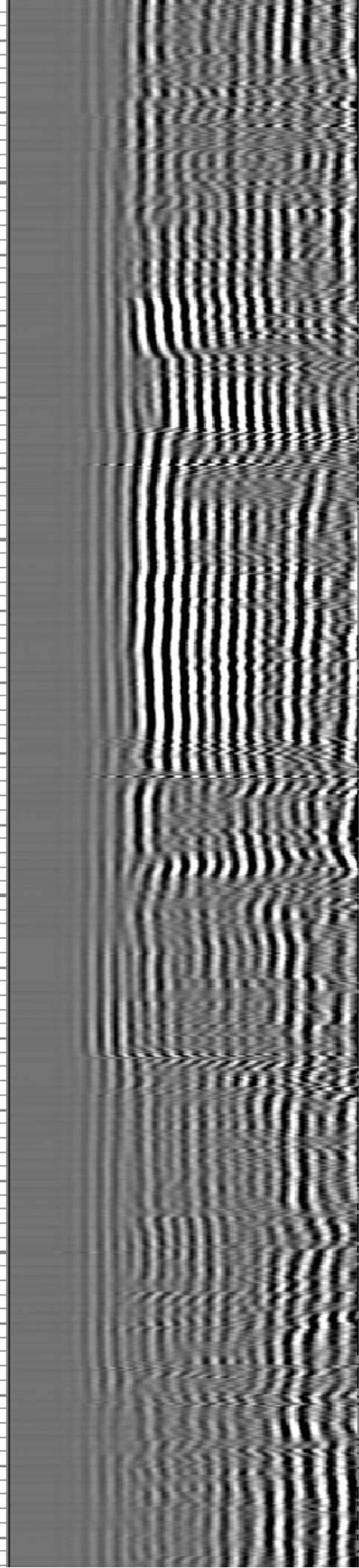
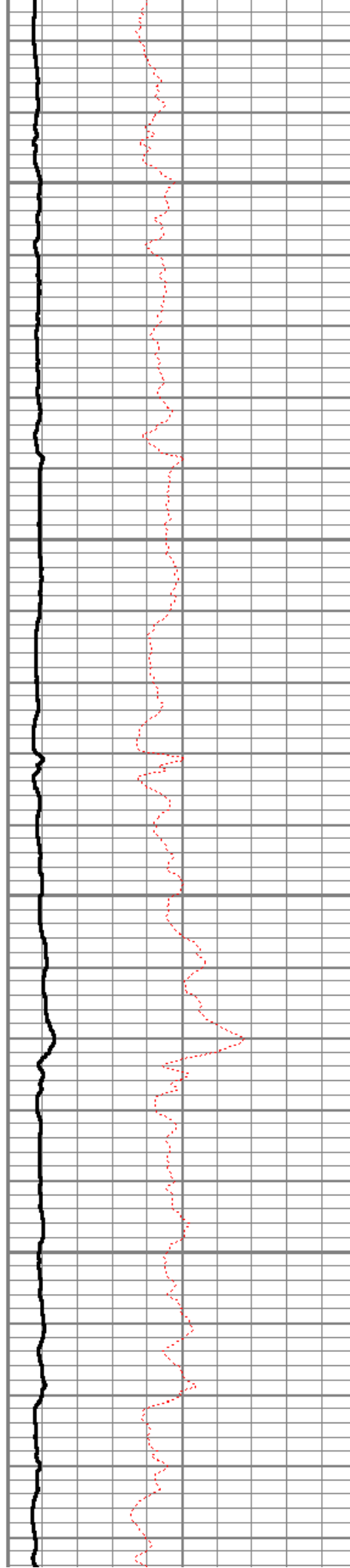


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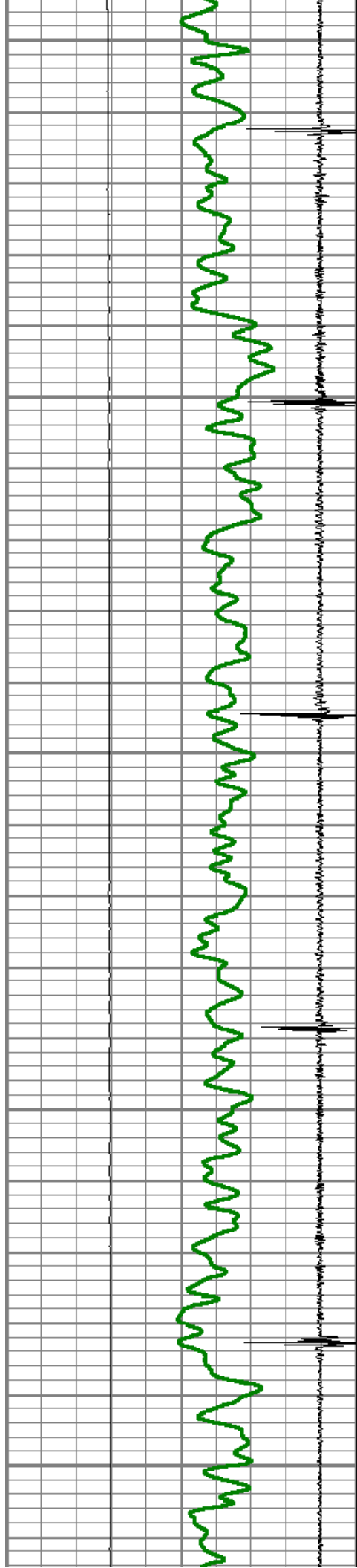
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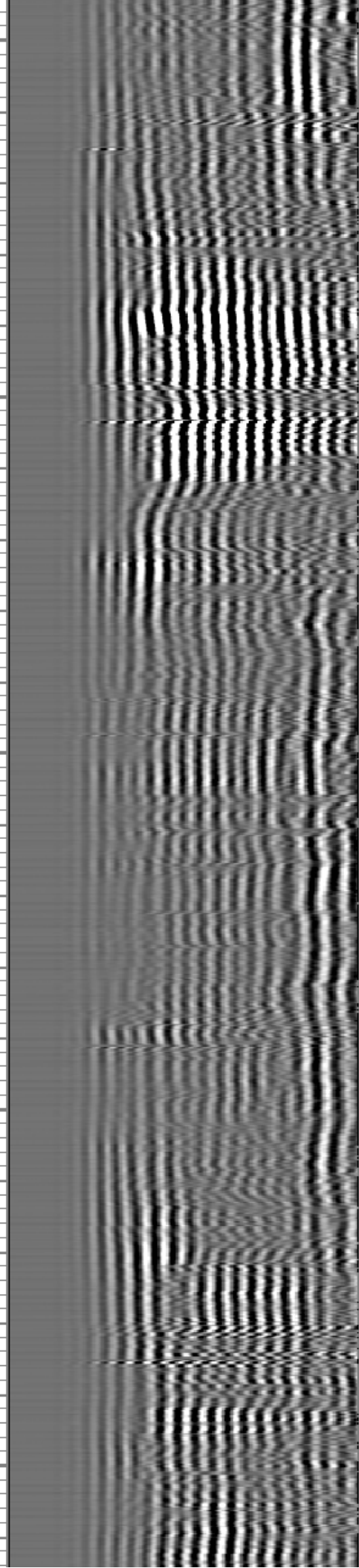
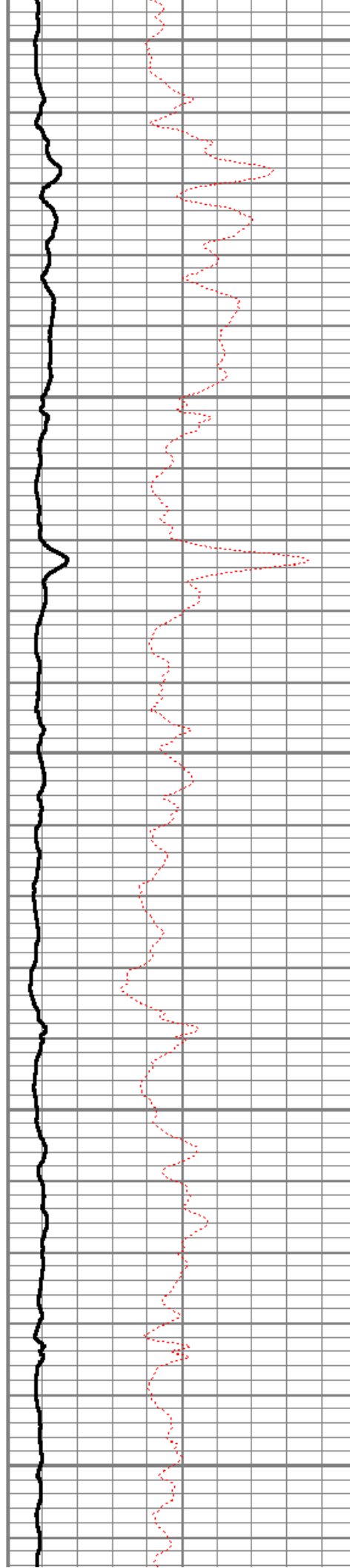
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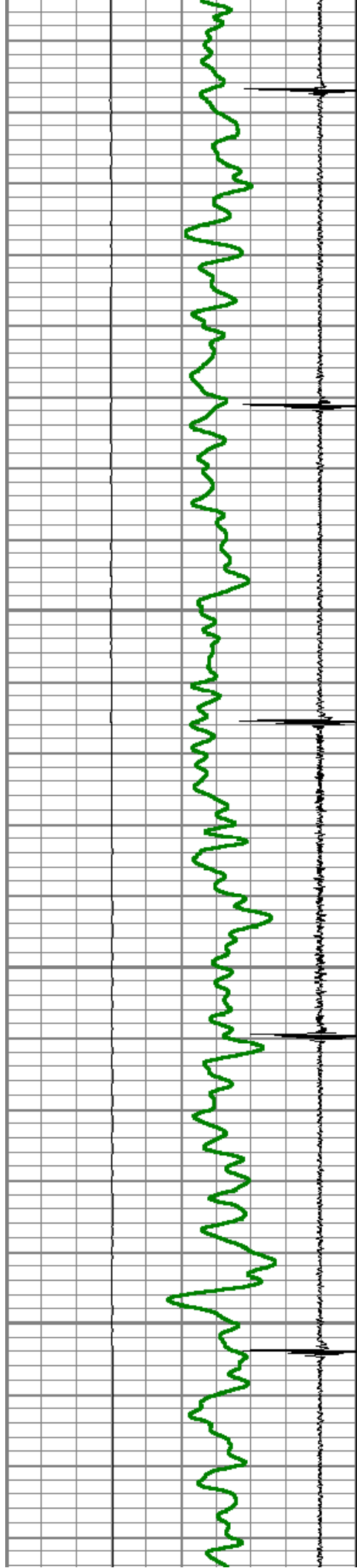
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6350

6400

6450



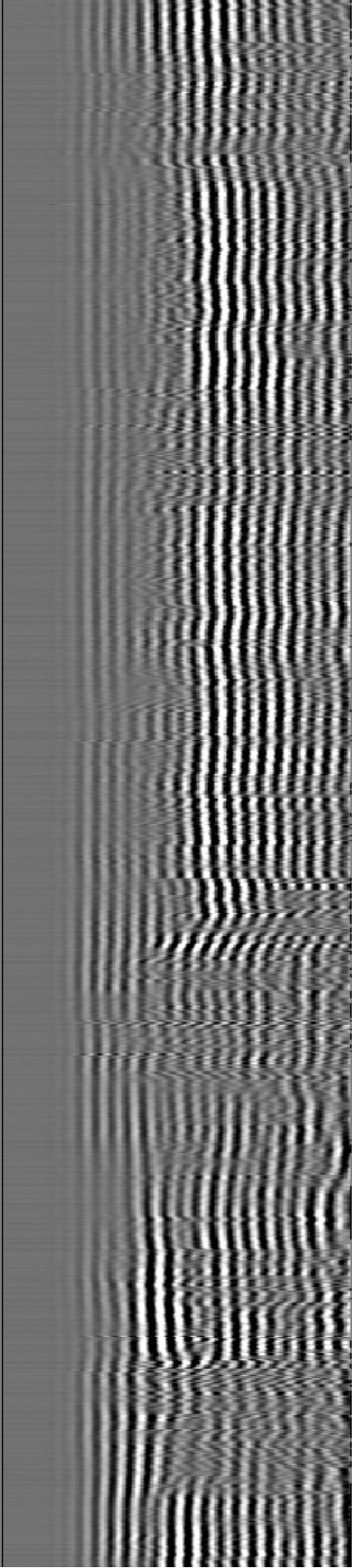
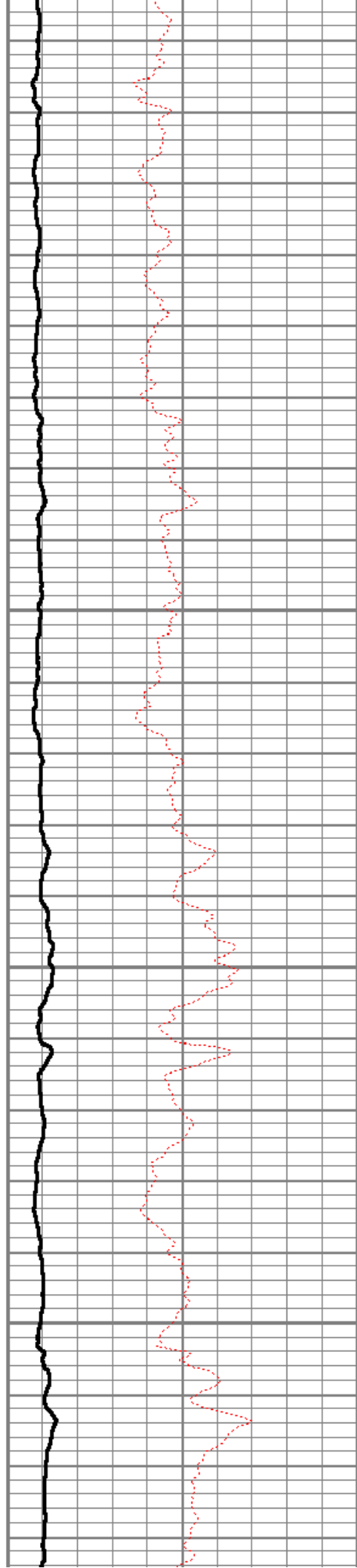


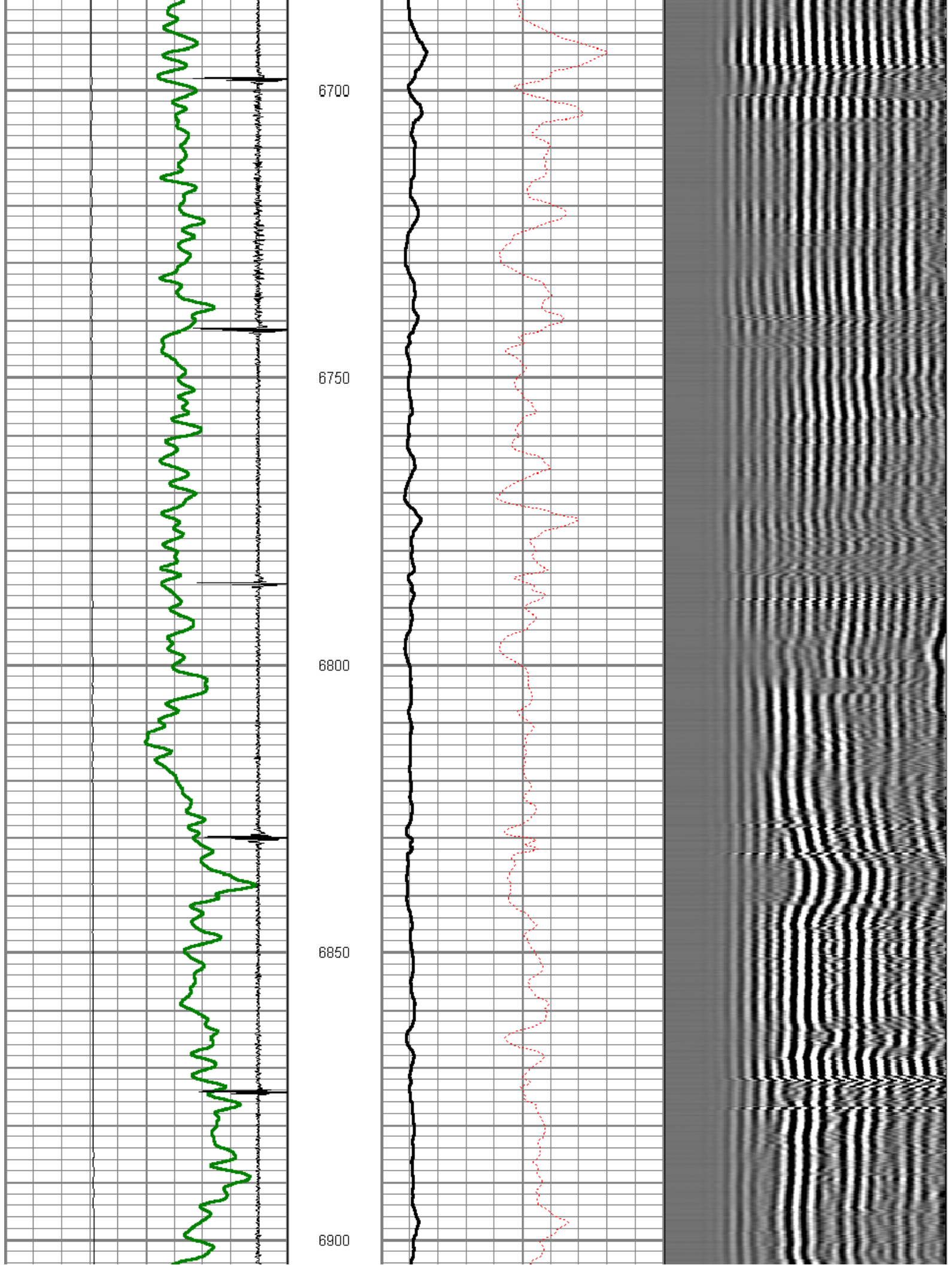
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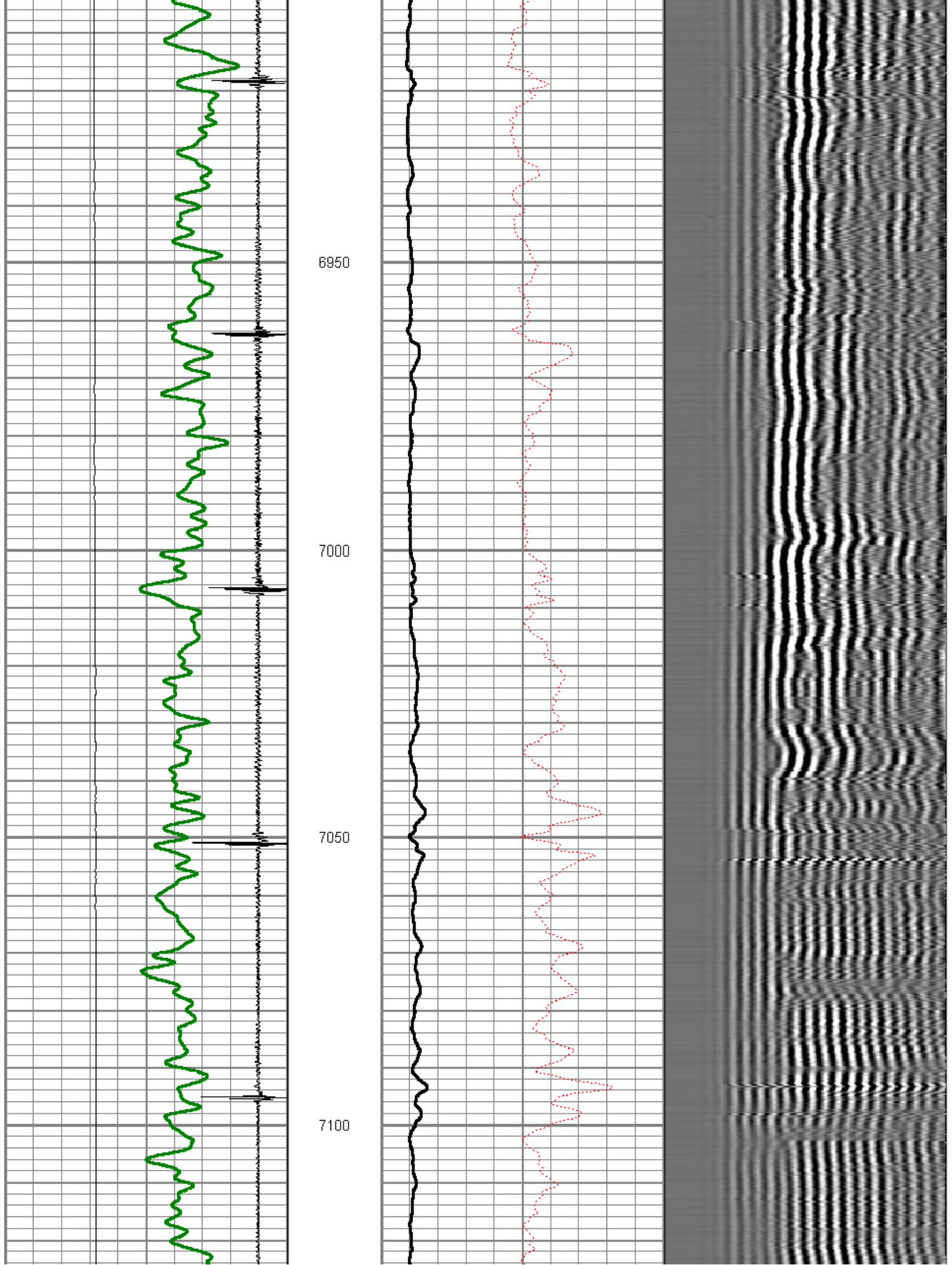
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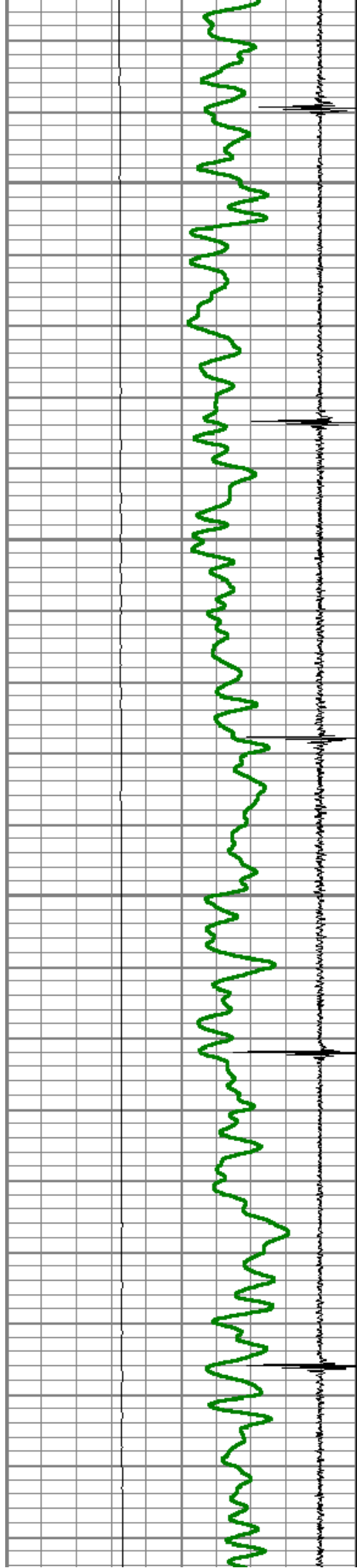
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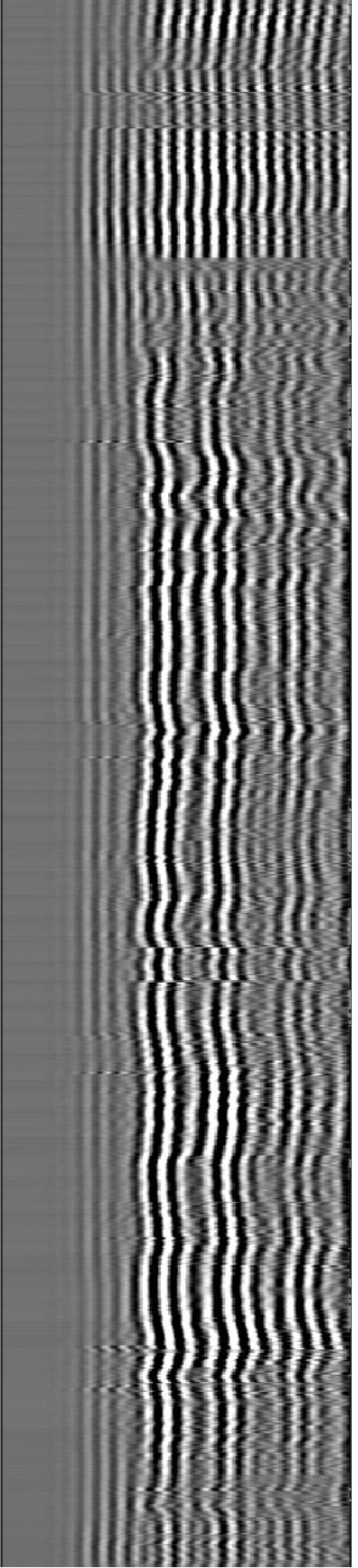
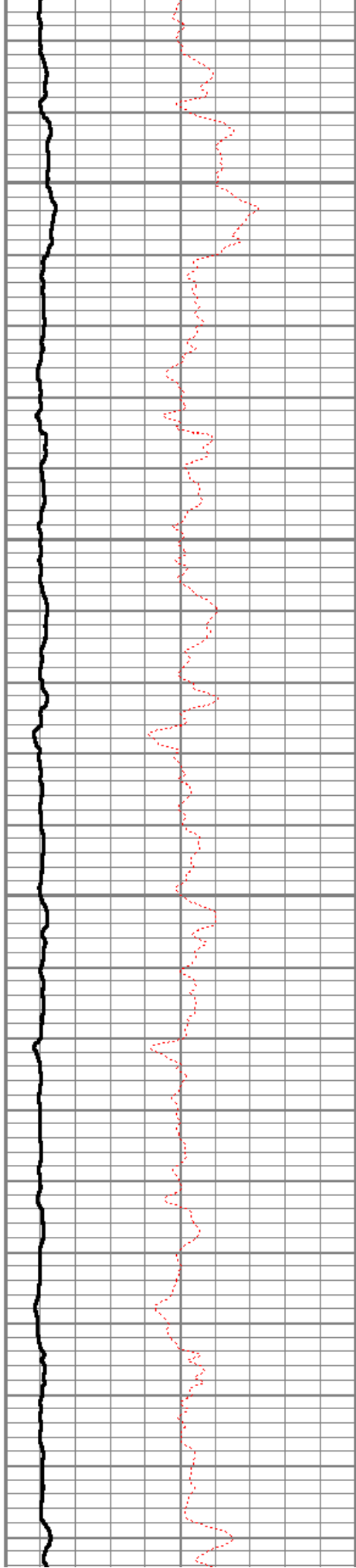


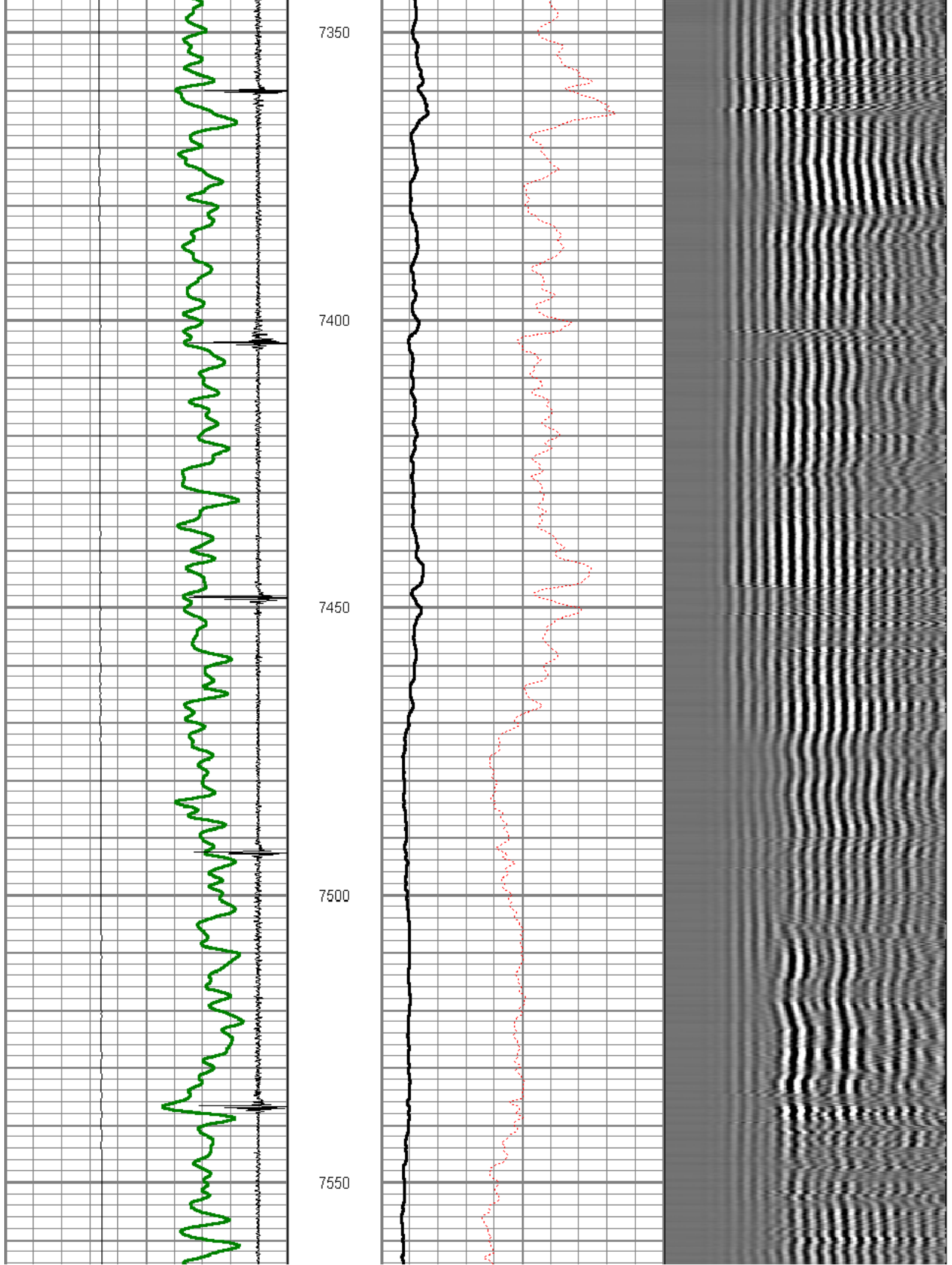
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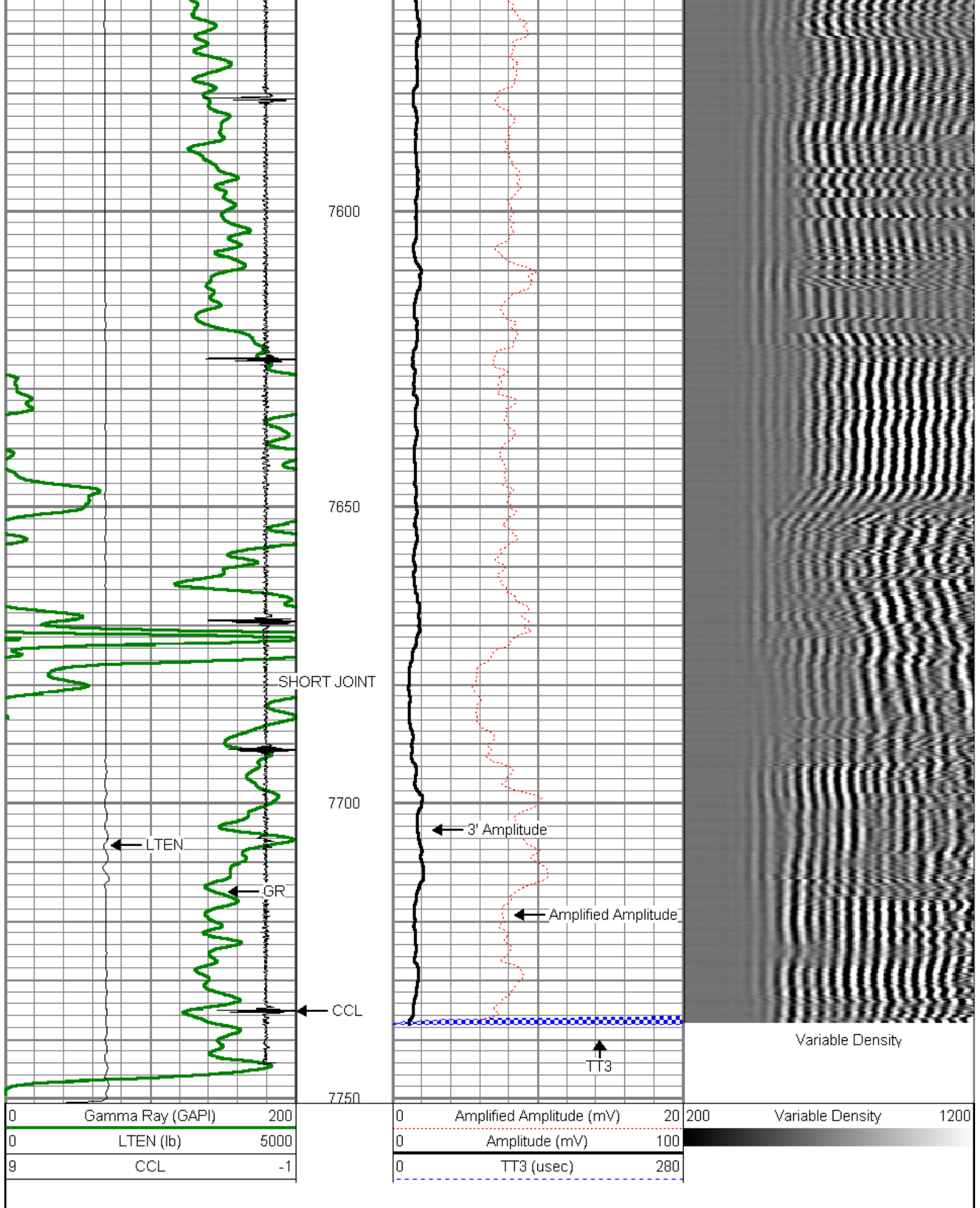
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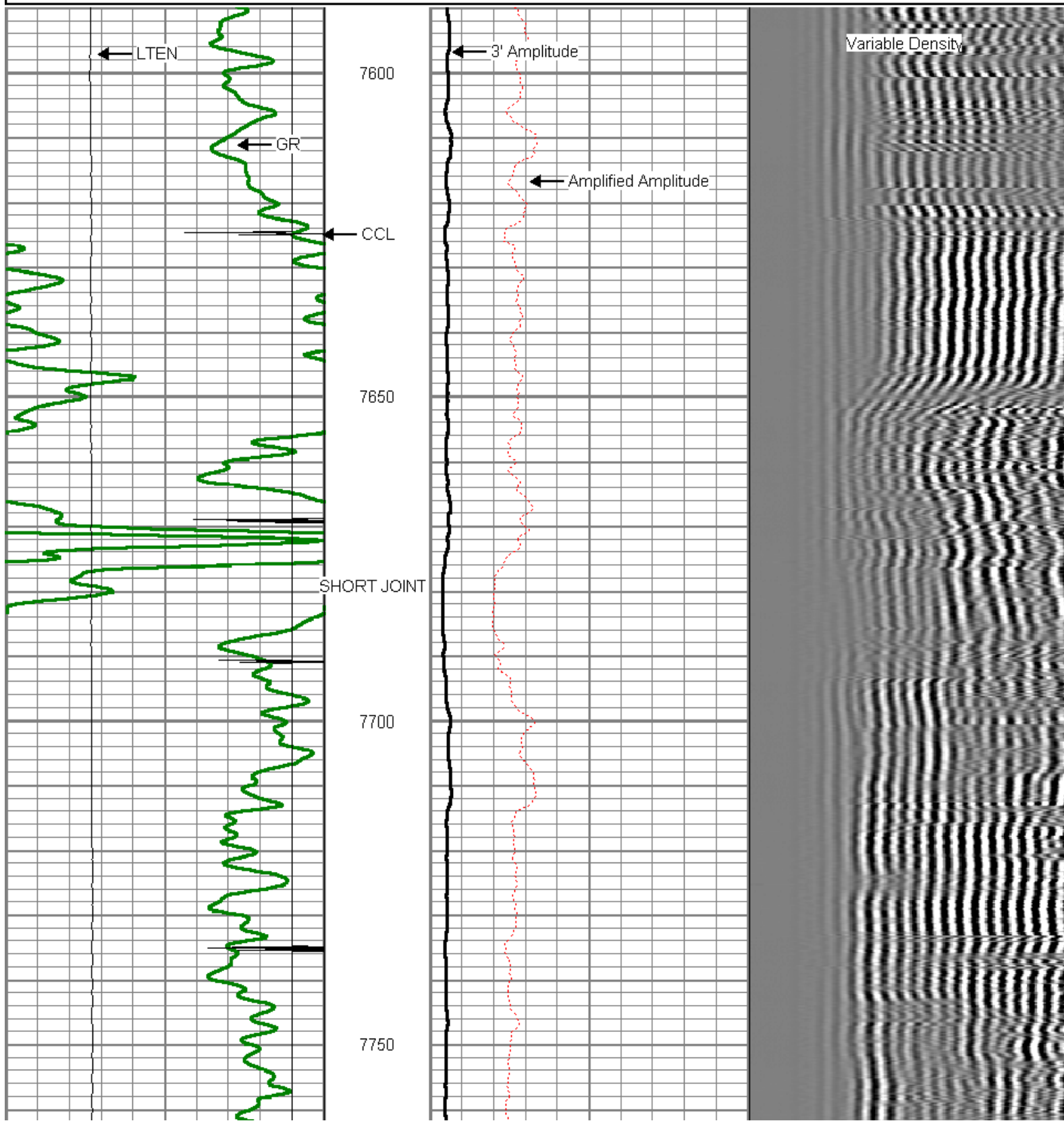


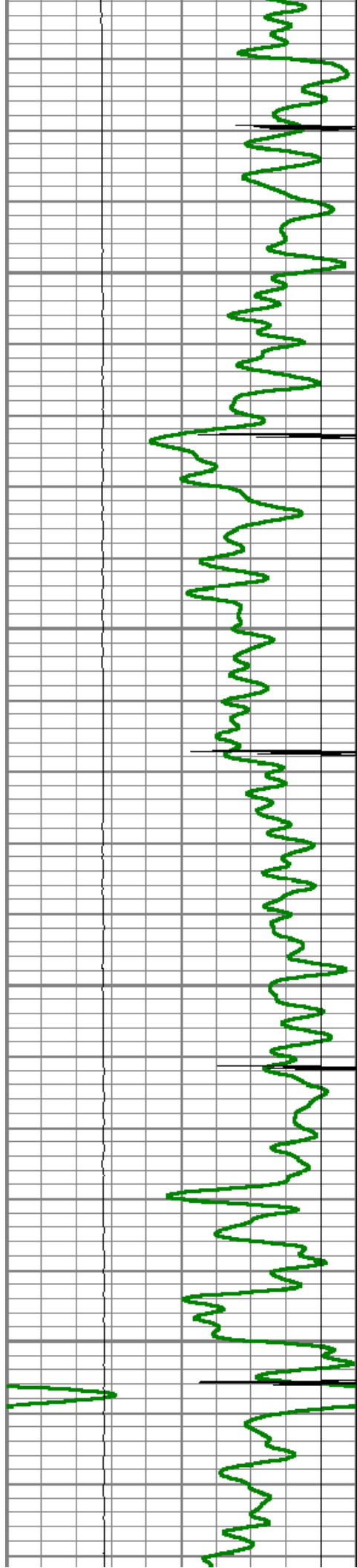
MAIN PASS

Database File: cosslett 42-22.db  
 Dataset Pathname: pass5  
 Presentation Format: dcbl\_prb  
 Dataset Creation: Fri Dec 30 12:19:00 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			



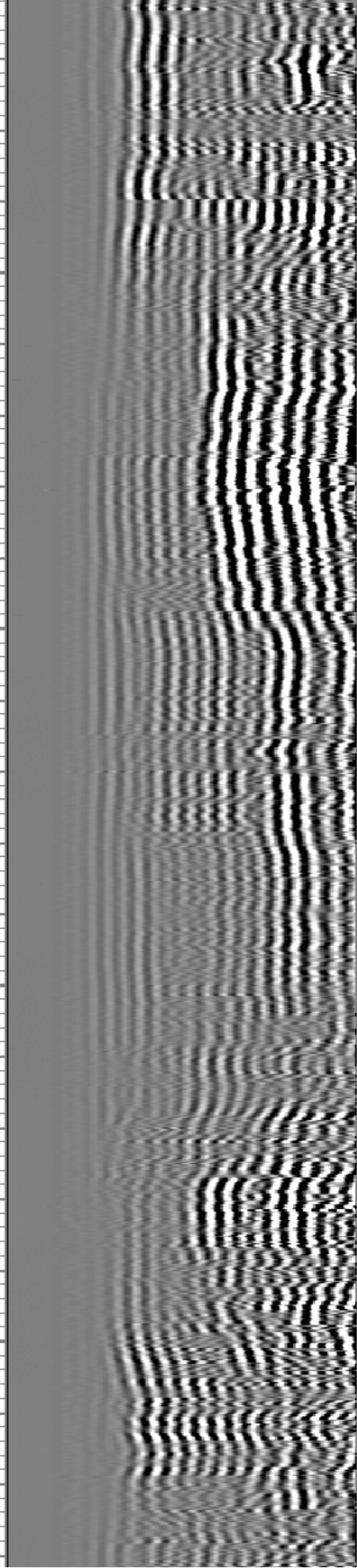
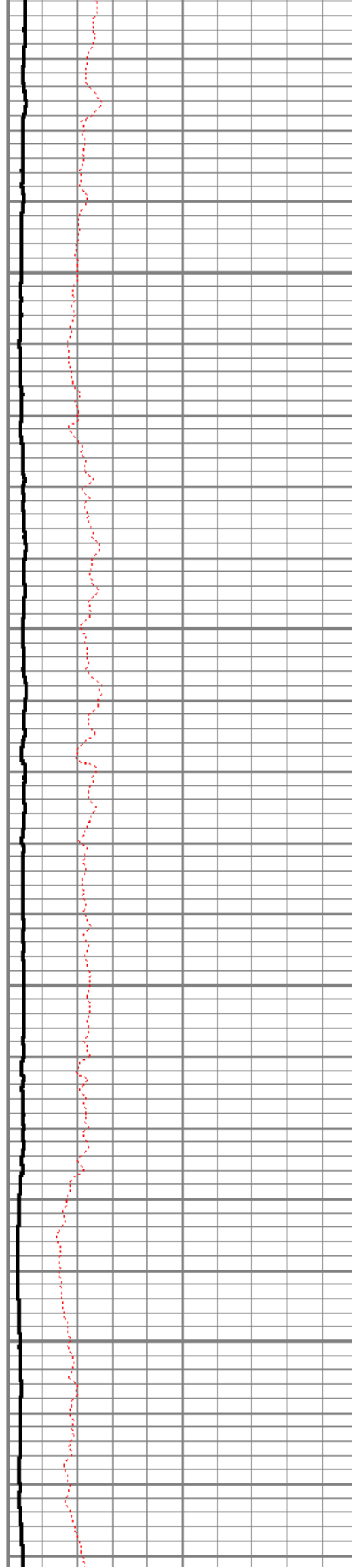


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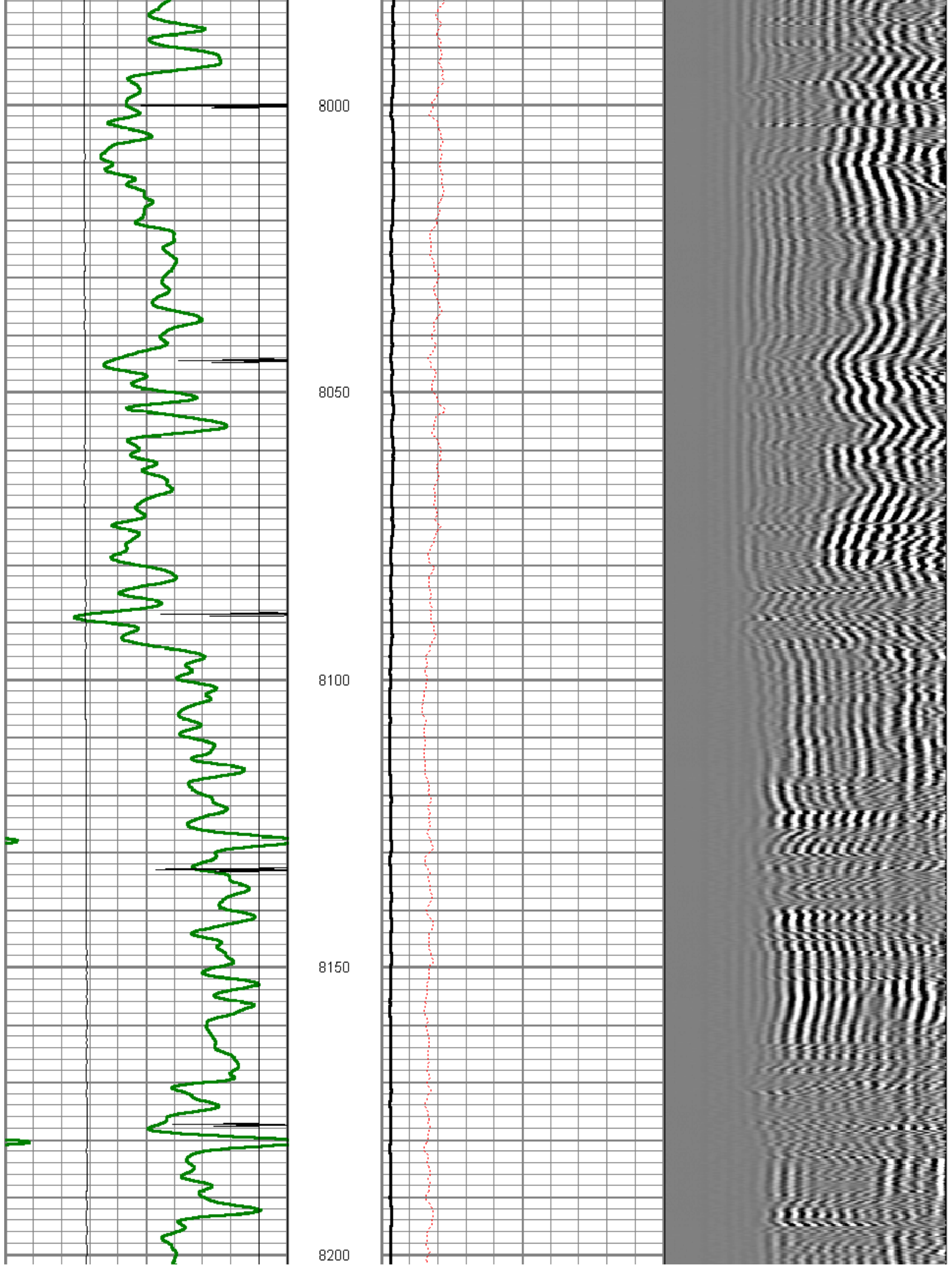
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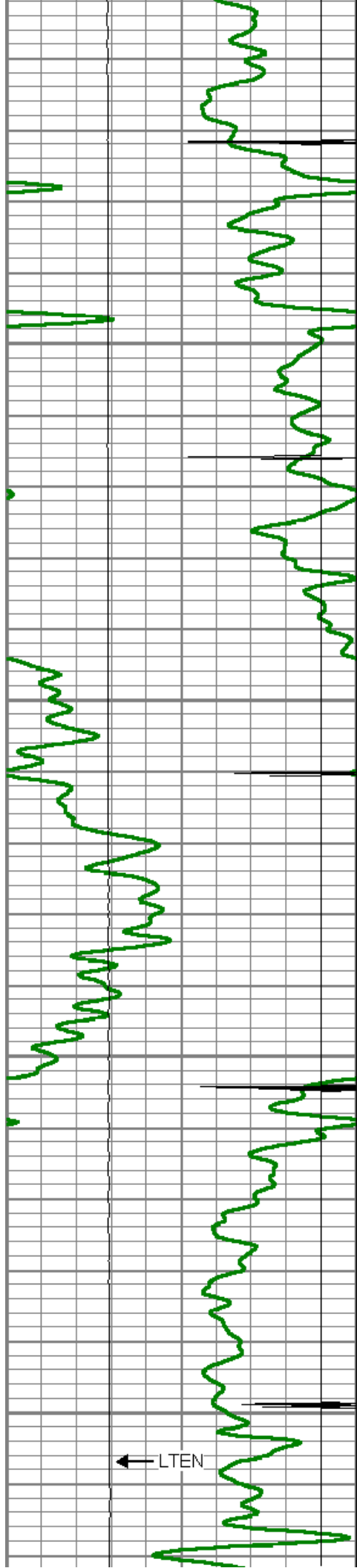
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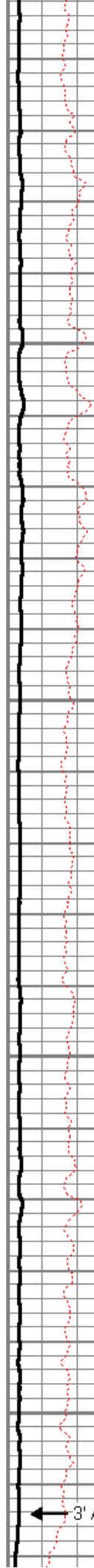
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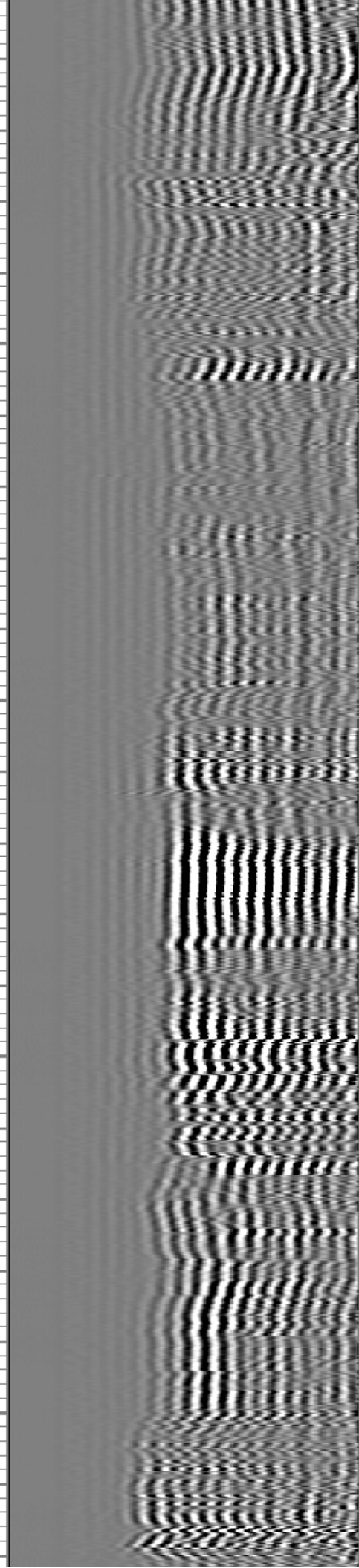
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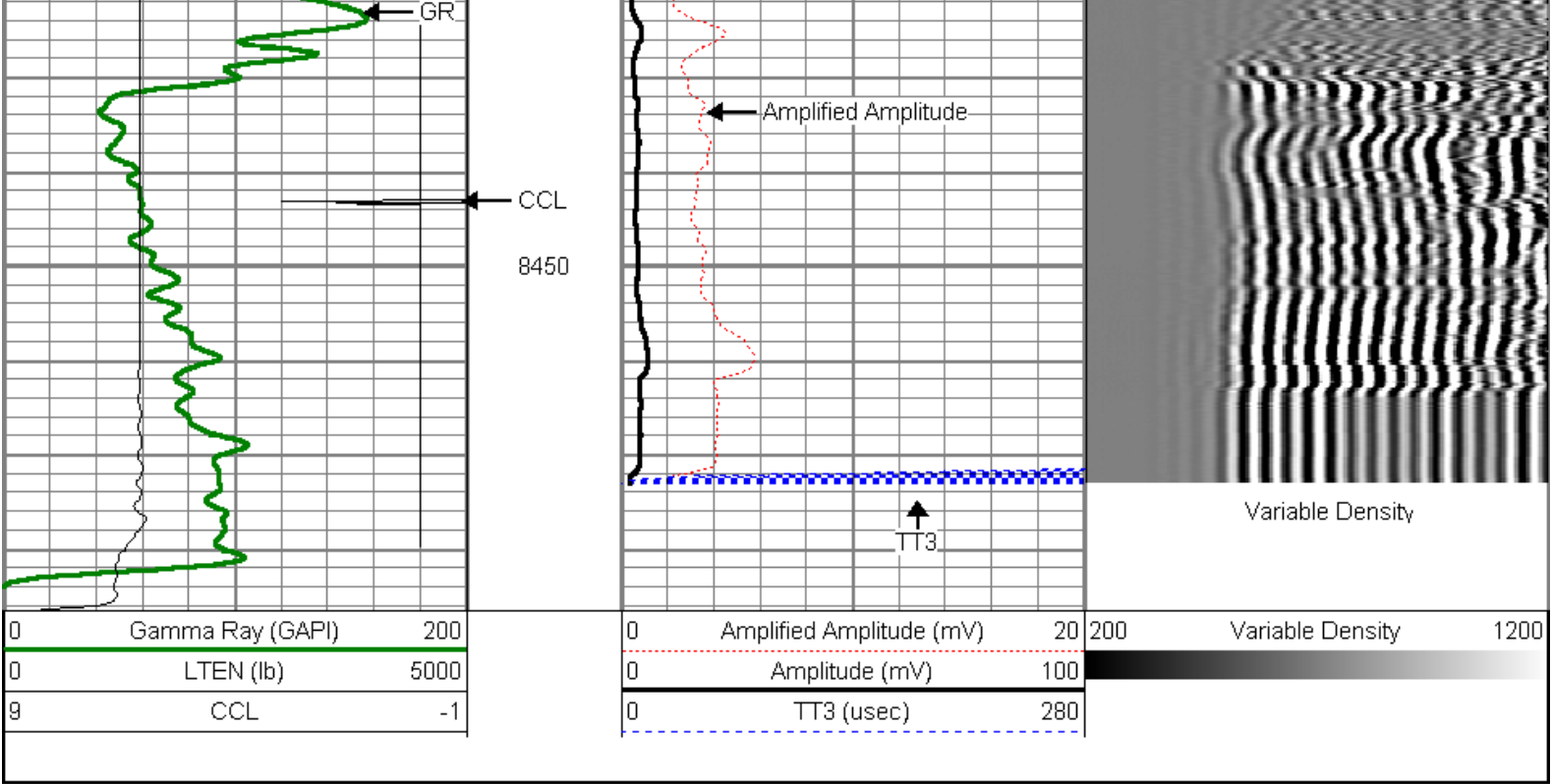
8400

← LTEN




← 3' Amplitude






Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF3	14.54		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_28.7701) Probe 2.75" Dual Receiver Bond		2.75	60.00
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
WVF5	13.54					



CCL	6.50				
			GR-PROBE_GRCCL (PRB_GRCCL_275_04.54 Probe 2.75" 4 Channel Pulse	2.75	30.00
GR	3.77				
			TEMP-Comprobe (TEMP_CMPRB_1375_02.88 Positive pulse Temp tool	1.38	15.00
TEMP	0.17				
Dataset: cosslett 42-22.db: field/well/run1/pass8.1 Total Length: 22.96 ft Total Weight: 126.50 lb O.D.: 2.75 in					

	Company	ENCANA OIL & GAS (USA) INC
	Well	COSSLETT 42-22
	Field	WATTENBERG
	County	WELD
	State	COLORADO