



**COMPENSATED DENSITY  
SIDEWALL NEUTRON LOG**

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

Location:	API #: 15-001-30843-0000	Other Services
	SE NW NE NE	DIL
	399' FNL & 730' FEL	
Permanent Datum	GL	Elevation 963' est
Log Measured From	GL	K.B. ---
Drilling Measured From	GL	D.F. ---
		G.L. 963' est

Date	6-09-2014
Run Number	ONE
Depth Driller	1020'
Depth Logger	953'
Bottom Logged Interval	951'
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

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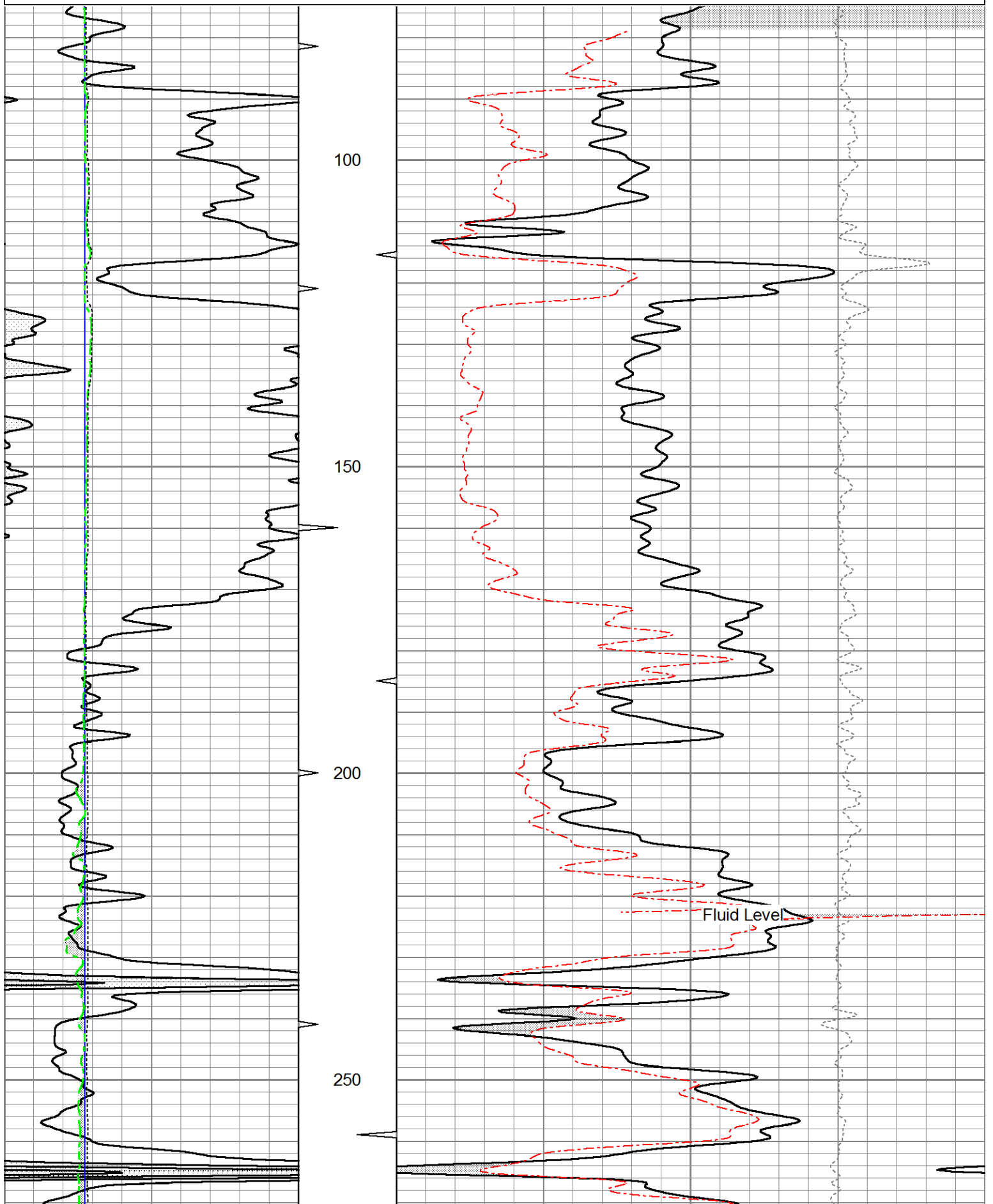
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

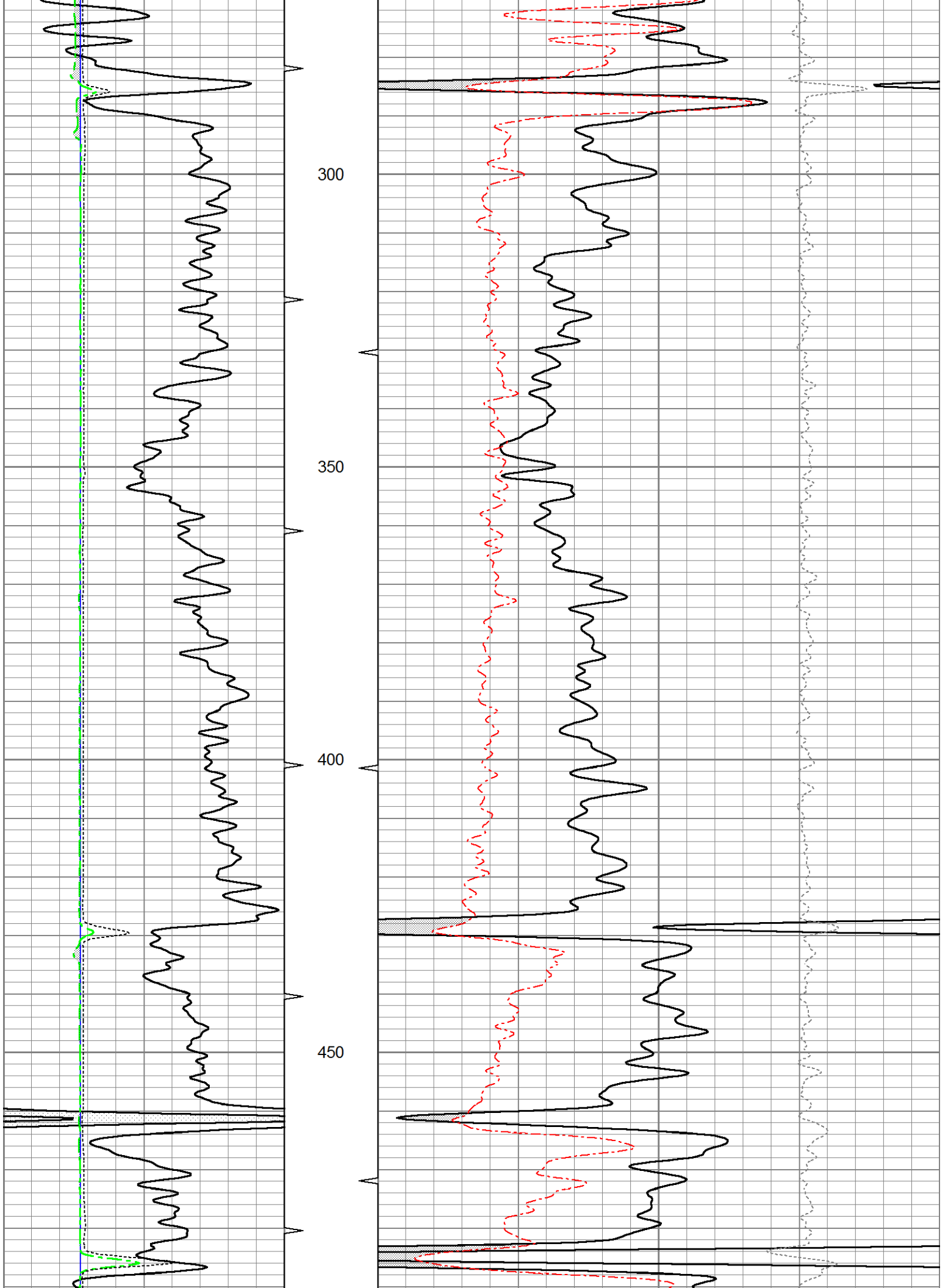
**Comments**

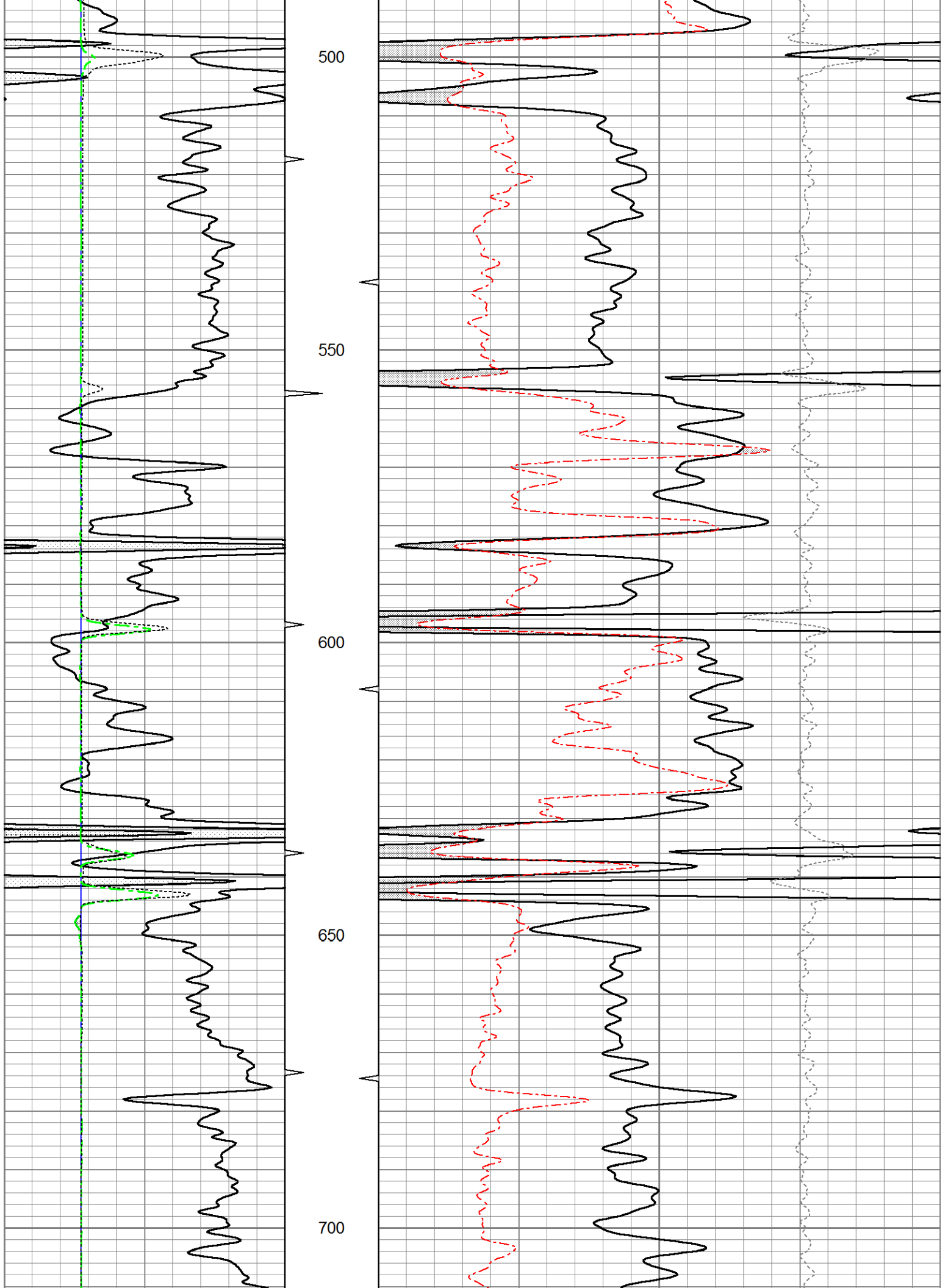
**OW1-8658**  
**MATRIX LIMESTONE 2.71g/cc**  
**ABHV COMPUTED WITH 4 1/2" CASING**  
  
**CREW : SHAMBLES**

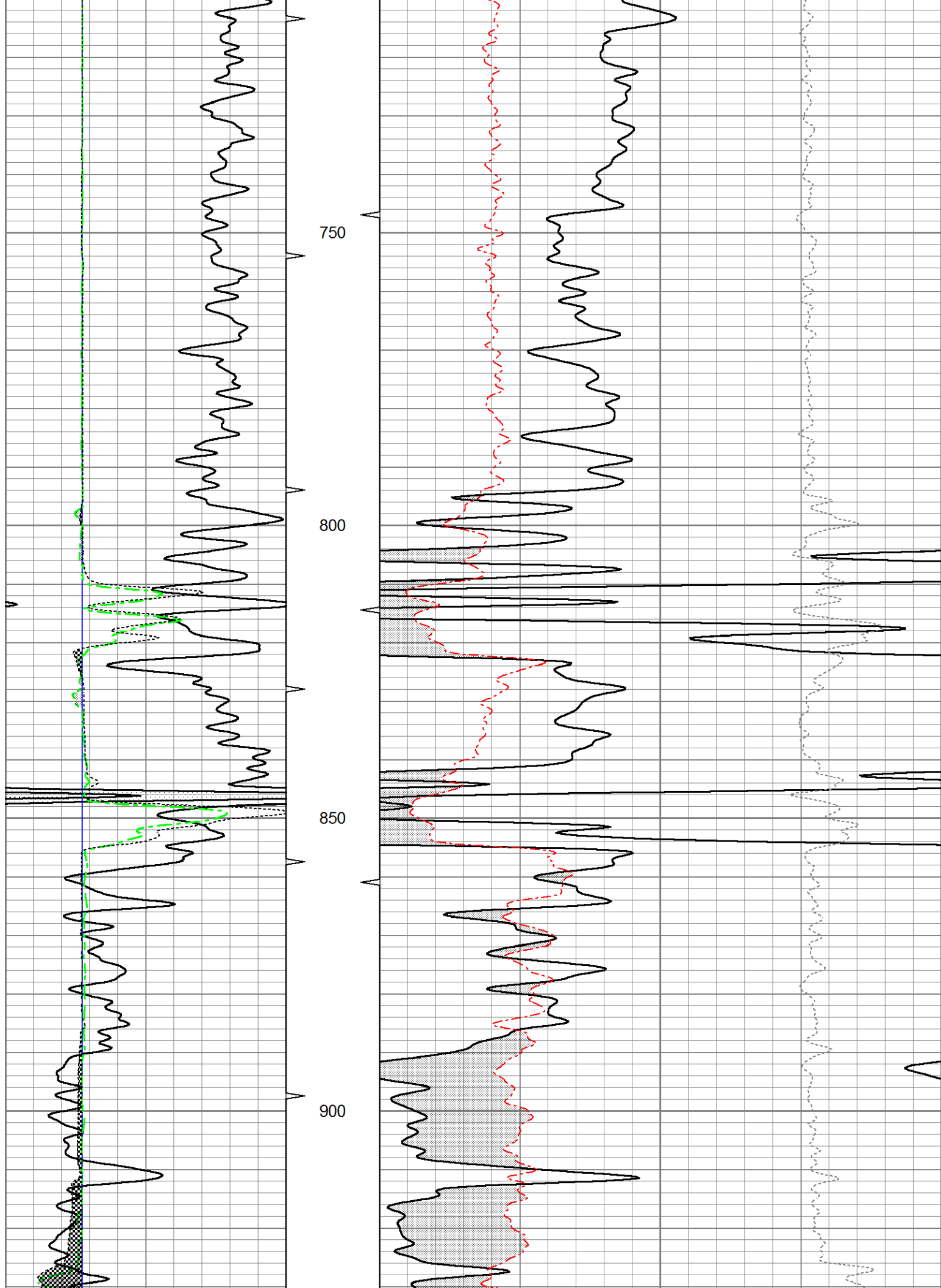
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Dataset Pathname	CDL/pass1.2
Presentation Format	_neu4
Dataset Creation	Mon Jun 09 13:21:17 2014
Charted by	Depth in Feet scaled 1:240

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

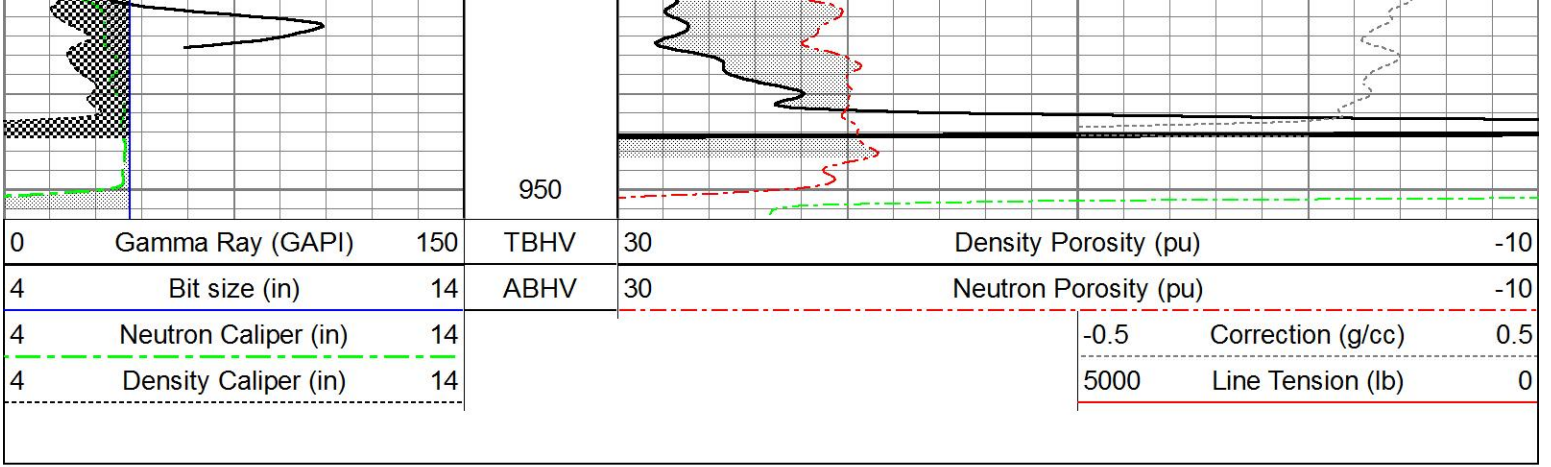








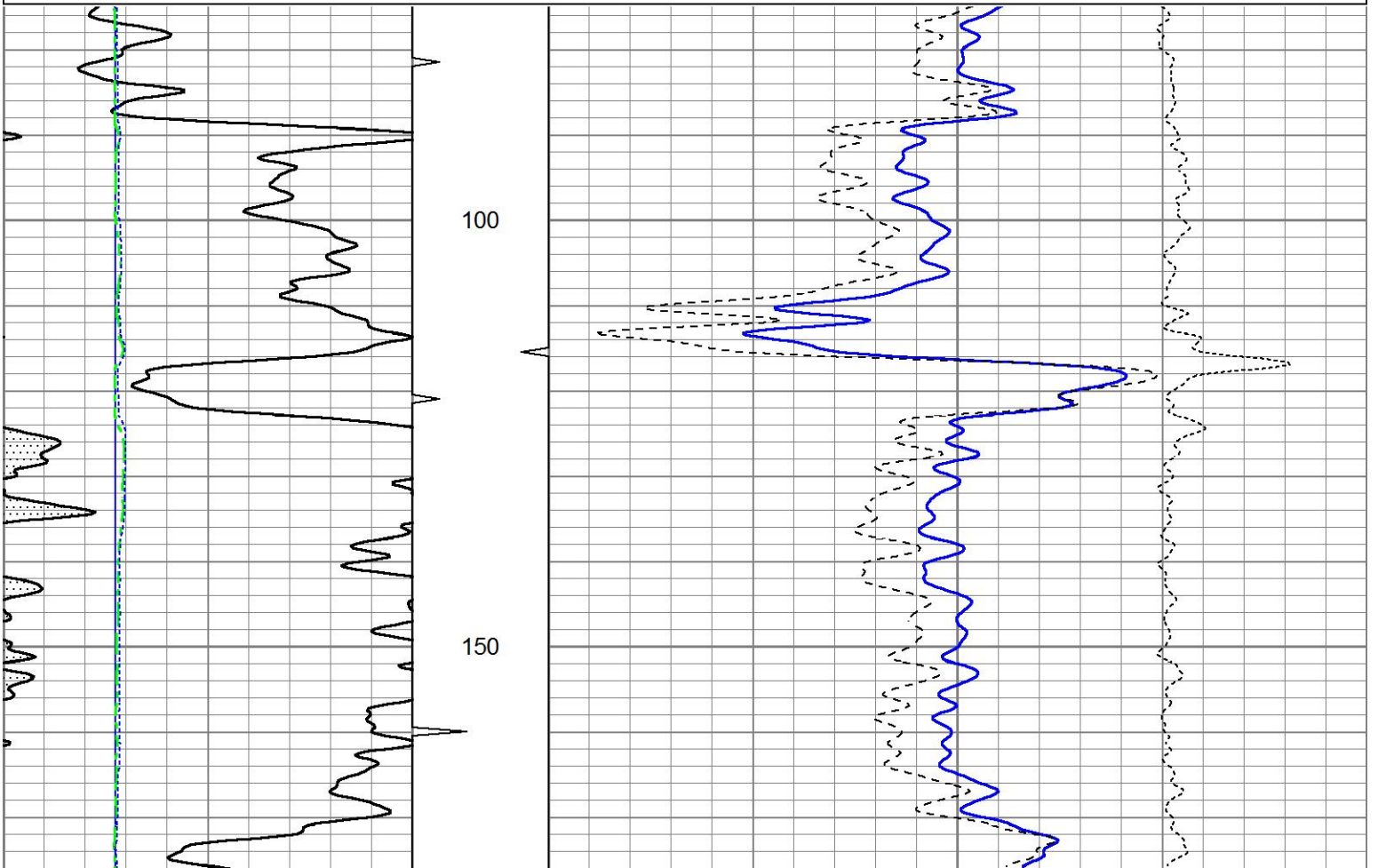


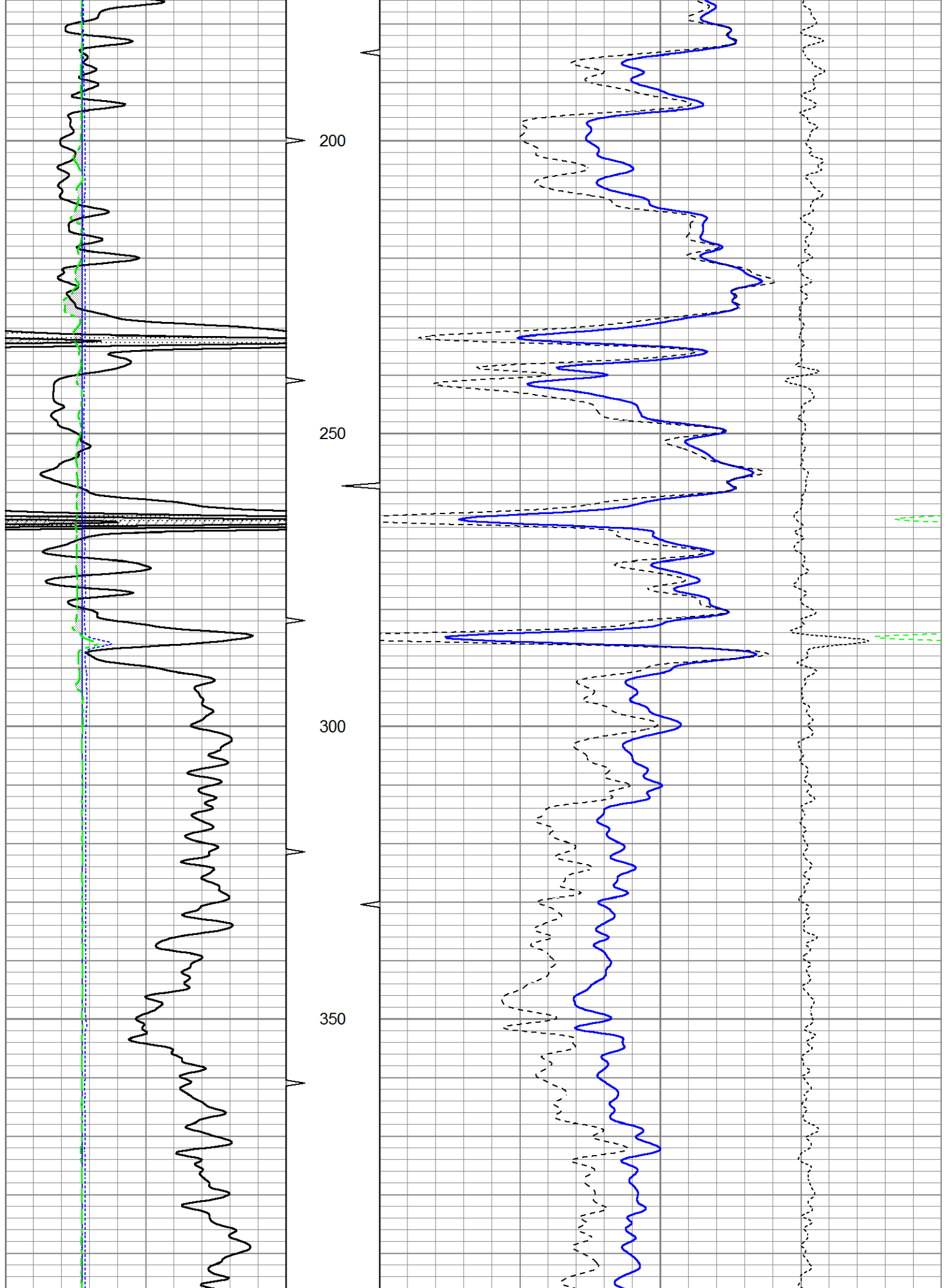


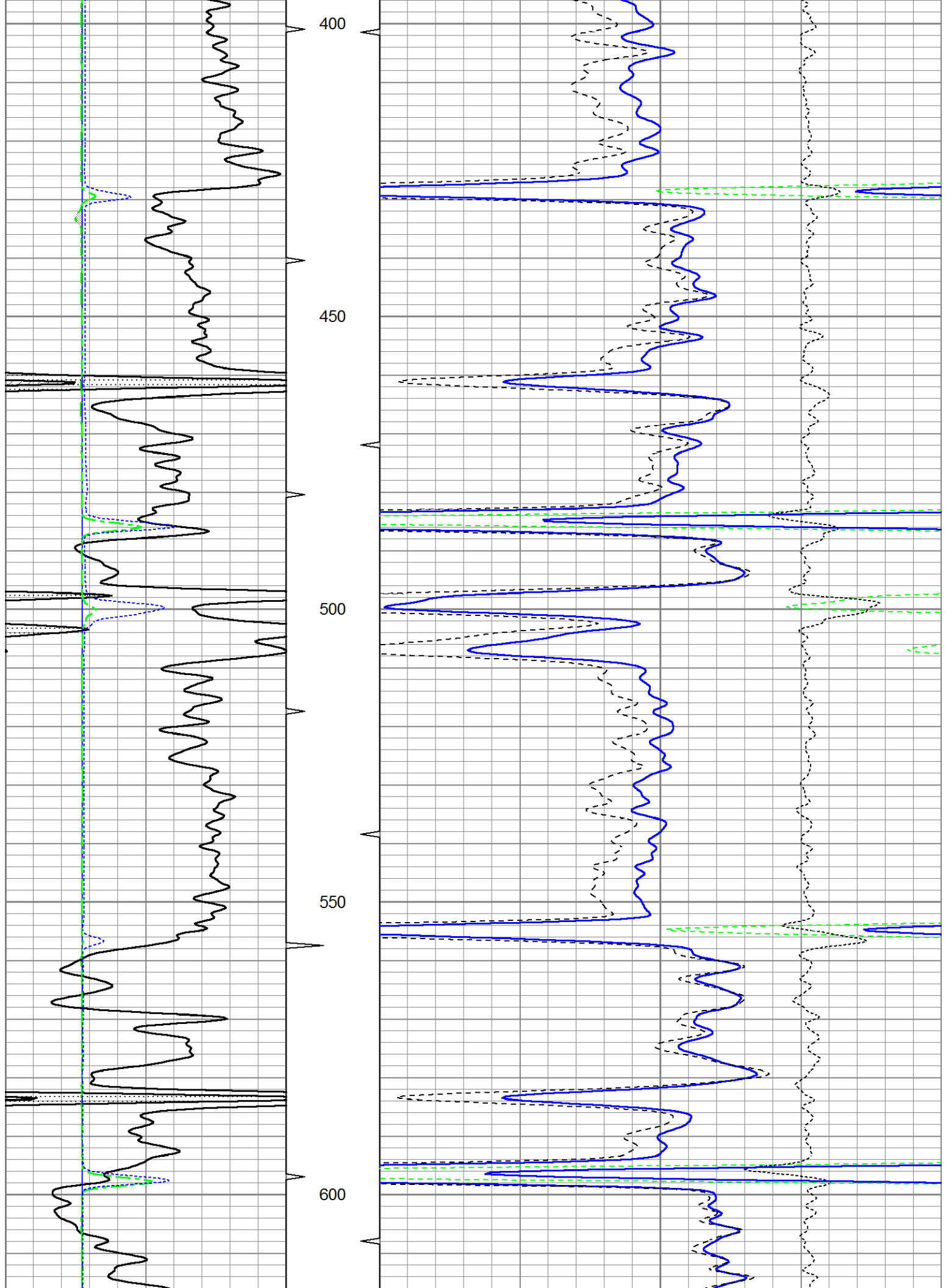
# 5" CDL SECTION

Database File ow1-8658 colt energy.db  
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 Presentation Format bulk4  
 Dataset Creation Mon Jun 09 13:21:10 2014  
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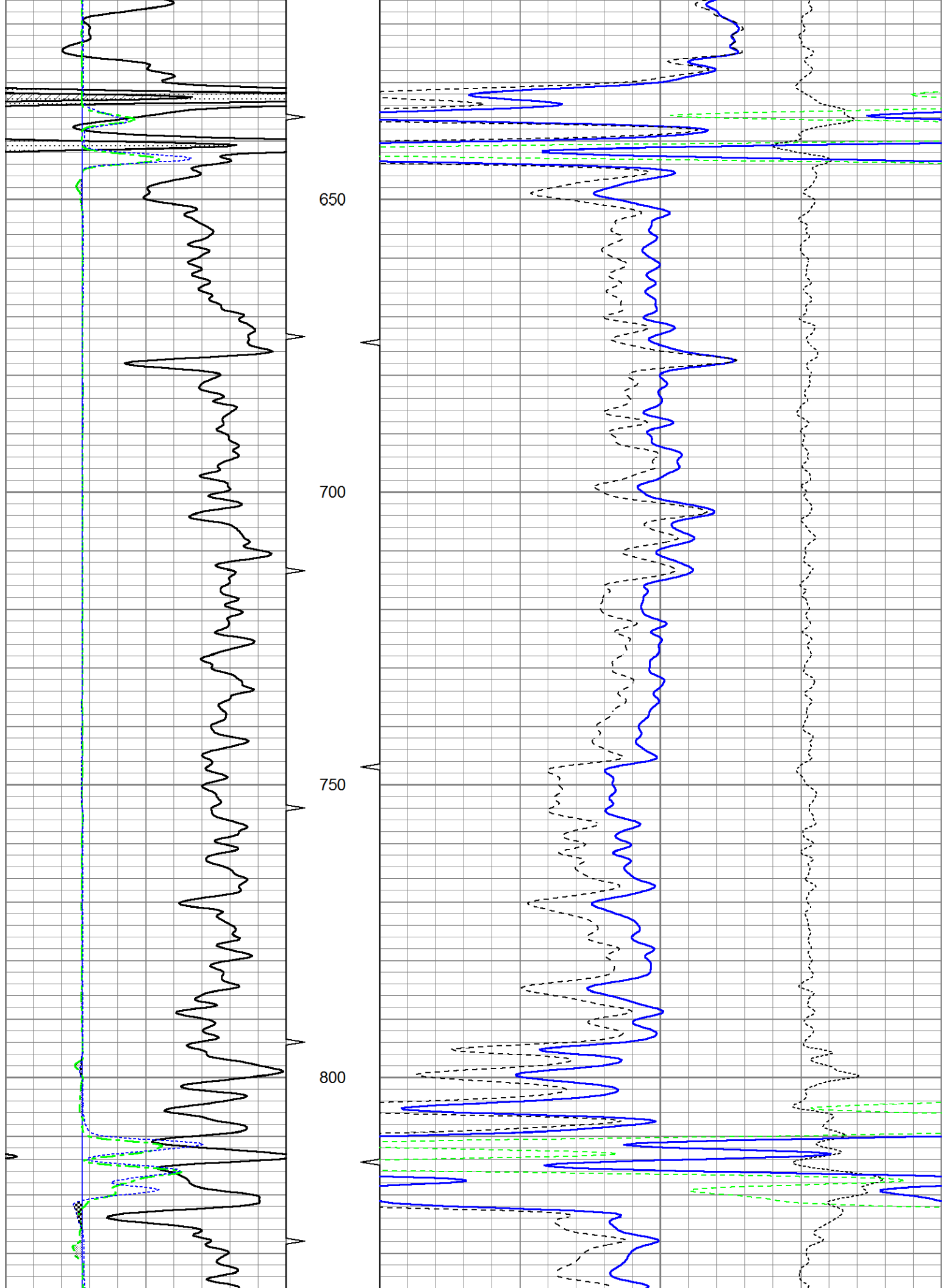
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4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10	
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14			5000	Line Tension (lb)	0

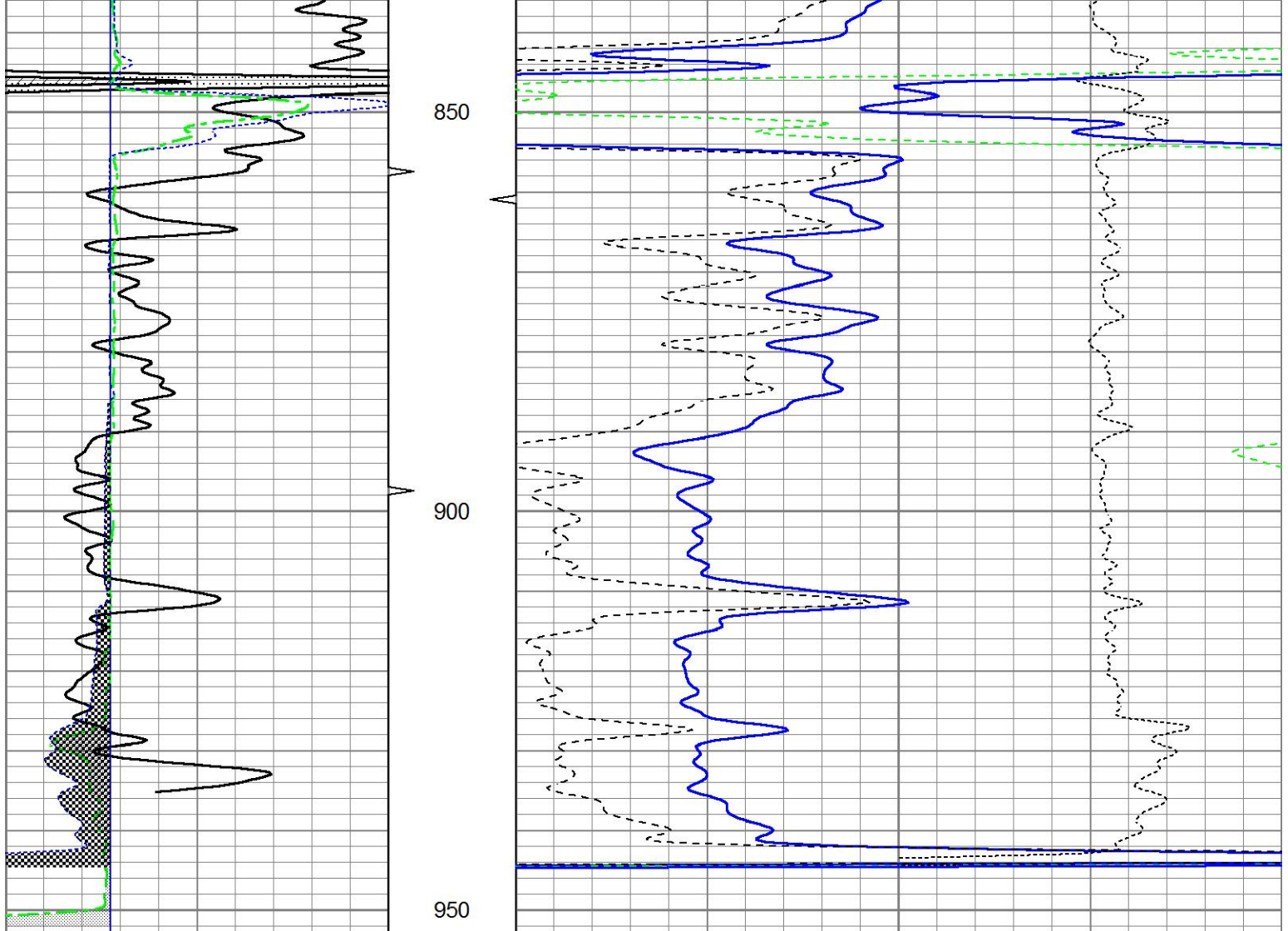












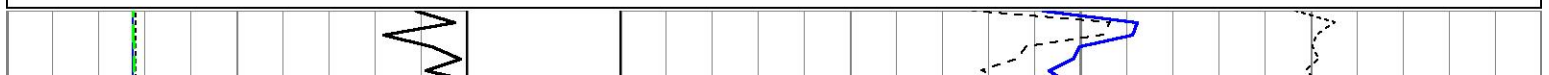
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4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

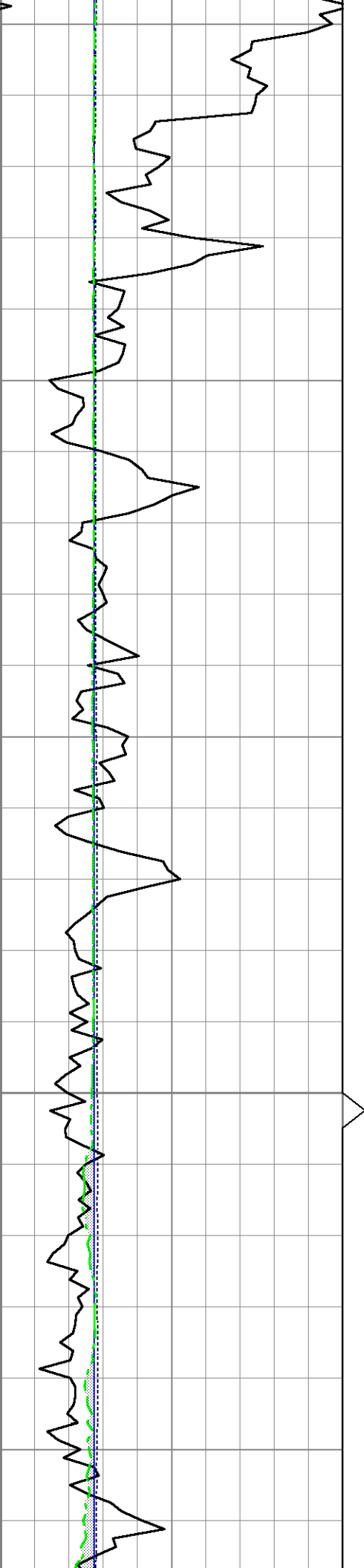


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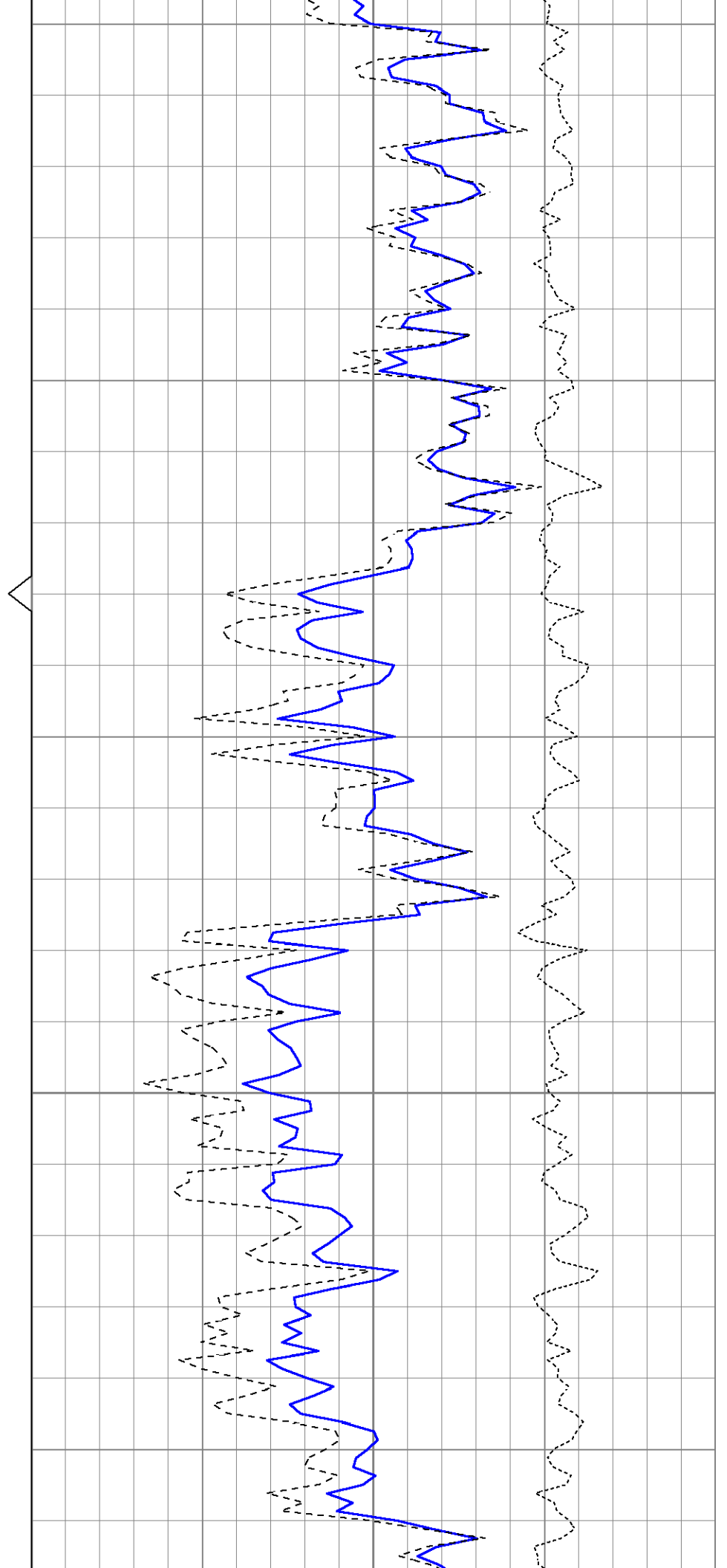
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 Dataset Pathname CDL/pass1.3  
 Presentation Format bulk4hr  
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4	Neutron Caliper (in)	14			5000	Line Tension (lb) 0

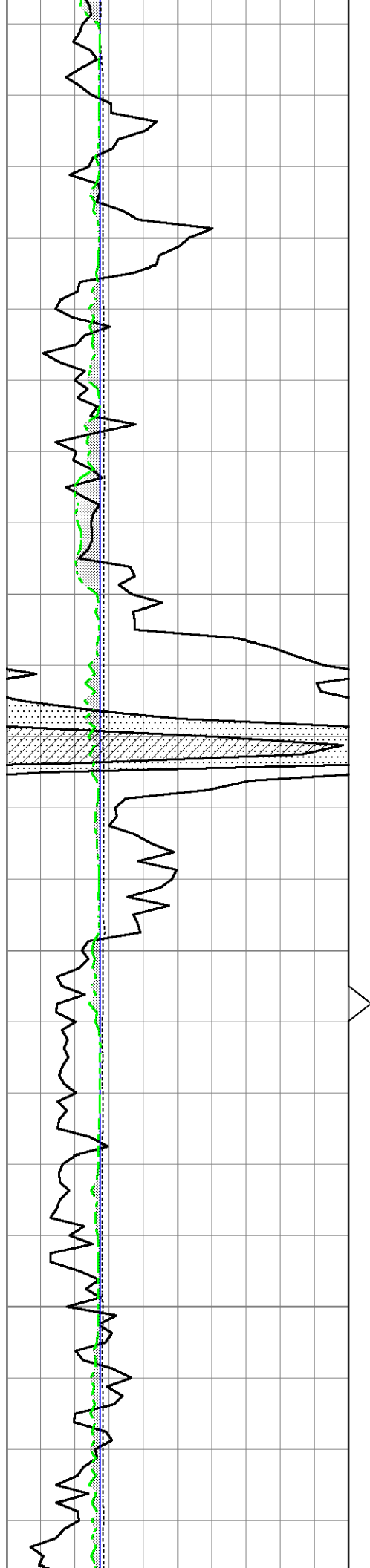




170  
180  
190  
200  
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170  
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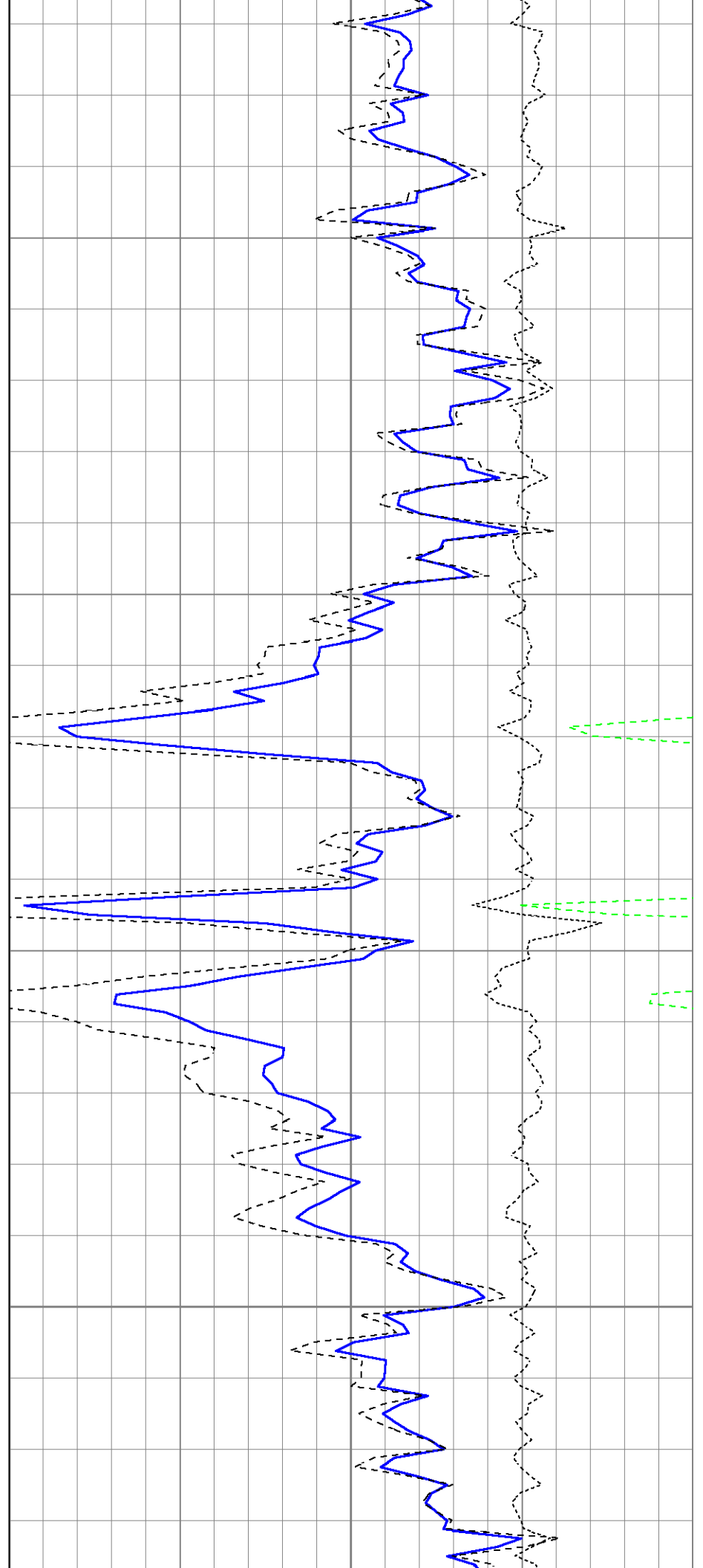


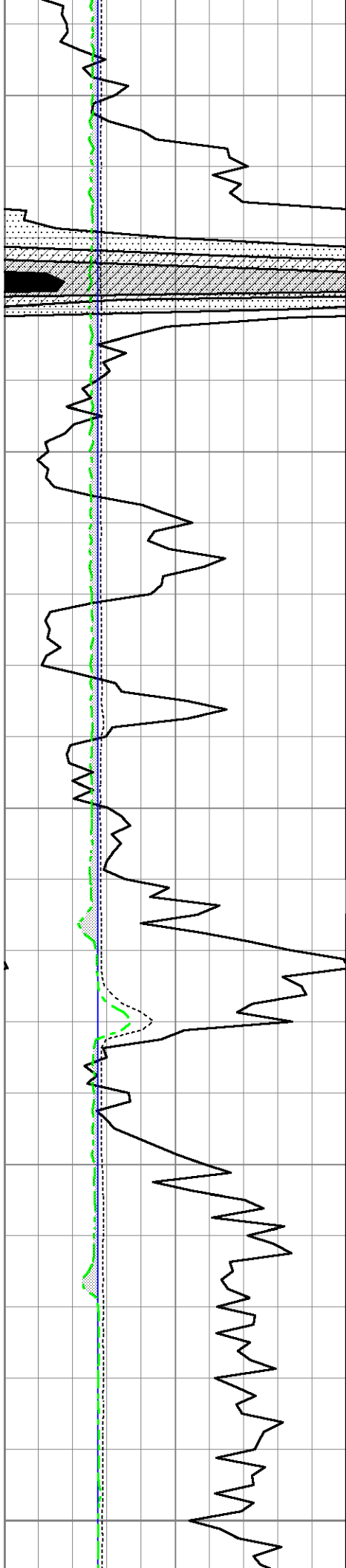
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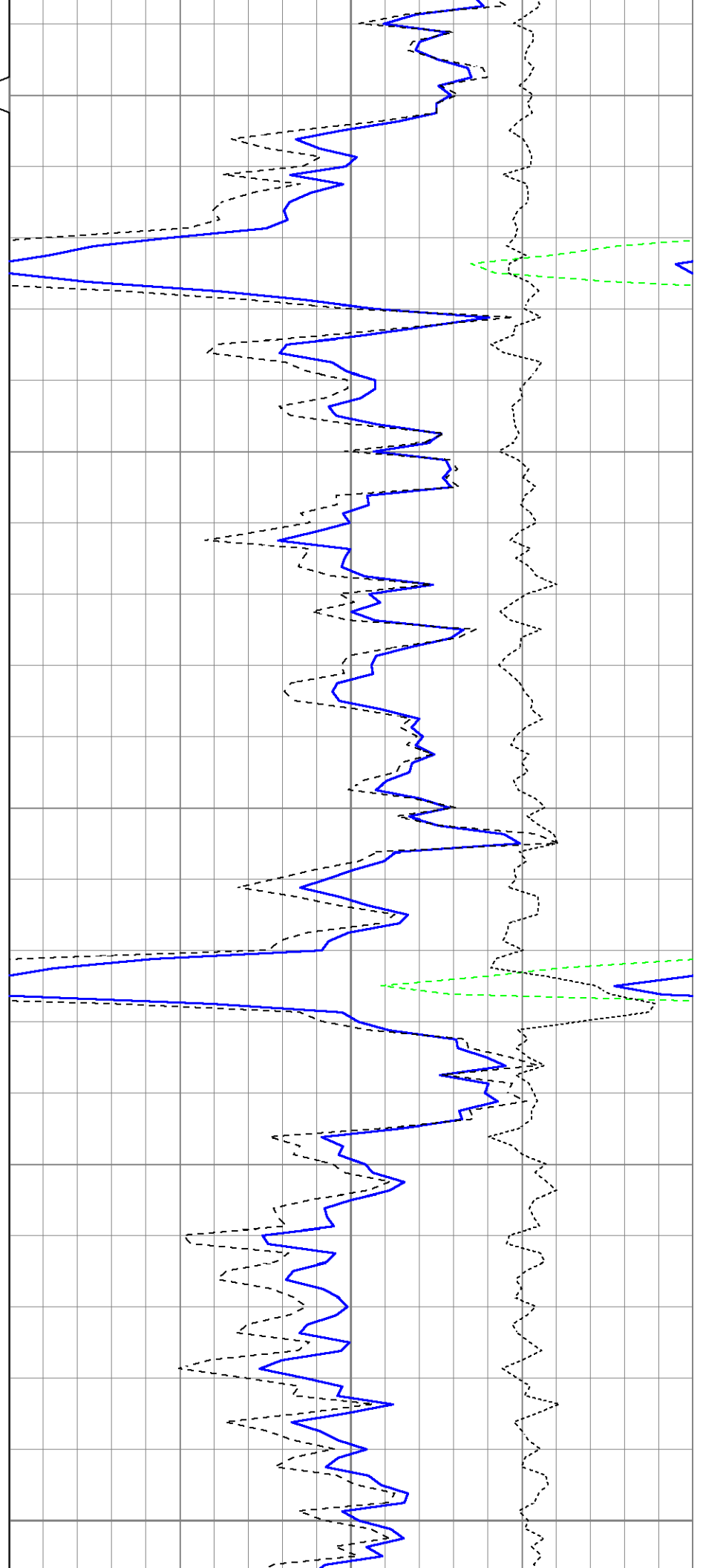
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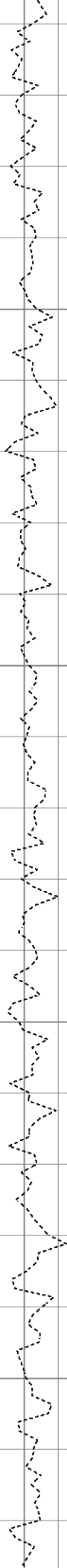
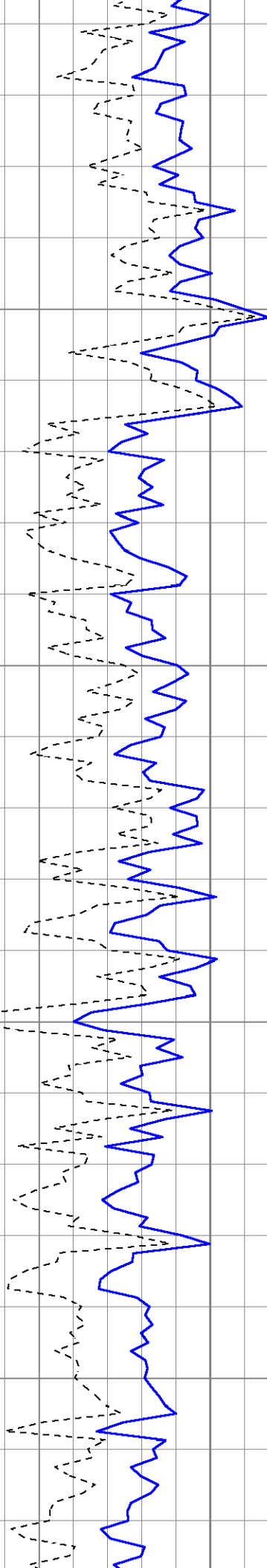


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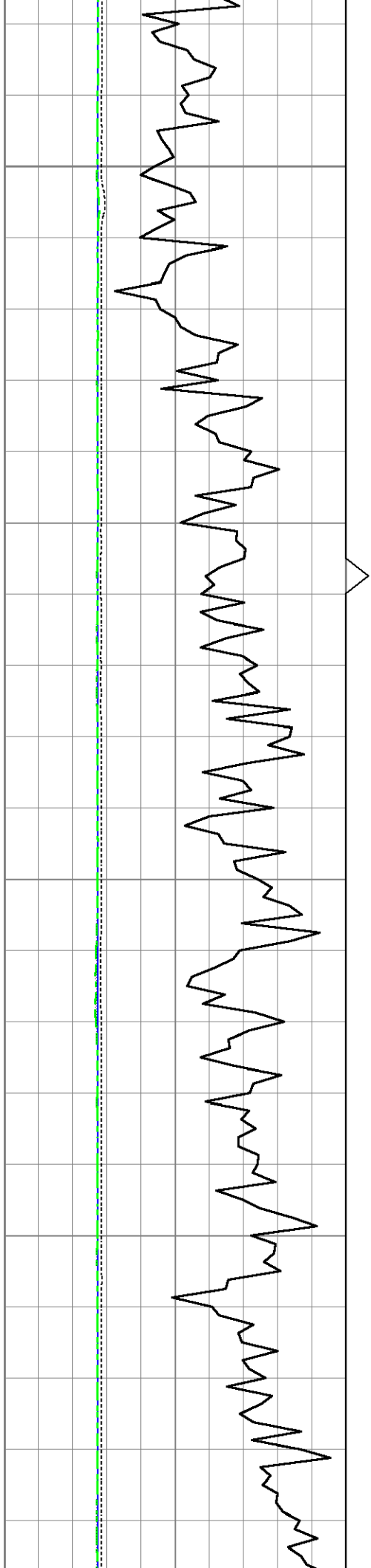
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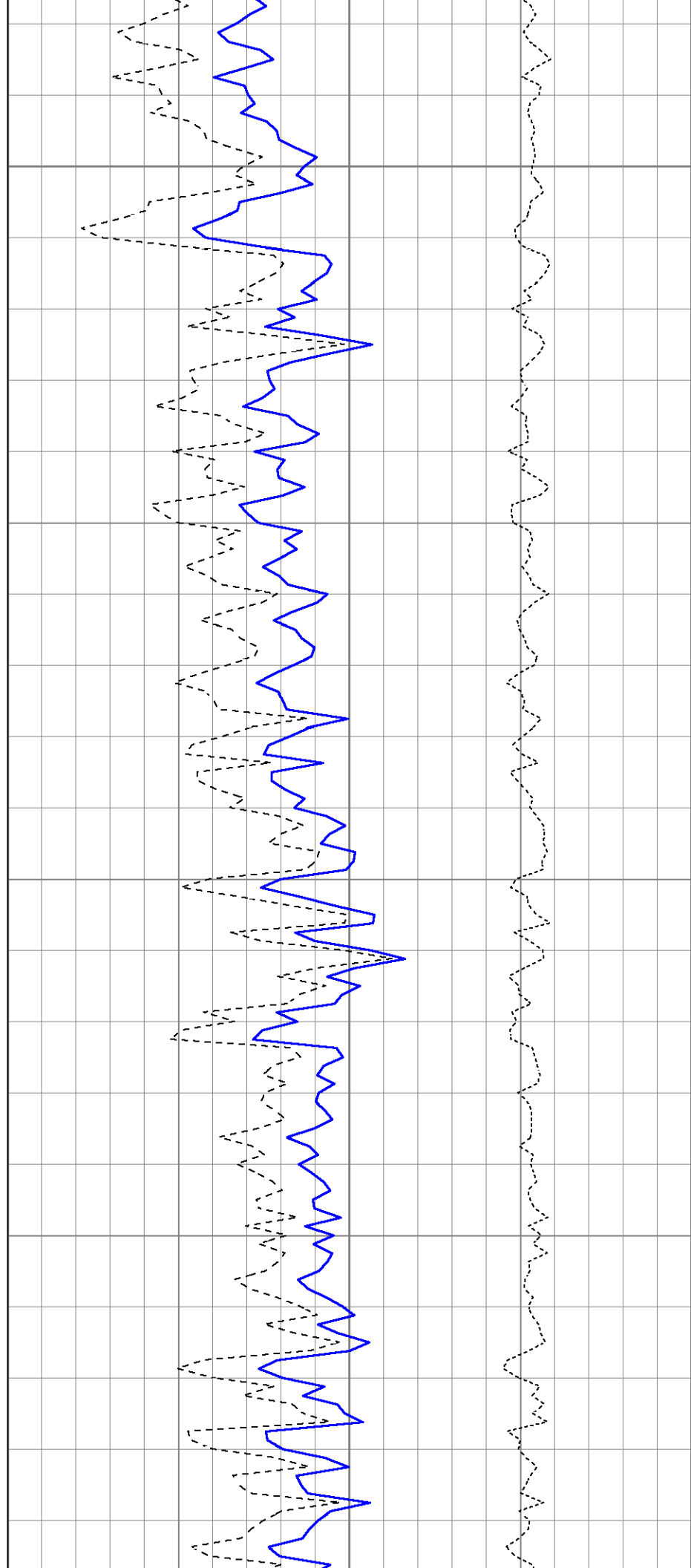


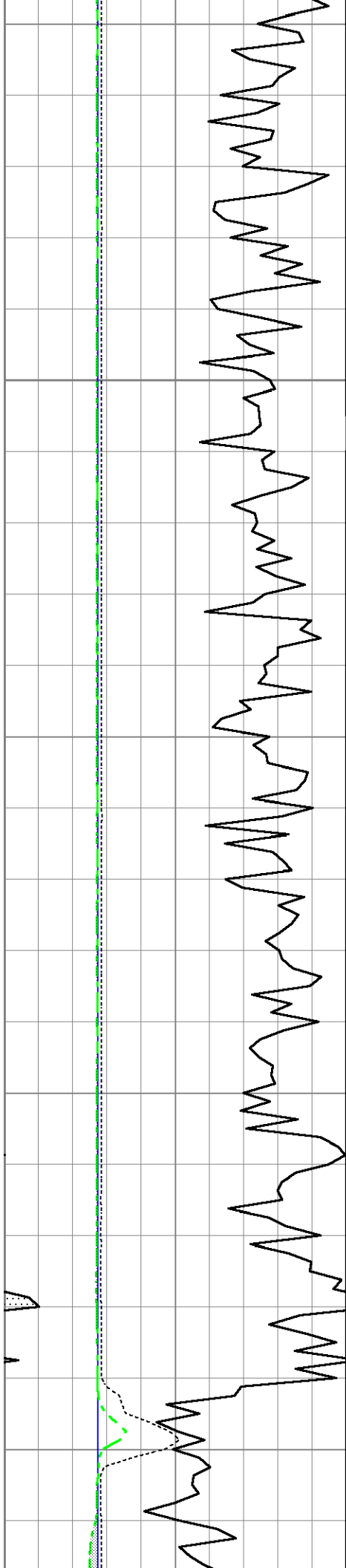
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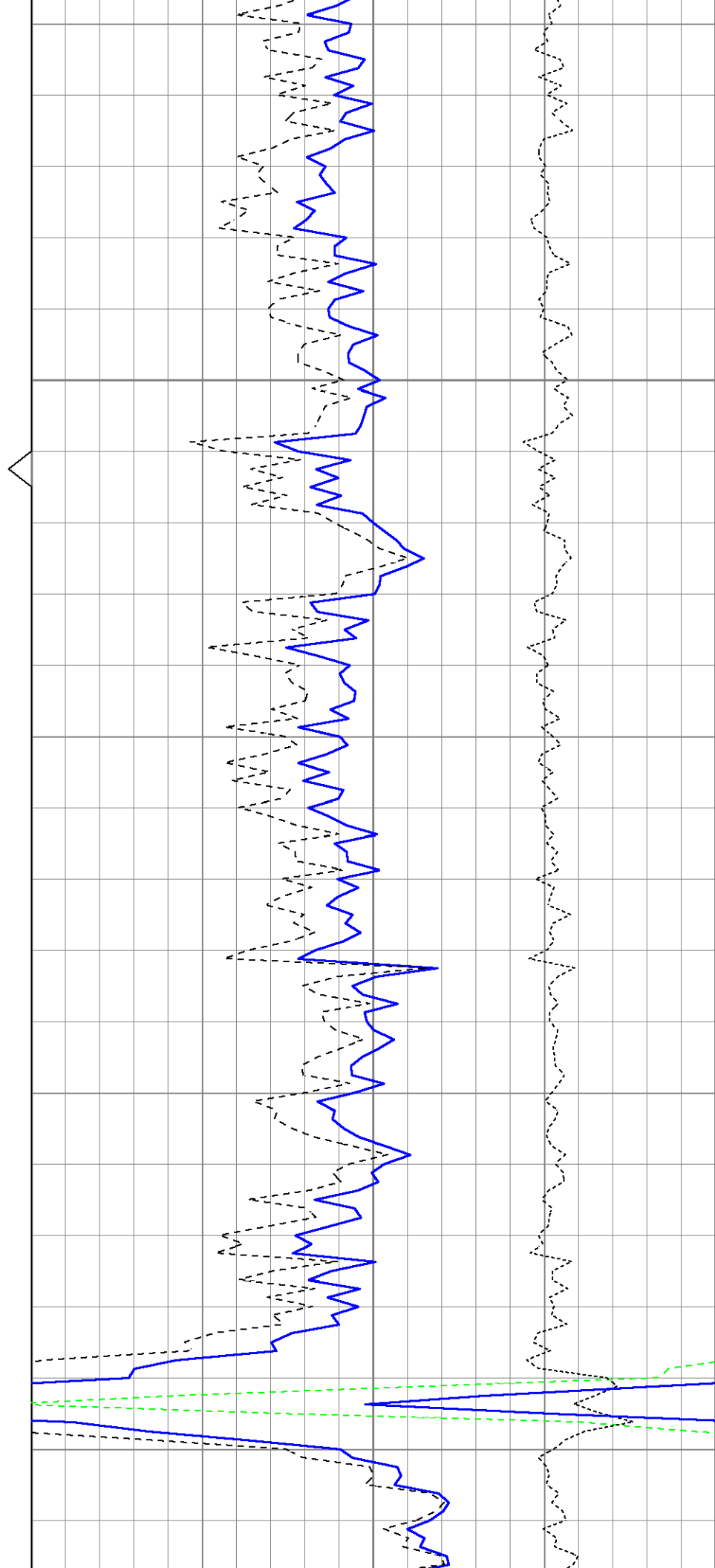
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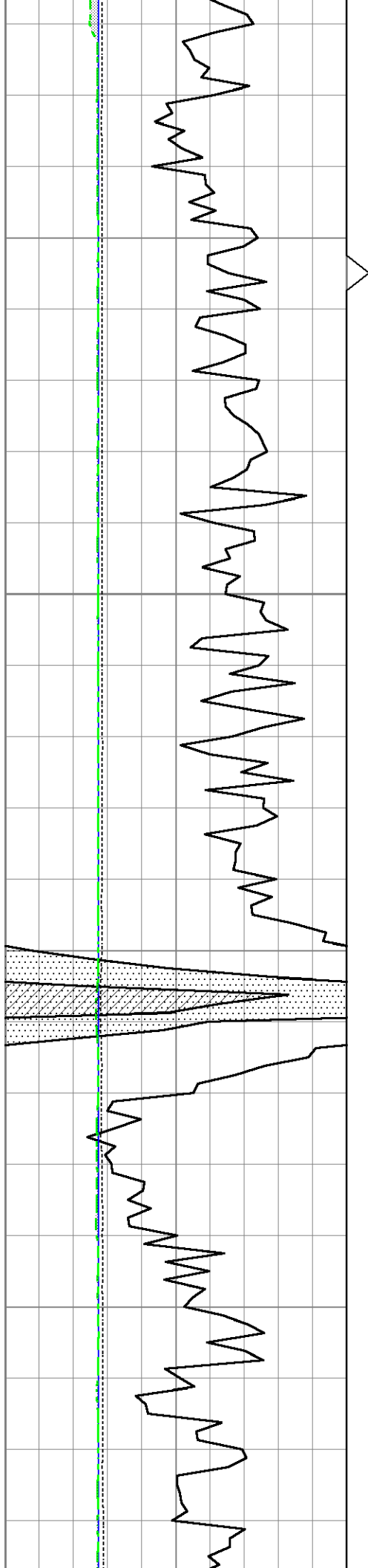
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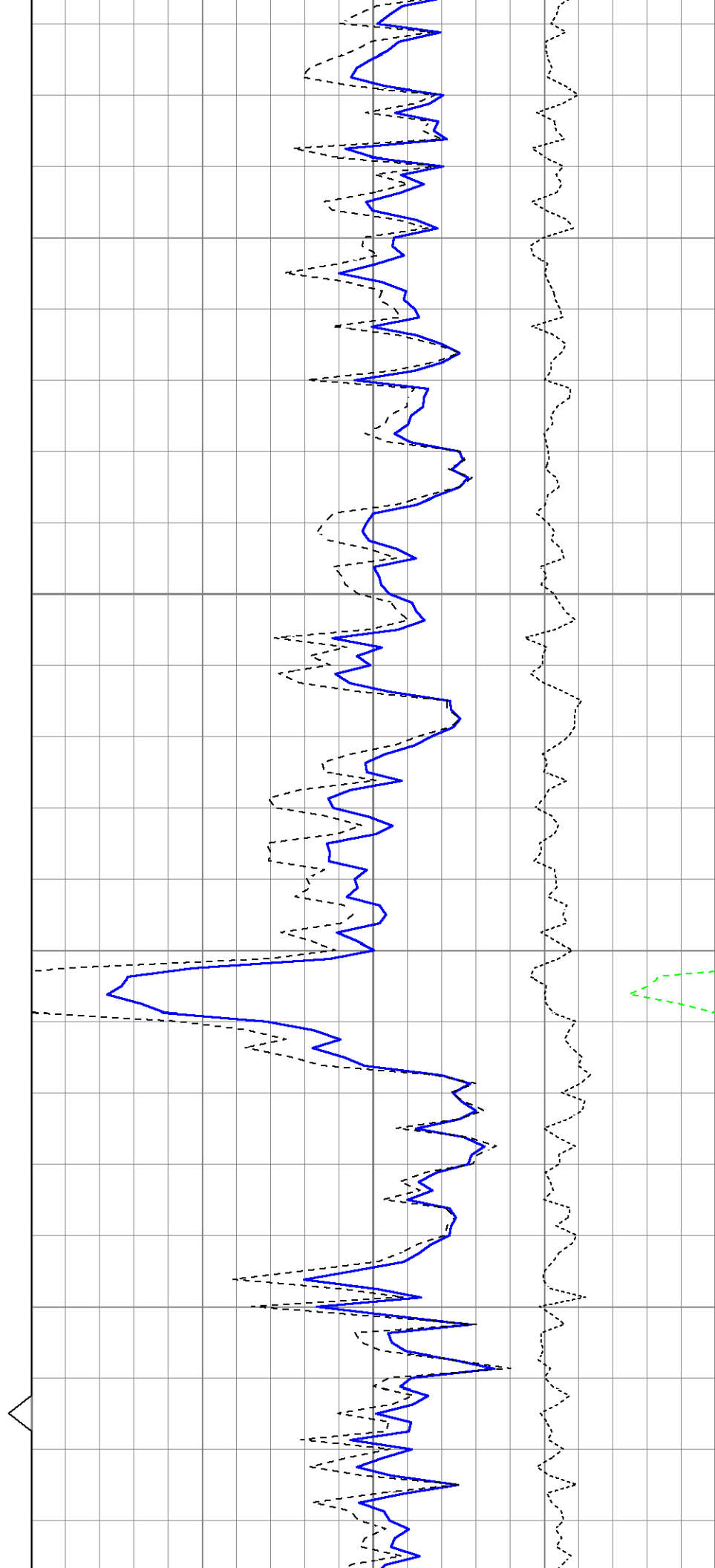


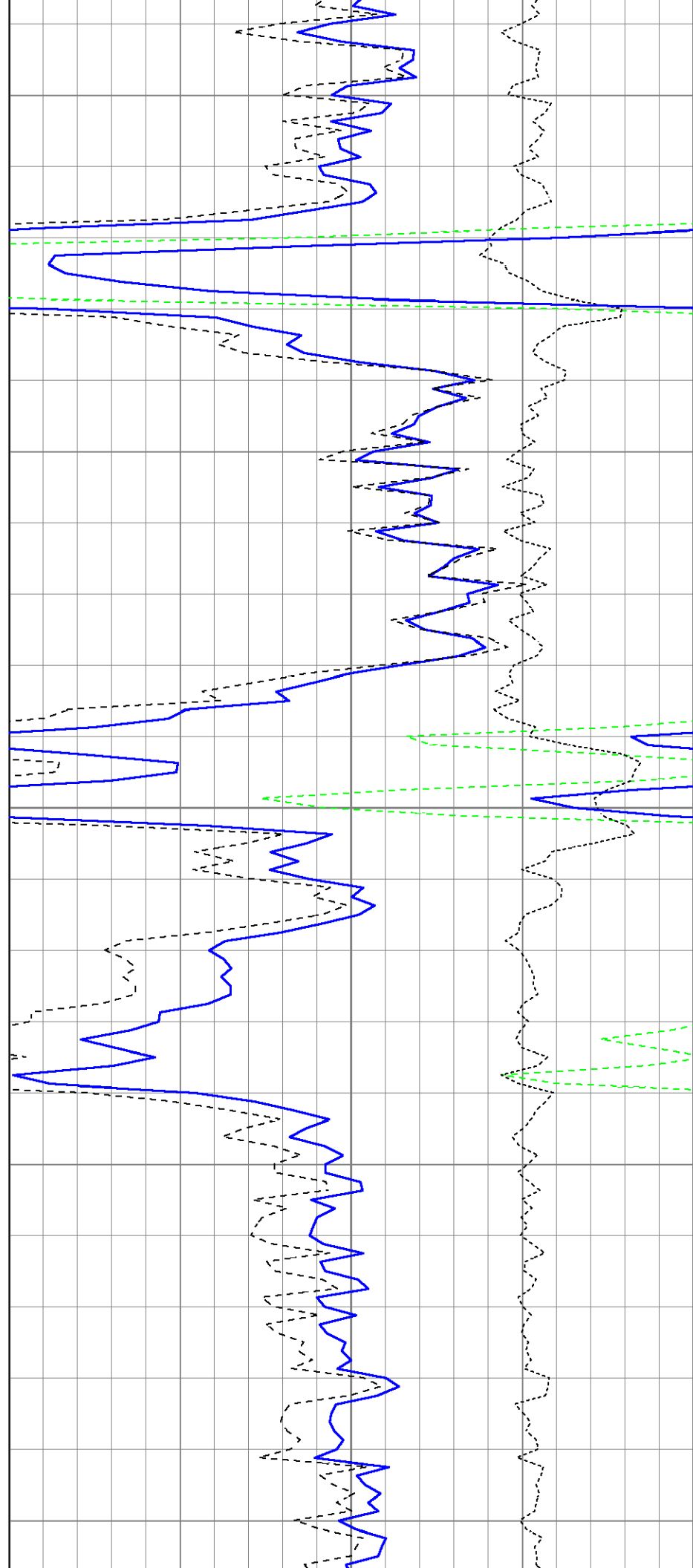
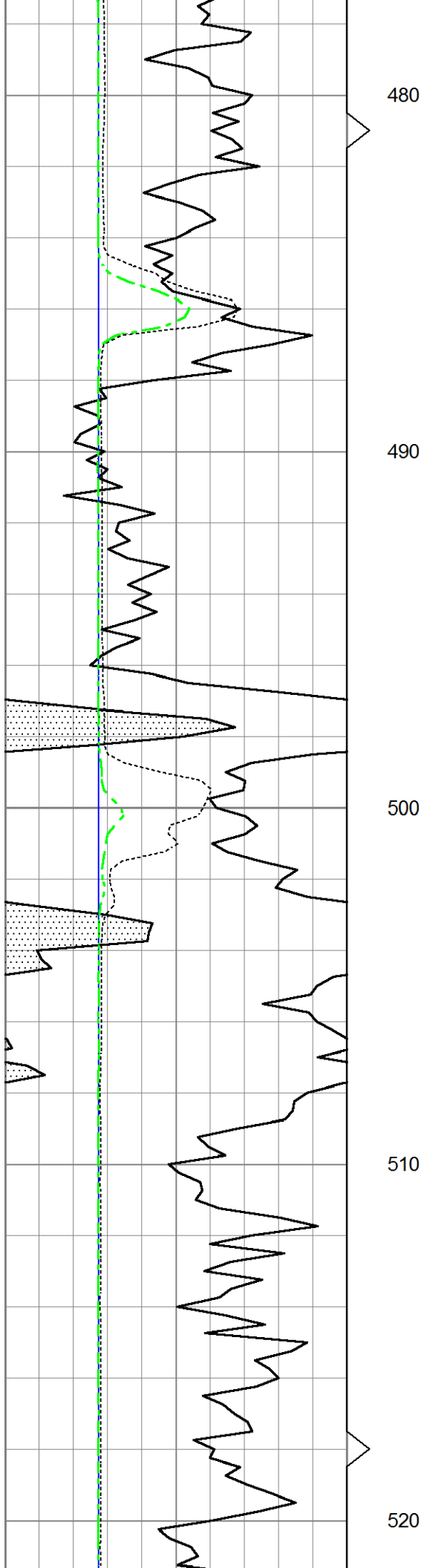
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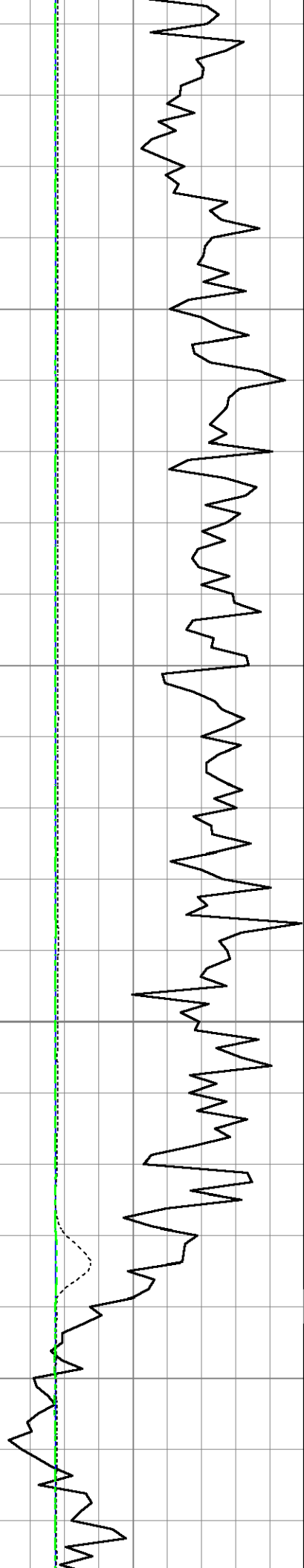
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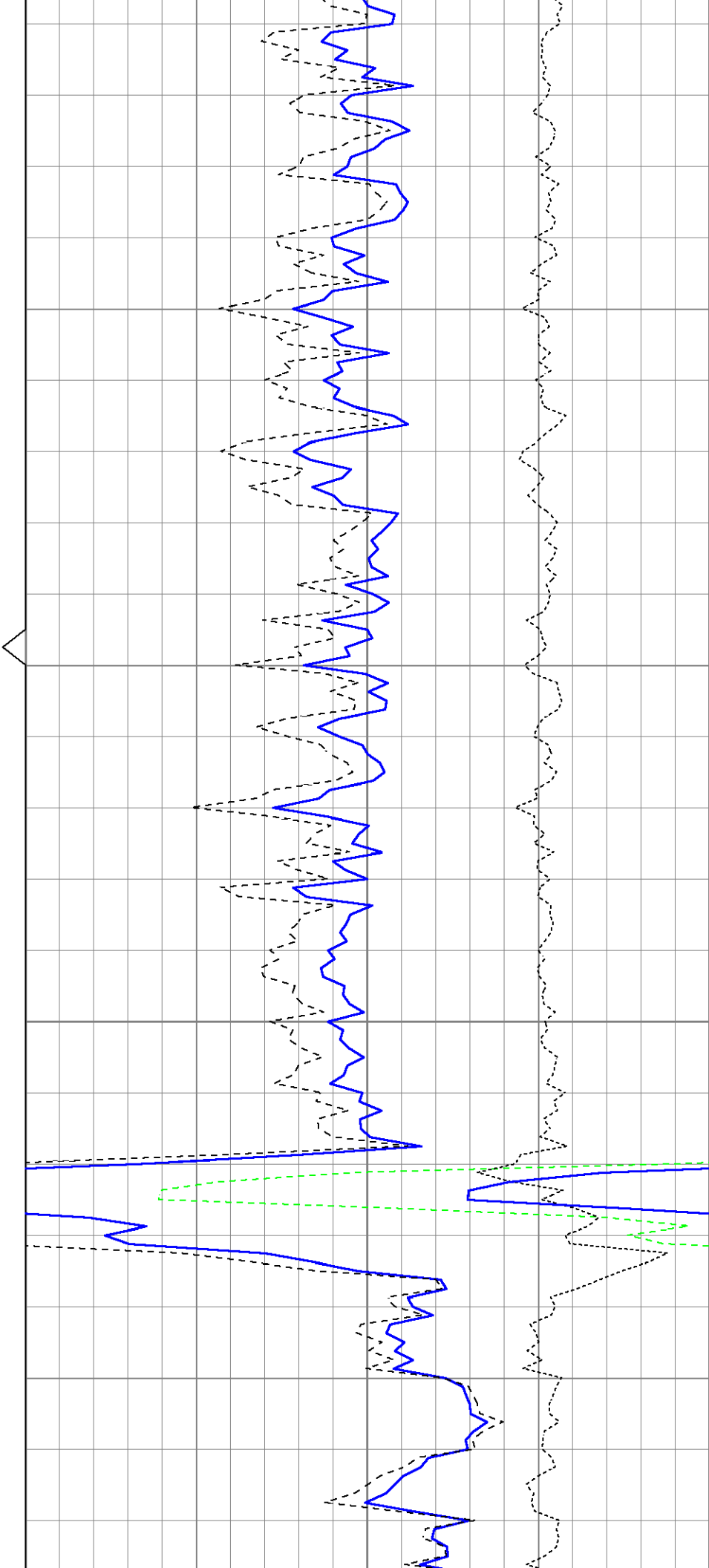


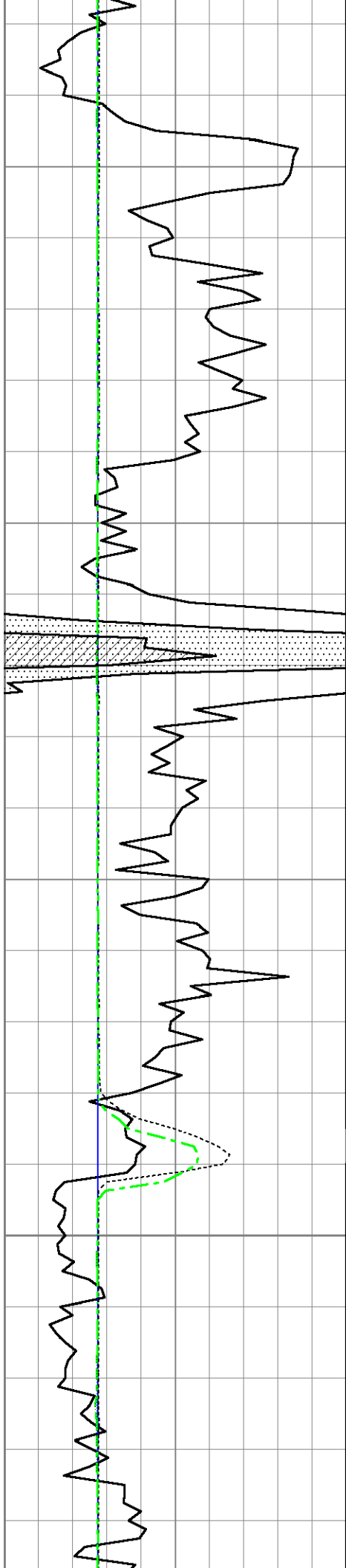
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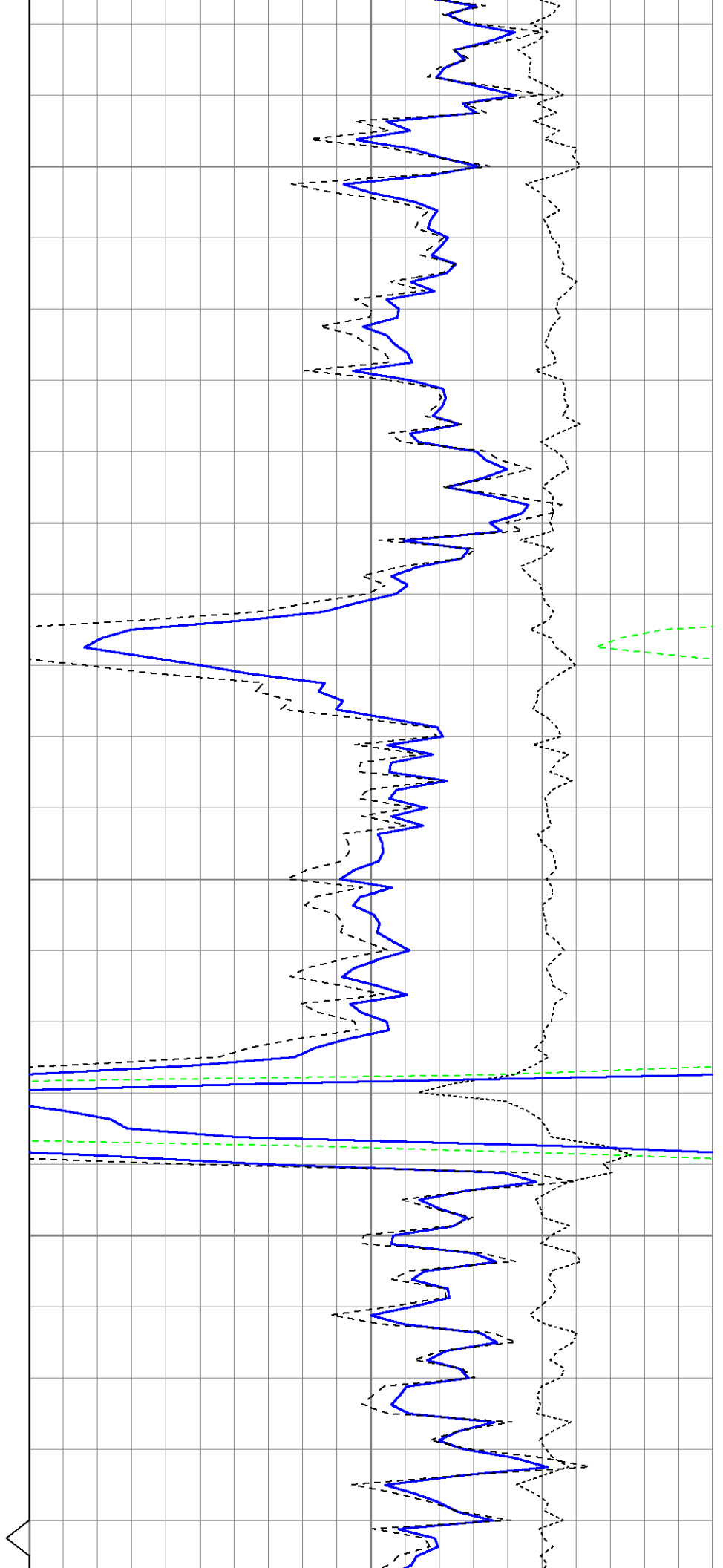


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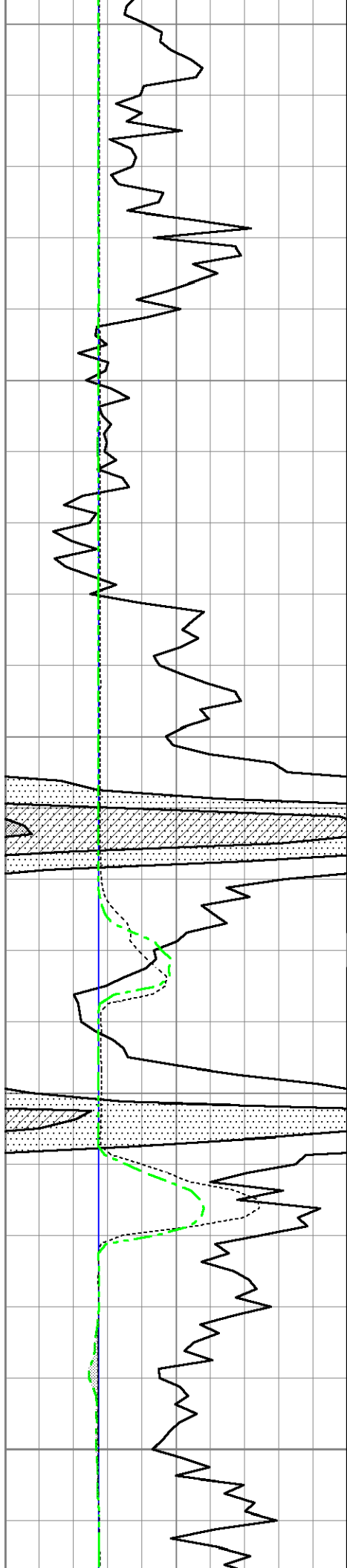
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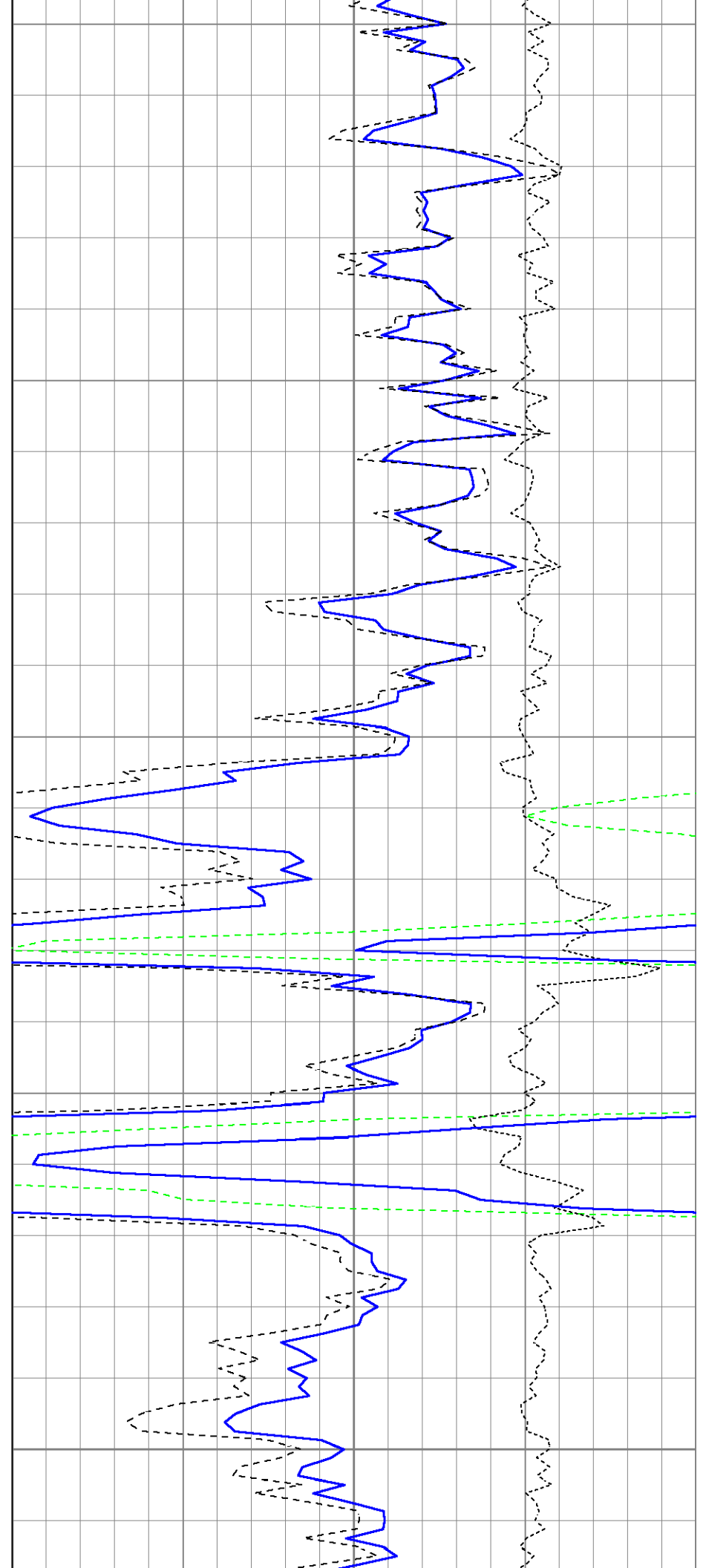
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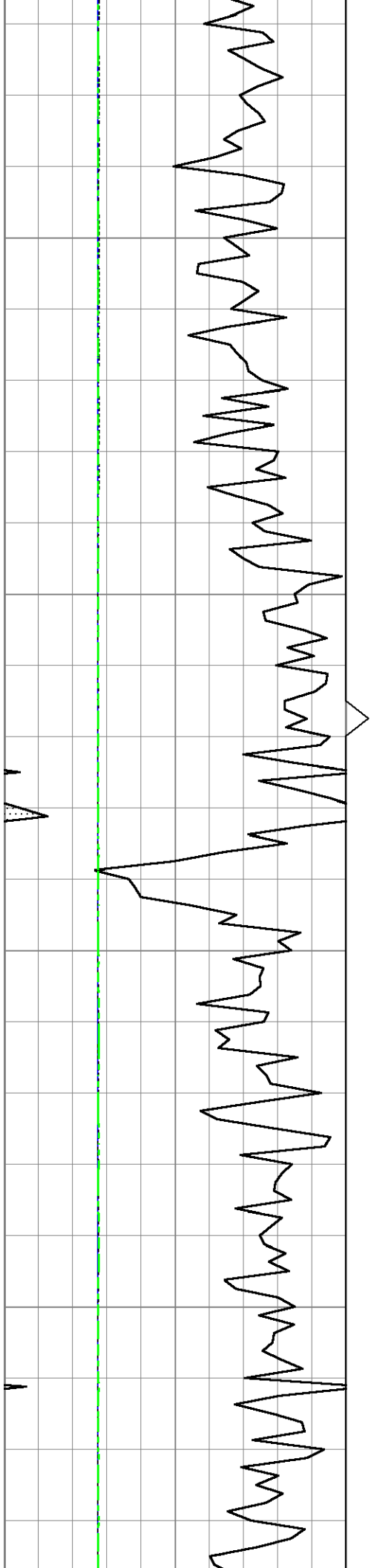
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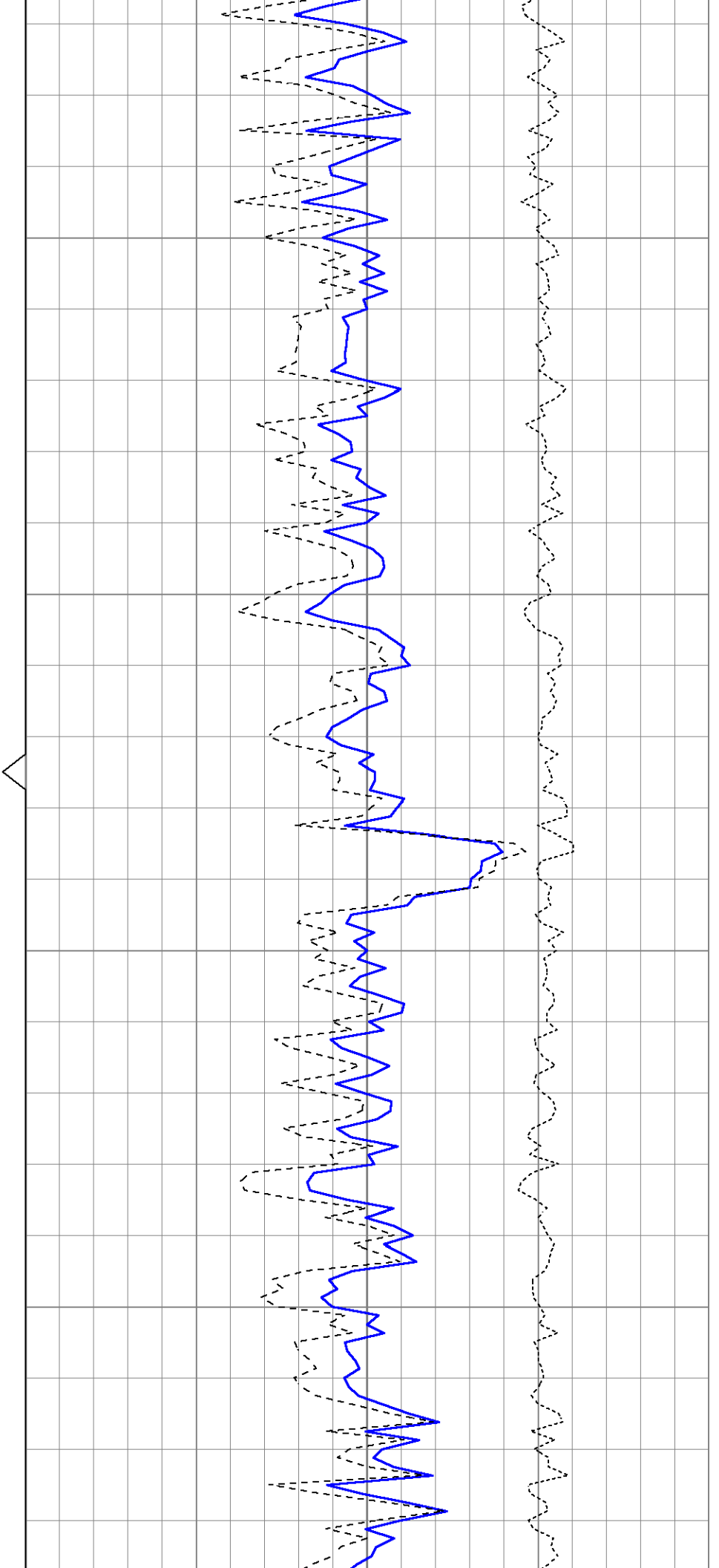


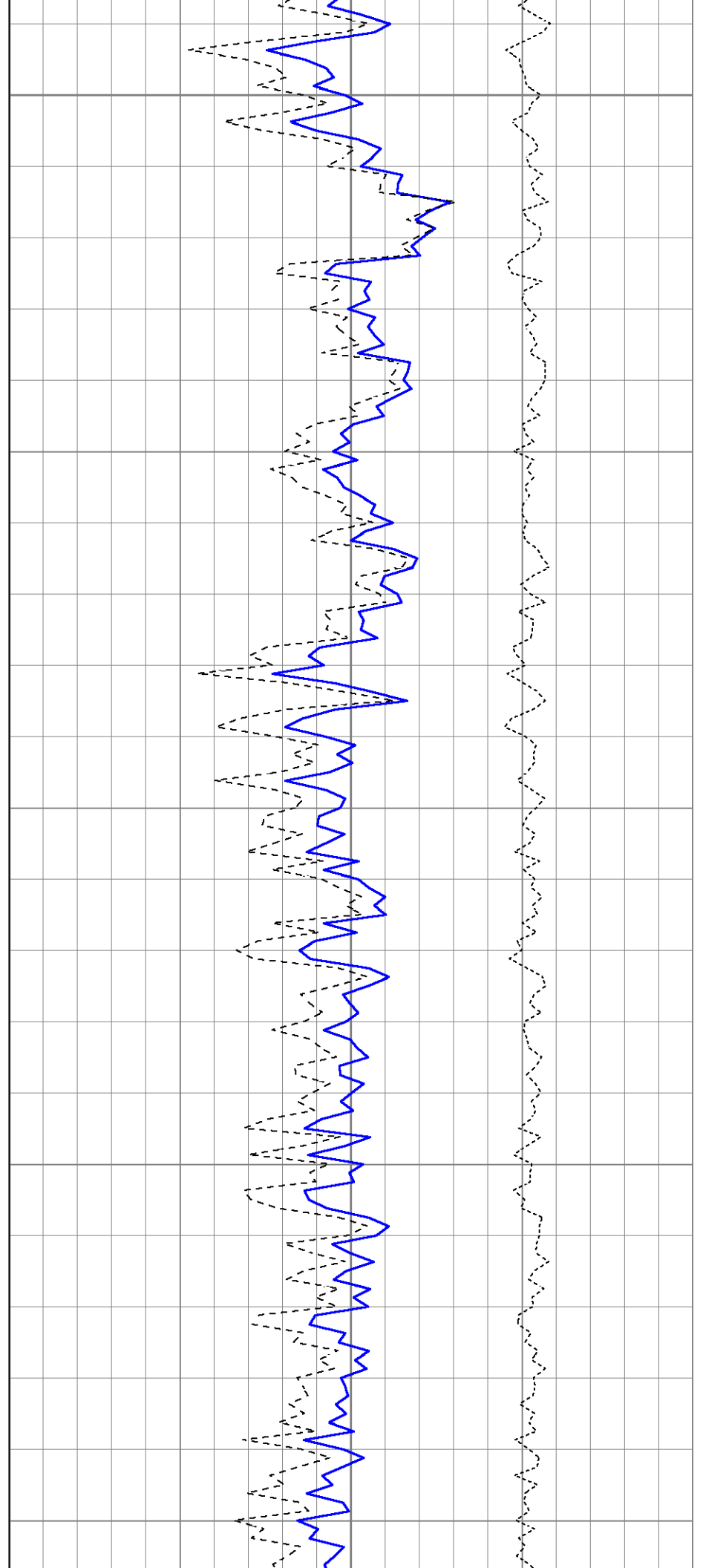
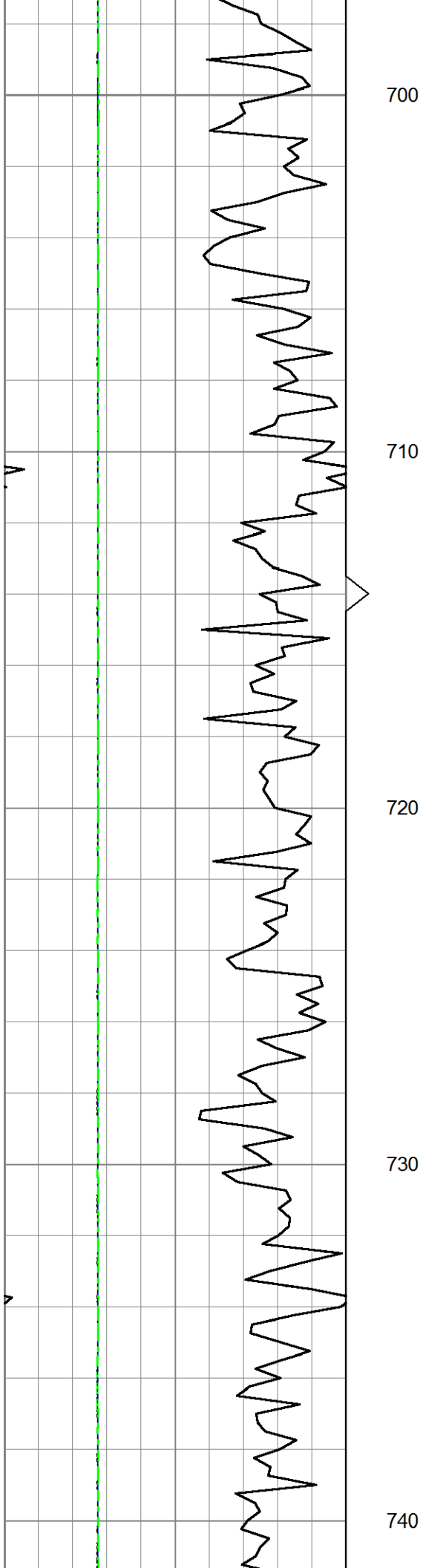
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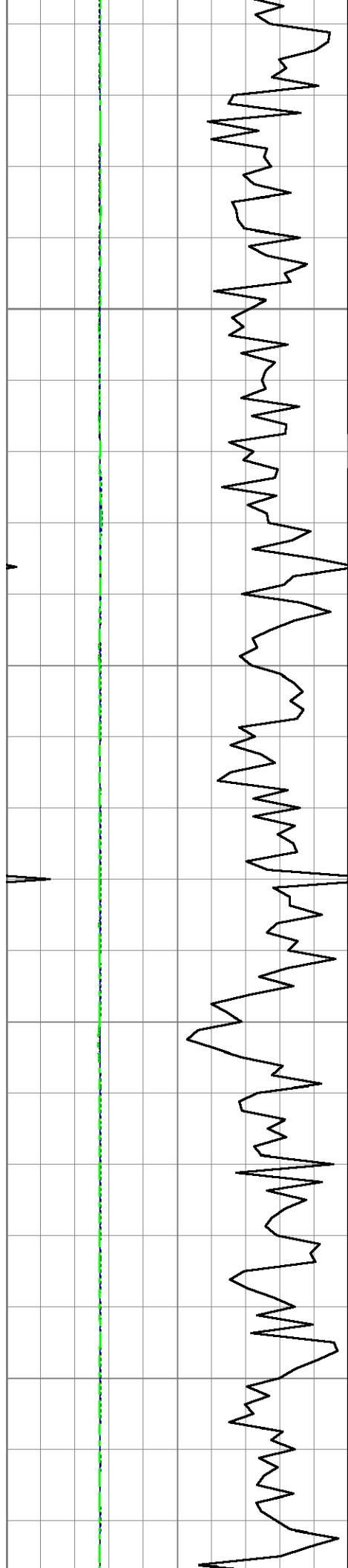
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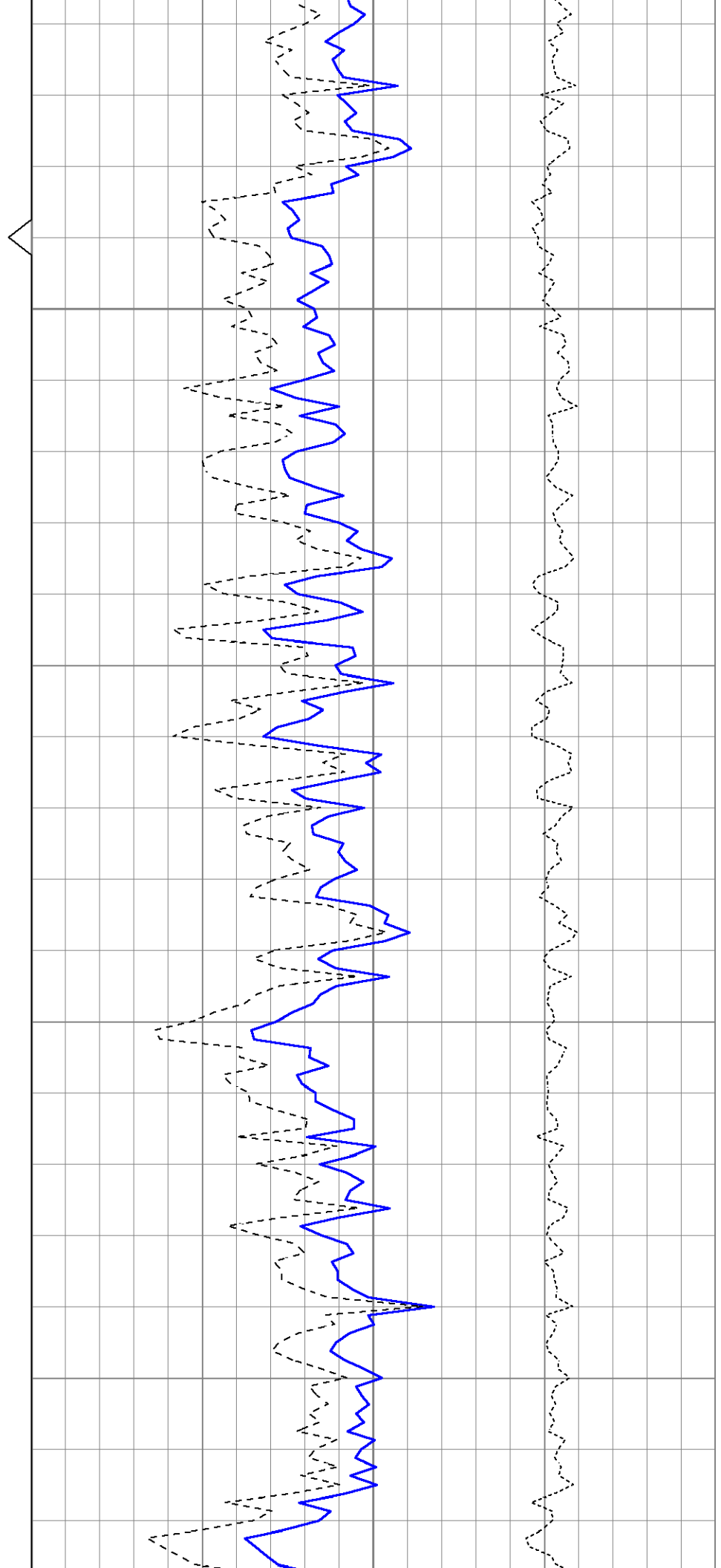


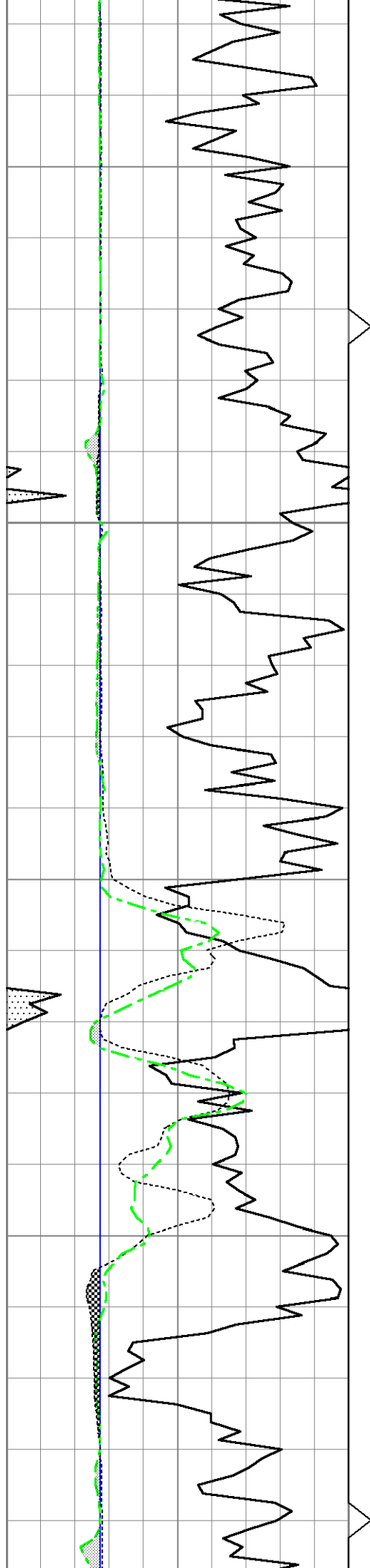
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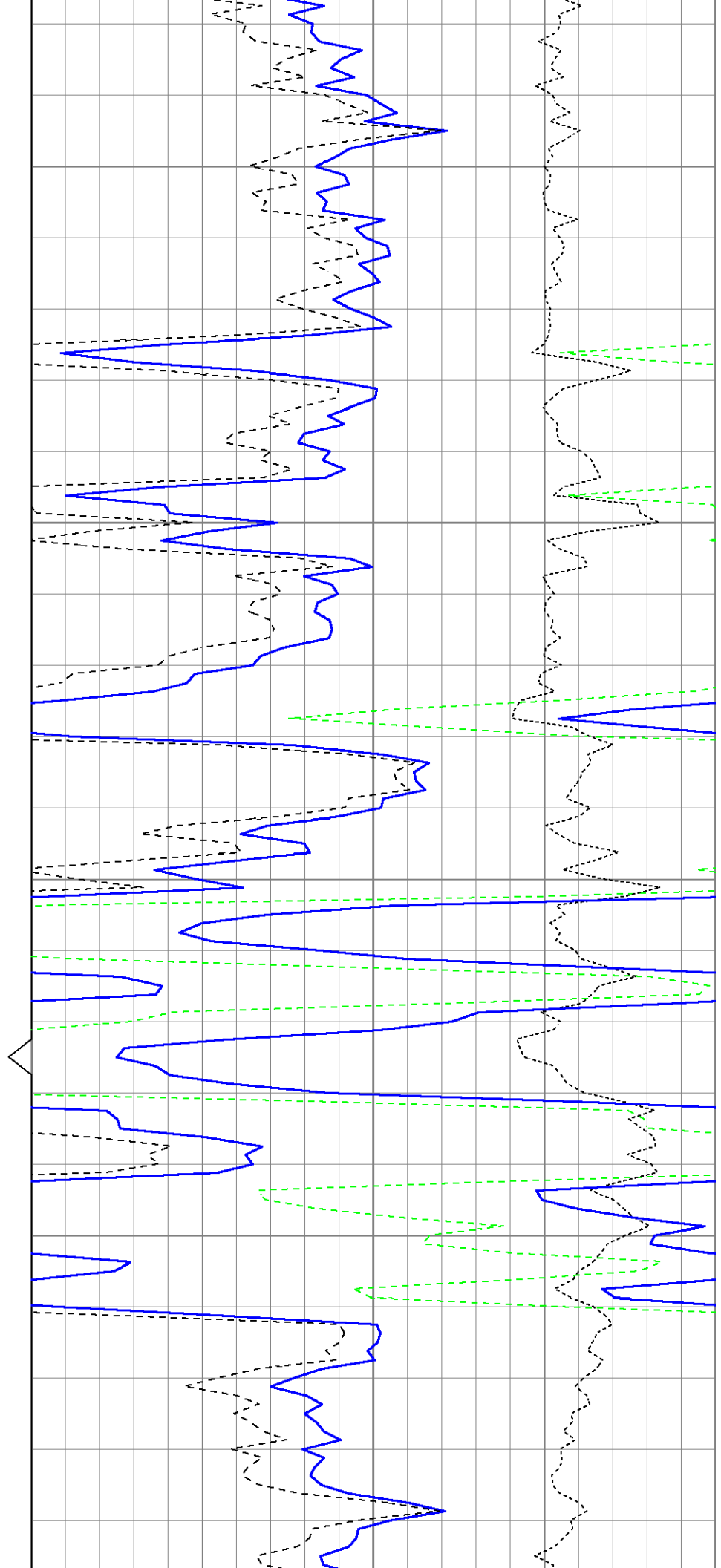


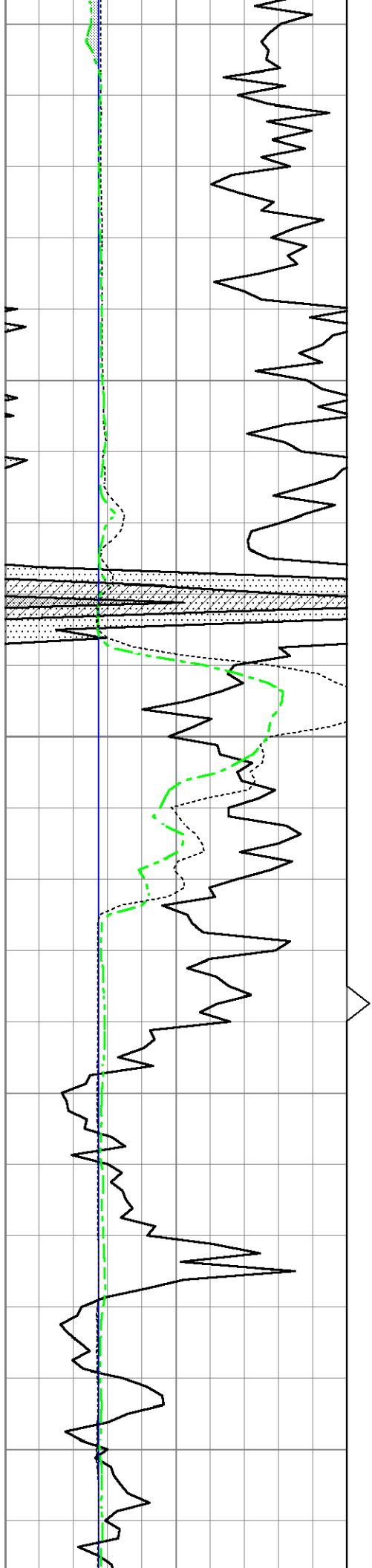
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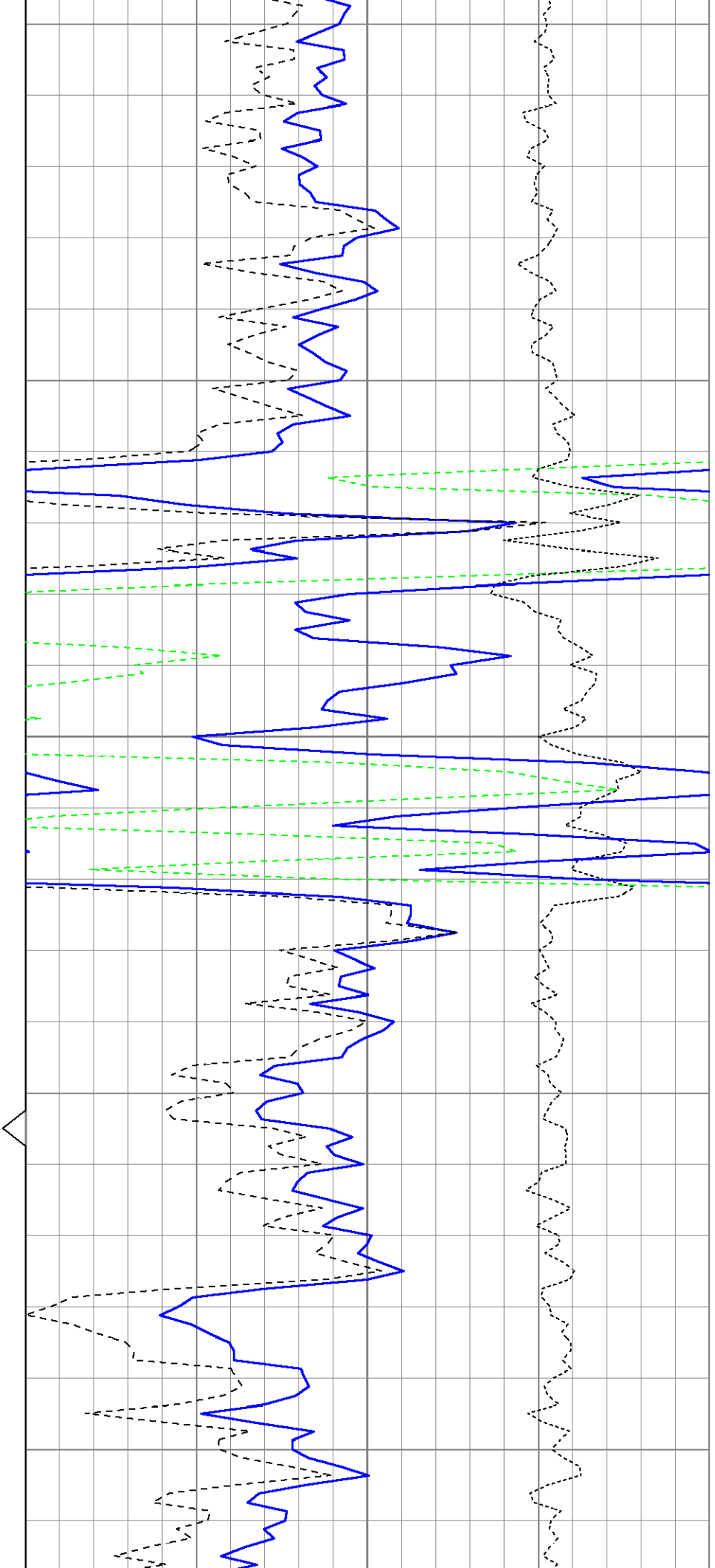
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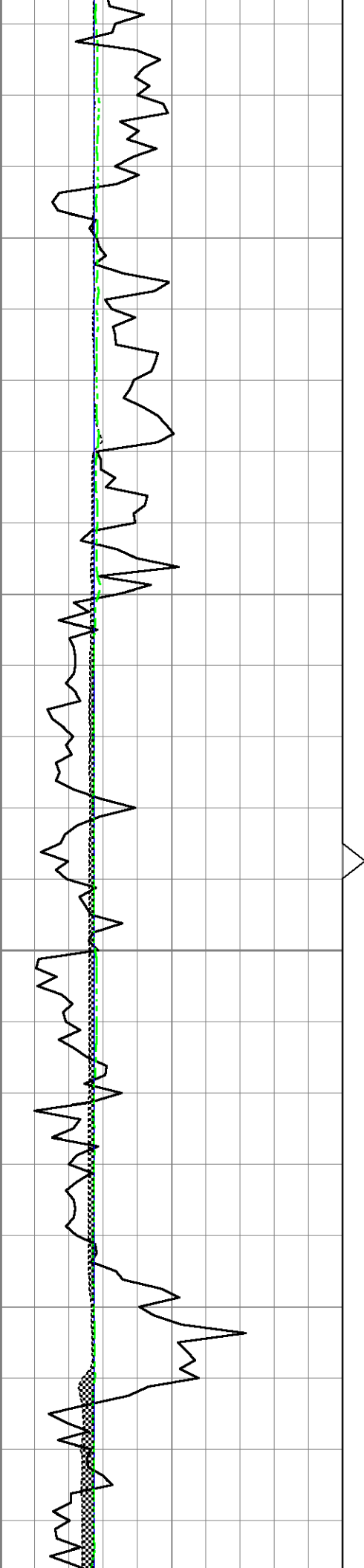
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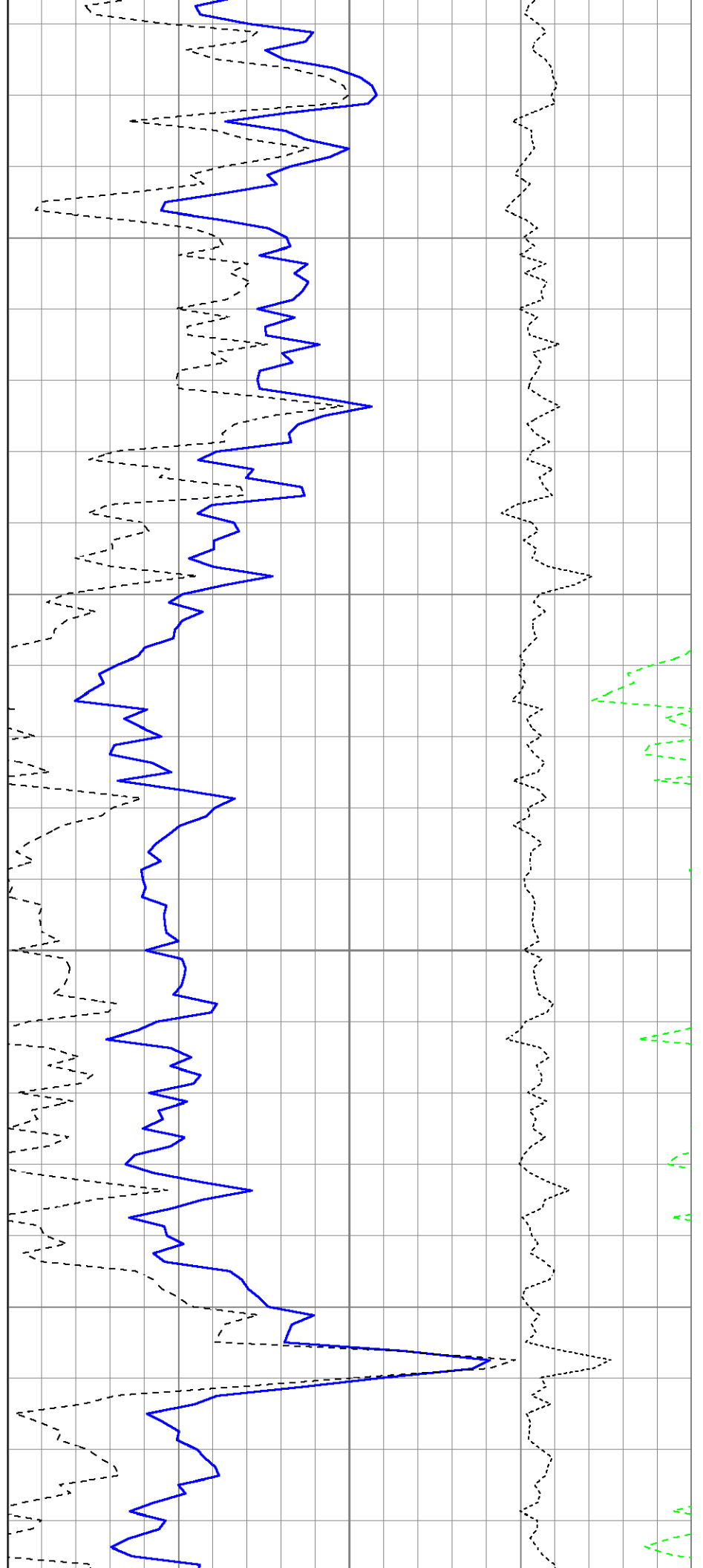


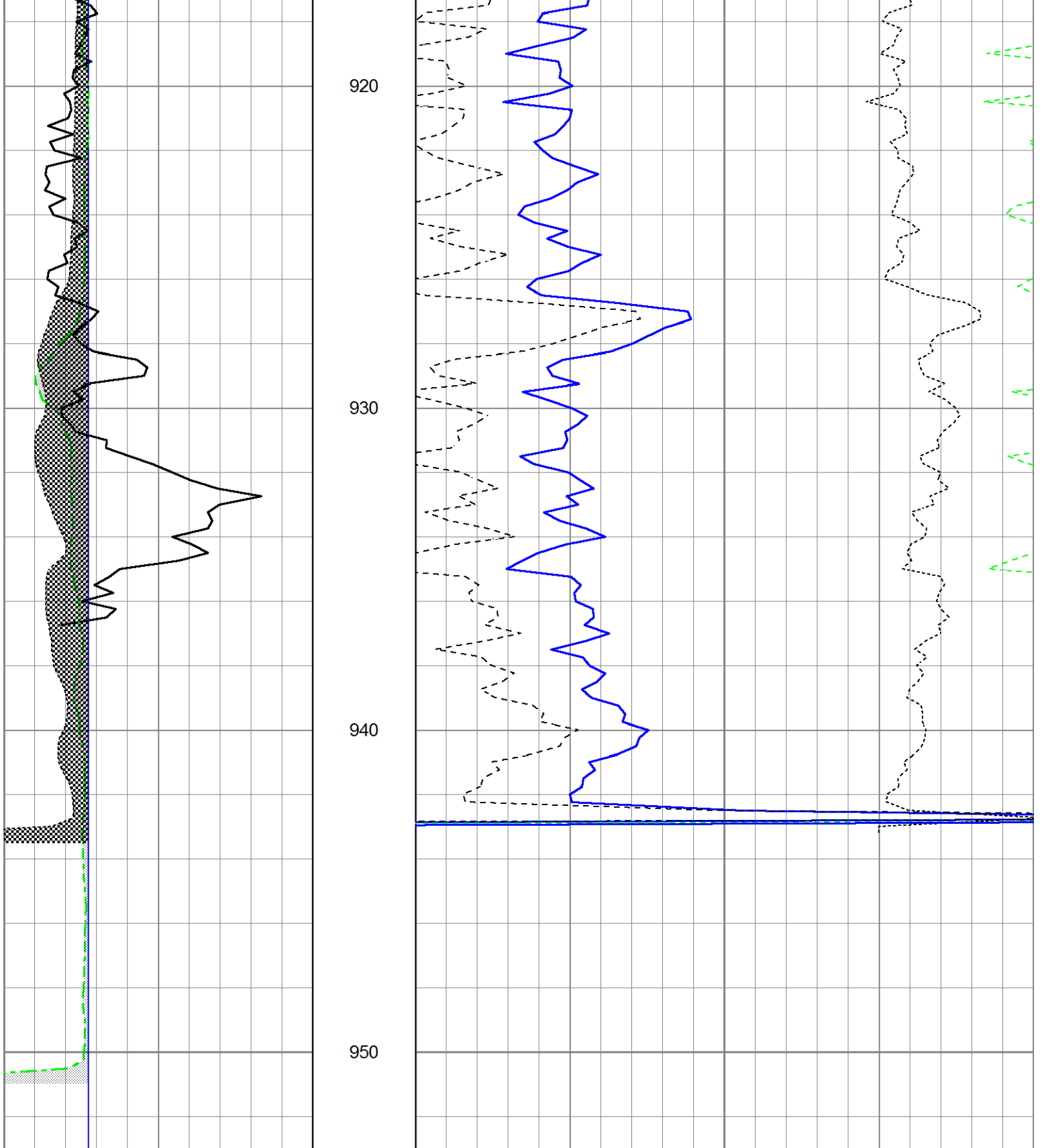
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0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3	
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10	
4	Density Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Neutron Caliper (in)	14			5000	Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Cable-CableHead	1.42	3.00	20.00

			Isolation Sub			
GR	15.60		Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD	10.22		Density-Oilex2122 (2122) Density Section	6.08	4.00	200.00
DCAL	9.94					
SSD	9.76					
			Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SCAL	2.54					
SWN	2.15					
NEU	2.15					

Dataset: ow1-8658 colt energy.db: field/well/CDL/pass1  
 Total length: 18.15 ft  
 Total weight: 445.00 lb  
 O.D.: 4.00 in