



**HIGH RESOLUTION  
COMPENSATED DENSITY  
SIDEWALL NEUTRON LOG**

Company **CHEROKEE WELLS, LLC.**  
Well **BRAMAN # 1-1**  
Field **BUFFALO**  
County **WILSON**  
State **KANSAS**

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Well **BRAMAN # 1-1**  
Field **BUFFALO**  
County **WILSON** State **KANSAS**

**Location:** API #: 15-205-28244-0000  
E/2 NE NE NE  
330' FNL & 165' FEL  
SEC 1 TWP 27S RGE 15E  
Permanent Datum **GL** Elevation **883' est**  
Log Measured From **GL**  
Drilling Measured From **GL**

Other Services  
**DIL**  
Elevation  
K.B. ---  
D.F. ---  
G.L. 883' est

Date	12-10-2013
Run Number	ONE
Depth Driller	1275'
Depth Logger	1275'
Bottom Logged Interval	1273'
Top Log Interval	SURFACE
Casing Driller	8 5/8" @ 43'
Casing Logger	8 5/8" @ 43'
Bit Size	6 3/4"
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. MORRIS

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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**

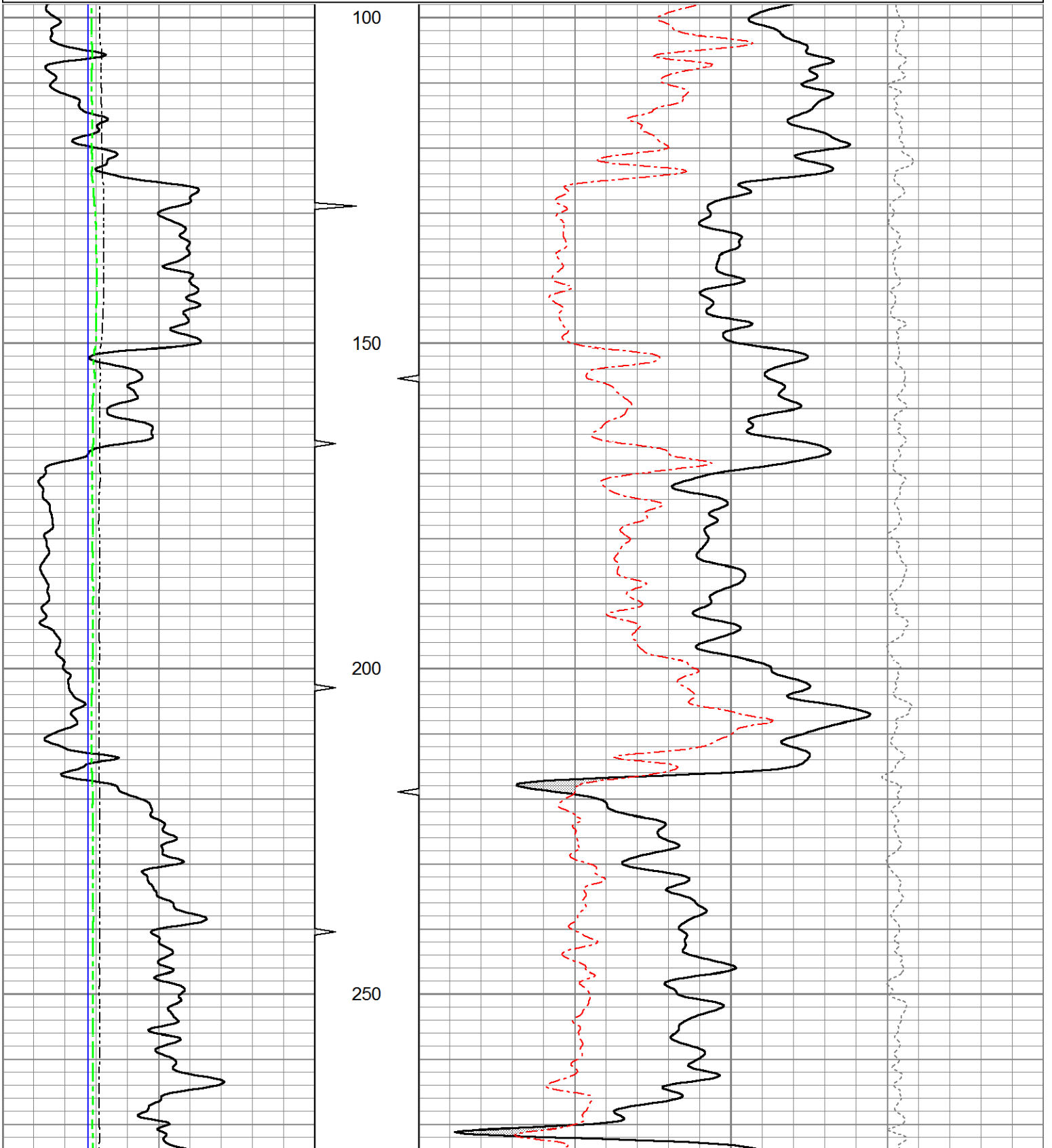
**OW2-8511  
MATRIX LIMESTONE 2.71 G/CC  
ABHV COMPUTED WITH 4 1/2" CASING  
  
CREW : SHAMBLES**

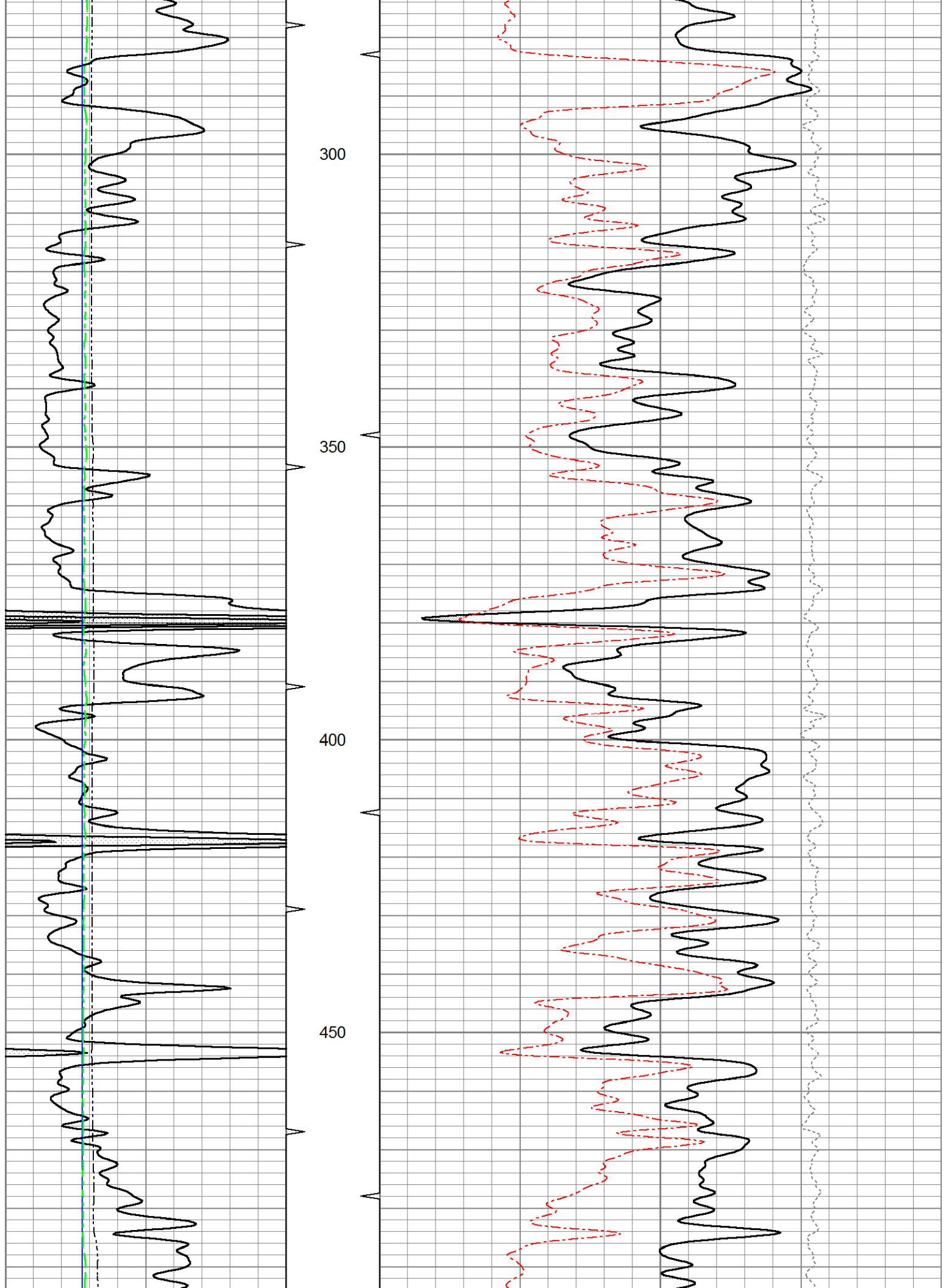


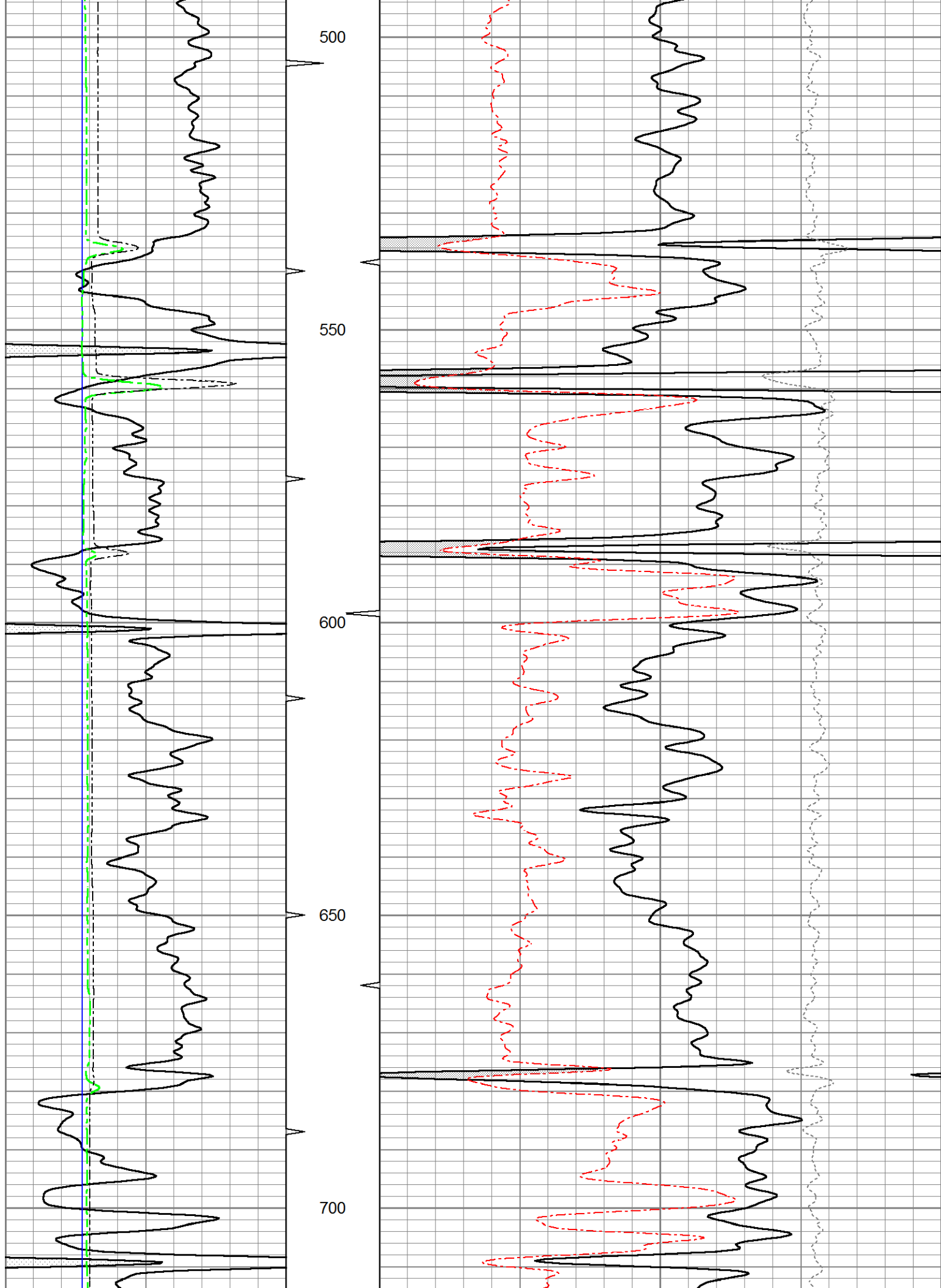
**5" CDL/SWN SECTION**

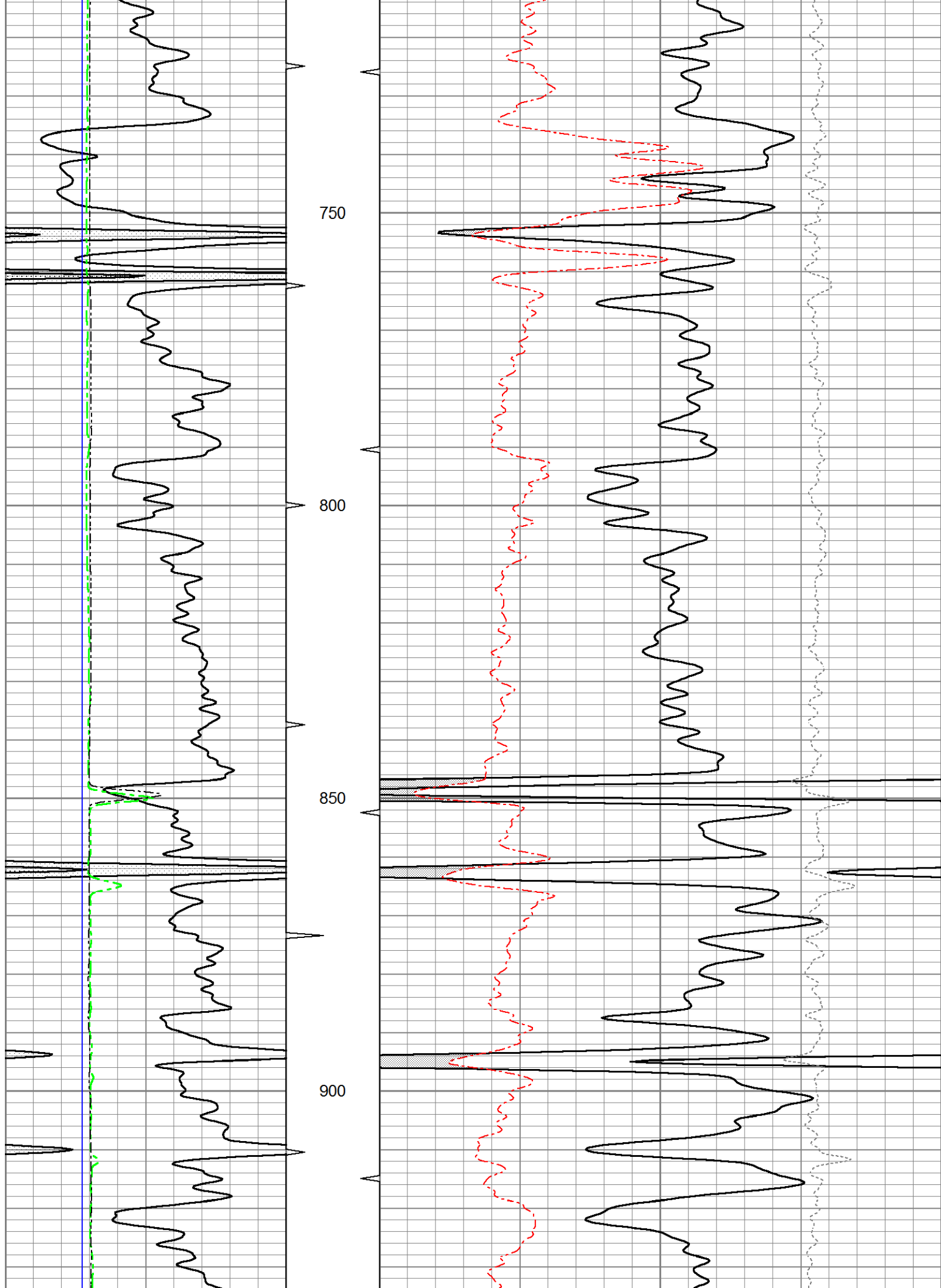
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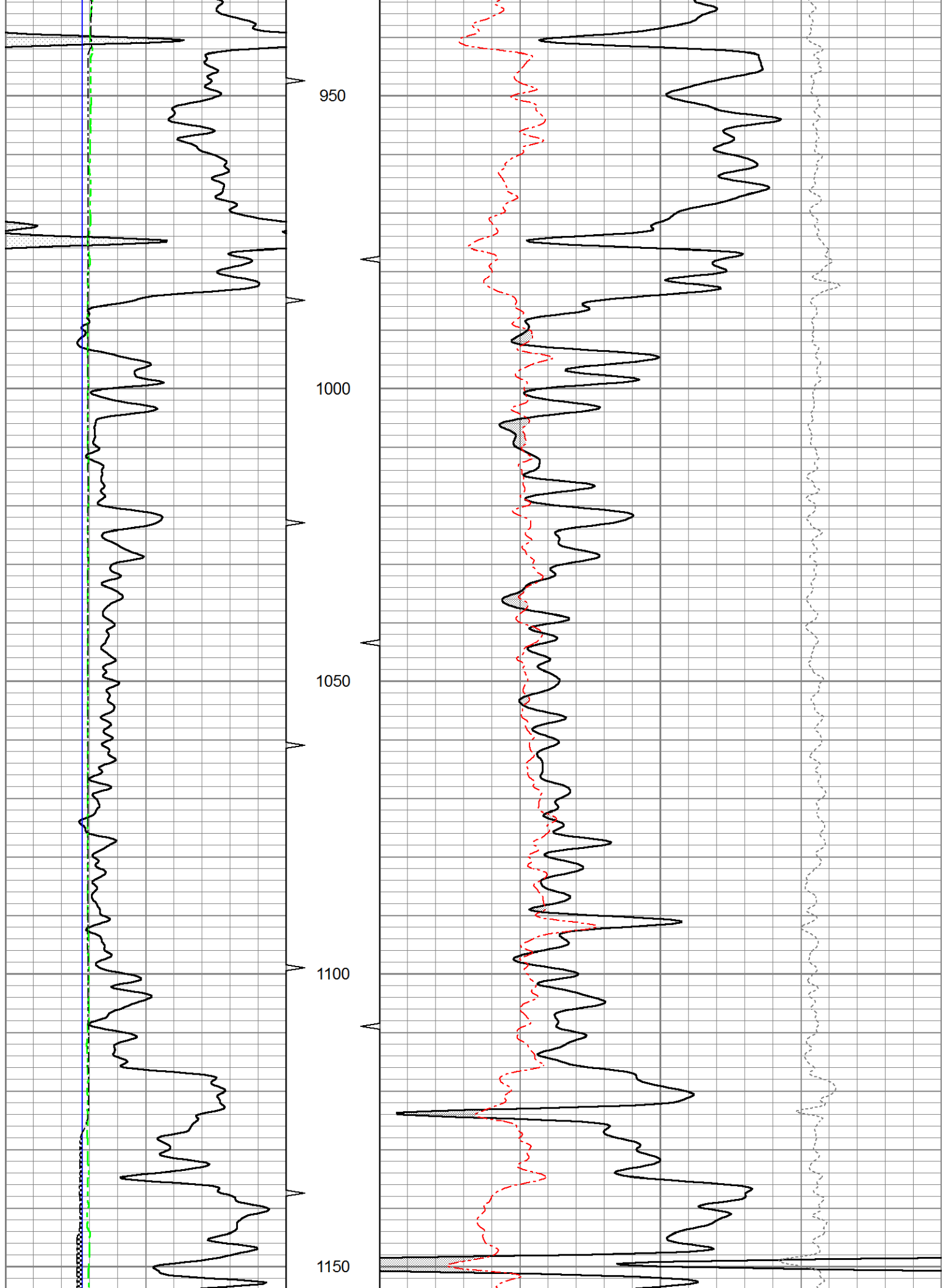
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4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14				

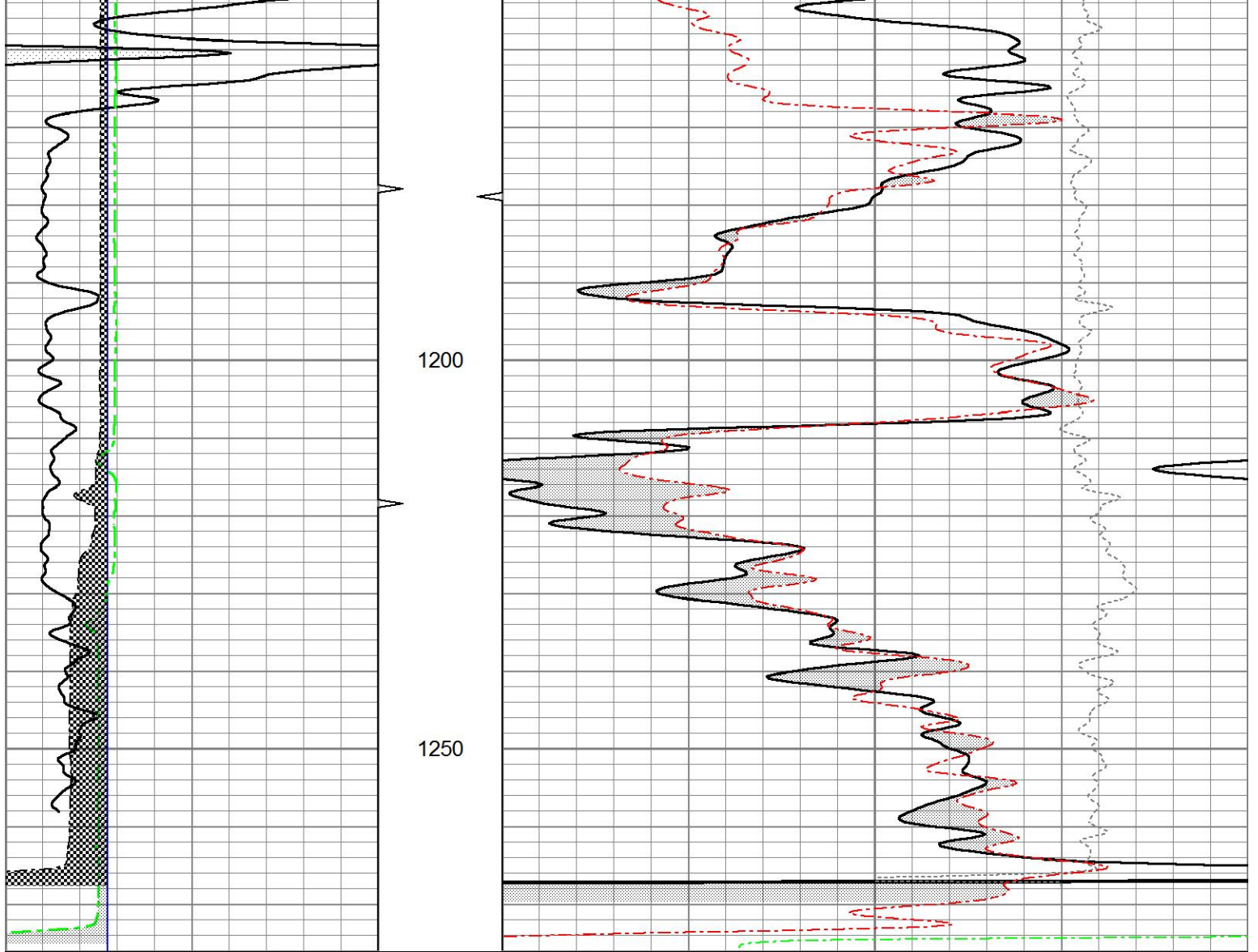












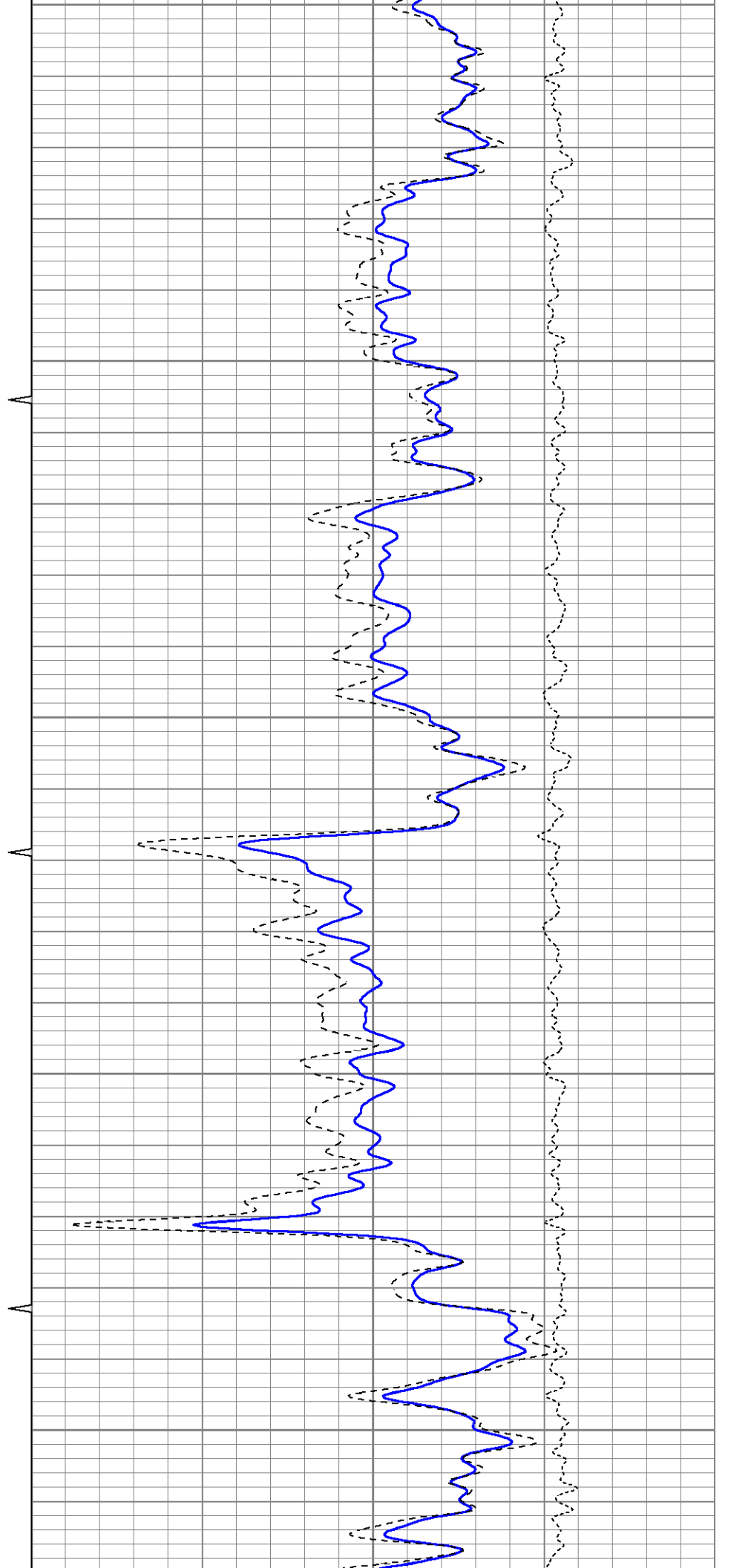
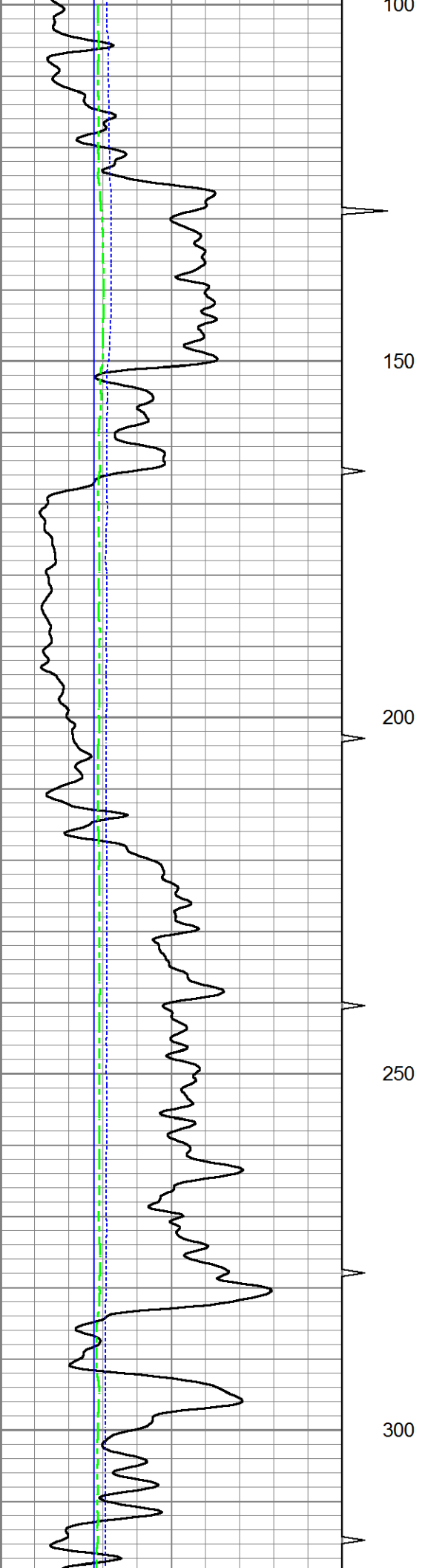
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4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)
4	Density Caliper (in)	14			0.5	

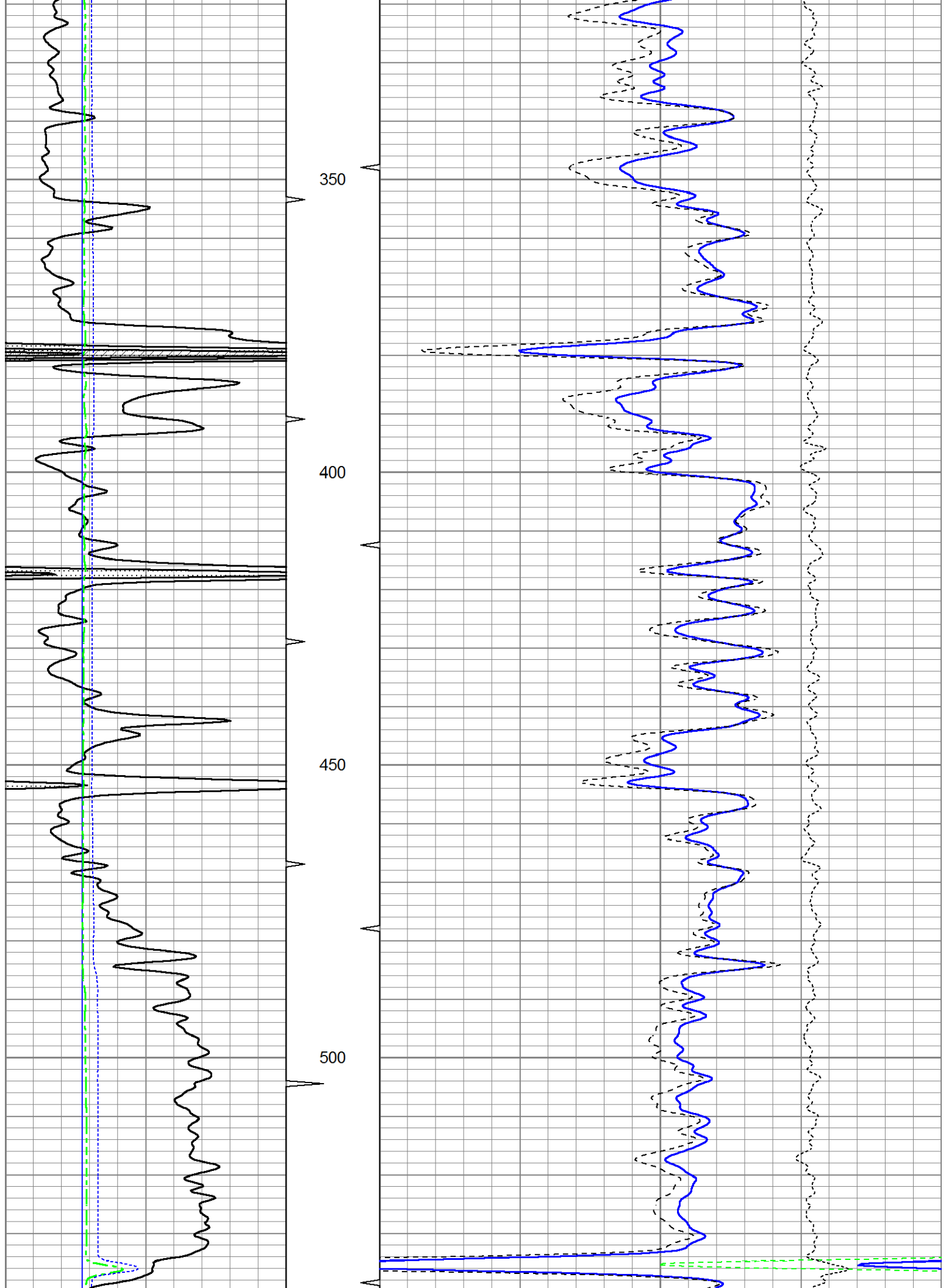


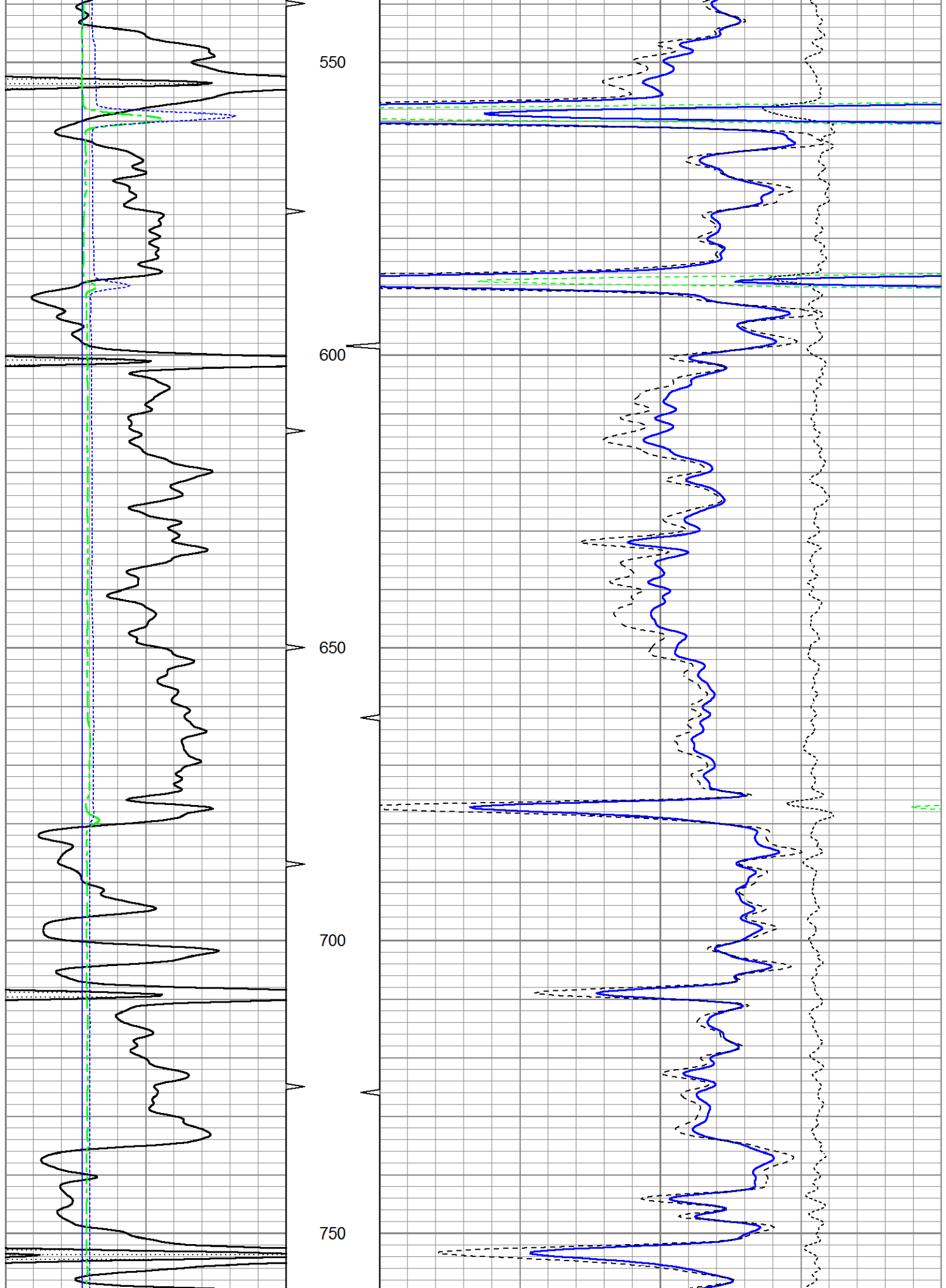
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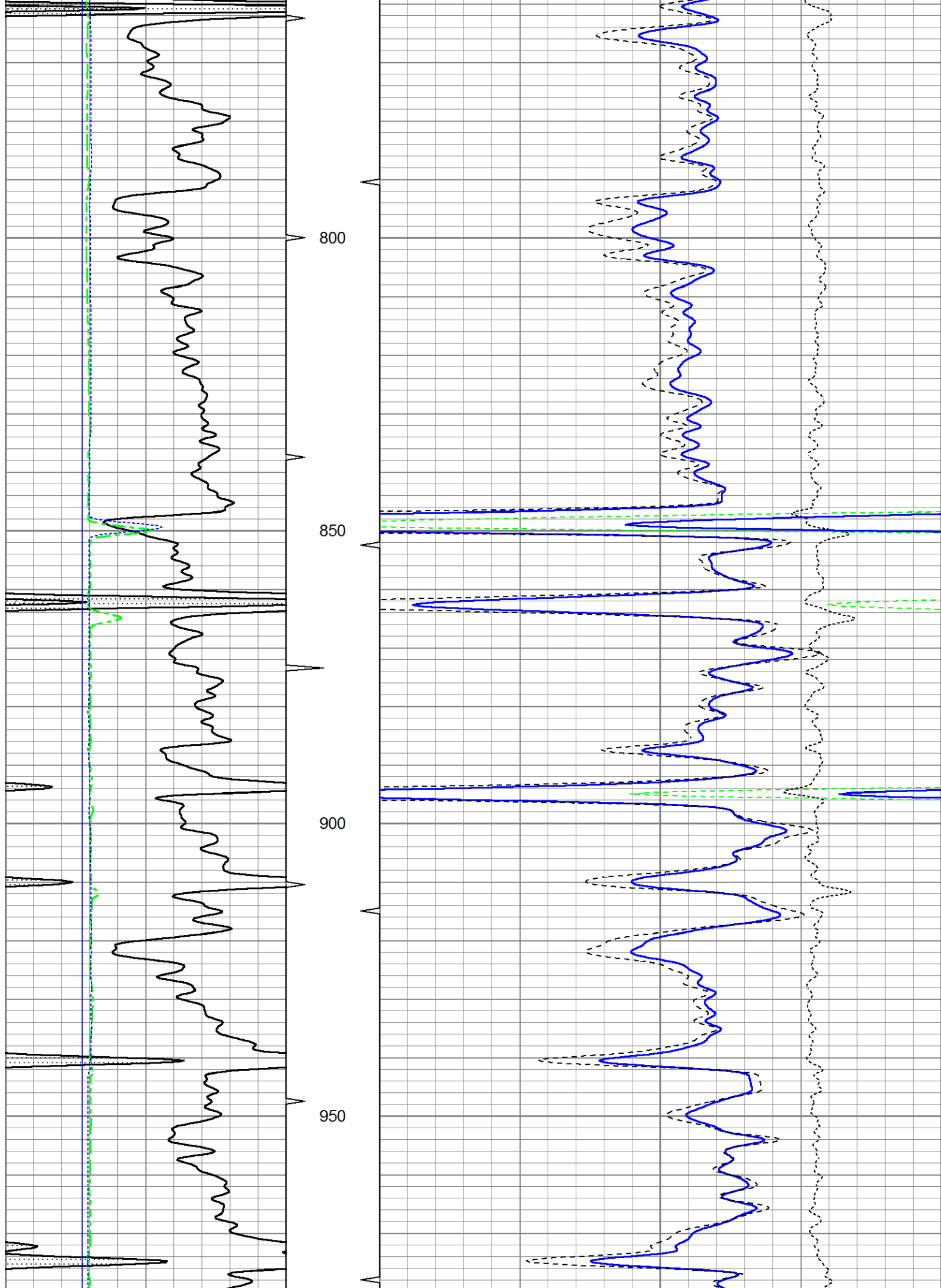
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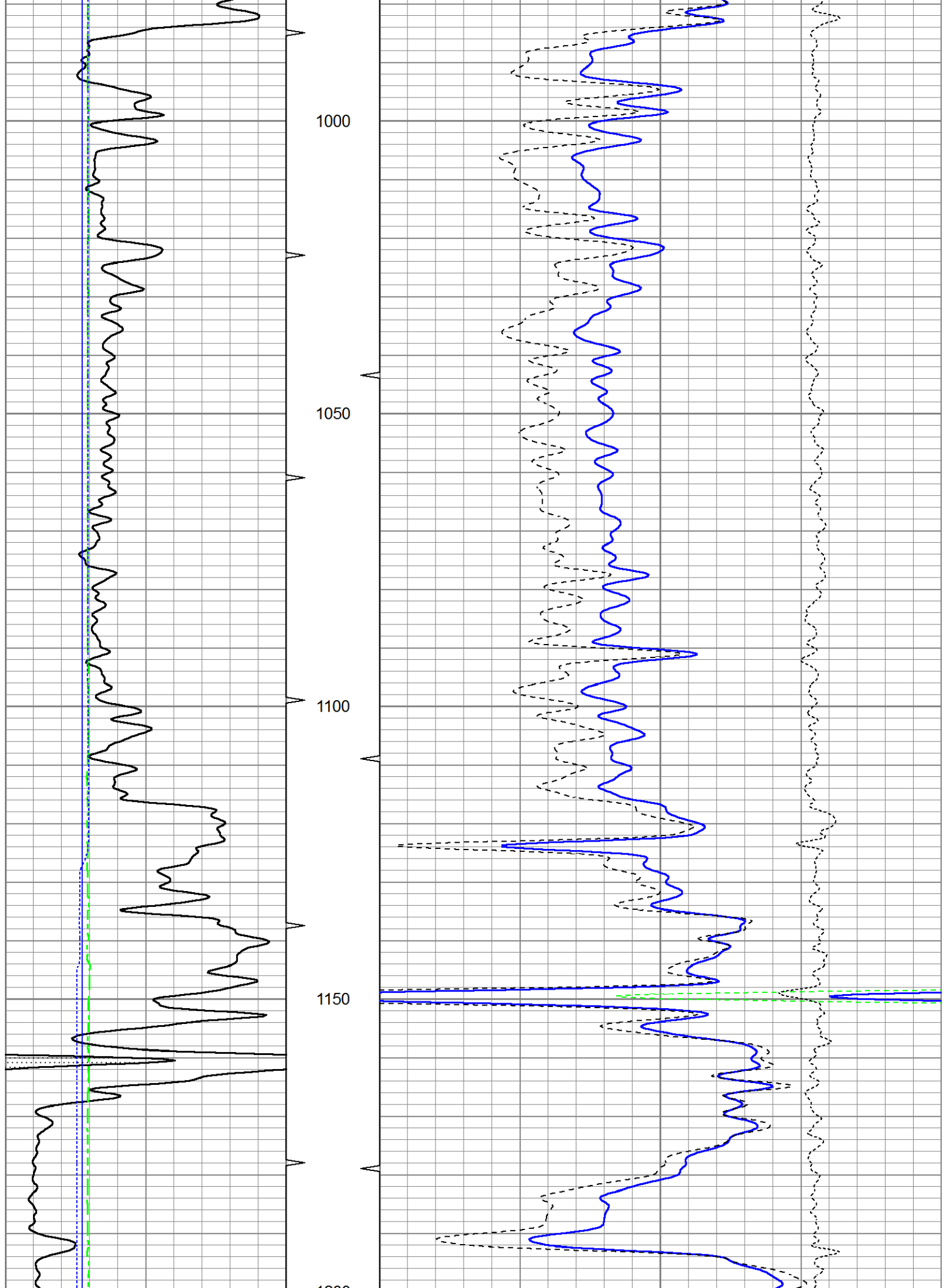
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4	Density Caliper (in)	14			0.5	

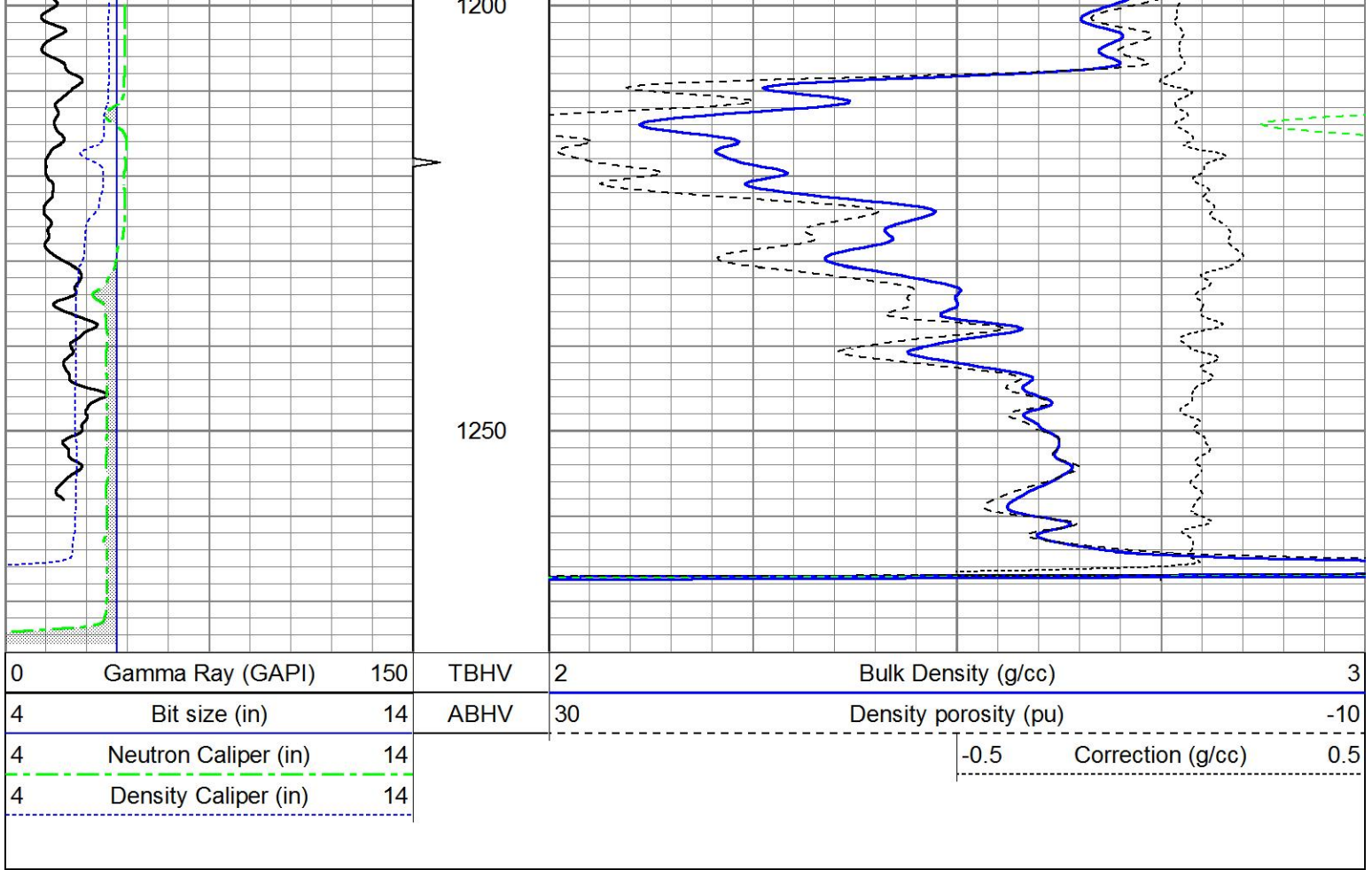








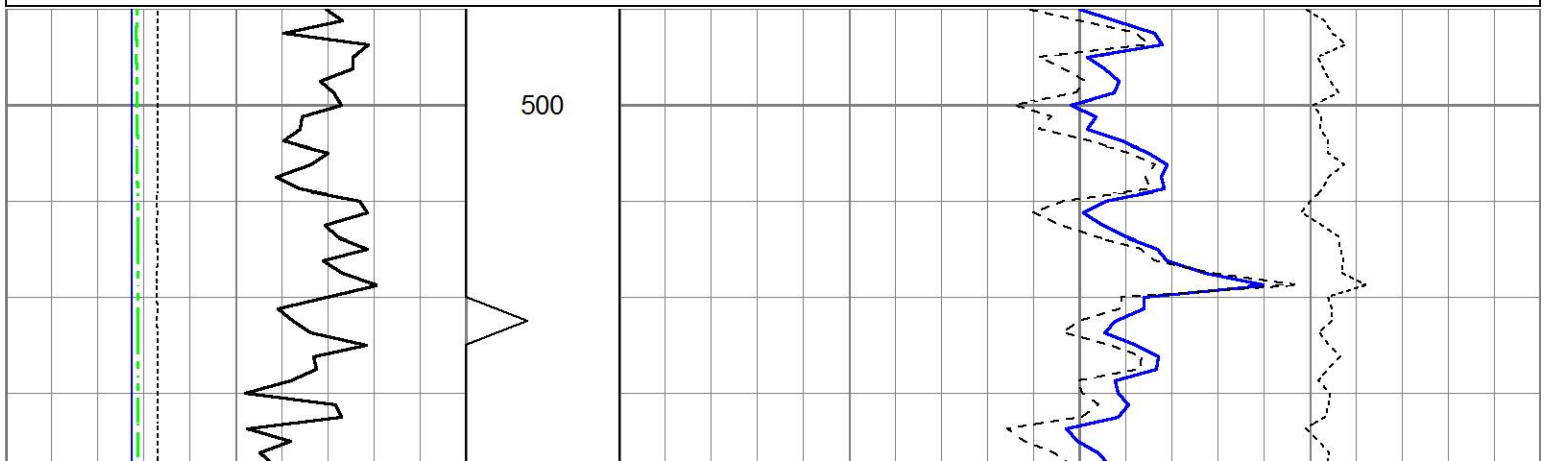


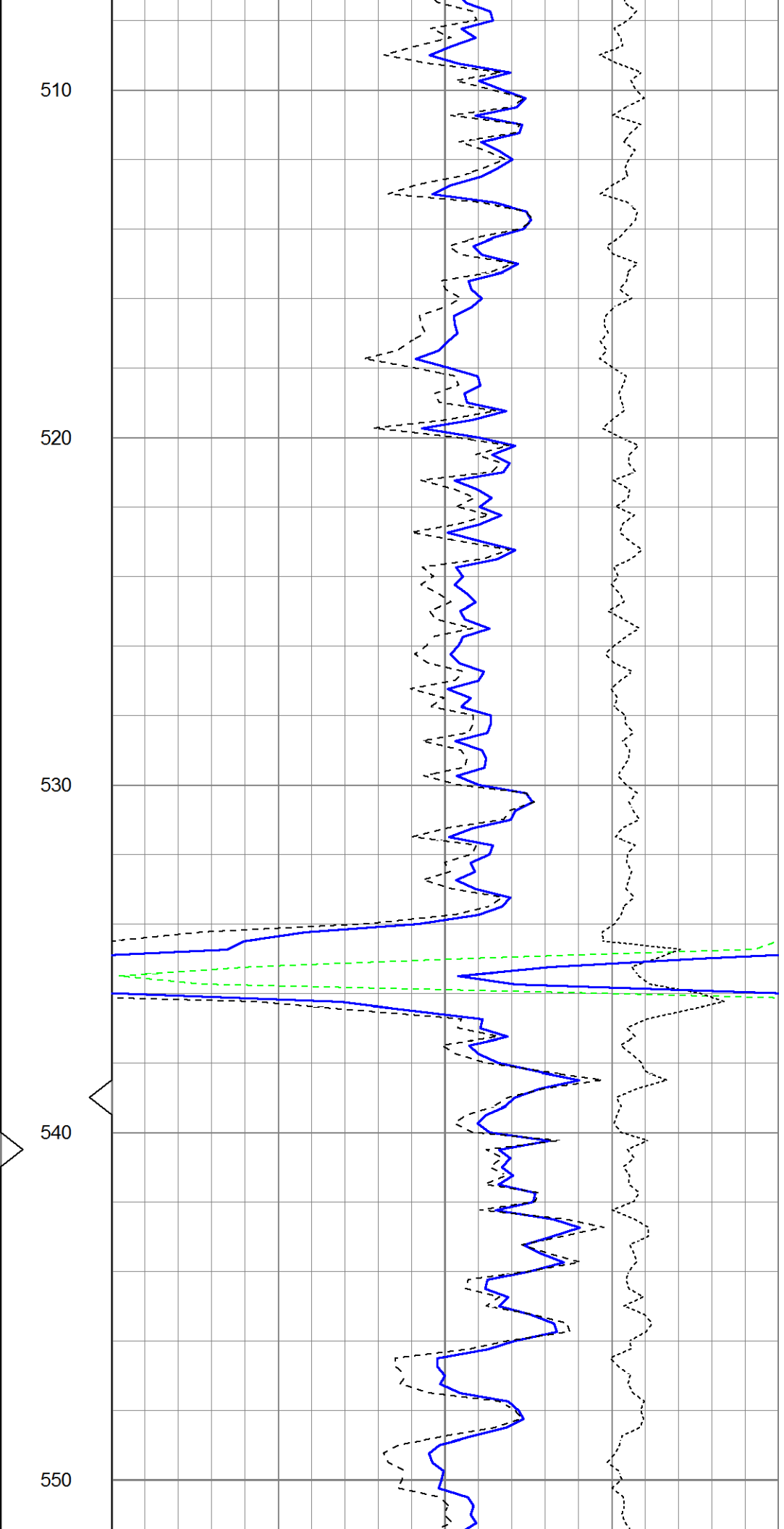
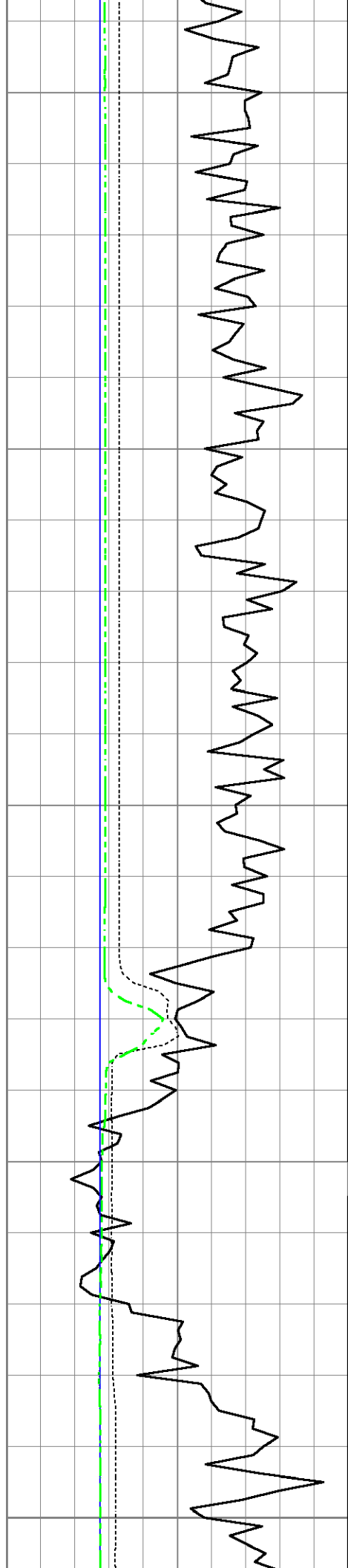


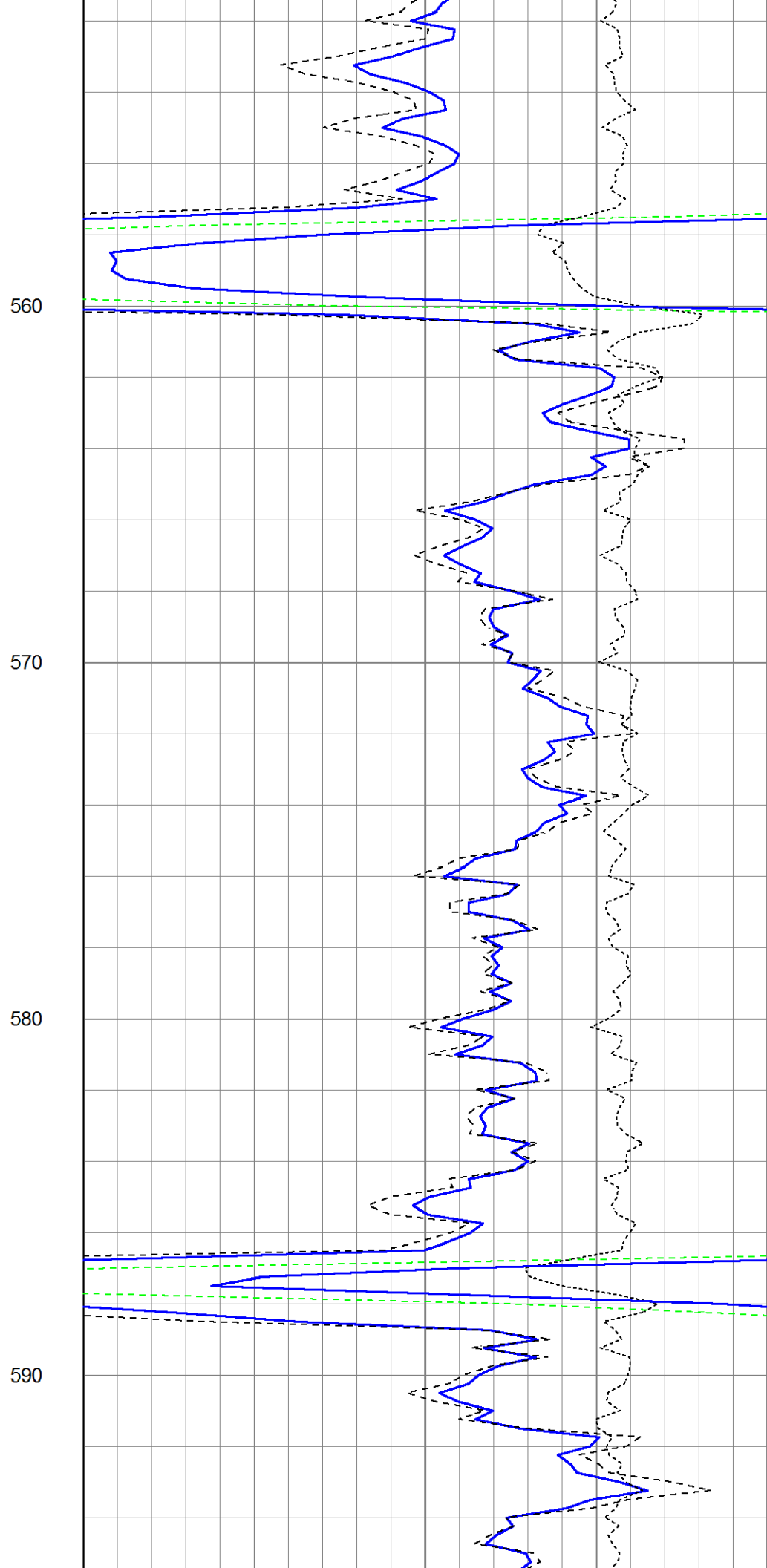
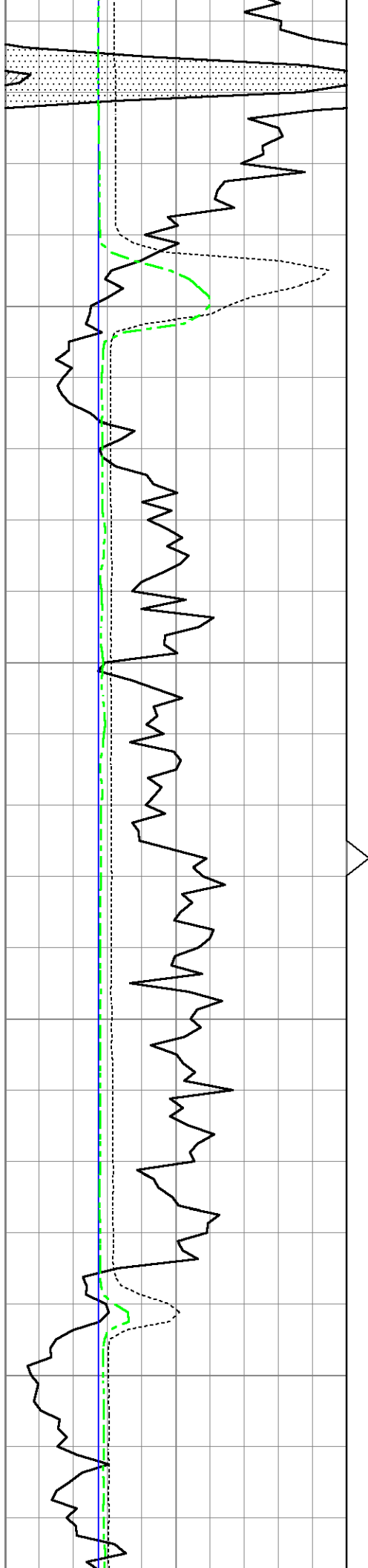
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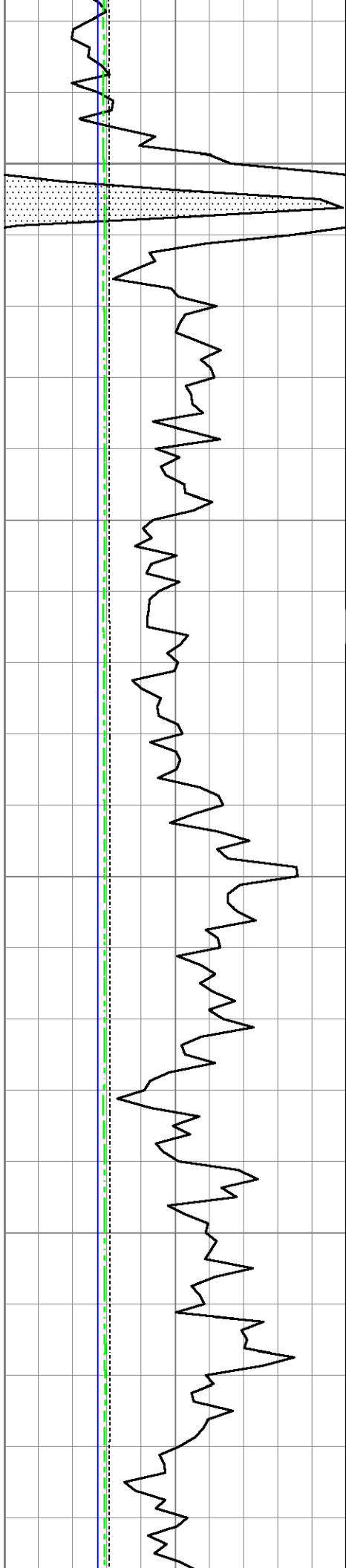
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4	Density Caliper (in)	14			-0.5	Correction (g/cc)
4	Neutron Caliper (in)	14				0.5







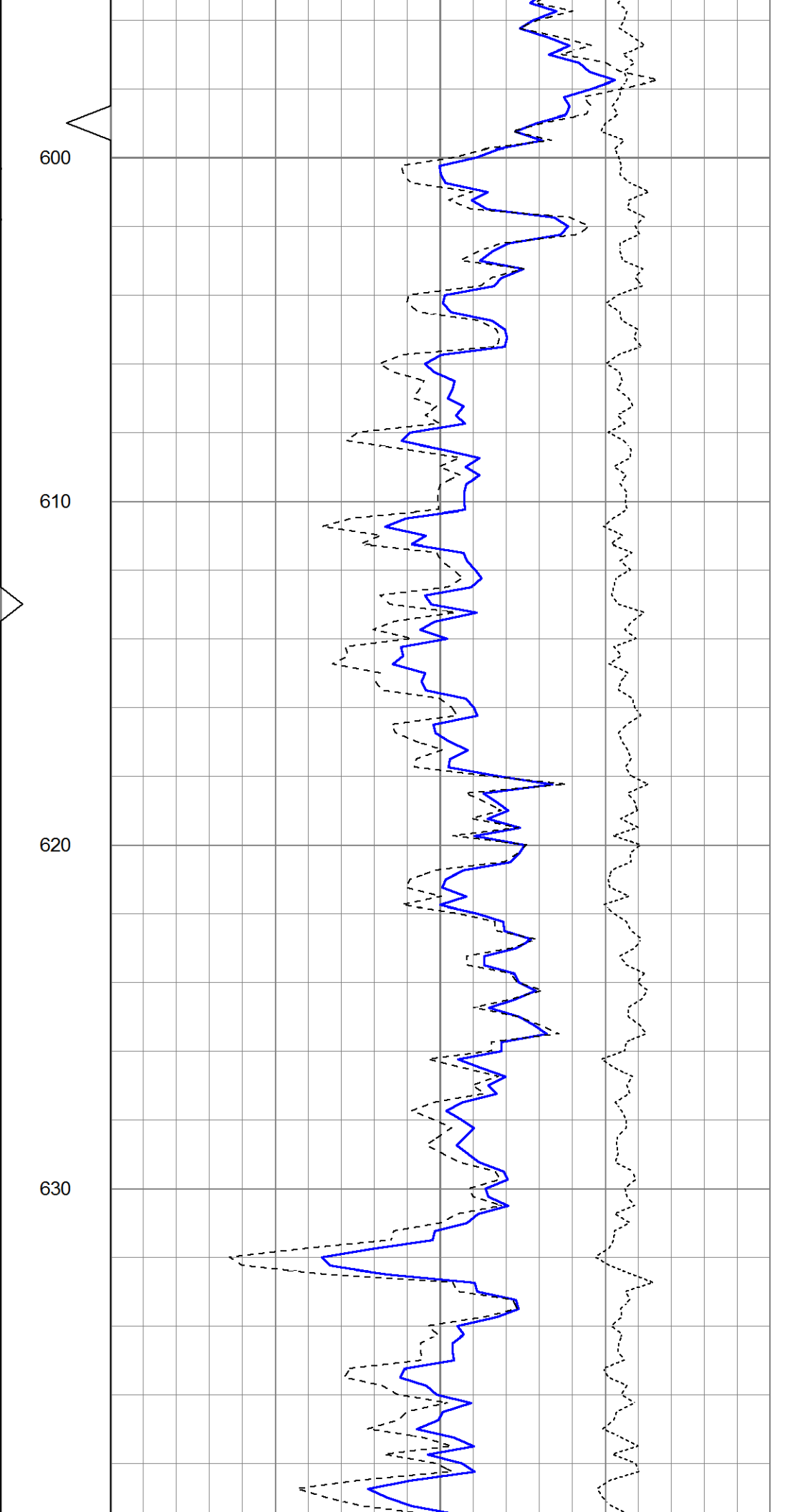


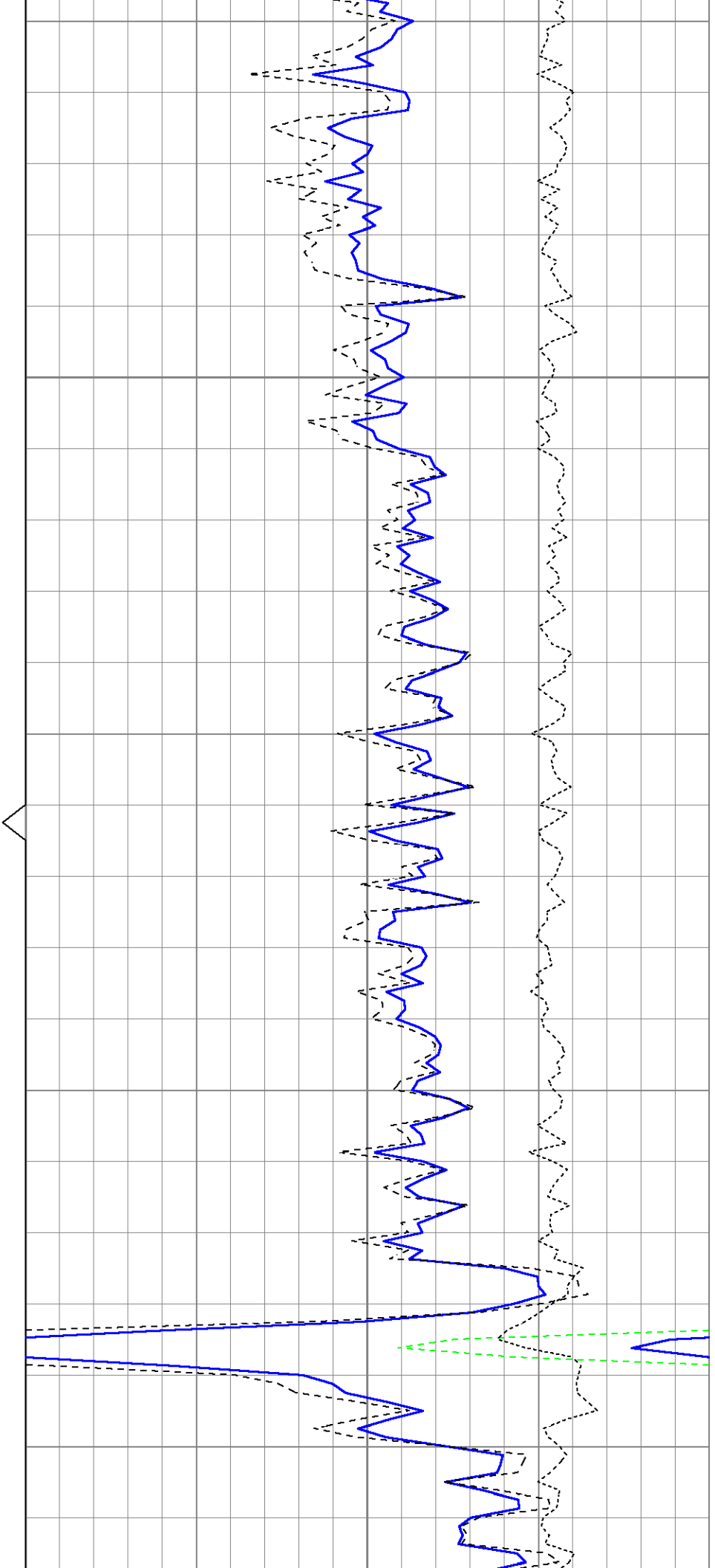
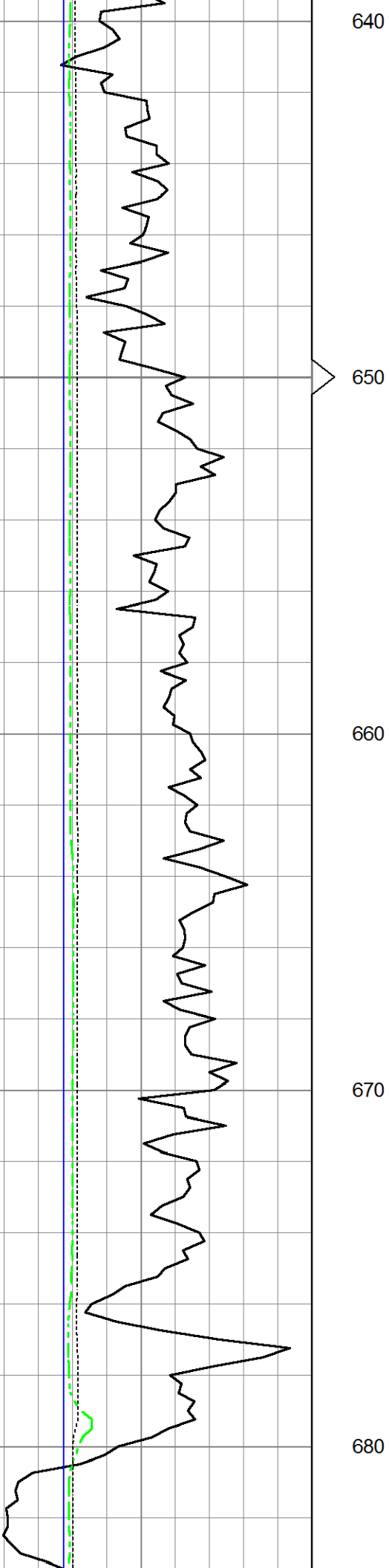
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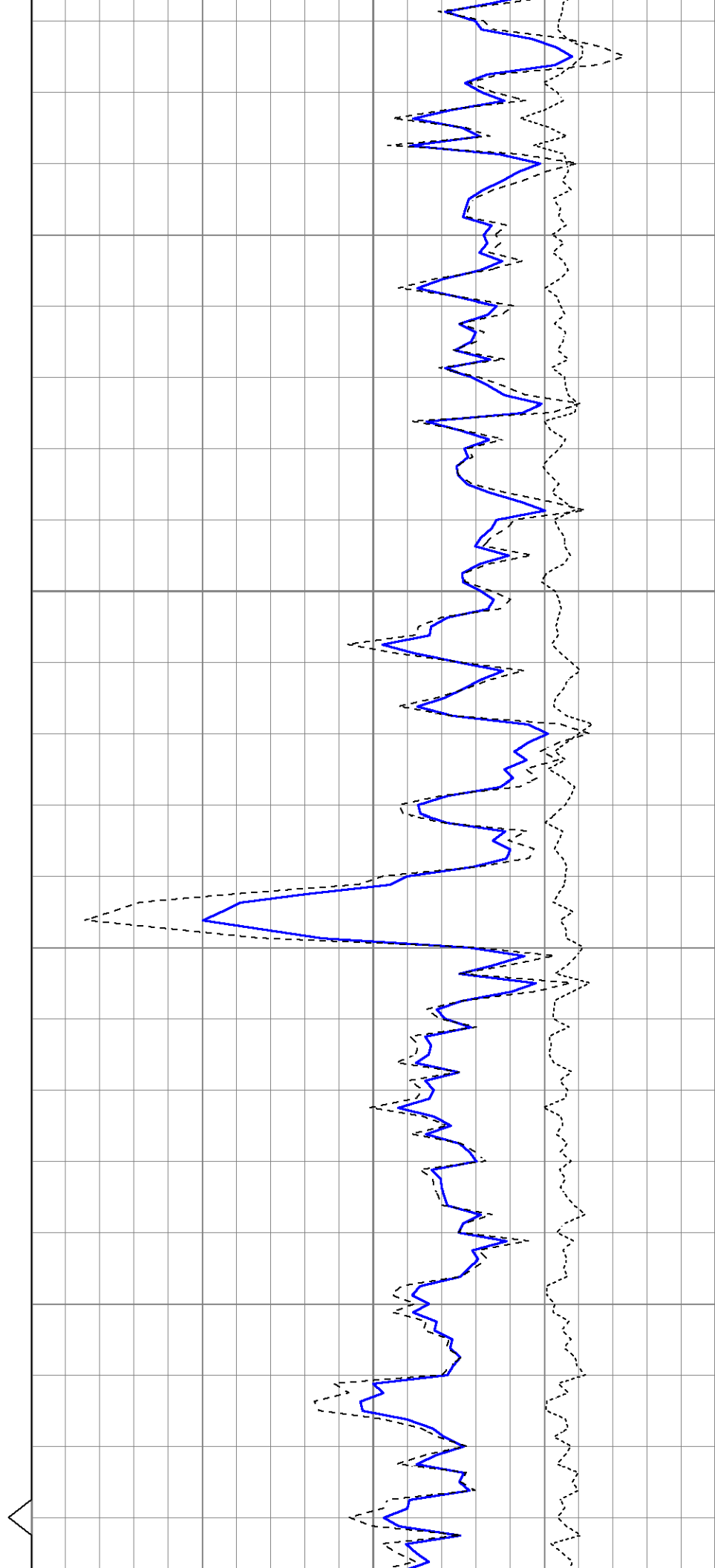
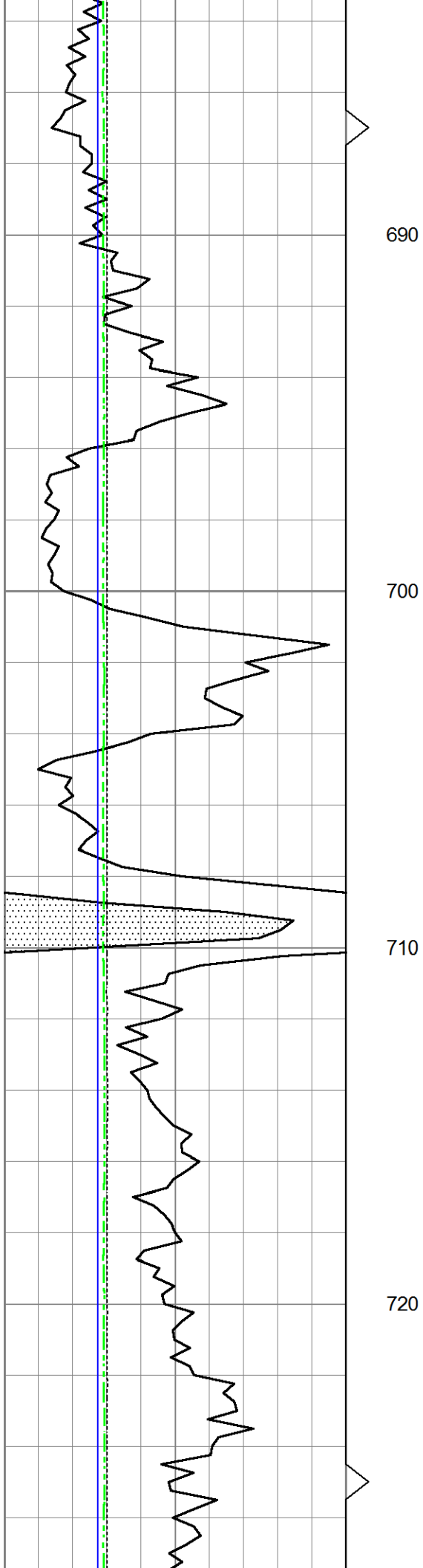
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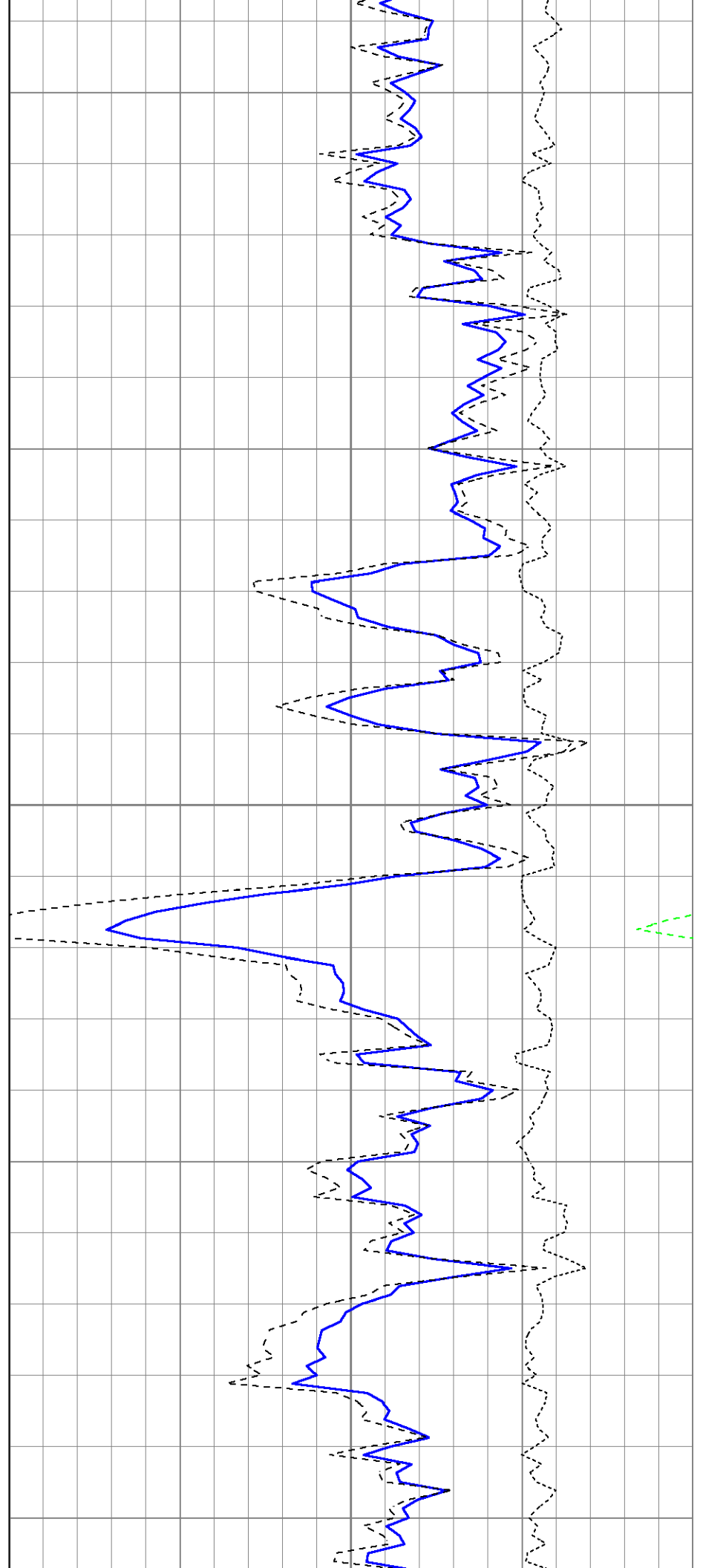
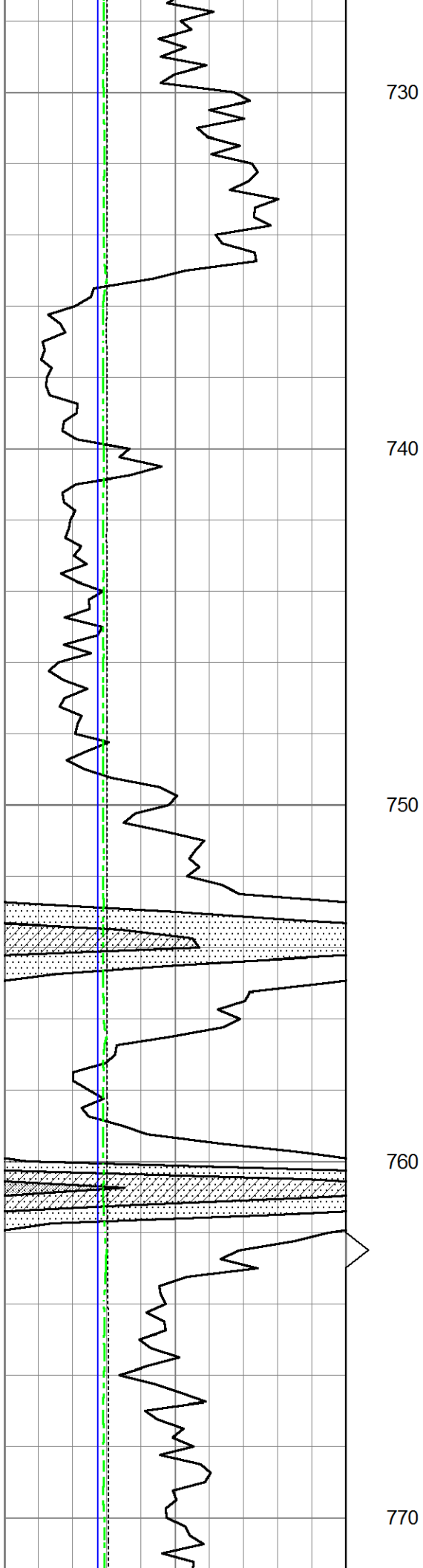
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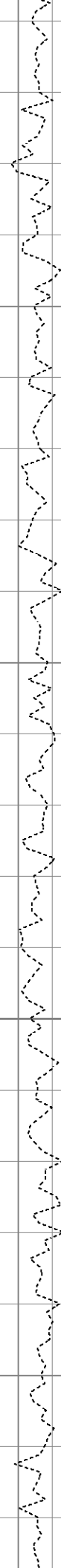
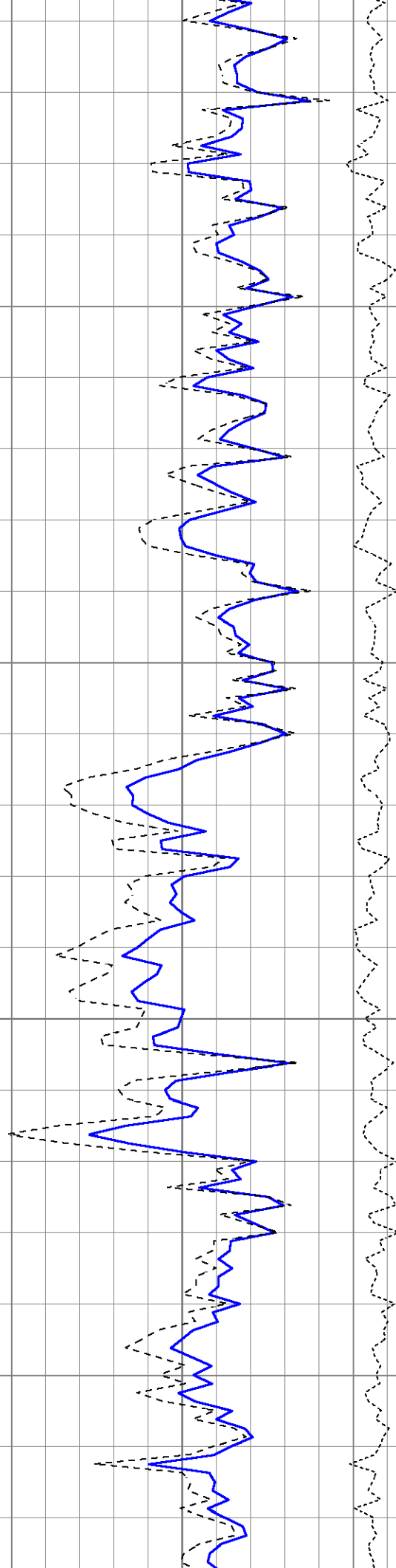


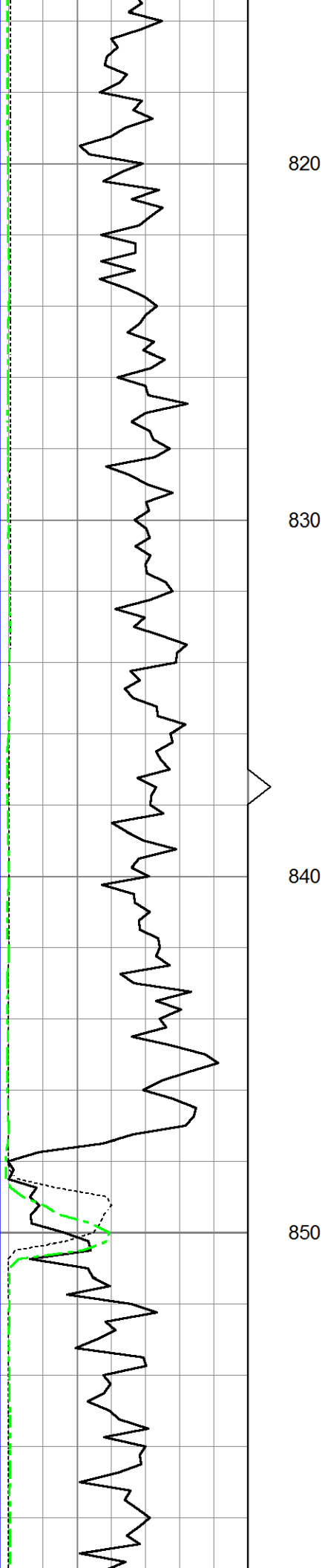
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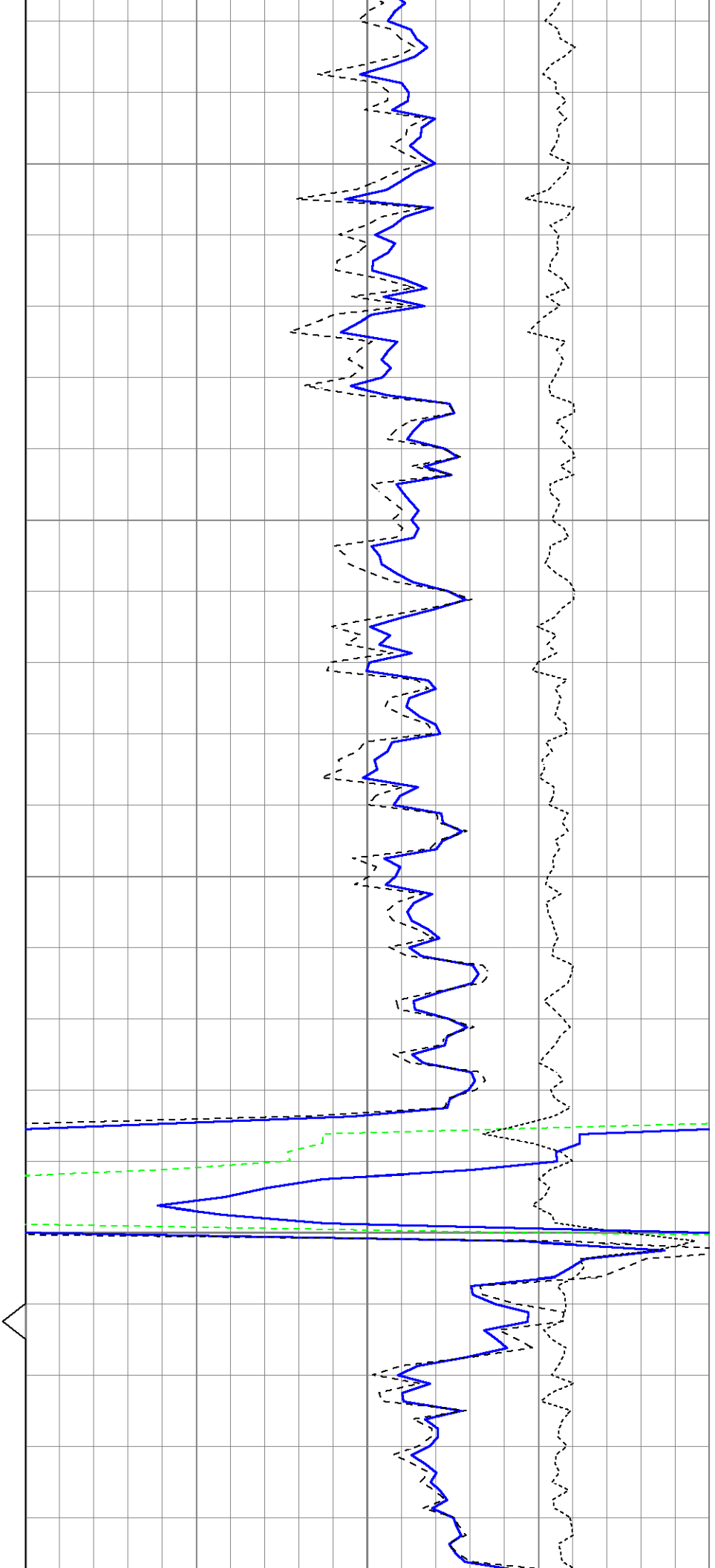


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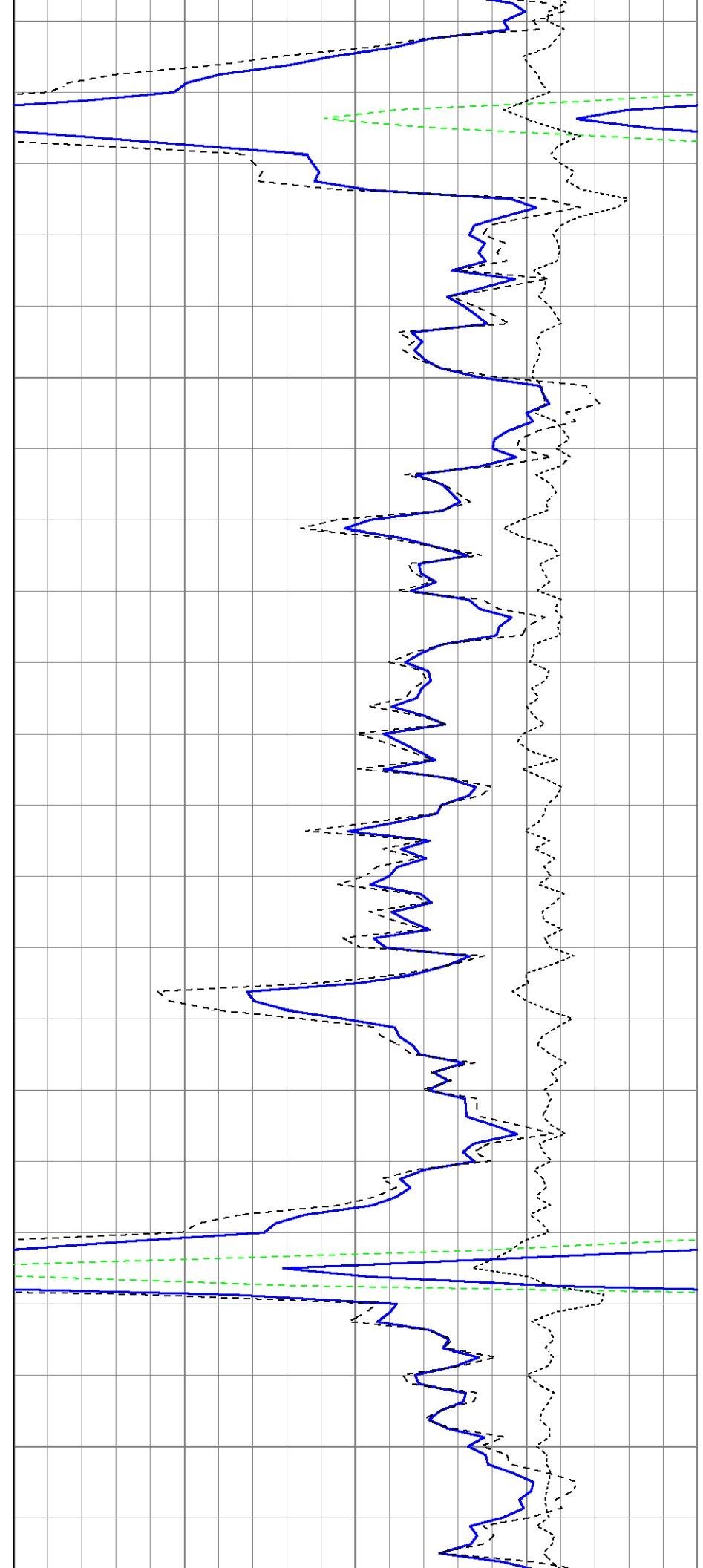
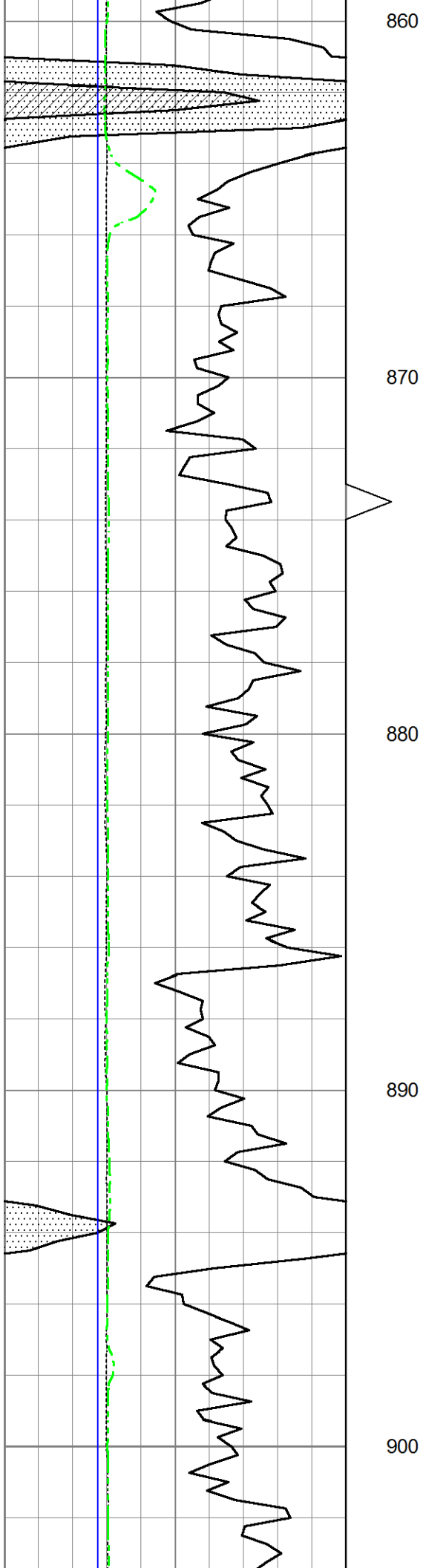


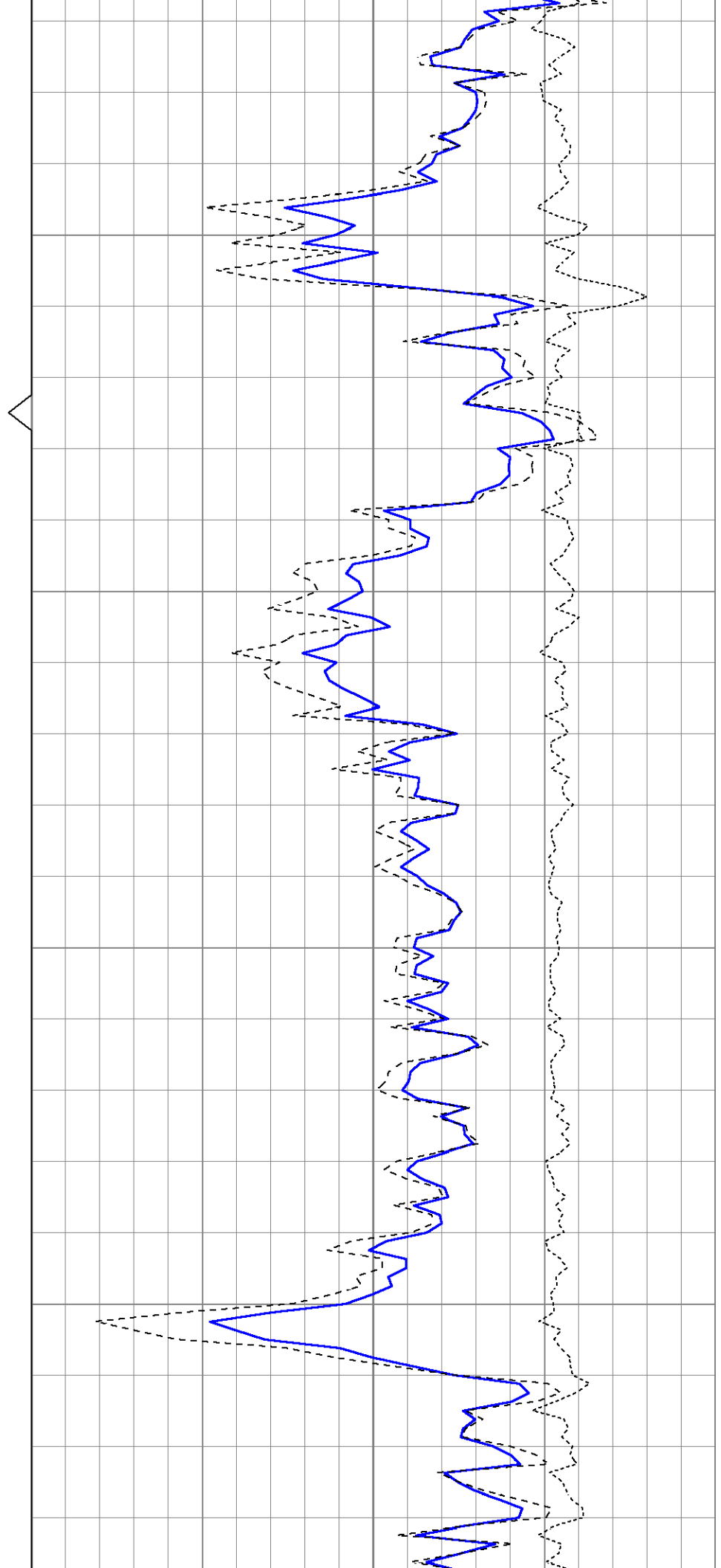
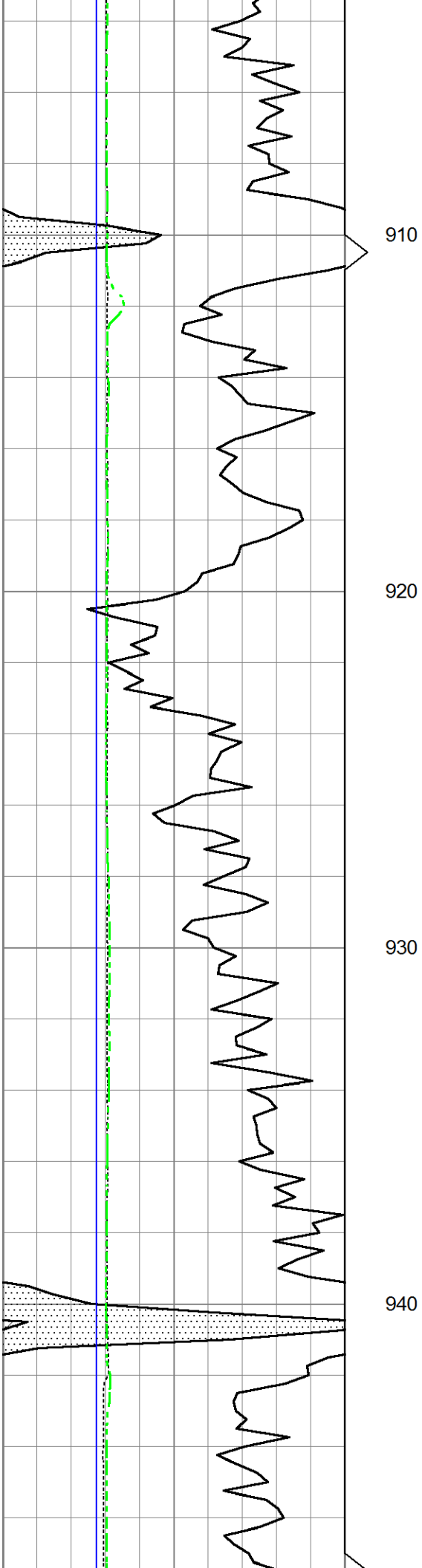
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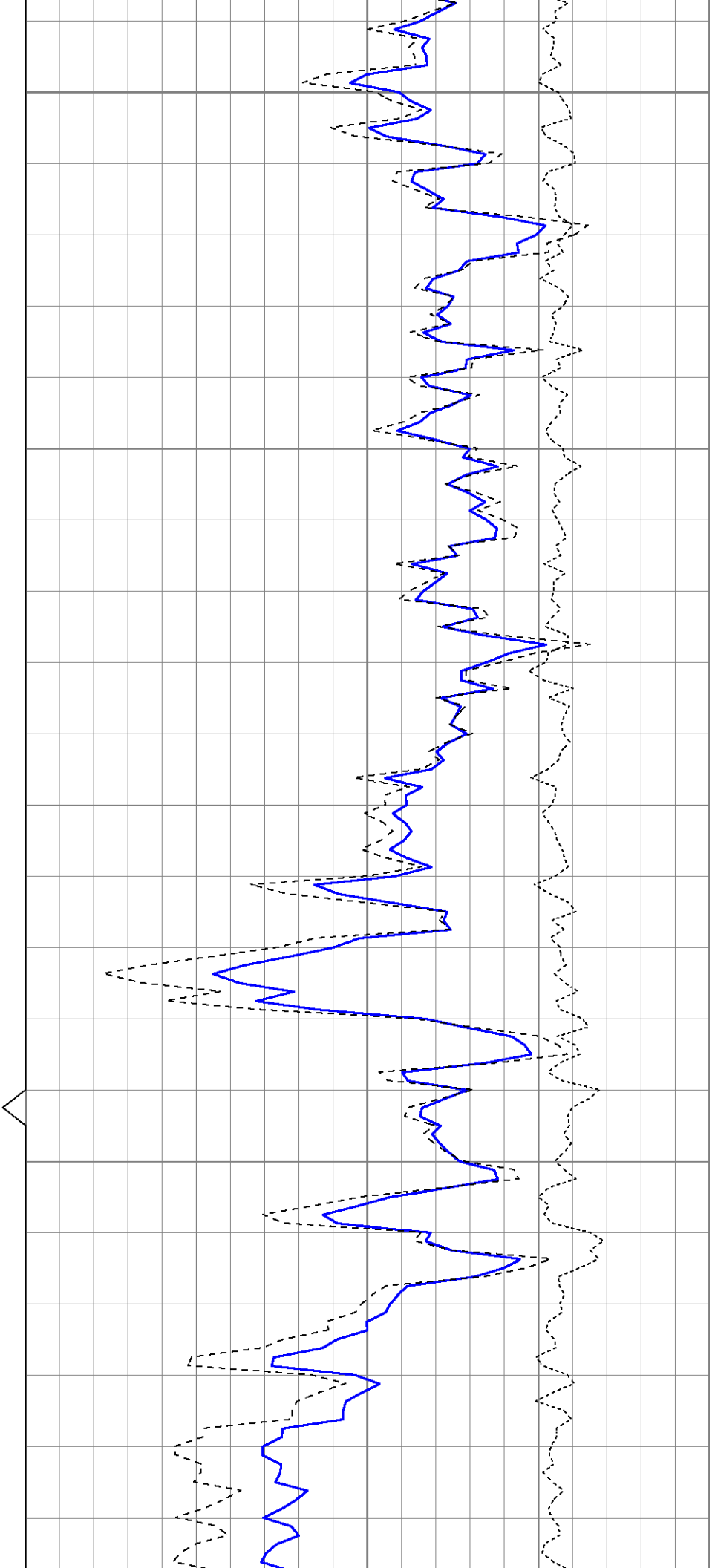
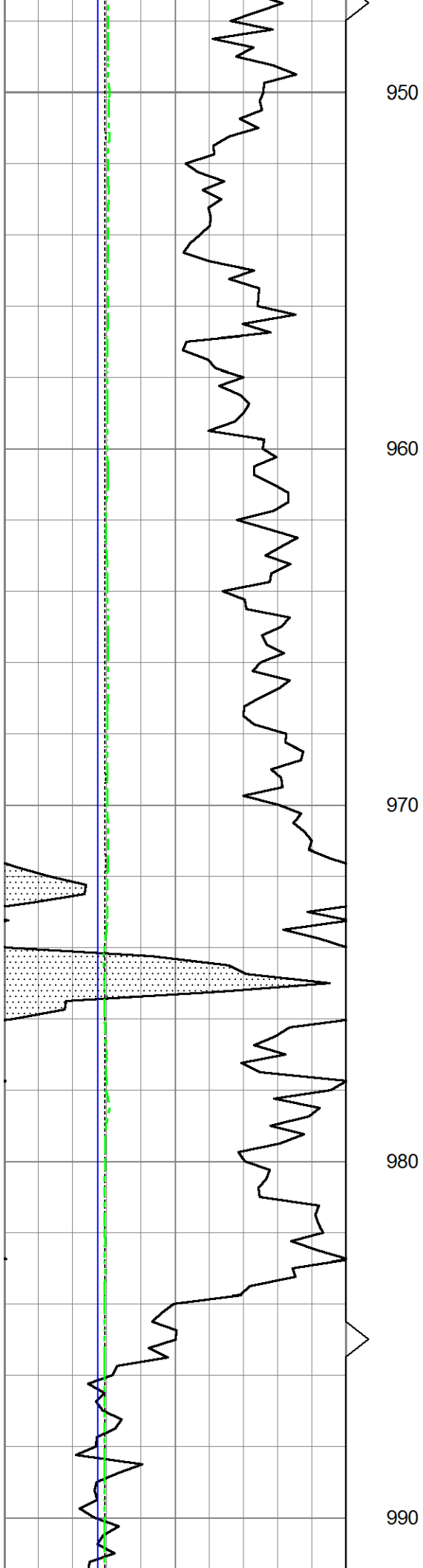
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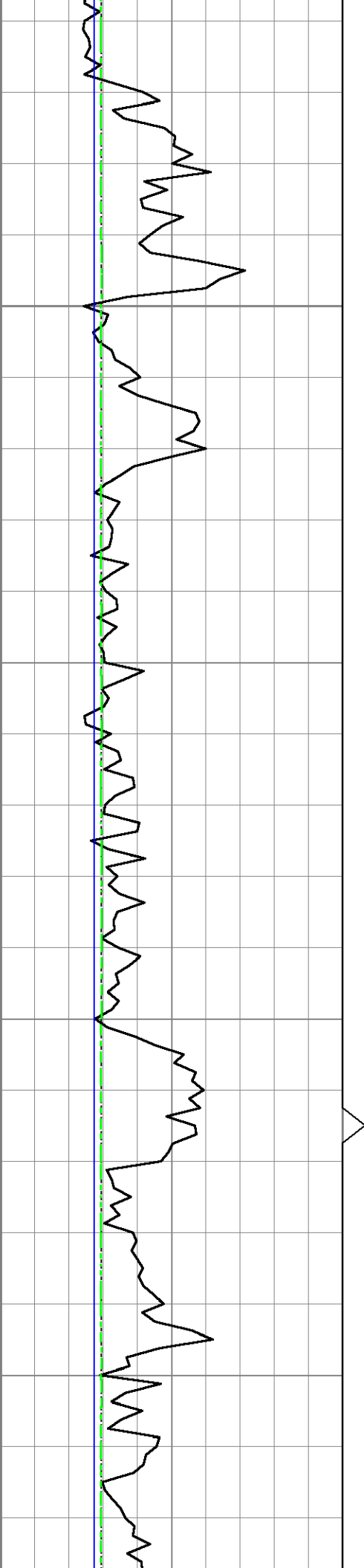
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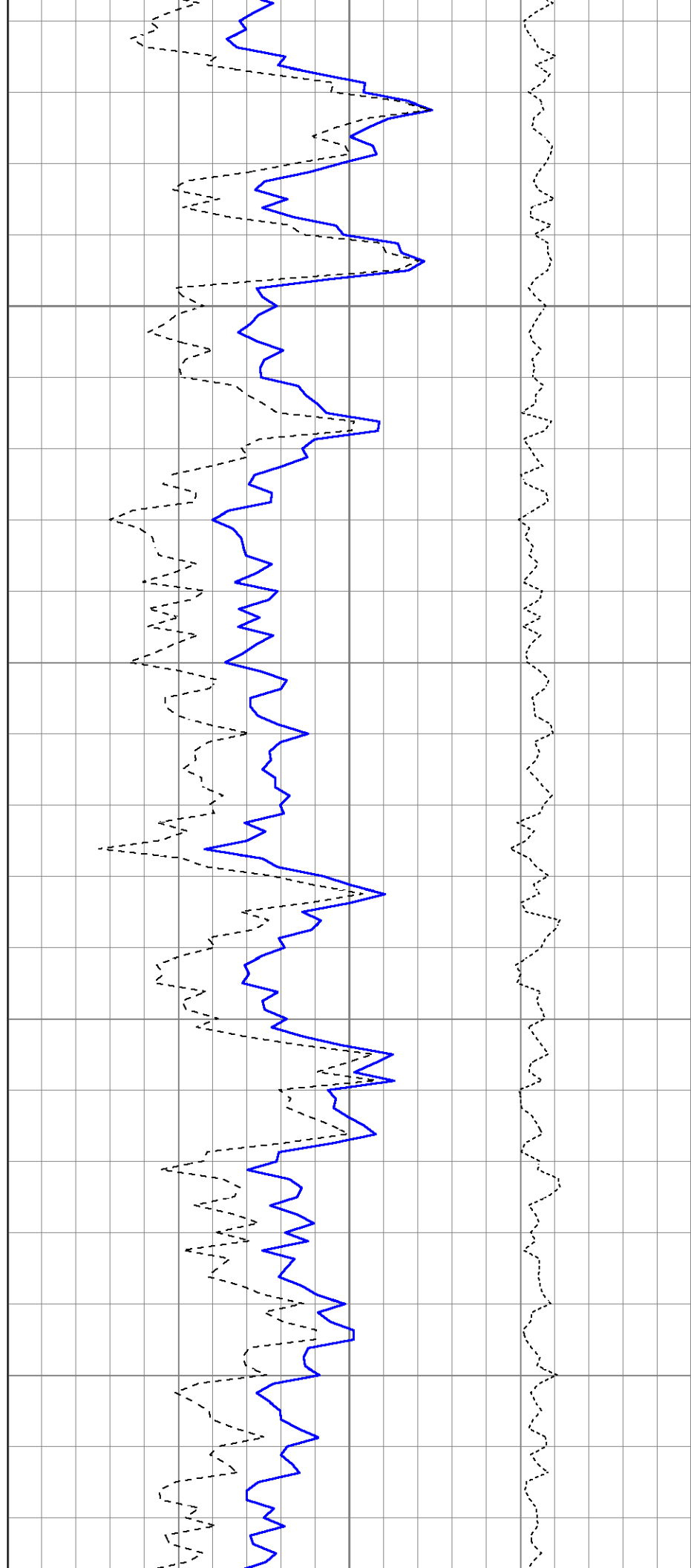


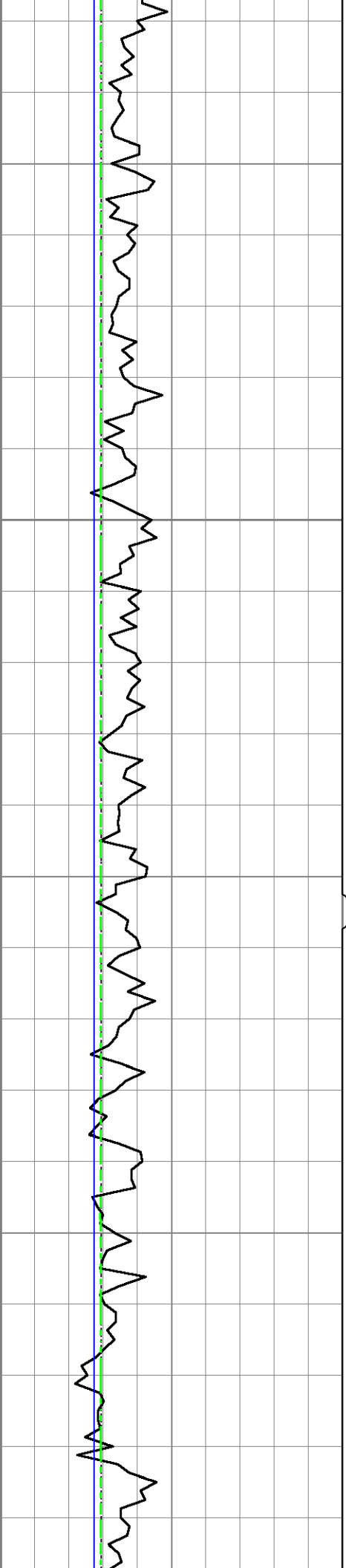
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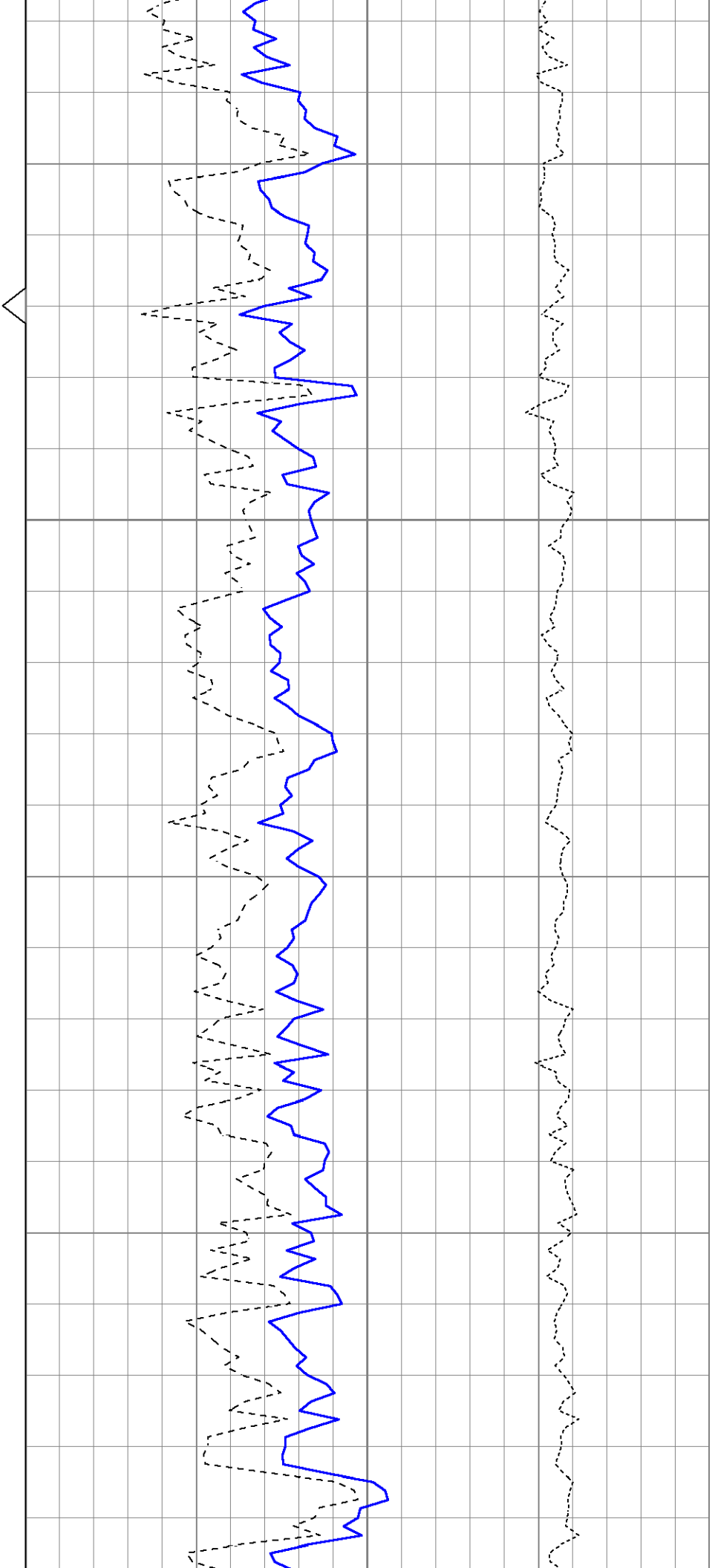


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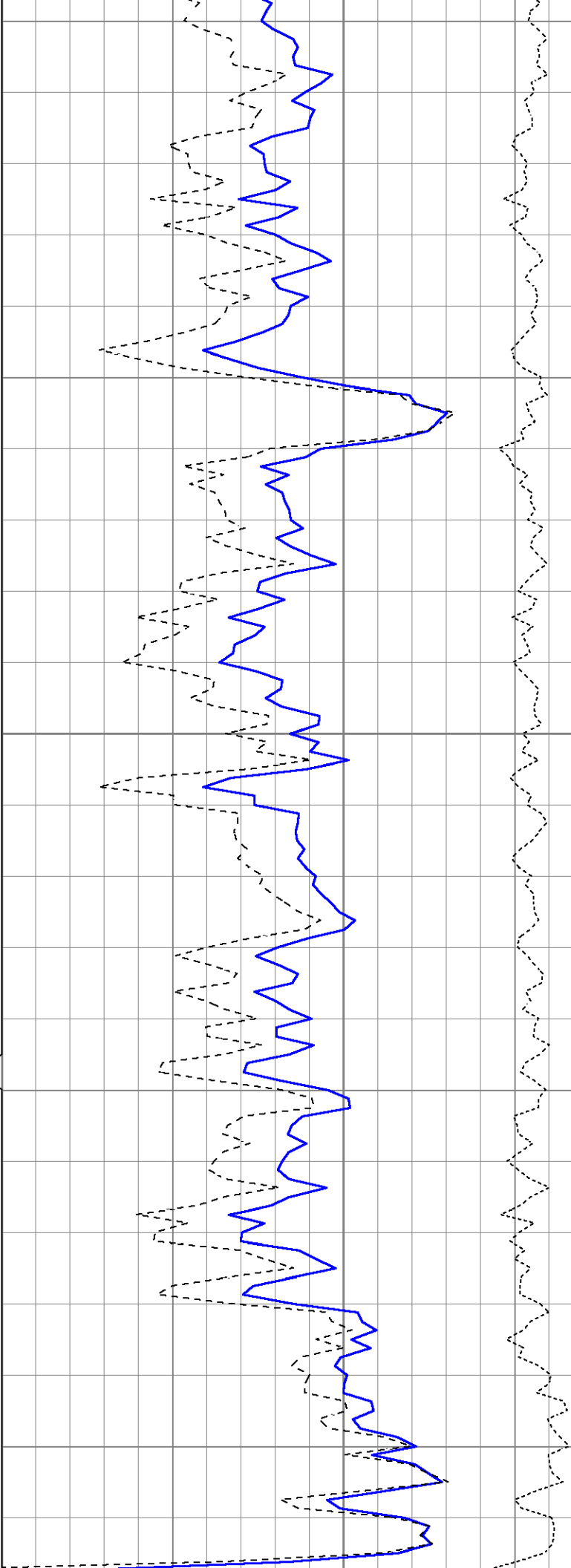
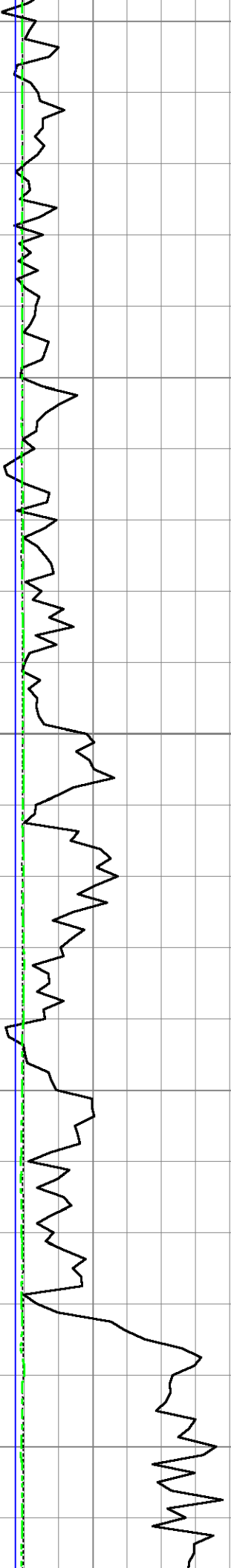
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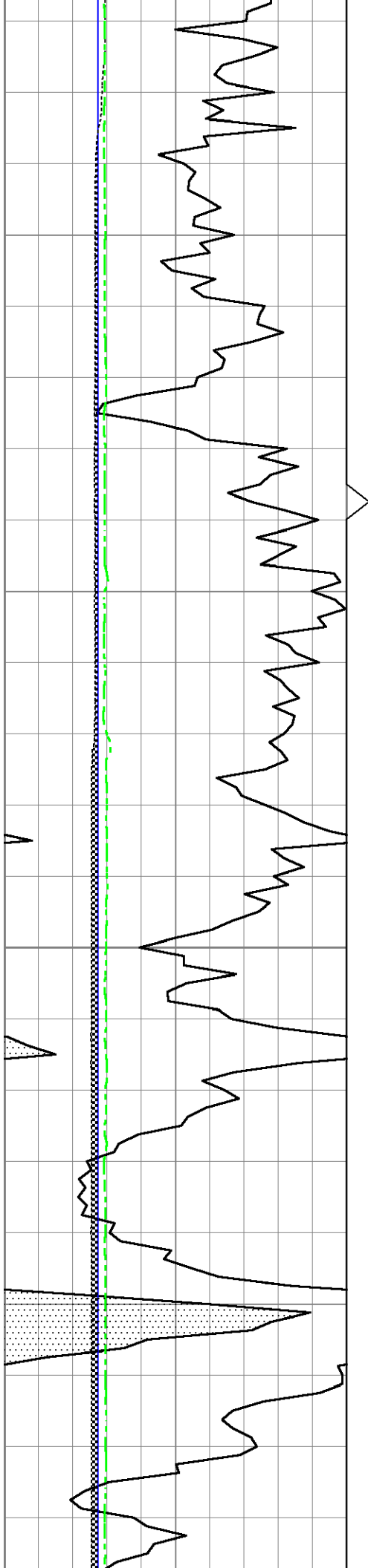
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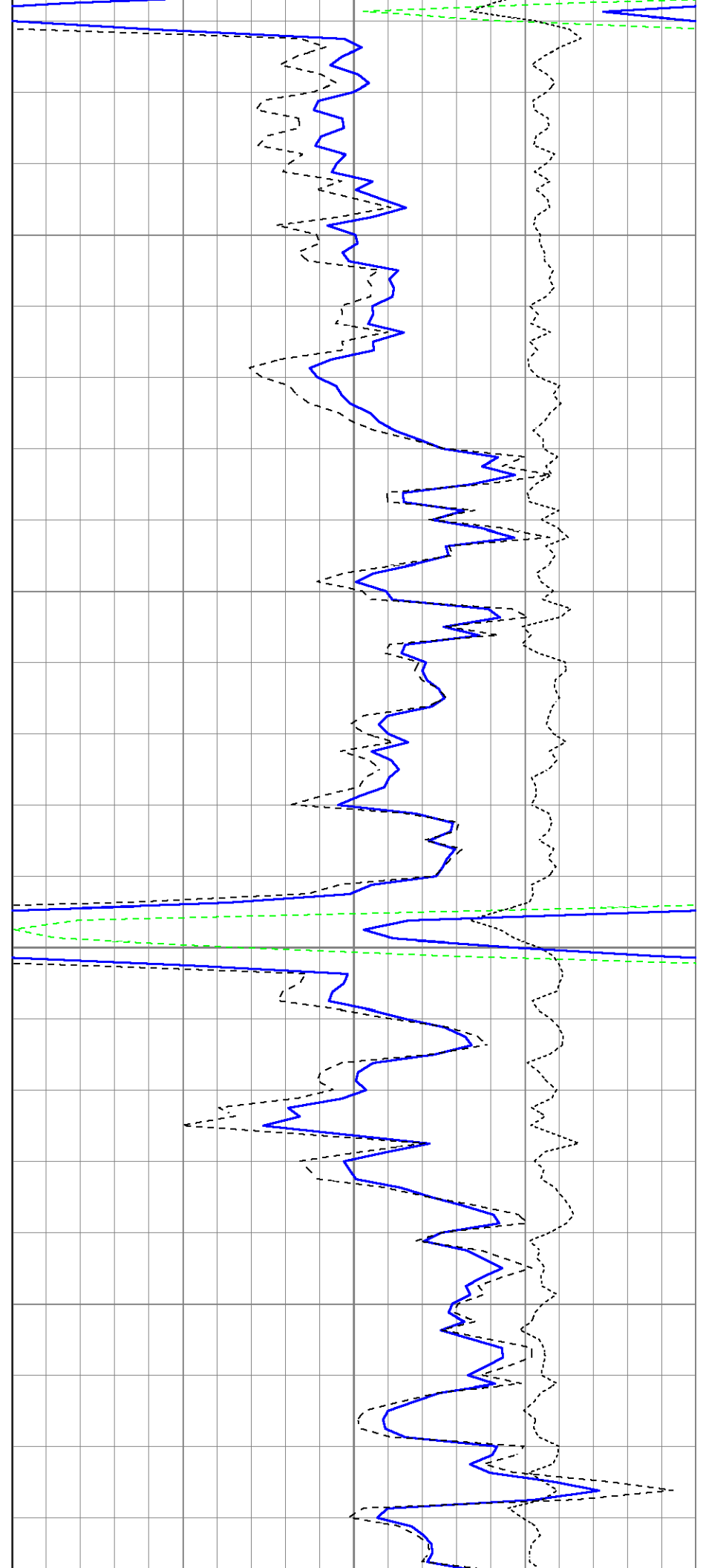


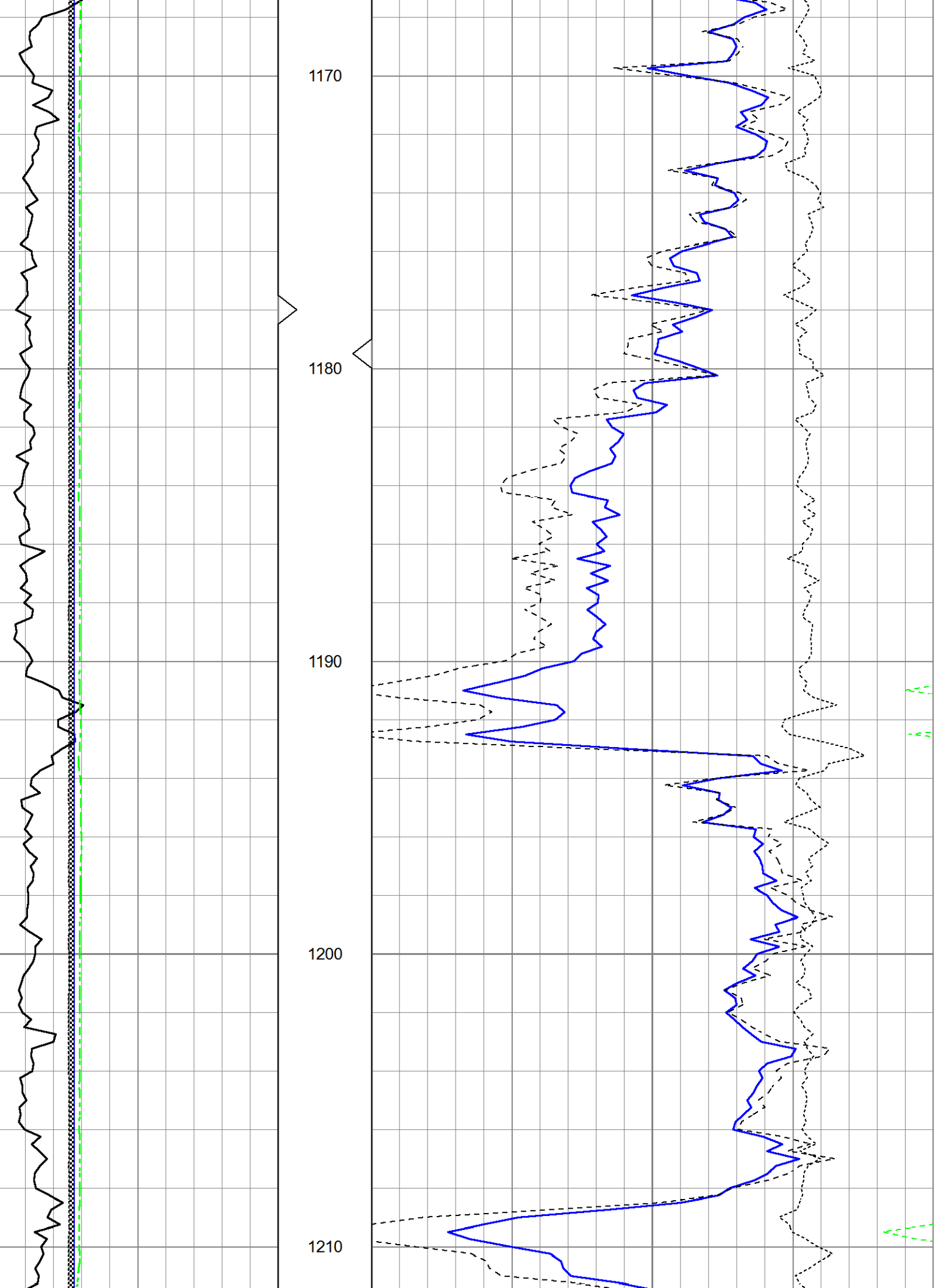
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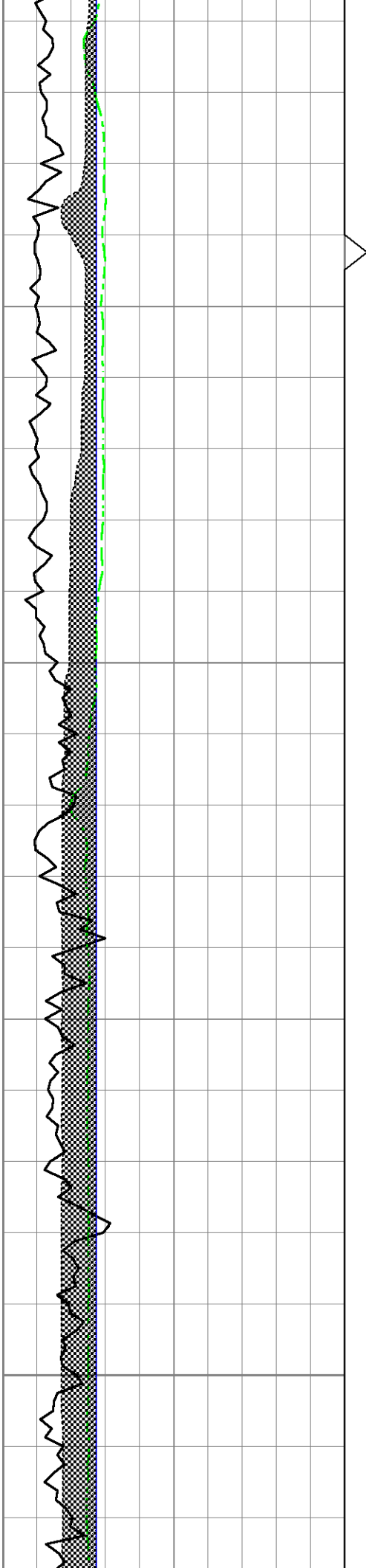
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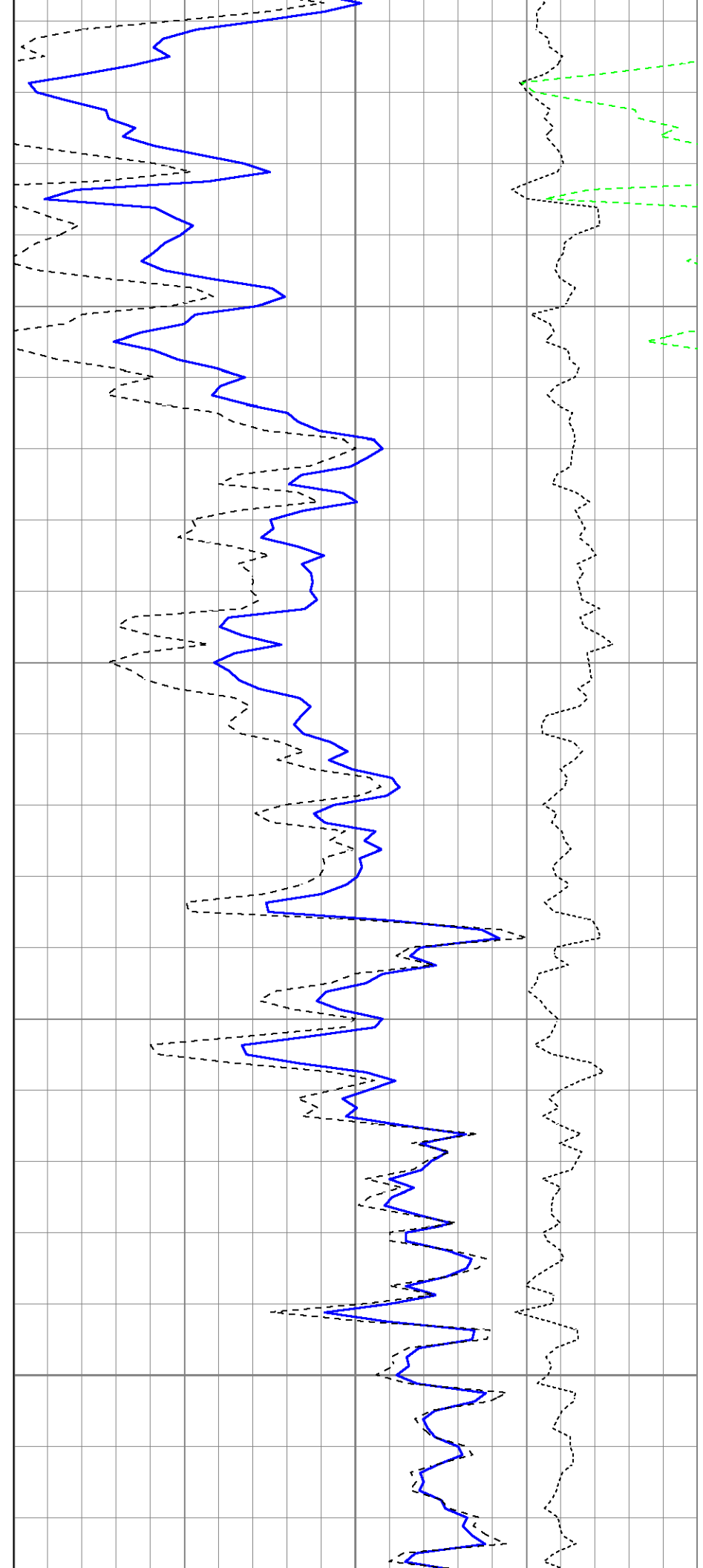


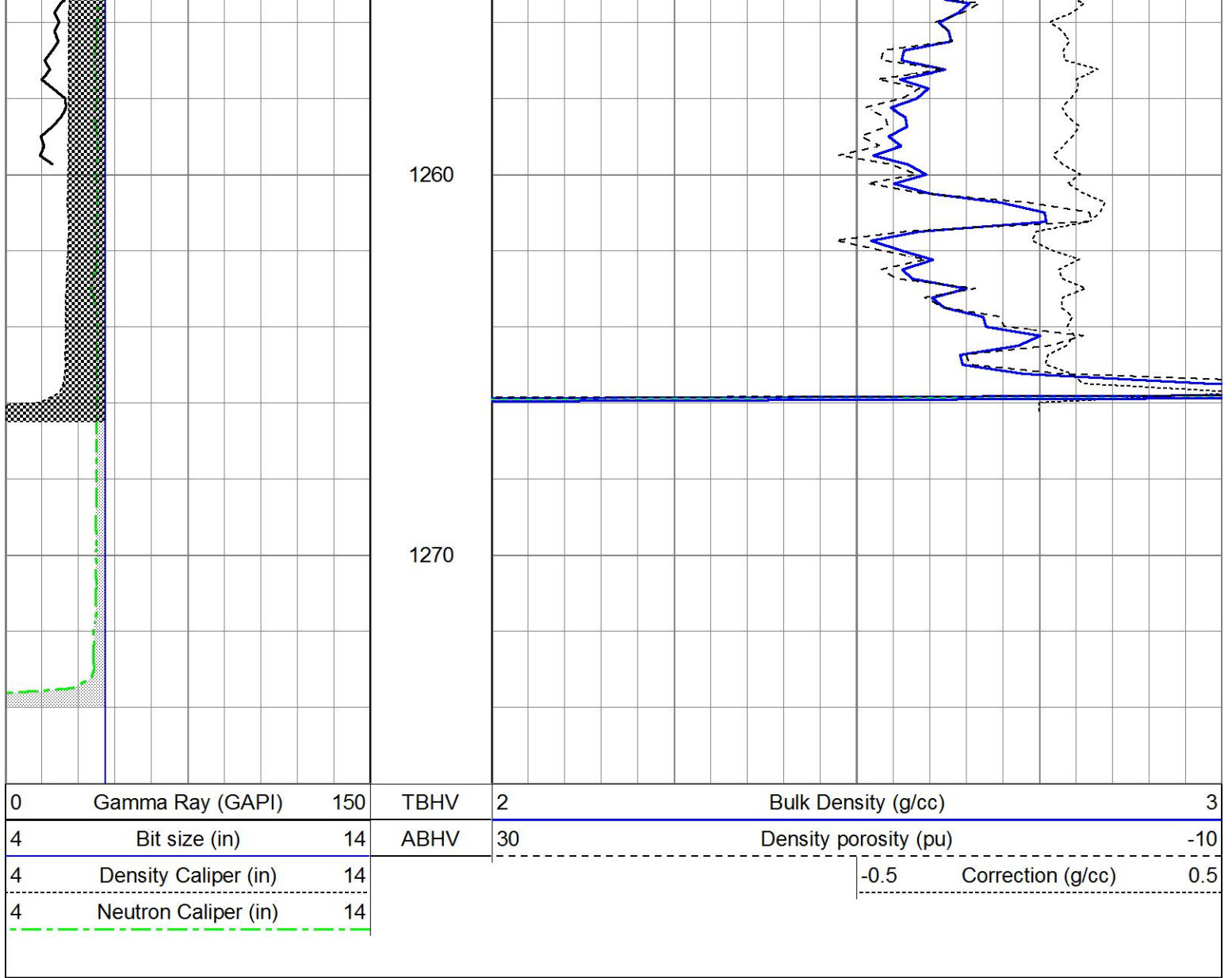
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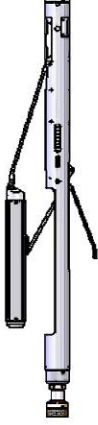
1240

1250





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
			Density-Oilex2122 (2122) Density Section	6.08	4.00	200.00
LSD	10.22					
DCAL	9.94					
SSD	9.76					

SCAL SWN NEU	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
Dataset: ow2-8511 cherokee wells.db: field/well/CDL/pass1 Total length: 18.15 ft Total weight: 445.00 lb O.D.: 4.00 in						