



# Cement Bond Log

Mesa Wireline

Company		ENCANA OIL & GAS INC.	
Well		ARISTOCRAT ANGUS 6-0-8	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API #: 05-123-34281-0000	
Well		ARISTOCRAT ANGUS 6-0-8	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING = 13'	
Drilling Measured From		KELLY BUSHING	
SEC. 8 TWP. 3N RGE. 65W		Elevation	
SHL: 616' FNL & 515' FEL NENE		K.B. 4874'	
BHL: 50' FNL & 1300' FEL NENE		D.F. 4873'	
		G.L. 4861'	

Date	30 NOVEMBER 2012						
Run Number	ONE						
Depth Driller	7557'						
Depth Logger	7506'						
Bottom Logged Interval	7506'						
Top Log Interval	480'						
Open Hole Size	12.25"						
Type Fluid	WATER						
Density / Viscosity	~8.34 PPg						
Max. Recorded Temp.	268 DEGF						
Estimated Cement Top	3500'						
Time Well Ready	1000 HOURS						
Time Logger on Bottom	1200 HOURS						
Equipment Number	W0061						
Location	AULT, CO						
Recorded By	K. MAY						
Witnessed By	T. MAJORS						
Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	SURFACE	685'				
TWO	7.875"	685'	7557'				
Casing Record	Size	Weight	Top	Bottom			
Surface String	8.625"	24#	SURFACE	685'			
Prot. String							
Production String	4.5"	11.6#	SURFACE	7557'			
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

CORRELATED TO PIONEER COMPENSATED DENSITY COMPENSATED NEUTRON DUAL INDUCTION LOG DATED NOVEMBER 10, 2012.

SHORT JOINT LOCATED AT 6908' - 6928'

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, Ault CO. (970) 834-2495



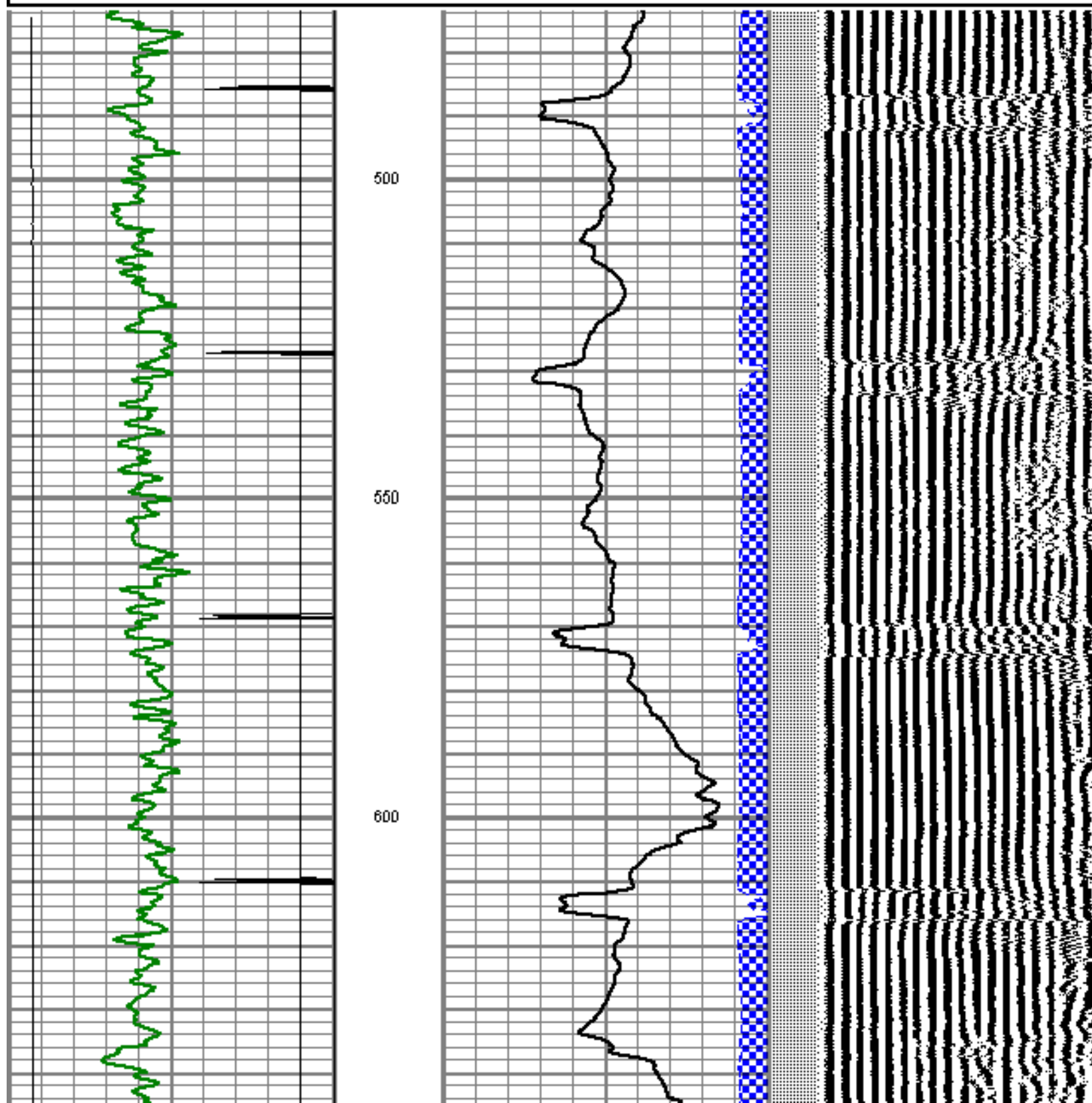
SURFACE CASING PASS

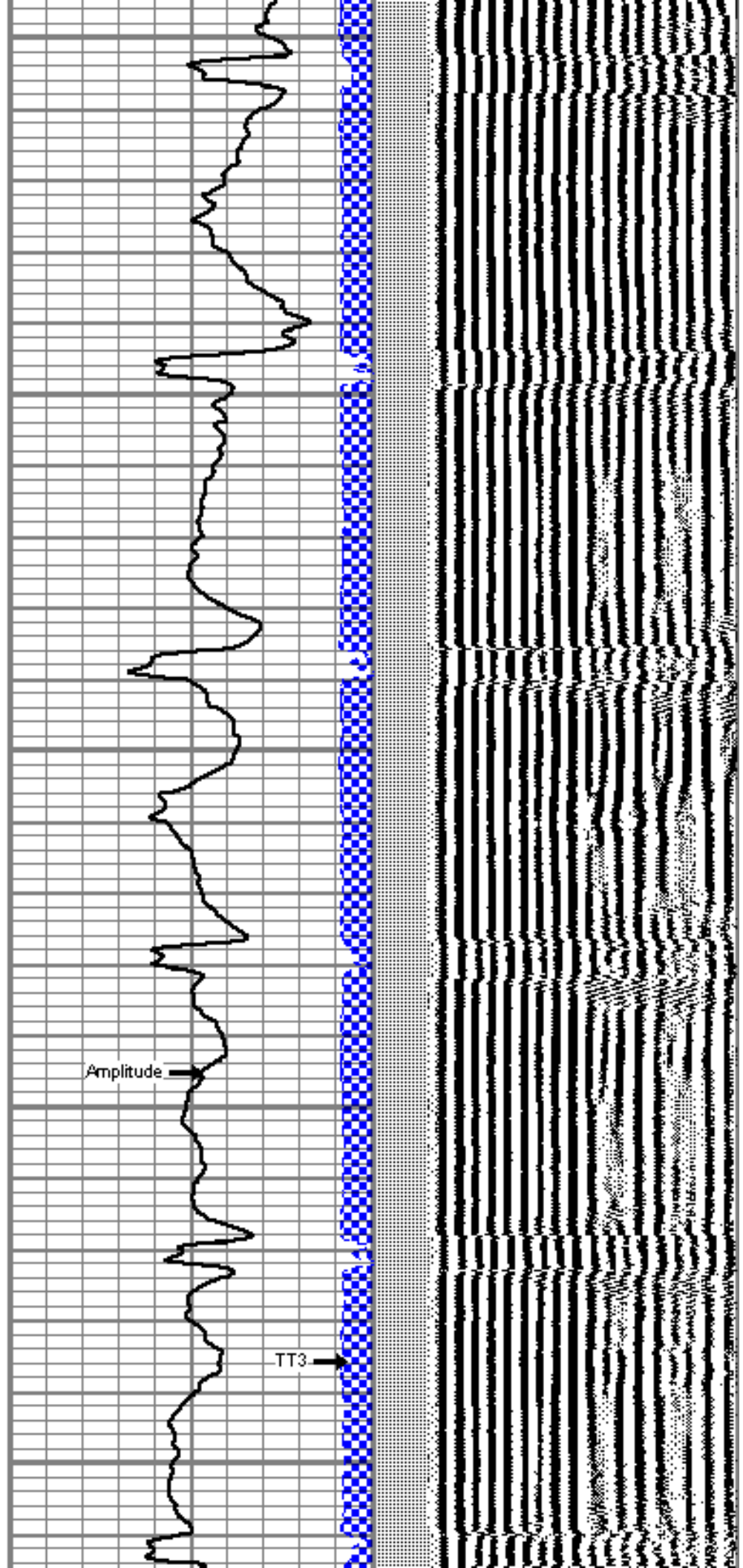
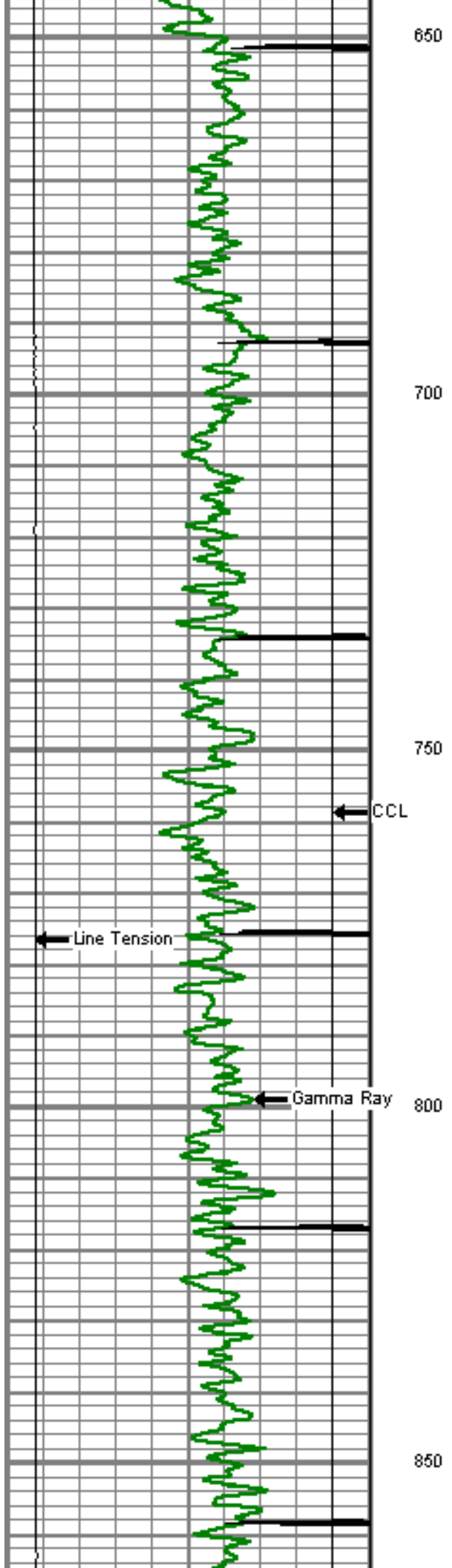
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Dataset Creation: Sun Dec 02 09:13:09 2012 by Calc Std Casedhole 09061  
Charted by: Depth in Feet scaled 1:240

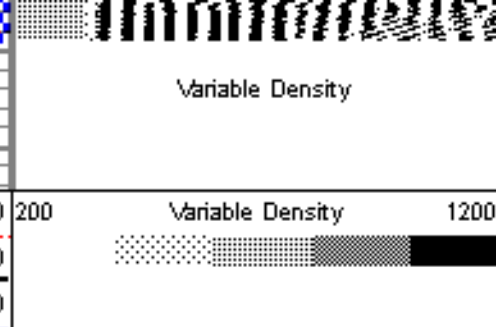
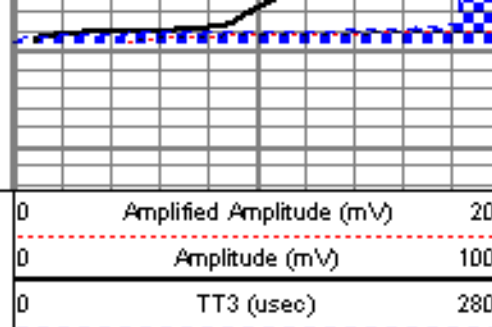
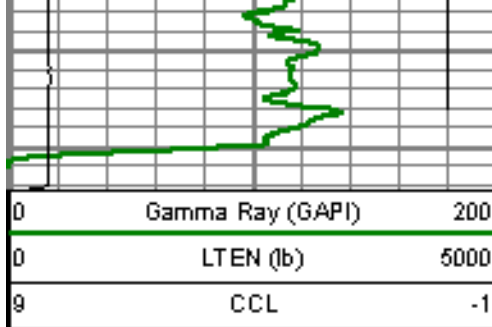
0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1

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

200 Variable Density 1200



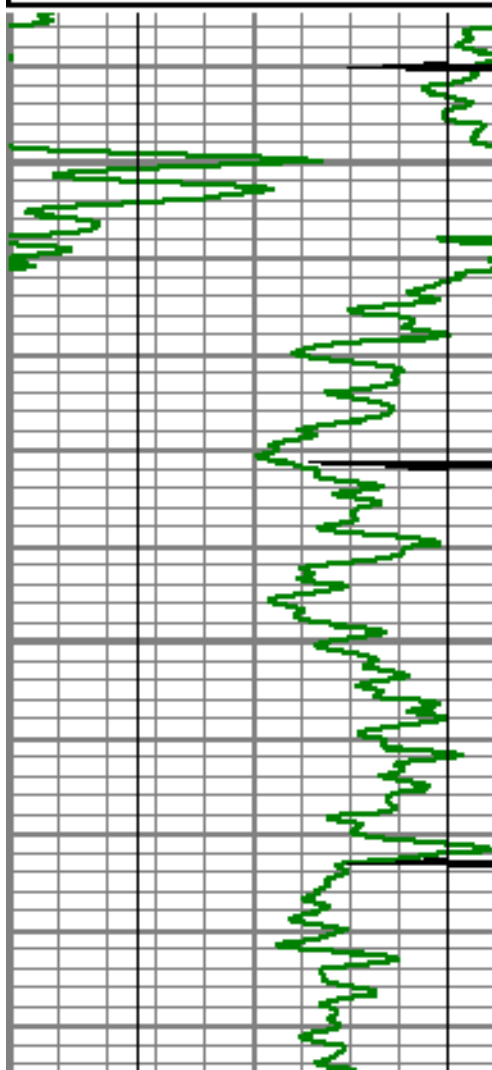
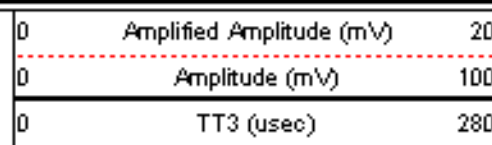
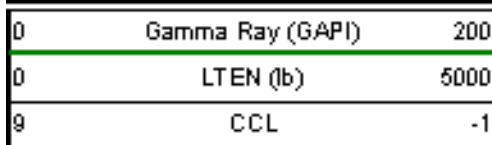




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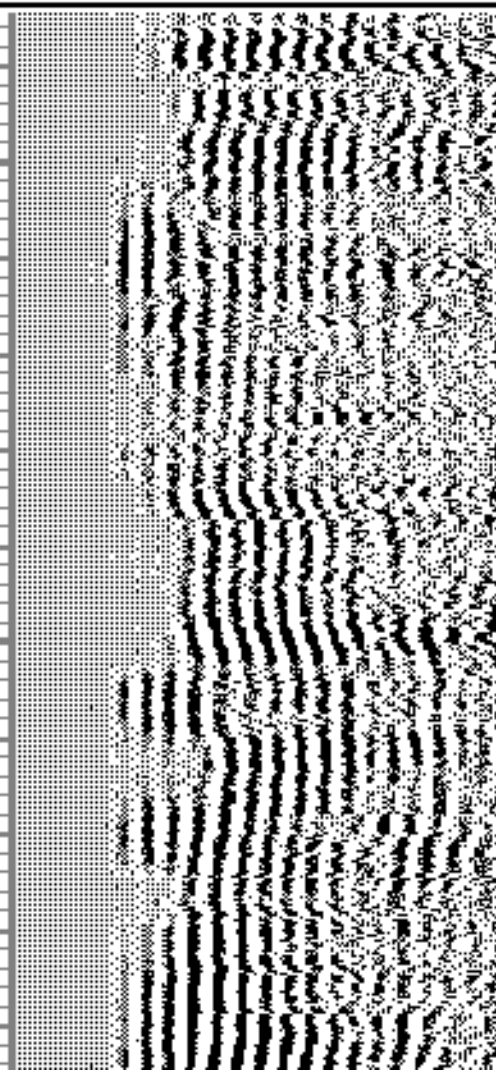
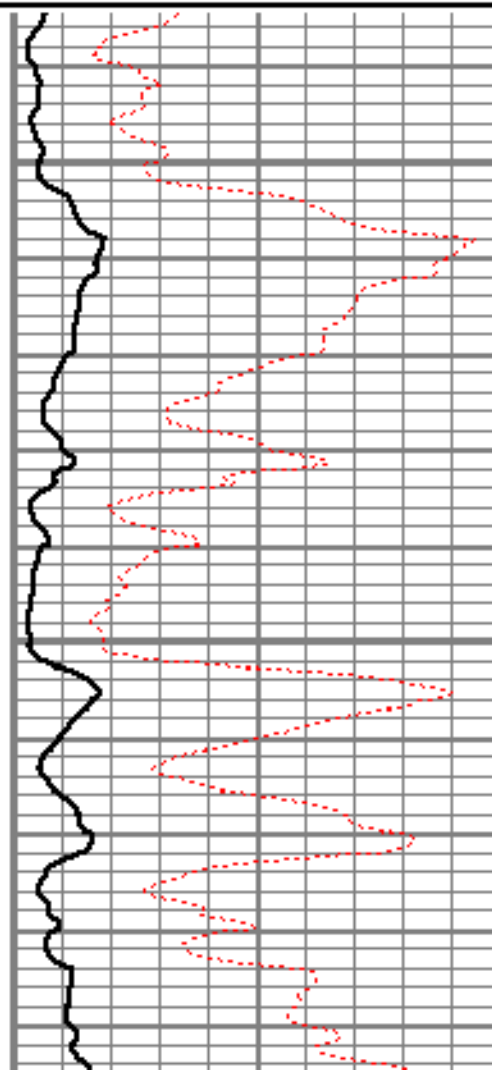
SCALE 5" = 100'

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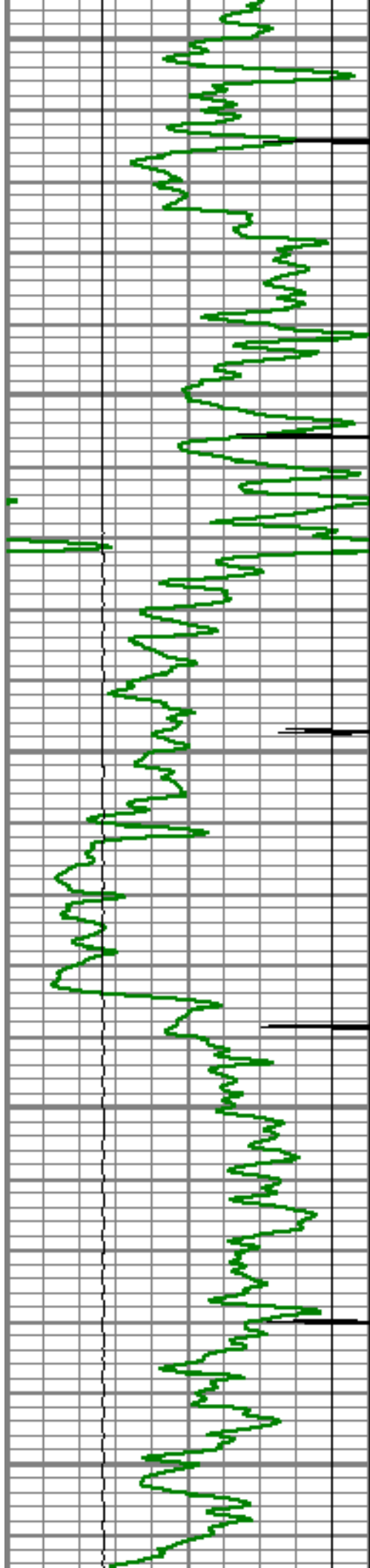


7100

7150







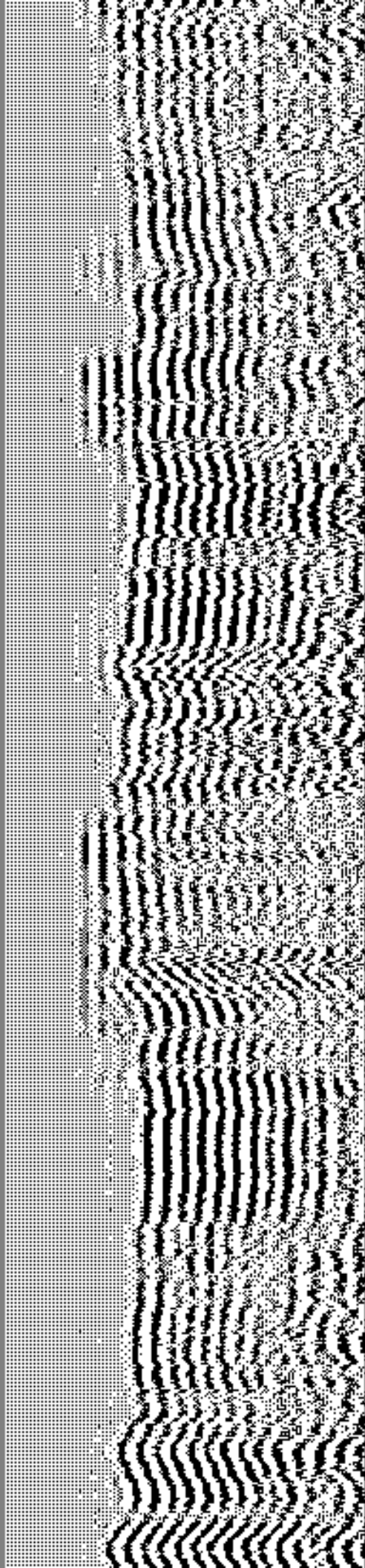
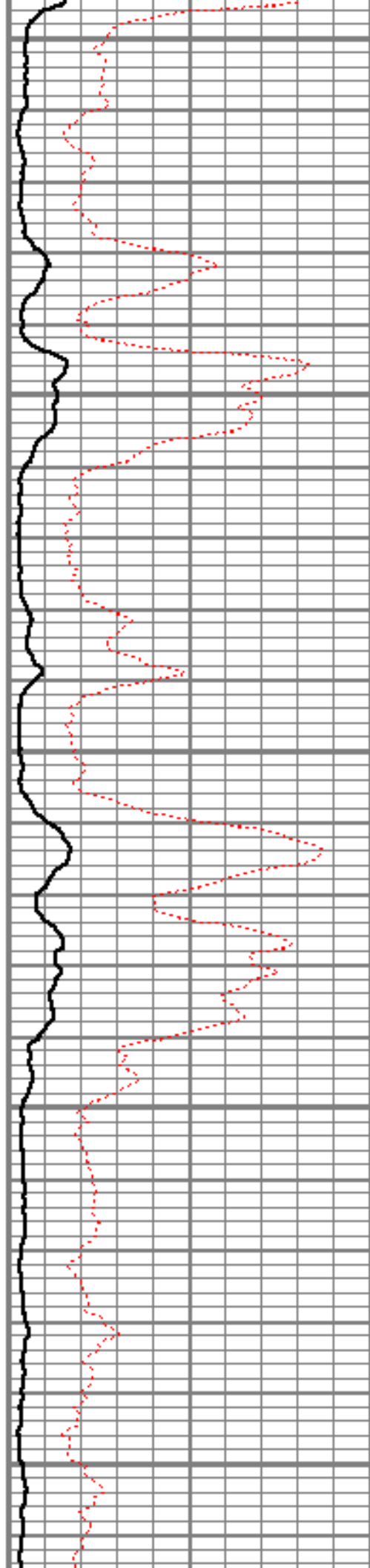
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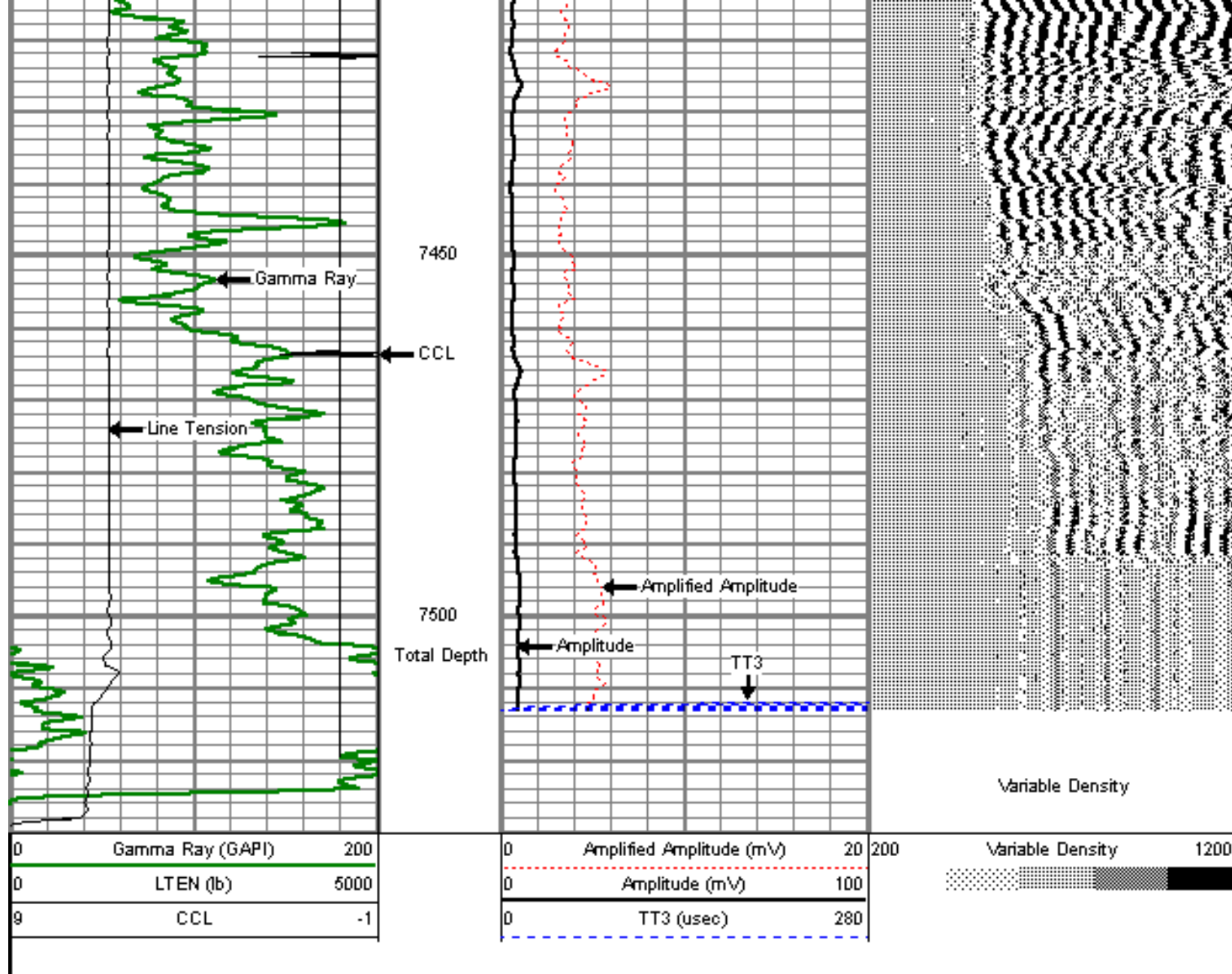
7250

7300

7350

7400

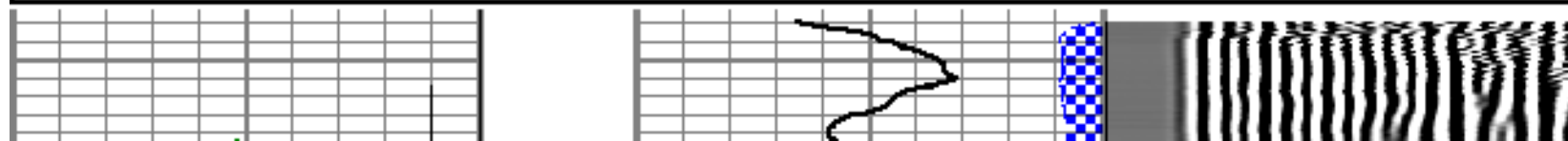
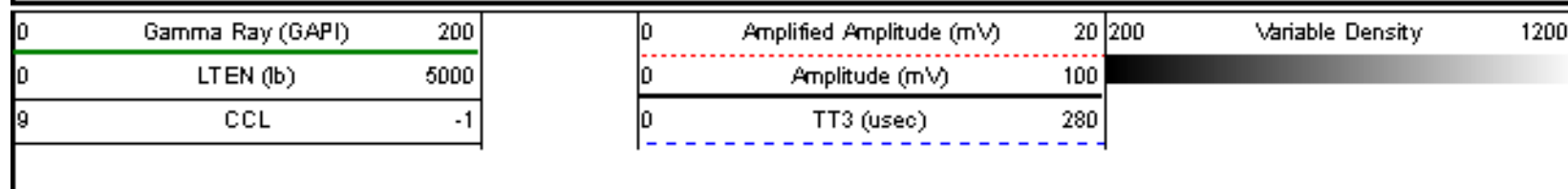




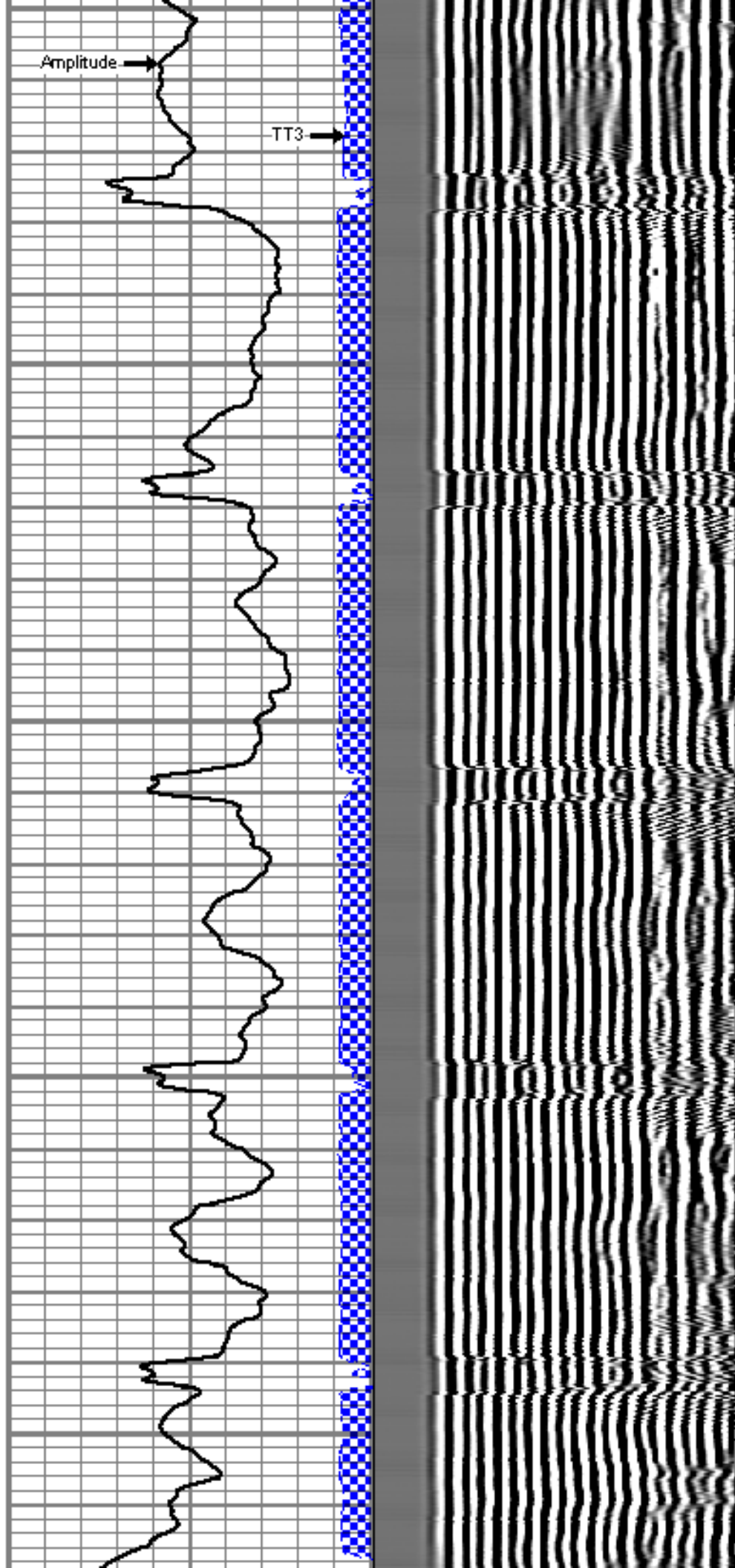
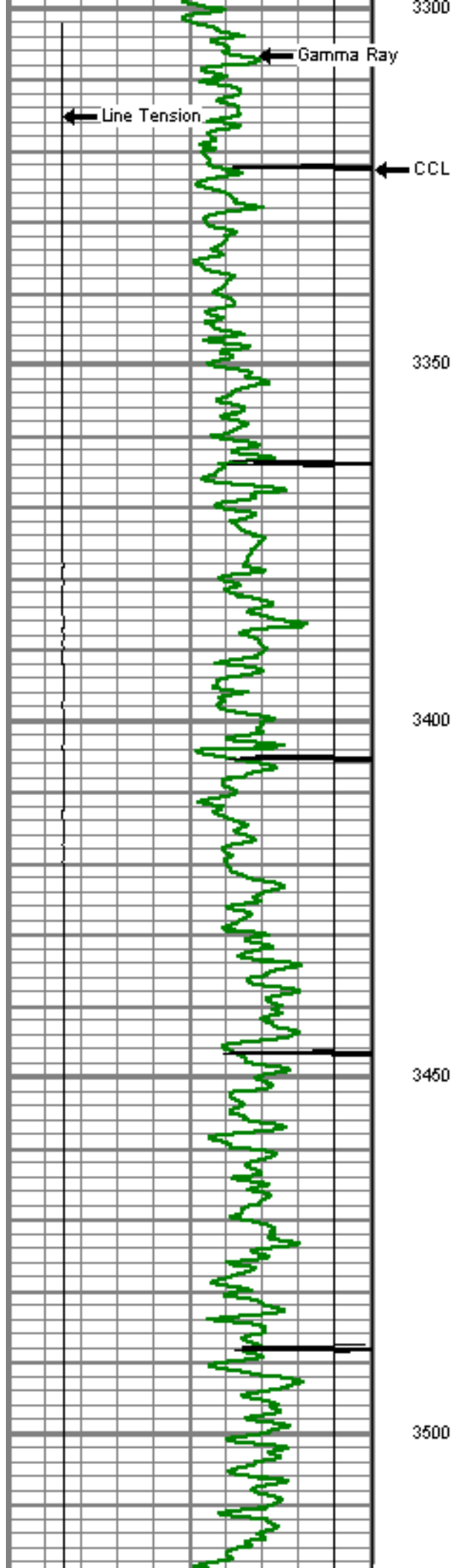
## MAIN PASS

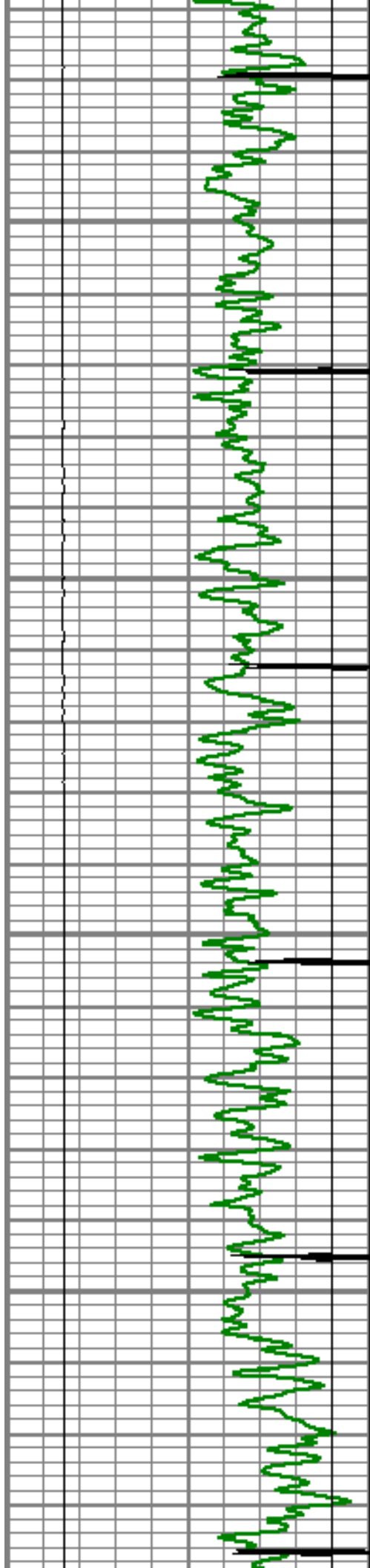
5" = 100'

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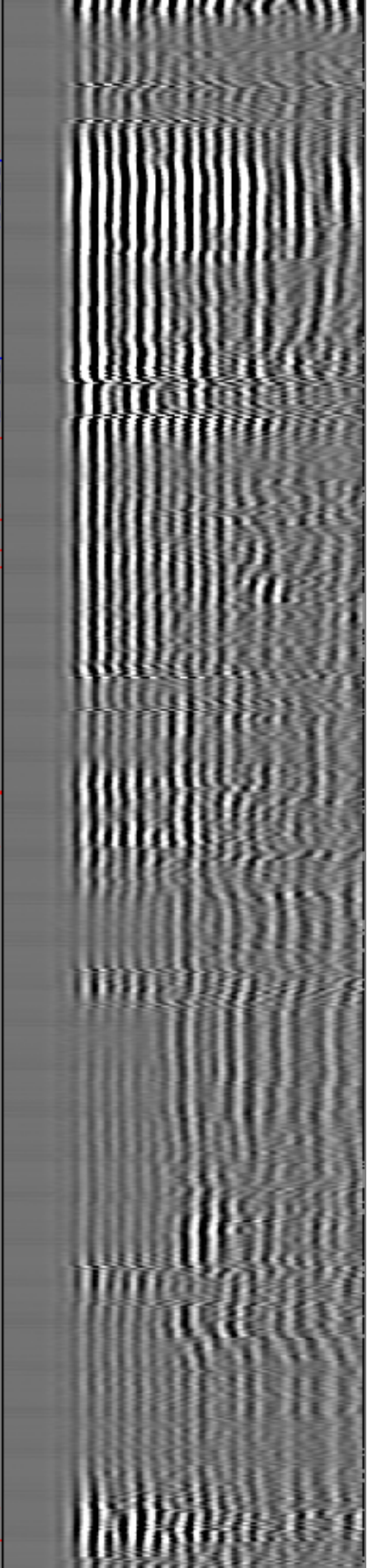
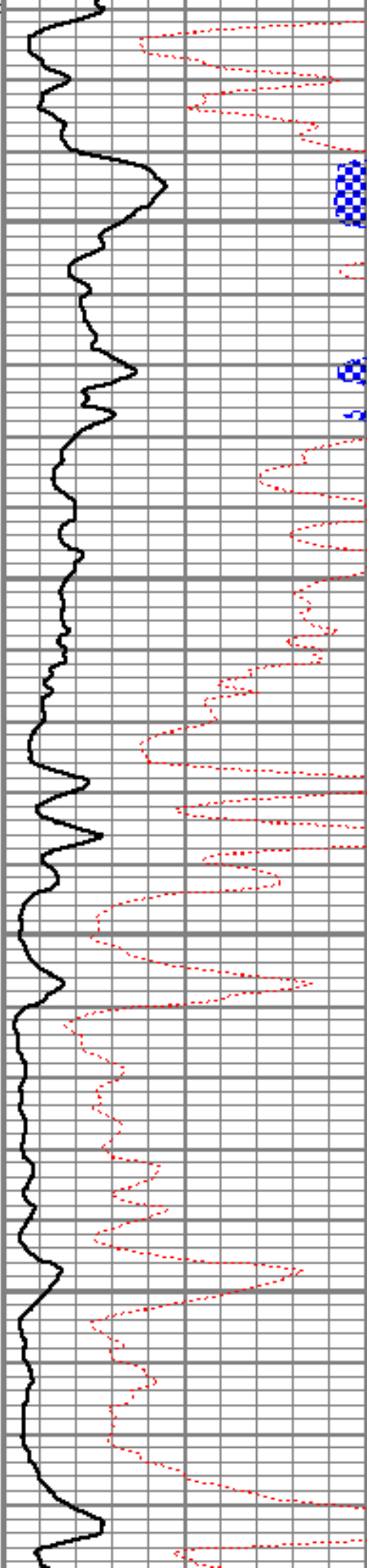
Top of Cement

3550

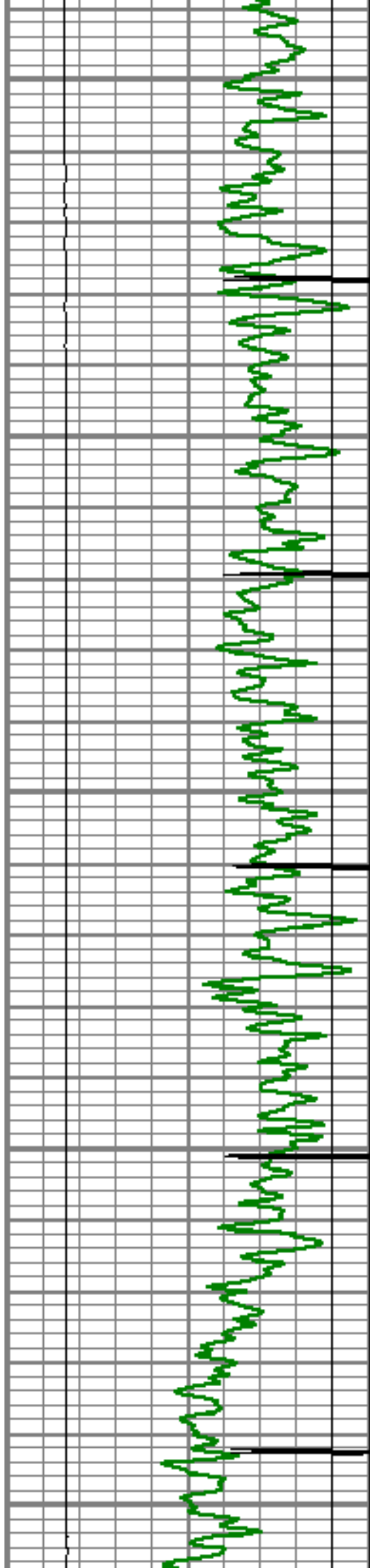
3600

3650

3700







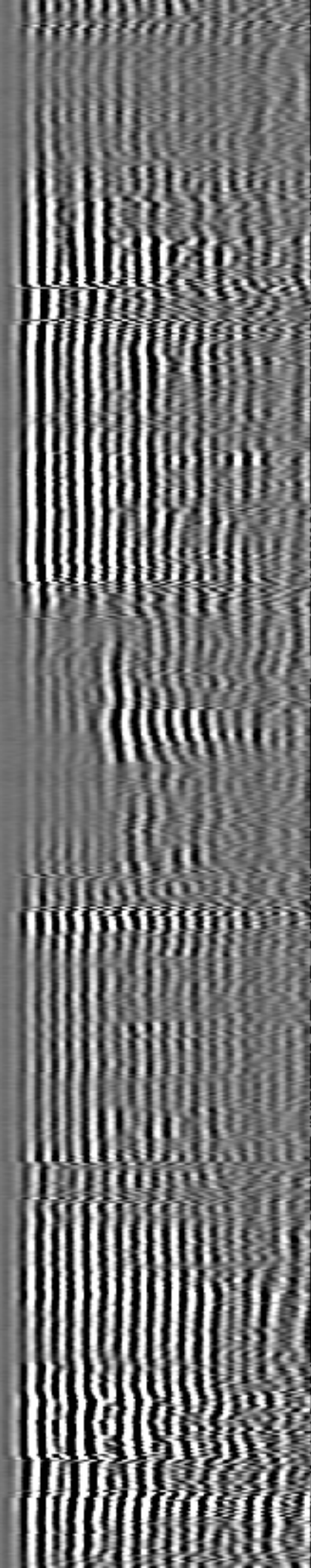
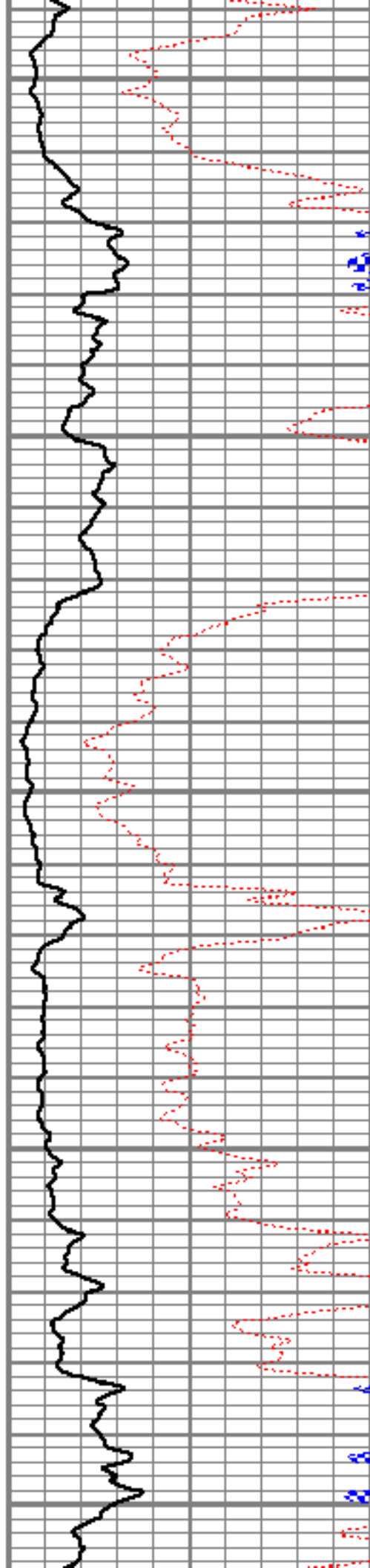
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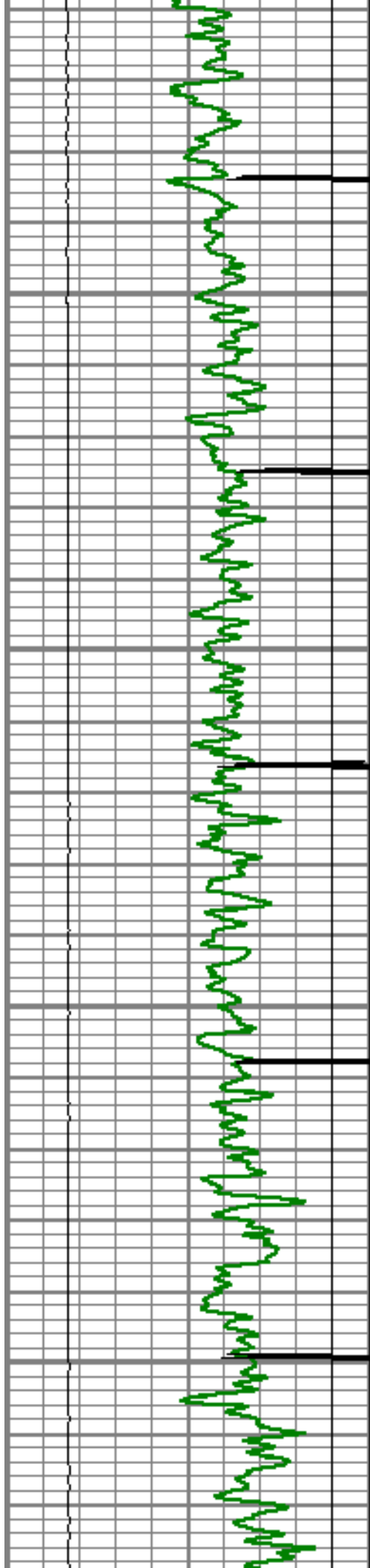
3800

3850

3900

3950



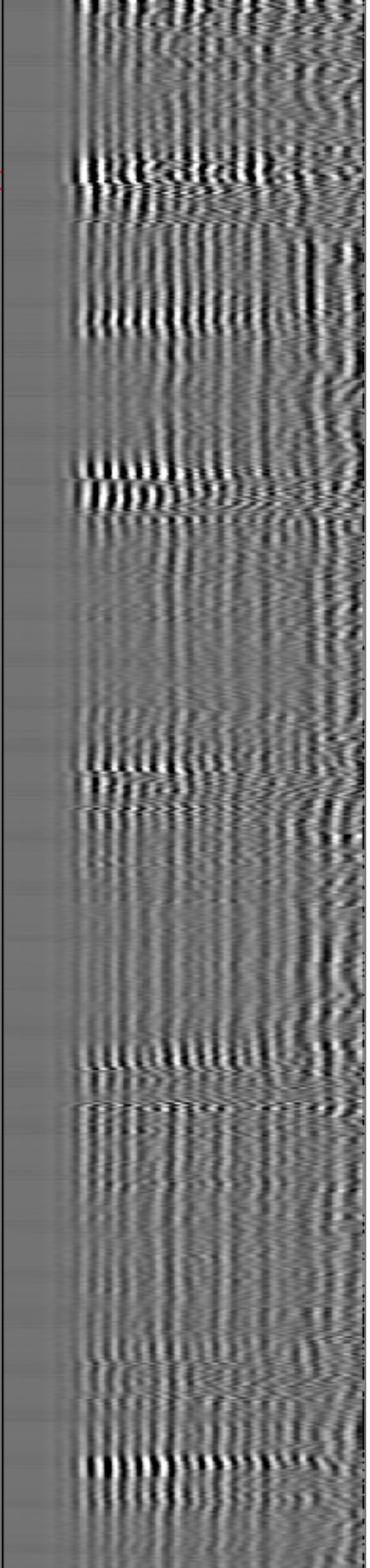
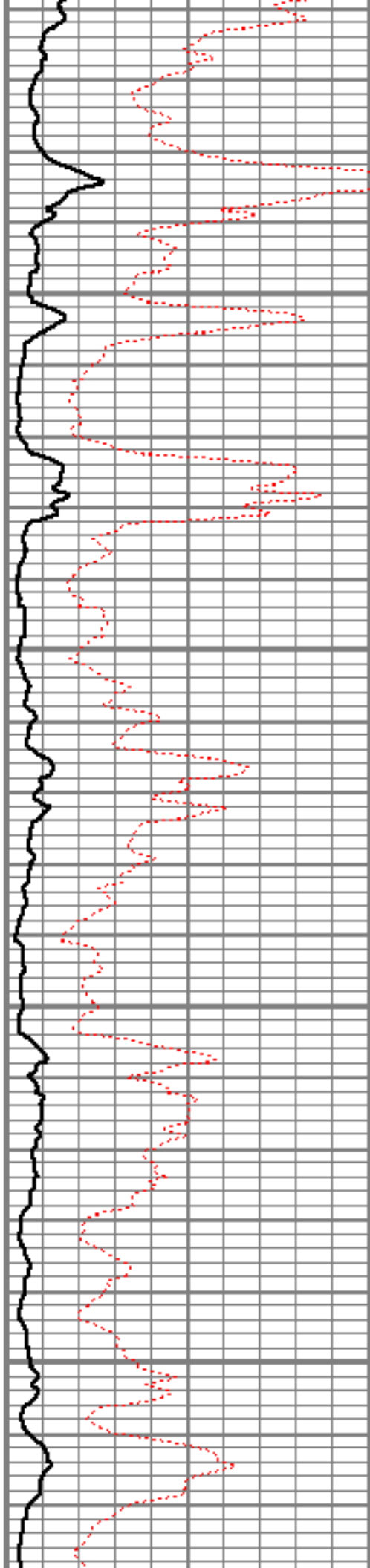


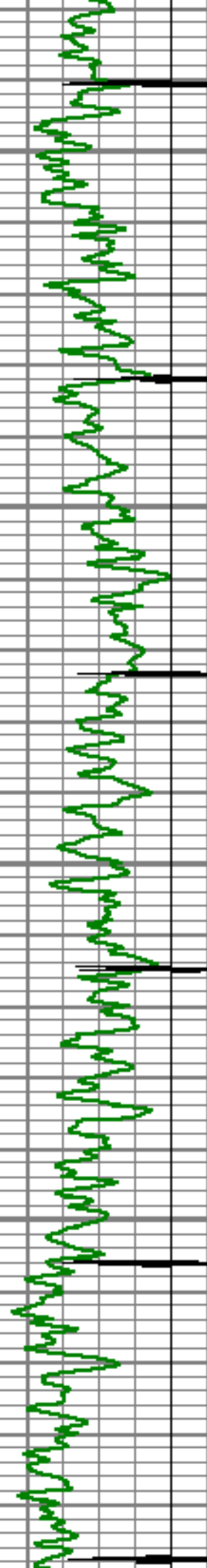
4000

4050

4100

4150



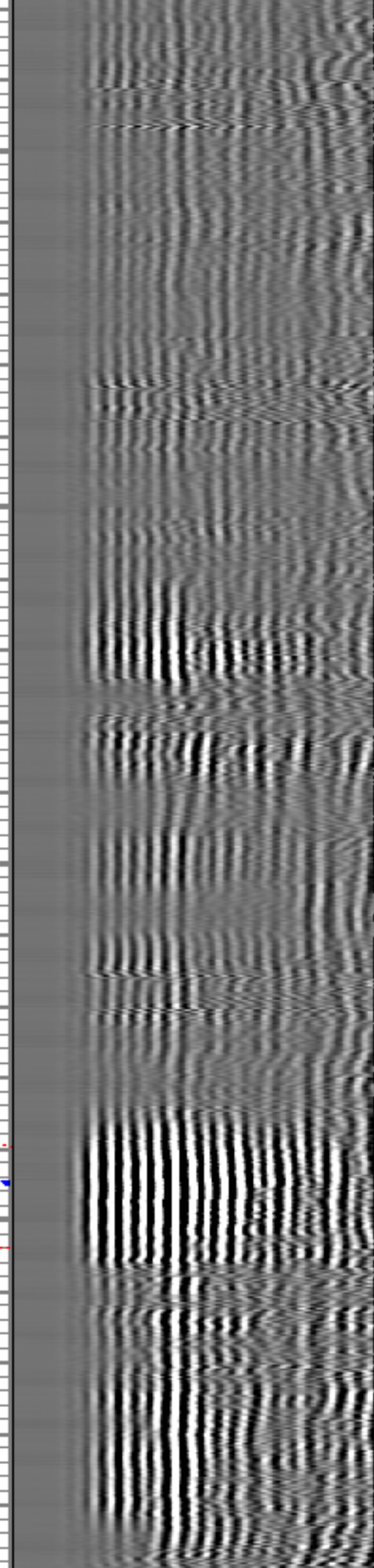
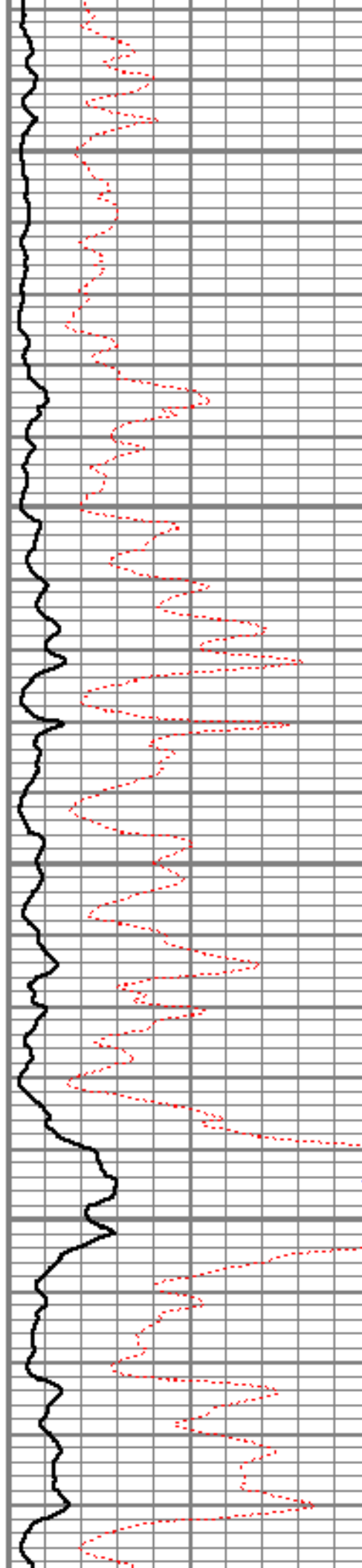


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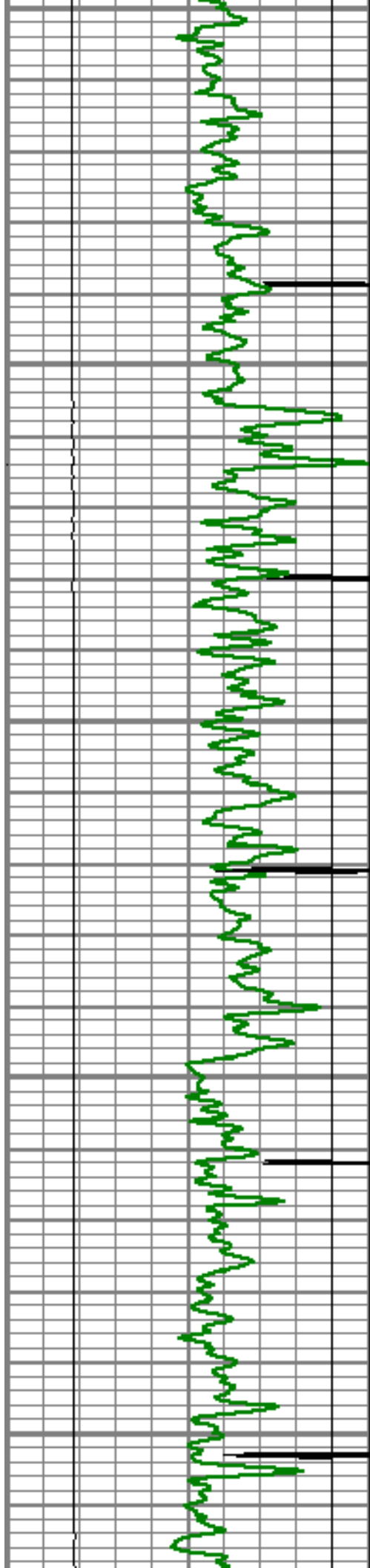
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4300

4350







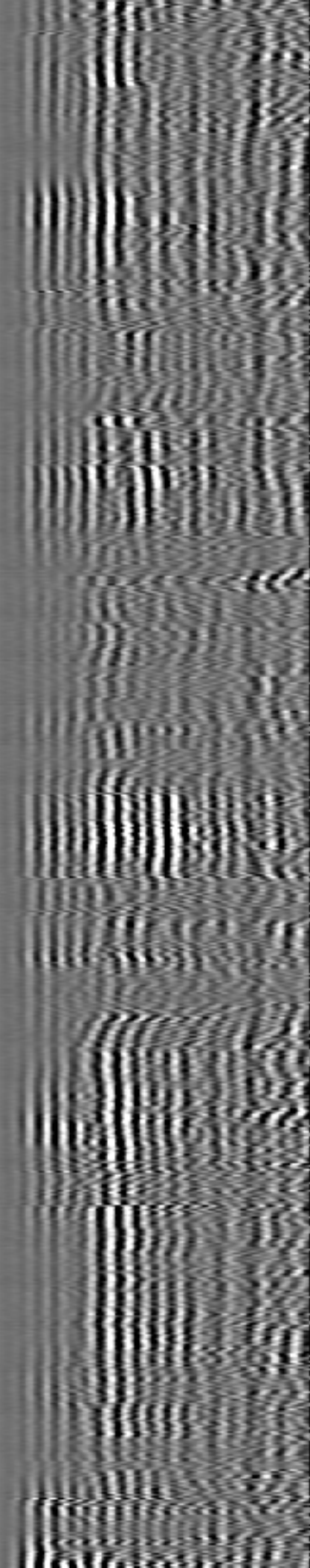
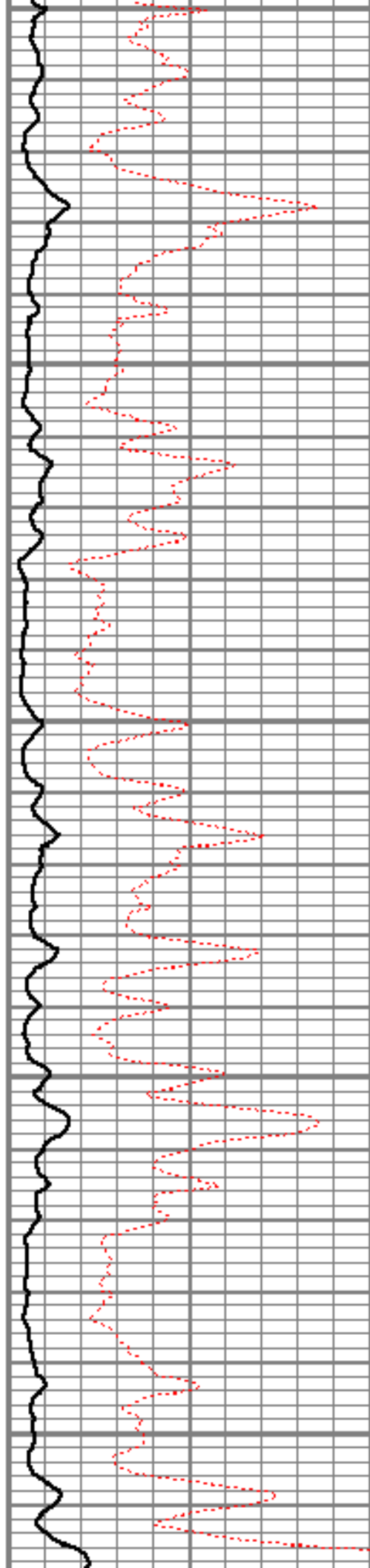
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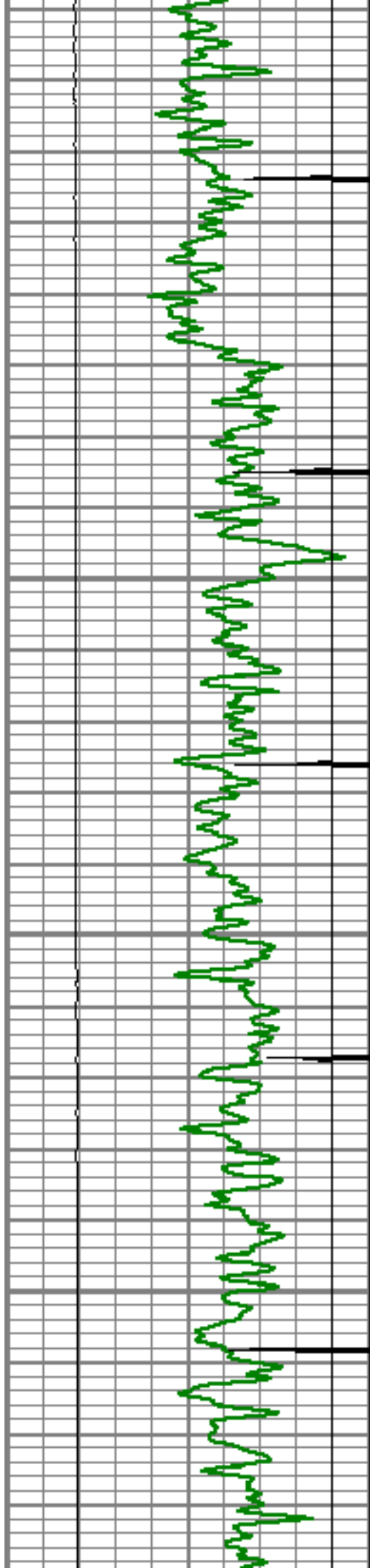
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4500

4550

4600



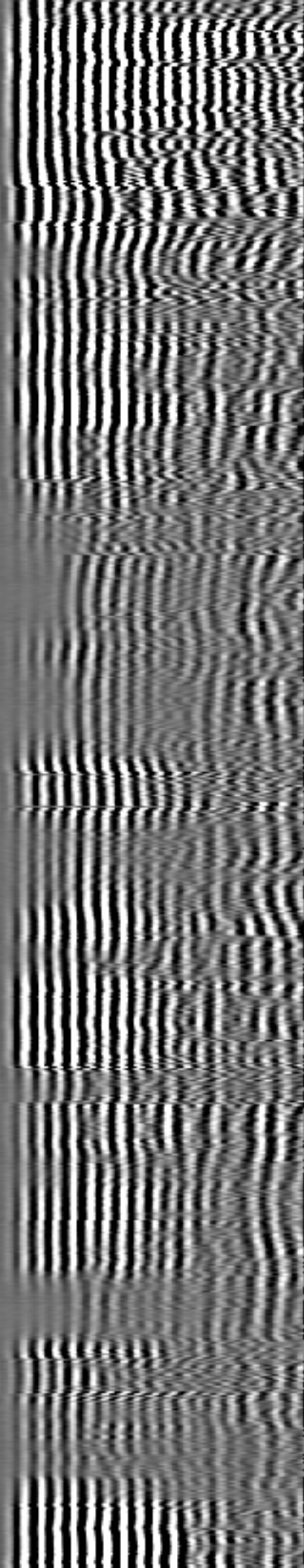
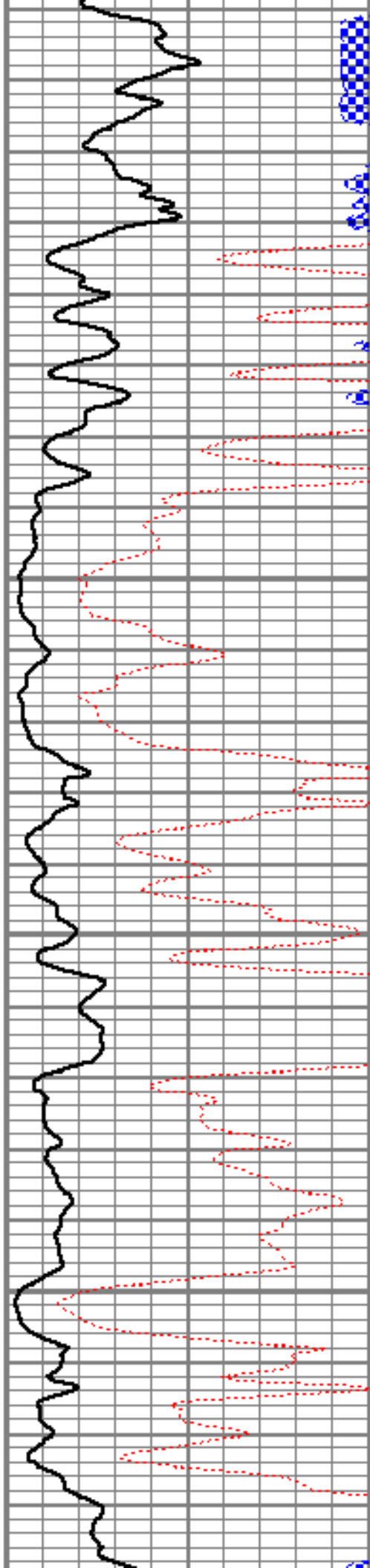


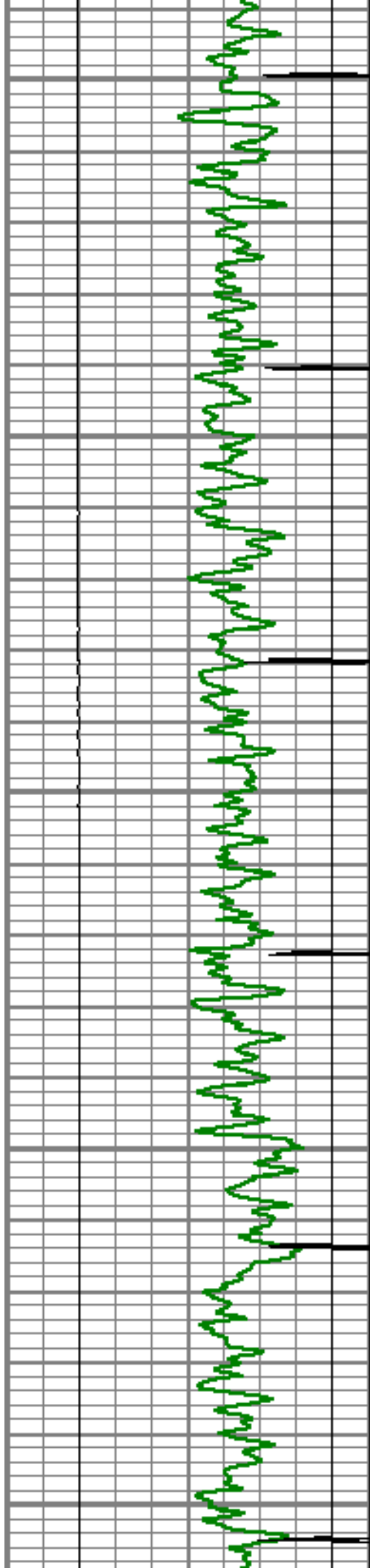
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4700

4750

4800





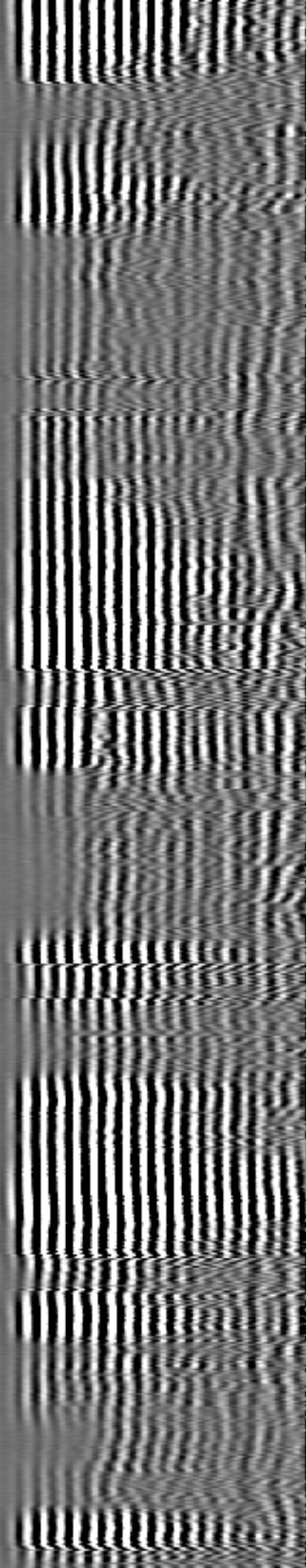
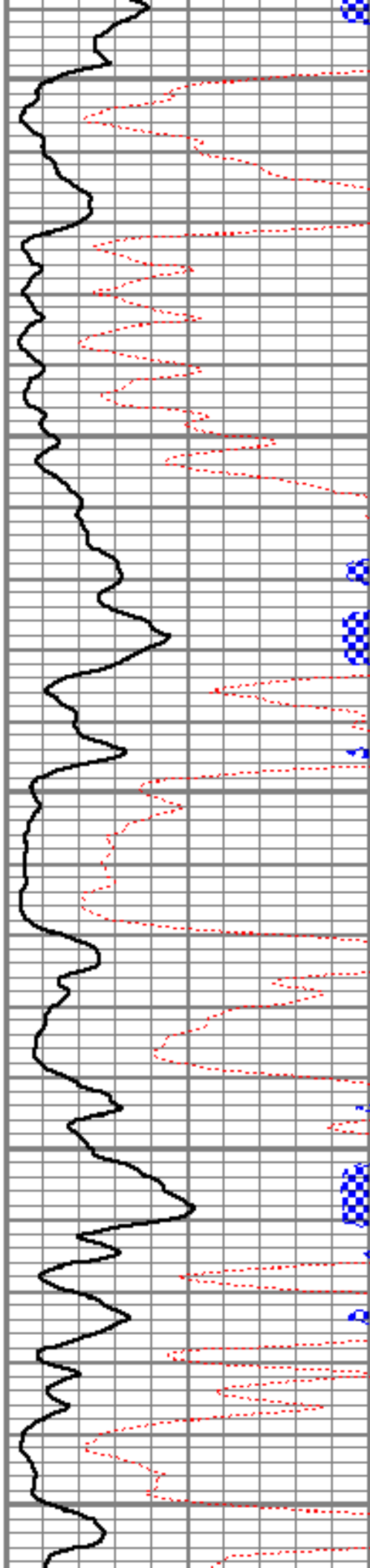
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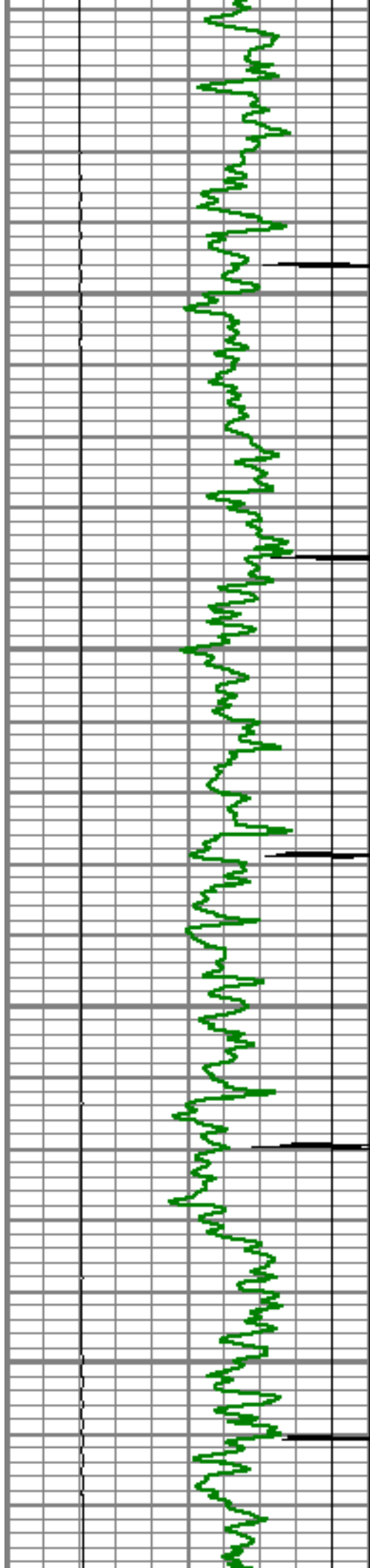
4950

5000

5050





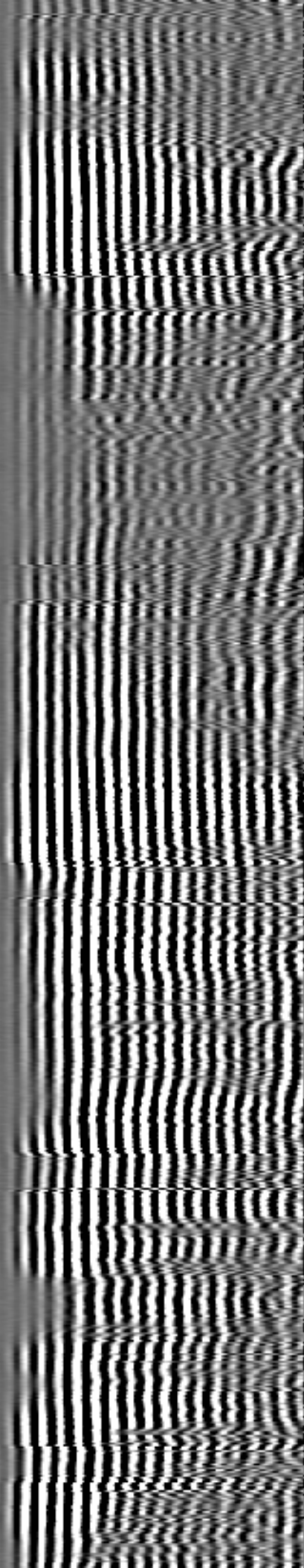
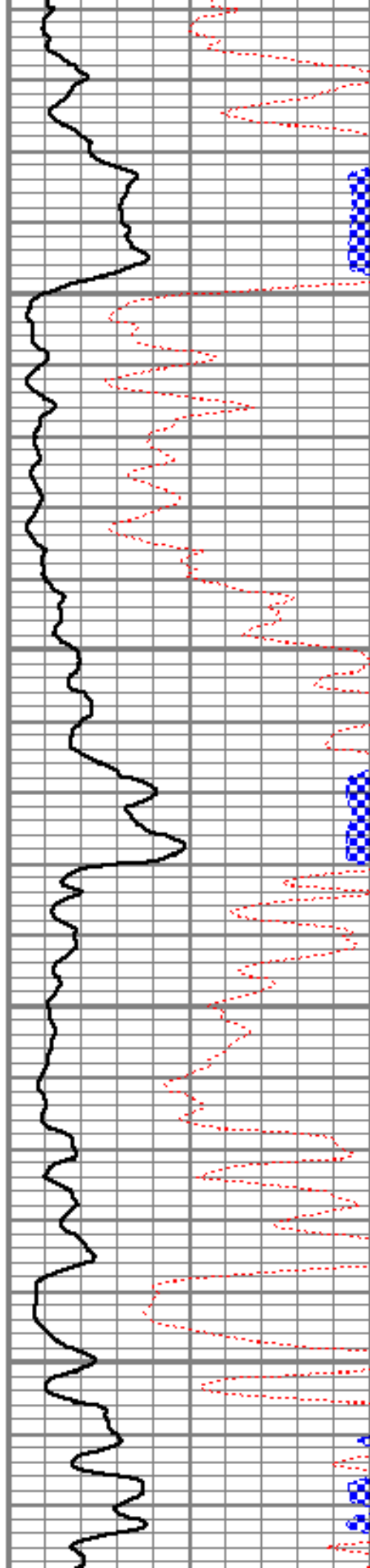


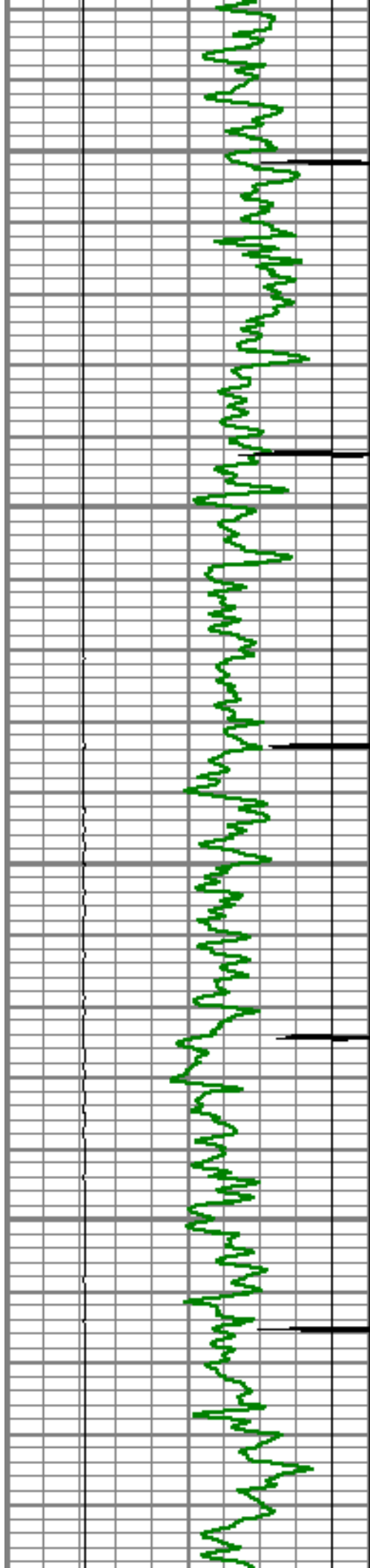
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5150

5200

5250



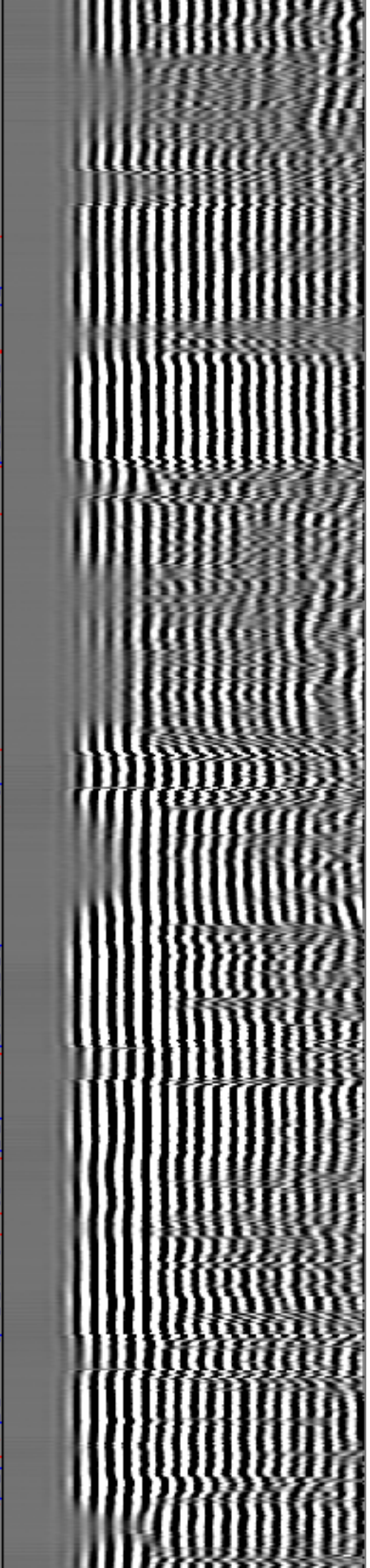
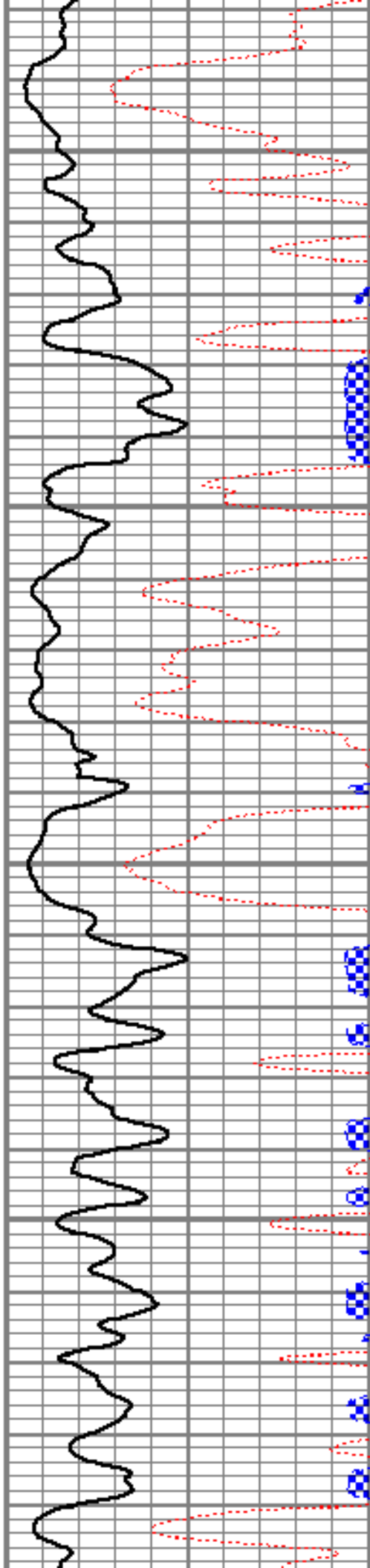


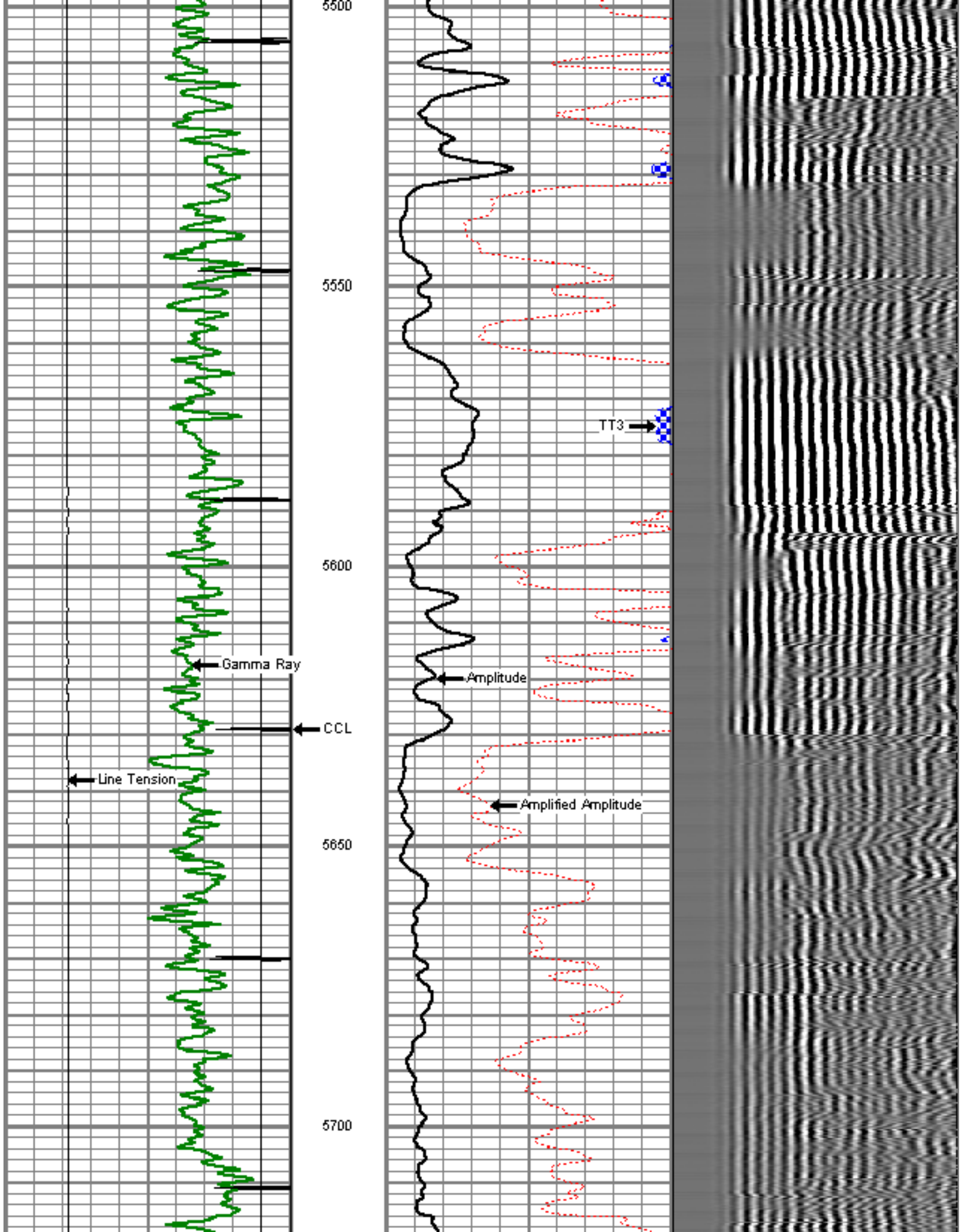
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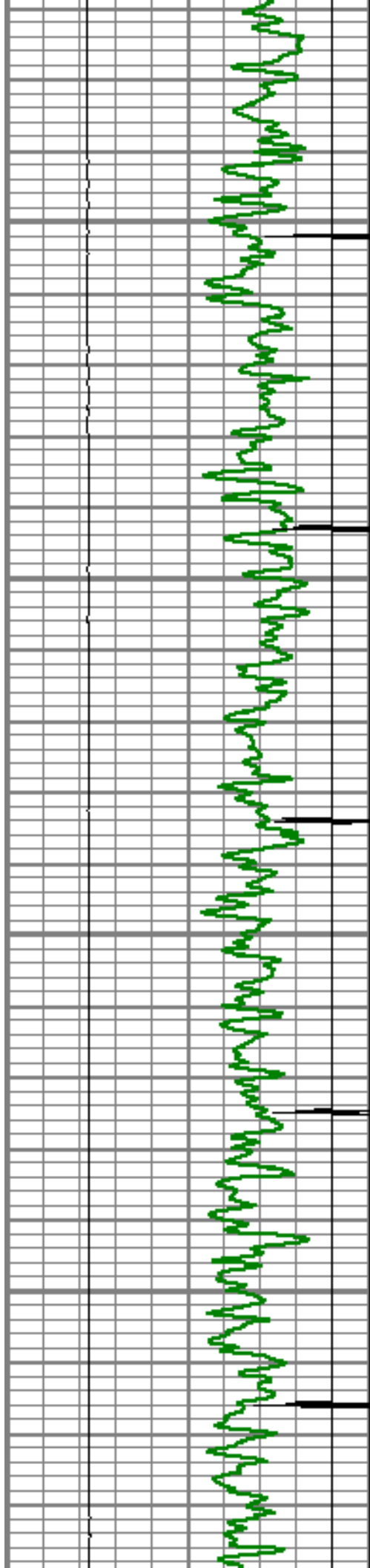
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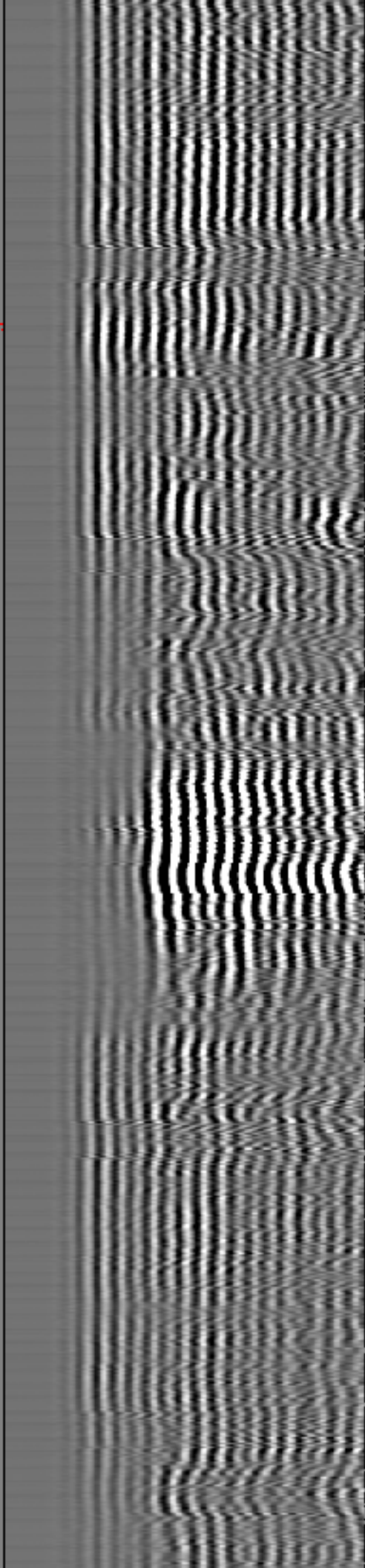
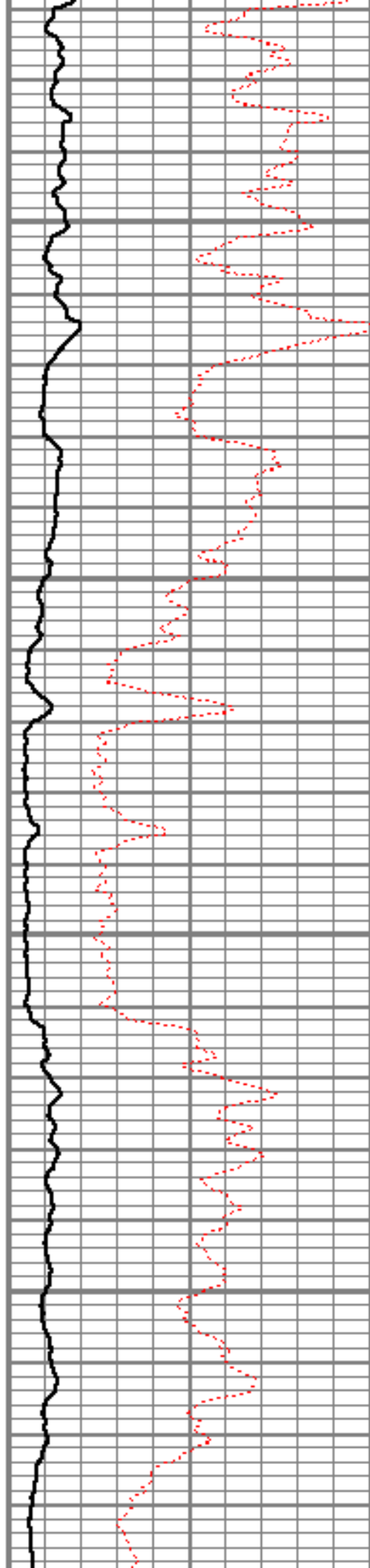


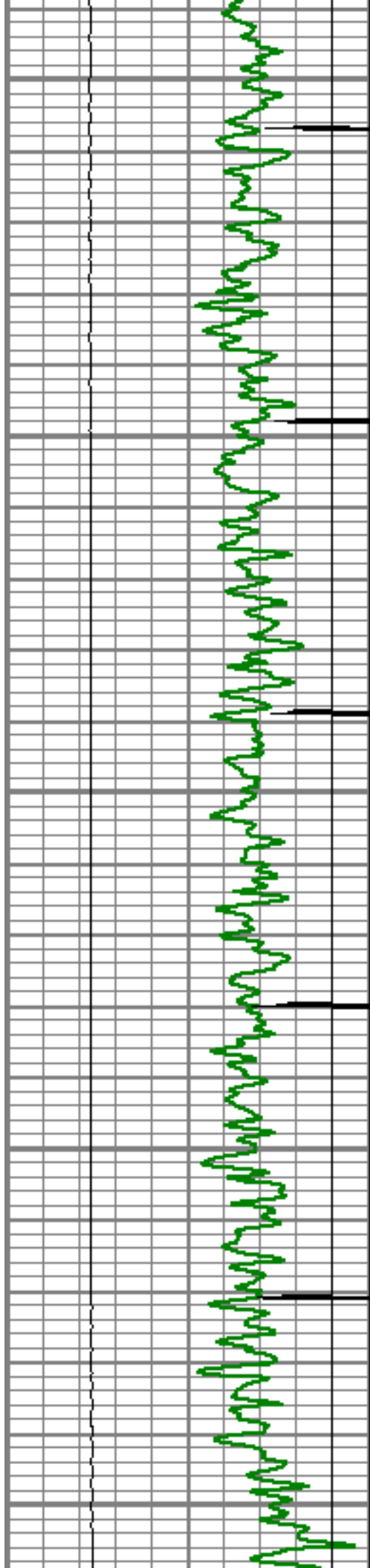
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5800

5850

5900





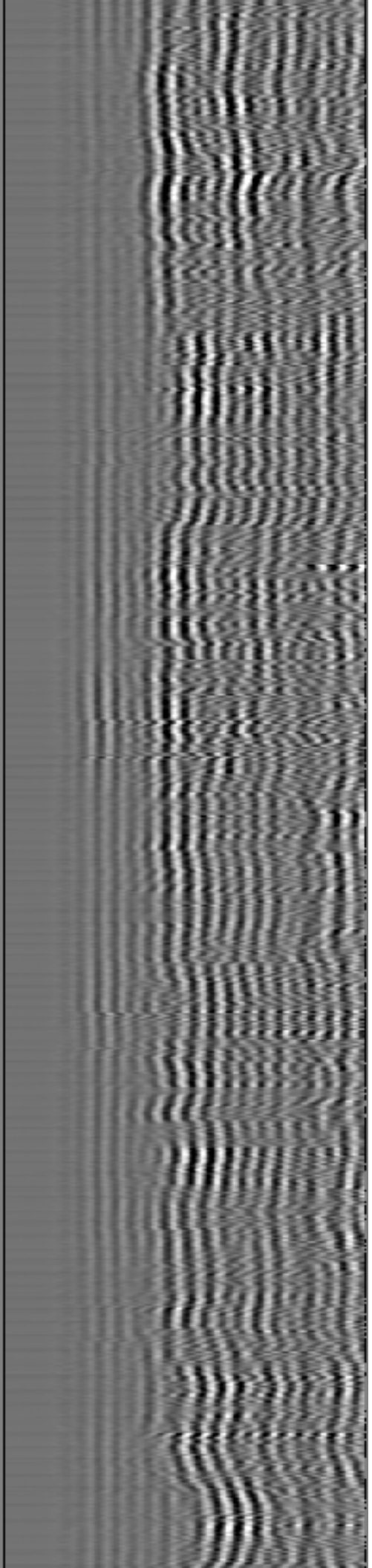
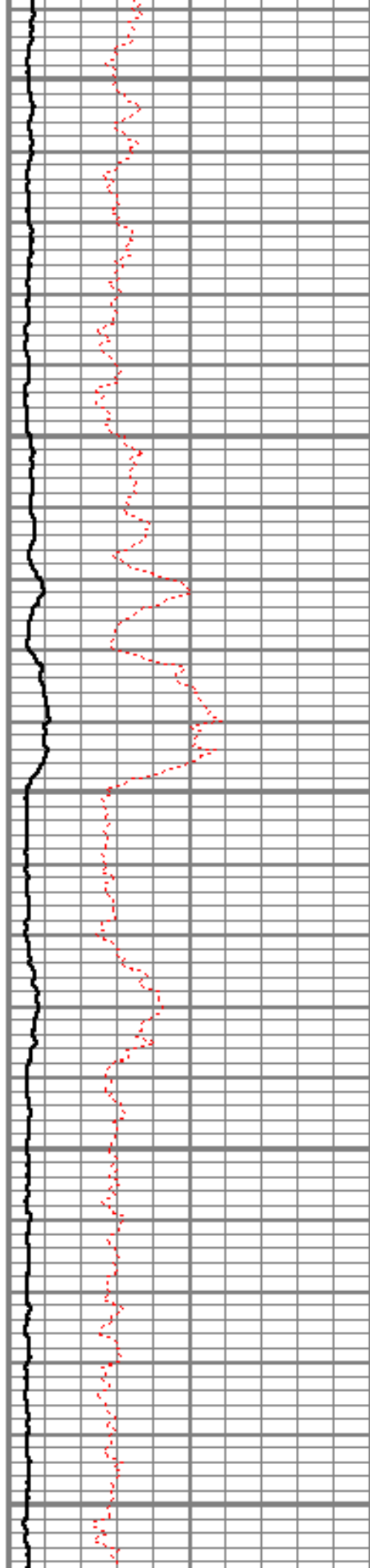
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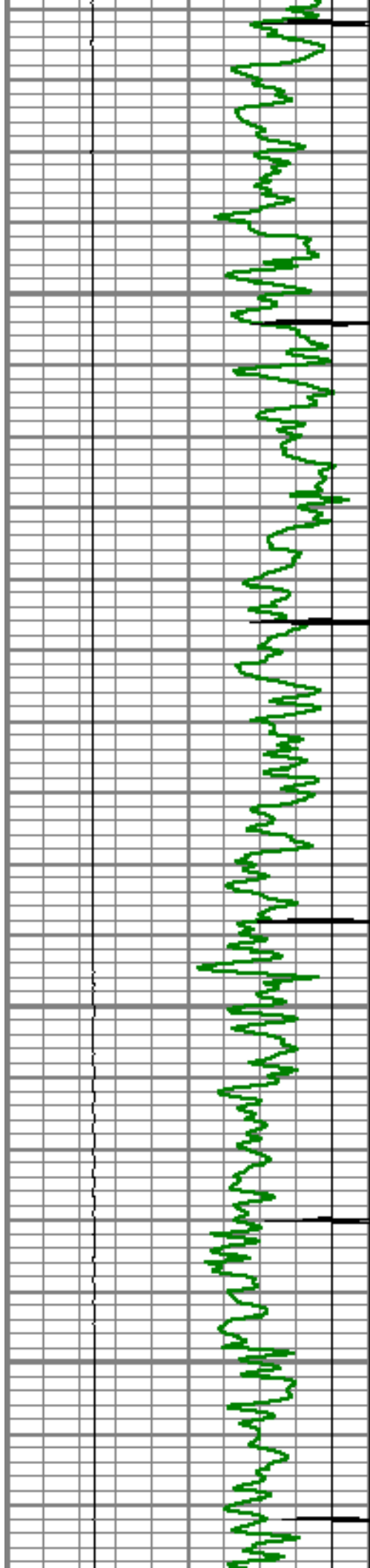
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6050

6100

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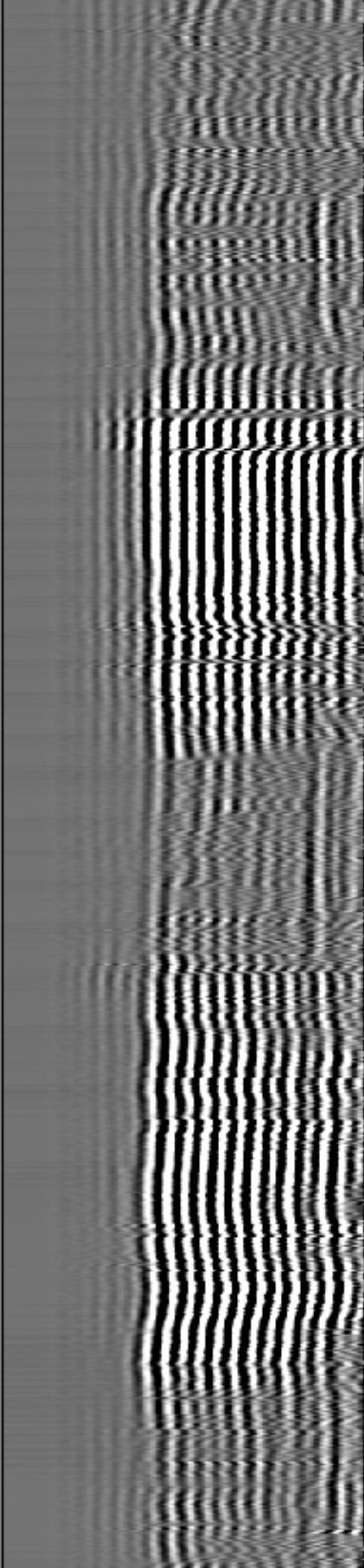
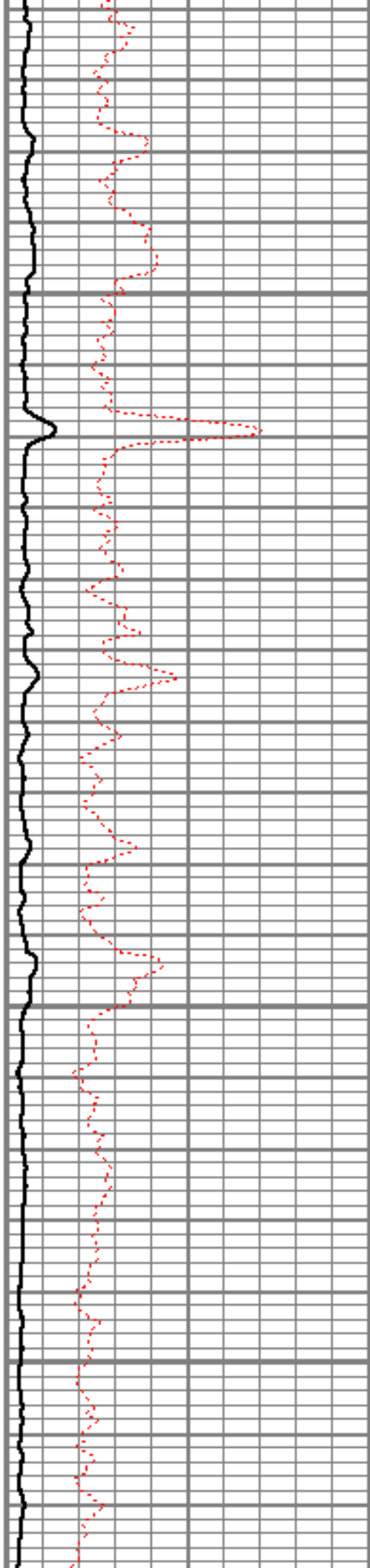


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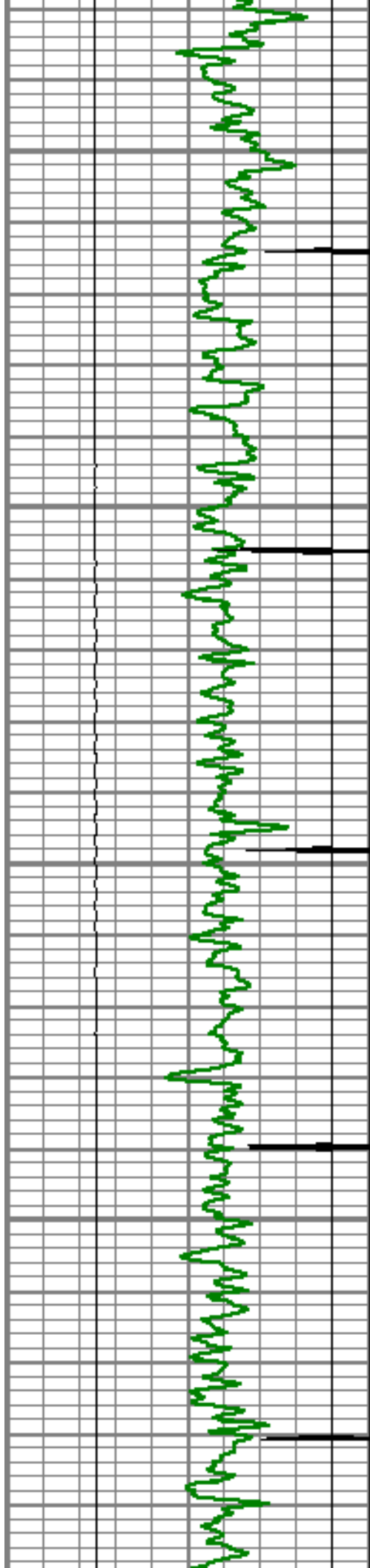
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6350





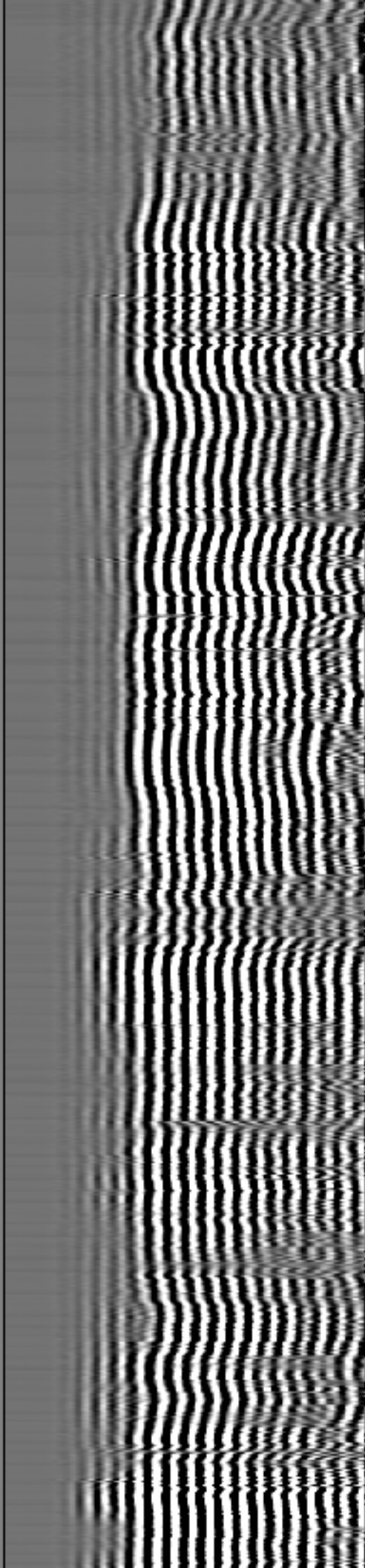
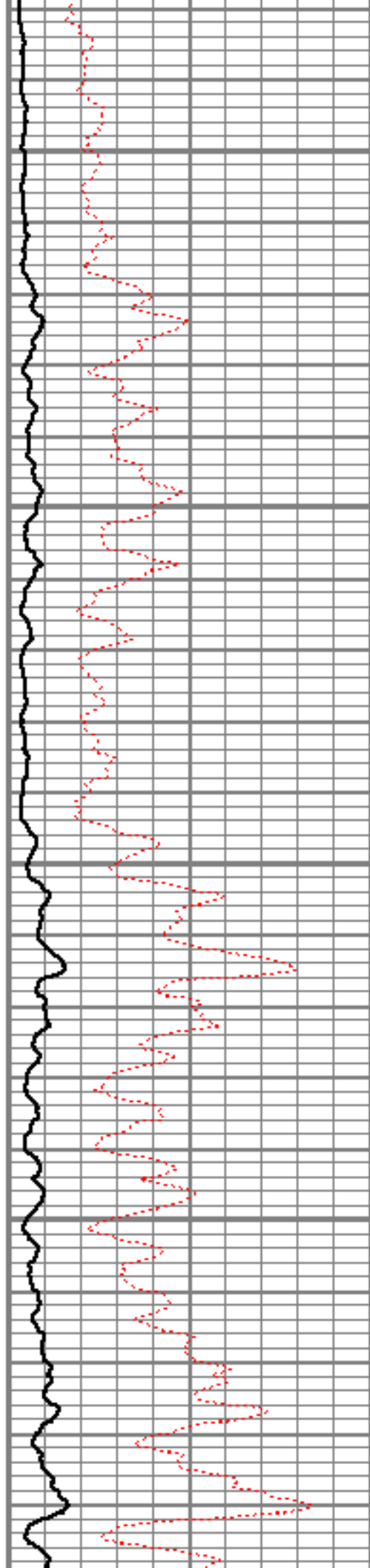


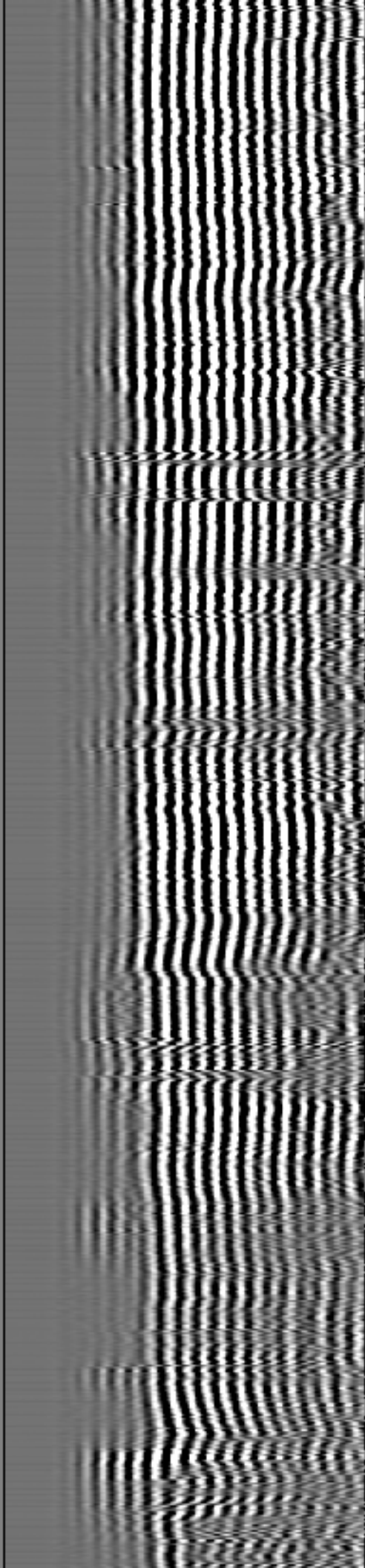
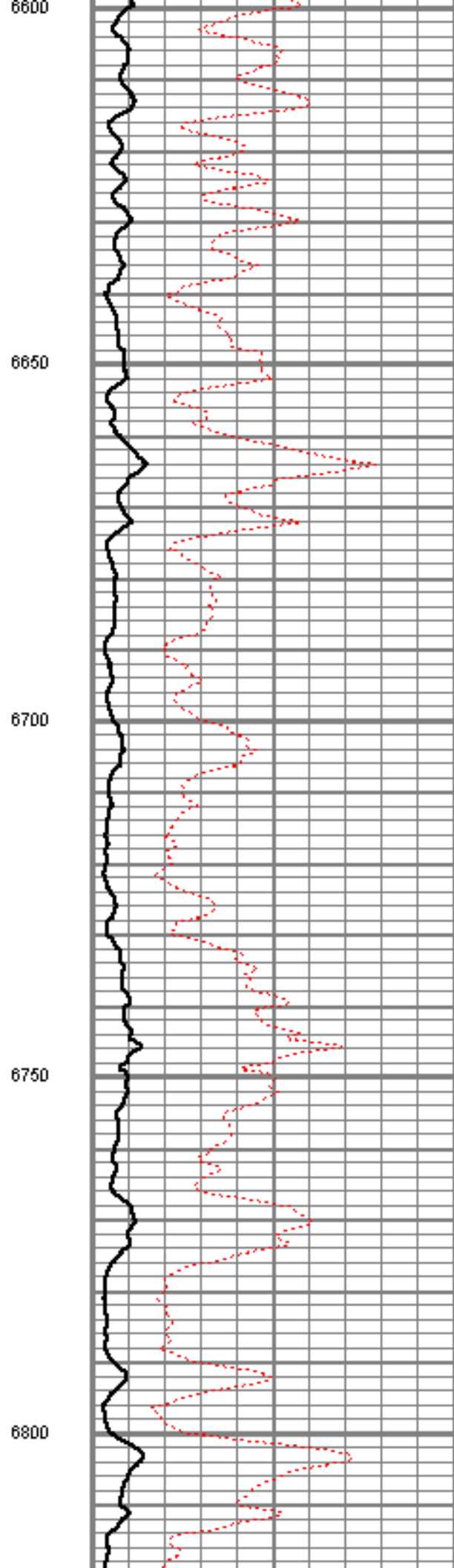
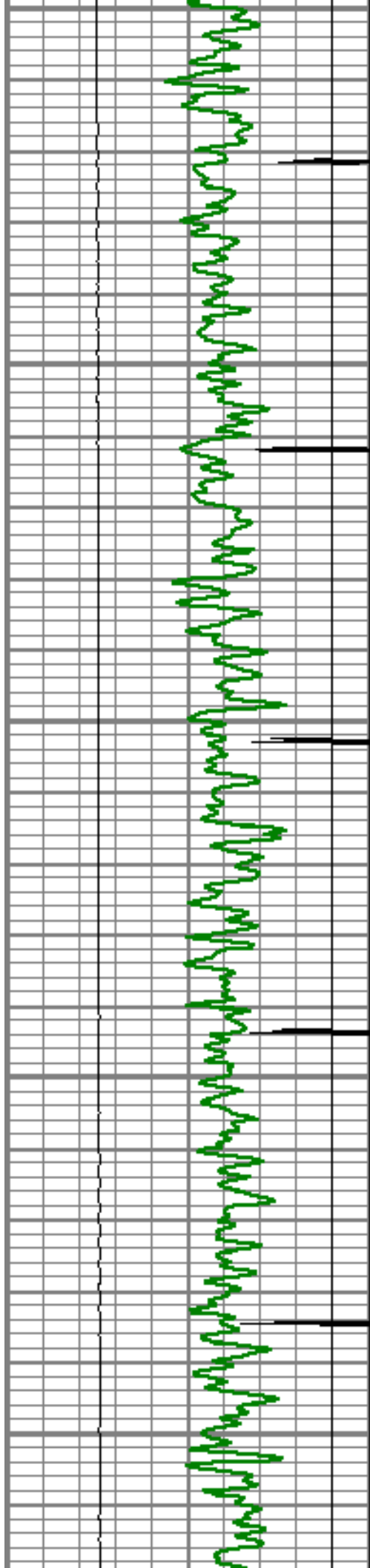
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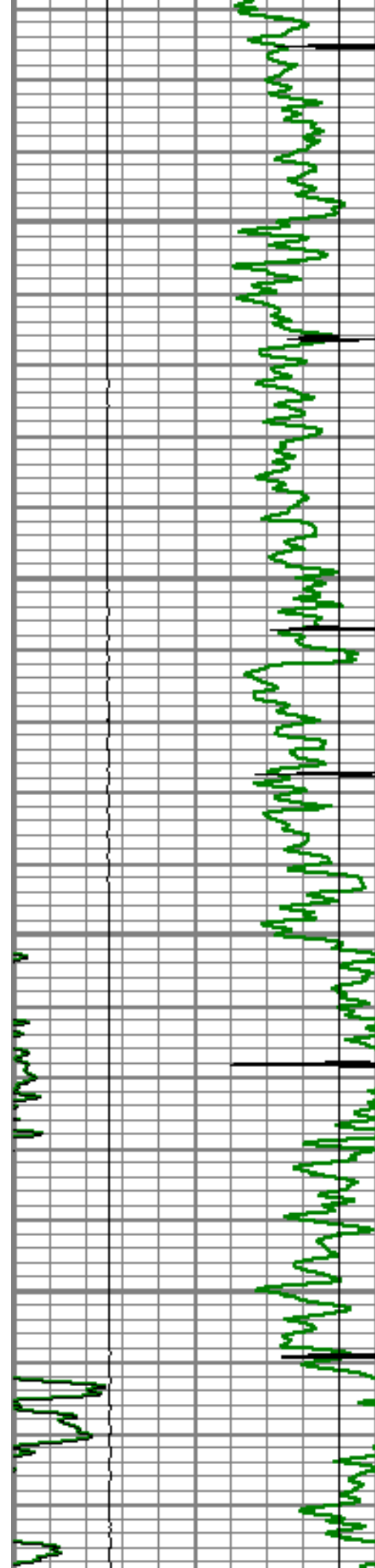
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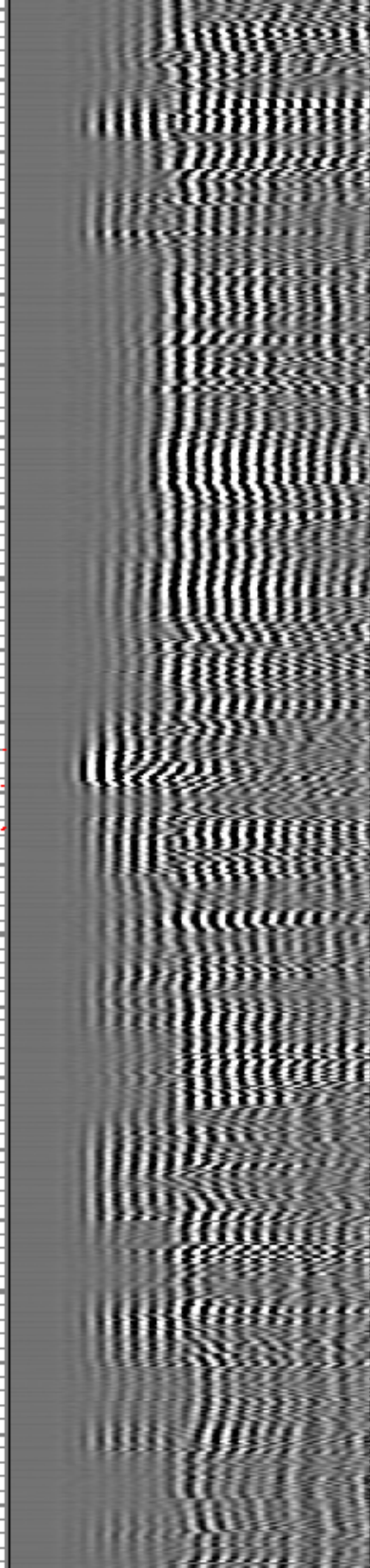
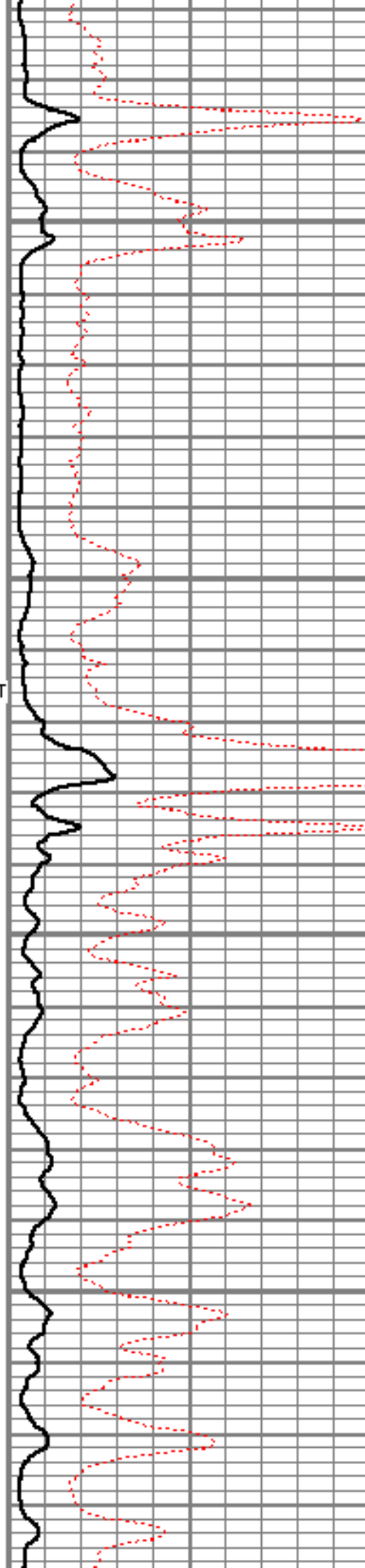
SHORT JOINT

6850

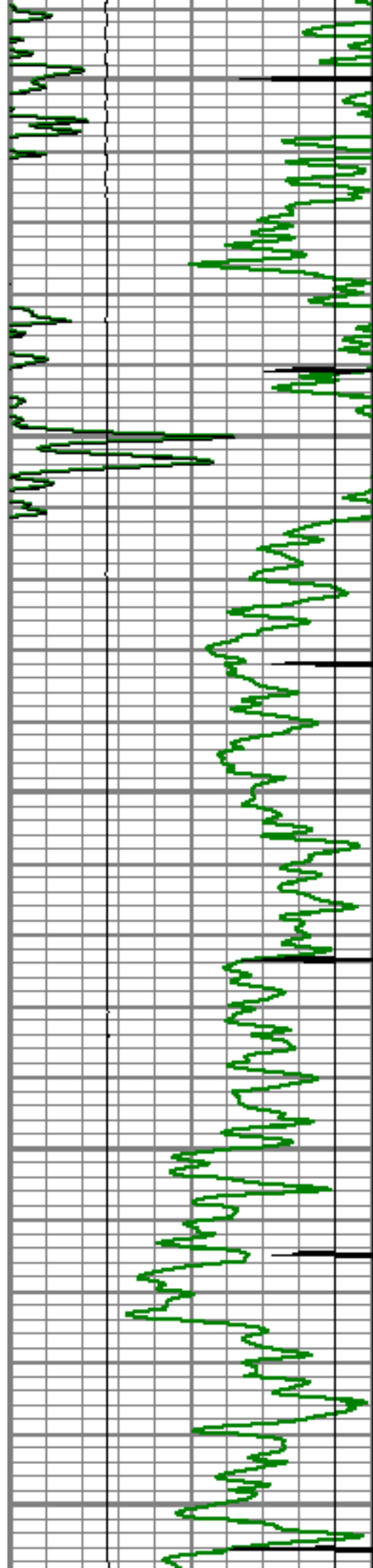
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6950

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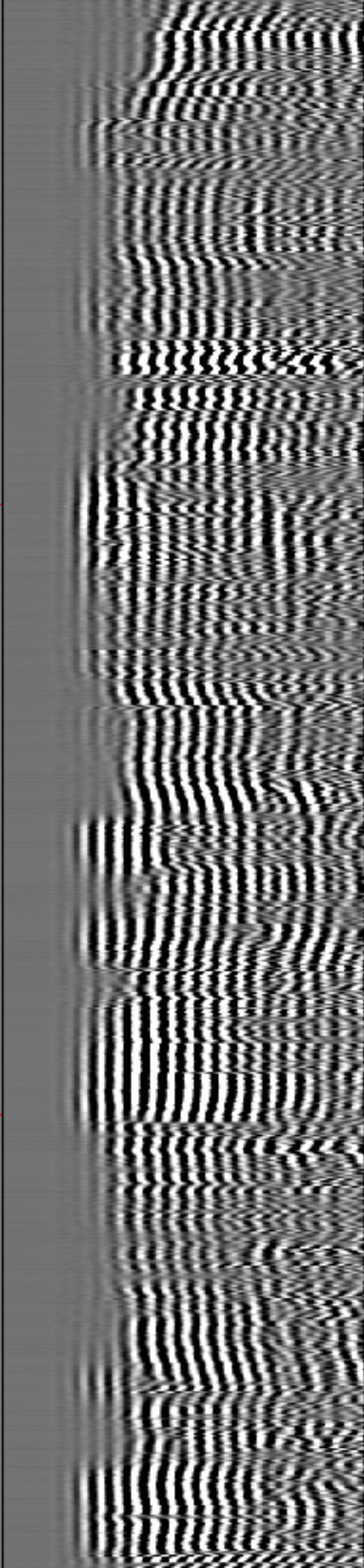
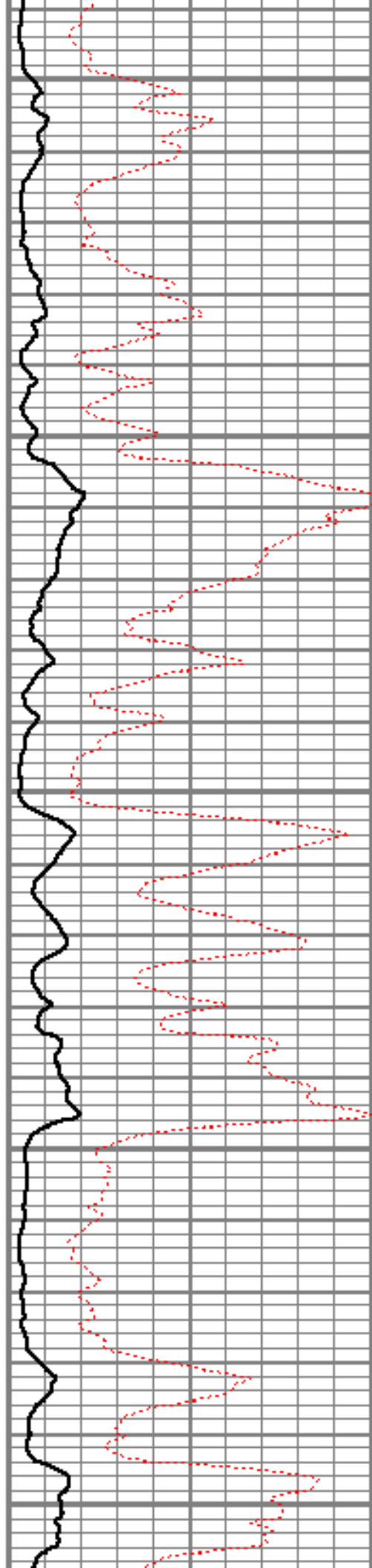
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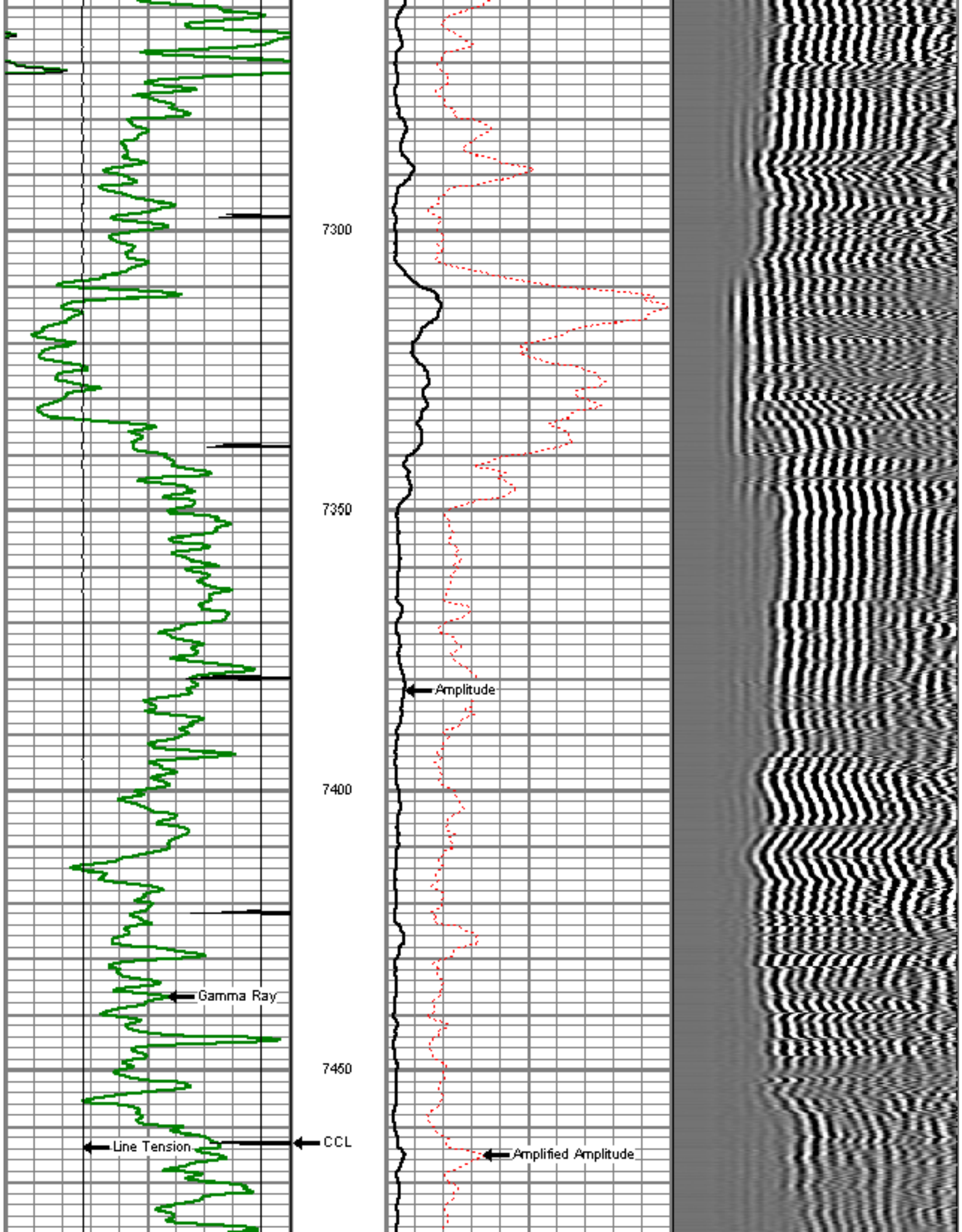
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7150

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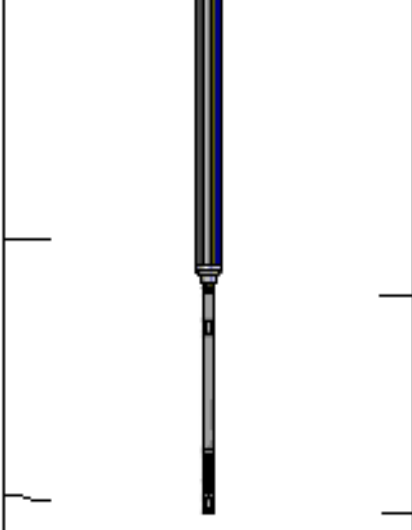
7250










GR	3.63		GR-PROBE_GR (PRB_GR_275_01) Probe stand alone Gamma Ray Tool	4.54	2.75	30.00
TEMP	0.17		TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive pulse Temp tool	12.88	1.38	15.00
Dataset: aristocrat angus 6-0-8 cbl.db: field/well/run1/MERGE3 Total Length: 24.98 ft Total Weight: 126.50 lb O.D. 2.75 in						

	Company	ENCANA OIL & GAS INC.
	Well	ARISTOCRAT ANGUS 6-0-8
	Field	WATTENBERG
	County	WELD
	State	COLORADO