

CEMENT BOND LOG

Mesa Wireline

Company		ENCANA OIL & GAS USA INC	
Well		PURITAN 4-4-34	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Company		ENCANA OIL & GAS USA INC	
Well		PURITAN 4-4-34	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API #: 05-123-31748-0000	
SHL: 2017' FSL & 2093' FEL NWSE BHL: 2610' FSL & 2604' FEL NWSE SEC. 34 TWP. 2N RGE. 68W		Other Services NONE	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING = 13'	
Drilling Measured From		KELLY BUSHING	
Elevation		K.B. 5015' D.F. 5014' G.L. 5002'	

Date	29 AUGUST 2011						
Run Number	ONE						
Depth Driller	8343'						
Depth Logger	8282'						
Bottom Logged Interval	8282'						
Top Log Interval	3400'						
Open Hole Size	4.5"						
Type Fluid	WATER						
Density / Viscosity	~8.3#						
Max. Recorded Temp.	262 DEG F						
Estimated Cement Top	3740'						
Time Well Ready	N/A						
Time Logger on Bottom	N/A						
Equipment Number	10901 PRD02						
Location	AULT.CO						
Recorded By	V.FULLER						
Witnessed By	G.CUMMINGS						
Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25"	0'	870'				
TWO	7.875"	0'	8343'				
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String	8.625"	24#	0'	851'			
Prot. String							
Production String	4.5"	11.6#	0'	8300'			
Liner							

<<< Fold Here >>>

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 4 AUGUST 2011

SHORT JOINT 7366'-7389'

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



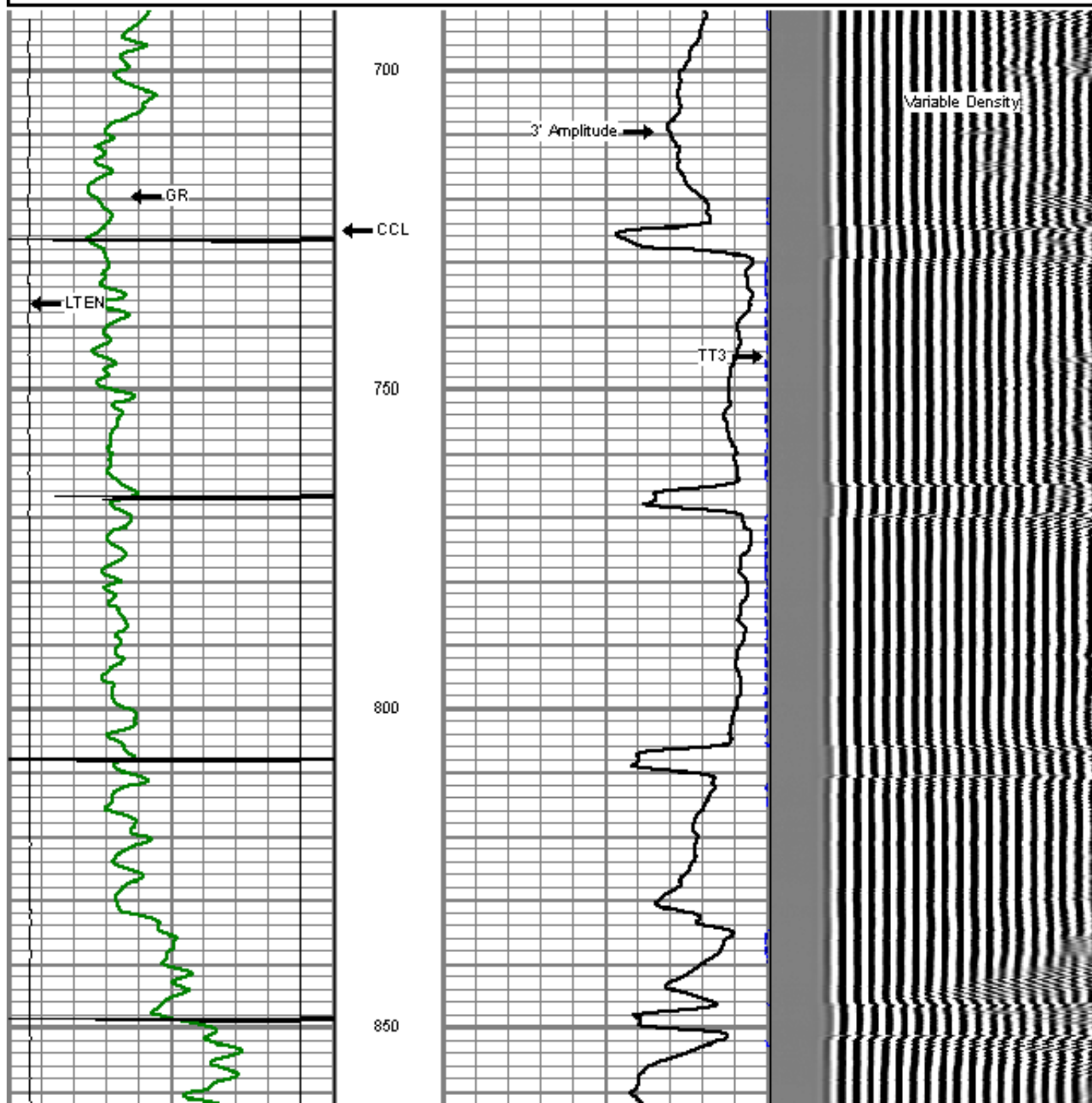
TOP REPEAT PASS

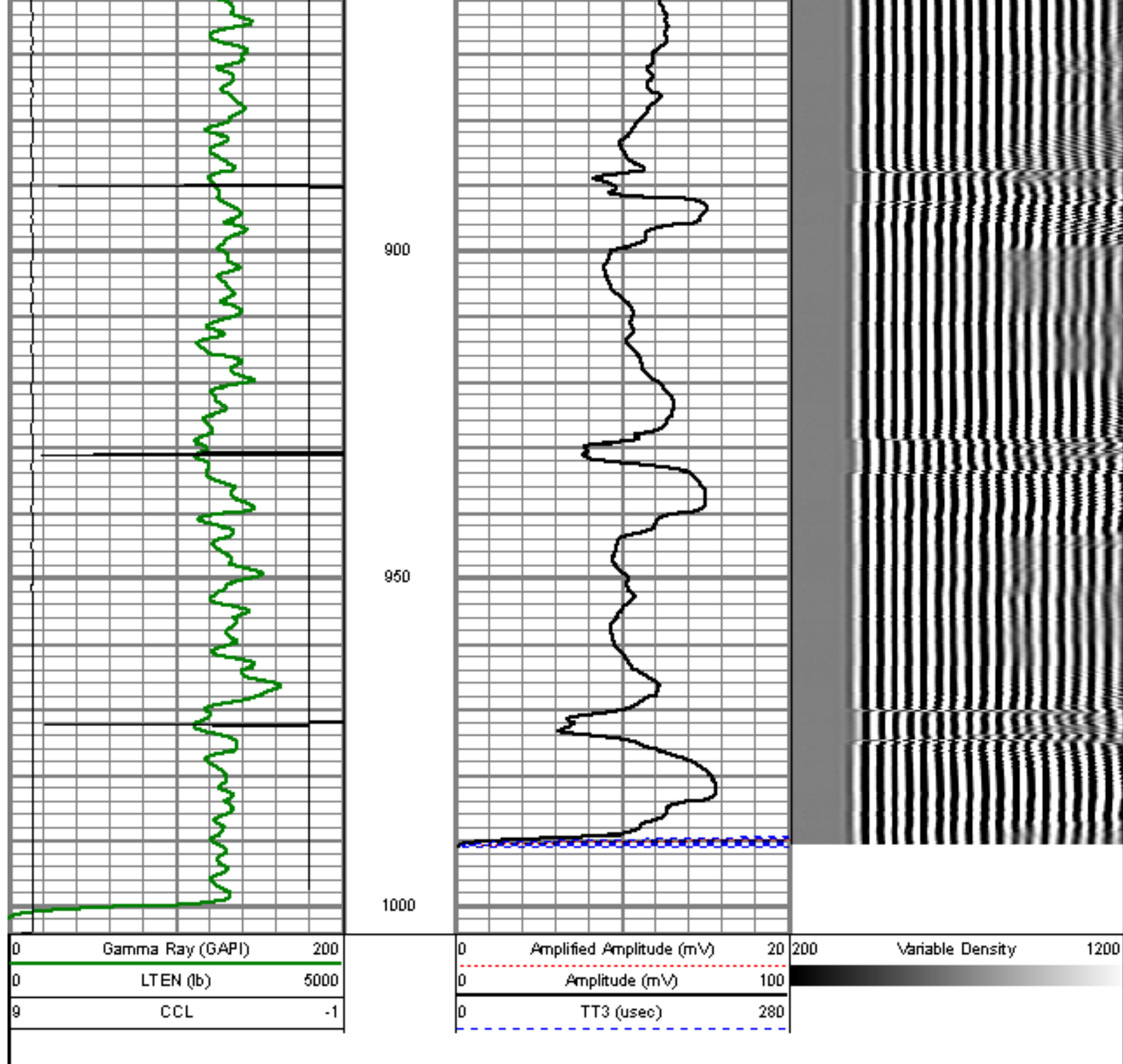
Database File: puratin 4-4-34.db
Dataset Pathname: pass8
Presentation Format: dcbl_prb
Dataset Creation: Mon Aug 29 09:47:25 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

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

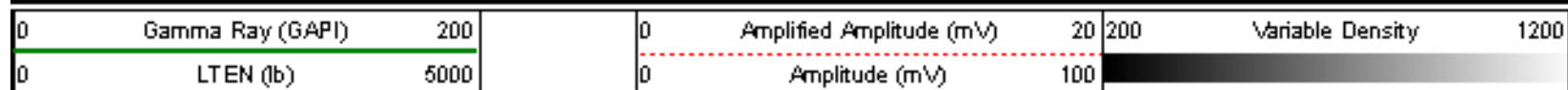


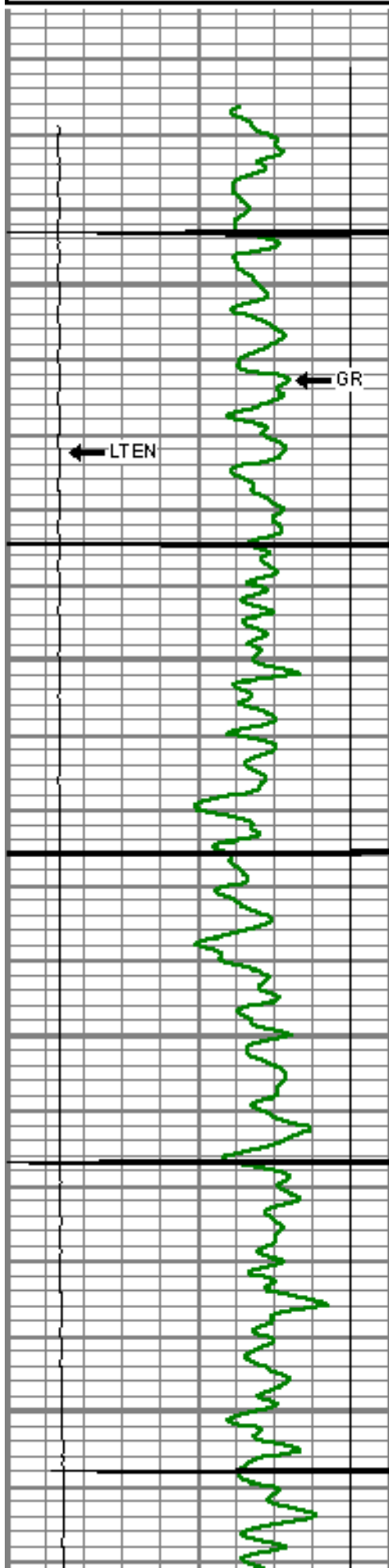


MAIN PASS

5" = 100'

Database File: puratin 4-4-34.db
 Dataset Pathname: pass70H
 Presentation Format: dcbl_prb
 Dataset Creation: Mon Aug 29 10:08:29 2011
 Charted by: Depth in Feet scaled 1:240



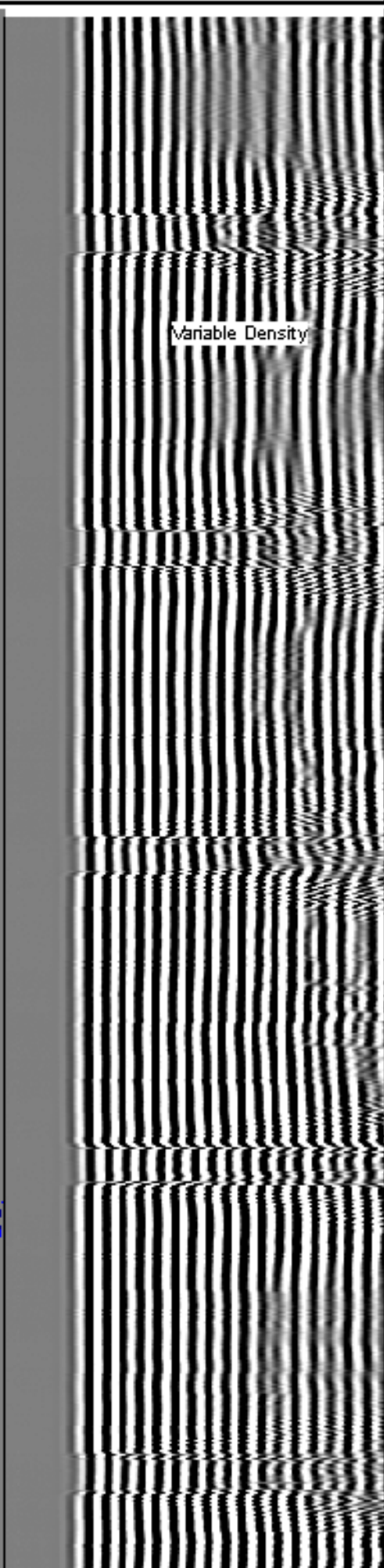


3400
3450
3500
3550

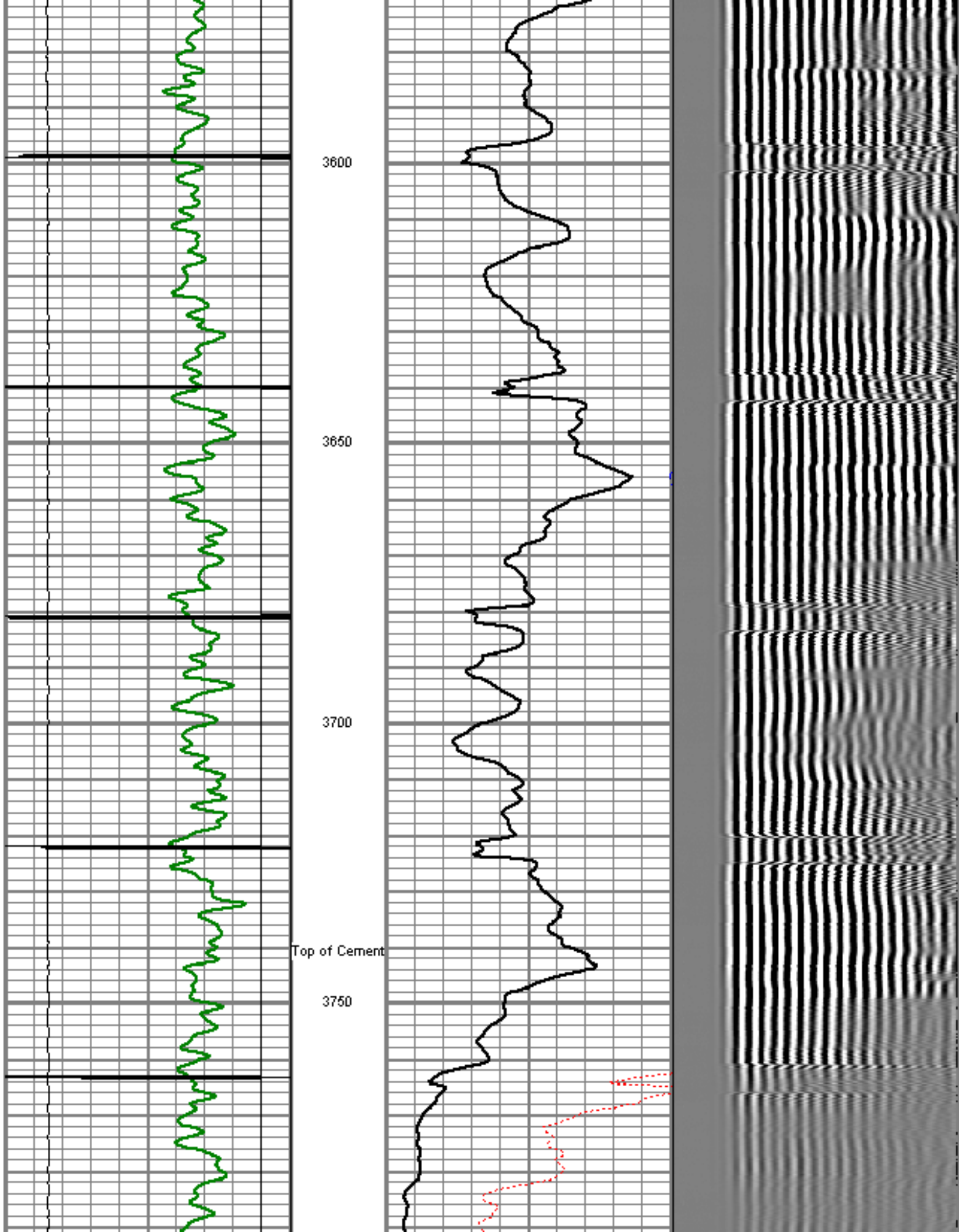
CCL

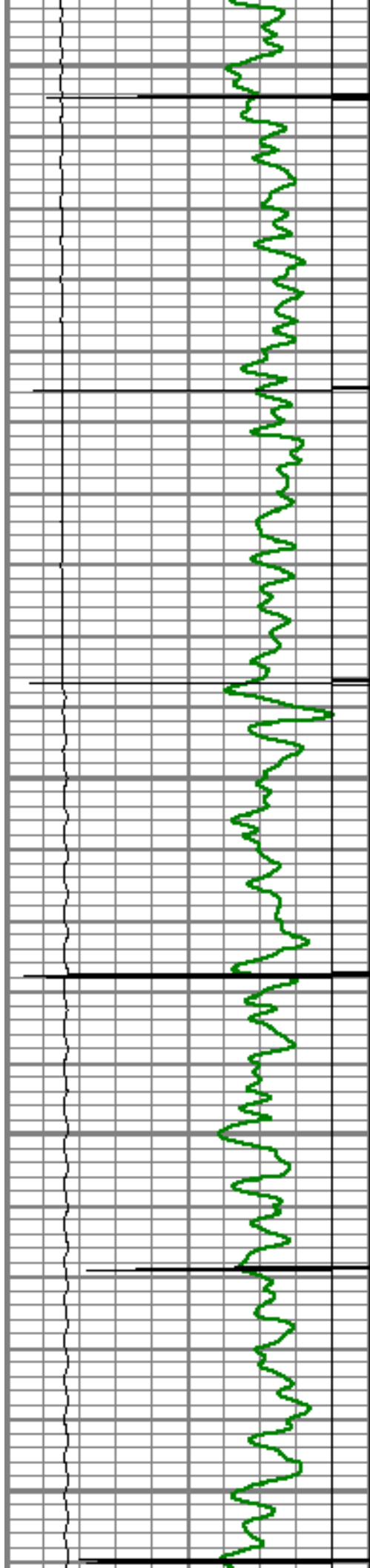


3' Amplitude



Variable Density





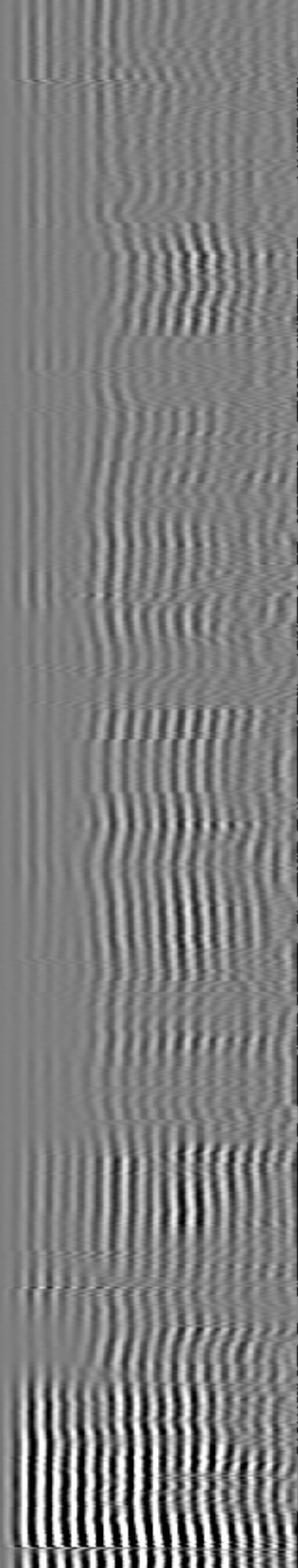
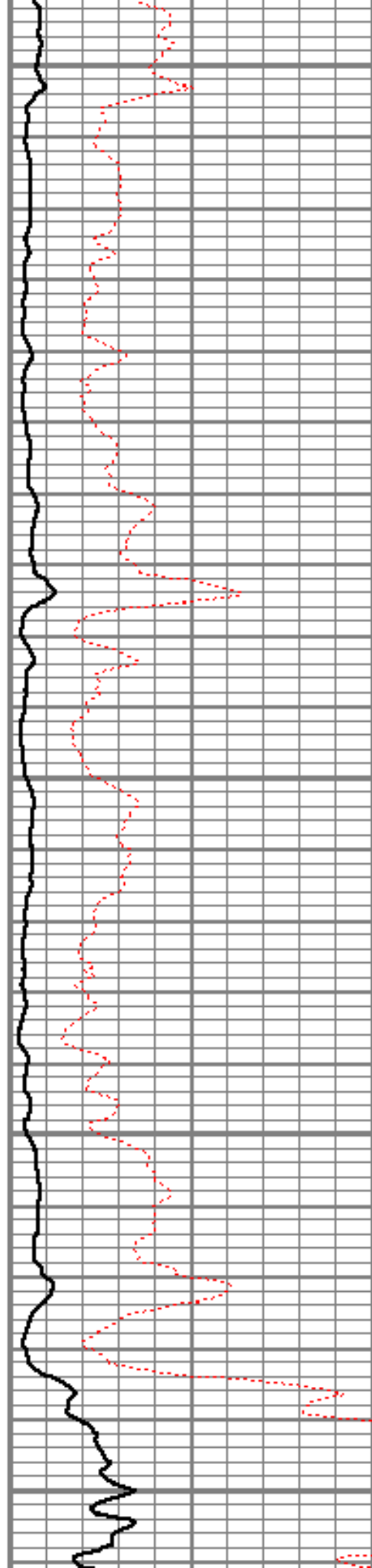
3800

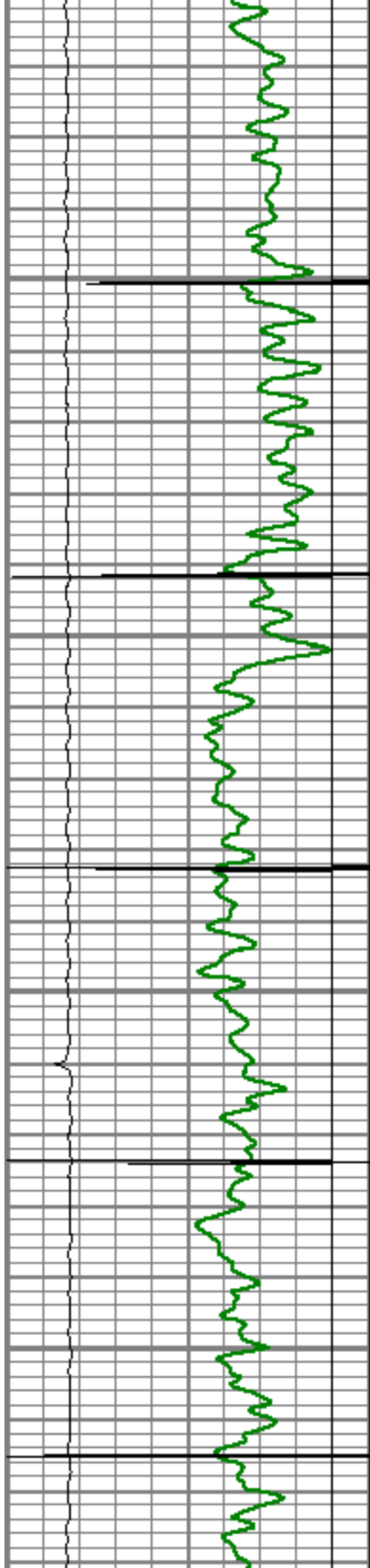
3850

3900

3950

4000



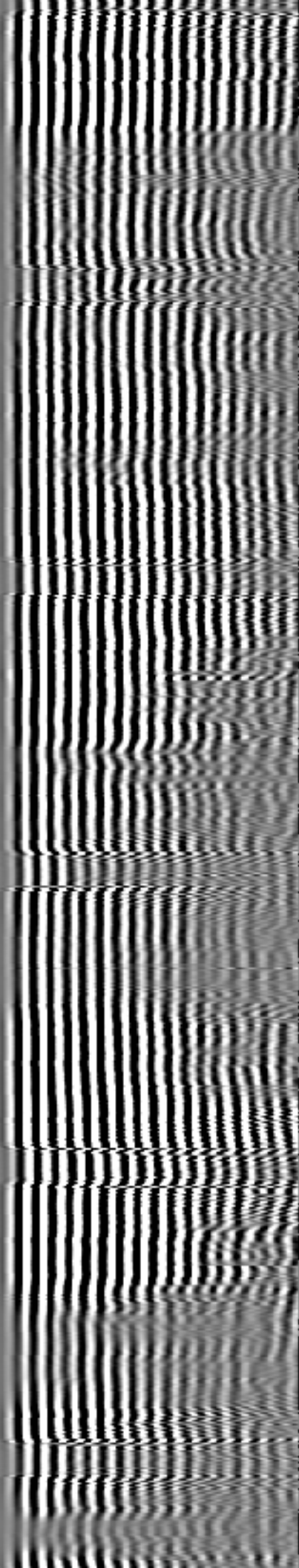
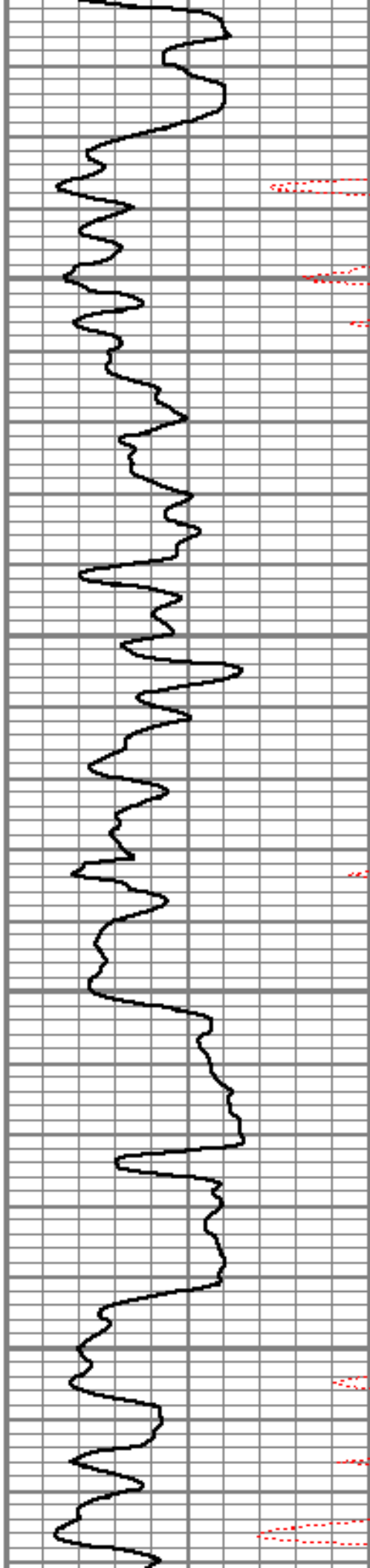


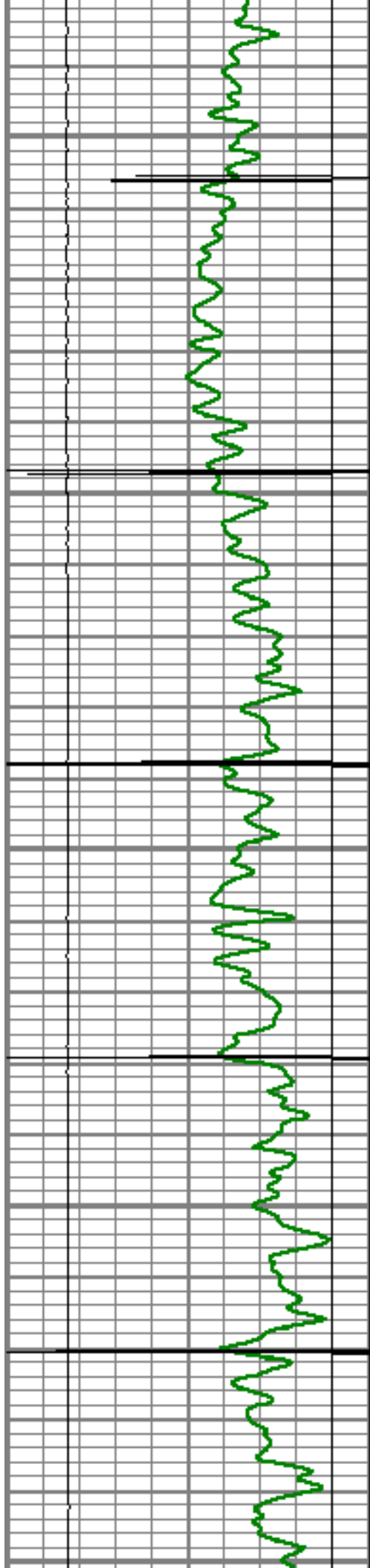
4050

4100

4150

4200





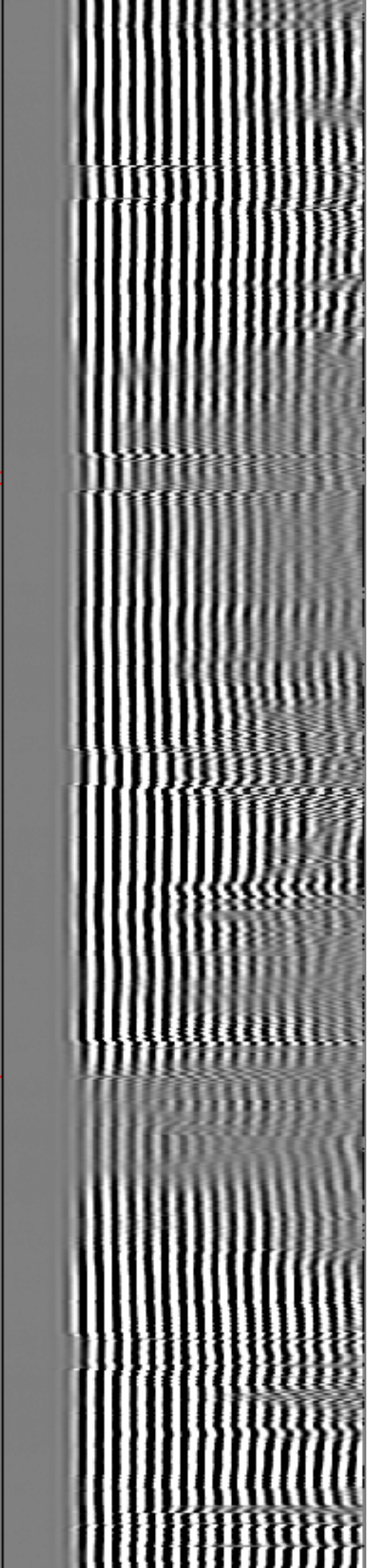
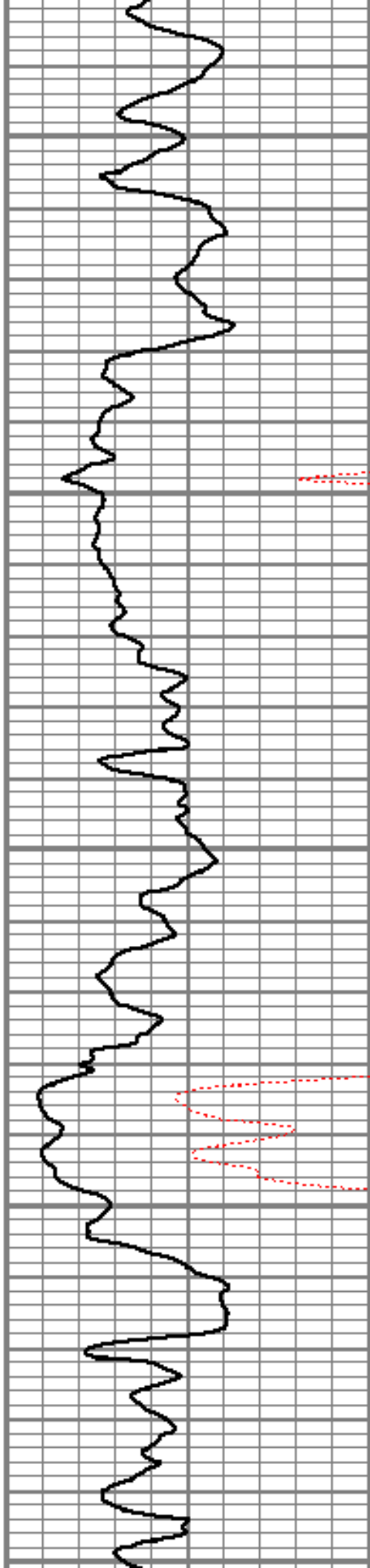
4250

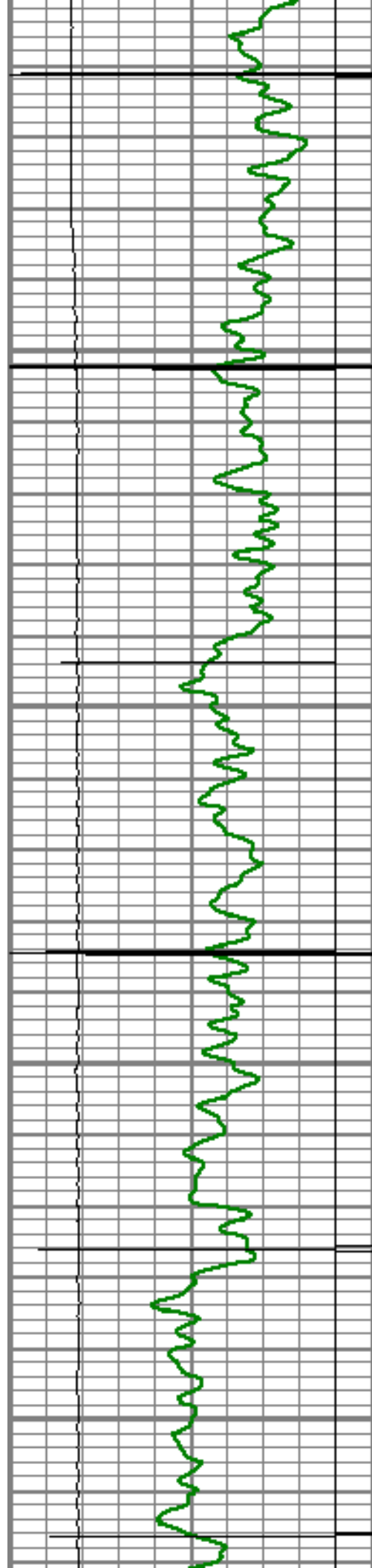
4300

4350

4400

4450



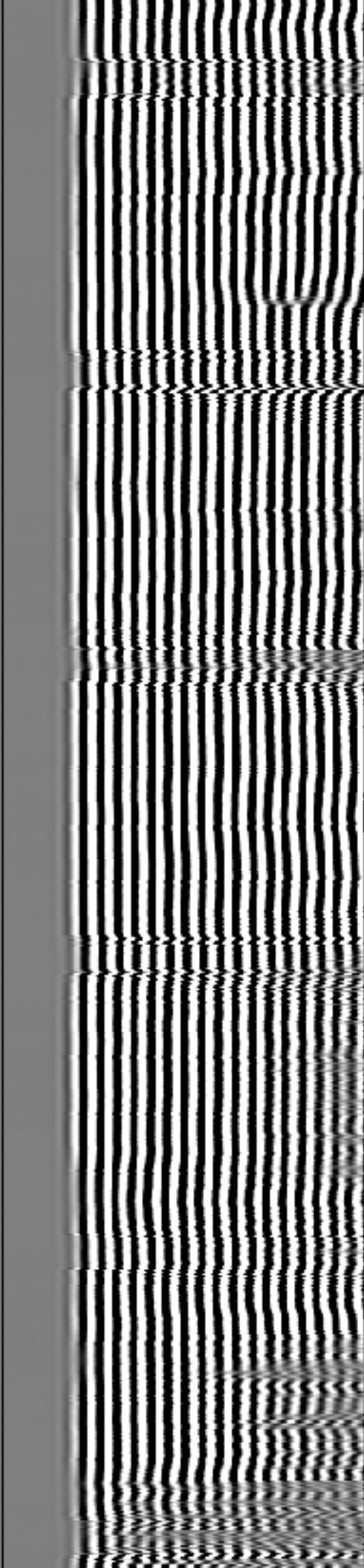
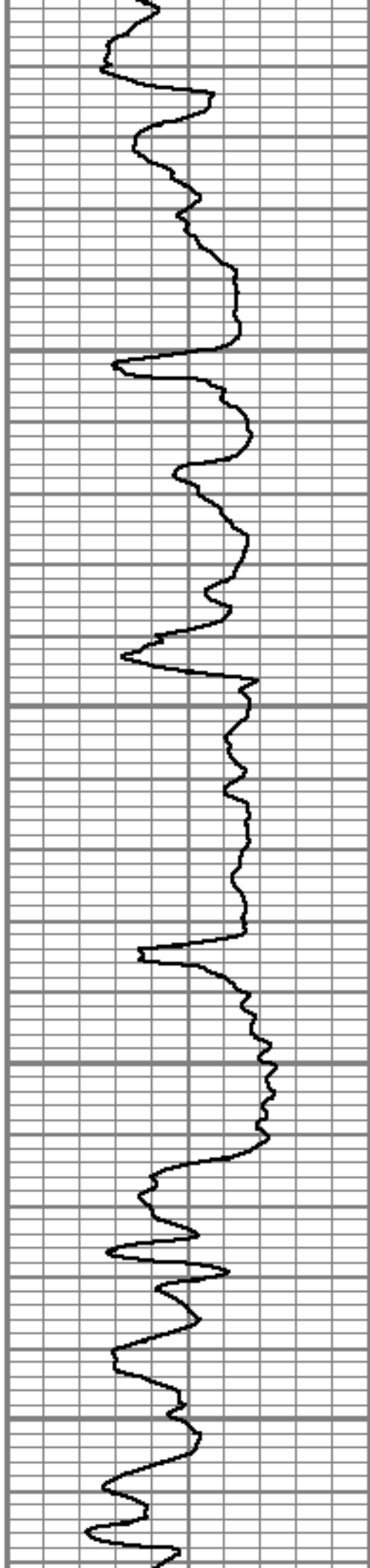


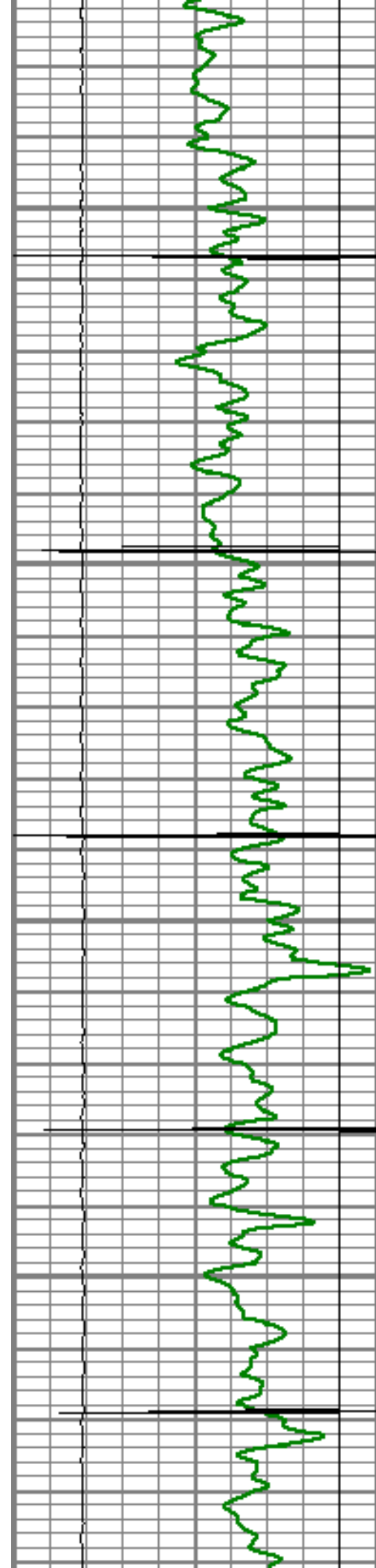
4500

4550

4600

4650



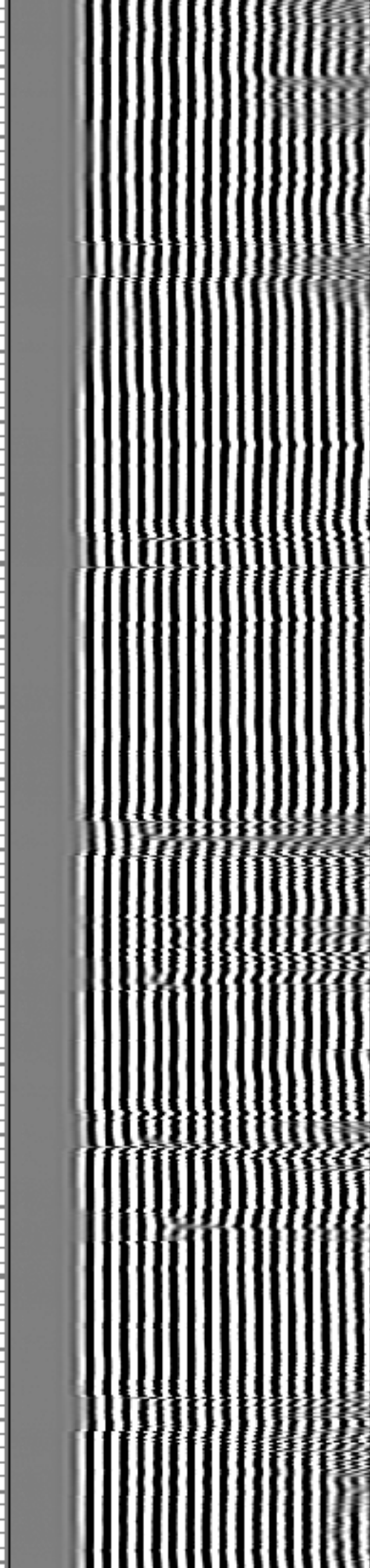
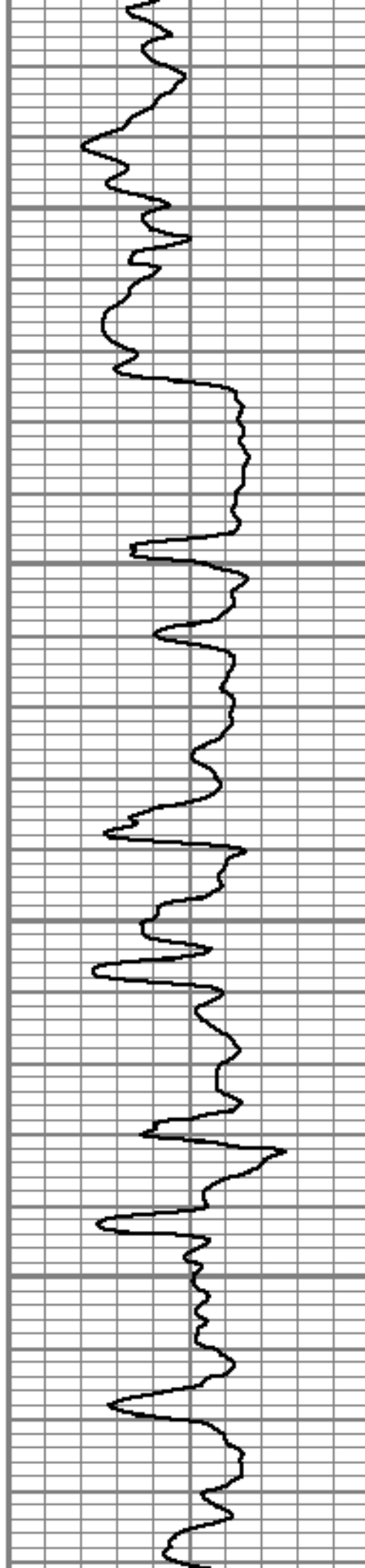


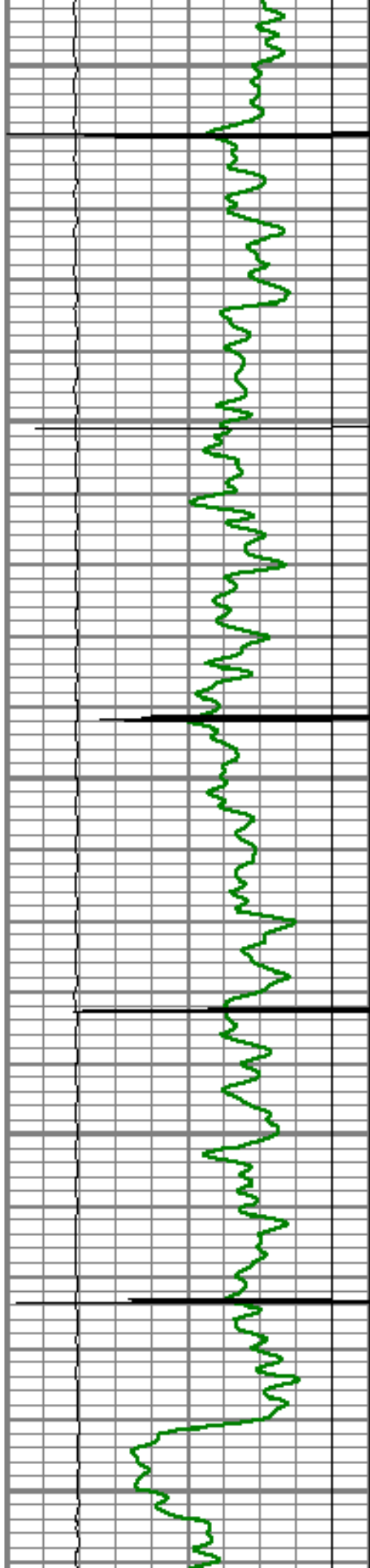
4700

4750

4800

4850





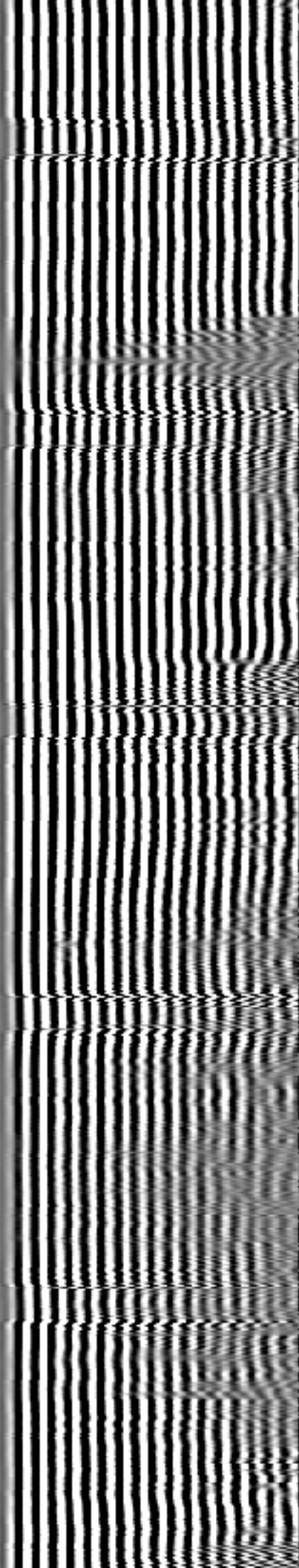
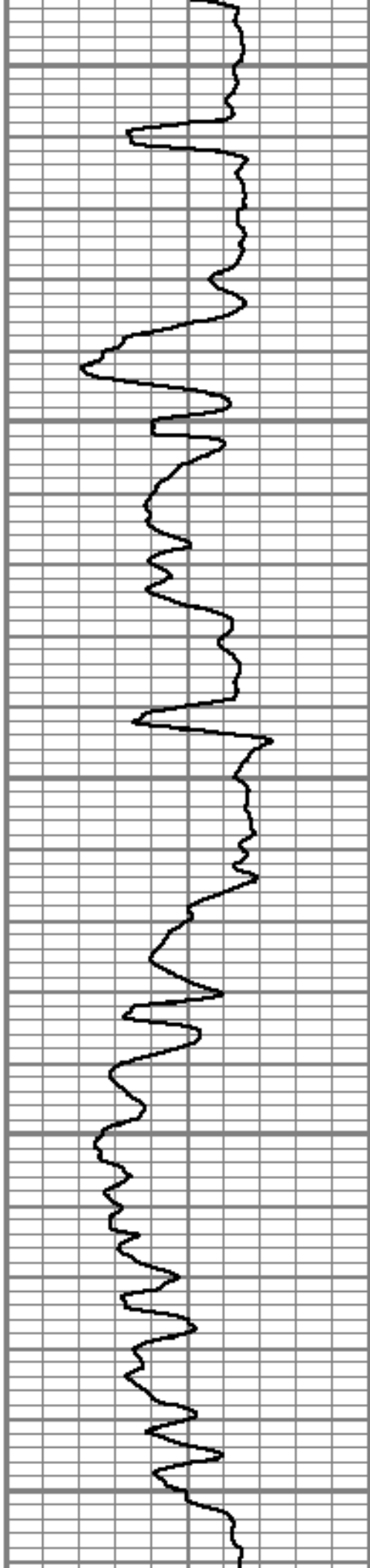
4900

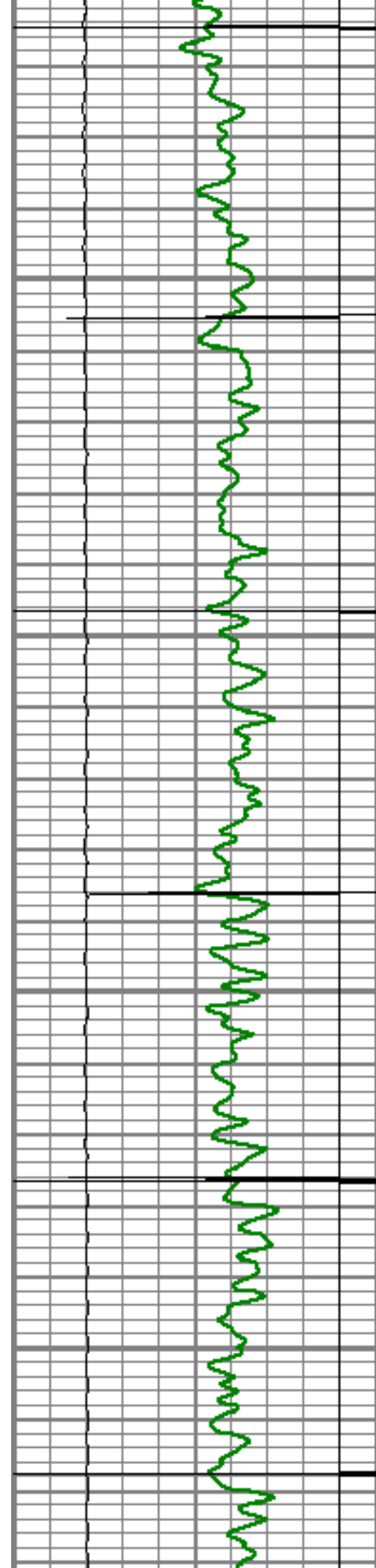
4950

5000

5050

5100



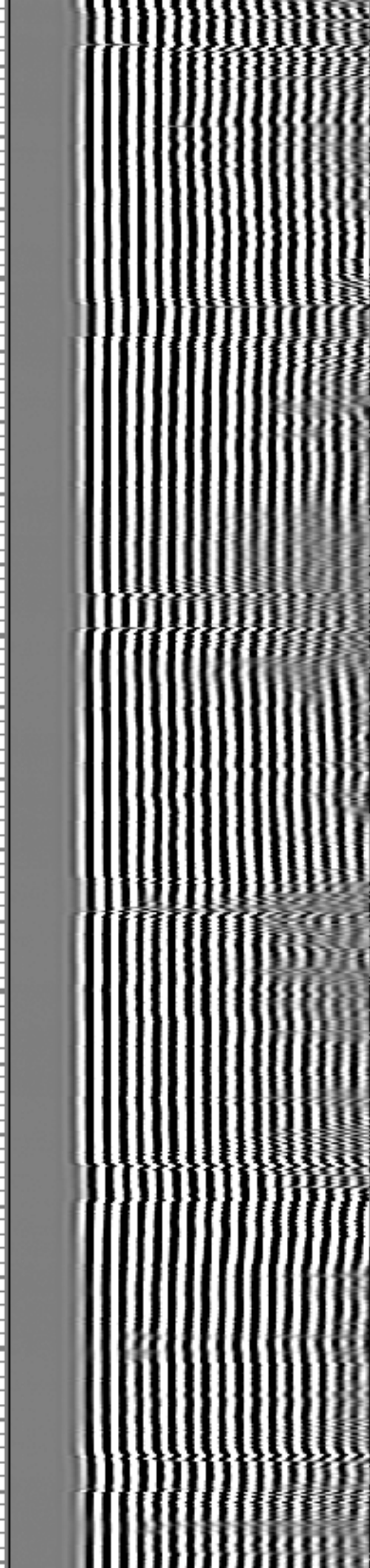
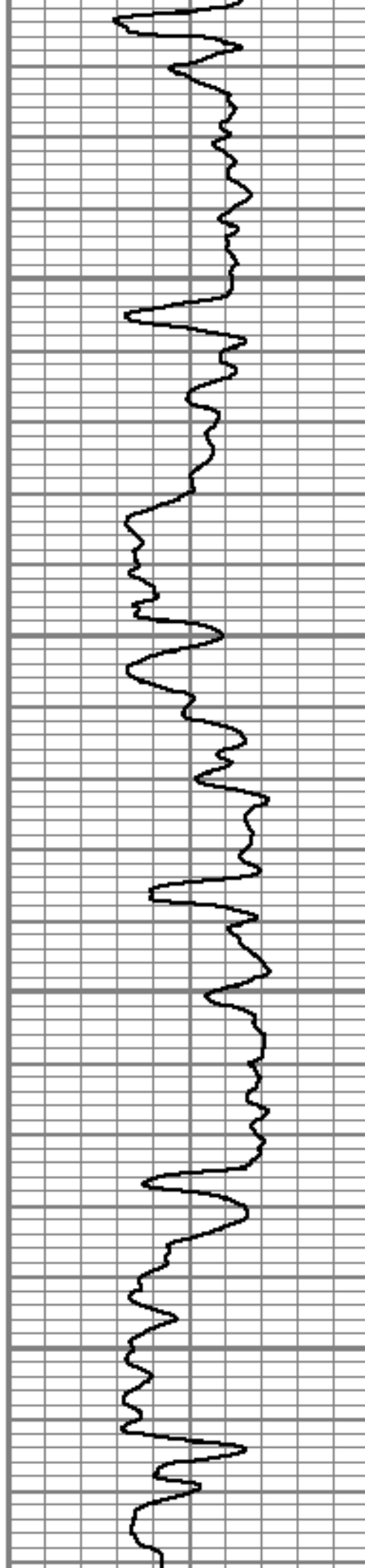


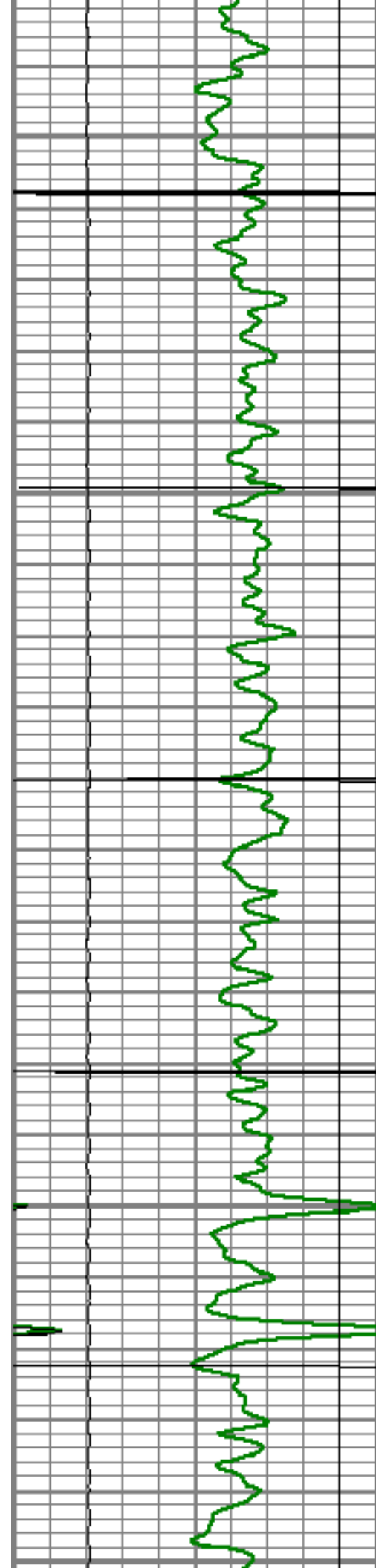
5150

5200

5250

5300





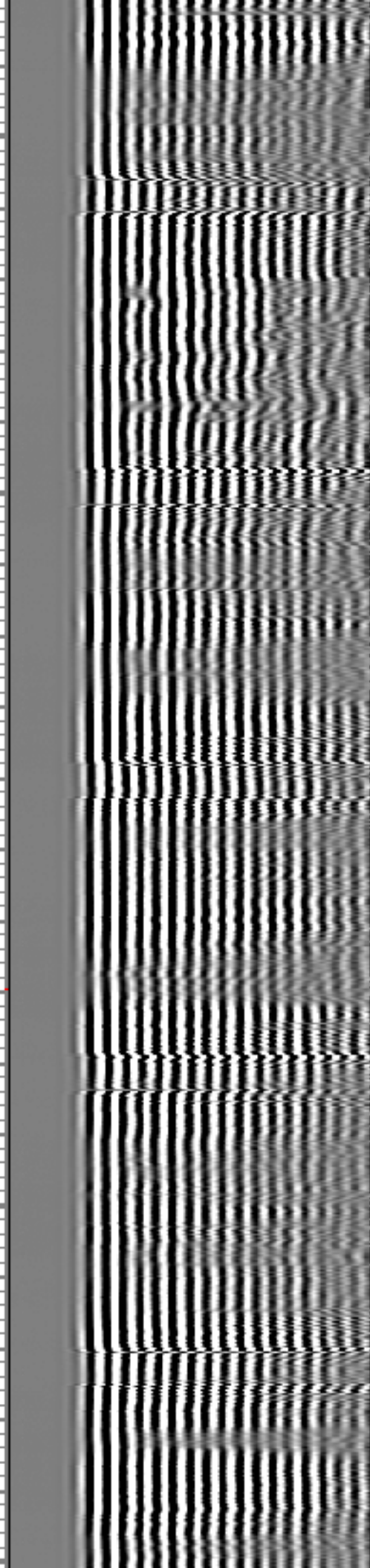
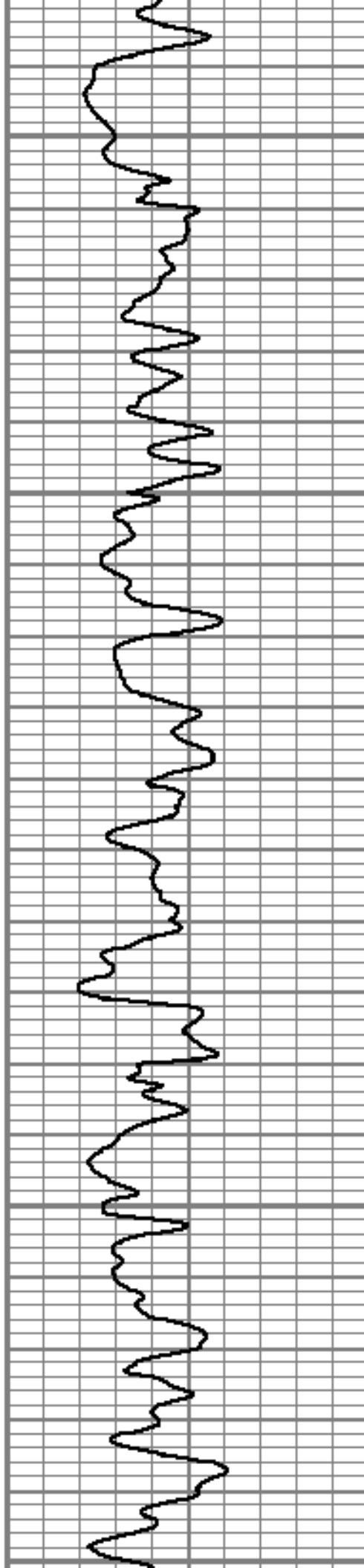
5350

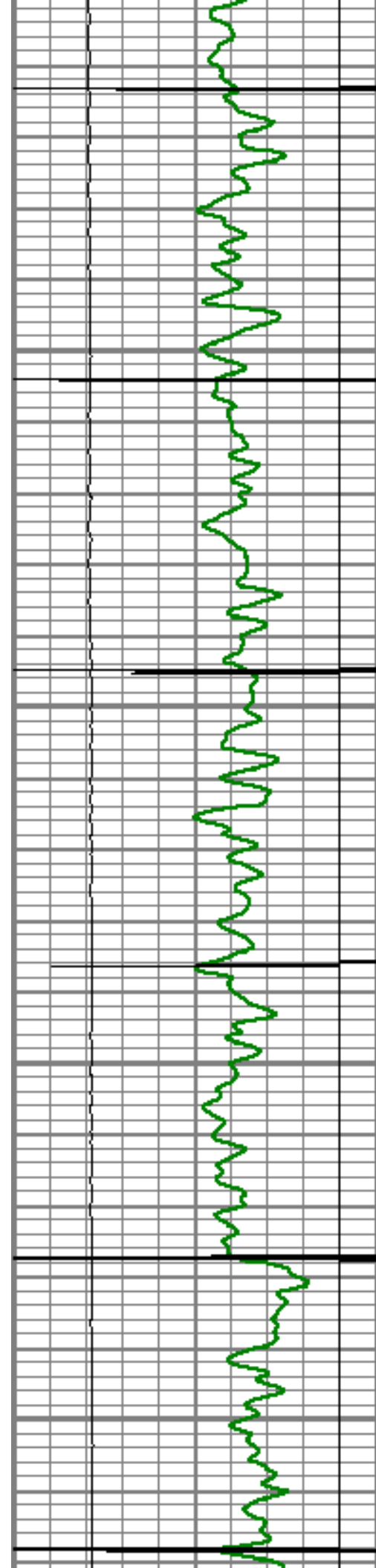
5400

5450

5500

5550



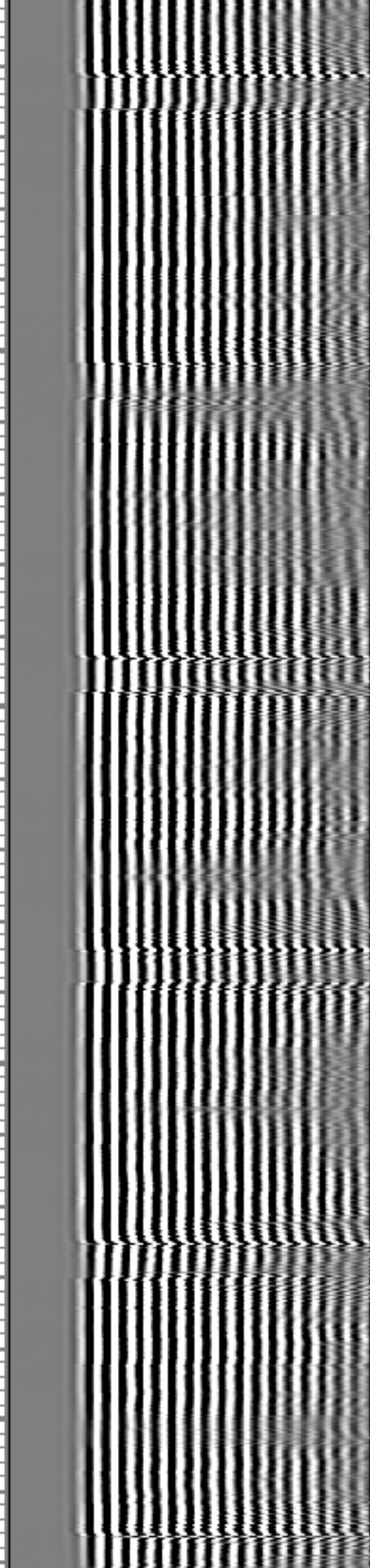
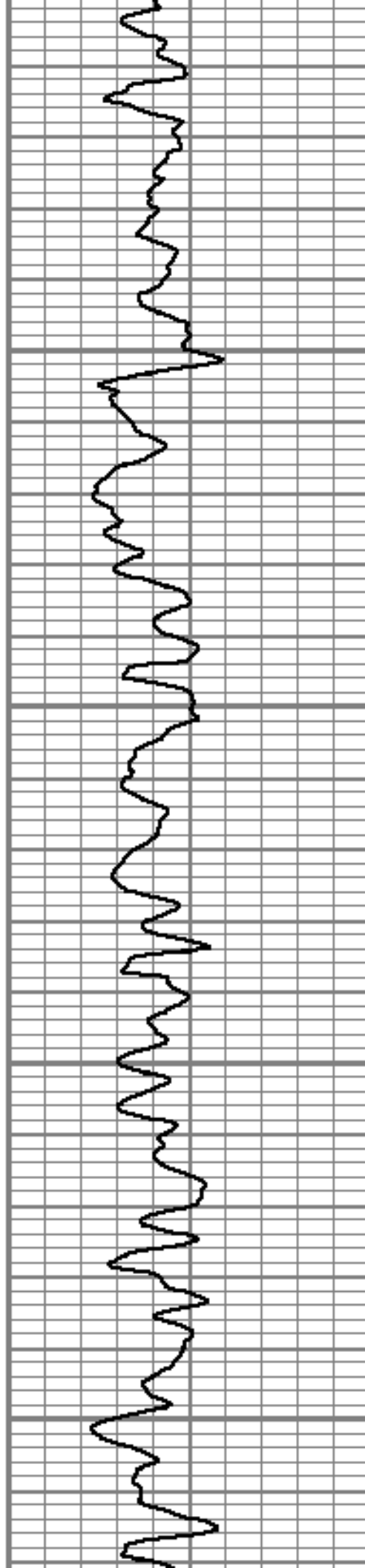


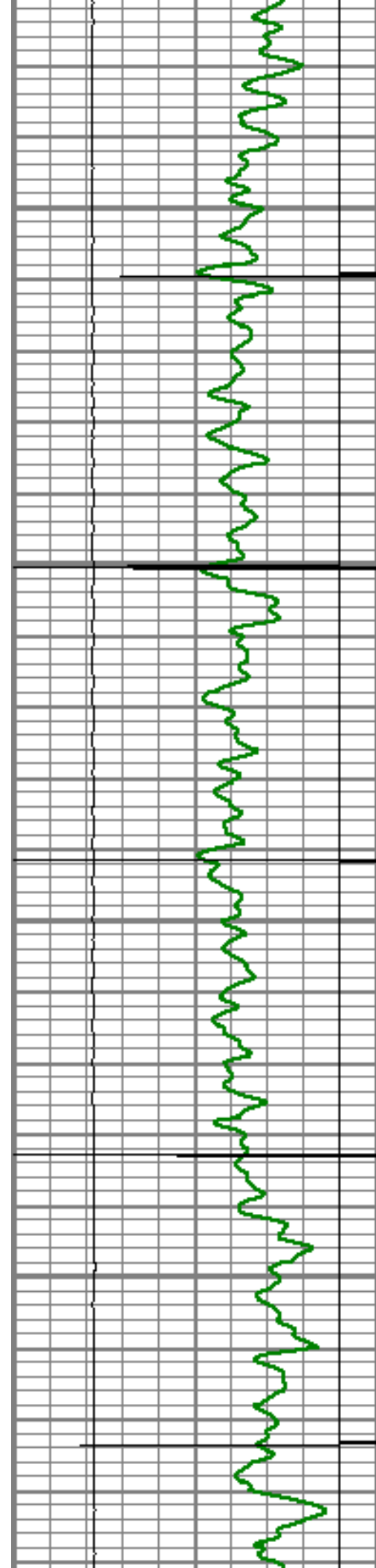
5600

5650

5700

5750



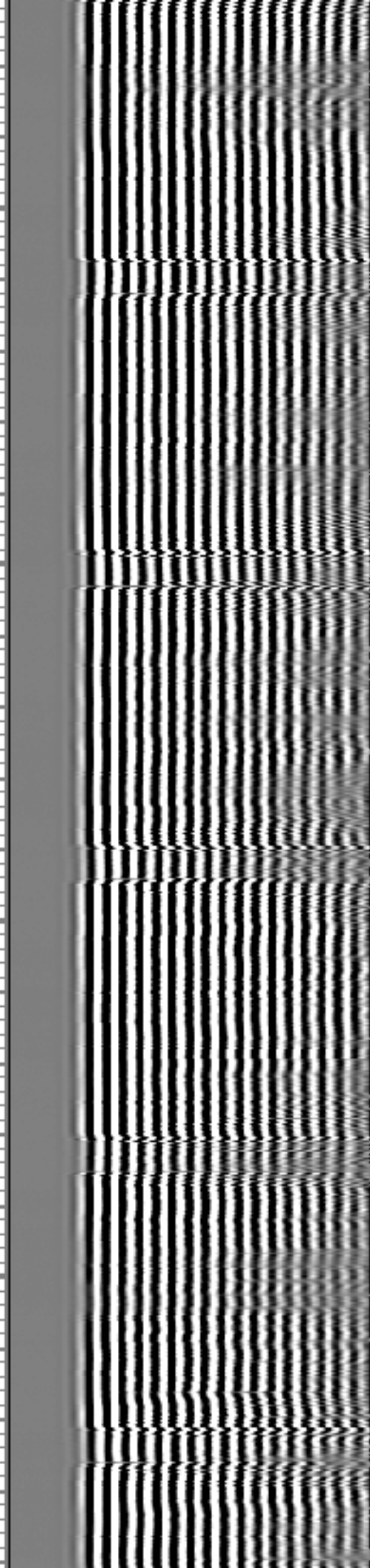
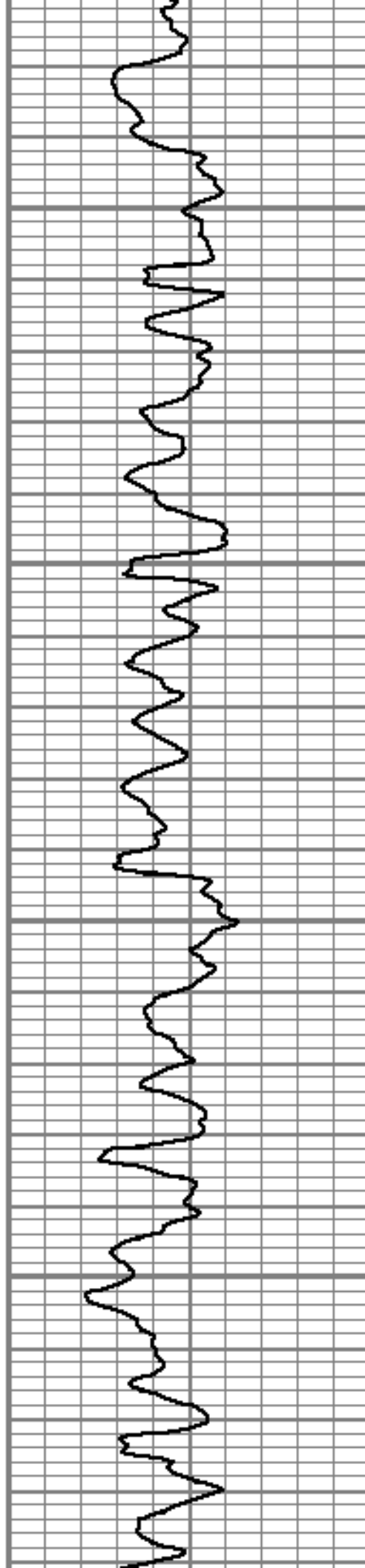


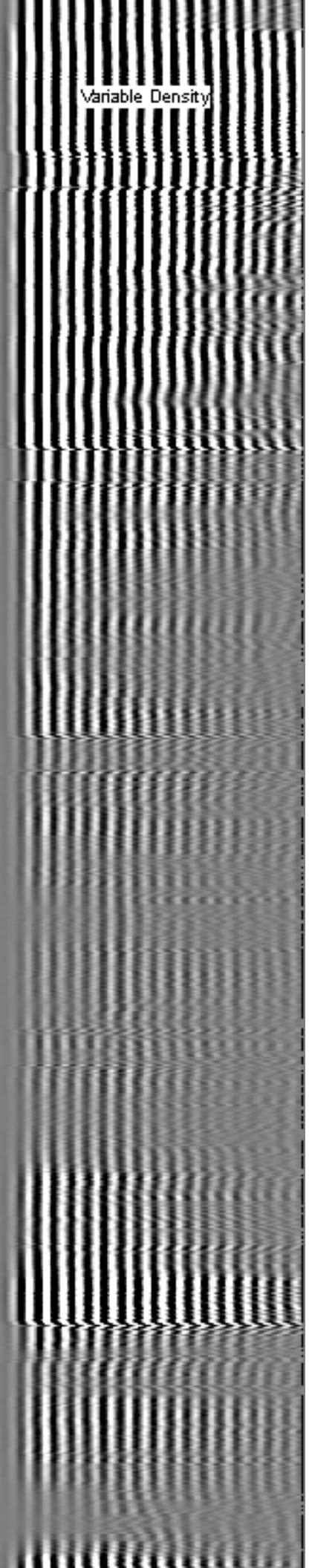
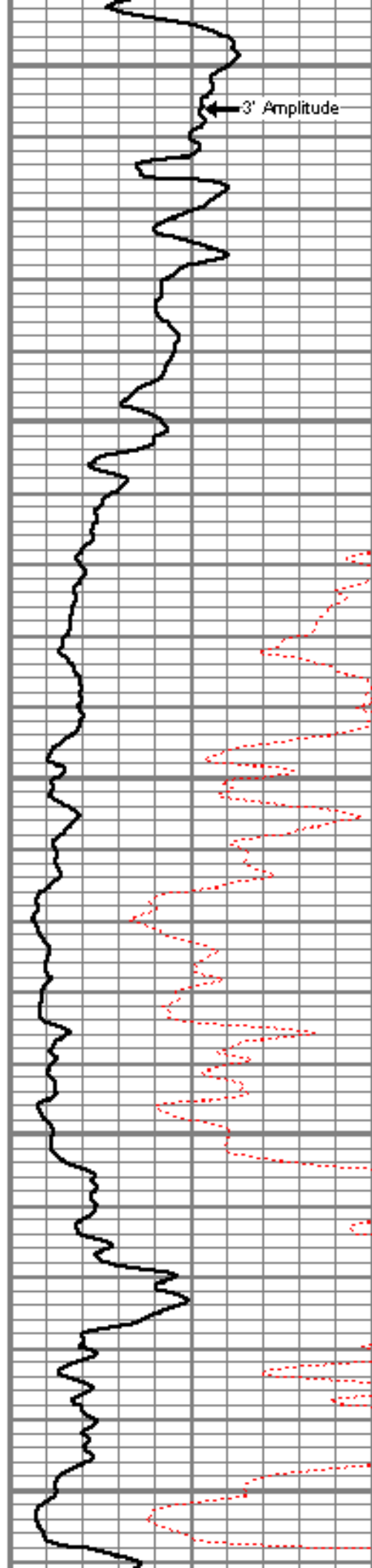
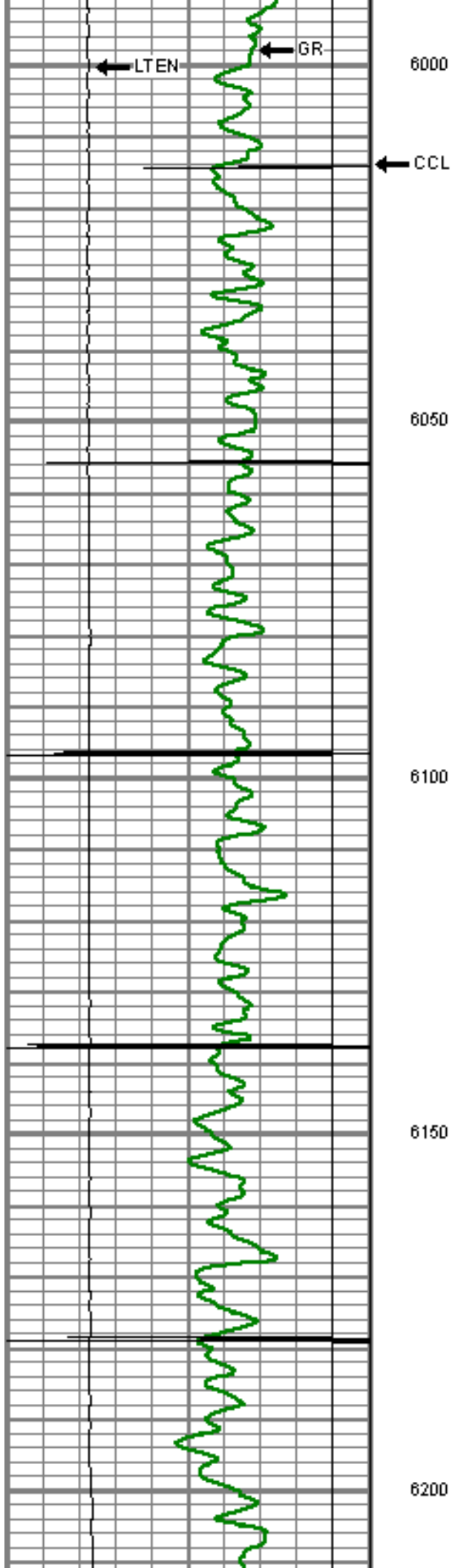
5800

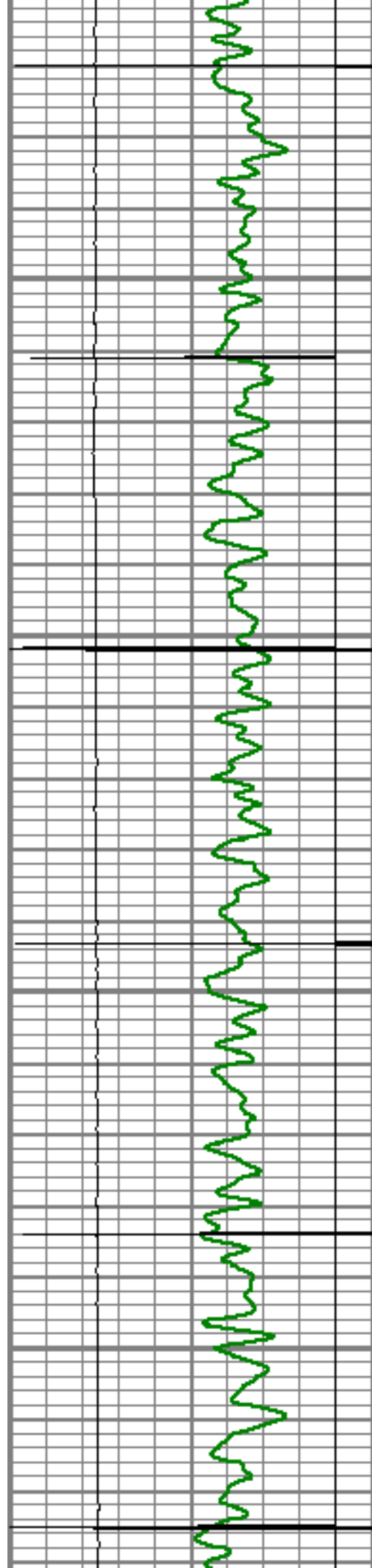
5850

5900

5950





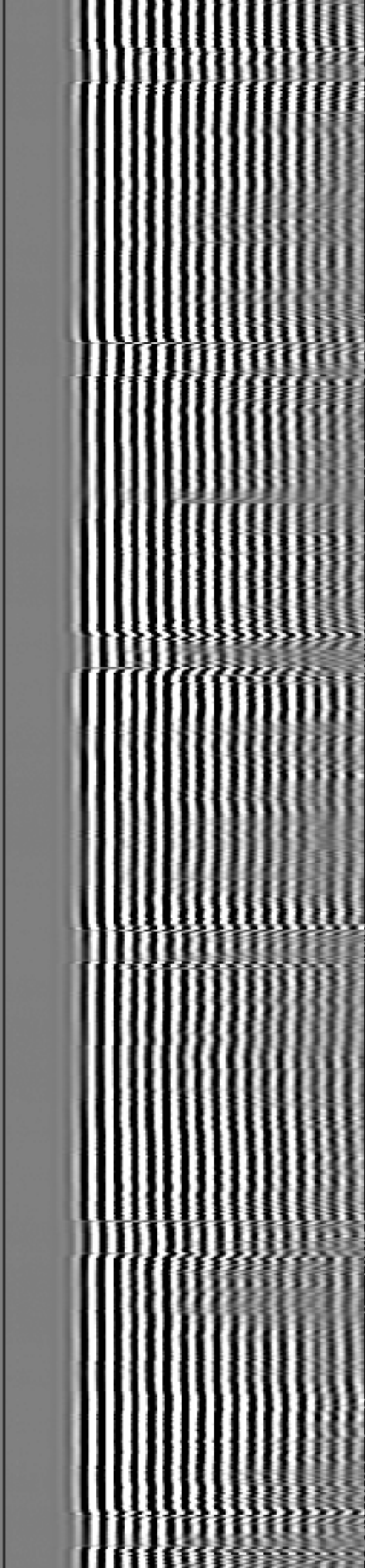
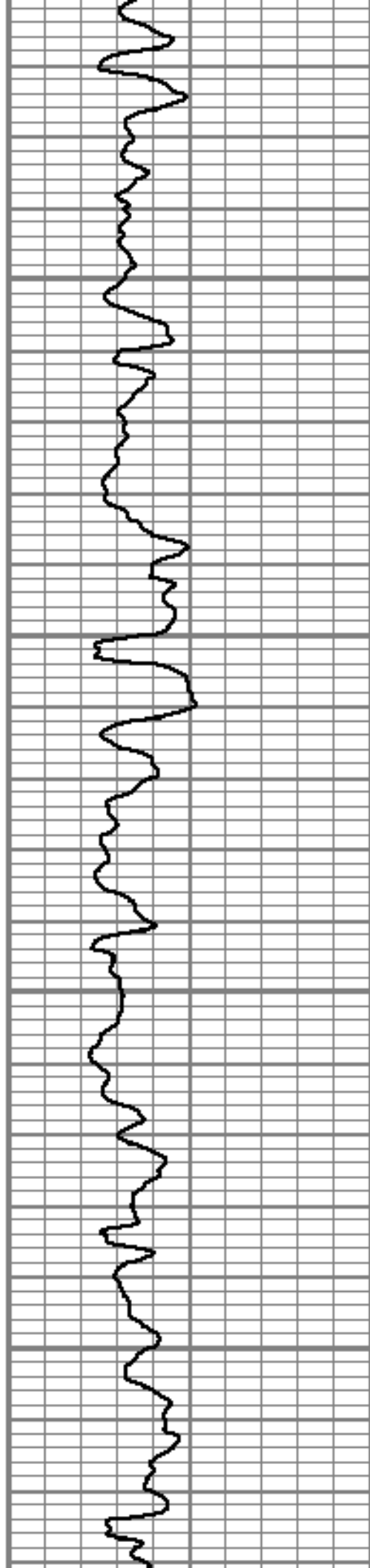


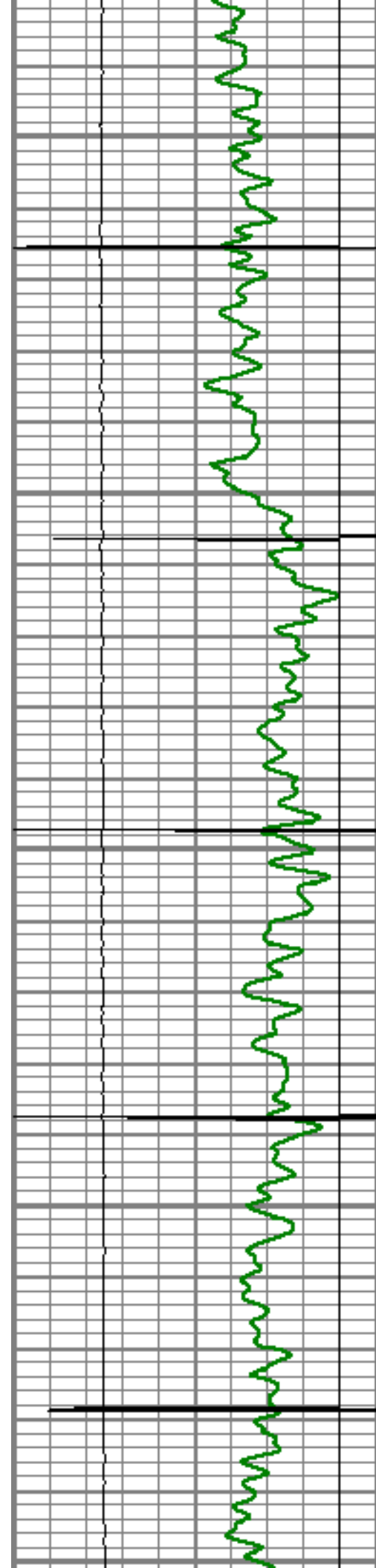
6250

6300

6350

6400





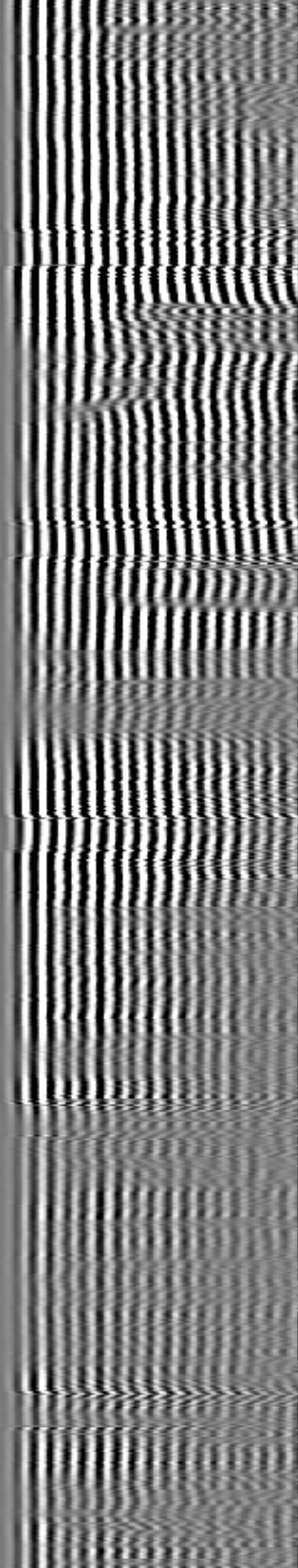
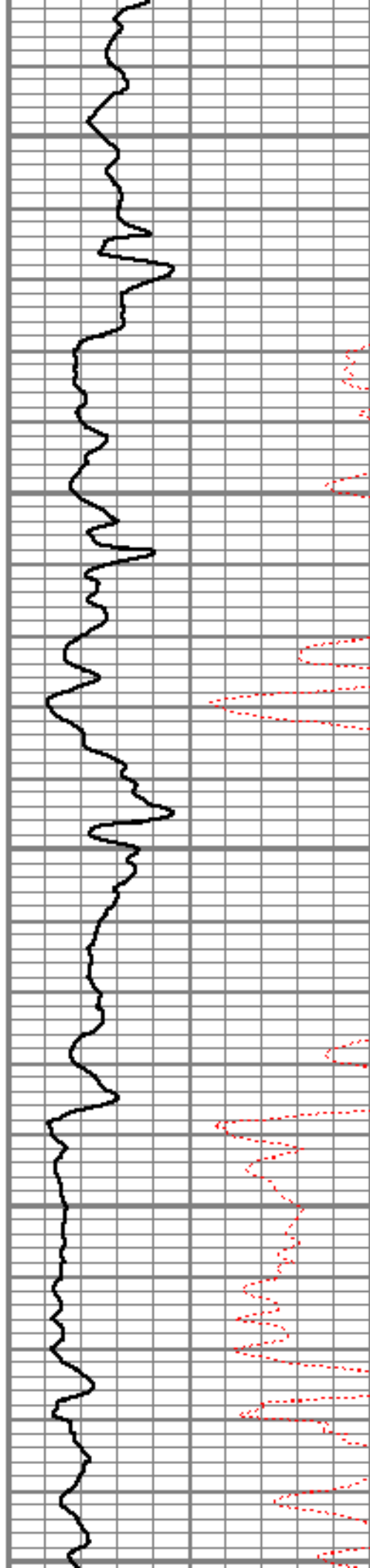
6450

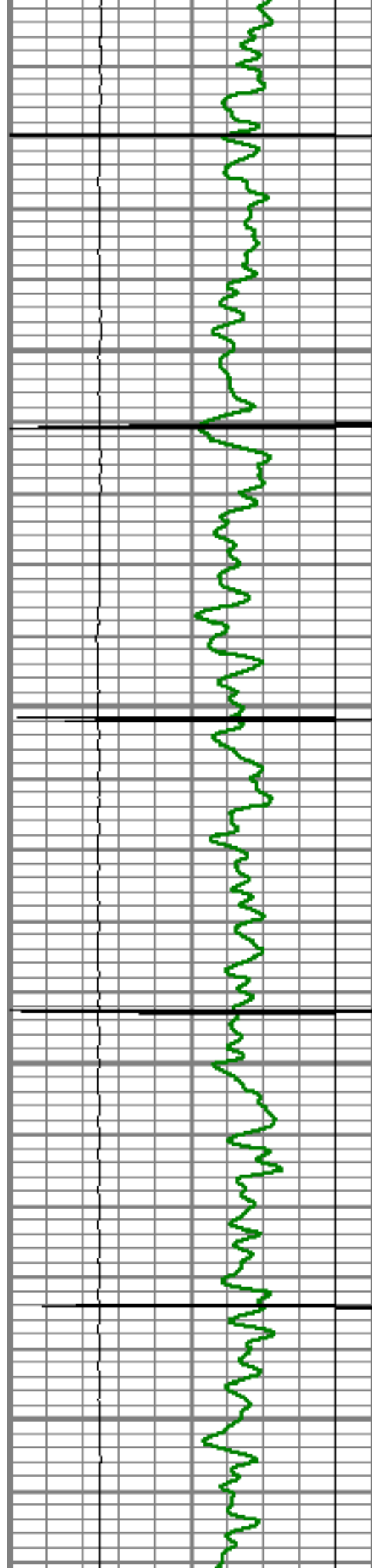
6500

6550

6600

6650



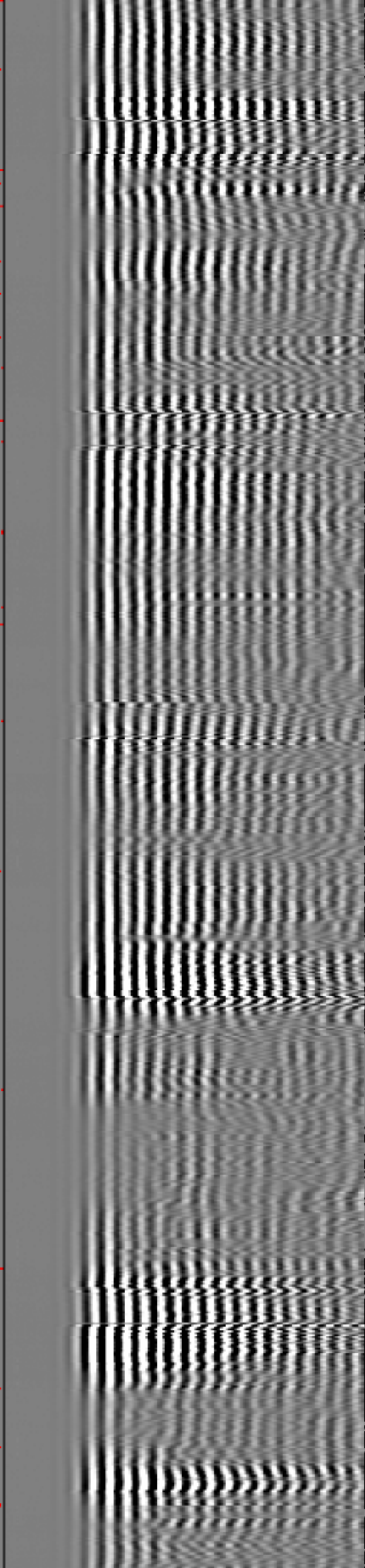
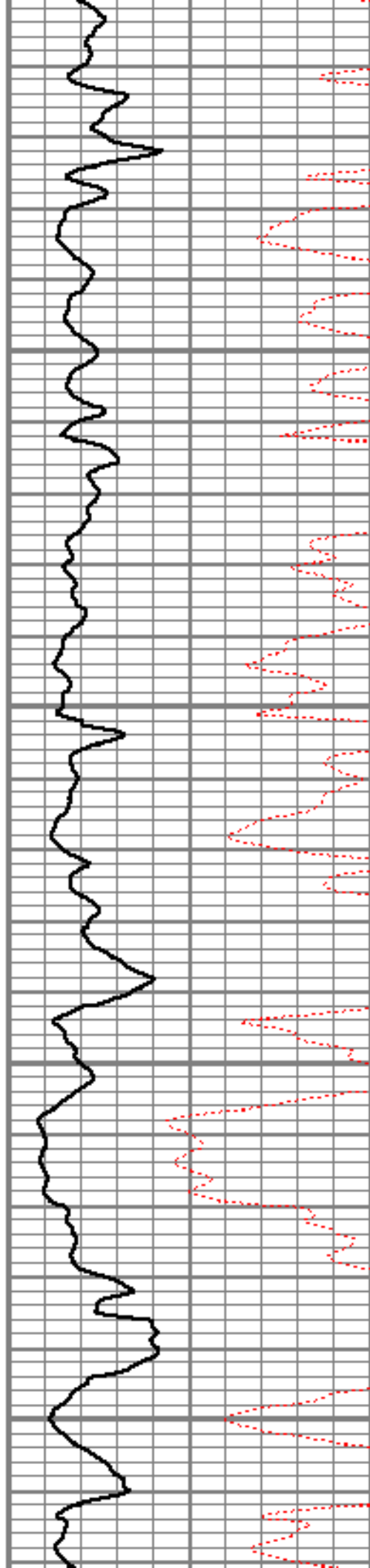


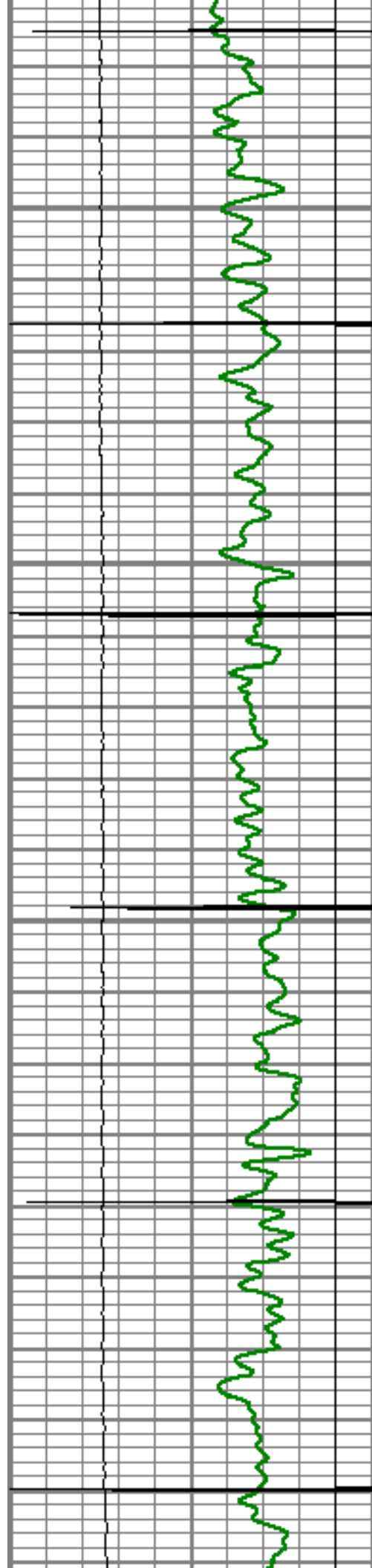
6700

6750

6800

6850



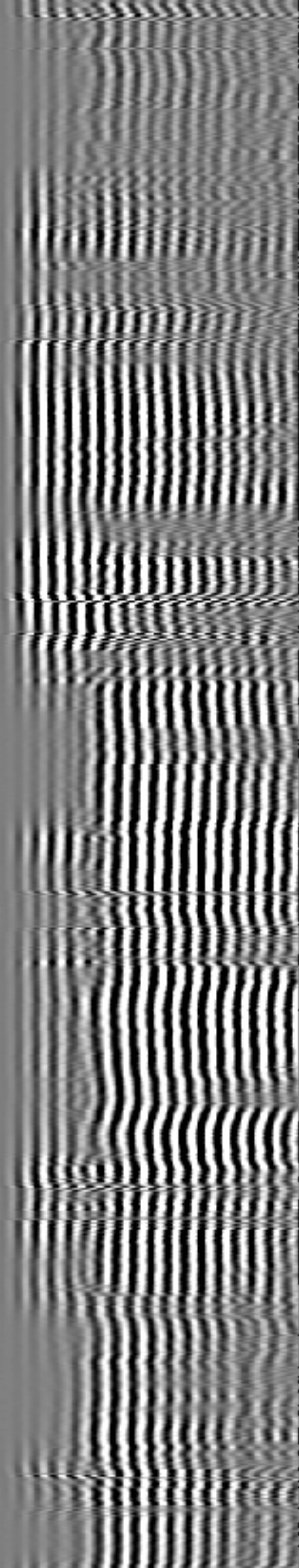
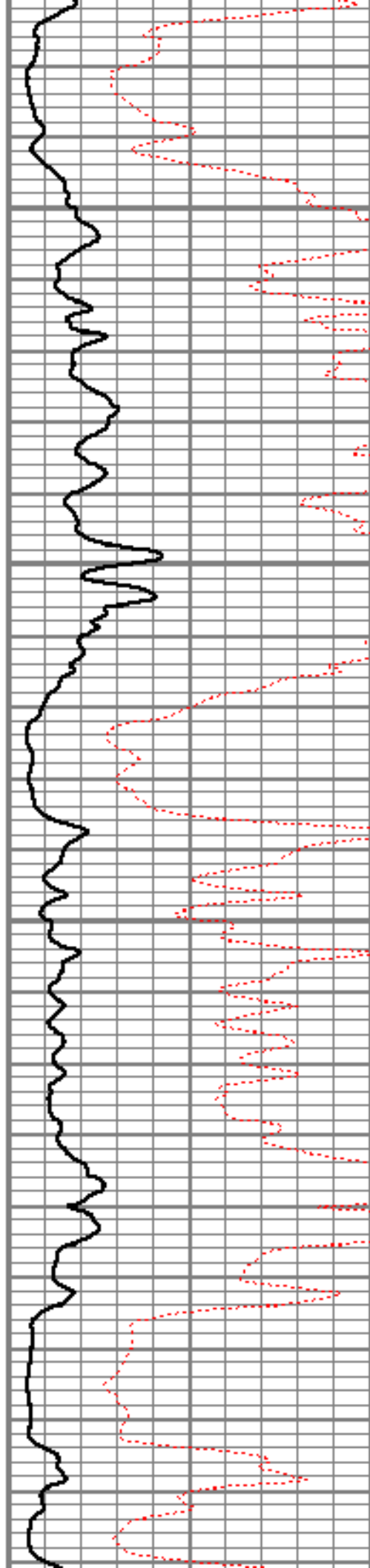


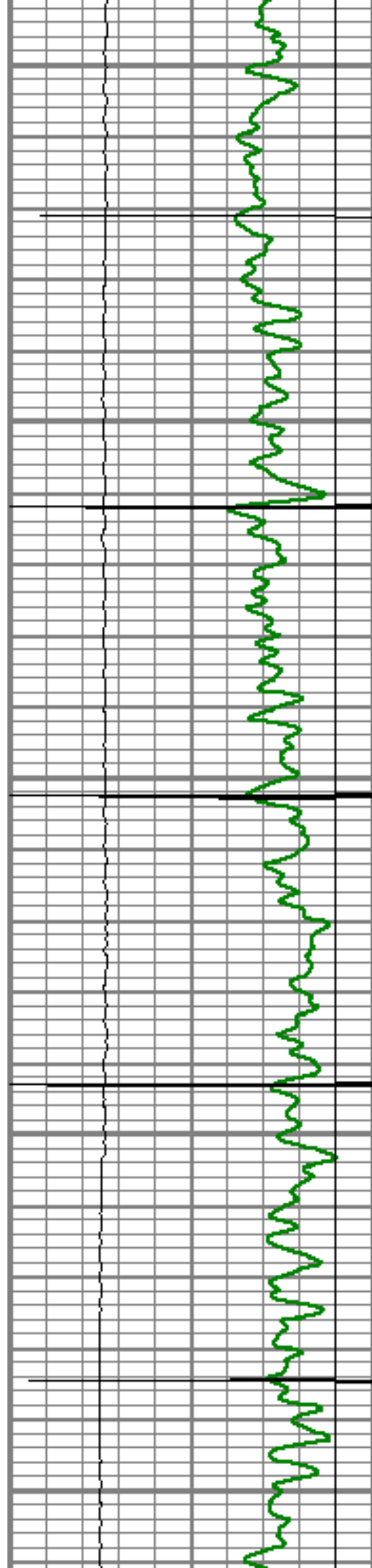
6900

6950

7000

7050





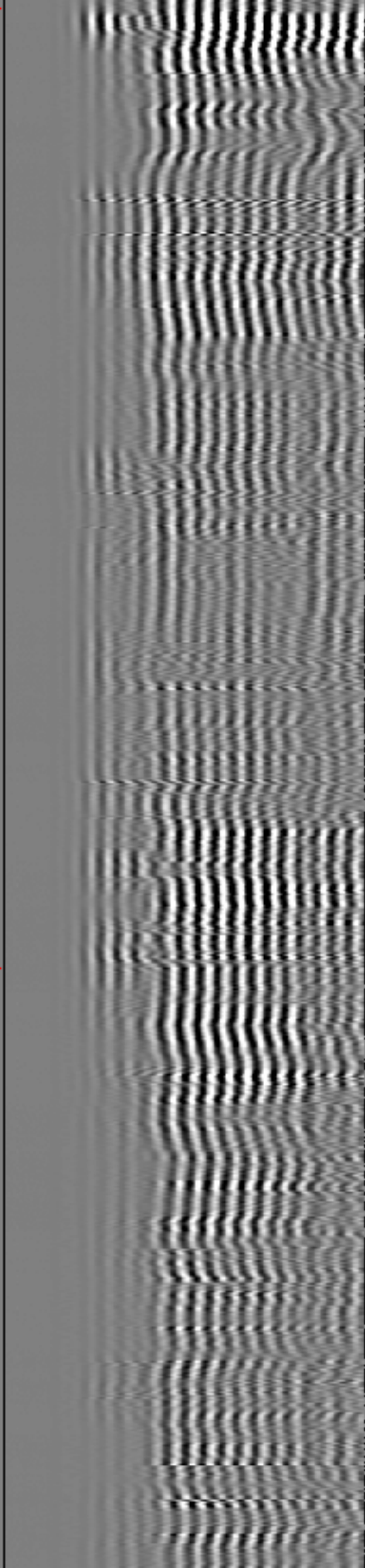
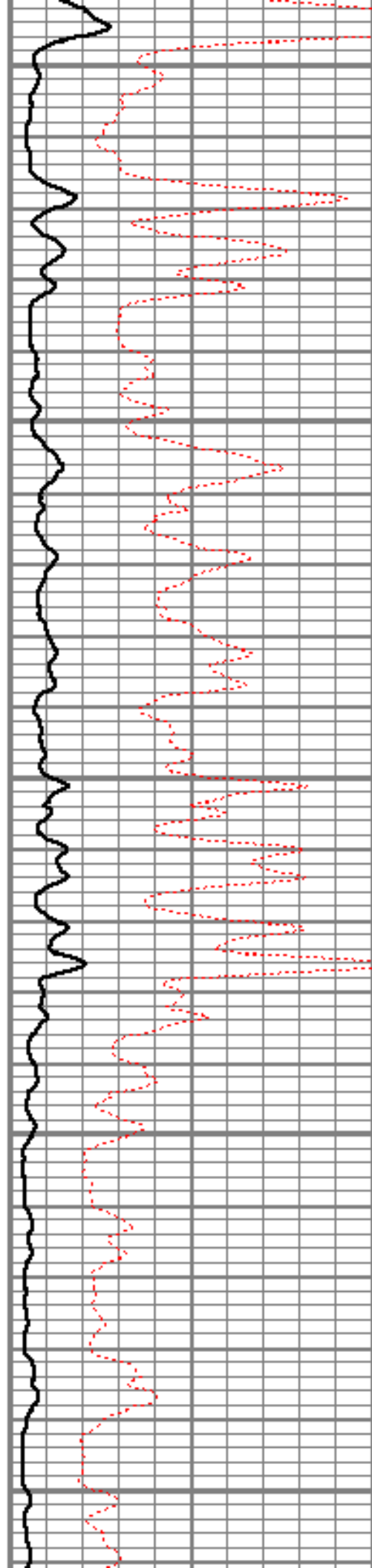
7100

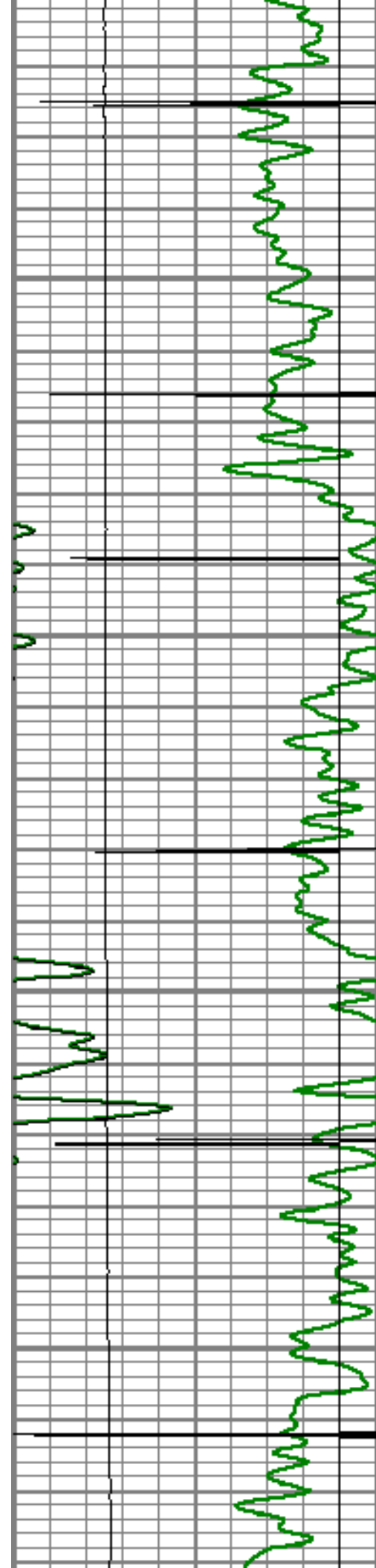
7150

7200

7250

7300





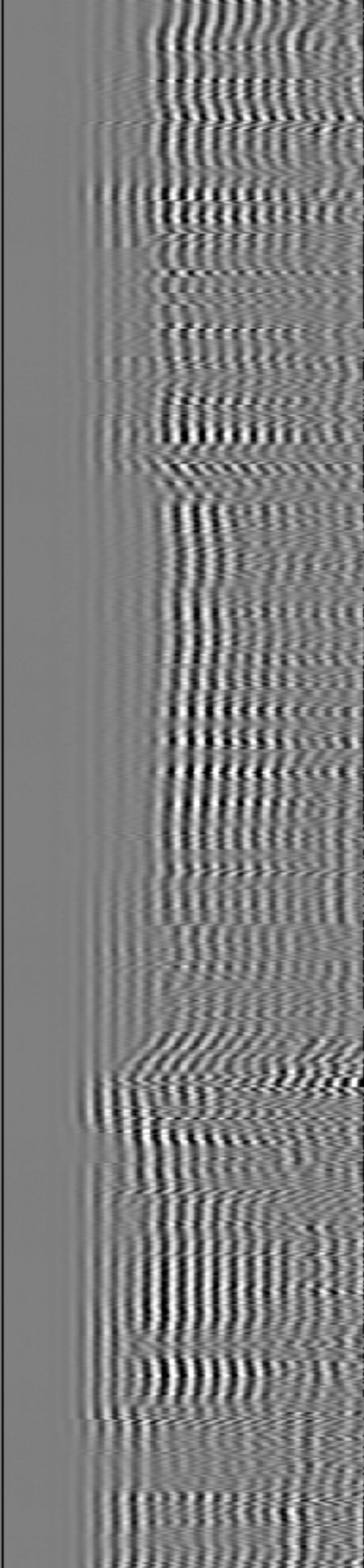
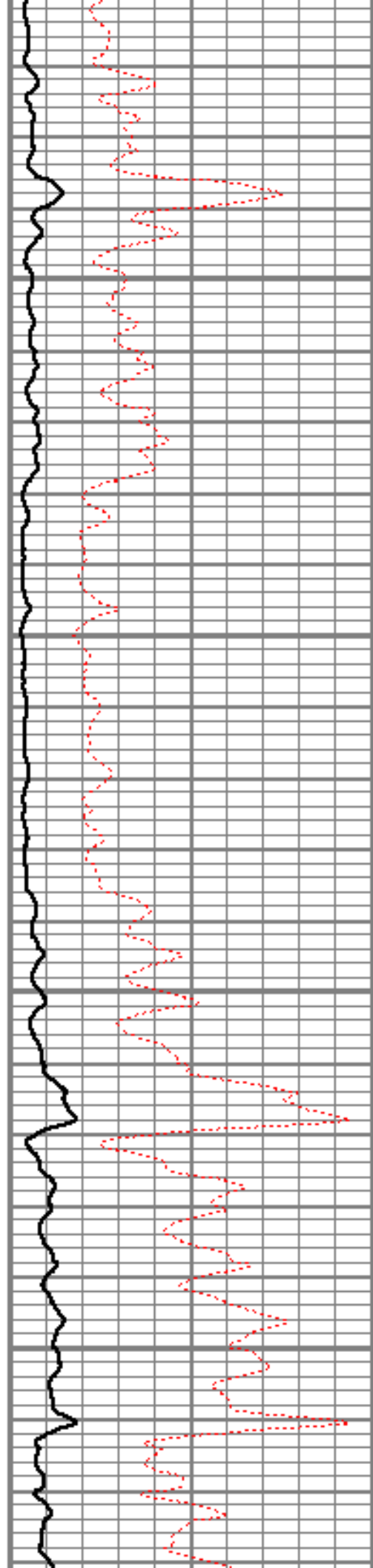
7350

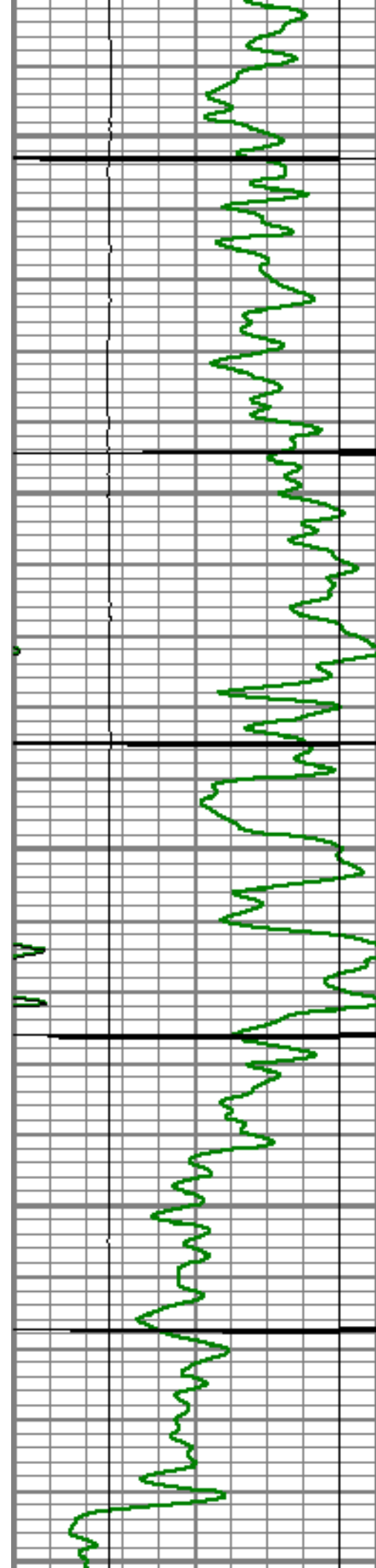
Short Joint

7400

7450

7500





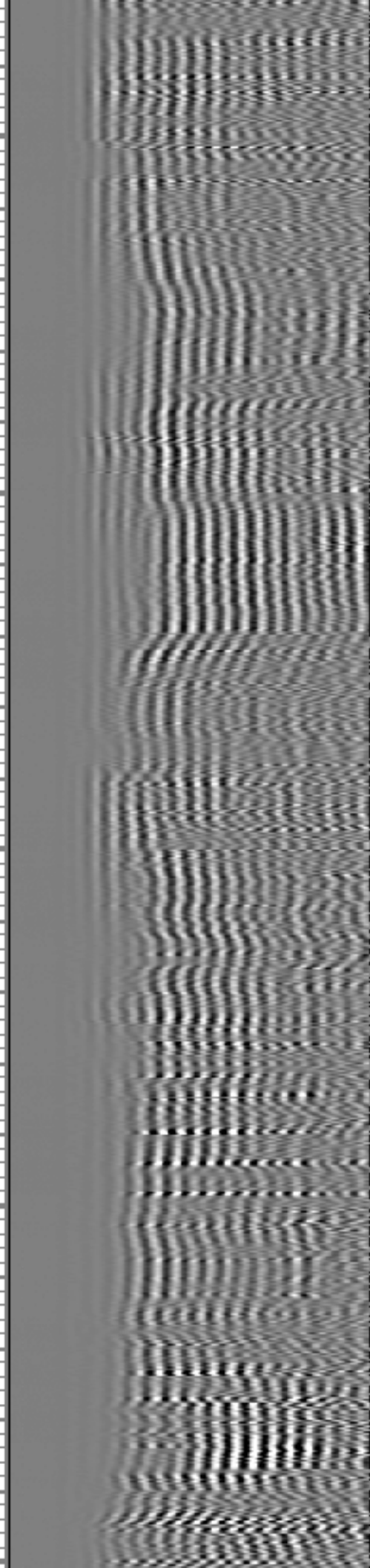
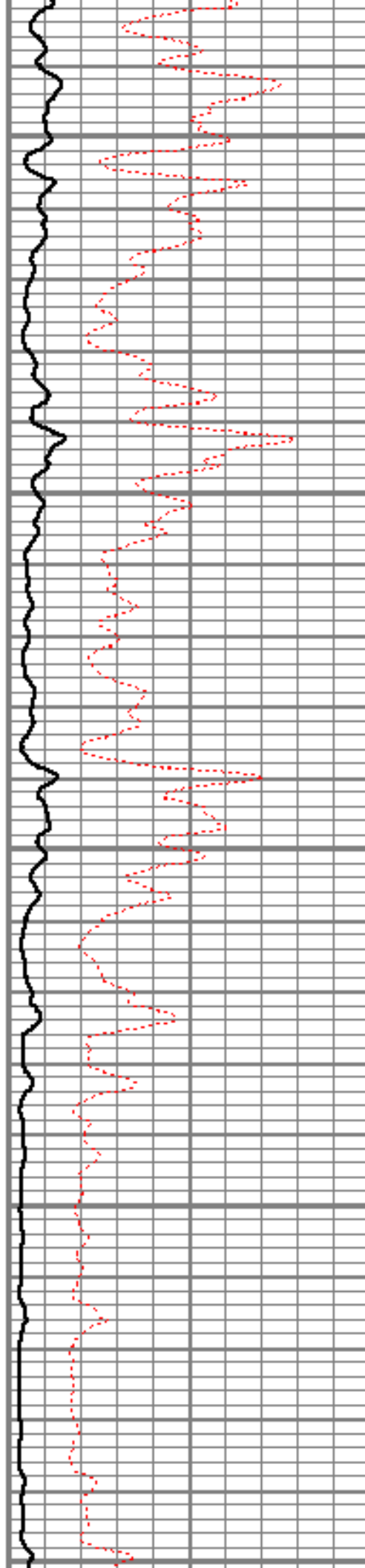
7550

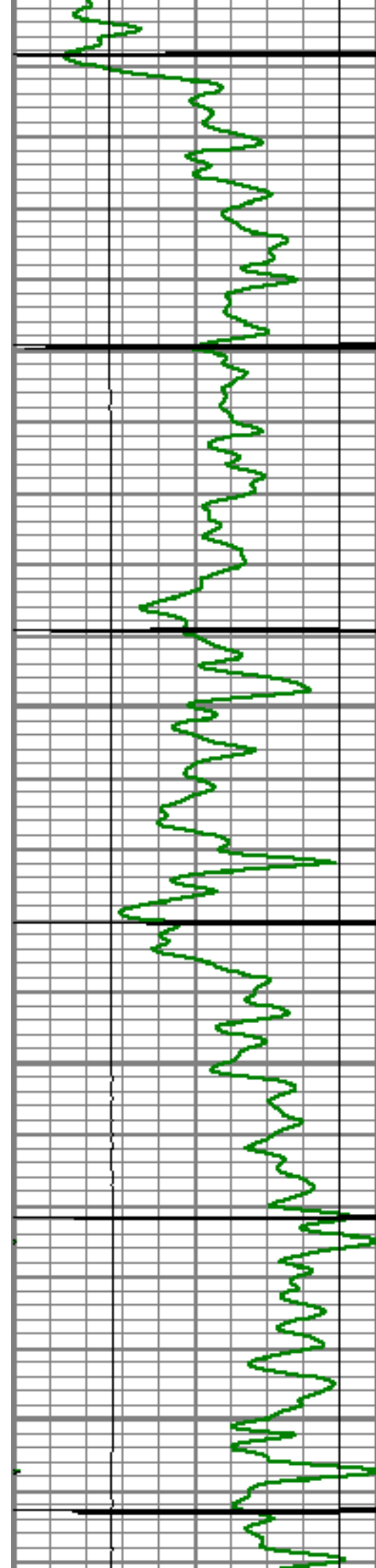
7600

7650

7700

7750



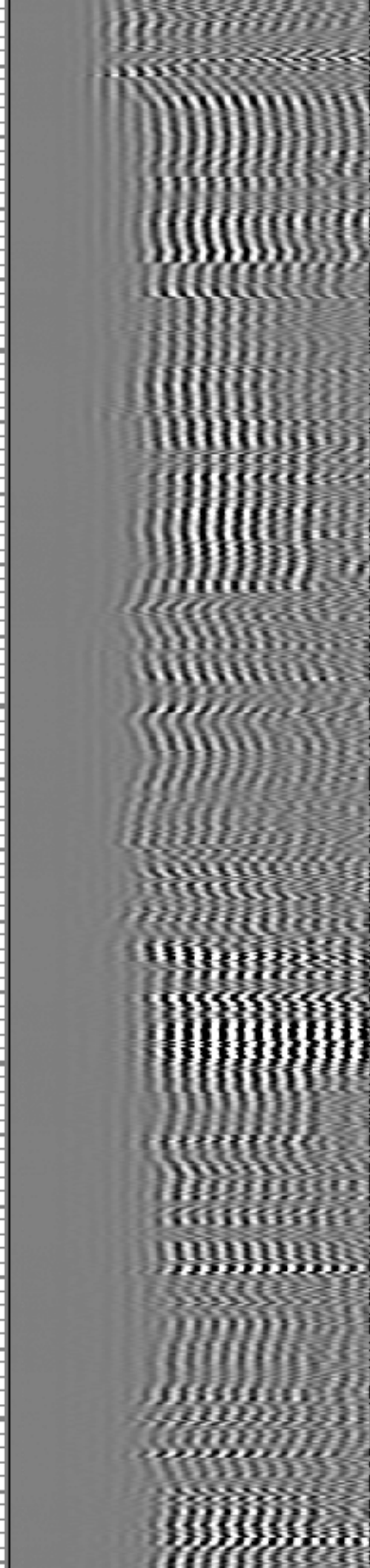
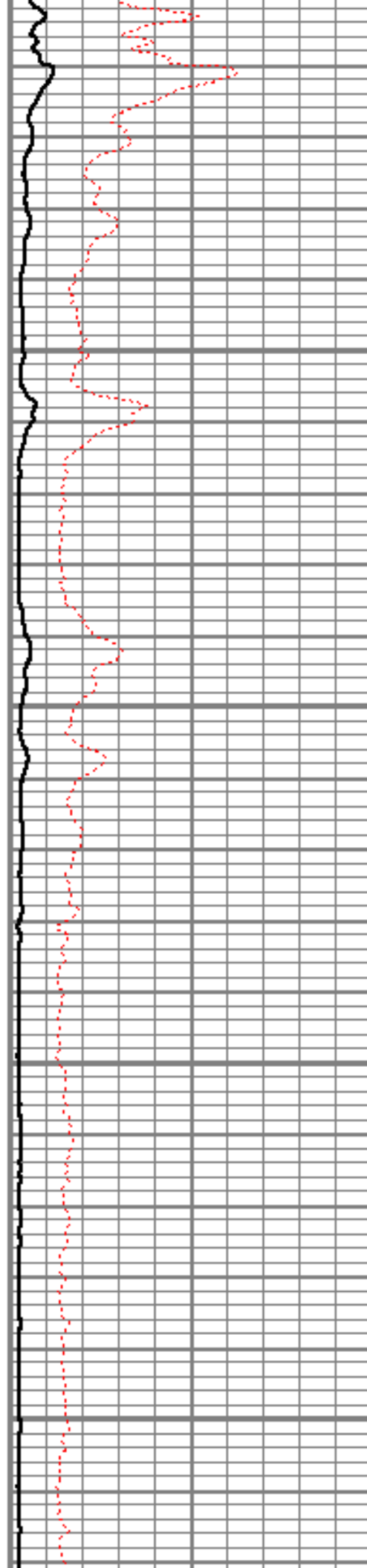


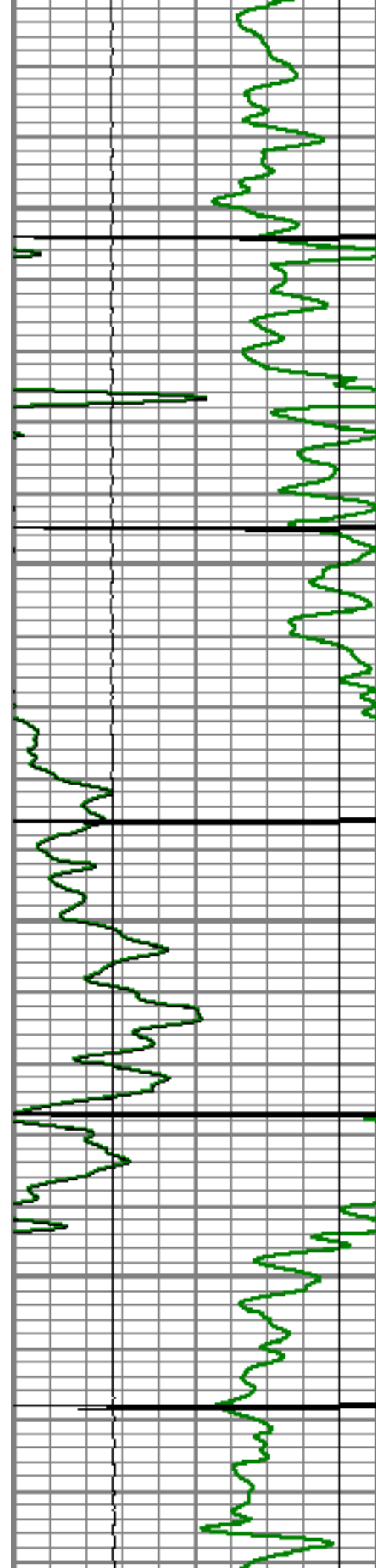
7800

7850

7900

7950



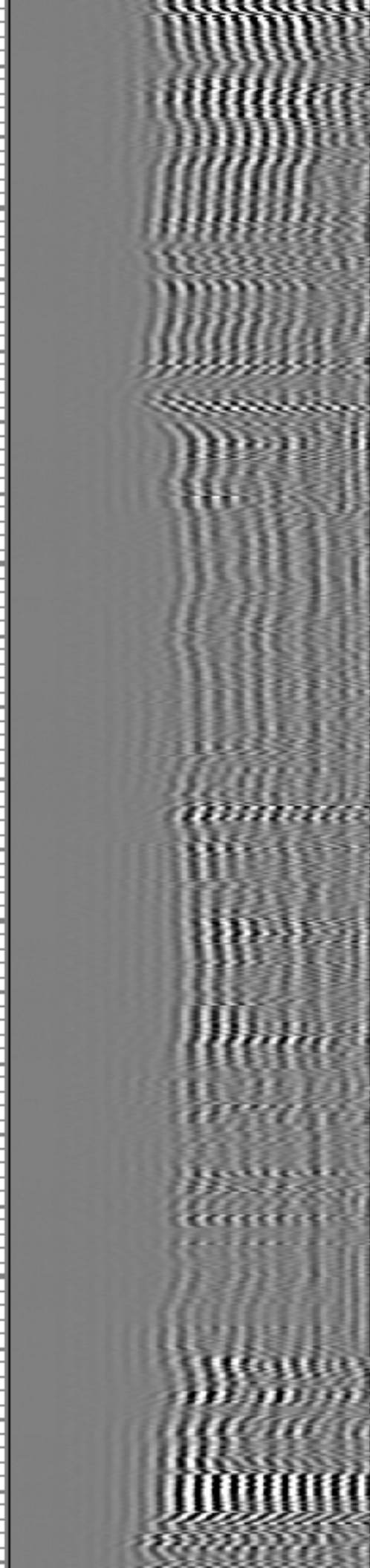
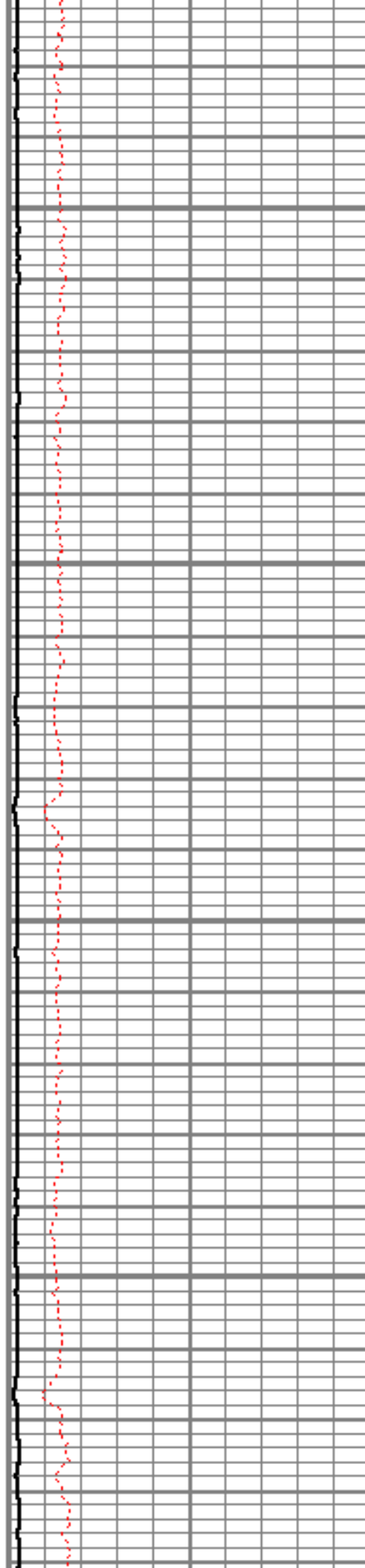


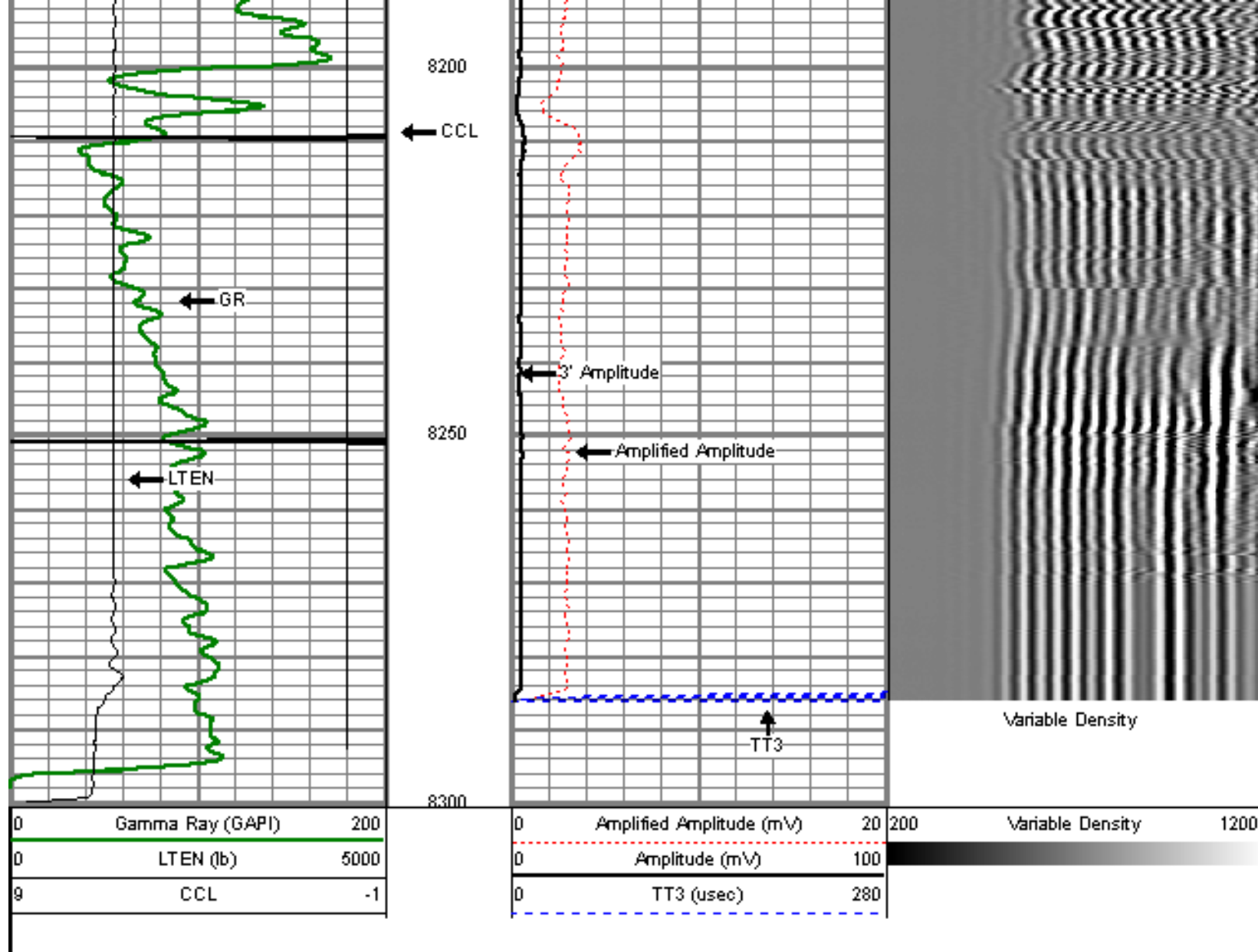
8000

8050

8100

8150

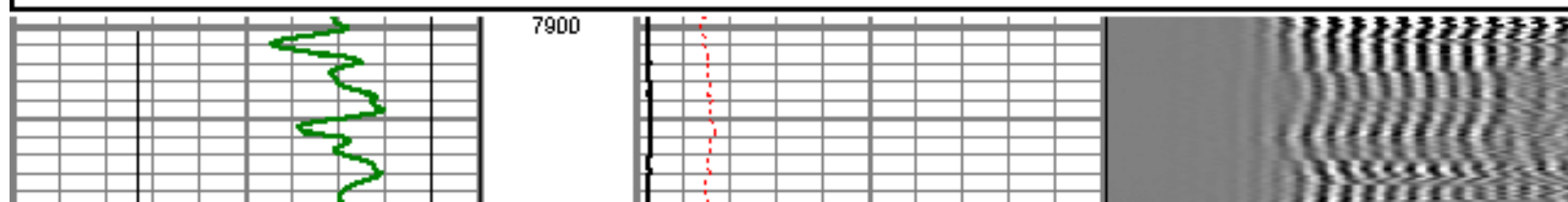
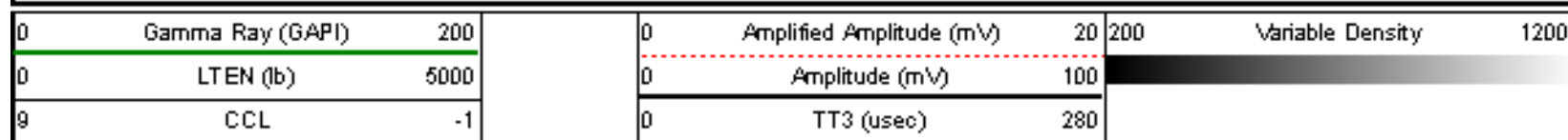


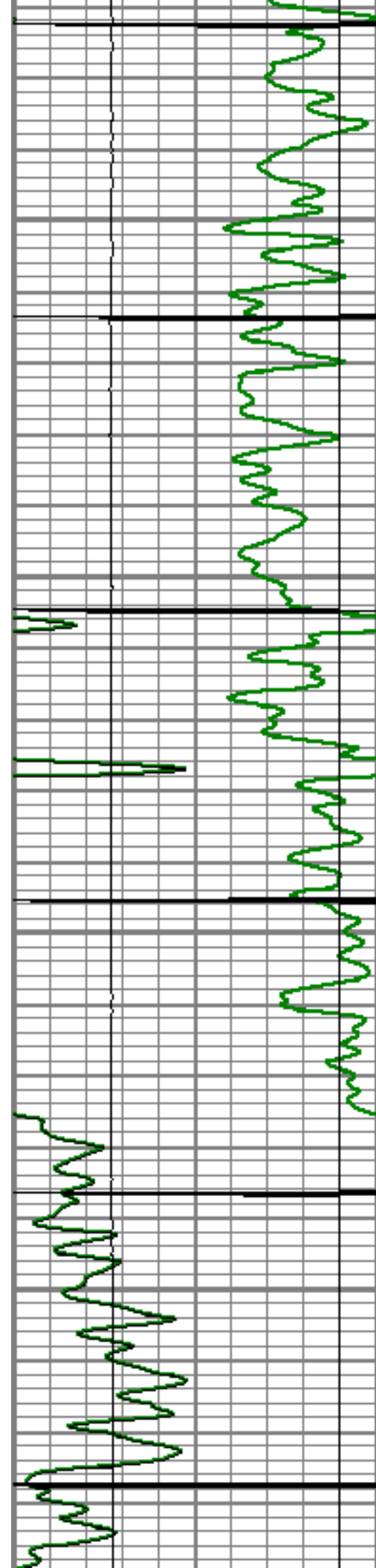


BOTTOM REPEAT PASS

5" = 100'

Database File: puratin 4-4-34.db
 Dataset Pathname: pass5
 Presentation Format: dcbl_prb
 Dataset Creation: Mon Aug 29 07:59:21 2011 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240



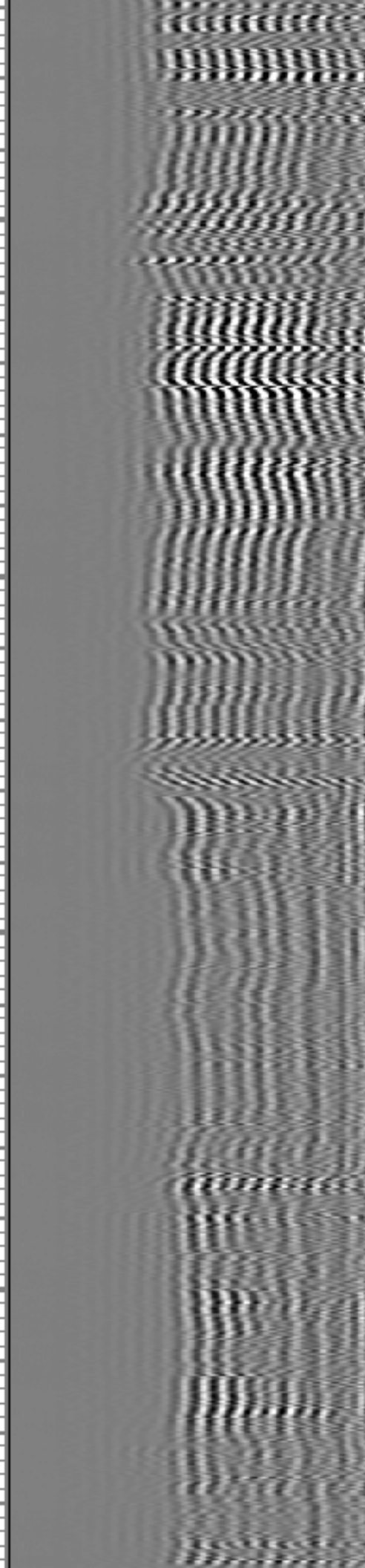
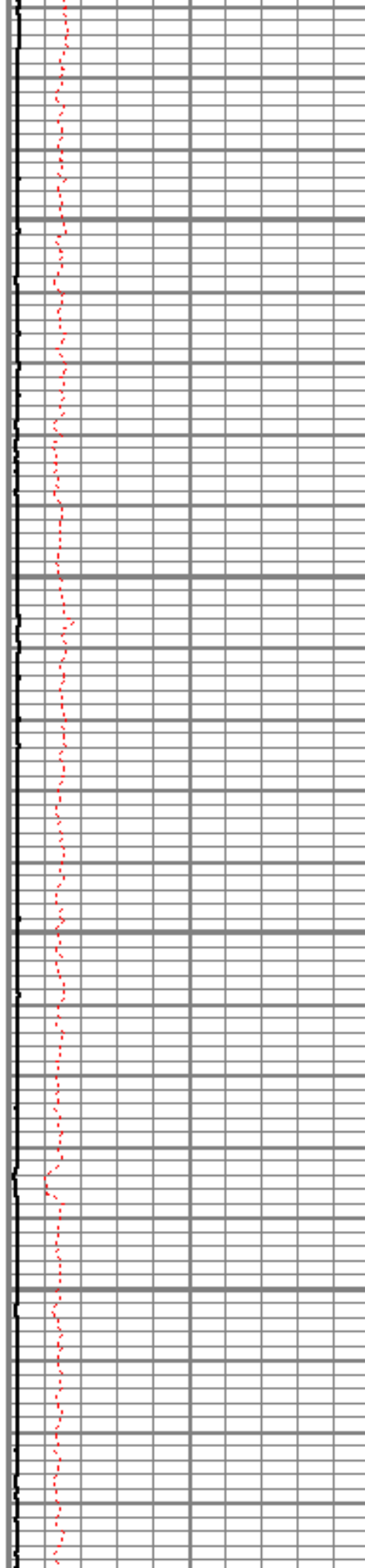


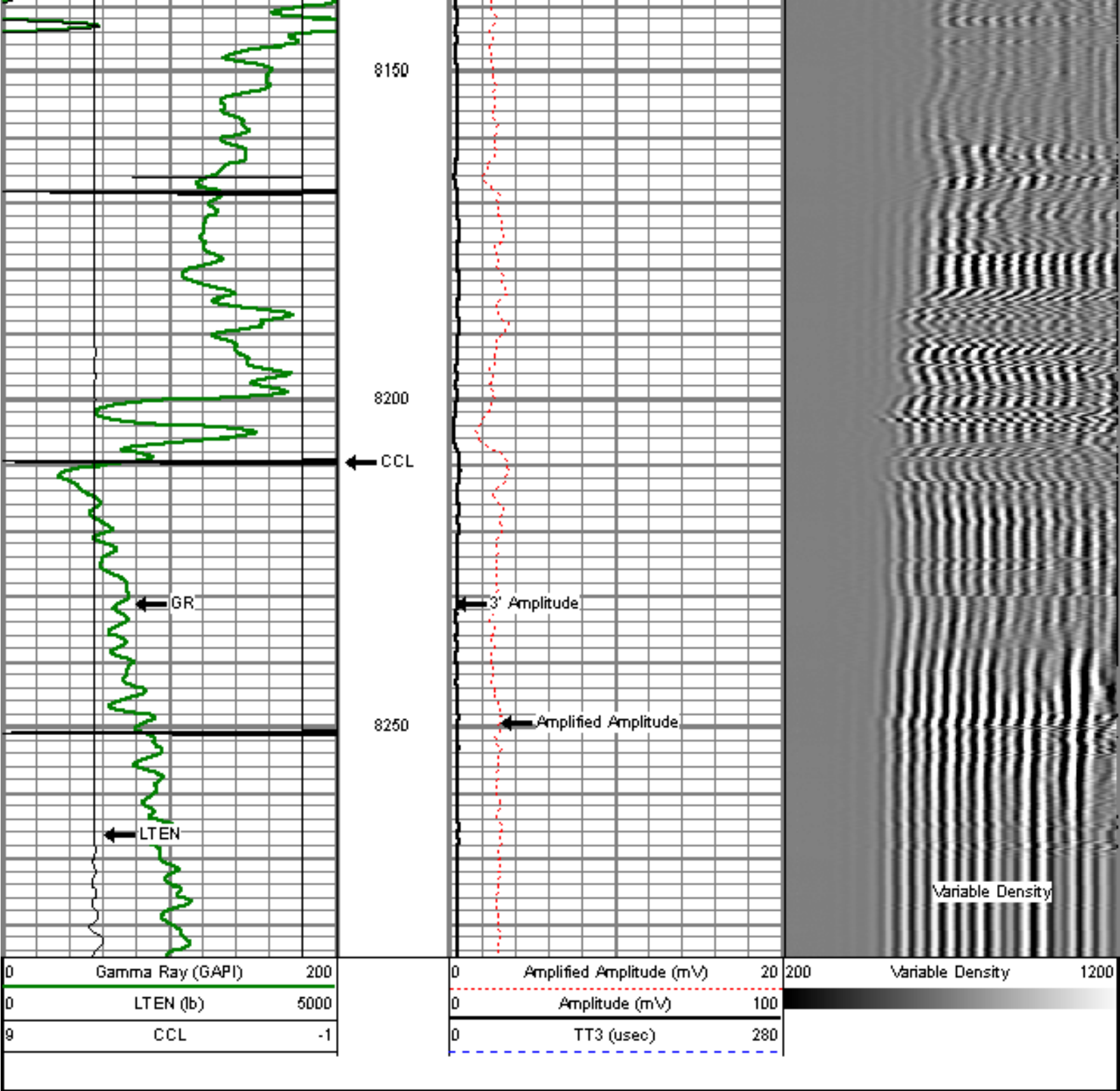
7950

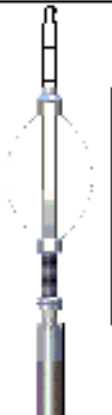
8000

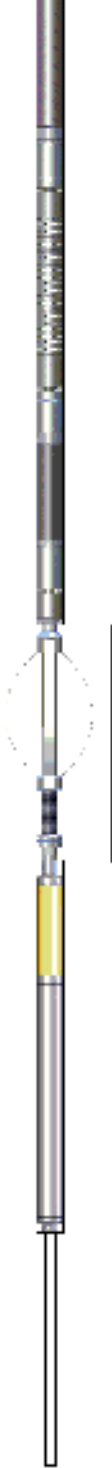
8050

8100





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			titan	1.02	1.44	1.50
			Centralizer-Probe (CENT-PROBE-1) Probe Bowspring Centralizer	2.88	2.75	10.00

WVF3	14.54		CBL-Probe (DCBL_PRB_275_01) Probe 2.75" Dial Receiver Boid	8.77	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_275_01) Probe 2.75" 4 Channel Probe	4.54	2.75	30.00
GR	3.77					
			TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive probe Temp tool	12.88	1.38	15.00
TEMP	0.17					
Dataset: puritan 4-4-34.db: field/well/run1/pass7 OH Total Length: 22.96 ft Total Weight: 126.50 lb O.D. 2.75 in						



Company	ENCANA OIL & GAS USA INC
Well	PURITAN 4-4-34
Field	WATTENBERG
County	WELD
State	COLORADO