



**COMPENSATED DENSITY  
SIDEWALL NEUTRON LOG**

Company	COLT ENERGY, INC.	Company	COLT ENERGY, INC.
Well	CONGER # B10	Well	CONGER # B10
Field	MORAN	Field	MORAN
County	ALLEN	County	ALLEN
State	KANSAS	State	KANSAS
<b>Location:</b> AP# : 15-001-31232-0000 SW SE SE SE 191' FSL & 636' FEL SEC 14 TWP 25S RGE 19E		Other Services DIL	
Permanent Datum	GL	Elevation	1075'
Log Measured From	GL	K.B. ---	
Drilling Measured From	GL	D.F. ---	
		G.L. 1075'	
Date	4-28-2015		
Run Number	ONE		
Depth Driller	970'		
Depth Logger	965'		
Bottom Logged Interval	963'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 21.50'		
Casing Logger	8 5/8" @ 21.50'		
Bit Size	6 3/4"		
Type Fluid in Hole	MUD		
Density / Viscosity			
pH / Fluid Loss			
Source of Sample			
Rm @ Meas. Temp			
Rmf @ Meas. Temp			
Rmc @ Meas. Temp			
Source of Rmf / Rmc			
Rm @ BHT			
Time Circulation Stopped			
Time Logger on Bottom			
Maximum Recorded Temperature			
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	LOWERY		
Witnessed By	MS. ASHLOCK		

<<< 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**

OW2-8817  
 MATRIX LIMESTONE 2.71g/cc  
 ABHV COMPUTED WITH 4 1/2" CASING

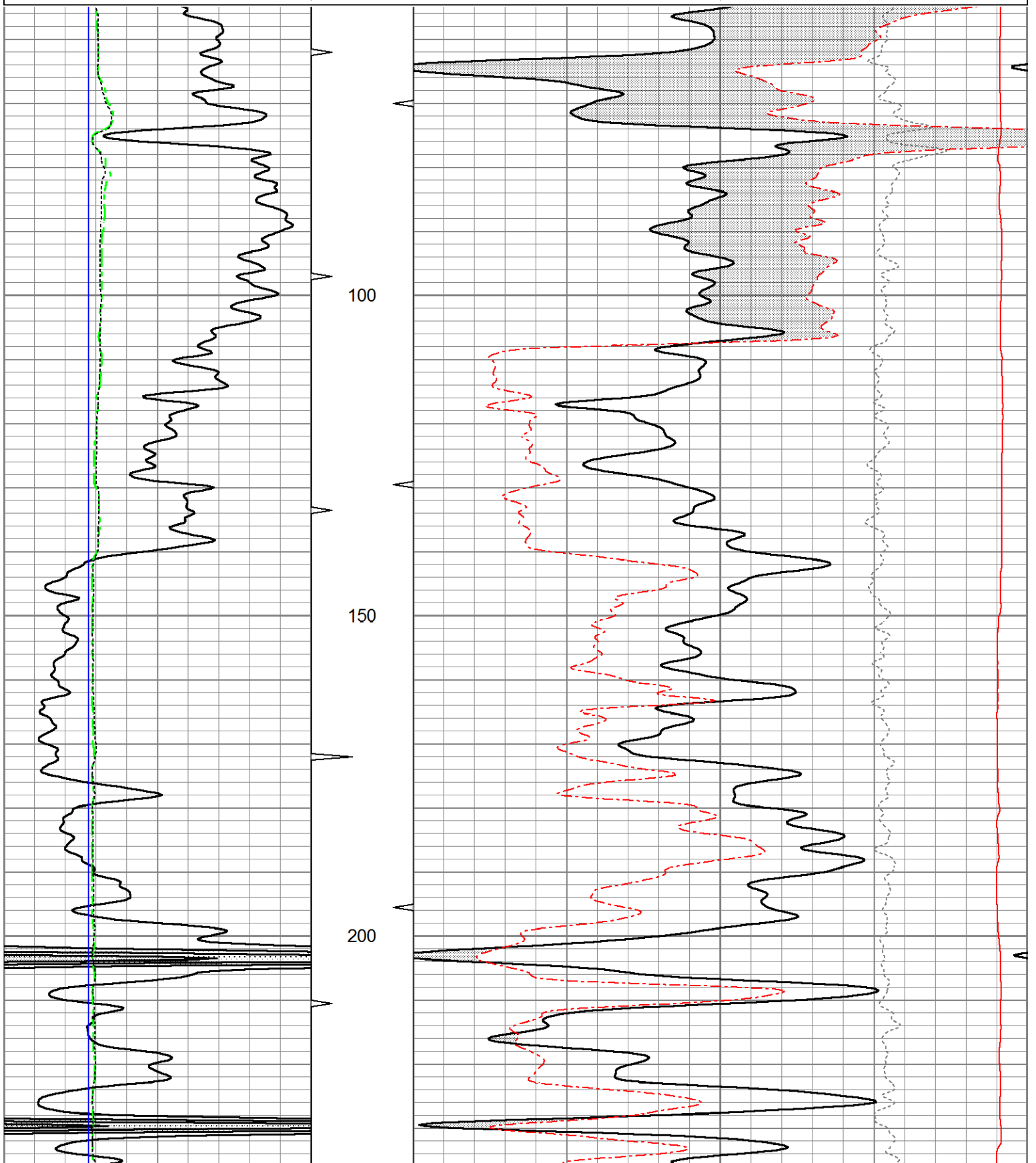
**CREW : SHAMBLES**

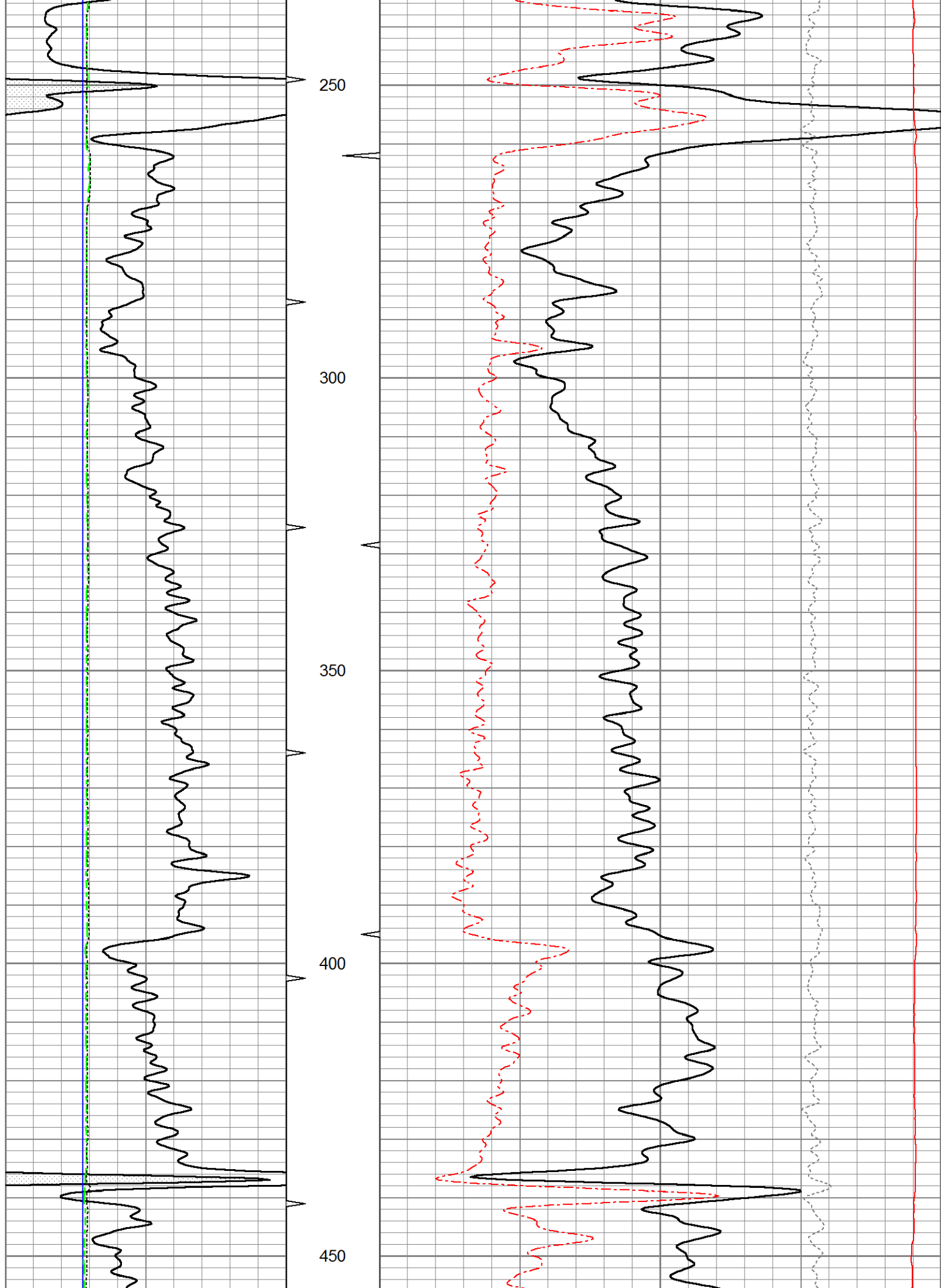


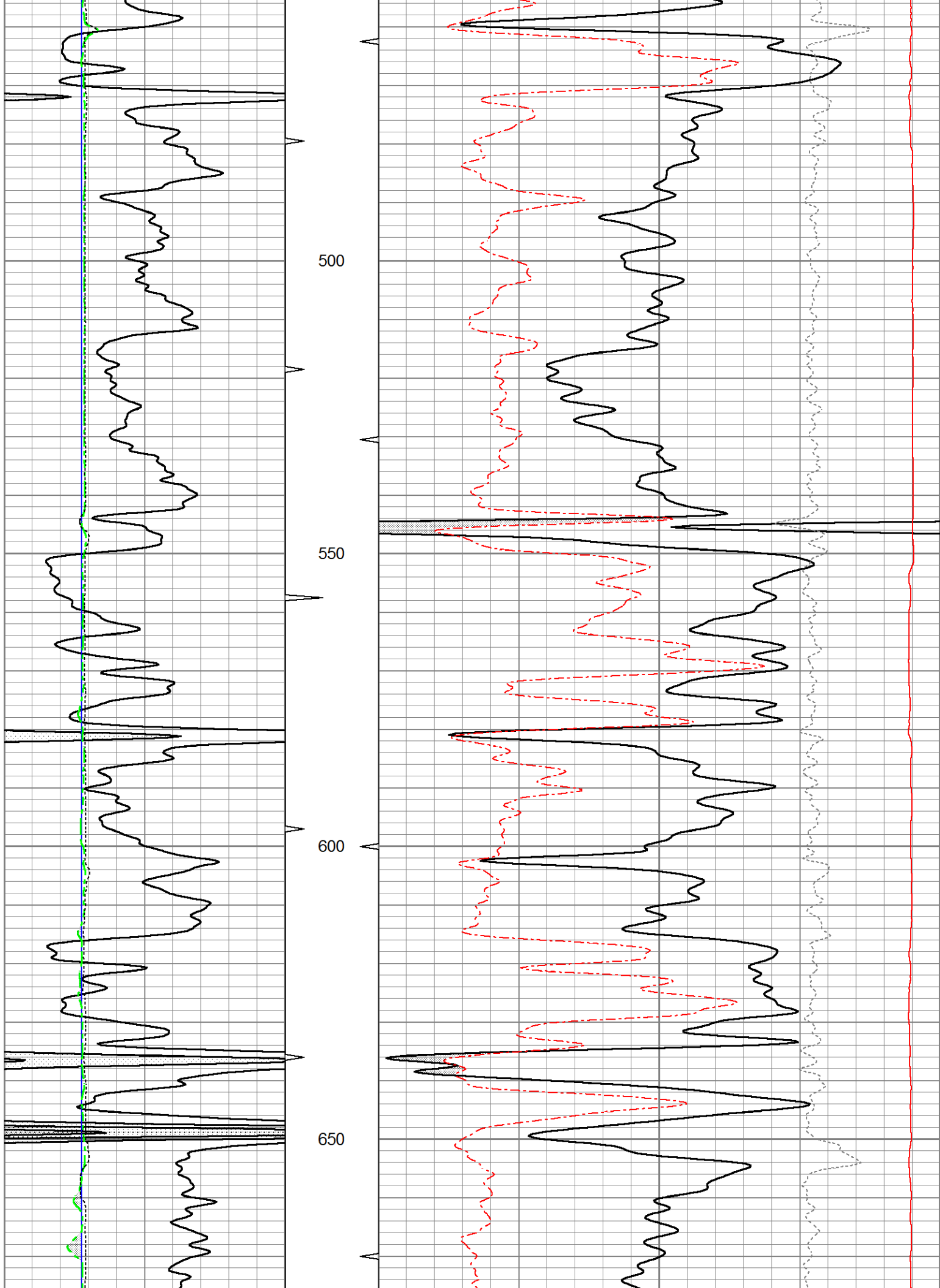
**5" CDL/SWN SECTION**

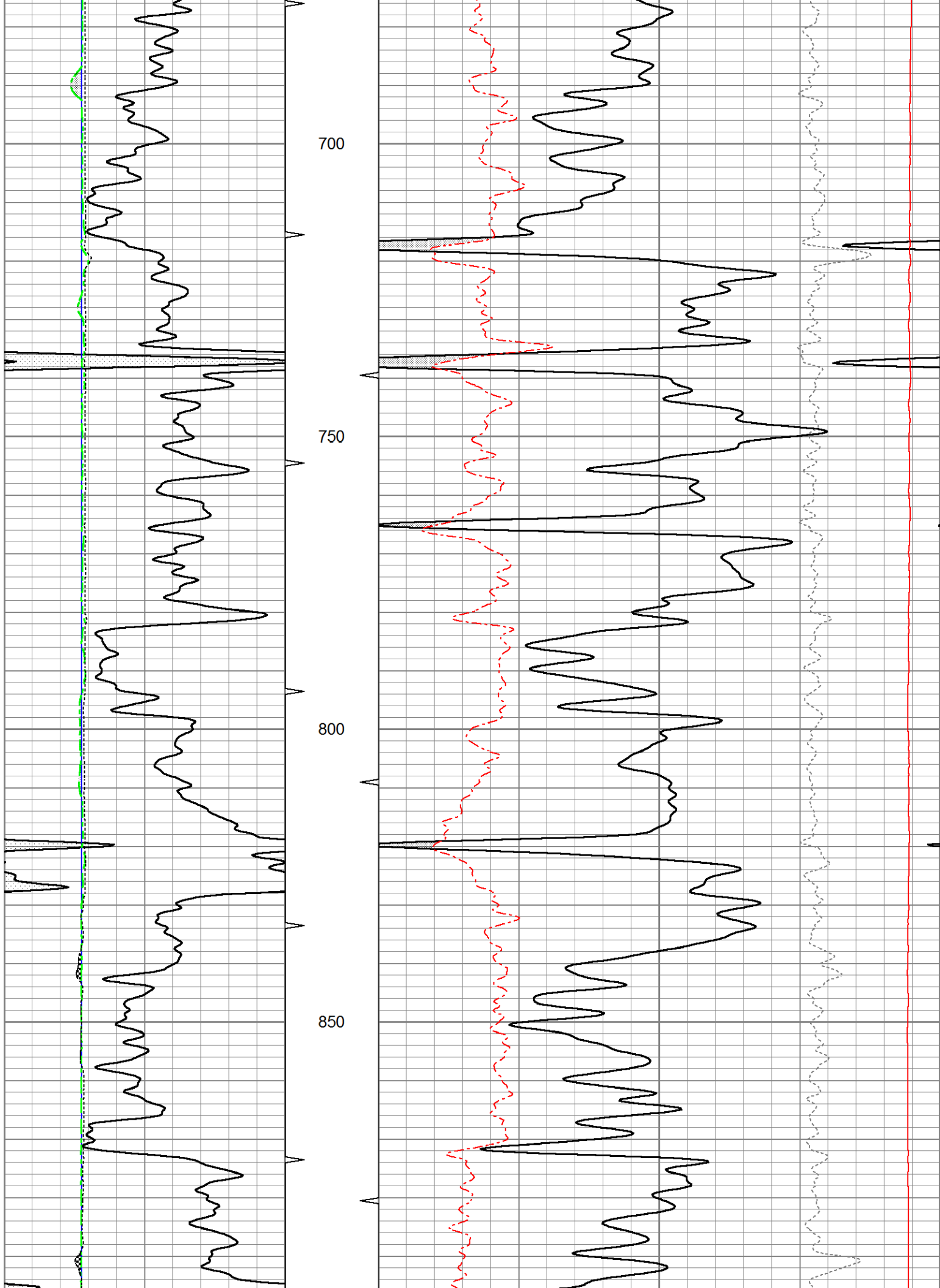
Database File ow2-8817 colt energy.db  
 Dataset Pathname CDL/pass1.4  
 Presentation Format \_neu4  
 Dataset Creation Tue Apr 28 13:34:22 2015  
 Charted by Depth in Feet scaled 1:240

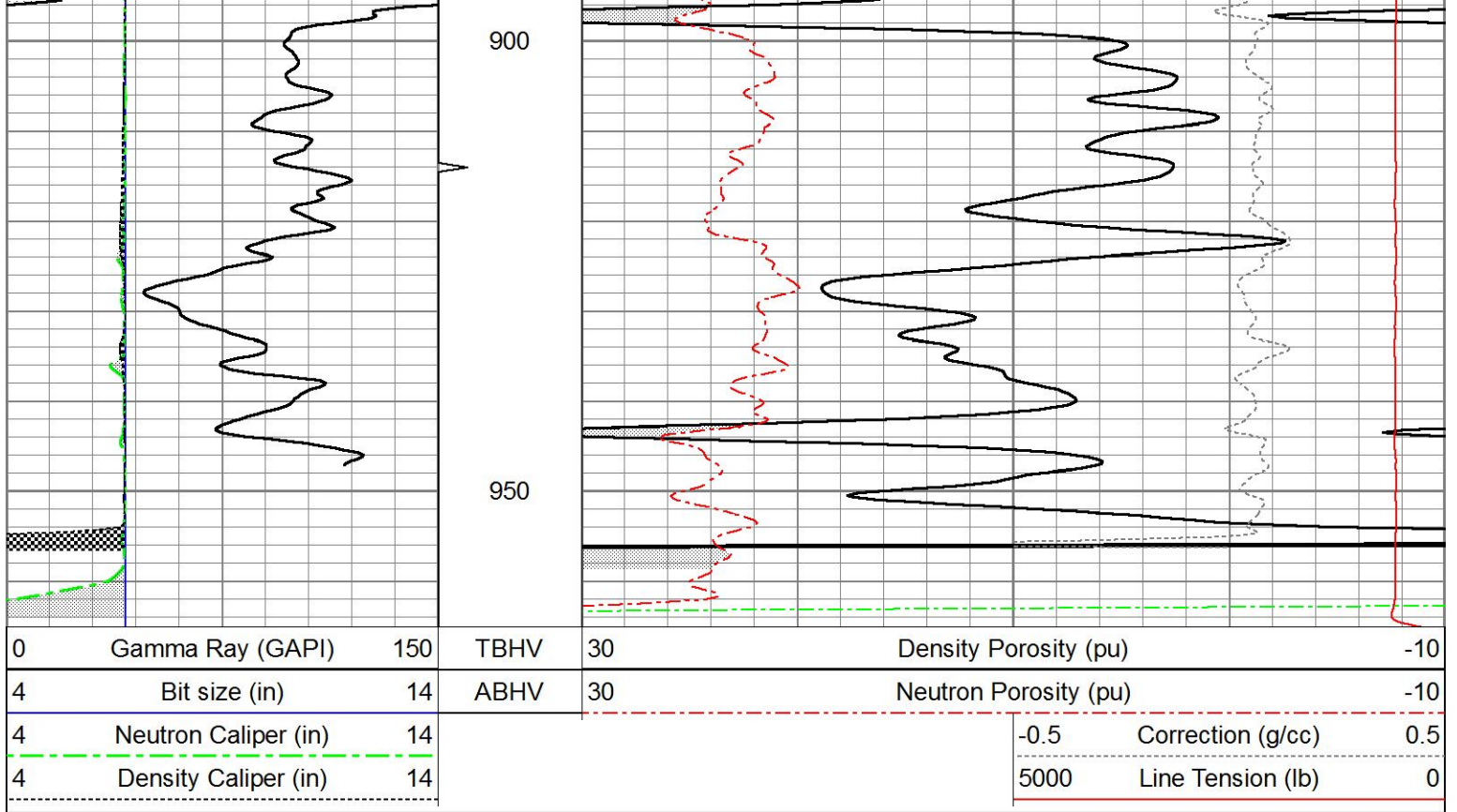
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0







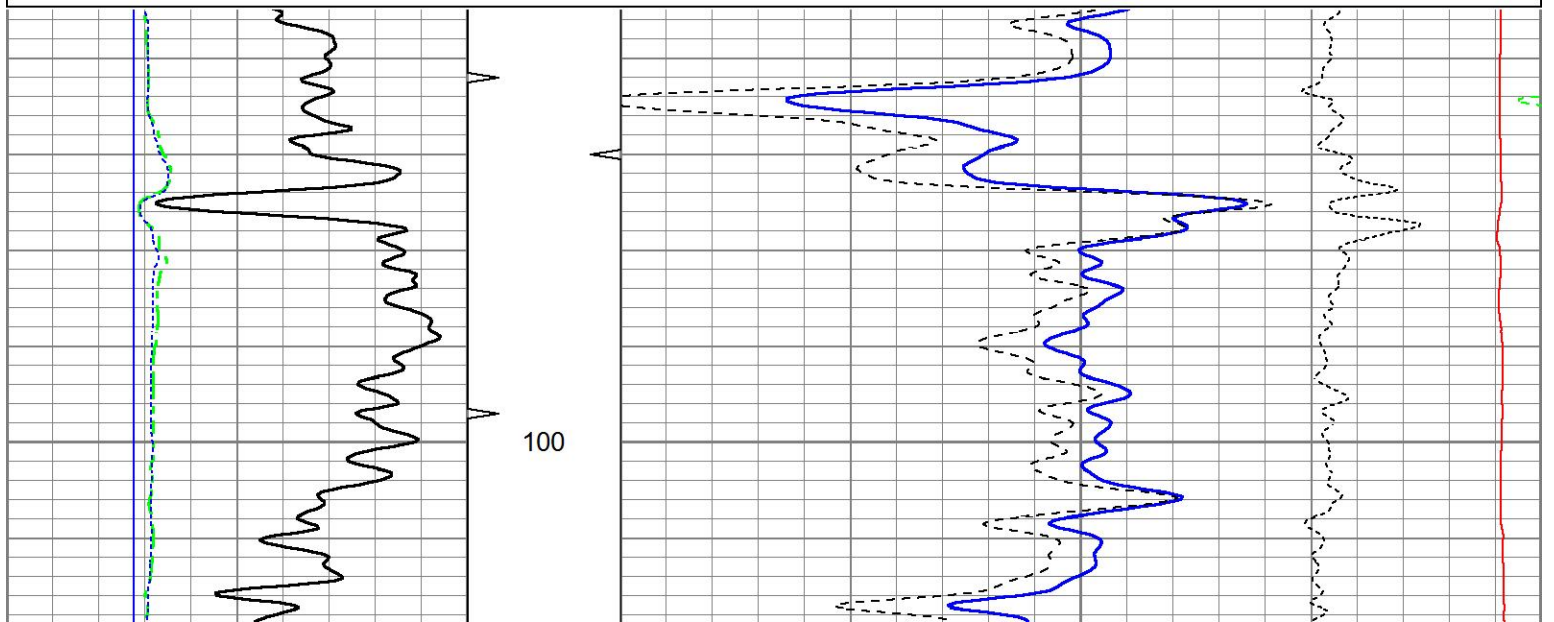


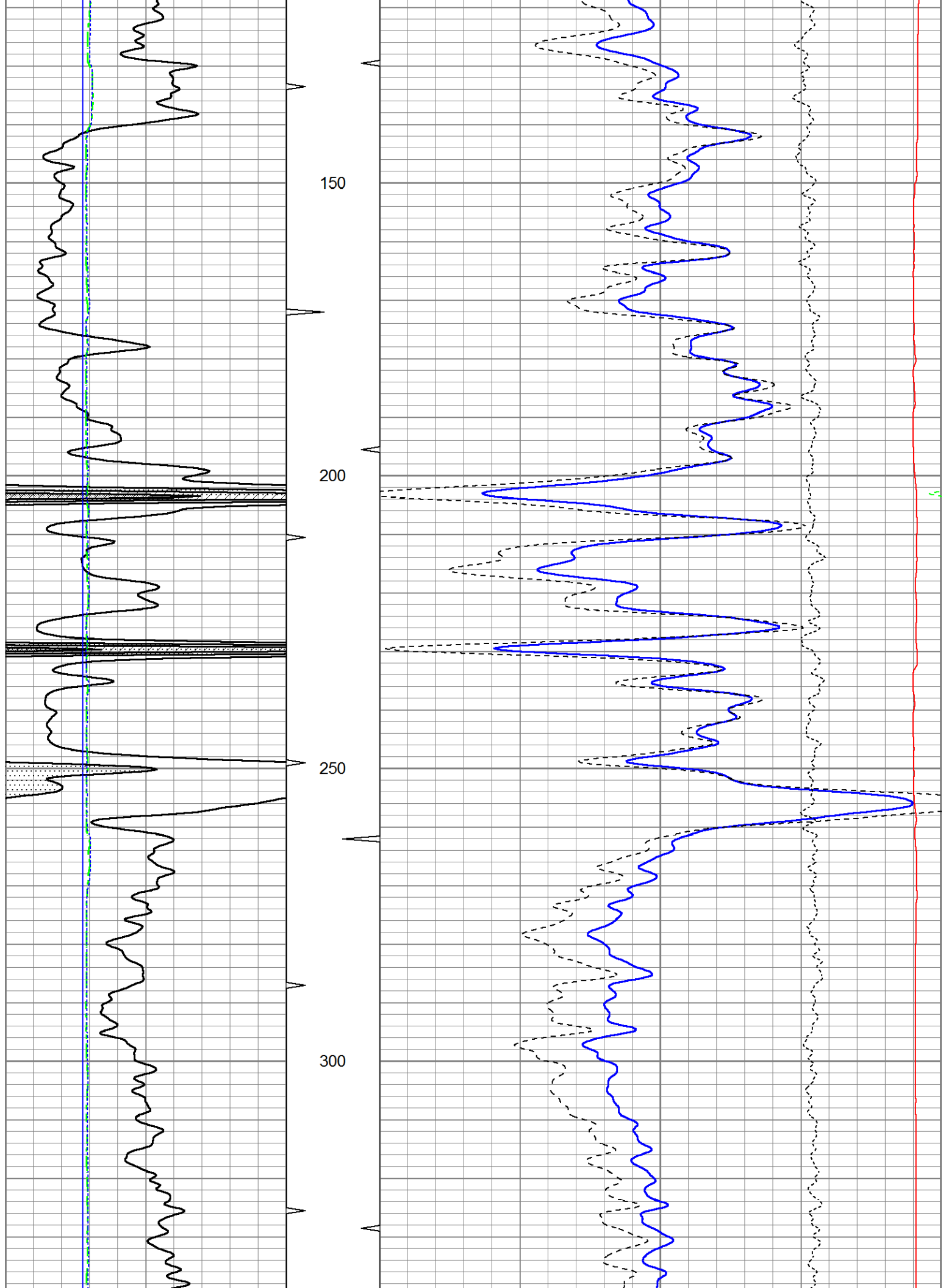


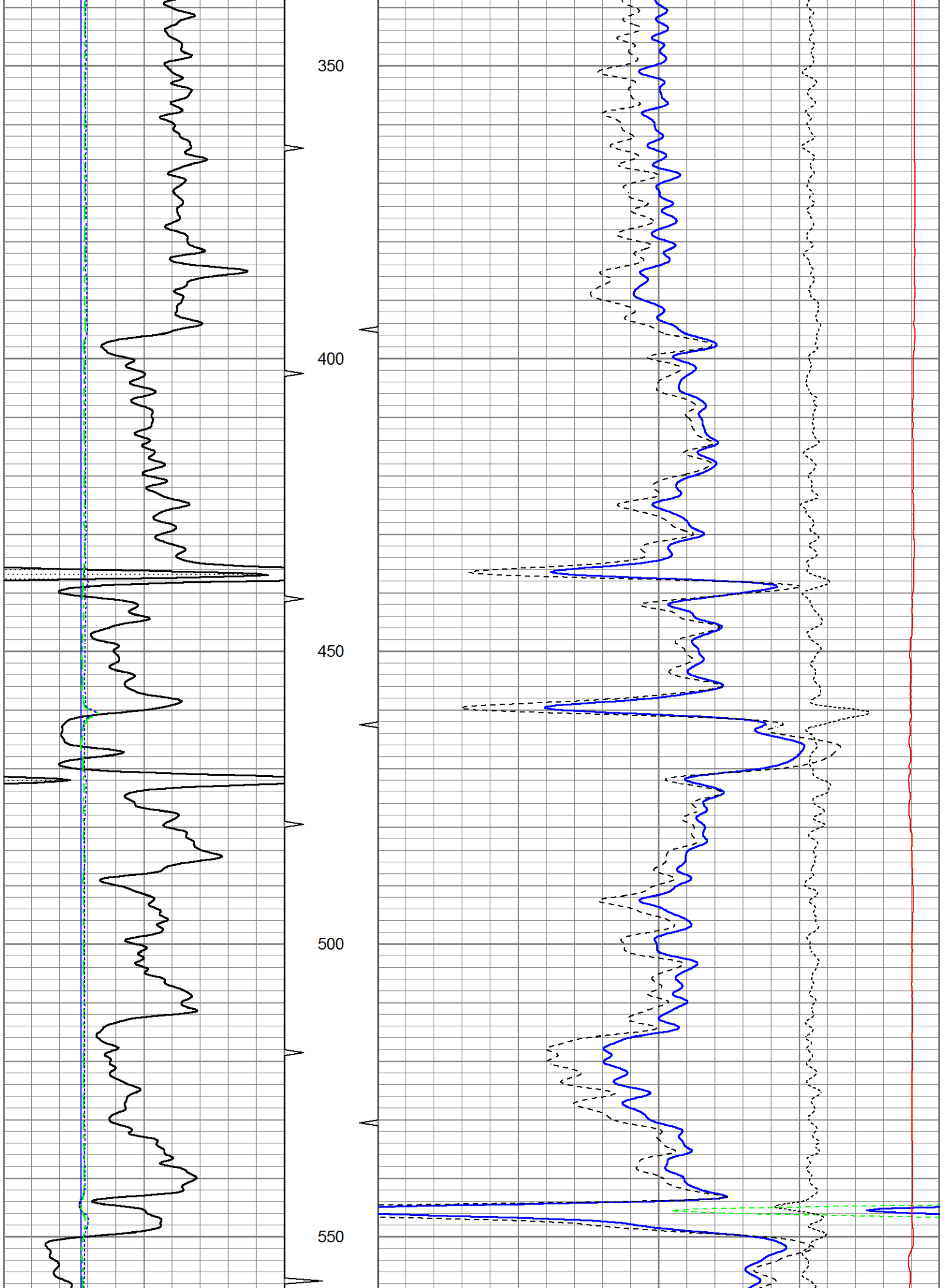
# 5" CDL SECTION

Database File ow2-8817 colt energy.db  
 Dataset Pathname CDL/pass1.3  
 Presentation Format bulk4  
 Dataset Creation Tue Apr 28 13:32:27 2015  
 Charted by Depth in Feet scaled 1:240

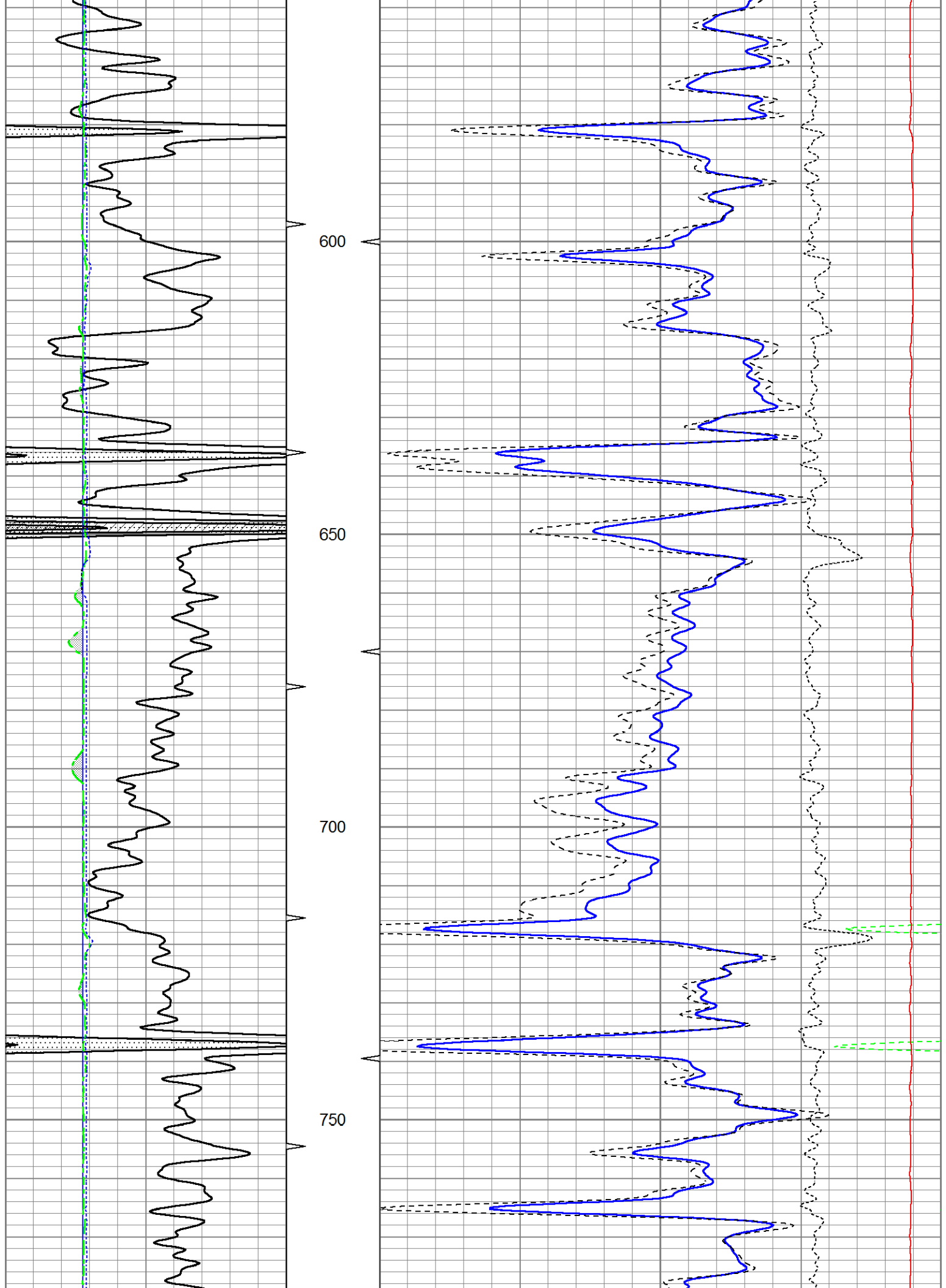
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

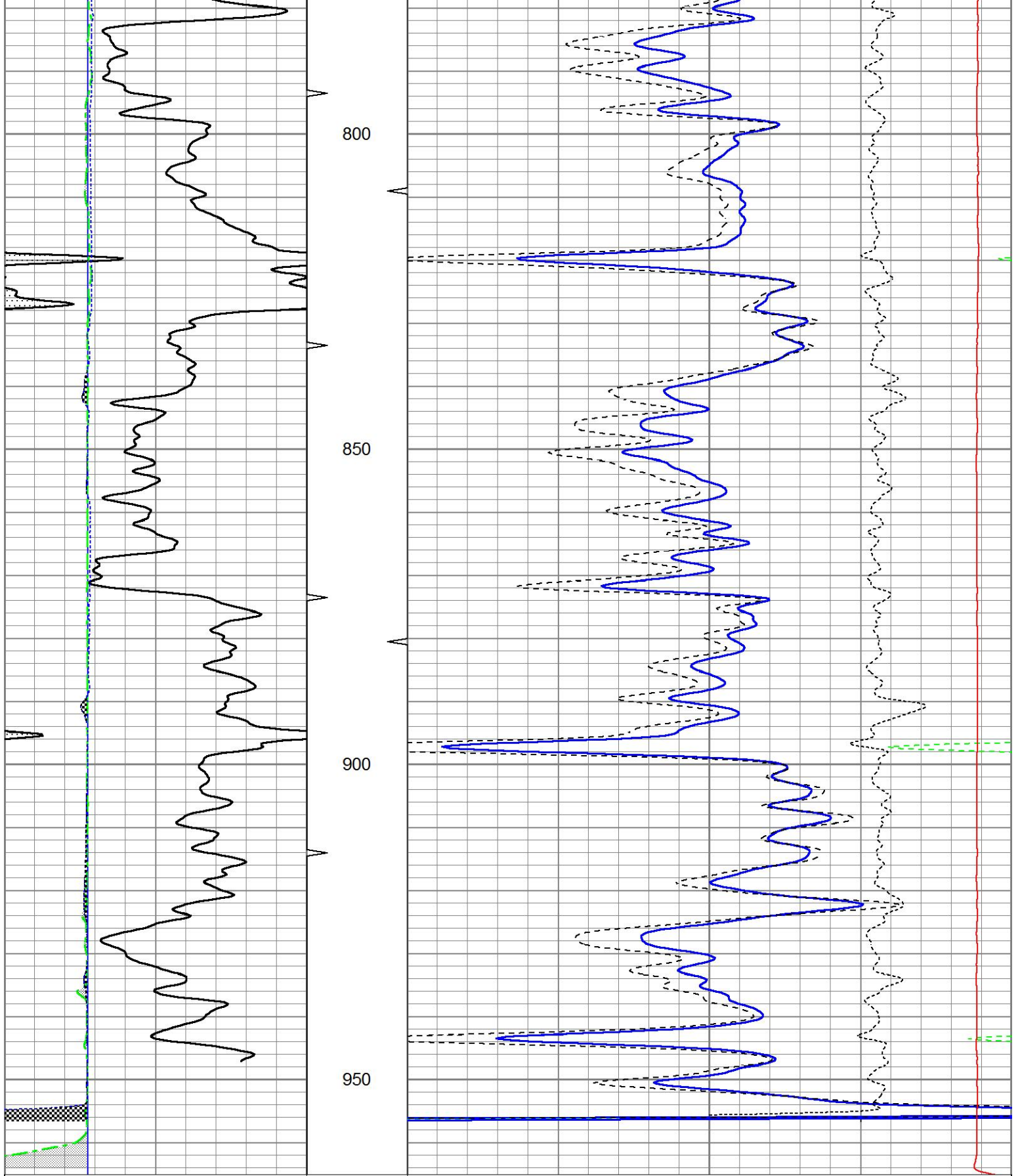








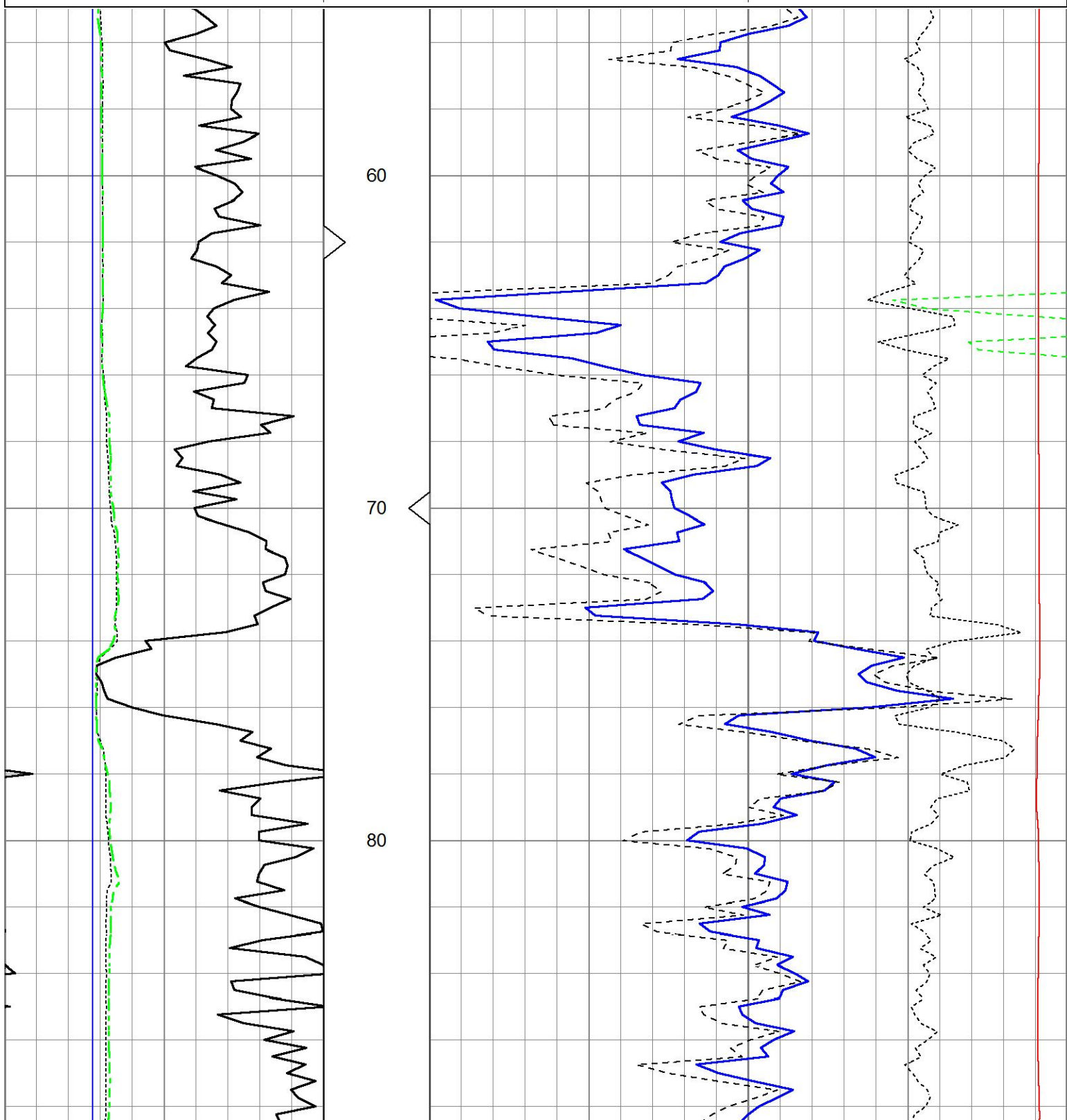


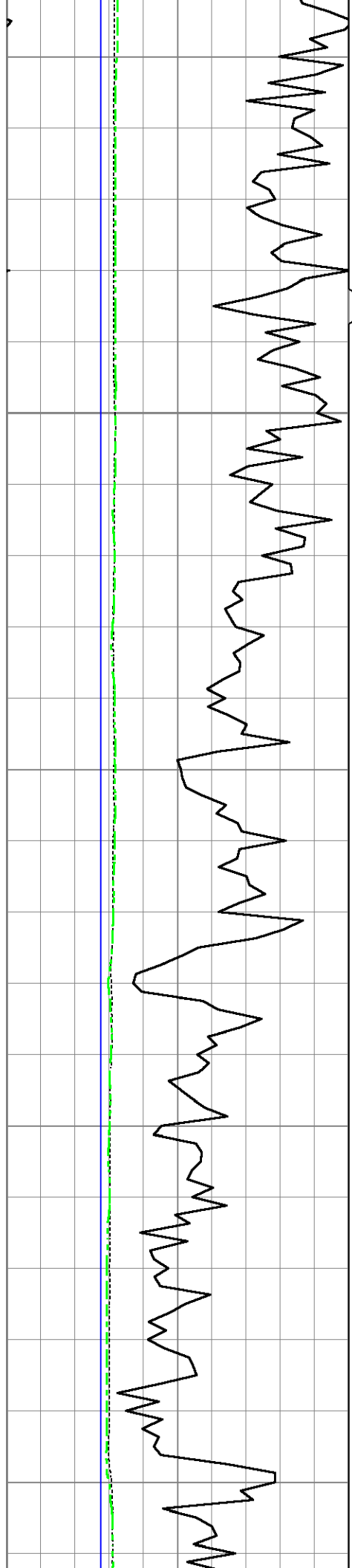


0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3	
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10	
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14			5000	Line Tension (lb)	0

Database File ow2-8817 colt energy.db  
 Dataset Pathname CDL/pass1.5  
 Presentation Format bulk4hr  
 Dataset Creation Tue Apr 28 13:34:36 2015  
 Charted by Depth in Feet scaled 1:48

0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Neutron Caliper (in)	14			5000	Line Tension (lb) 0





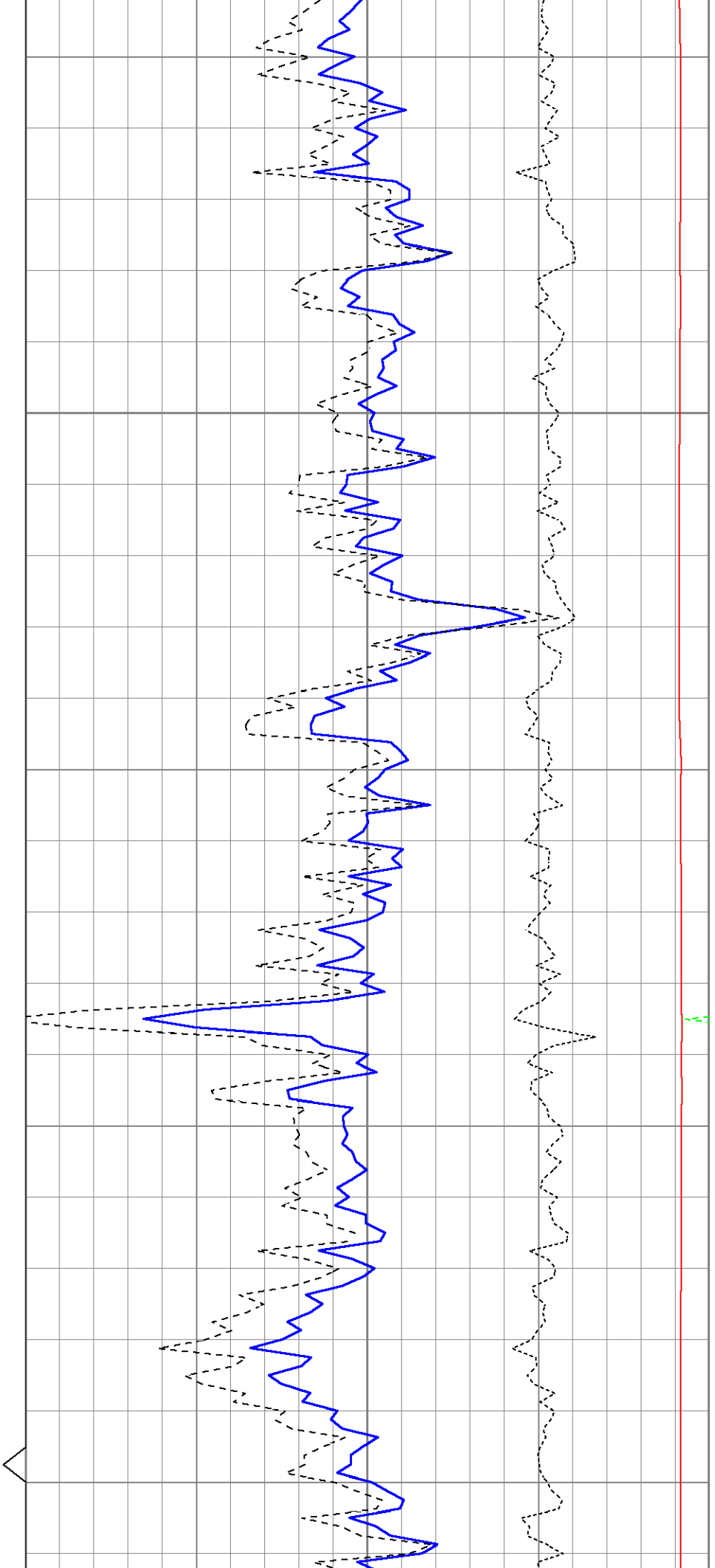
90

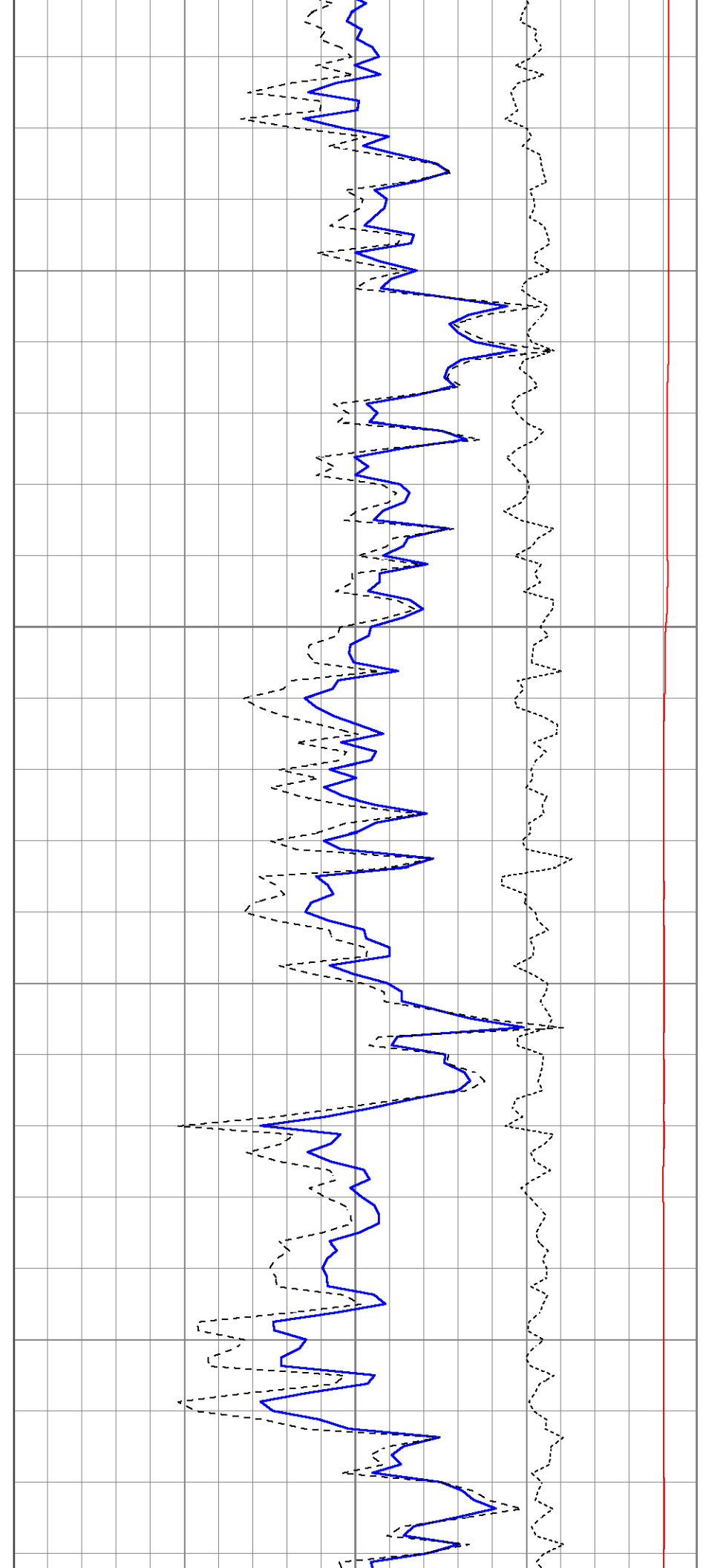
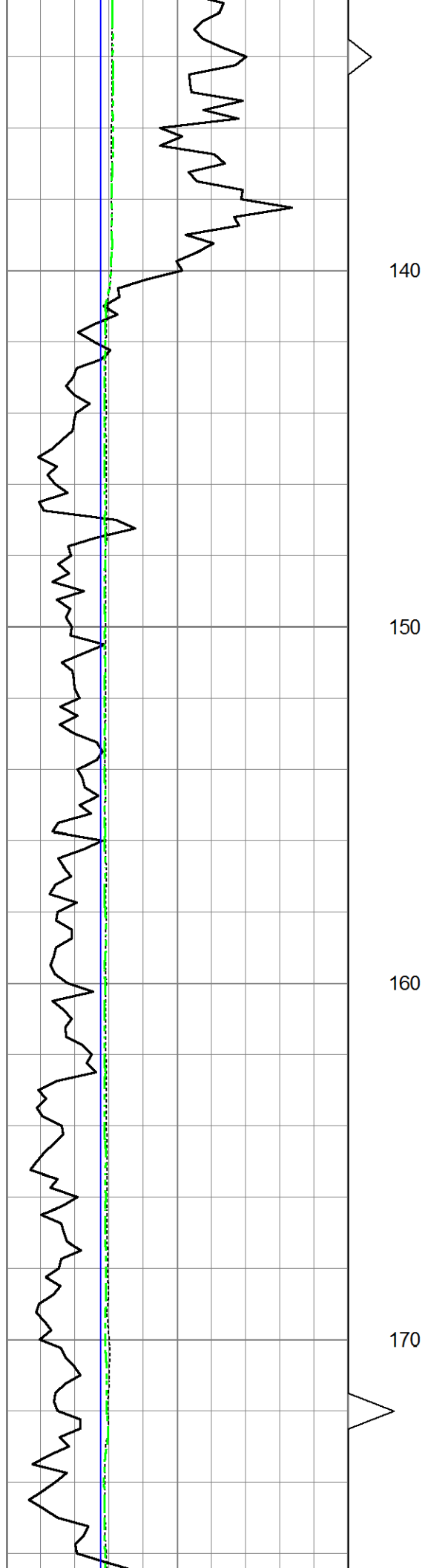
100

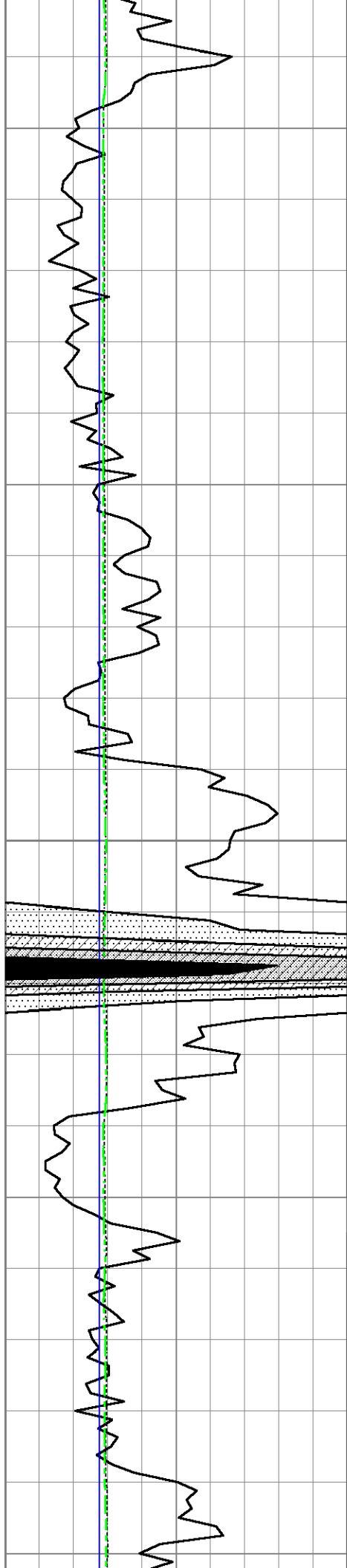
110

120

130







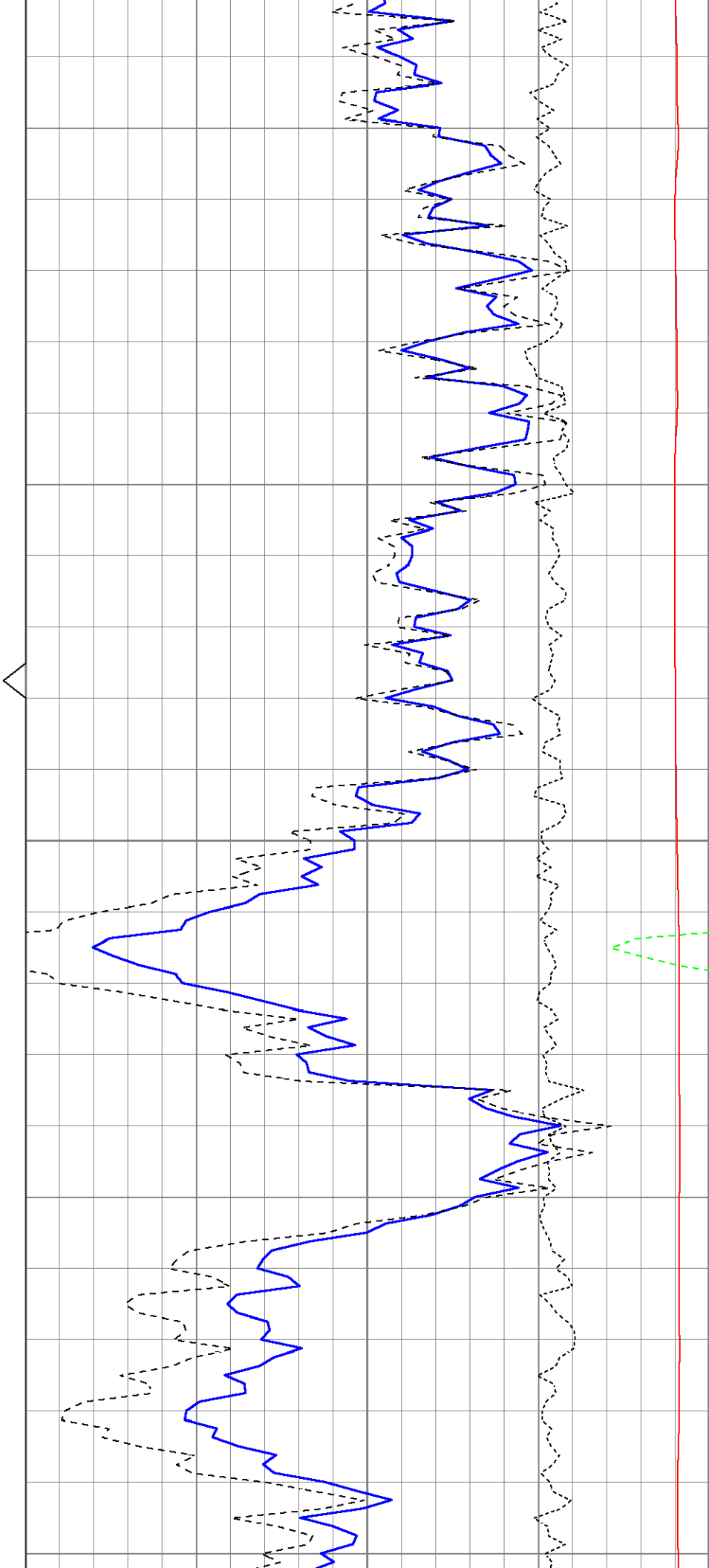
180

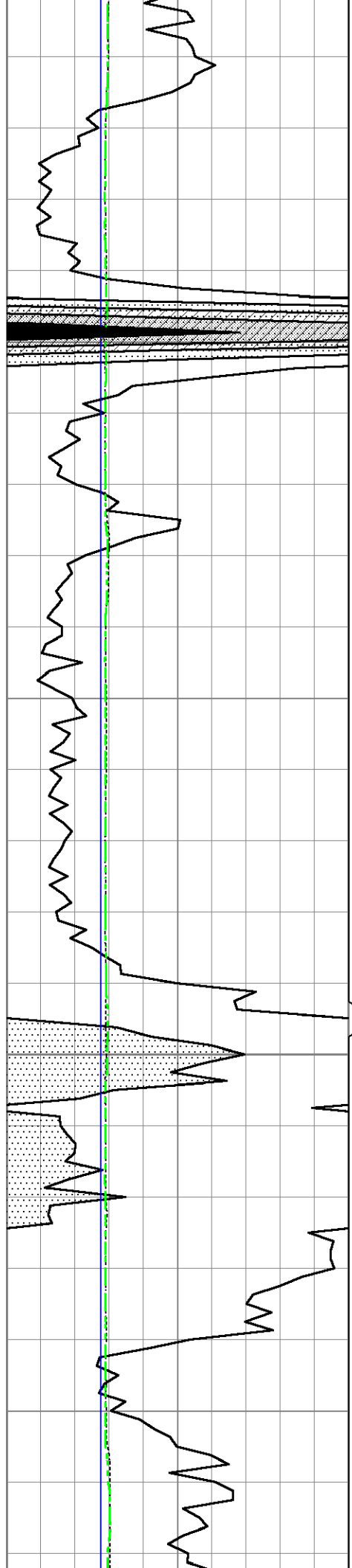
190

200

210

220



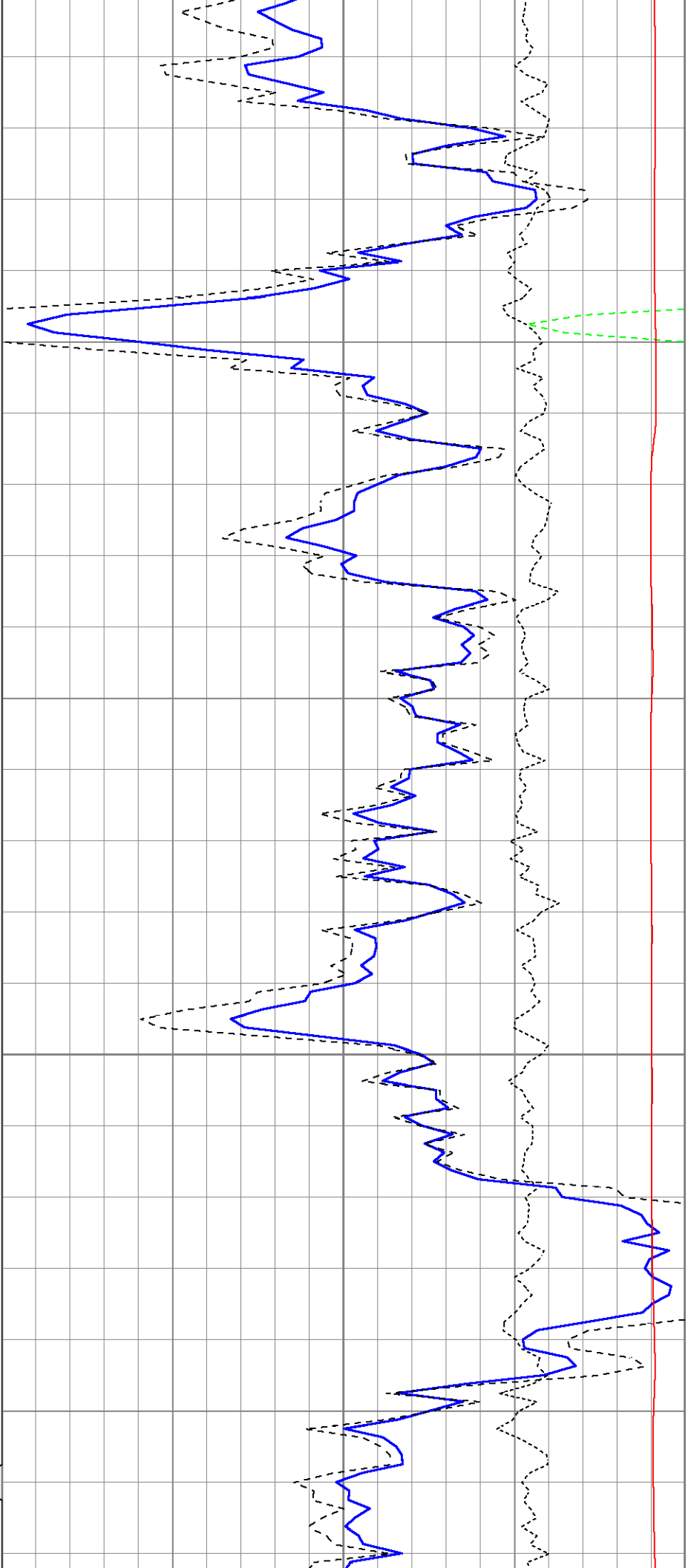


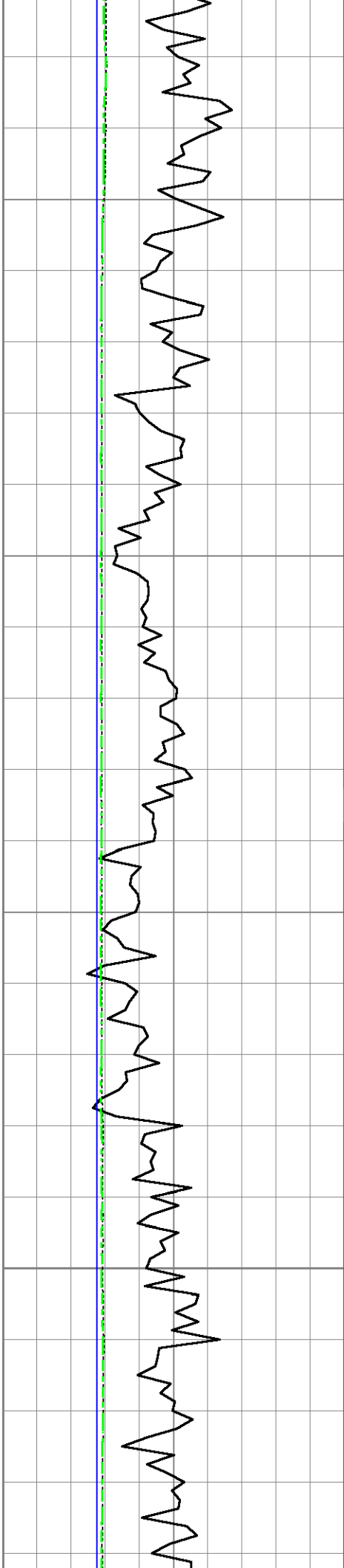
230

240

250

260



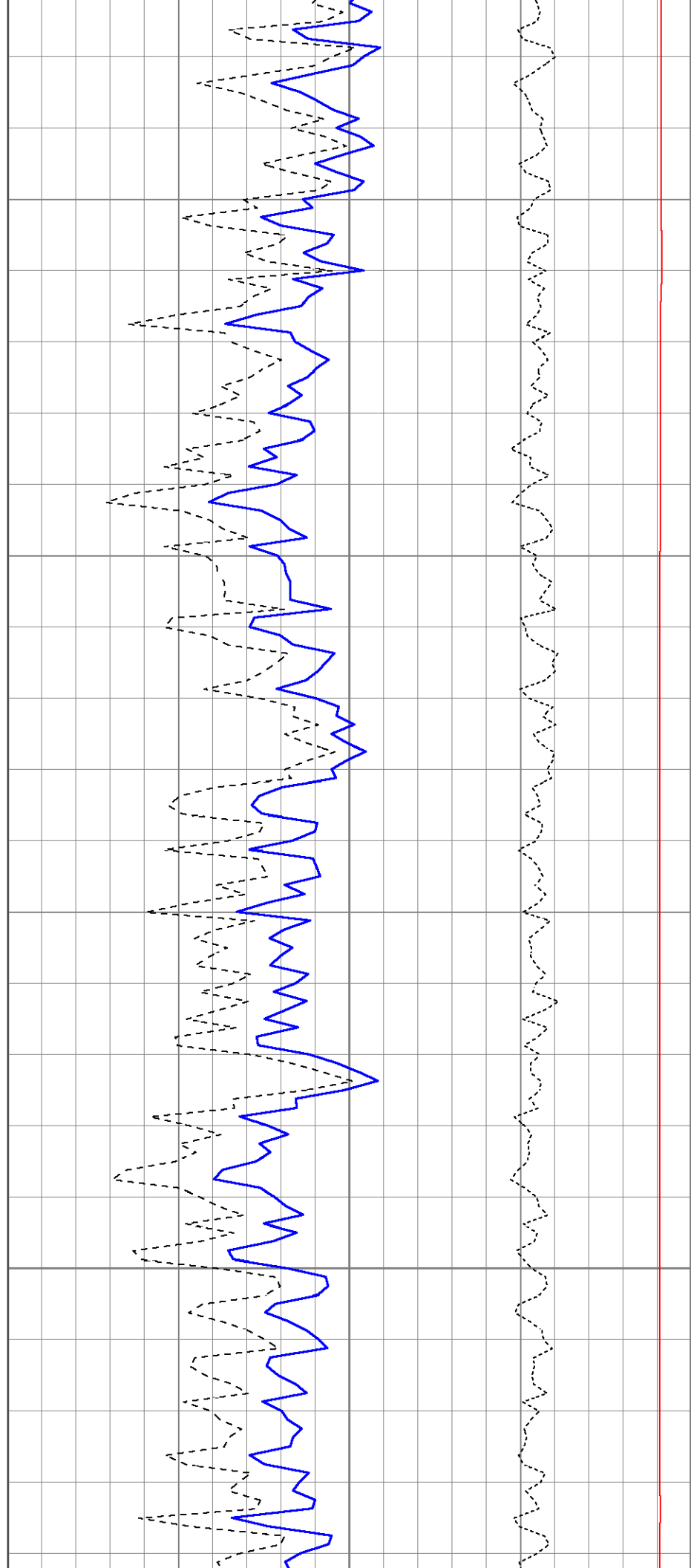


270

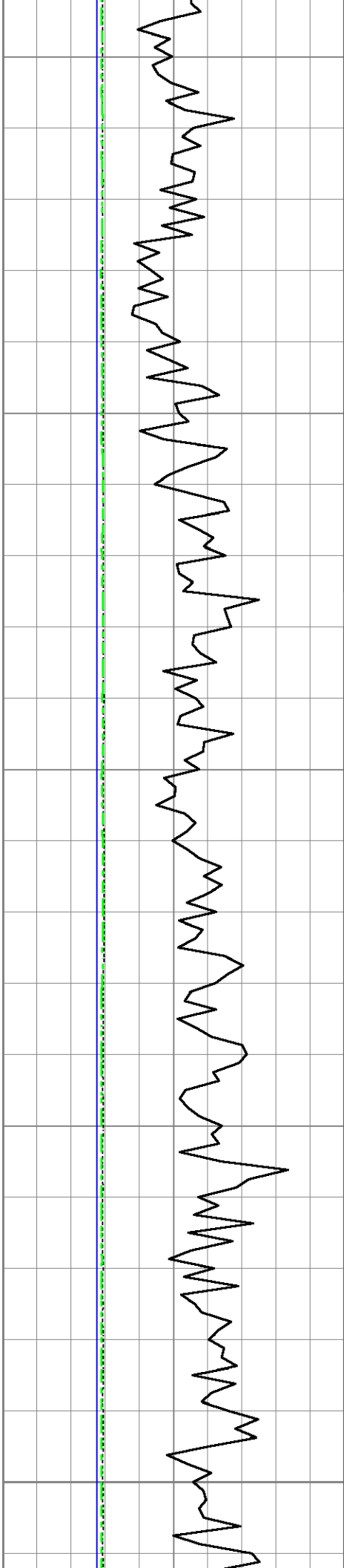
280

290

300







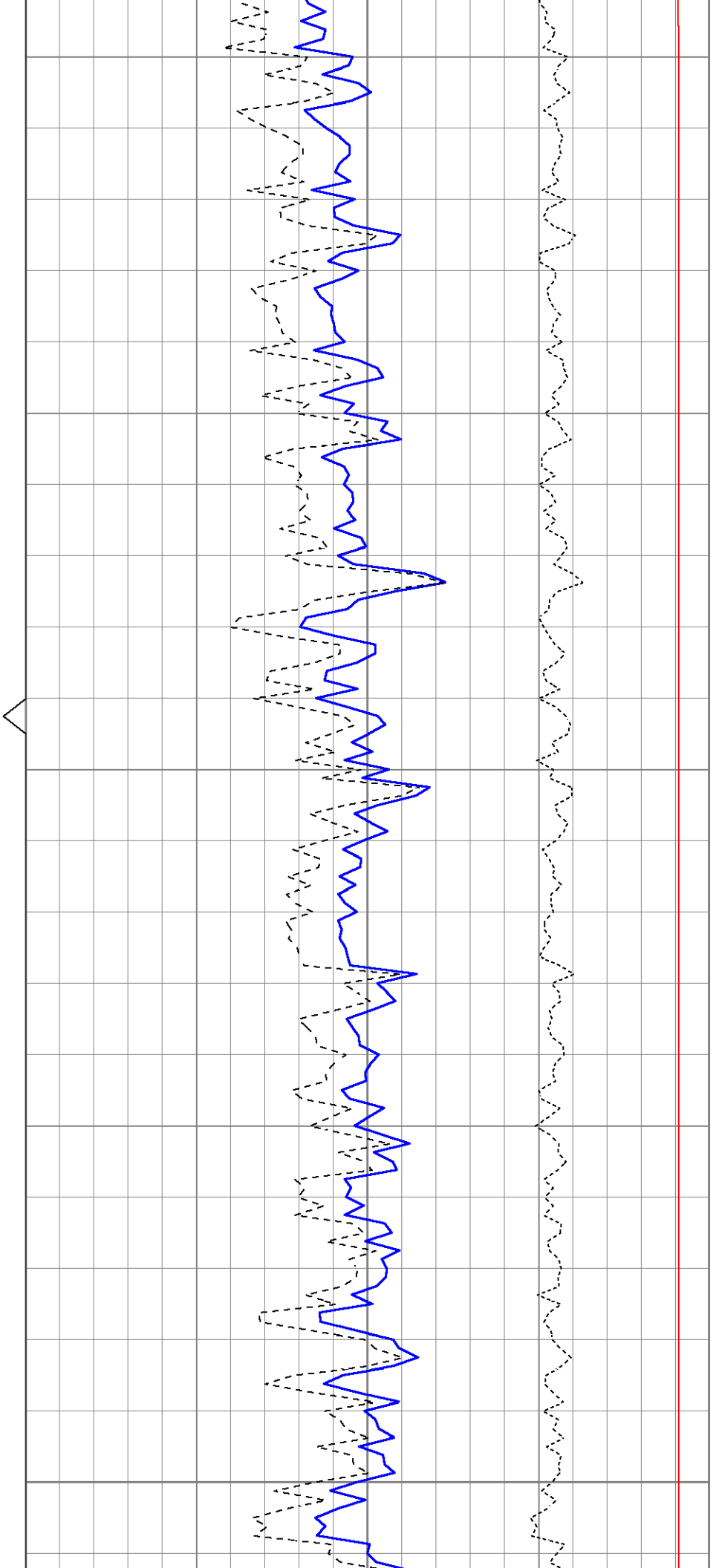
310

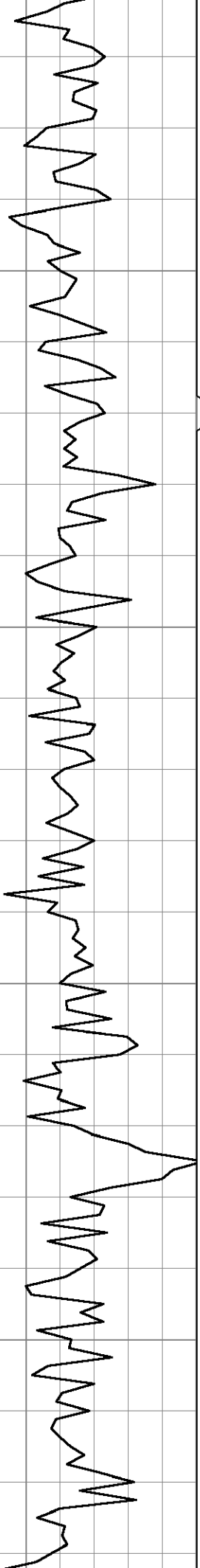
320

330

340

350



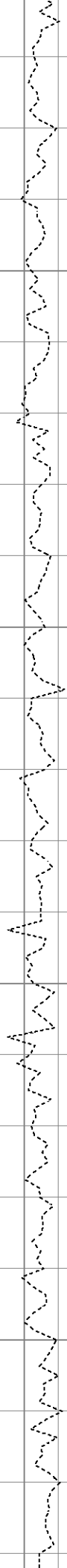
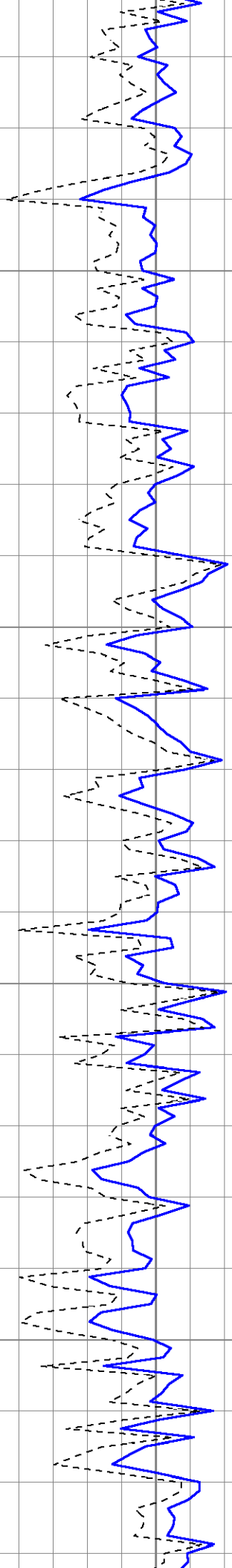


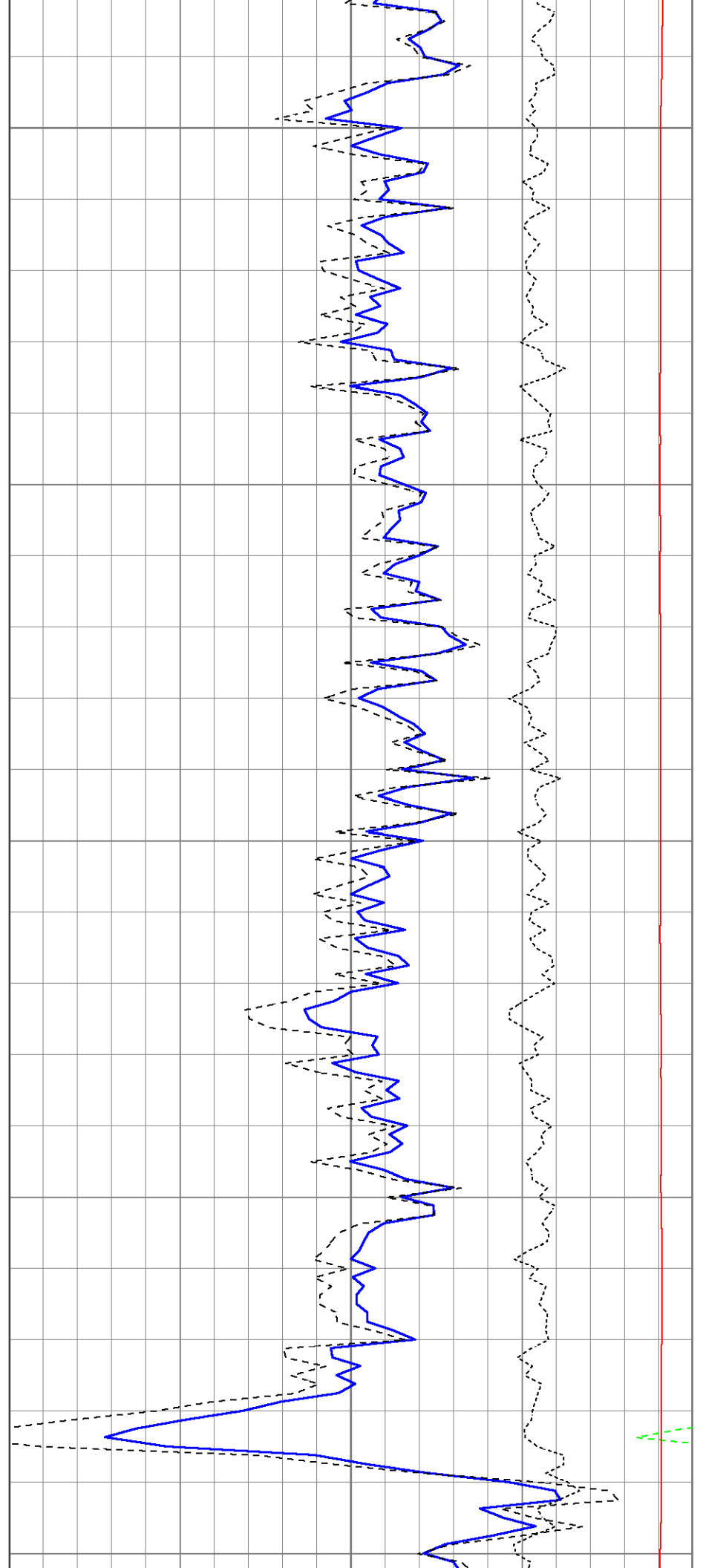
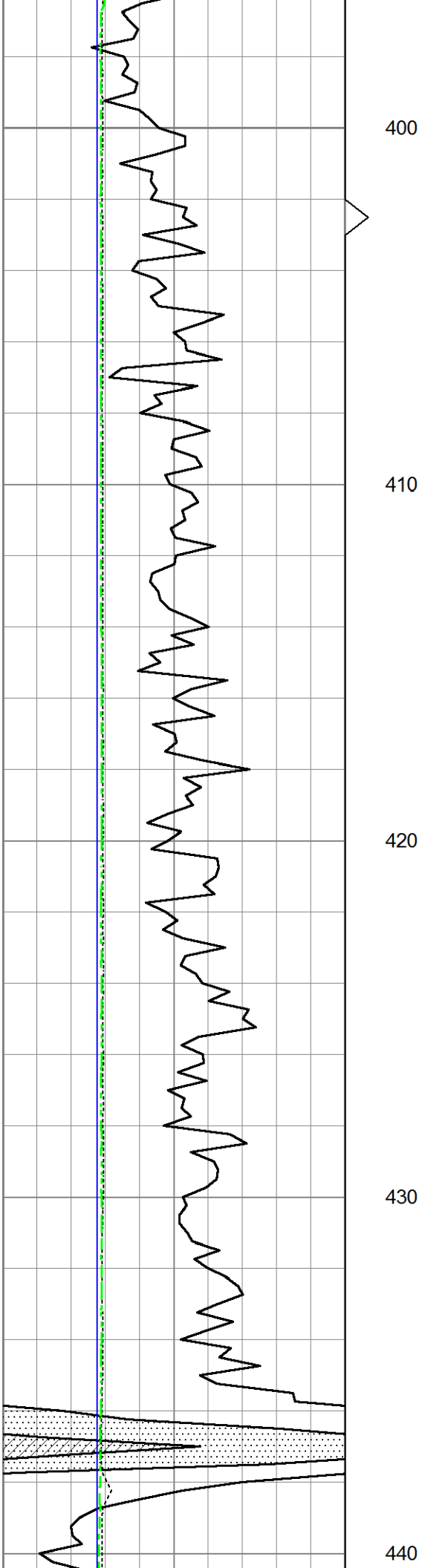
360

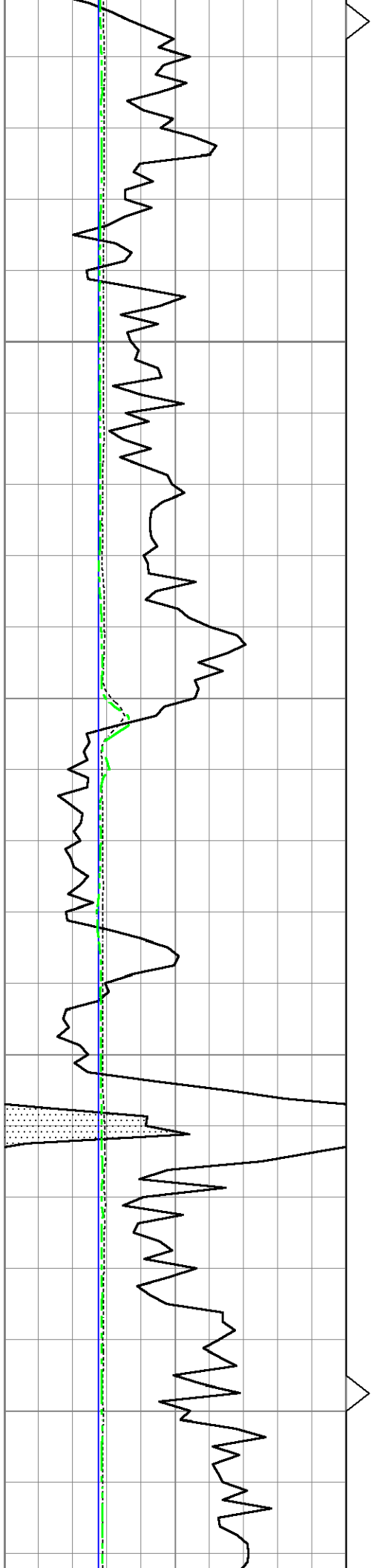
370

380

390





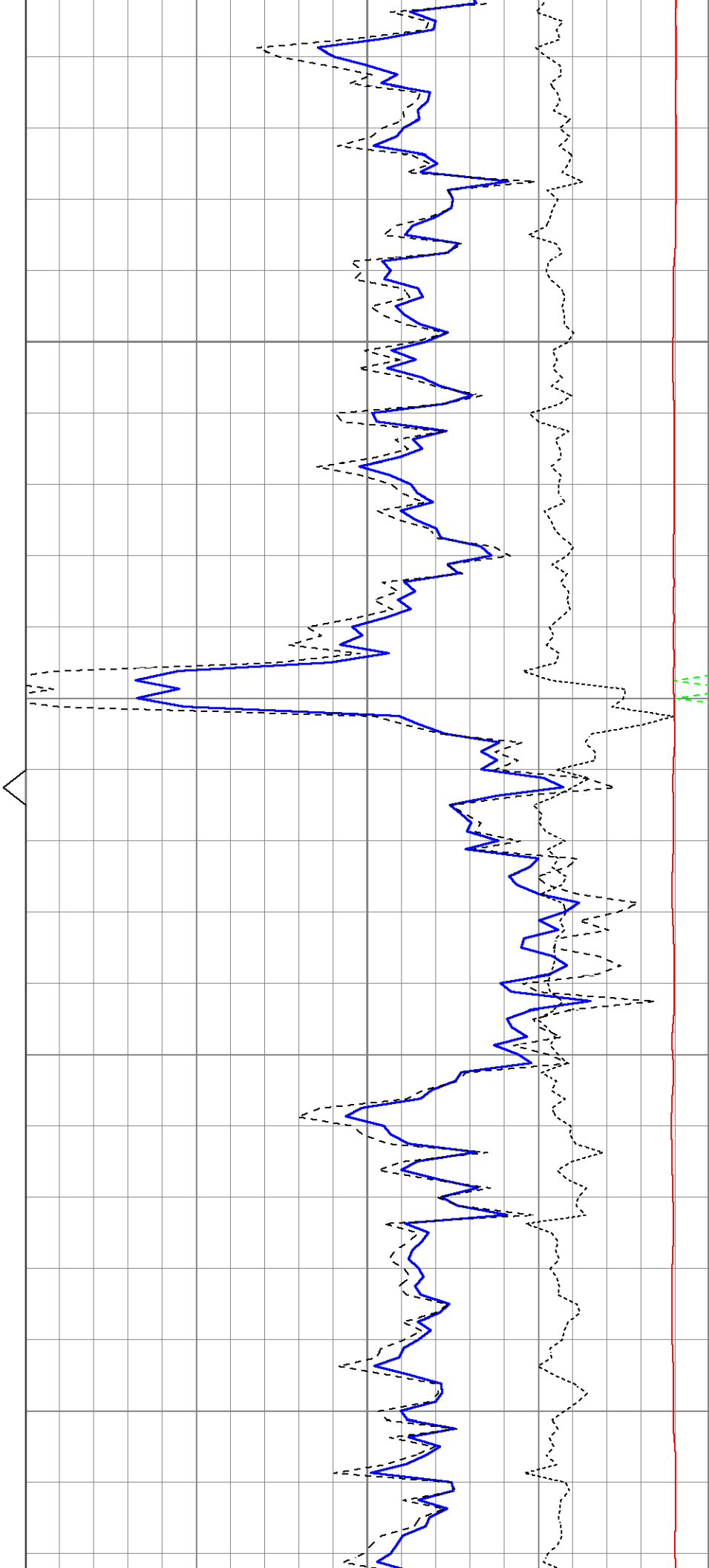


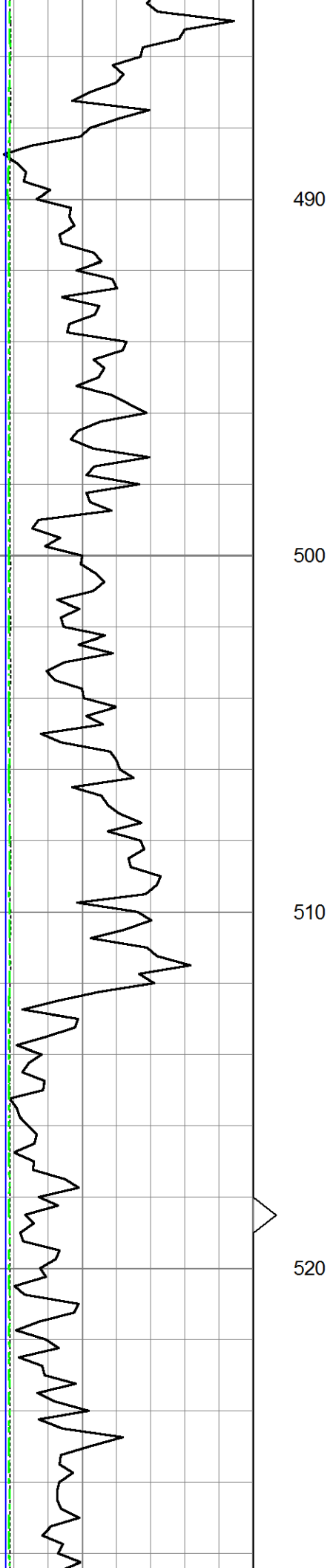
450

460

470

480



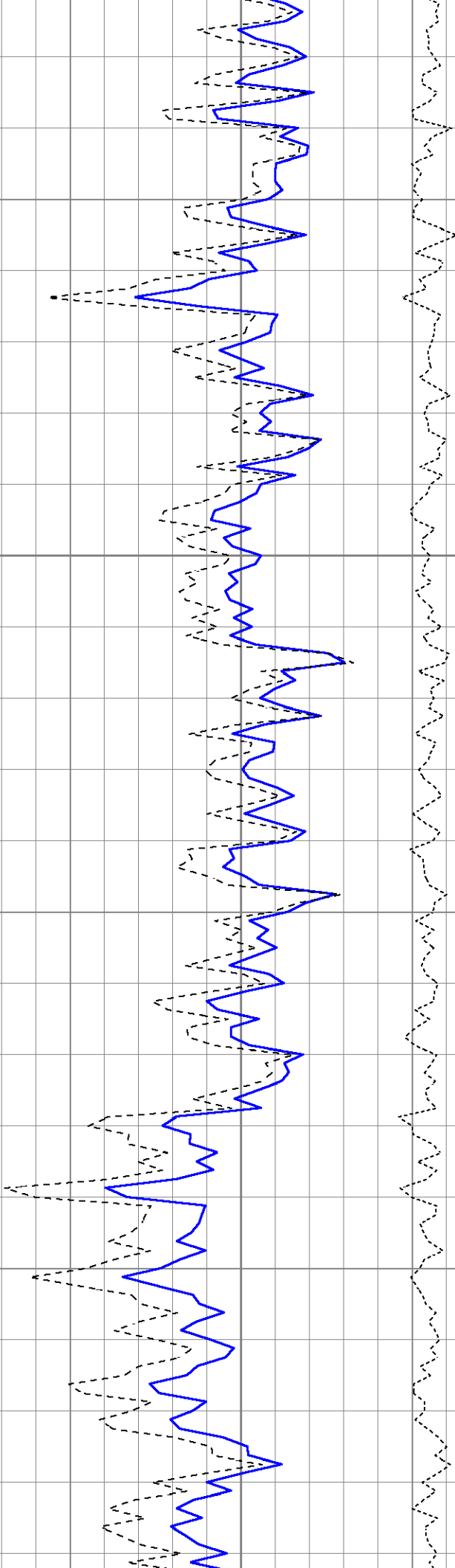


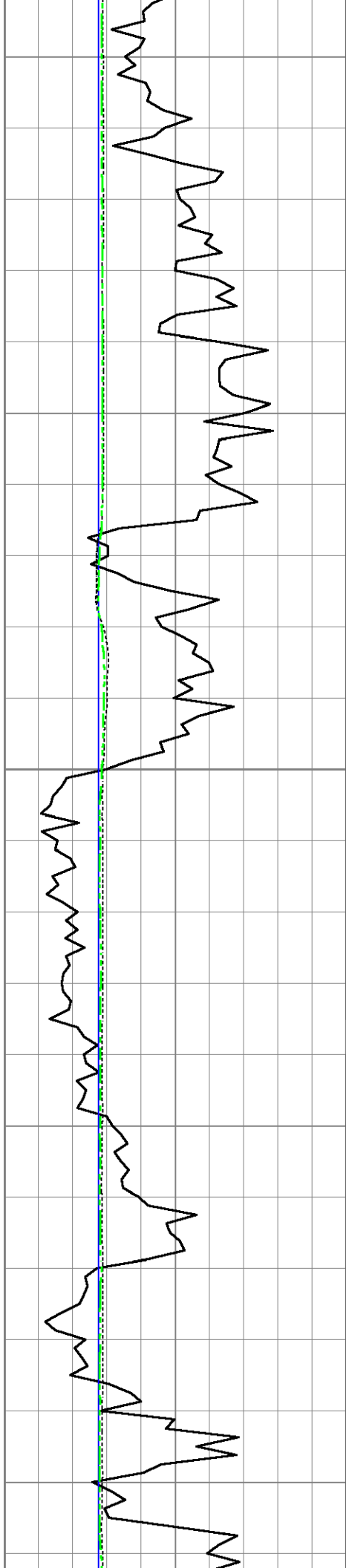
490

500

510

520





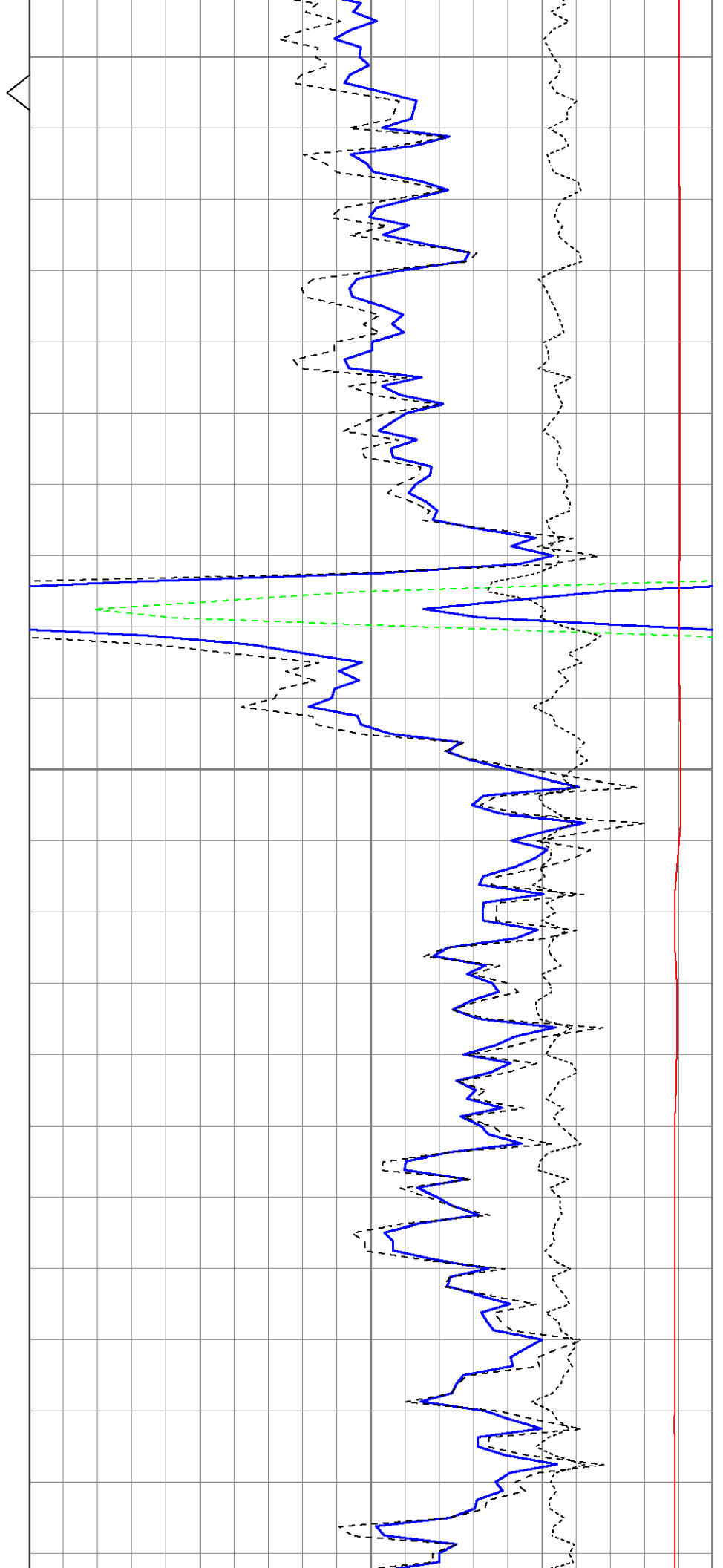
530

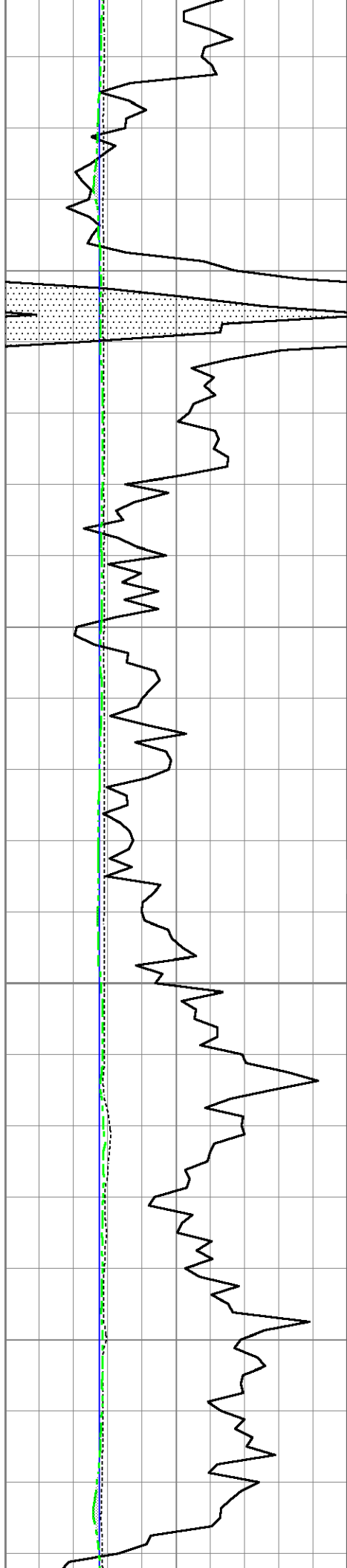
540

550

560

570



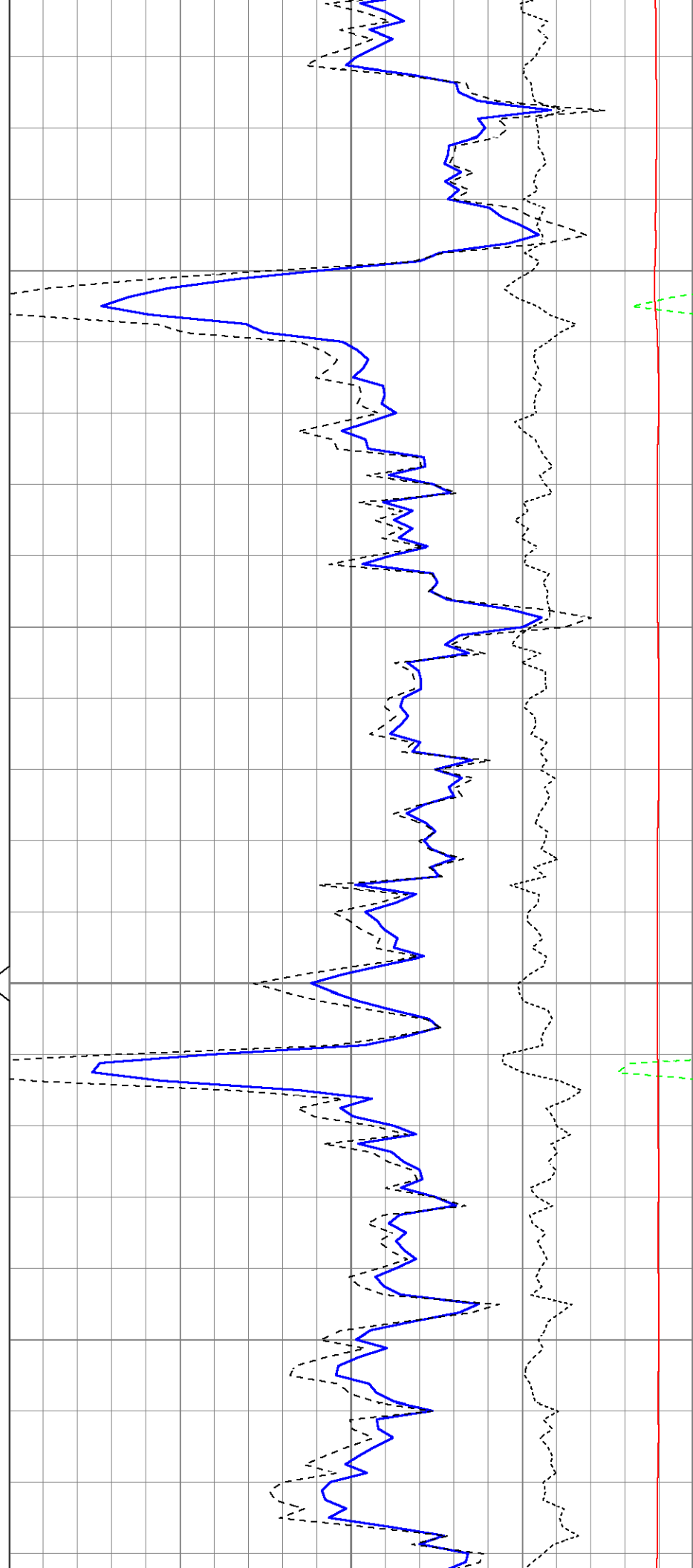


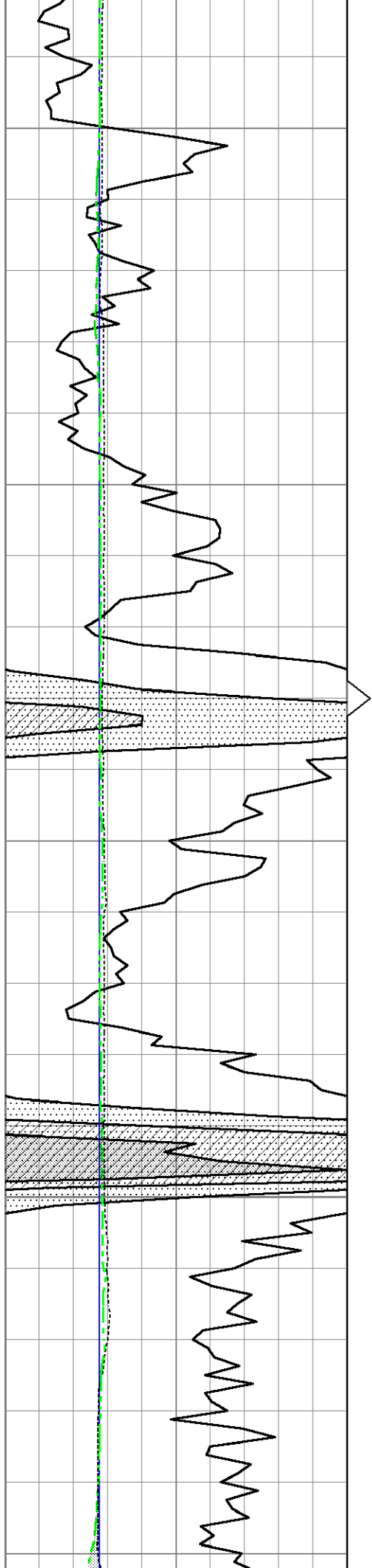
580

590

600

610





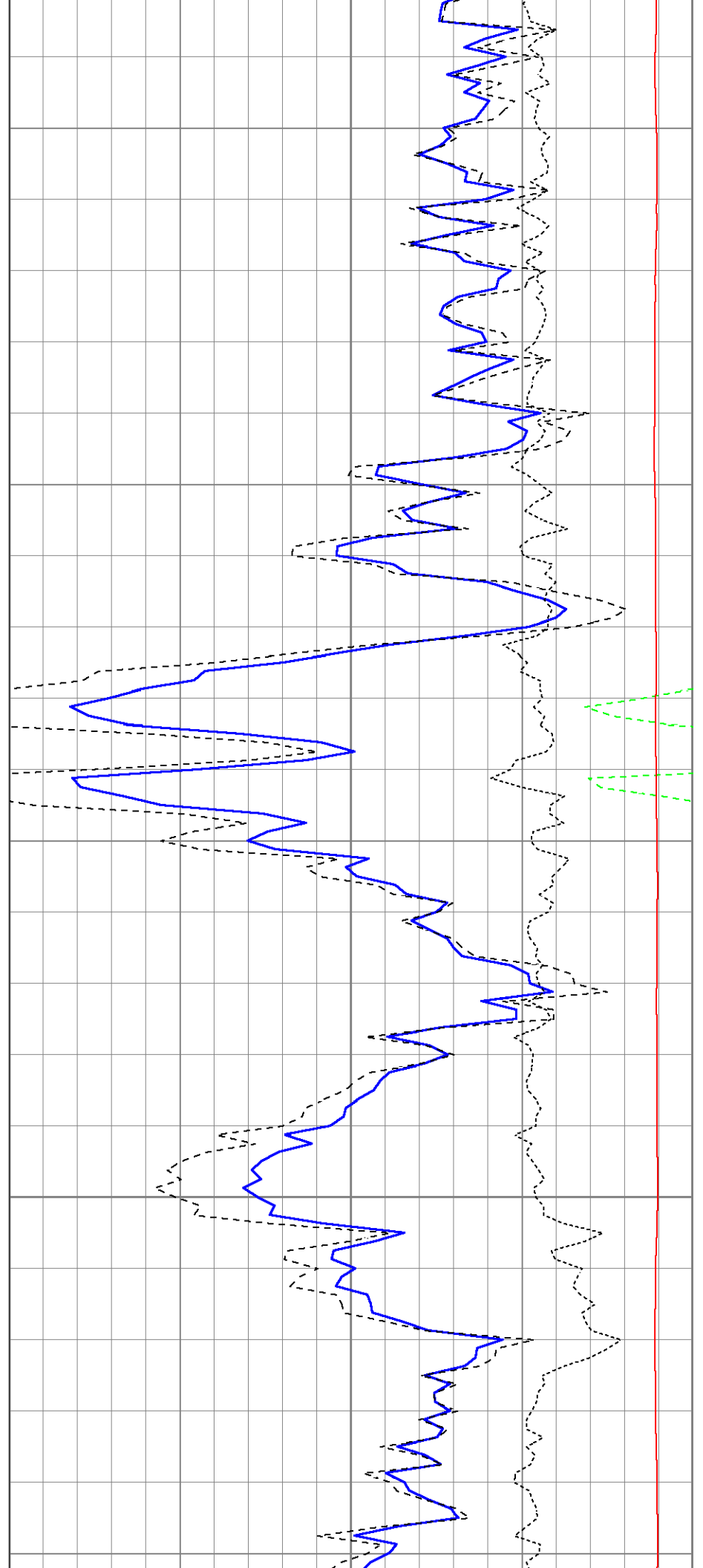
620

630

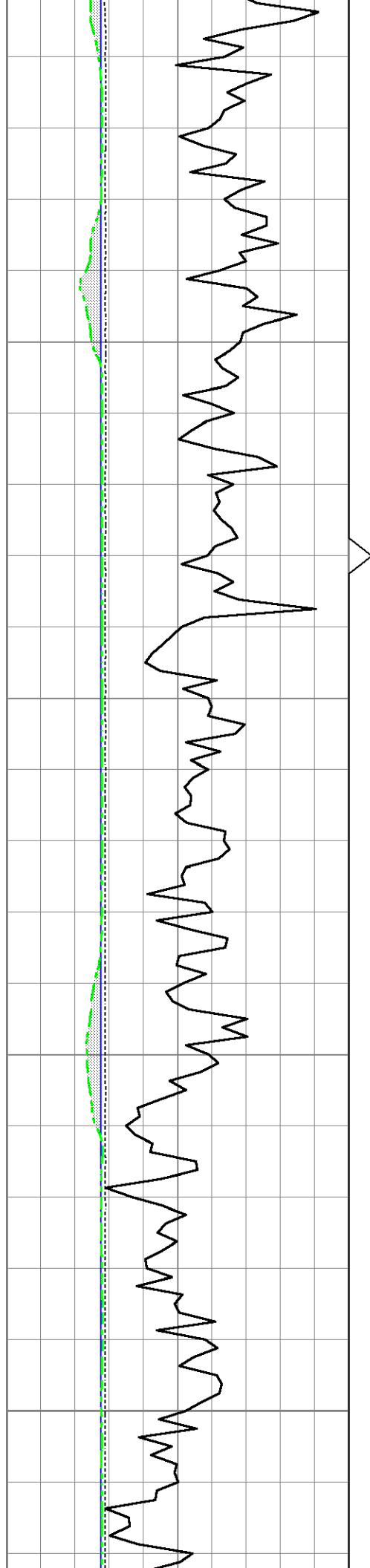
640

650

660





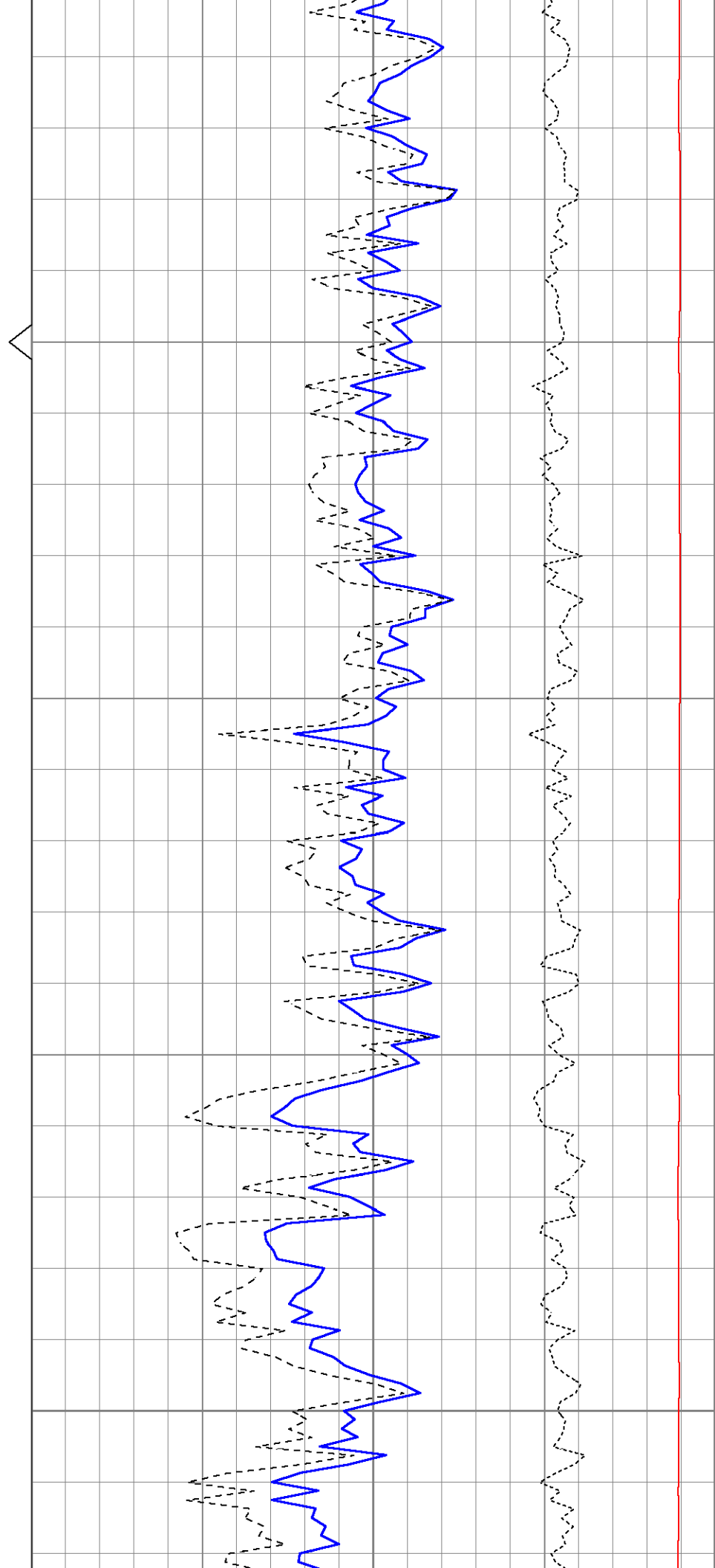


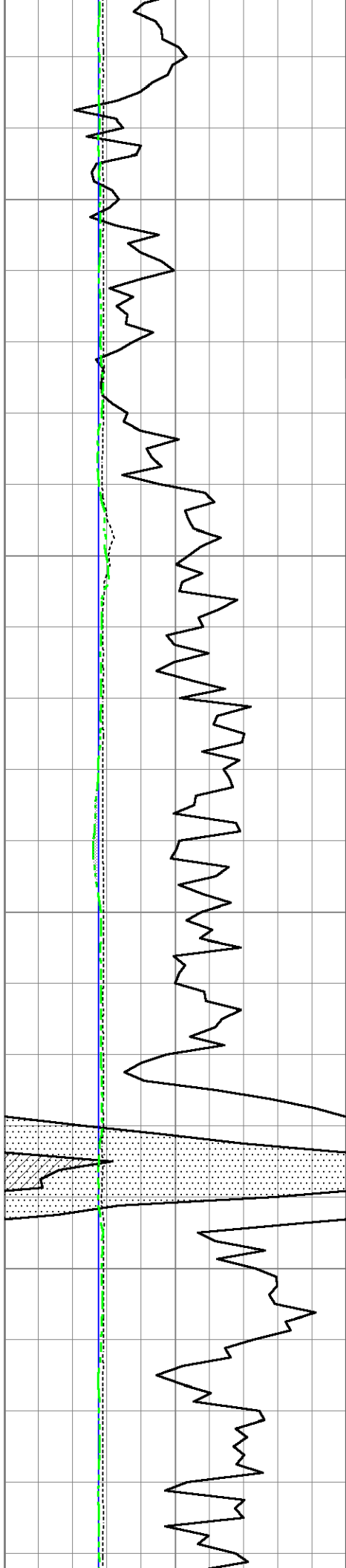
670

680

690

700



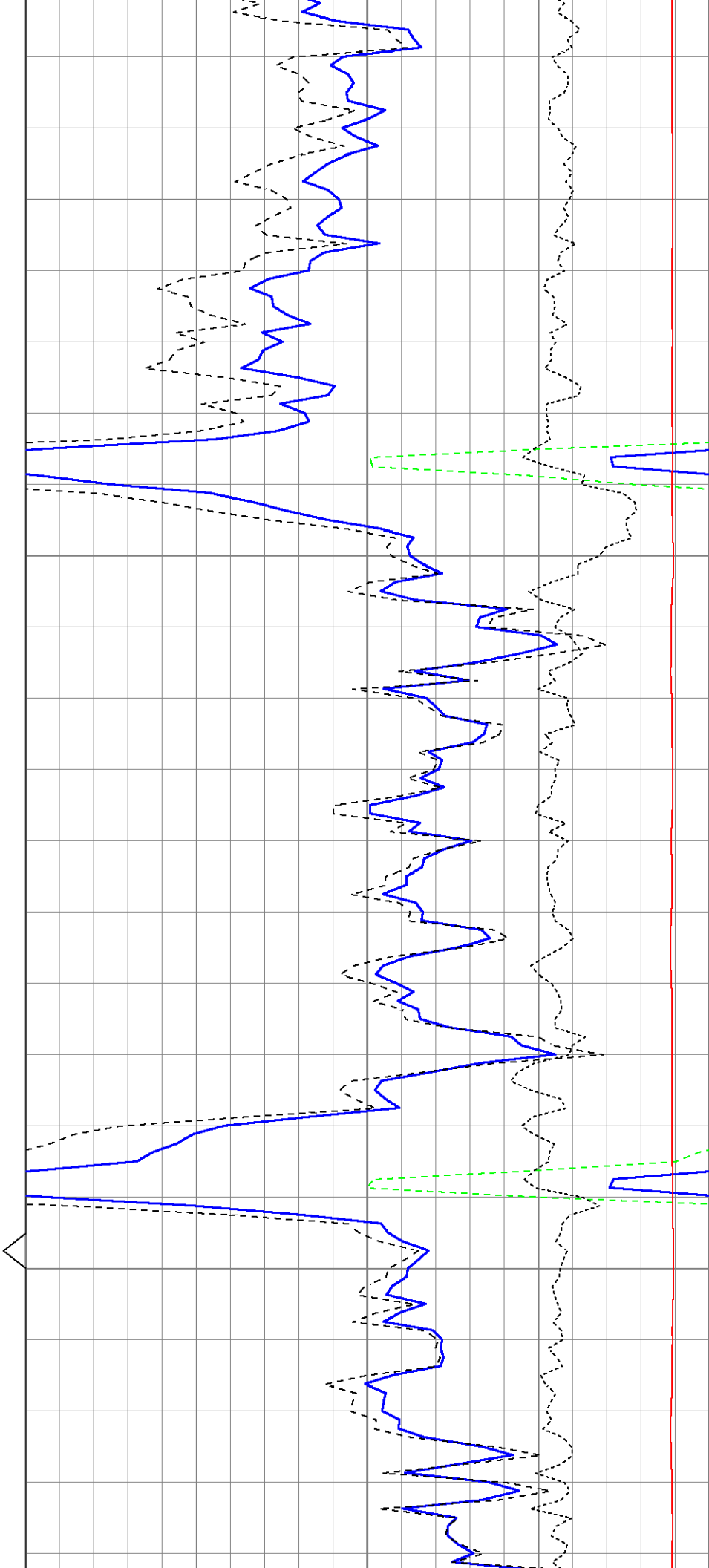


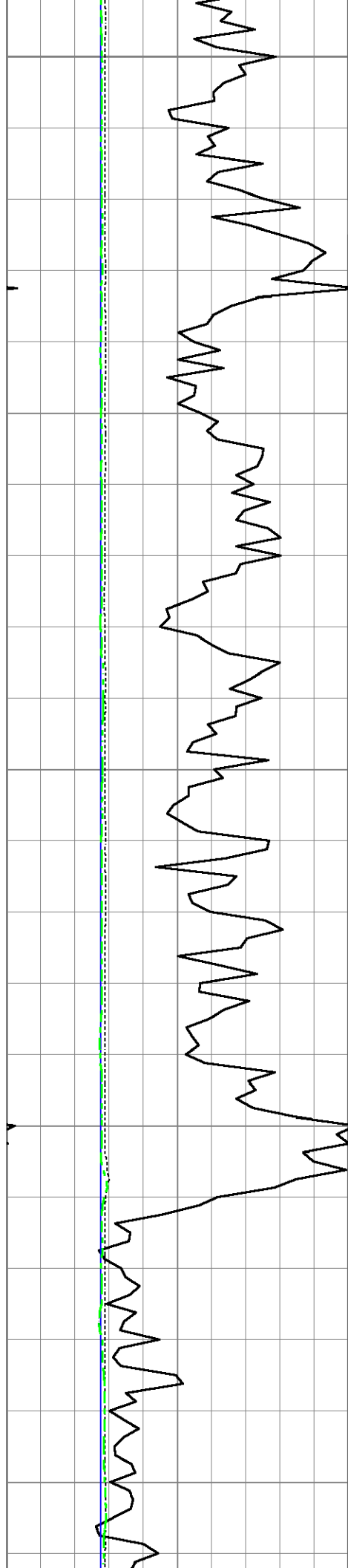
710

720

730

740





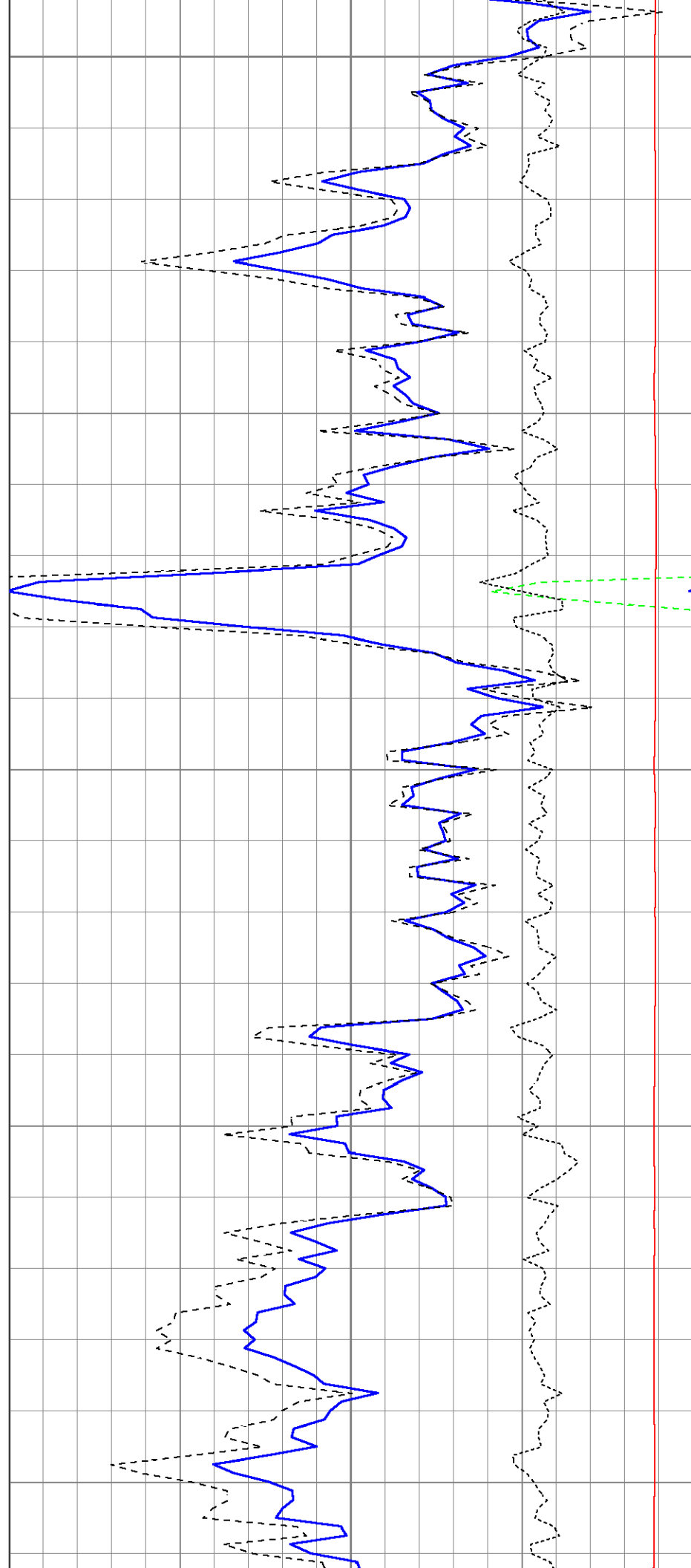
750

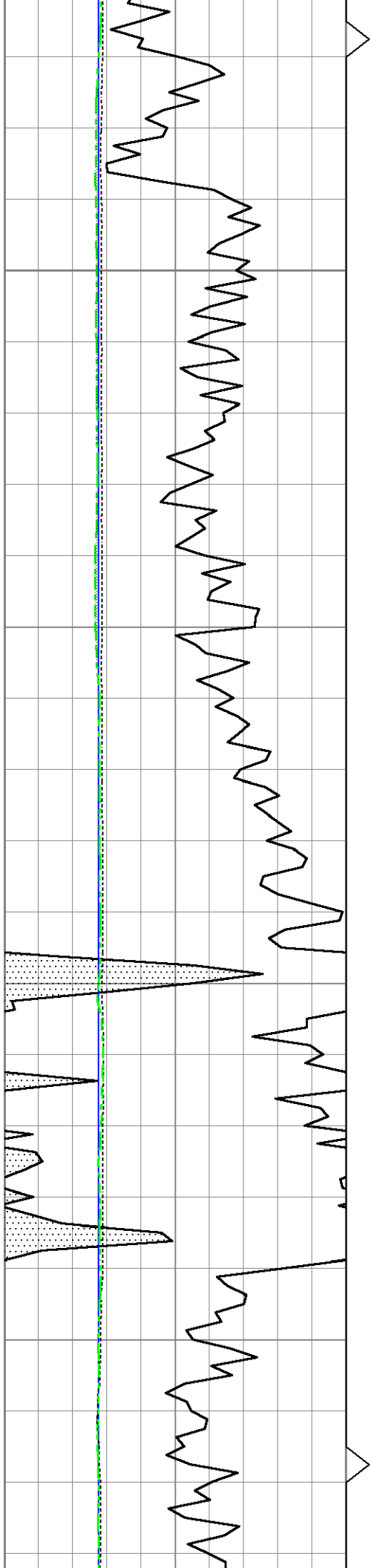
760

770

780

790



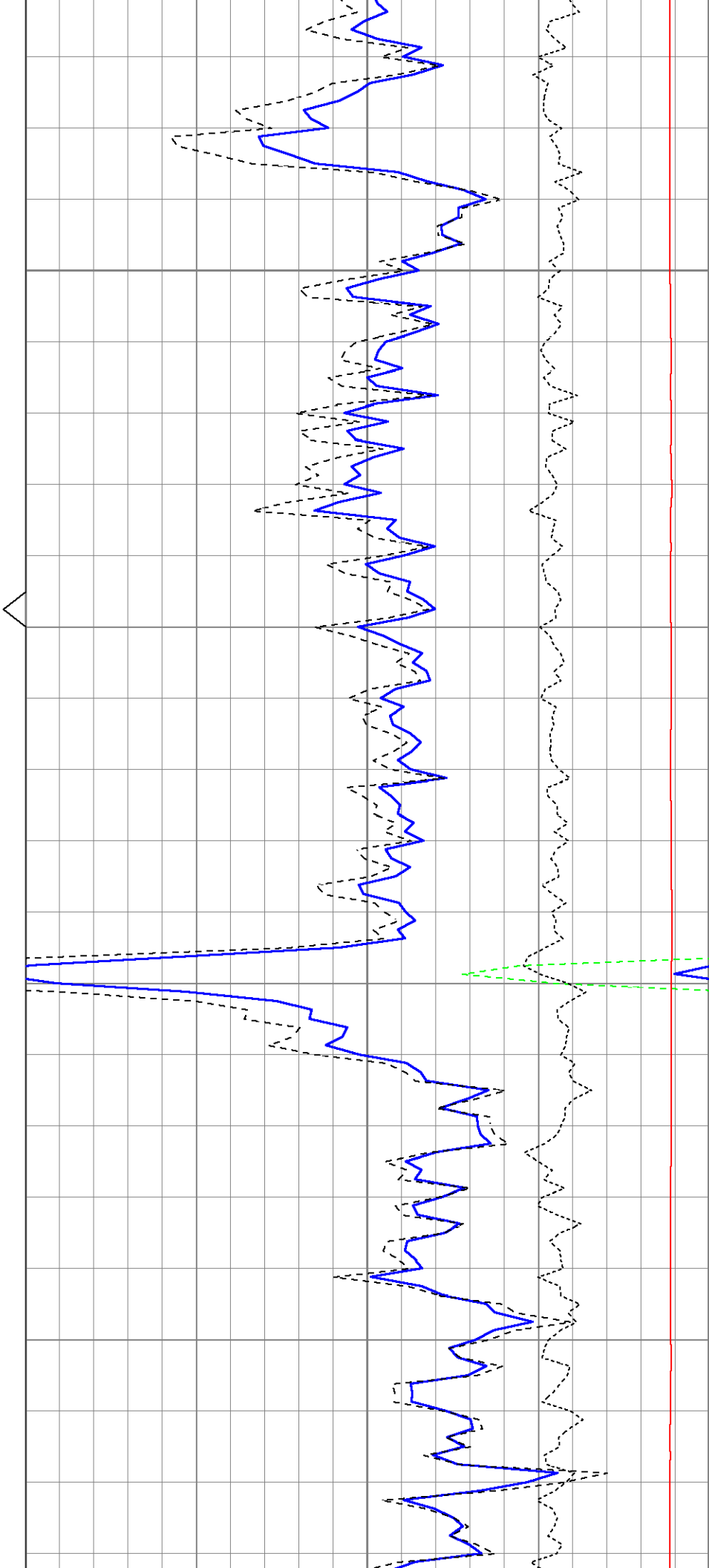


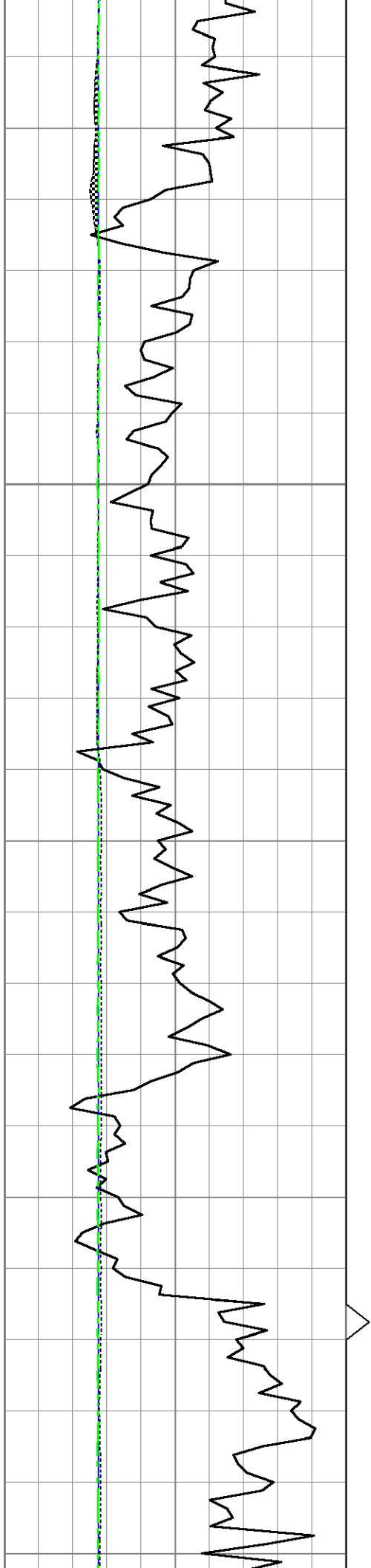
800

810

820

830





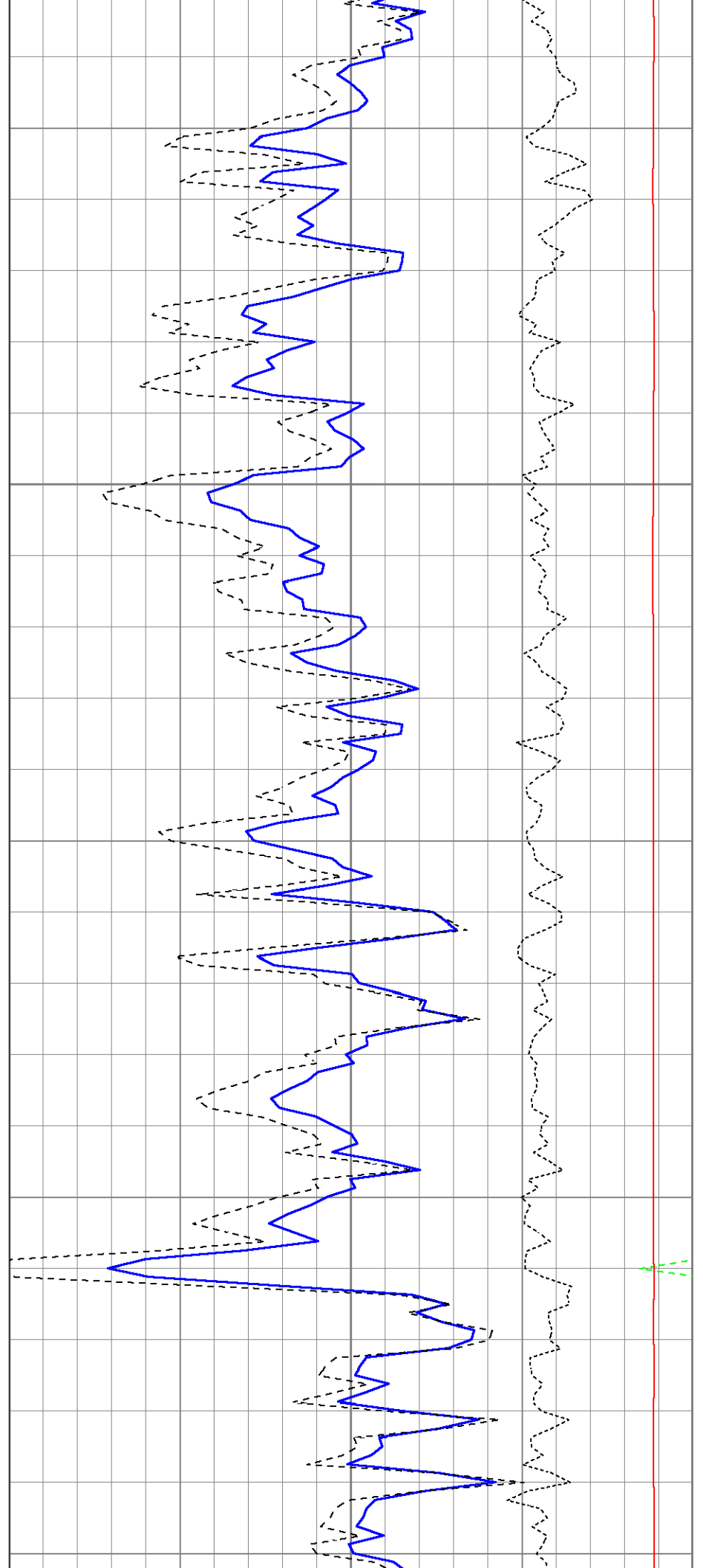
840

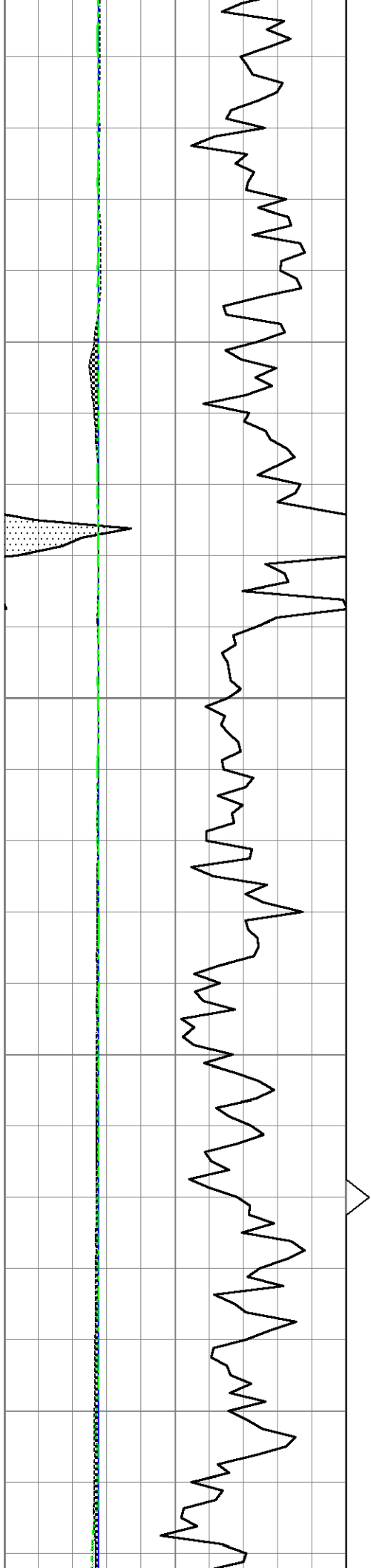
850

860

870

880



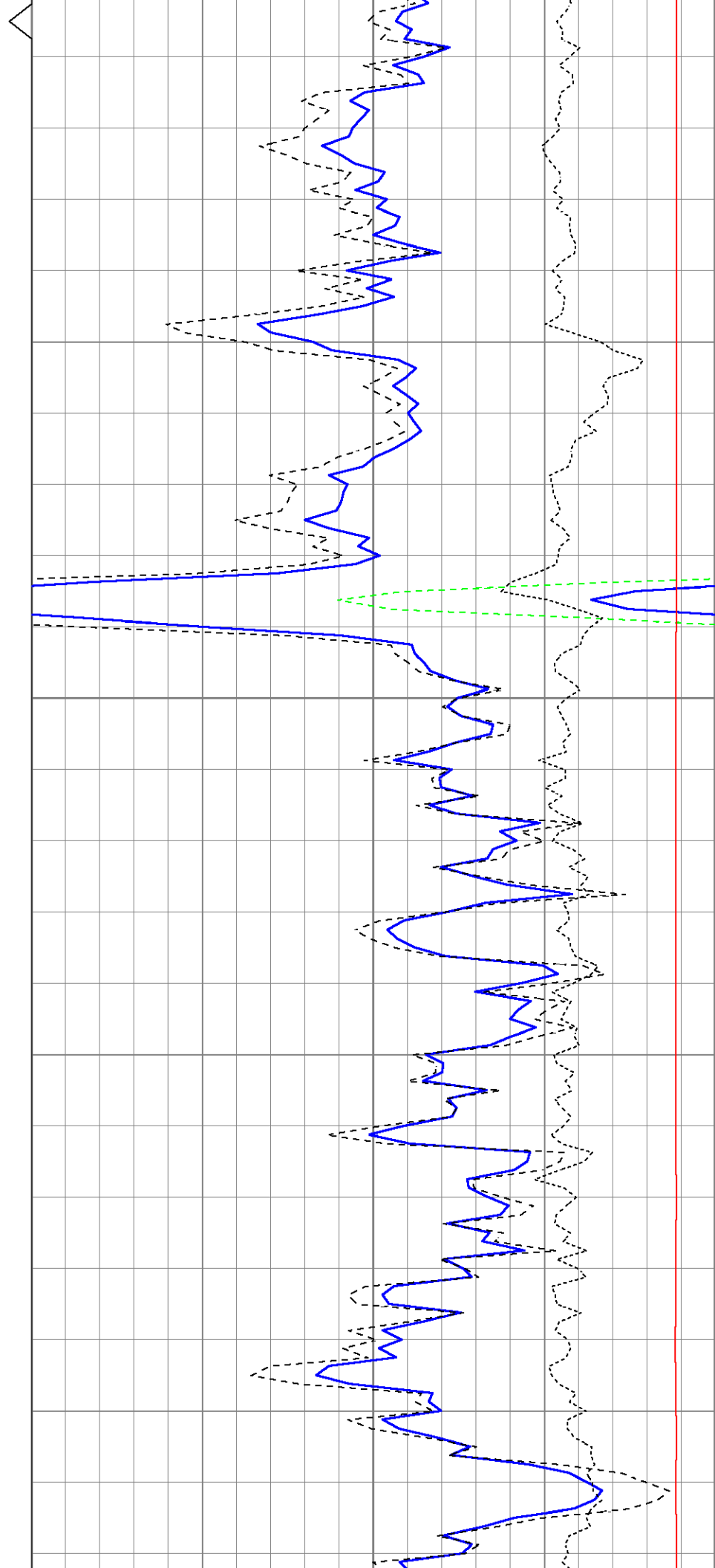


890

900

910

920



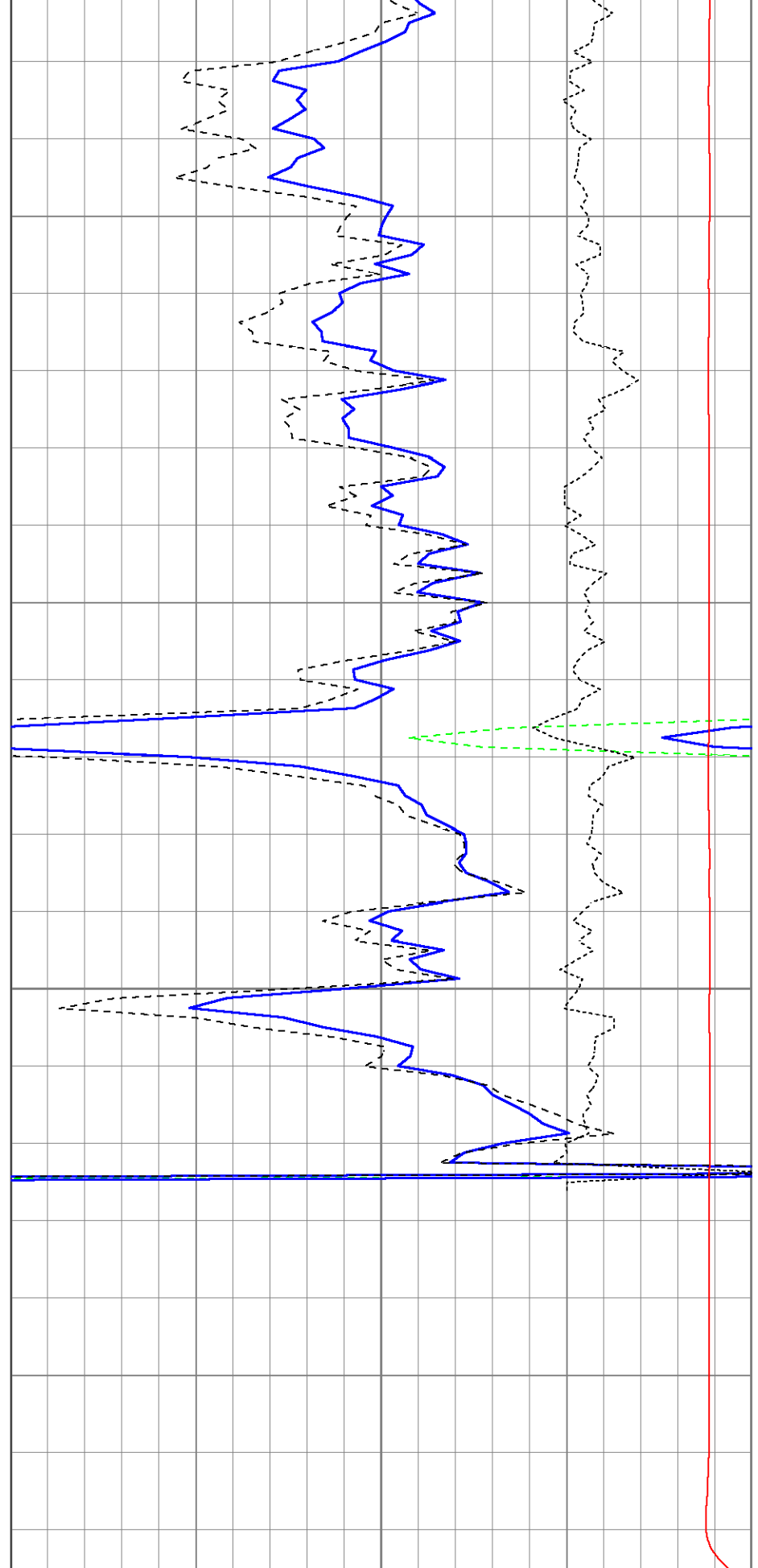


930

940

950

960



0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3	
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10	
4	Density Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14			5000	Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	15.60		Cable-CableHead Isulation Sub	1.42	3.00	20.00
			Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD	10.22		Density-Oilex2122 (2122) Density Section	6.08	4.00	250.00
DCAL	9.94					
SSD	9.76					
SCAL	2.54		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15					
NEU	2.15					

Dataset: ow2-8817 colt energy.db: field/well/CDL/pass1  
 Total length: 18.15 ft  
 Total weight: 495.00 lb  
 O.D.: 4.00 in



# 2" BOREHOLE VOLUME

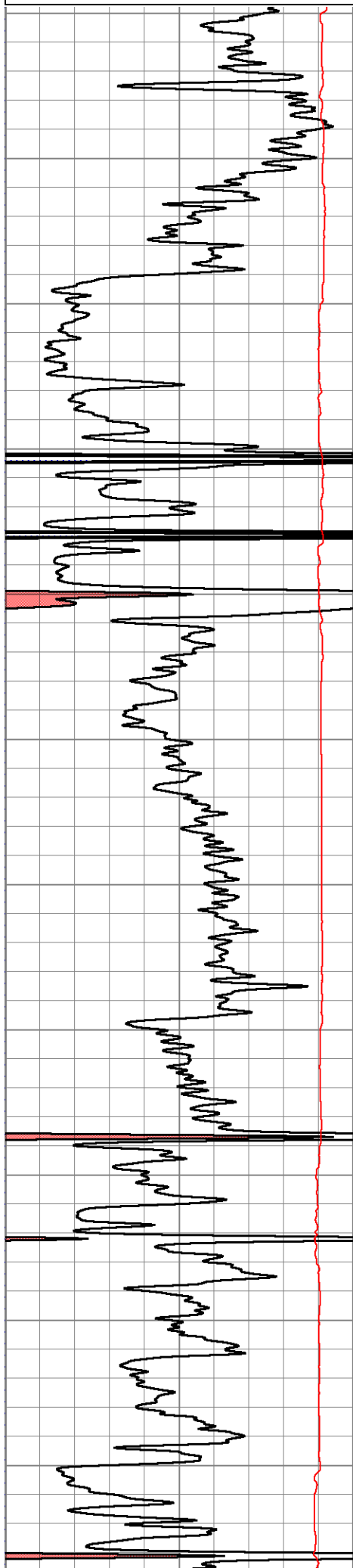
Database File ow2-8817 colt energy.db  
 Dataset Pathname CDL/pass1.2  
 Presentation Format borehole1  
 Dataset Creation Tue Apr 28 13:32:14 2015  
 Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150	14	Neutron Caliper (in)	4	4	Litho Density Caliper (in)	14
5000	LTEN (lb)	0	14	Bit Size (in)	4	4	Bit Size (in)	14
			14	CASEOD (in)	4	4	CASEOD (in)	14



IBHV (ft3)

ABHV (ft3)



100

200

300

400

500

233

219

206

193

180

167

154

141

128

115

102

133

125

117

109

102

94

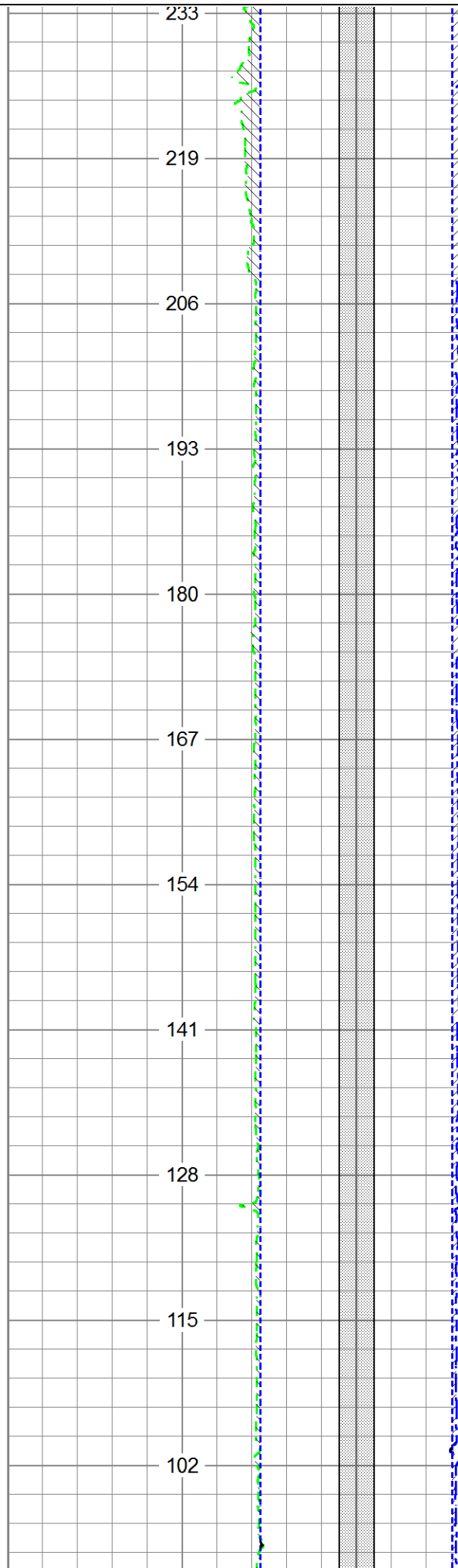
87

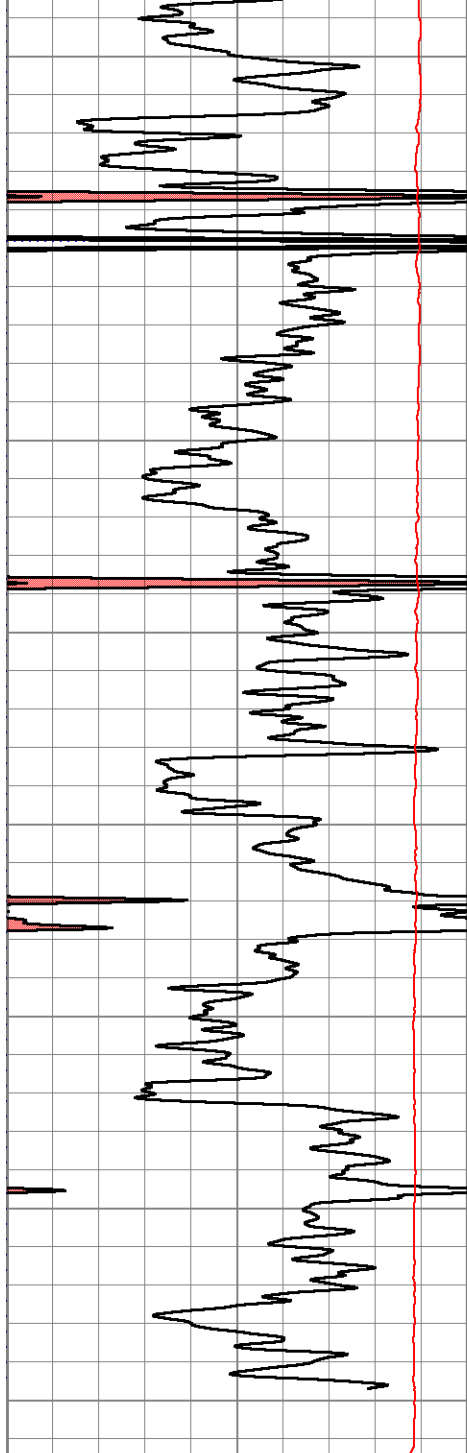
79

72

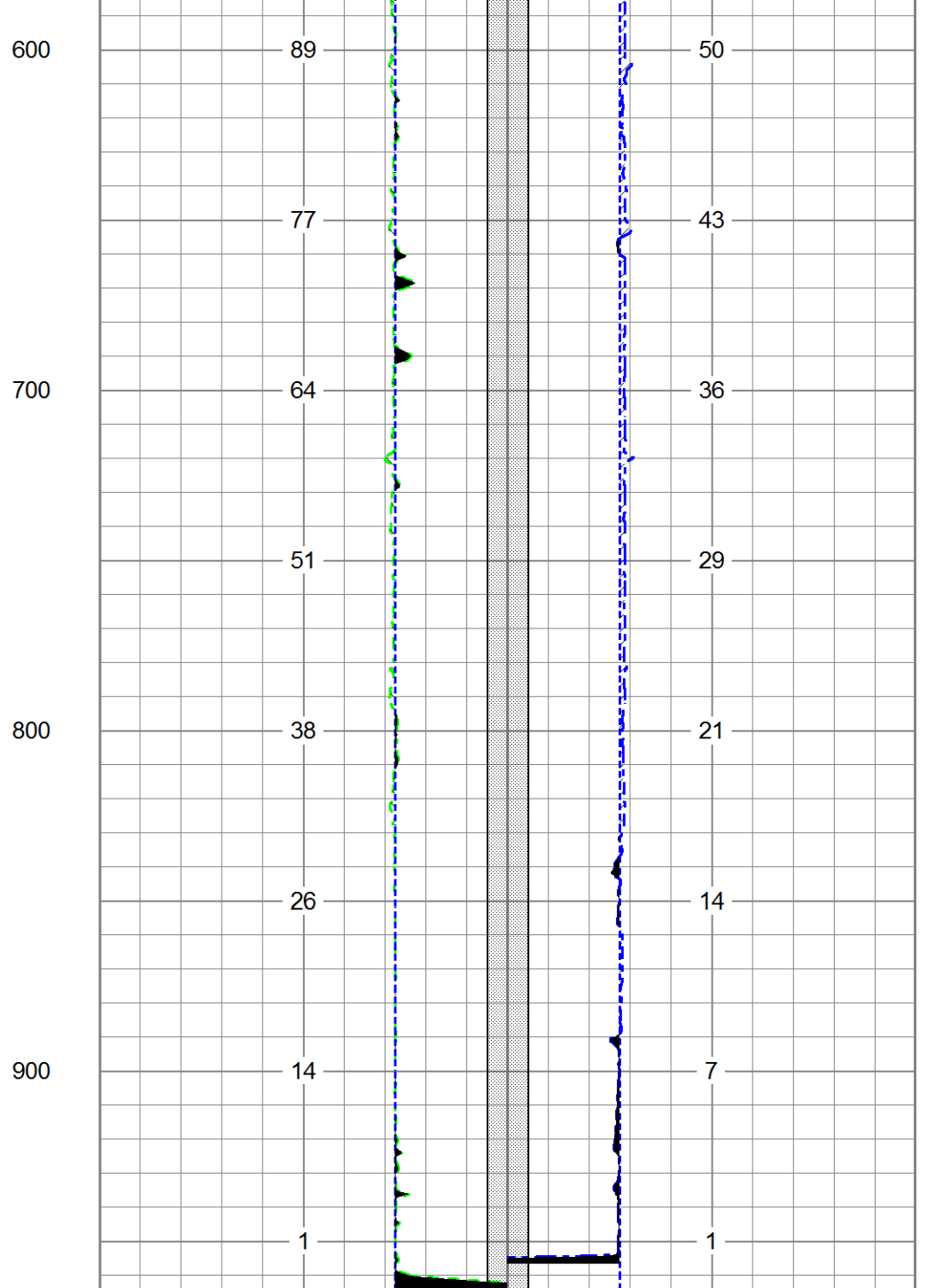
65

57





0	Gamma Ray (GAPI)	150
5000	LTEN (lb)	0



14	Neutron Caliper (in)	4 1/2	4 1/2	Litho Density Caliper (in)	14
14	Bit Size (in)	4 1/2	4 1/2	Bit Size (in)	14
14	CASEOD (in)	4 1/2	4 1/2	CASEOD (in)	14

TBHV (ft3)

ABHV (ft3)