

CEMENT BOND LOG



Company		ENCANA OIL & GAS (USA)	
Well		ANDERSON 6-4-32	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Company		ENCANA OIL & GAS (USA)	
Well		ANDERSON 6-4-32	
Field		WATTENBERG	
County		WELD	
State		COLORADO	
Location:		API # : 05-123-32541-0000	
SHL: 1019' FNL & 1010' FEL		Other Services	
BHL: 2600' FNL & 1400' FEL		NONE	
SEC: 32 TWP: 2N RGE: 68W		Elevation	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING = 13'	
Drilling Measured From		KELLY BUSHING	
K.B. 4983'		D.F. 4982'	
G.L. 4950'			

Date	7 JUNE 2012									
Run Number	ONE									
Depth Driller	8385'									
Depth Logger	8358'									
Bottom Logged Interval	8358'									
Top Log Interval	4000'									
Open Hole Size	7.875"									
Type Fluid	WATER									
Density / Viscosity	~8.34 LBS/GAL									
Max. Recorded Temp.	251 DegF									
Estimated Cement Top	SEE LOG									
Time Well Ready	N/A									
Time Logger on Bottom	N/A									
Equipment Number	10801W									
Location	AULT, CO									
Recorded By	B. MAYNARICH									
Witnessed By	T. MAJORS									
Borehole Record					Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To			
ONE	12.25"	0	850'	N/A						
TWO	7.875"	0	8385'							
Casing Record	Size	Wgt/Ft	Top	Bottom						
Surface String	8.625"	24#	0	840'						
Prot. String										
Production String	4.5"	11.6#	0	8371'						
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

NO OTHER LOGS AVAILABLE TO CORRELATE TO.
SHORT JOINT: 7434' - 7455'

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



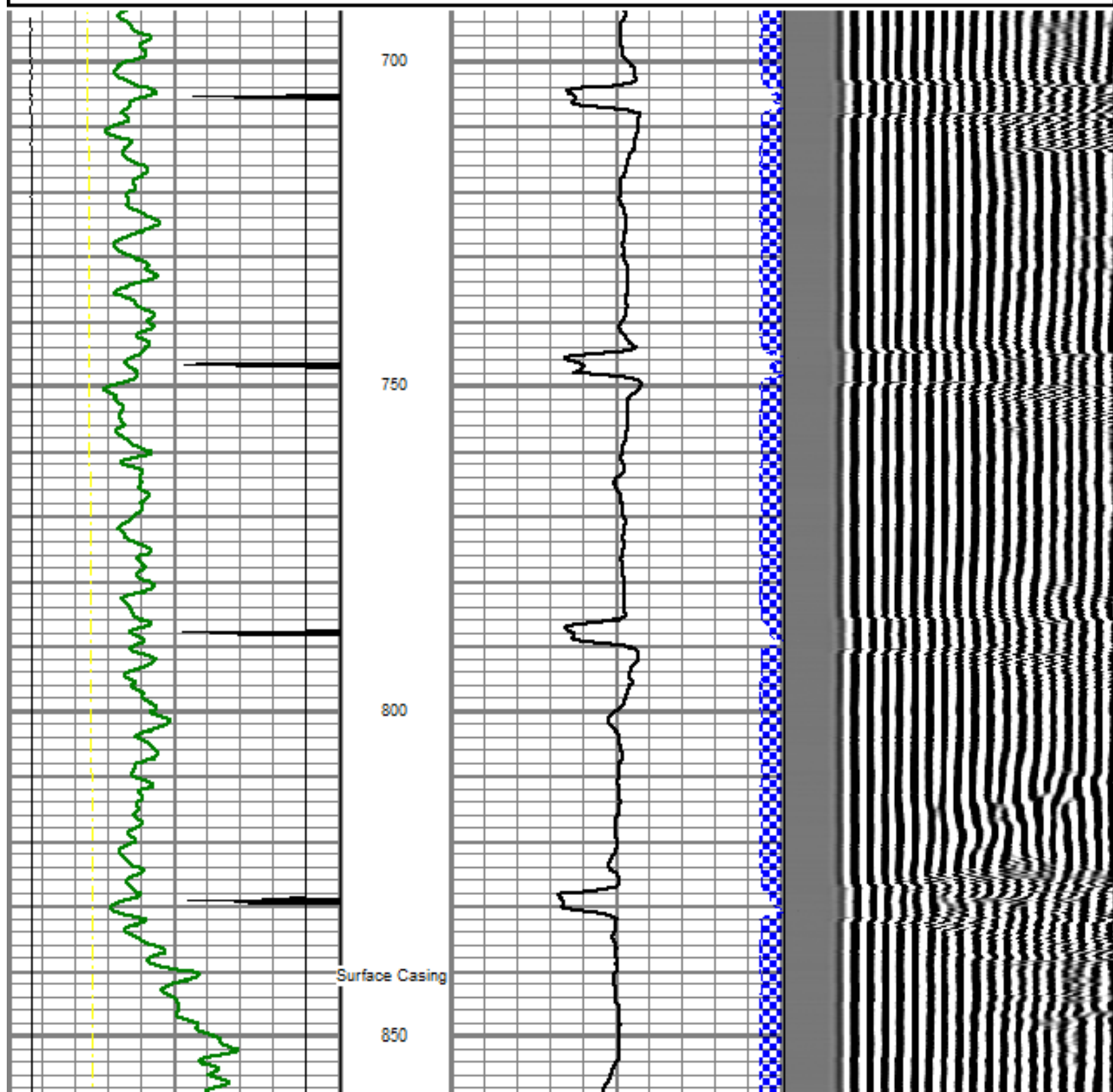
SURFACE CASING PASS

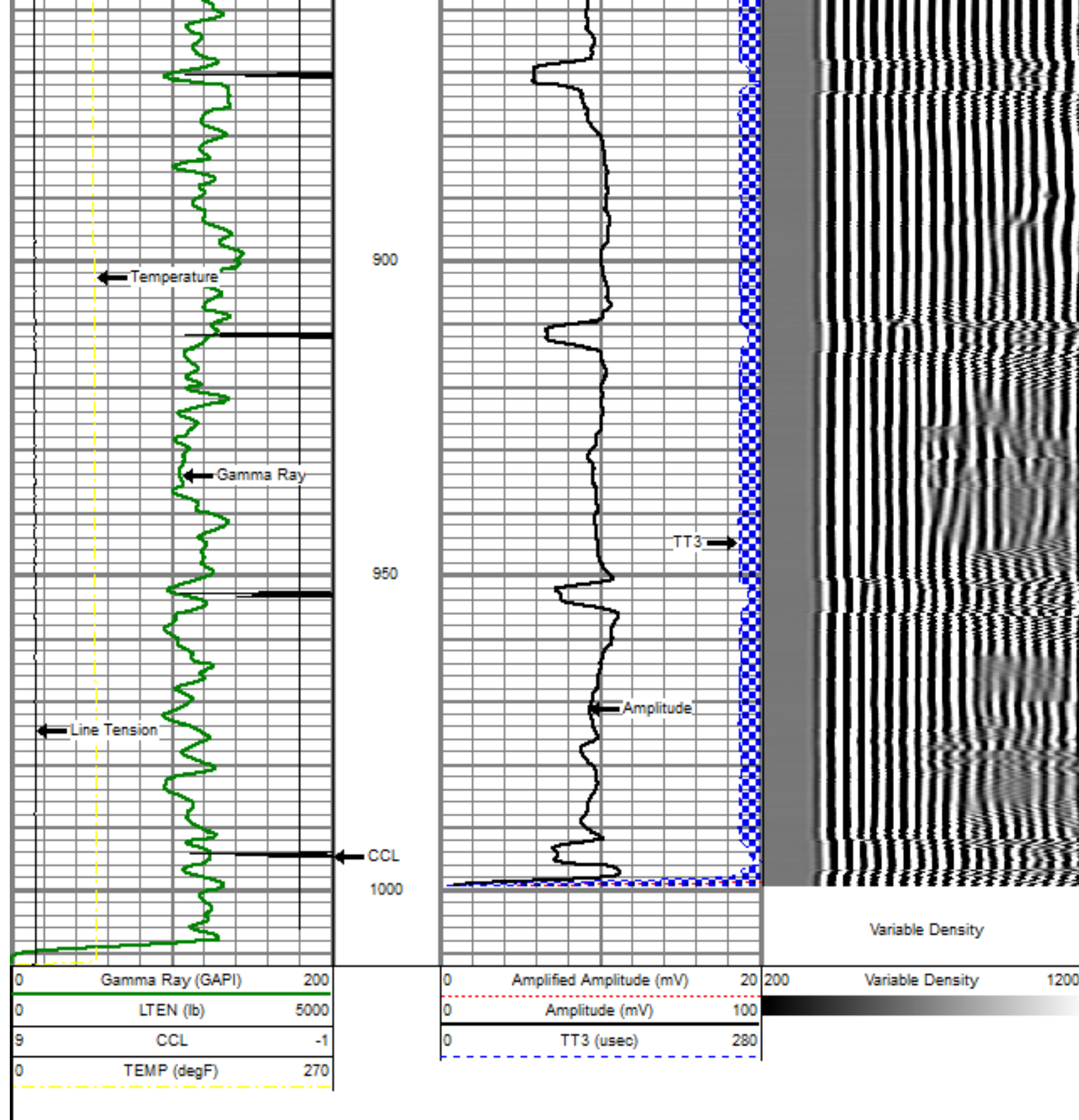
Database File: anderson6-4-32.db
Dataset Pathname: pass9
Presentation Format: dobl_prb
Dataset Creation: Thu Jun 07 14:53:17 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1
0	TEMP (degF)	270

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

200 Variable Density 1200





REPEAT PASS

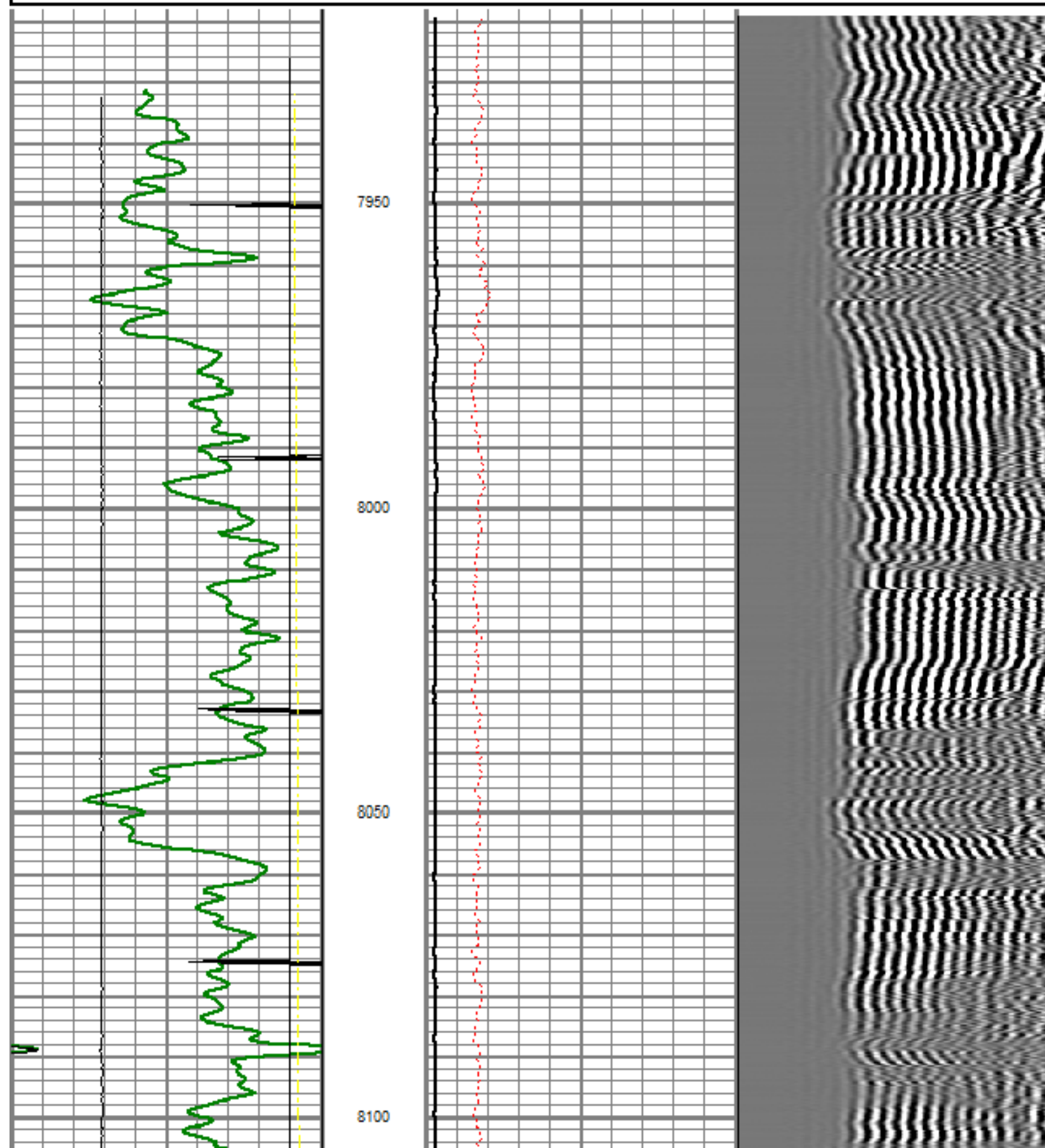
5" = 100'

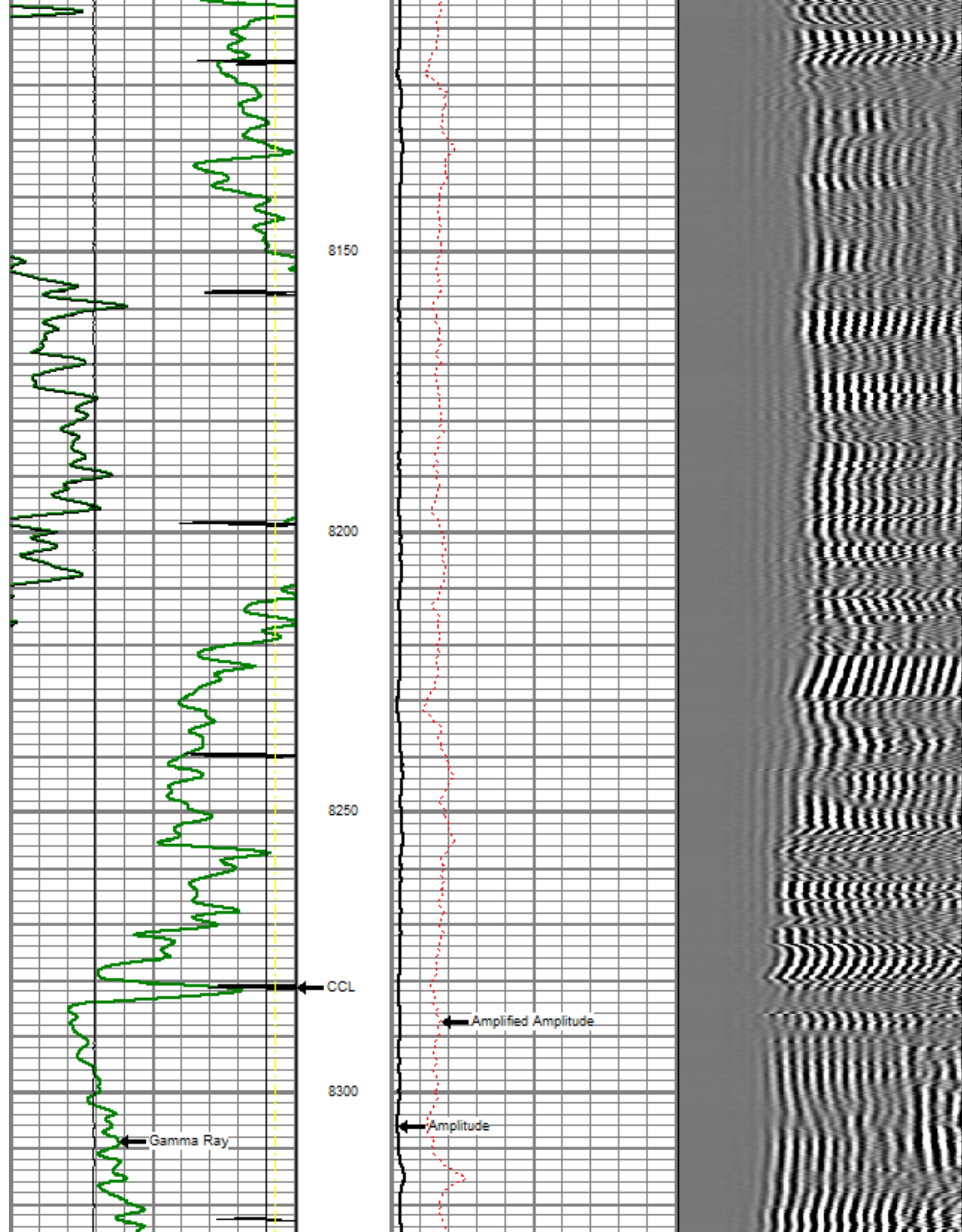
Database File: anderson6-4-32.db
 Dataset Pathname: pass7
 Presentation Format: dobl_prb
 Dataset Creation: Thu Jun 07 13:28:03 2012 by Log Std Casedhole 09081

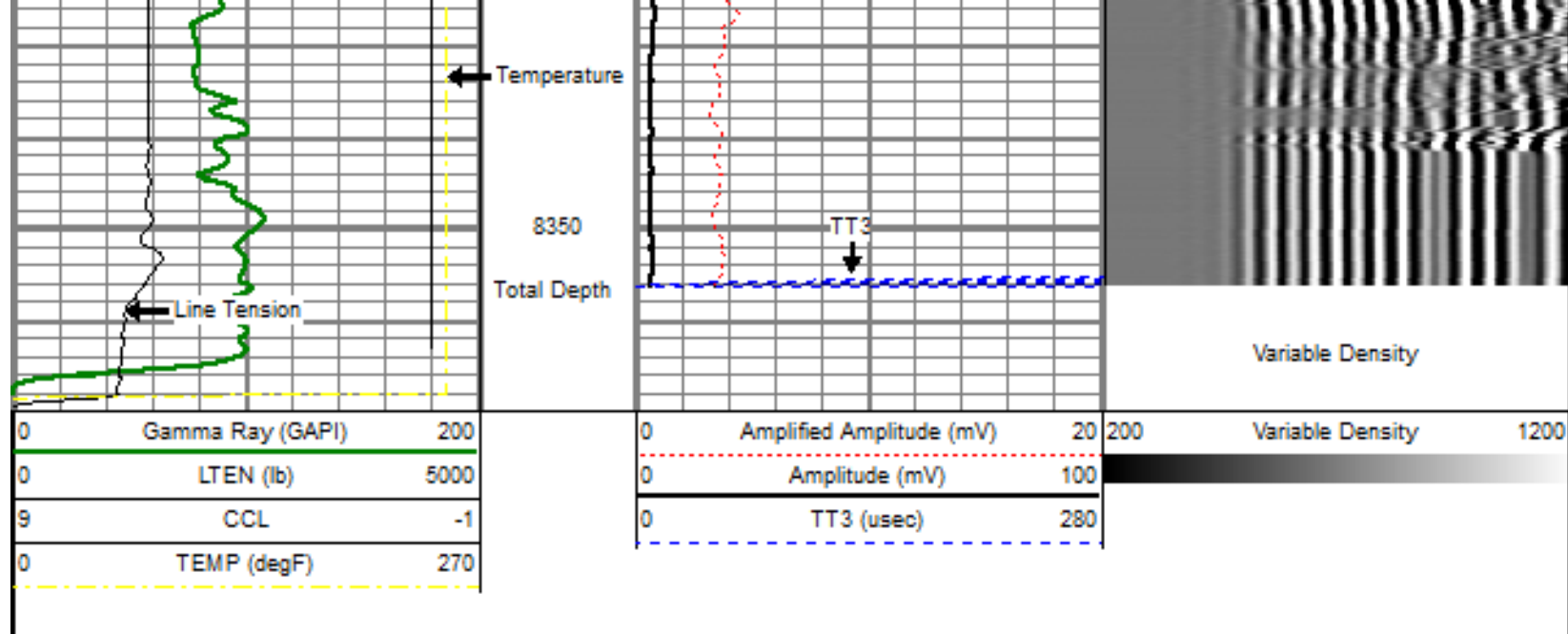
0	Gamma Ray (GAPI)	200
0	LTEN (lb)	5000
9	CCL	-1
0	TEMP (degF)	270

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

200	Variable Density	1200
-----	------------------	------



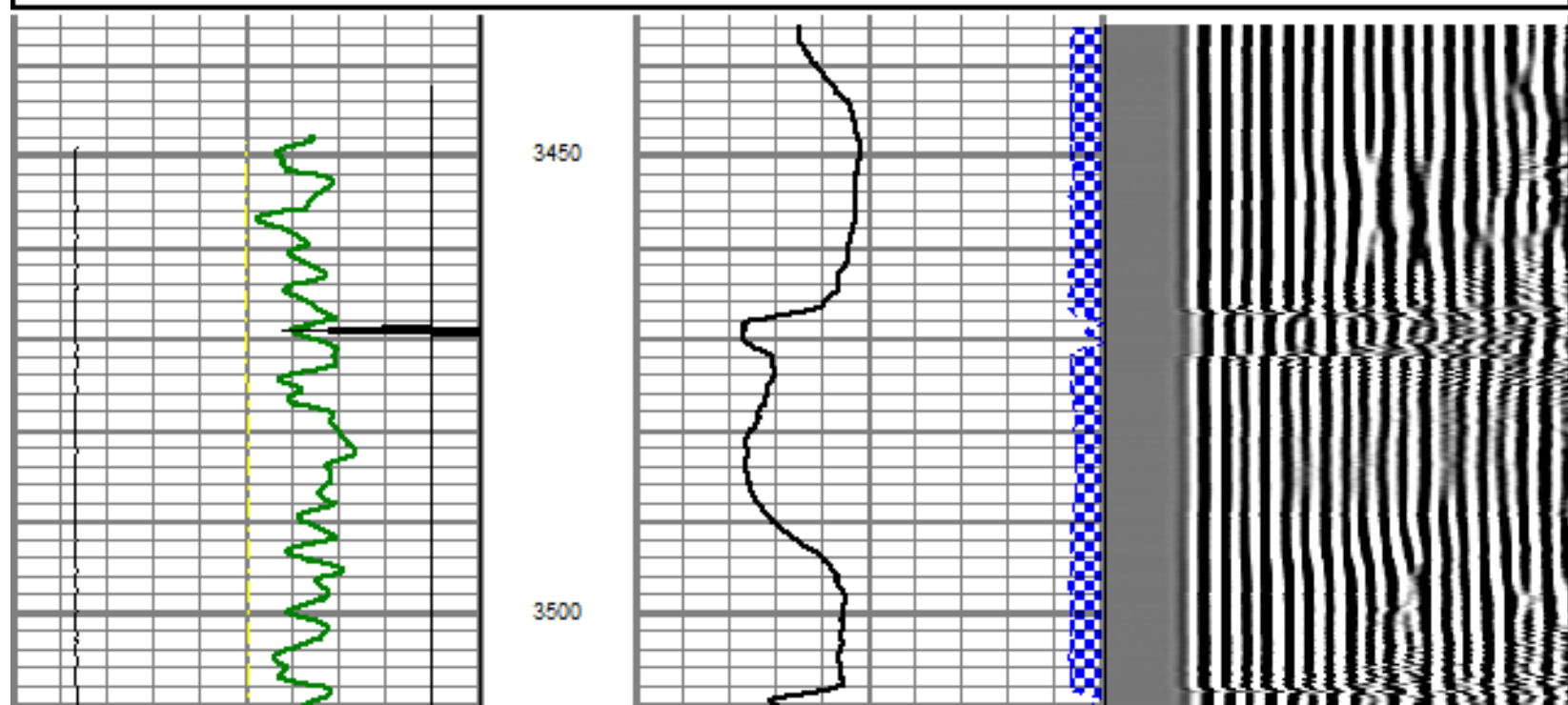
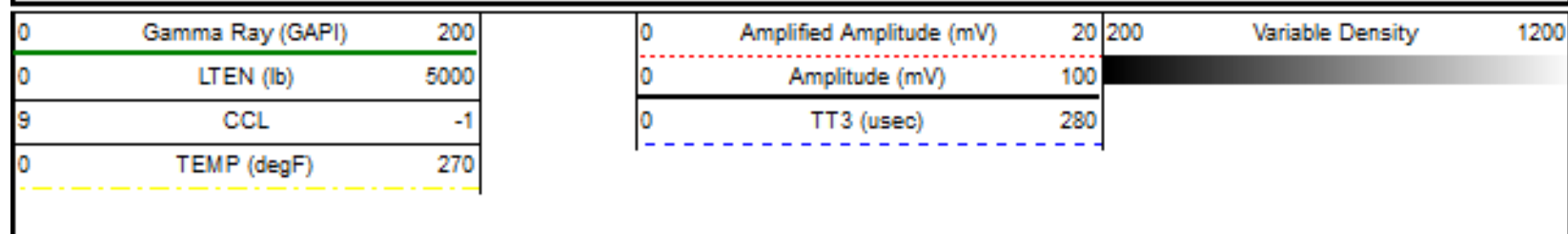


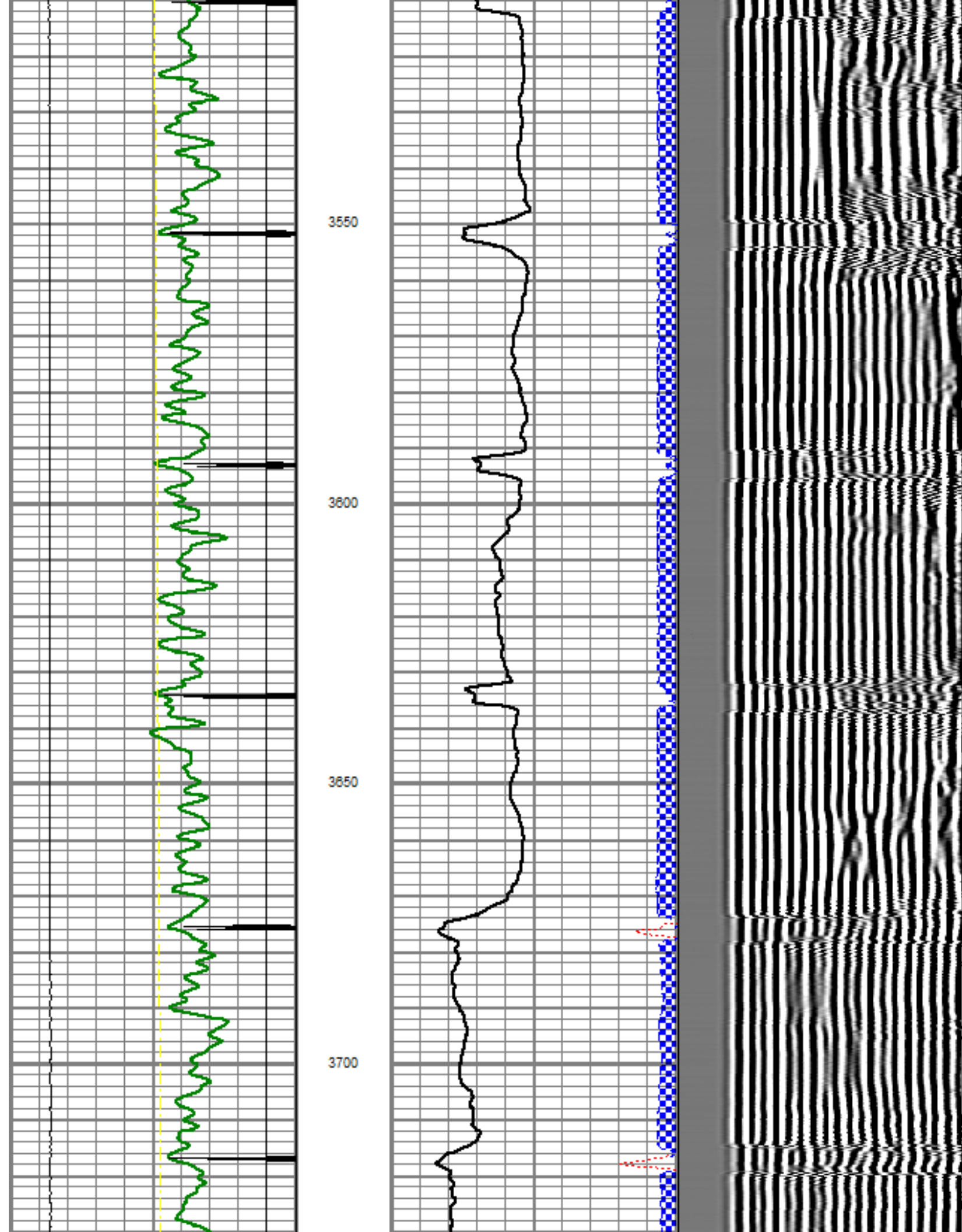


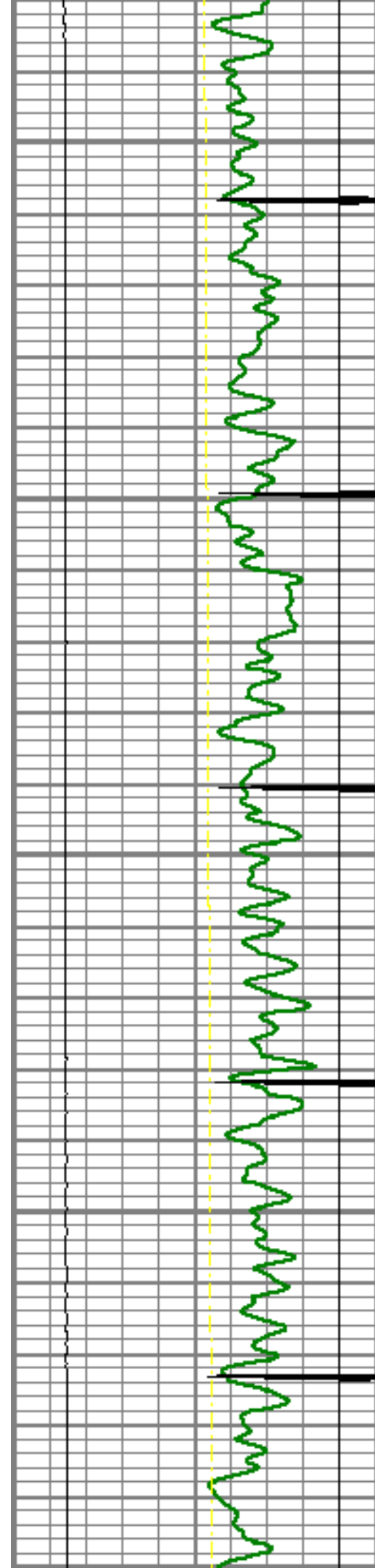
MAIN PASS

5" = 100'

Database File: anderson6-4-32.db
 Dataset Pathname: pass8
 Presentation Format: dobl_prb
 Dataset Creation: Thu Jun 07 13:35:09 2012 by Log Std Casedhole 09061
 Charted by: Depth in Feet scaled 1:240







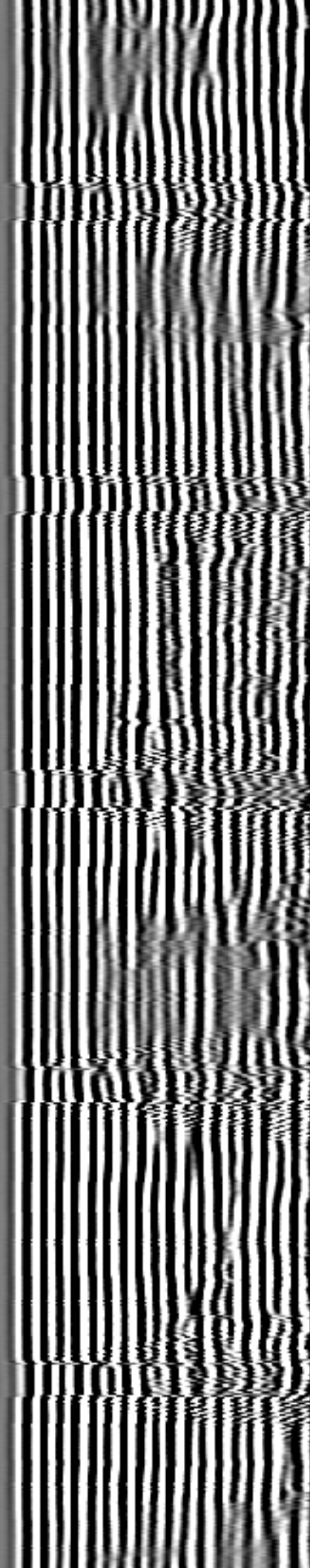
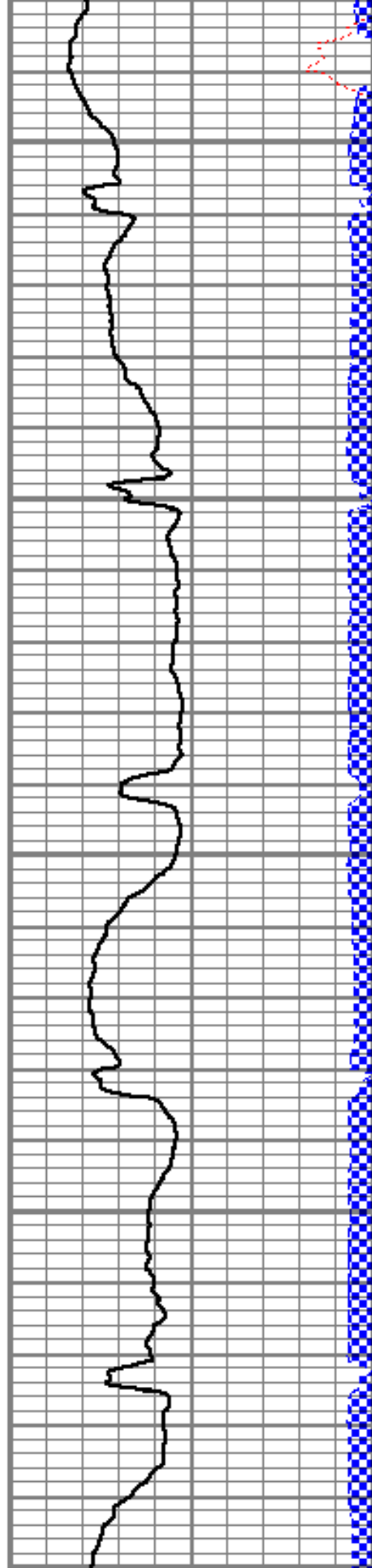
3750

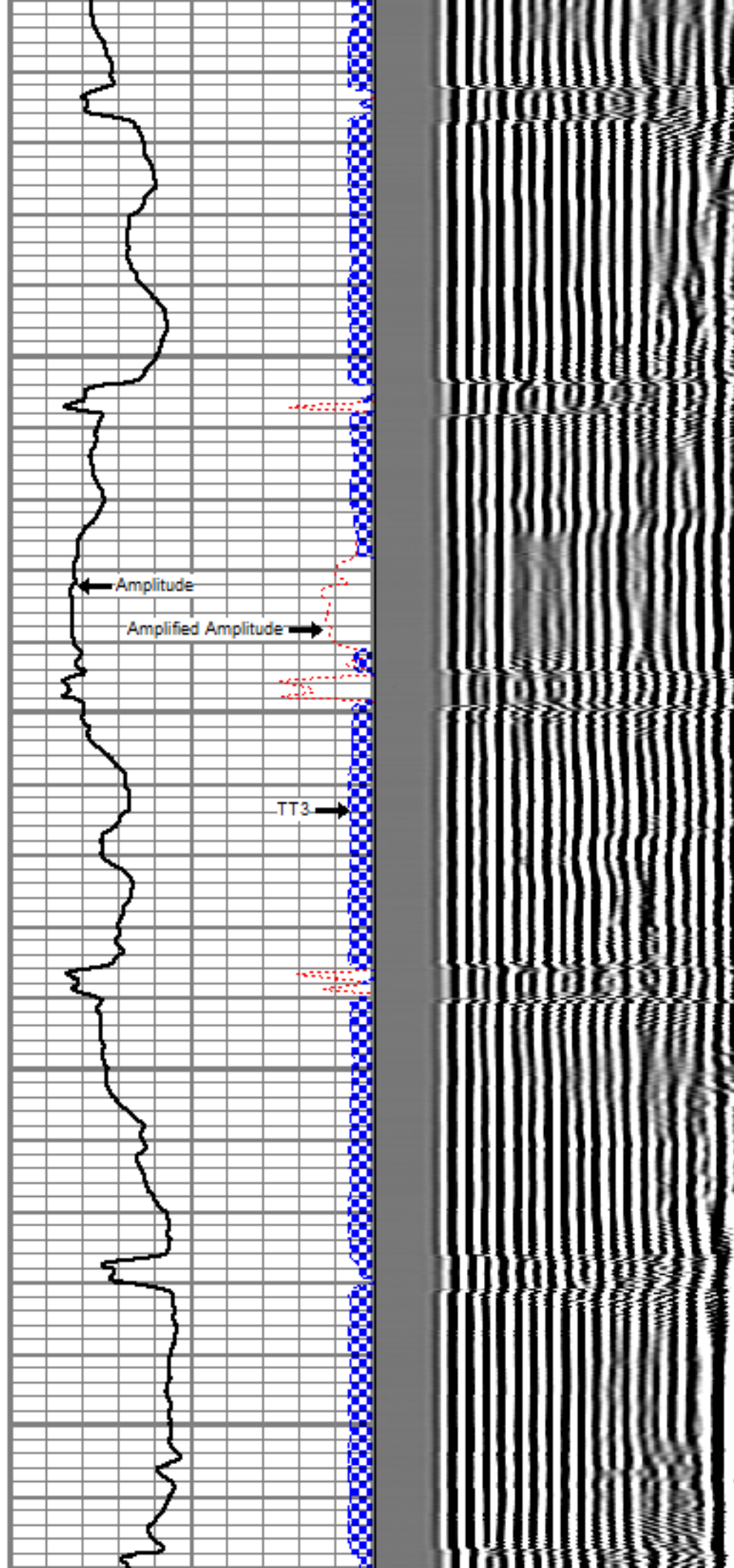
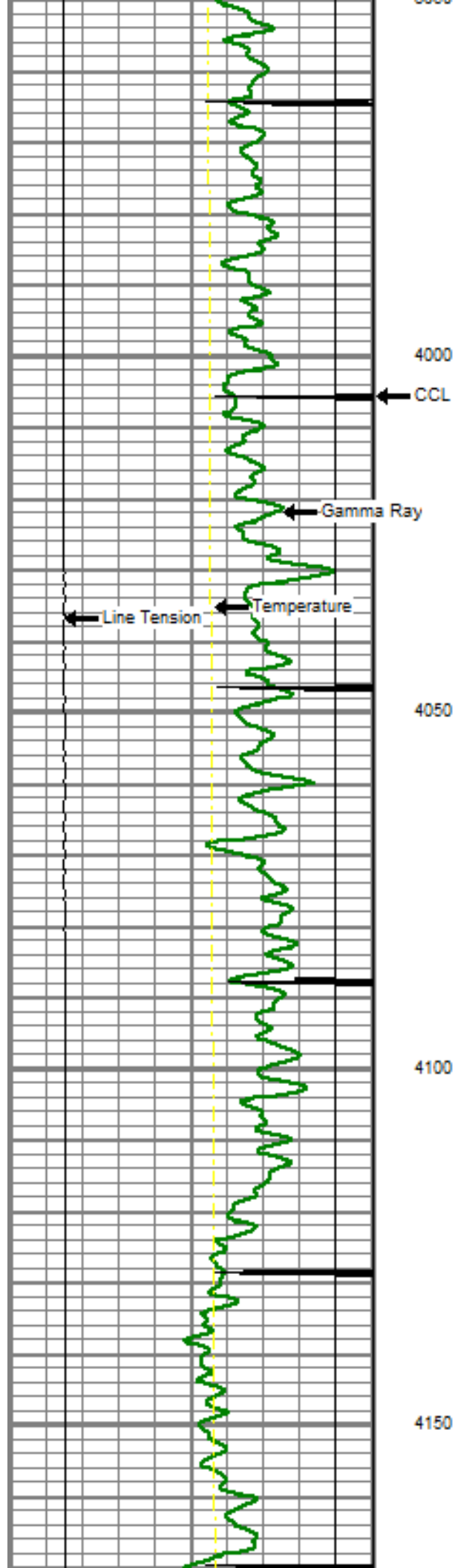
3800

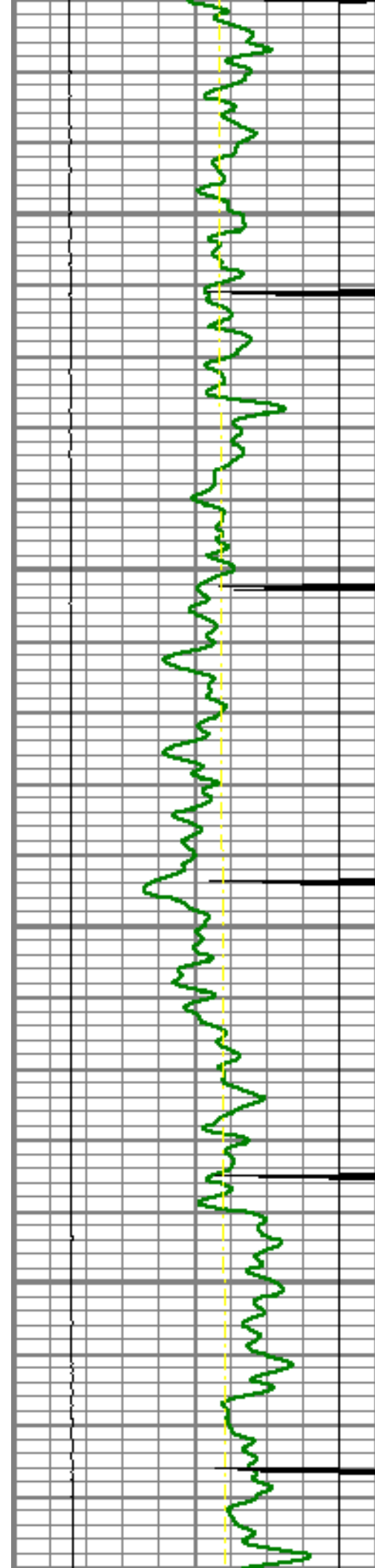
3850

3900

3950





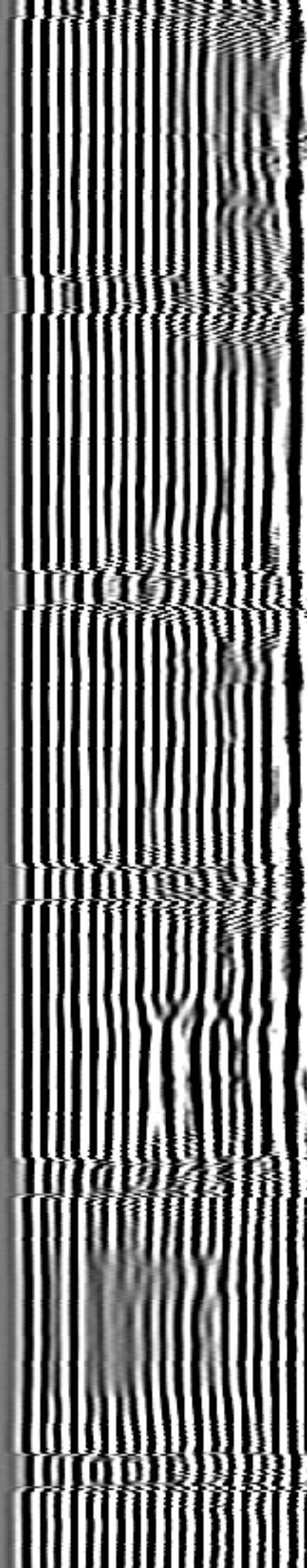
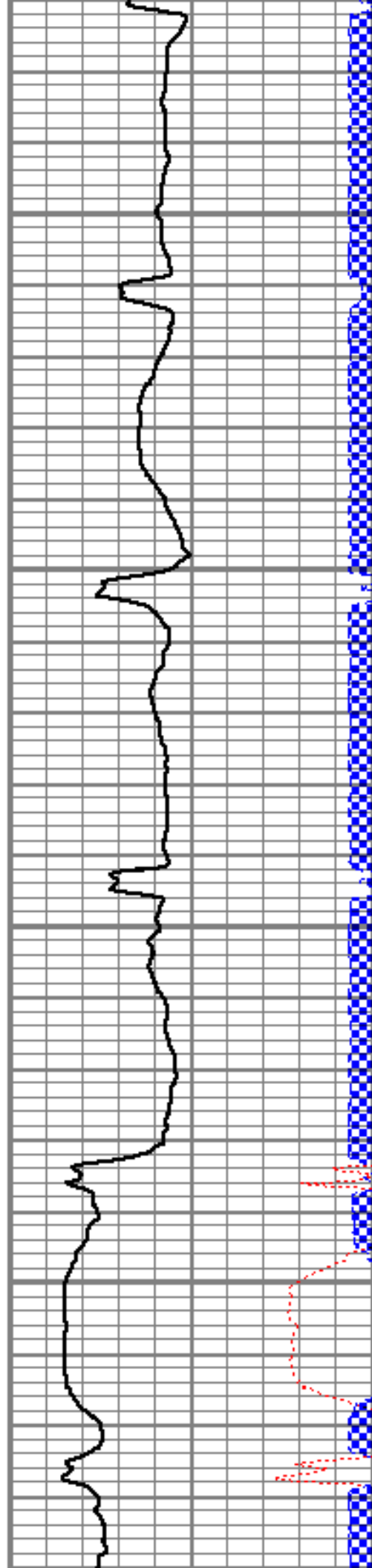


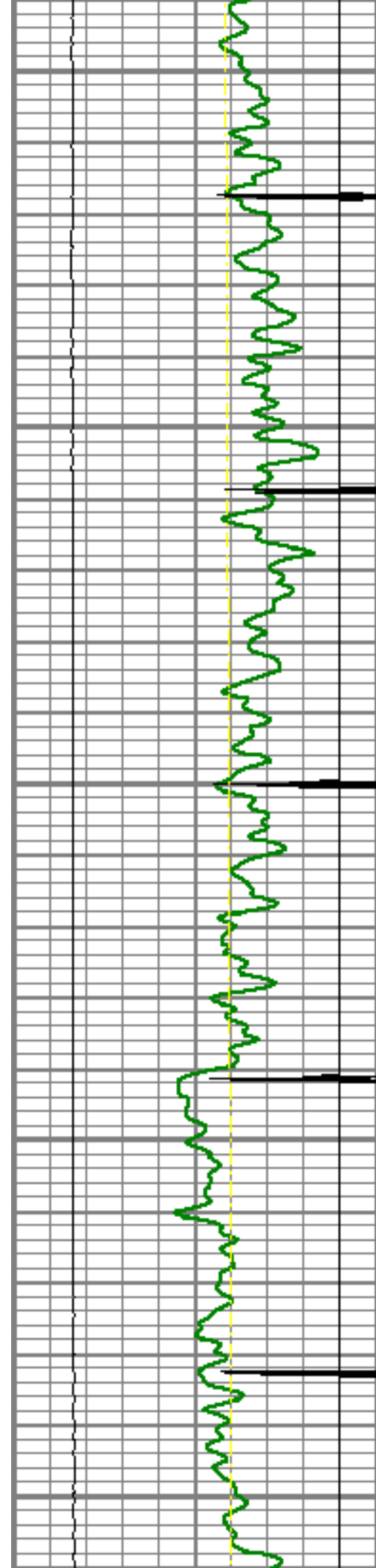
4200

4250

4300

4350





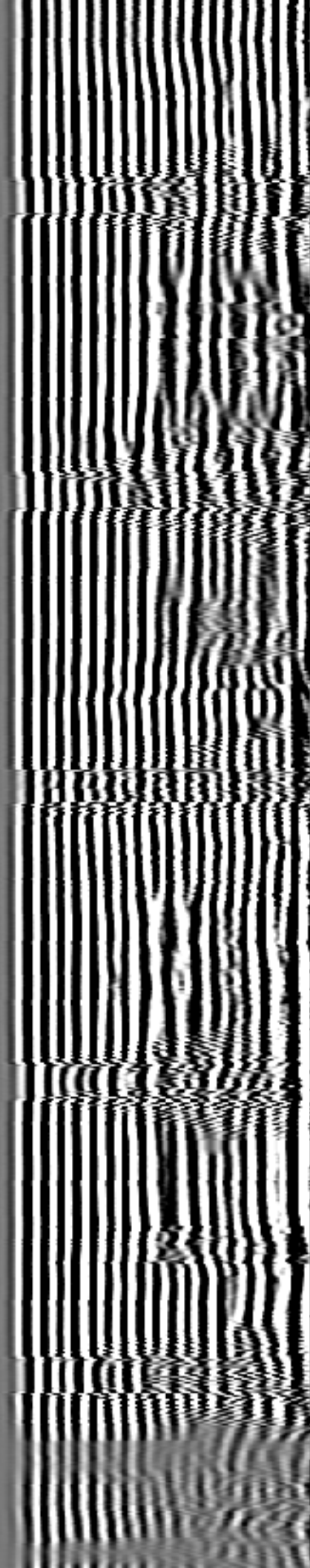
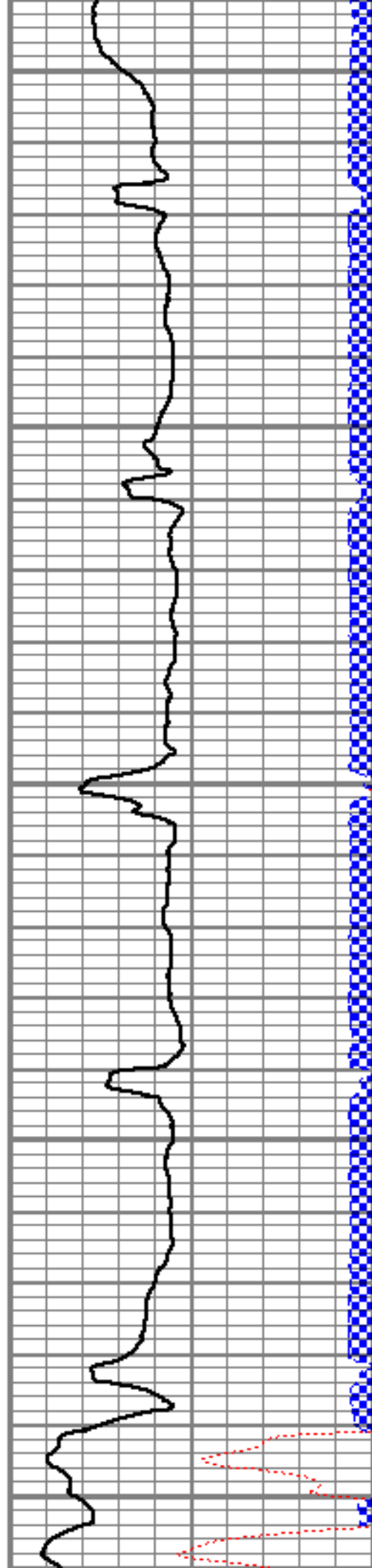
4400

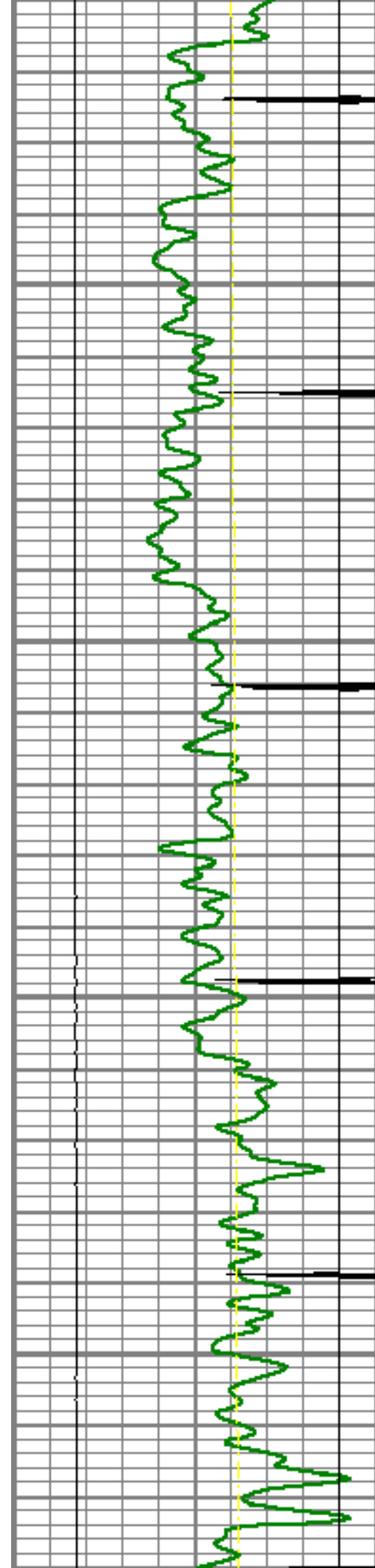
4450

4500

4550

4600



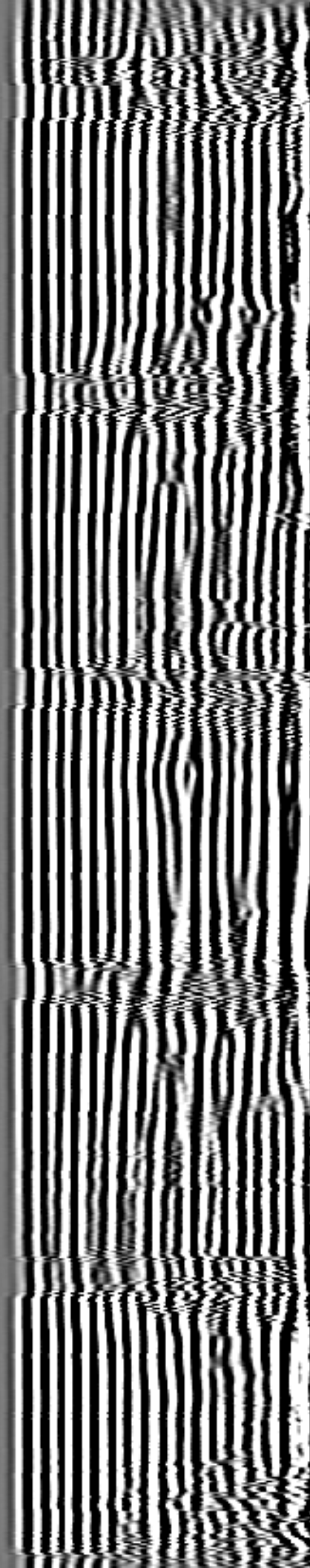
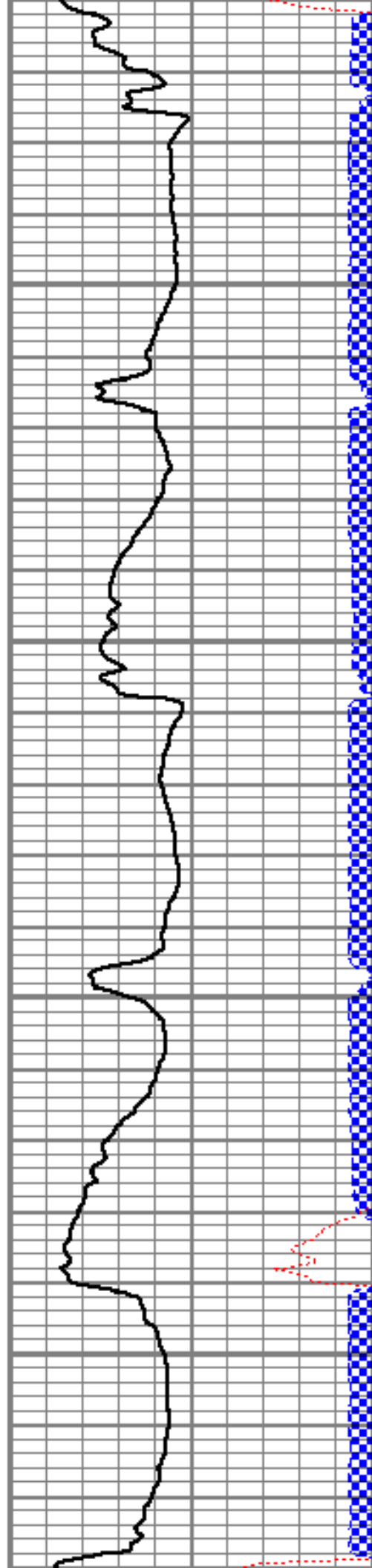


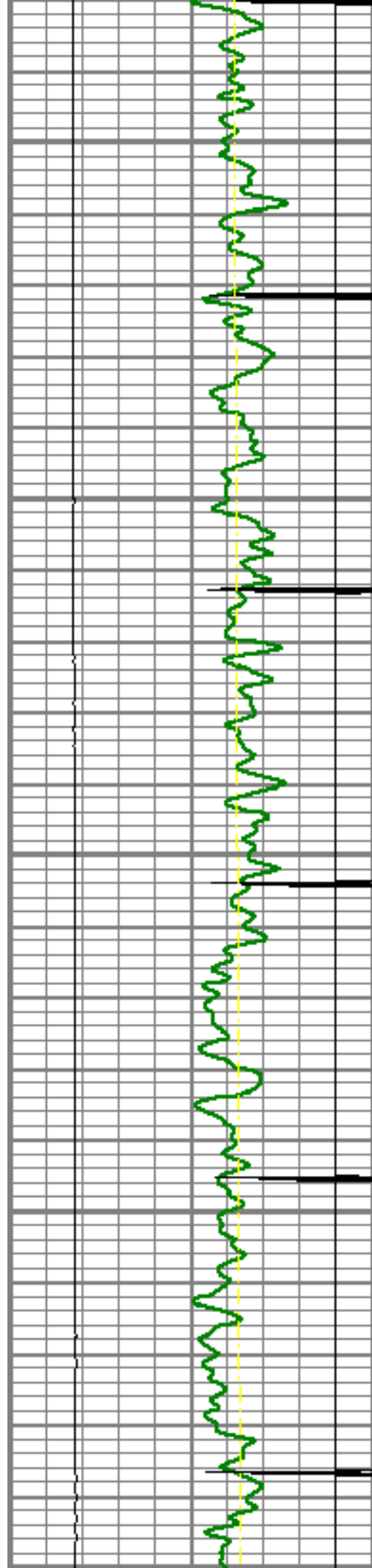
4650

4700

4750

4800





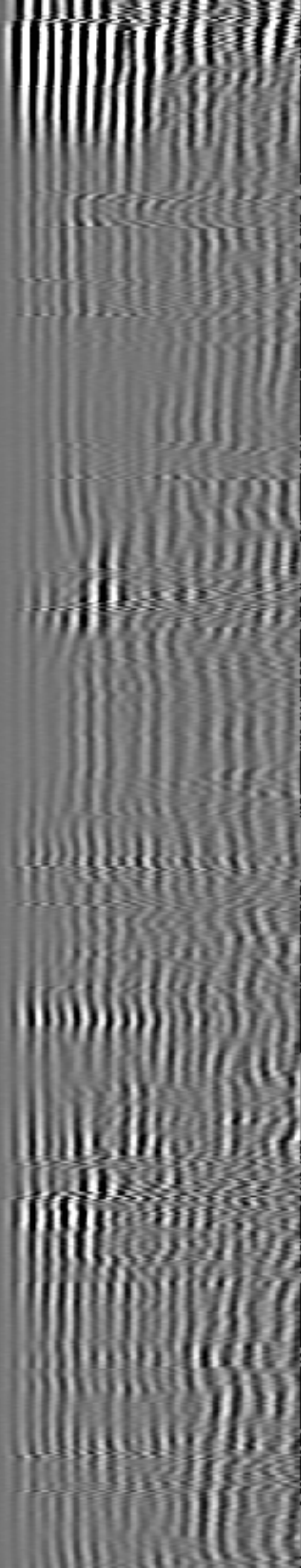
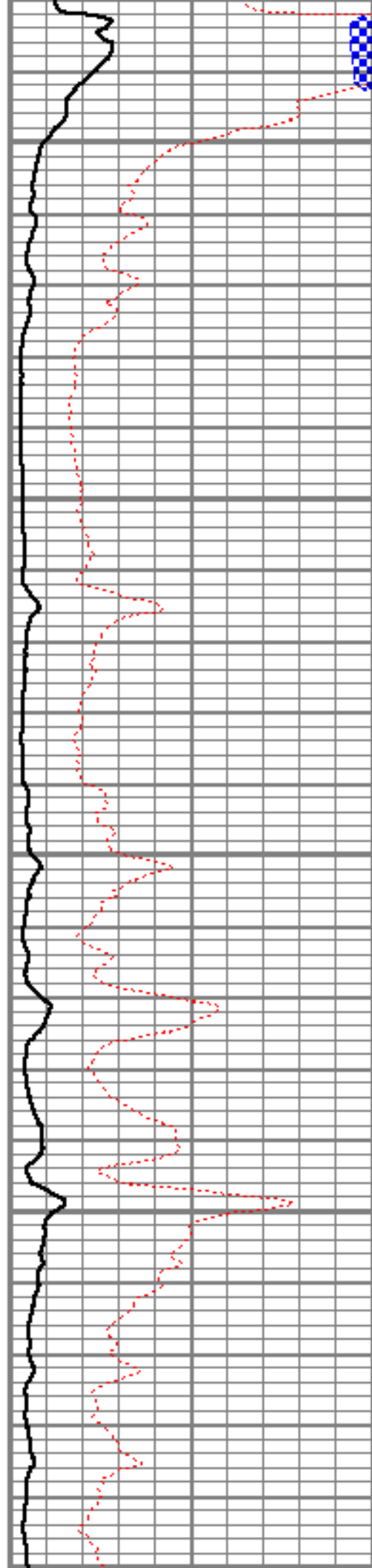
4850

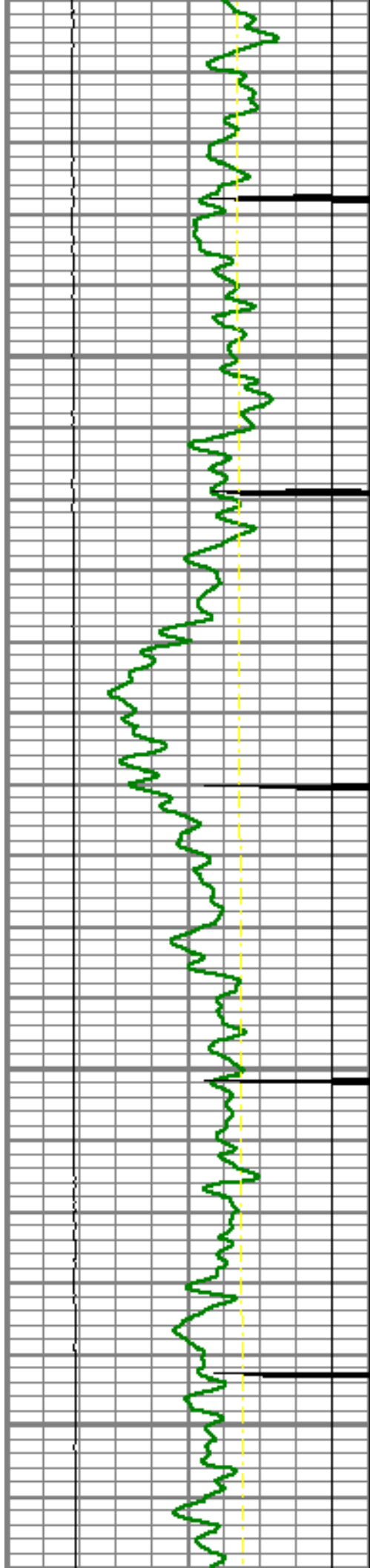
4900

4950

5000

5050





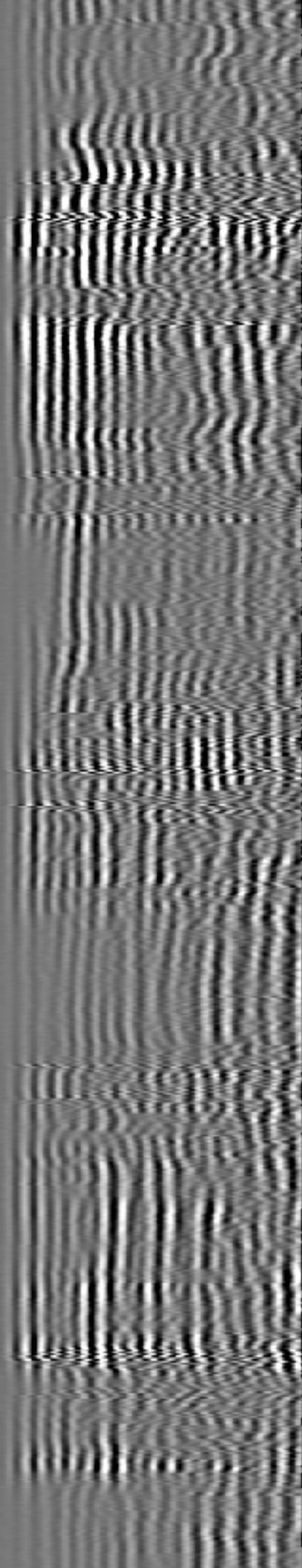
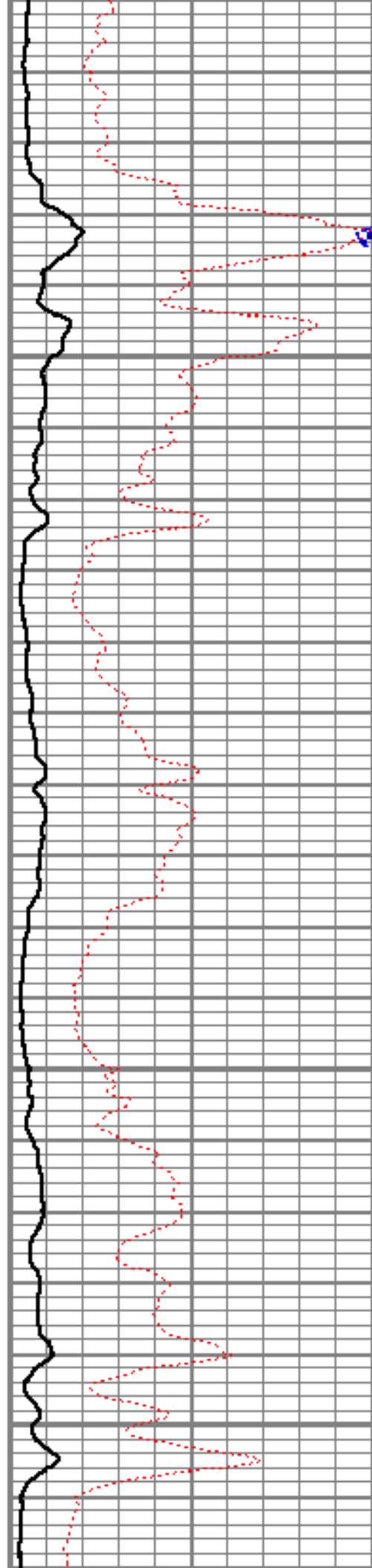
5000

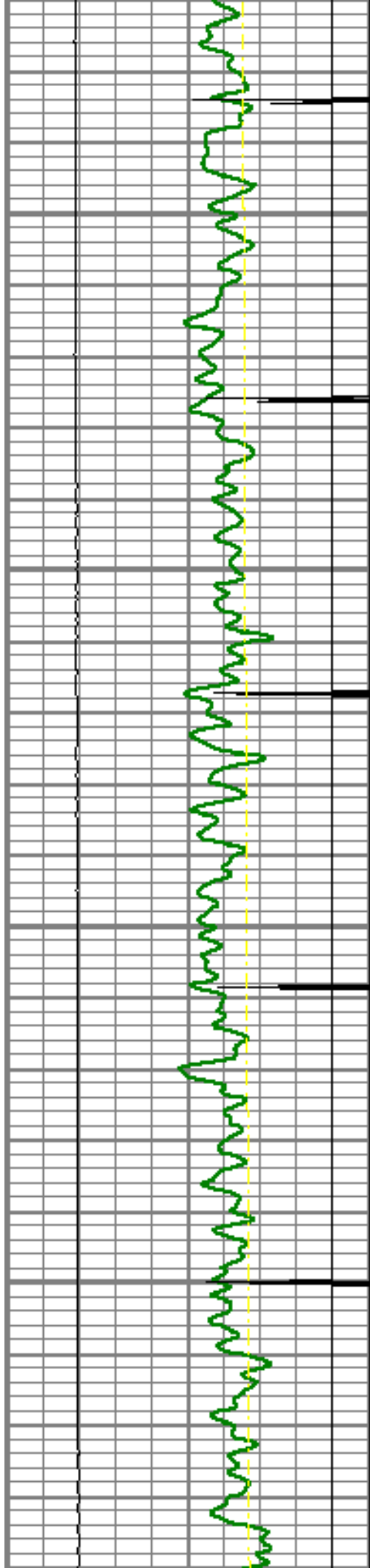
5100

5150

5200

5250



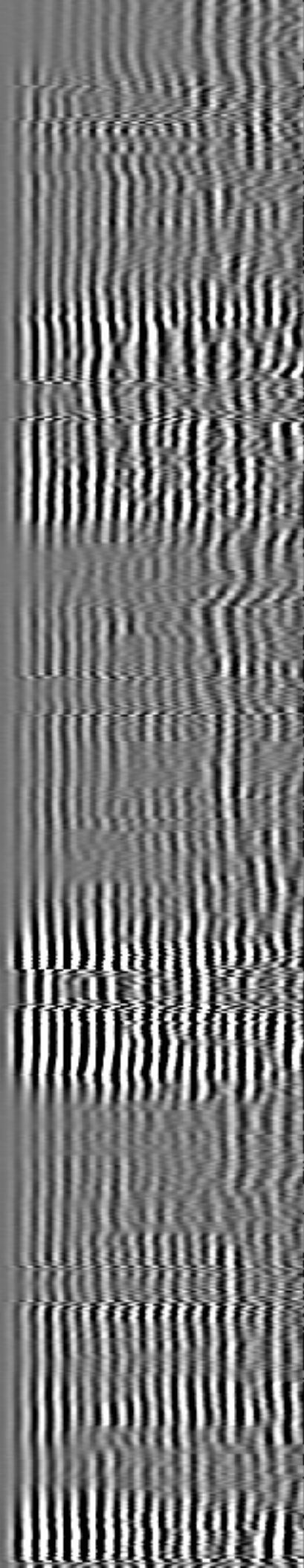
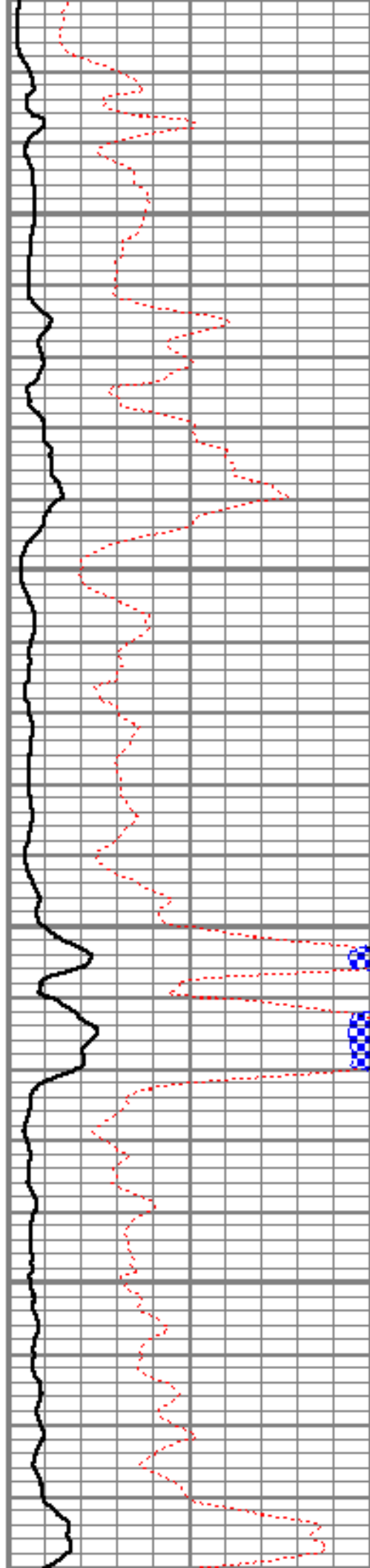


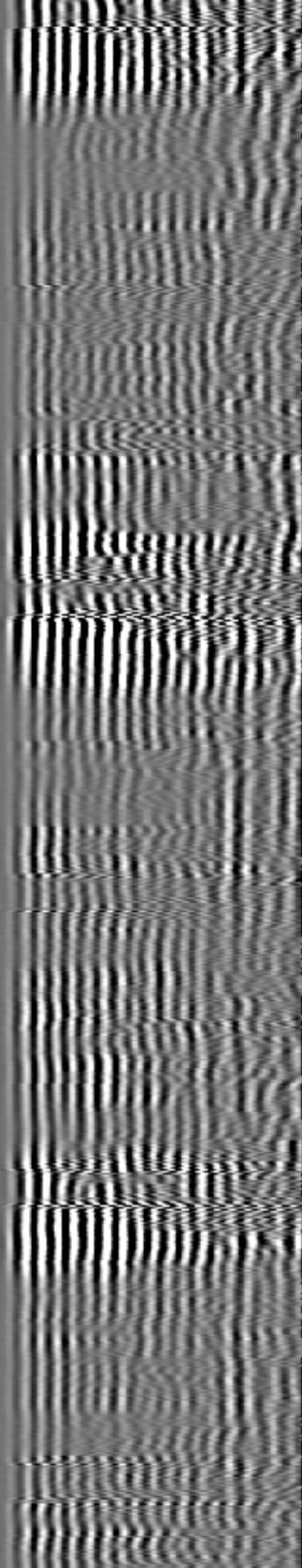
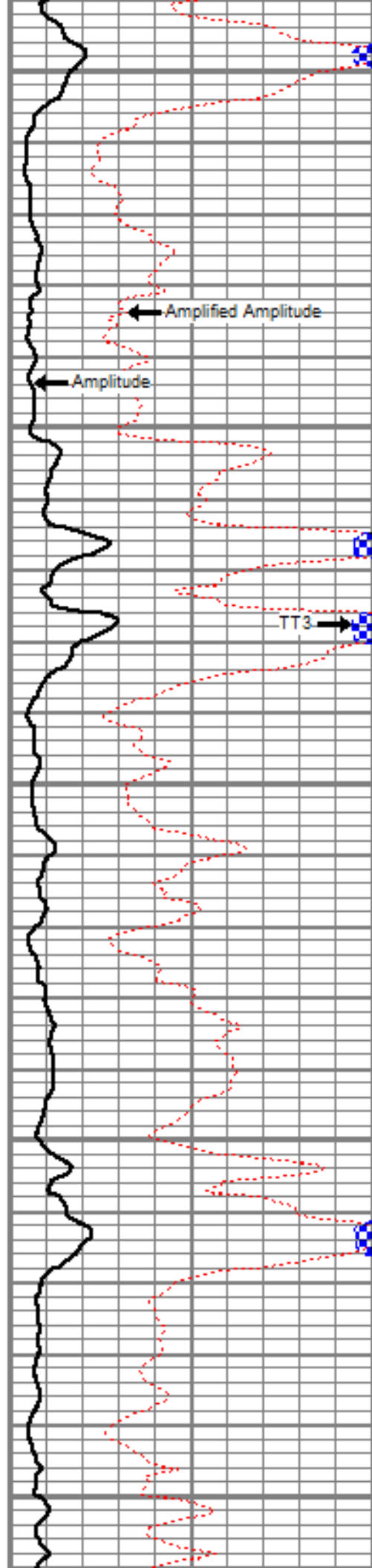
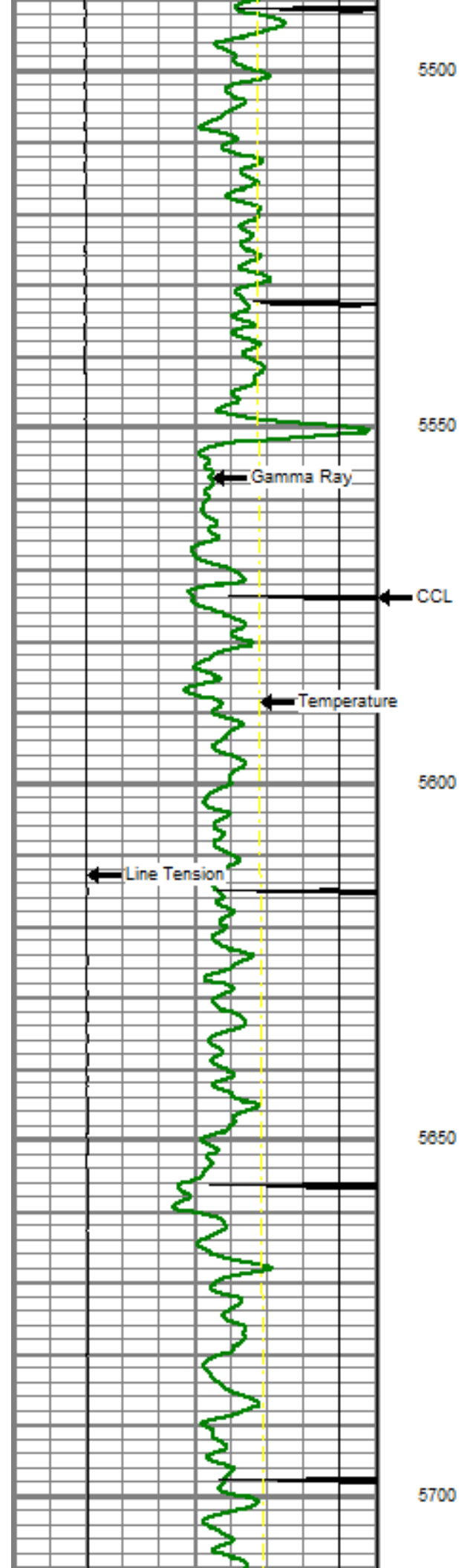
5300

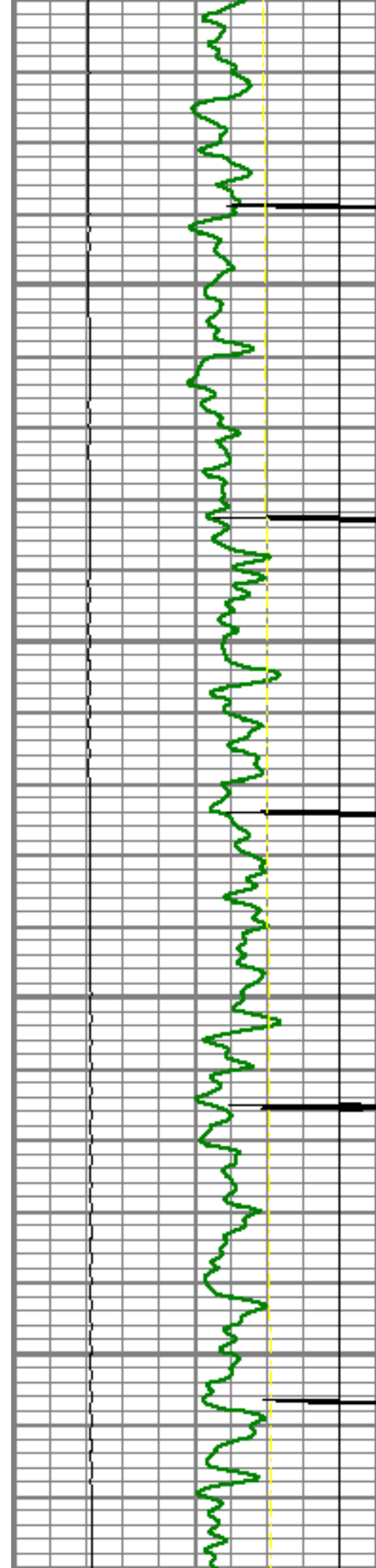
5350

5400

5450





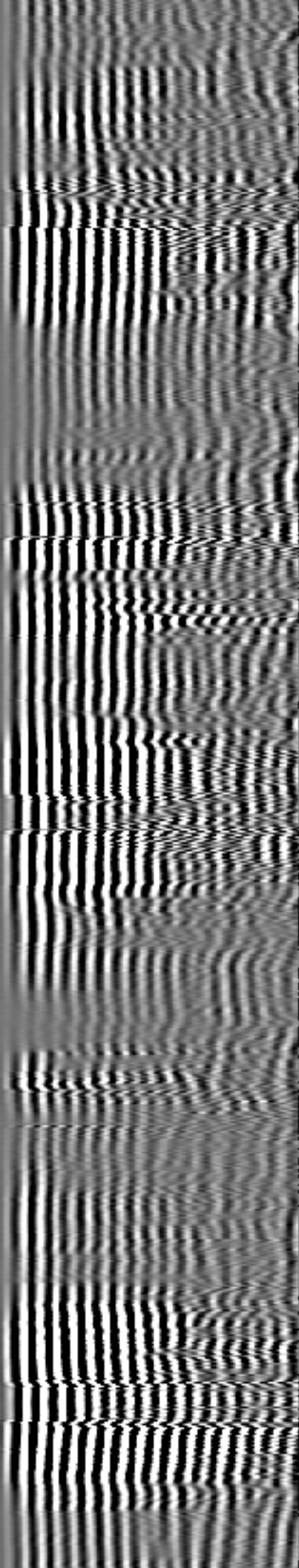
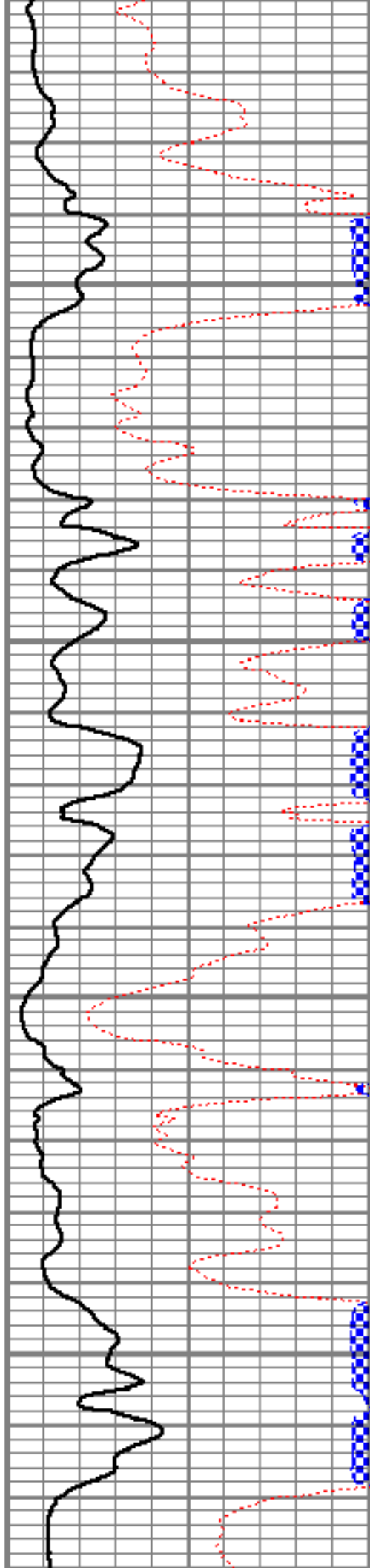


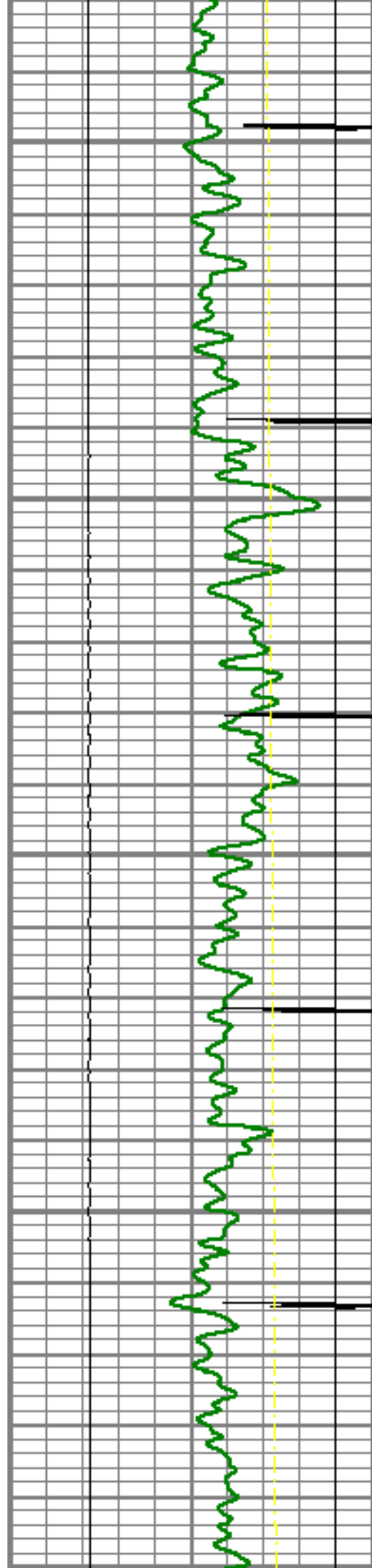
5750

5800

5850

5900





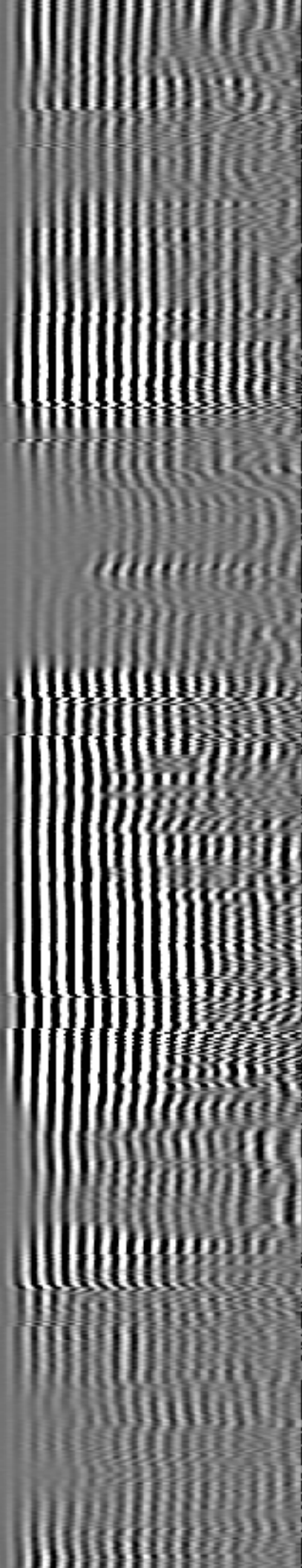
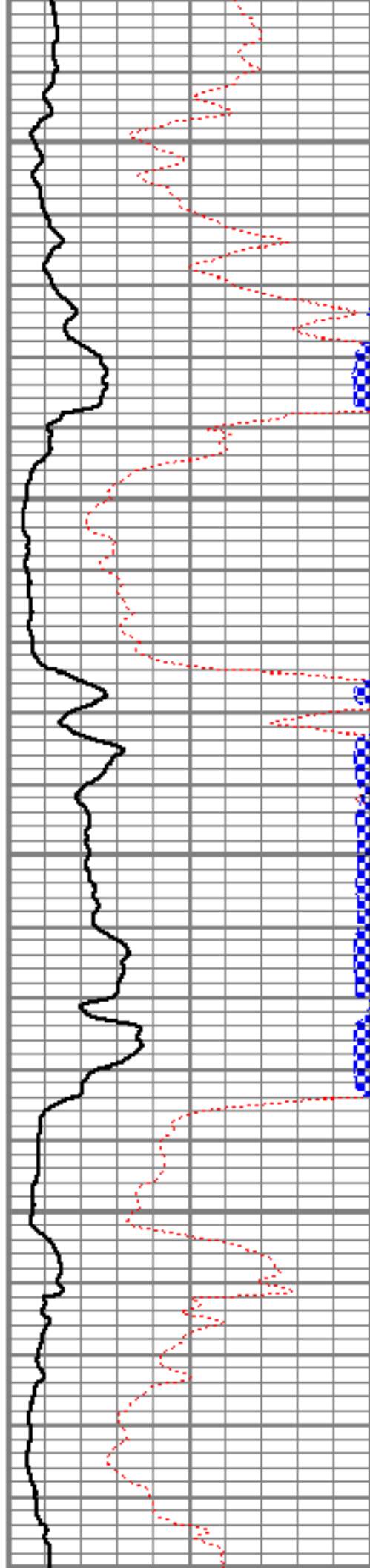
5950

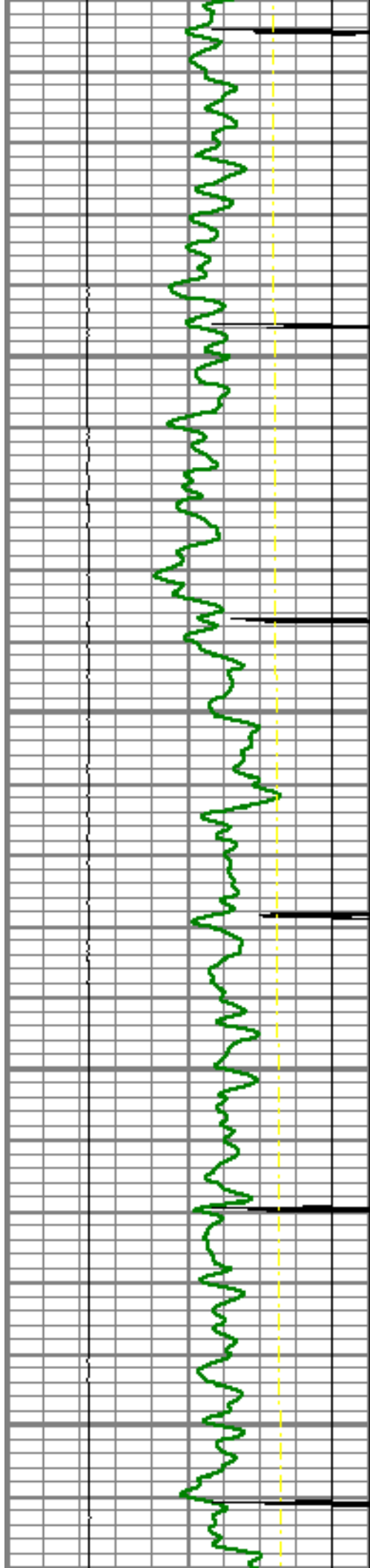
6000

6050

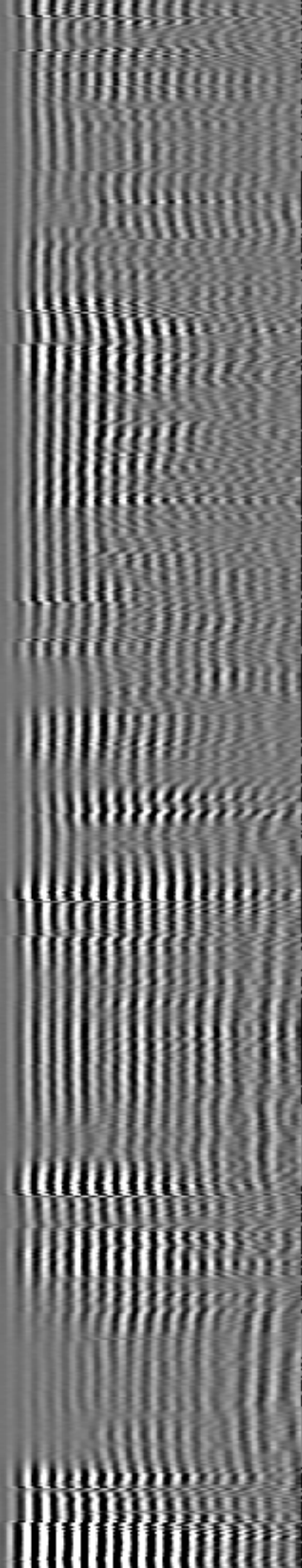
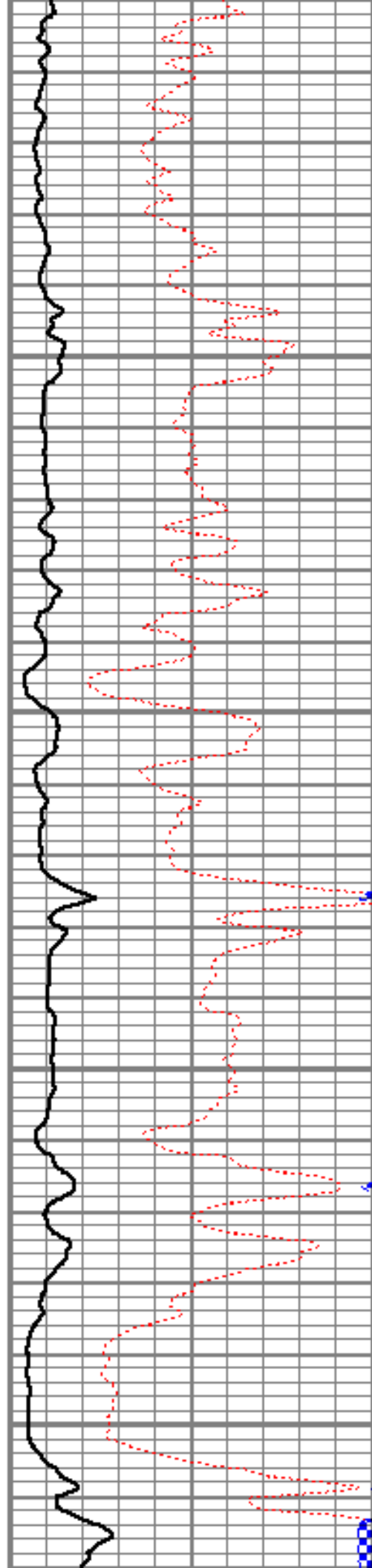
6100

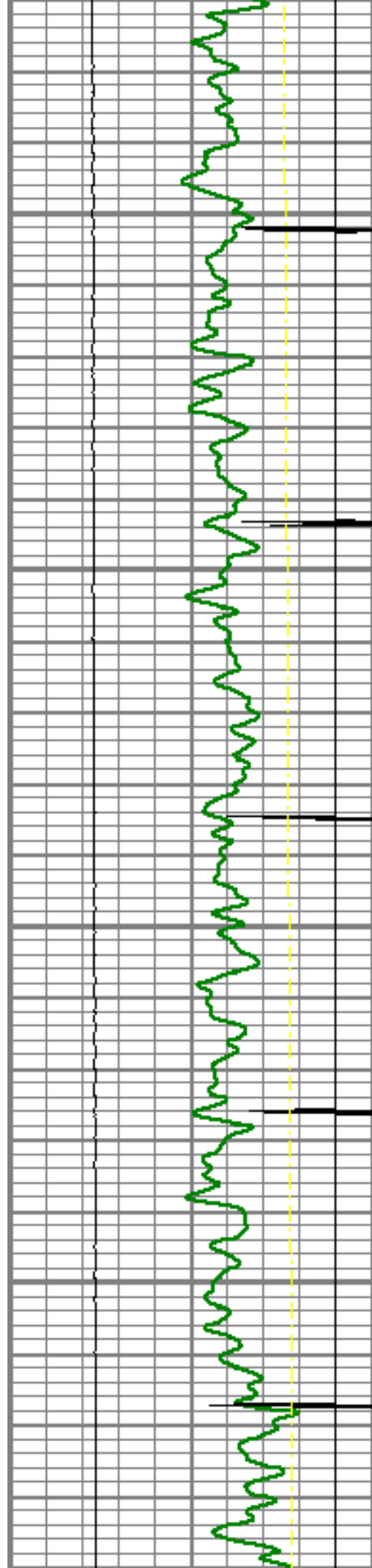
6150





6100
6200
6250
6300
6350



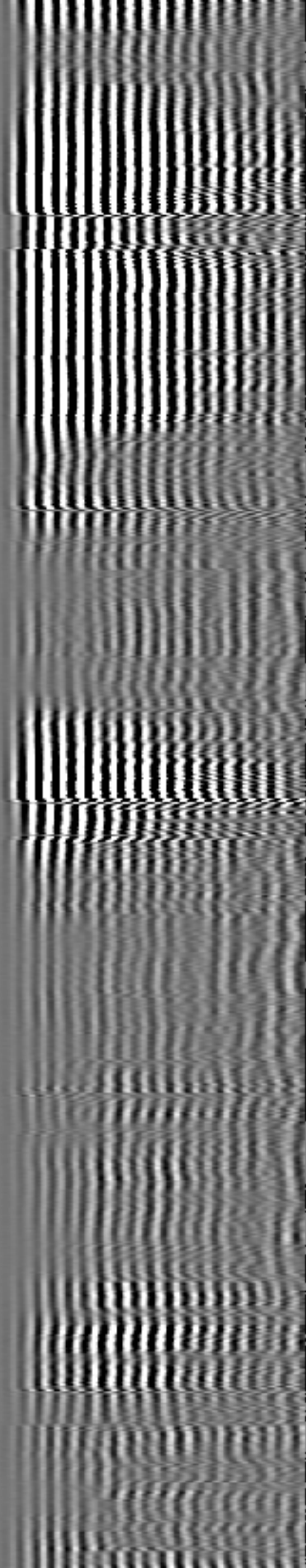
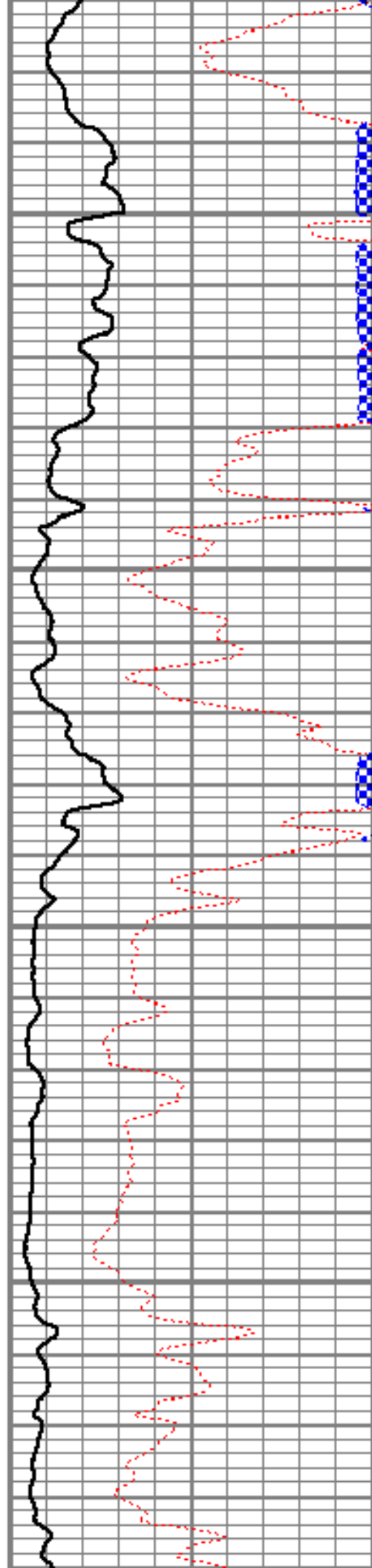


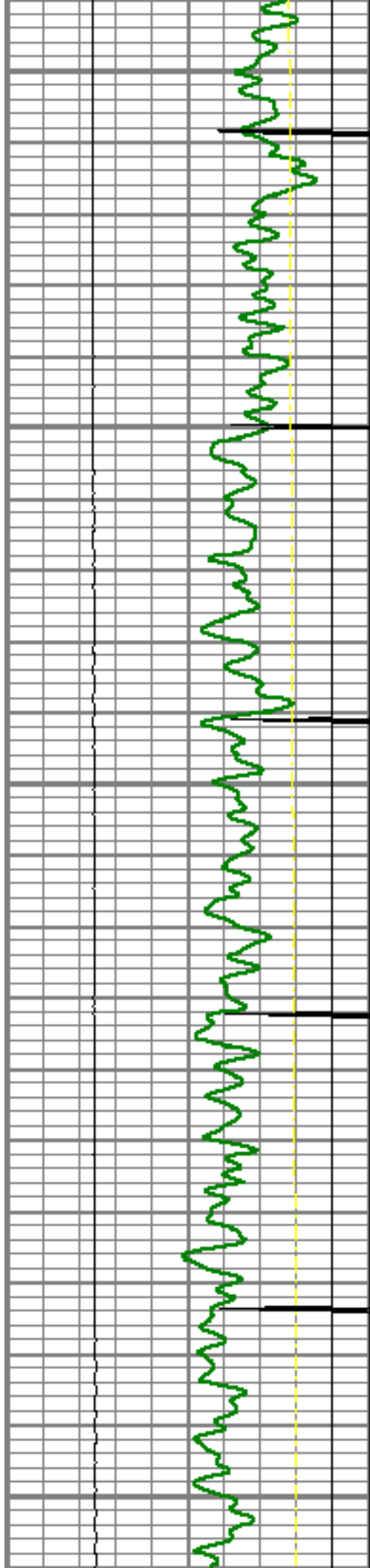
6400

6450

6500

6550





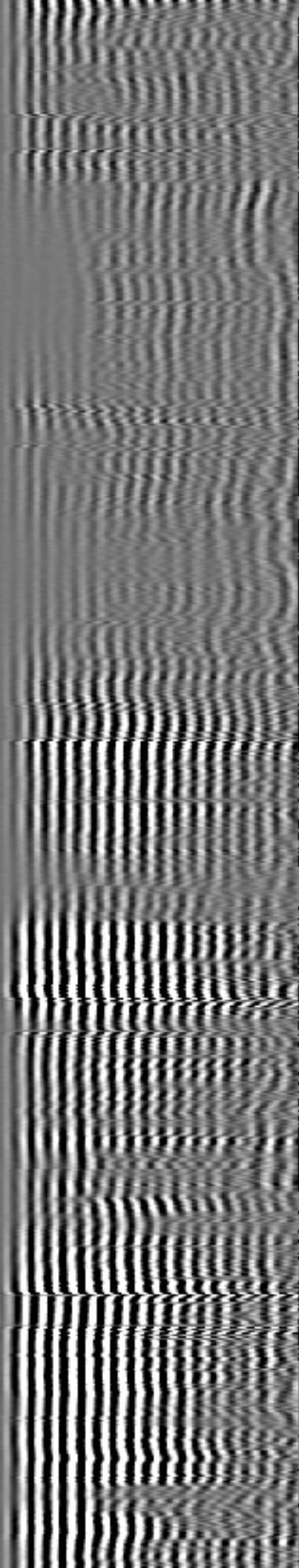
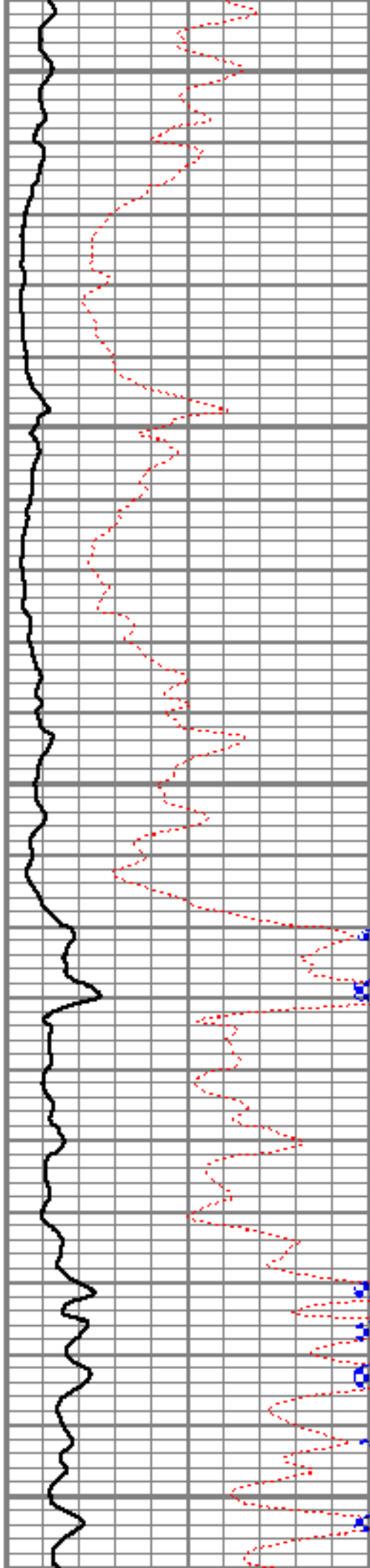
6600

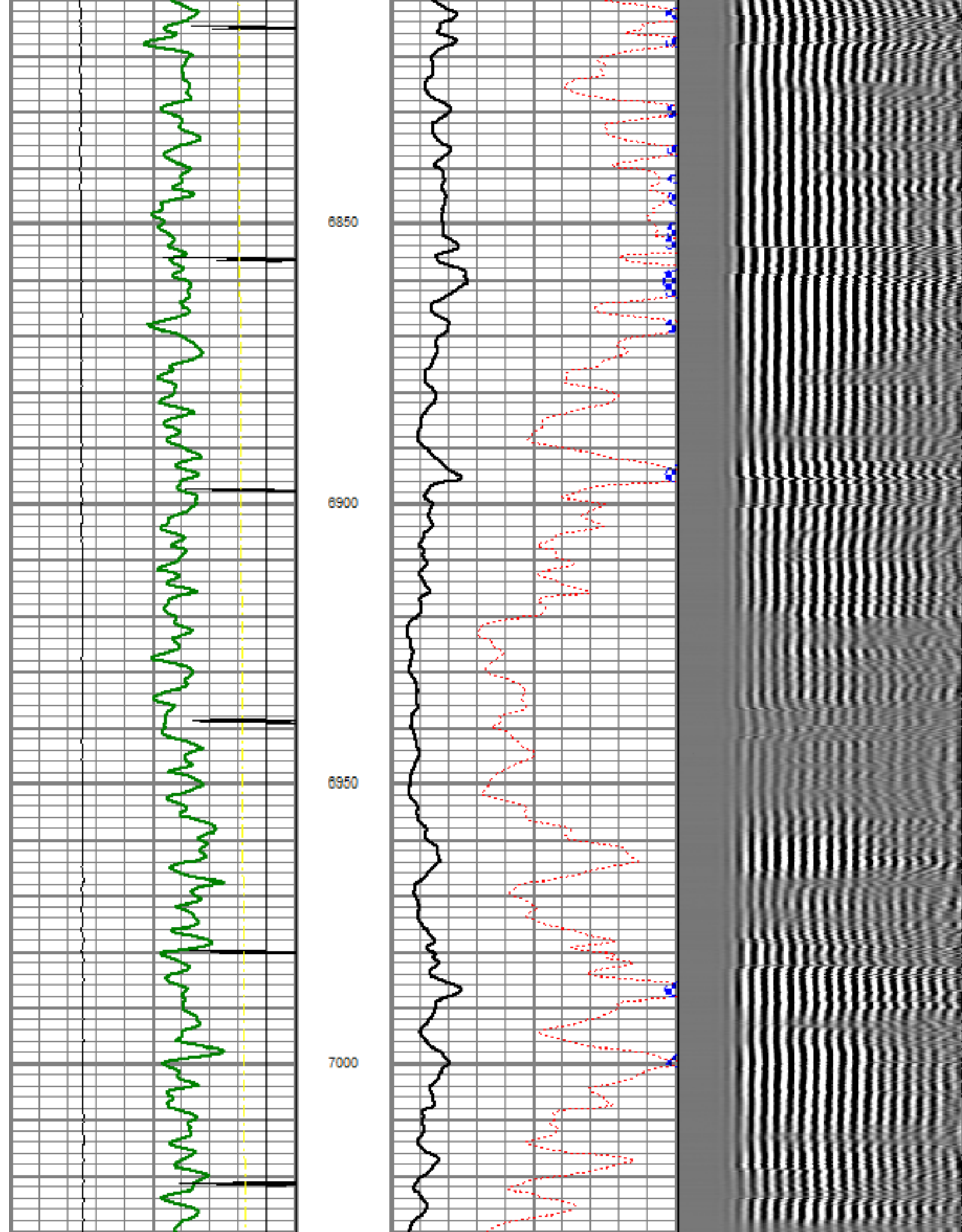
6650

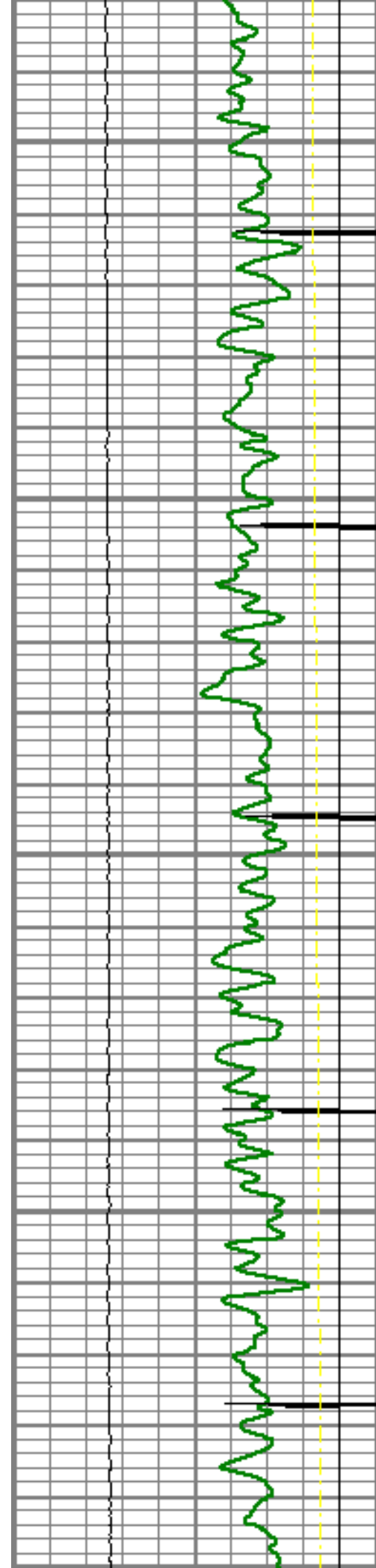
6700

6750

6800







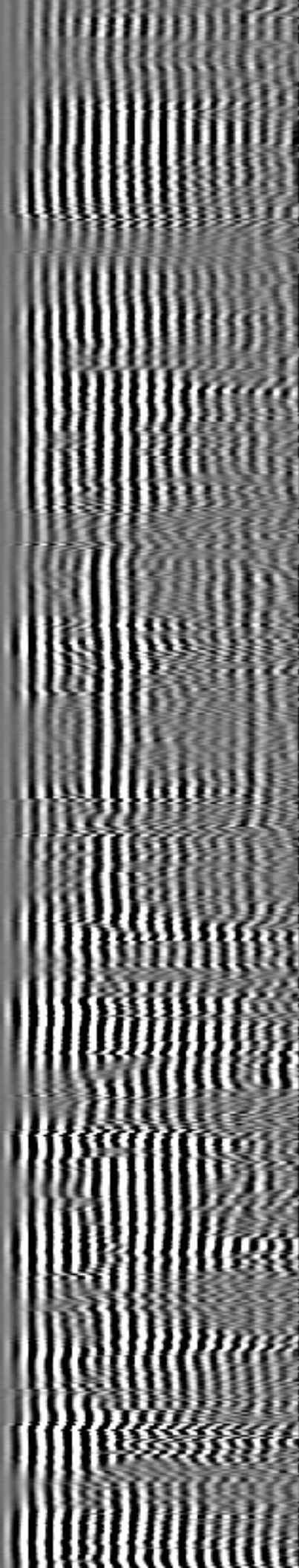
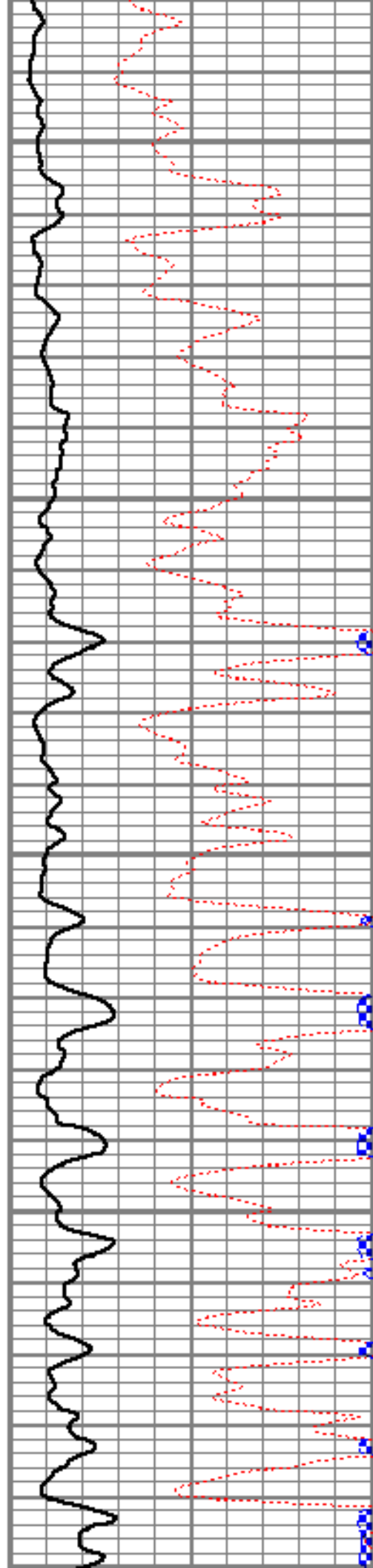
7050

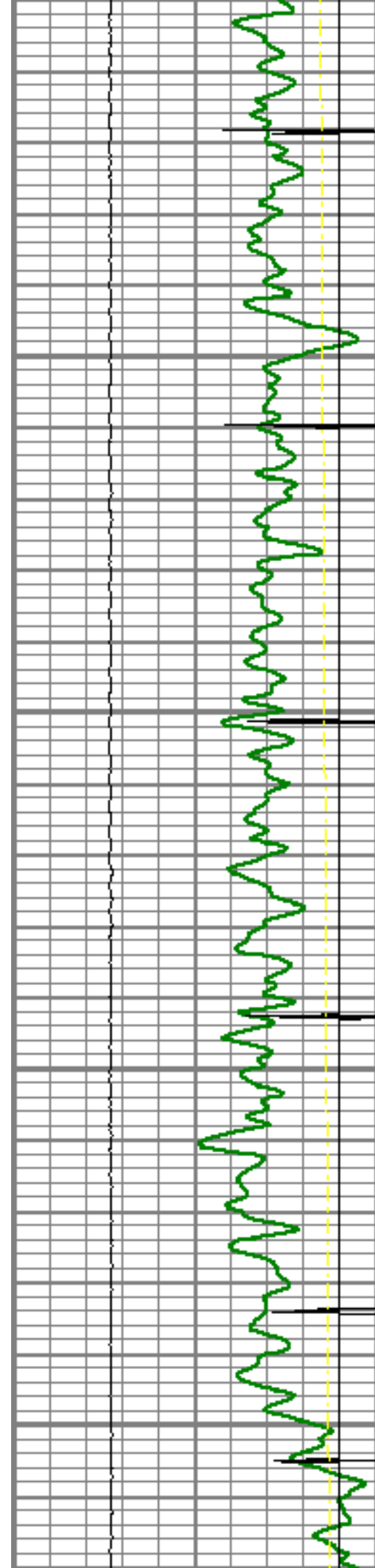
7100

7150

7200

7250





7250

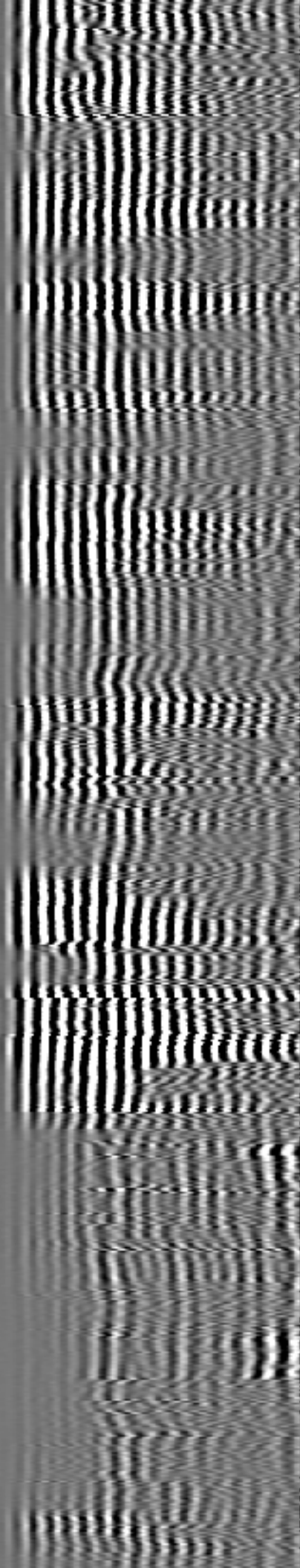
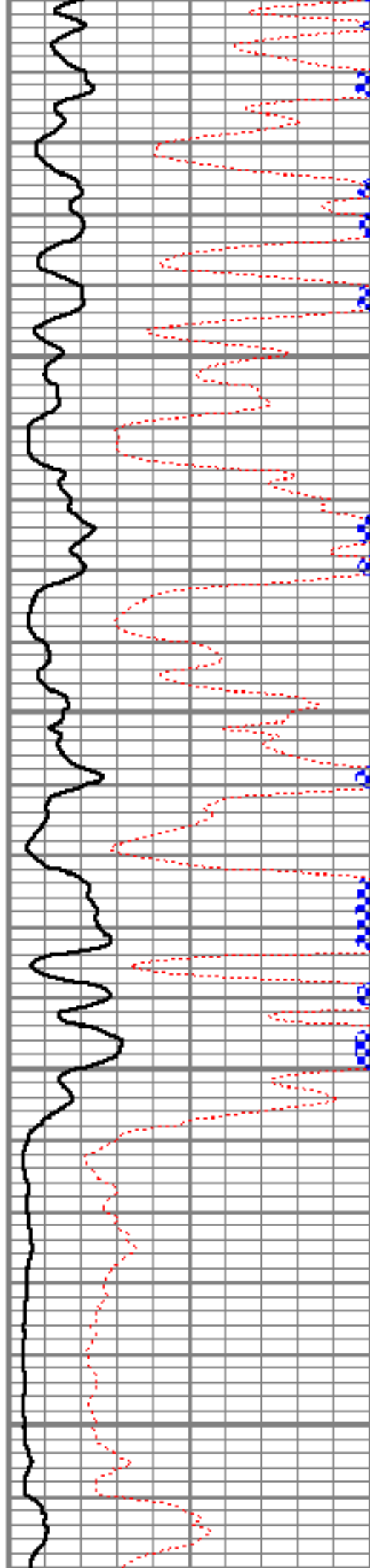
7300

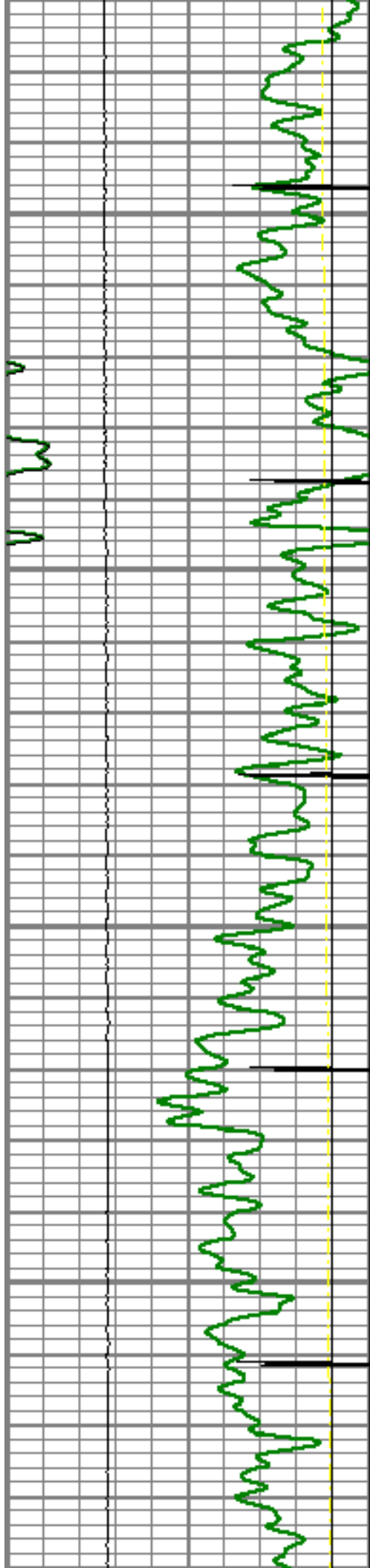
7350

7400

Short Joint

7450



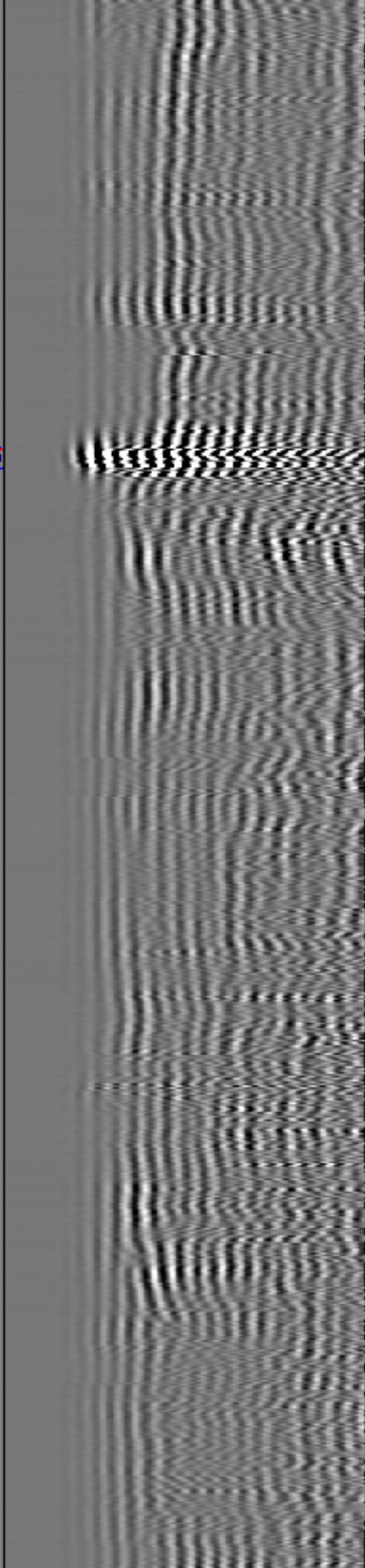
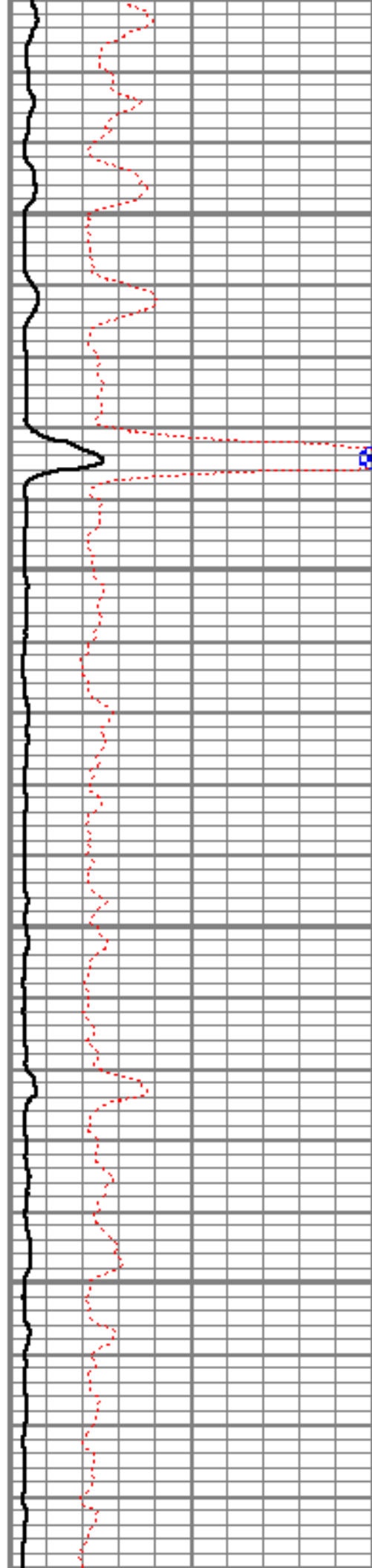


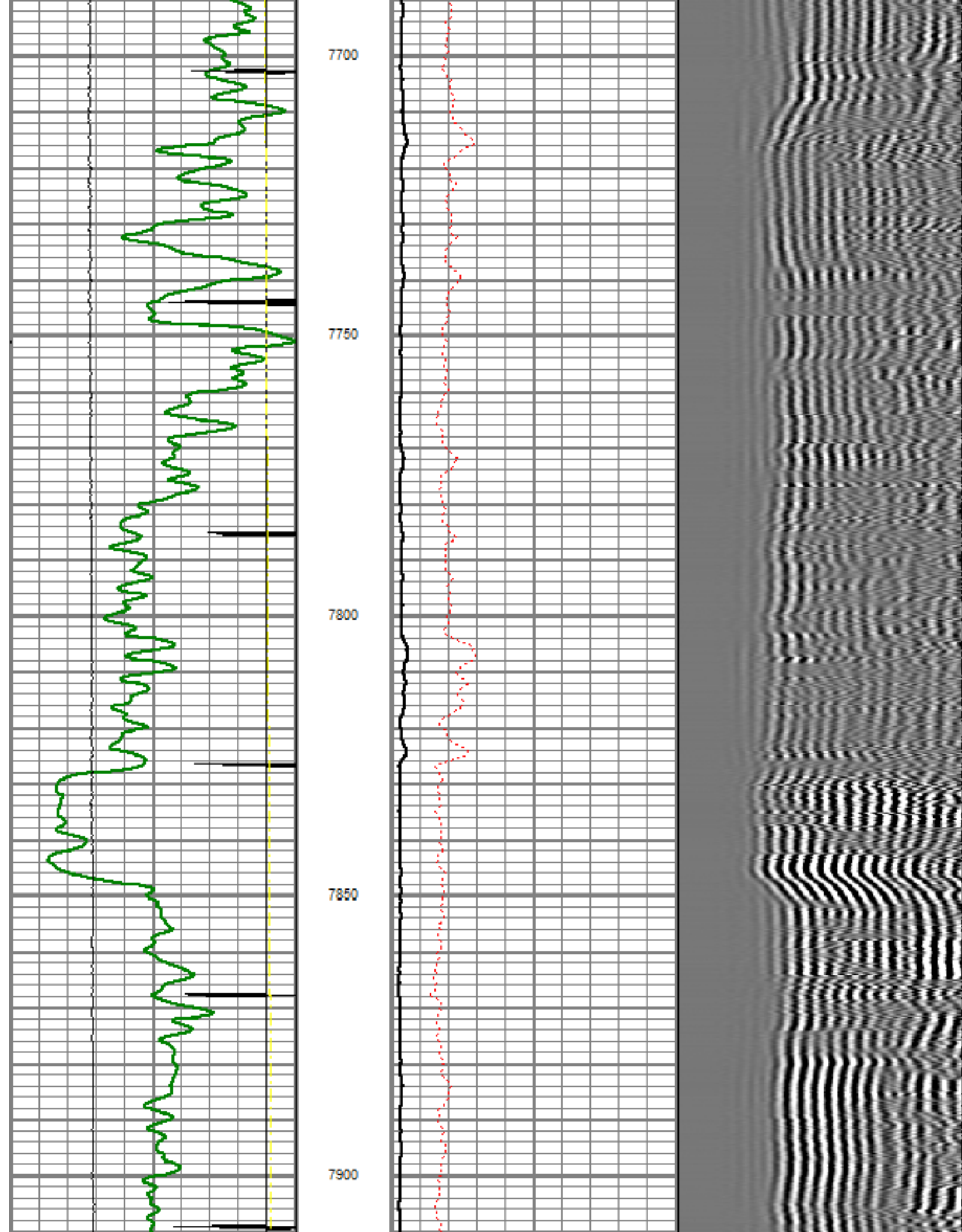
7500

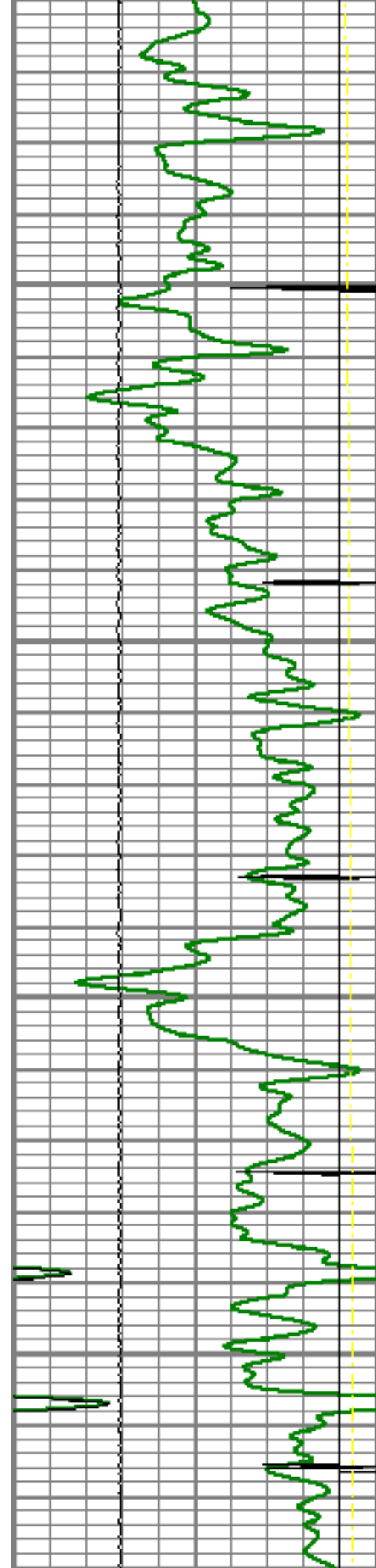
7550

7600

7650





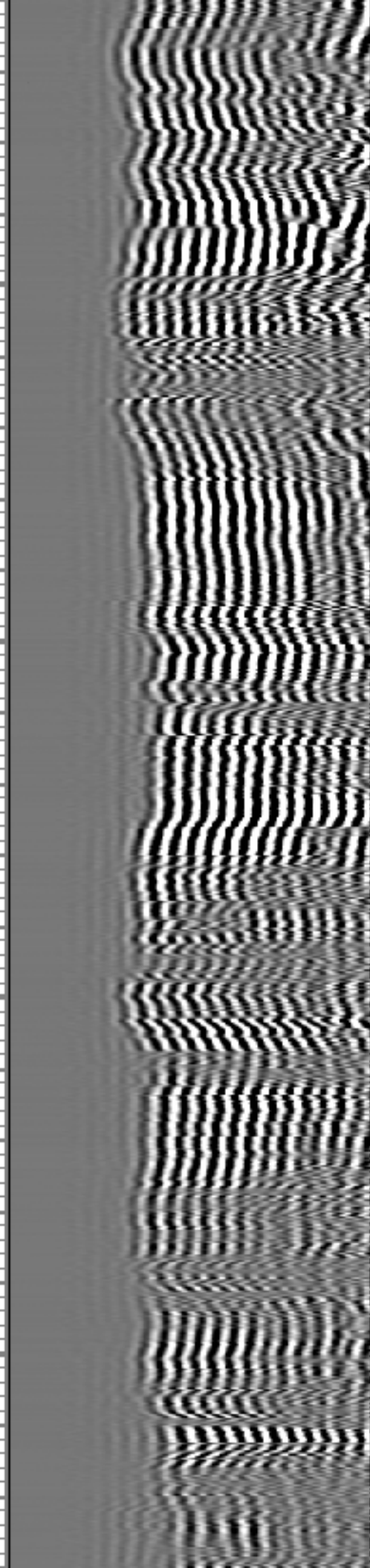
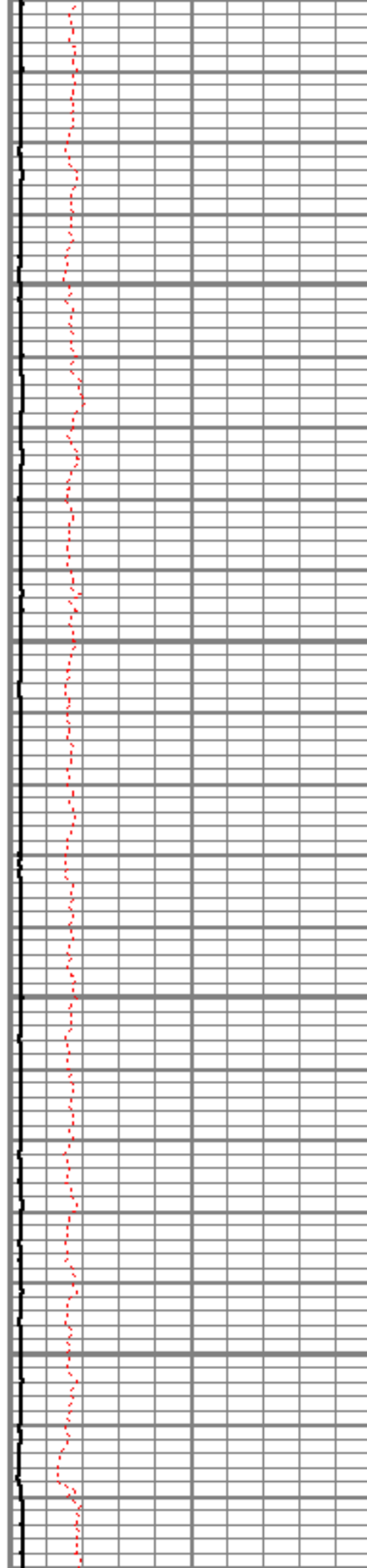


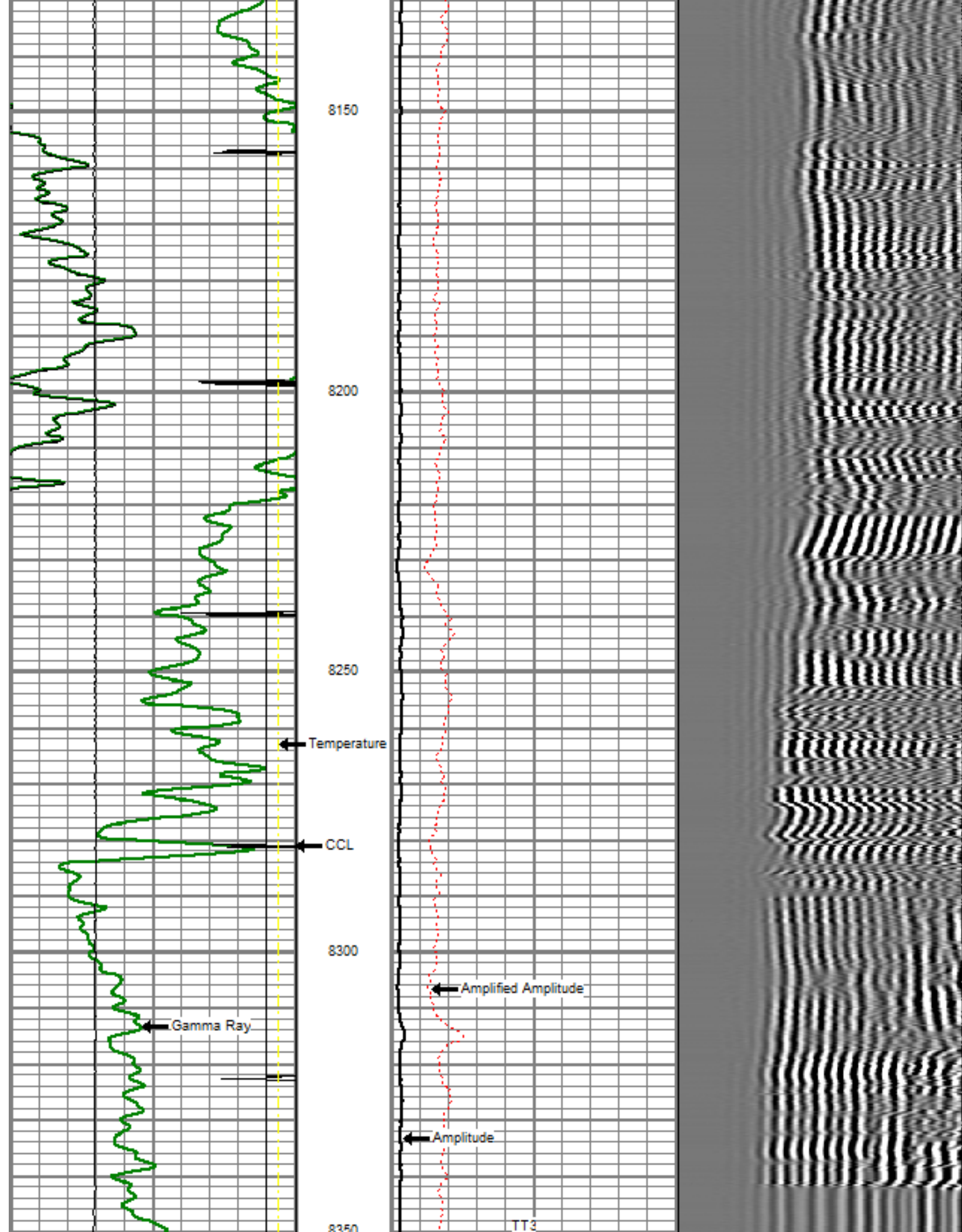
7950

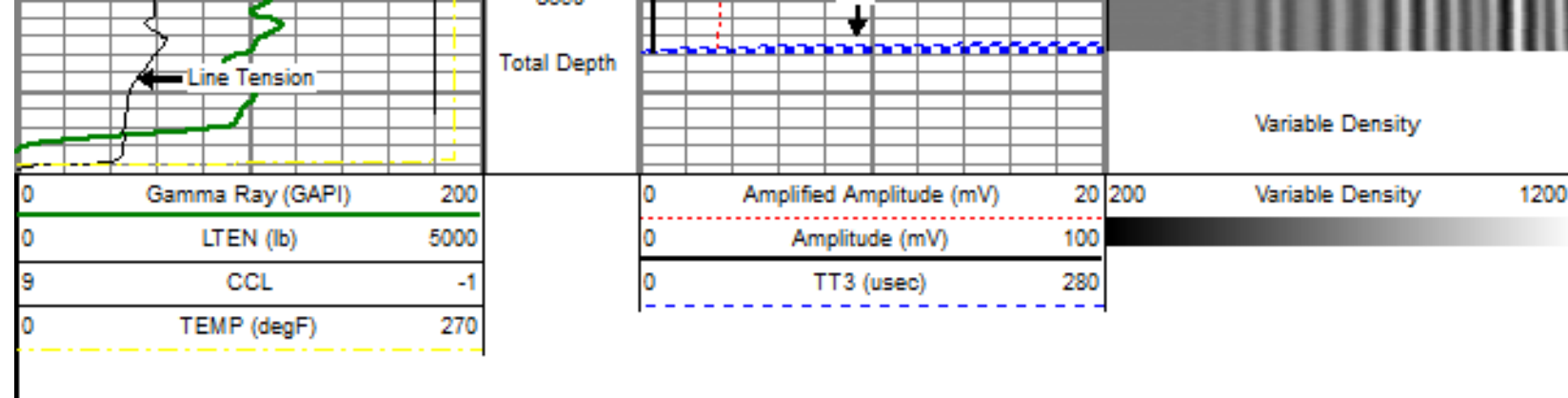
8000

8050

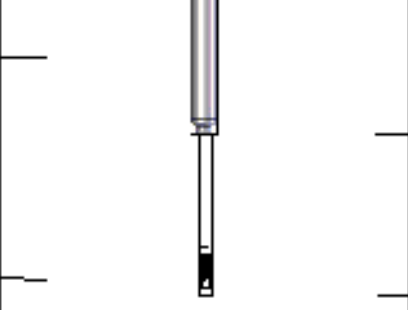
8100








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	13.54		CBL-PRB_CBL_DIGITAL (PRB_CBL_DIG_28.77 1)	28.77	2.75	60.00
WVF5	12.54		Probe 2.75" Dual Receiver Bond			
			Centralizer-Probe (CENT-PROBE-2) Probe Bowspring Centralizer	2.88	2.75	10.00
CCL	5.50		GR-PROBE_GRCL (PRB_GRCL_275_01 4.54)	4.54	2.75	30.00
			Probe 2.75" 4 Channel Pulse			

GR	2.77				
TEMP	0.17		TEMP-1.375TEMP (11116HT) 1.375 Titan Temp Tool	1.88	1.40
Dataset: anderson6-4-32.db: field/well/run1/pass8 Total Length: 21.96 ft Total Weight: 141.50 lb O.D. 2.75 in					

	Company	ENCANA OIL & GAS (USA)
	Well	ANDERSON 6-4-32
	Field	WATTENBERG
	County	WELD
	State	COLORADO