



# COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company COLT ENERGY, INC.

Well KNOBLE # KE-3

Field

County ALLEN

State KANSAS

API #: 15-001-30829-0000

935' FSL & 495' FWL

SEC 4 TWP 24S RGE 18E

DIL

Company COLT ENERGY, INC.  
Well KNOBLE # KE-3  
Field  
County ALLEN  
State KANSAS

Location: Permanent Datum GL Elevation 1010'  
Log Measured From GL  
Drilling Measured From GL  
SEC 4 TWP 24S RGE 18E  
SW/4  
935' FSL & 495' FWL  
Other Services  
Elevation 1010'  
K.B. ---  
D.F. ---  
G.L. 1010'

Date	5-02-2014
Run Number	ONE
Depth Driller	1092'
Depth Logger	1066'
Bottom Logged Interval	1064'
Top Log Interval	SURFACE
Casing Driller	8 5/8" @ 21.40'
Casing Logger	8 5/8" @ 21.40'
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

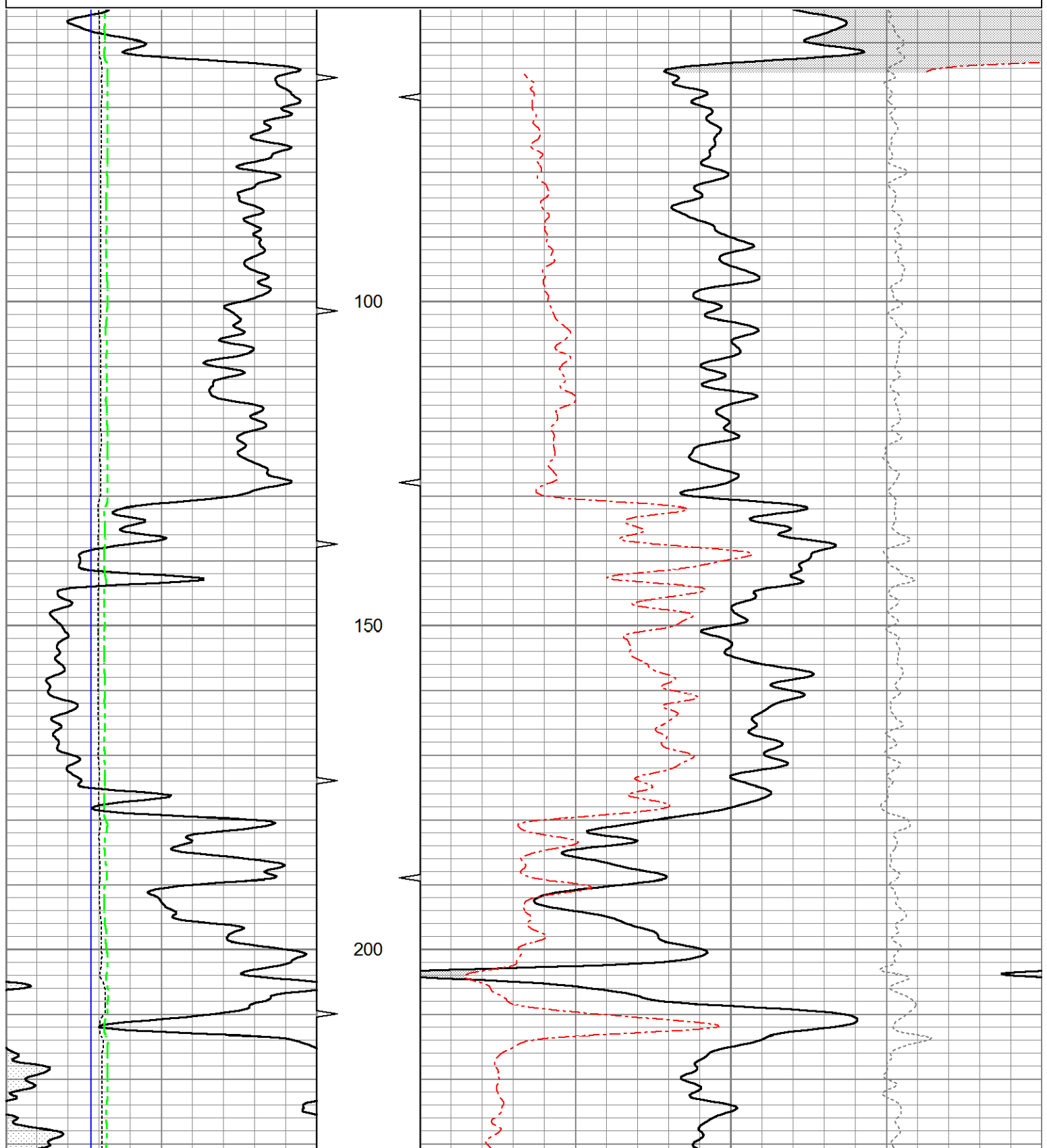
OW1-8634  
MATRIX LIMESTONE 2.71g/cc  
ABHV COMPUTED WITH 4 1/2" CASING  
  
CREW : SHAMBLES

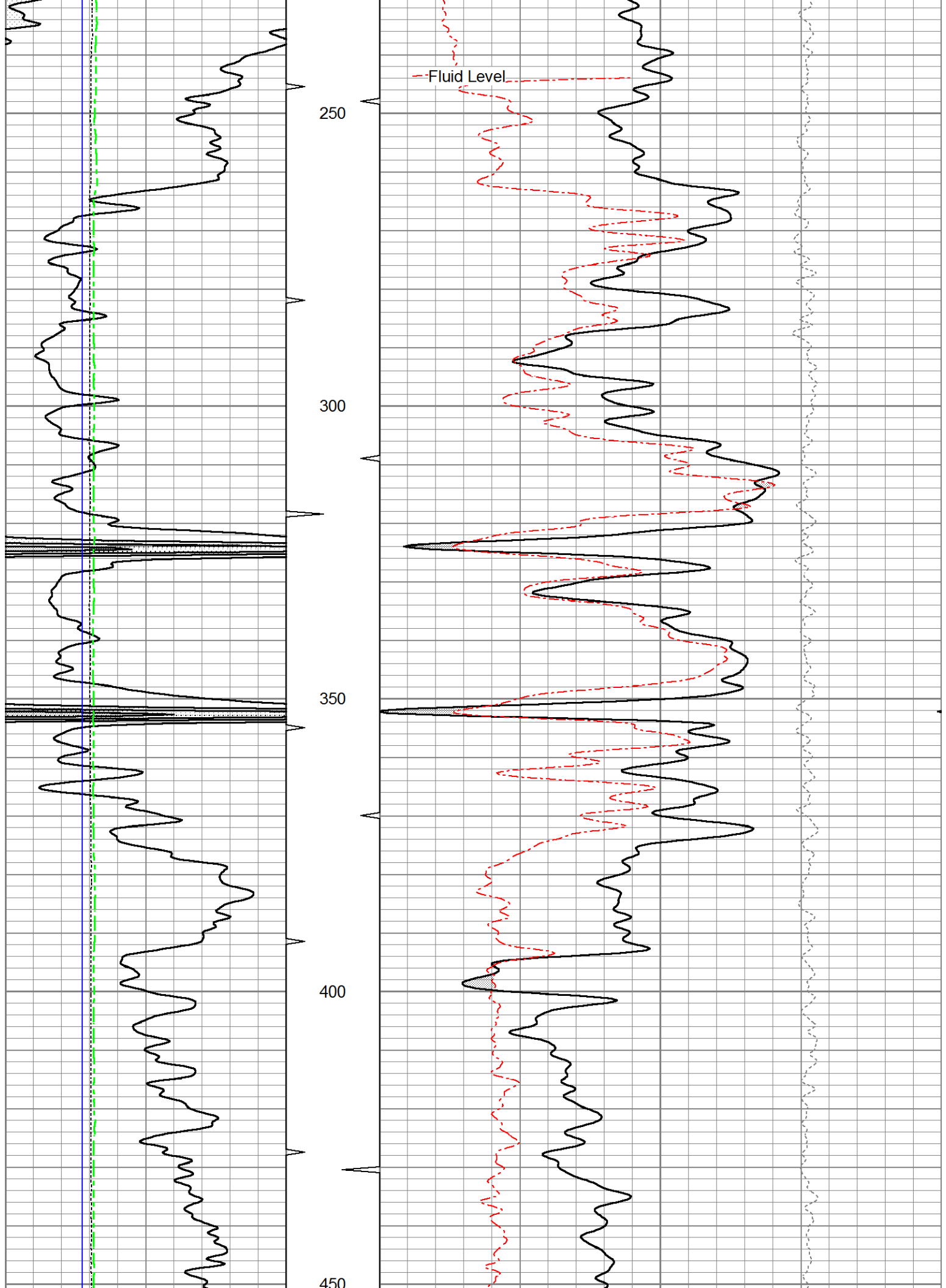


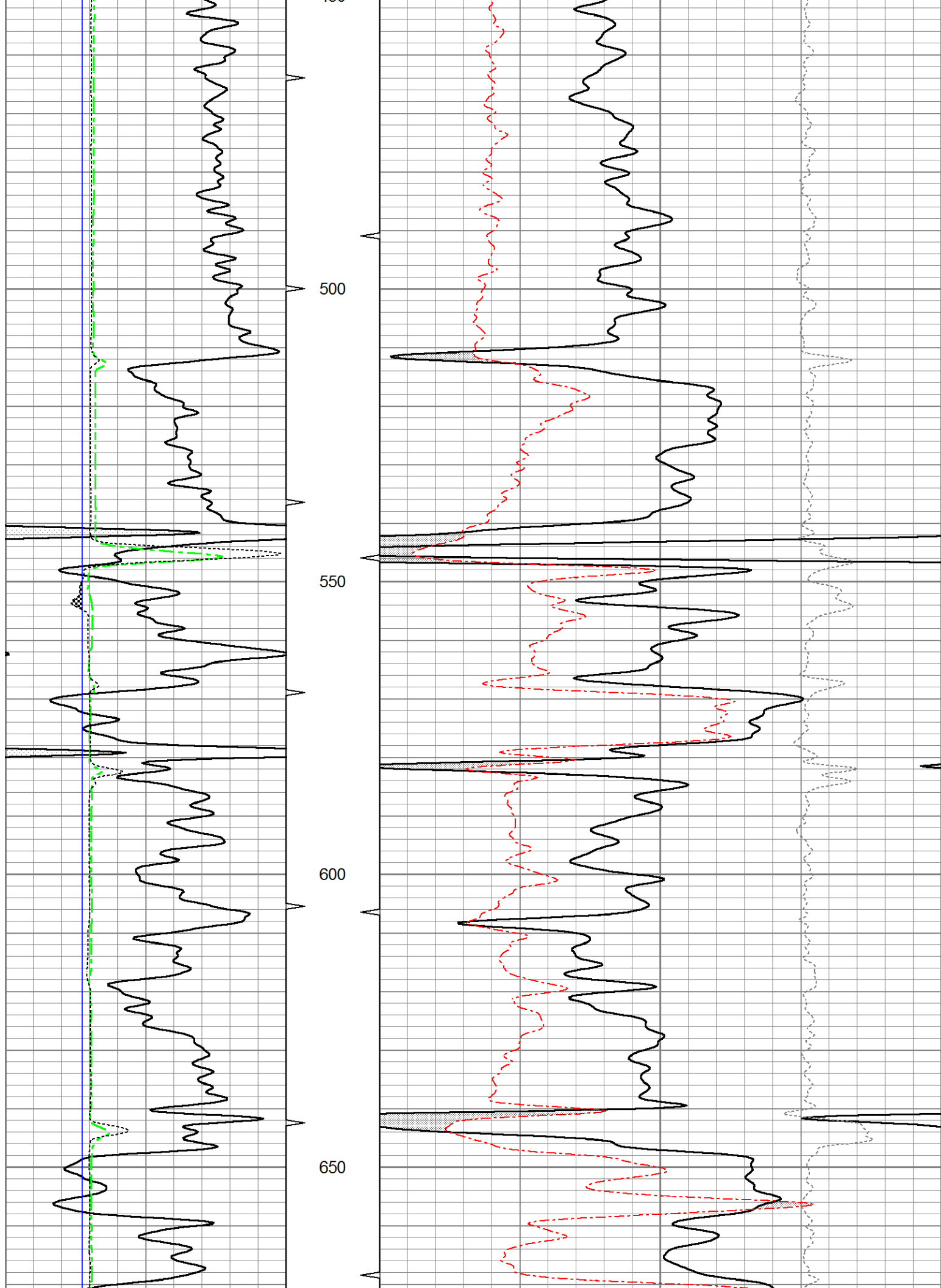
# 5" CDL/SWN SECTION

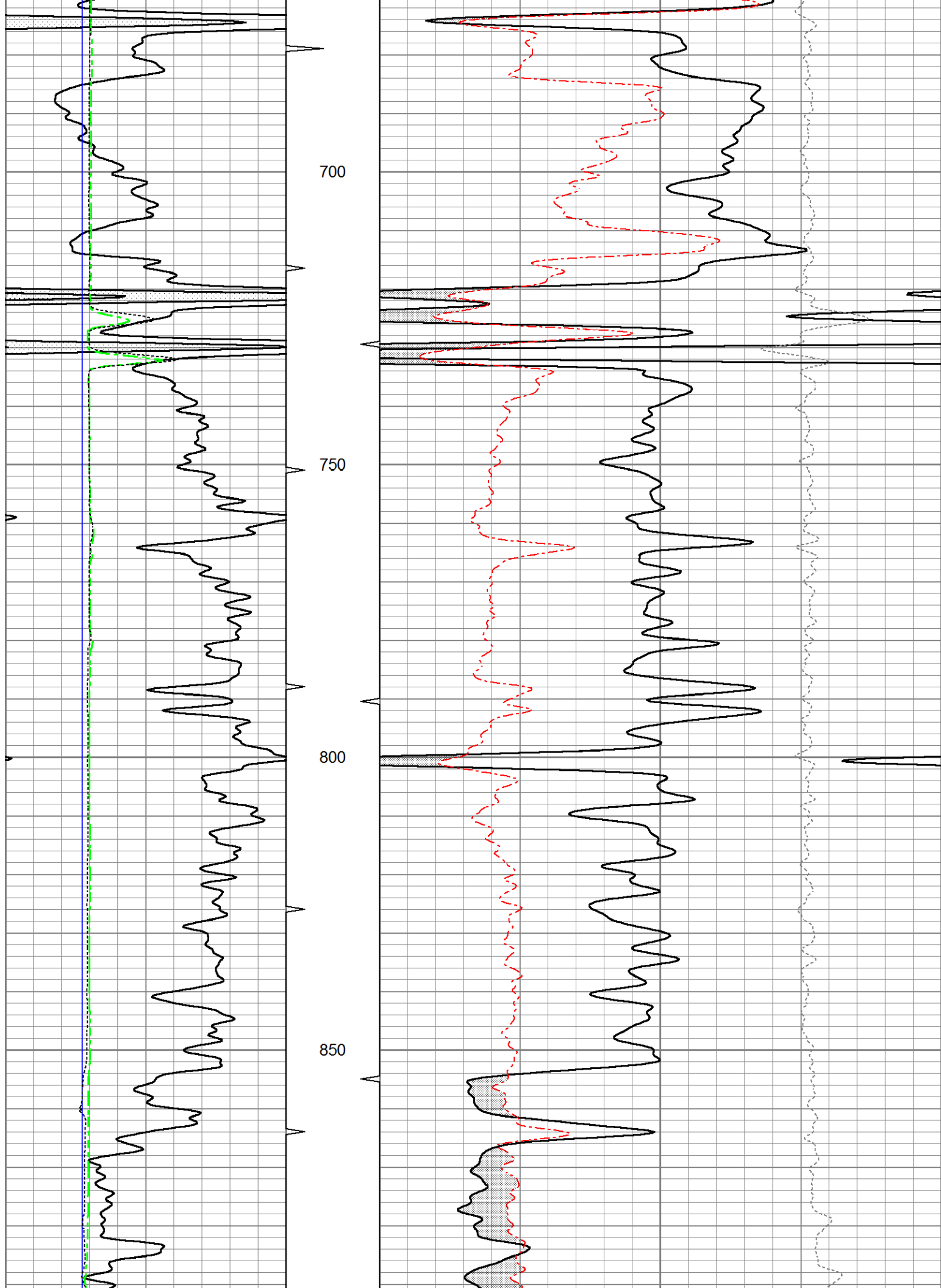
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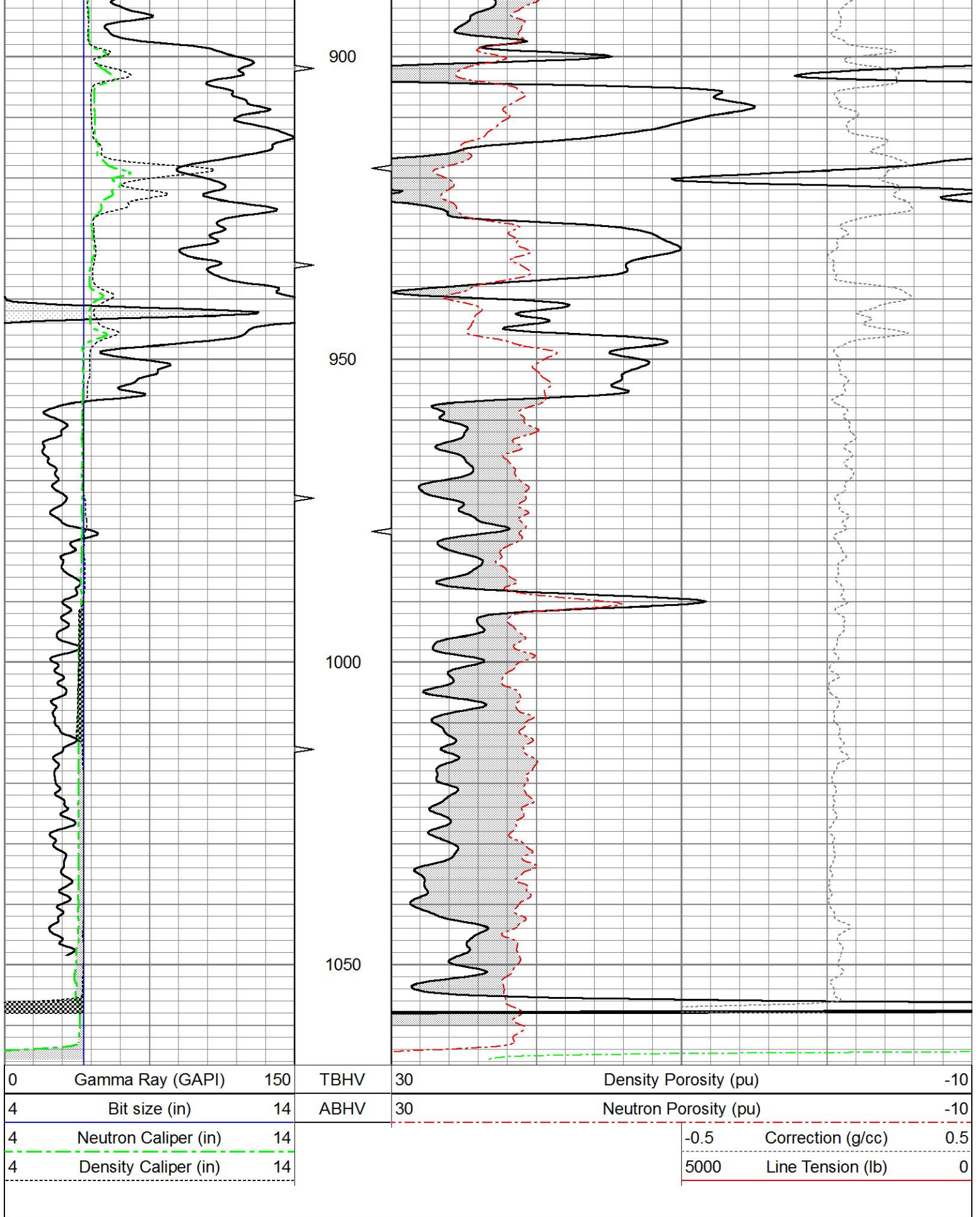
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0







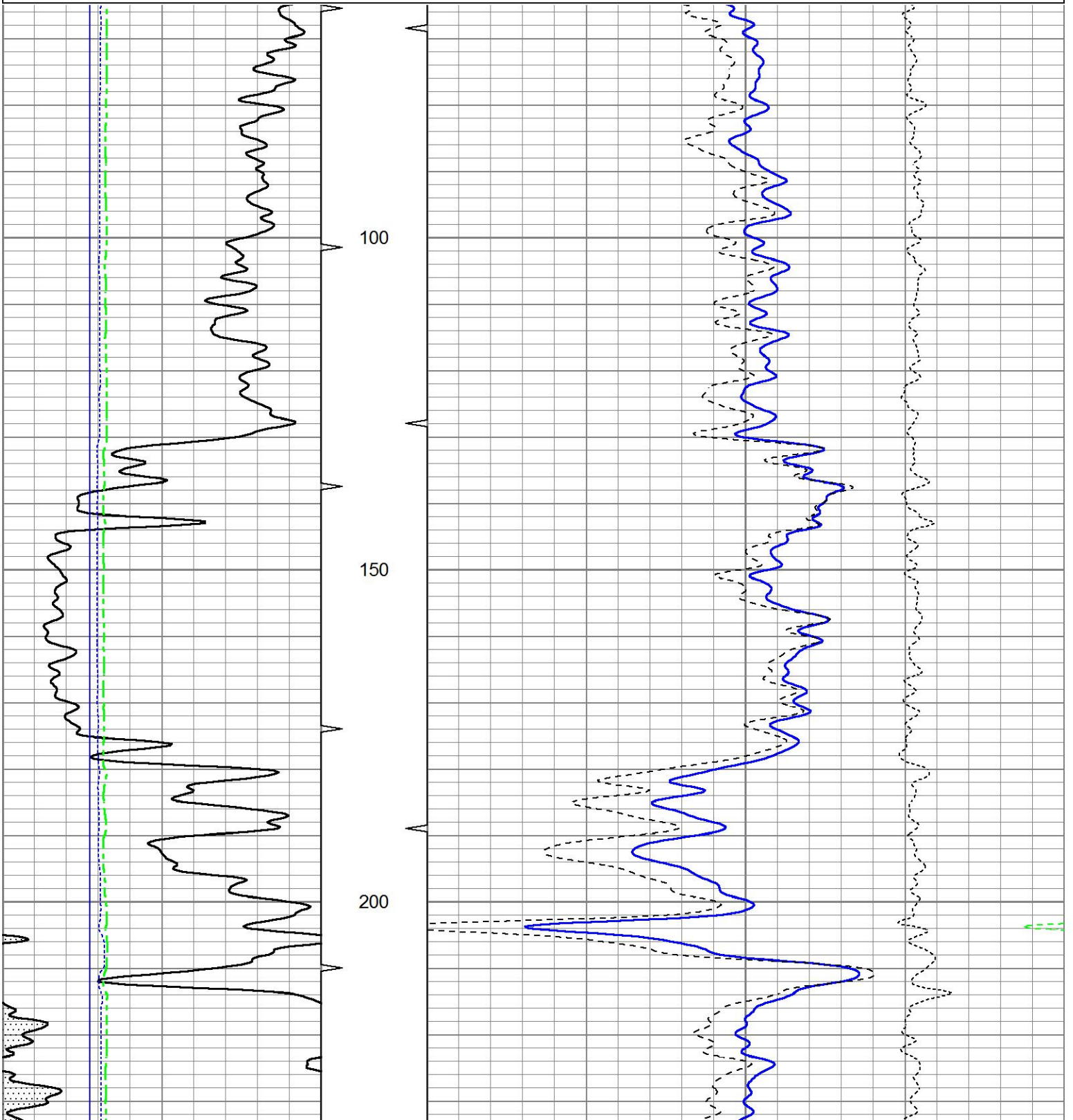


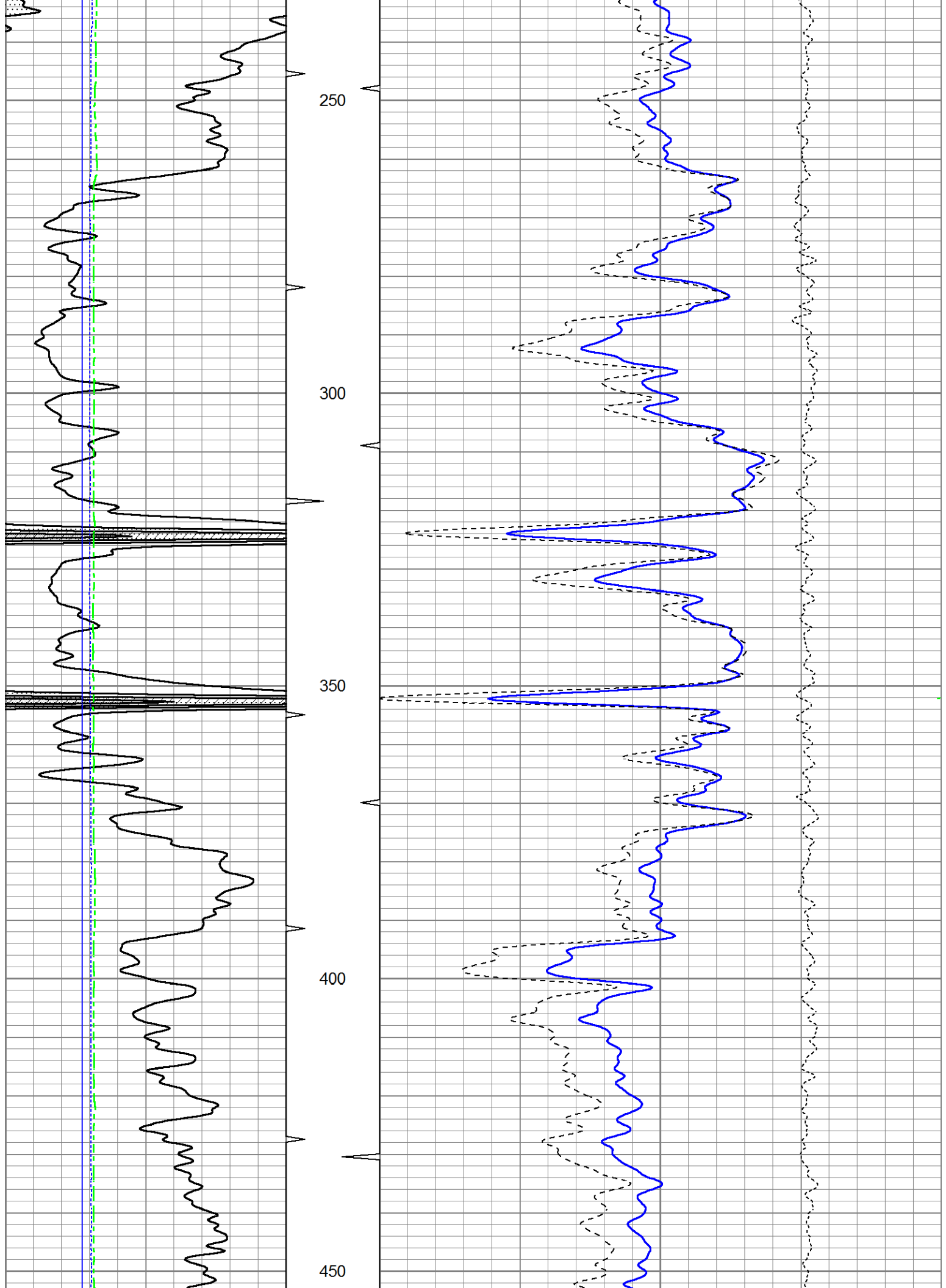


# 5" CDL SECTION

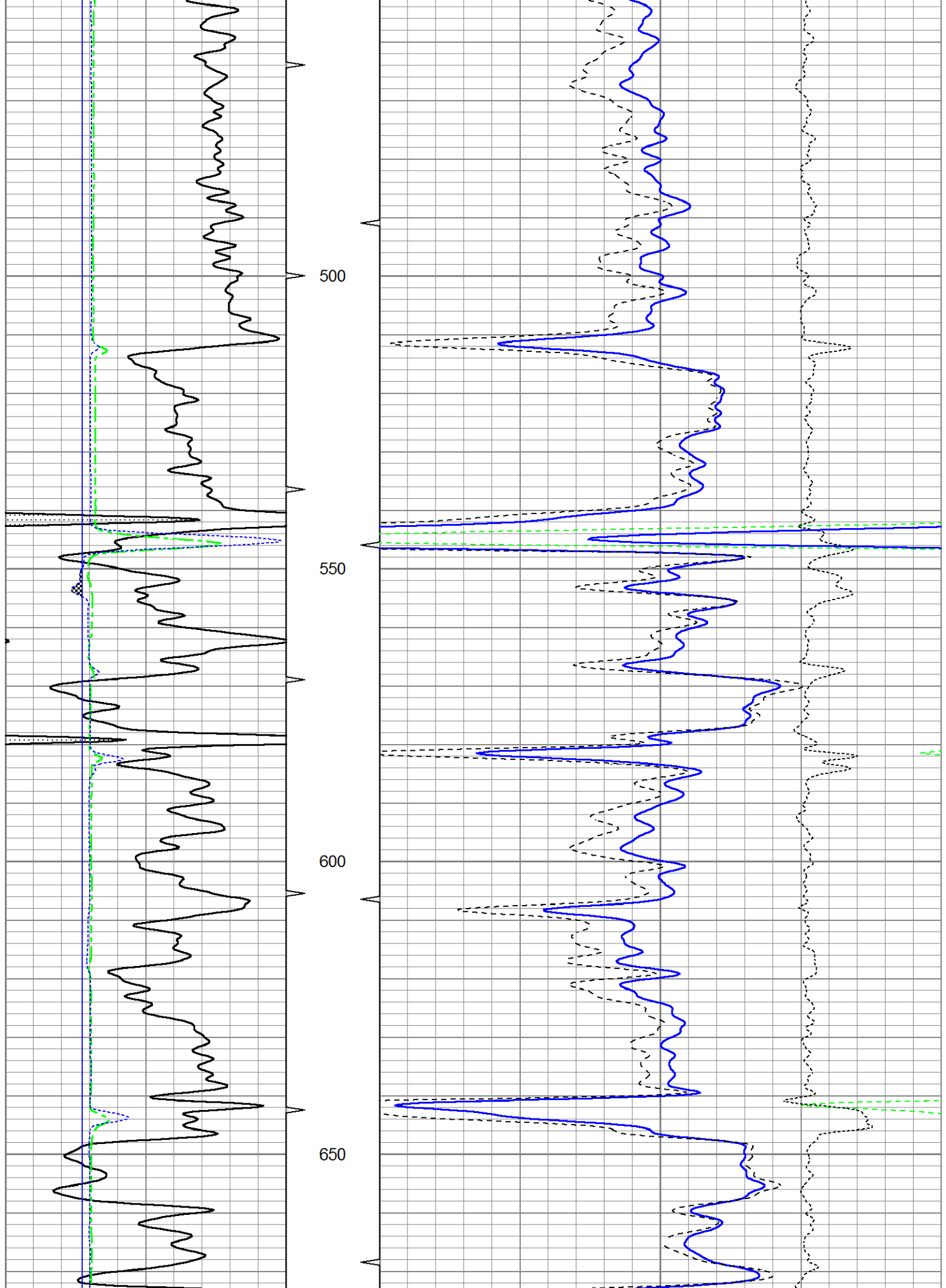
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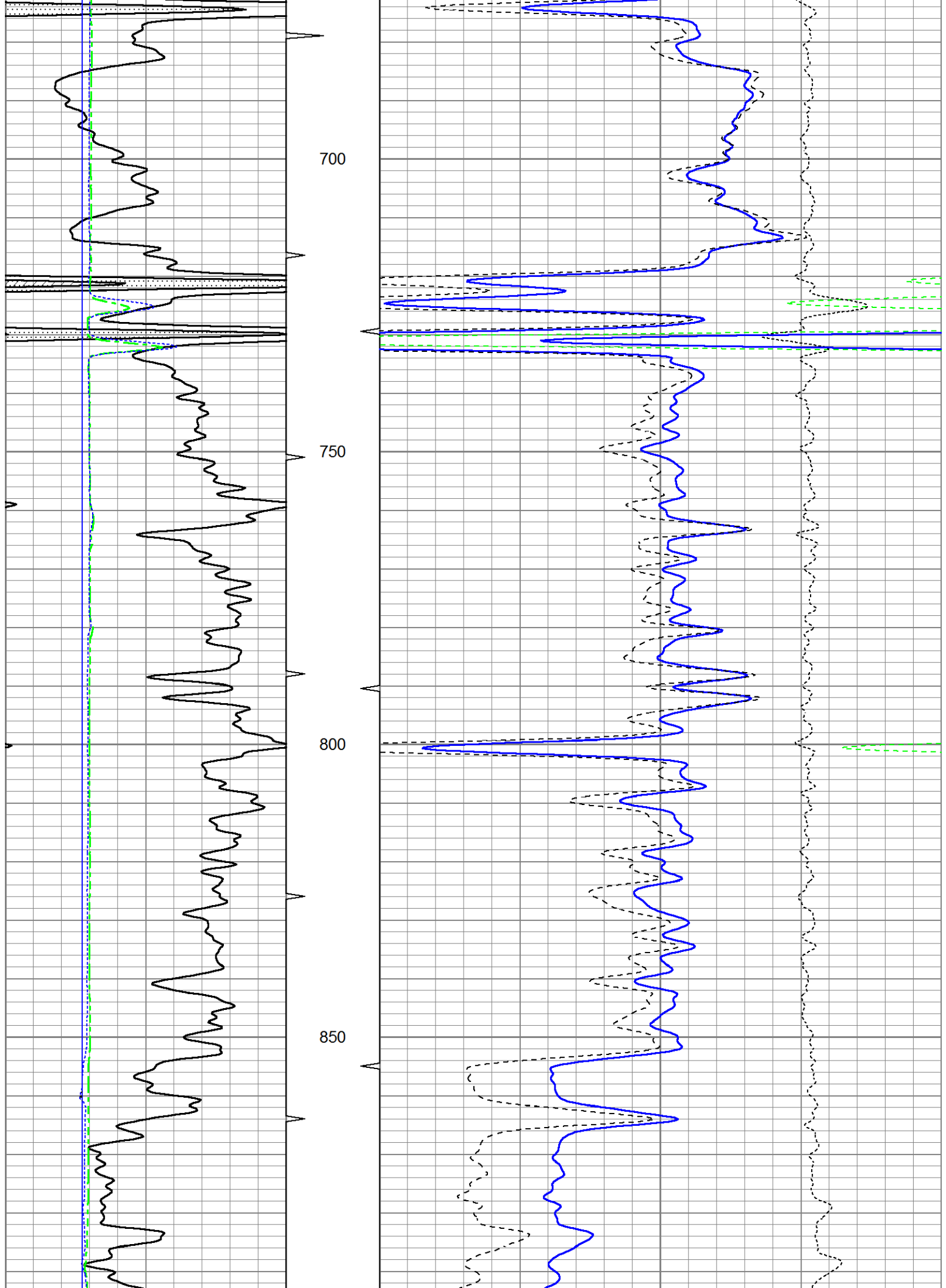
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4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

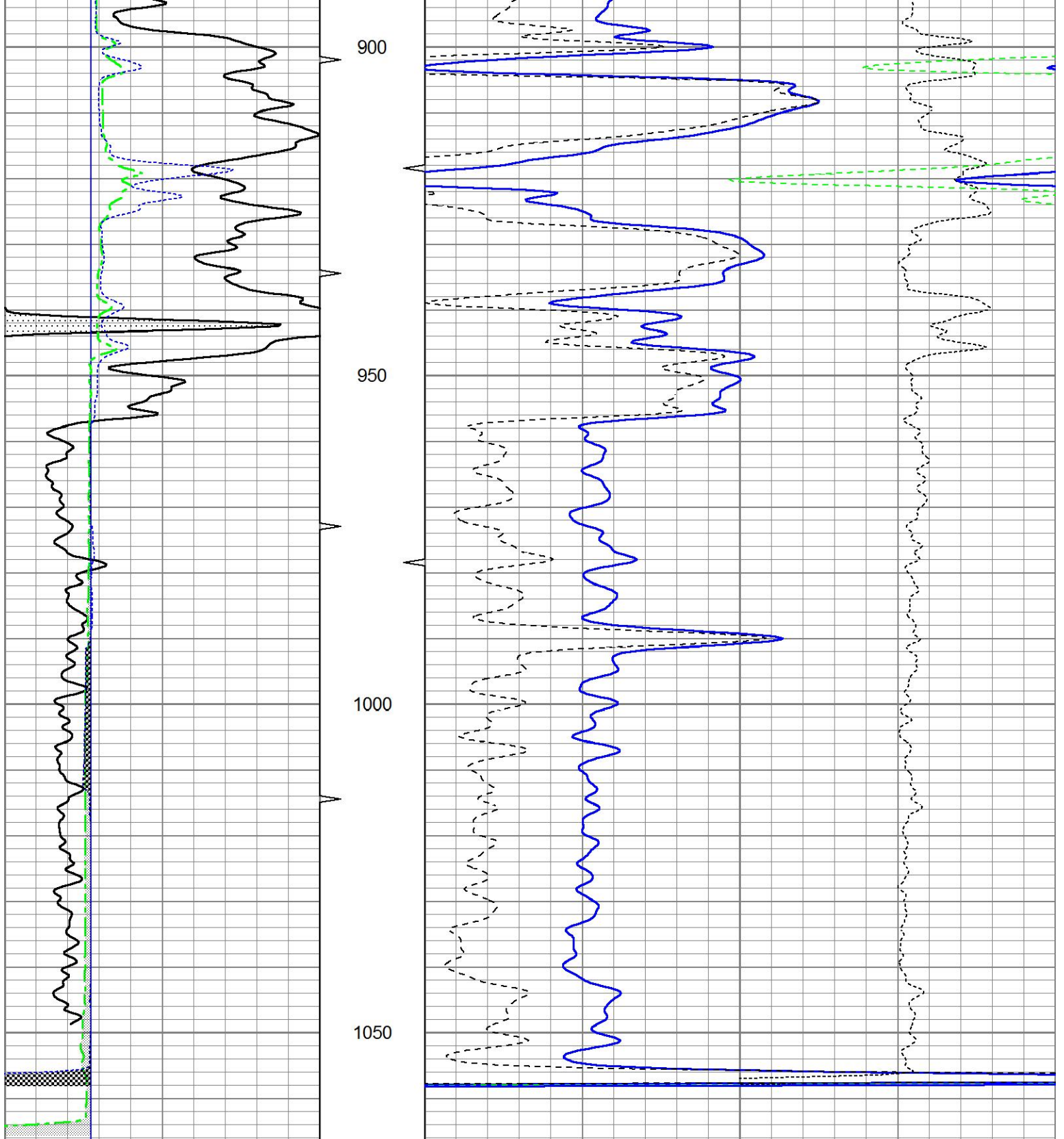












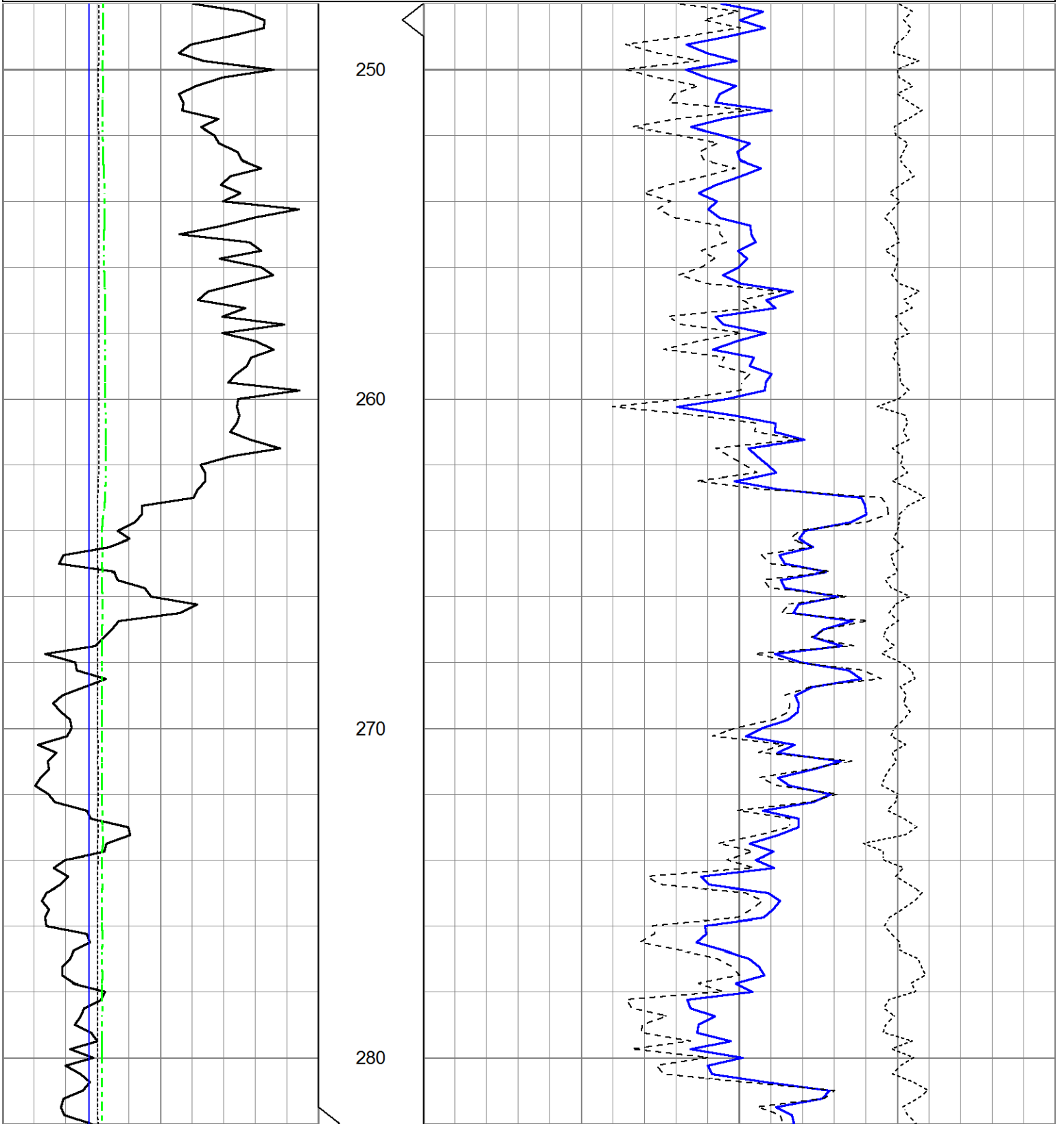
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4	Density Caliper (in)	14			5000	Line Tension (lb)	0

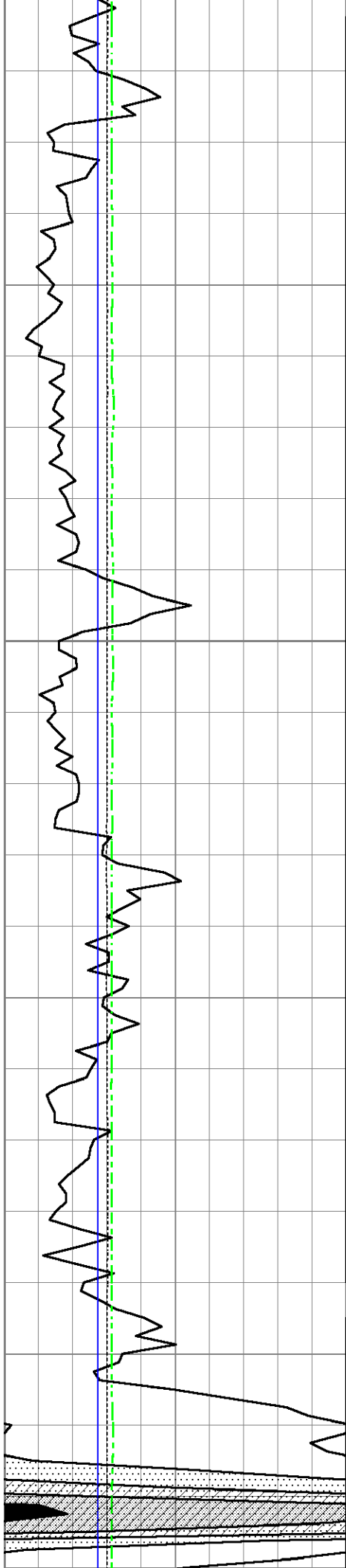


# 25" HR CDL SECTION

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4	Neutron Caliper (in)	14			5000	Line Tension (lb)	0



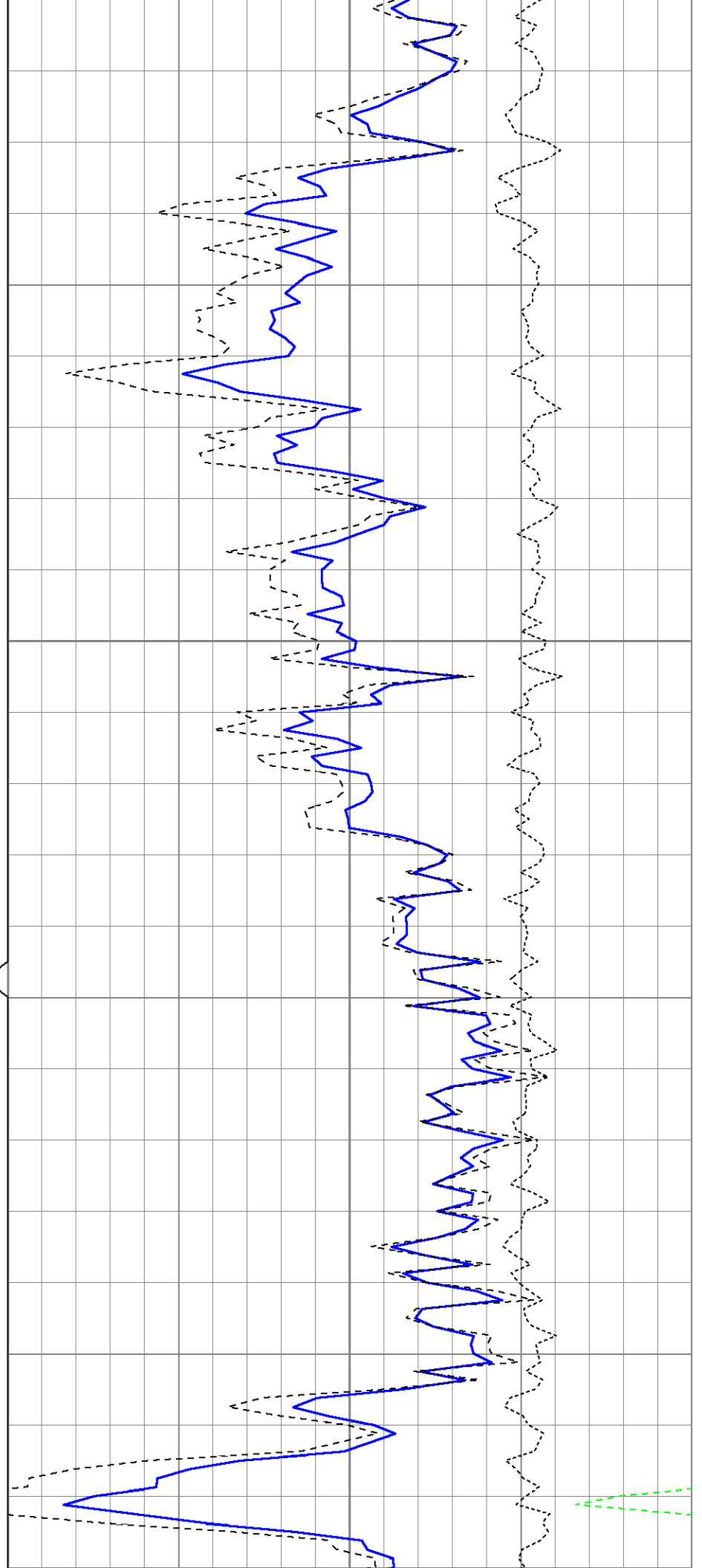


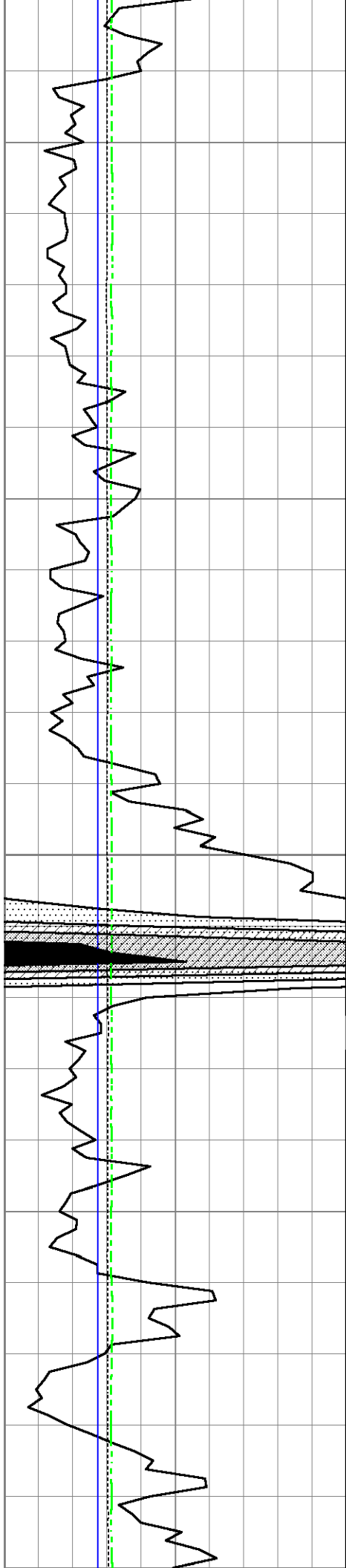
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320





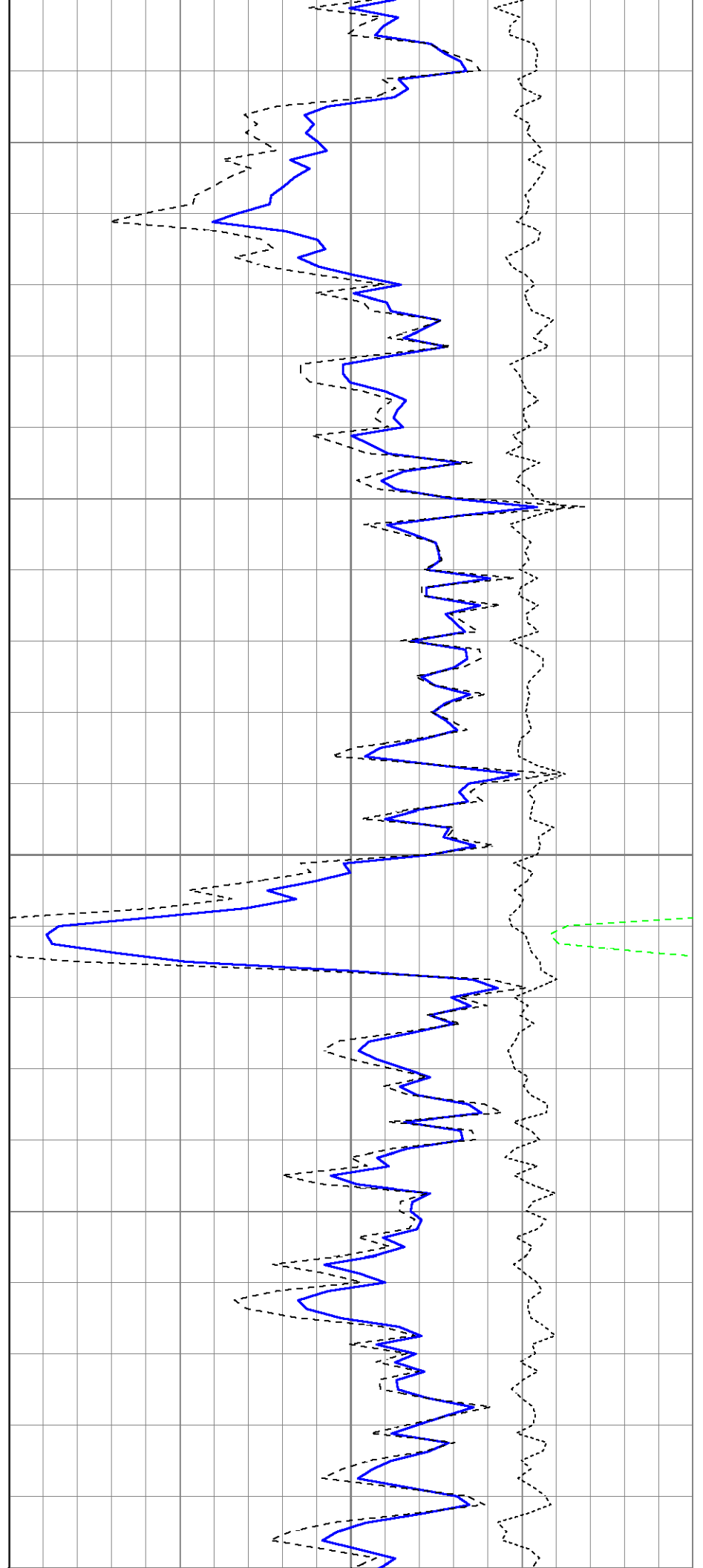
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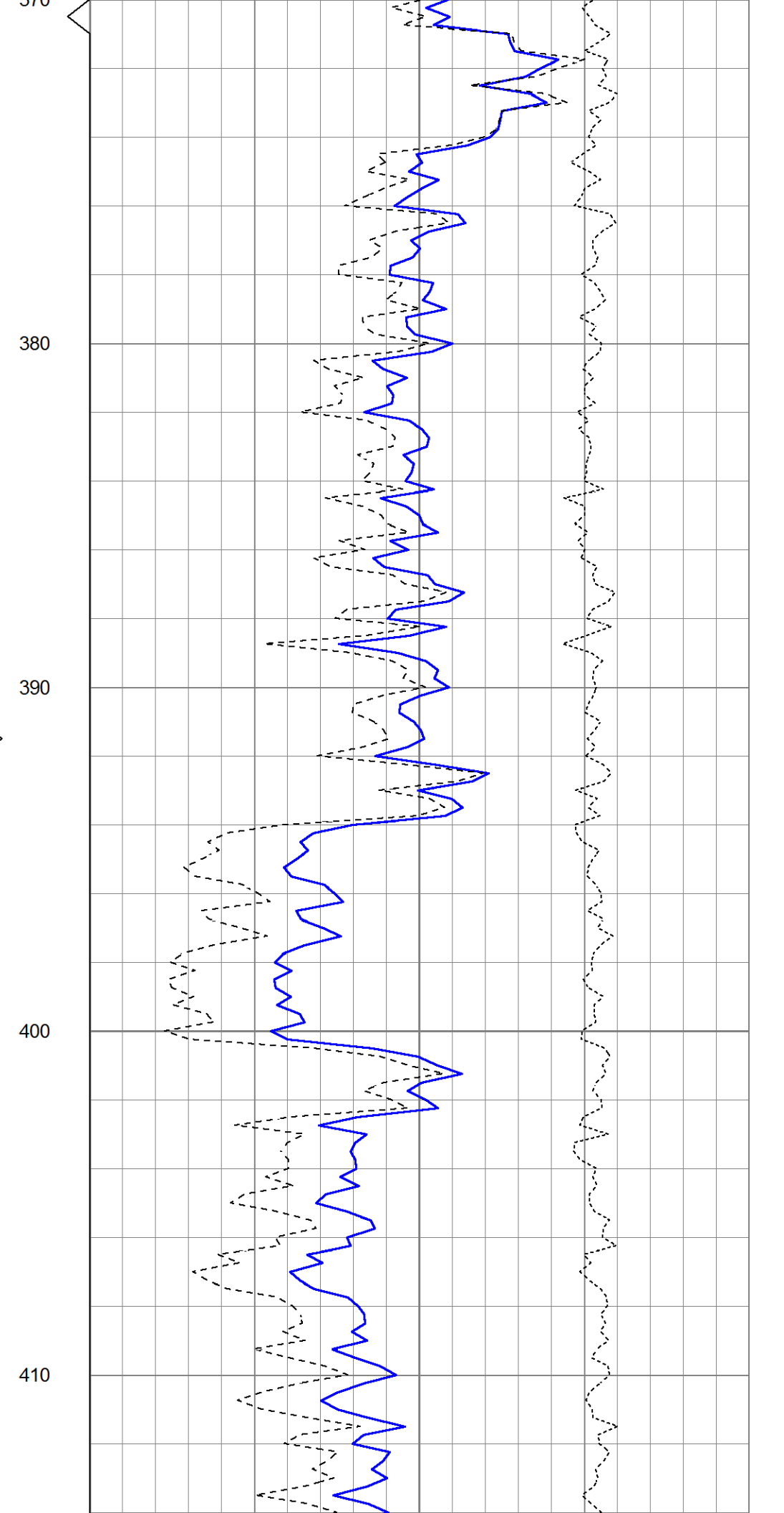
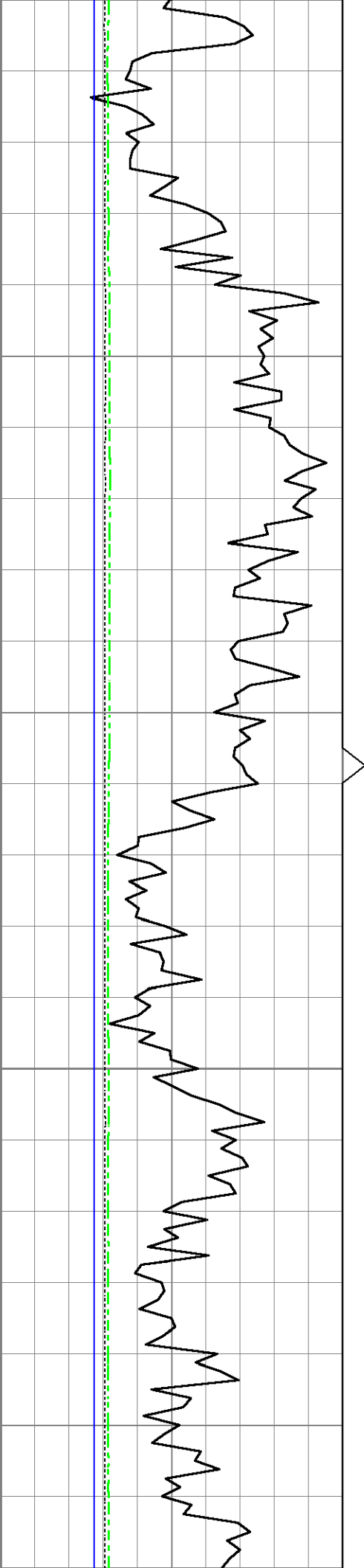
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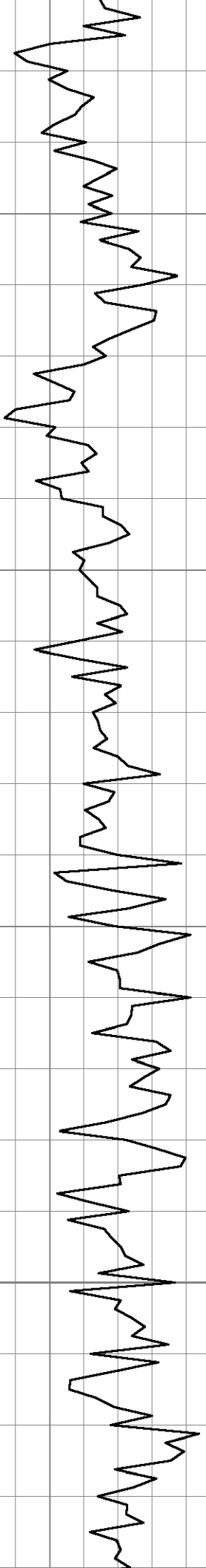
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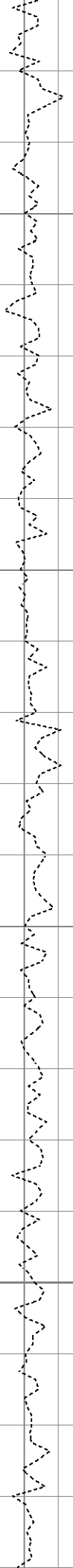
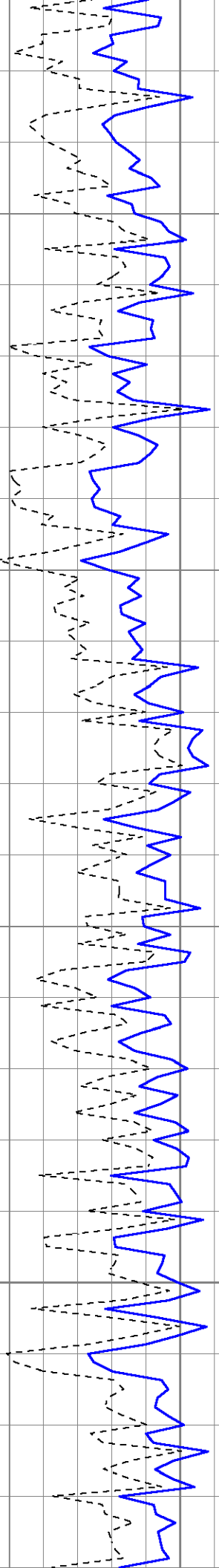


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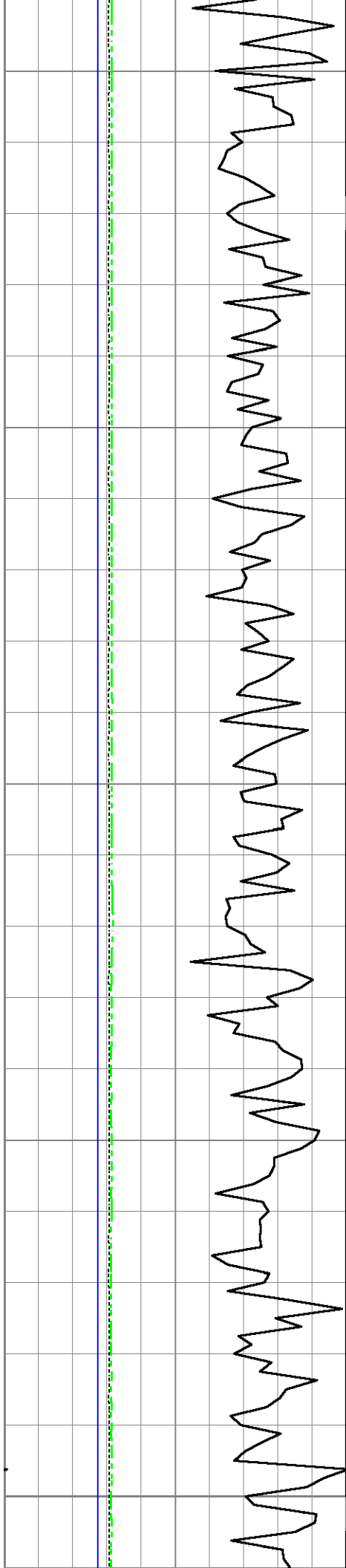
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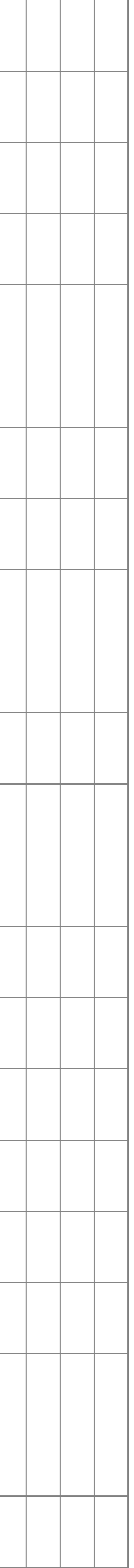
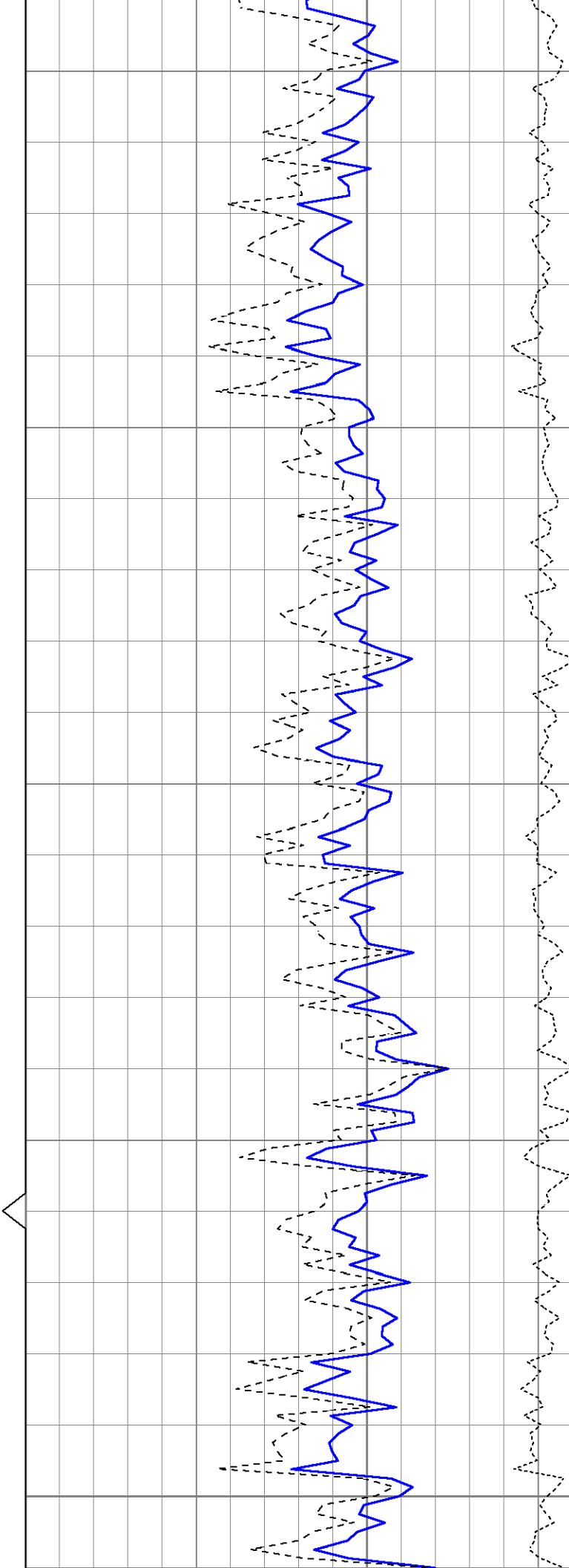
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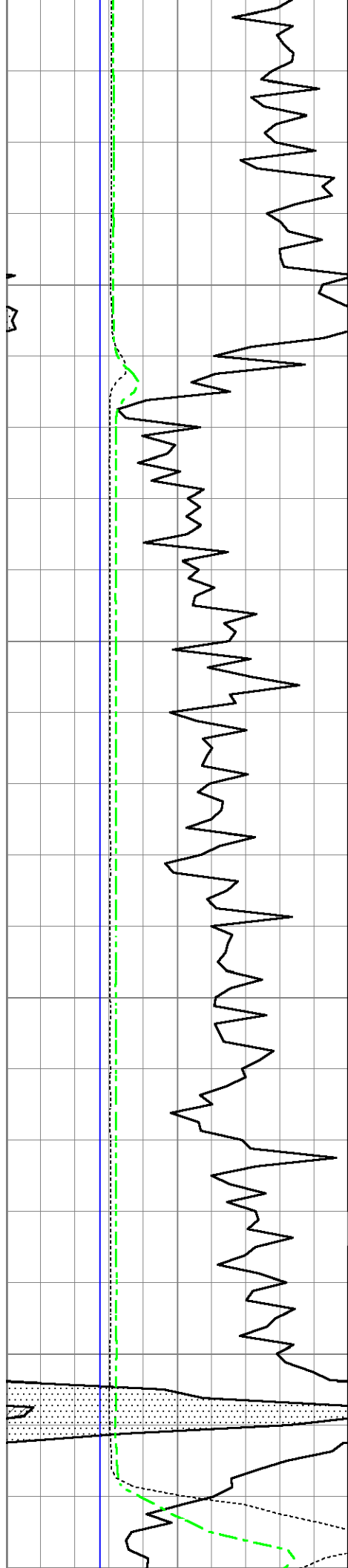
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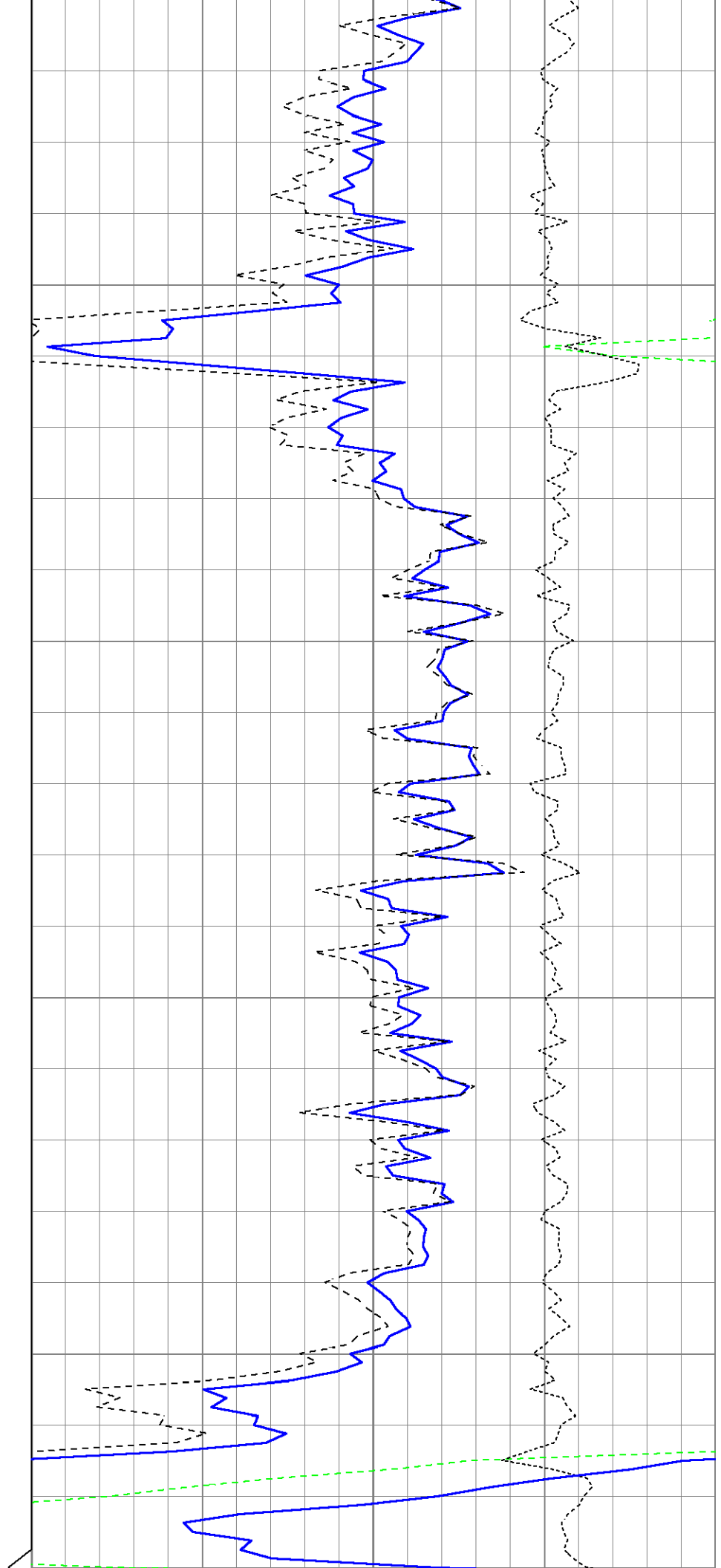


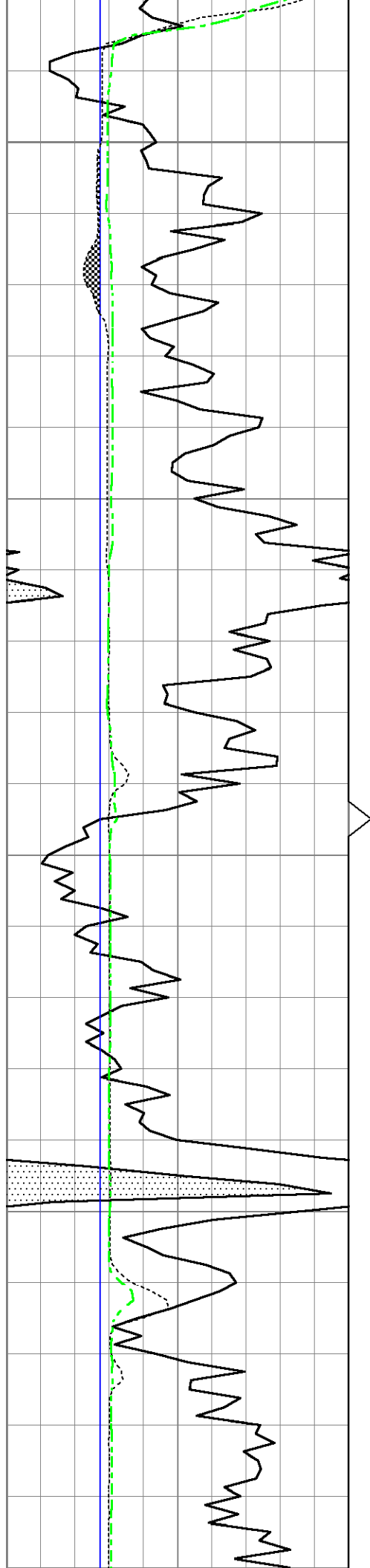
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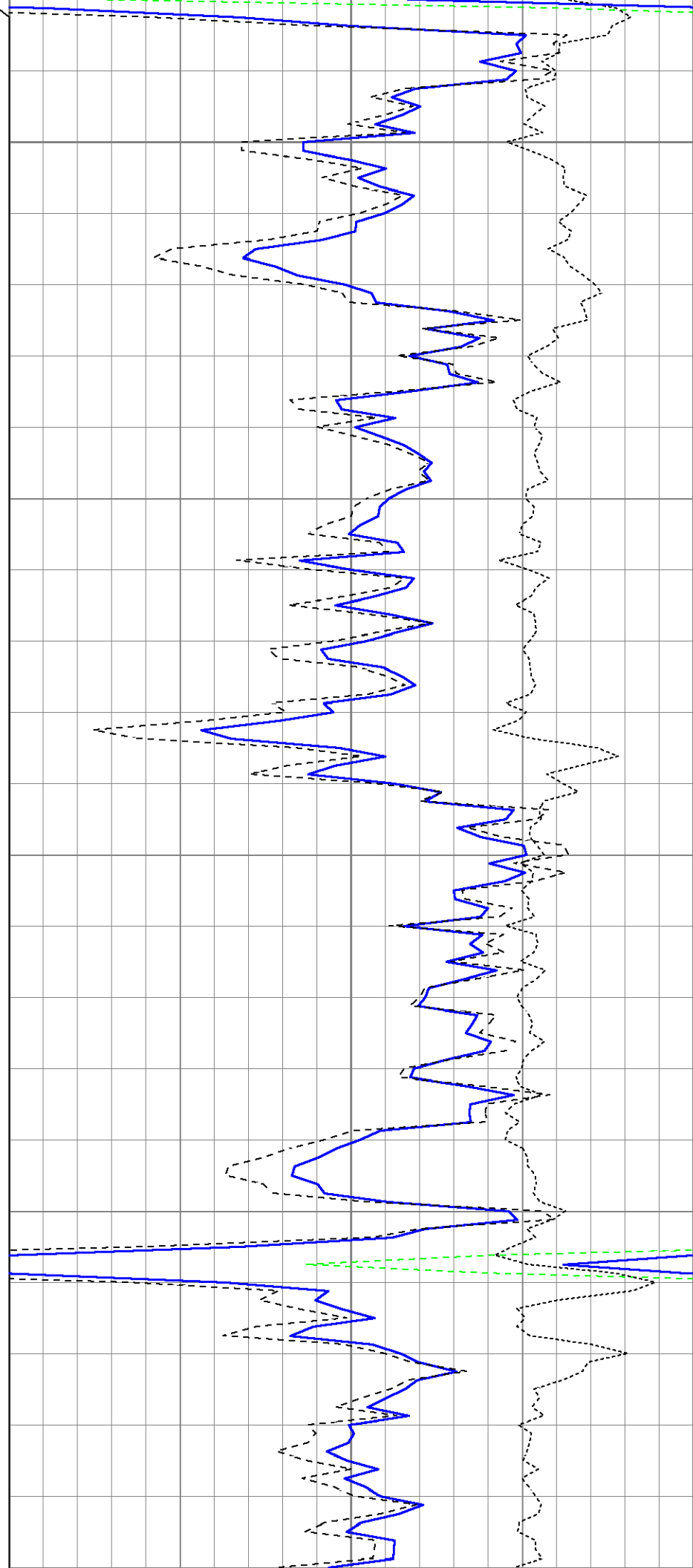
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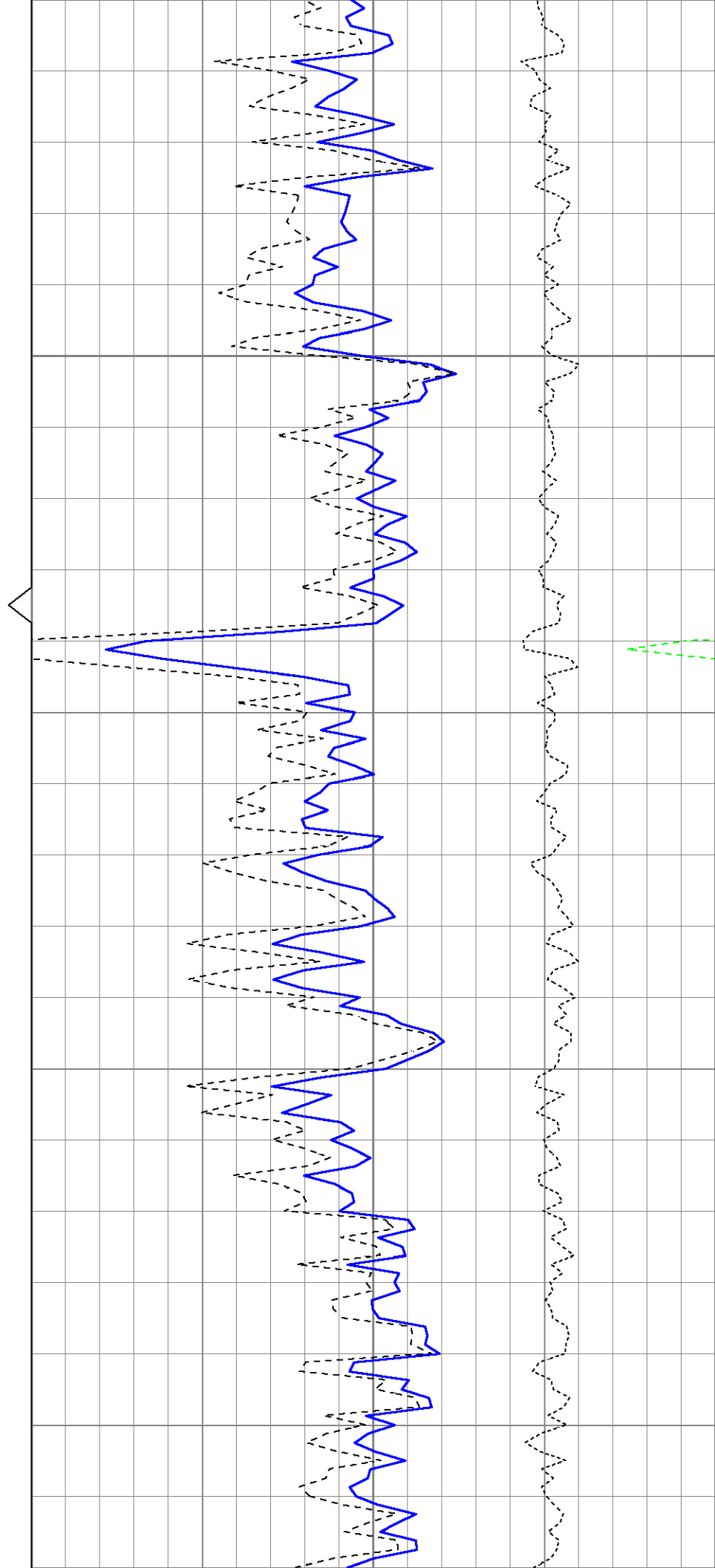
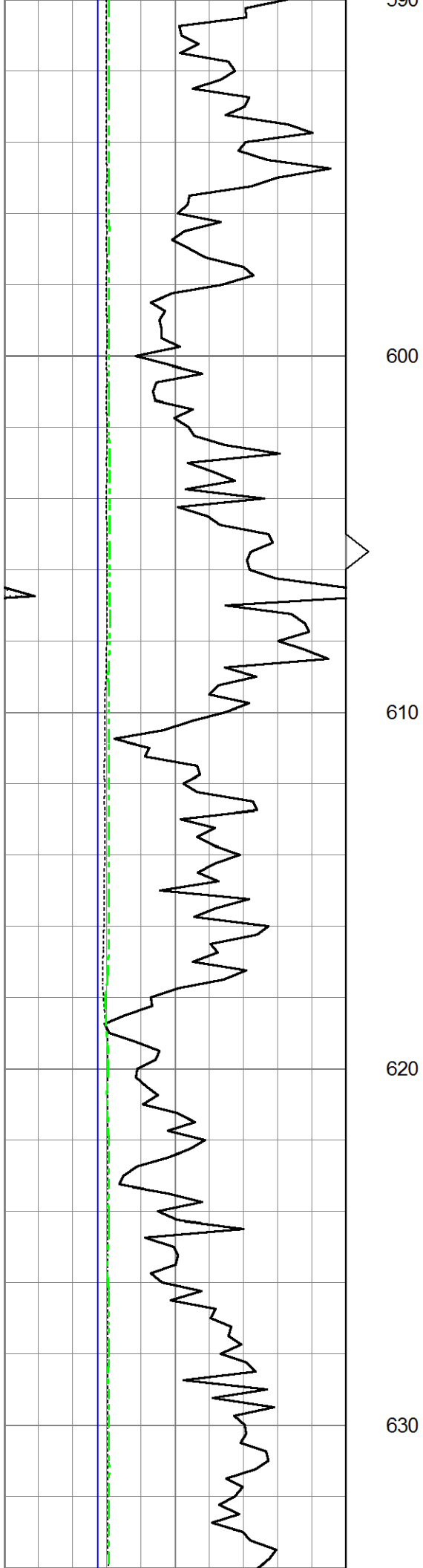
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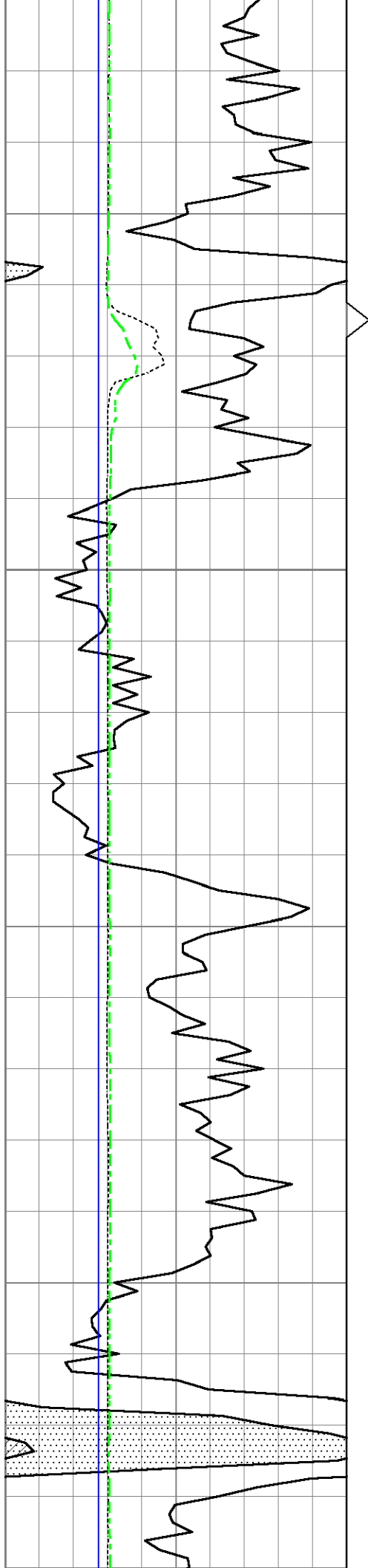
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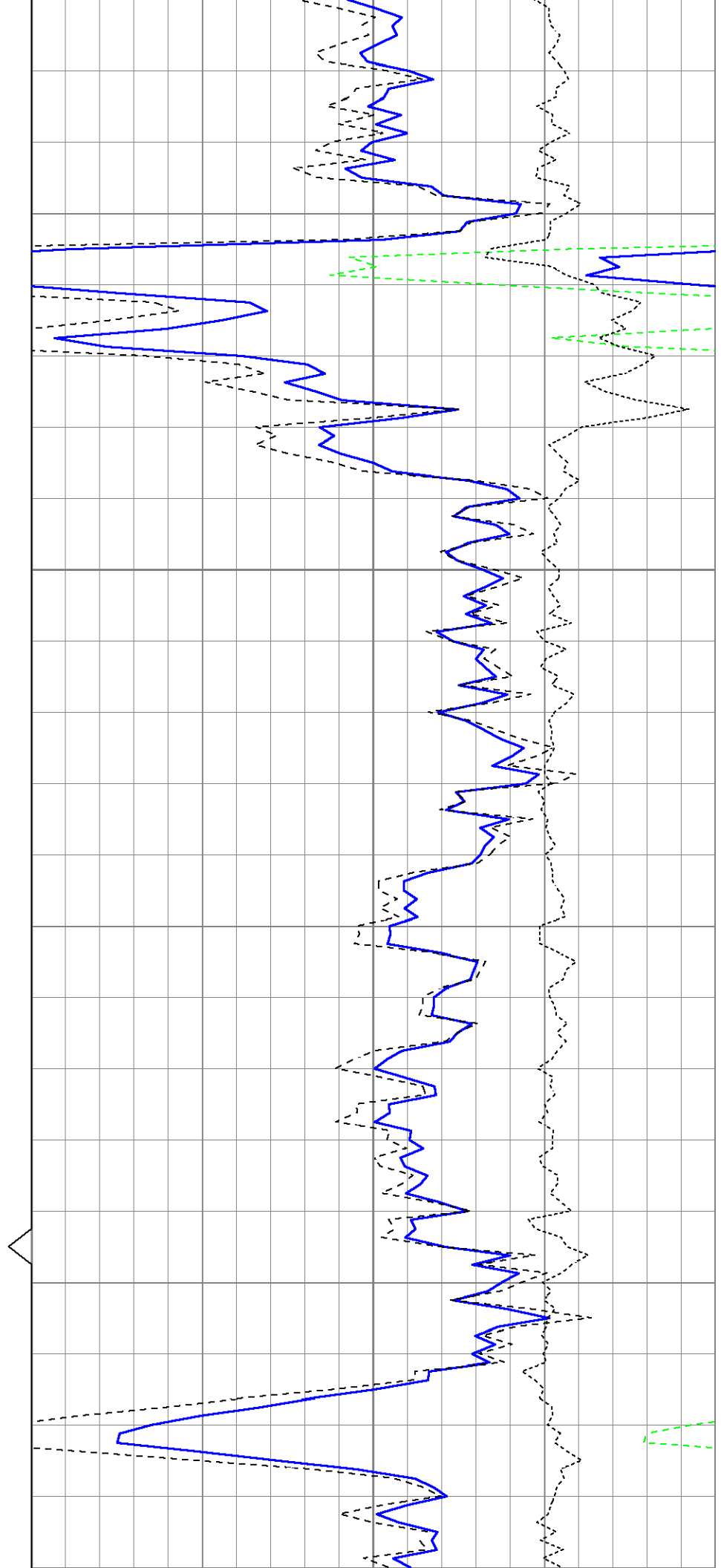


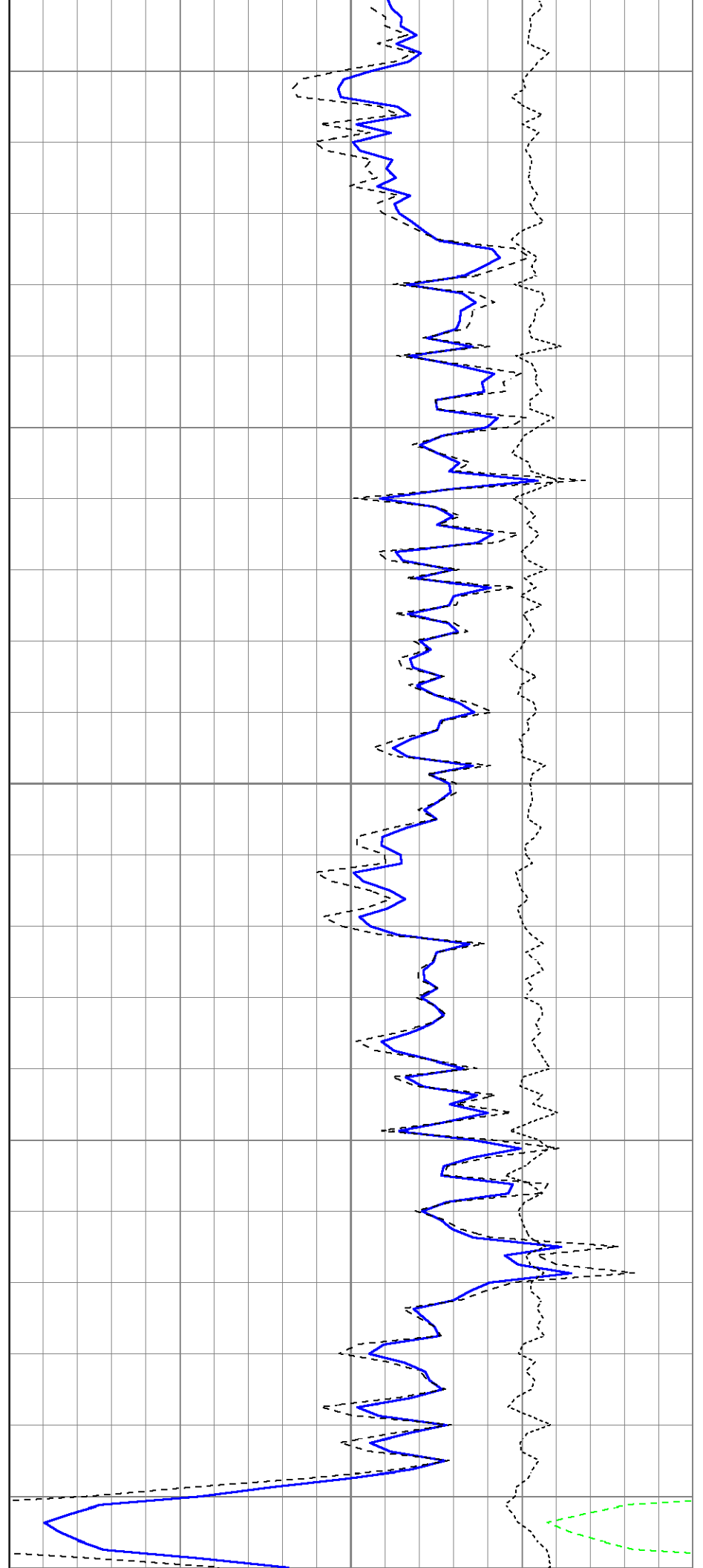
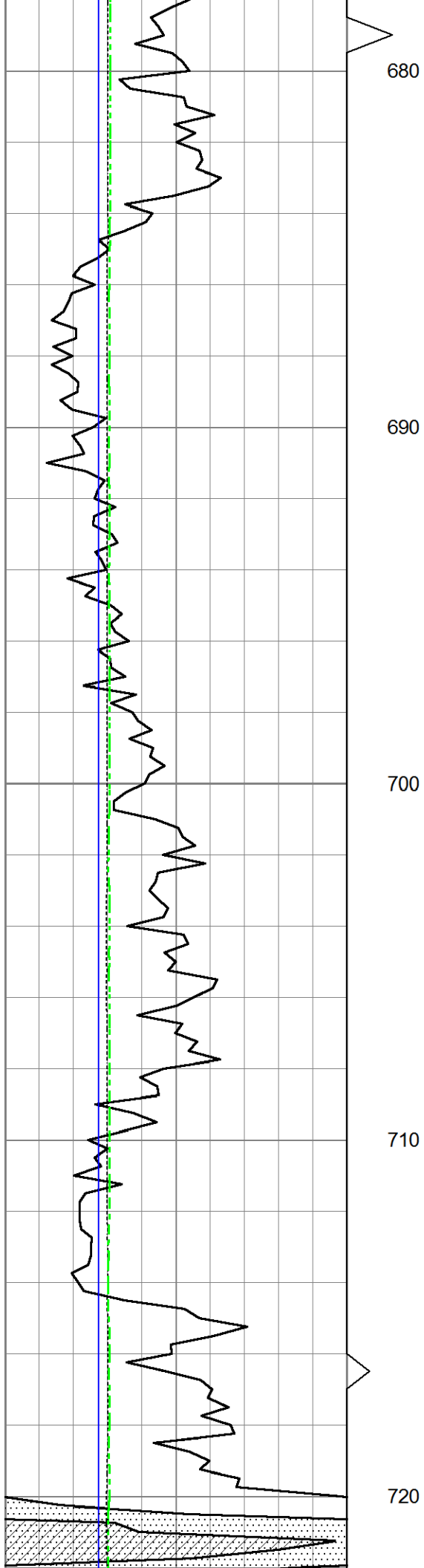
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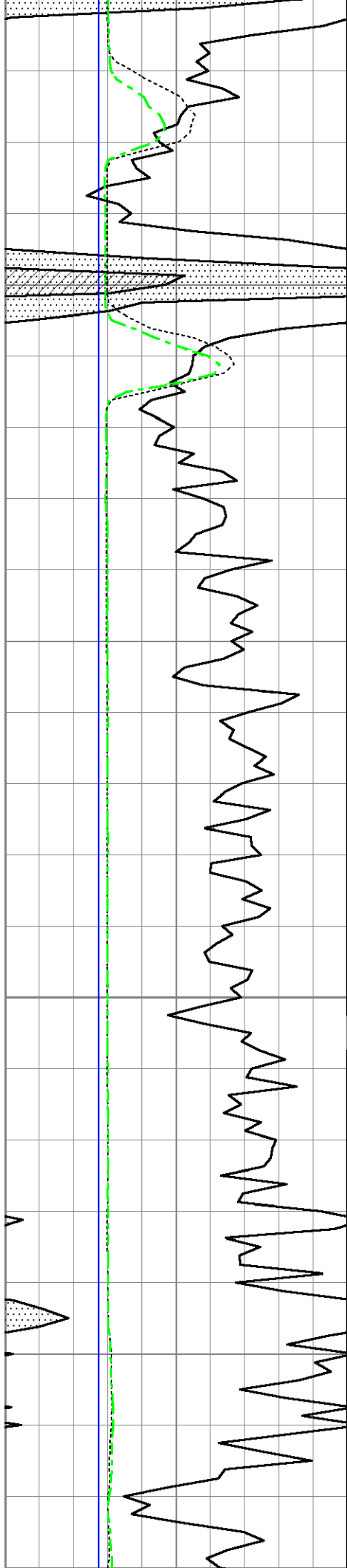
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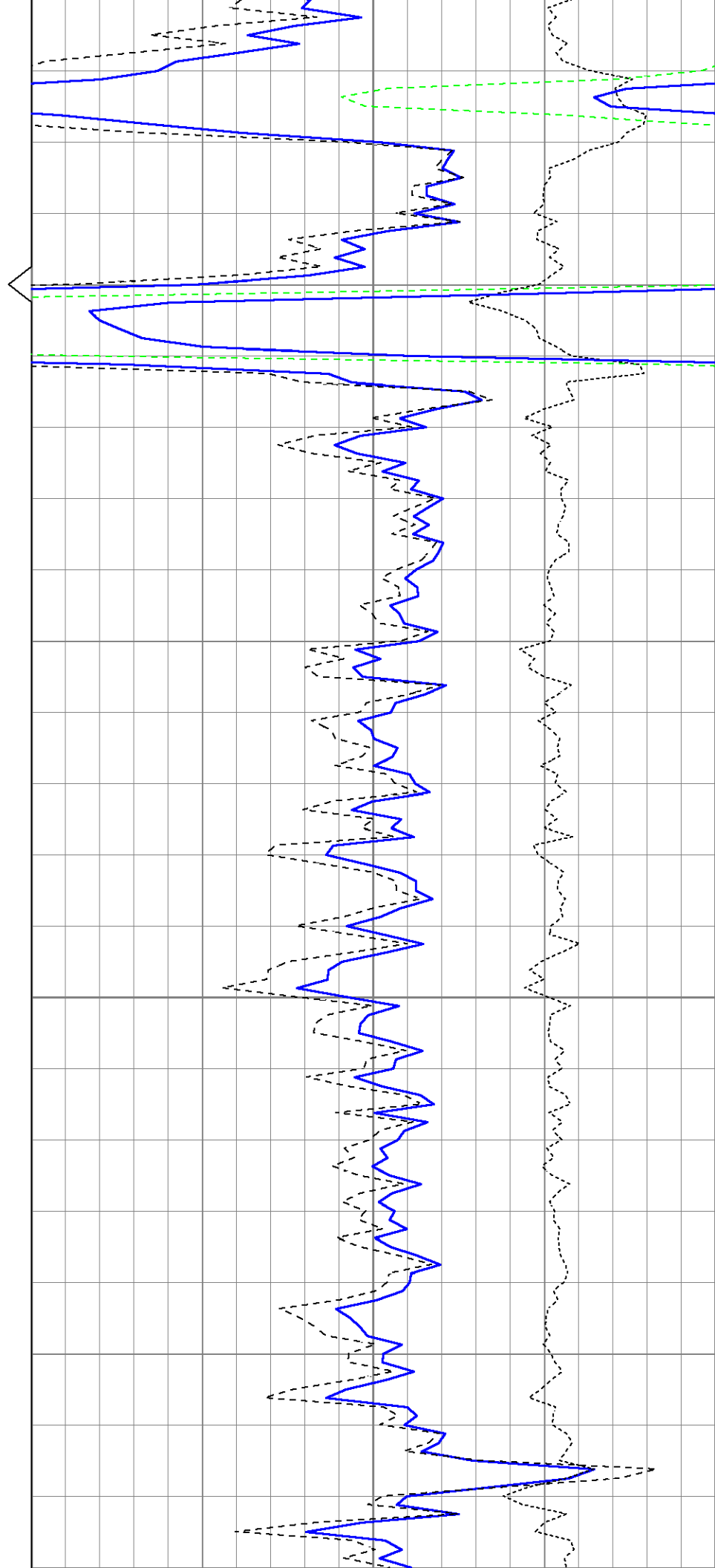


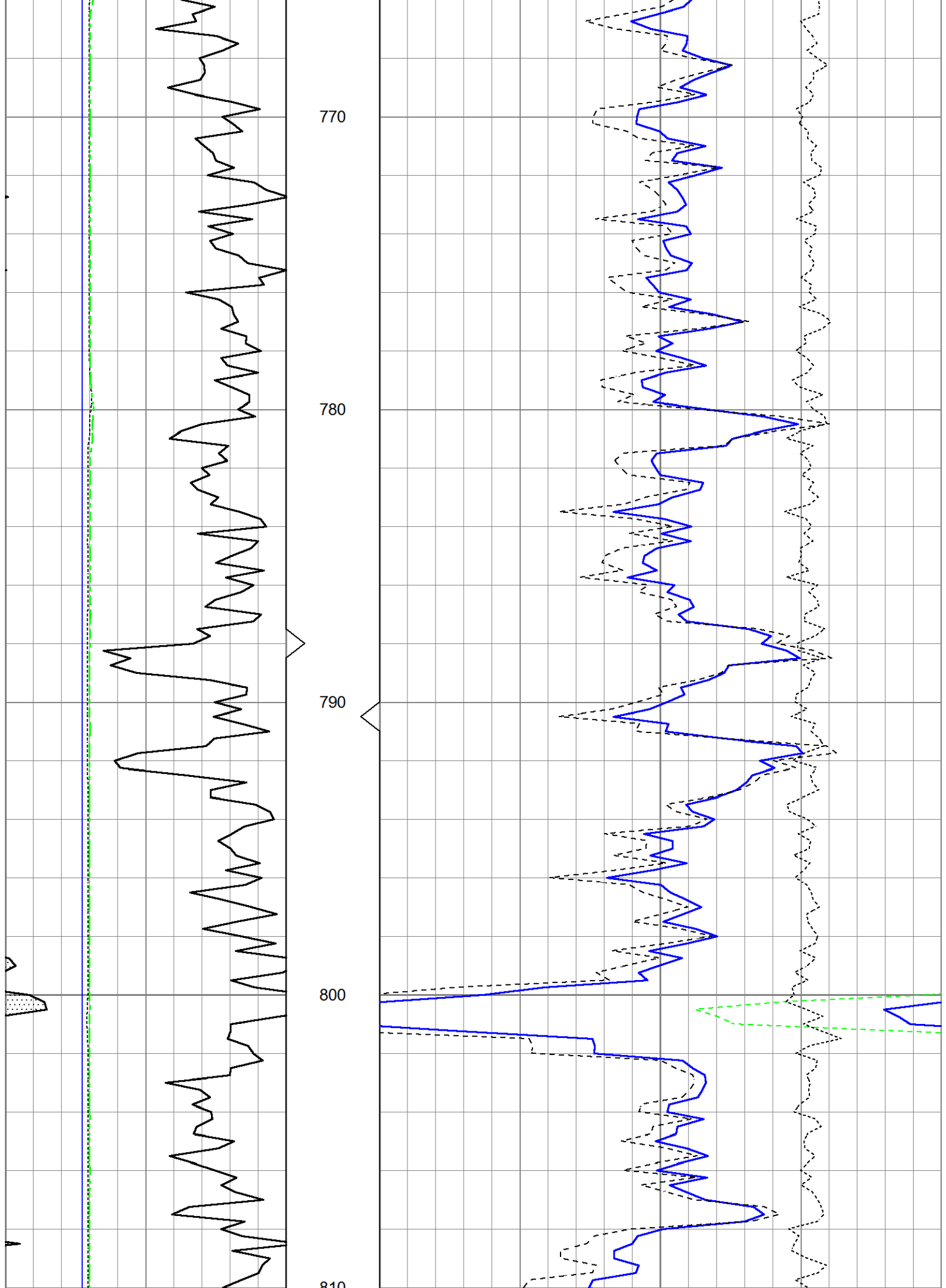
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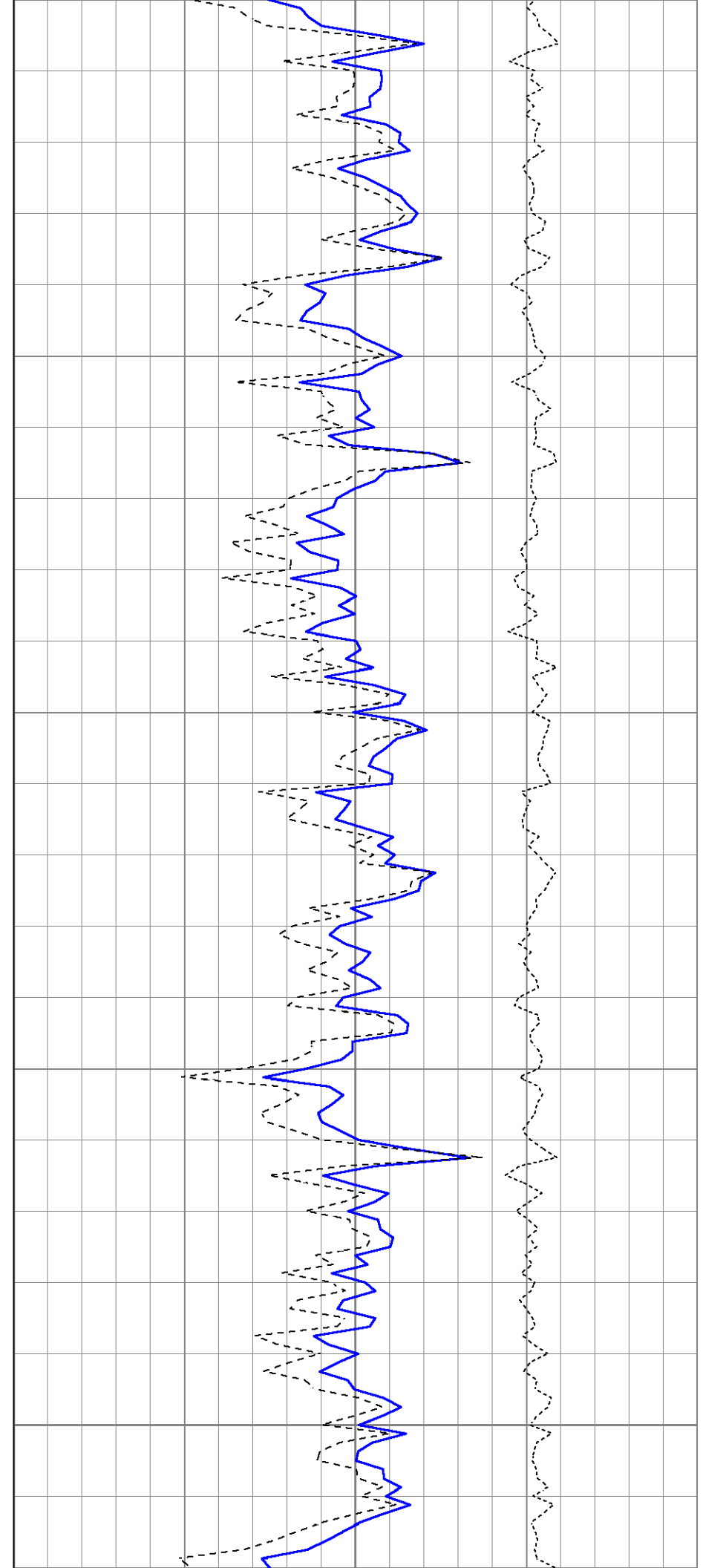
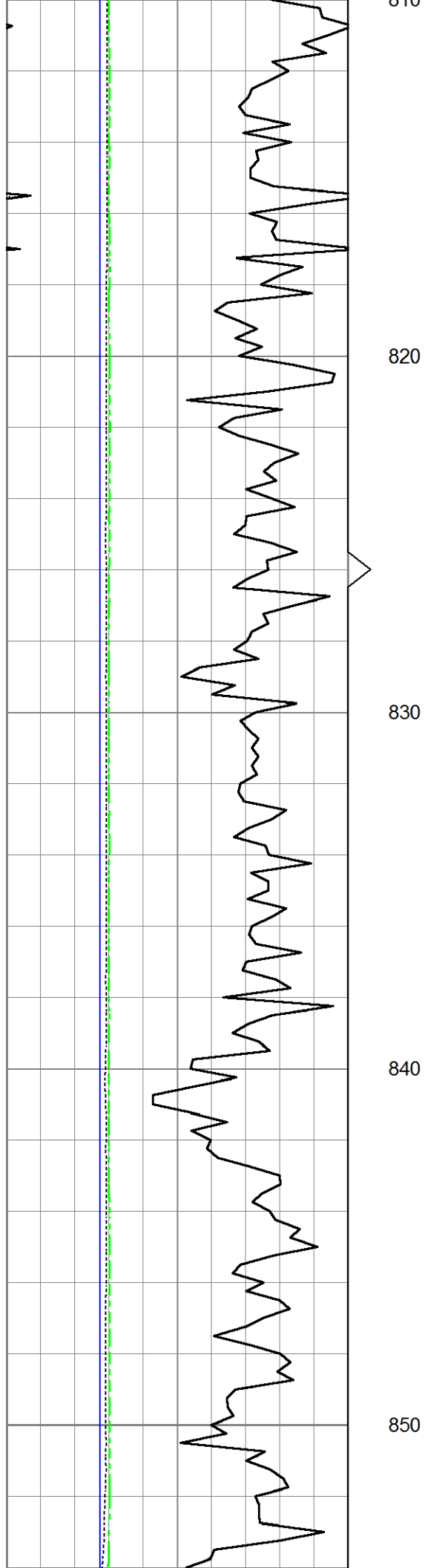
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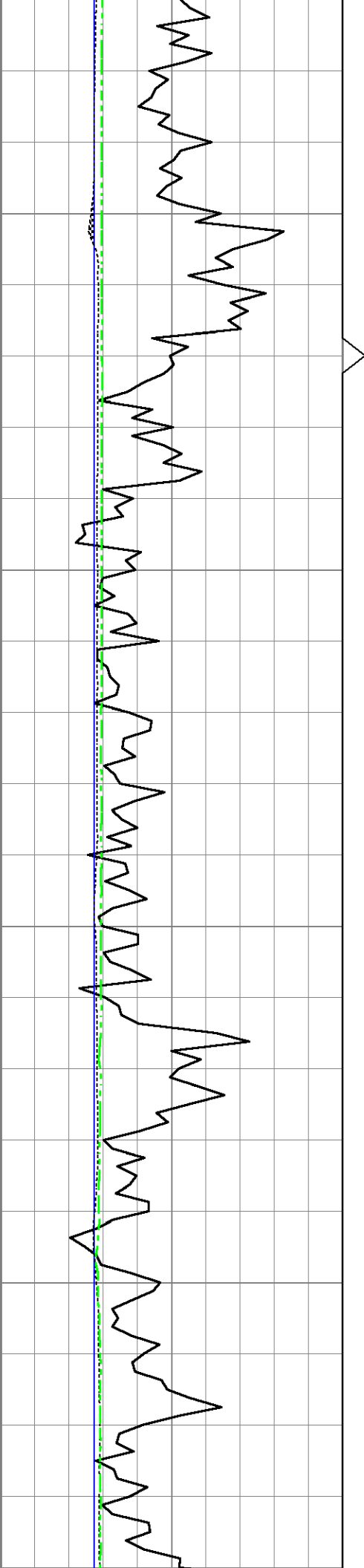
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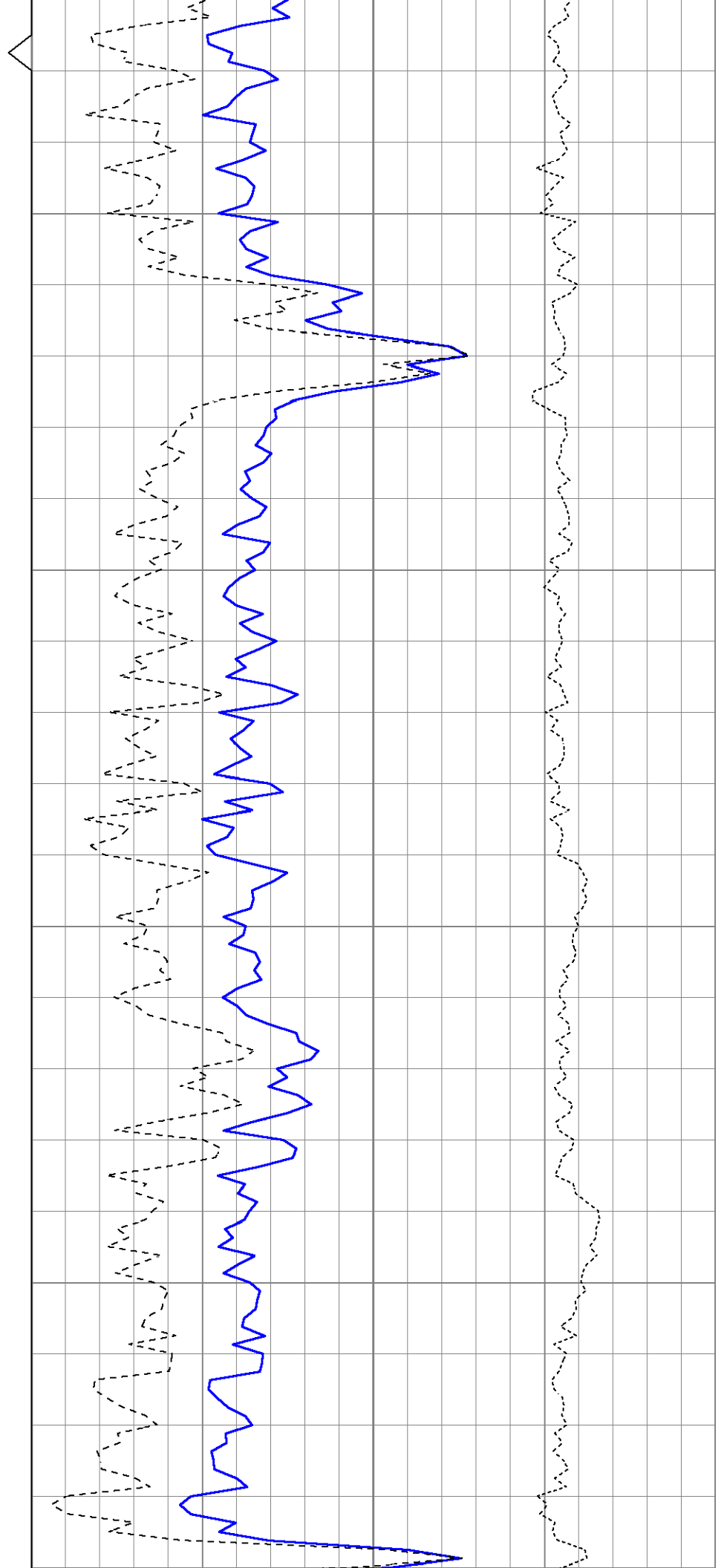


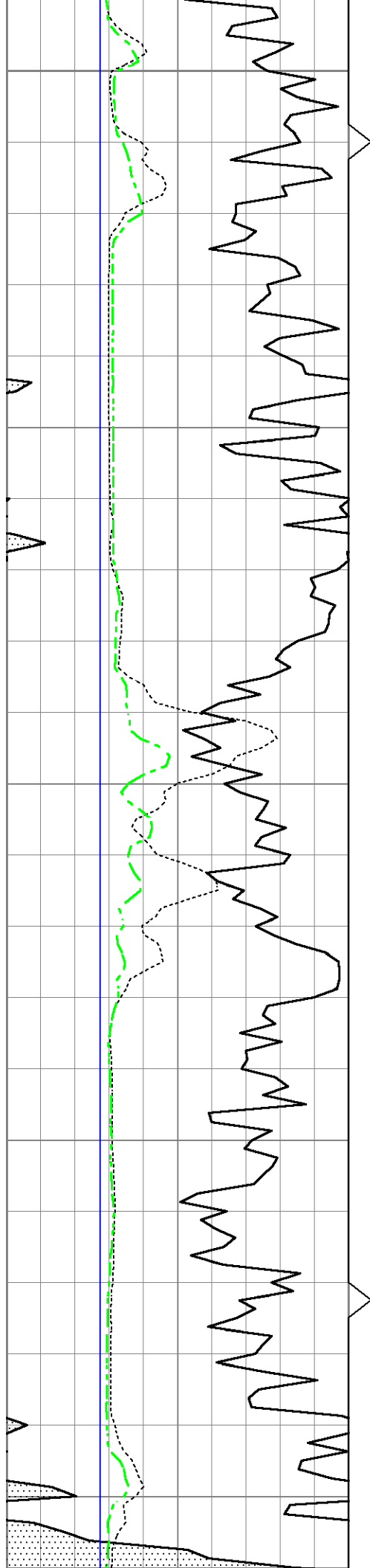
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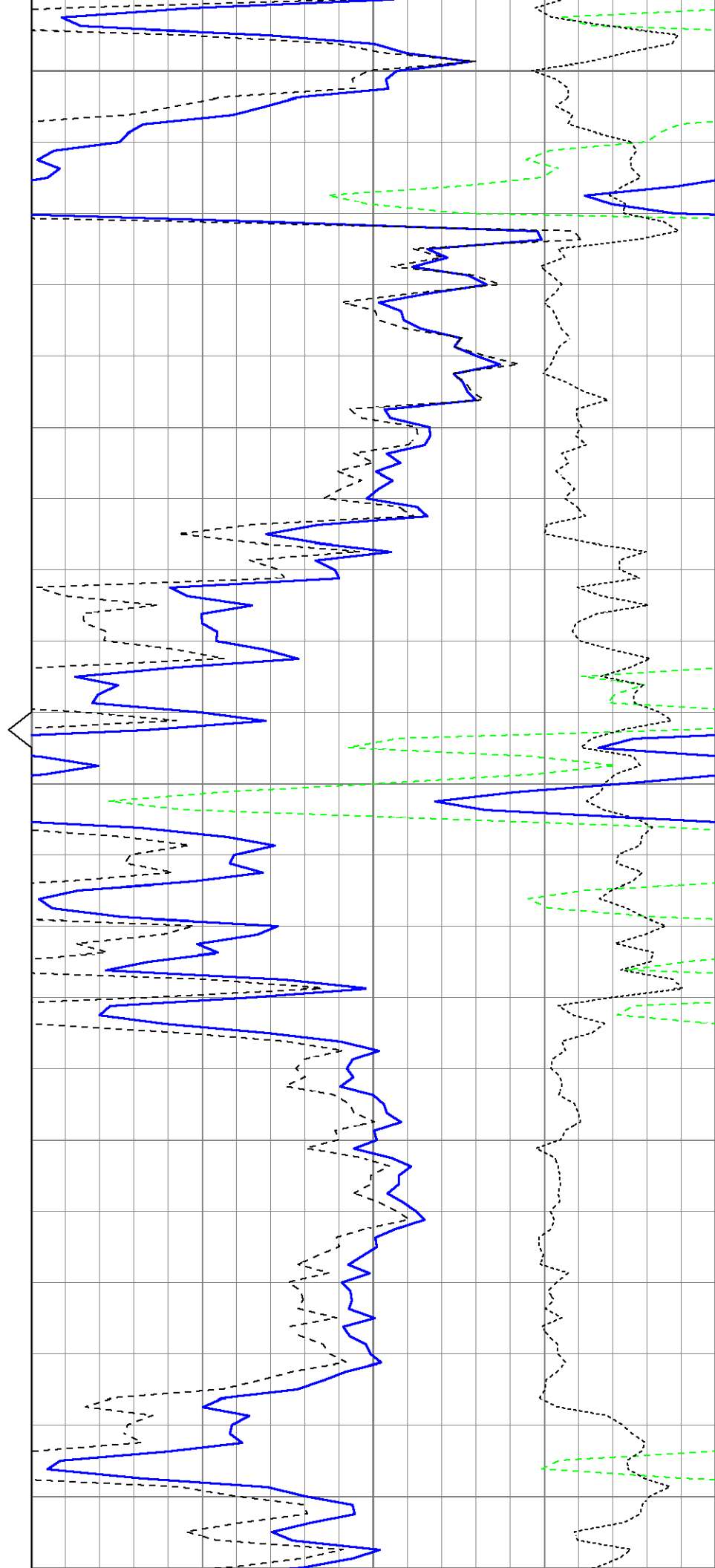
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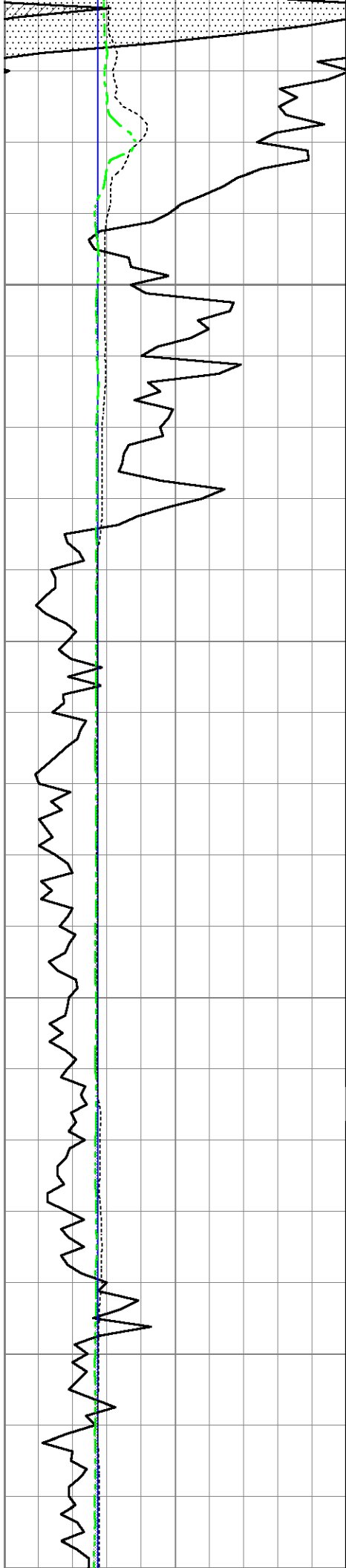
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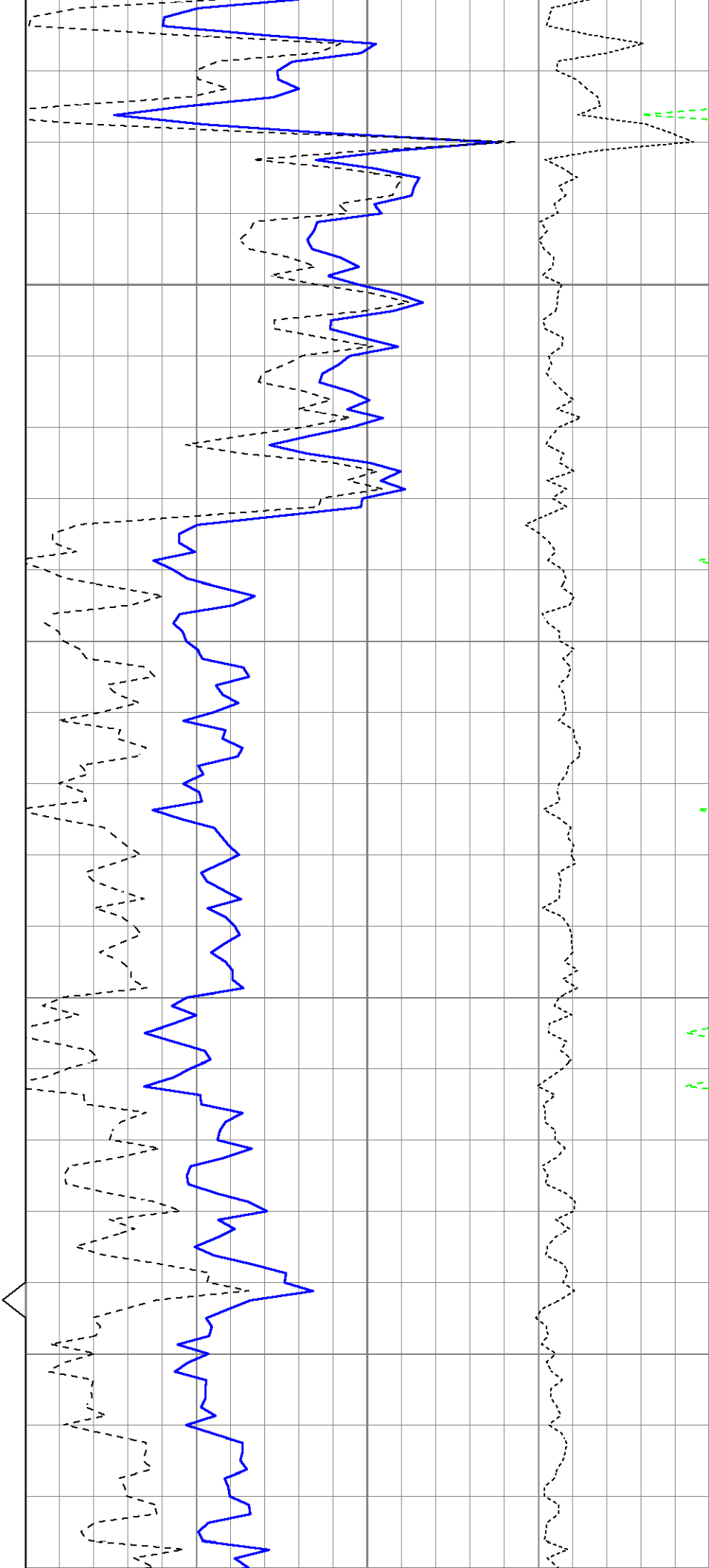


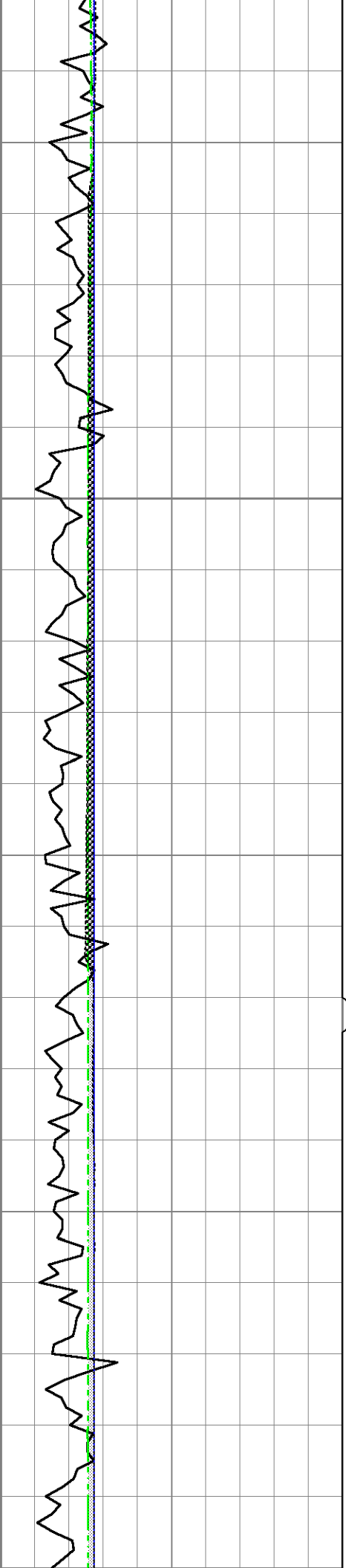
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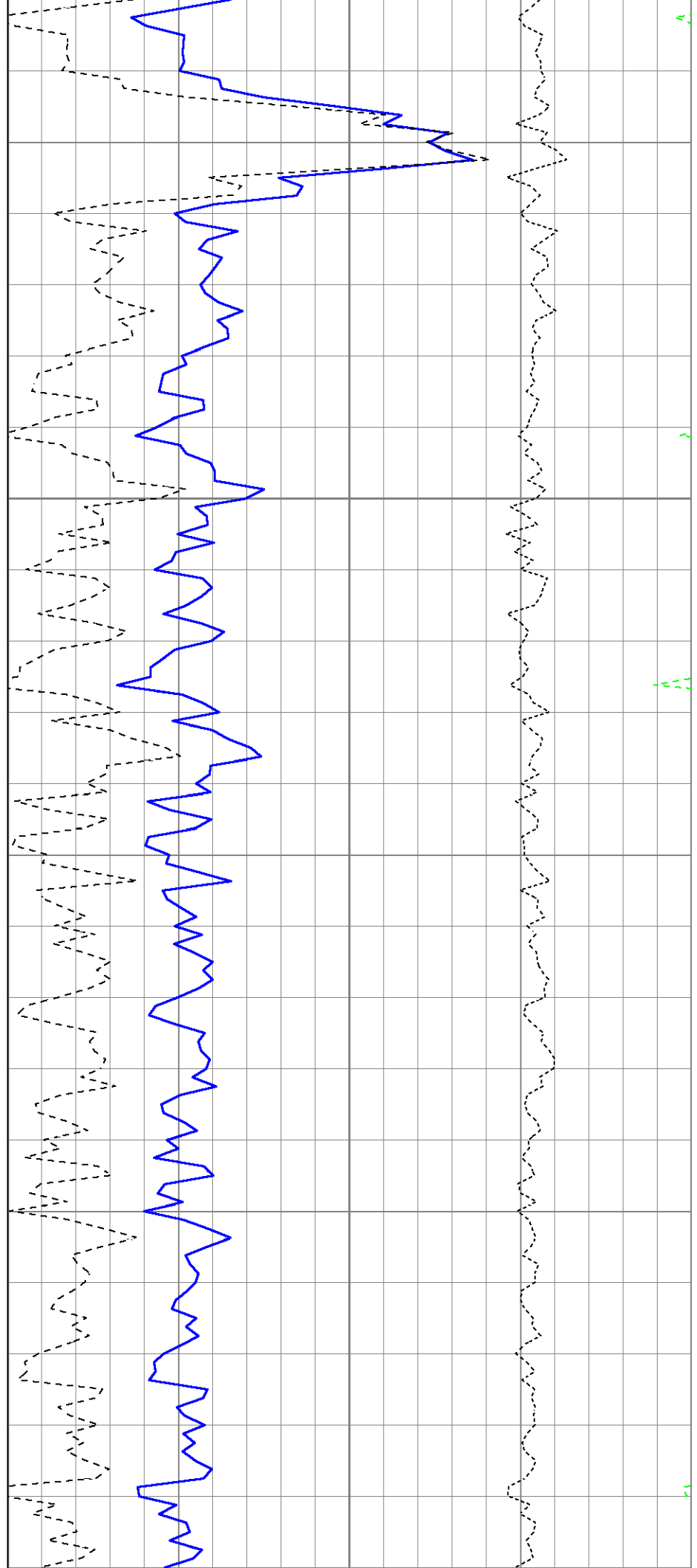
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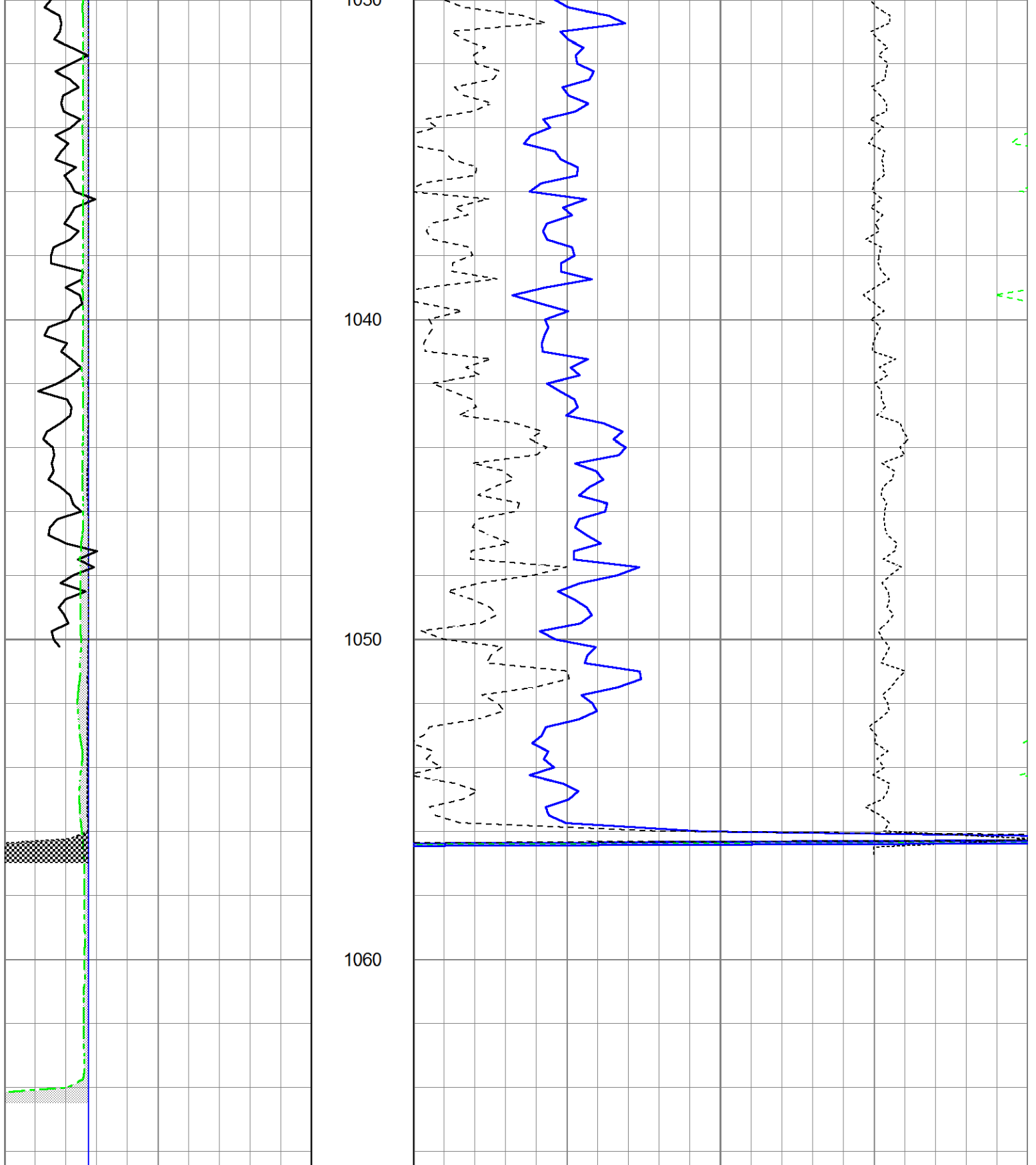
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1010

1020

1030





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 Isulation Sub	1.42	3.00	20.00
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						
SCAL	2.54			Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15						
NEU	2.15						
		Dataset: ow1-8634 colt energy.db: field/well/CDL/pass1 Total length: 18.15 ft Total weight: 445.00 lb O.D.: 4.00 in					