



**HIGH RESOLUTION
COMPENSATED DENSITY
SIDEWALL NEUTRON LOG**

Company		CHEROKEE WELLS LLC.	
Well		DART et al #5-21	
Field		BUFFALO - VILAS	
County		WILSON	
State		KANSAS	
Location:		API # : 15-205-28391-0000	Other Services
SEC 21 TWP 27S RGE 16E		2640' FSL & 2640' FWL	DIL
Permanent Datum	GL	Elevation	983' est
Log Measured From	GL		K.B. ---
Drilling Measured From	GL		D.F. ---
			G.L. 983' est
Date	05-24-2017		
Run Number	ONE		
Depth Driller	1212'		
Depth Logger	1213'		
Bottom Logged Interval	1211'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 44'		
Casing Logger	8.625" @ 44'		
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. 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

OW2-8988
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

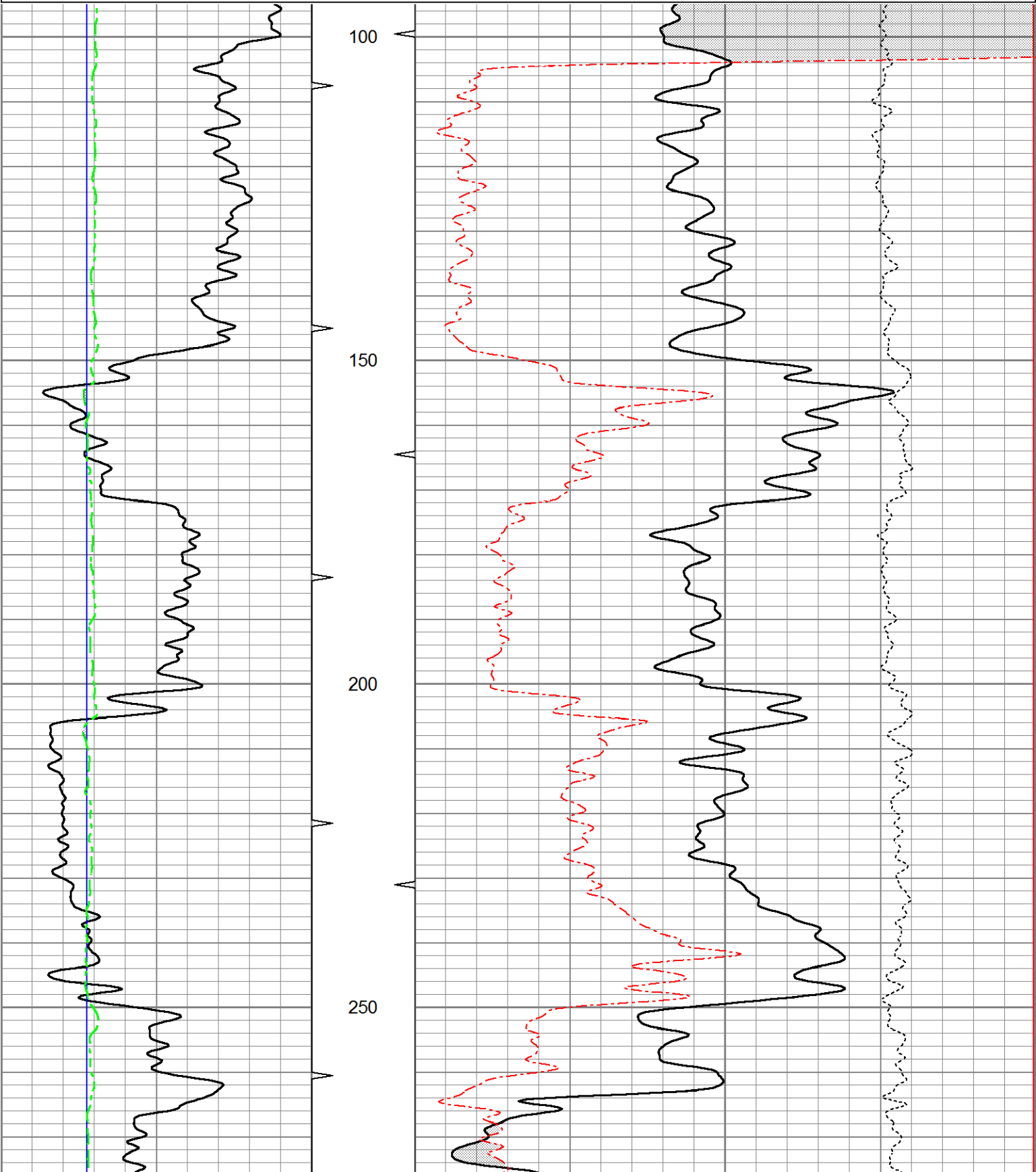
CREW : B. MARSHALL

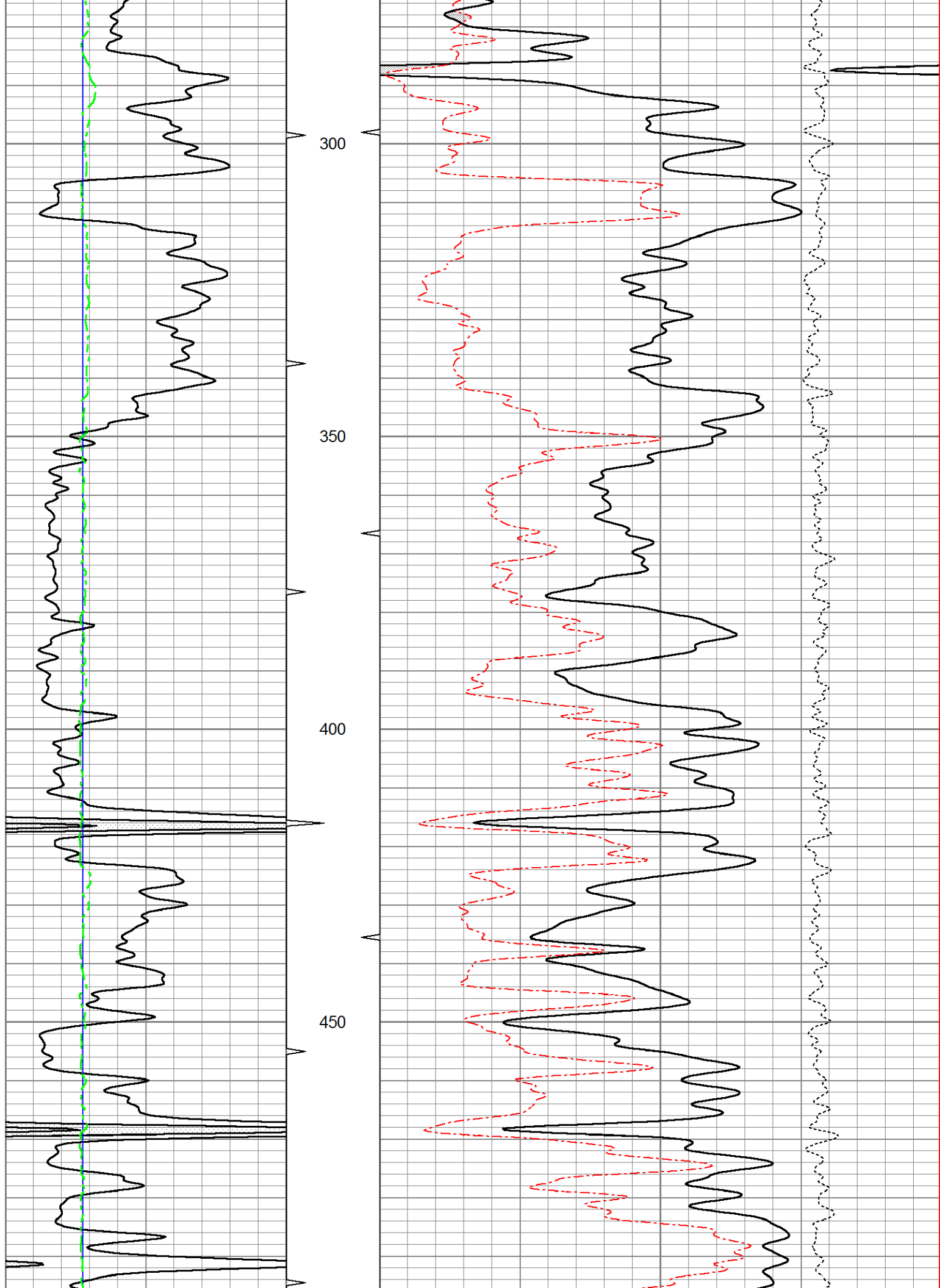


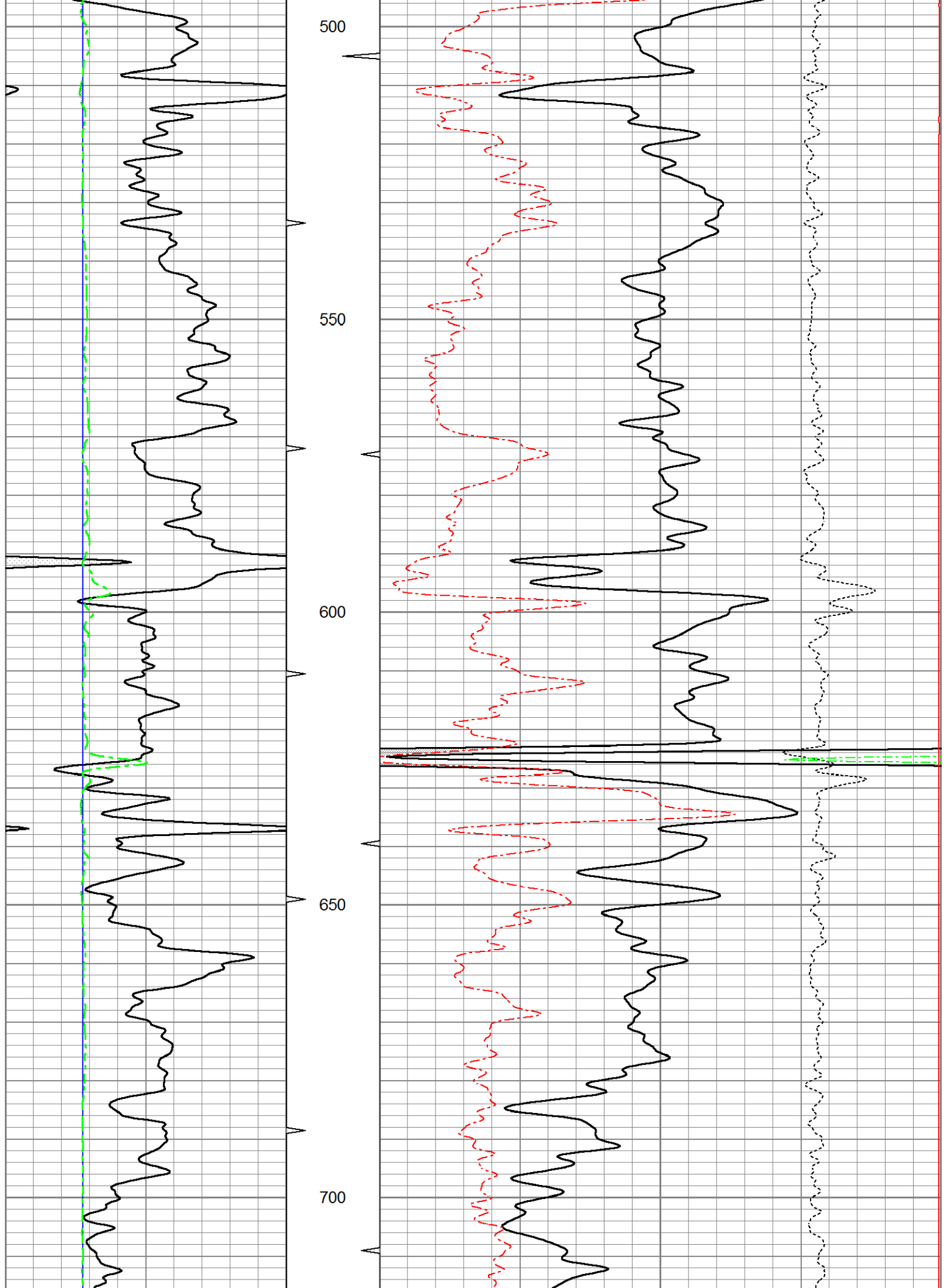
5" CDL/SWN SECTION

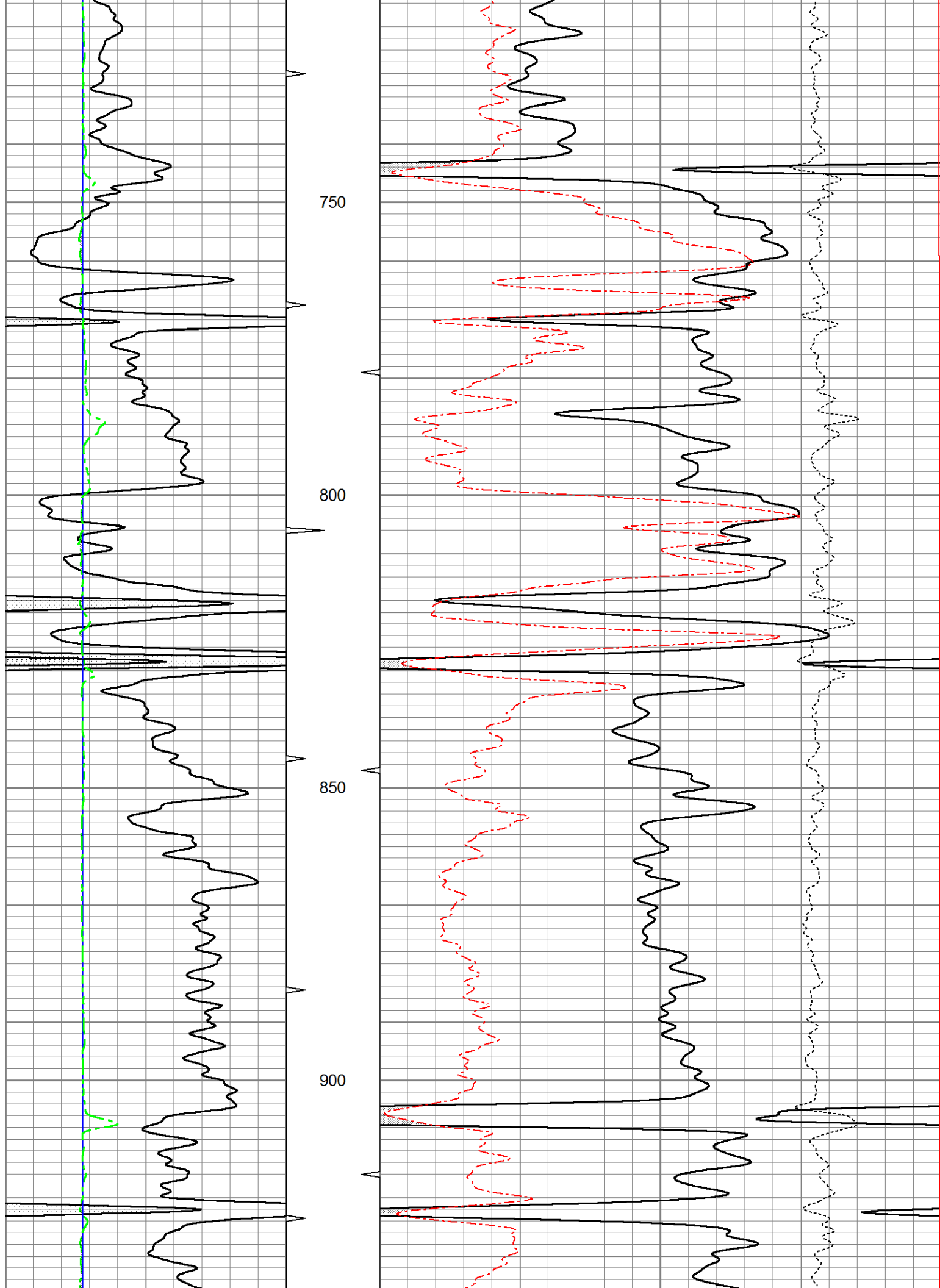
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Dataset Pathname	CDL/pass1.2
Presentation Format	_neu4ndc
Dataset Creation	Wed May 24 14:12:36 2017
Charted by	Depth in Feet scaled 1:240

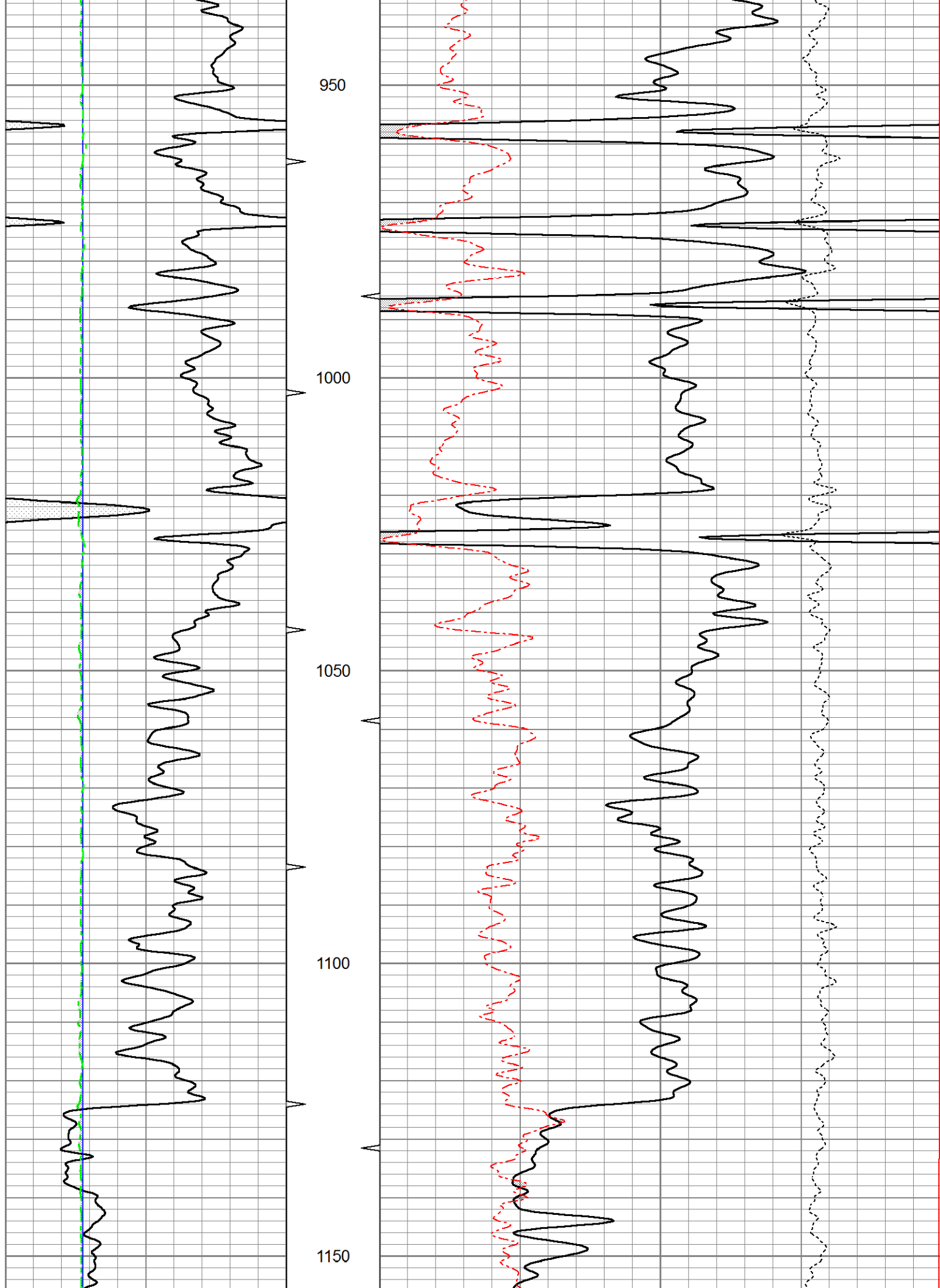
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
					5000	Line Tension (lb) 0

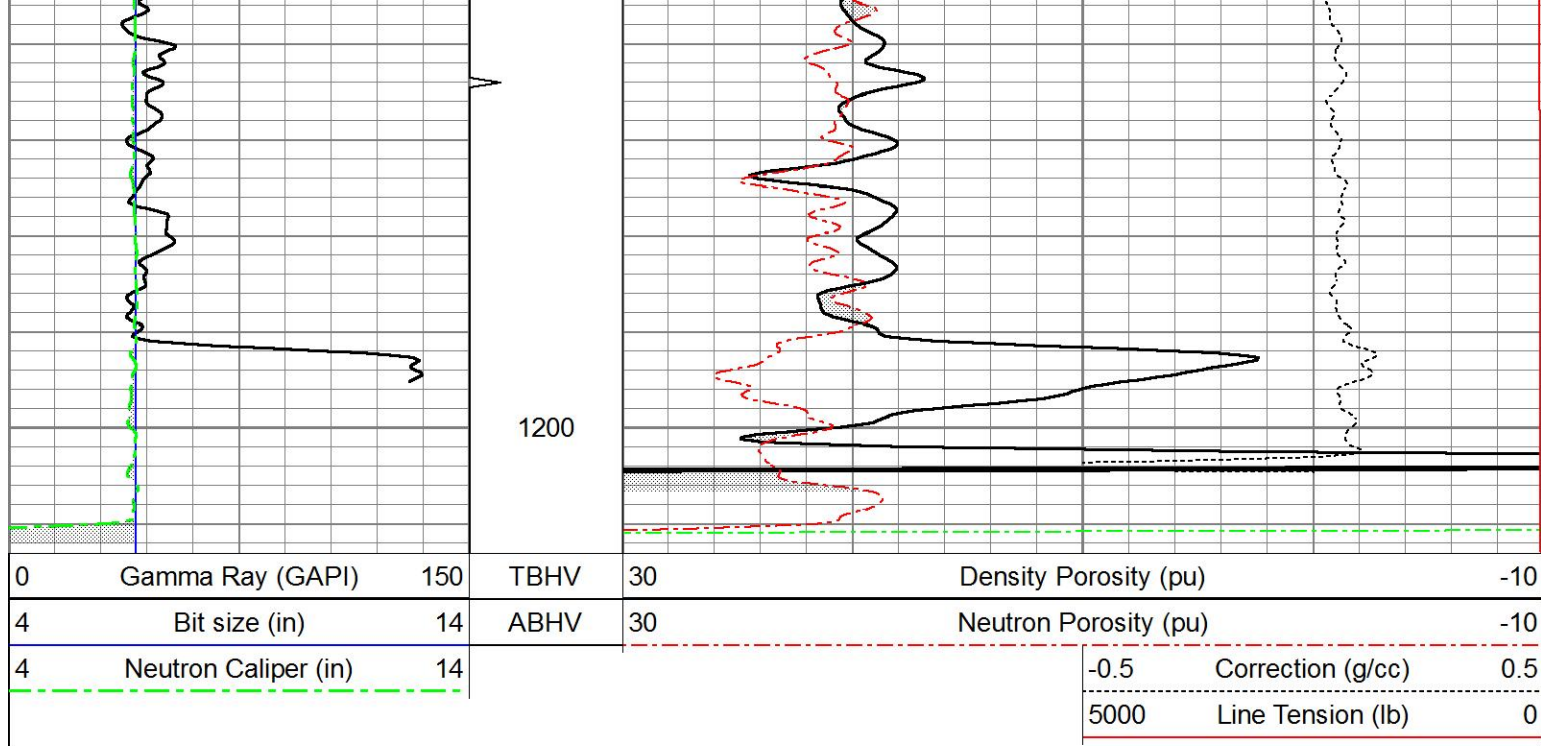








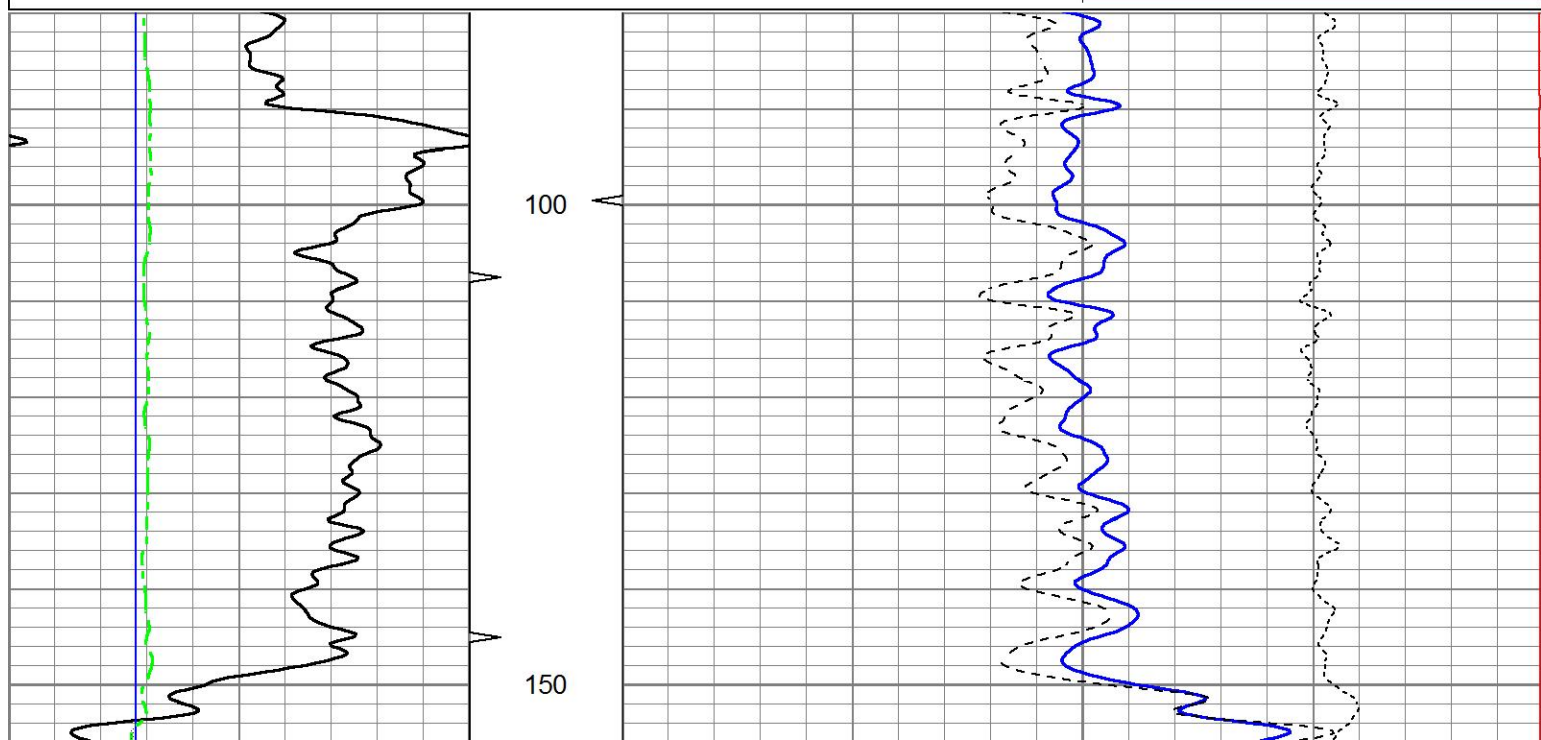


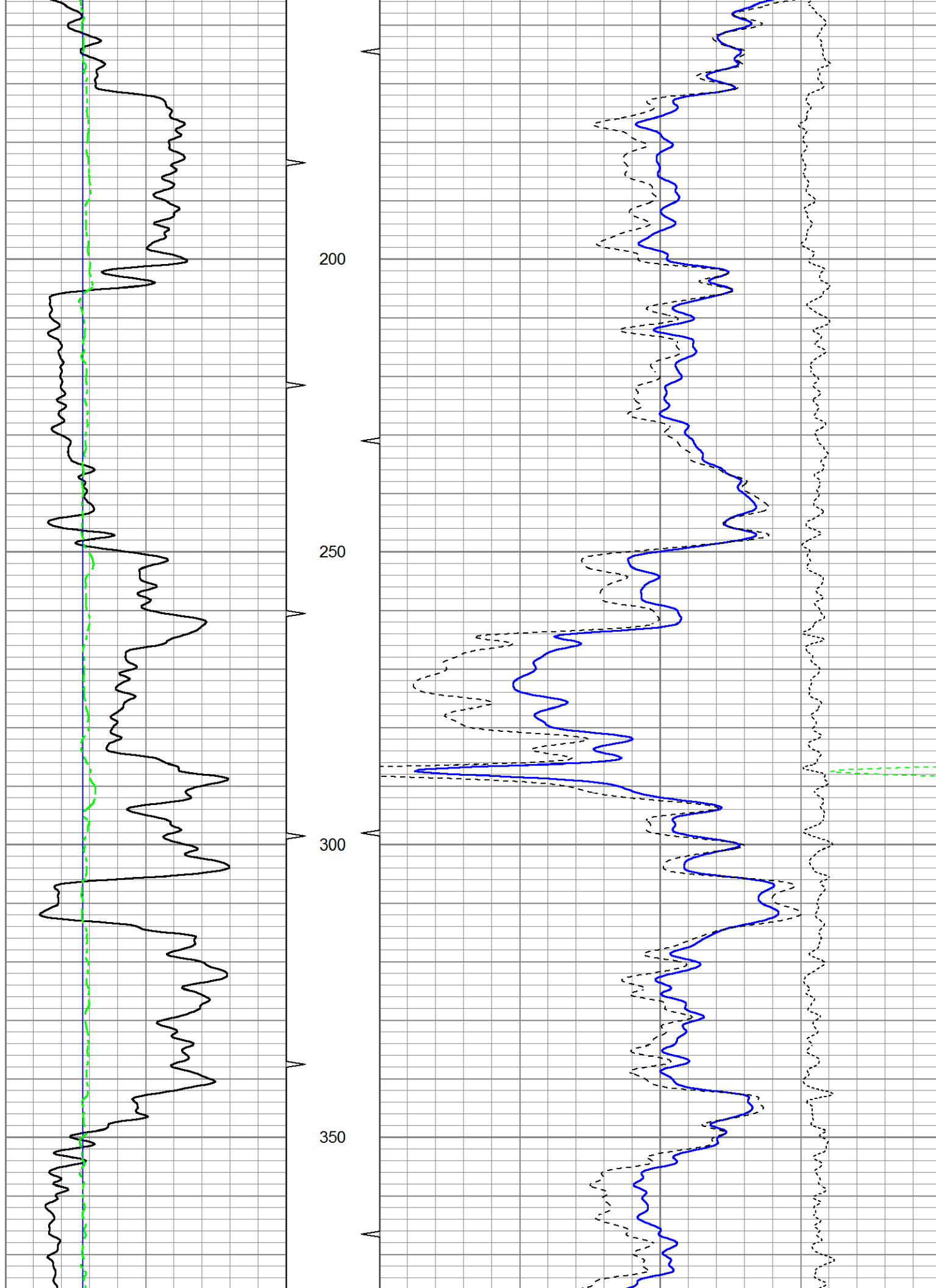


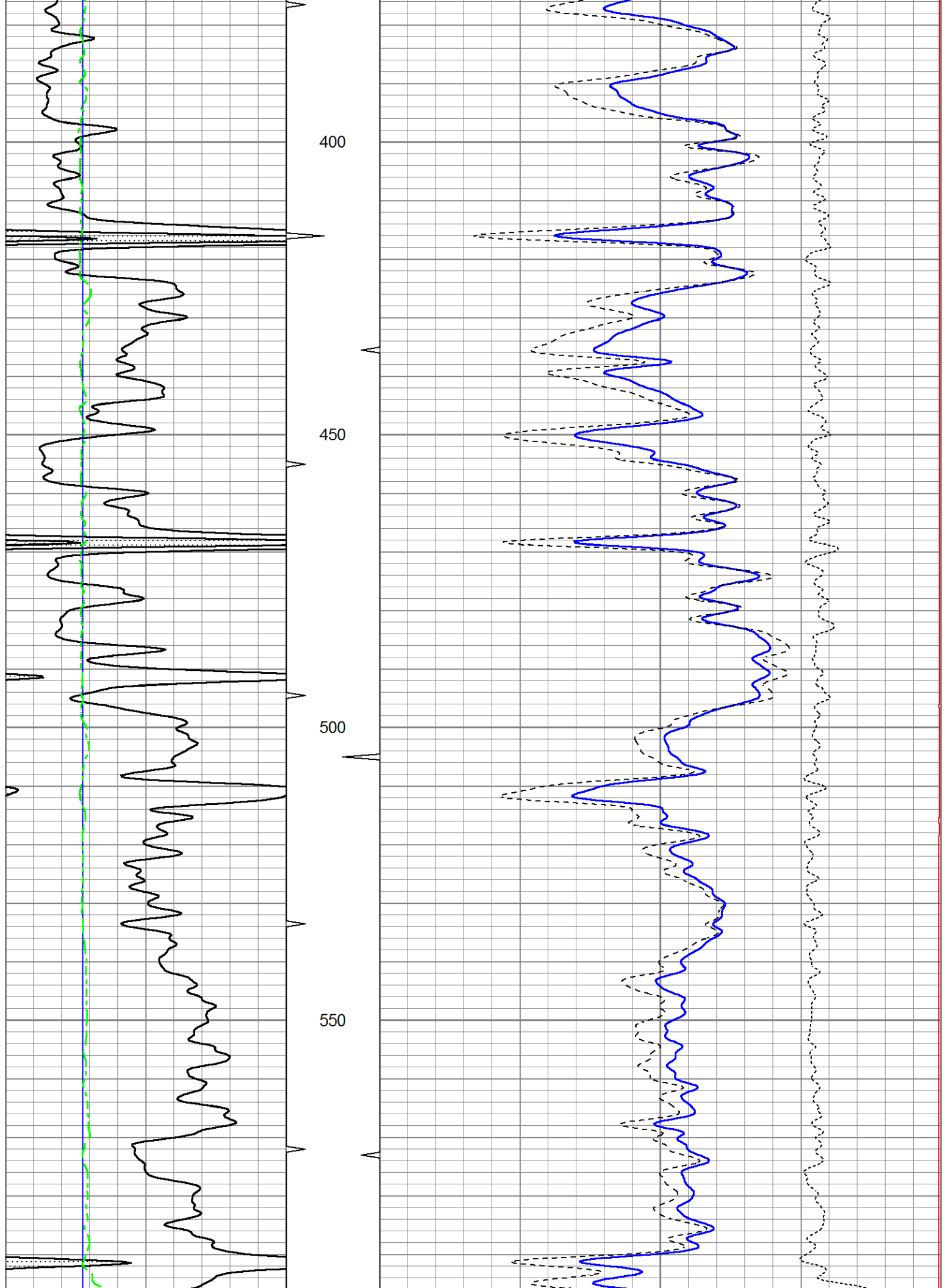
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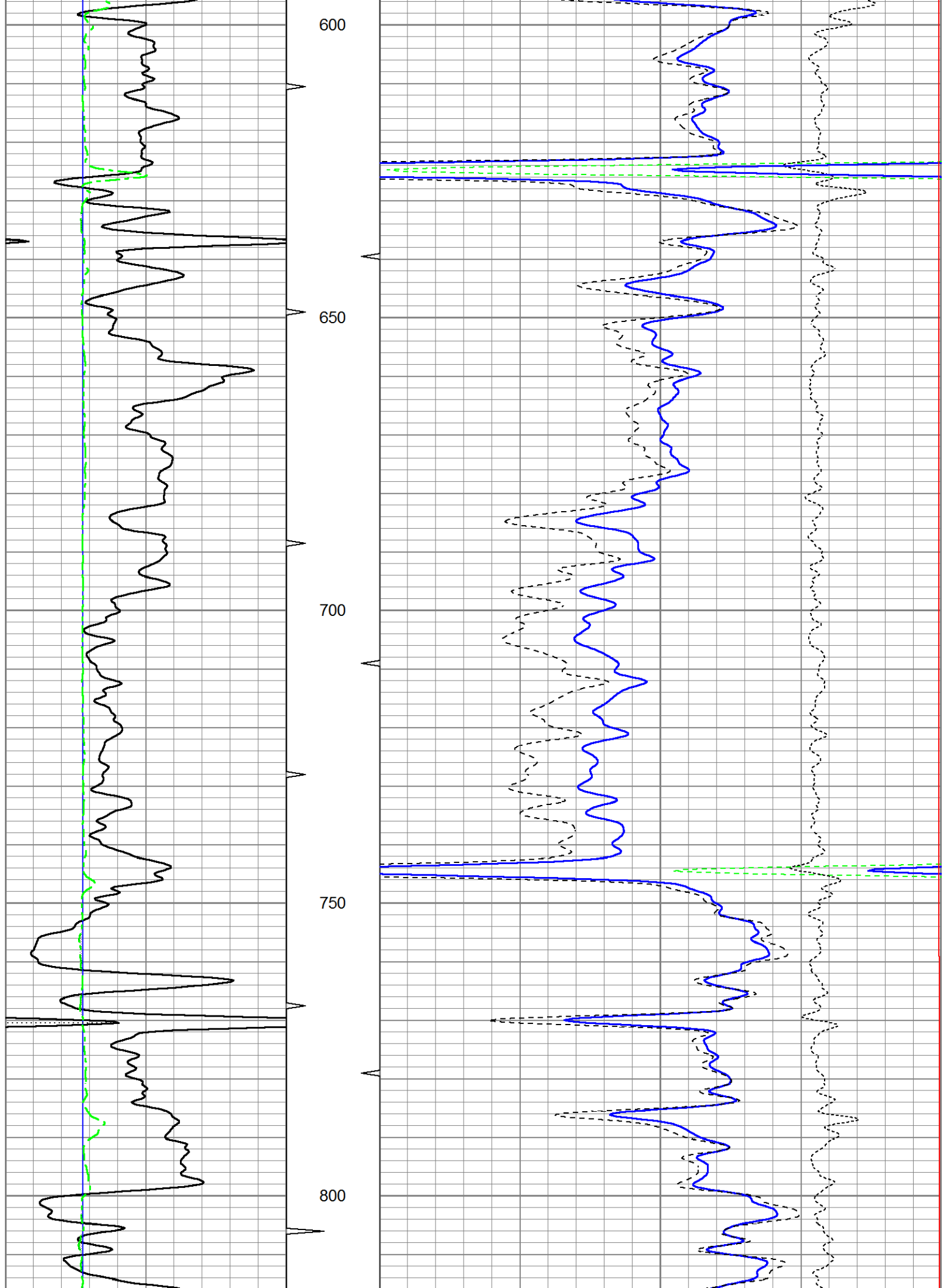
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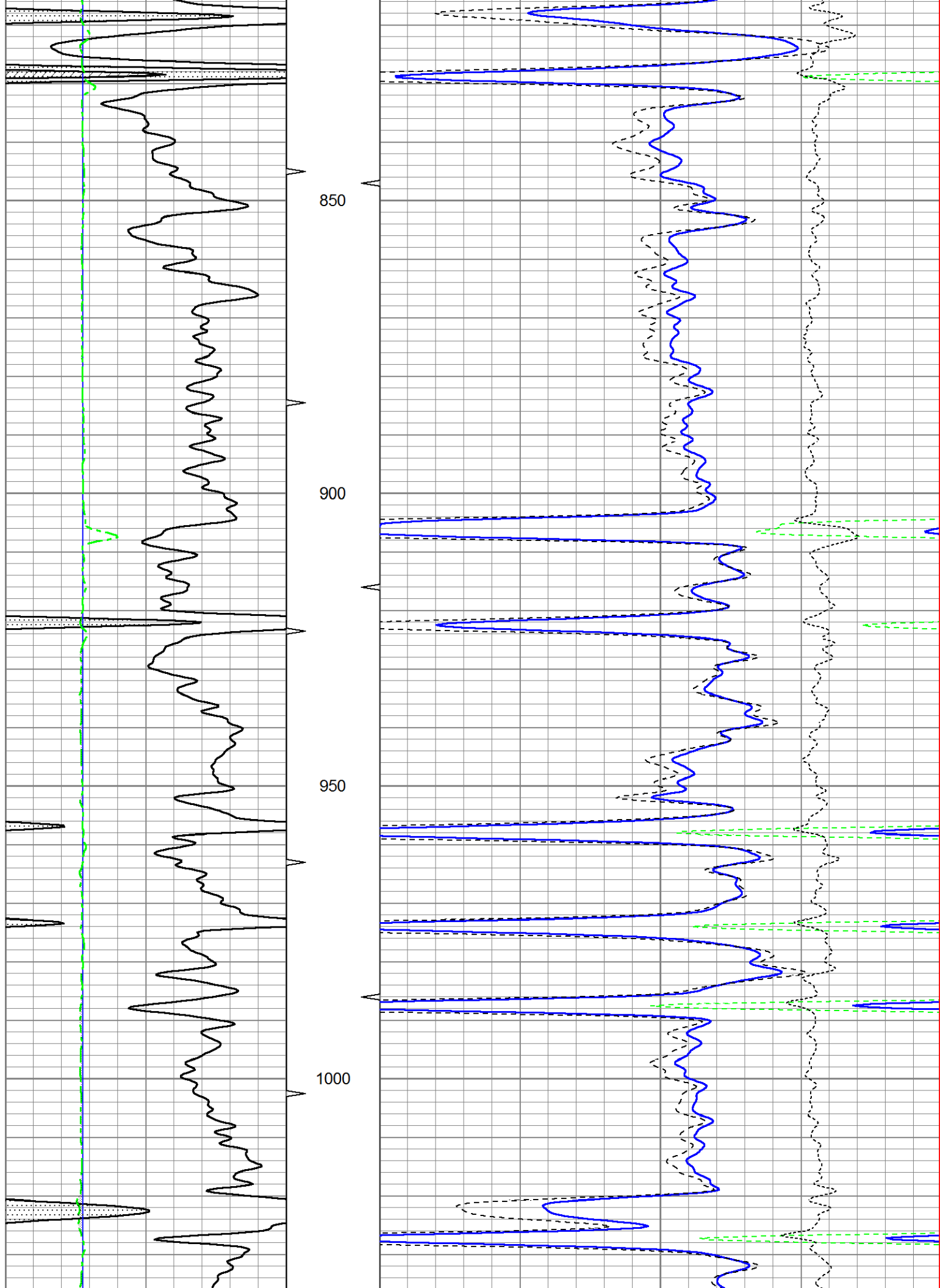
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4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
					5000	Line Tension (lb) 0

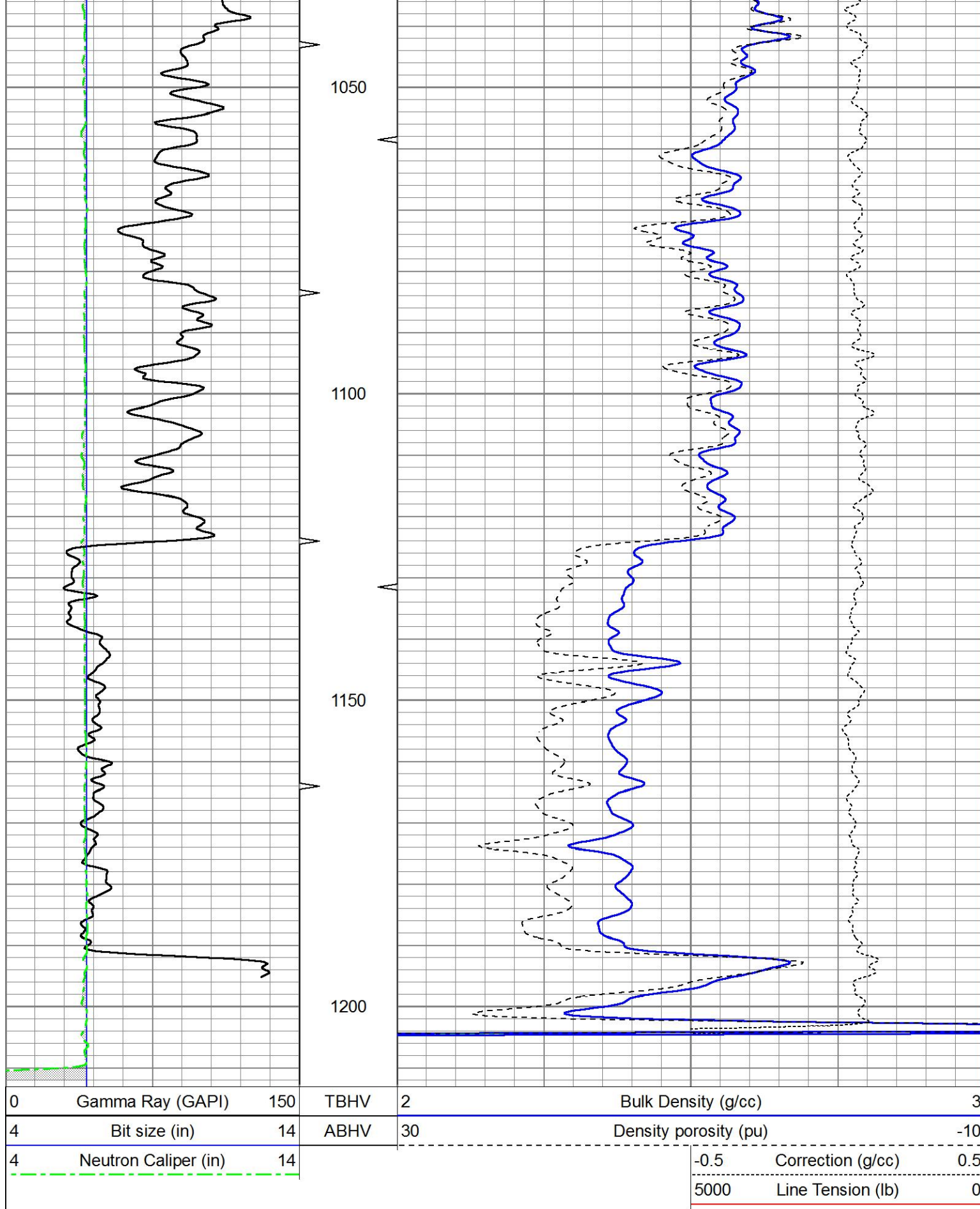








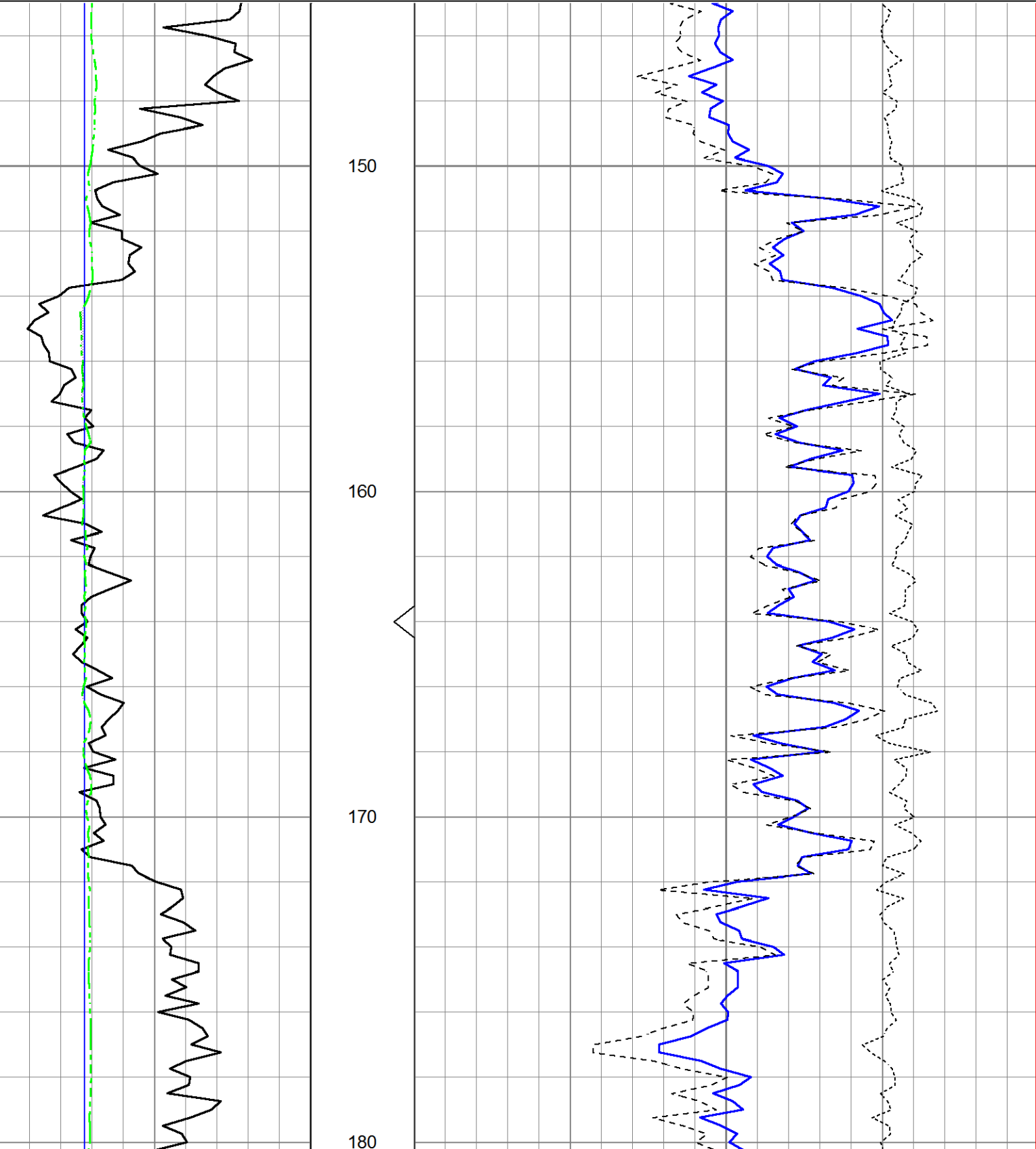


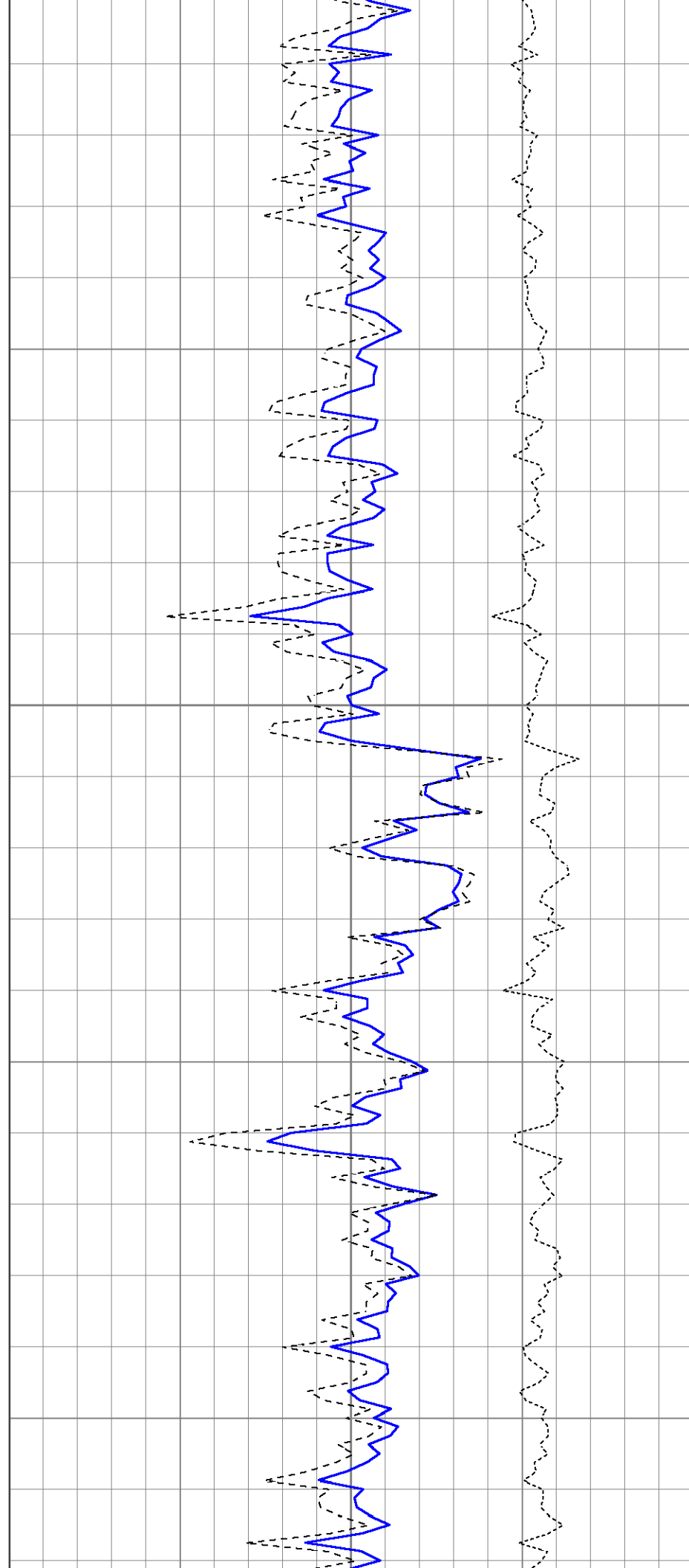
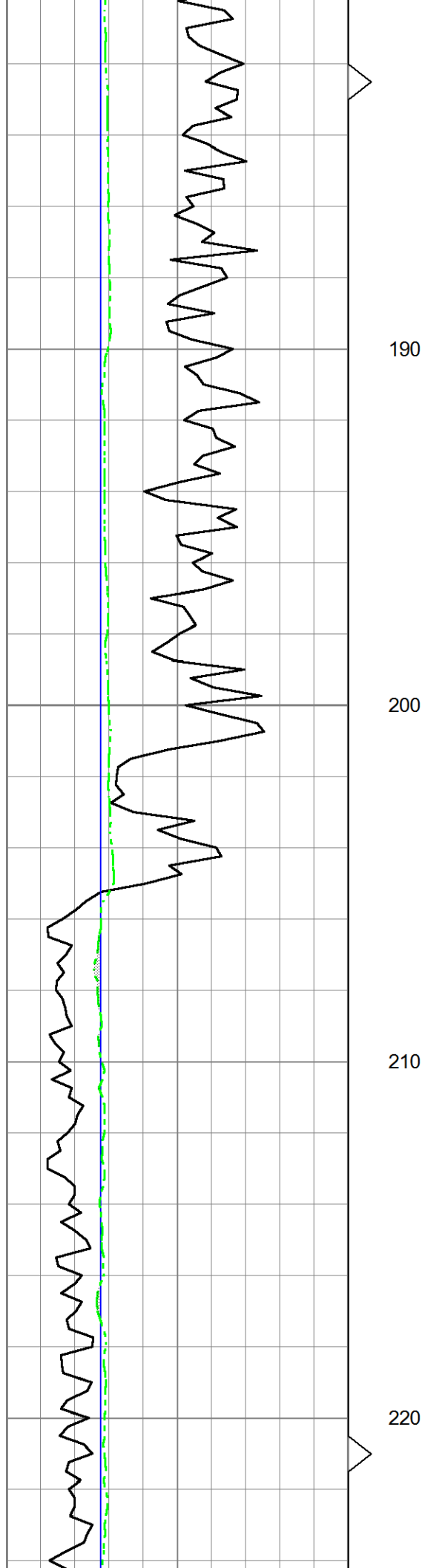


25" HR CDL SECTION

Database File ow2-8988 cherokee wells.db
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Presentation Format bulk4hrn
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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
					5000 Line Tension (lb)	0





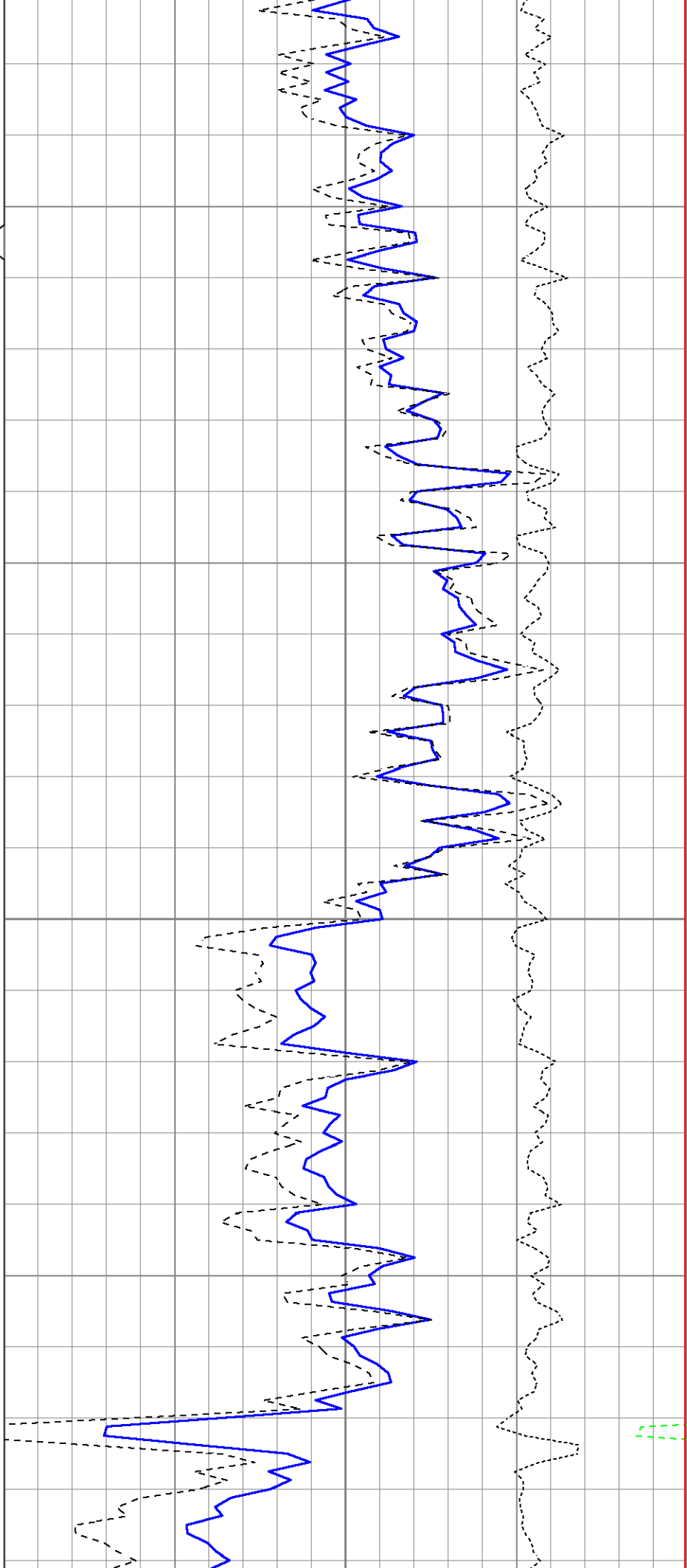


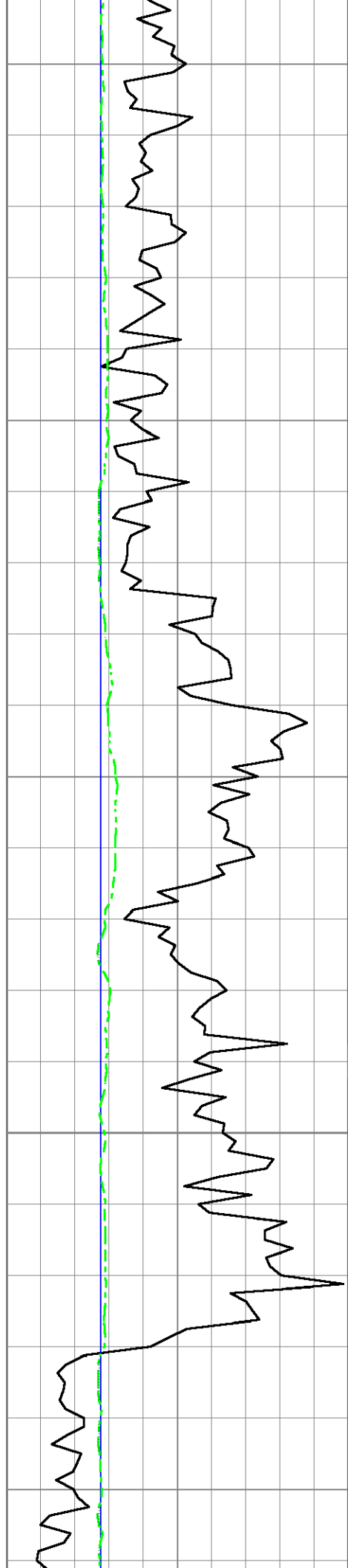
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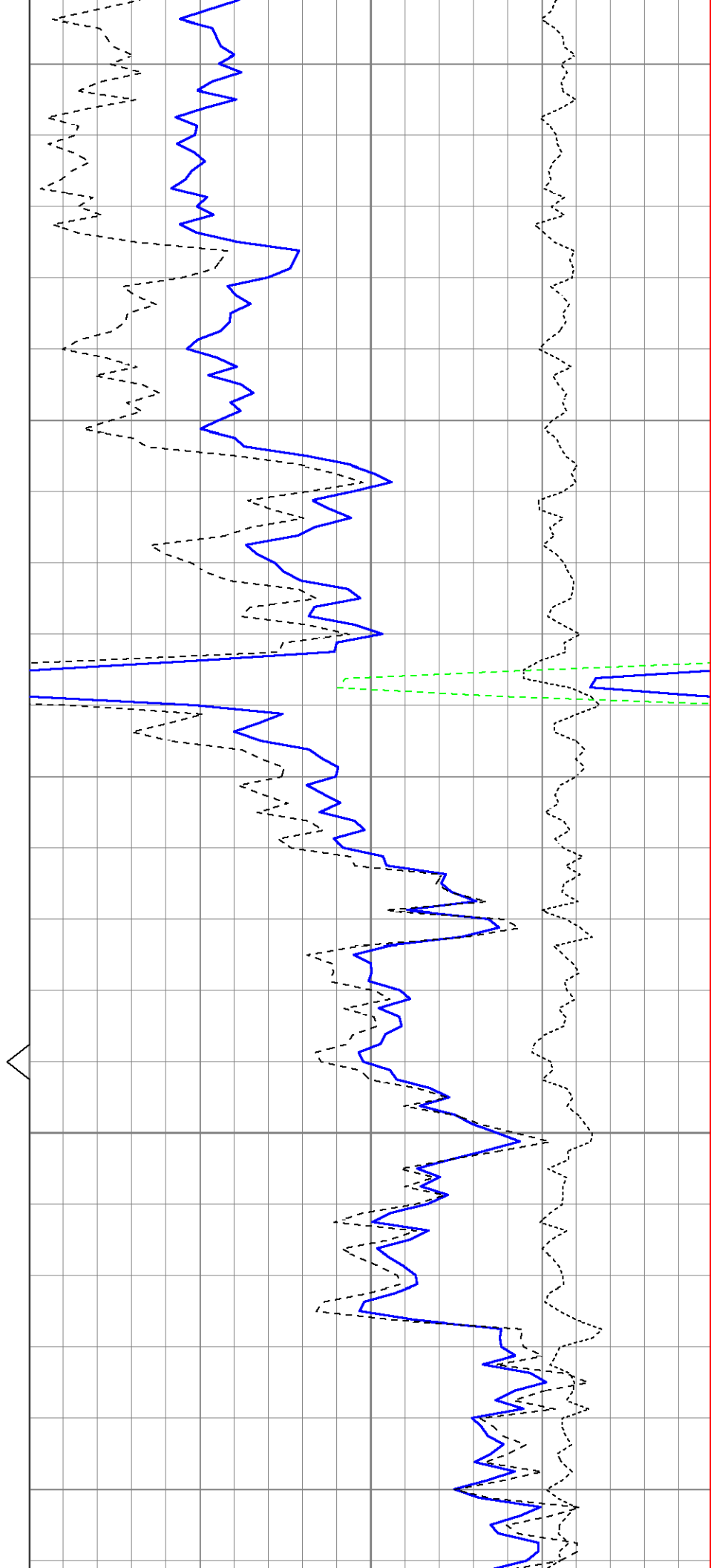
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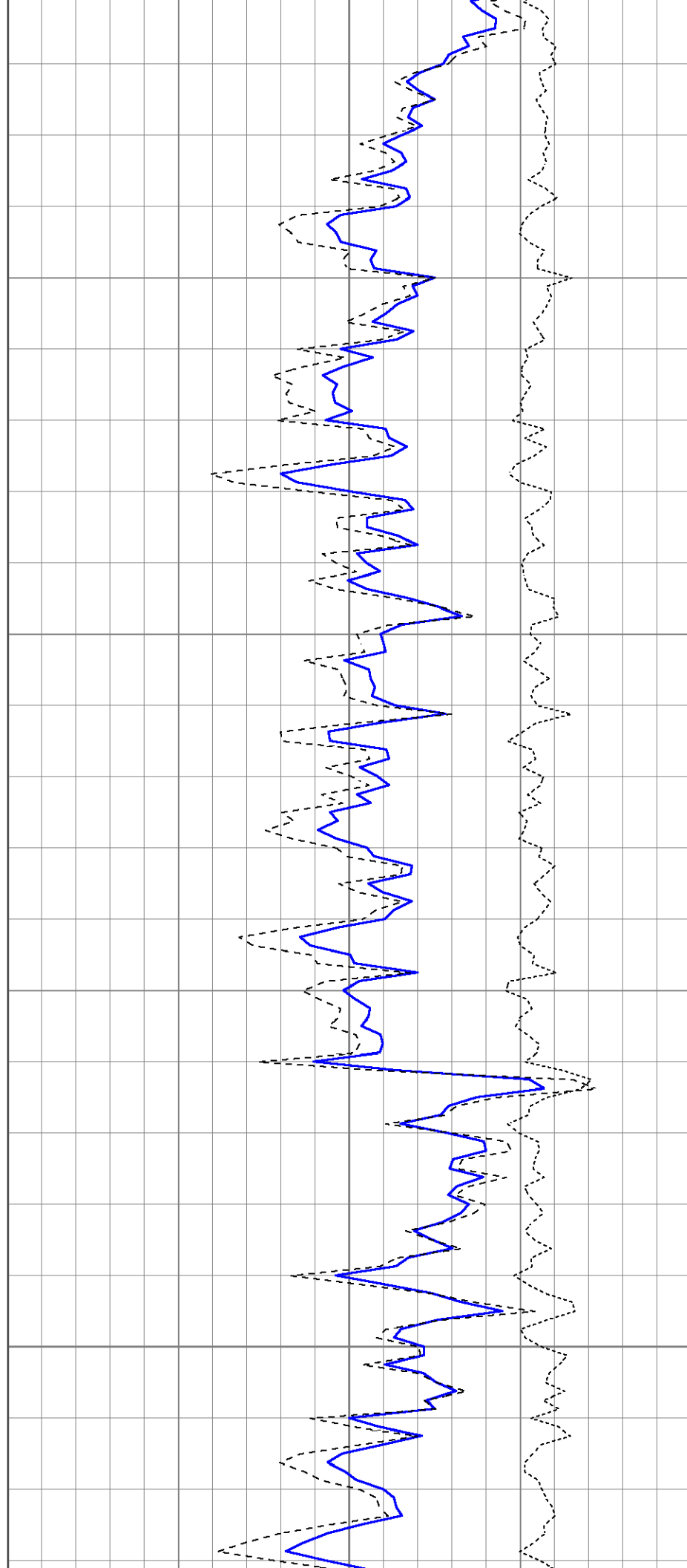
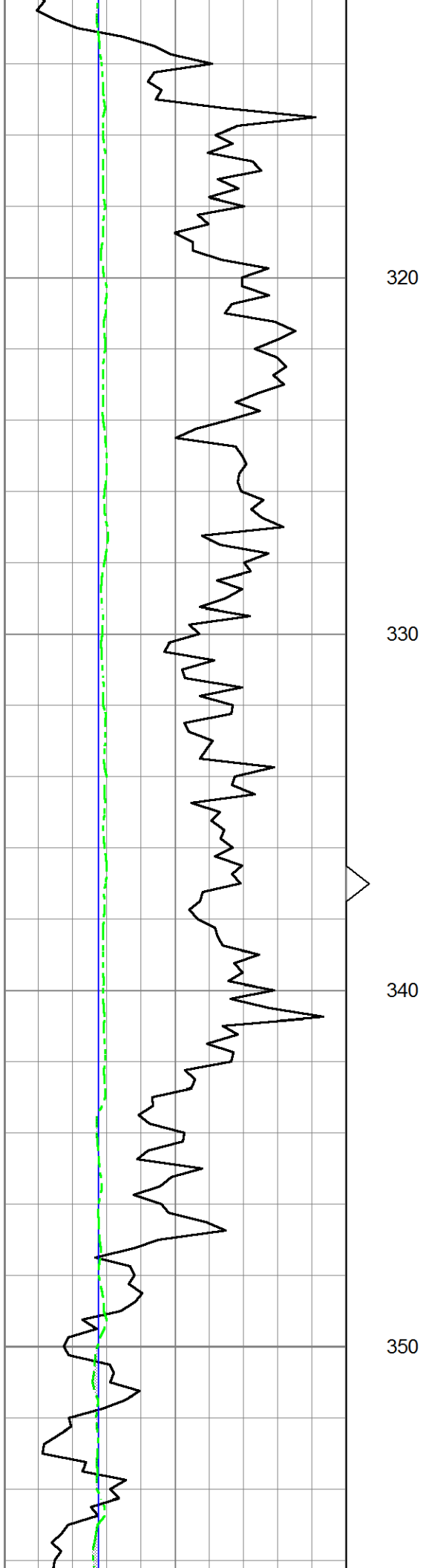
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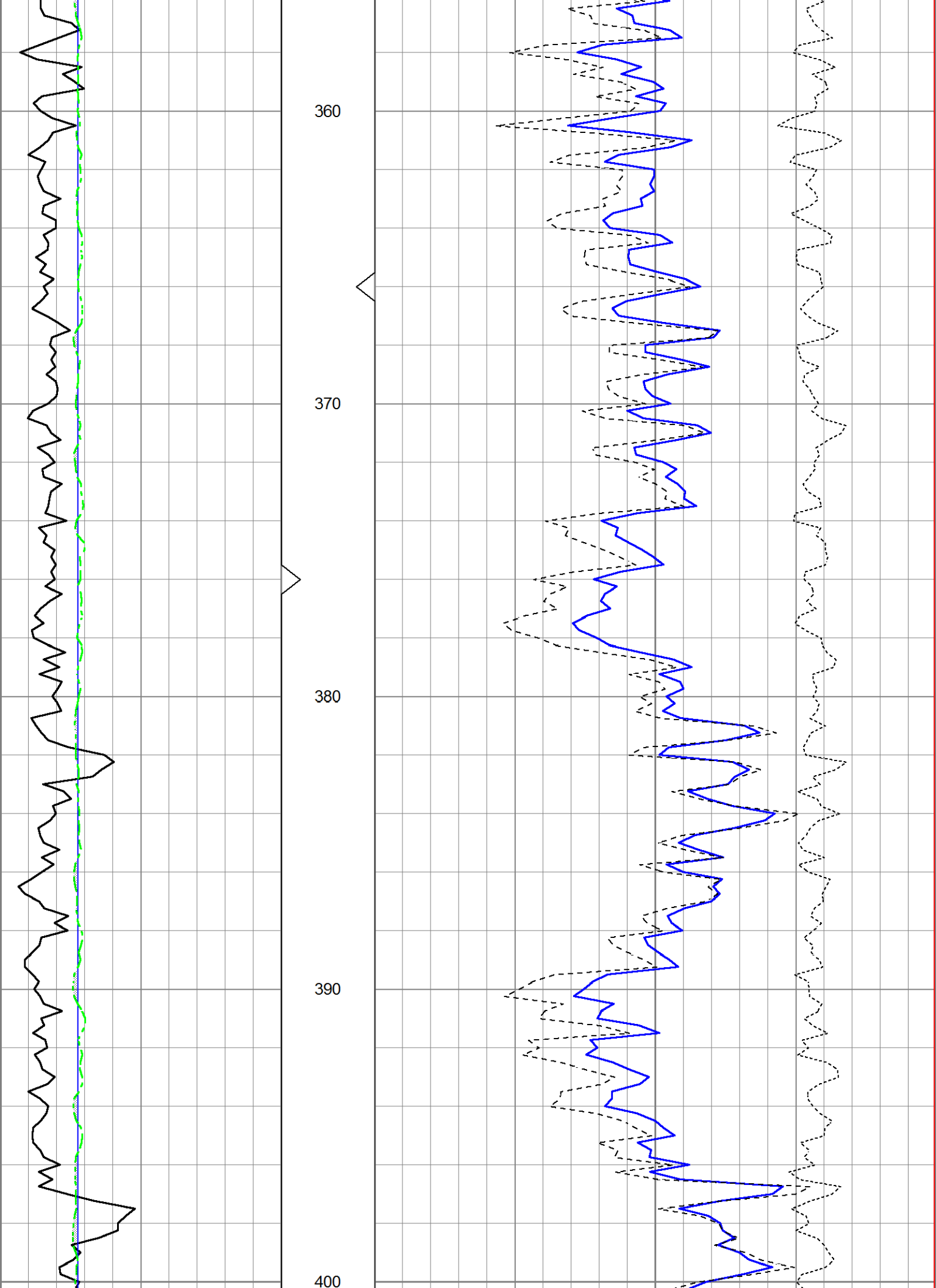
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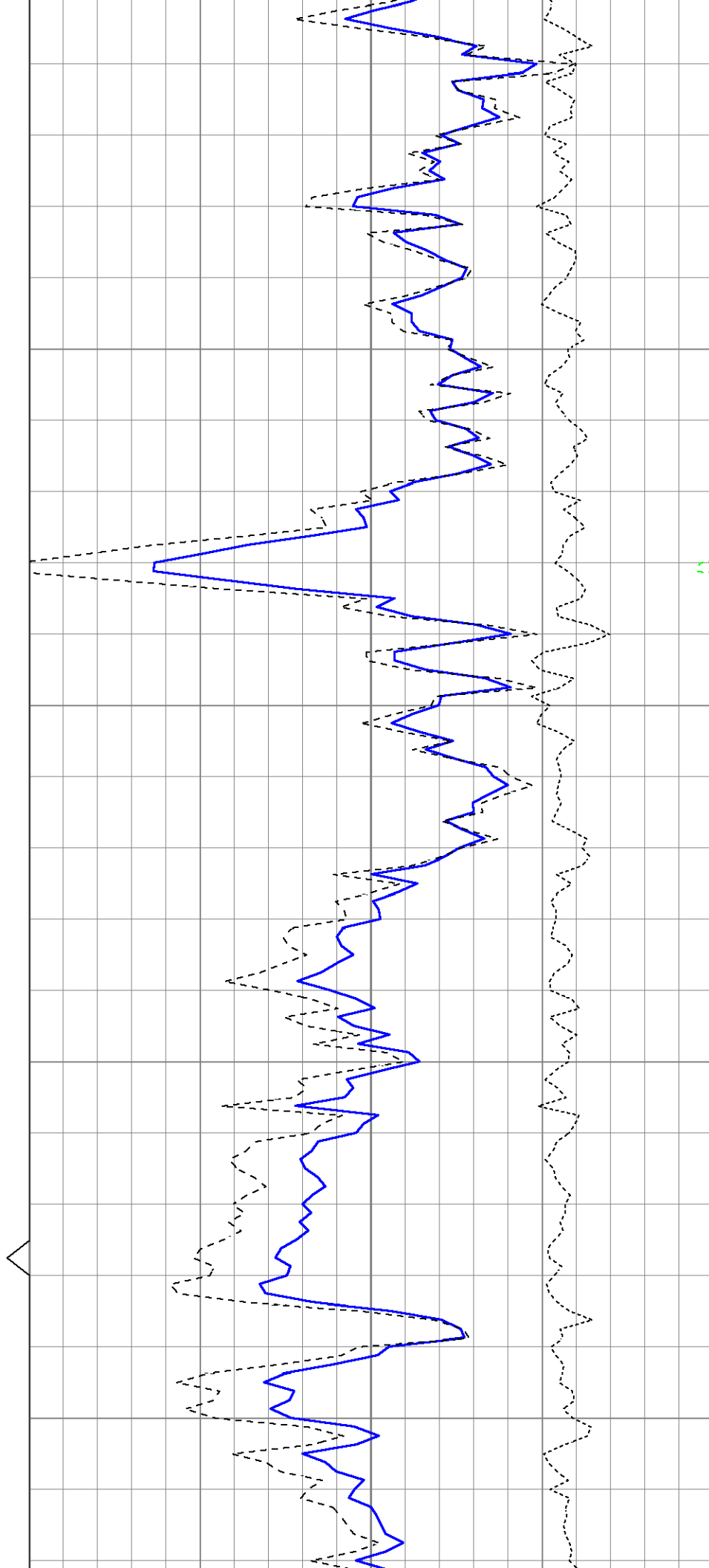


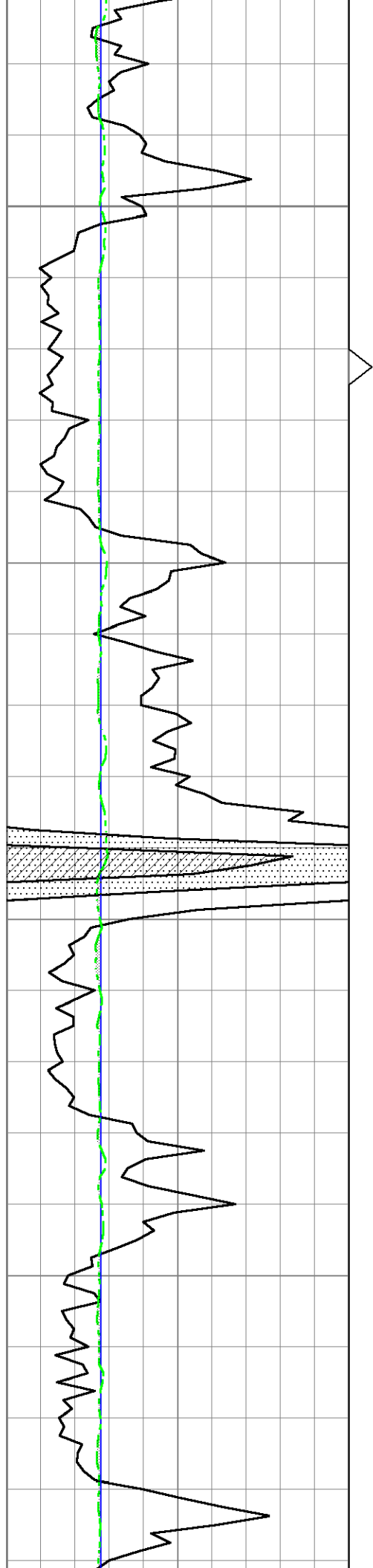
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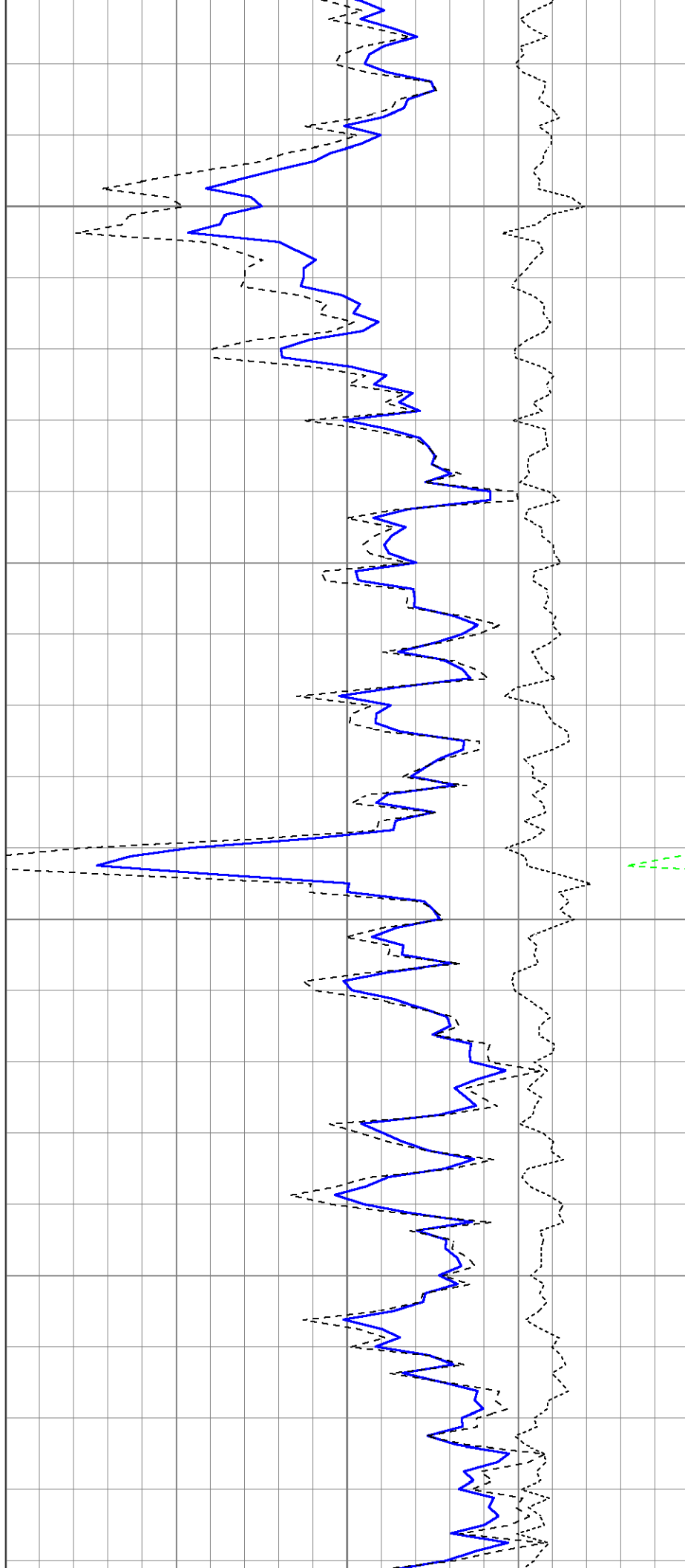


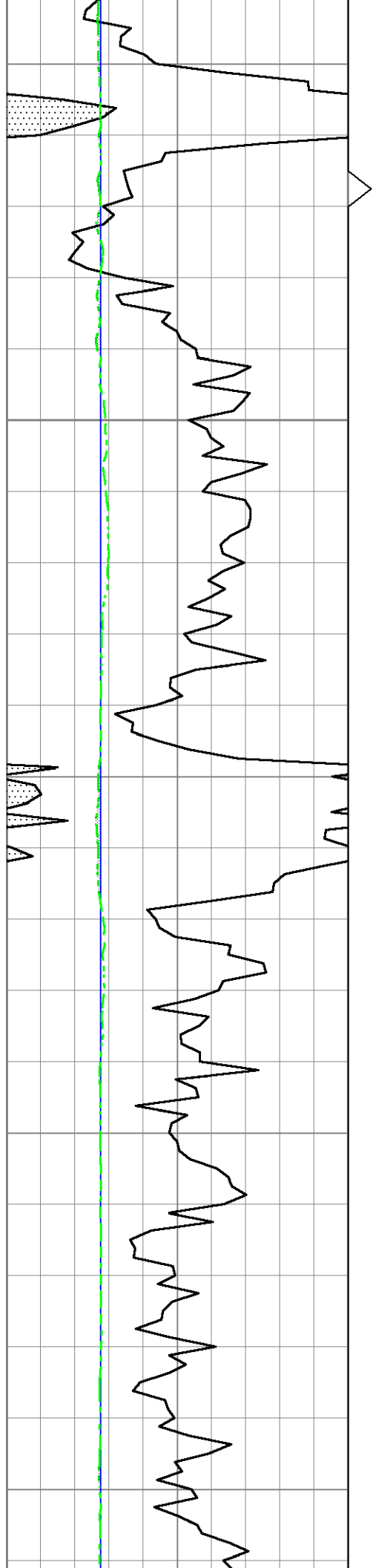
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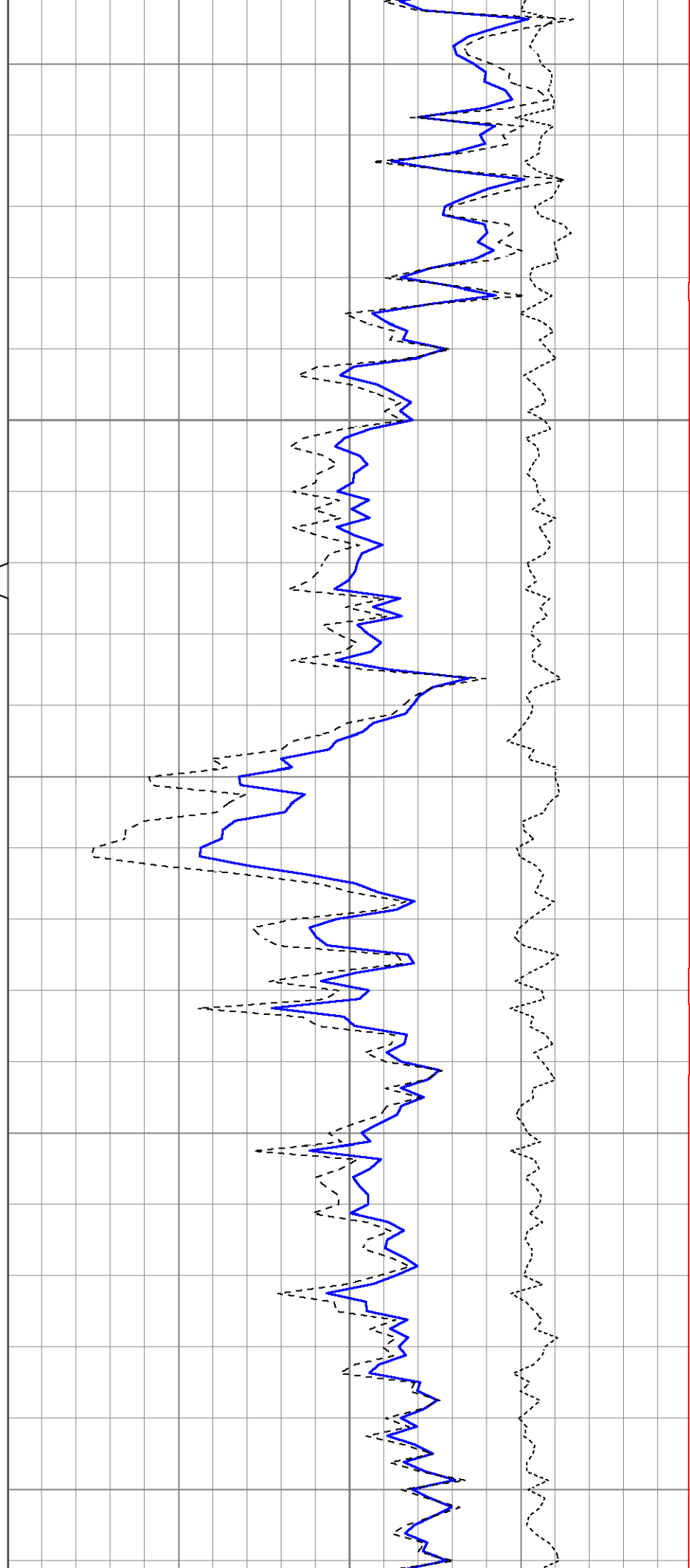
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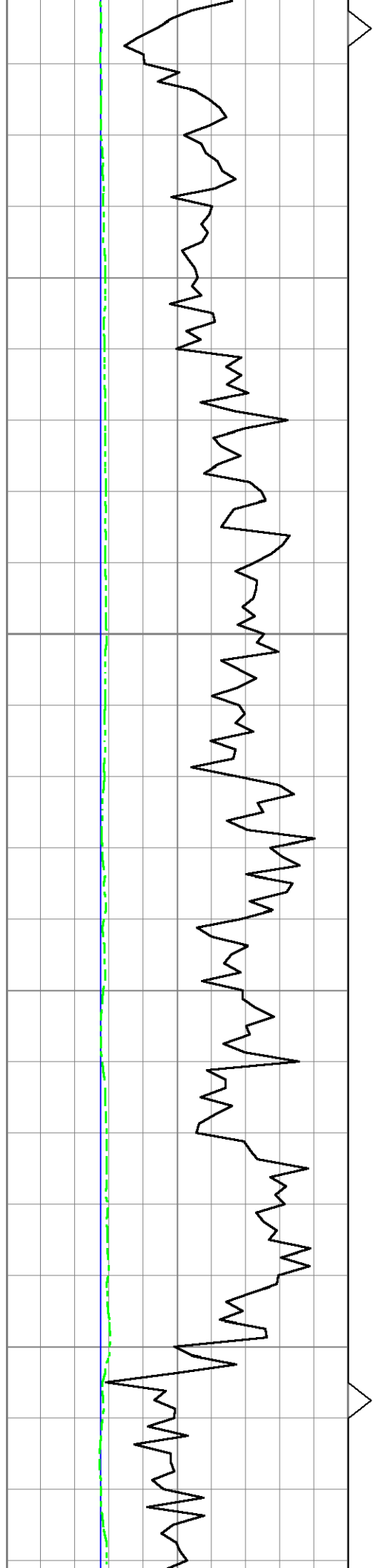
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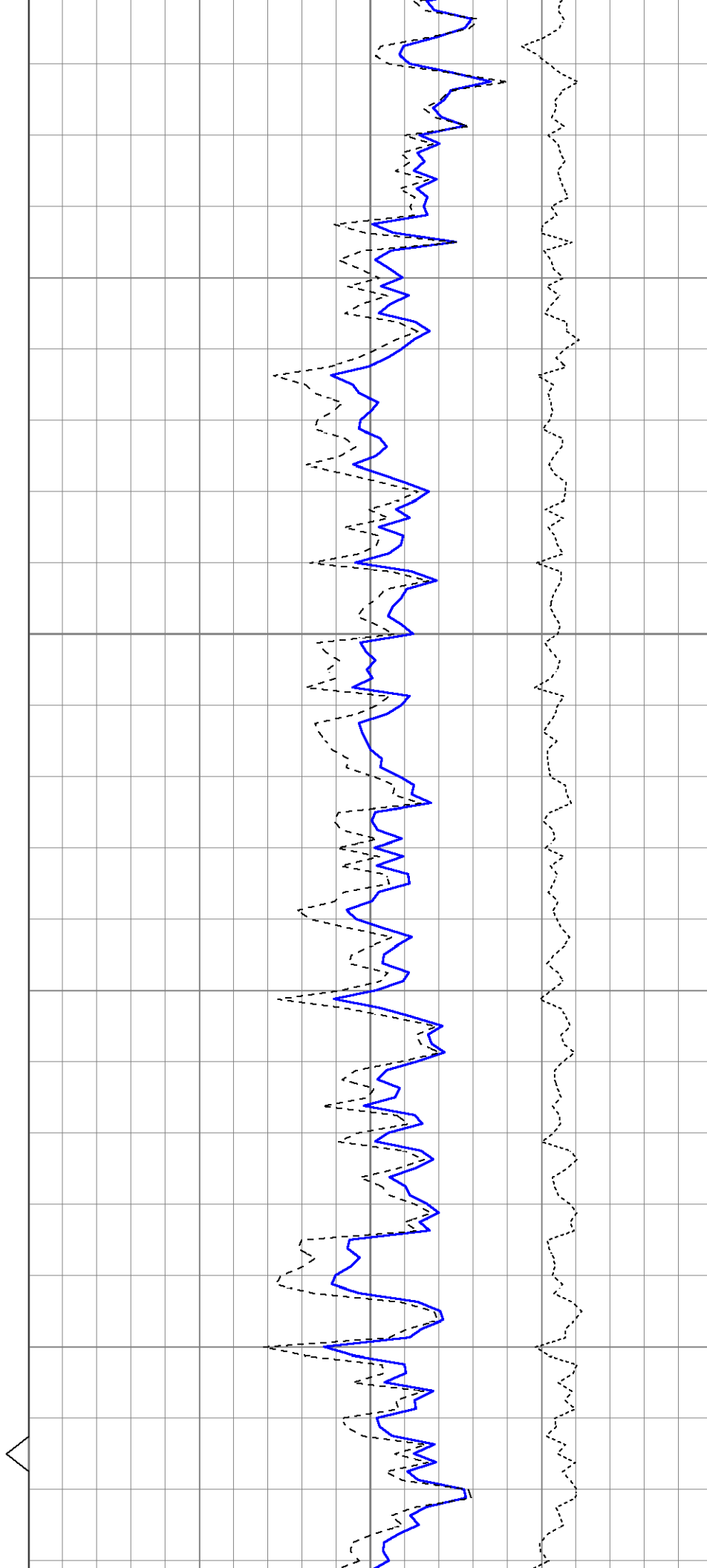


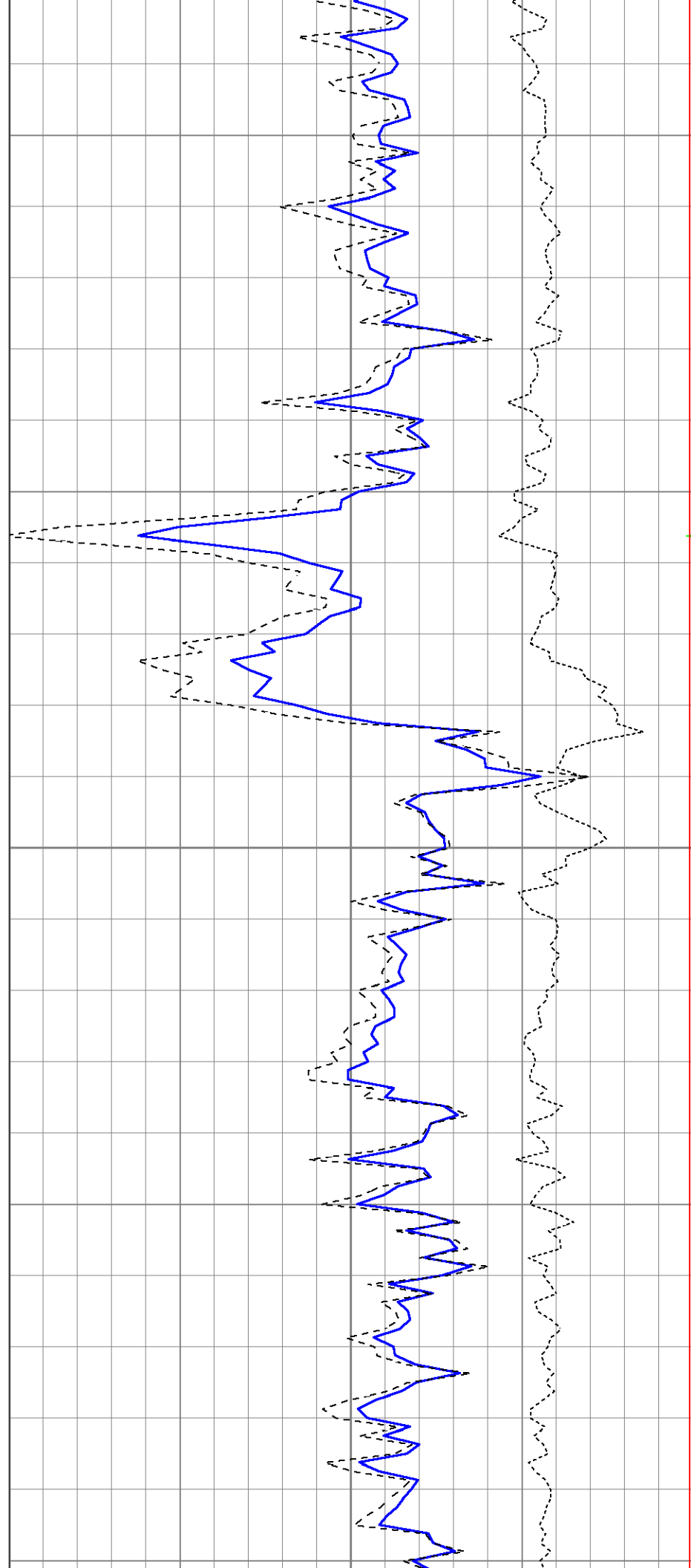
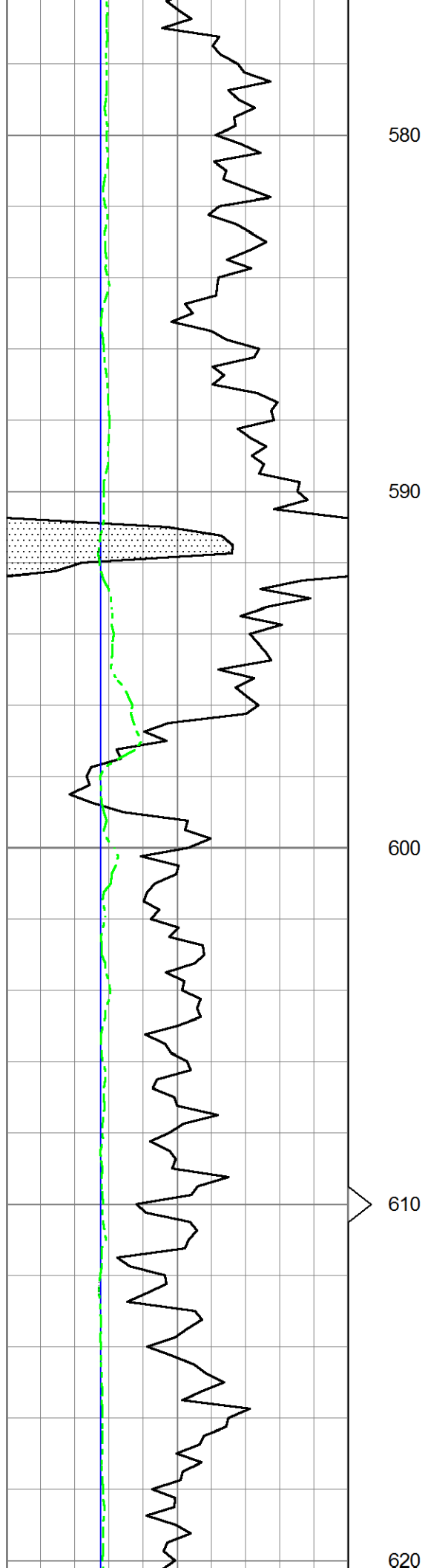
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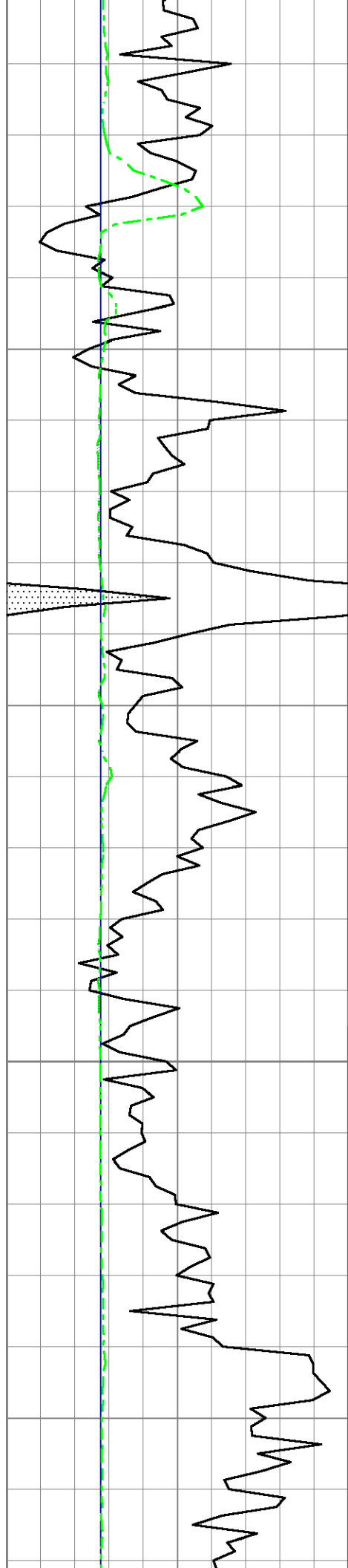
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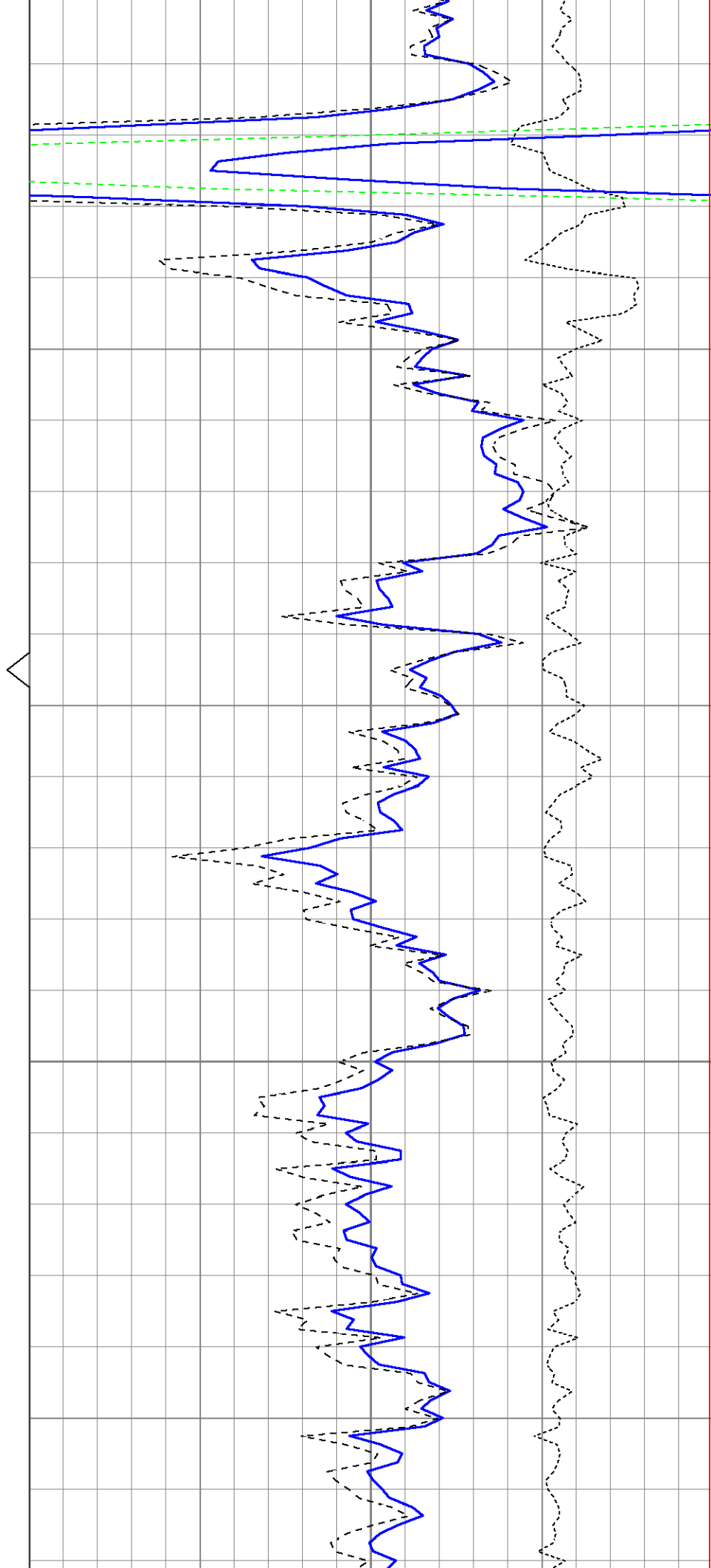


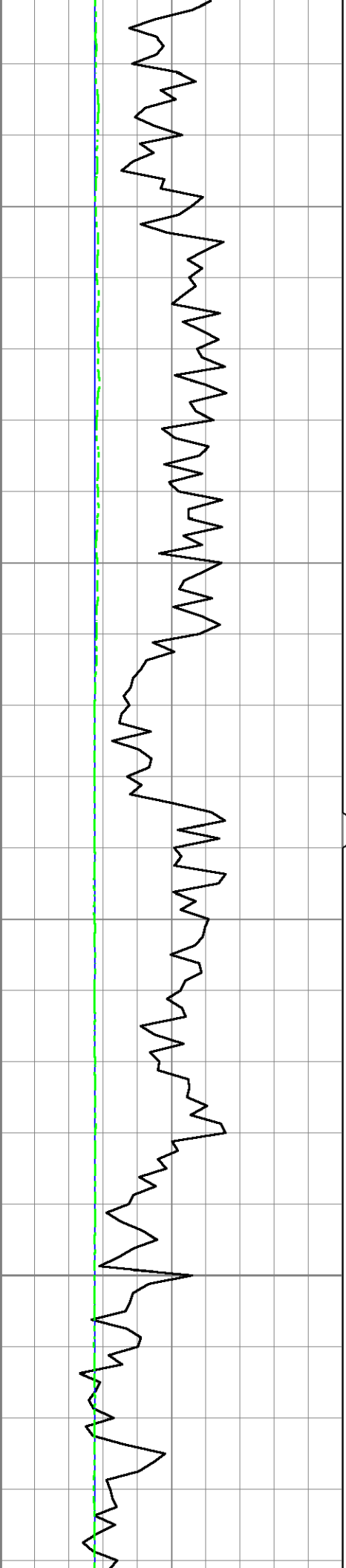
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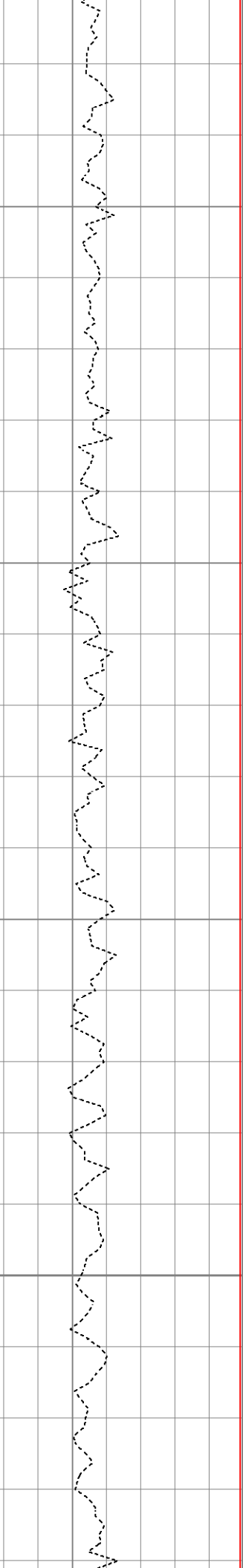
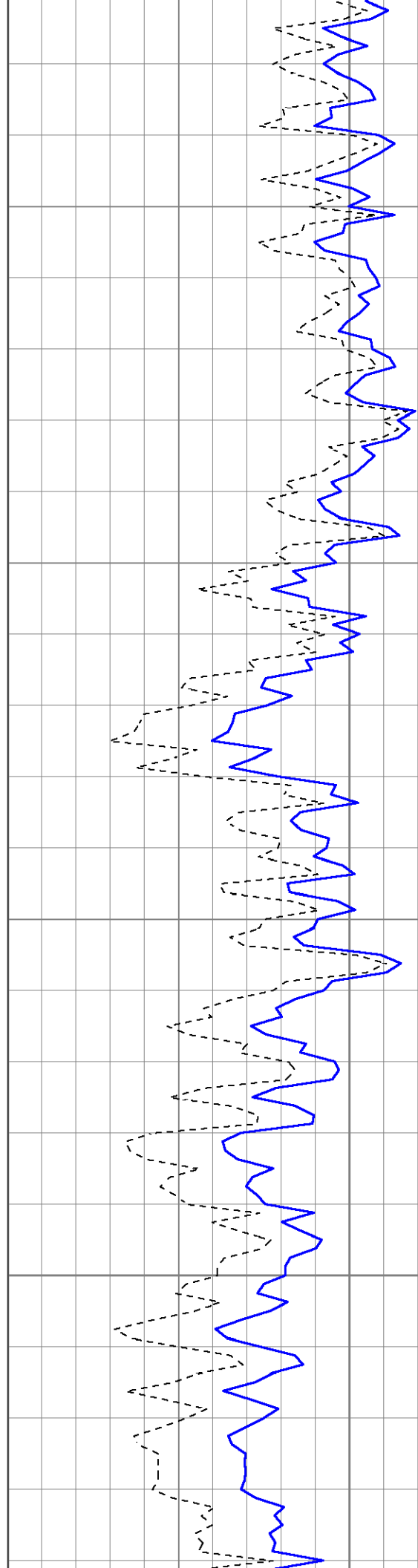


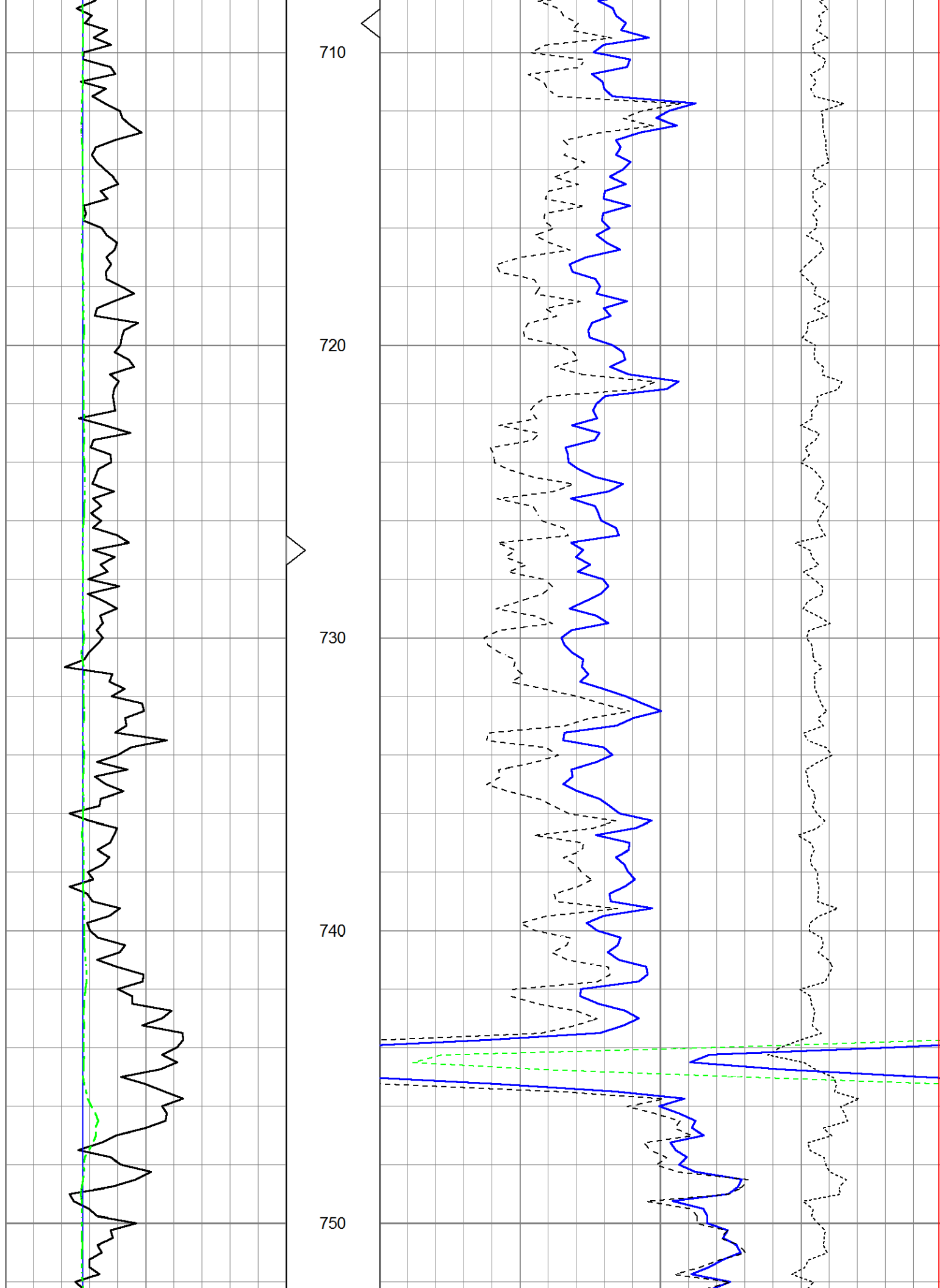
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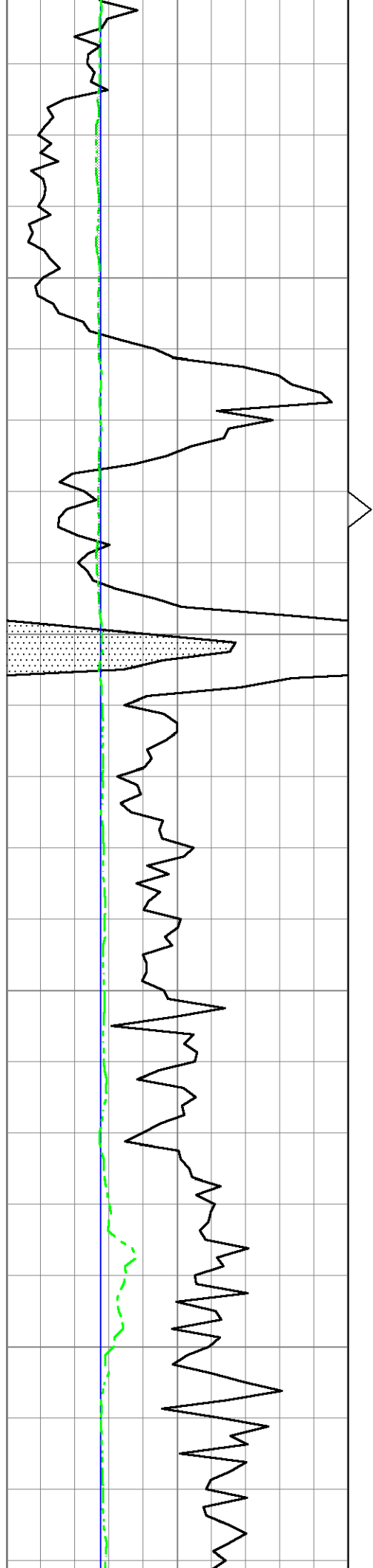
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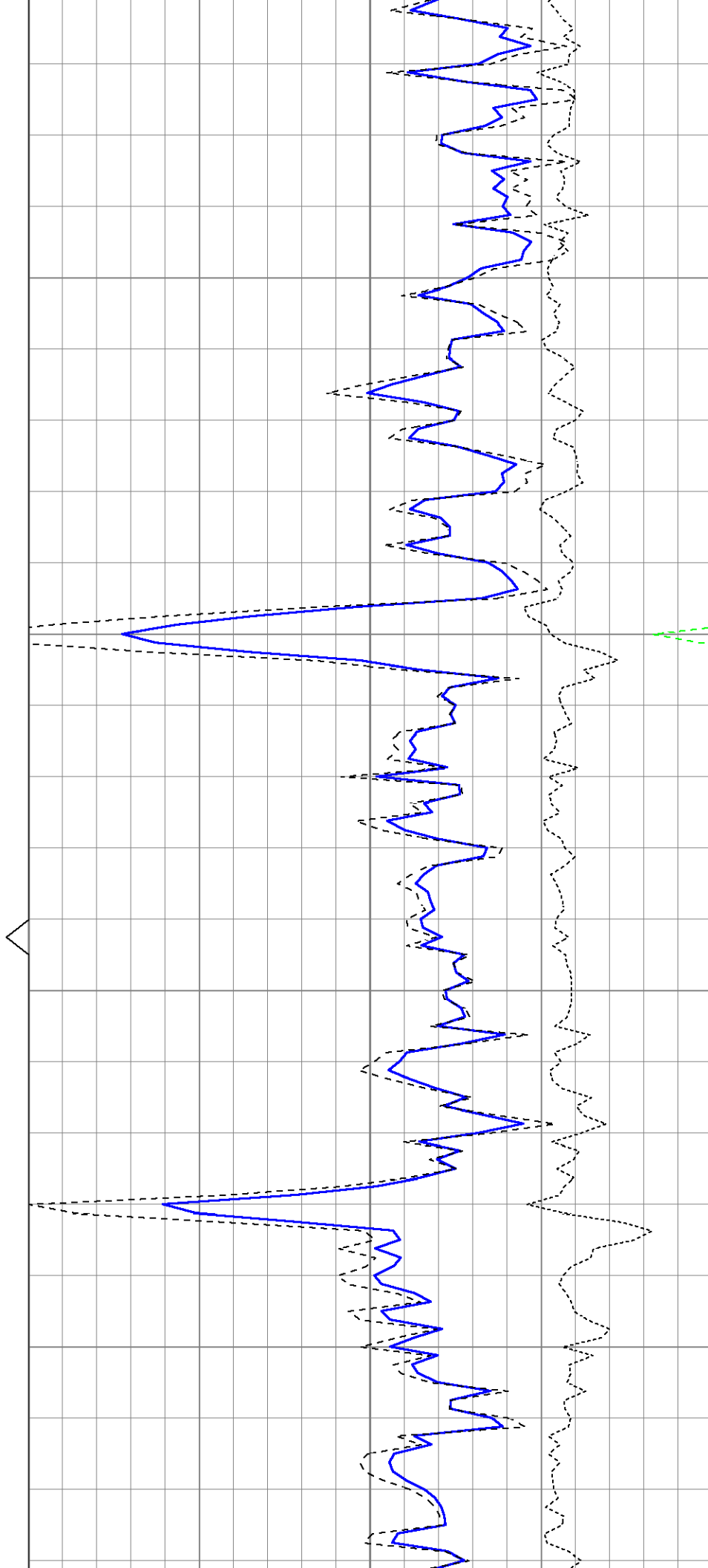


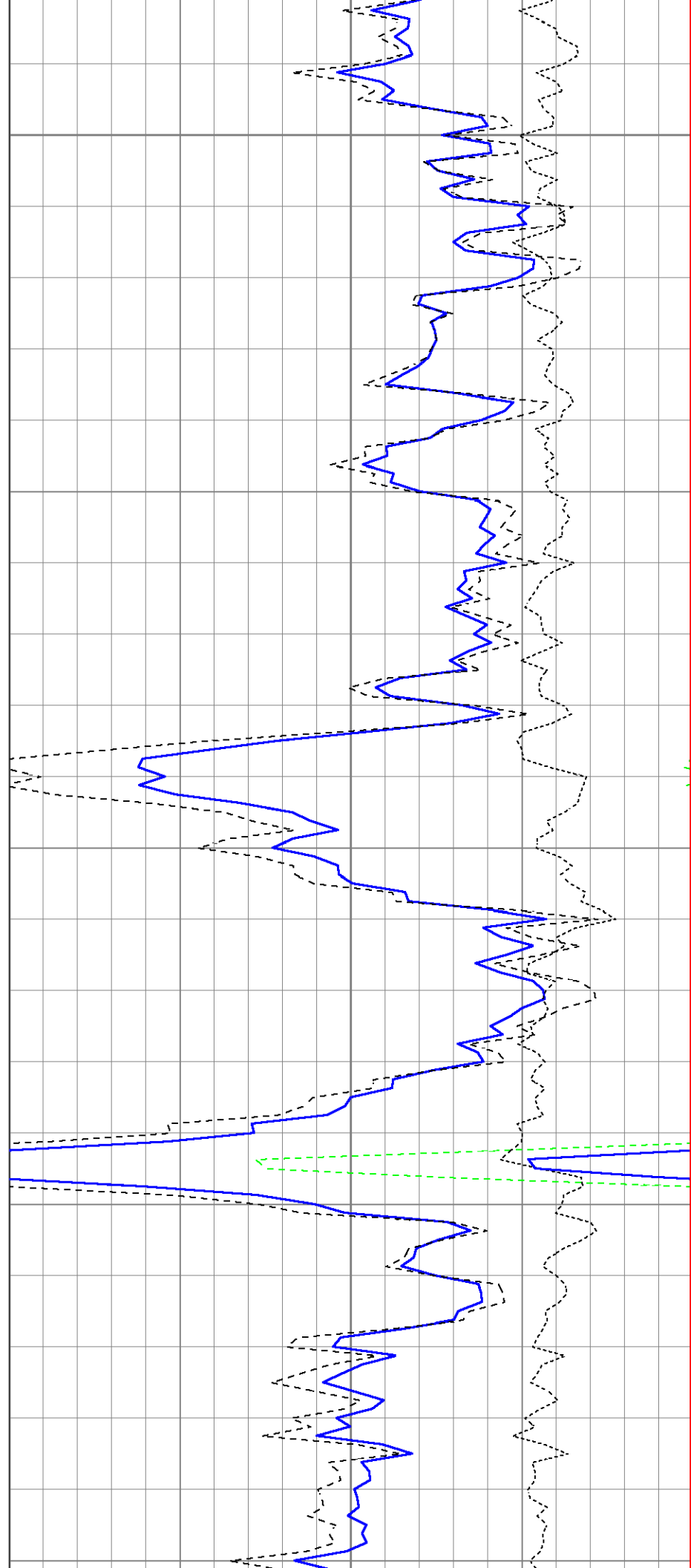
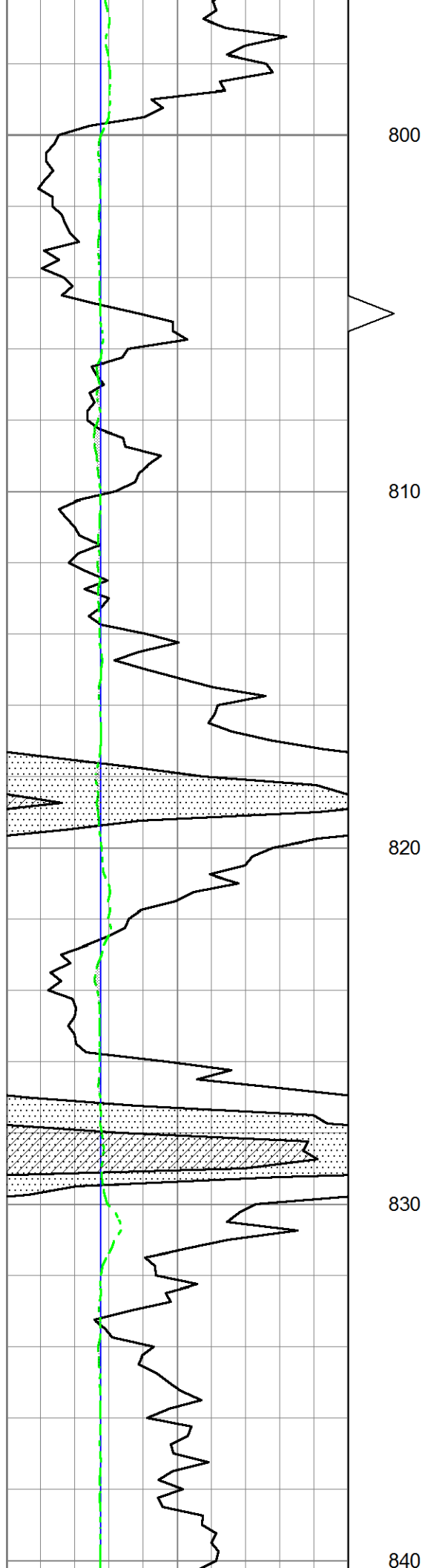
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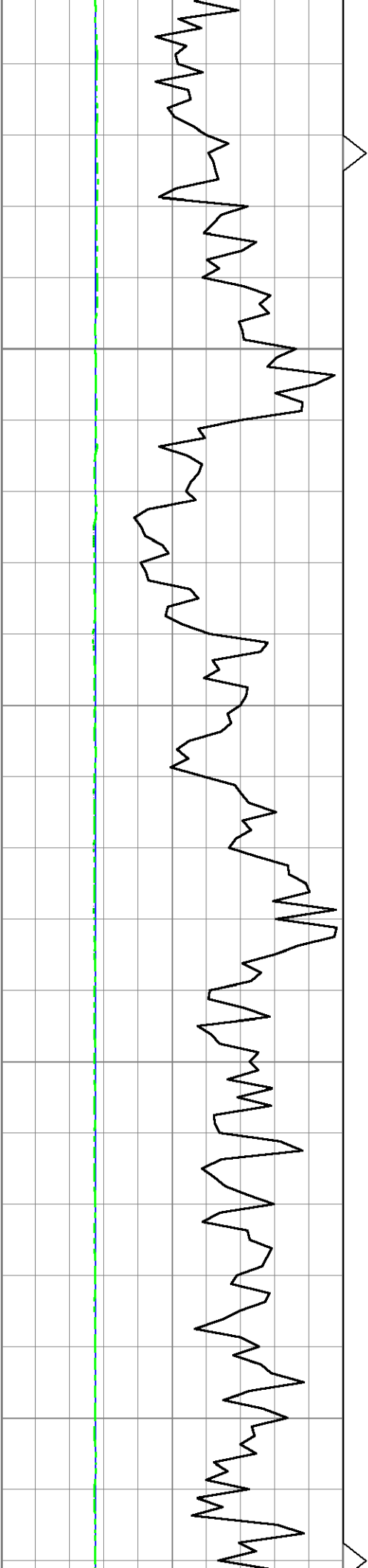
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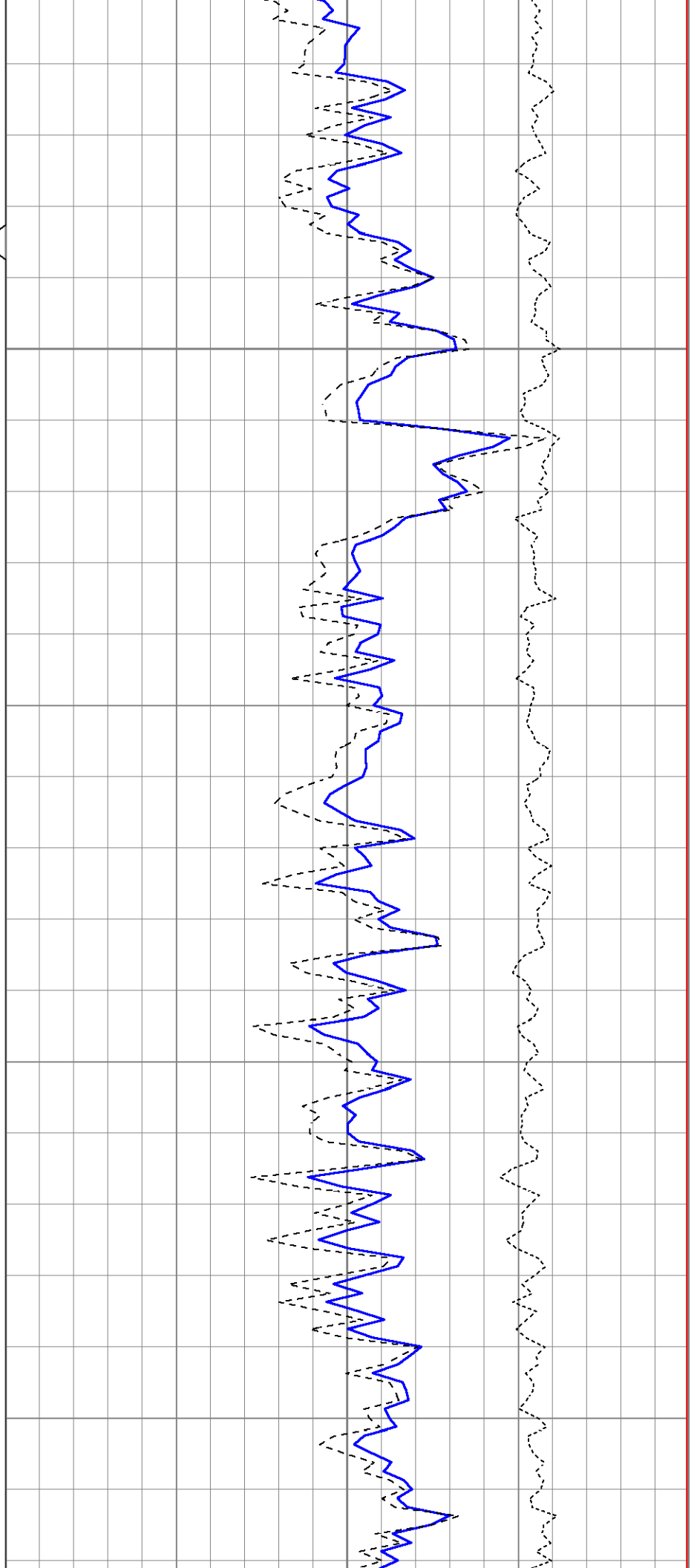


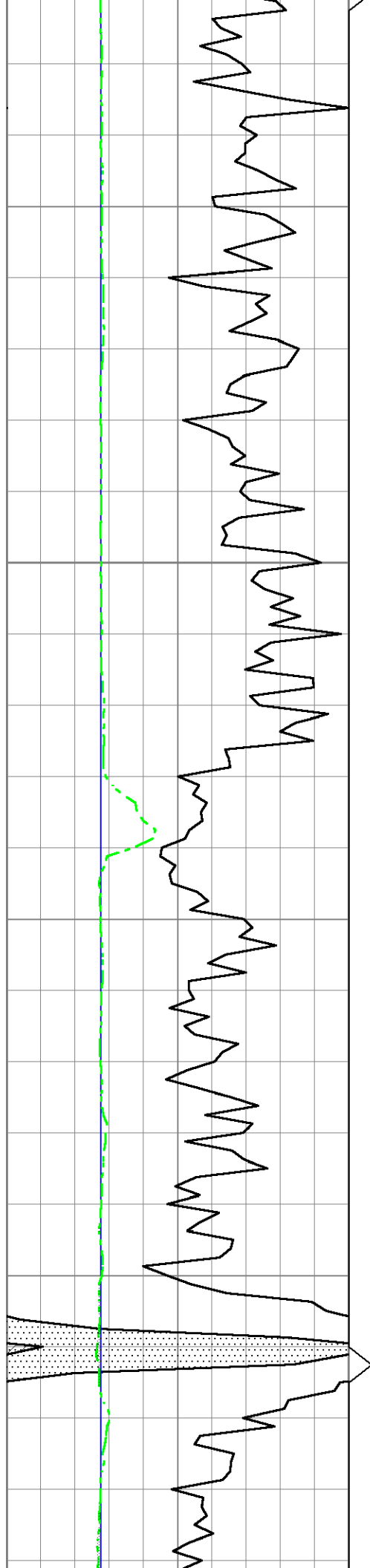
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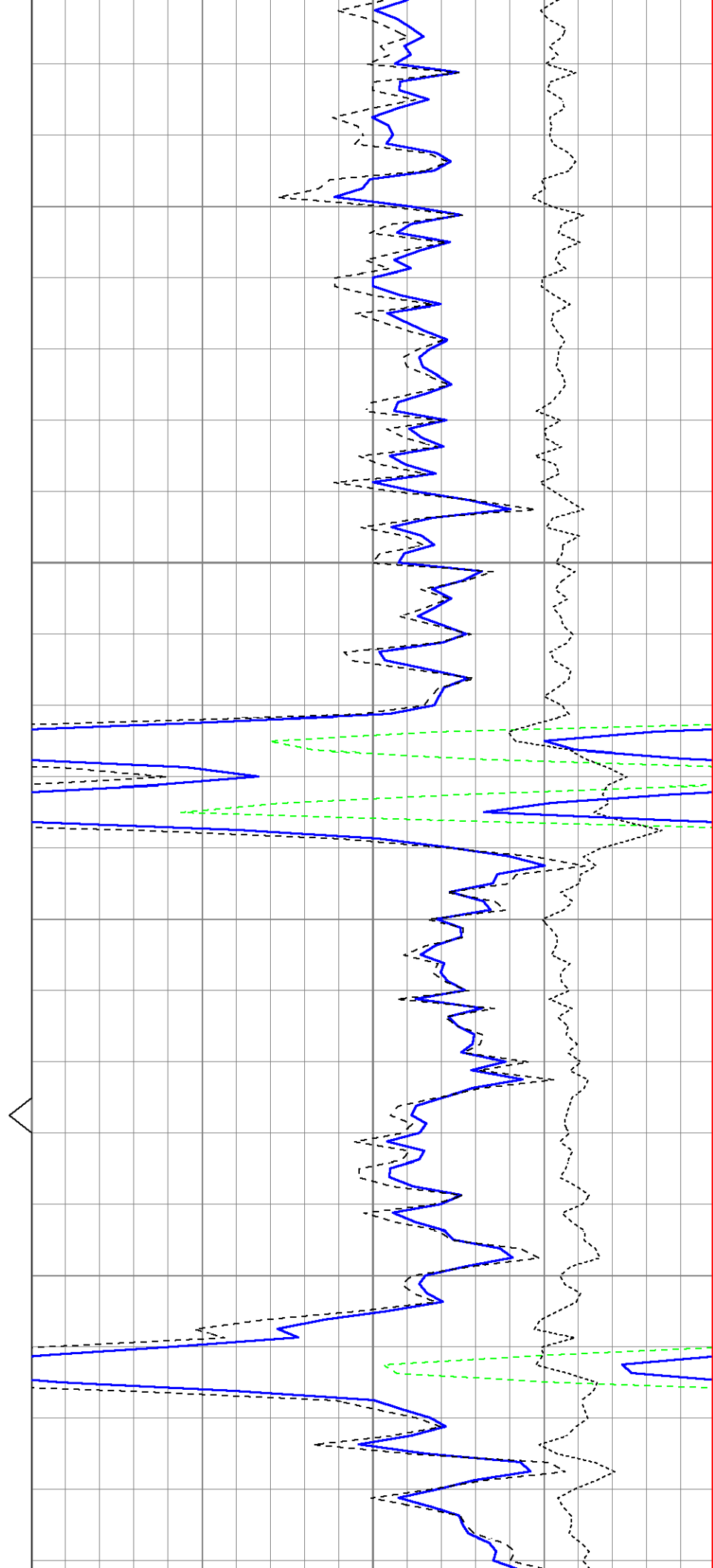


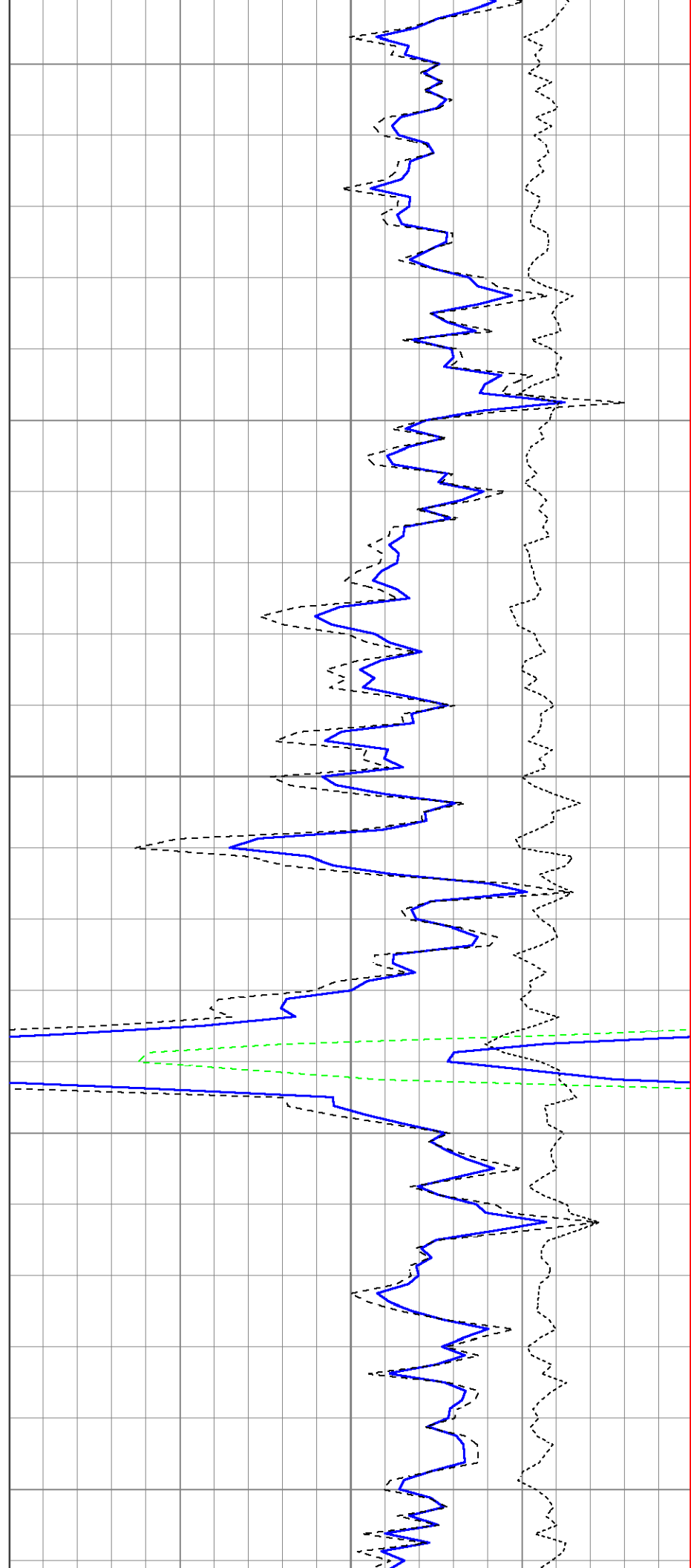
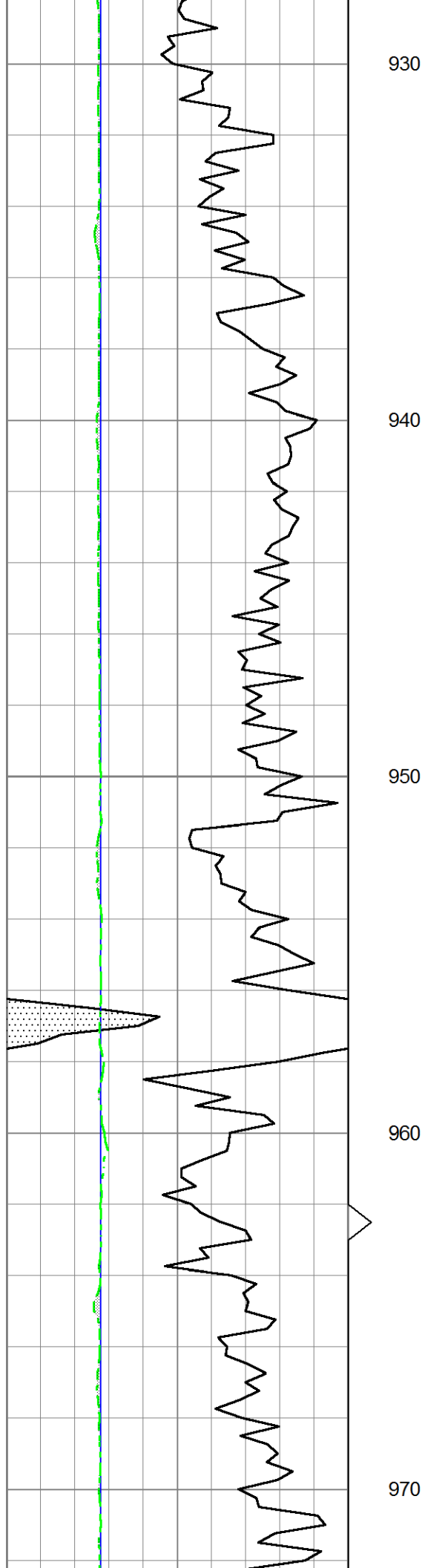
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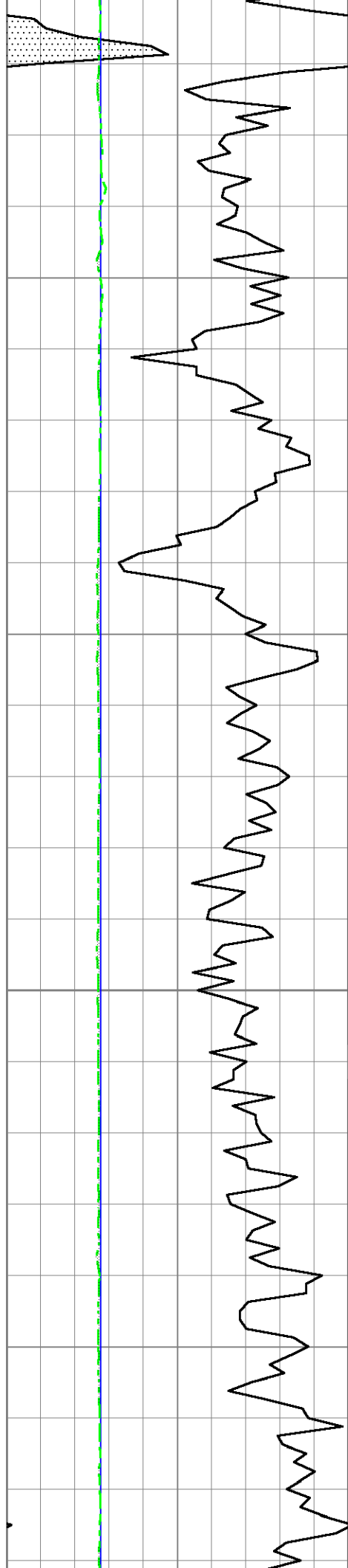
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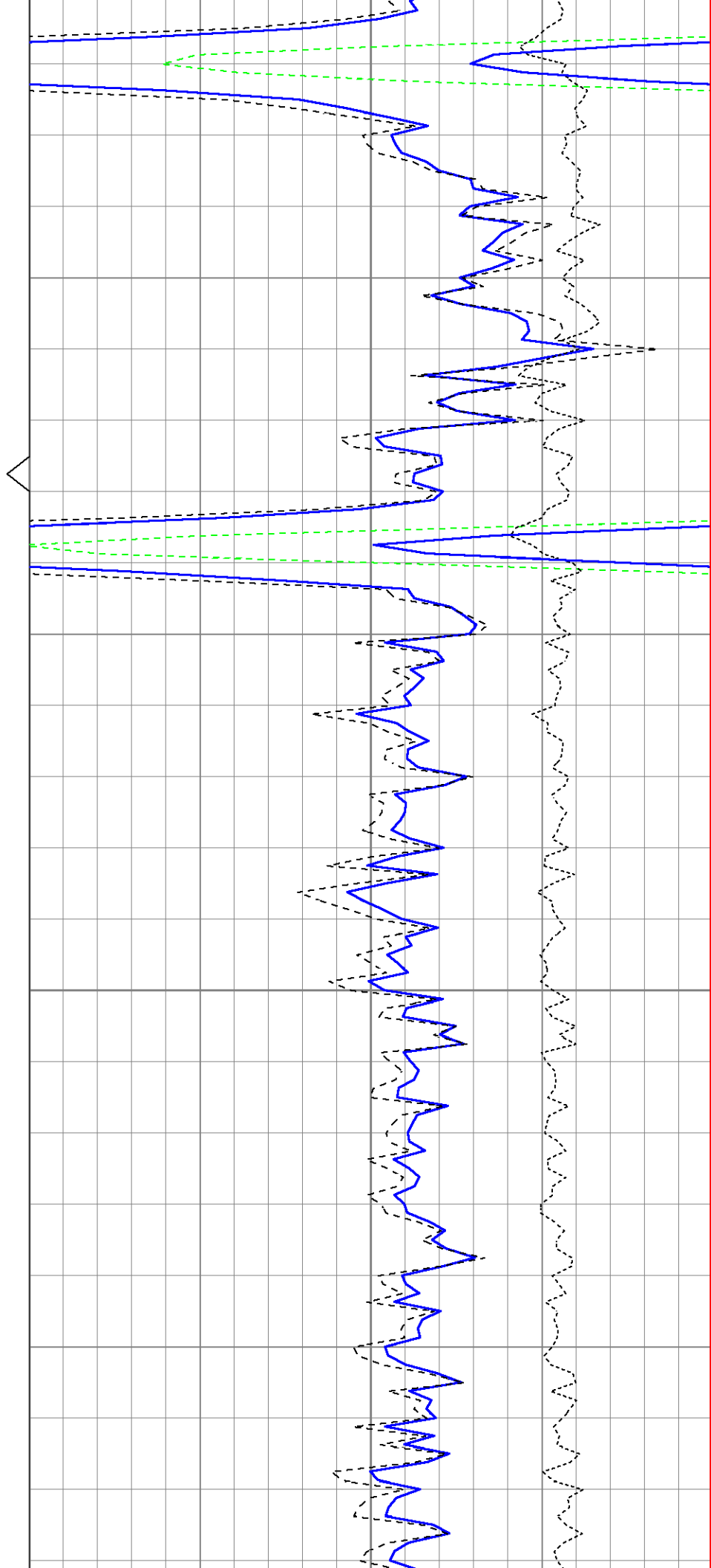


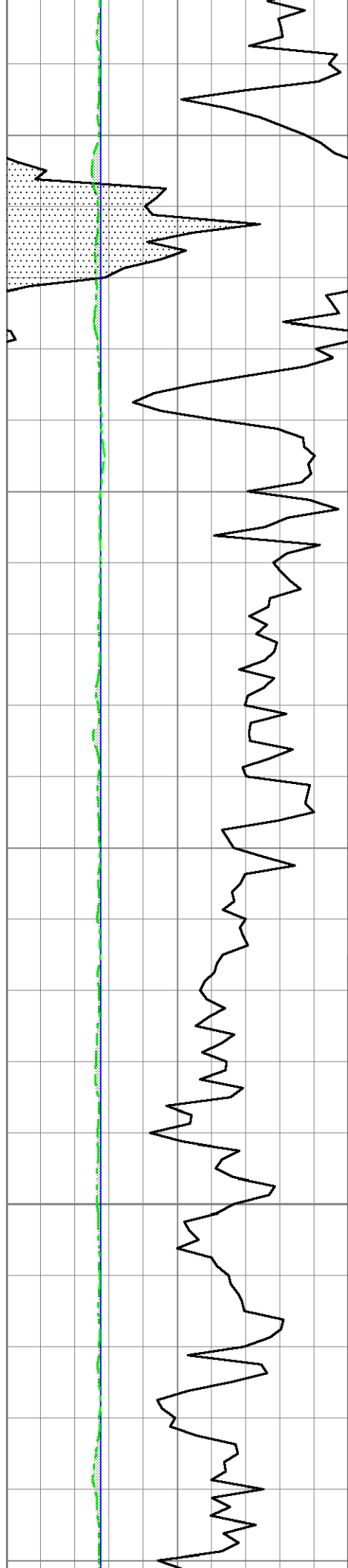
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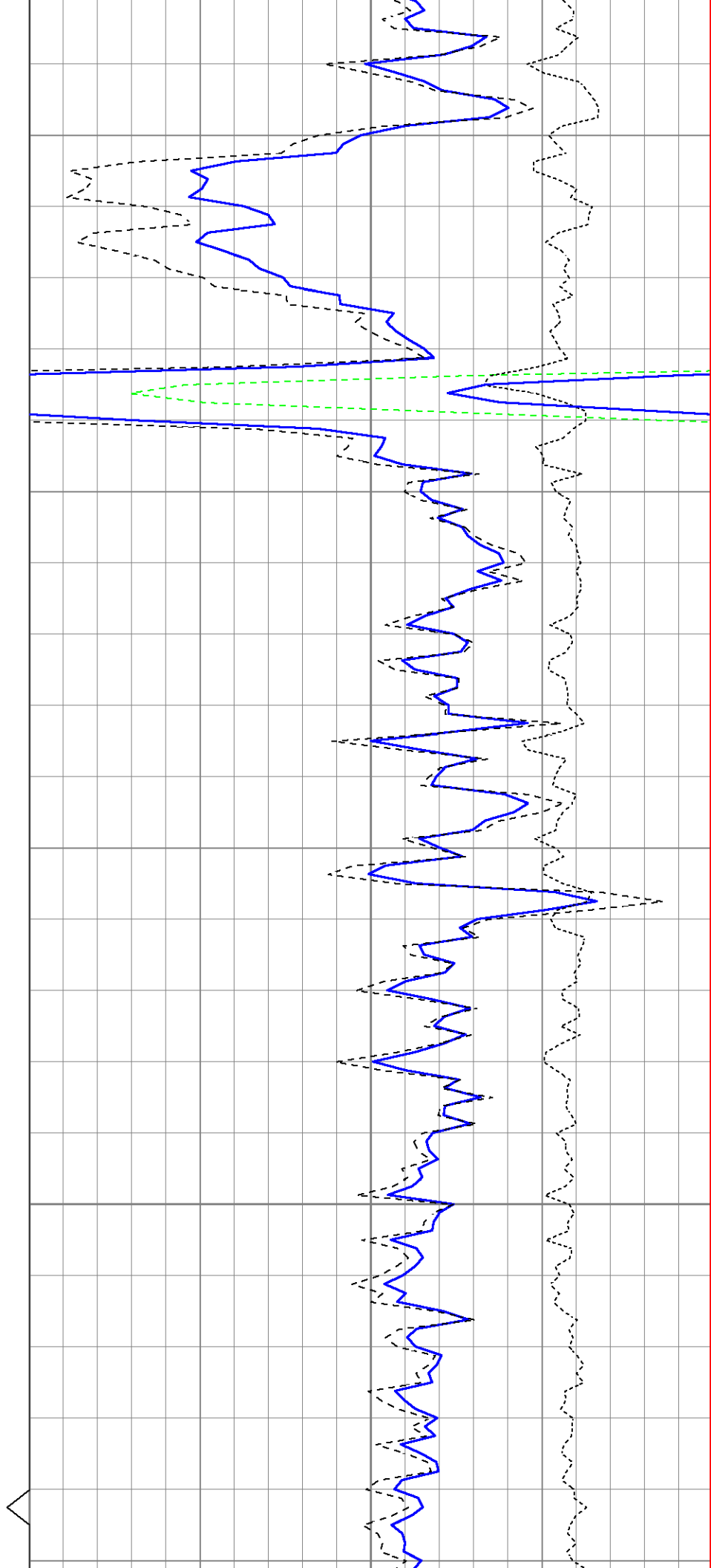
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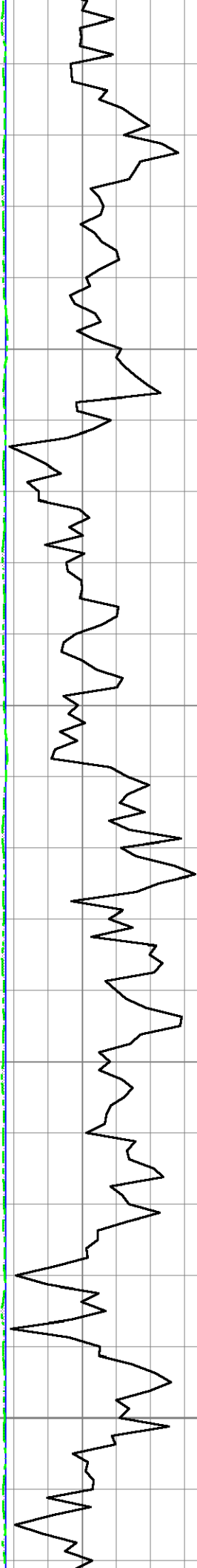
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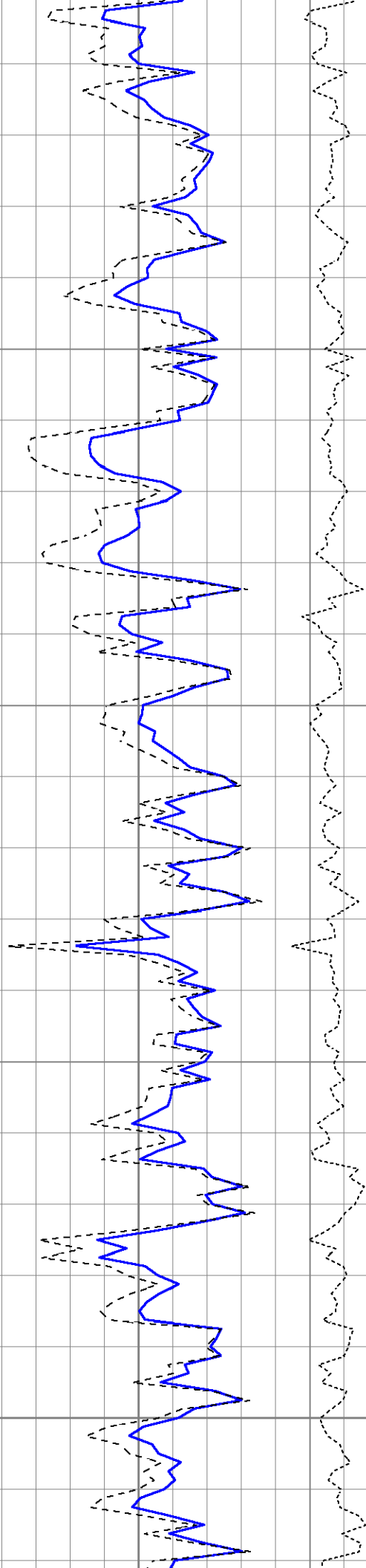


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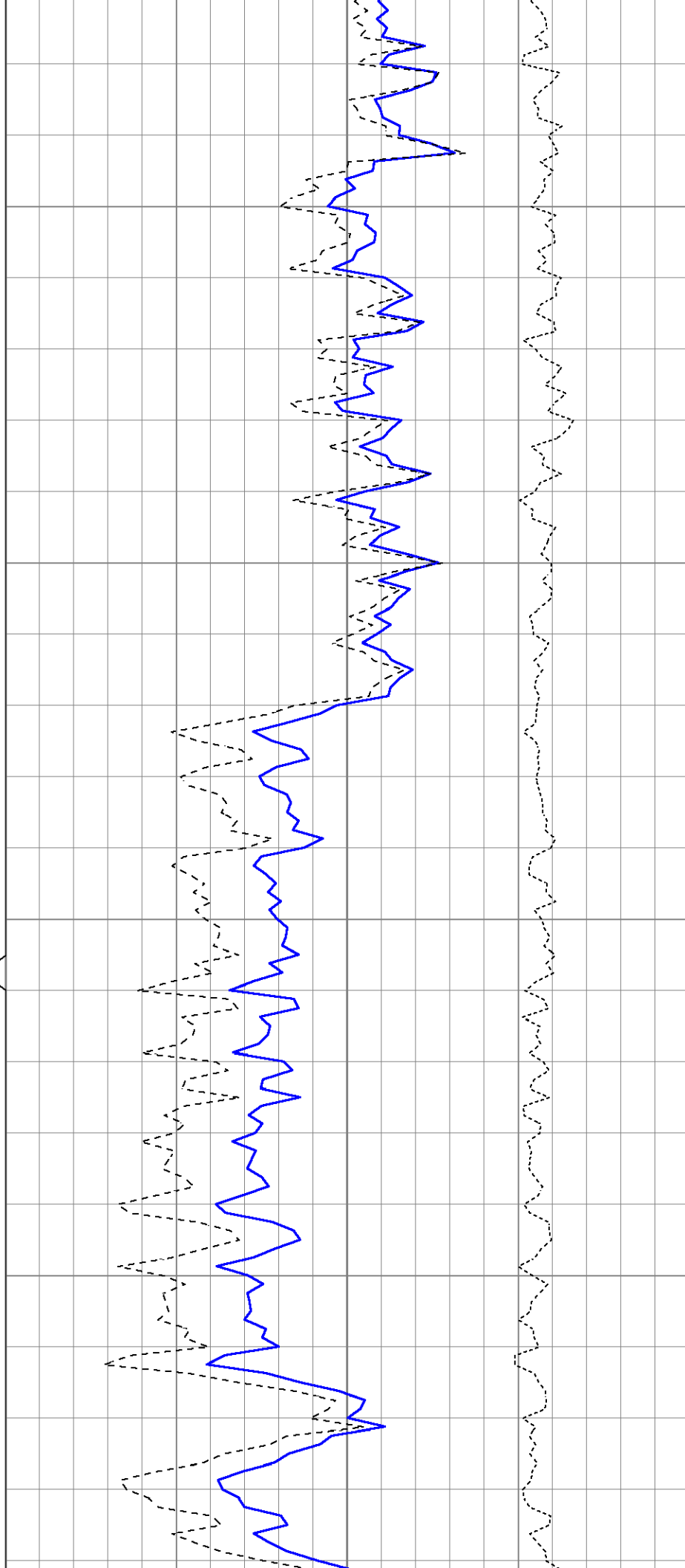


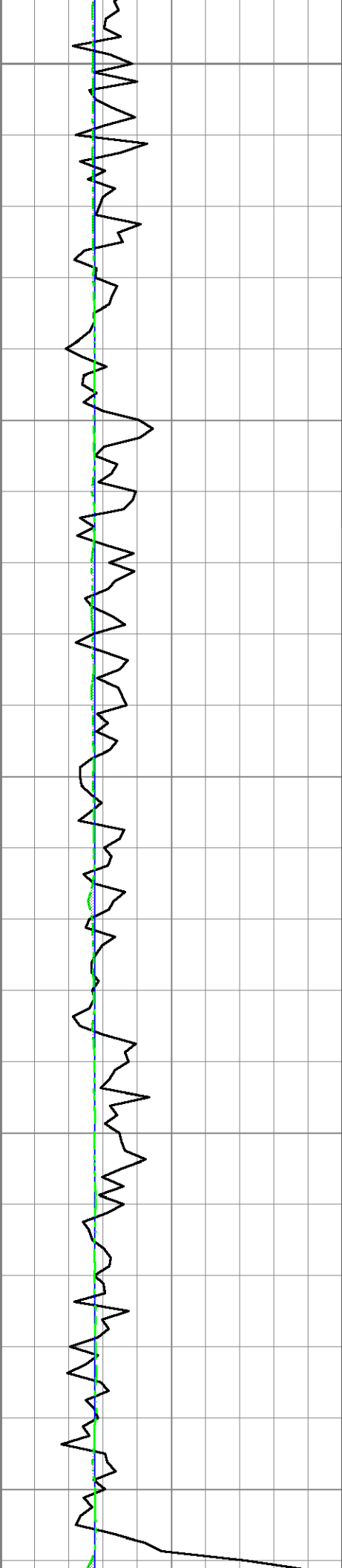
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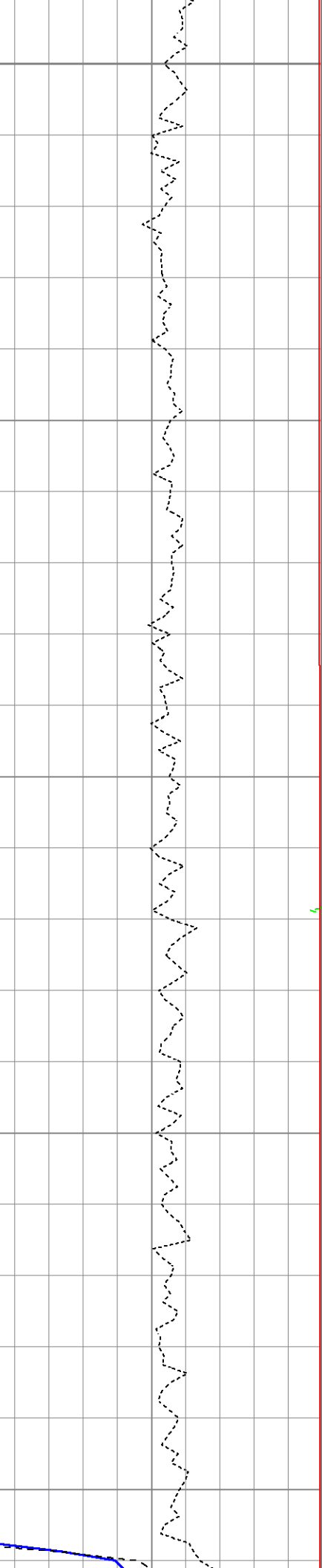
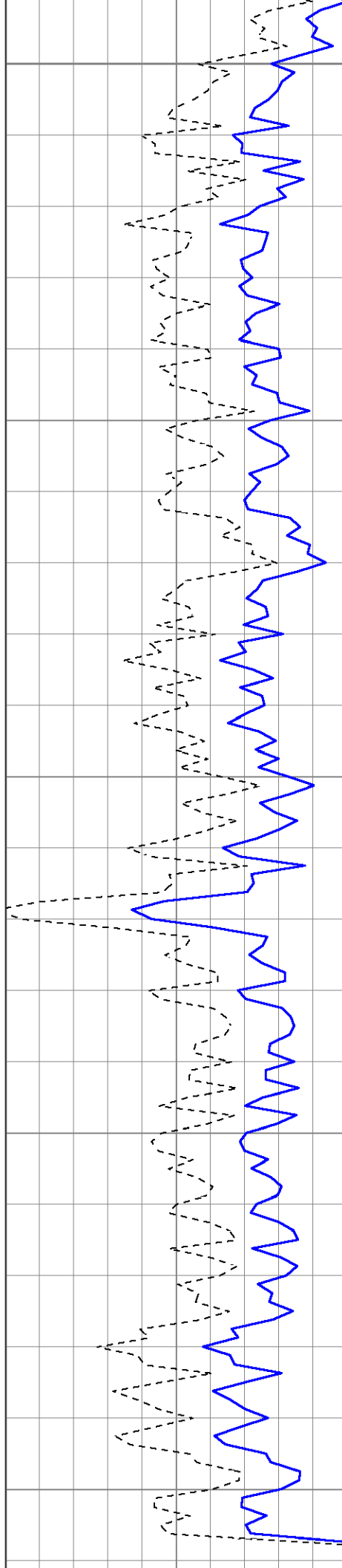
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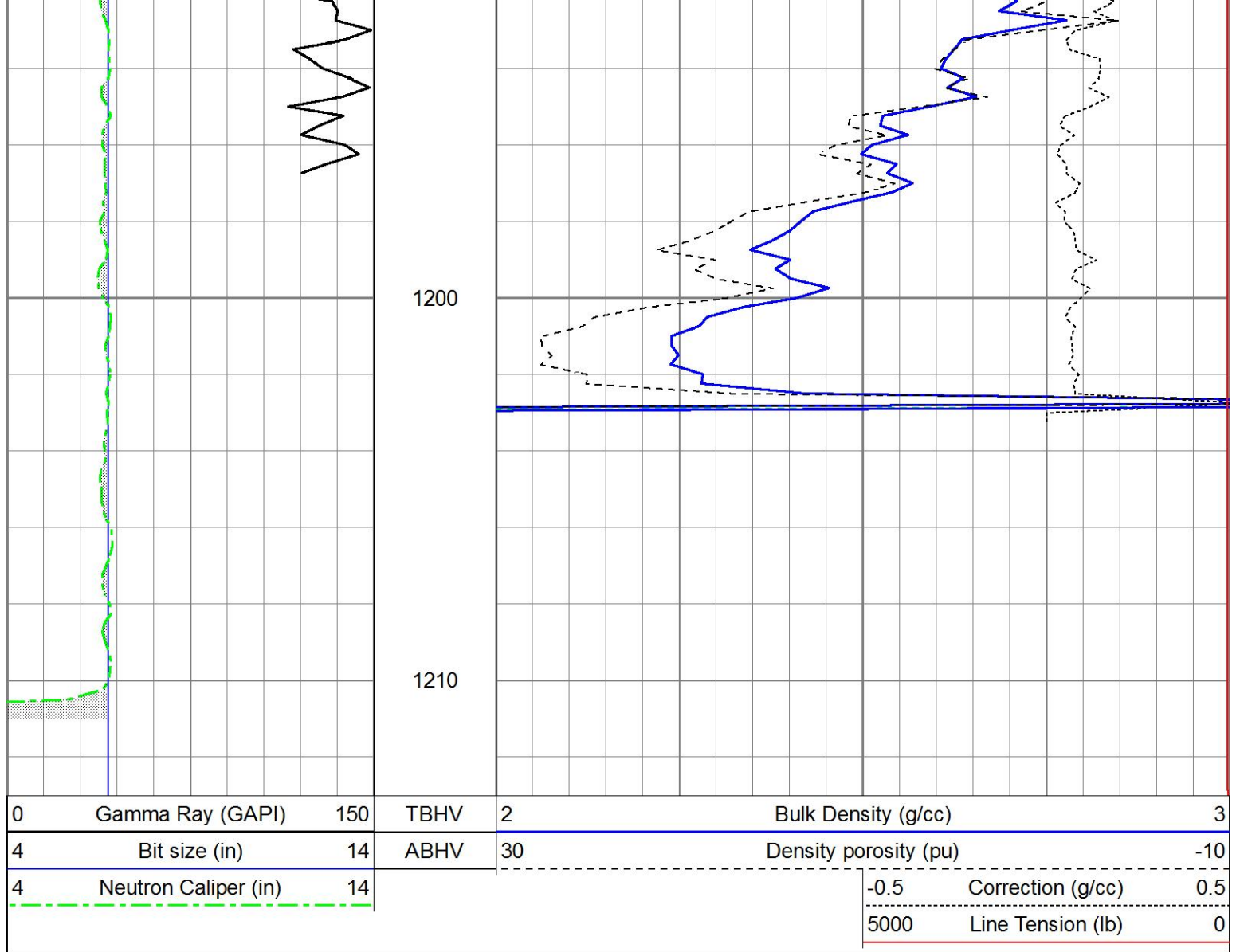
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1190





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	10.21		Density-Oilex2226 (2226) 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: ow2-8988 cherokee wells.db: field/well/CDL/pass1

Total length: 18.15 ft

Total weight: 445.00 lb

O.D.: 4.00 in