



**COMPENSATED DENSITY
SIDEWALL NEUTRON LOG**

Company	COLT ENERGY INC.	Company	COLT ENERGY INC.
Well	PENDLEY # 22-i	Well	PENDLEY # 22-i
Field	BIG SANDY	Field	BIG SANDY
County	WOODSON	County	WOODSON
State	KANSAS	State	KANSAS
Location: AP1 #: 15-207-29220-0000 SE NE NE SE 1990' FSL & 65' FEL		Other Services DIL	
Permanent Datum	GL	Elevation	935' est
Log Measured From	GL	K.B. ---	
Drilling Measured From	GL	D.F. ---	
		G.L. 935' est	
Date	5-21-2015		
Run Number	ONE		
Depth Driller	1398'		
Depth Logger	1397'		
Bottom Logged Interval	1396'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 42.80'		
Casing Logger	8.625" @ 42.80'		
Bit Size	6.75"		
Type Fluid in Hole	WATER		
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	MR. BALLARD		

<<< 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

OW2-8827
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

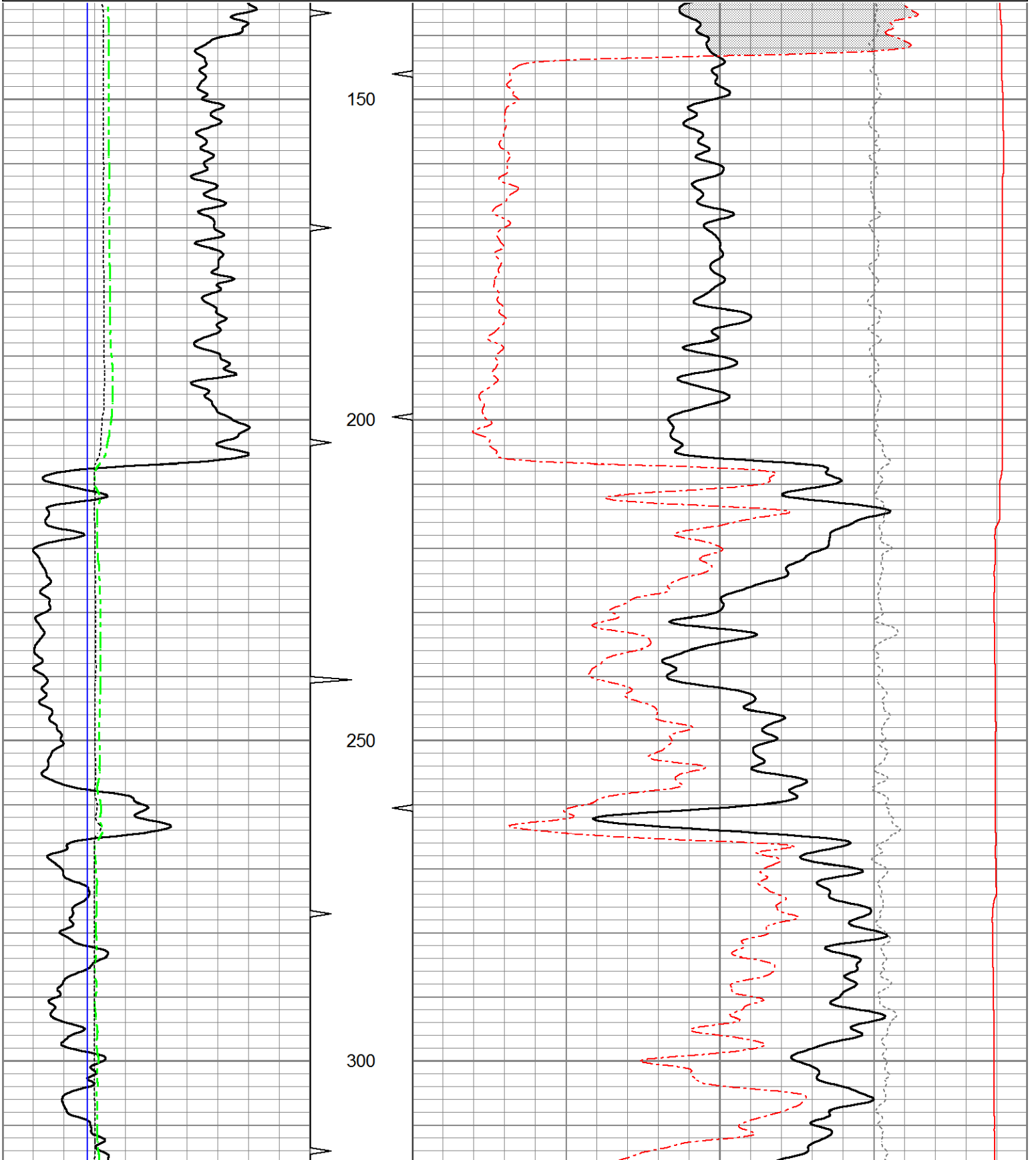
CREW : SHAMBLES

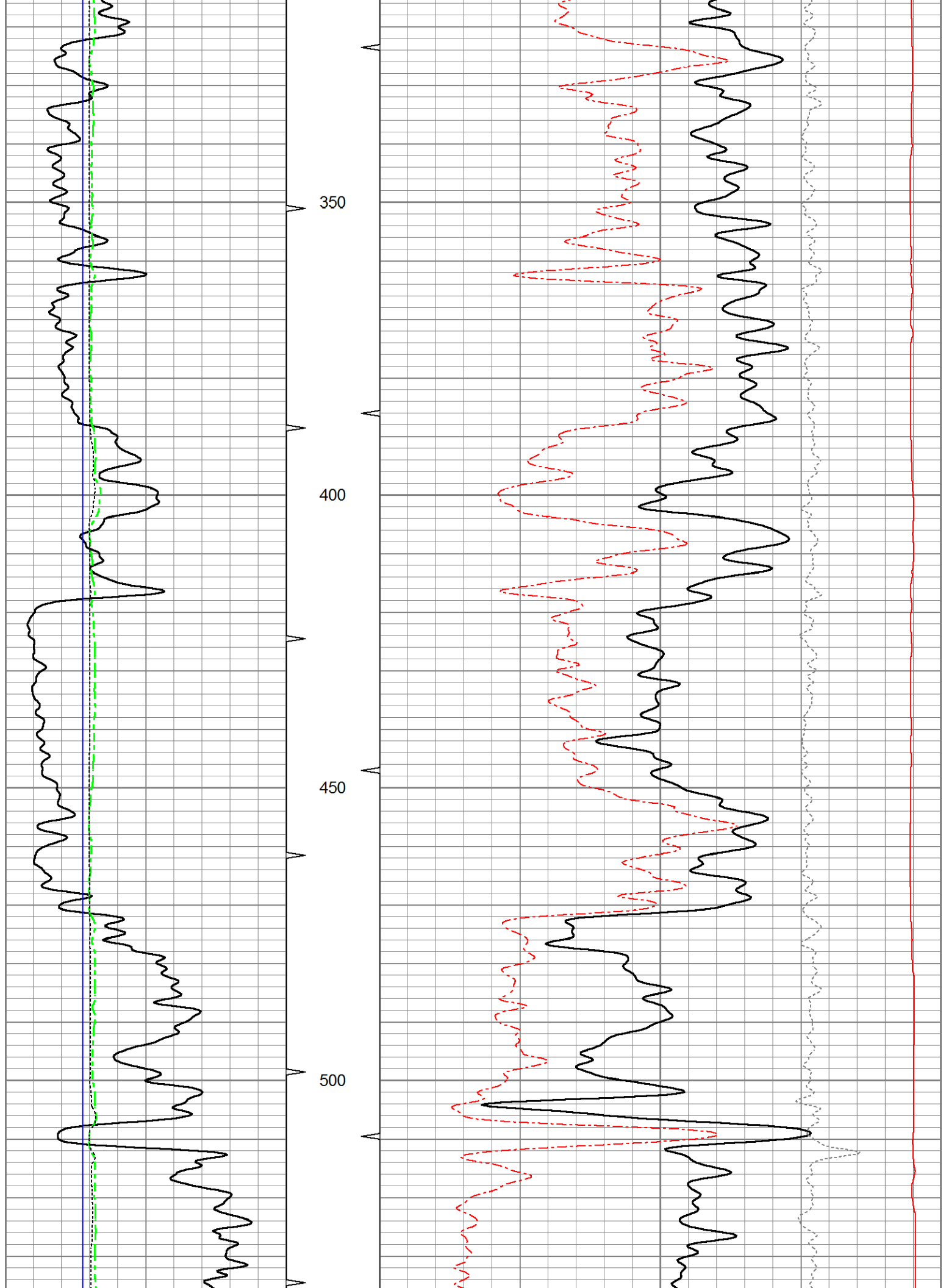


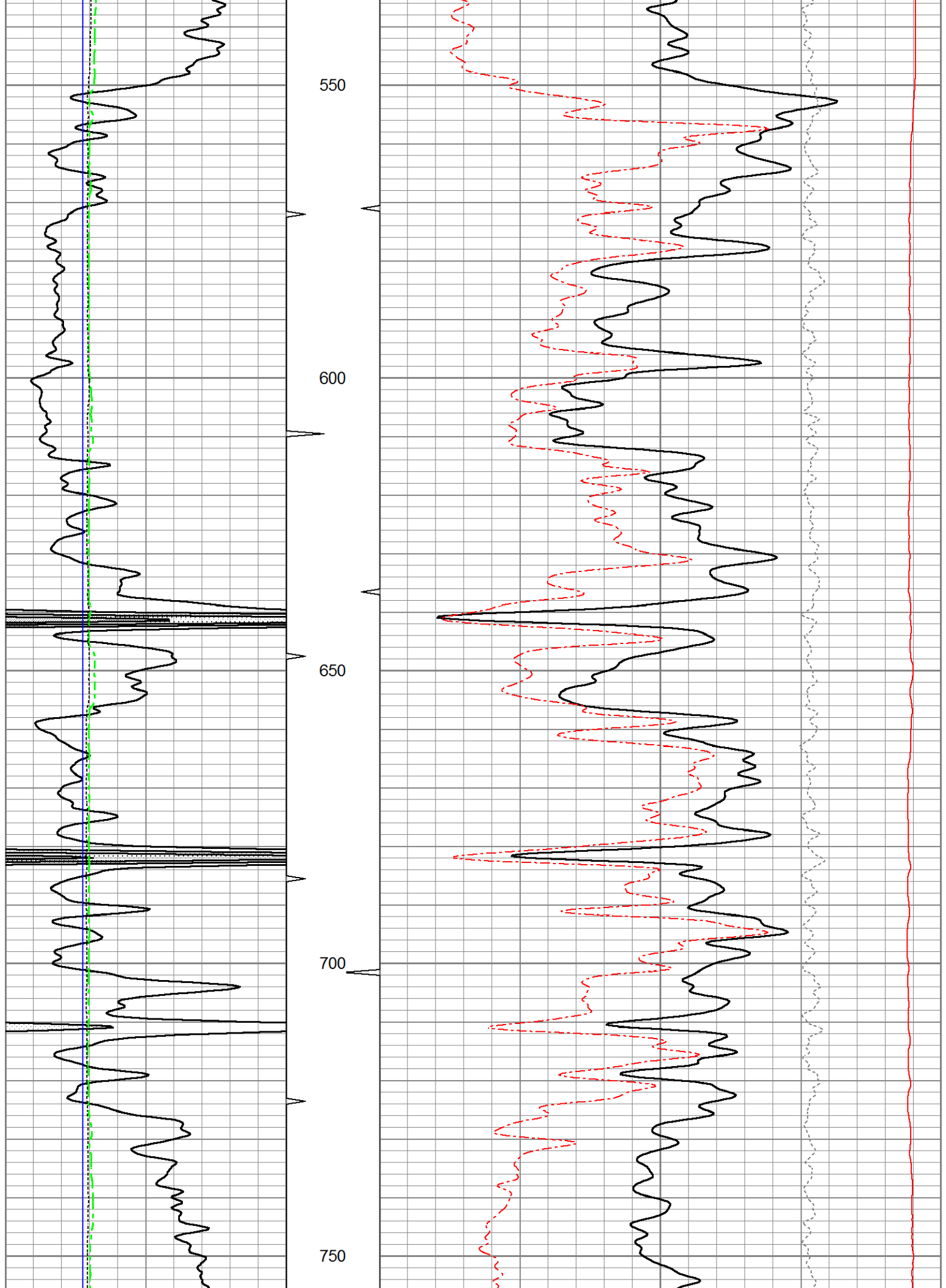
5" CDL/SWN SECTION

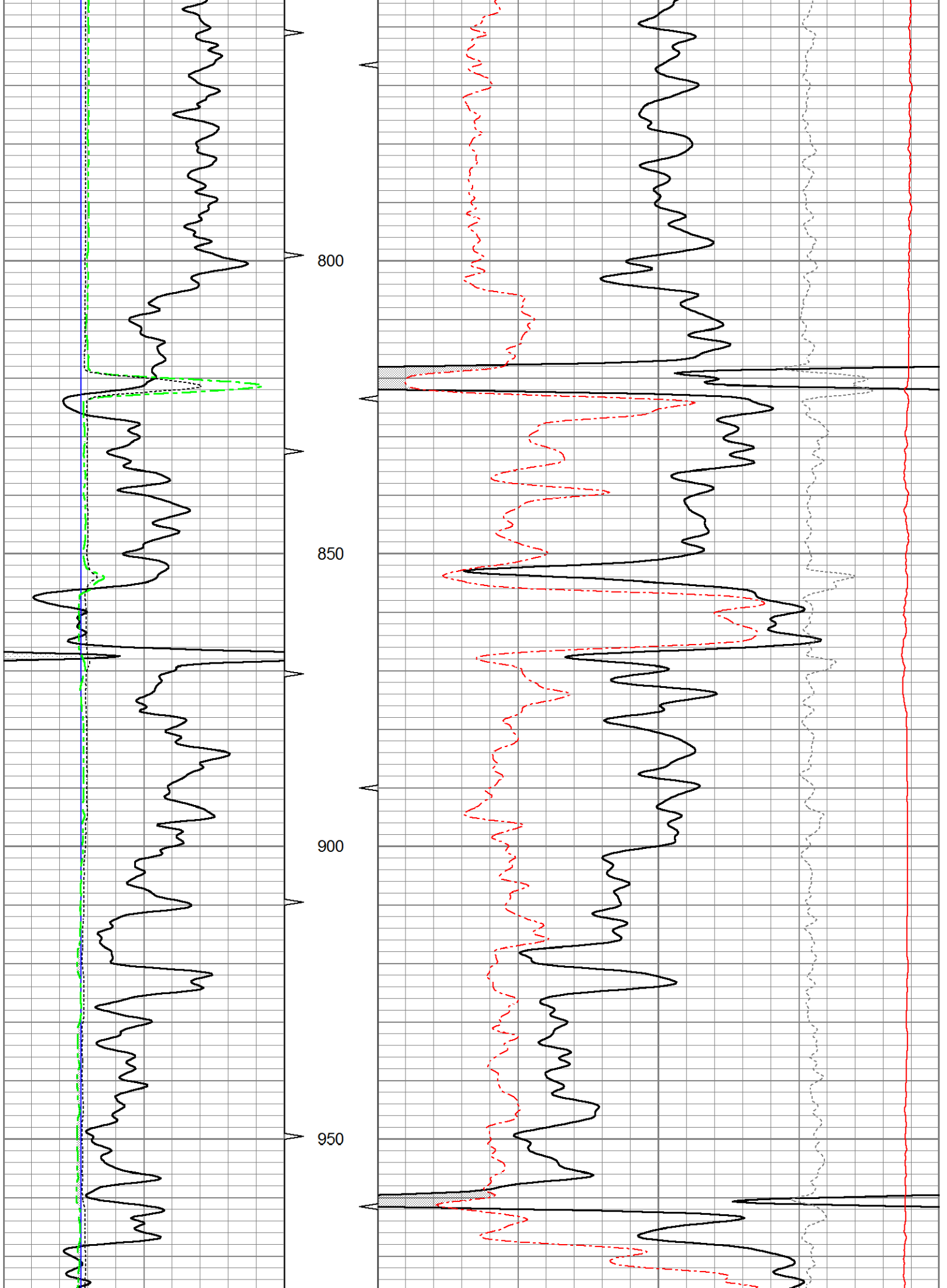
Database File ow2-8827 colt energy.db
 Dataset Pathname CDL/pass1.4
 Presentation Format _neu4
 Dataset Creation Thu May 21 11:24:36 2015
 Charted by Depth in Feet scaled 1:240

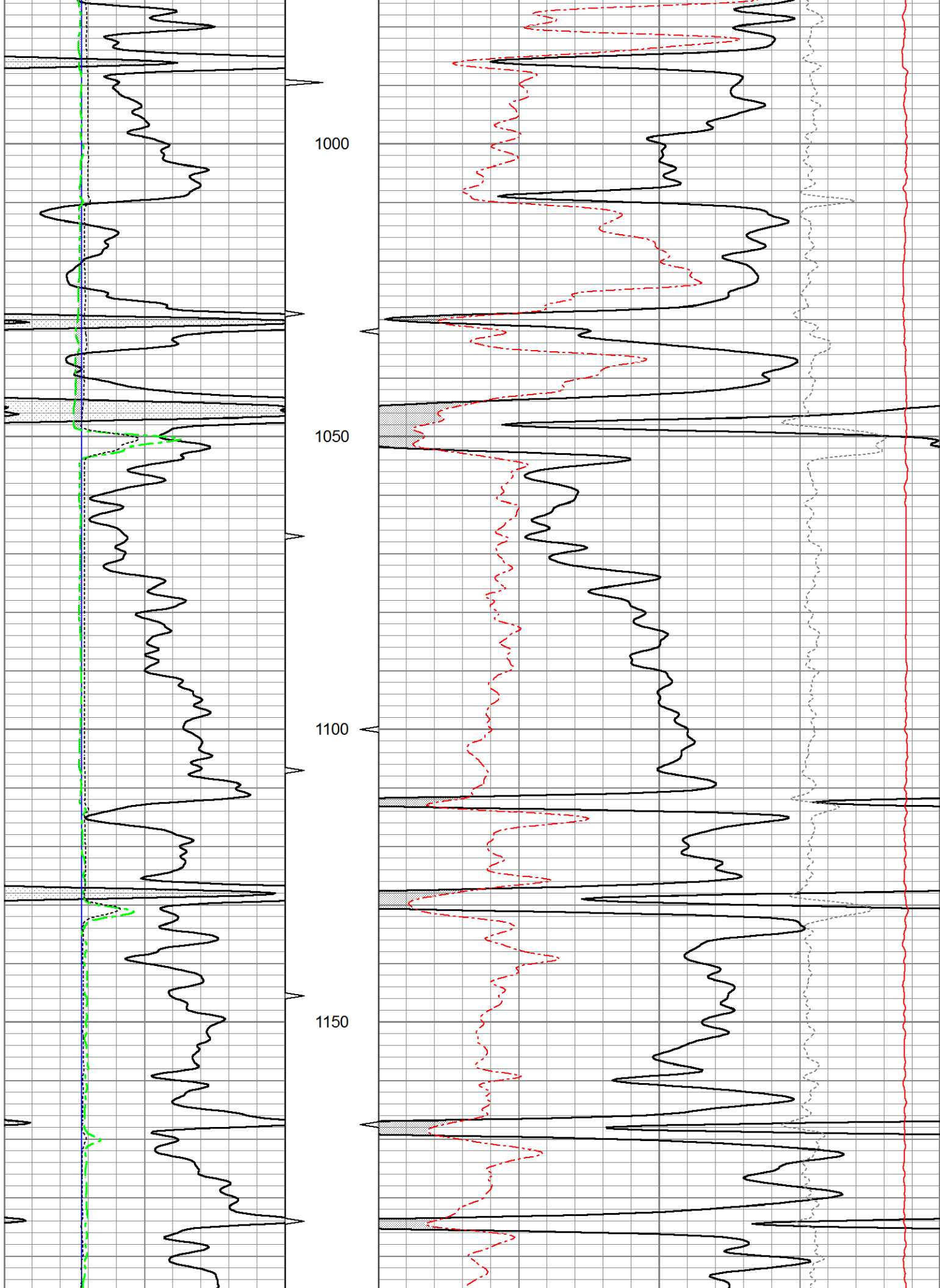
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

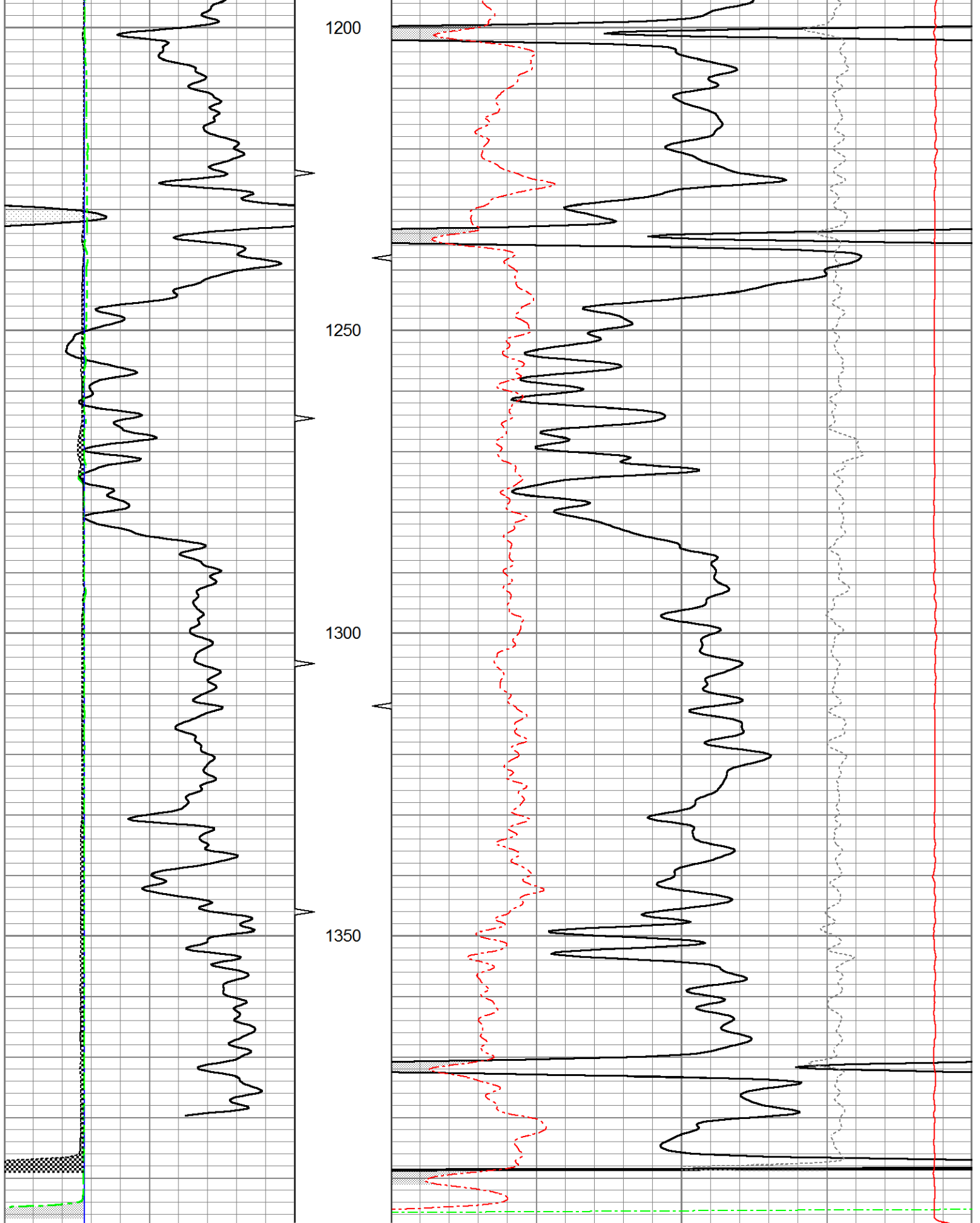












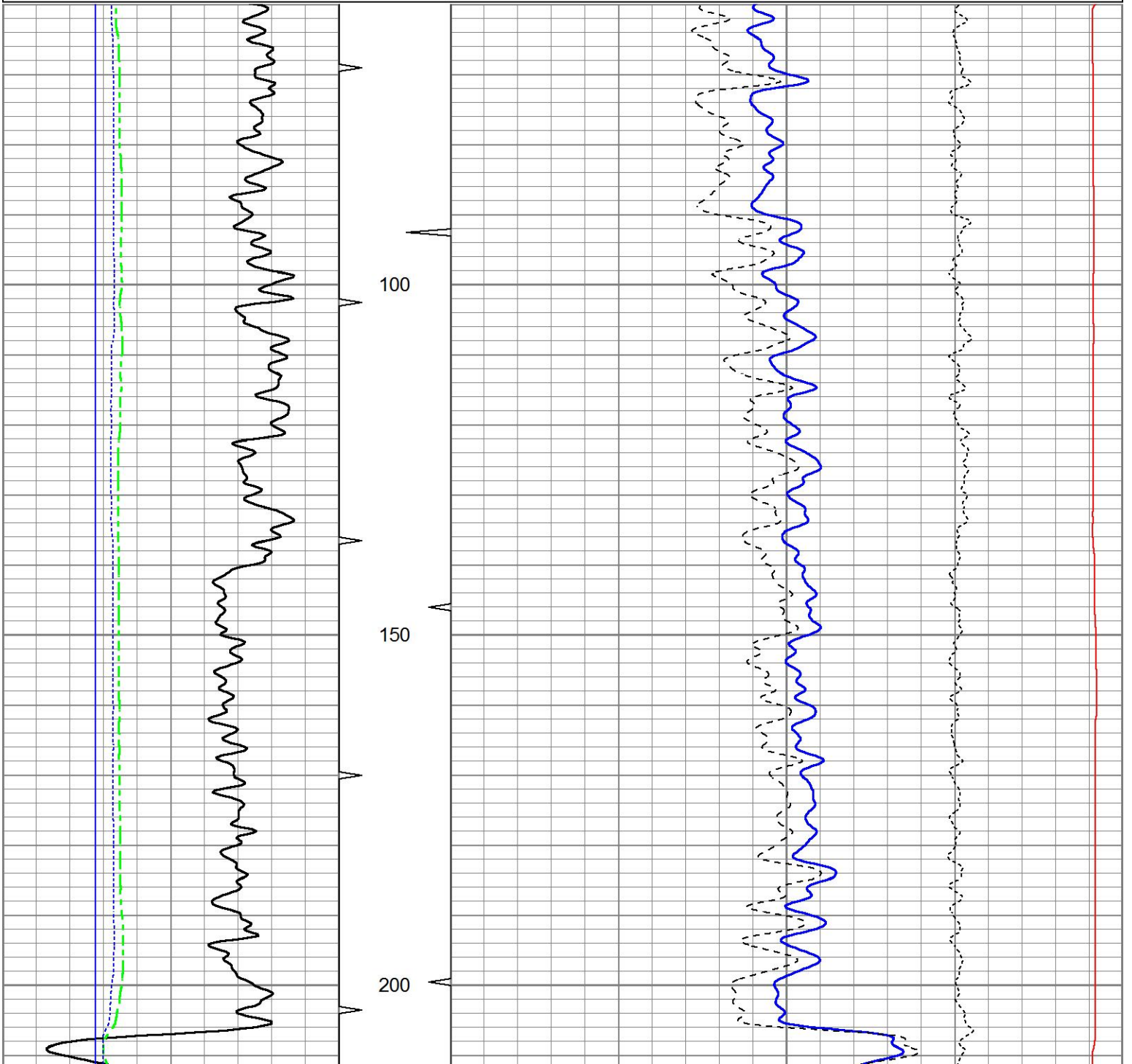
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10	
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10	
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14			5000	Line Tension (lb)	0

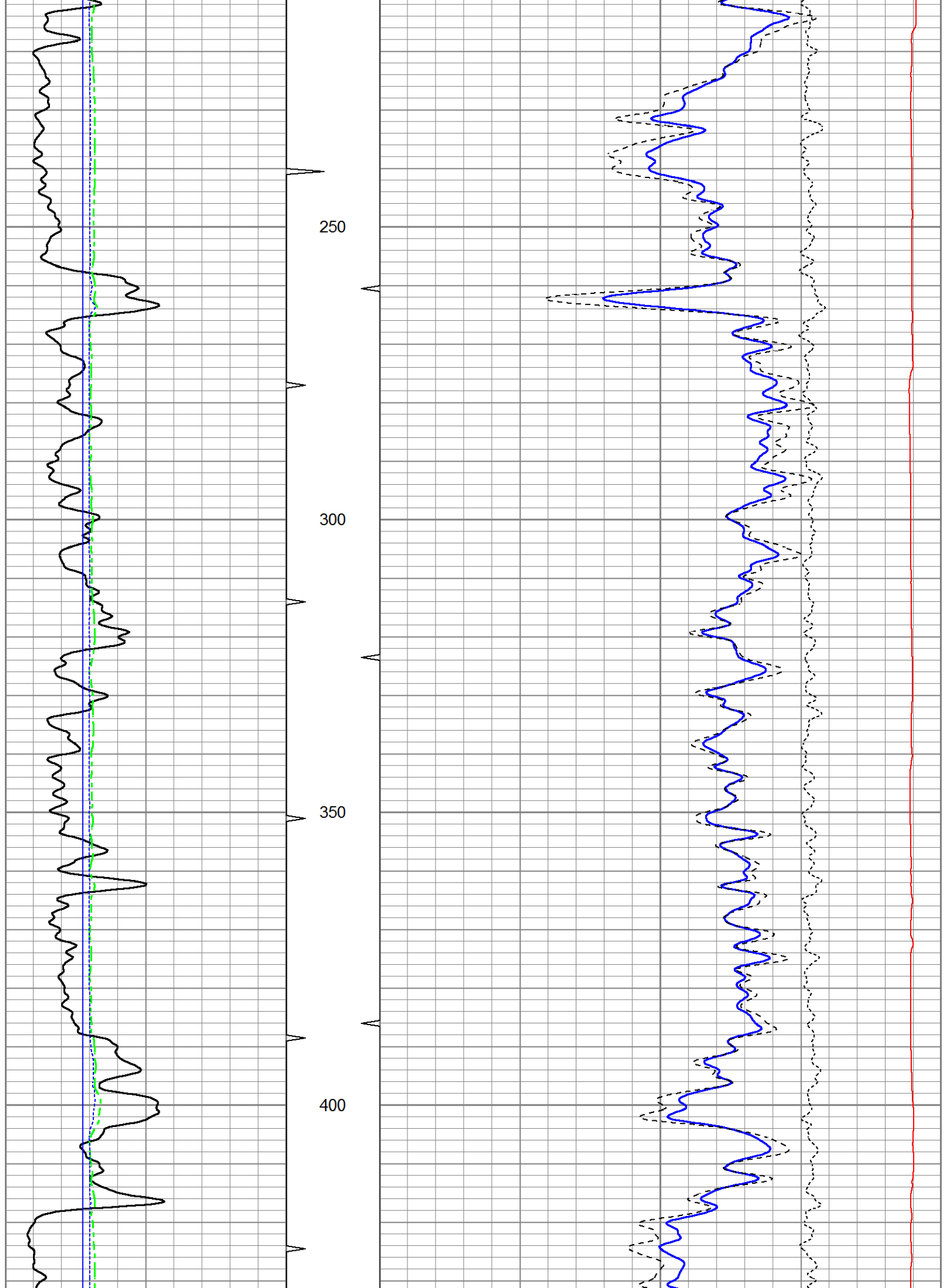


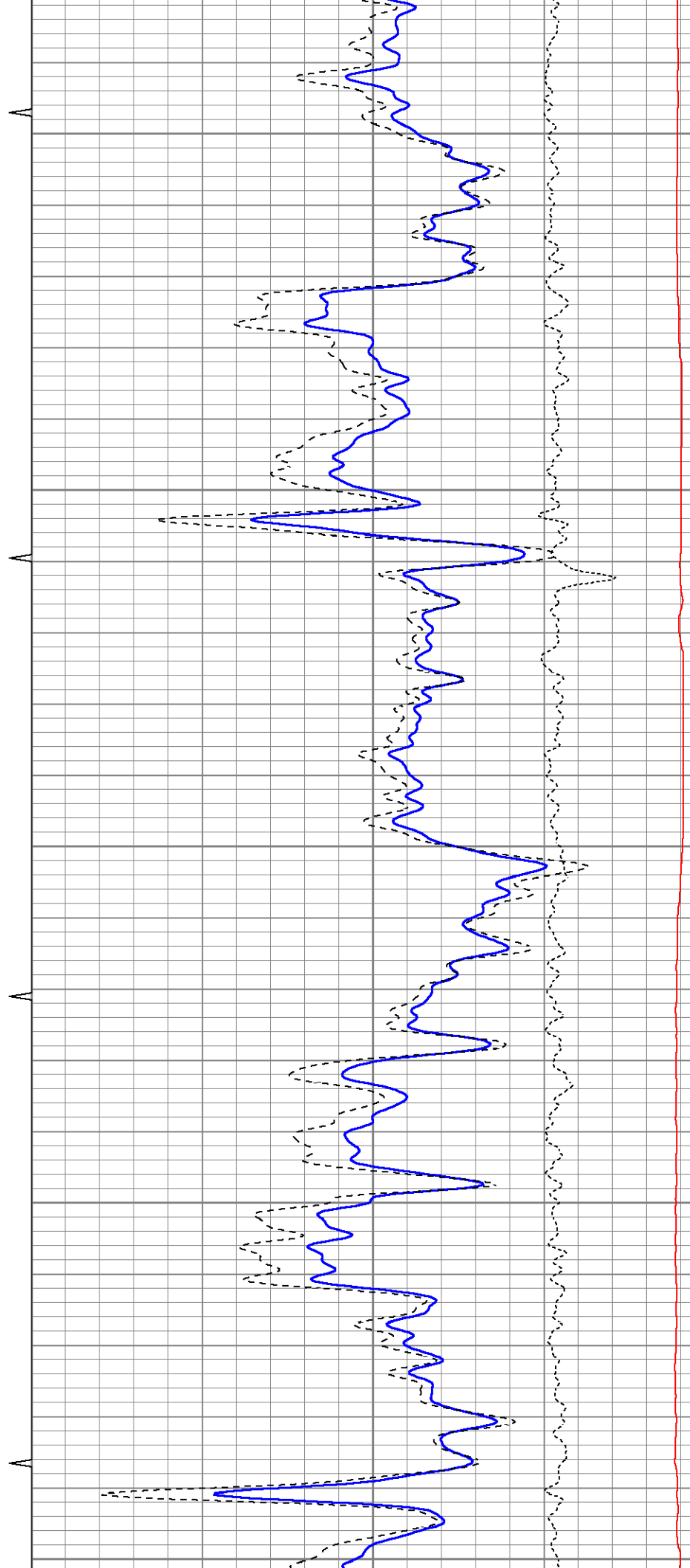
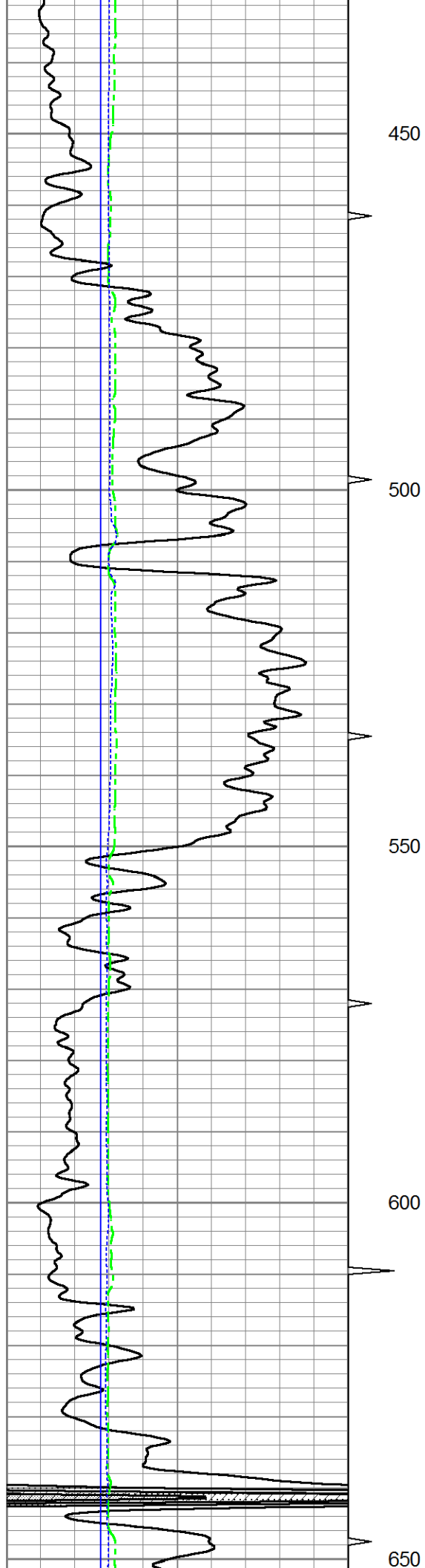
5" CDL SECTION

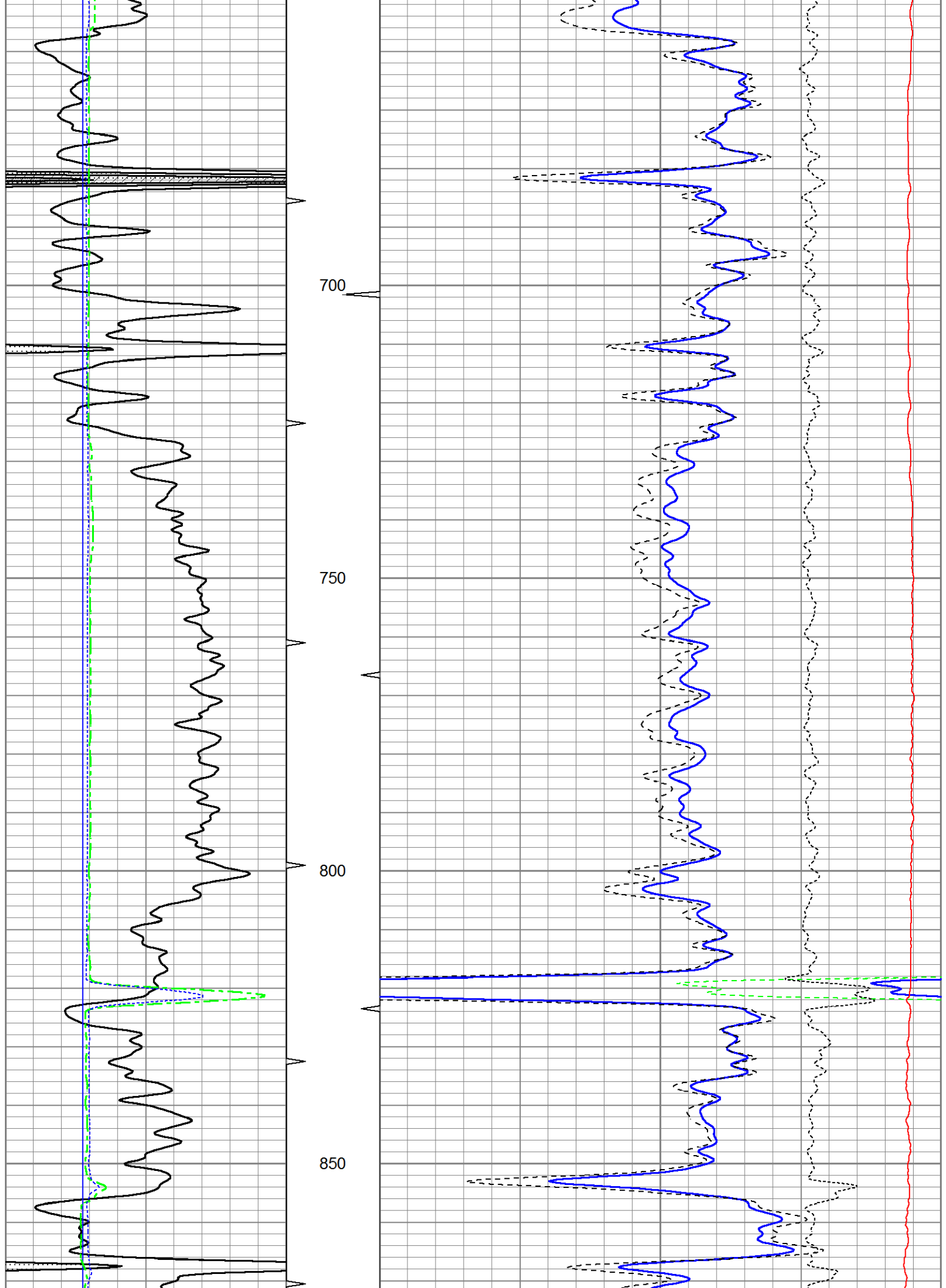
Database File ow2-8827 colt energy.db
 Dataset Pathname CDL/pass1.3
 Presentation Format bulk4
 Dataset Creation Thu May 21 11:24:29 2015
 Charted by Depth in Feet scaled 1:240

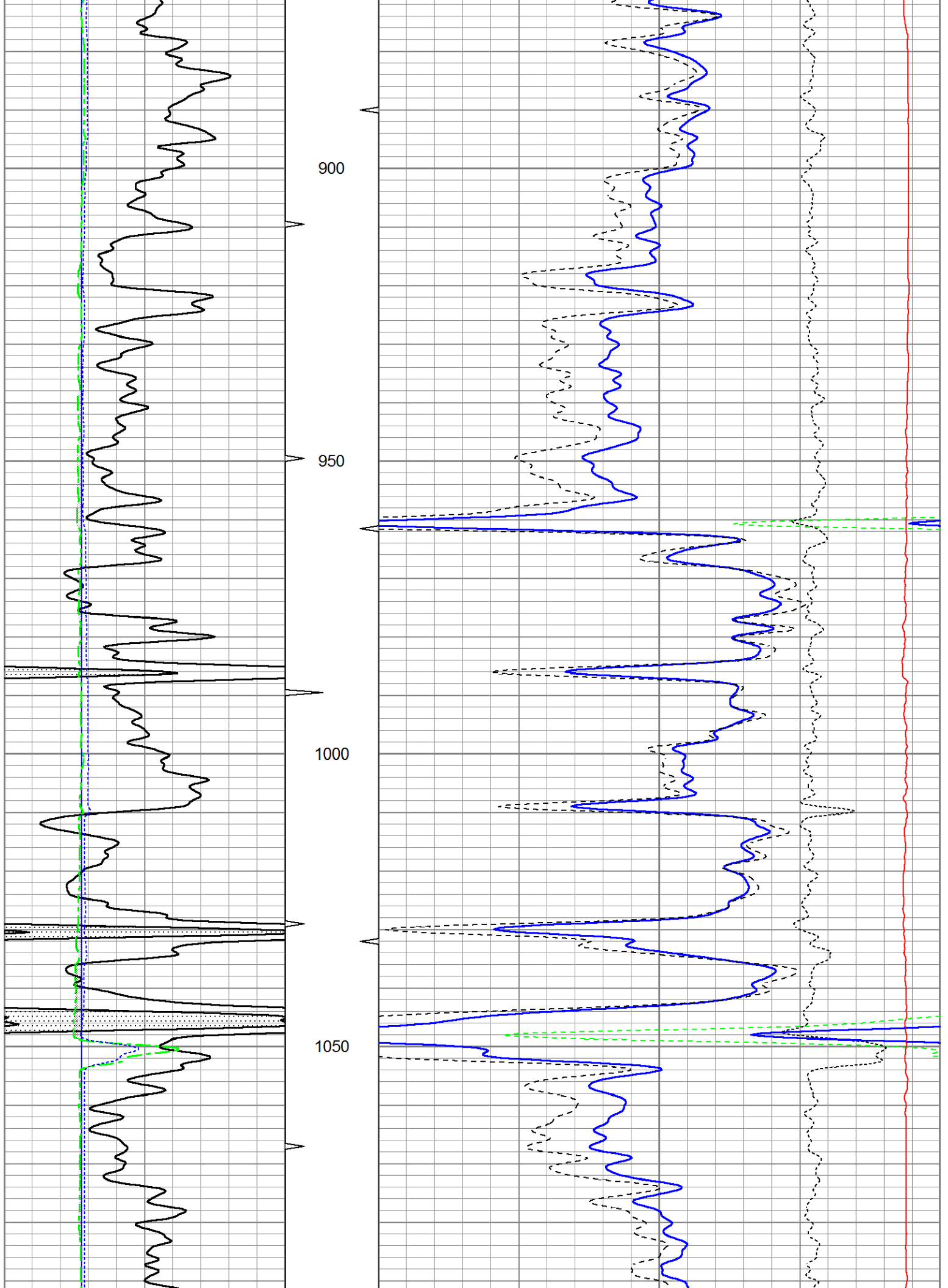
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

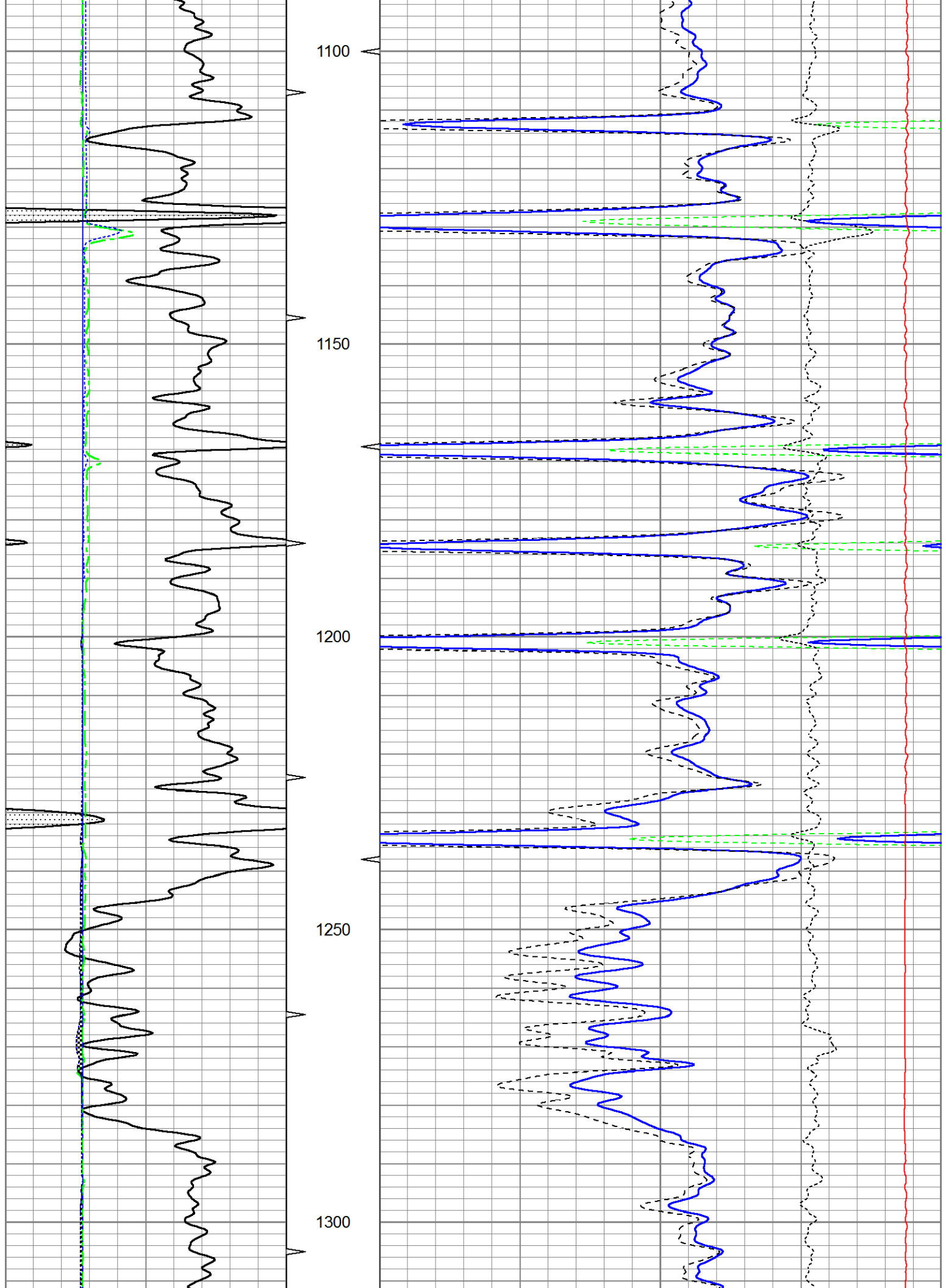


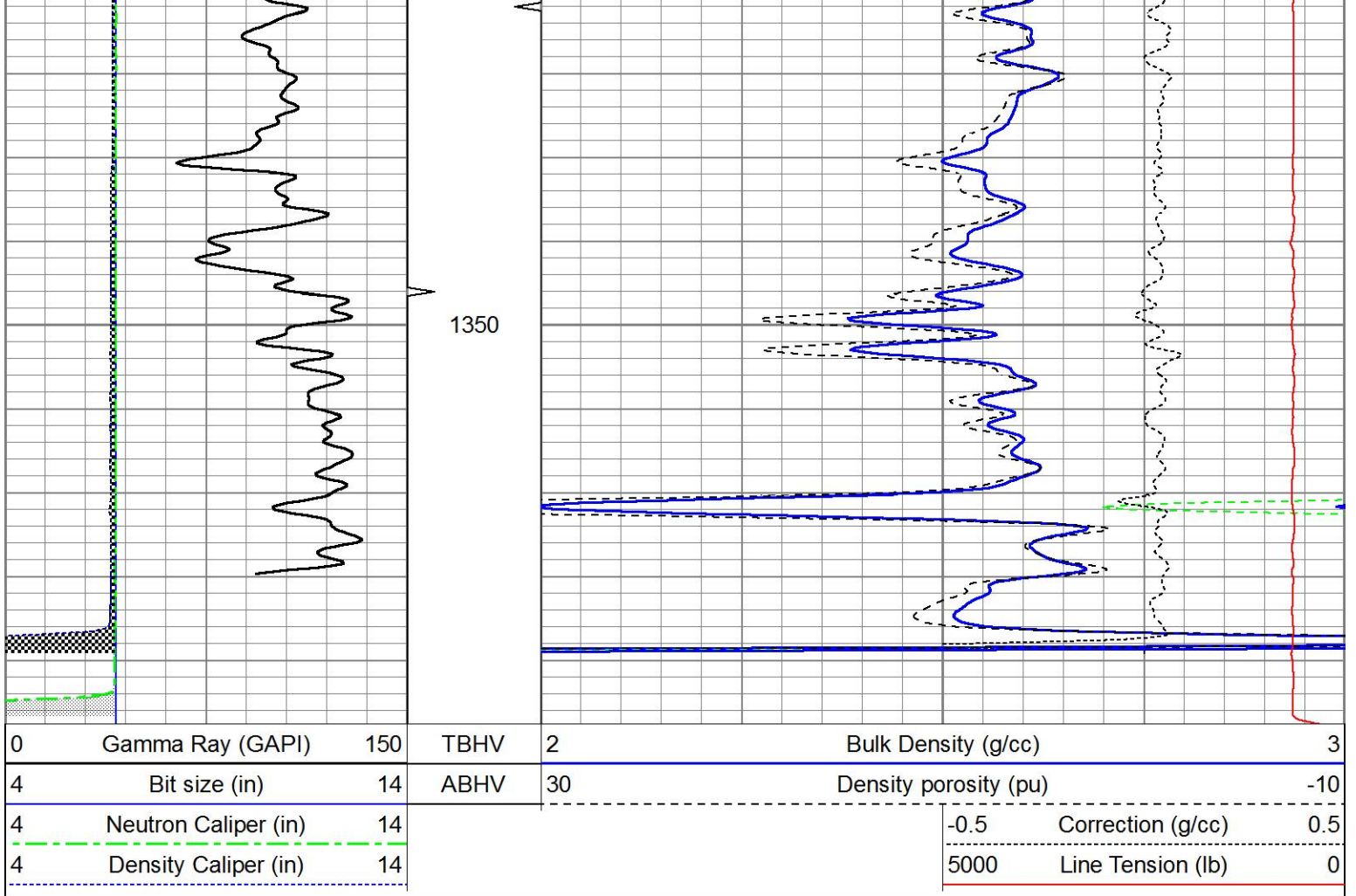








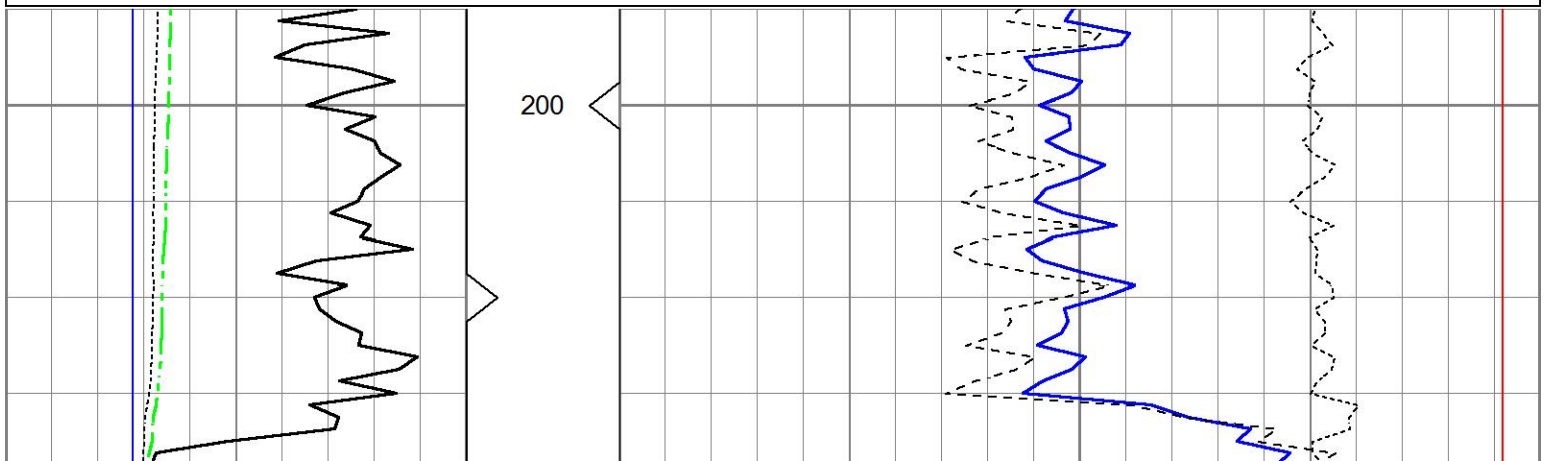


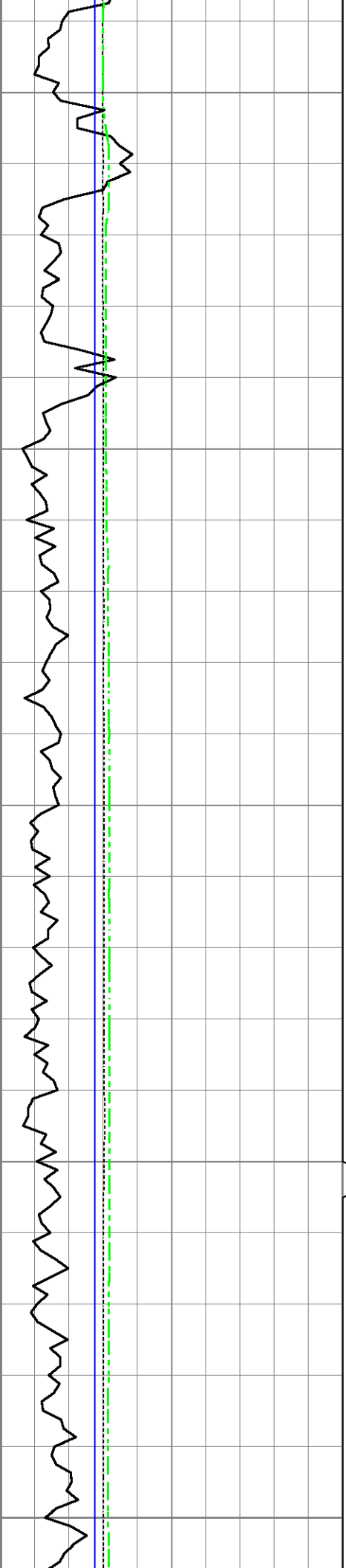


25" HR CDL SECTION

Database File ow2-8827 colt energy.db
 Dataset Pathname CDL/pass1.5
 Presentation Format bulk4hr
 Dataset Creation Thu May 21 11:24:52 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





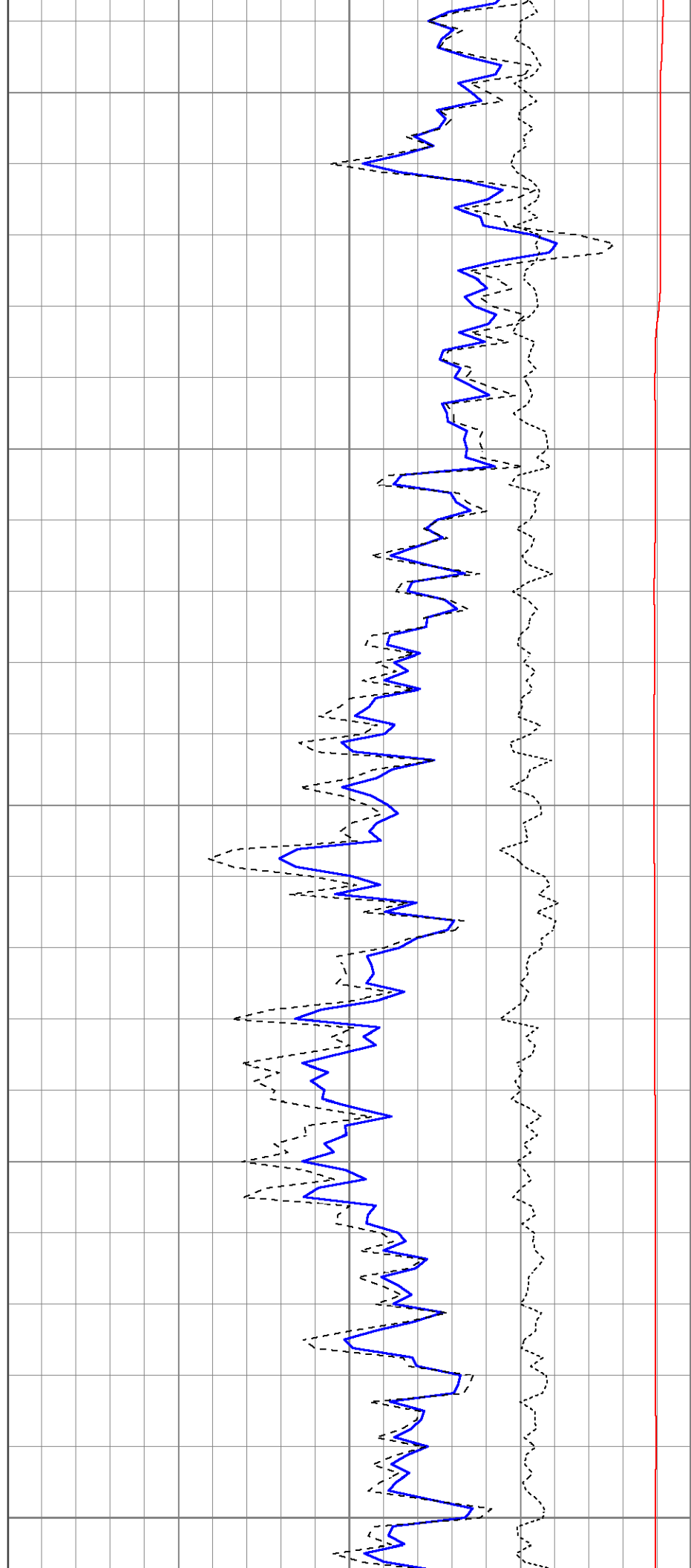
210

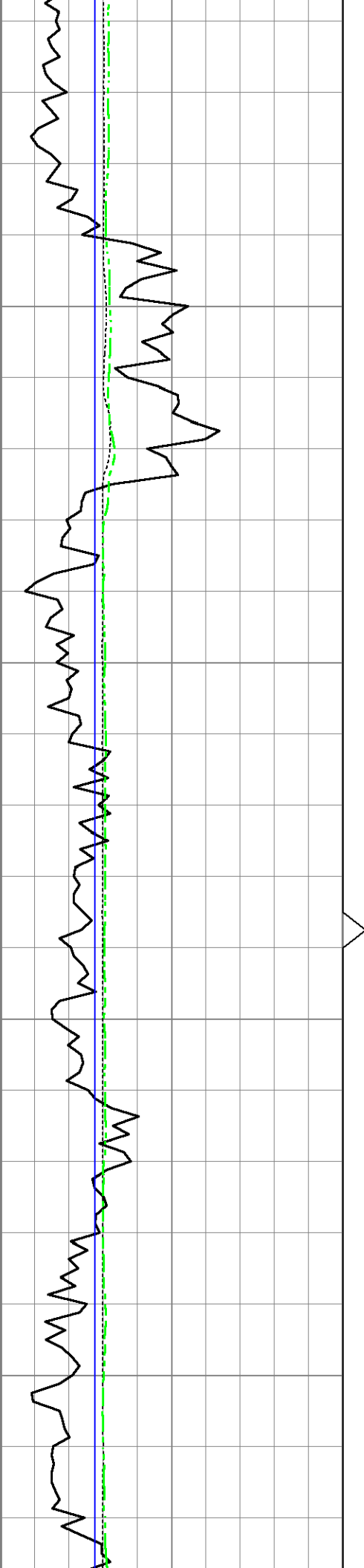
220

230

240

250



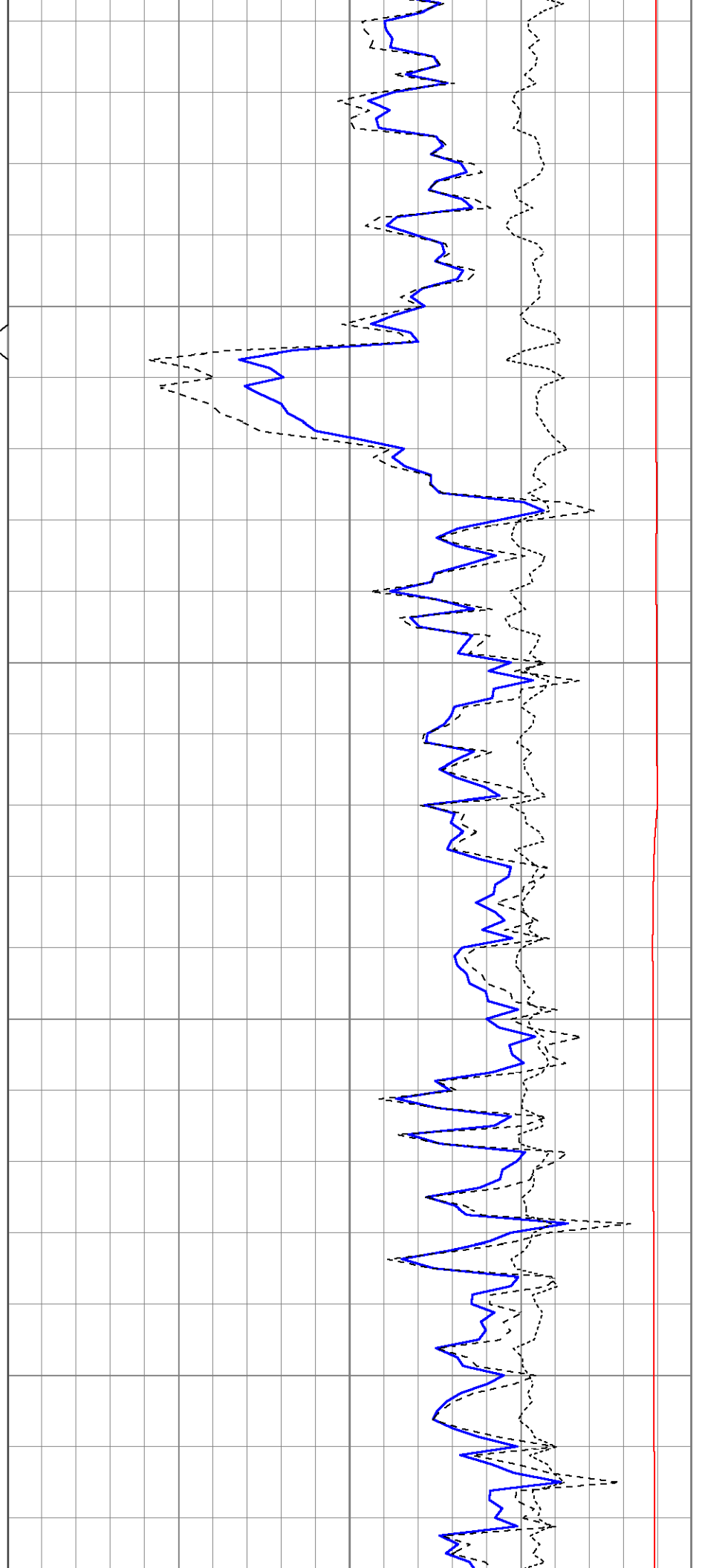


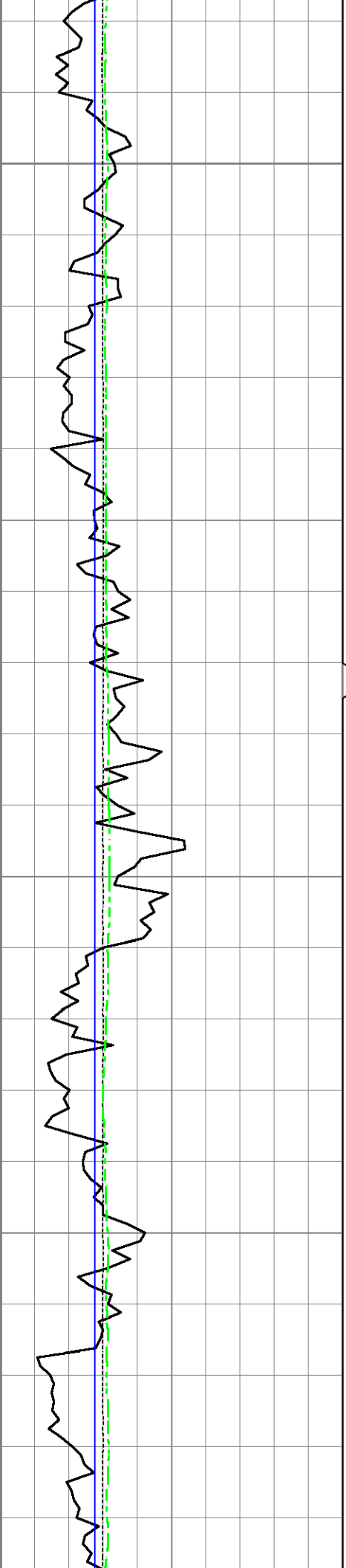
260

270

280

290



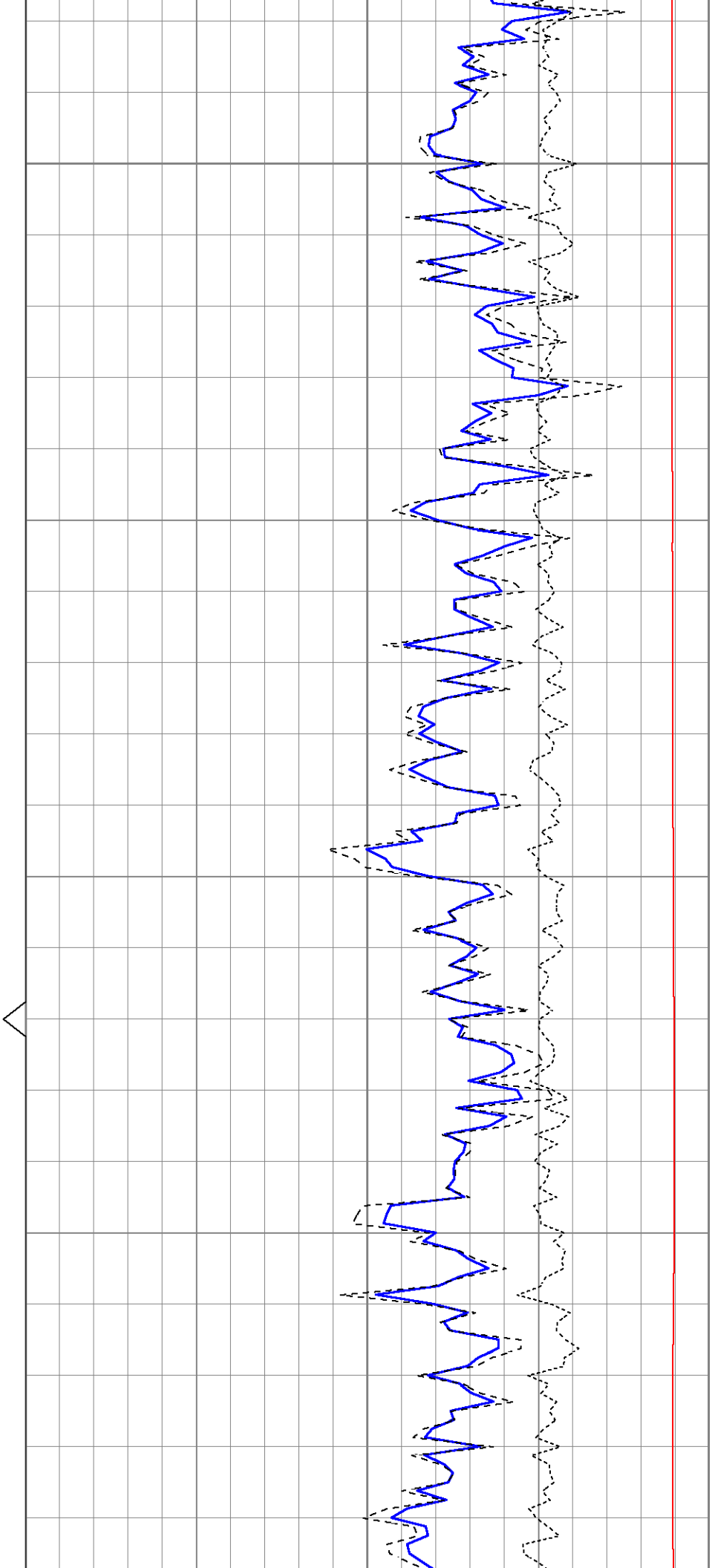


300

310

320

330



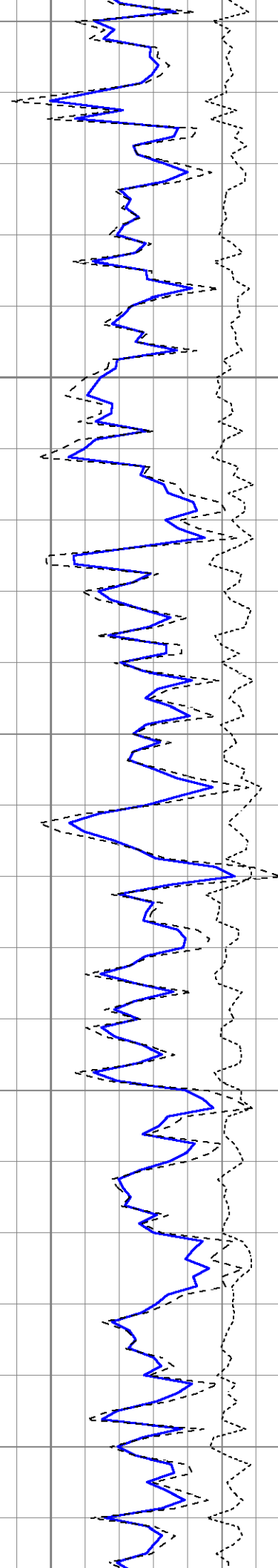
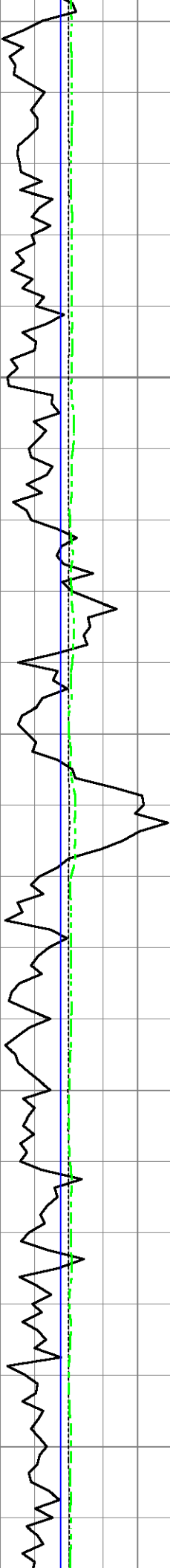
340

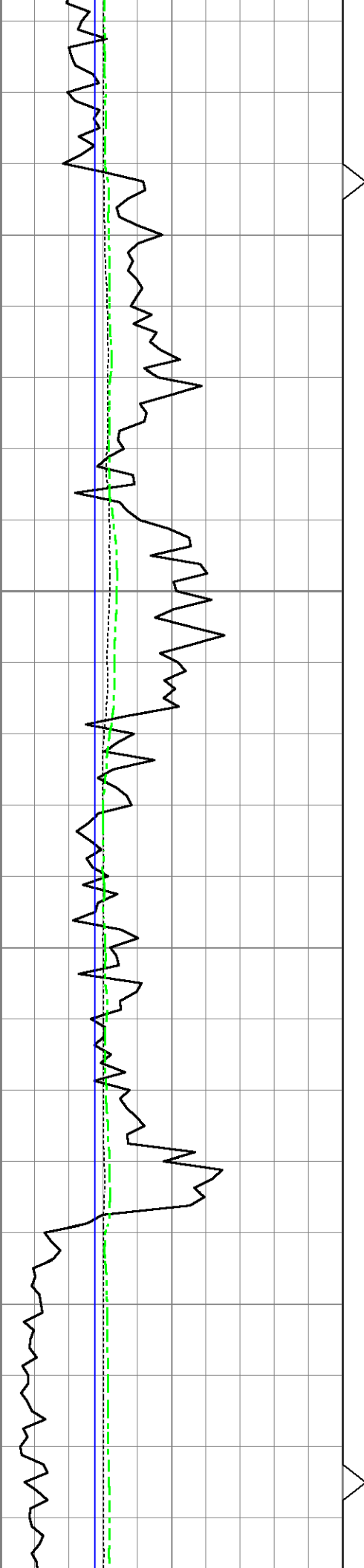
350

360

370

380



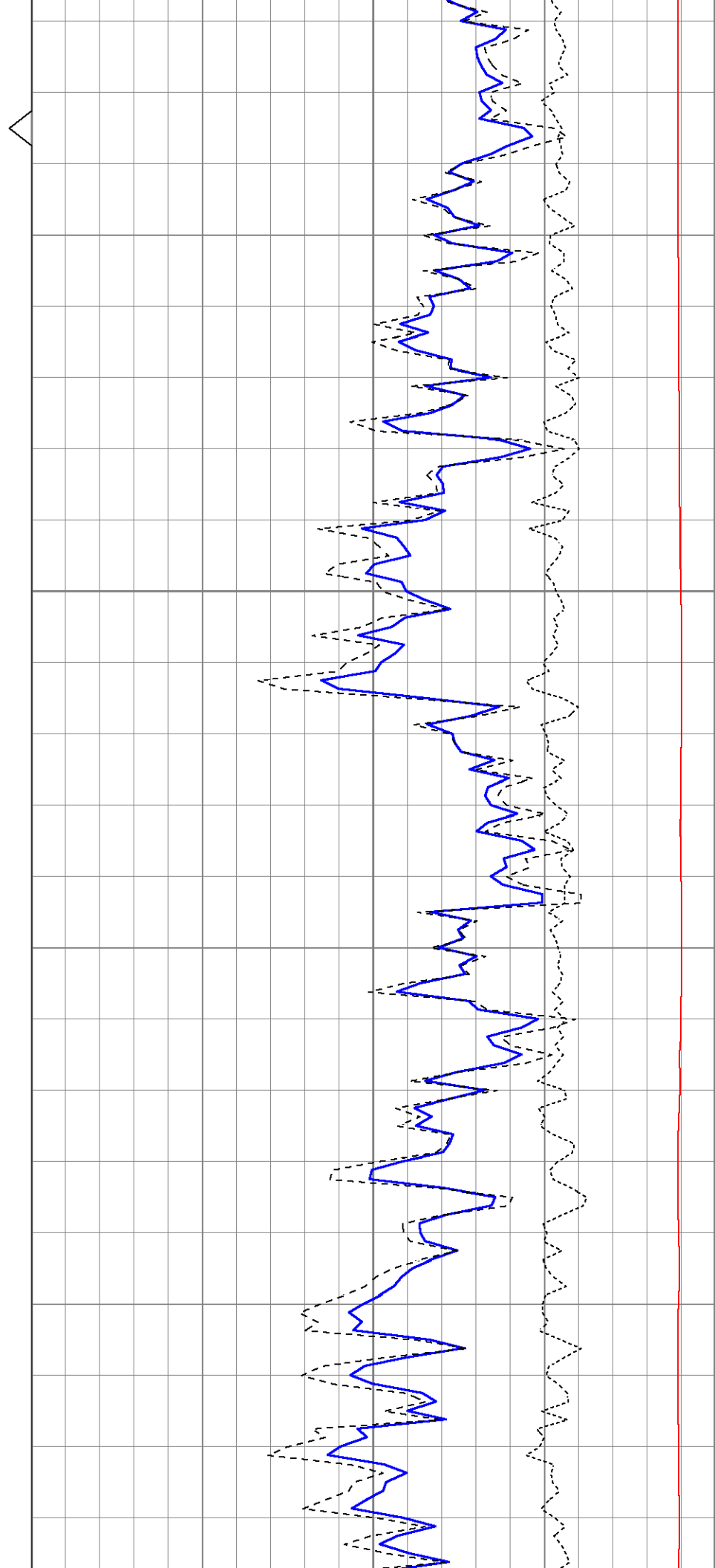


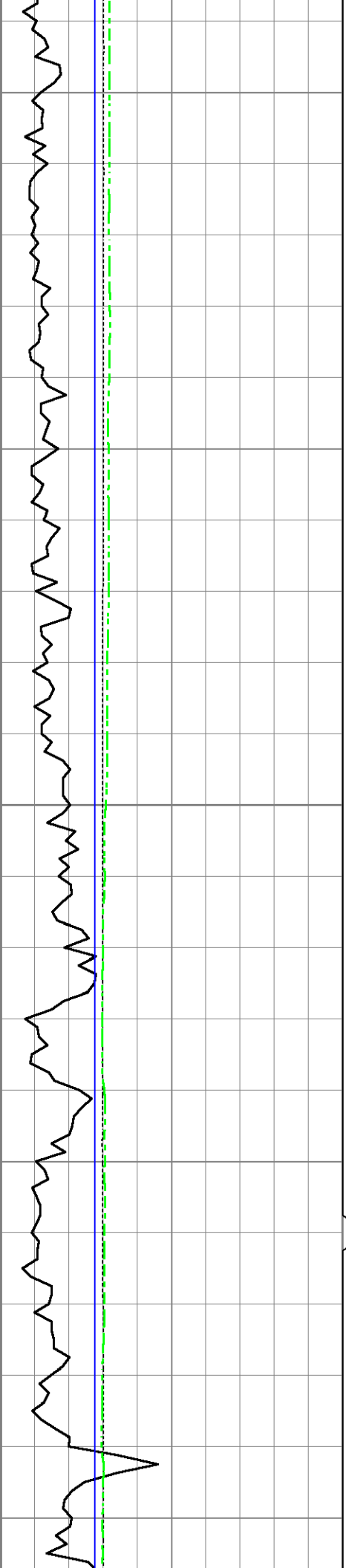
390

400

410

420





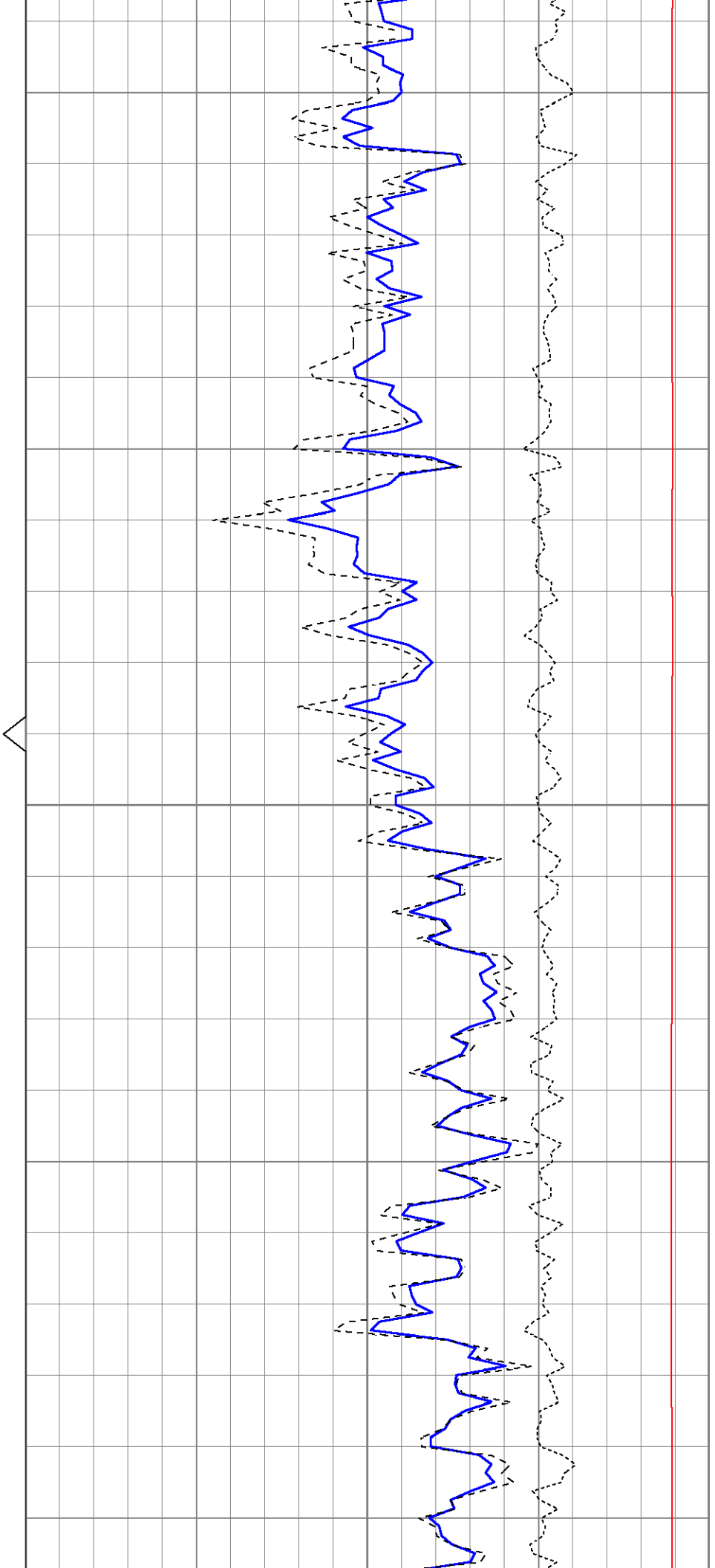
430

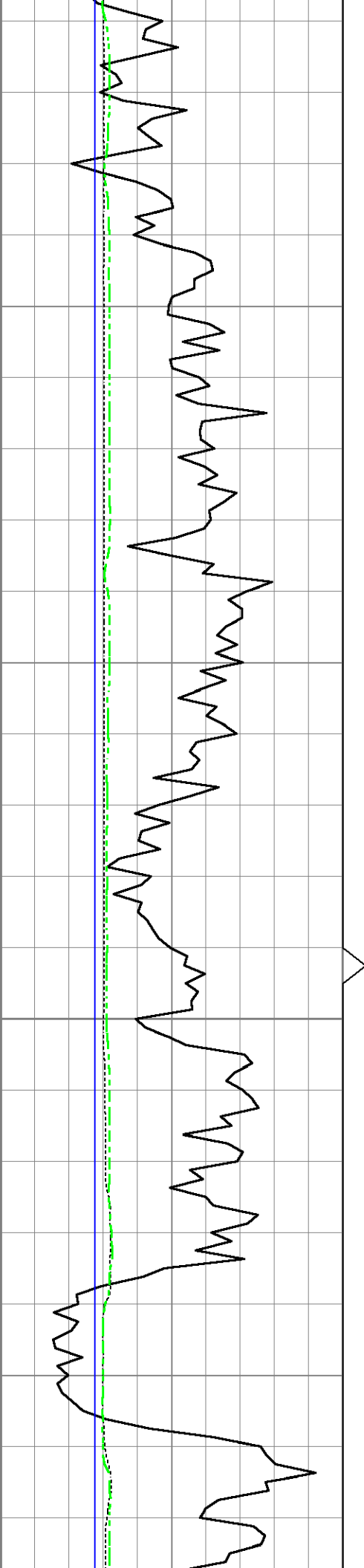
440

450

460

470



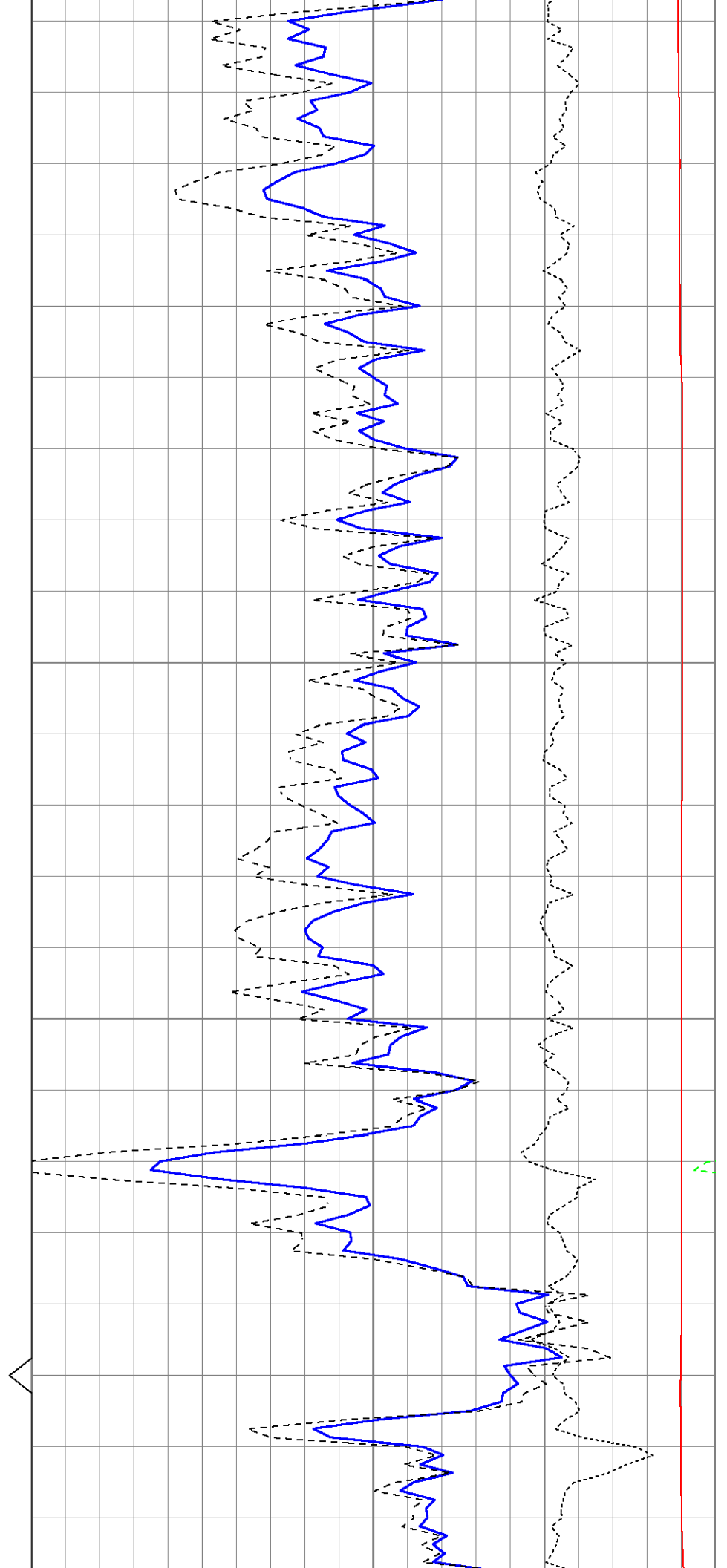


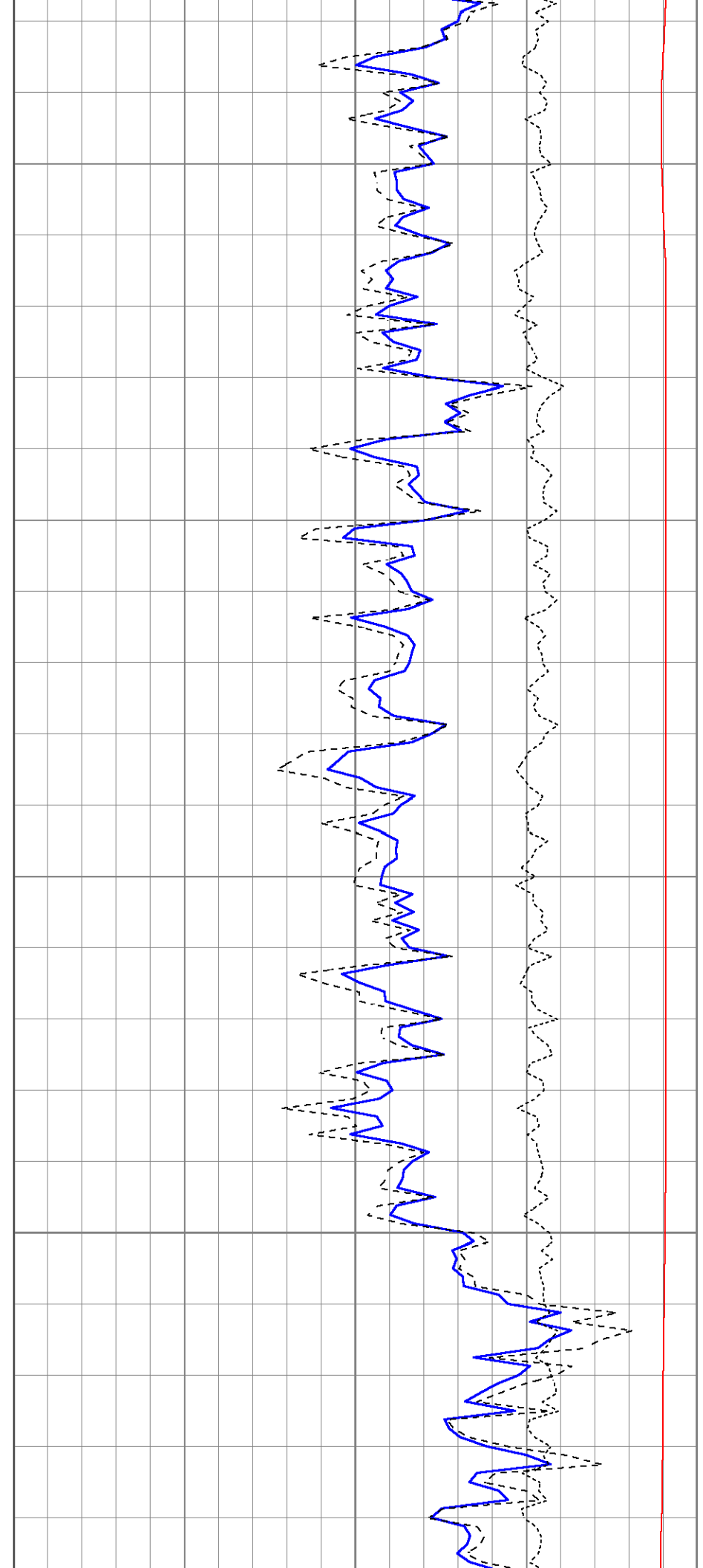
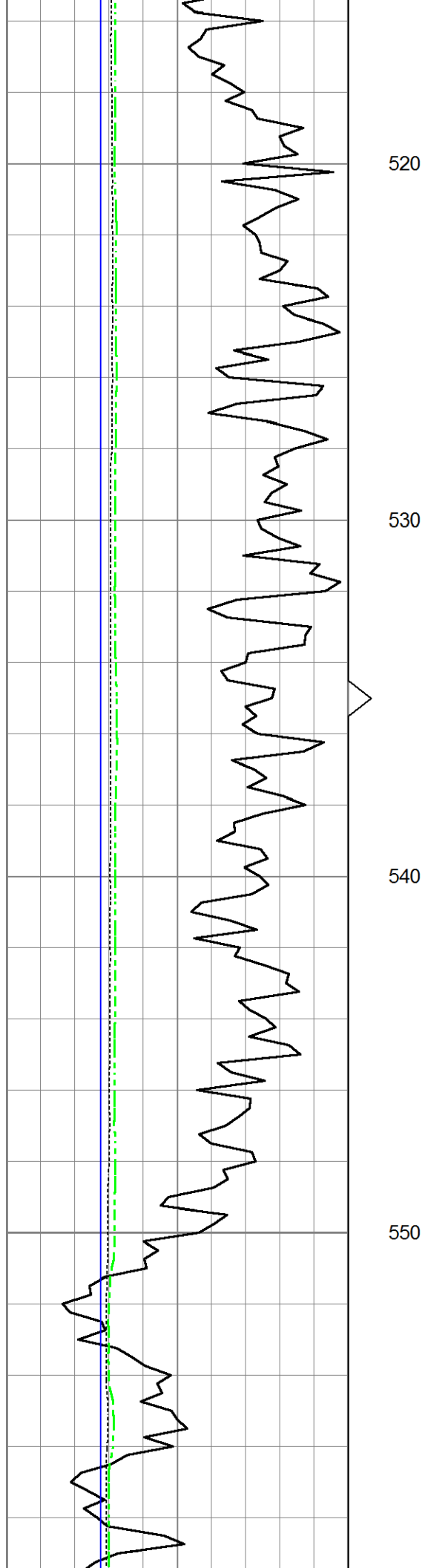
480

490

500

510





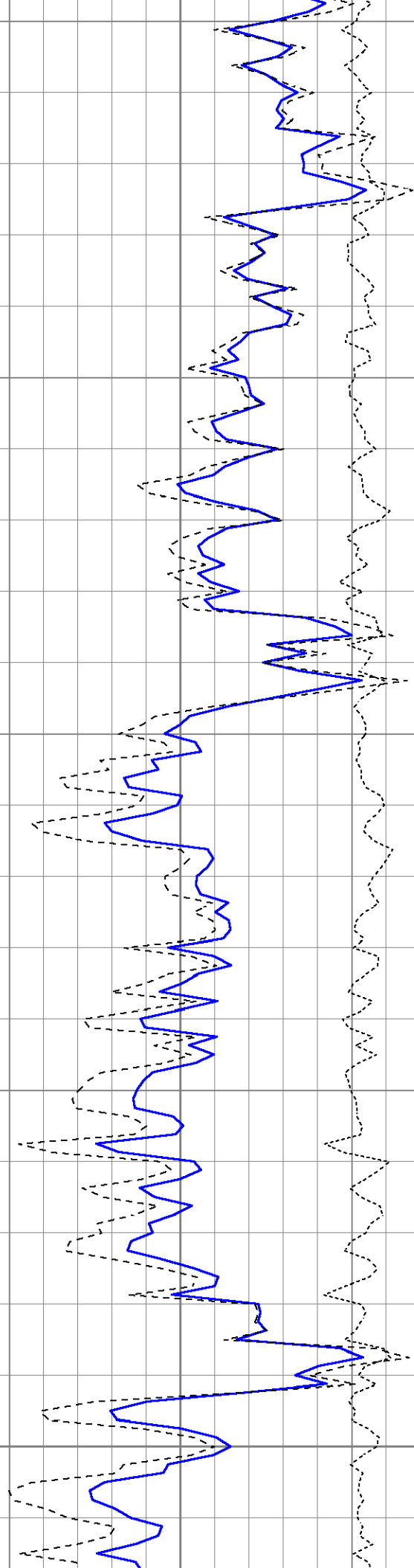
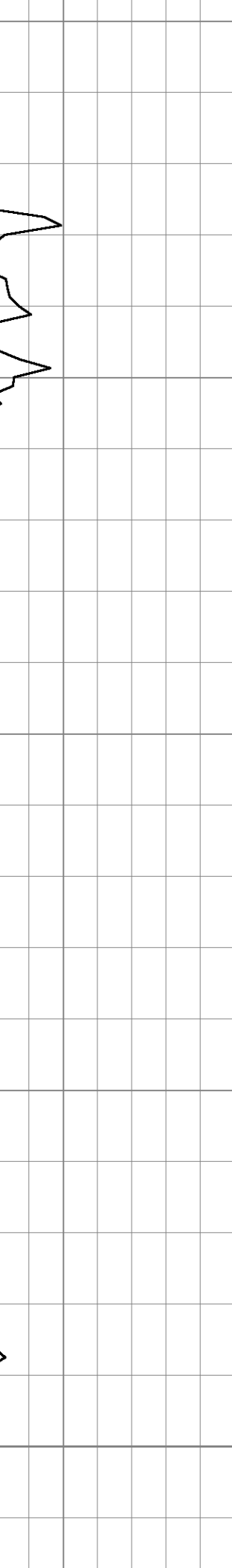
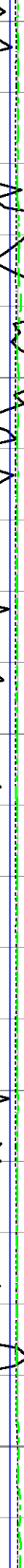
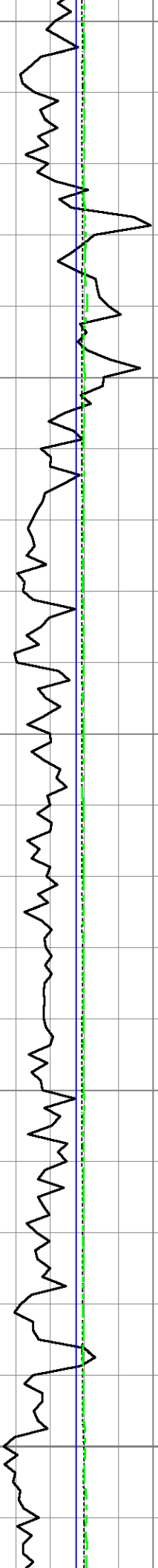
560

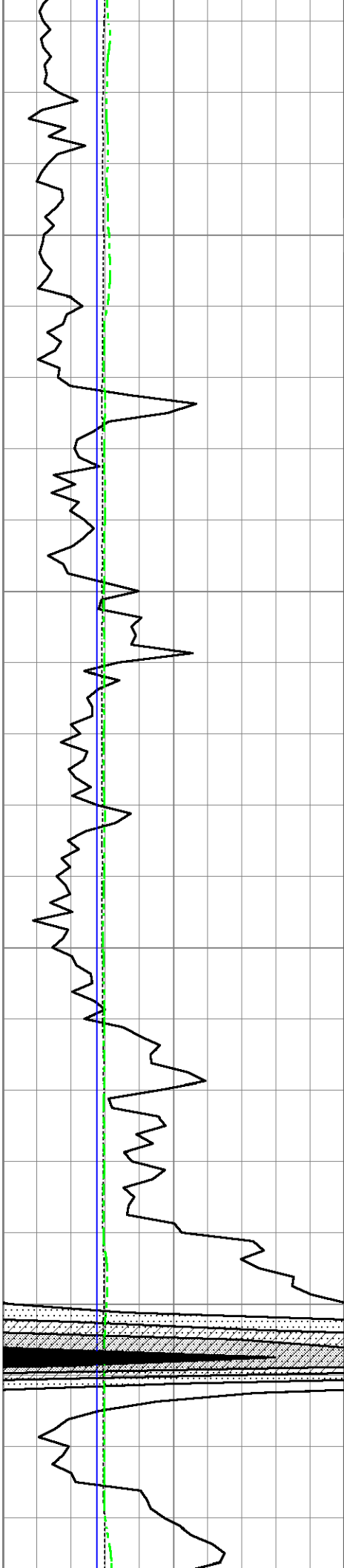
570

580

590

600



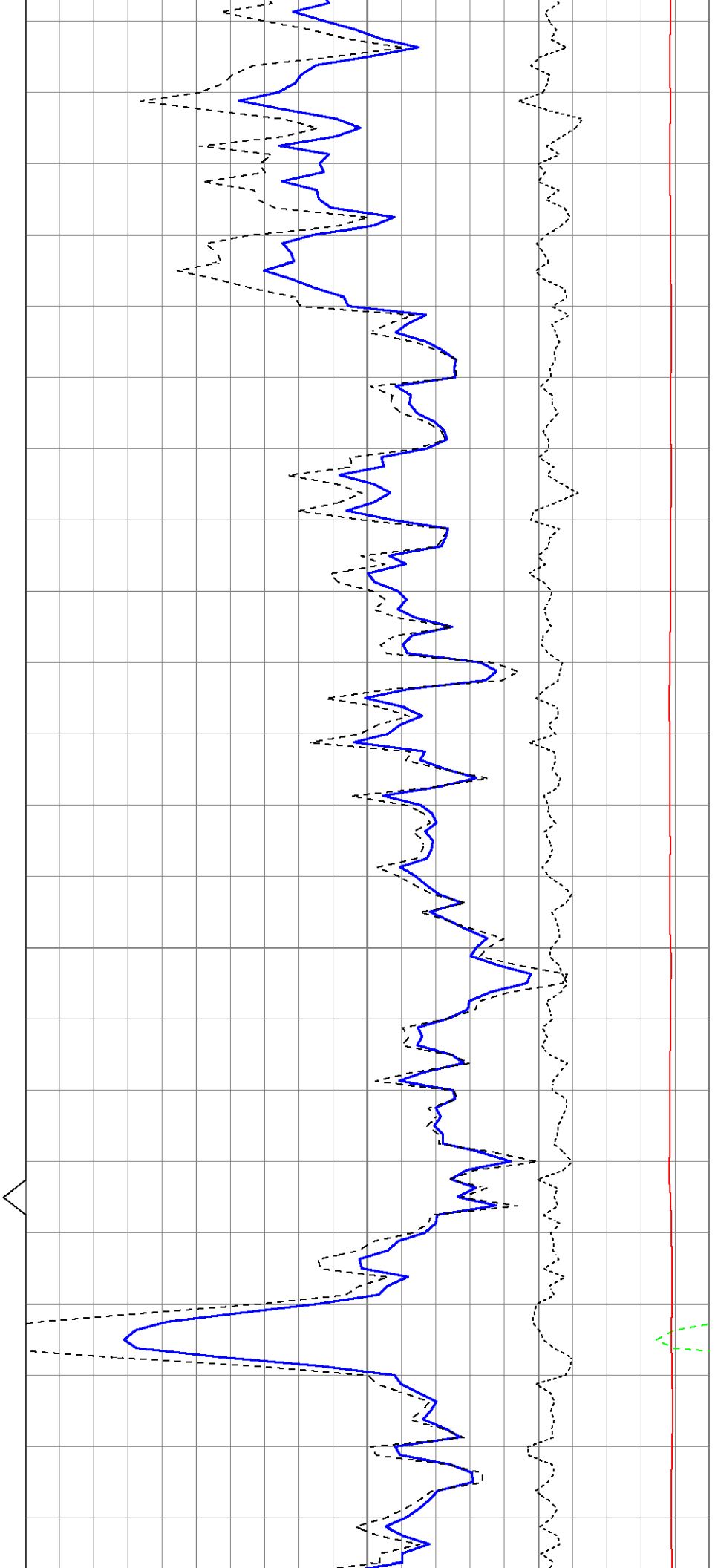


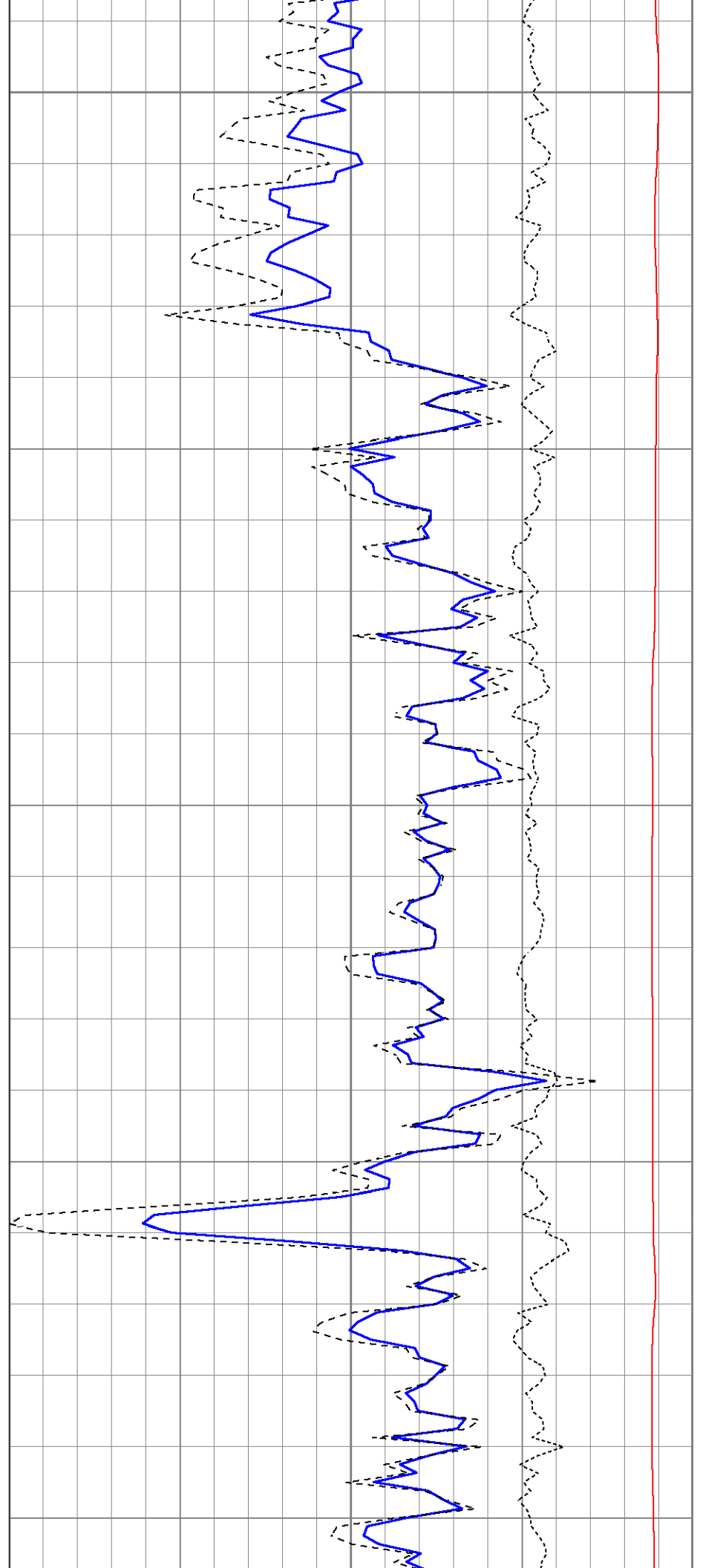
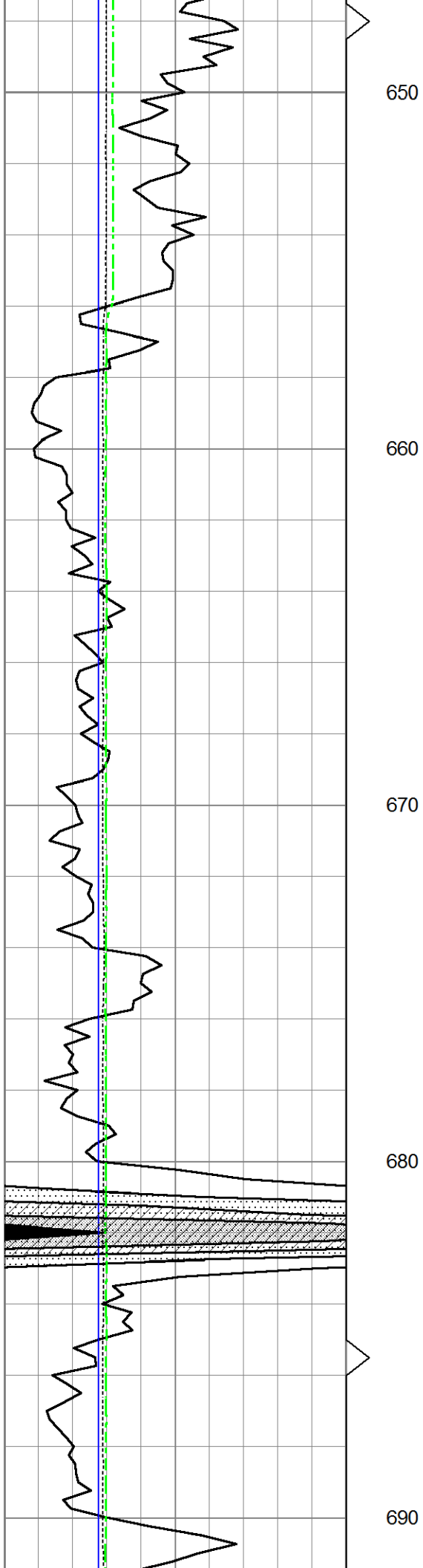
610

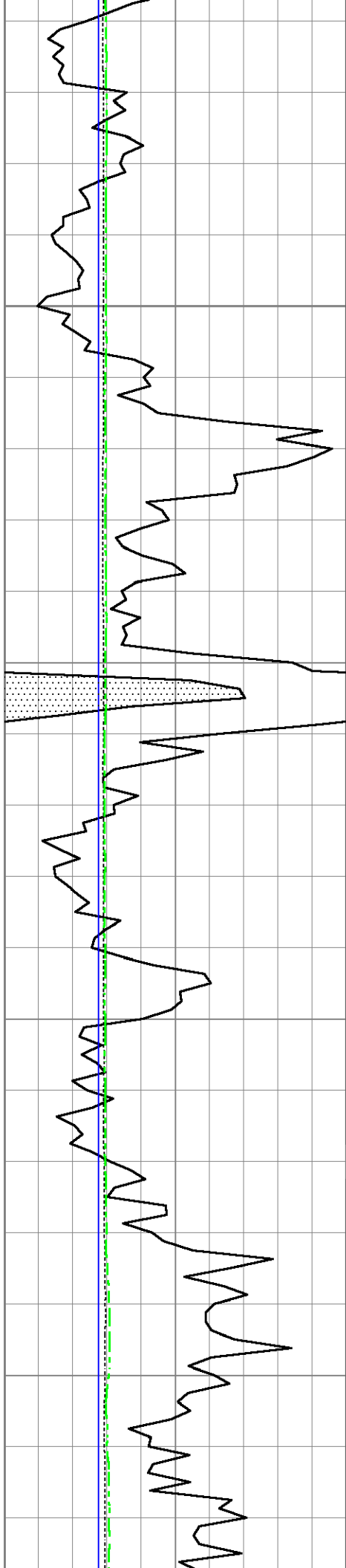
620

630

640





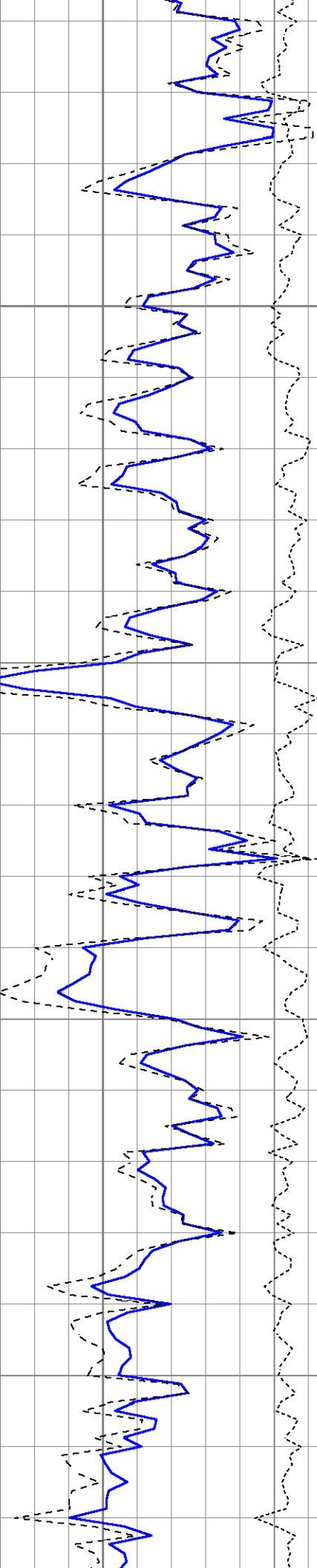


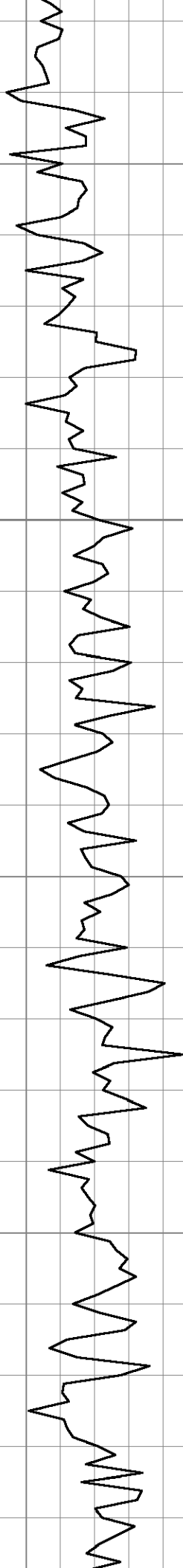
700

710

720

730



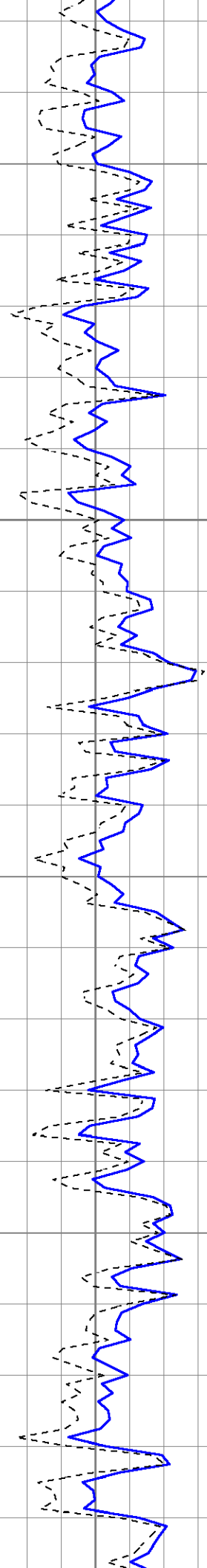


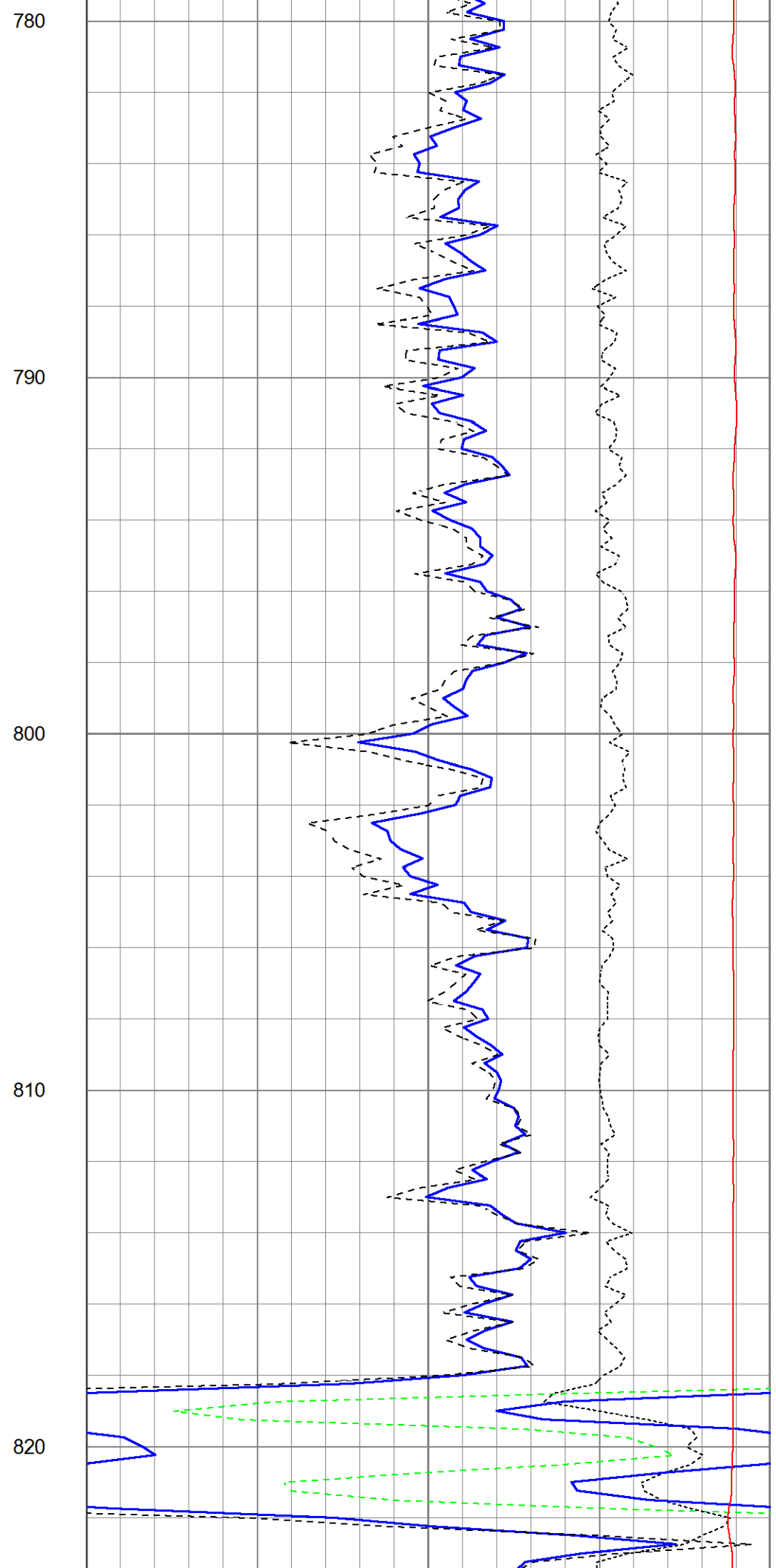
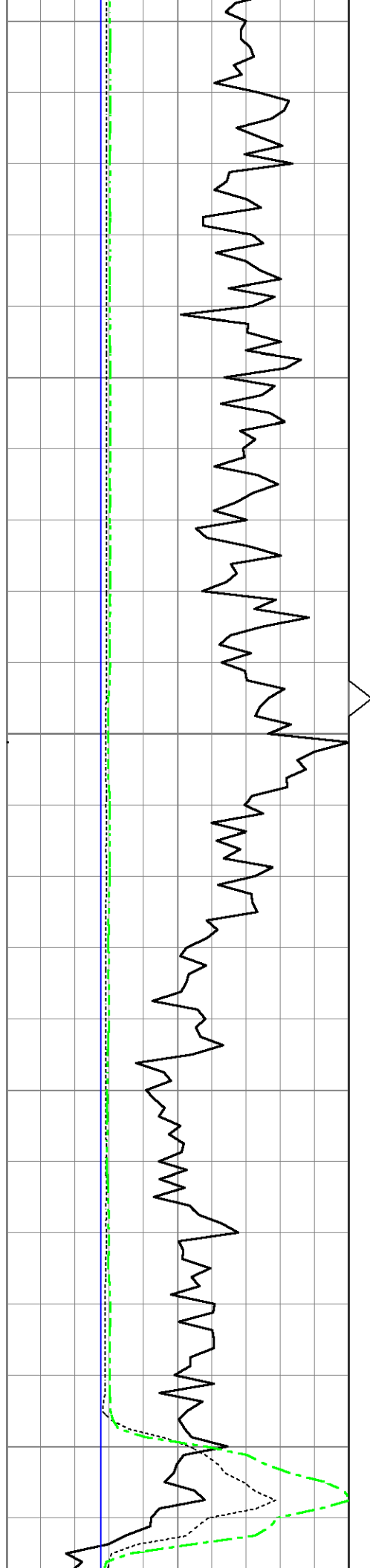
740

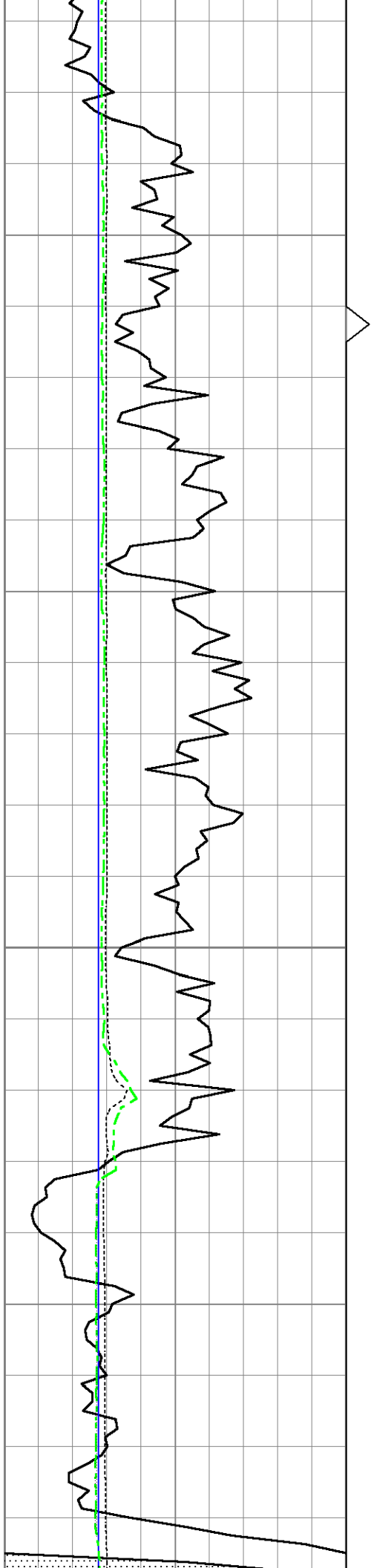
750

760

770





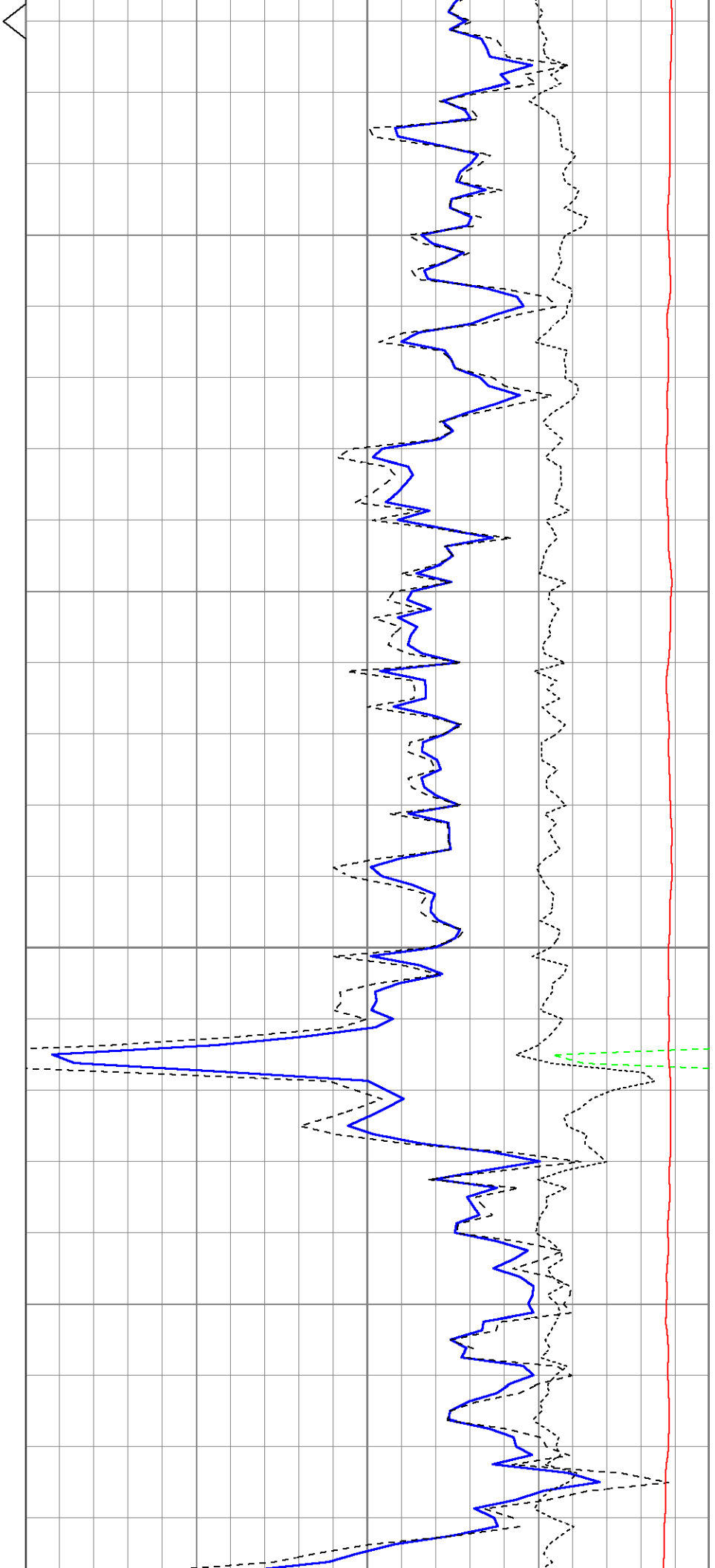


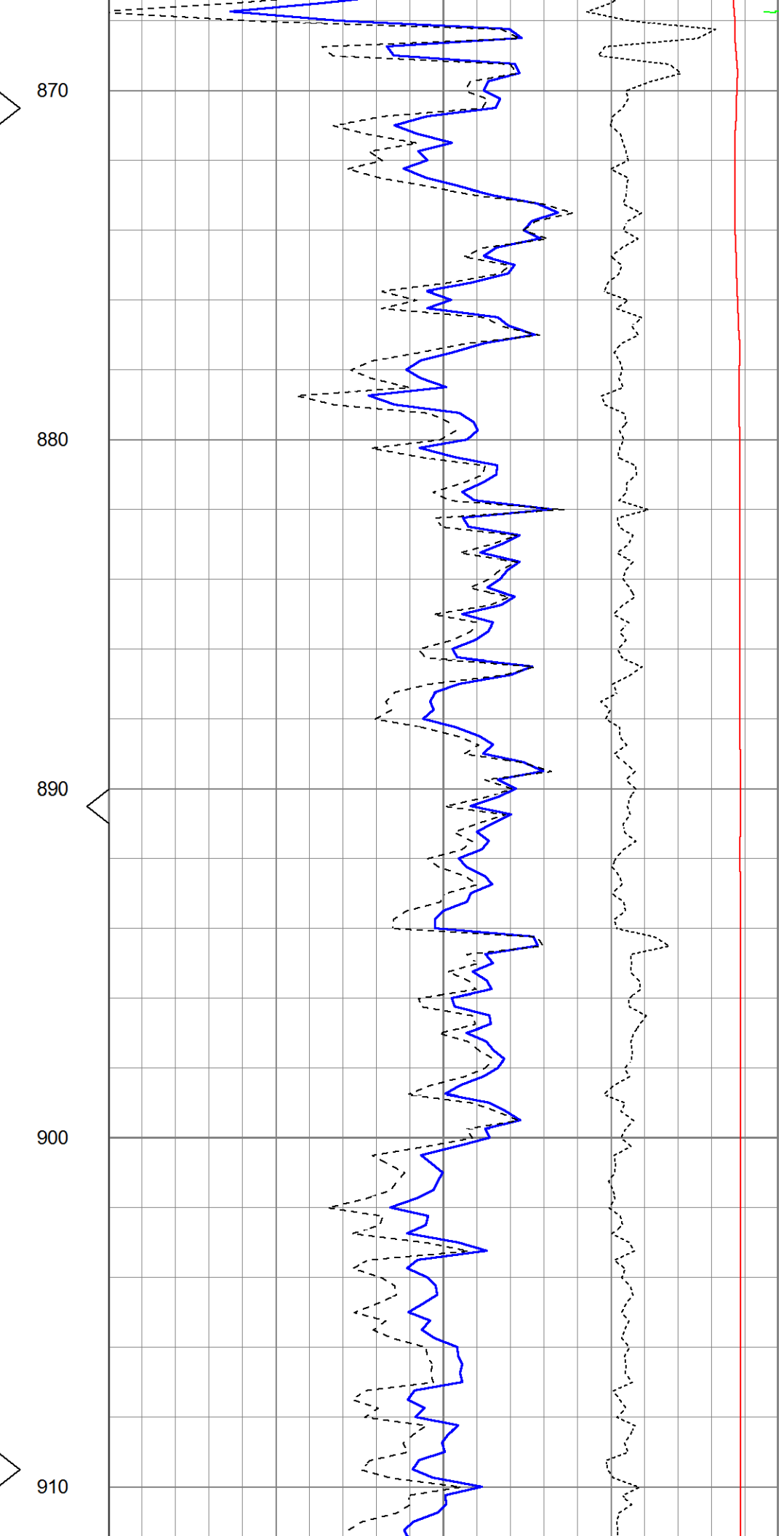
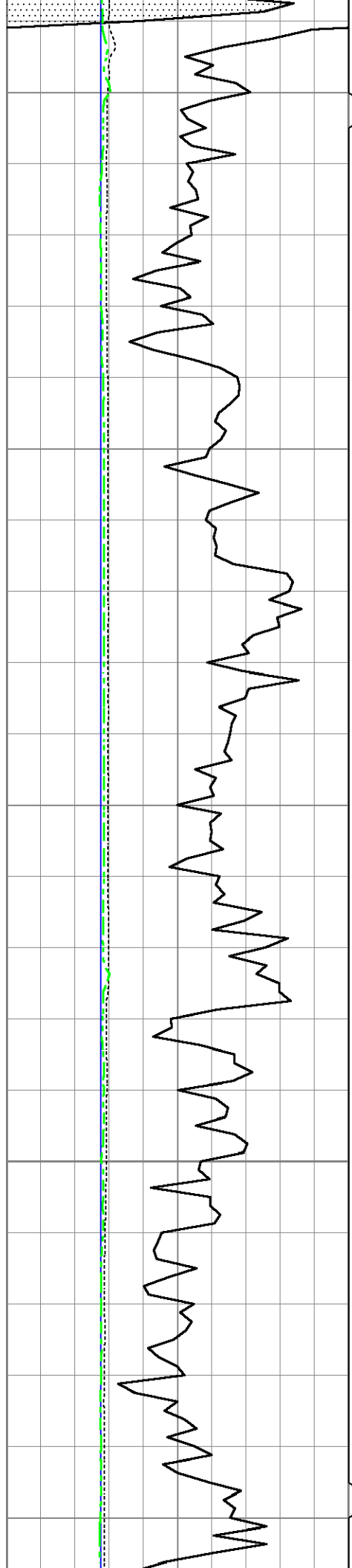
830

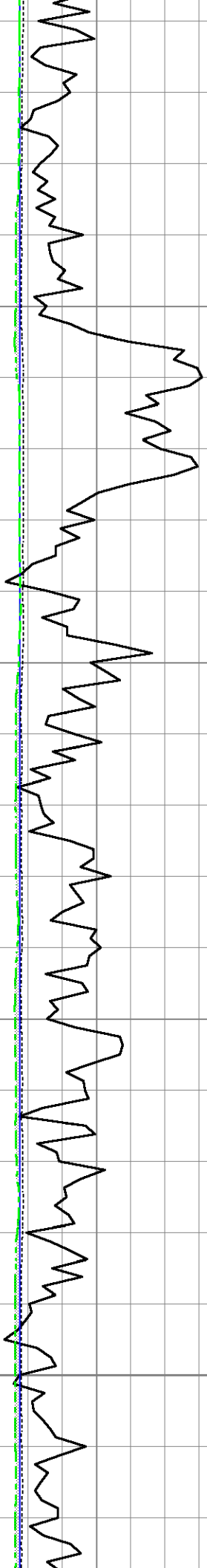
840

850

860





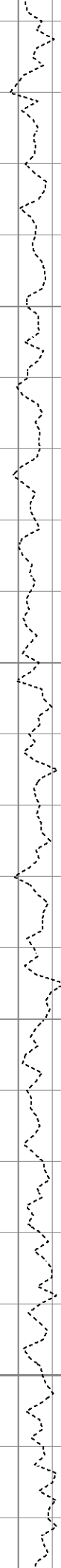
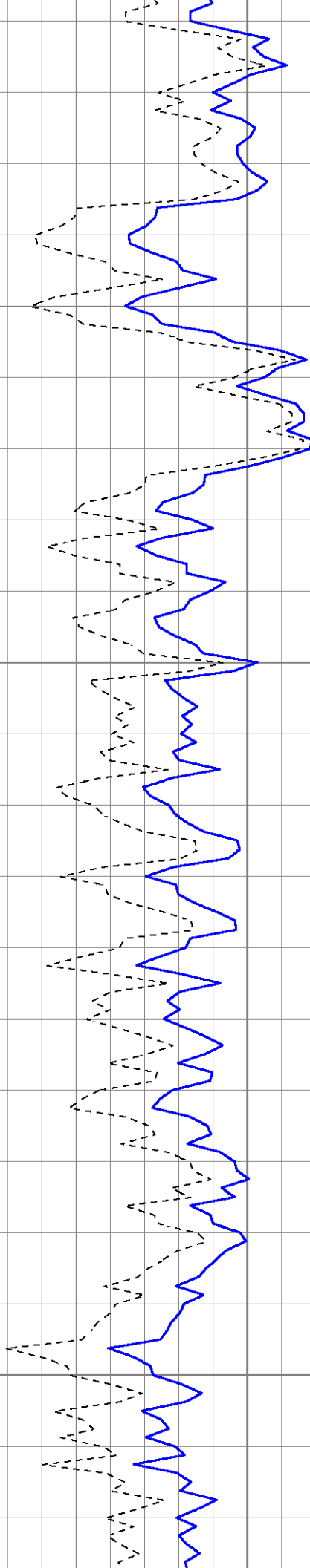


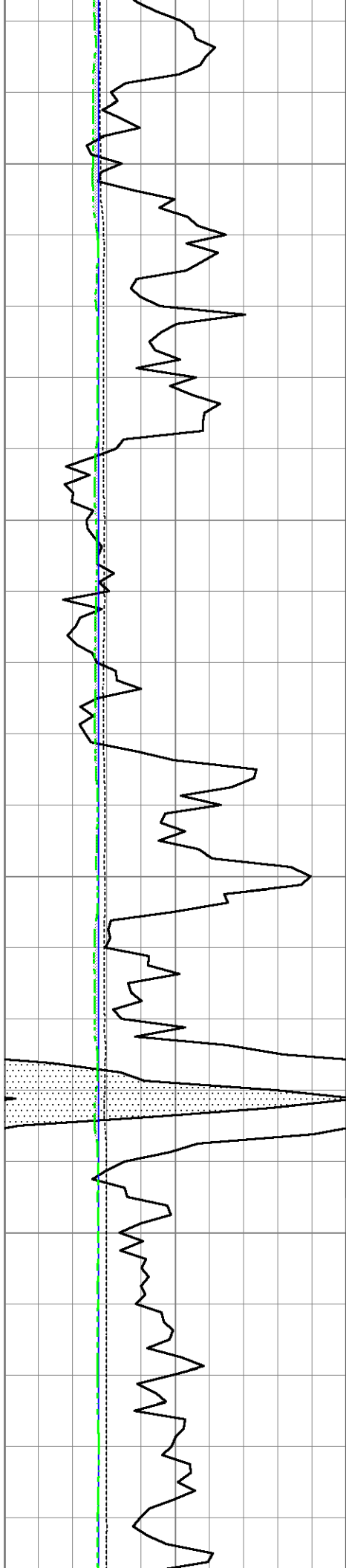
920

930

940

950



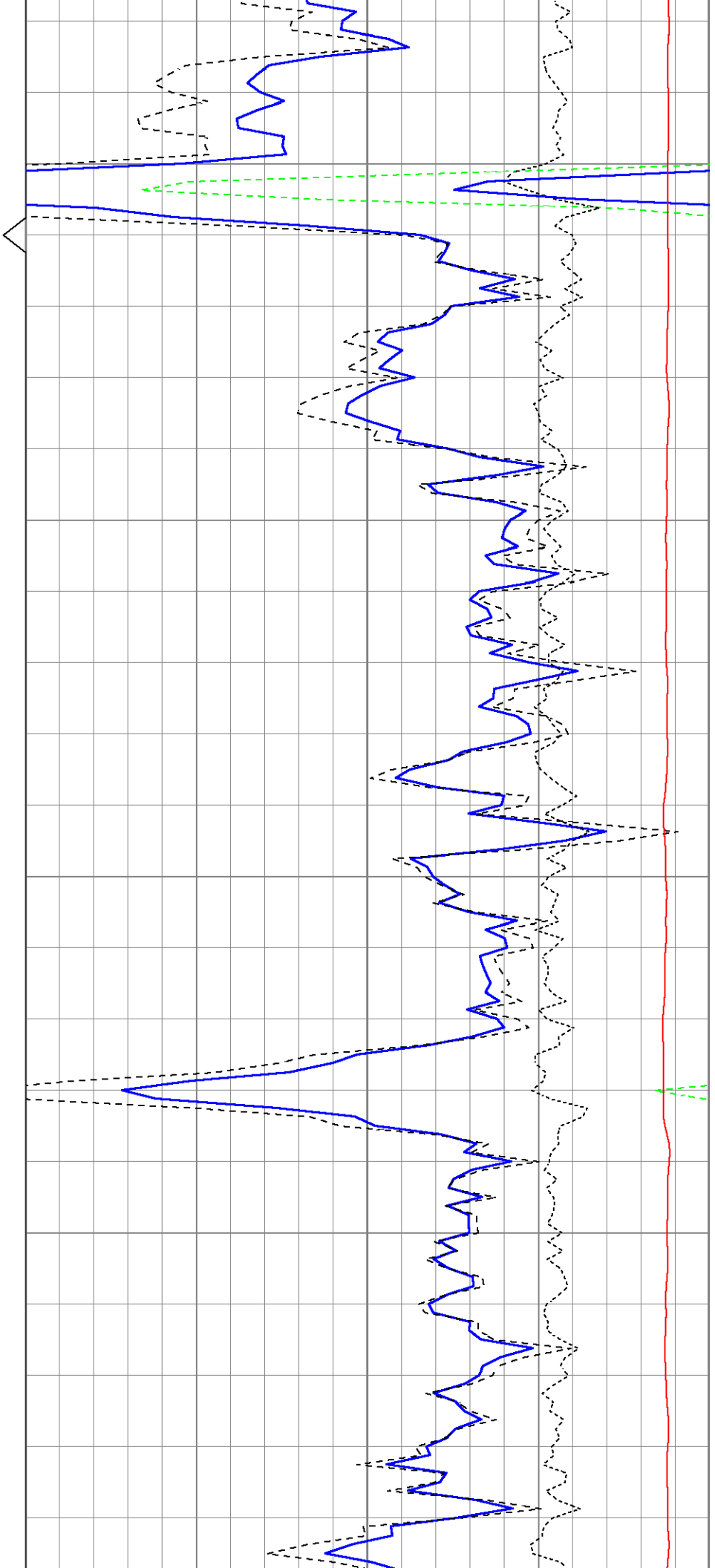


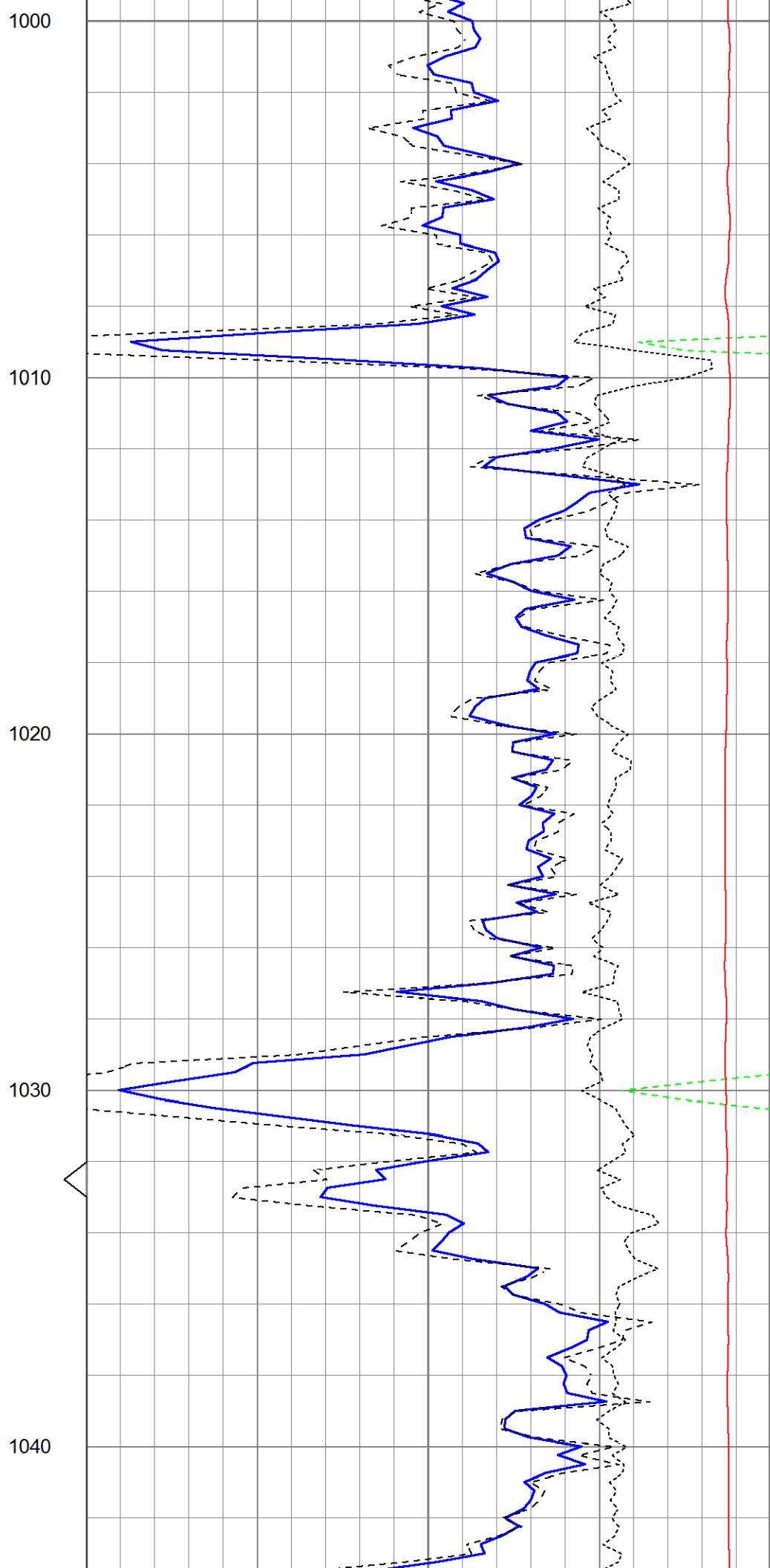
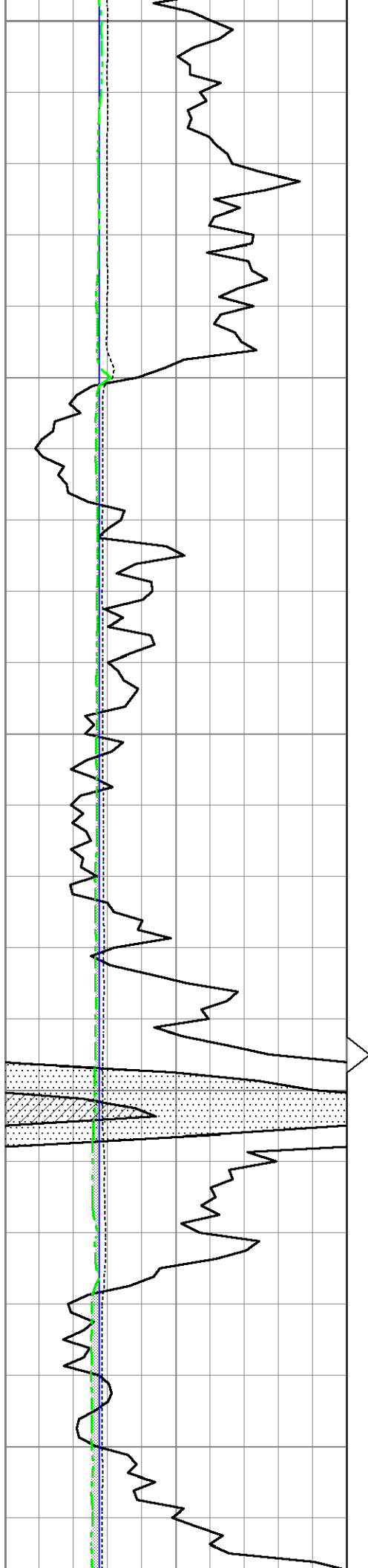
960

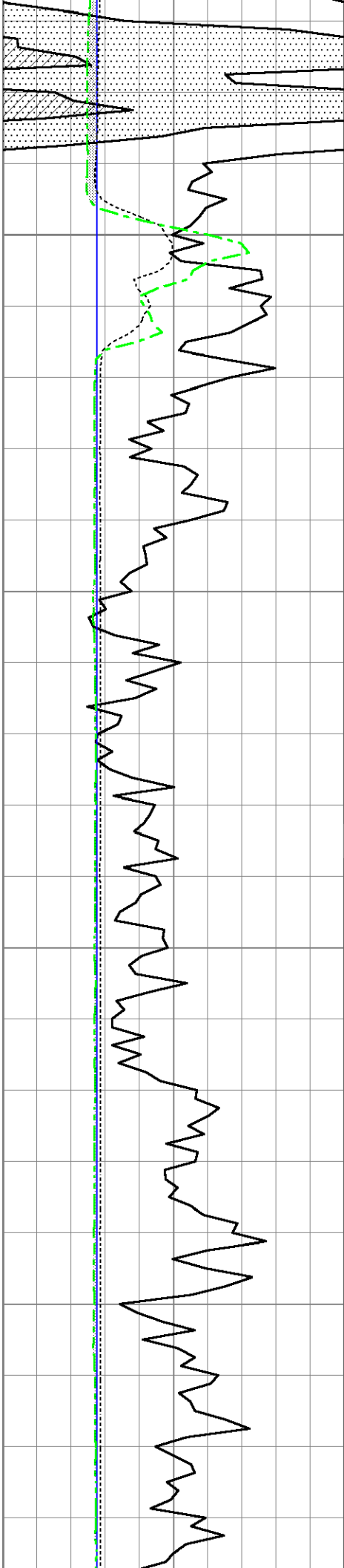
970

980

990





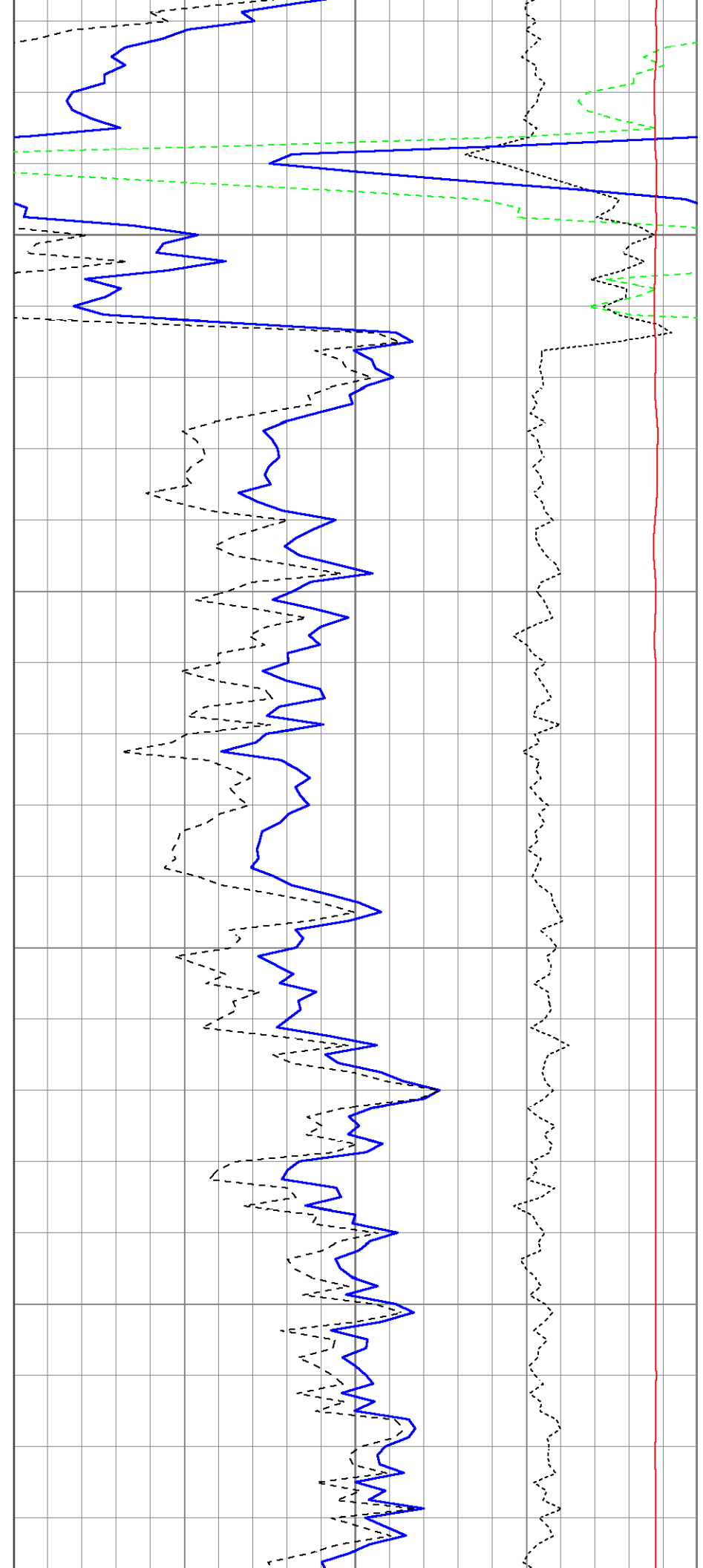


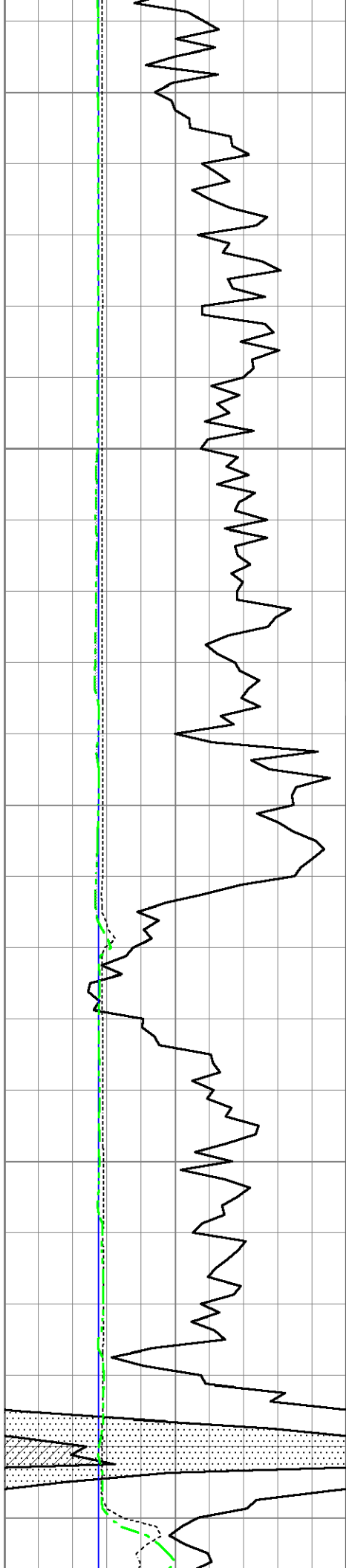
1050

1060

1070

1080





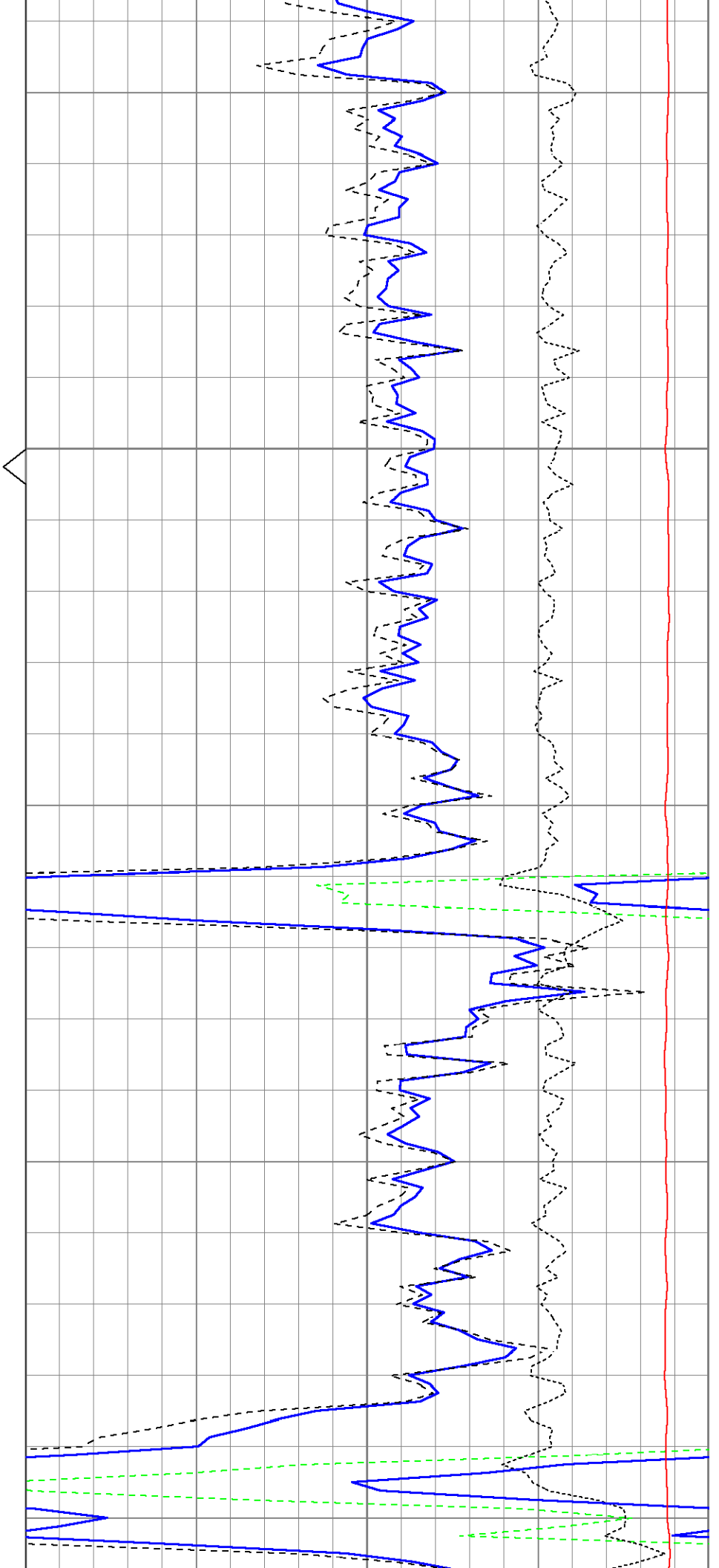
1090

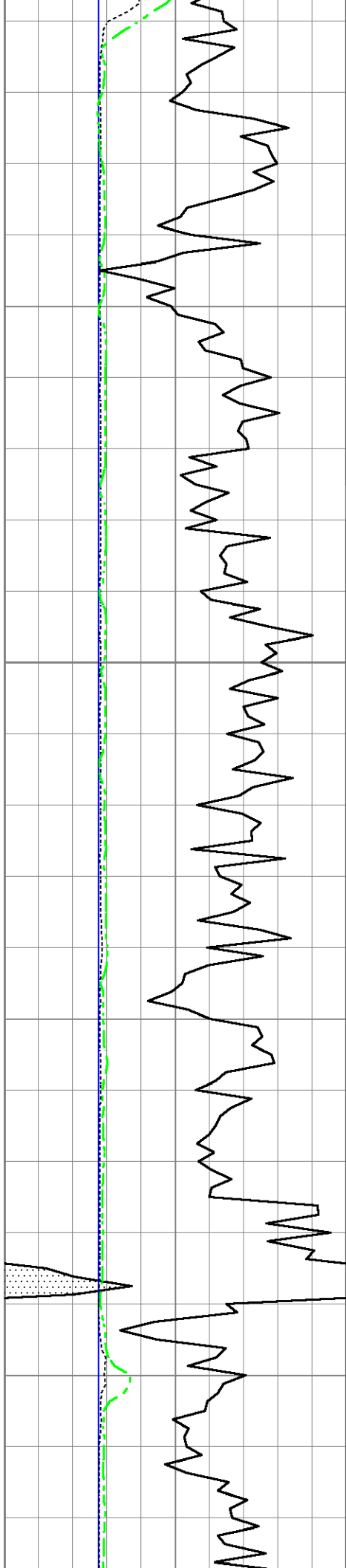
1100

1110

1120

1130



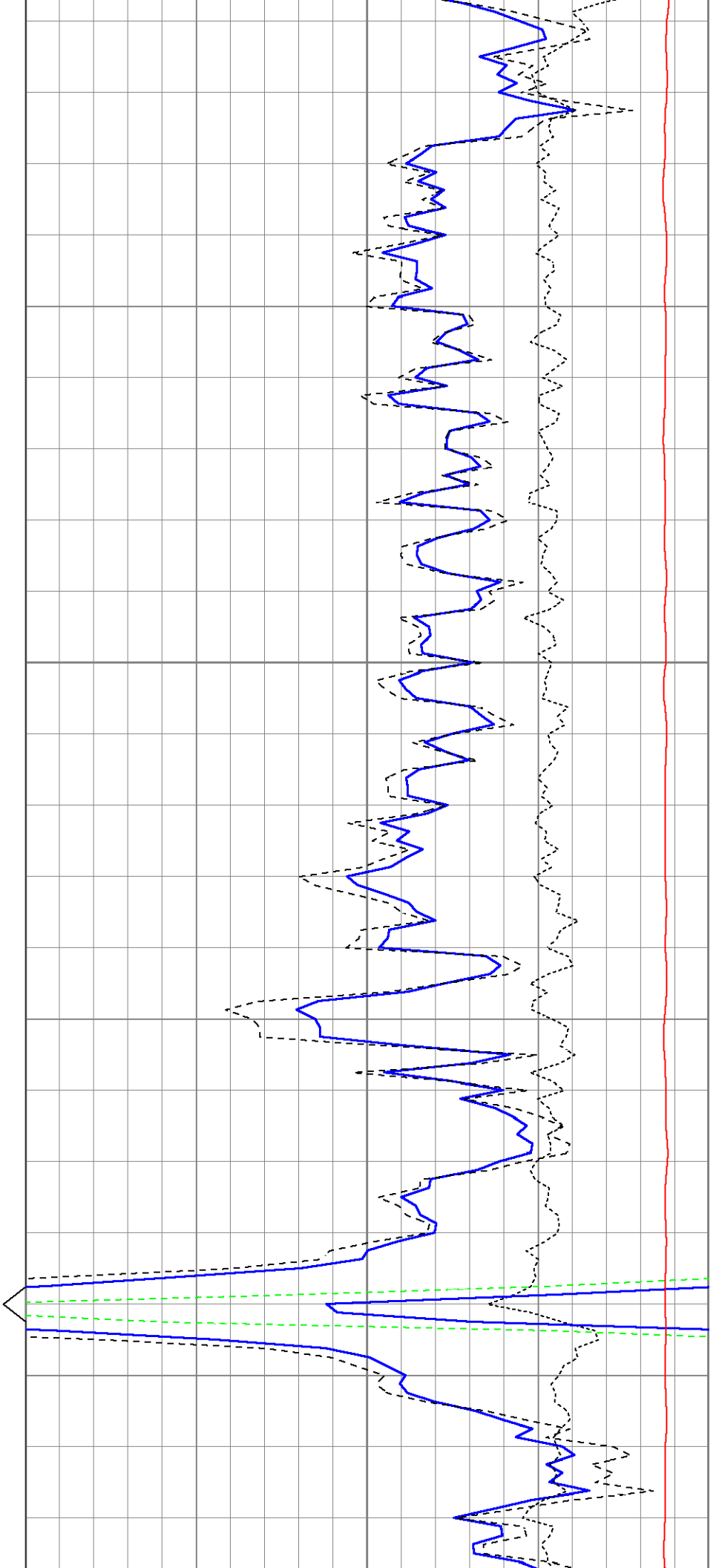


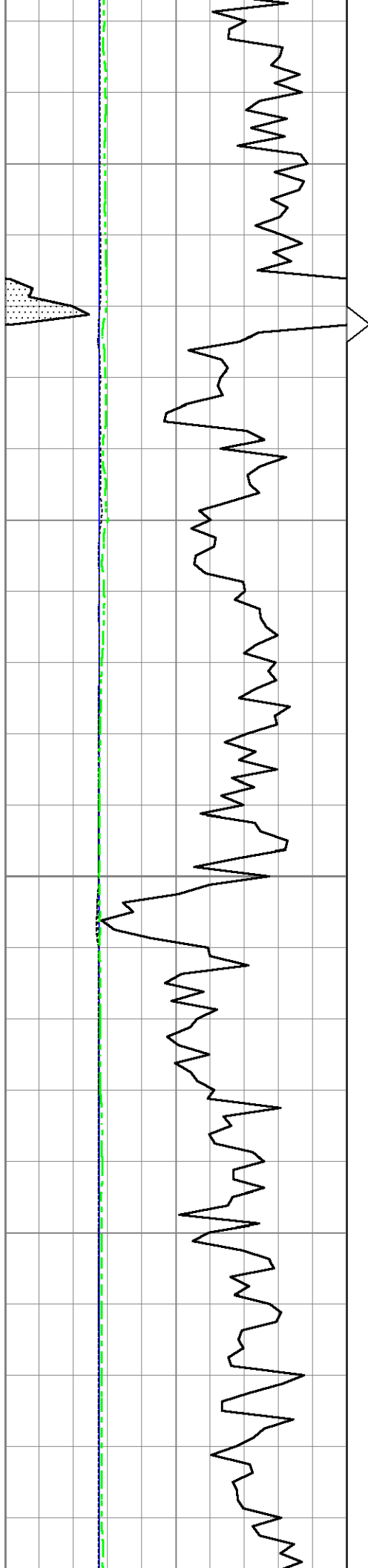
1140

1150

1160

1170



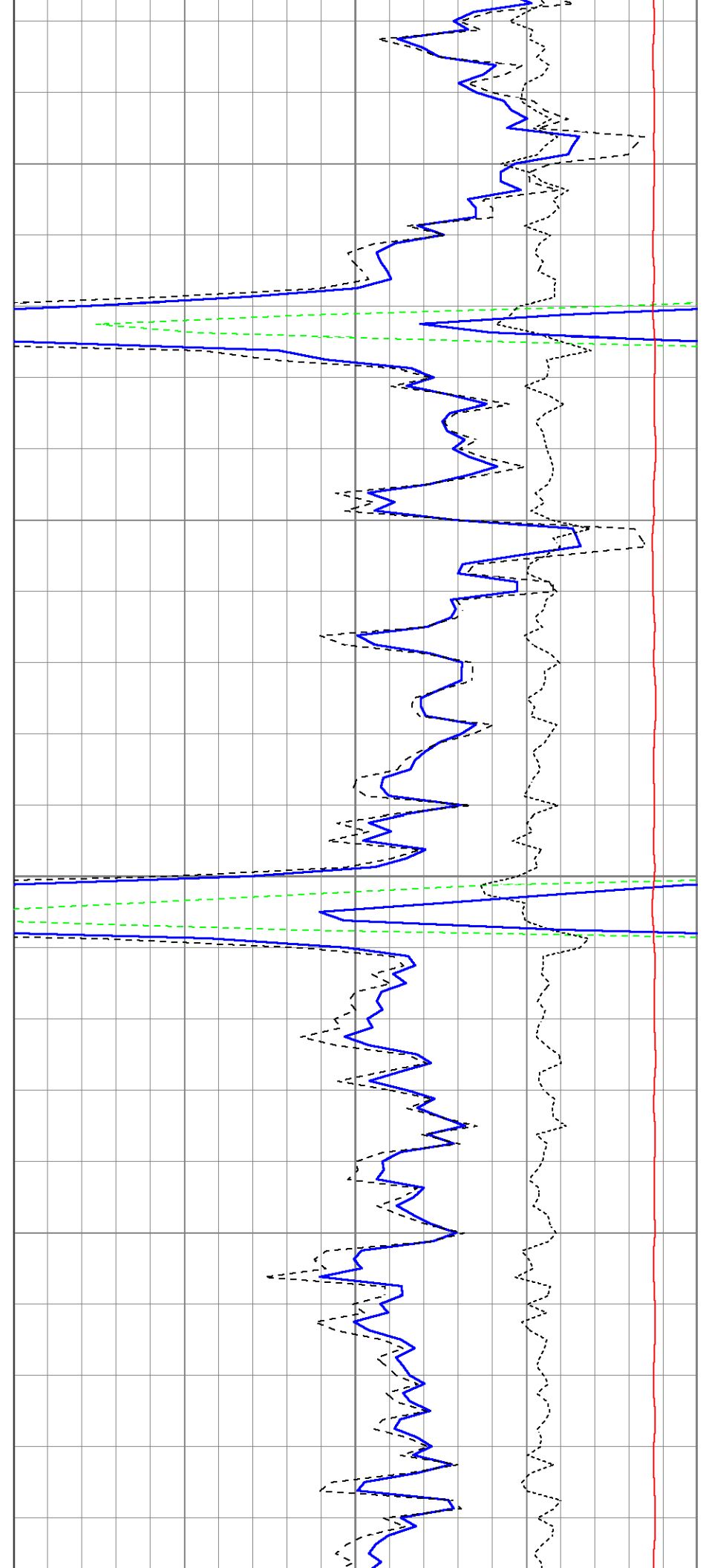


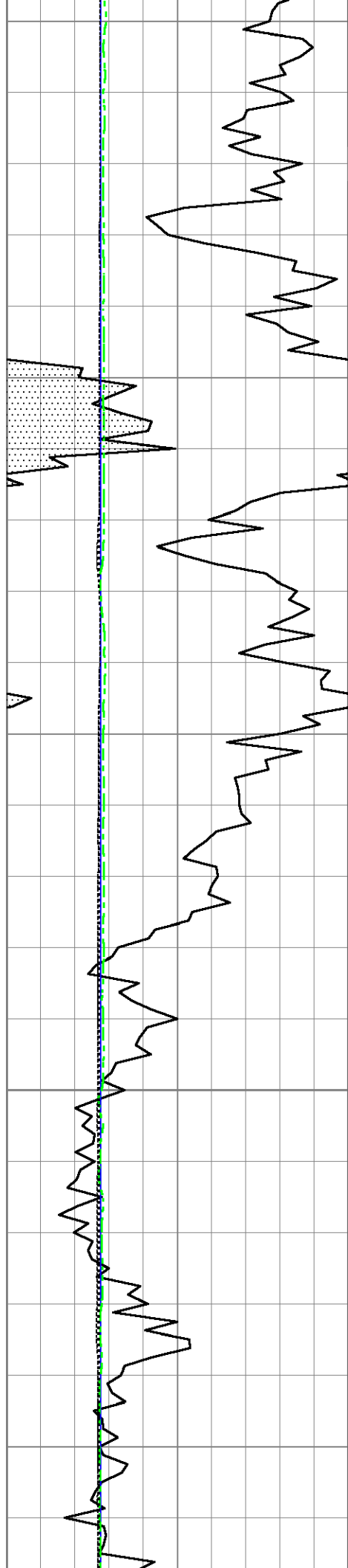
1180

1190

1200

1210





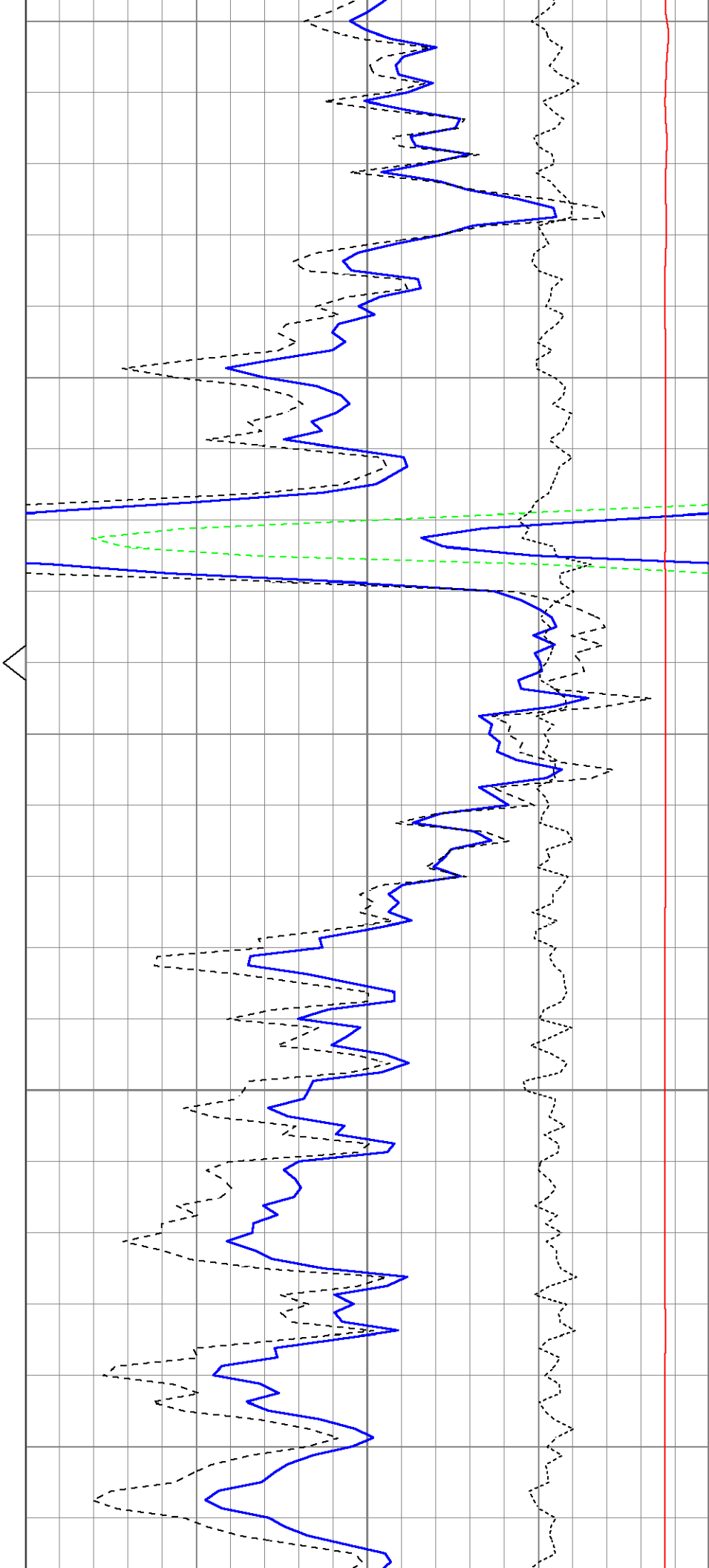
1220

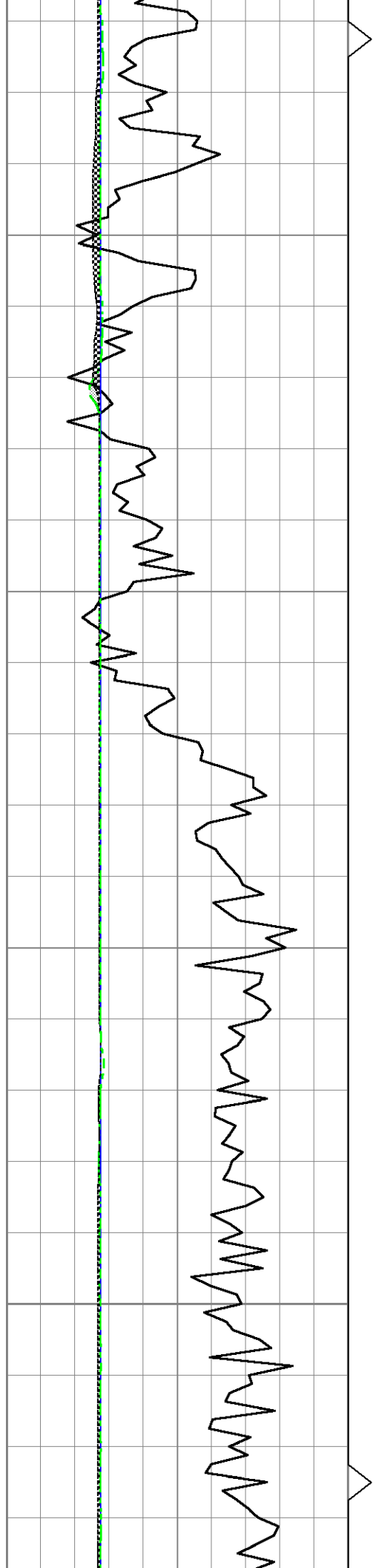
1230

1240

1250

1260



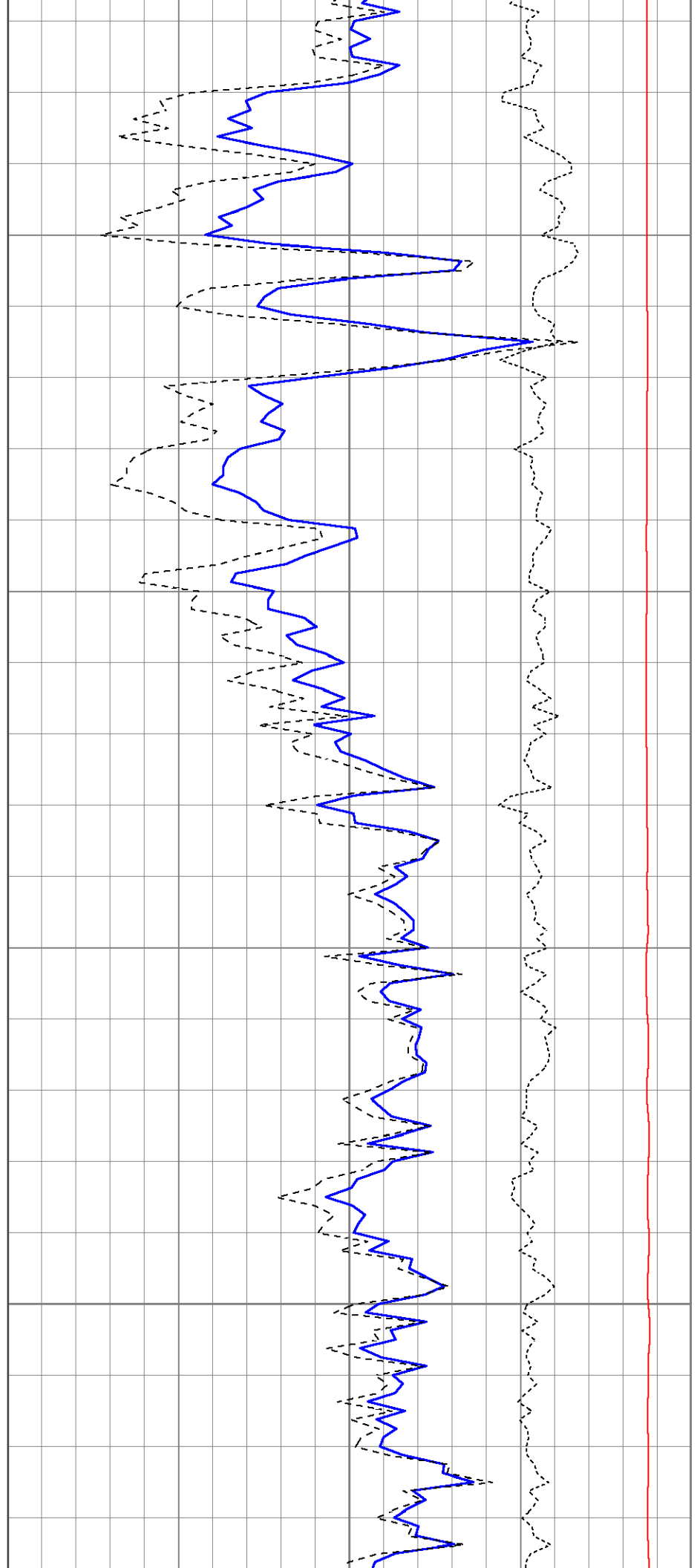


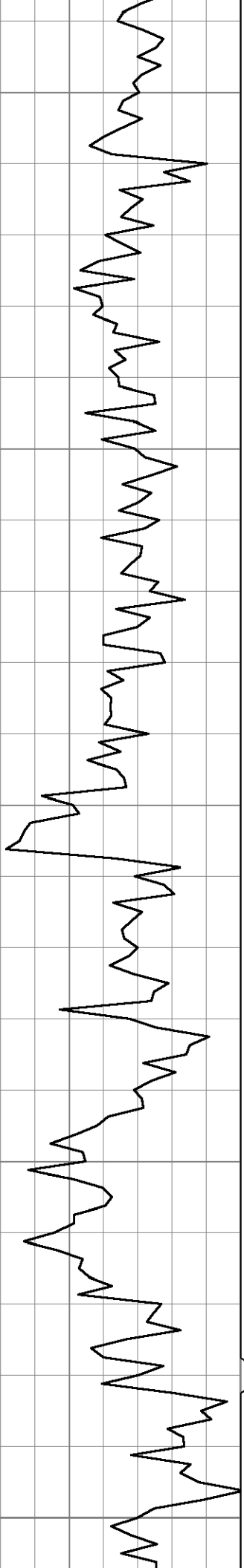
1270

1280

1290

1300





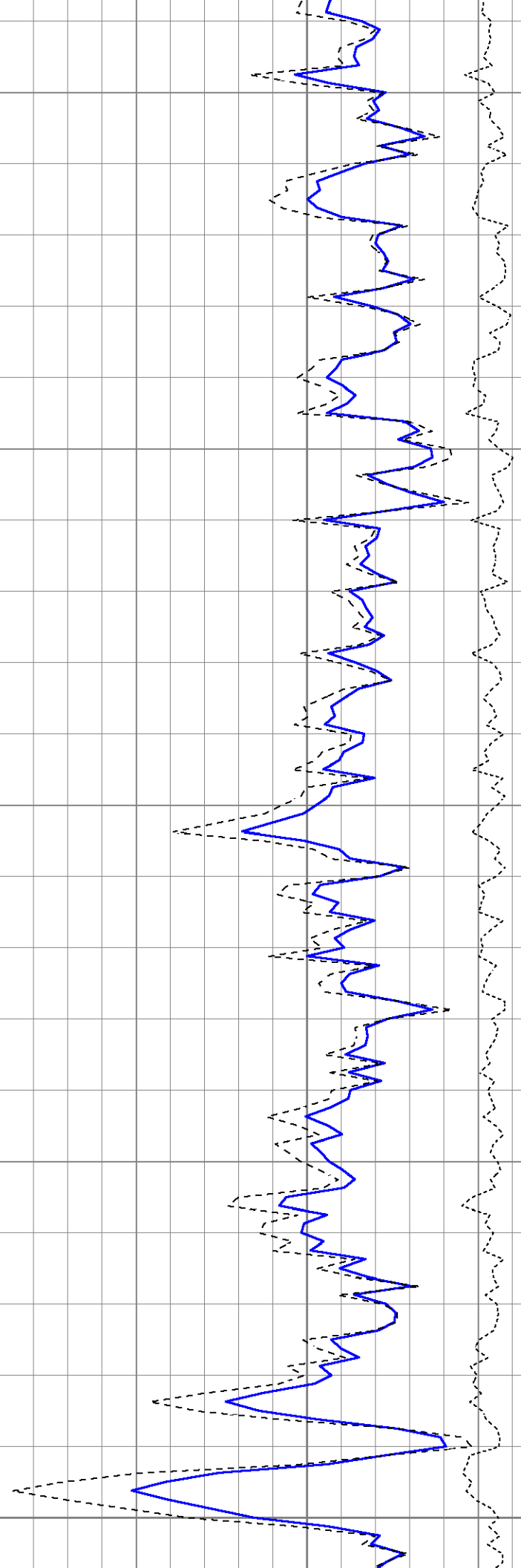
1310

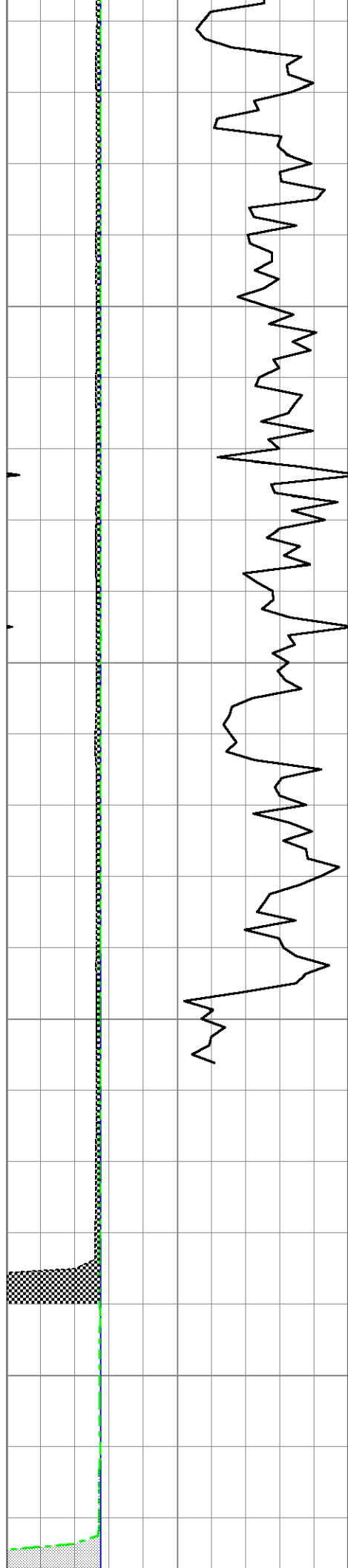
1320

1330

1340

1350



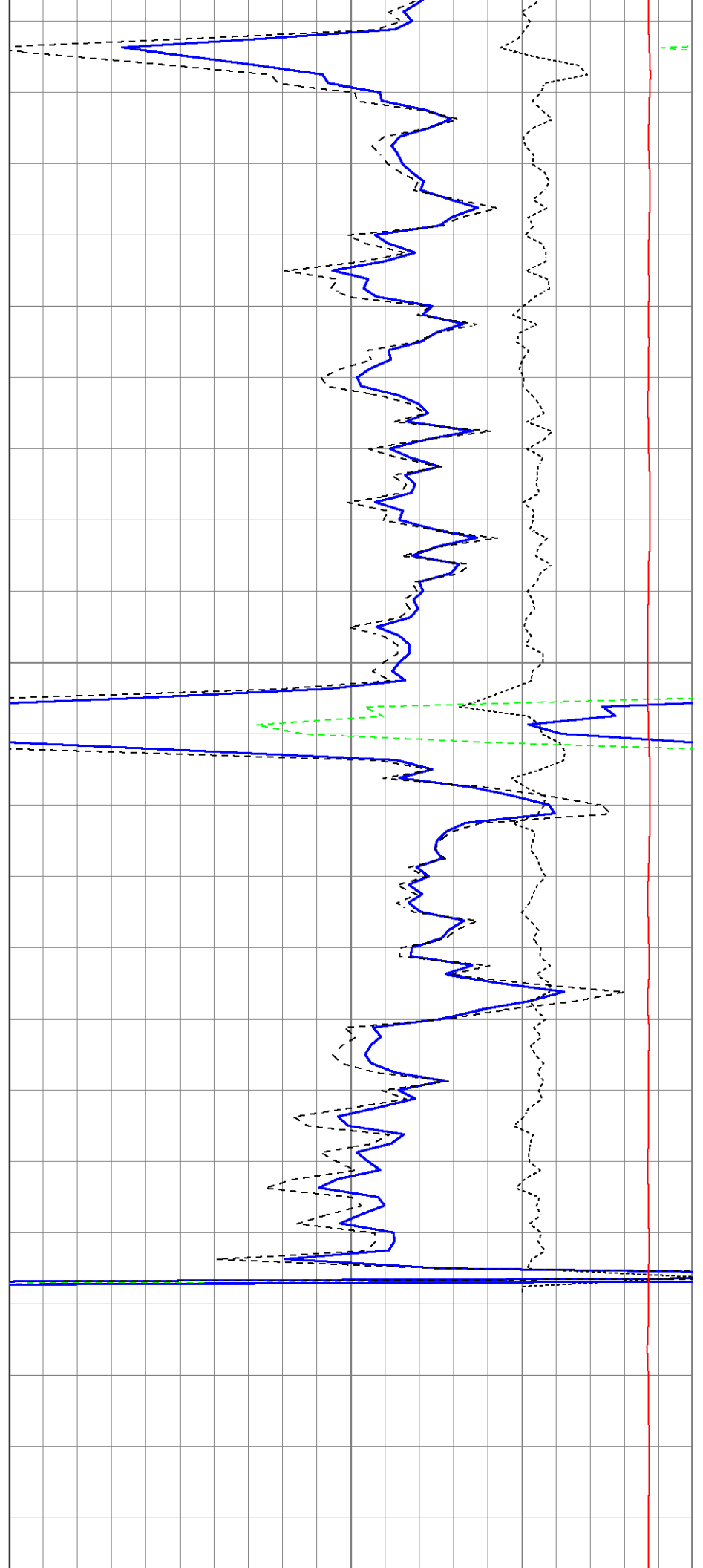


1360

1370

1380

1390



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					

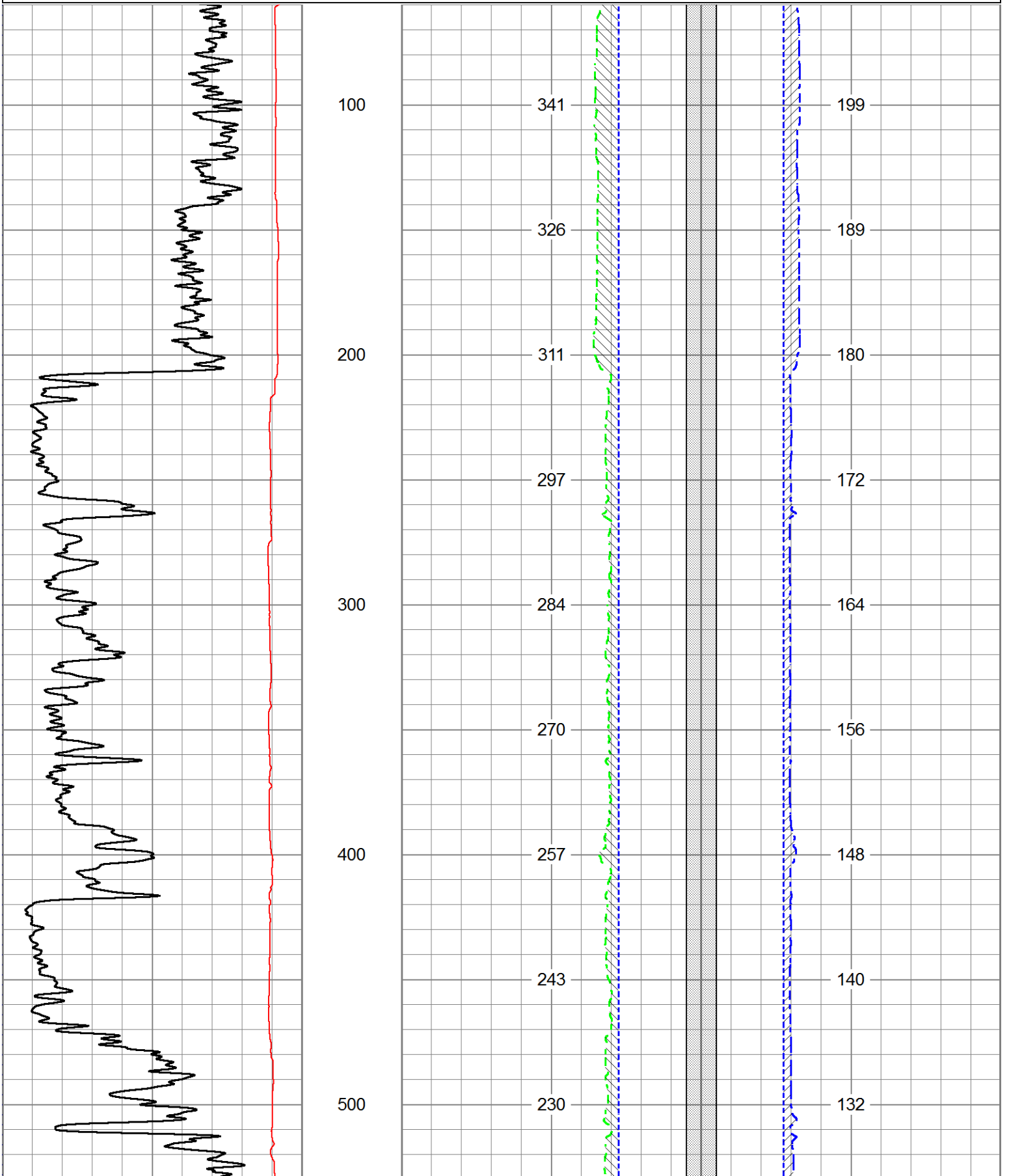
Dataset: ow2-8827 colt energy.db: field/well/CDL/pass1
 Total length: 18.15 ft
 Total weight: 495.00 lb
 O.D.: 4.00 in

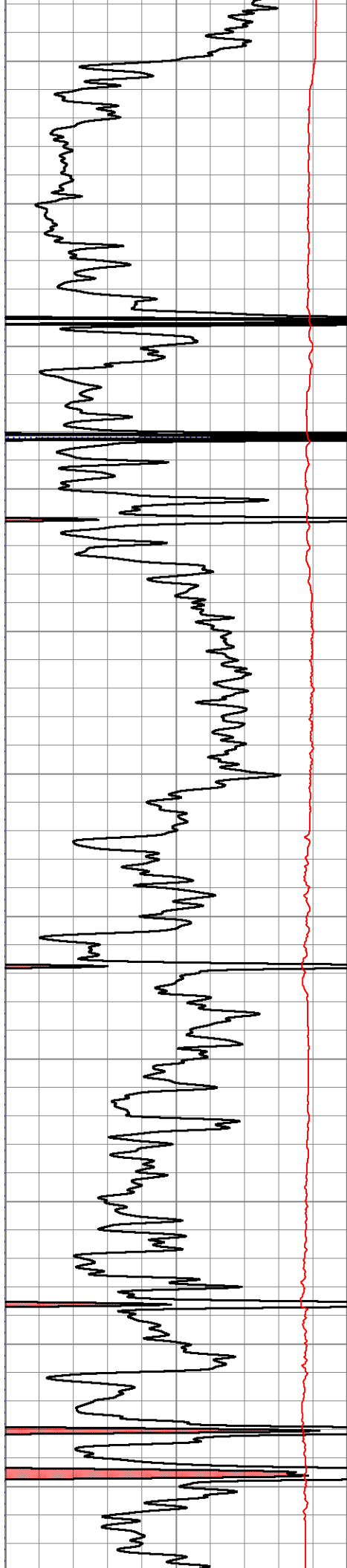


2" BOREHOLE VOLUME

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

14	Neutron Caliper (in)	4	4	Litho Density Caliper (in)	14
14	Bit Size (in)	4	4	Bit Size (in)	14
14	CASEOD (in)	4	4	CASEOD (in)	14
TBHV (ft3)			ABHV (ft3)		





600

700

800

900

1000

216

203

189

176

163

150

135

122

110

97

85

123

116

108

100

93

85

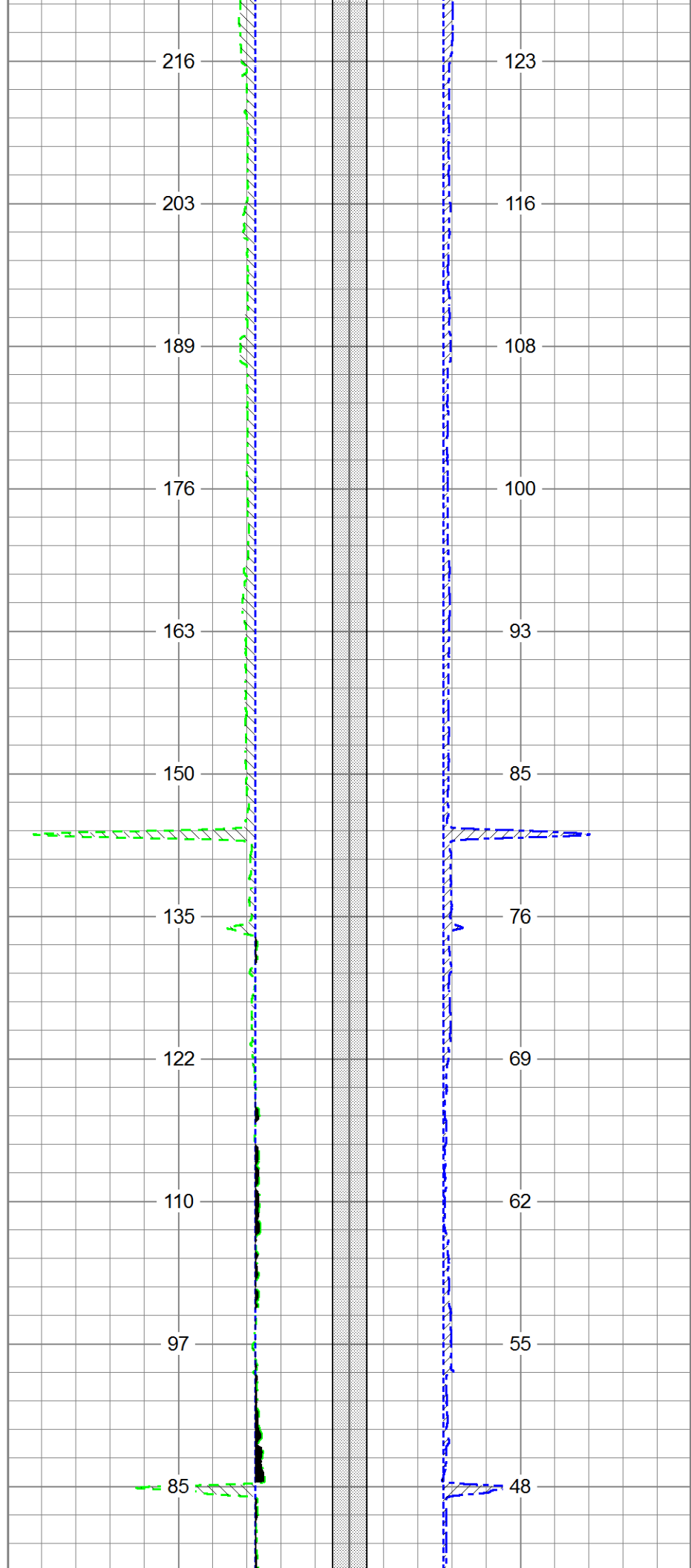
76

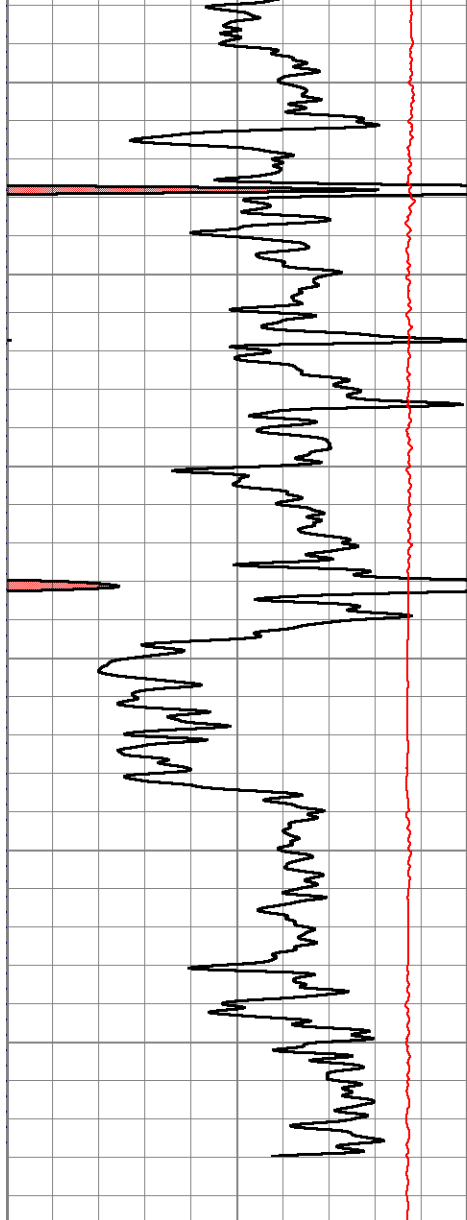
69

62

55

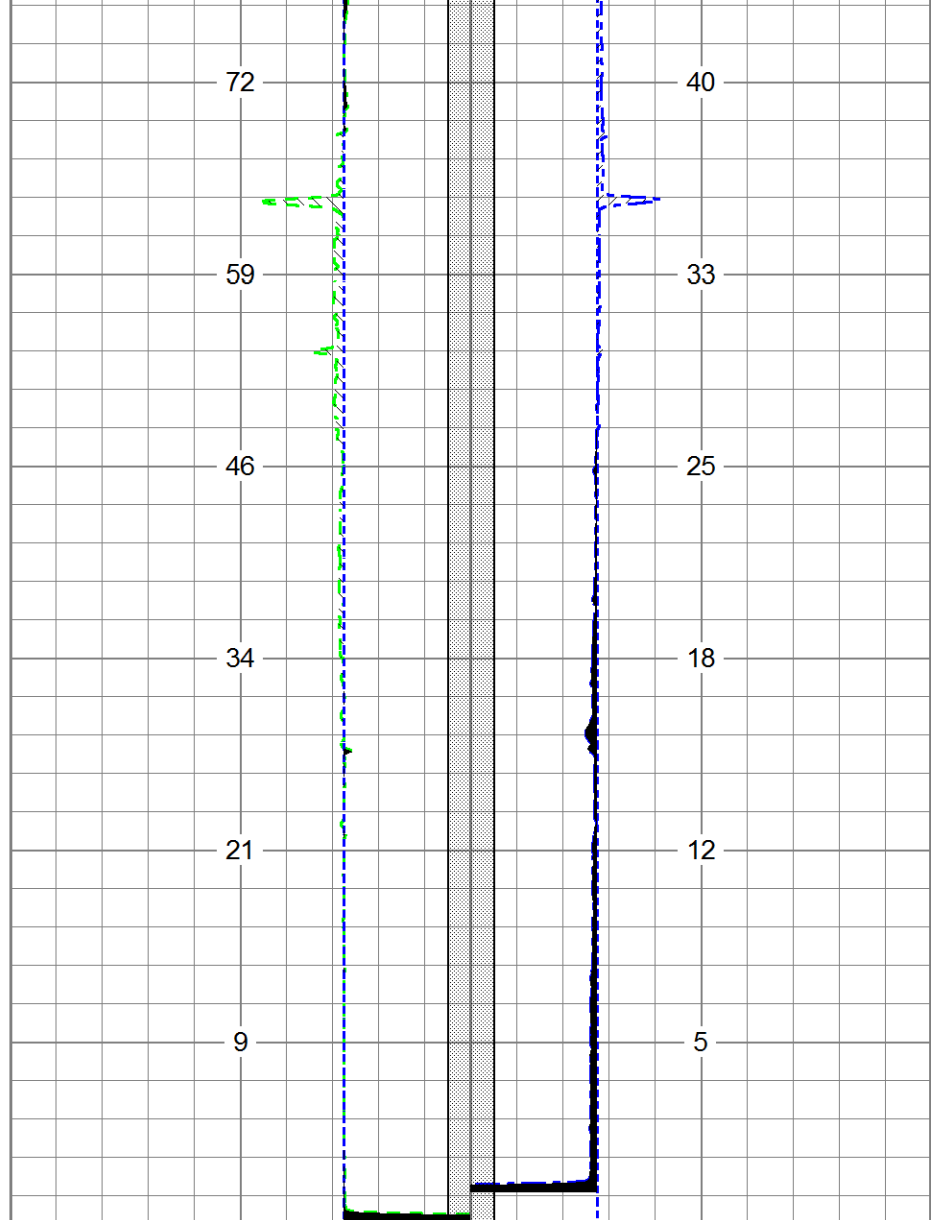
48





1100
1200
1300

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



72
59
46
34
21
9
40
33
25
18
12
5

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

TBHV (ft3)

ABHV (ft3)