



CEMENT BOND
LOG

Mesa Wireline

Company	ENCANA OIL & GAS (USA) INC.		
Well	BEARDEN 2-4-6		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Company ENCANA OIL & GAS (USA) INC.		Location: API #: 05-123-34942-0000	
Well BEARDEN 2-4-6		Other Services	
Field WATTENBERG		NONE	
County WELD		State COLORADO	
SEC: 6 TWP: 1N RGE: 68W		Elevation	
Permanent Datum GROUND LEVEL		K.B. 4991'	
Log Measured From KELLY BUSHING = 13'		D.F. 4992'	
Drilling Measured From KELLY BUSHING		G.L. 4978'	

Date	2 MARCH 2013				
Run Number	ONE				
Depth Driller	8414'				
Depth Logger	8385'				
Bottom Logged Interval	8385'				
Top Log Interval	700'				
Open Hole Size	7.875"				
Type Fluid	WATER				
Density / Viscosity	~8.34 LBS/GAL				
Max. Recorded Temp.	263 DEGF				
Estimated Cement Top	3190'				
Time Well Ready	N/A				
Time Logger on Bottom	N/A				
Equipment Number	10501 PRD01				
Location	AULT, CO				
Recorded By	V. FULLER				
Witnessed By	T. MAJORS				
Borehole Record					
Run Number	Bit	From	To	Size	Tubing Record
ONE	12.25"	0'	725'		Weight
TWO	7.875"	0'	8368'		From
					To
Casing Record	Size		Wgt/Ft	Top	Bottom
Surface String	8.625"		24#	0'	946'
Prot. String					
Production String	4.50"		11.6#	0'	8402'
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 PIONEER HIGH RESOLUTION INDUCTION LOG
SHORT JOINT 7400' - 7421'

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



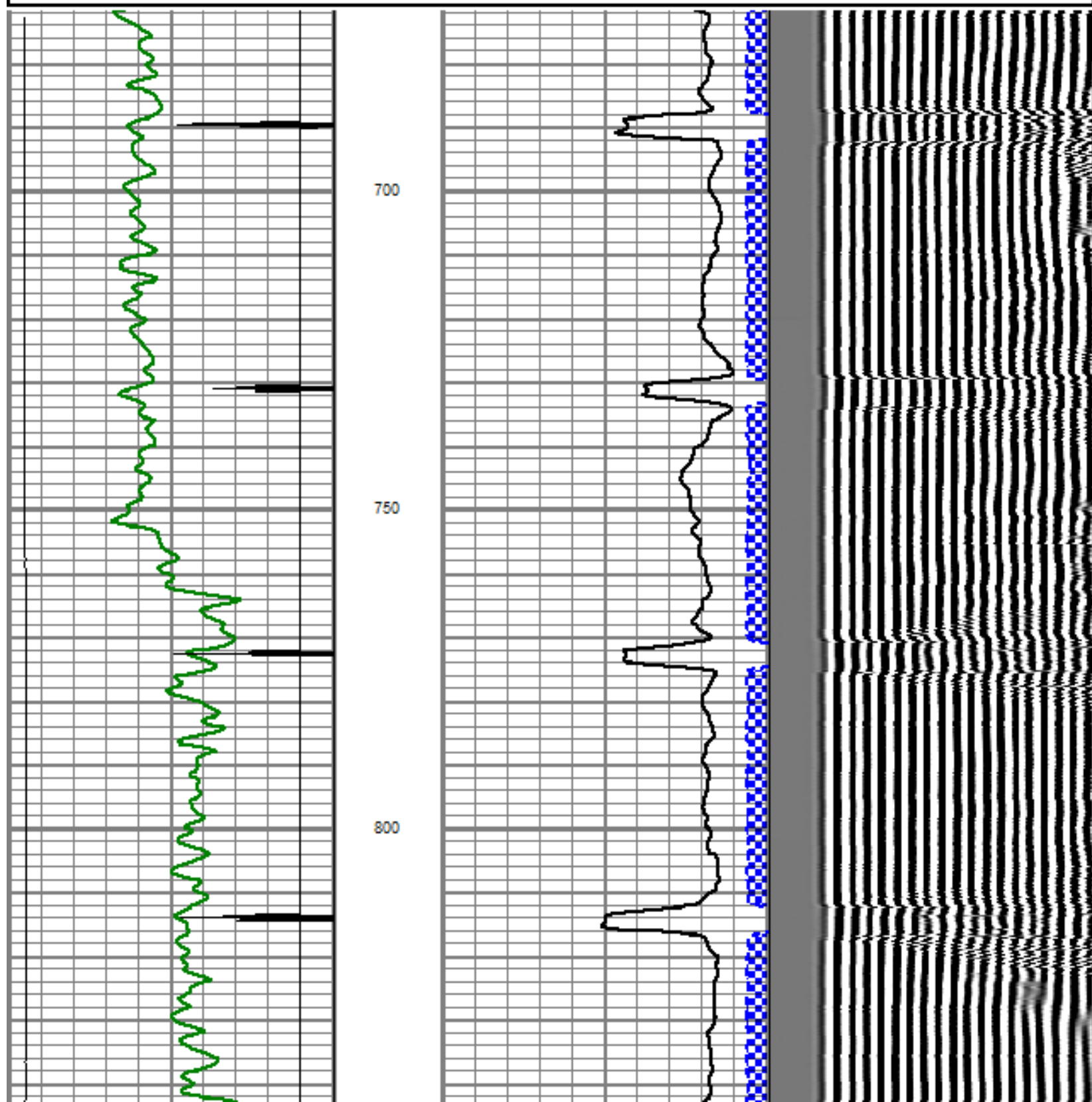
TOP PASS

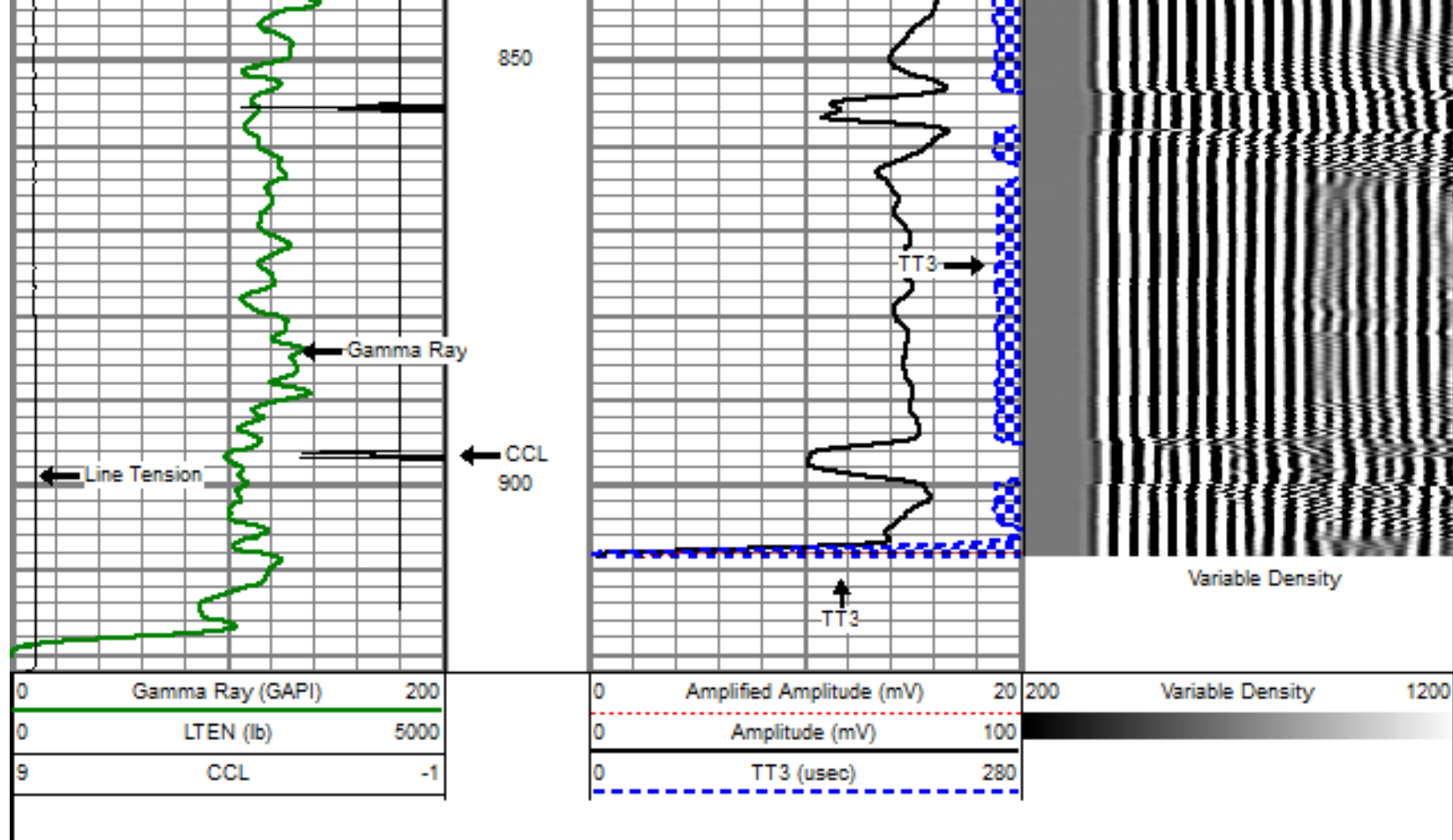
Database File: bearden 2-4-8.db
Dataset Pathname: pass18
Presentation Format: dobl_prb
Dataset Creation: Sat Mar 02 16:57:59 2013
Charted by: Depth in Feet scaled 1:240

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

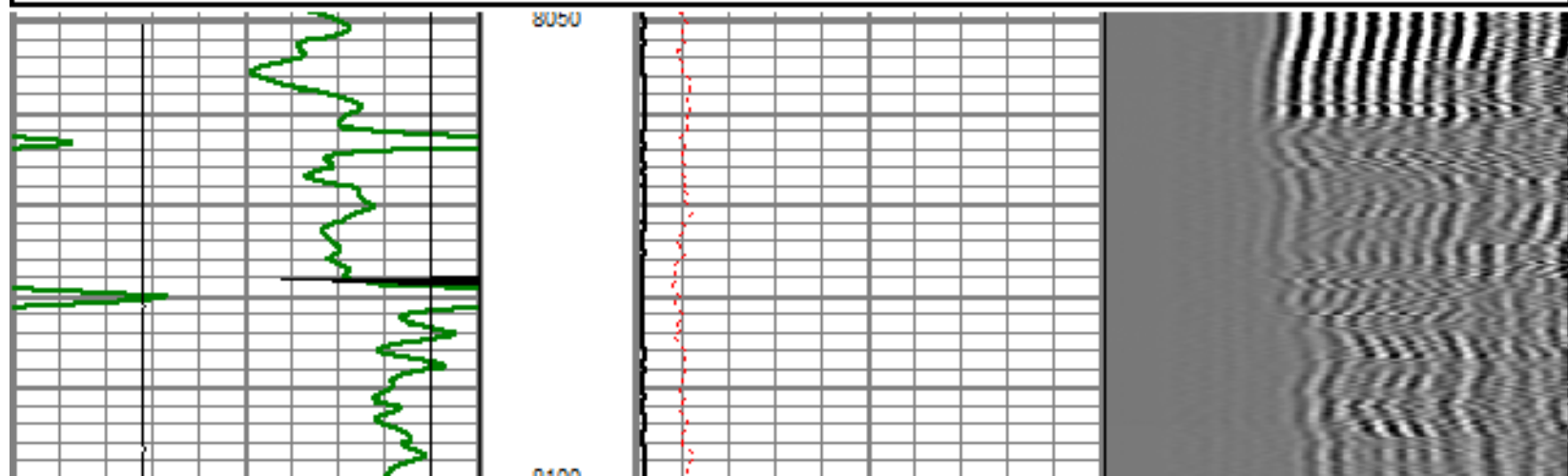
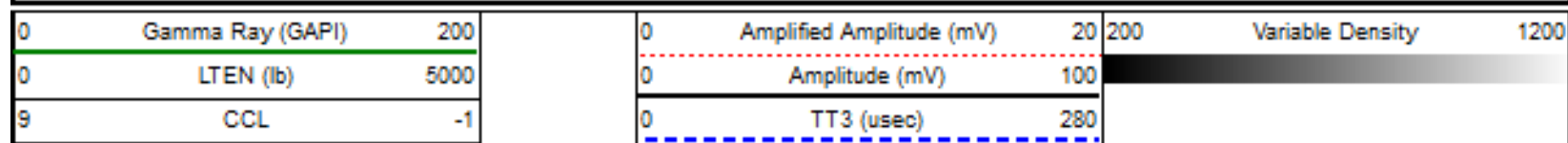


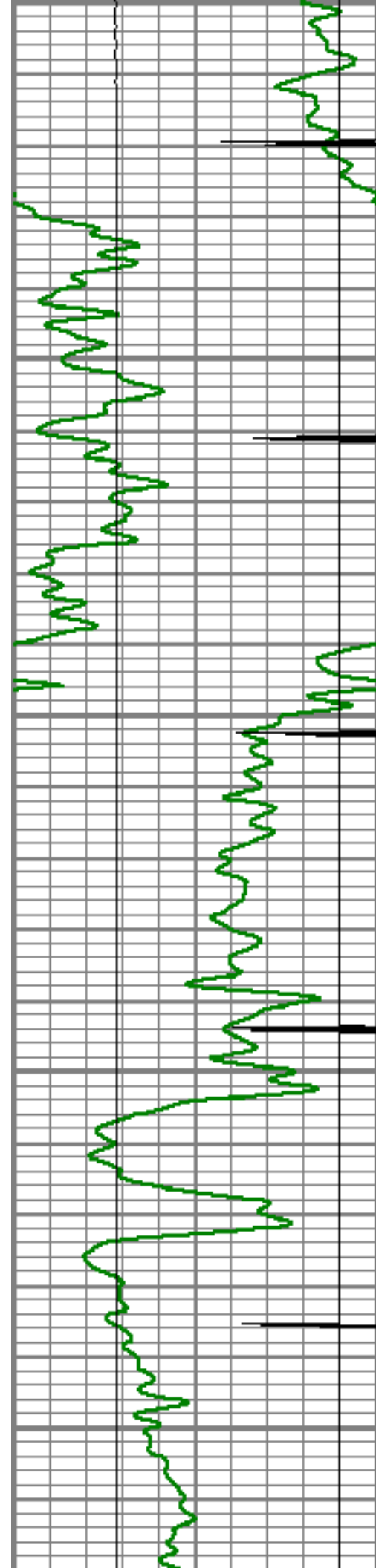


REPEAT PASS

5" = 100'

Database File: bearden 2-4-6.db
 Dataset Pathname: pass15
 Presentation Format: dobl_prb
 Dataset Creation: Sat Mar 02 16:58:02 2013
 Charted by: Depth in Feet scaled 1:240





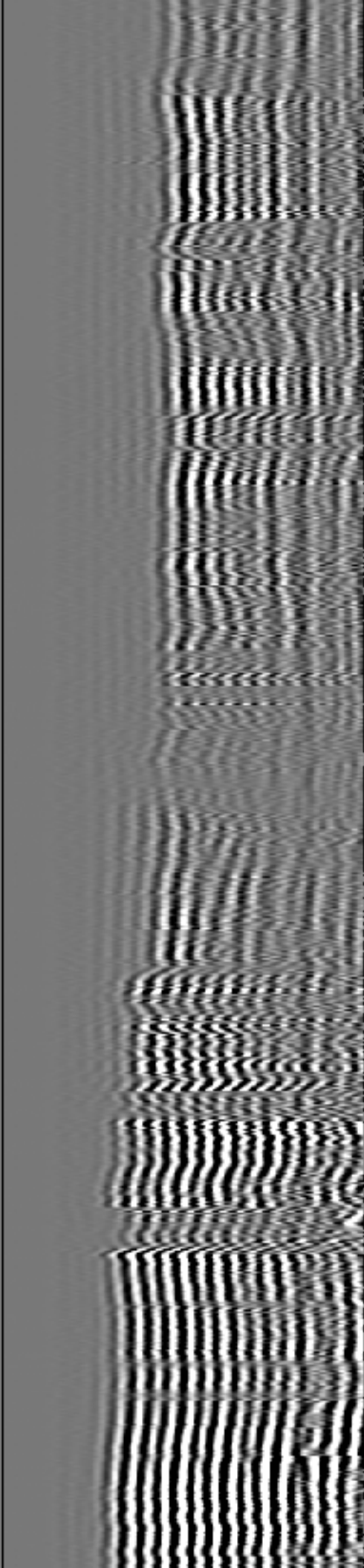
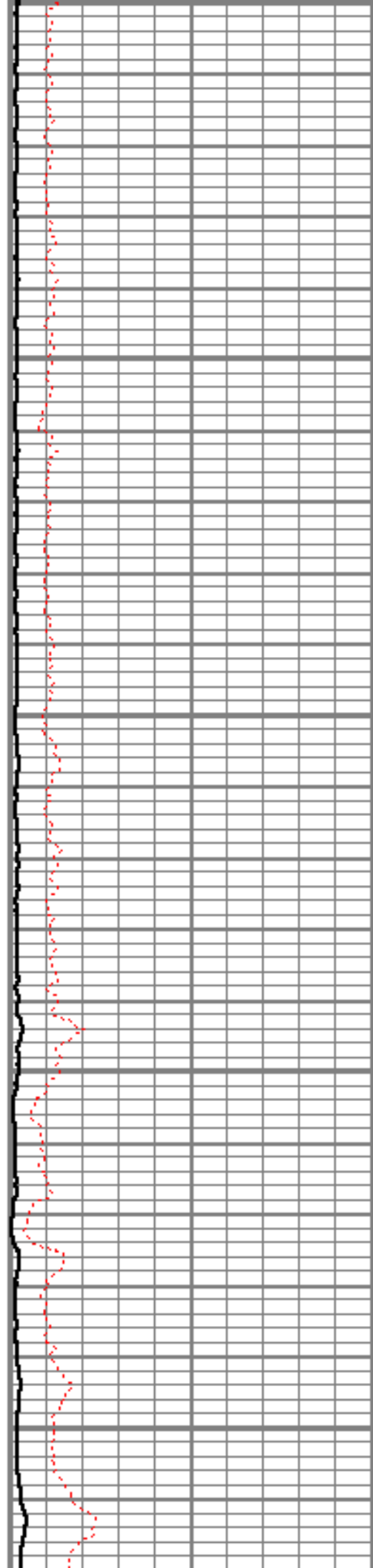
8100

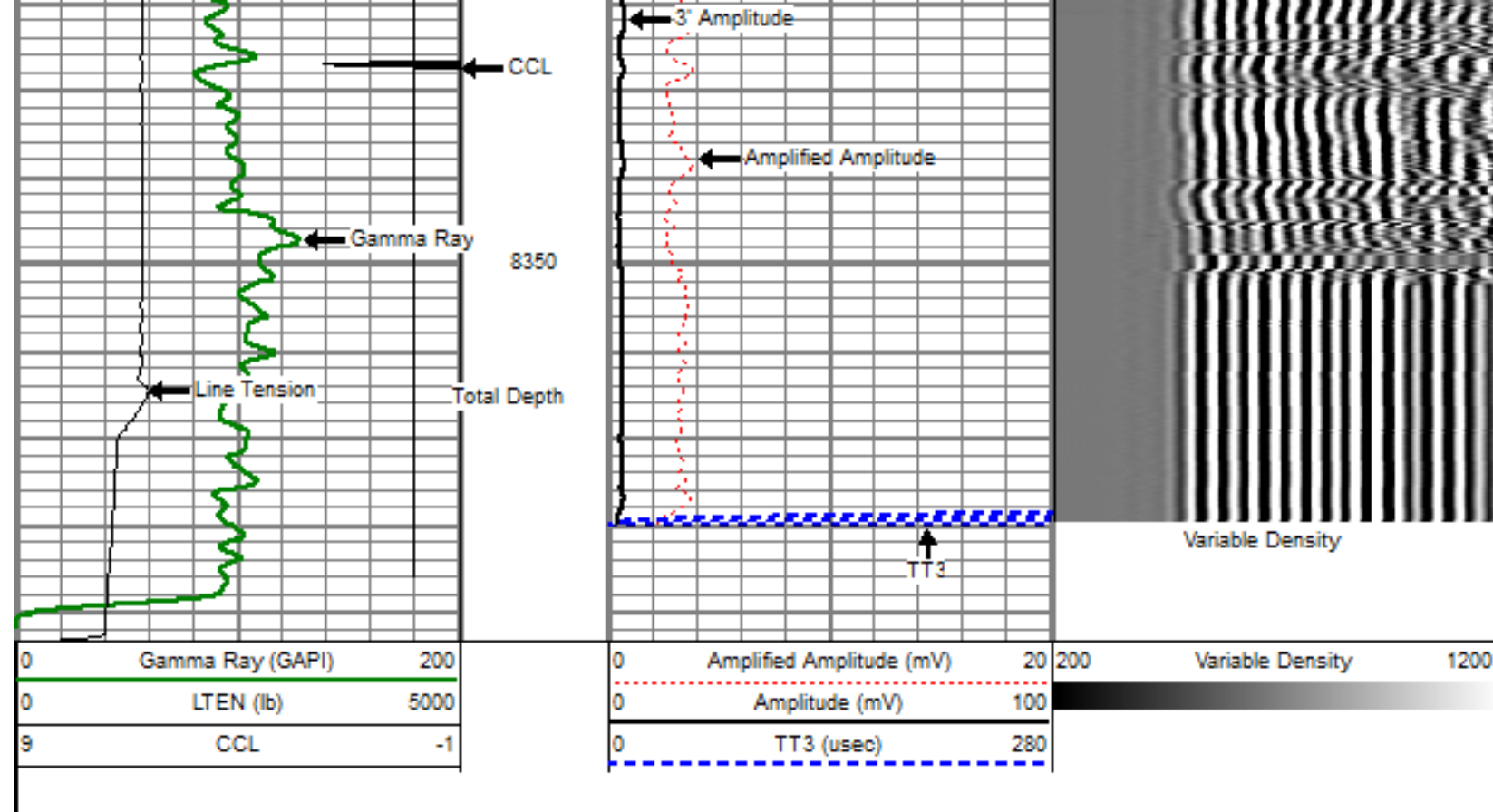
8150

8200

8250

8300

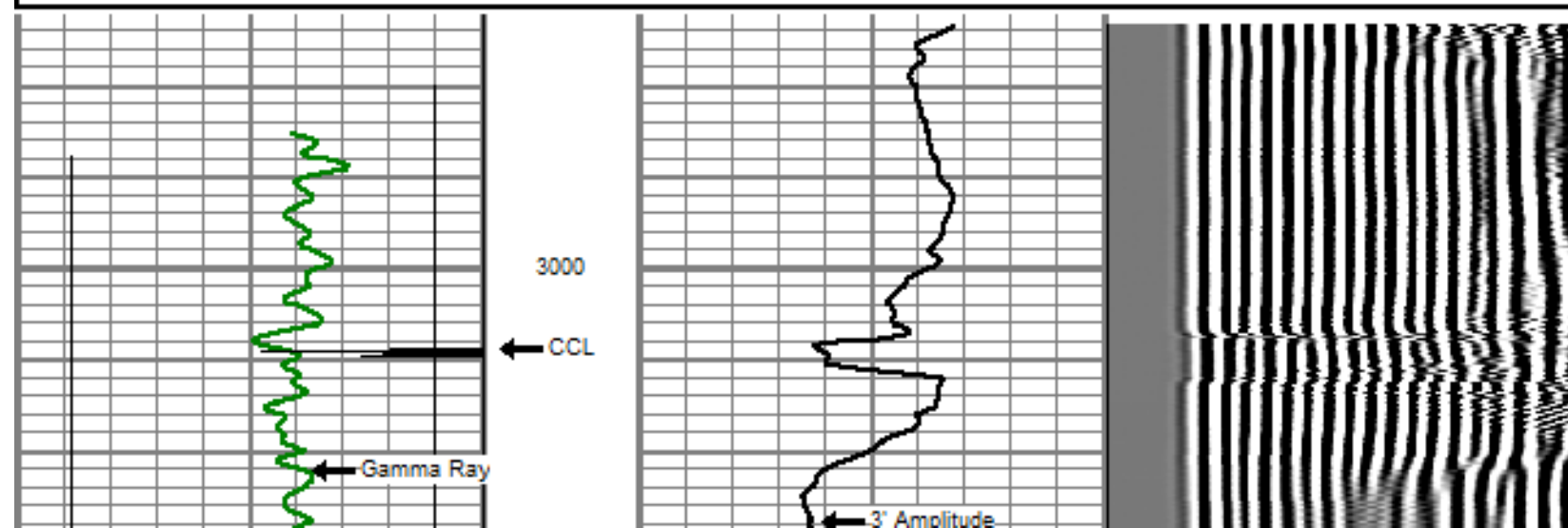
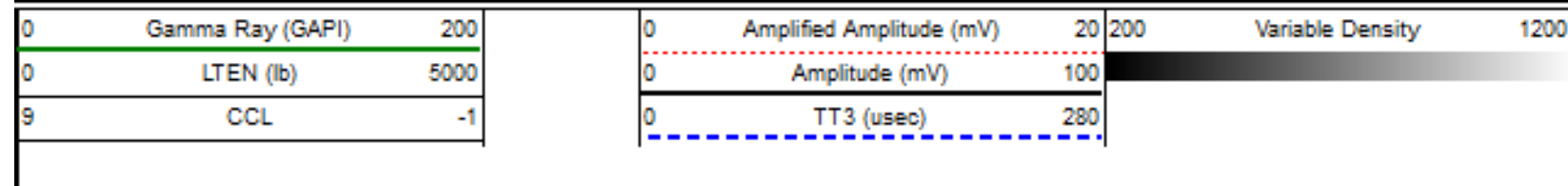


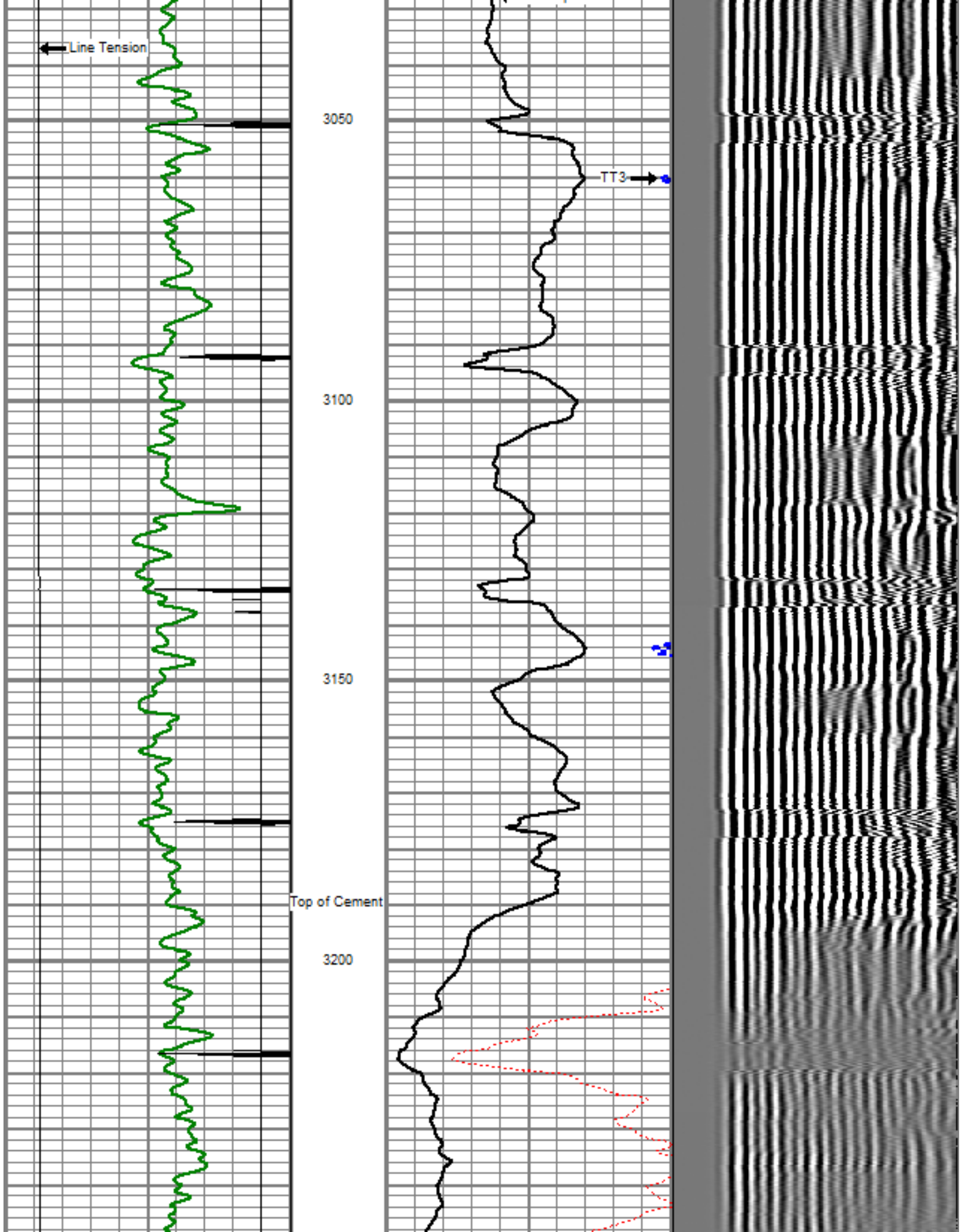


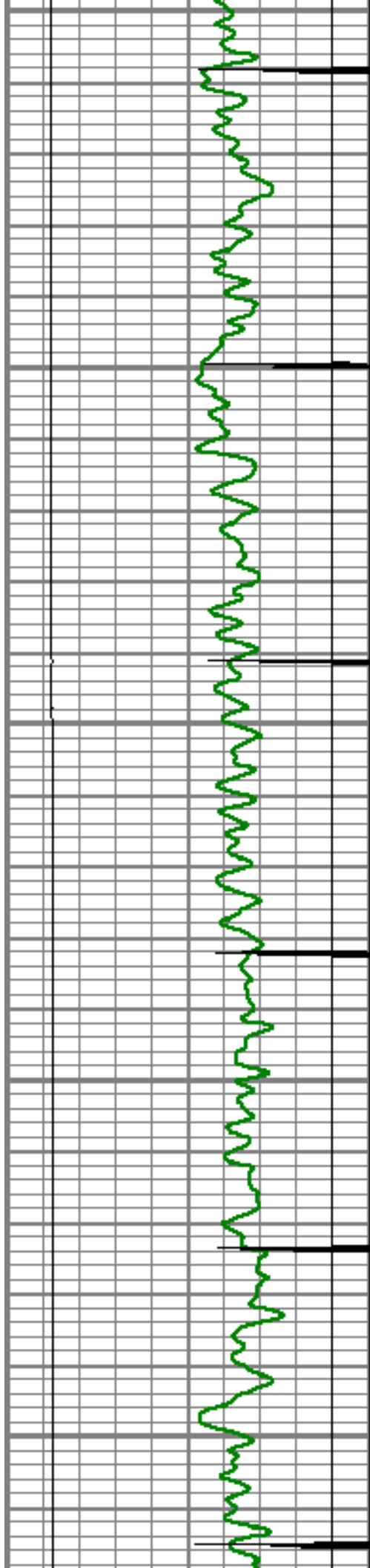
MAIN PASS

5' = 100'

Database File: bearden 2-4-8.db
 Dataset Pathname: pass160H
 Presentation Format: dobl_prb
 Dataset Creation: Sat Mar 02 17:01:31 2013
 Charted by: Depth in Feet scaled 1:240







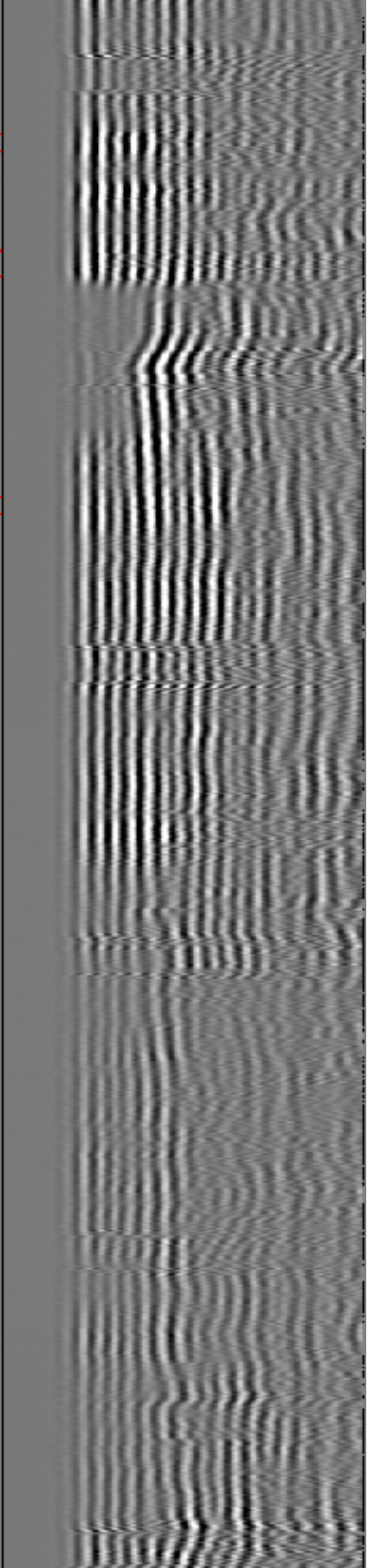
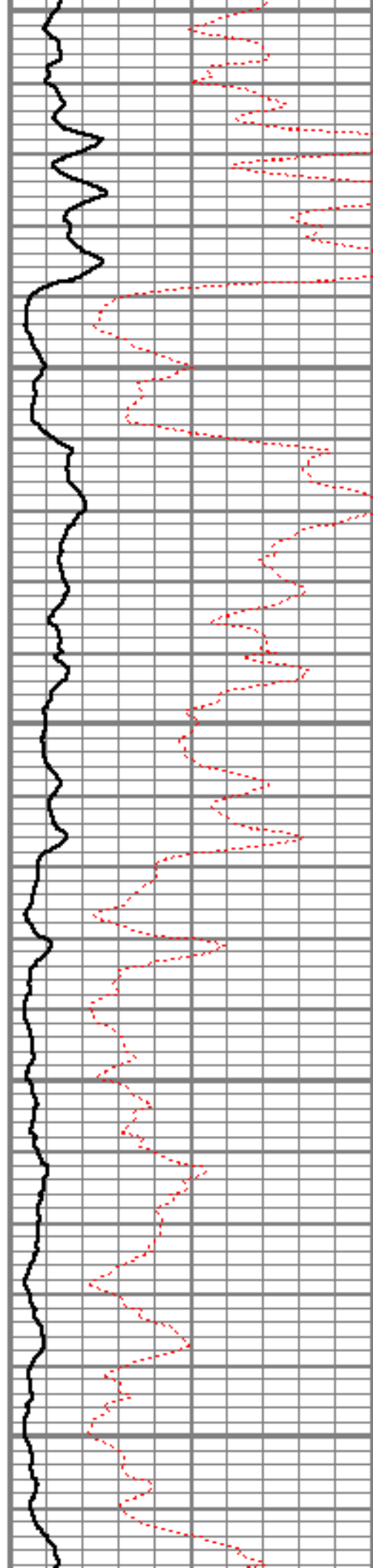
3250

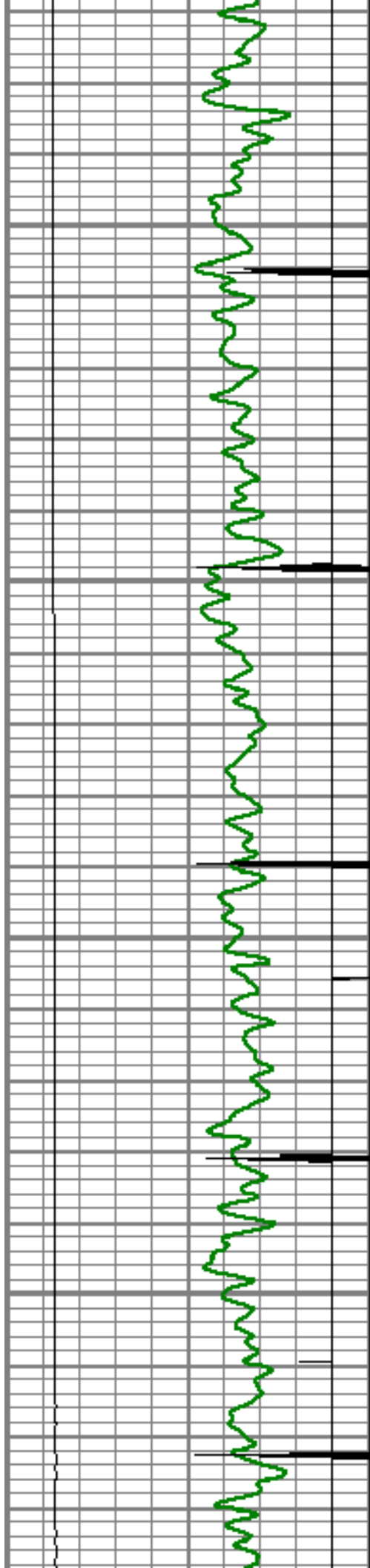
3300

3350

3400

3450



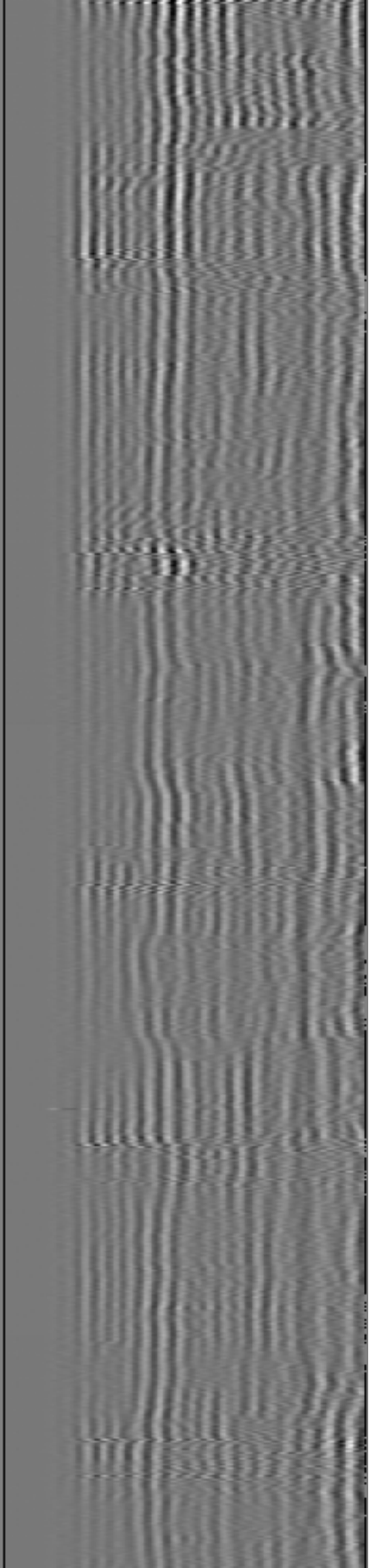
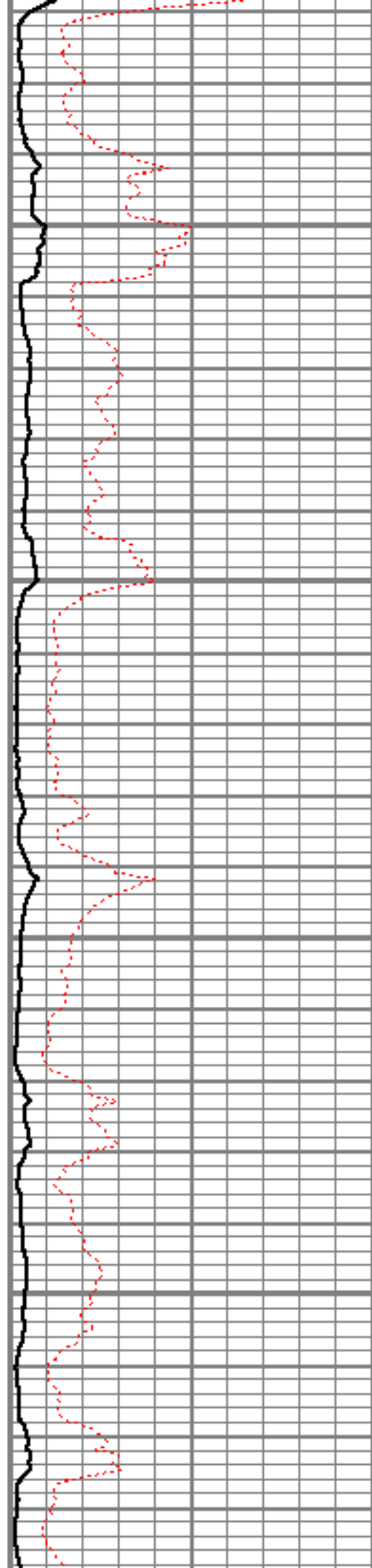


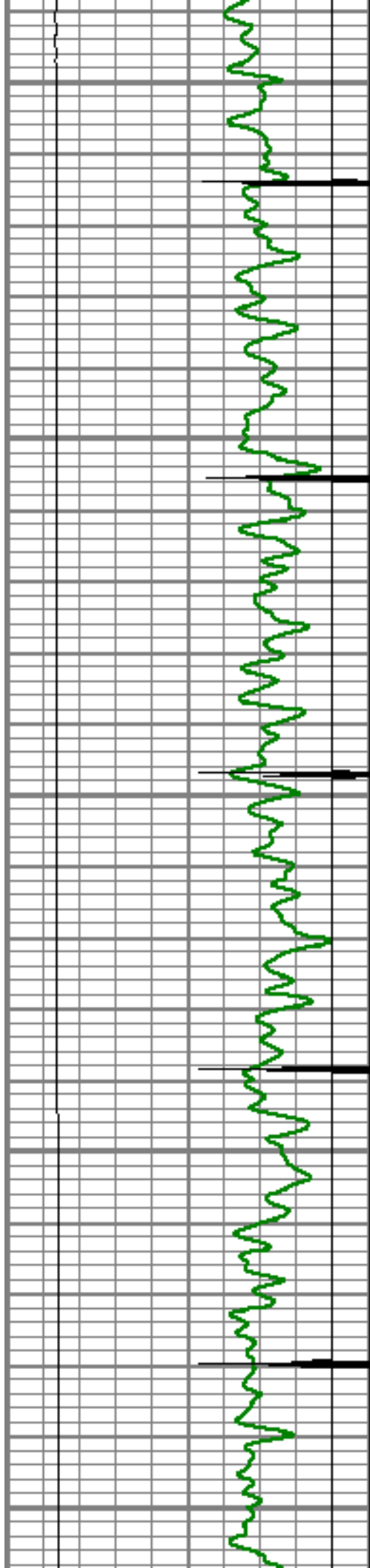
3500

3550

3600

3650





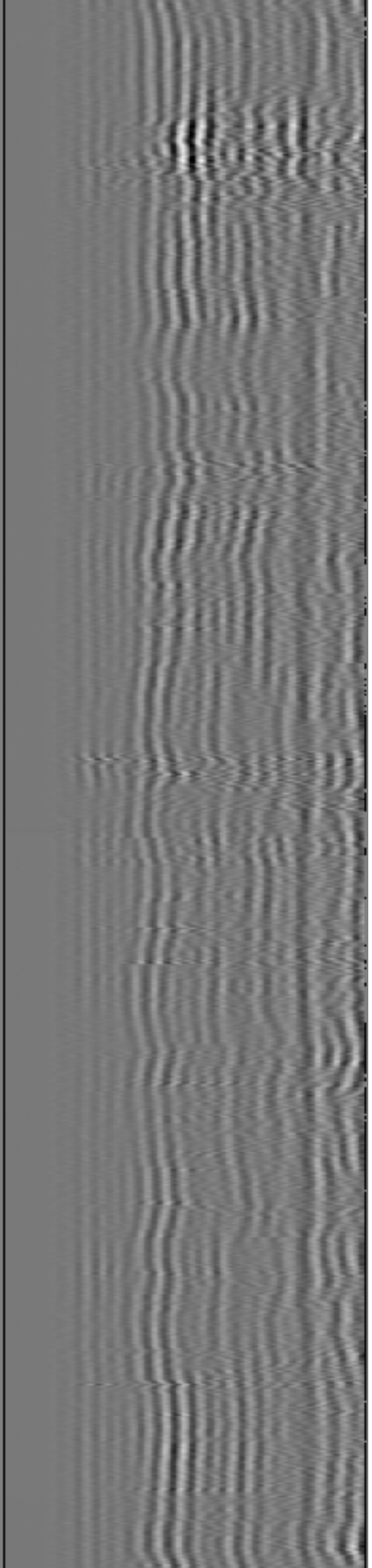
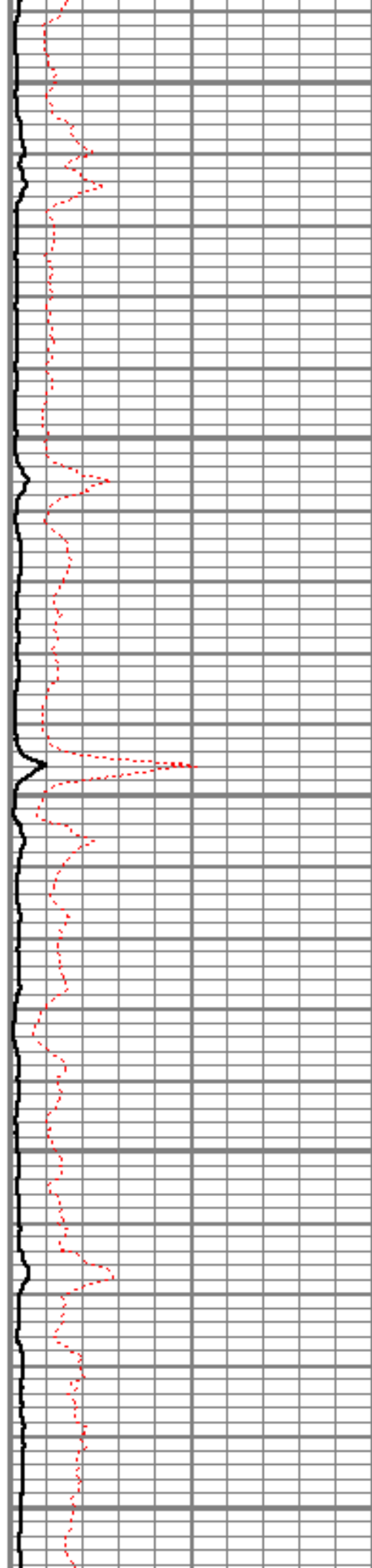
3700

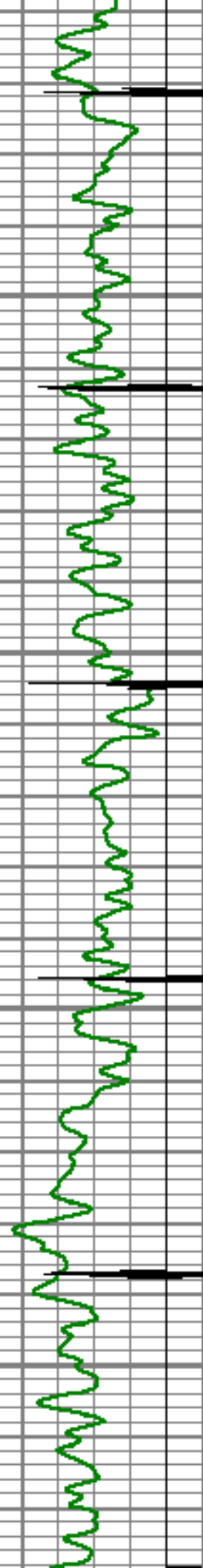
3750

3800

3850

3900



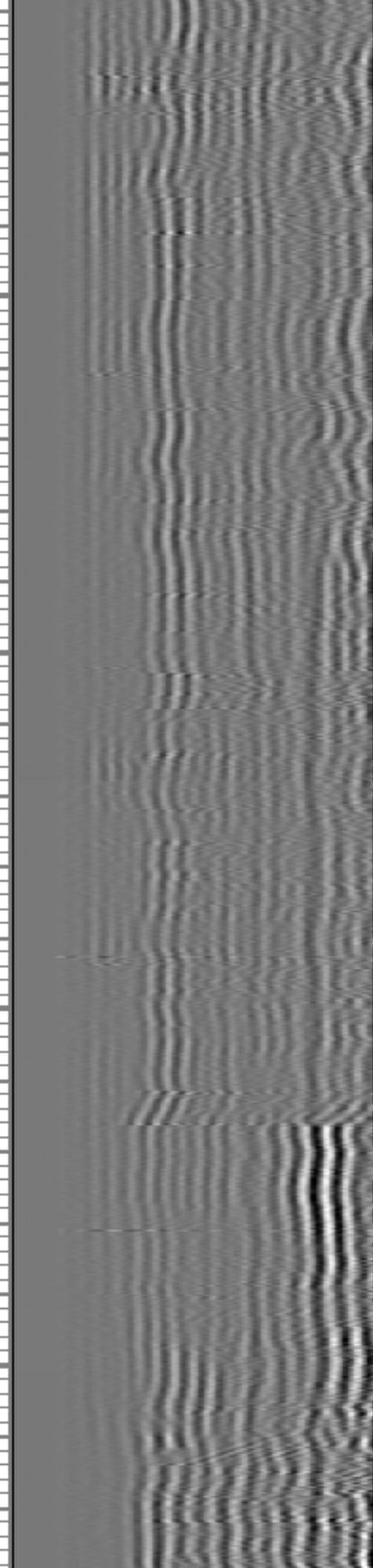
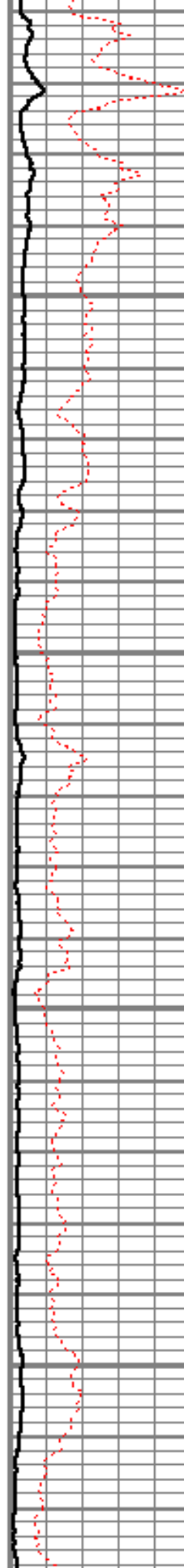


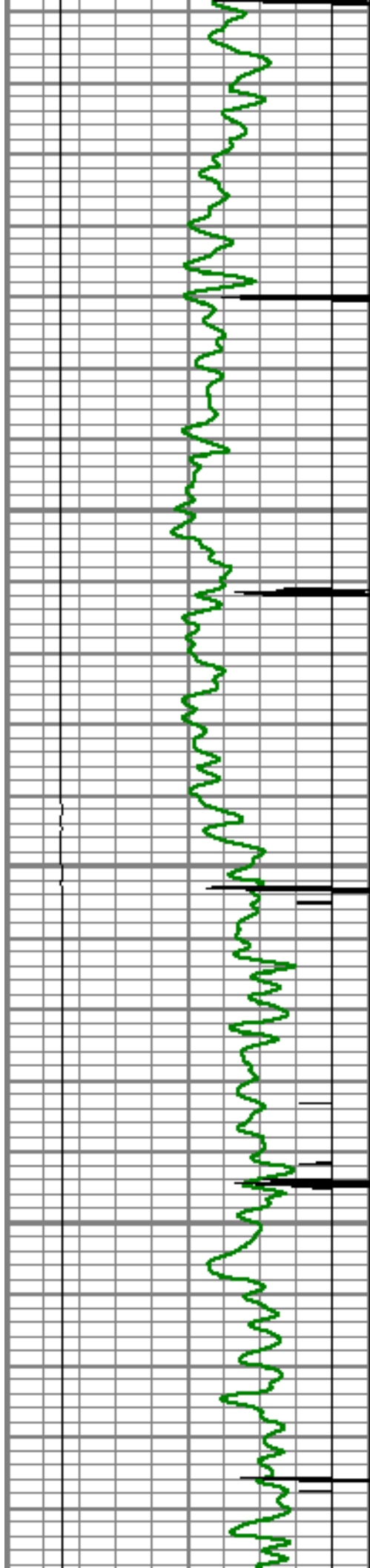
3950

4000

4050

4100



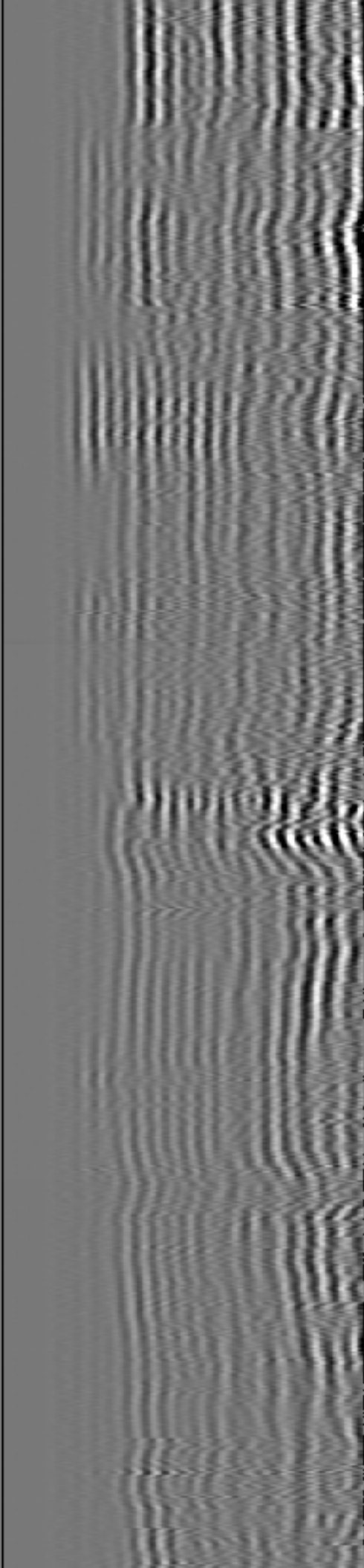
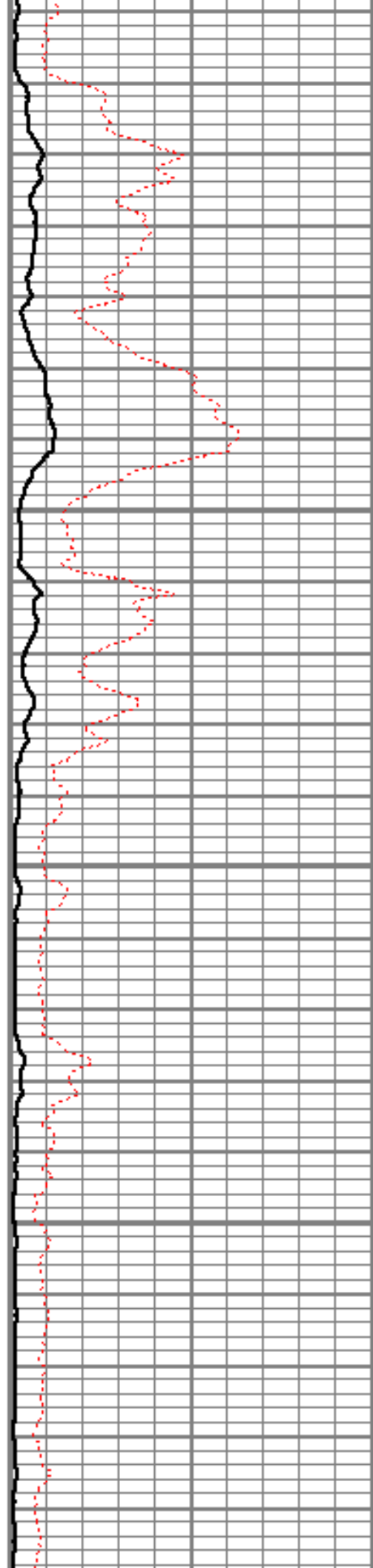


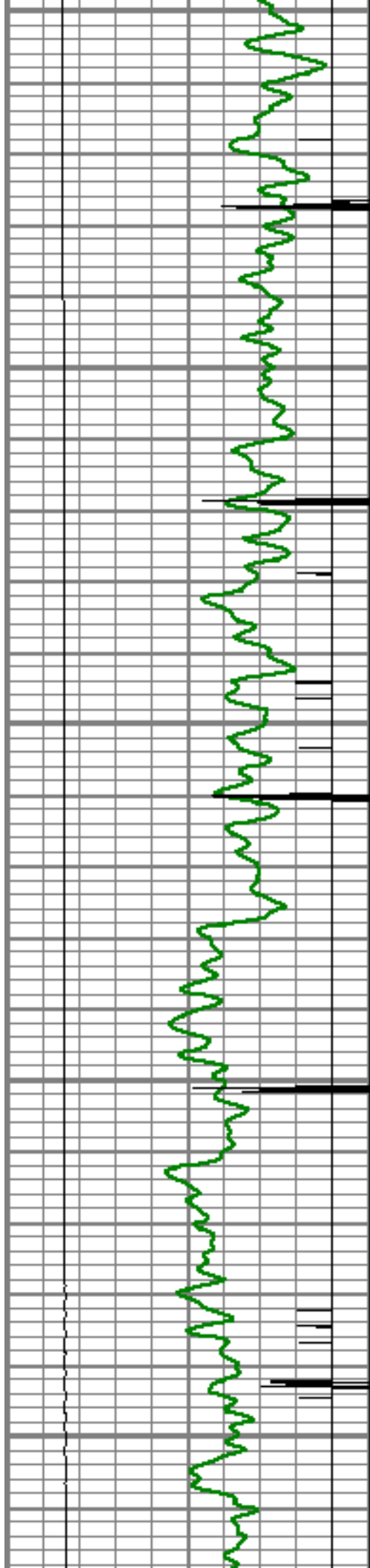
4150

4200

4250

4300





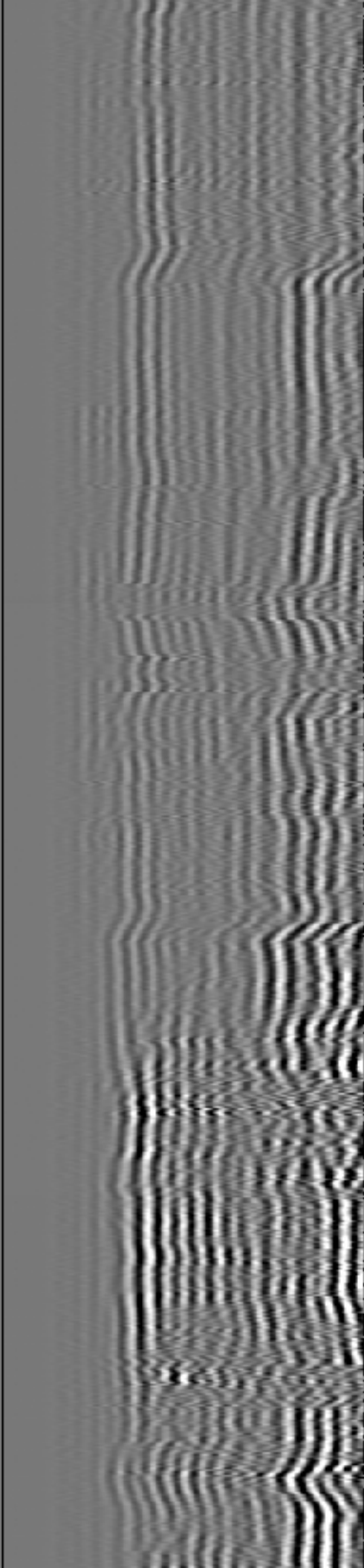
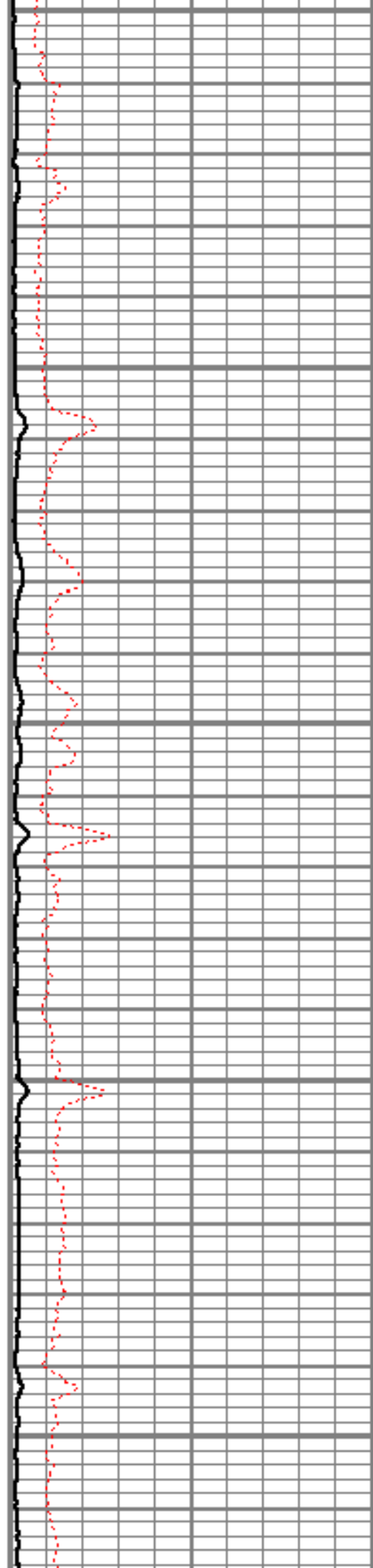
4350

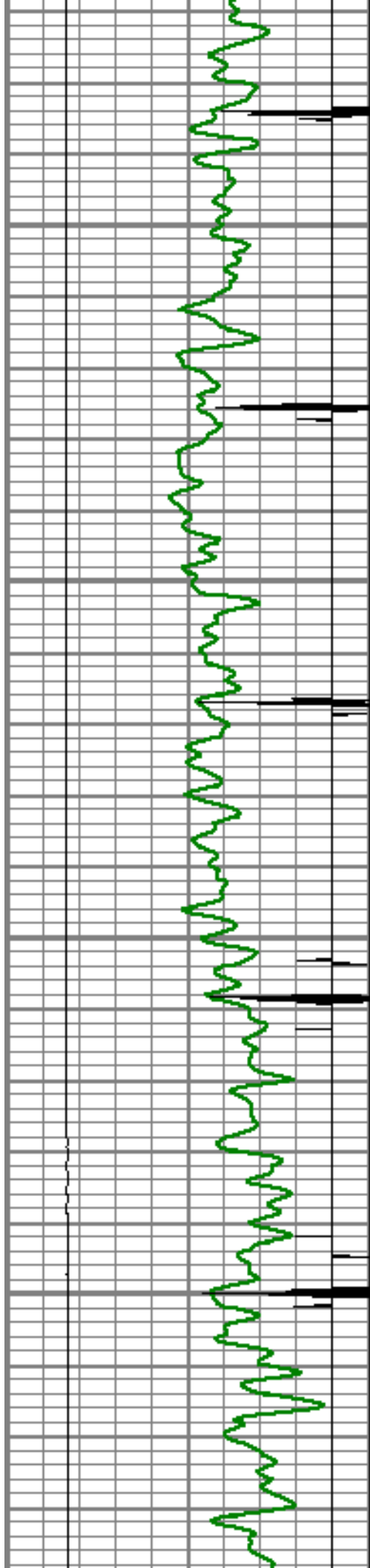
4400

4450

4500

4550



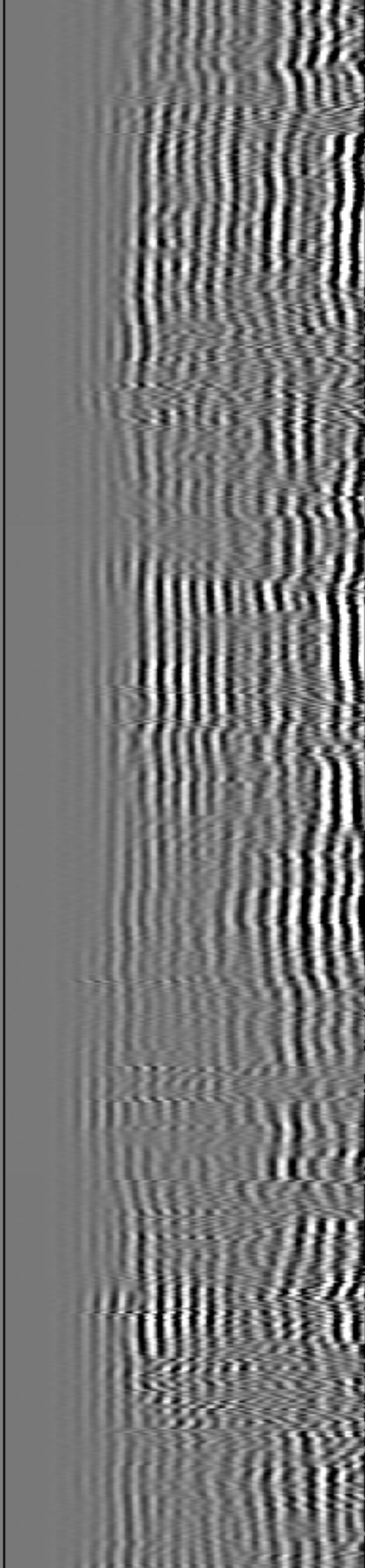
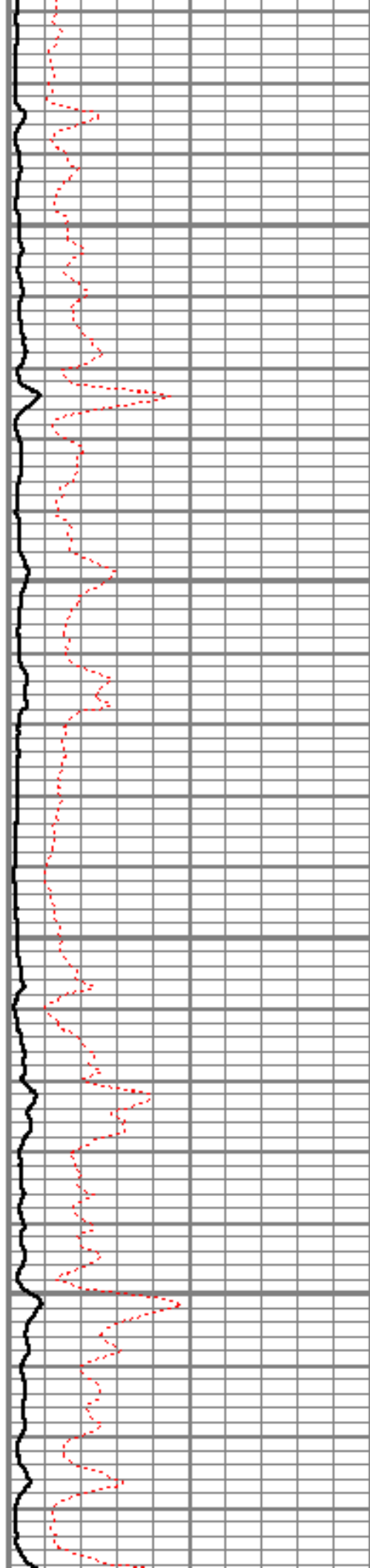


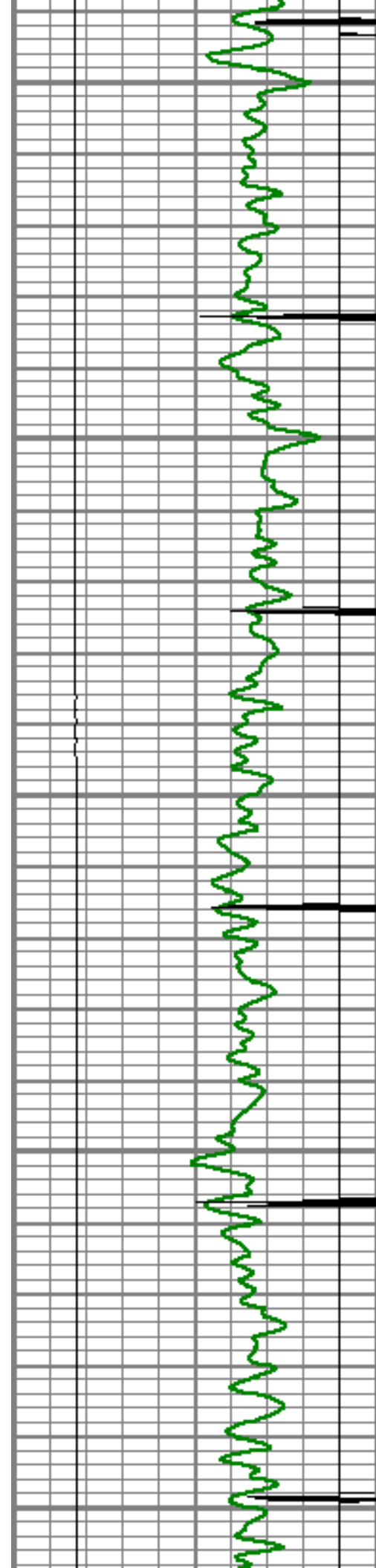
4600

4650

4700

4750





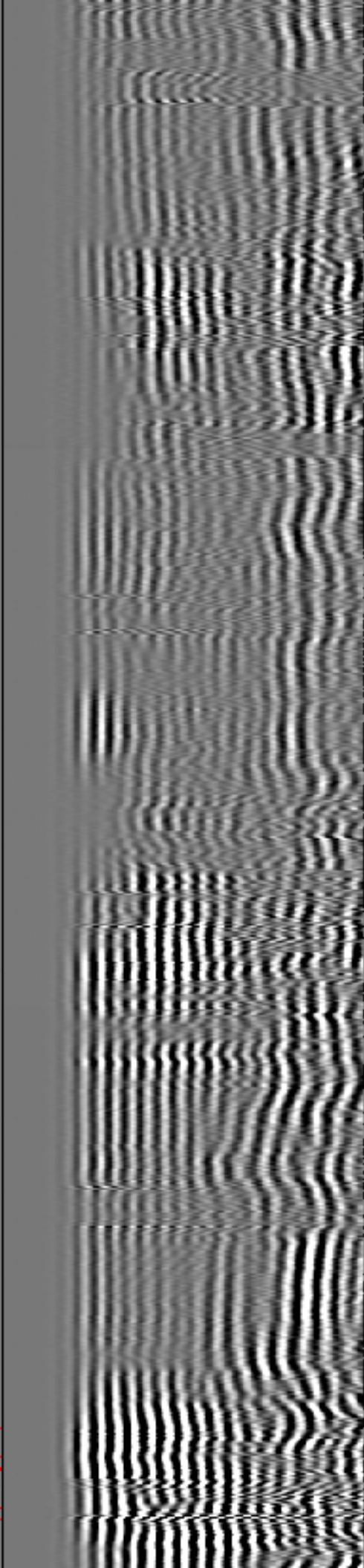
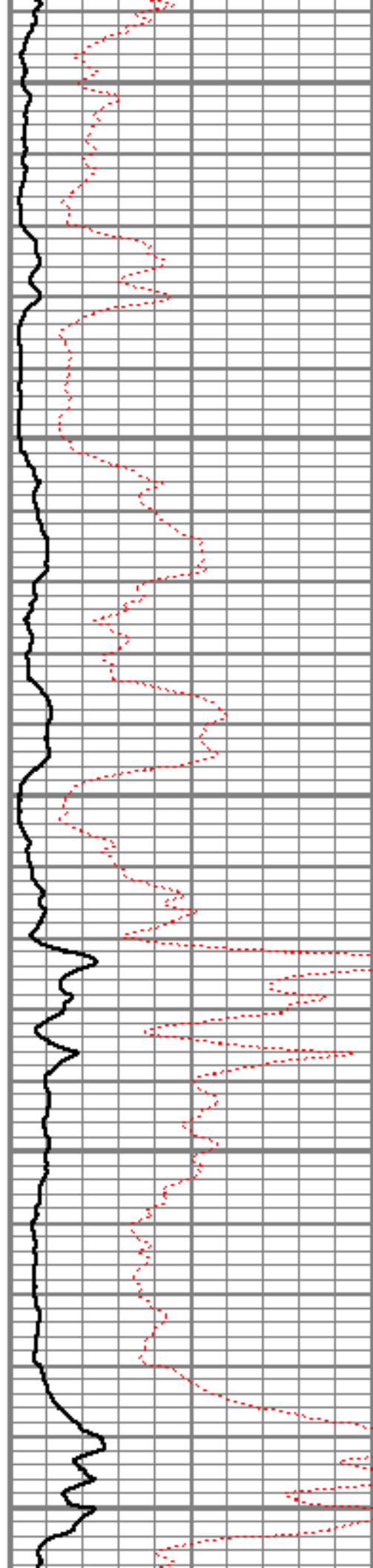
4800

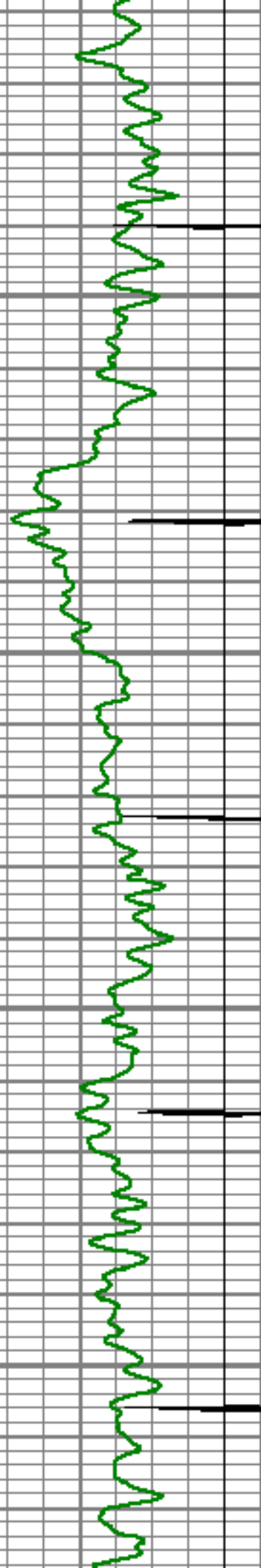
4850

4900

4950

5000



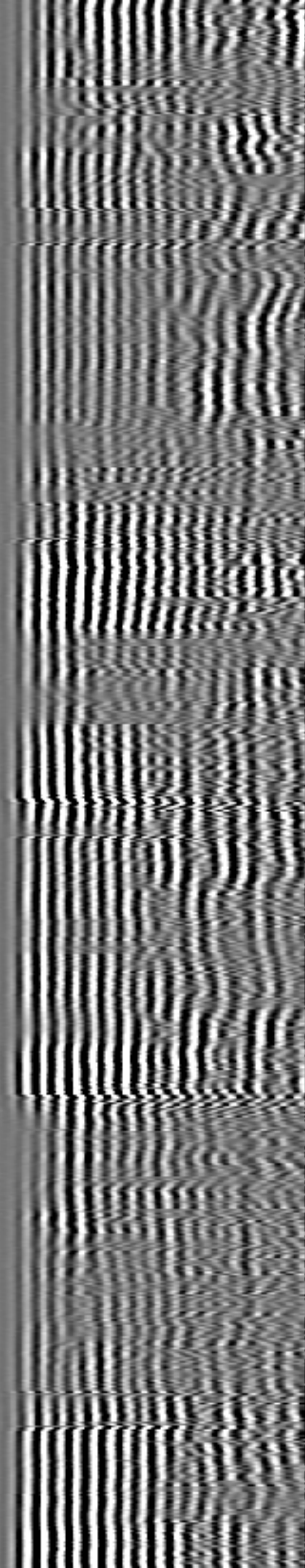
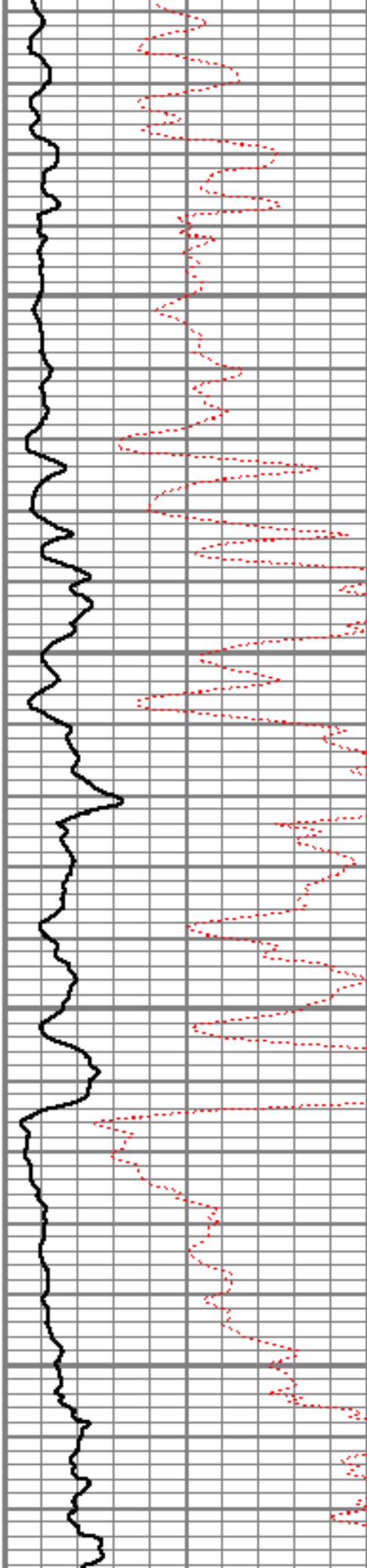


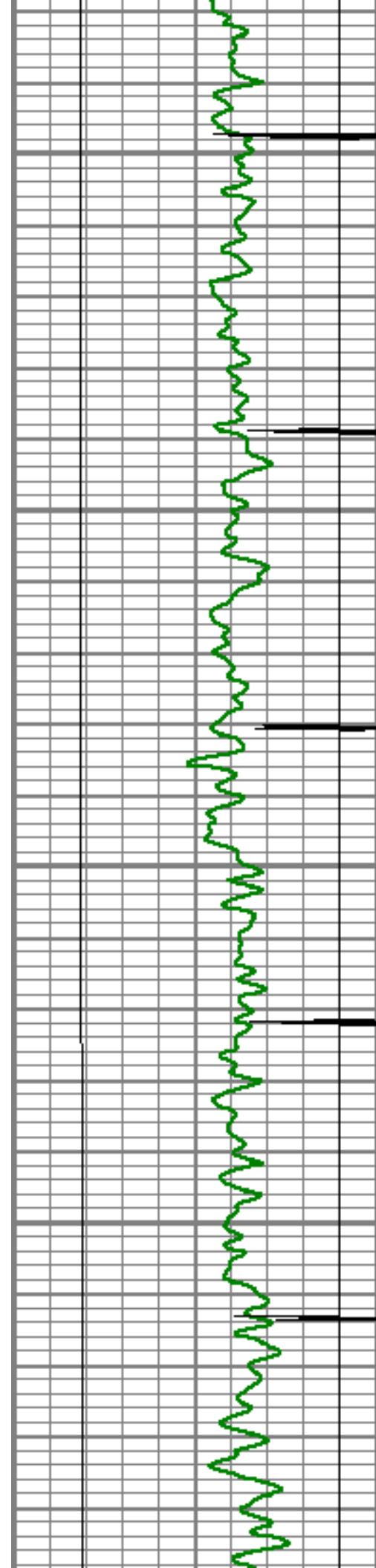
5050

5100

5150

5200



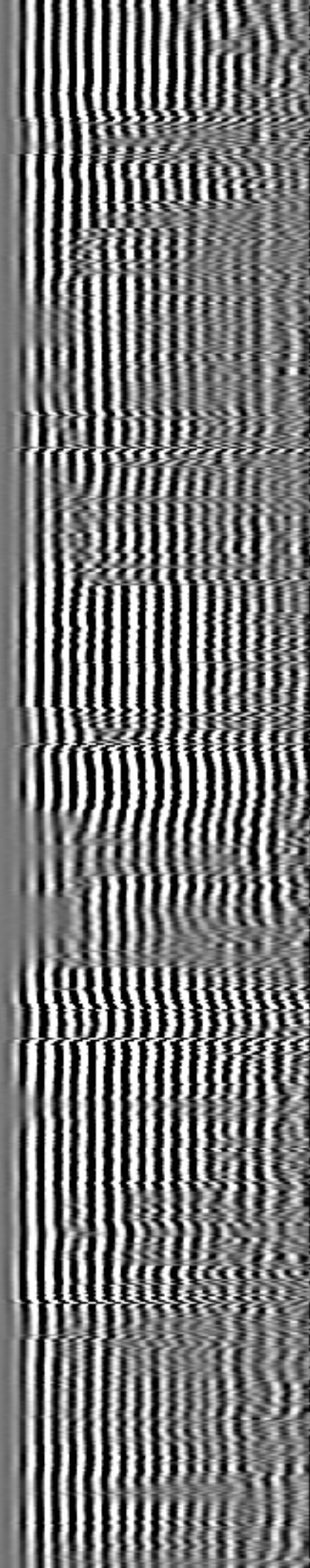
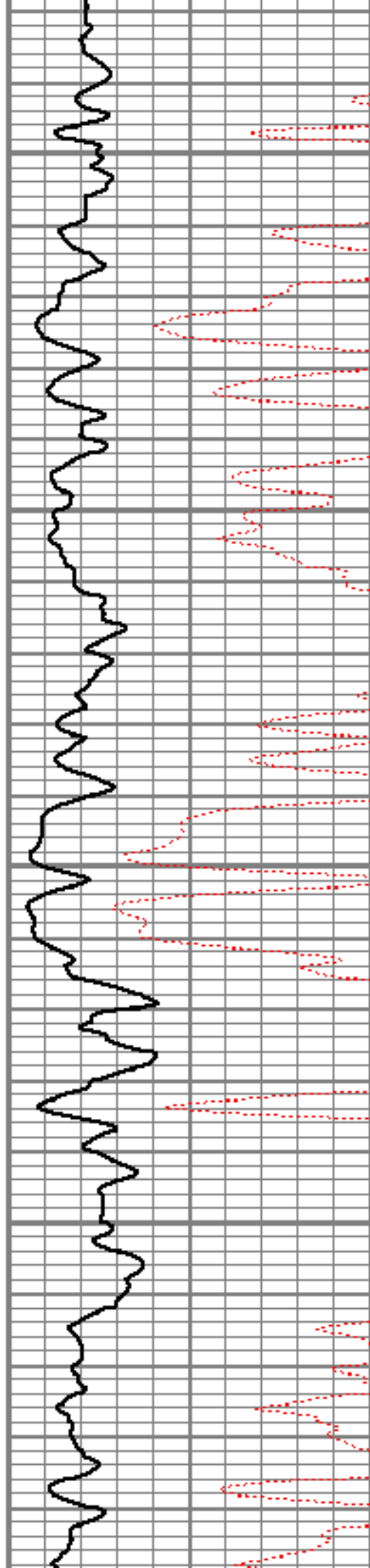


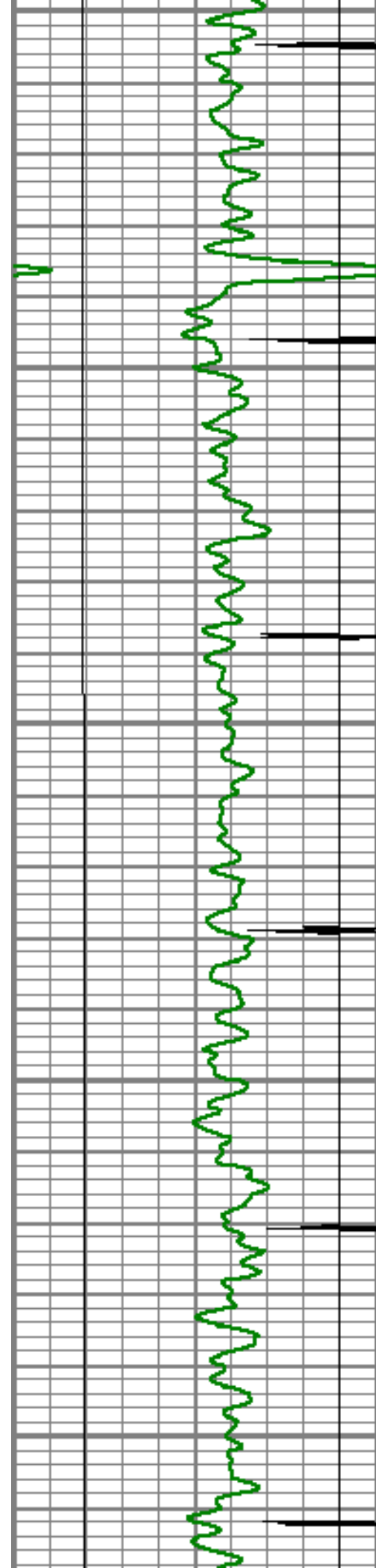
5250

5300

5350

5400





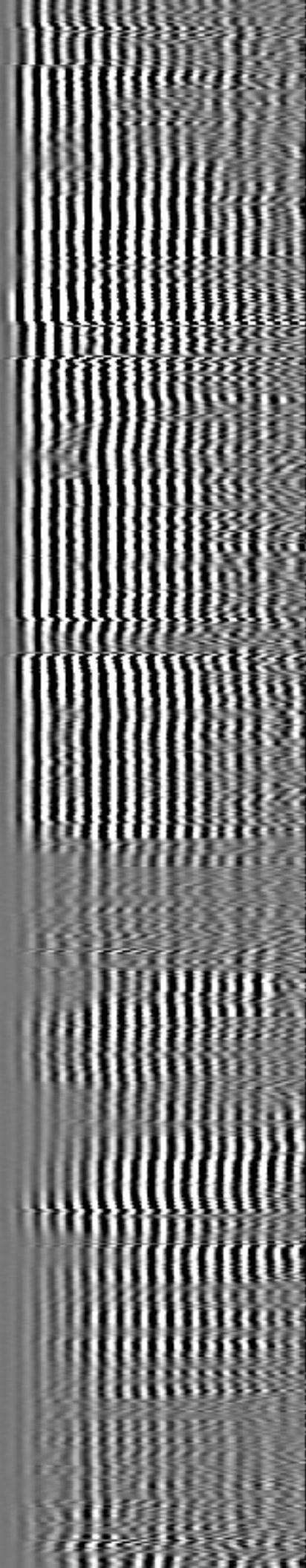
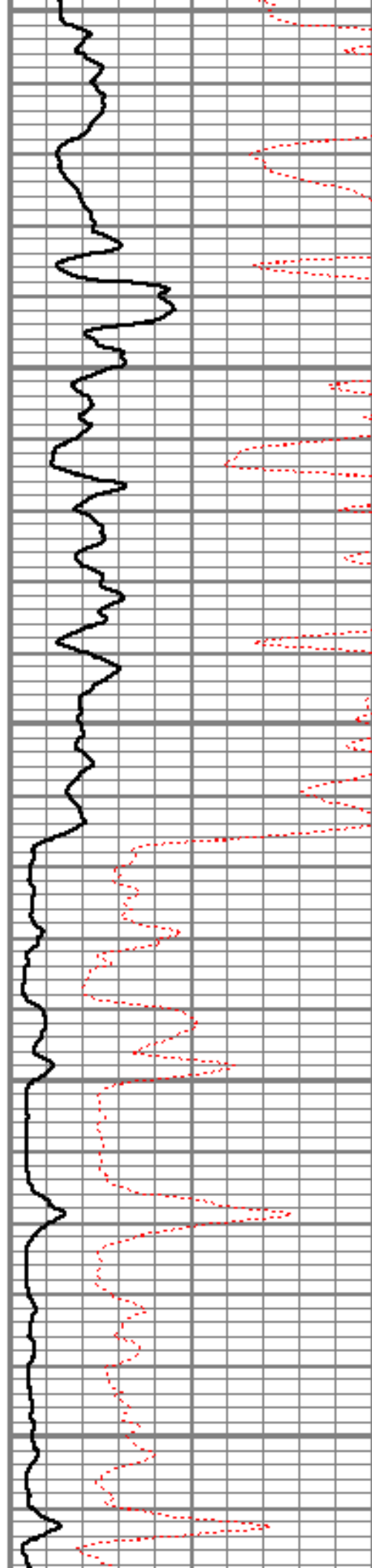
5450

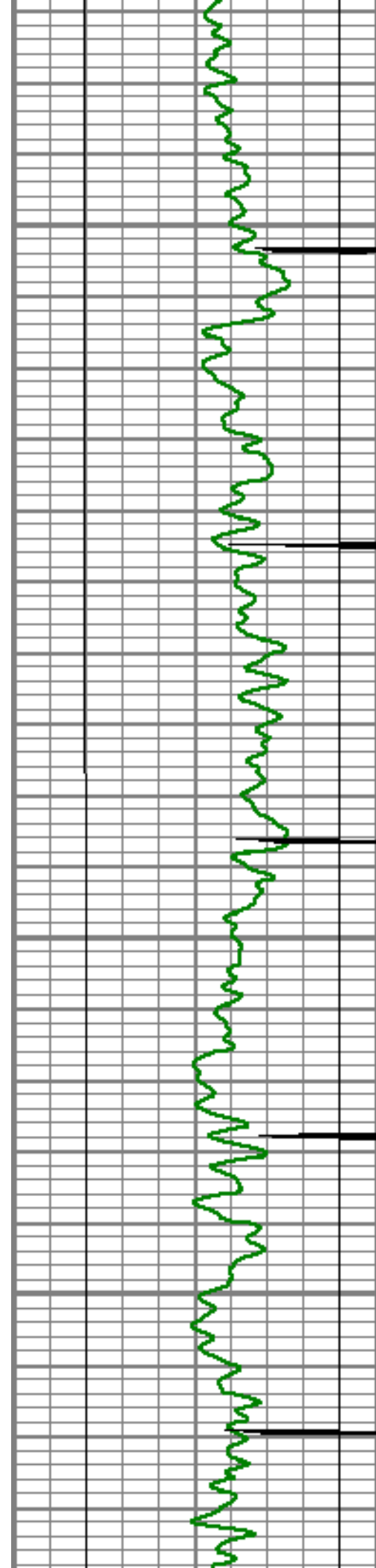
5500

5550

5600

5650



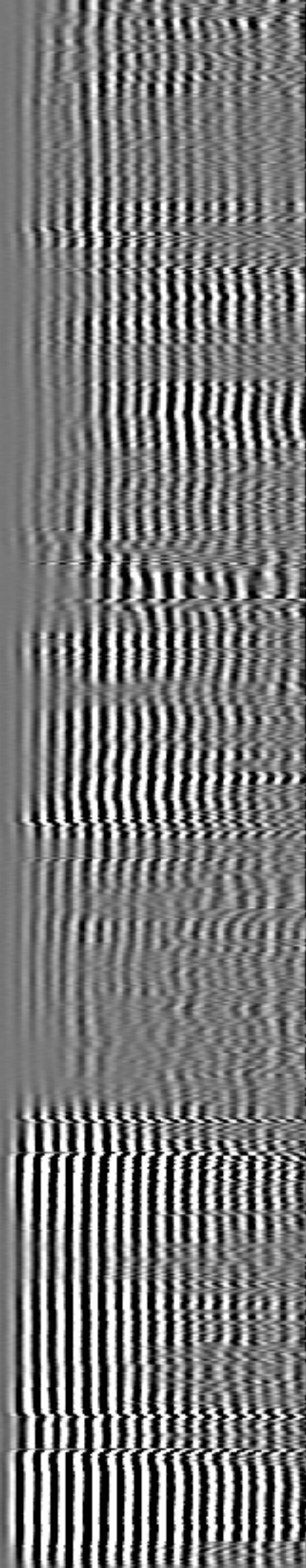
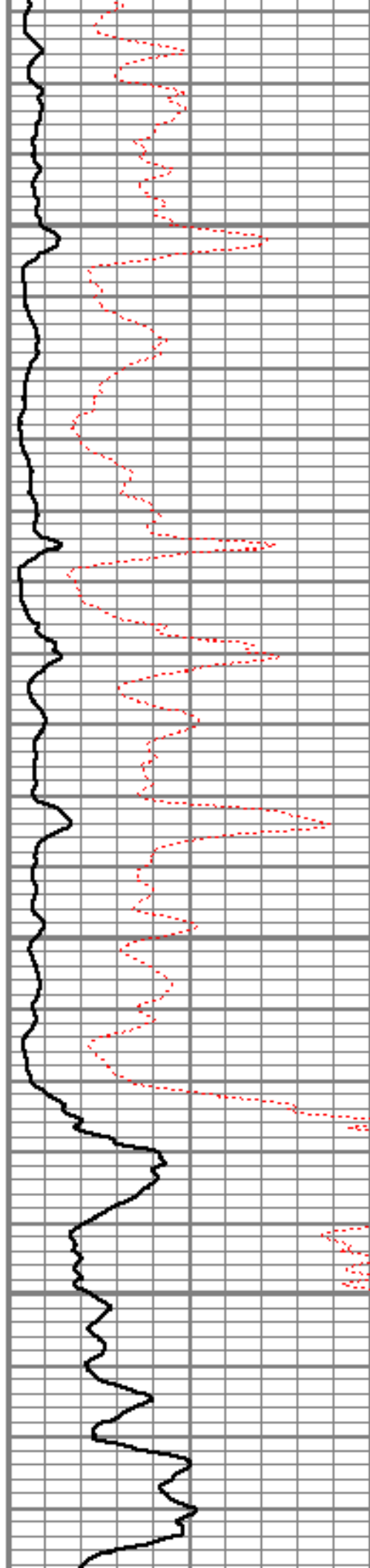


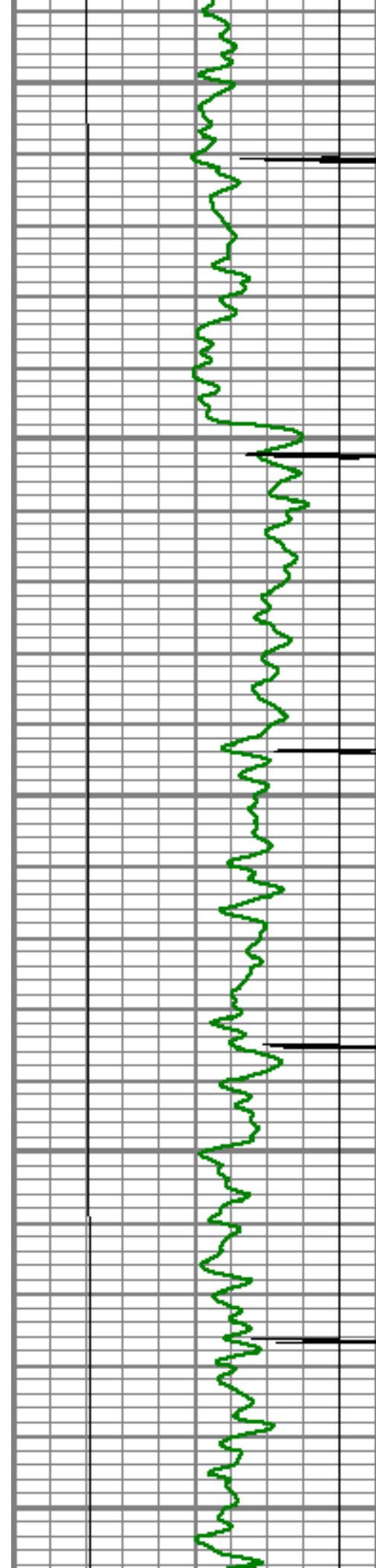
5700

5750

5800

5850





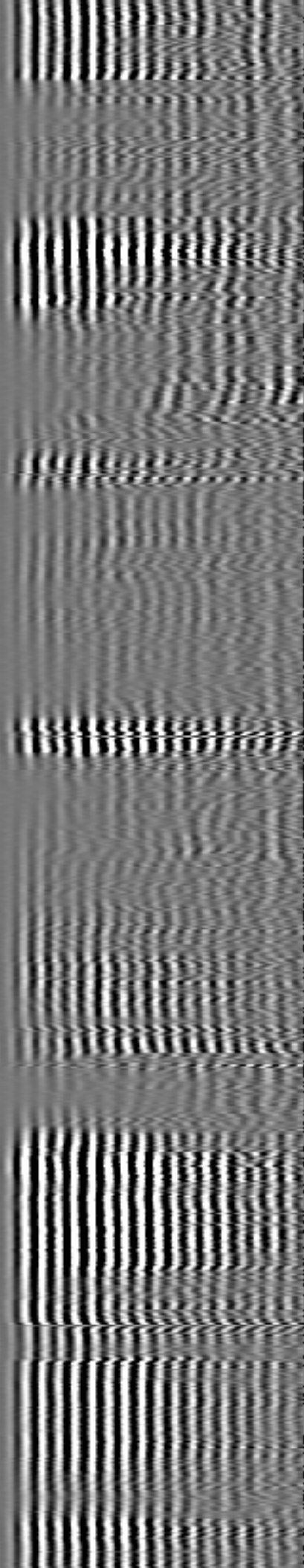
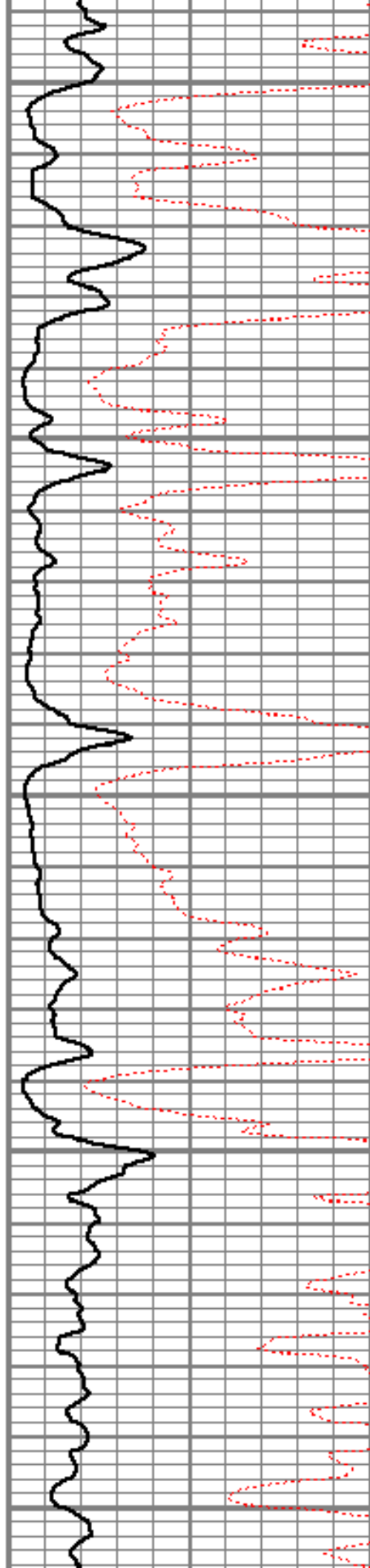
5900

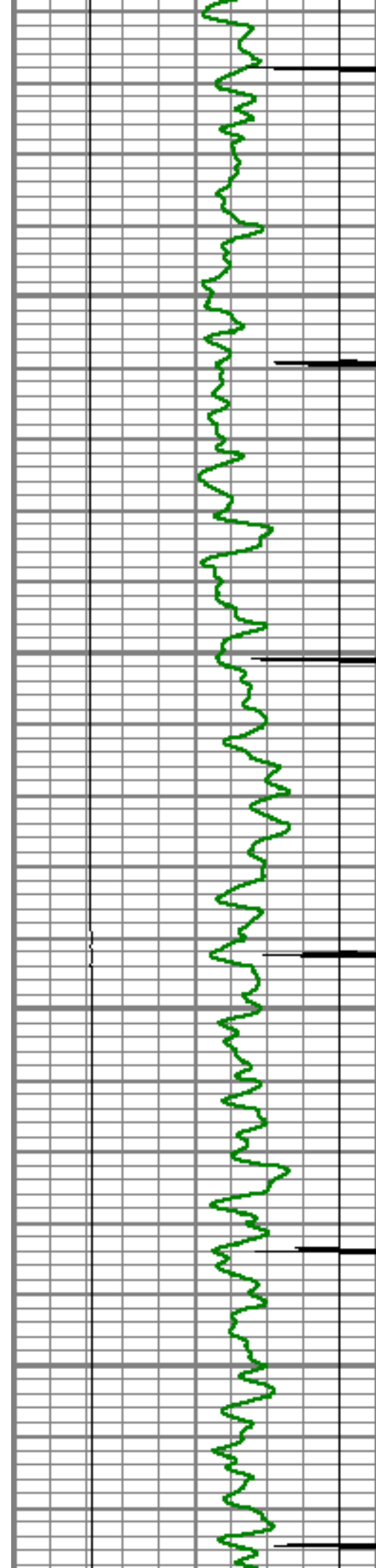
5950

6000

6050

6100



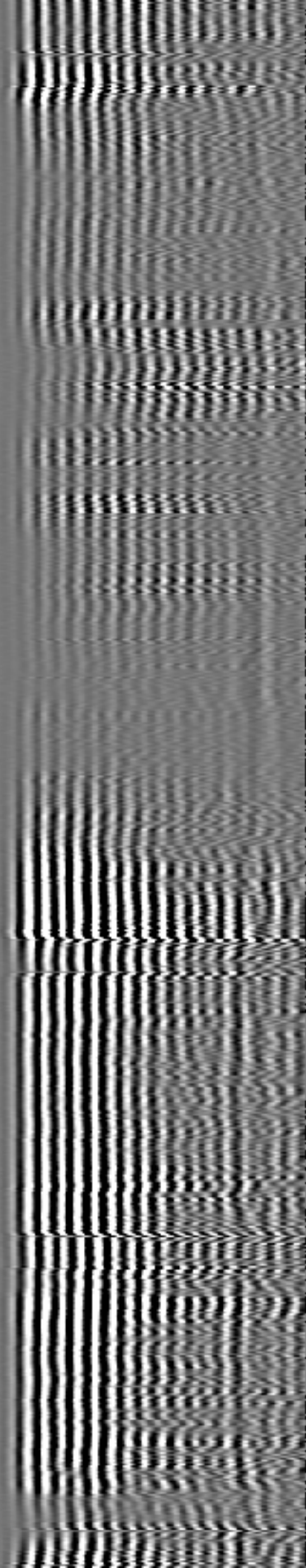
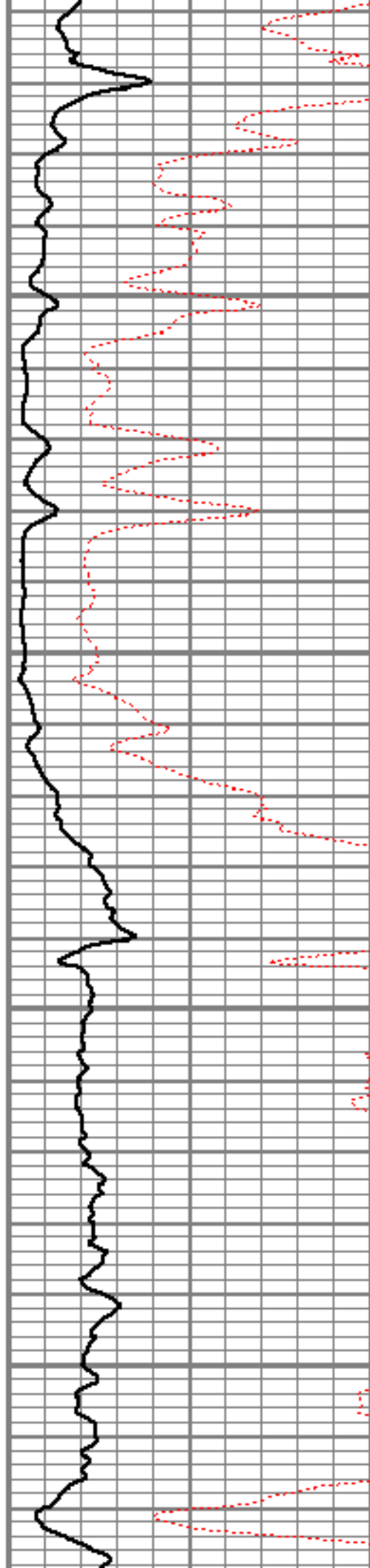


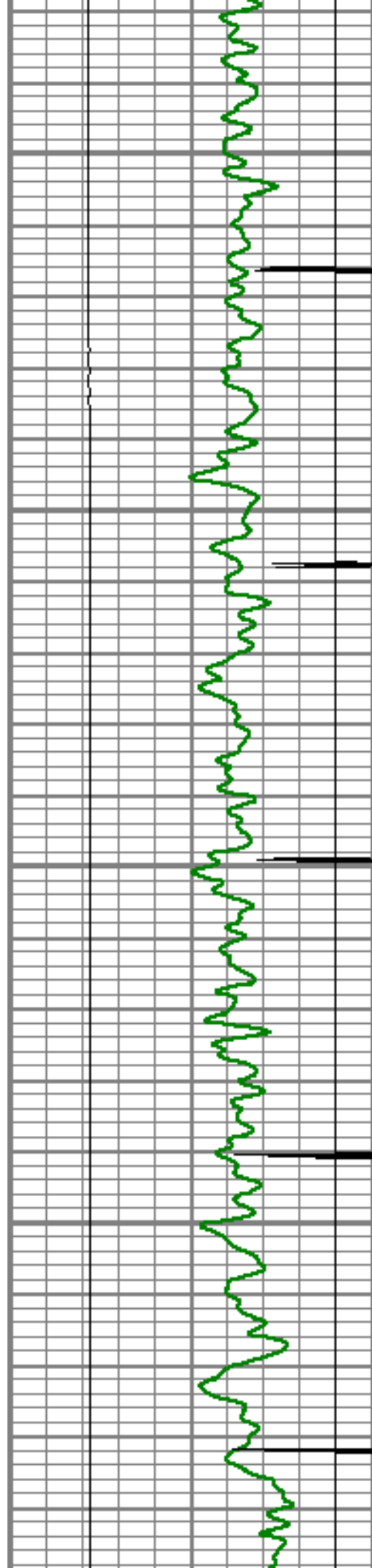
6150

6200

6250

6300



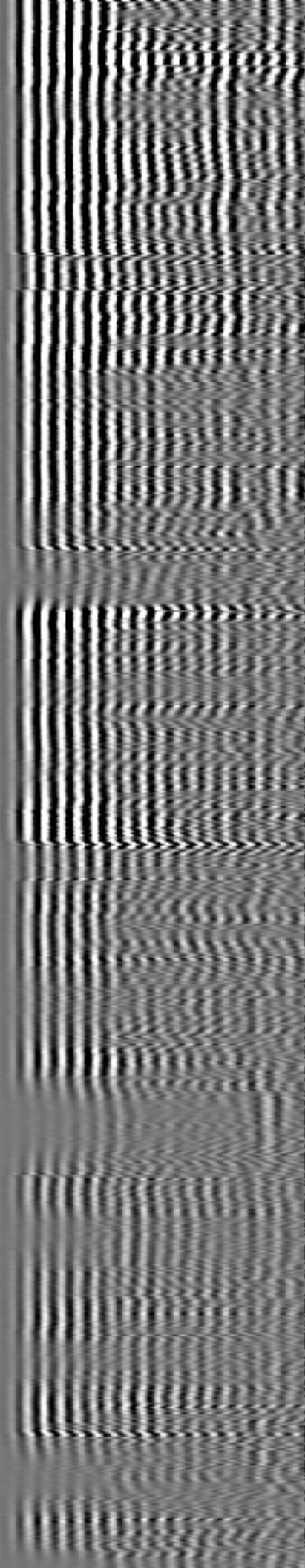
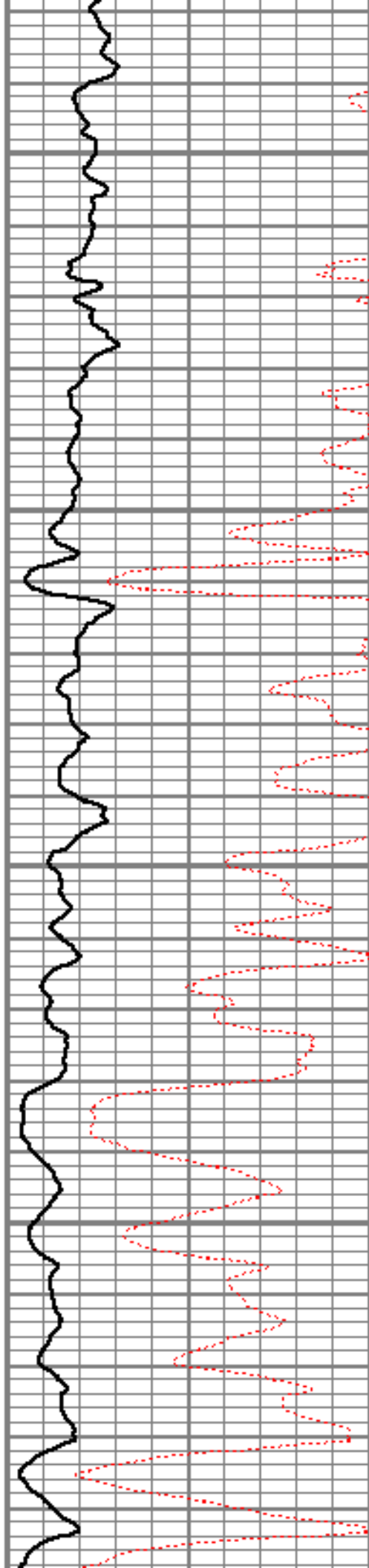


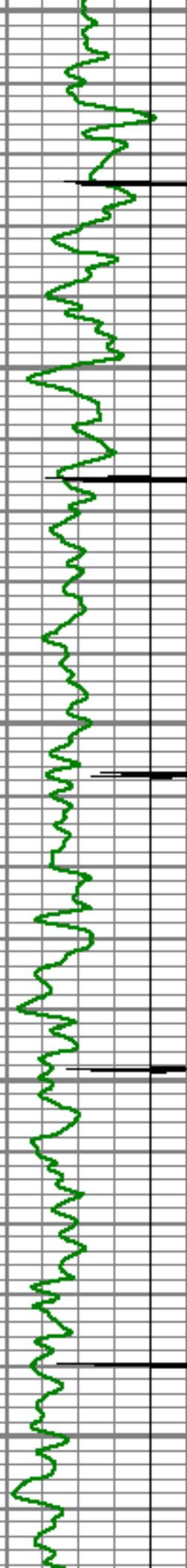
6350

6400

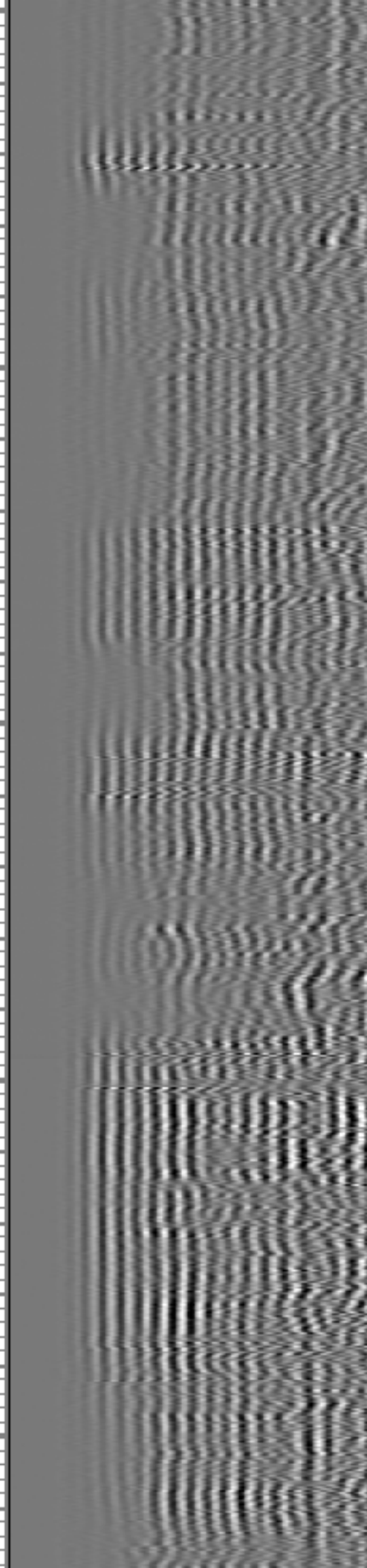
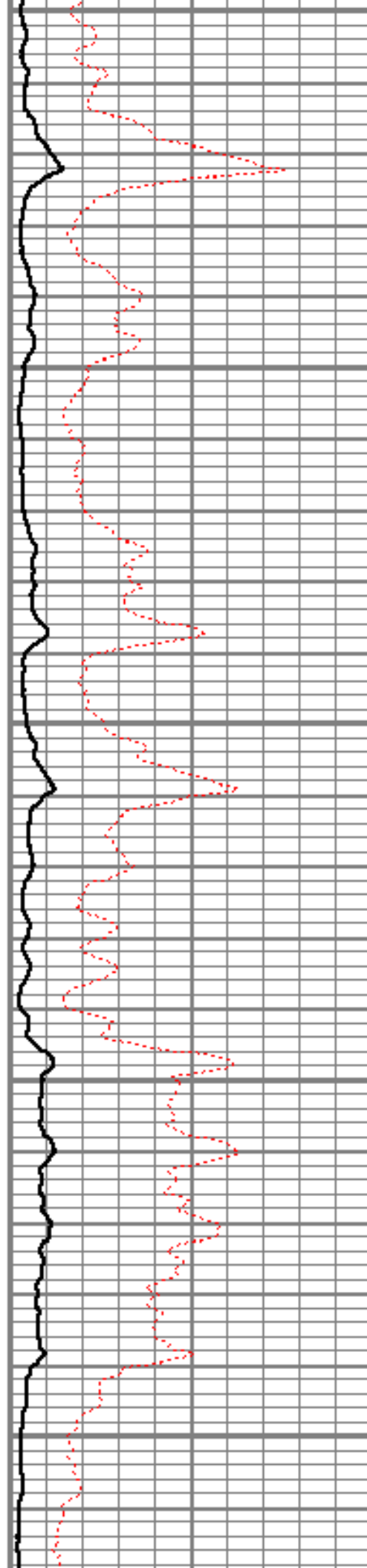
6450

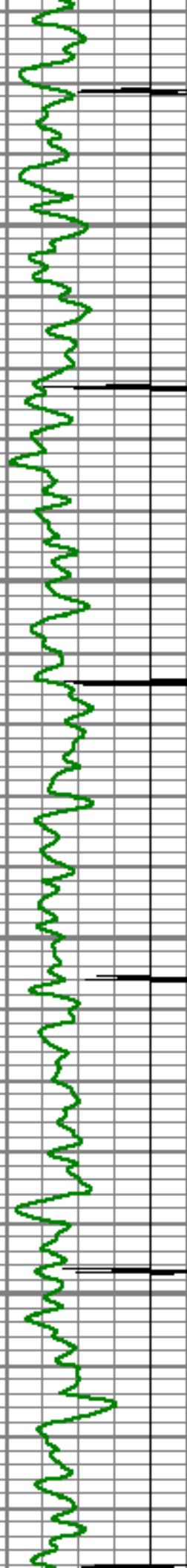
6500





6550
6600
6650
6700
6750



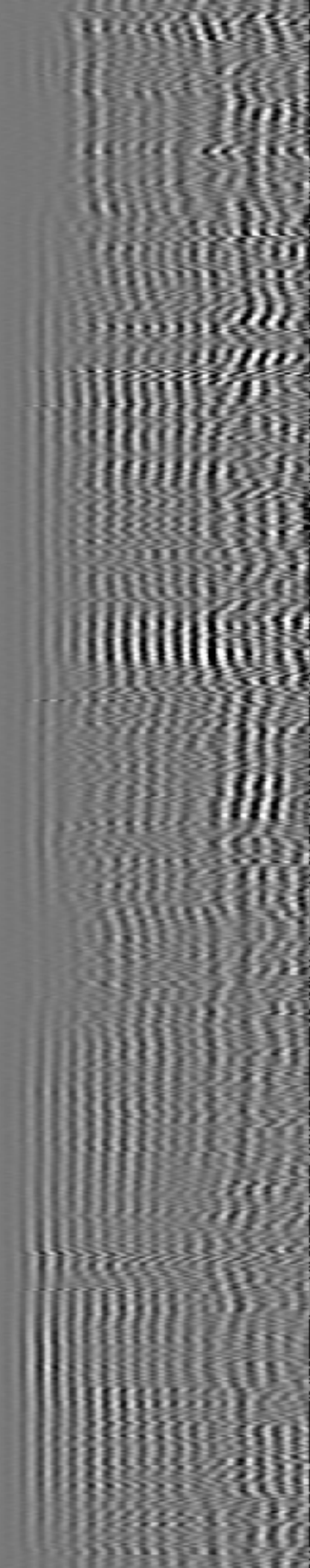
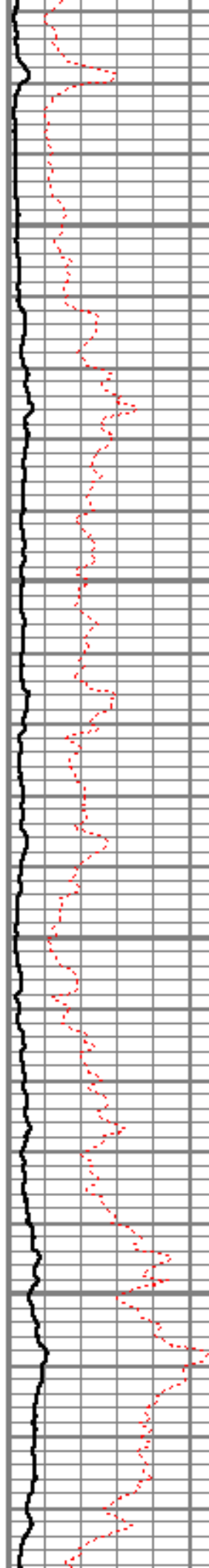


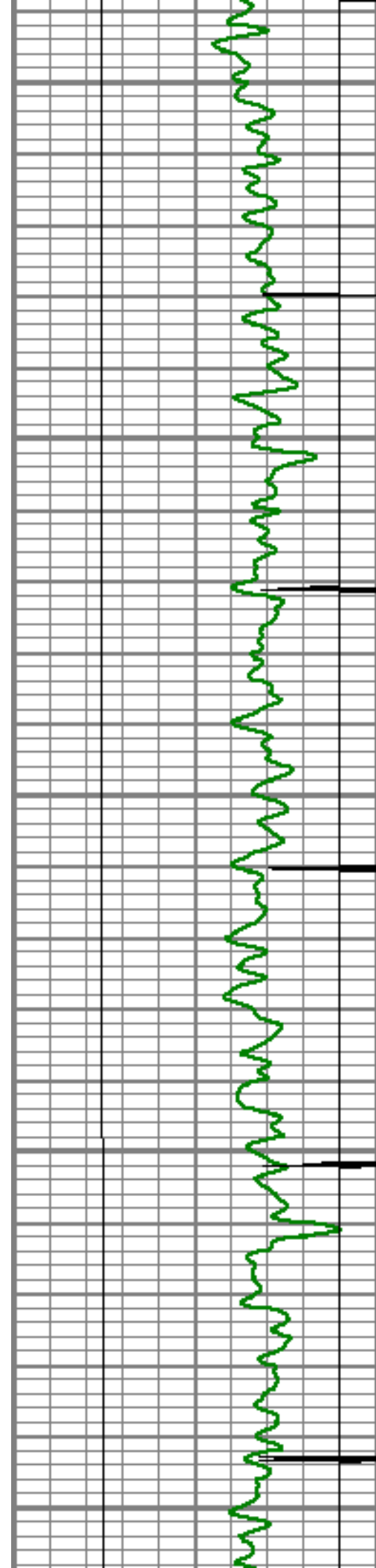
6800

6850

6900

6950





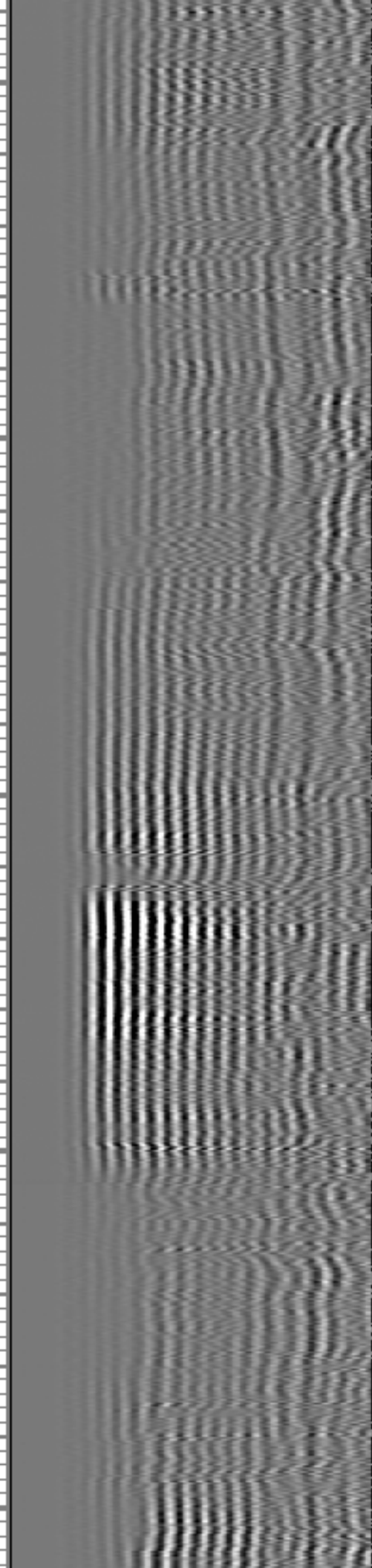
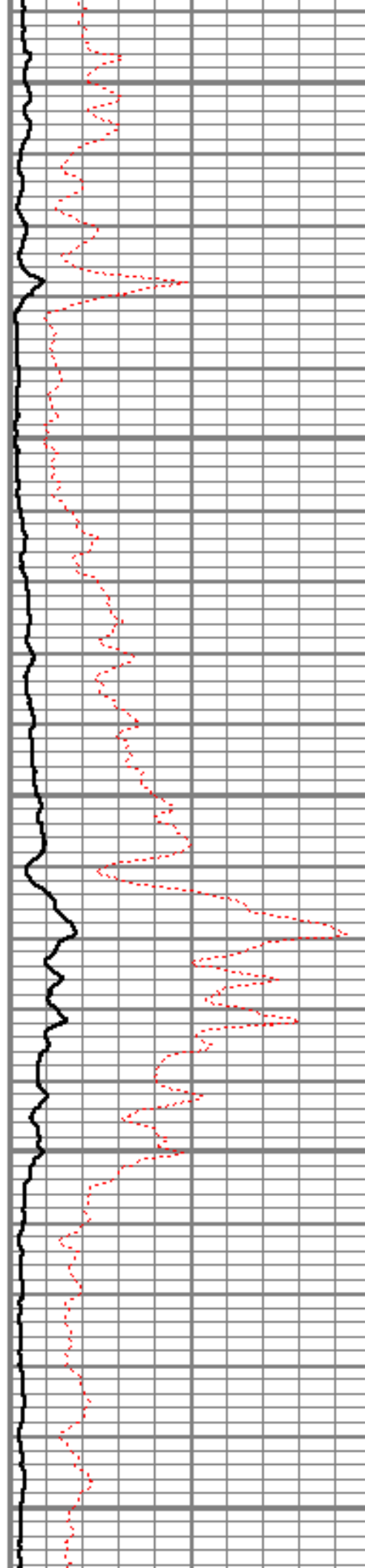
7000

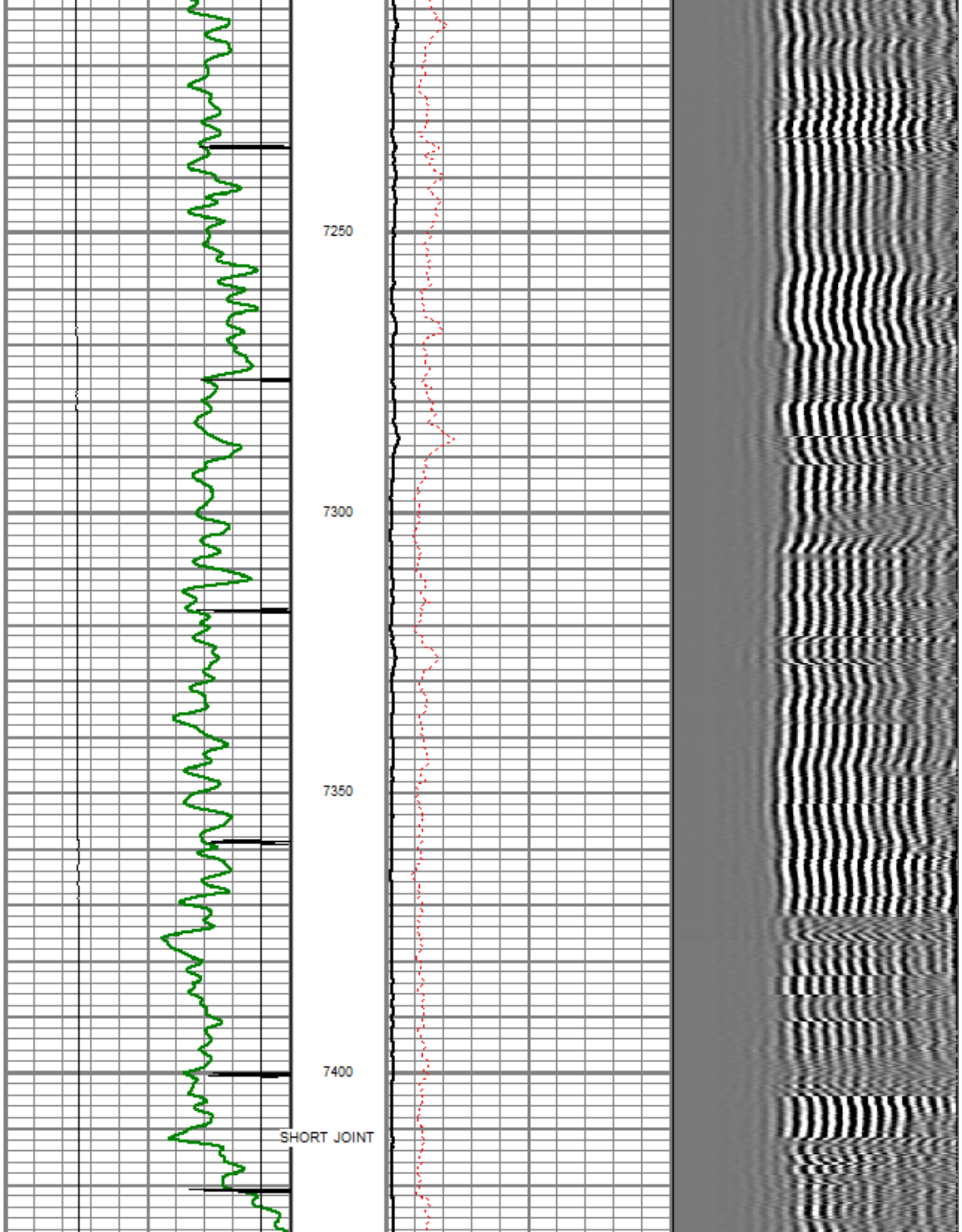
7050

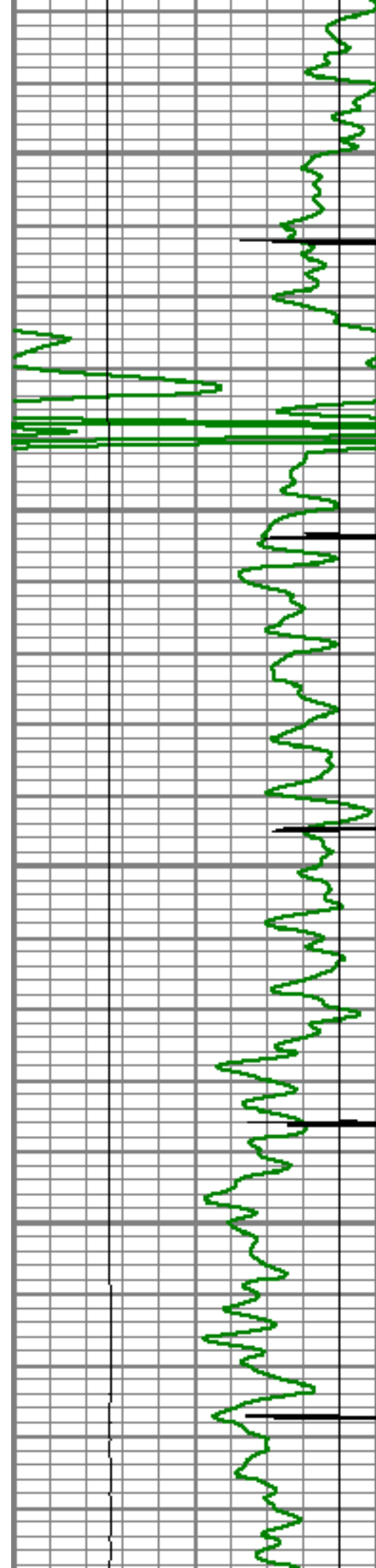
7100

7150

7200





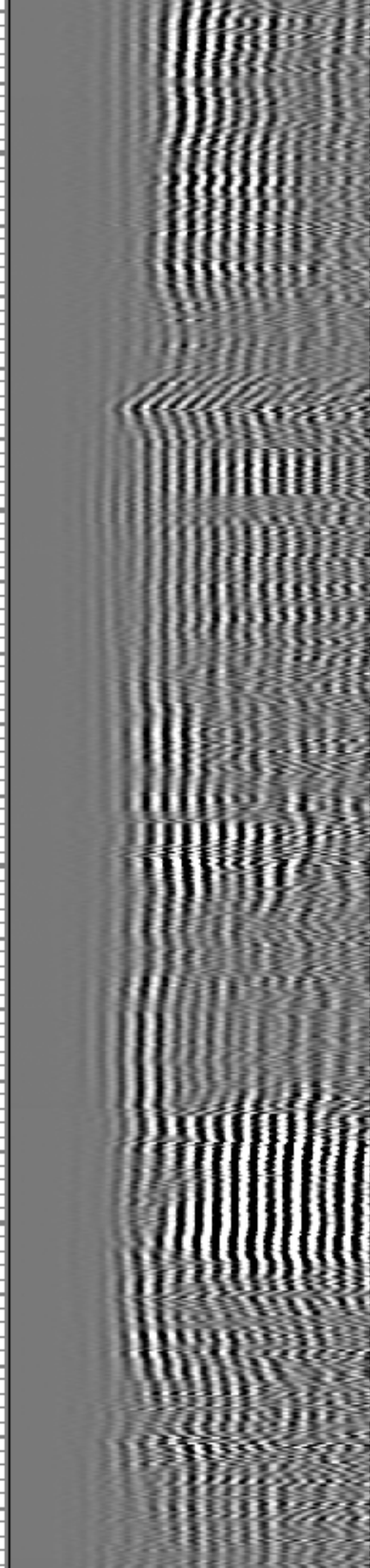
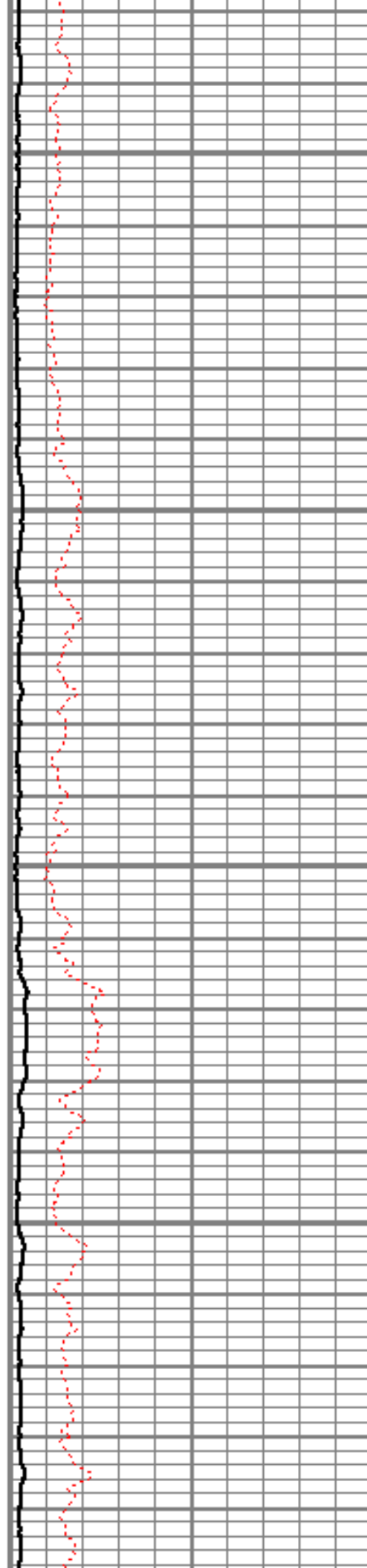


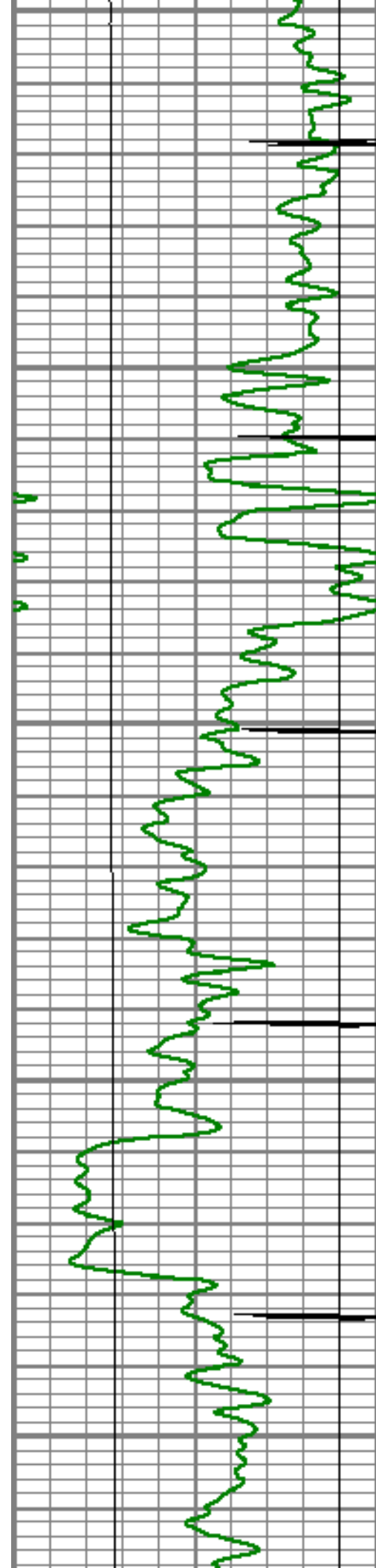
7450

7500

7550

7600





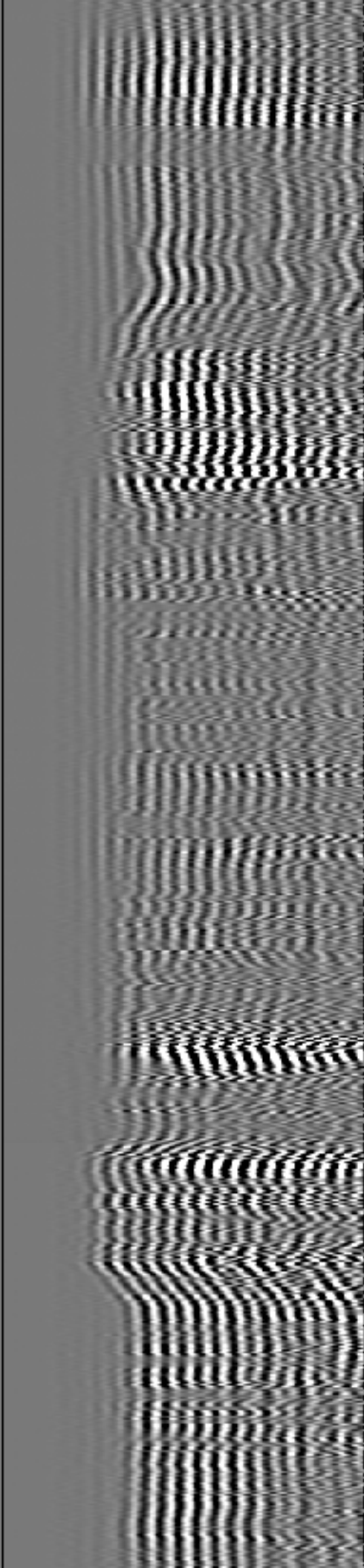
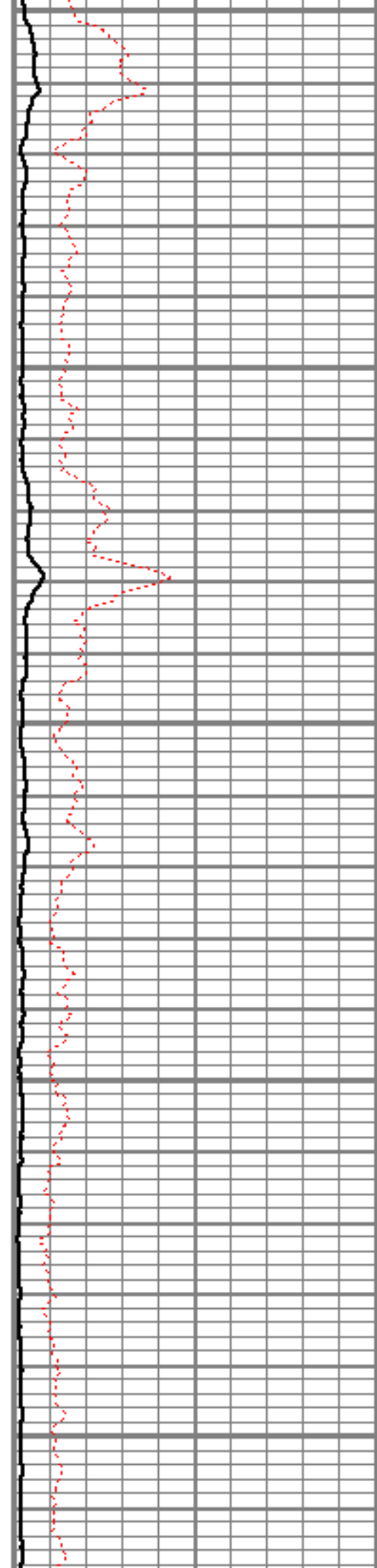
7850

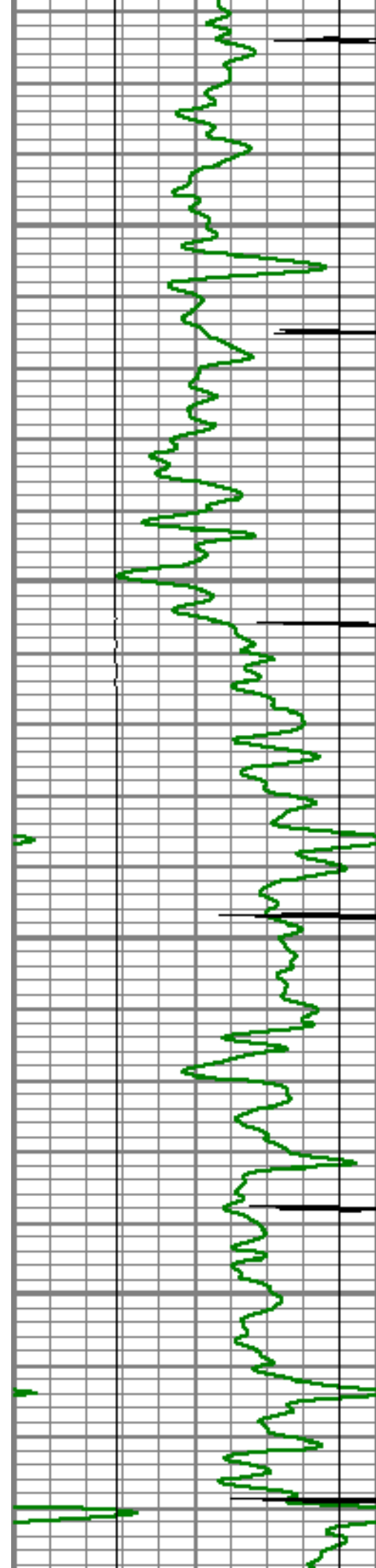
7700

7750

7800

7850



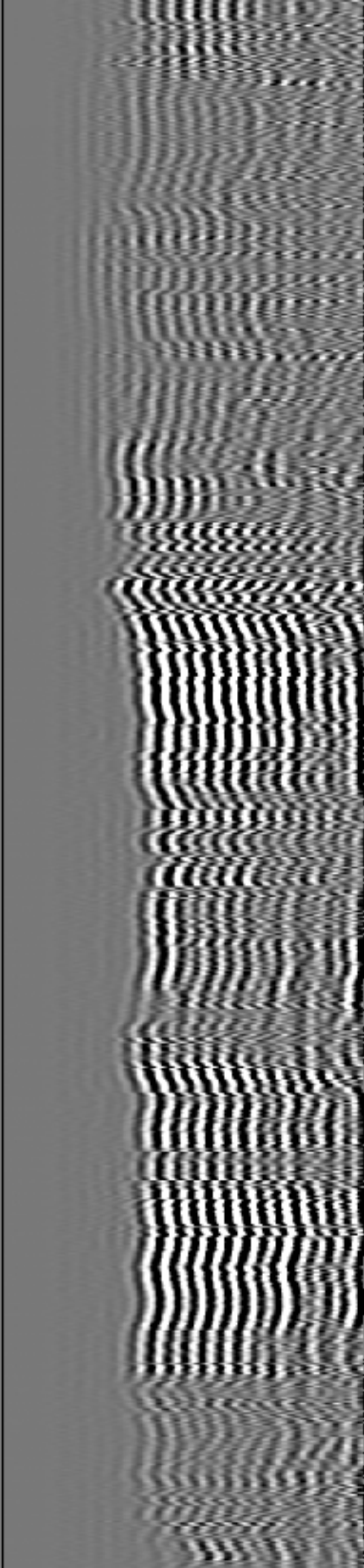
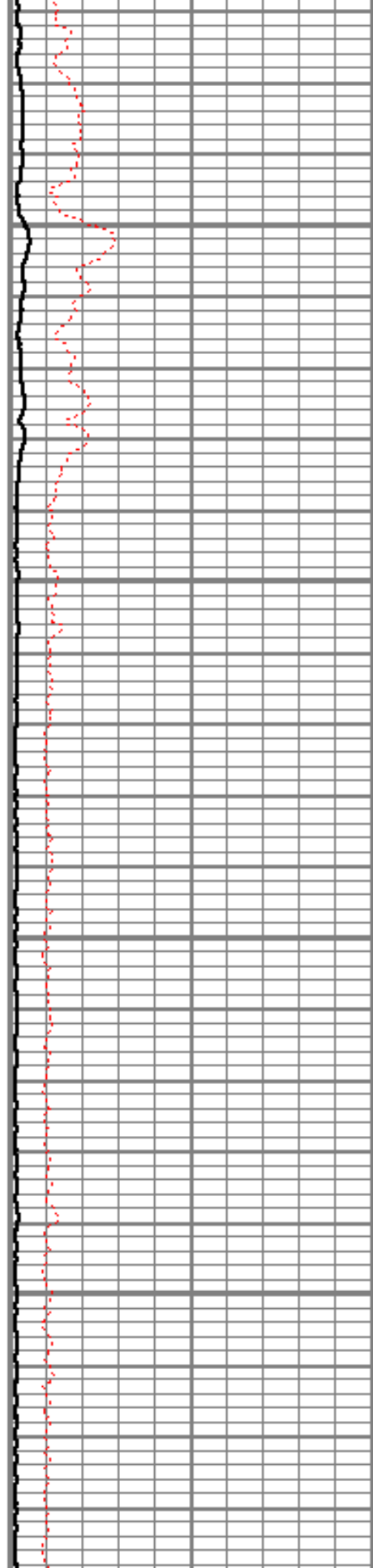


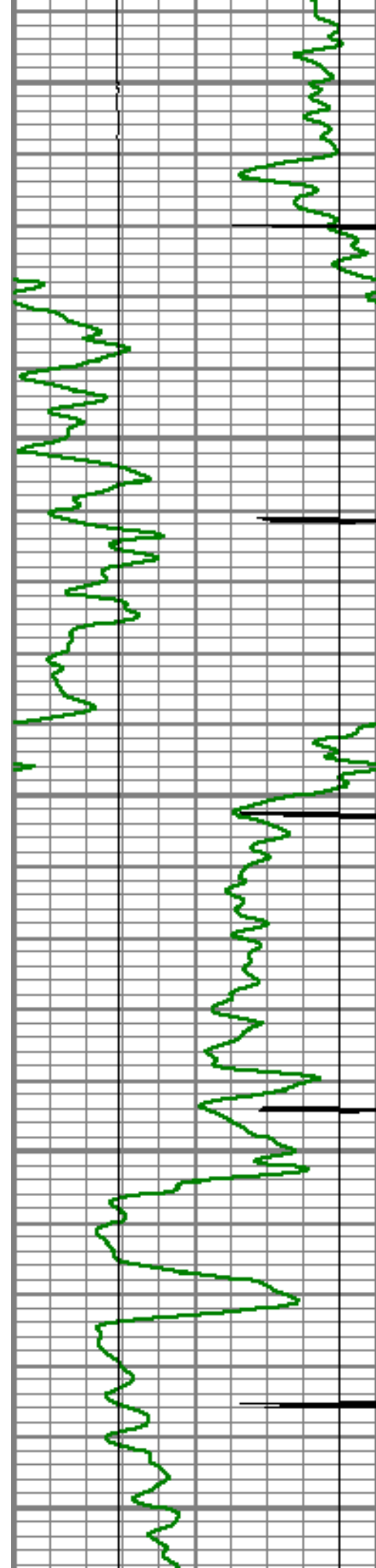
7900

7950

8000

8050





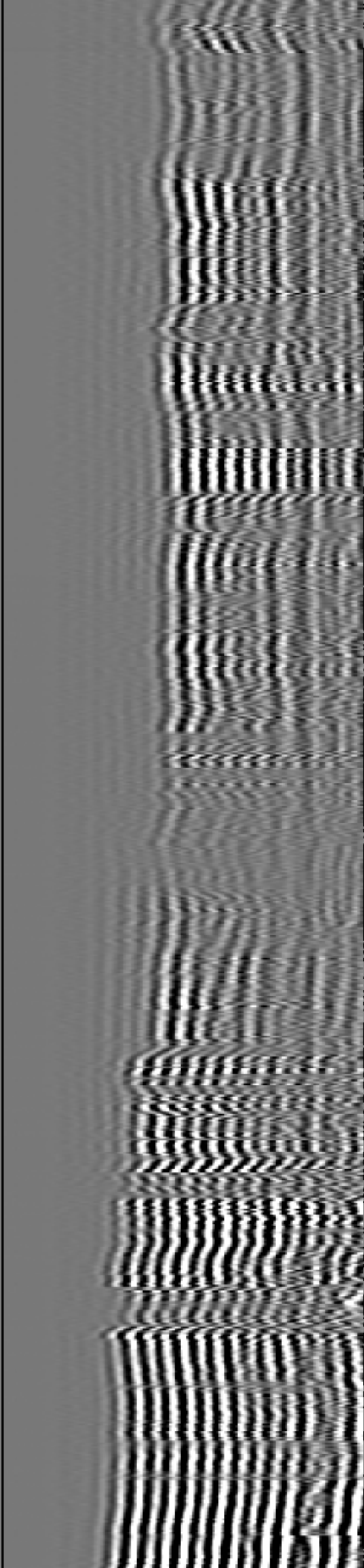
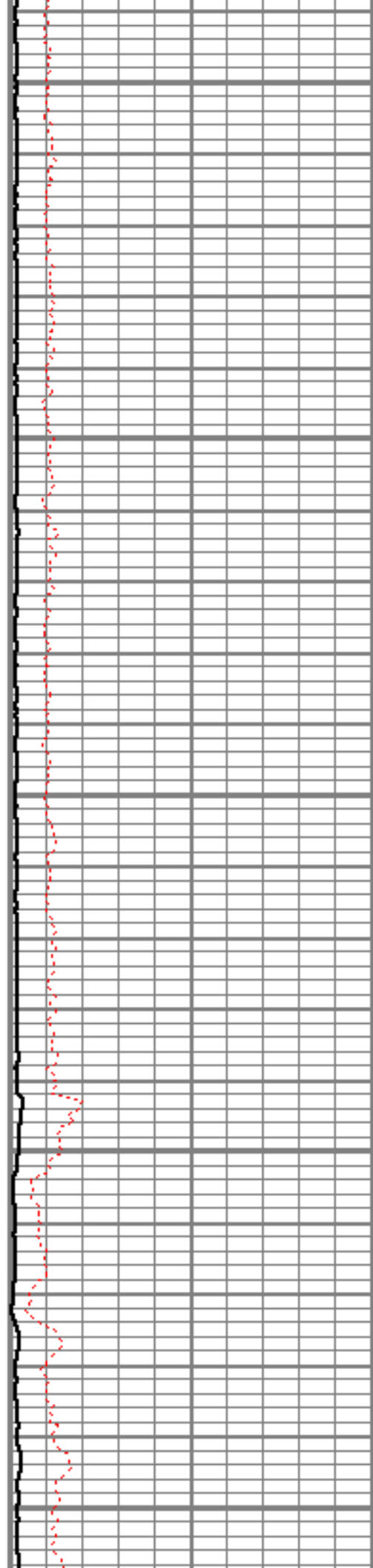
8100

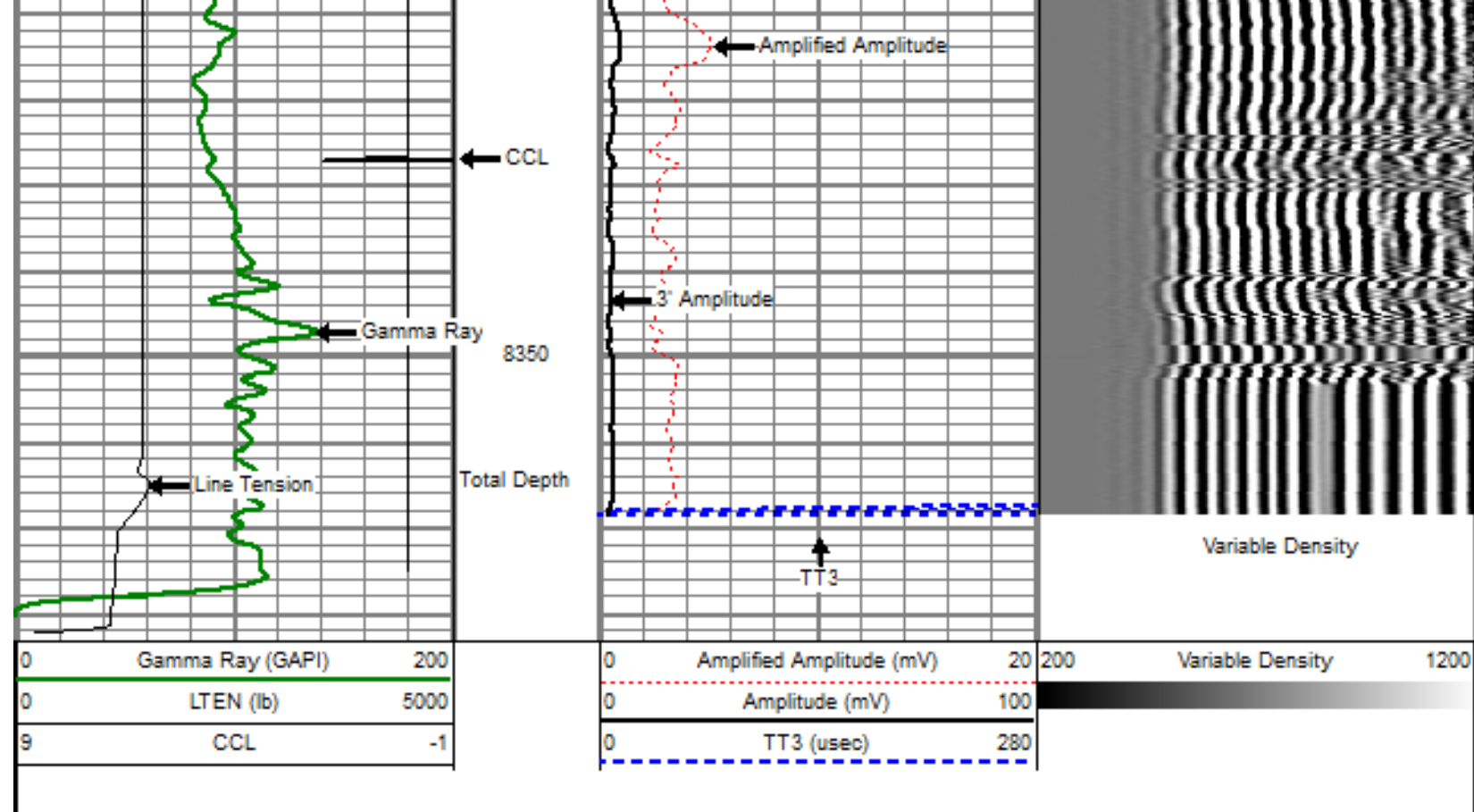
8150

8200

8250

8300





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_GRCCL (PRB_GRCCL_275_01) Probe 2.75" 4 Channel Pulse	4.54	2.75	30.00
GR	3.77					
			TEMP-Comprobe (TEMP_CMPRB_1375_01) Positive pulse Temp tool	2.88	1.38	15.00
TEMP	0.17					
Dataset: bearden 2-4-8.db: field/well/run1/pass16OH Total Length: 22.98 ft Total Weight: 126.50 lb O.D. 2.75 in						



Company ENCANA OIL & GAS (USA) INC.
 Well BEARDEN
 Field WATTENBERG
 County WELD
 State COLORADO