



**COMPENSATED DENSITY  
SIDEWALL NEUTRON LOG**

Company **COLT ENERGY, INC.**  
 Well **CLINE # GH-3**  
 Field **IOLA**  
 County **ALLEN** State **KANSAS**

**Location:** API #: 15-001-30848-0000  
 NE NW SE NE  
 1300' FNL & 950' FEL  
 SEC 16 TWP 24S RGE 18E  
 Permanent Datum **GL** Elevation **951' est**  
 Log Measured From **GL**  
 Drilling Measured From **GL**  
 Other Services **DIL**  
 Elevation **K.B. ---  
D.F. ---  
G.L. 951' est**

Date	5-29-2014
Run Number	ONE
Depth Driller	1000'
Depth Logger	989'
Bottom Logged Interval	987'
Top Log Interval	SURFACE
Casing Driller	8 5/8" @ 22'
Casing Logger	8 5/8" @ 22'
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	OW1
Location	HOMINY, OK
Recorded By	LOWERY
Witnessed By	MR. 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**

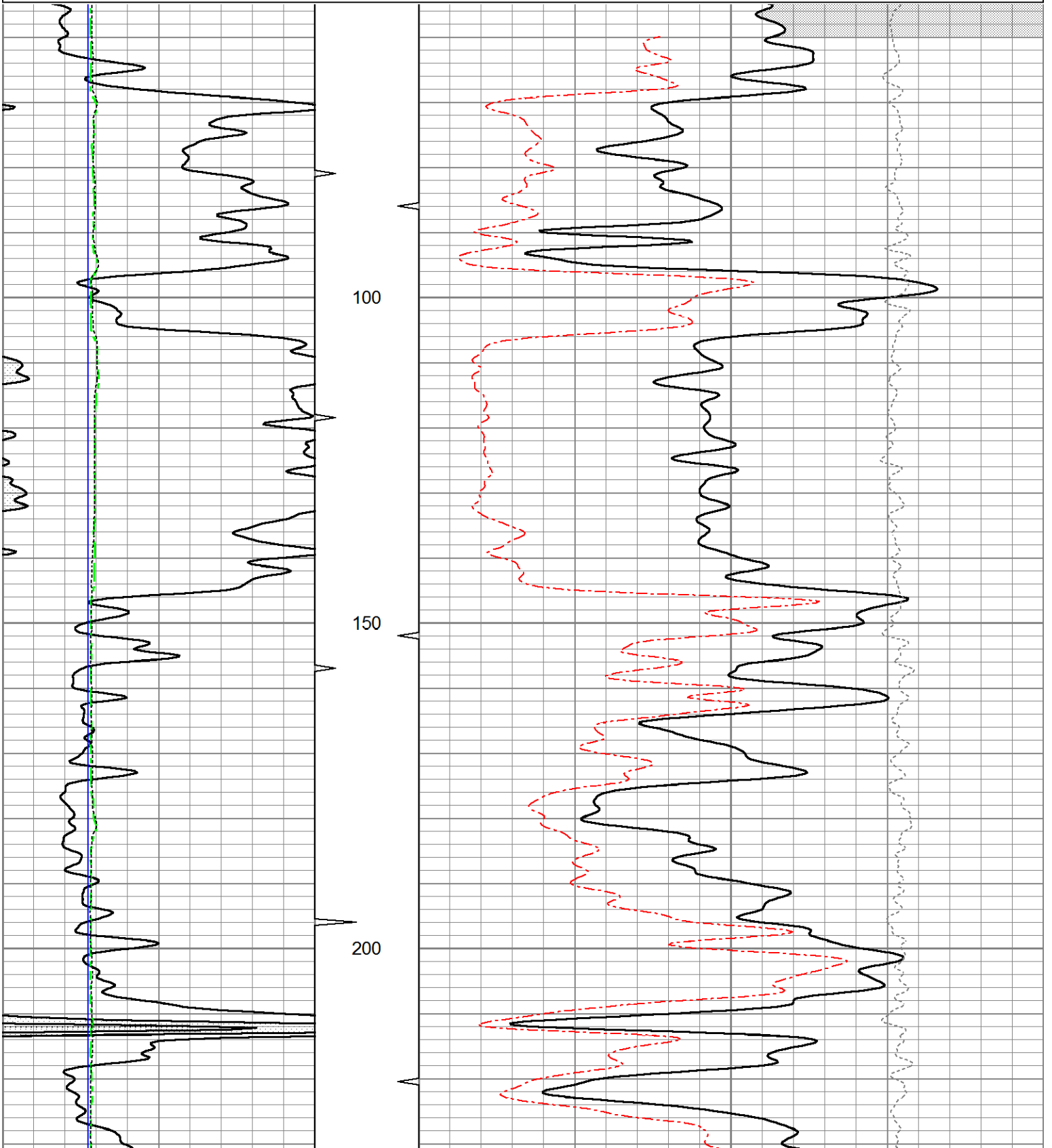
OW1-8653  
 MATRIX LIMESTONE 2.71g/cc  
 ABHV COMPUTED WITH 4 1/2" CASING  
 CREW : SHAMBLES

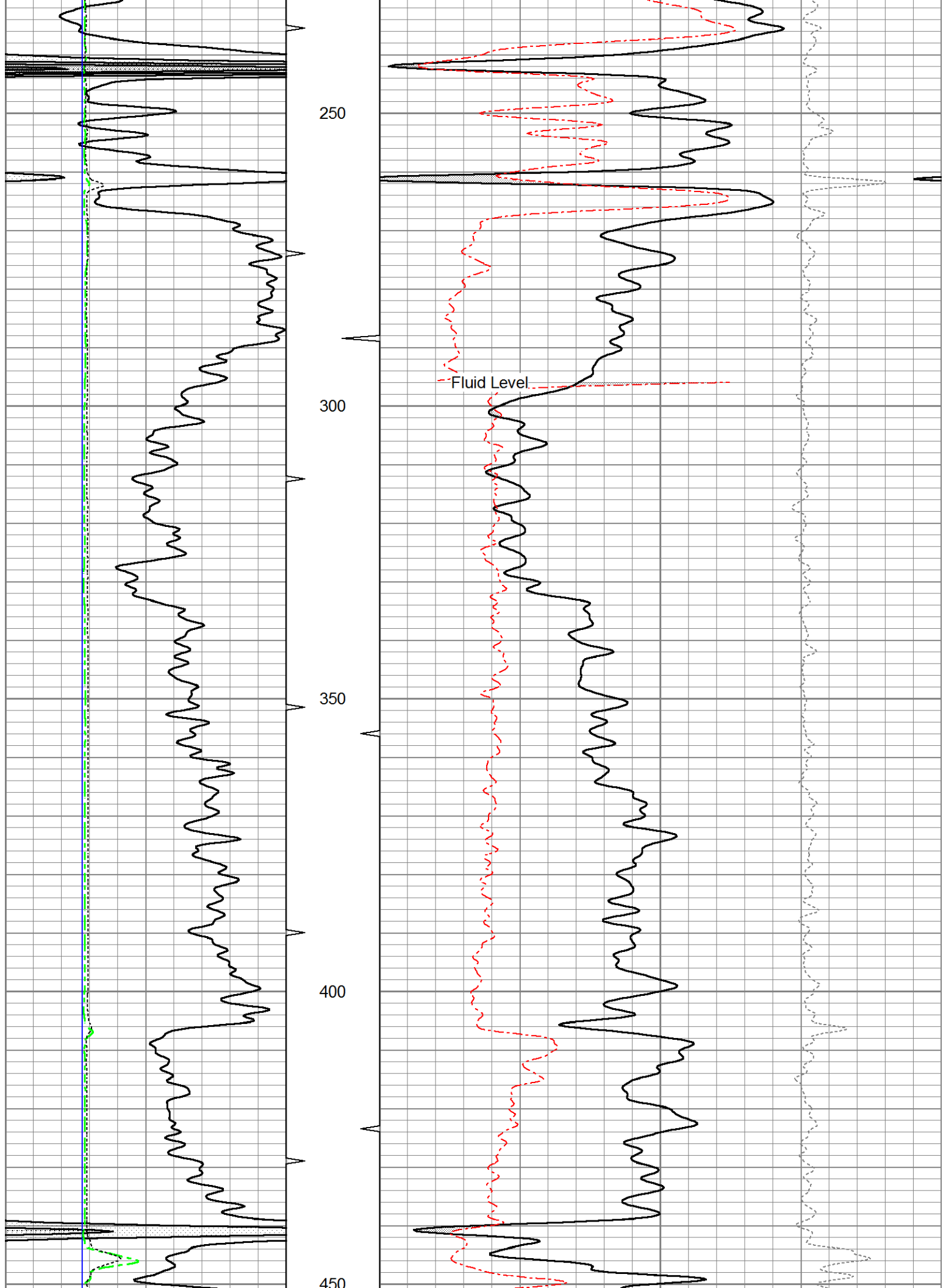


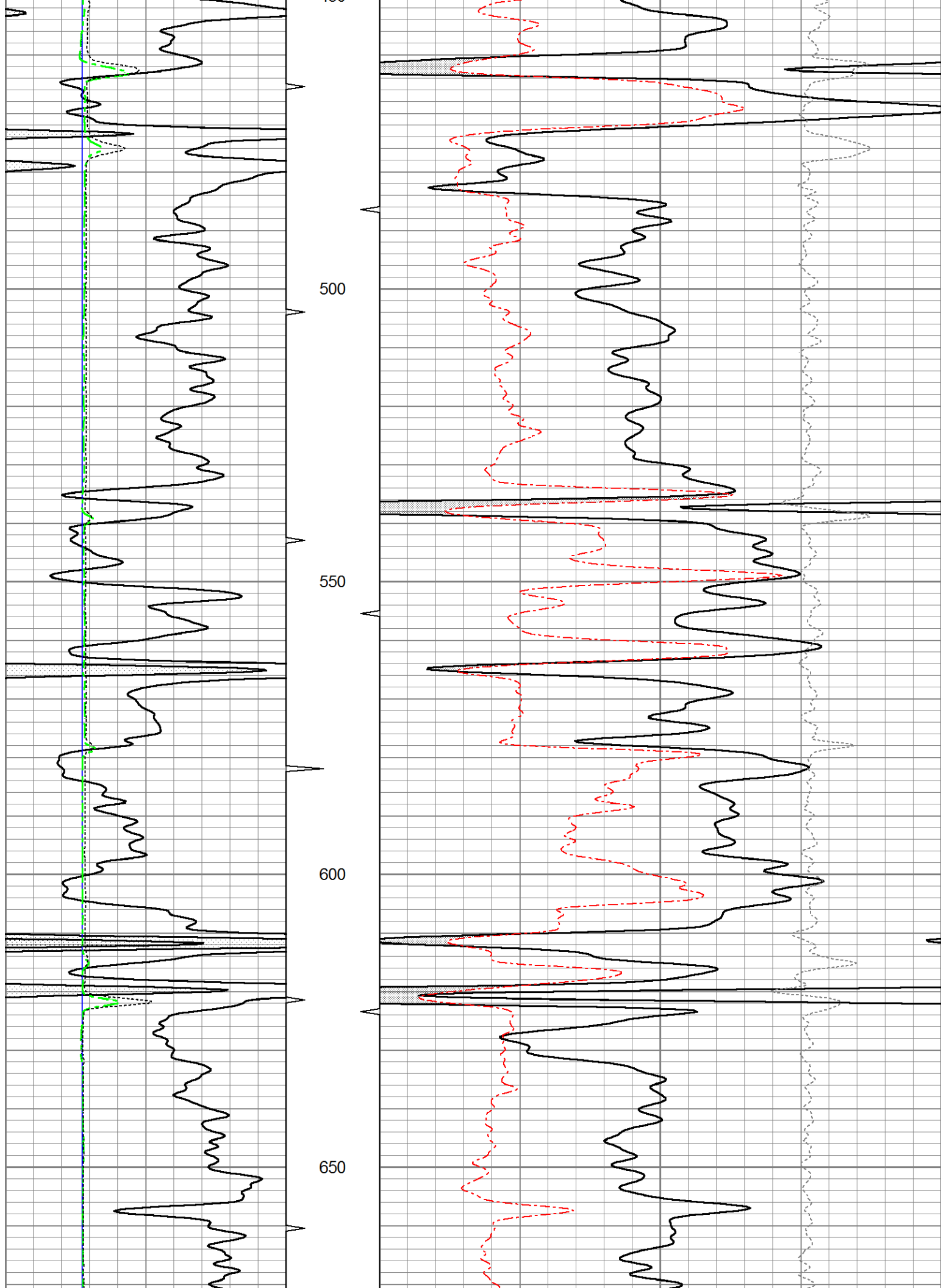
**5" CDL/SWN SECTION**

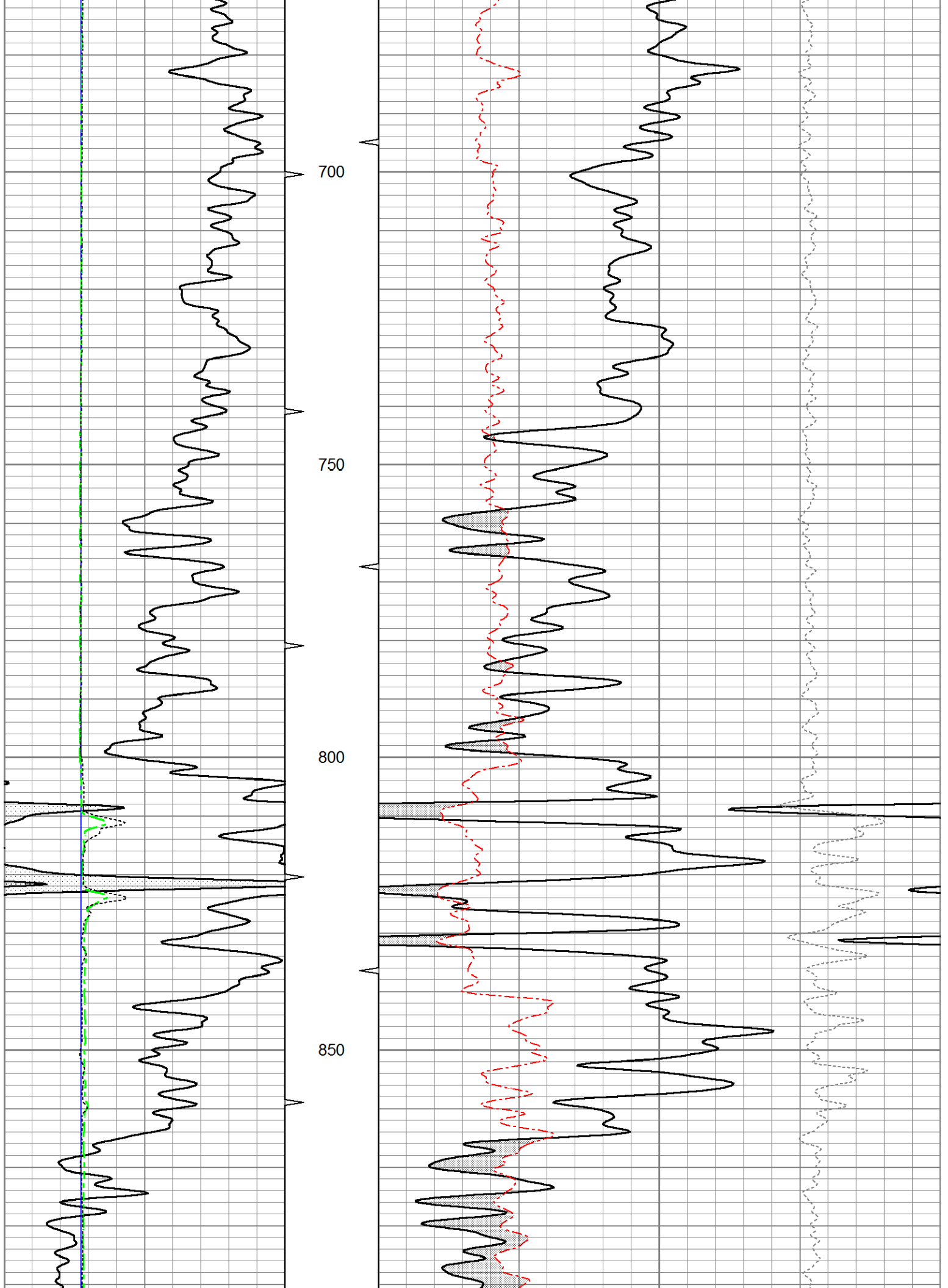
Database File ow1-8653 colt energy.db  
 Dataset Pathname CDL/pass1.3  
 Presentation Format \_neu4  
 Dataset Creation Thu May 29 09:36:40 2014  
 Charted by Depth in Feet scaled 1:240

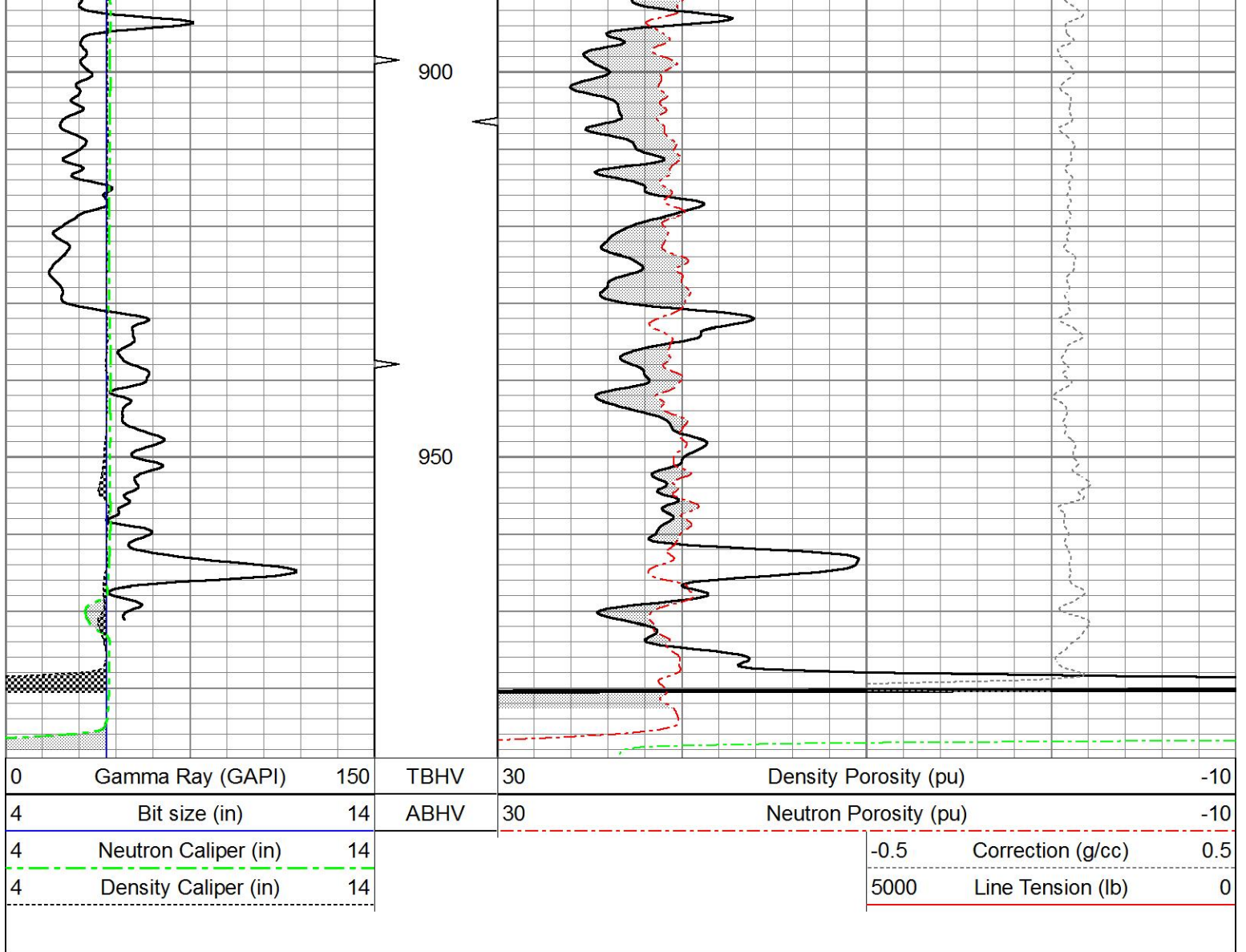
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0







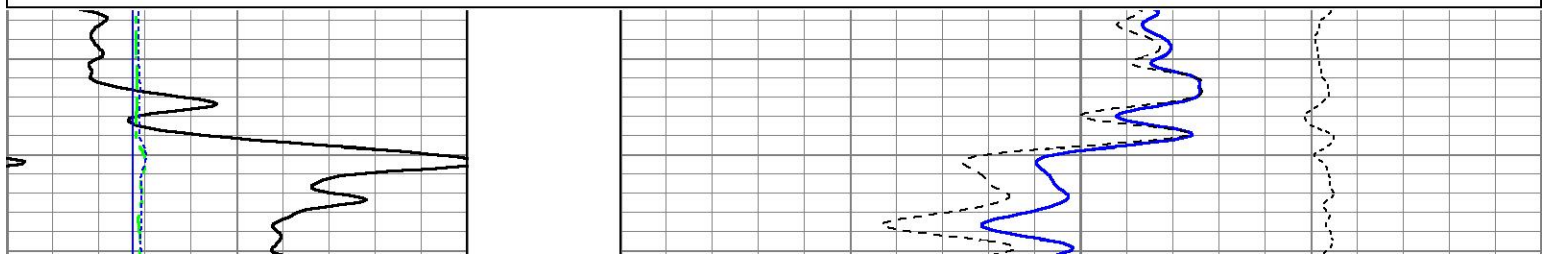


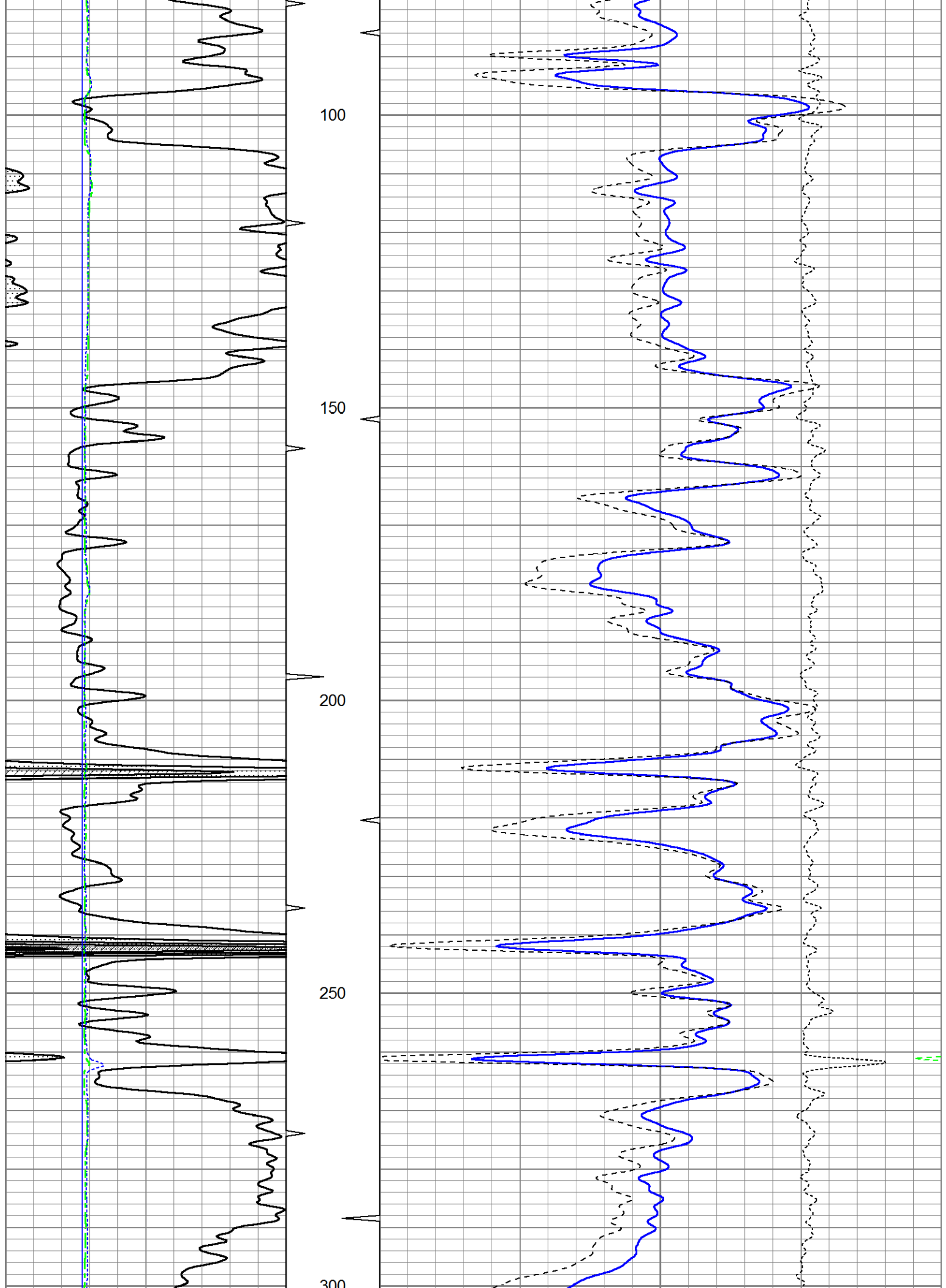


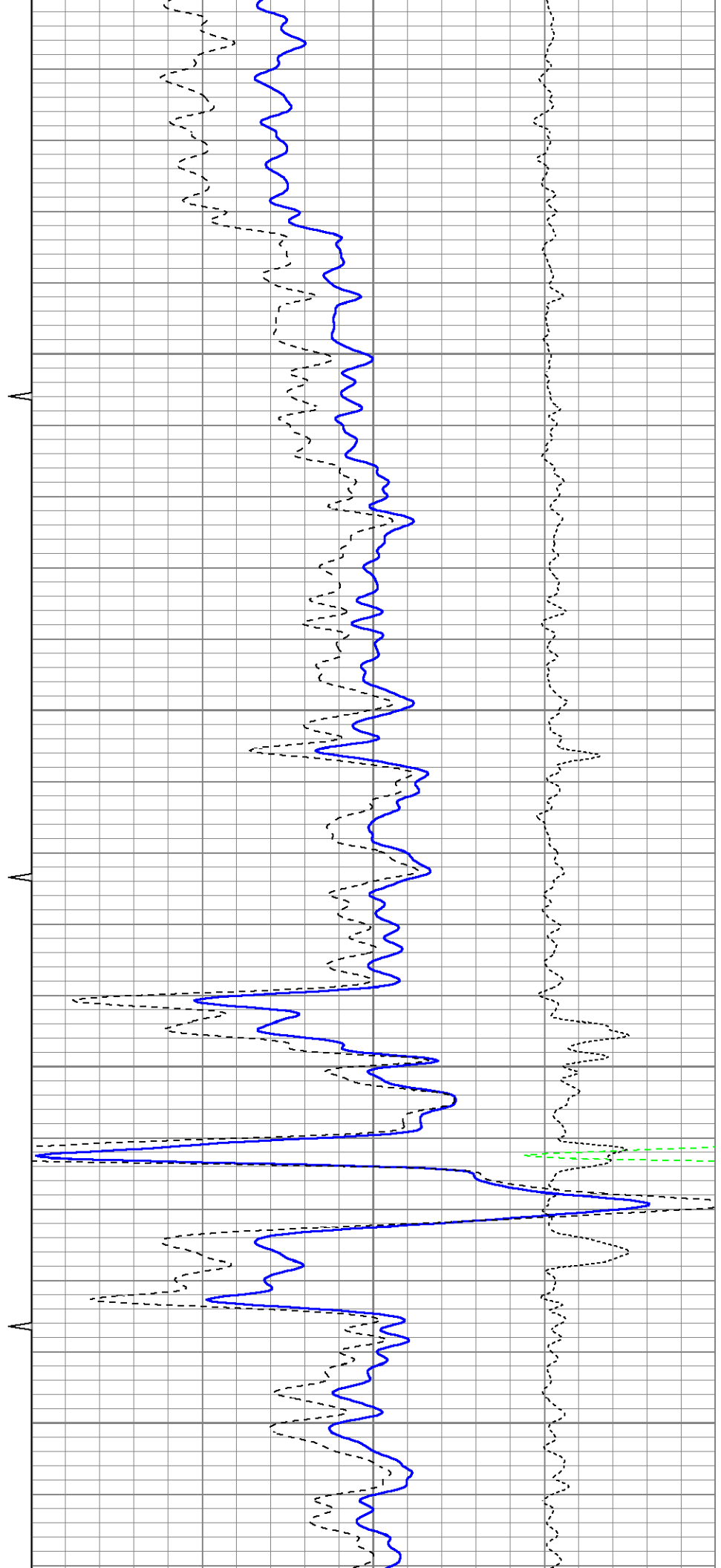
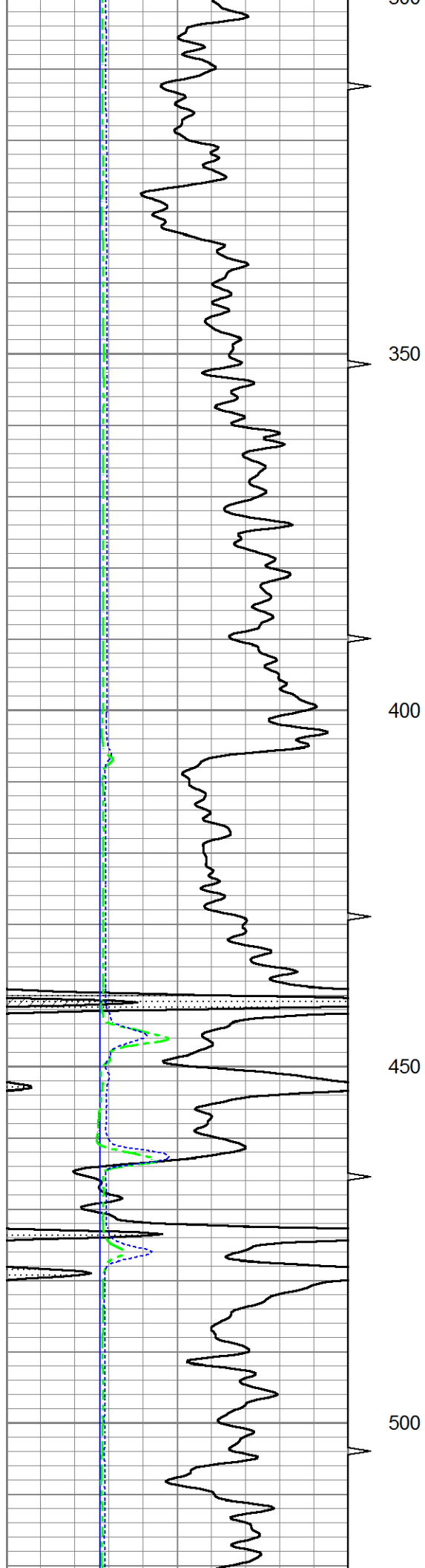
# 5" CDL SECTION

Database File ow1-8653 colt energy.db  
 Dataset Pathname CDL/pass1.2  
 Presentation Format bulk4  
 Dataset Creation Thu May 29 09:36:23 2014  
 Charted by Depth in Feet scaled 1:240

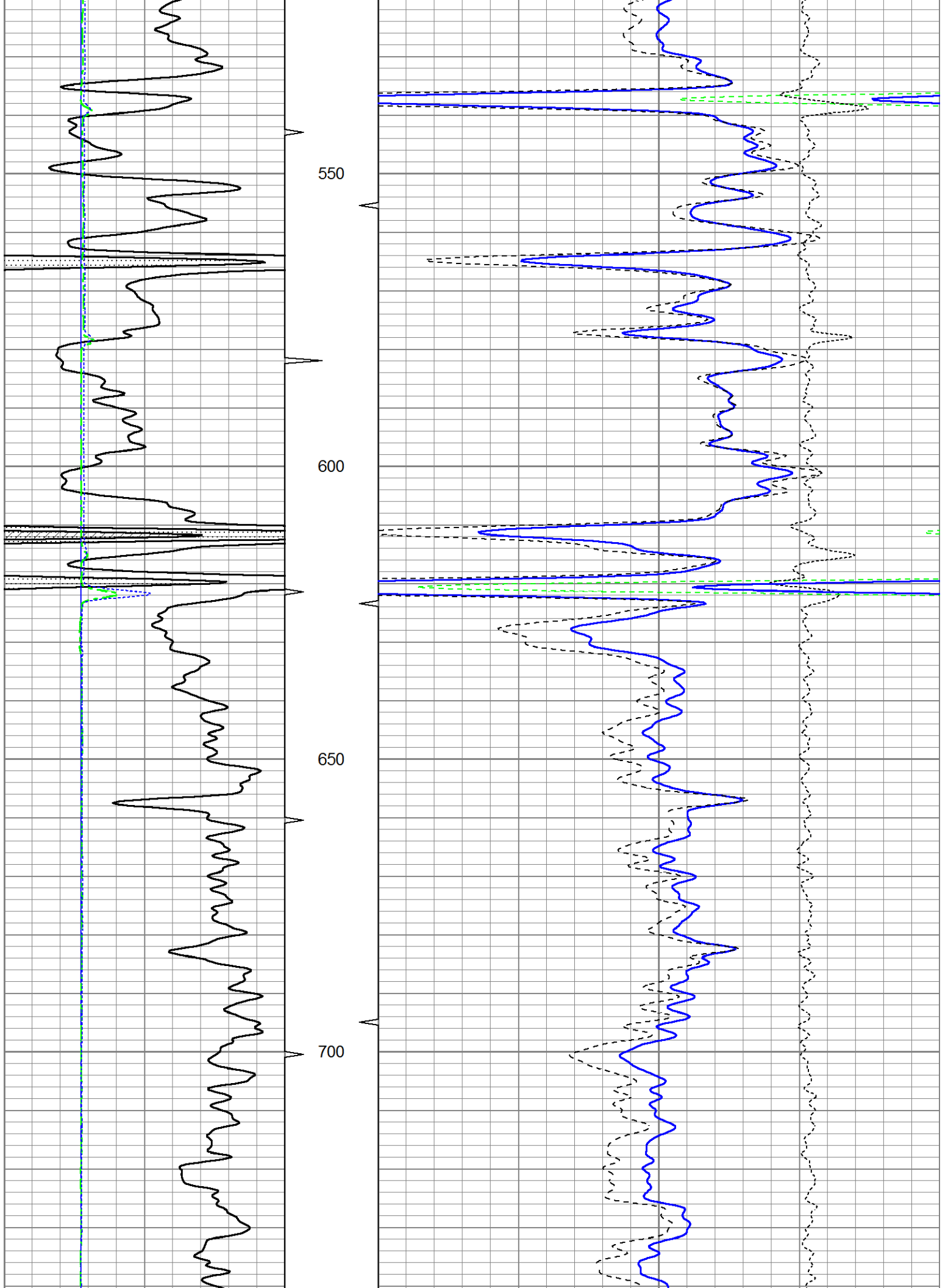
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

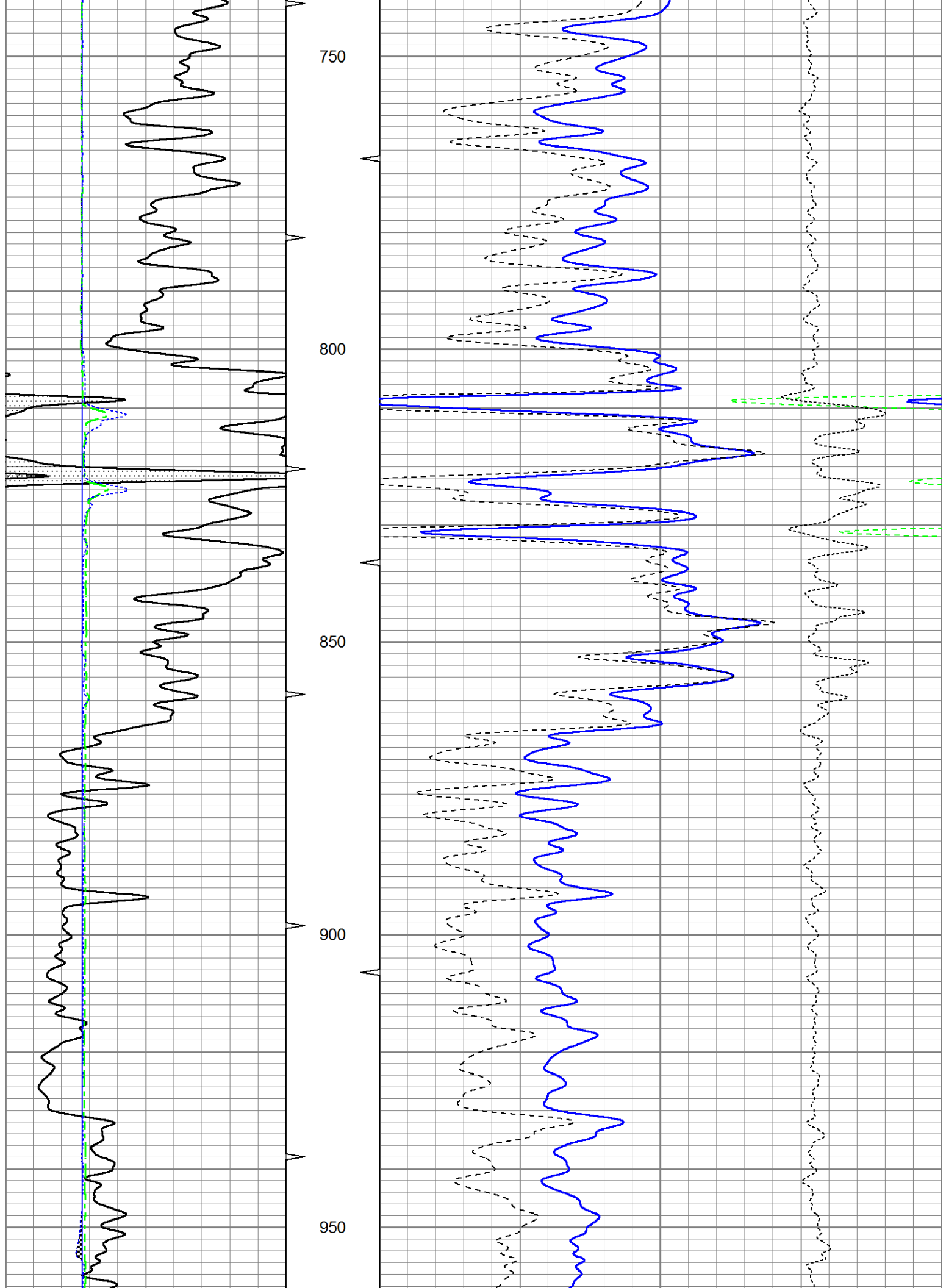














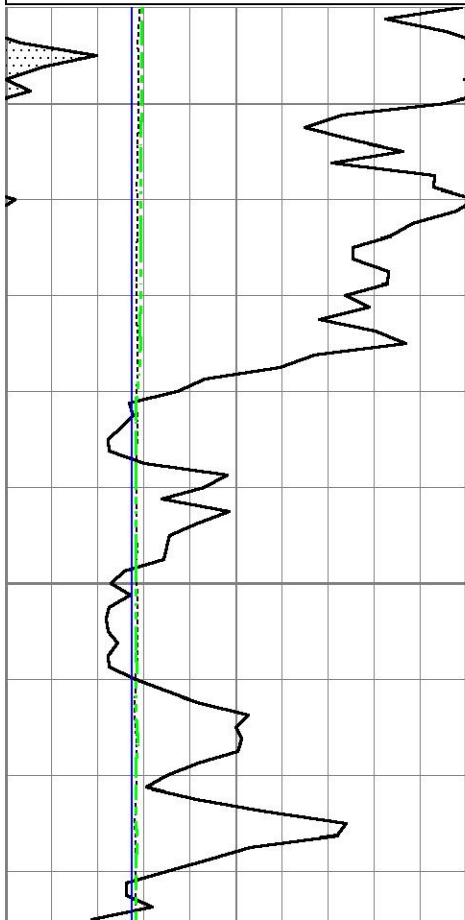
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0



# 25" HR CDL SECTION

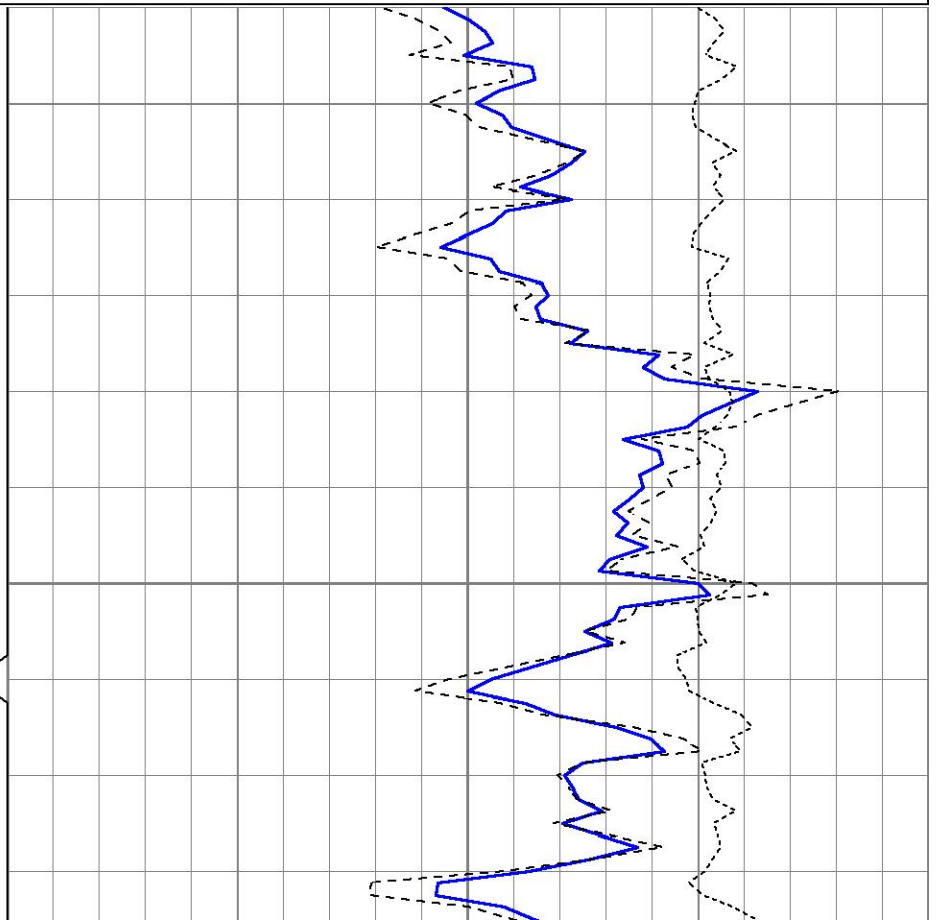
Database File ow1-8653 colt energy.db  
 Dataset Pathname CDL/pass1.4  
 Presentation Format bulk4hr  
 Dataset Creation Thu May 29 09:36:57 2014  
 Charted by Depth in Feet scaled 1:48

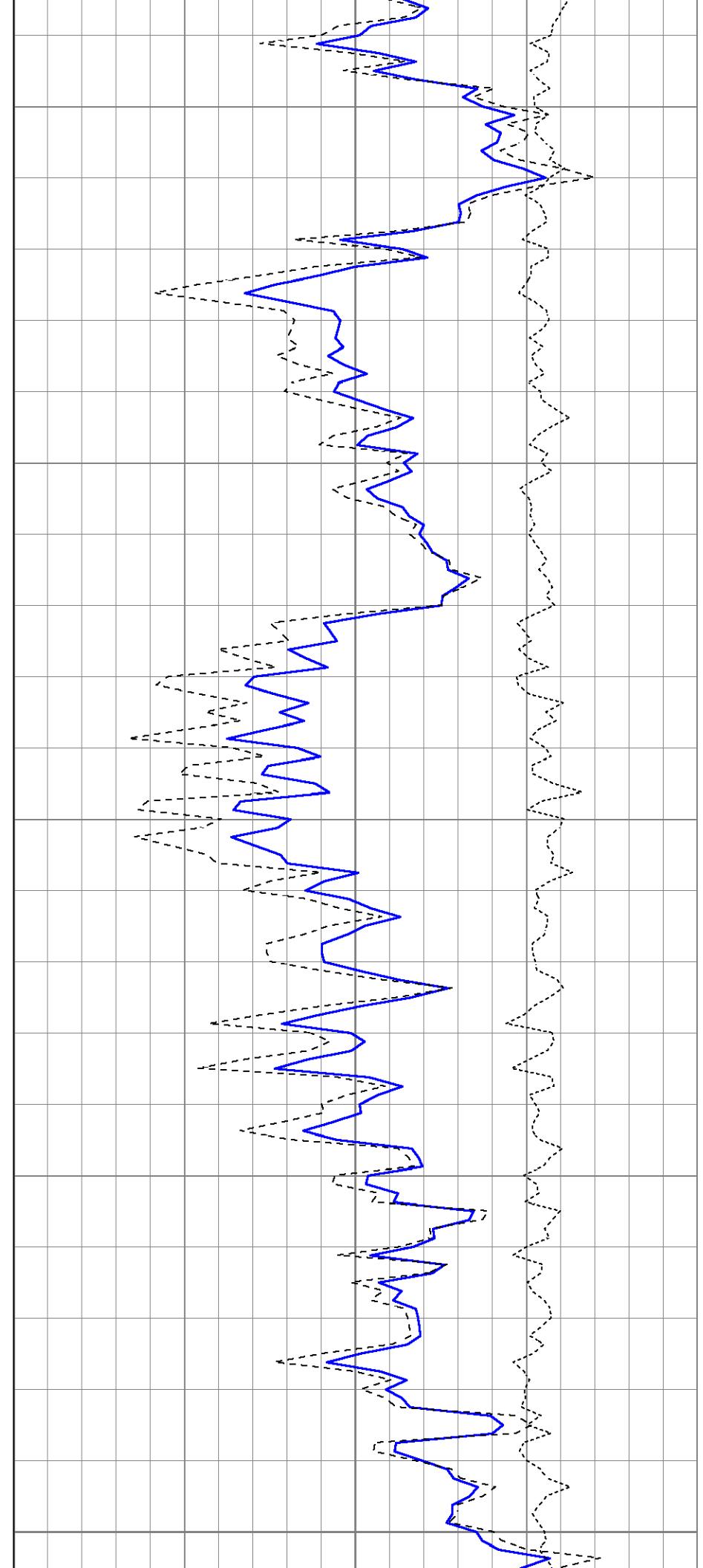
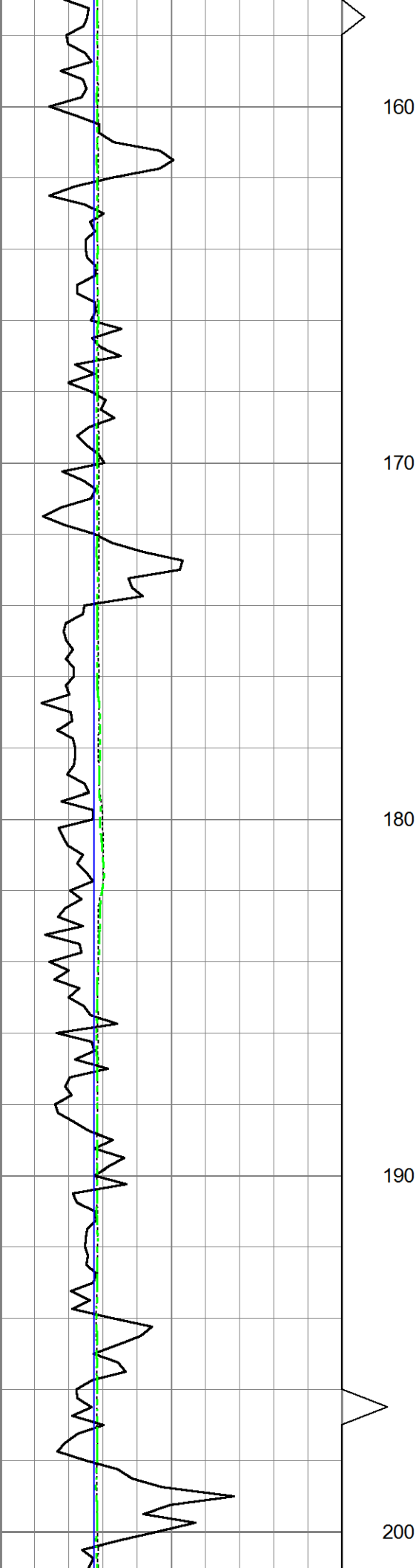
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Neutron Caliper (in)	14			5000	Line Tension (lb) 0

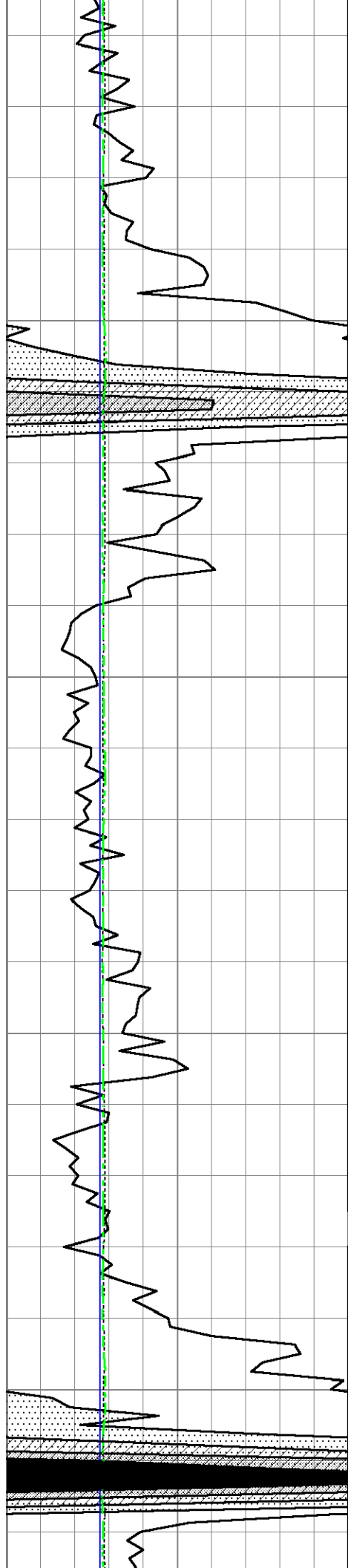


140

150





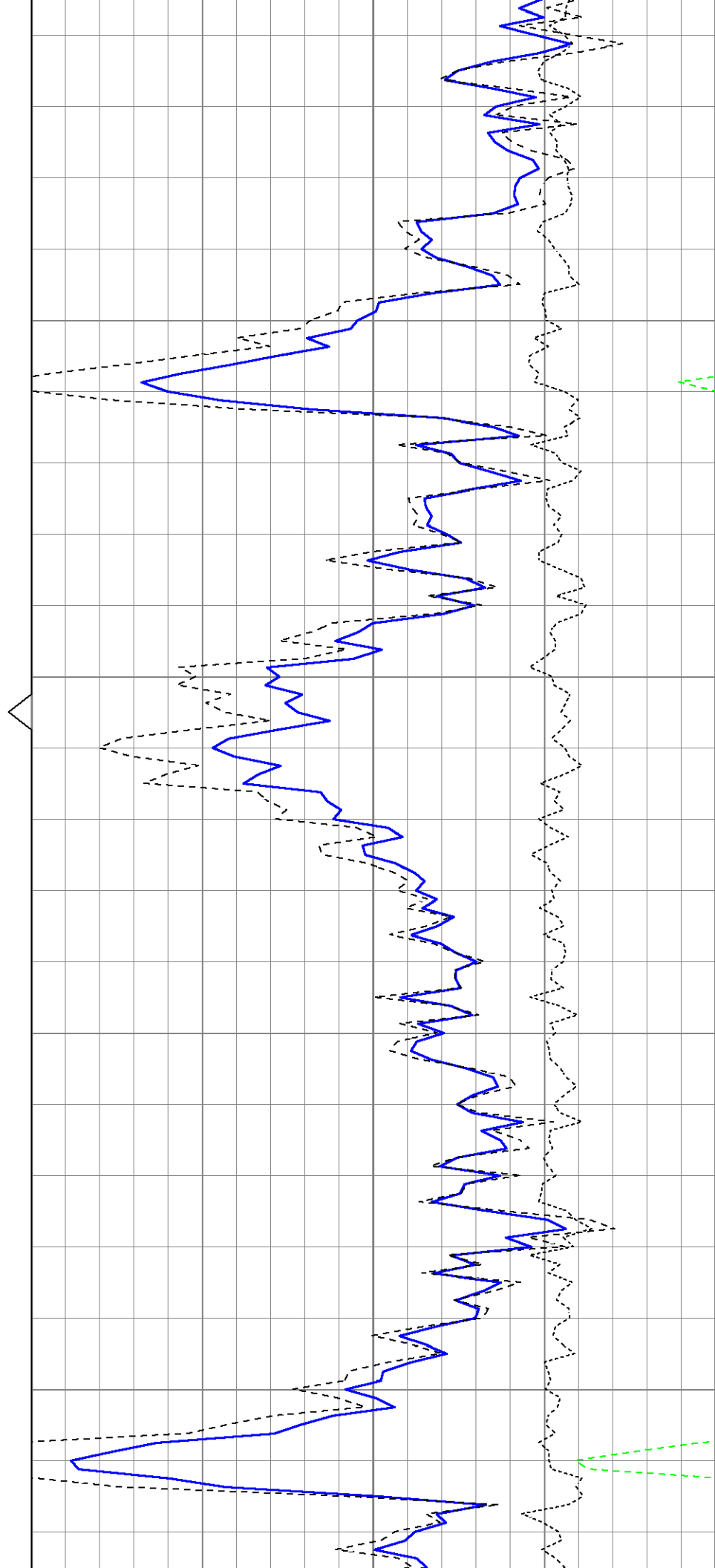


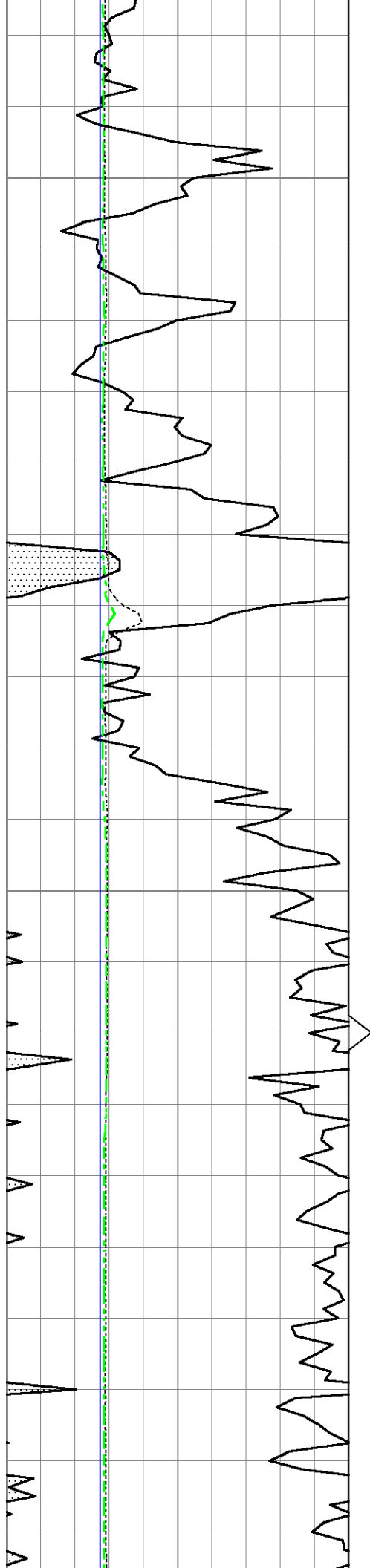
210

220

230

240



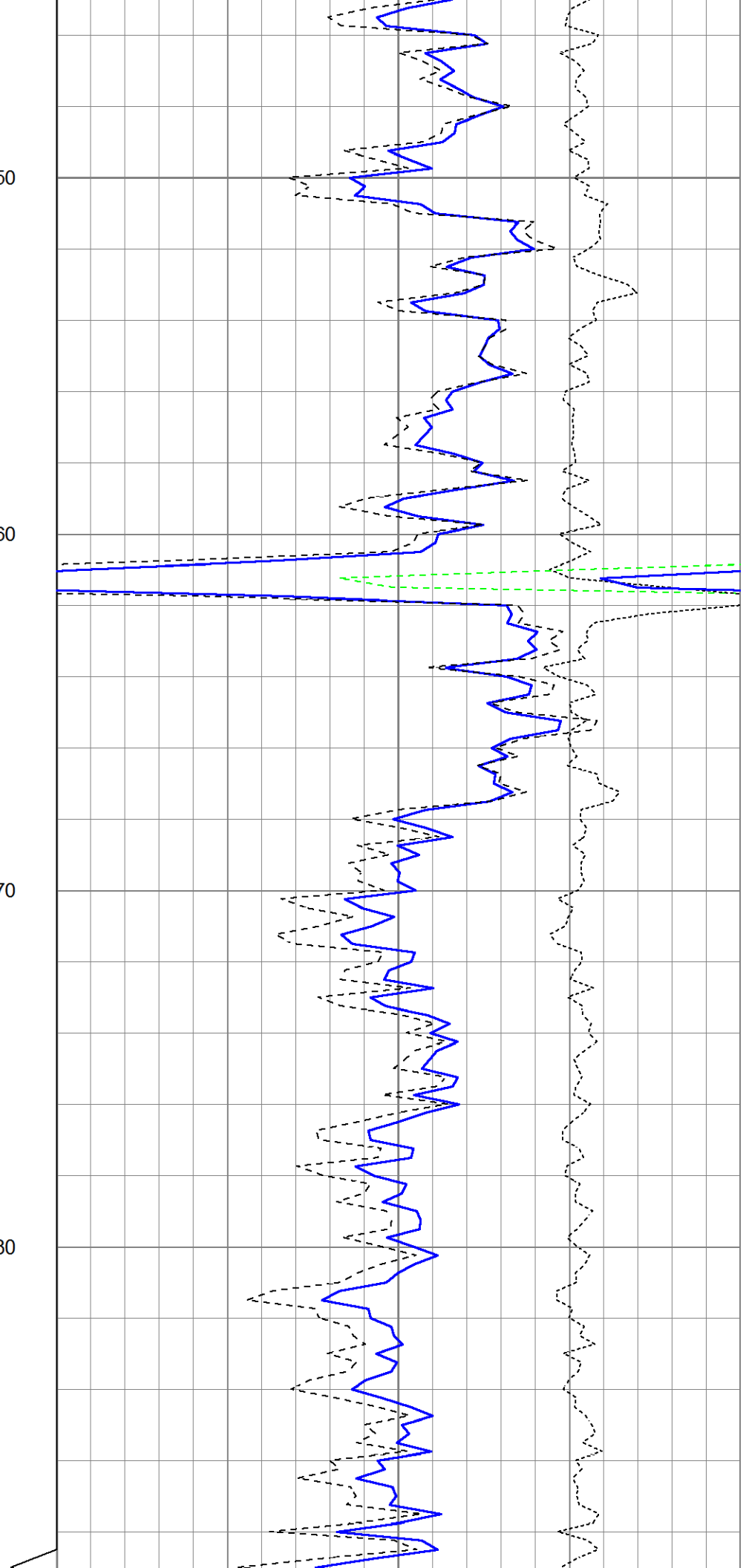


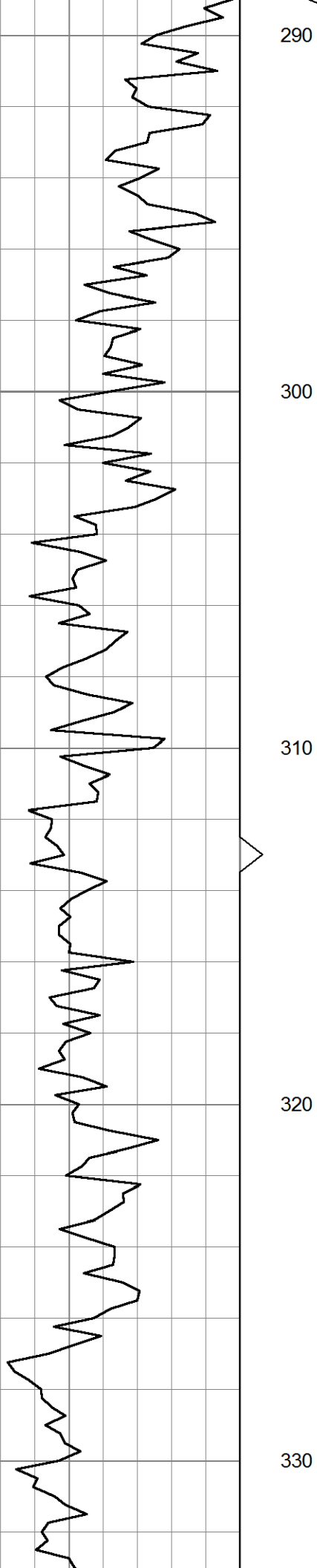
250

260

270

280





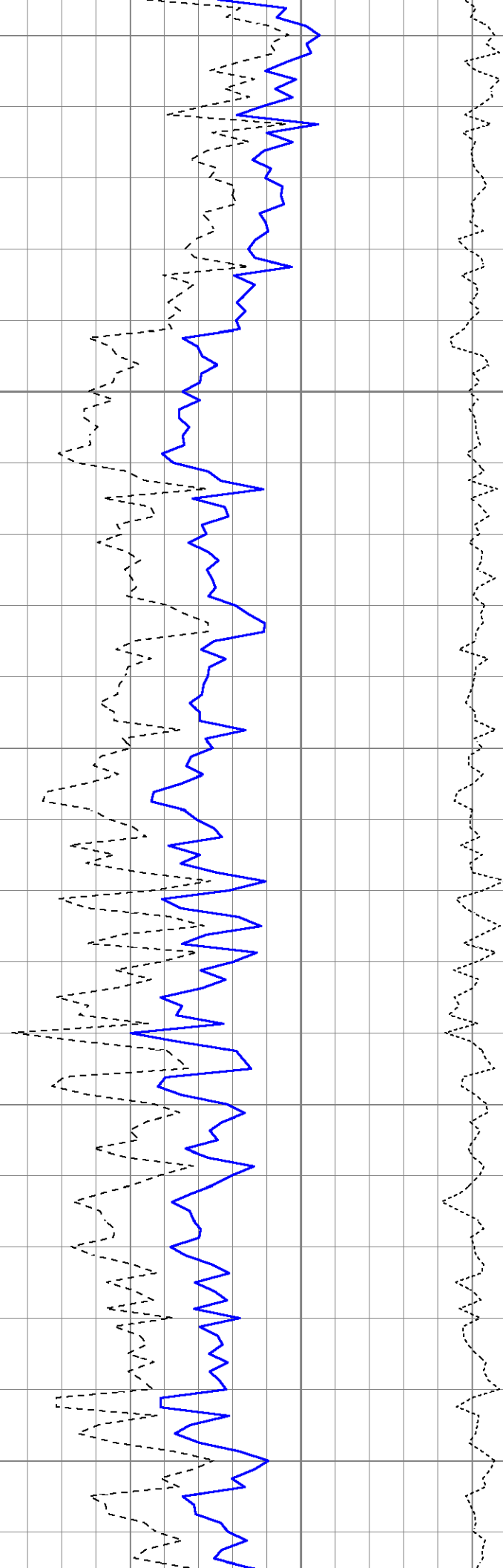
290

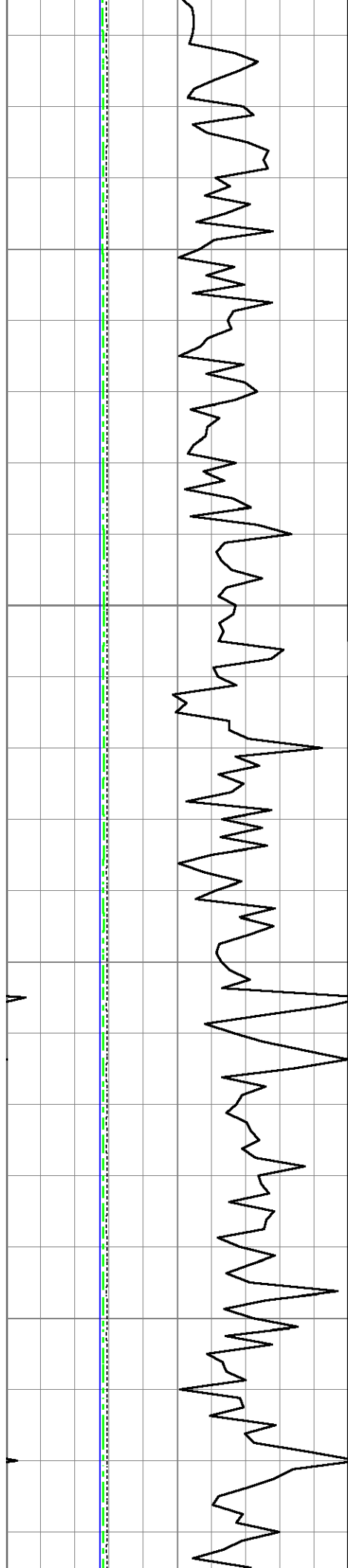
300

310

320

330



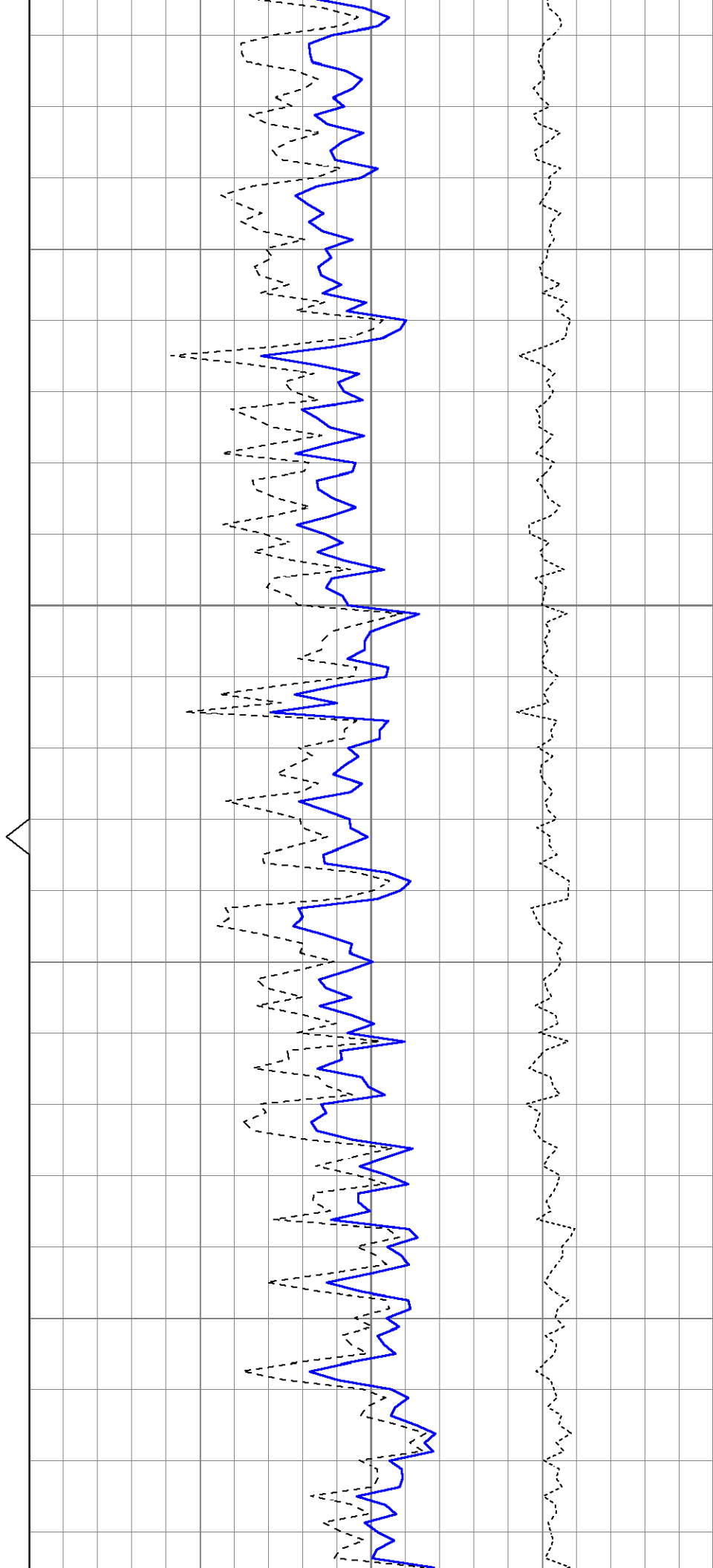


340

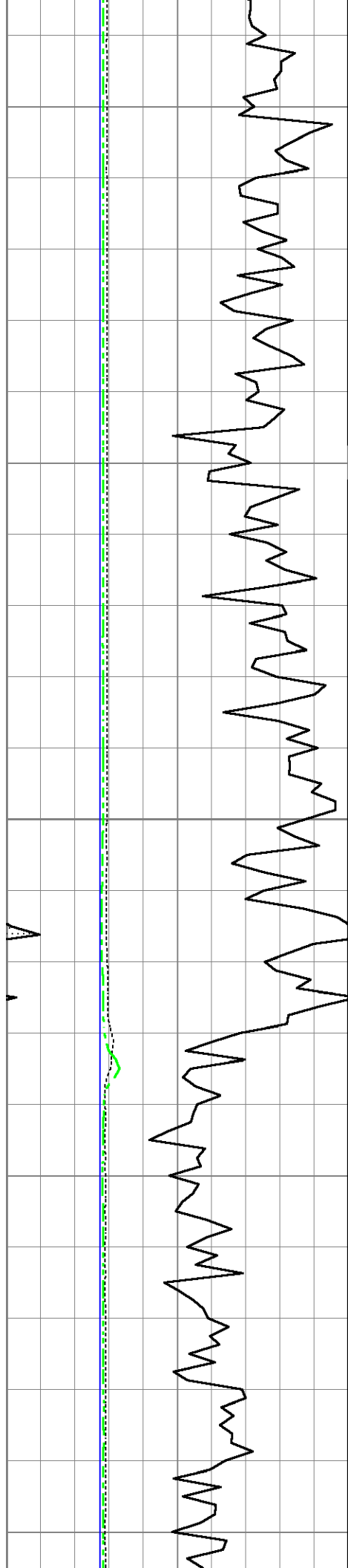
350

360

370







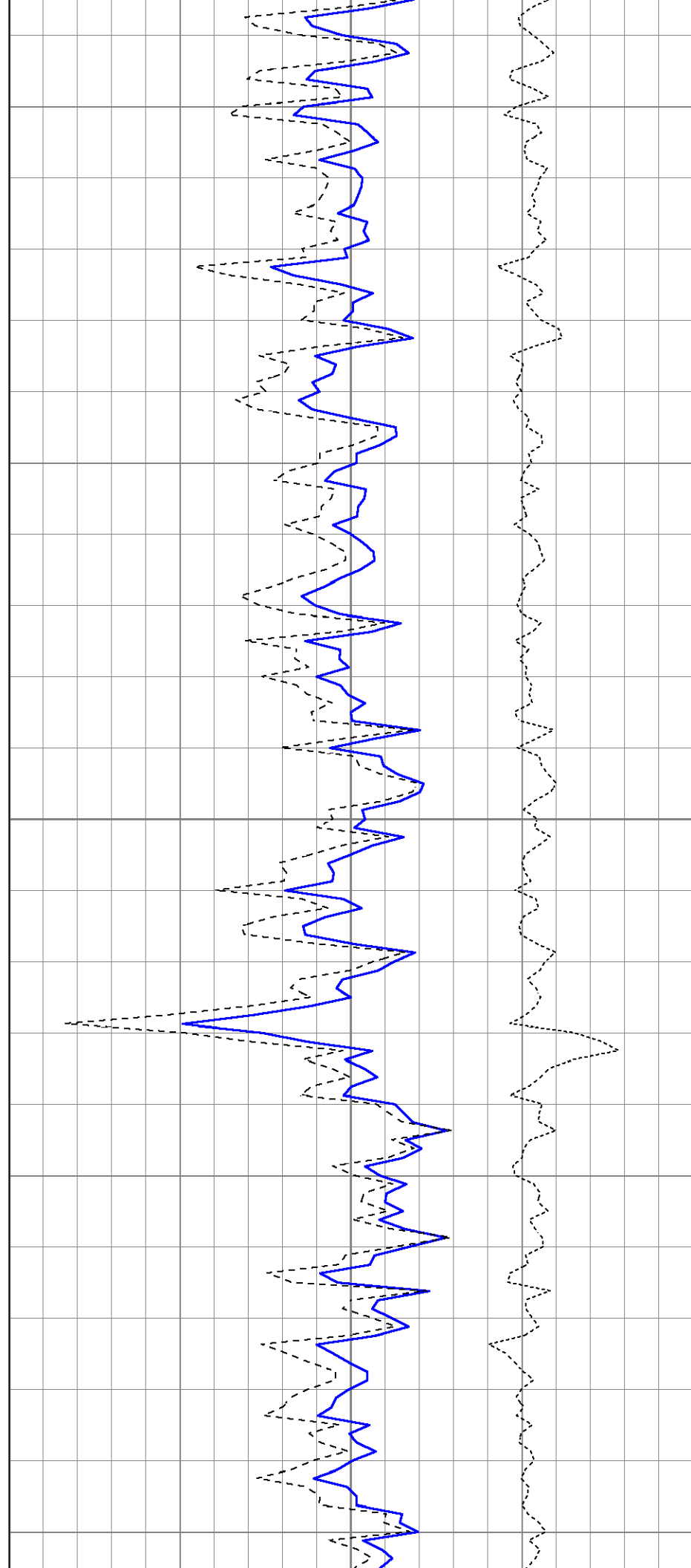
380

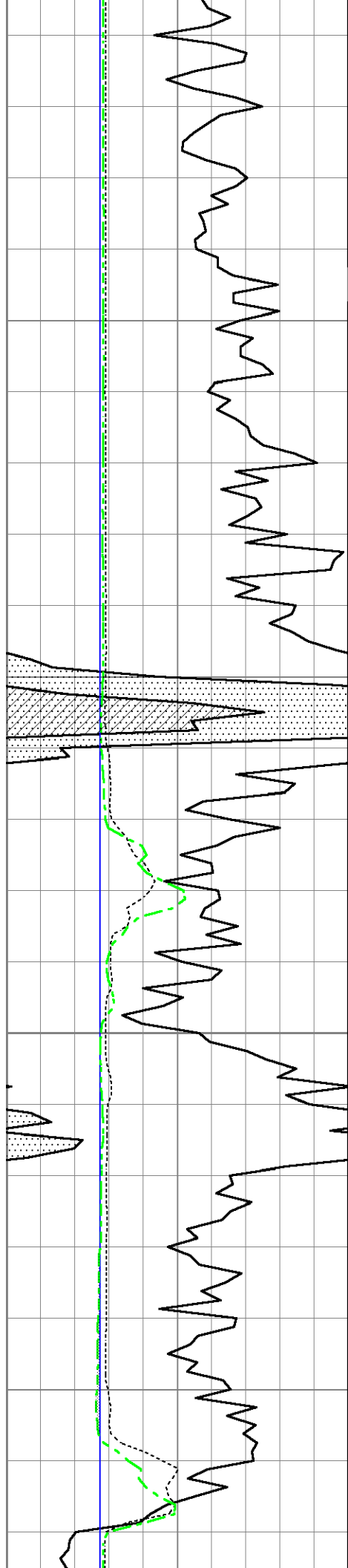
390

400

410

420



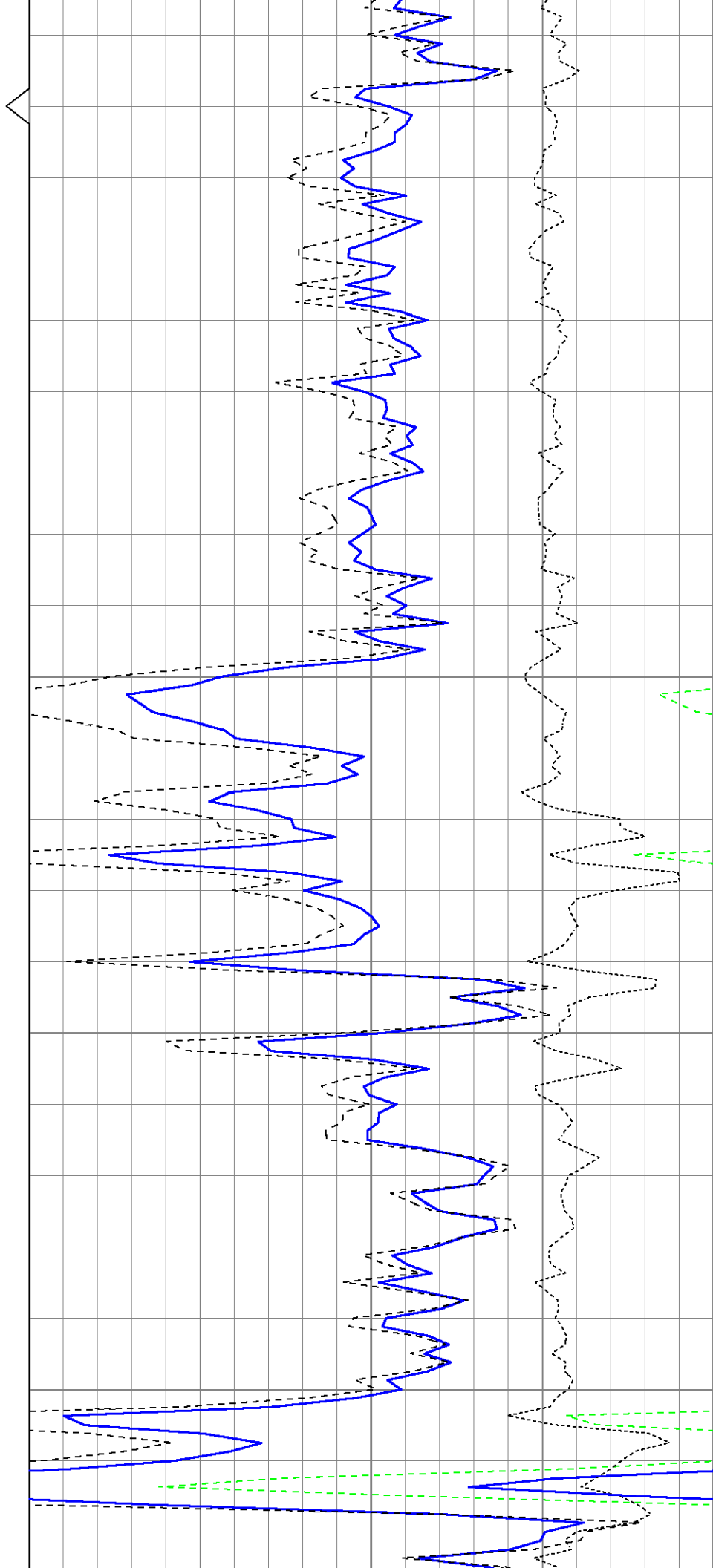


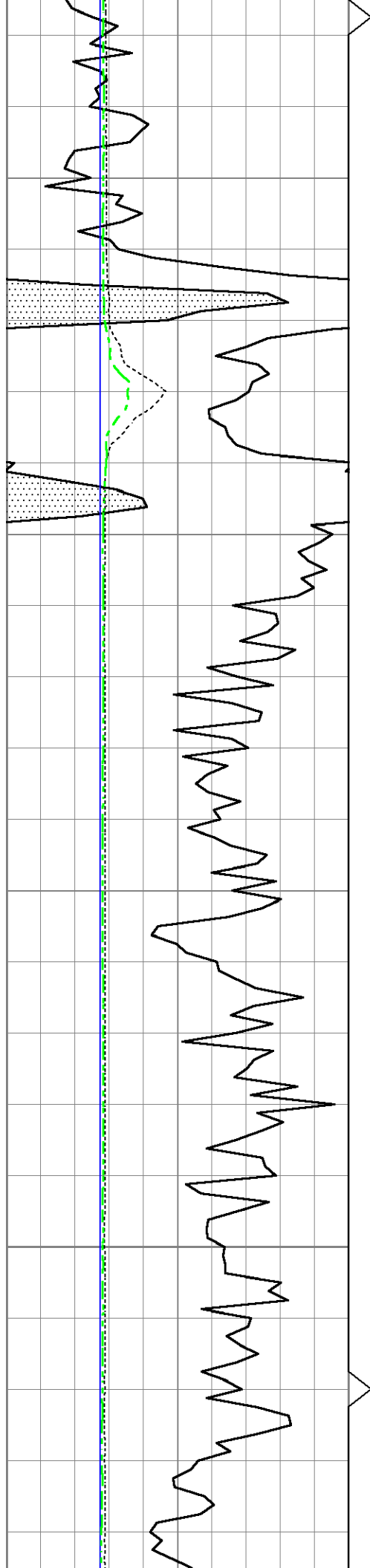
430

440

450

460



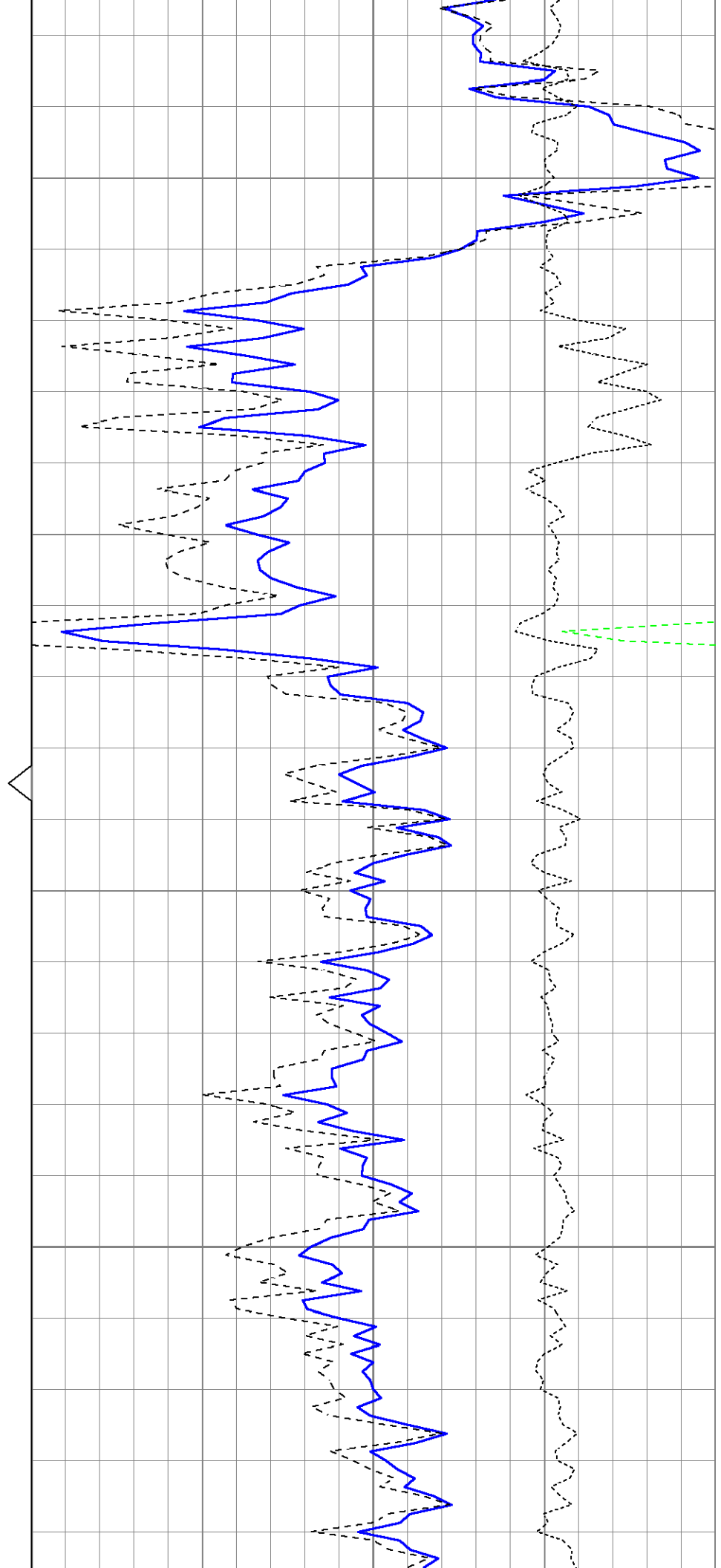


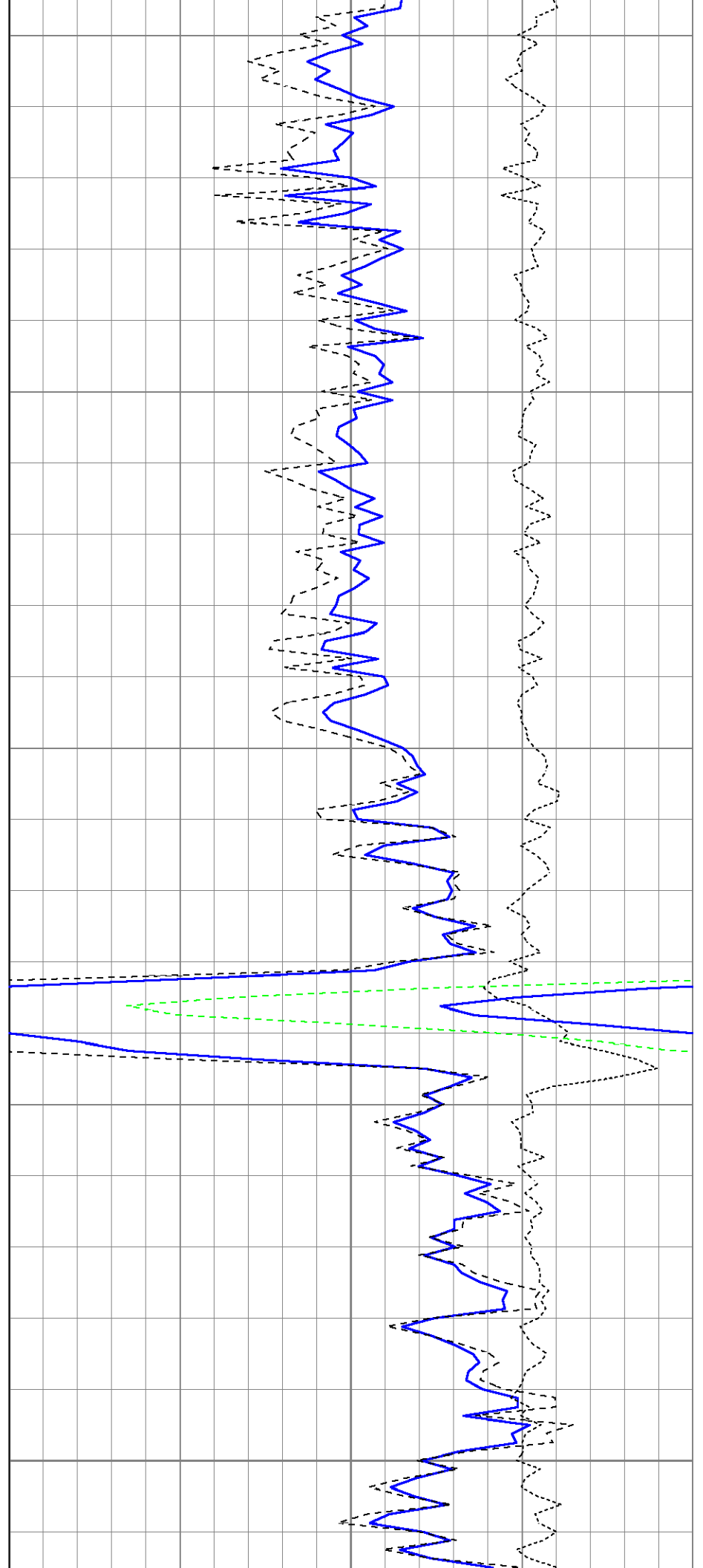
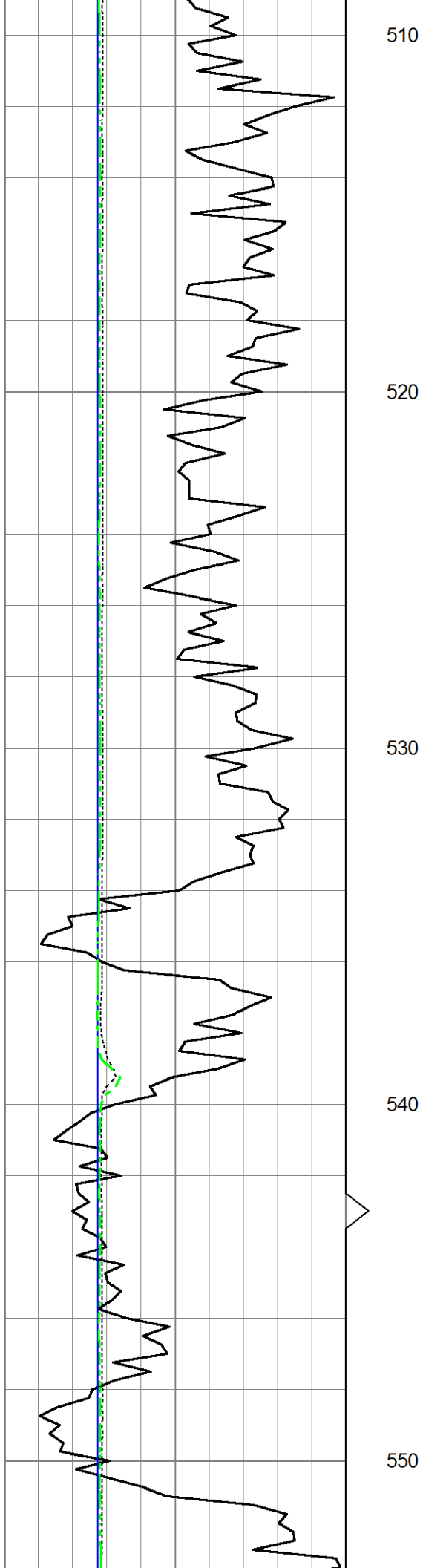
470

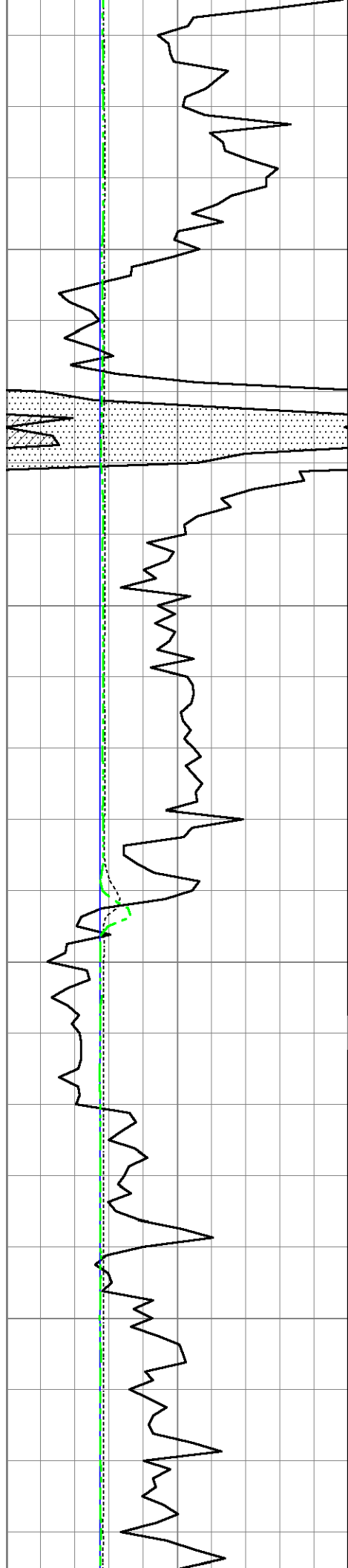
480

490

500





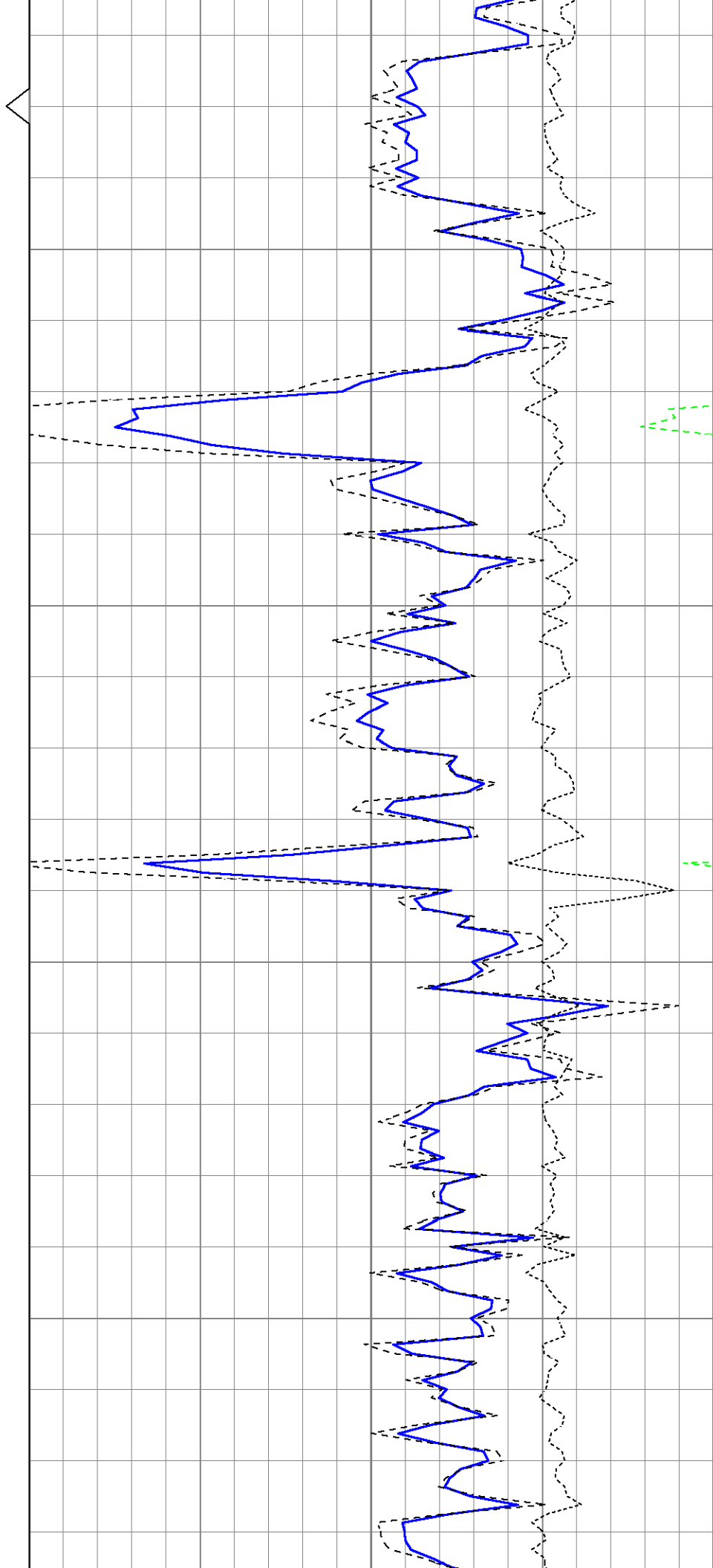


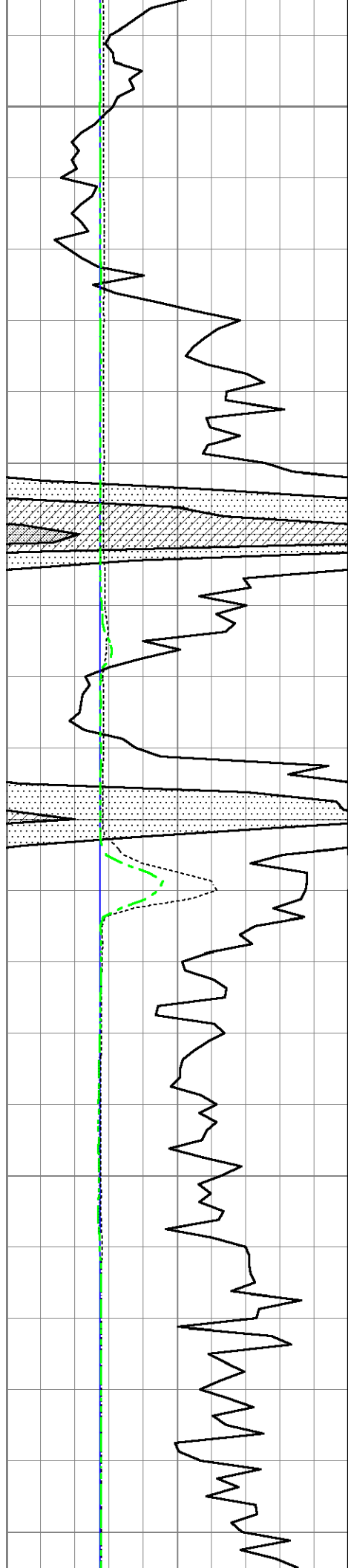
560

570

580

590





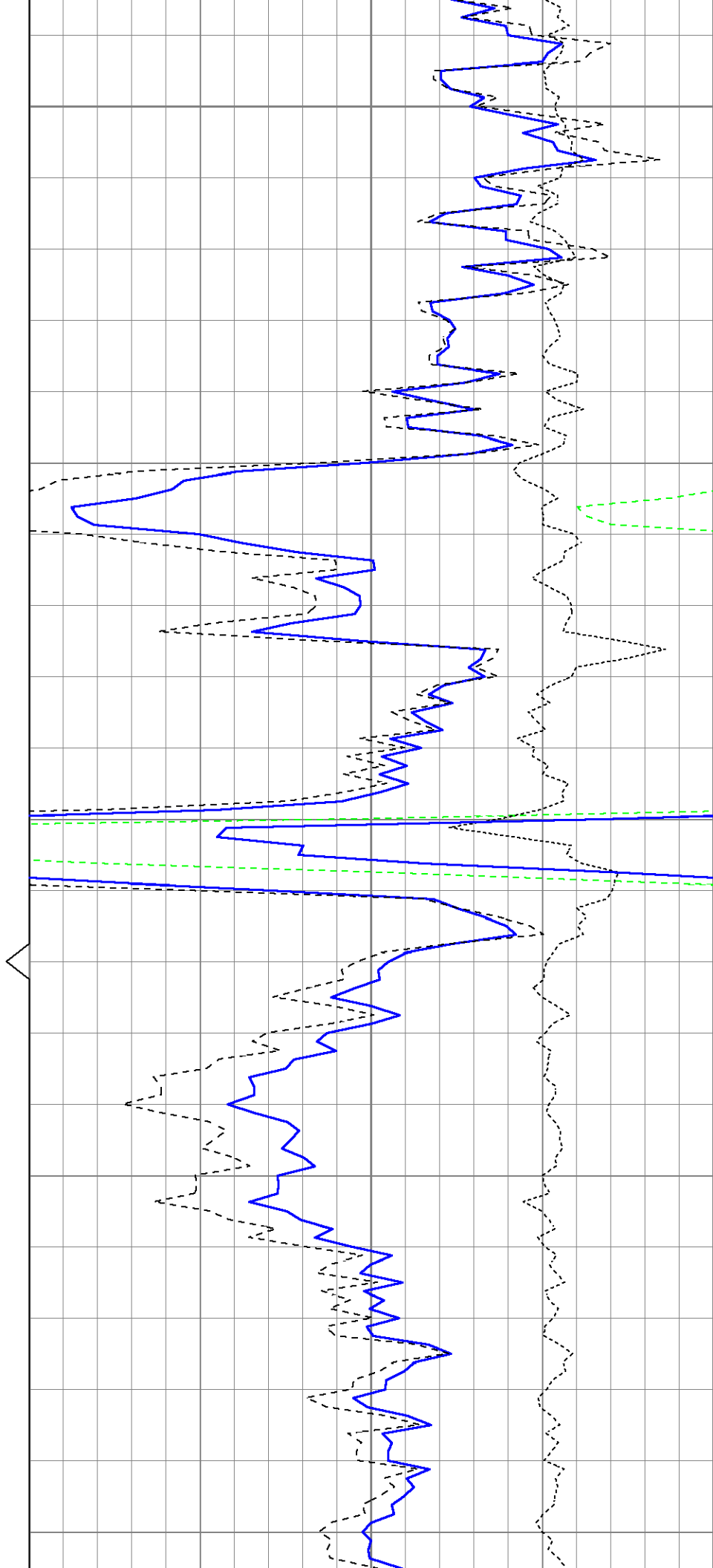
600

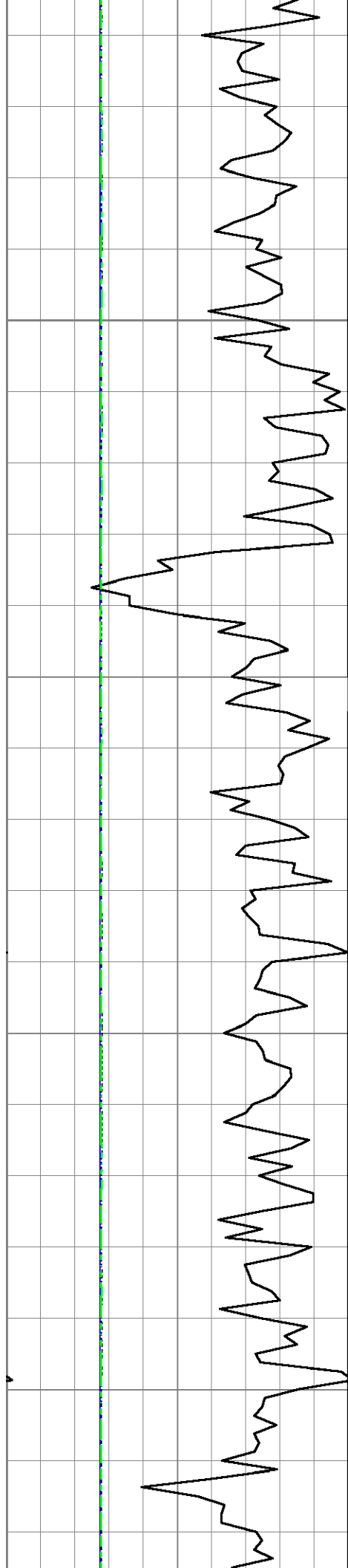
610

620

630

640



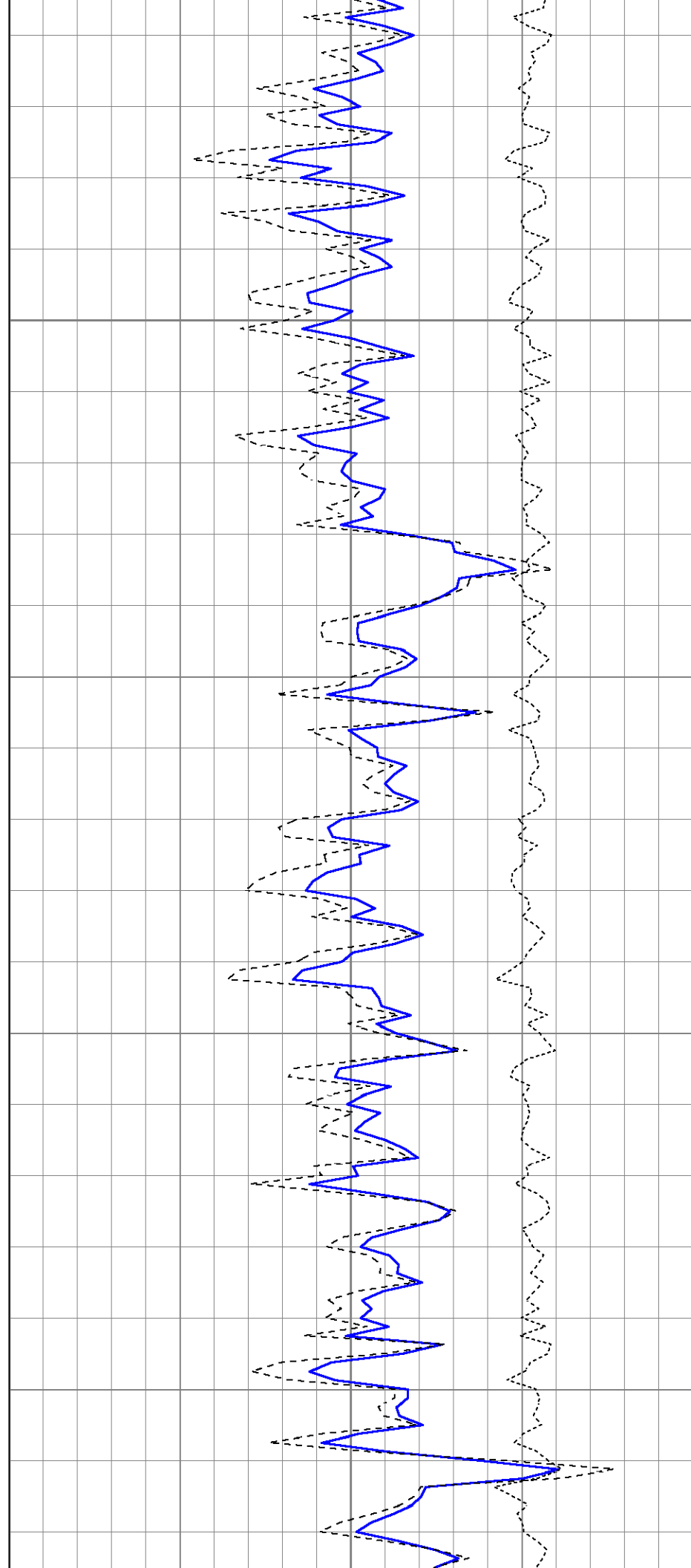


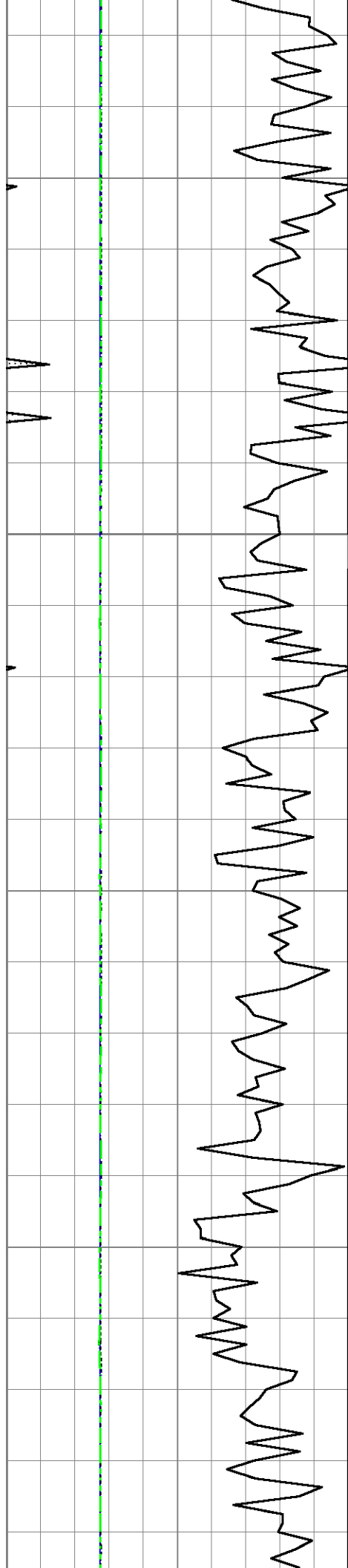
650

660

670

680



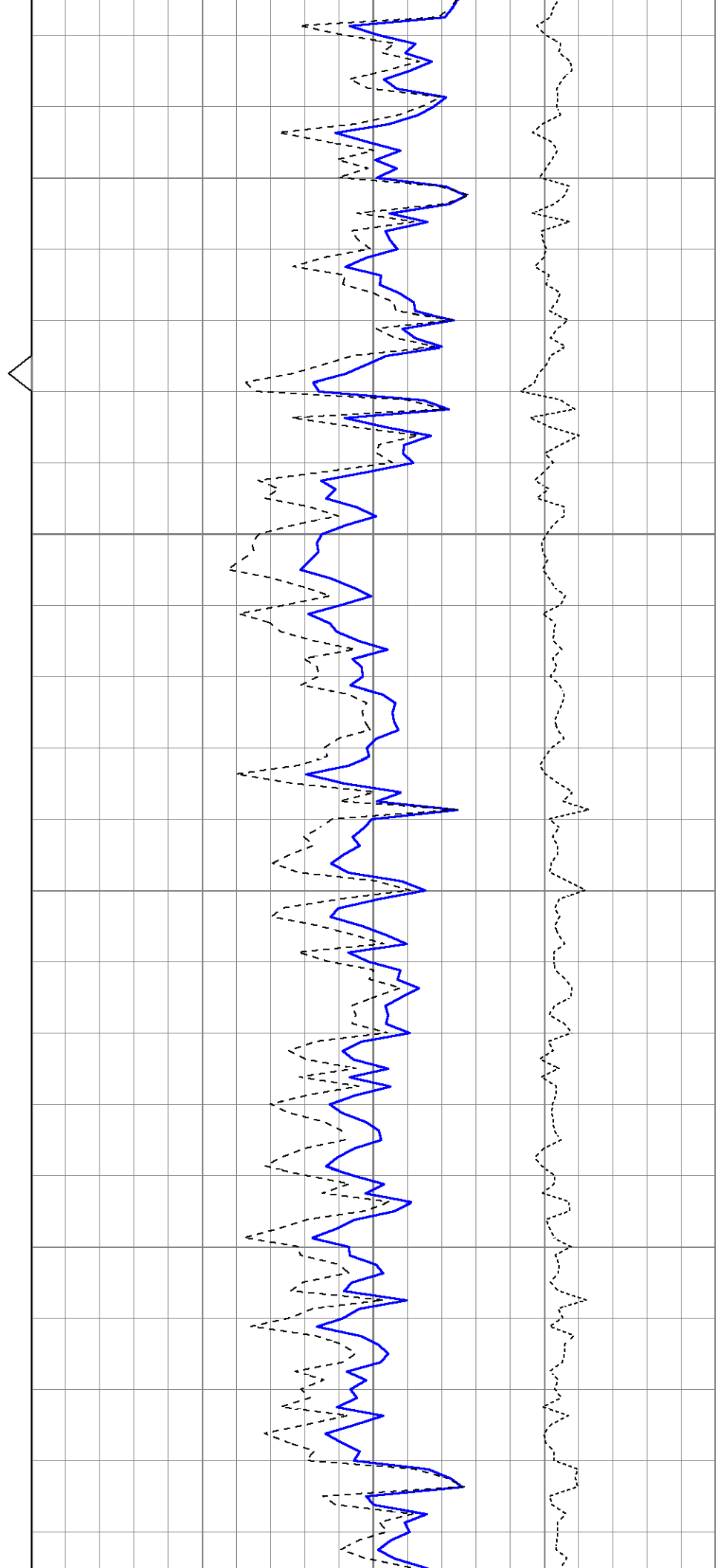


690

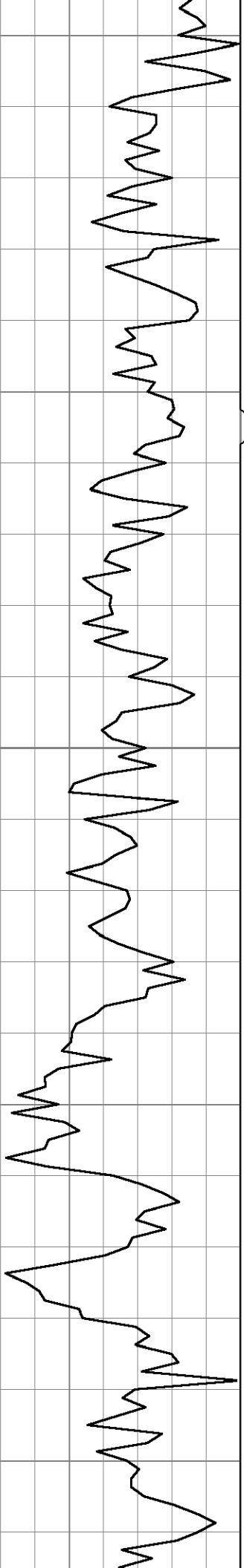
700

710

720







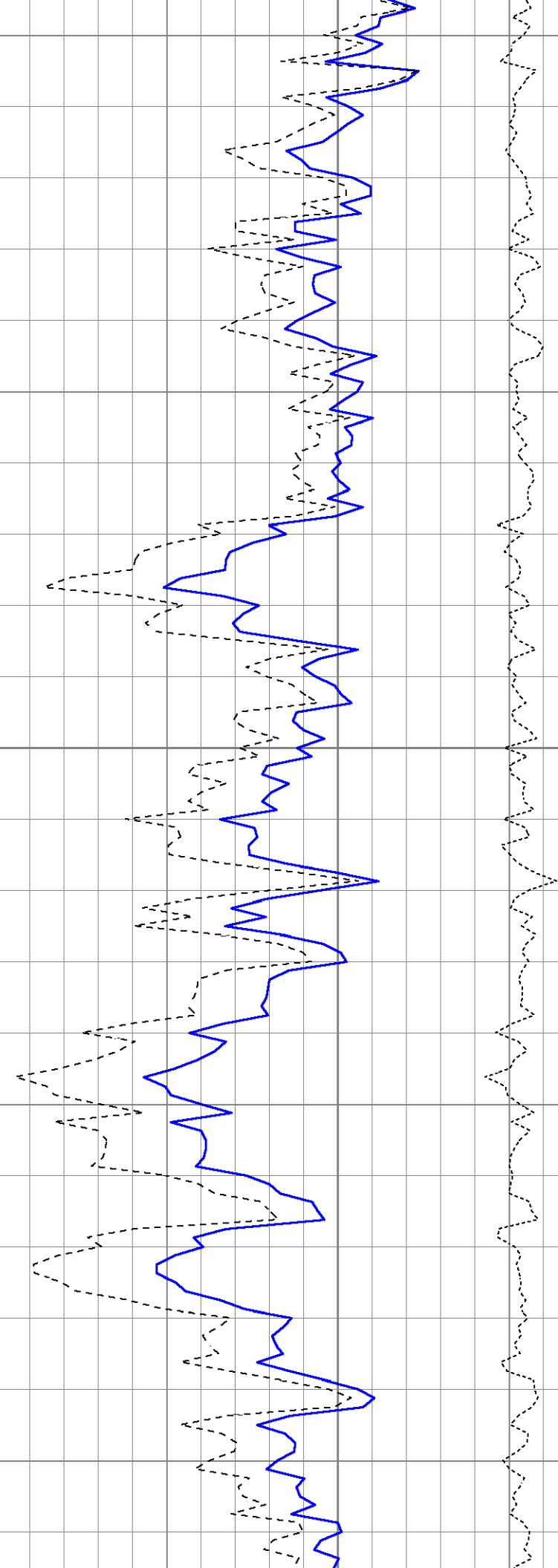
730

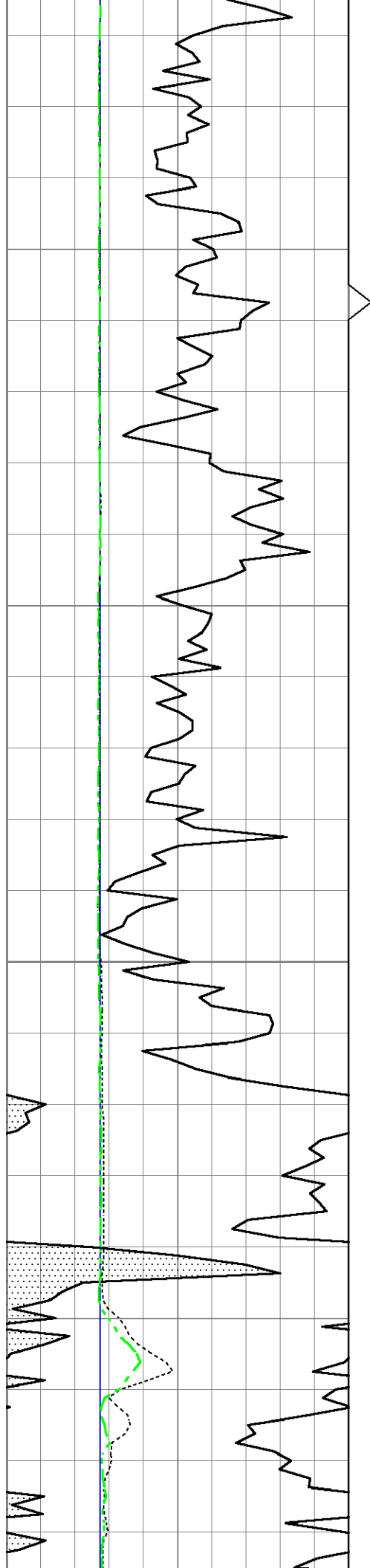
740

750

760

770



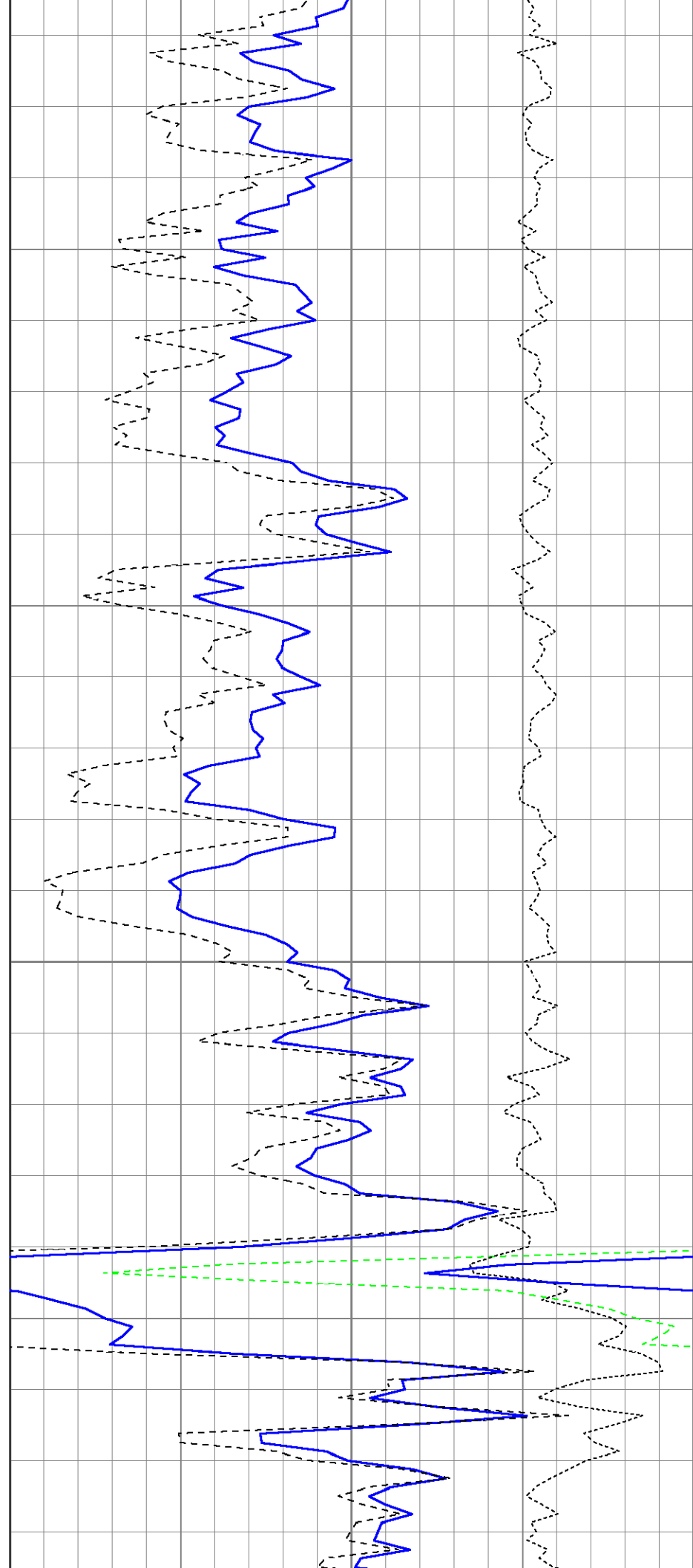


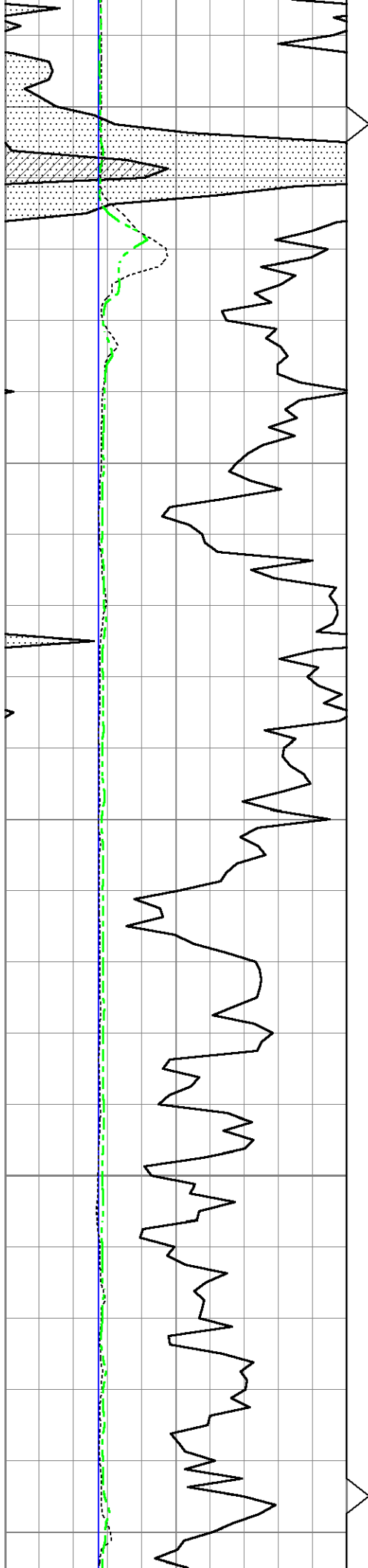
780

790

800

810





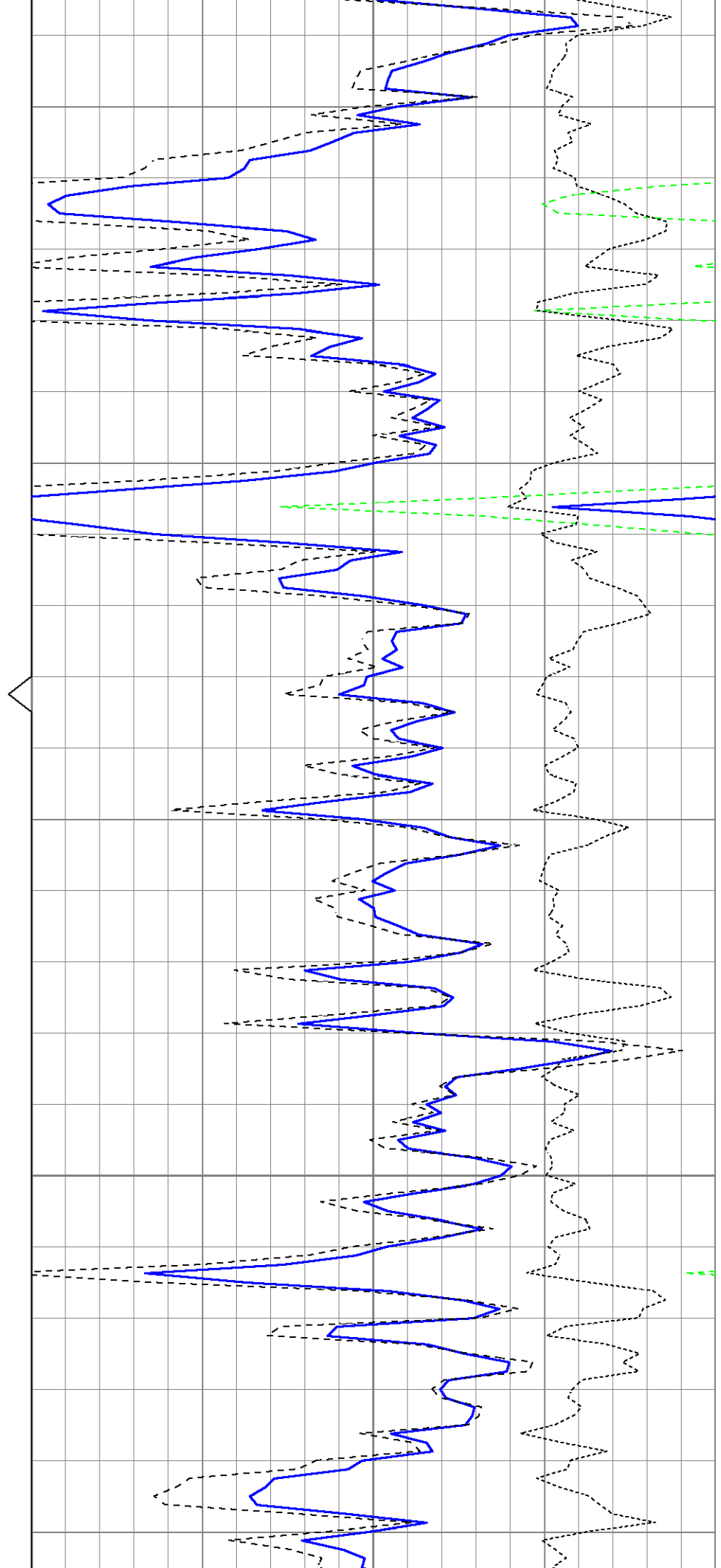
820

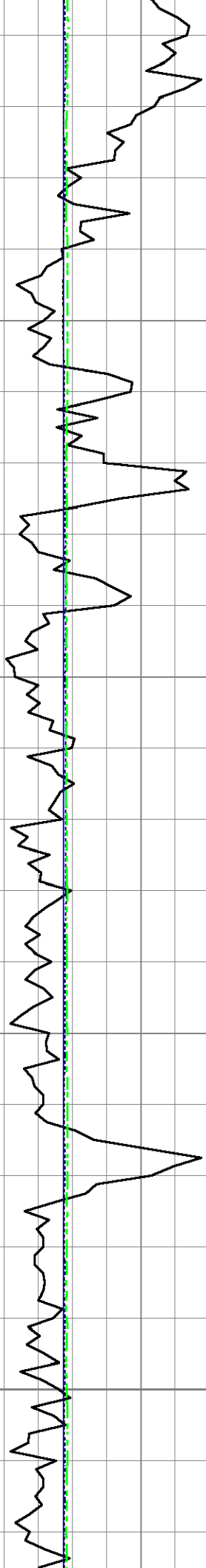
830

840

850

860



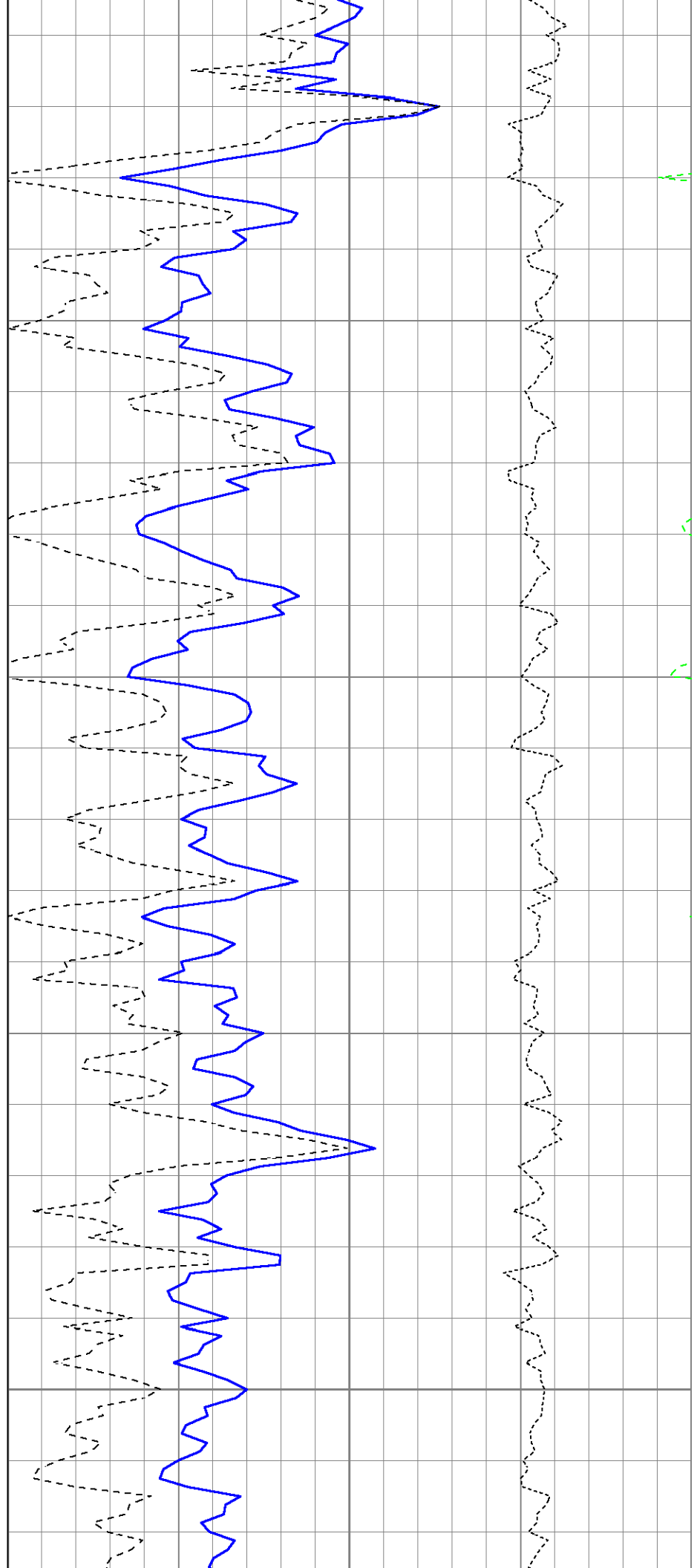


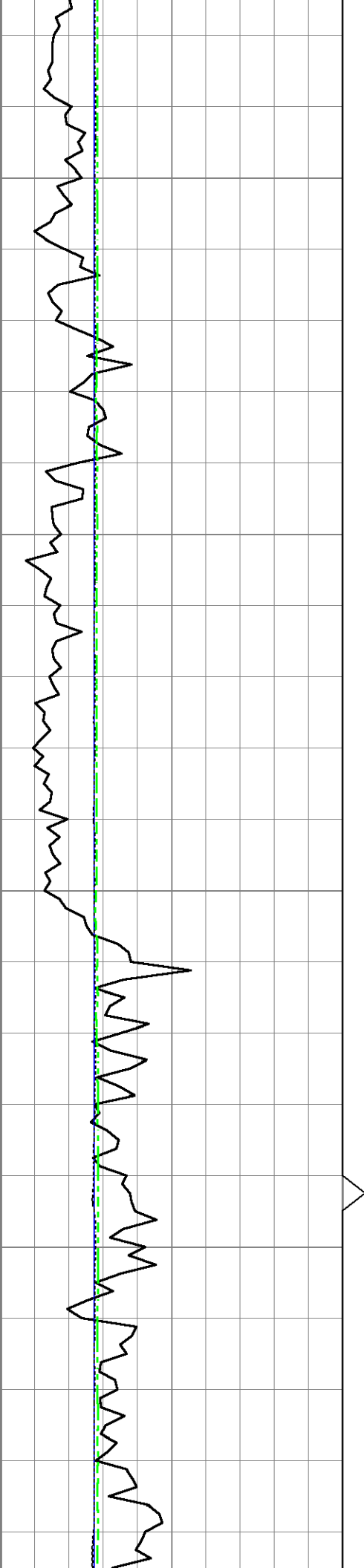
870

880

890

900



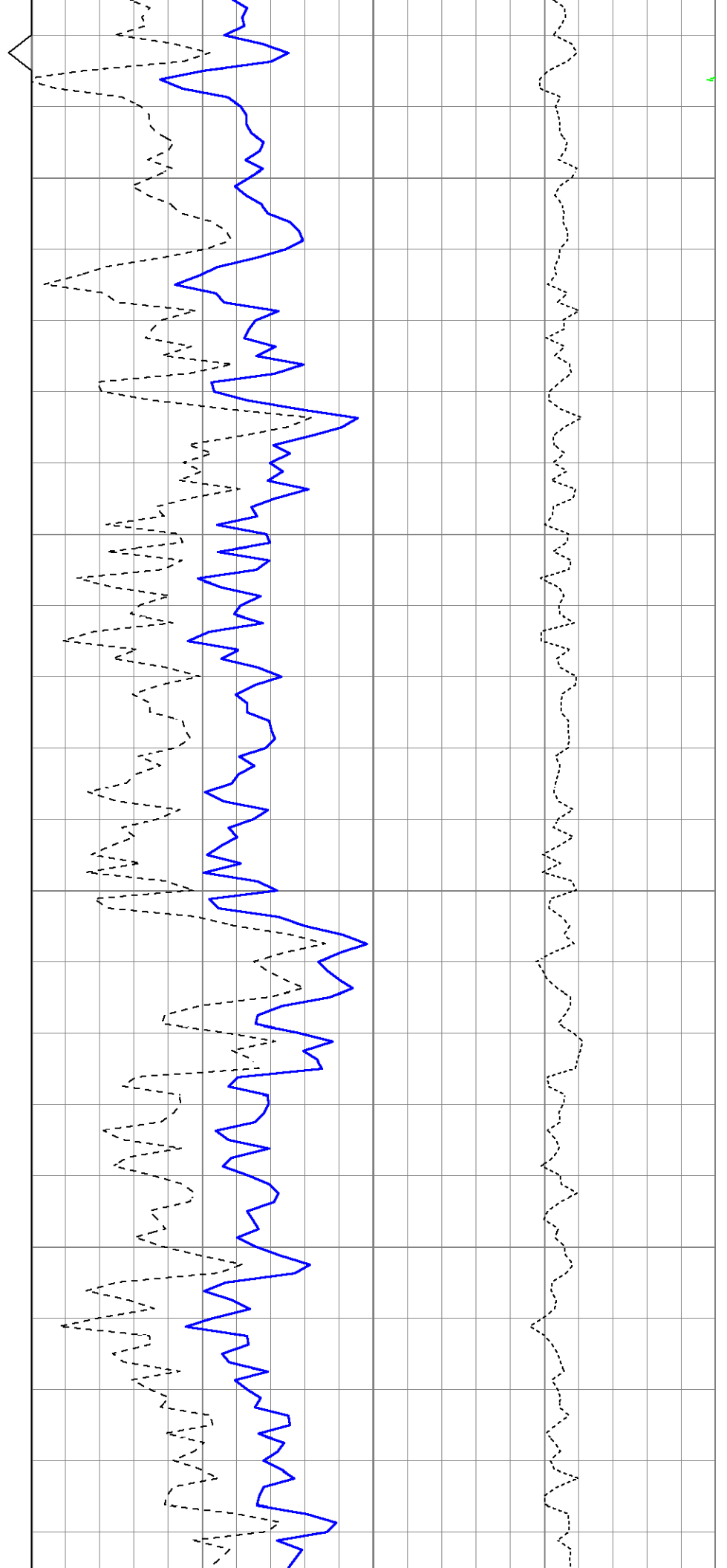


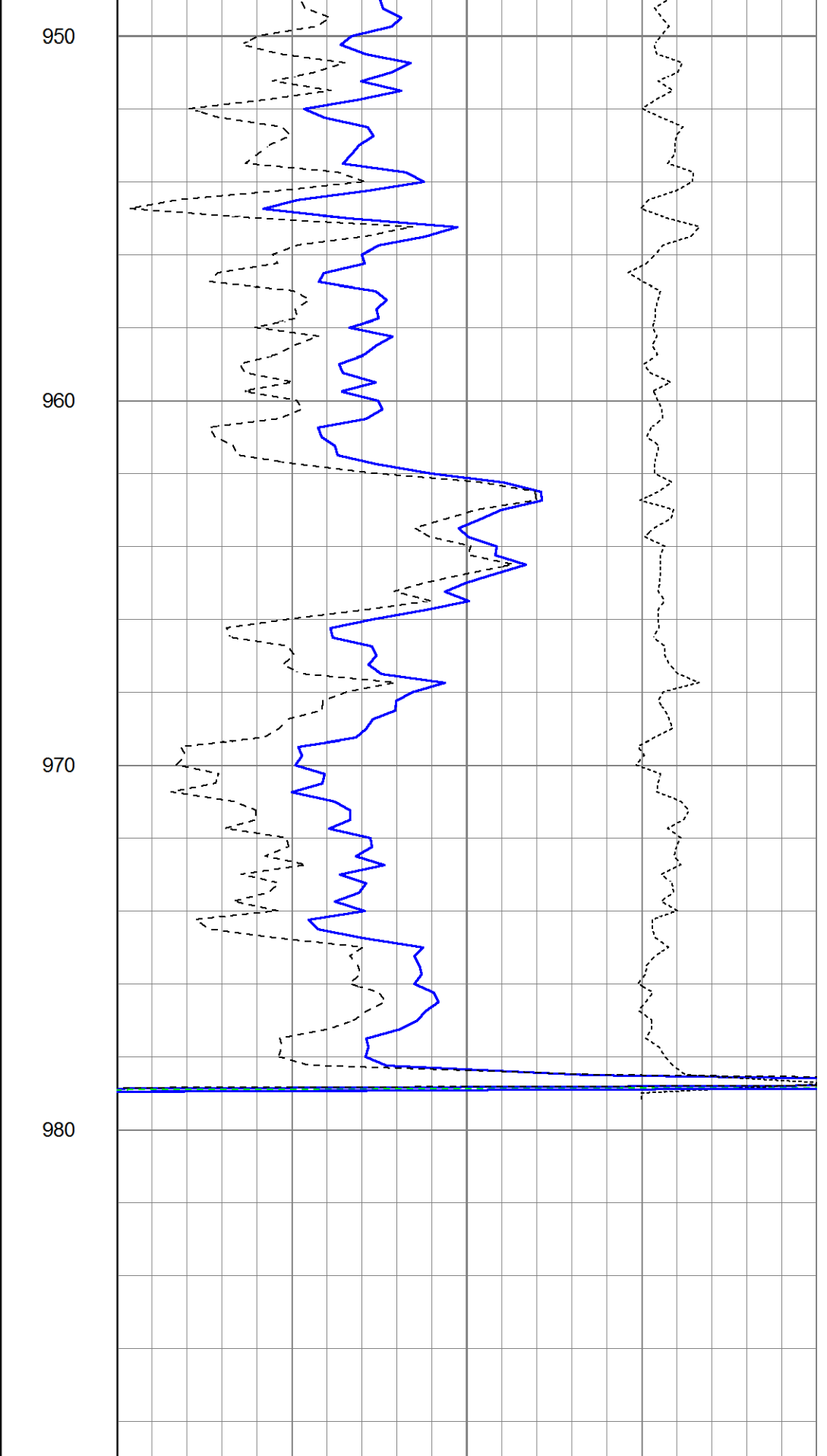
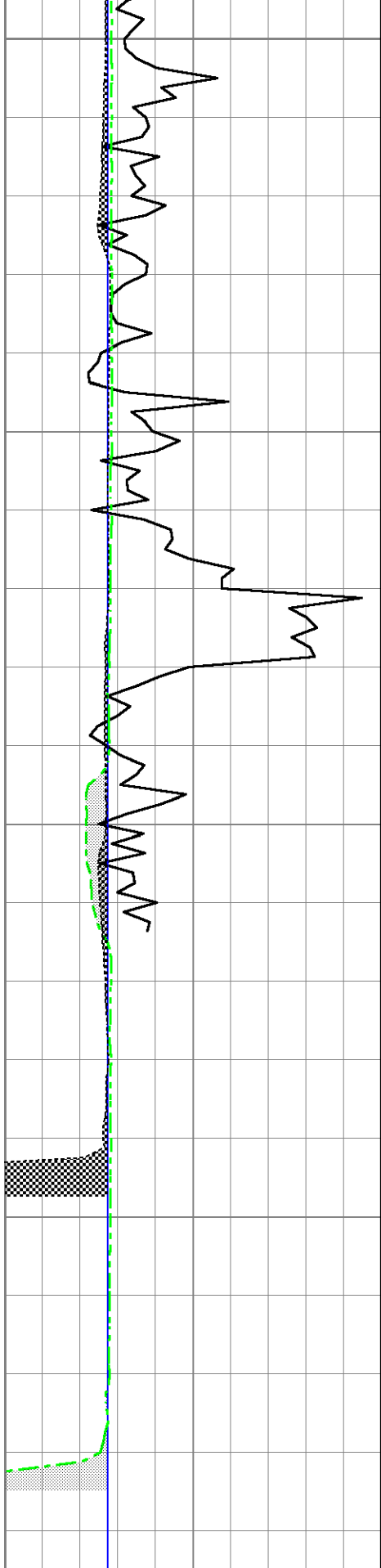
910

920

930

940





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 DCAL SSD	10.22 9.94 9.76		Density-Oilex2122 (2122) Density Section	6.08	4.00	200.00
			Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SCAL SWN NEU	2.54 2.15 2.15					

Dataset: ow1-8653 colt energy.db: field/well/CDL/pass1  
 Total length: 18.15 ft  
 Total weight: 445.00 lb  
 O.D.: 4.00 in