



HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	CHEROKEE WELLS, LLC.	Company	CHEROKEE WELLS, LLC.
Well	DART et al # 8-21	Well	DART et al # 8-21
Field	BUFFALO - VILAS	Field	BUFFALO - VILAS
County	WILSON	County	WILSON
State	KANSAS	State	KANSAS
Location:	API # : 15-205-28464-0000	Other Services	DIL
Permanent Datum	GL	Elevation	965'
Log Measured From	GL	K.B. ---	
Drilling Measured From	GL	D.F. ---	
		G.L. 965'	
SEC 21 TWP 27S RGE 16E			
1138' FNL & 688' FWL			
SW SE NW NW			
11-15-2018			
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	CHEM - GEL		
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	W. 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

OW2-9165
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

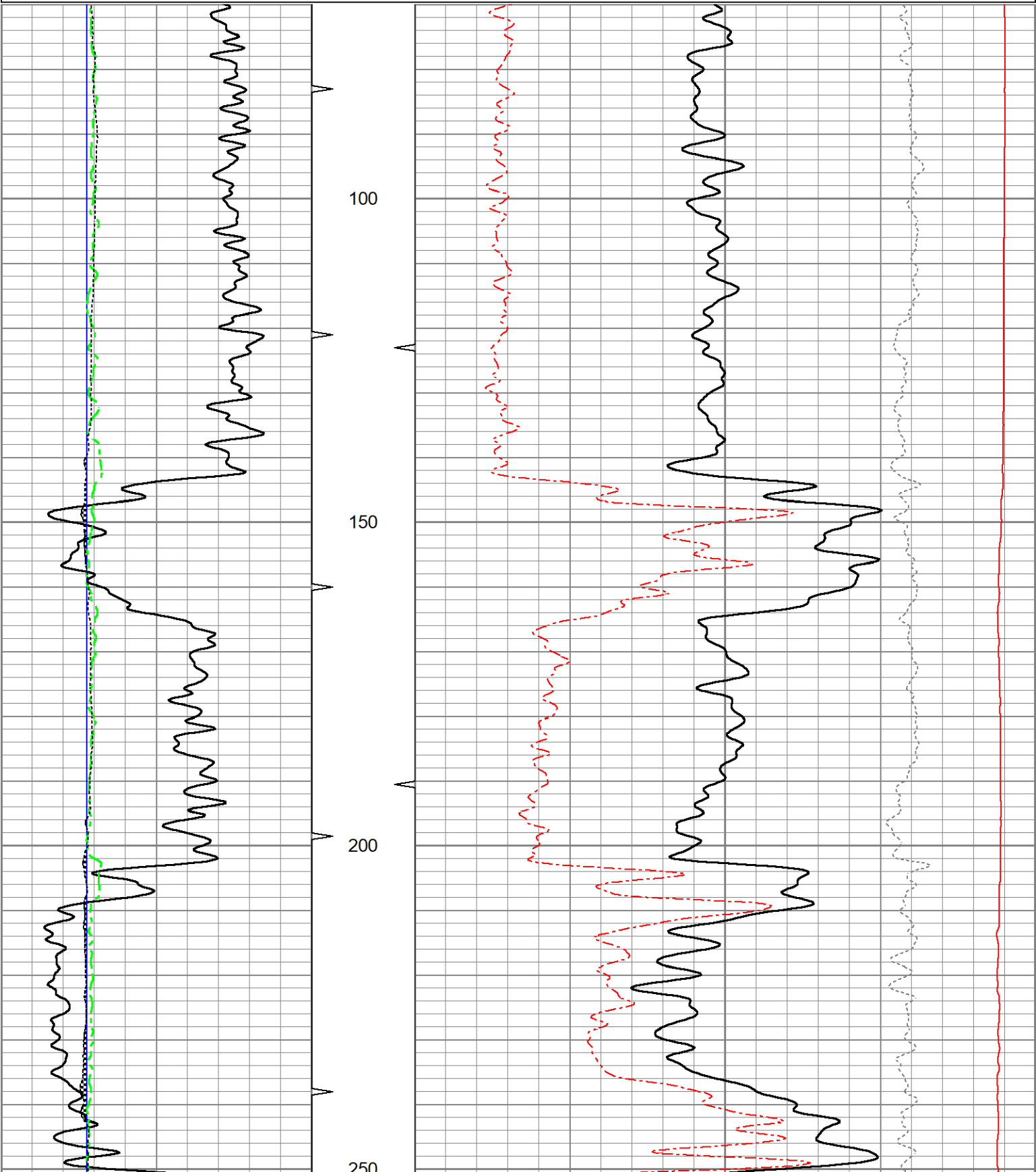
CREW : C. SHAMBLES

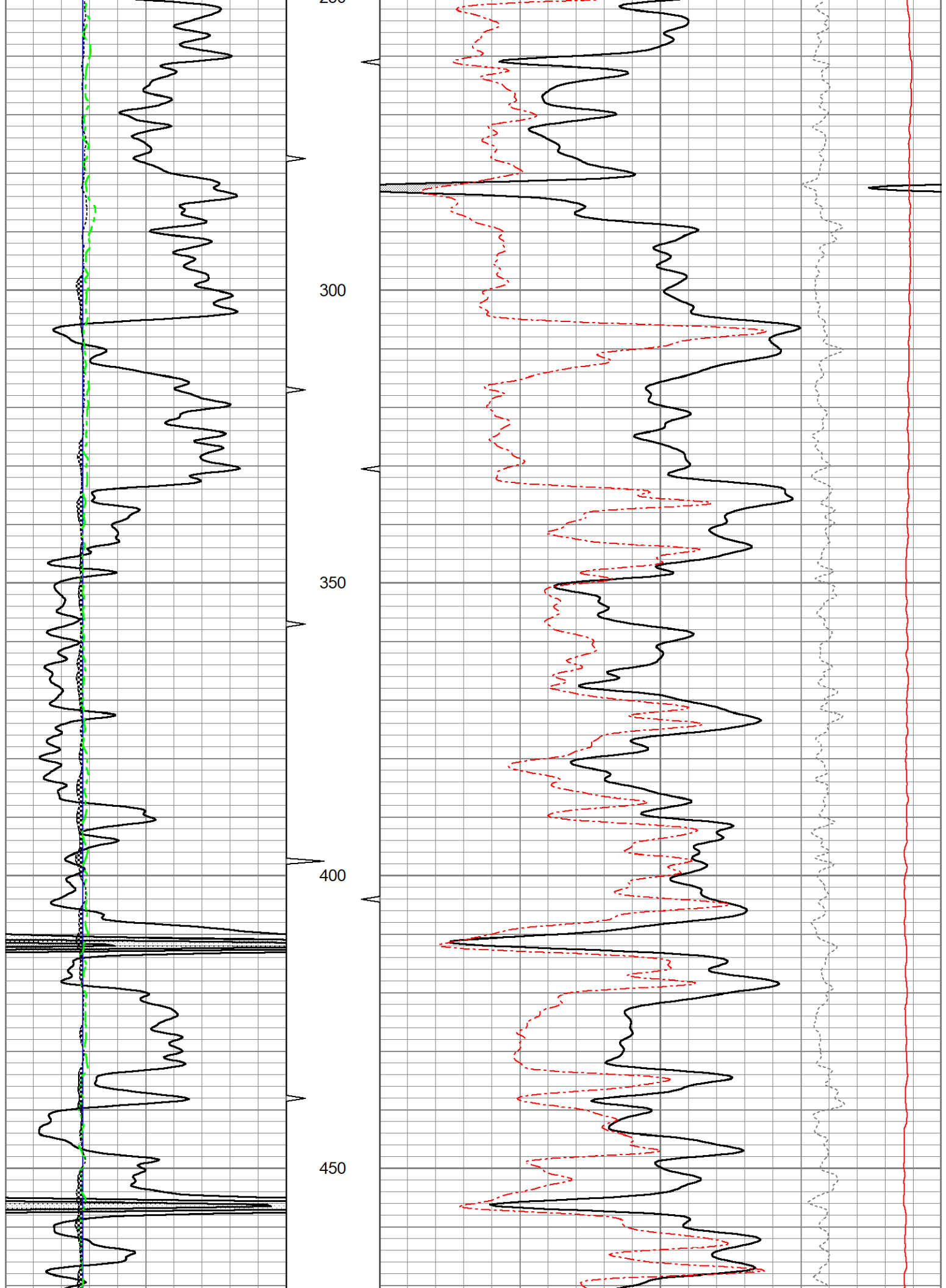


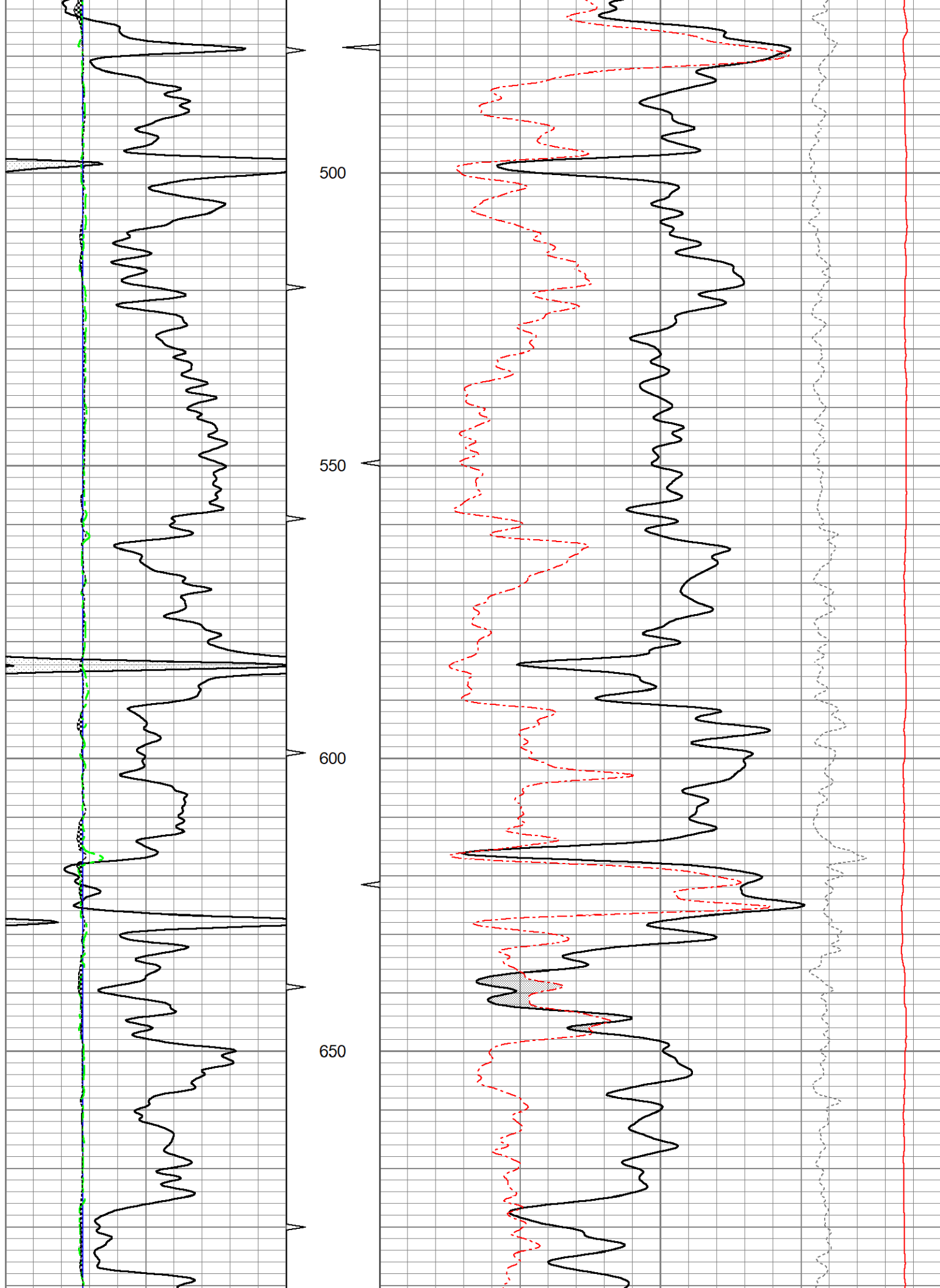
5" CDL/SWN SECTION

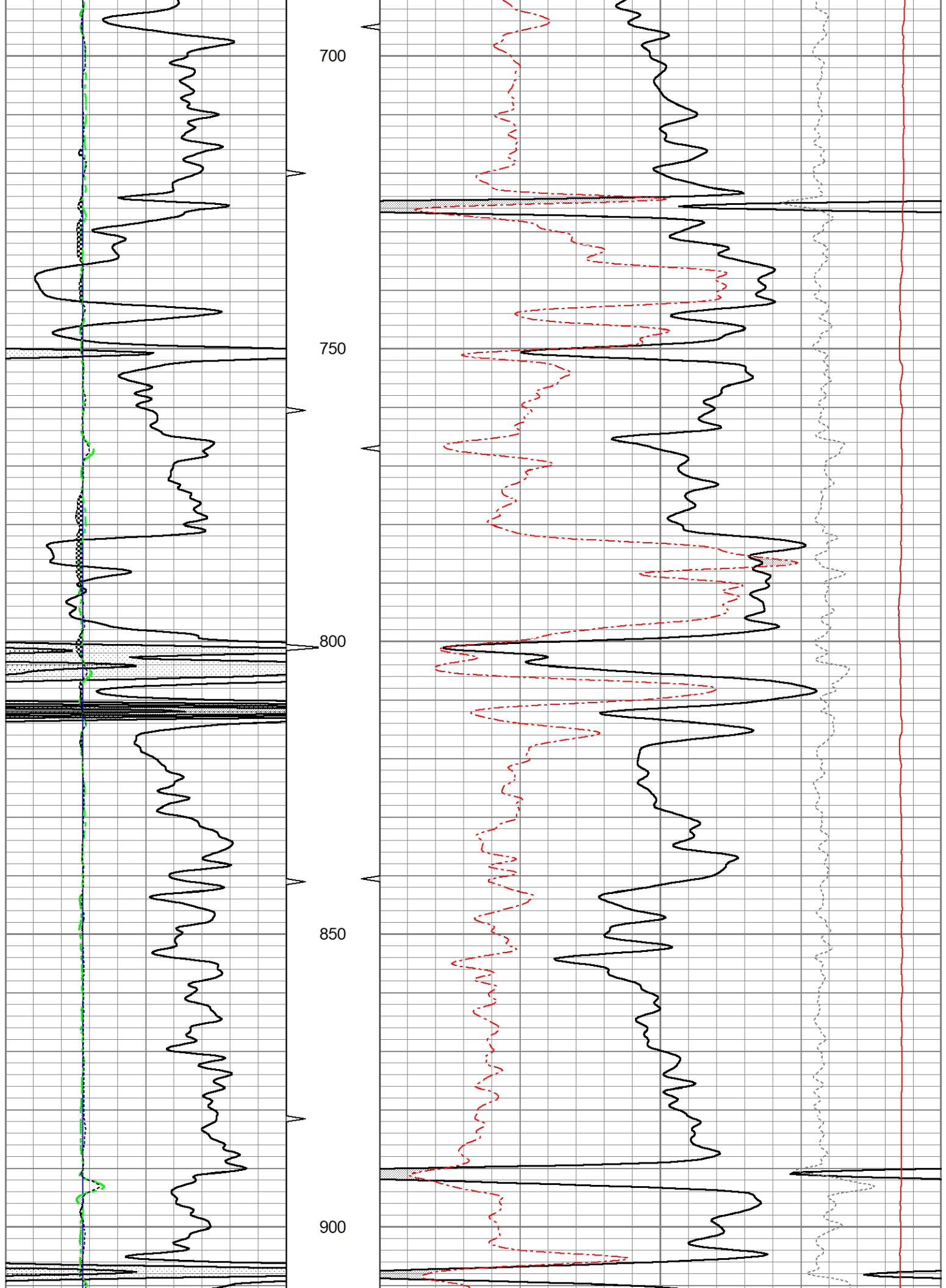
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Presentation Format	_neu4
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Charted by	Depth in Feet scaled 1:240

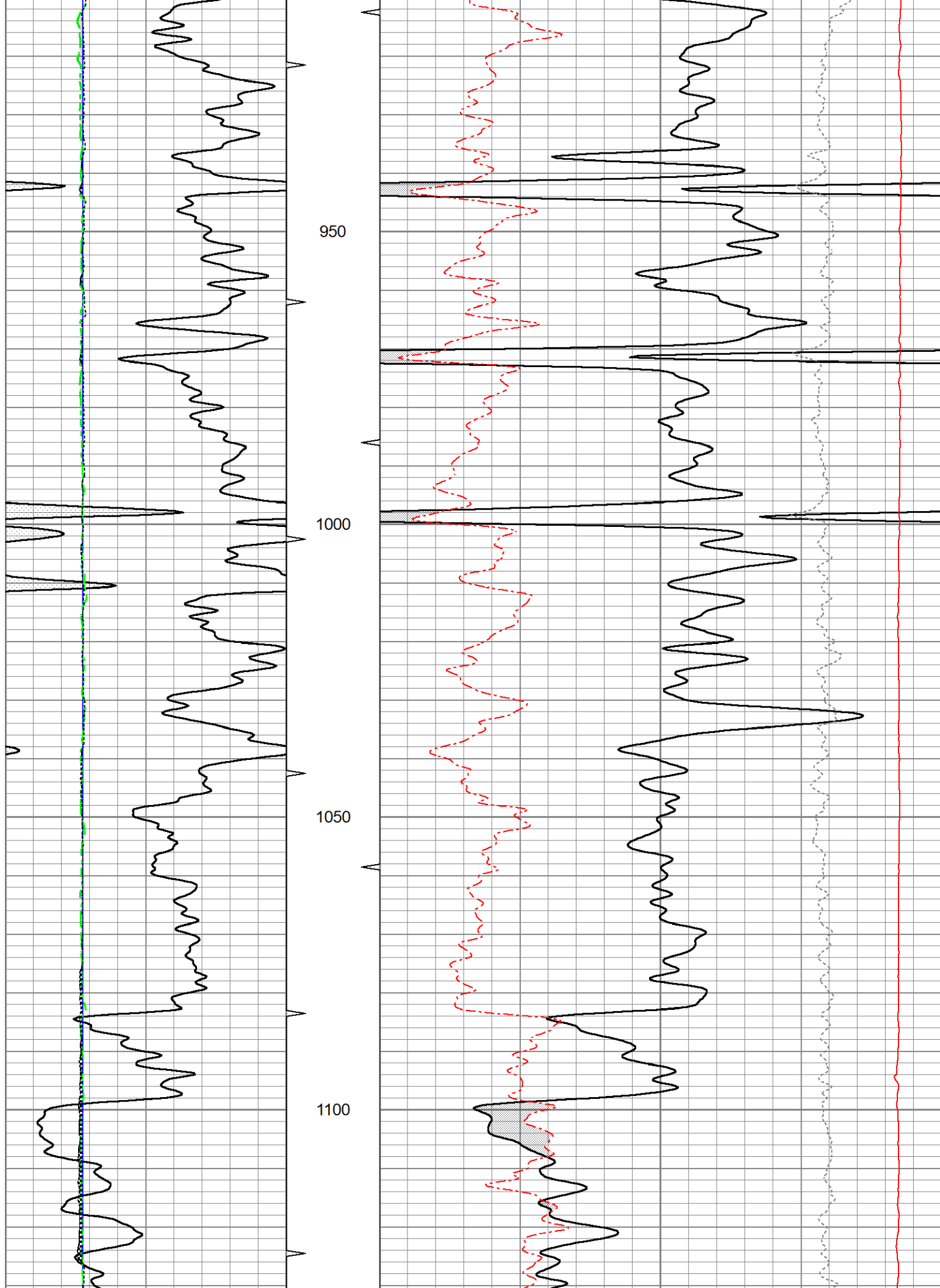
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4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

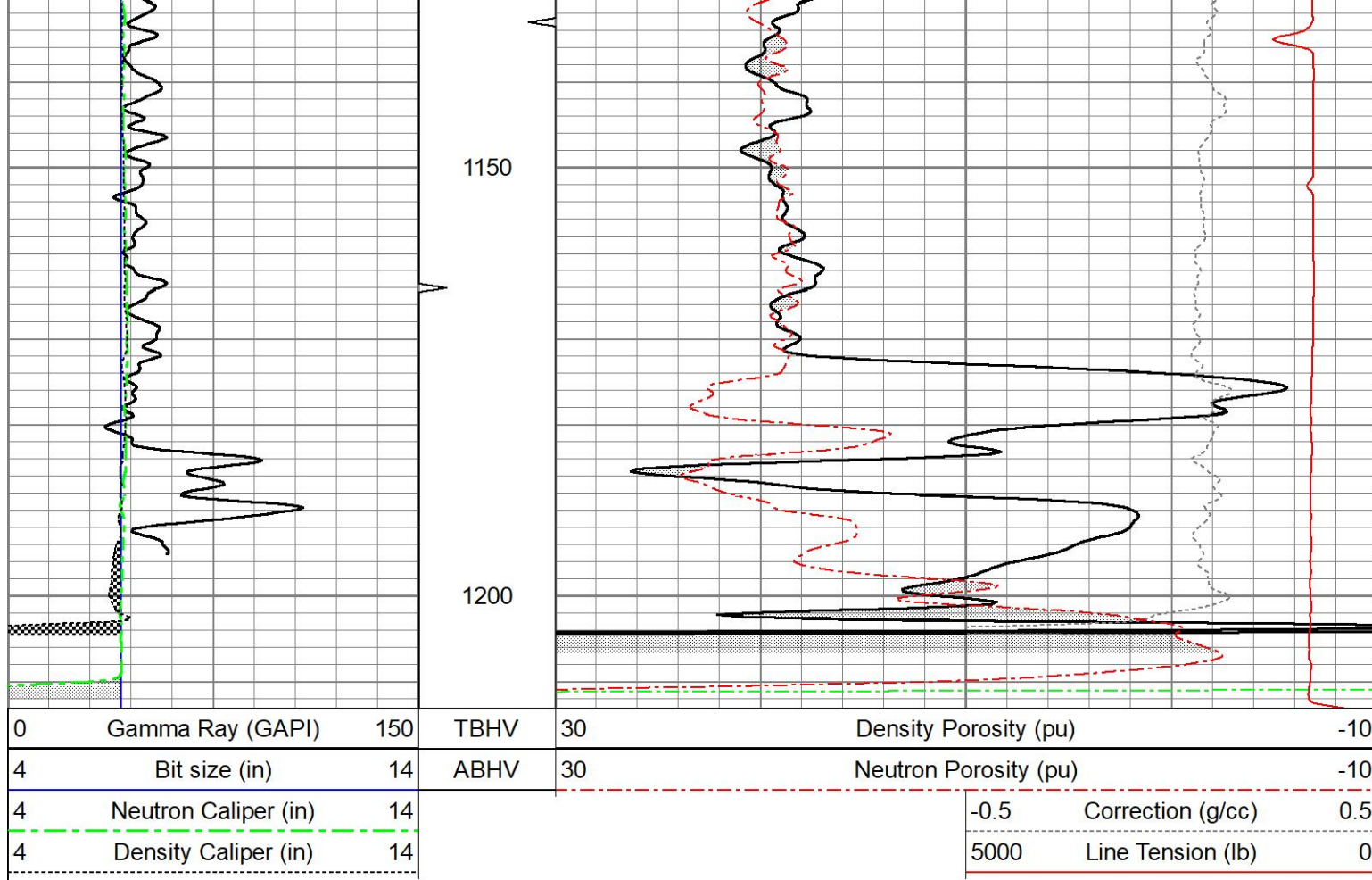








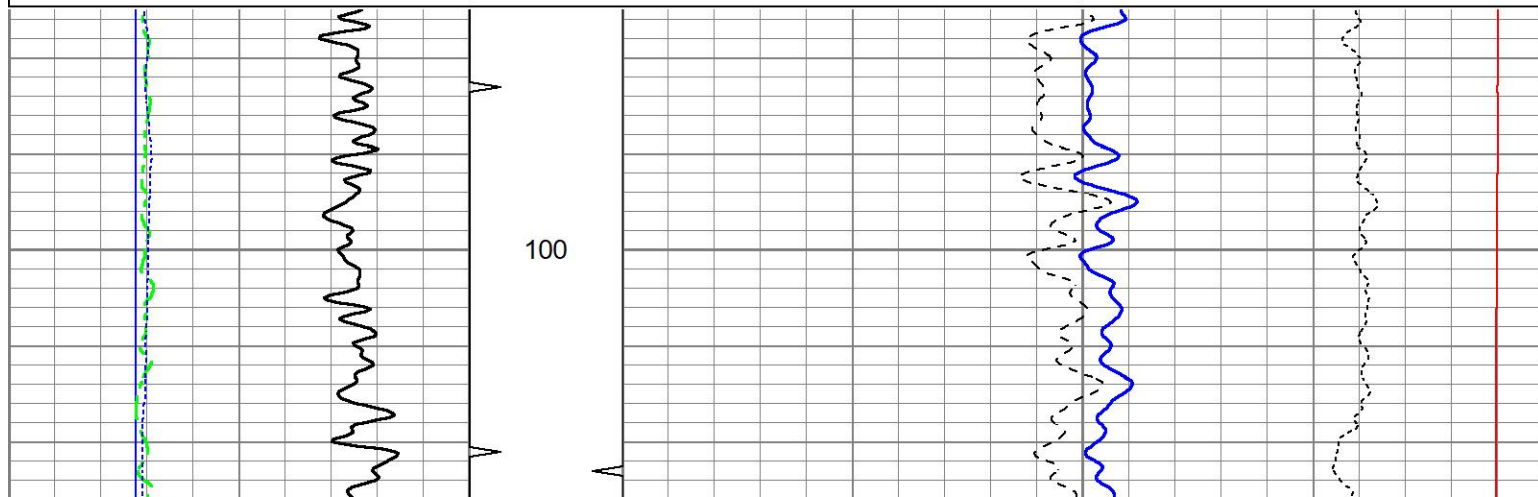


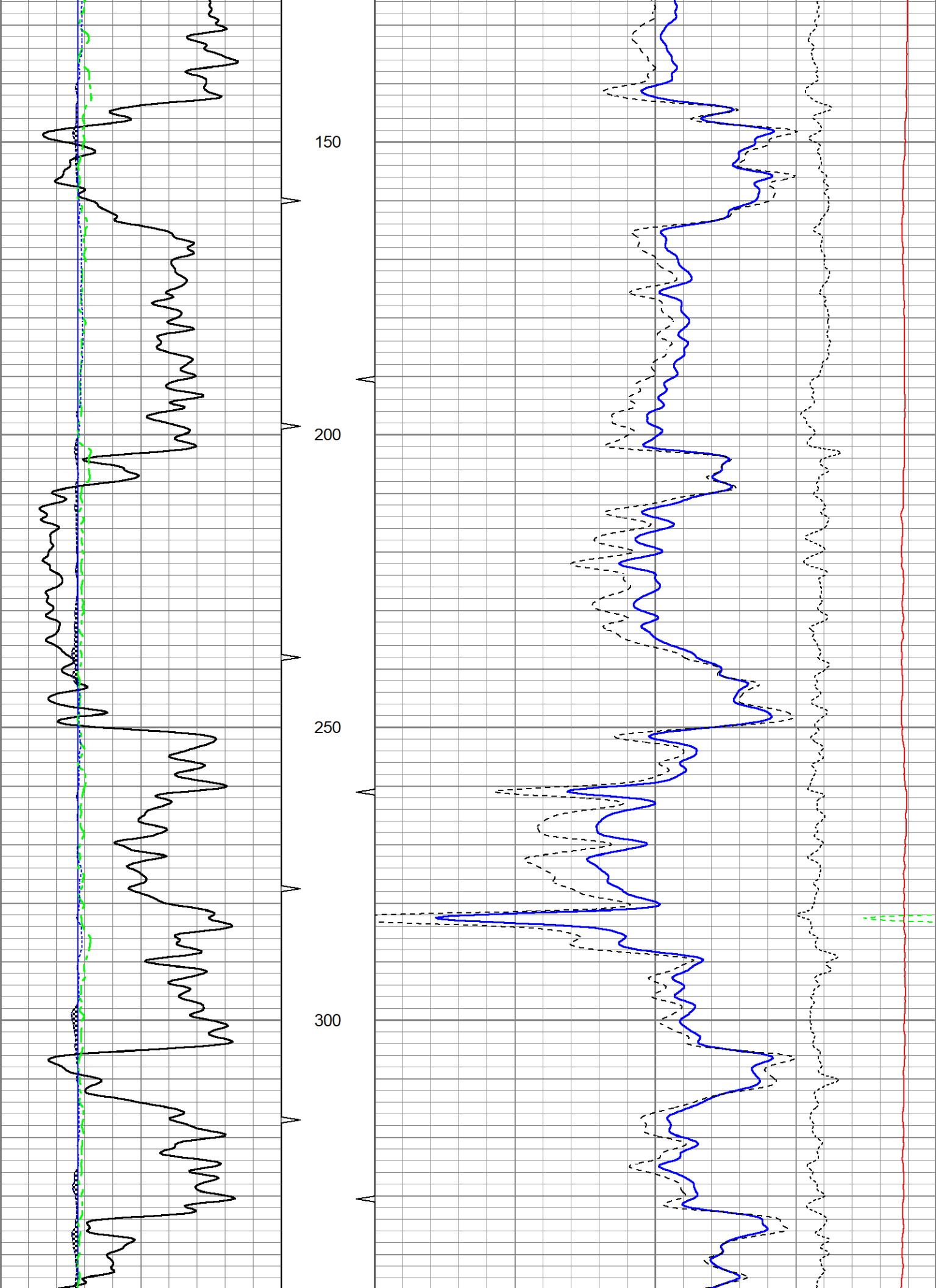


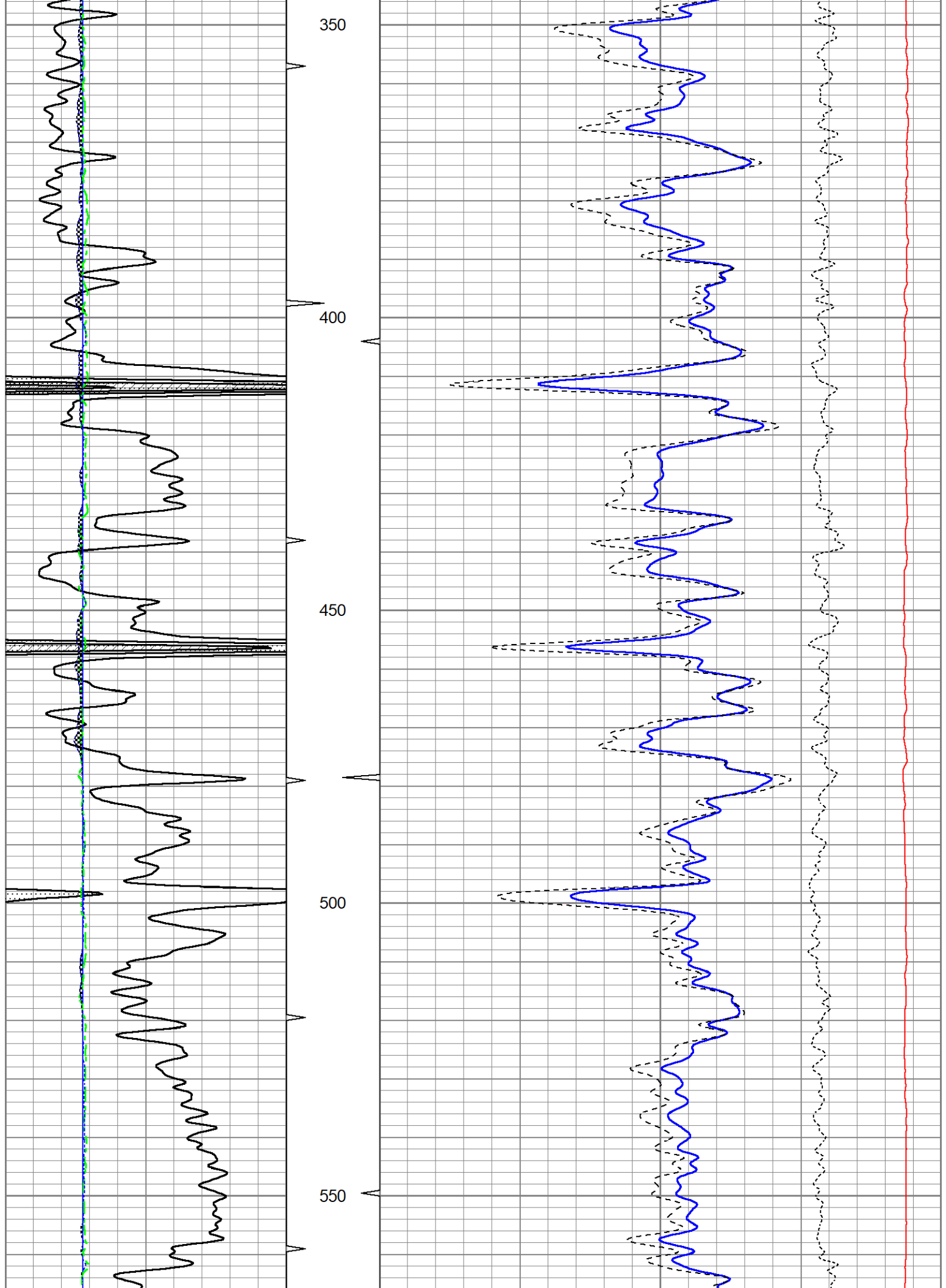
5" CDL SECTION

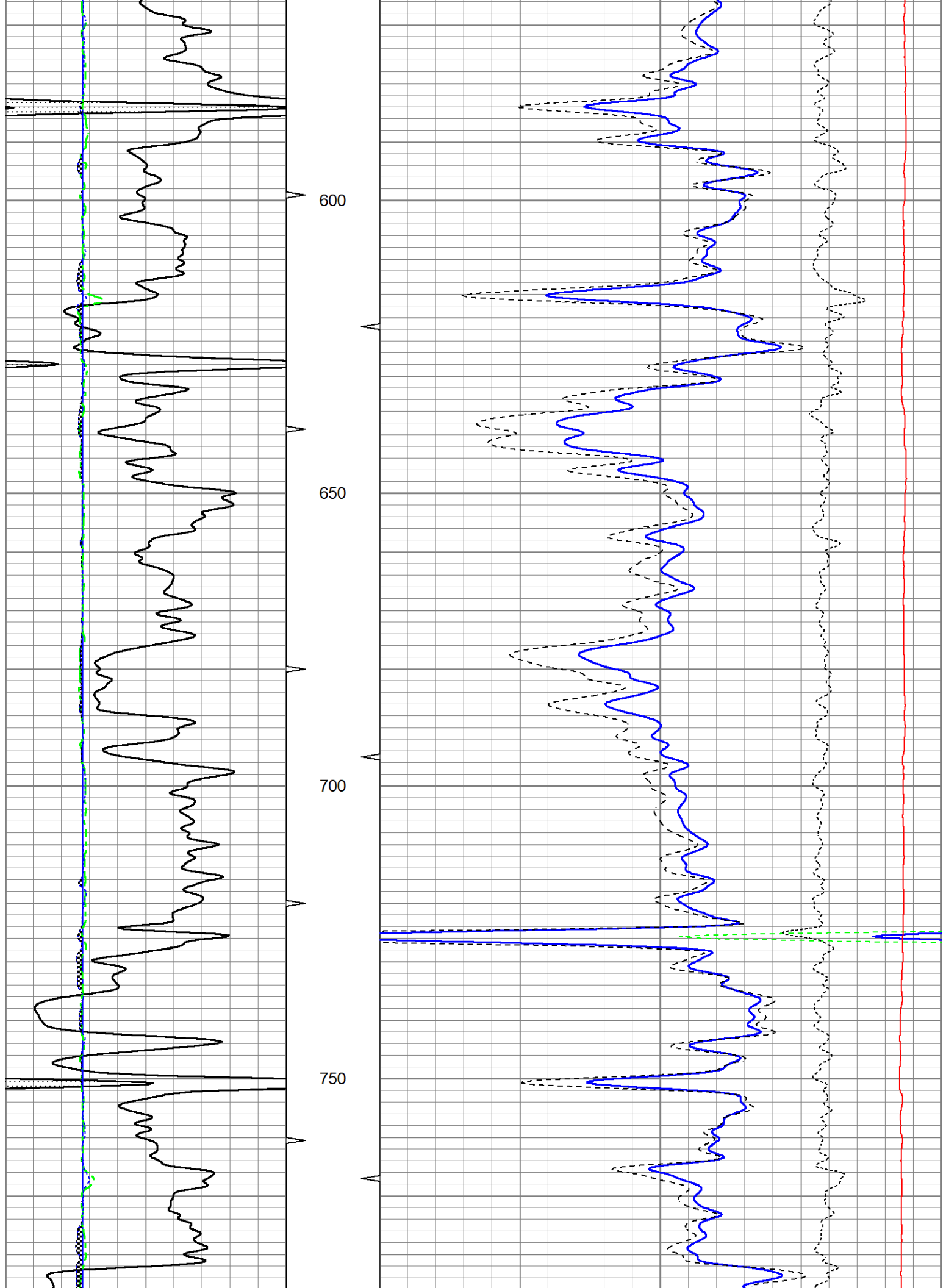
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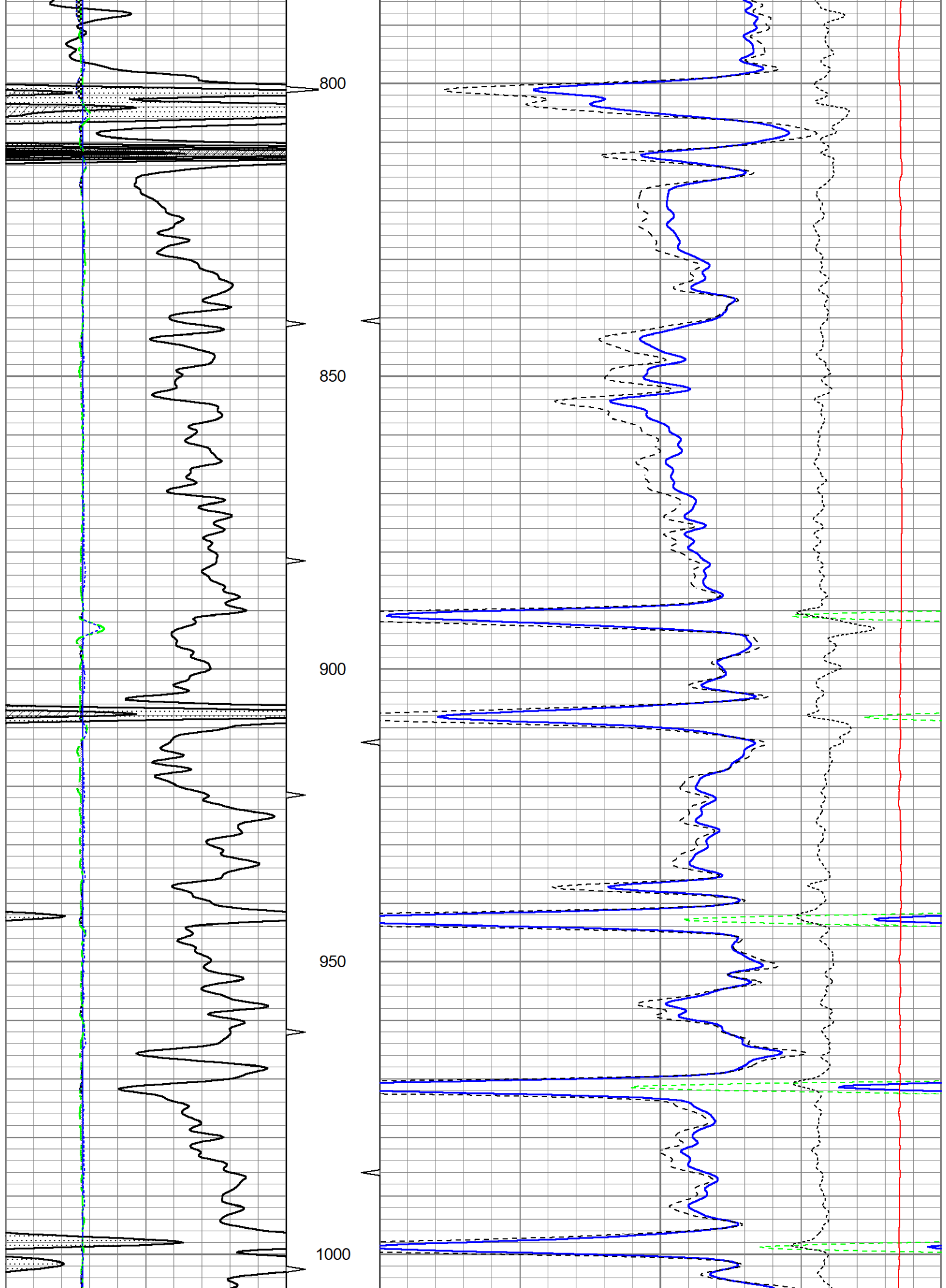
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4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

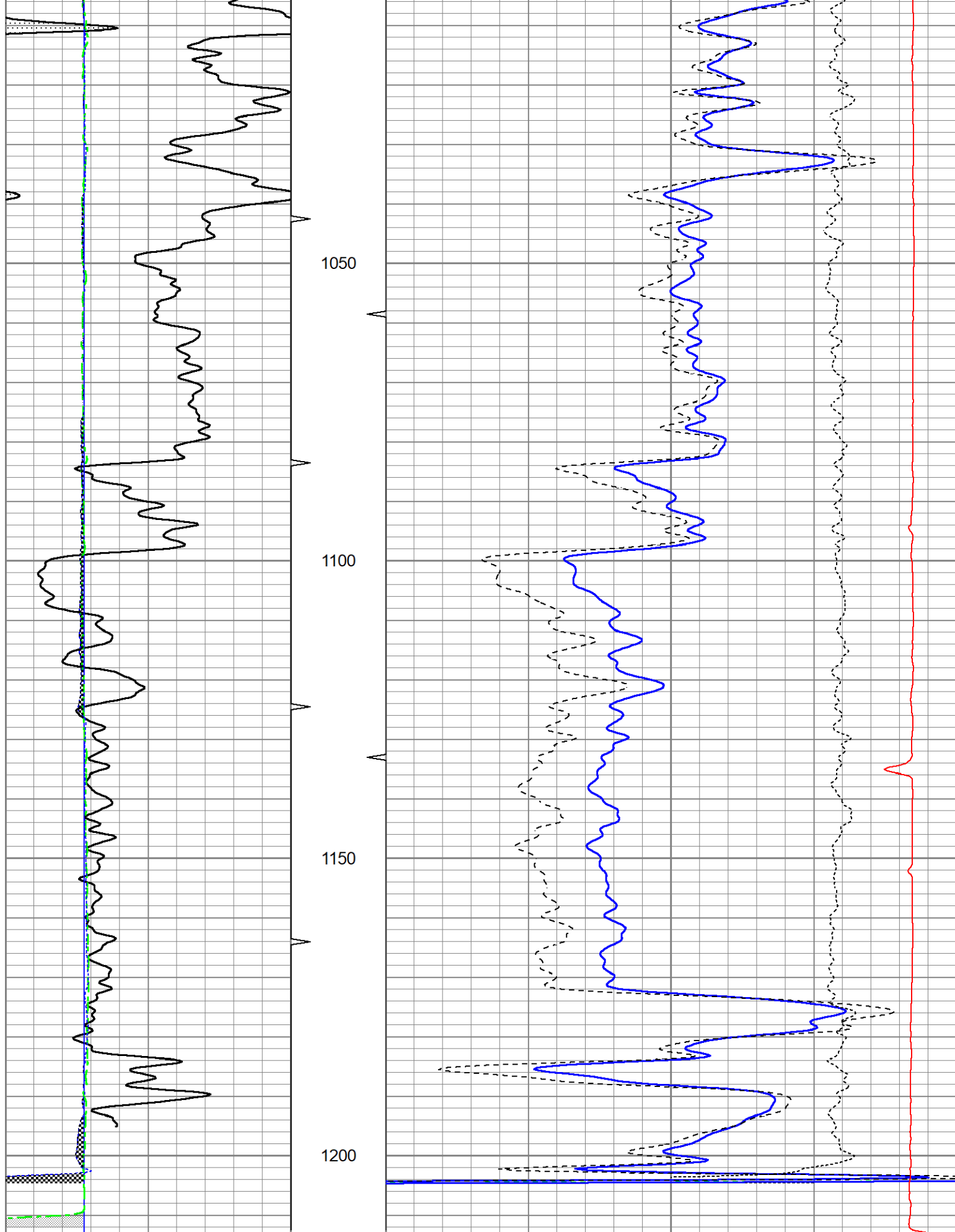












0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3	
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10	
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)	0.5

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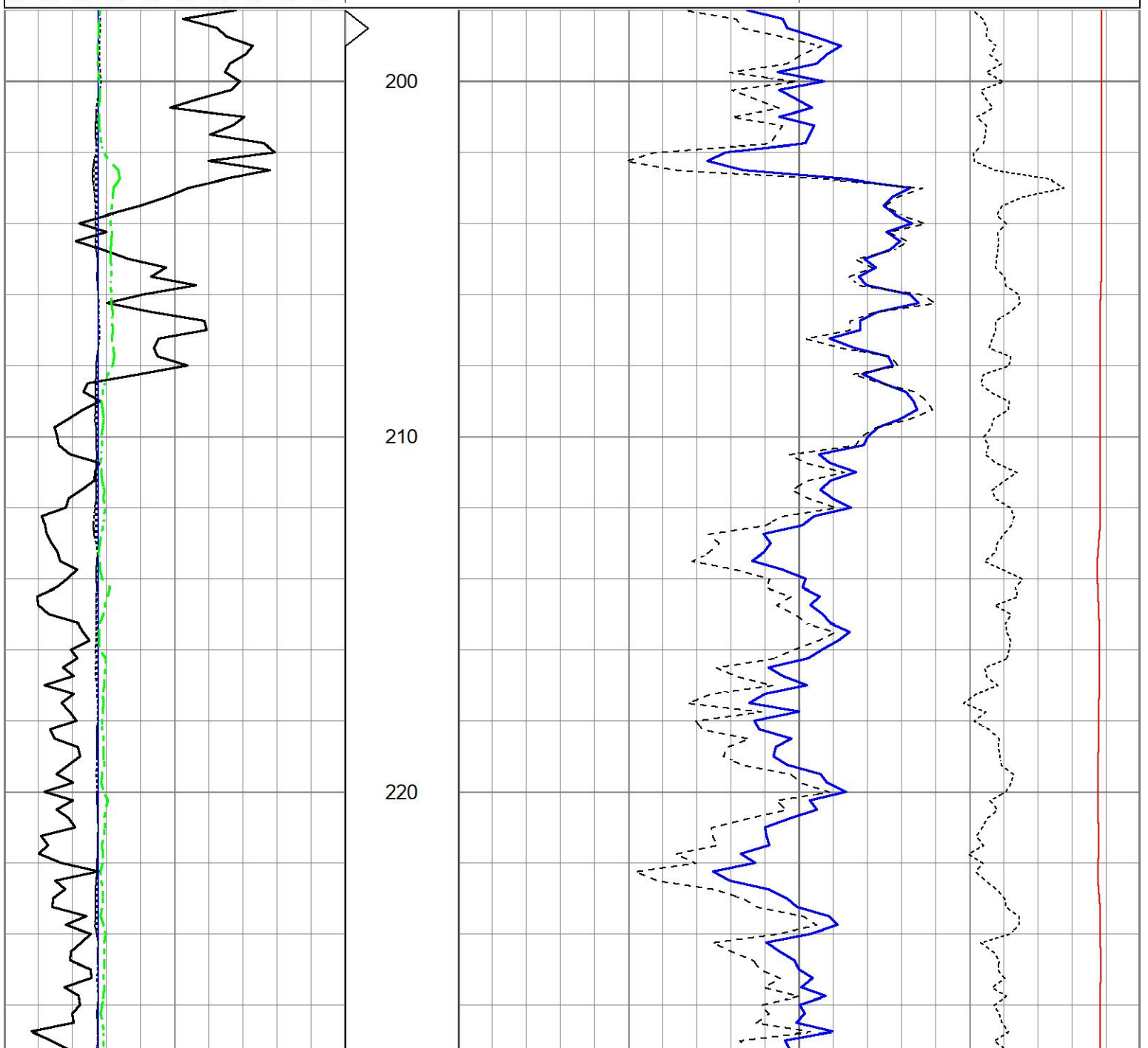
5000	Line Tension (lb)	0
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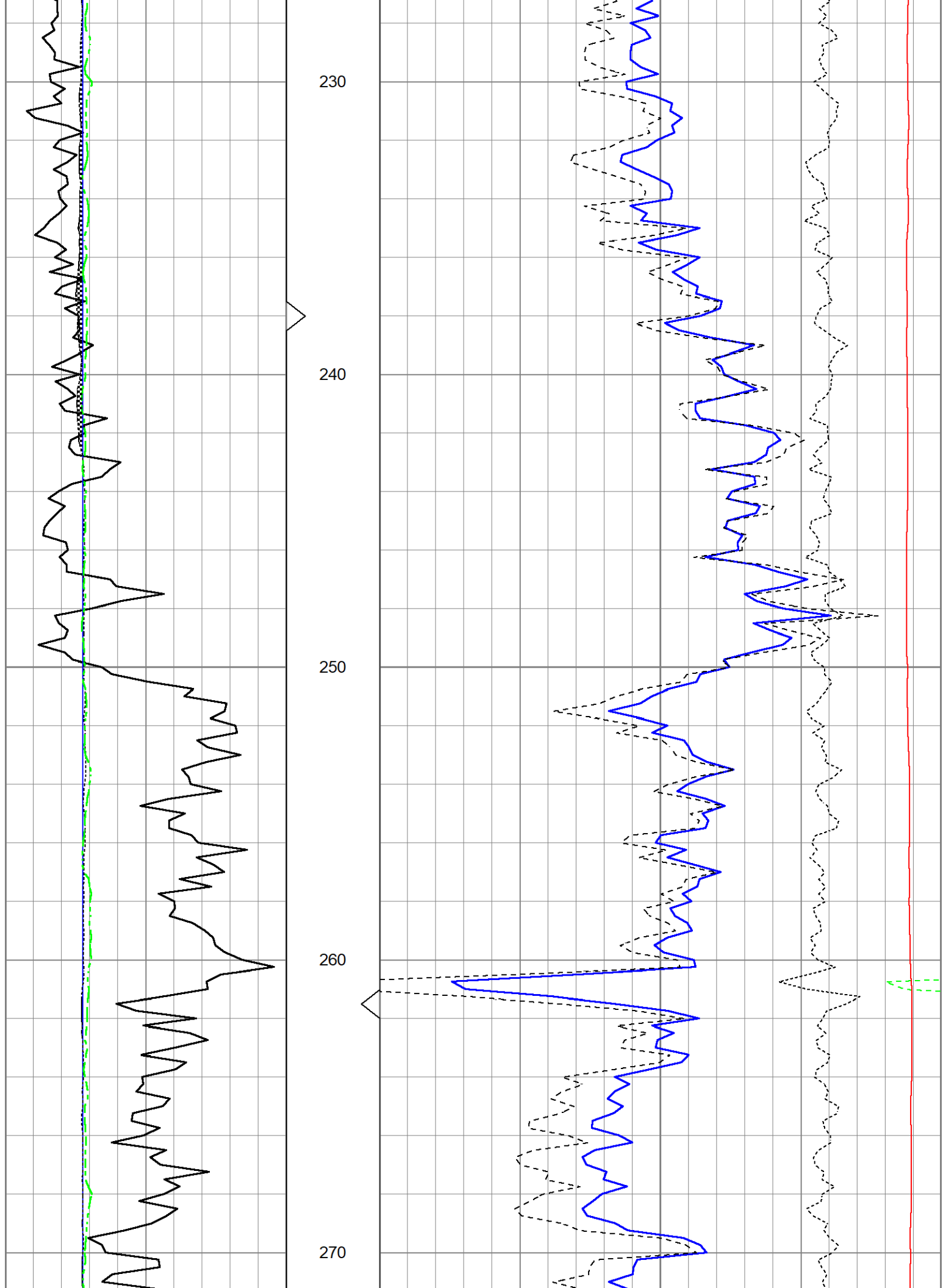


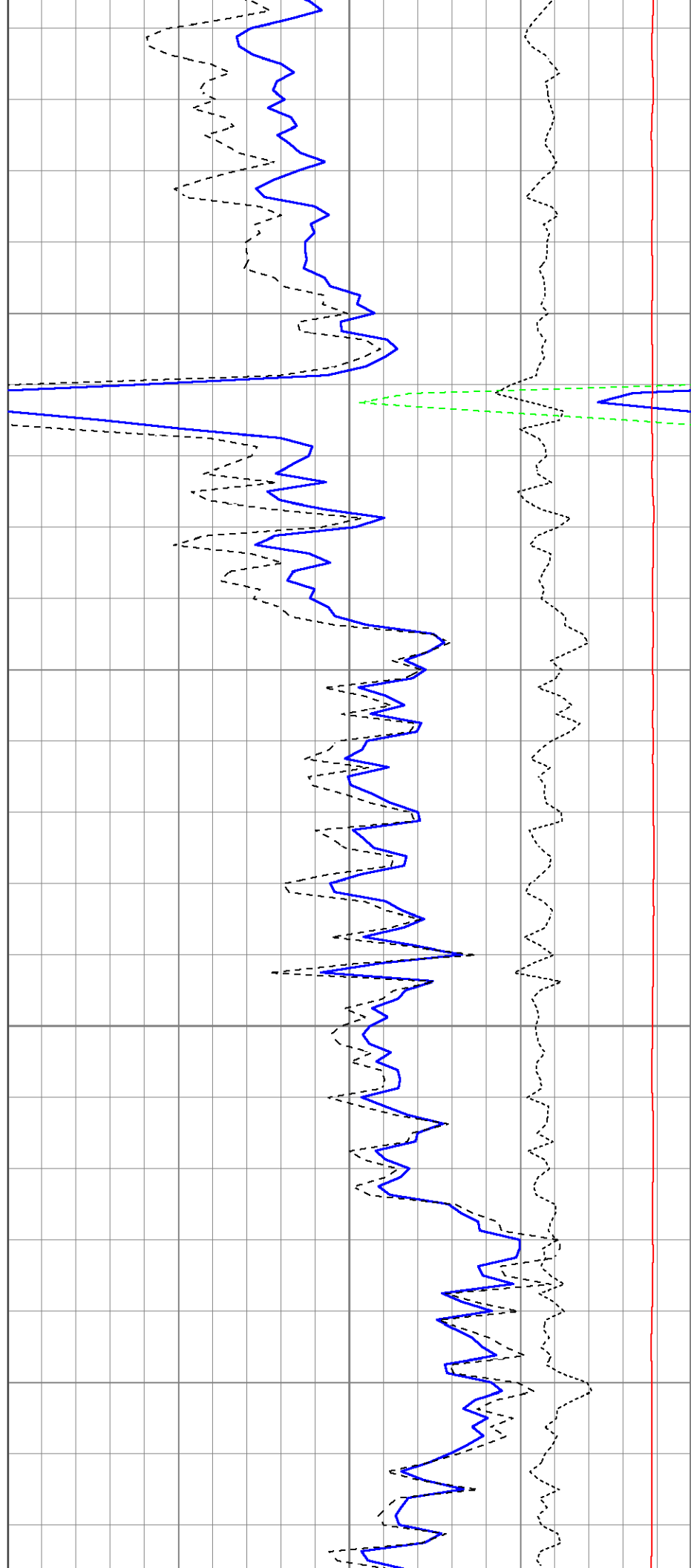
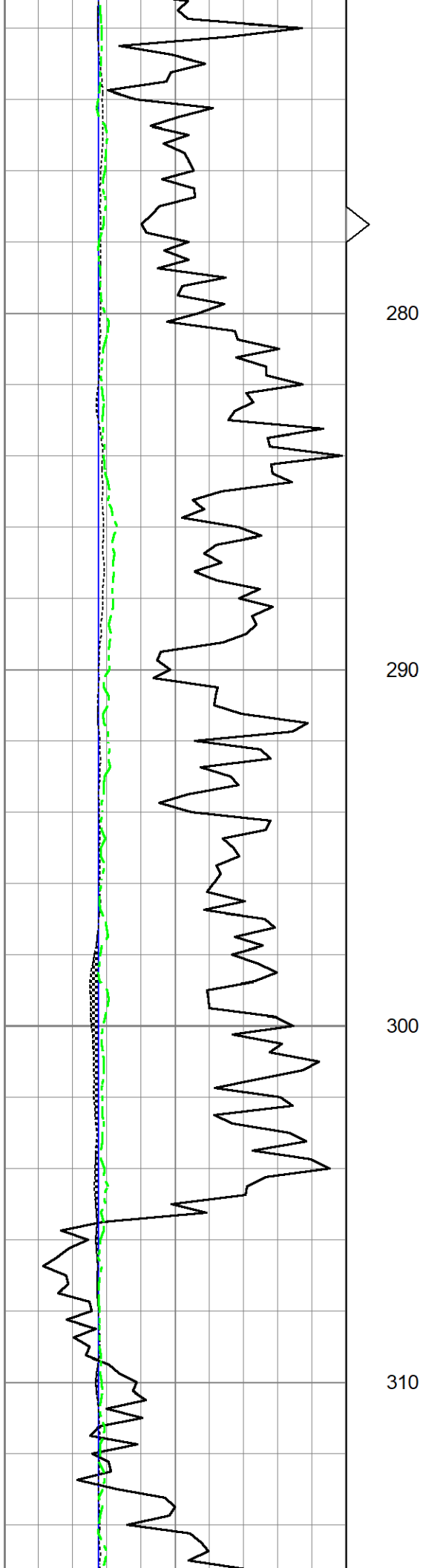
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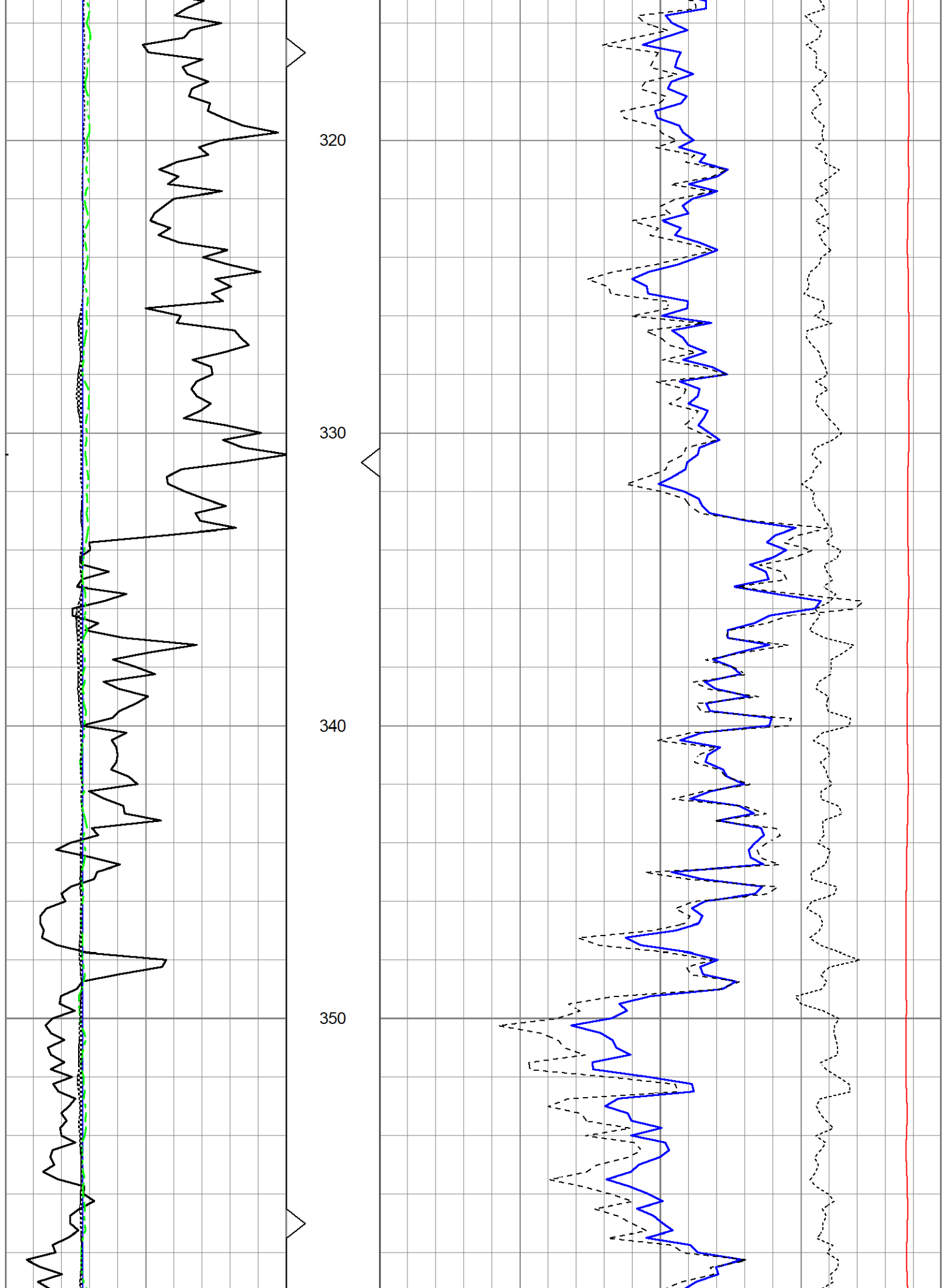
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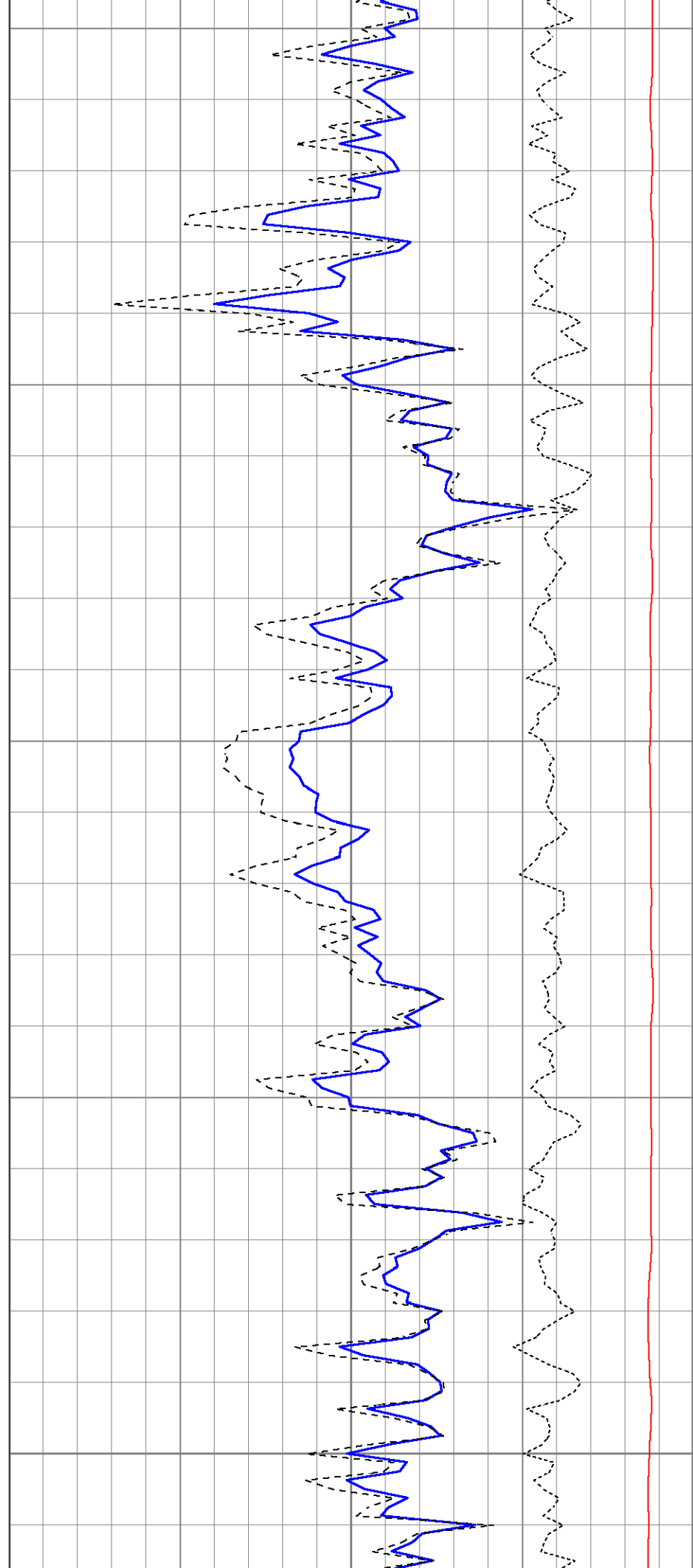
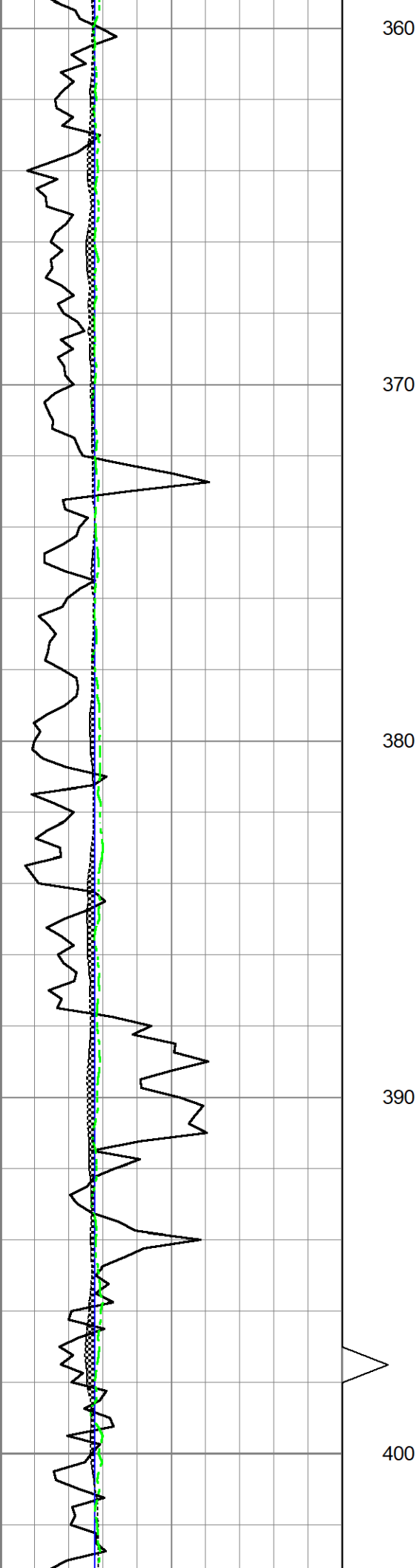
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4	Neutron Caliper (in)	14			5000	Line Tension (lb) 0

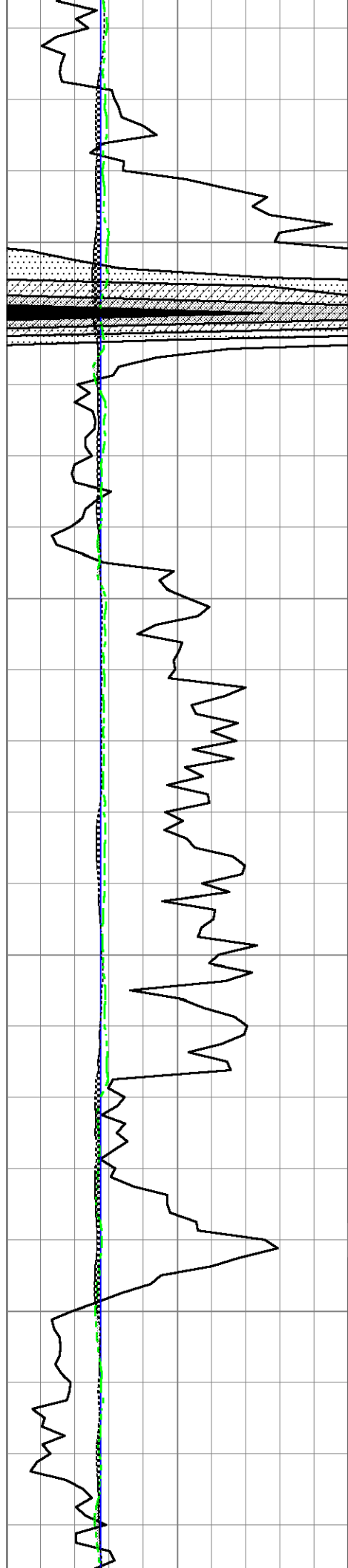










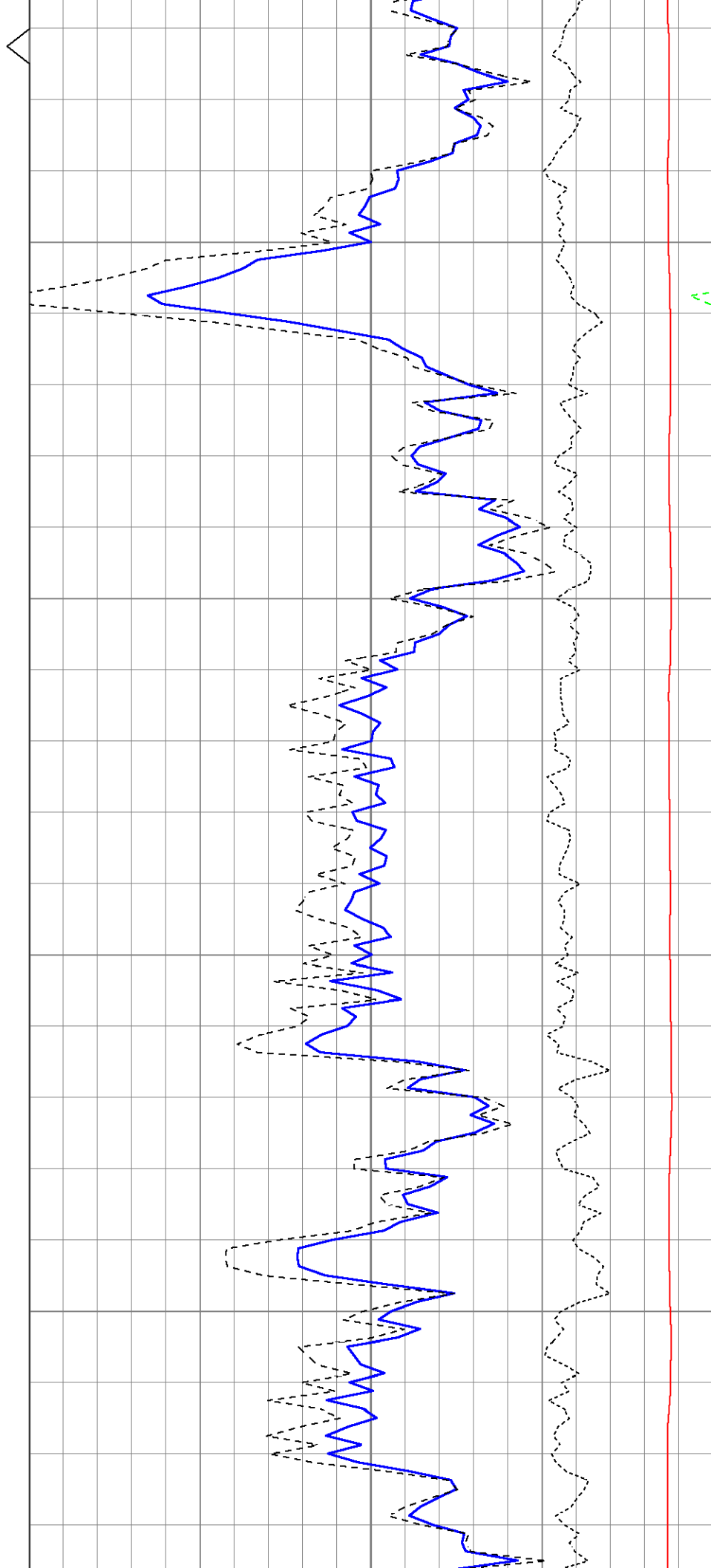


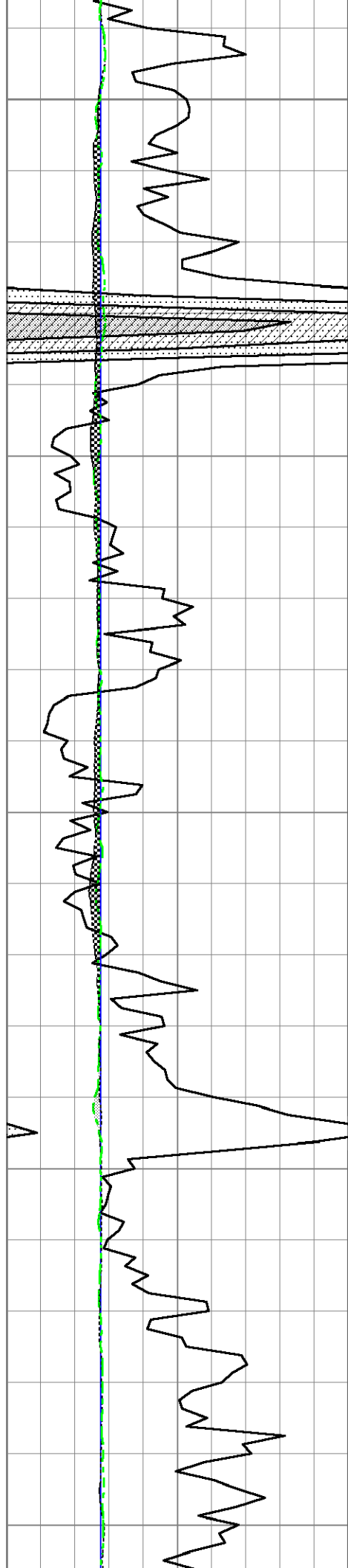
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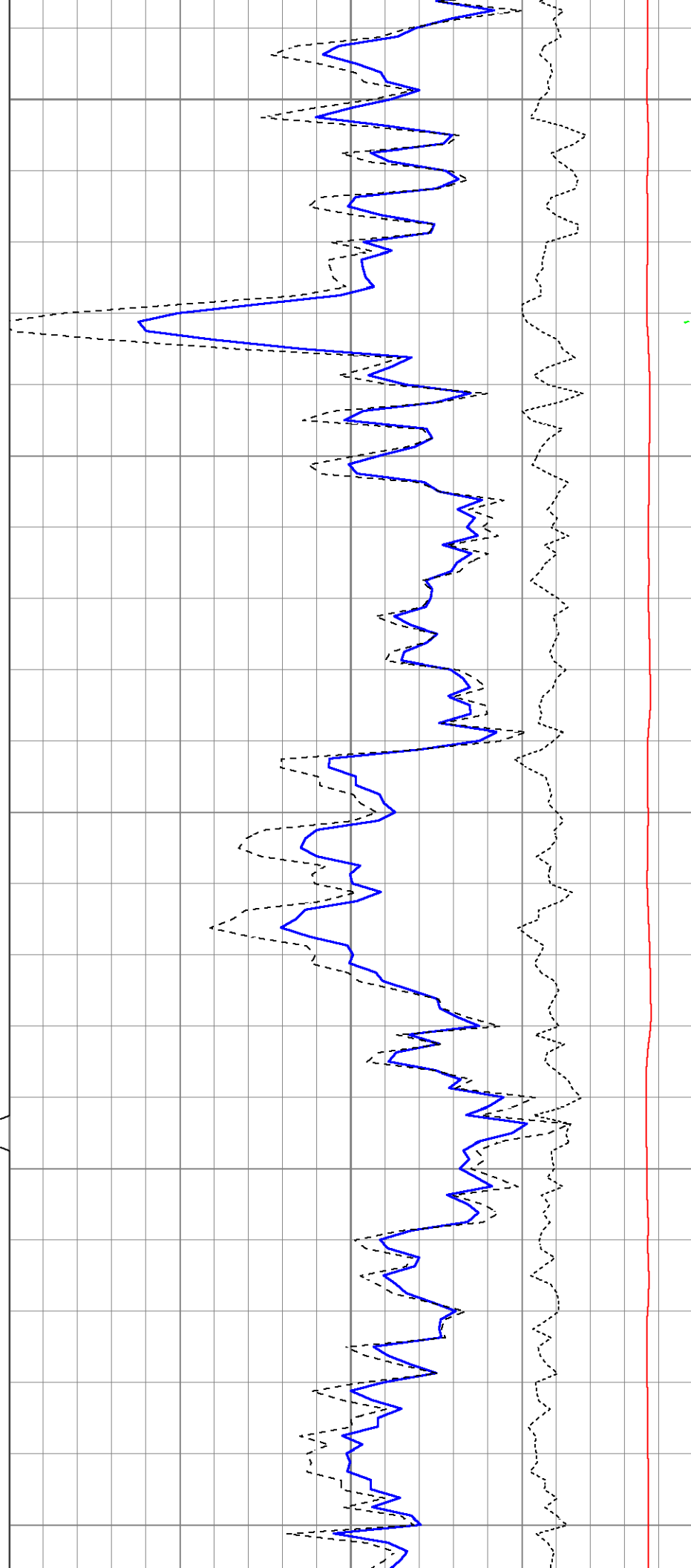
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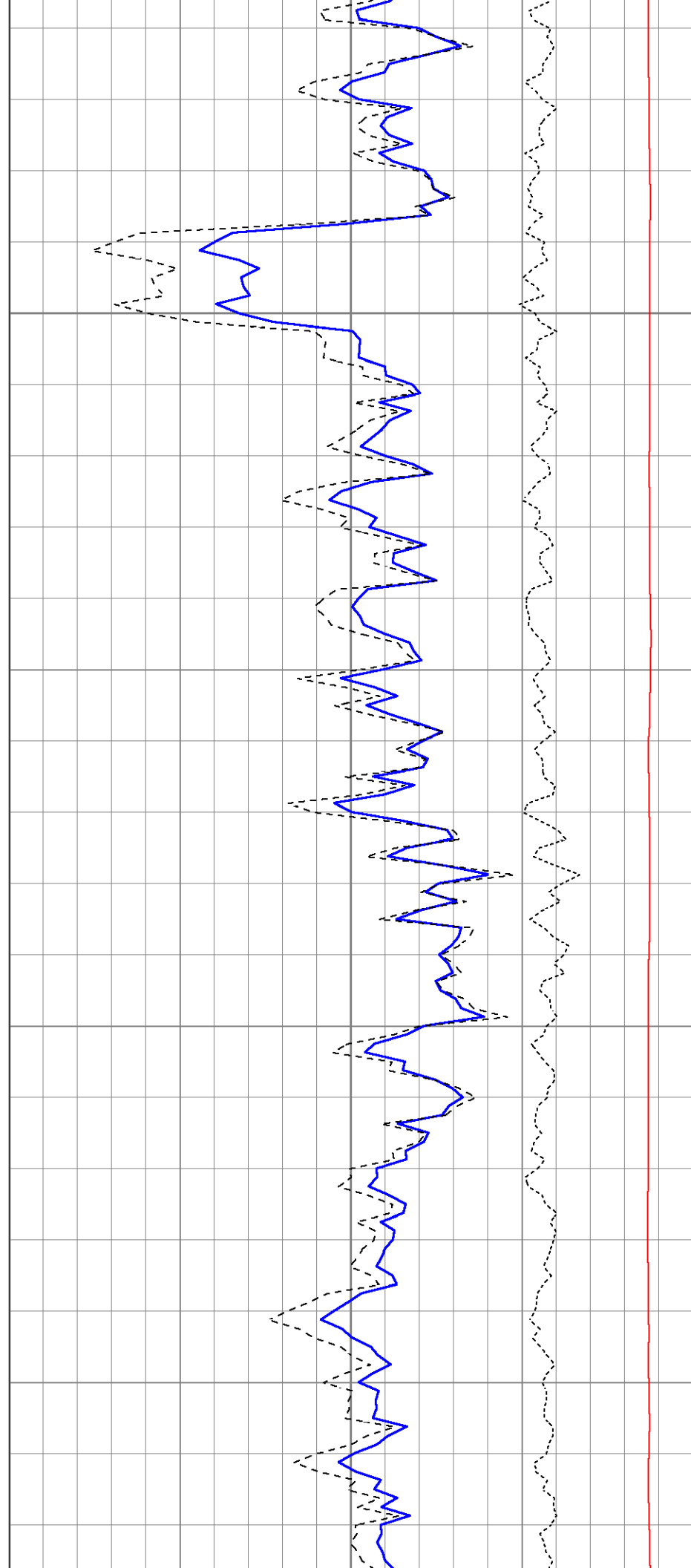
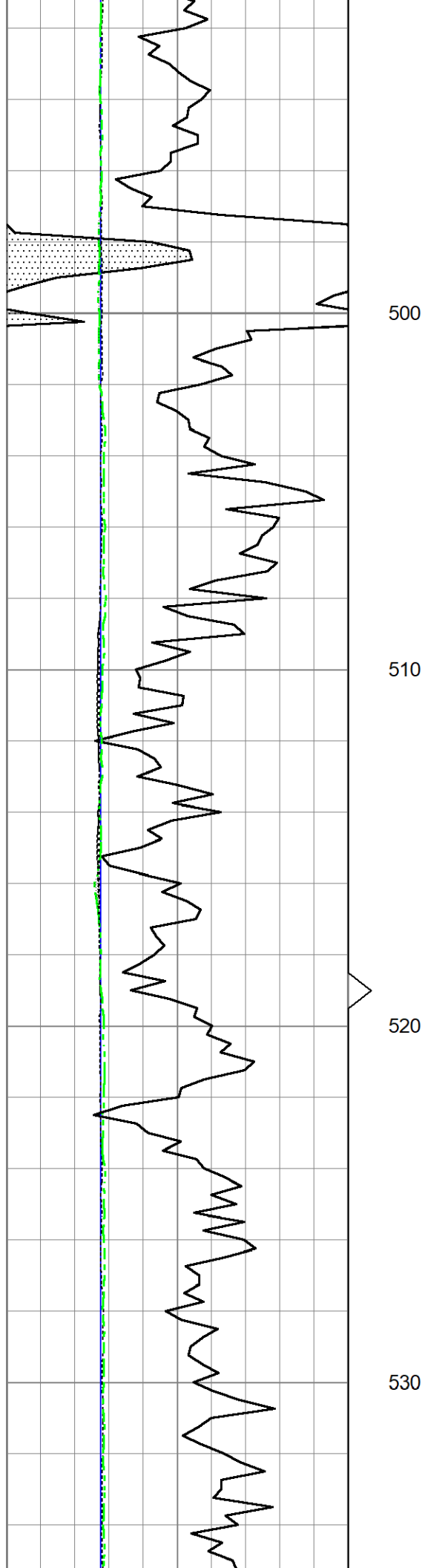
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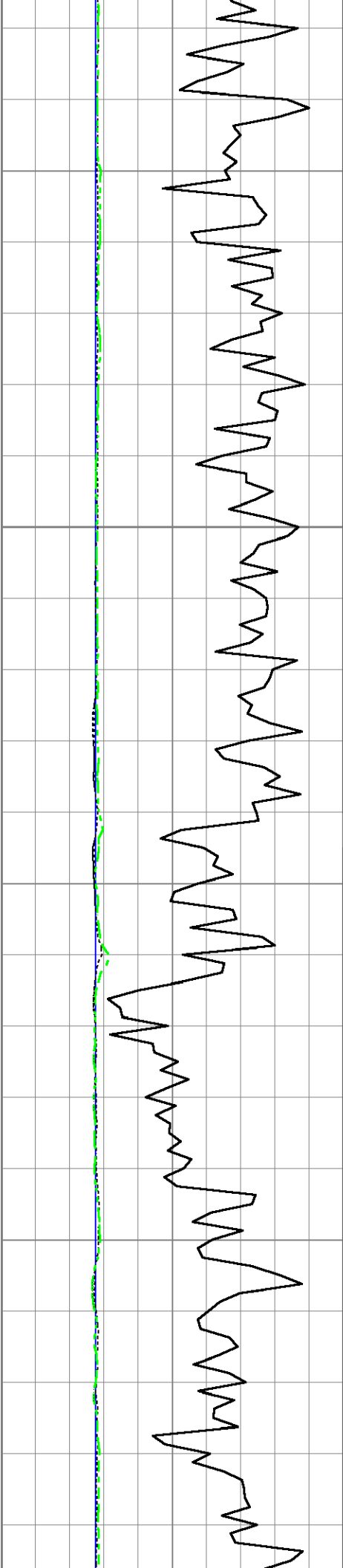
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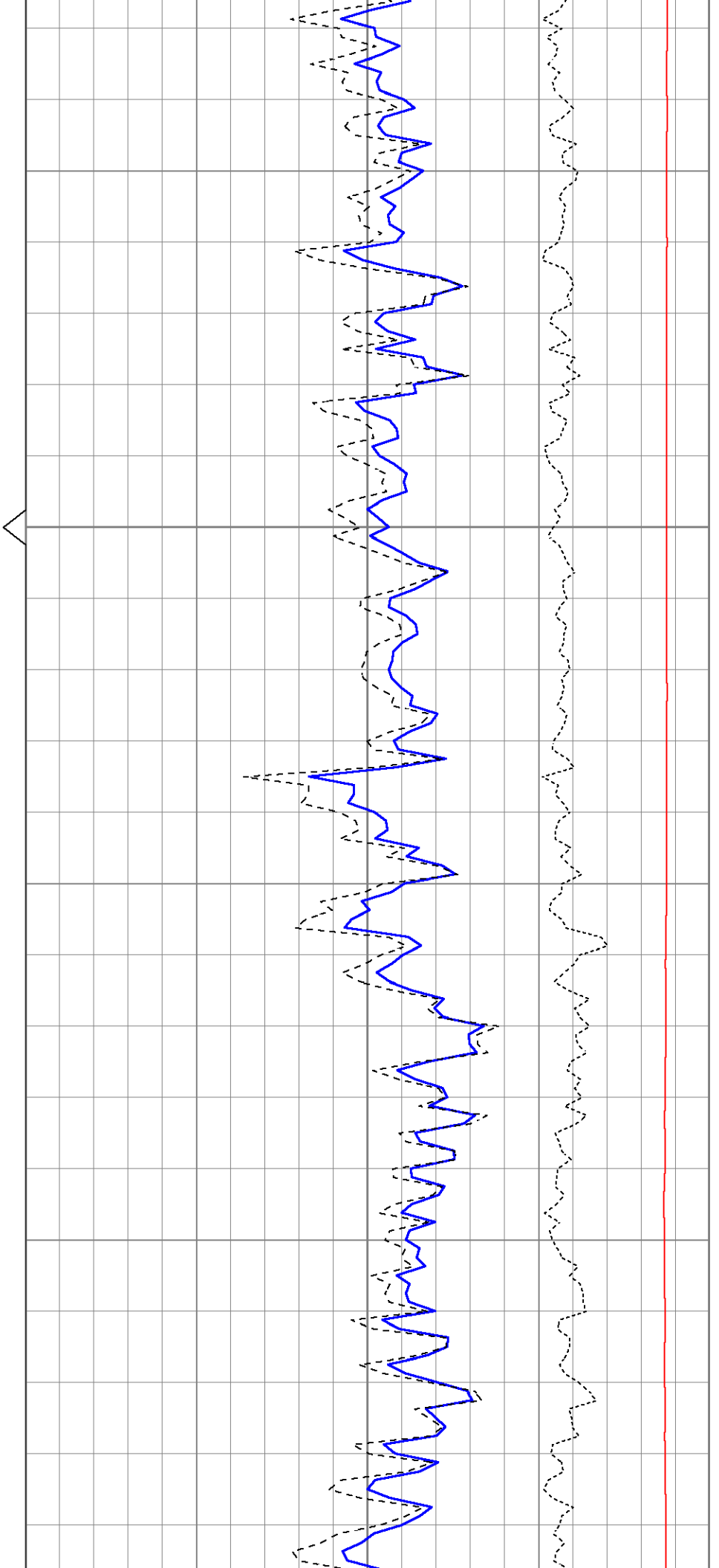


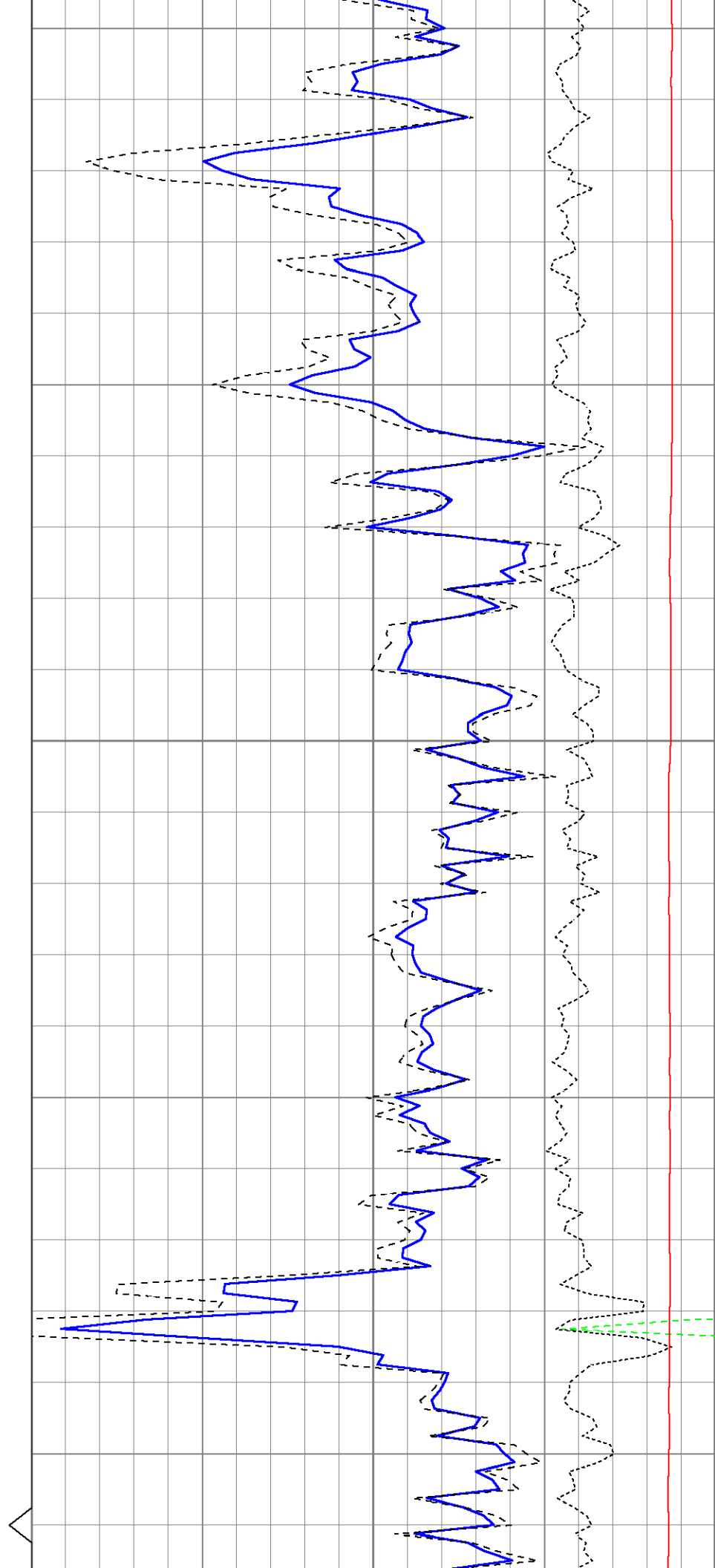
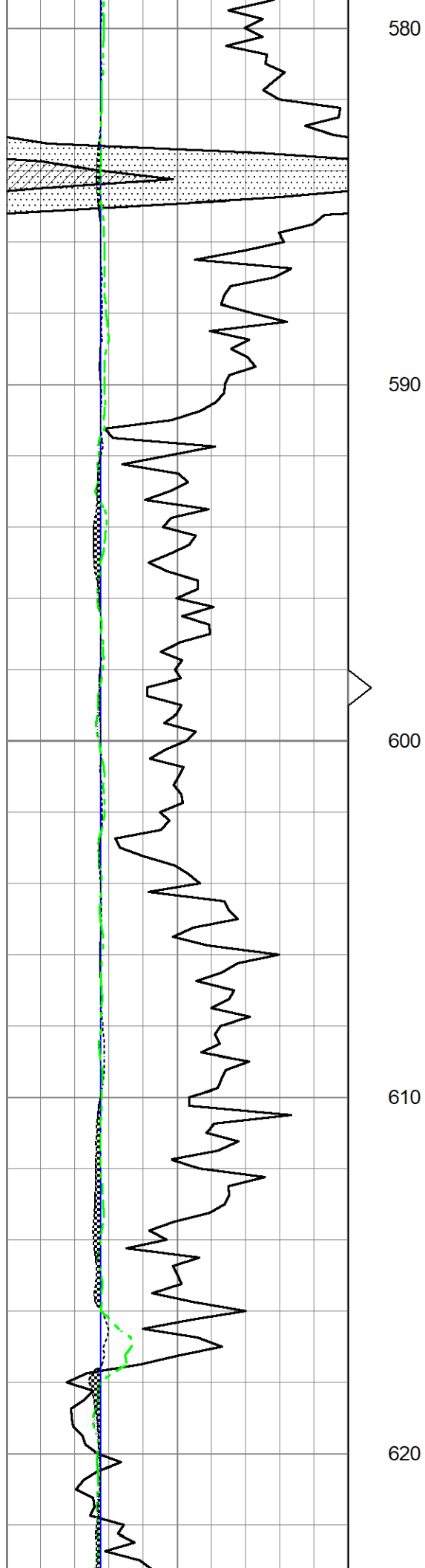
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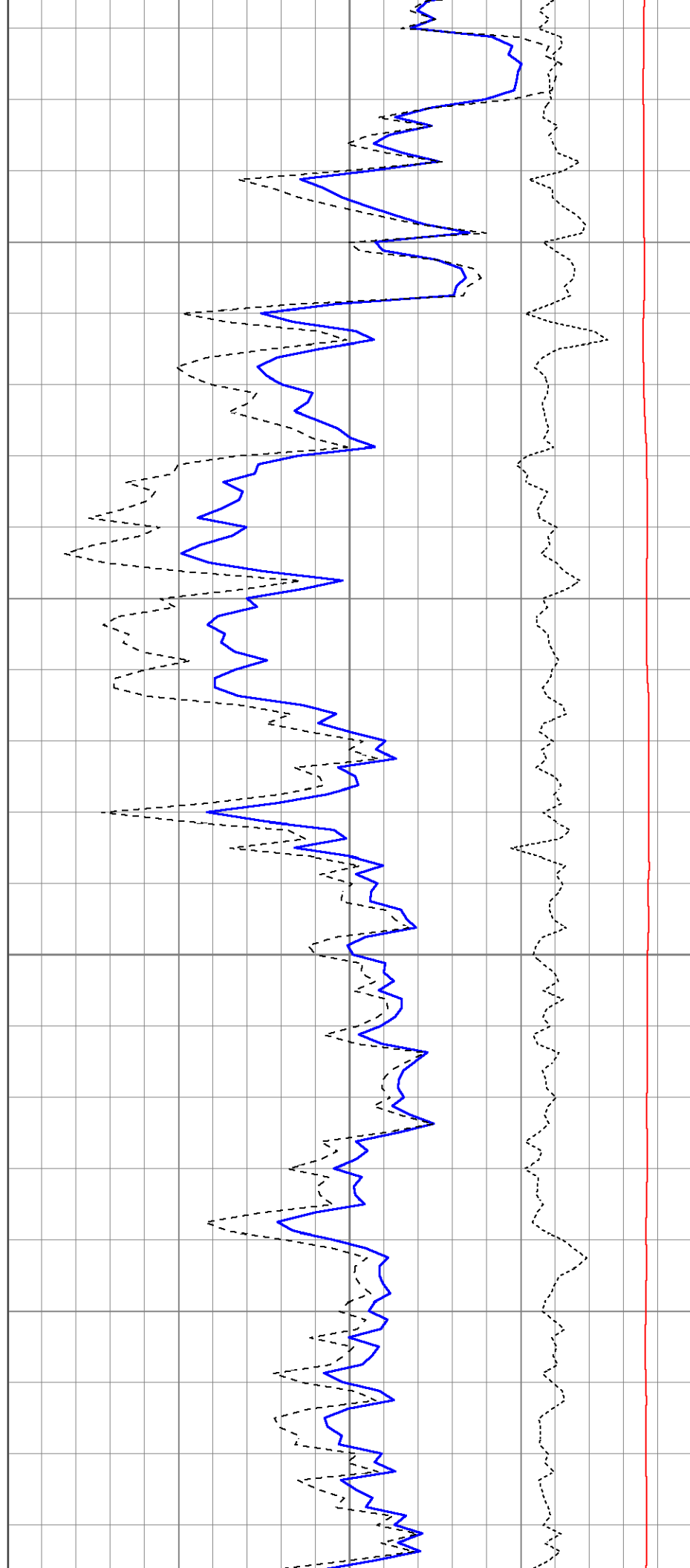
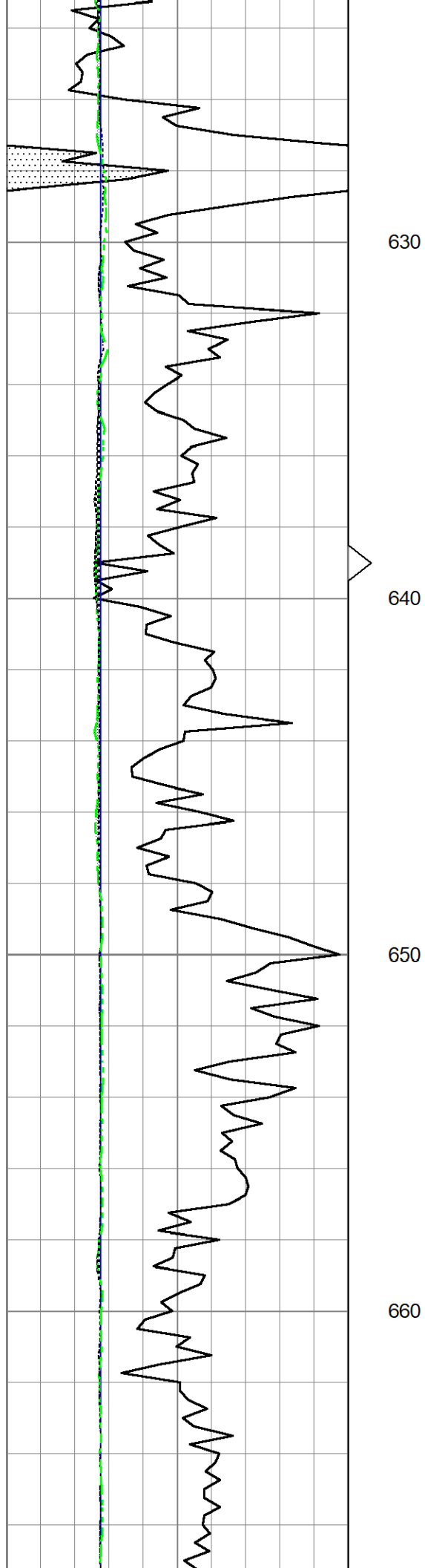
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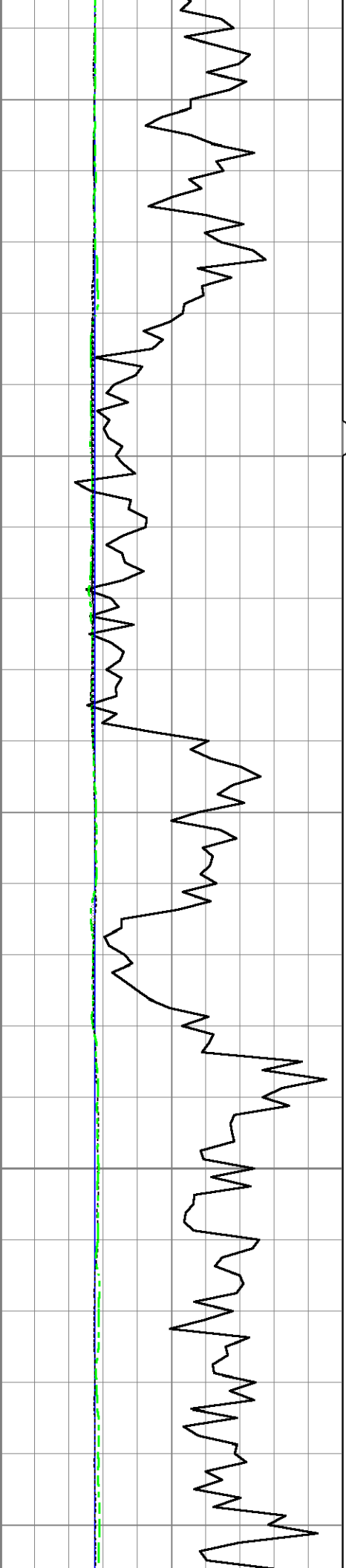
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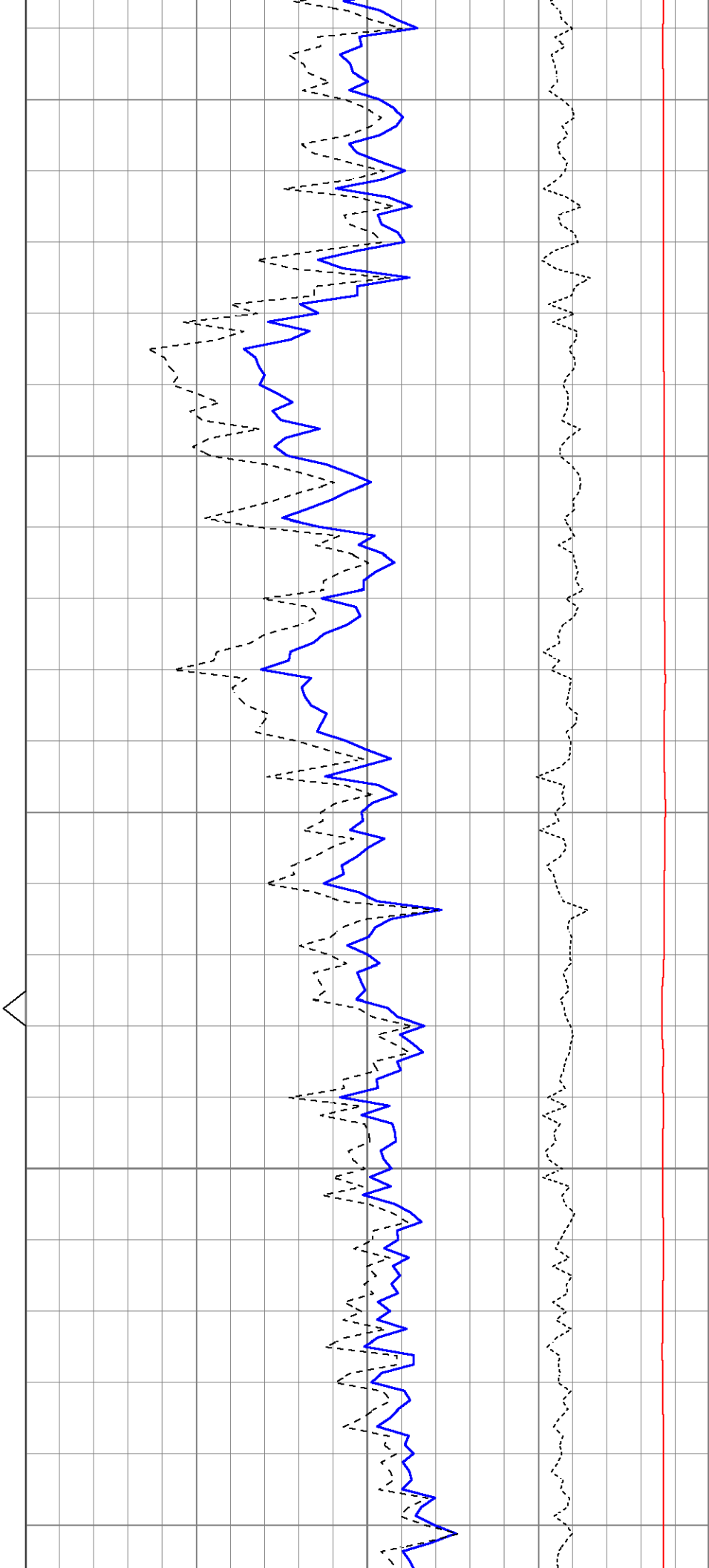
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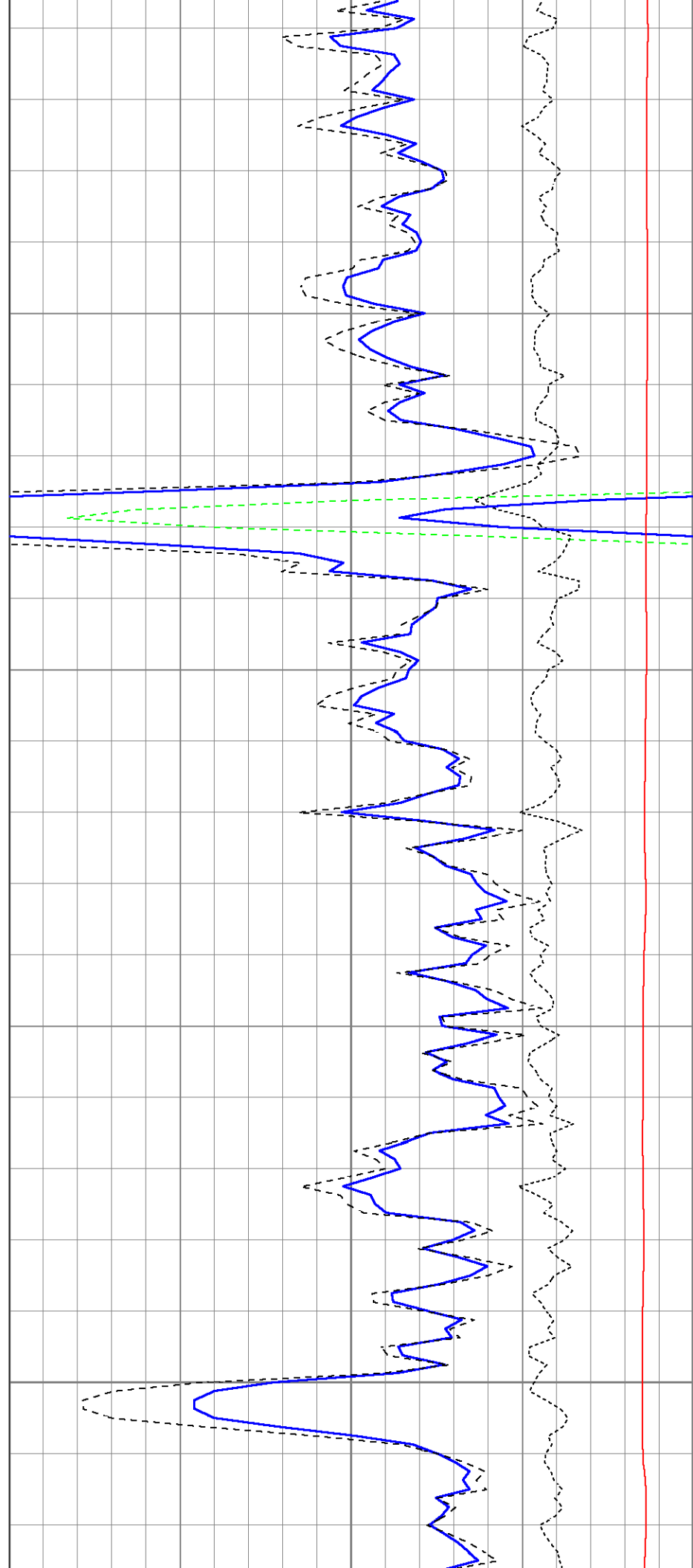
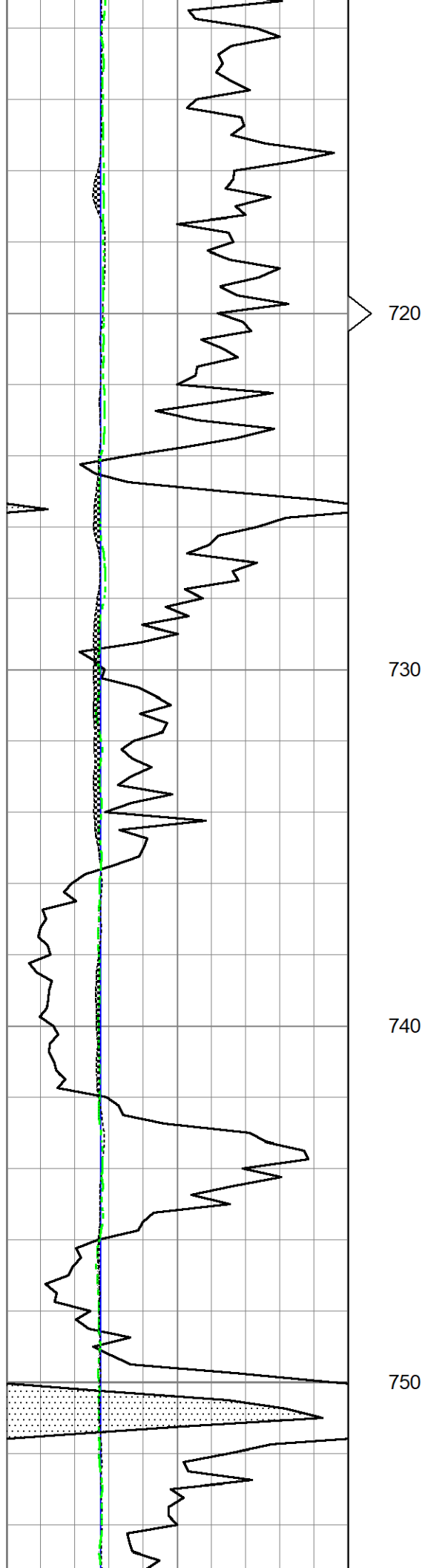
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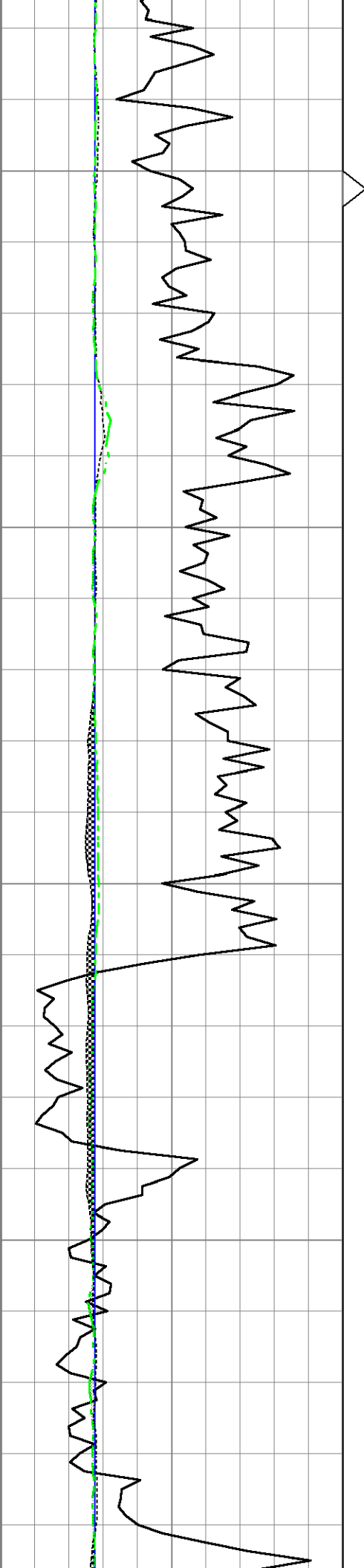
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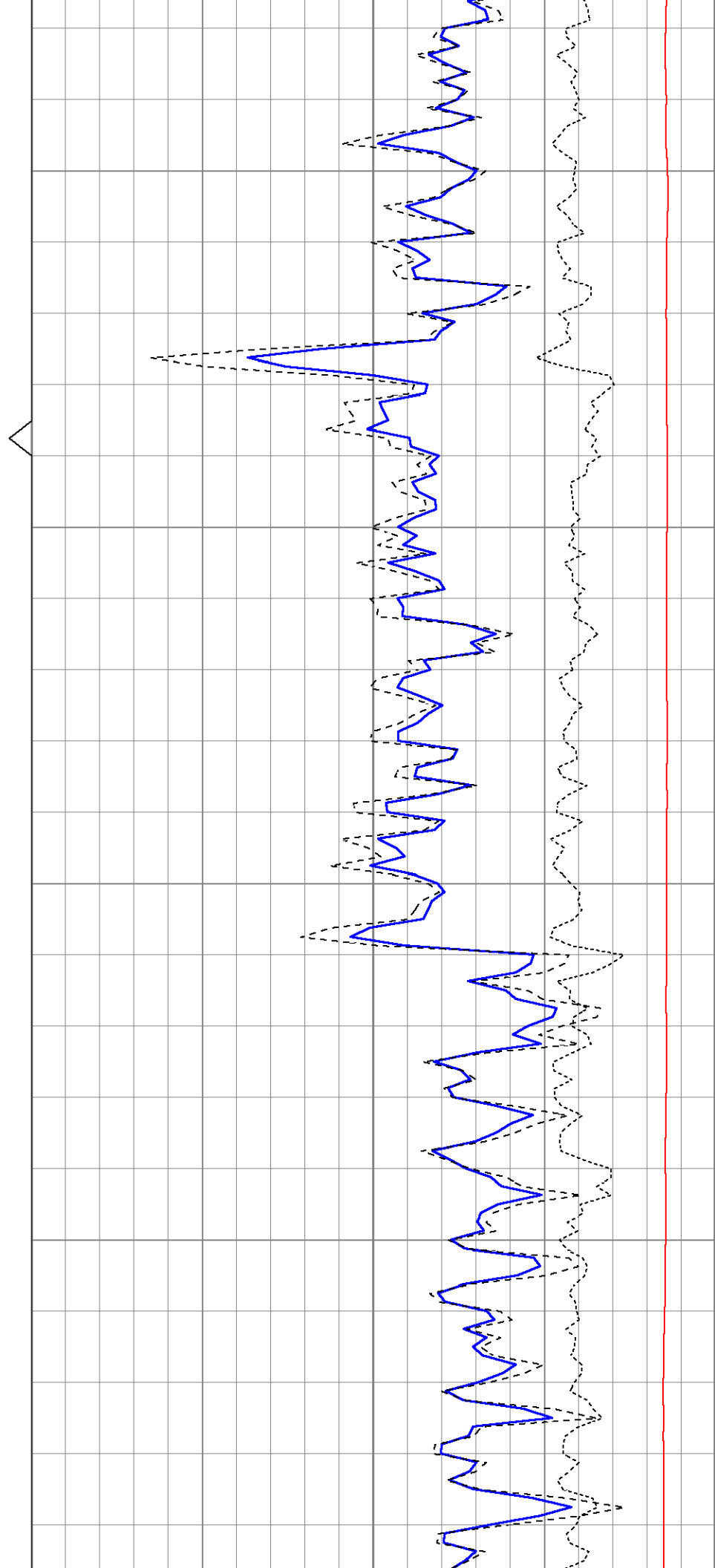


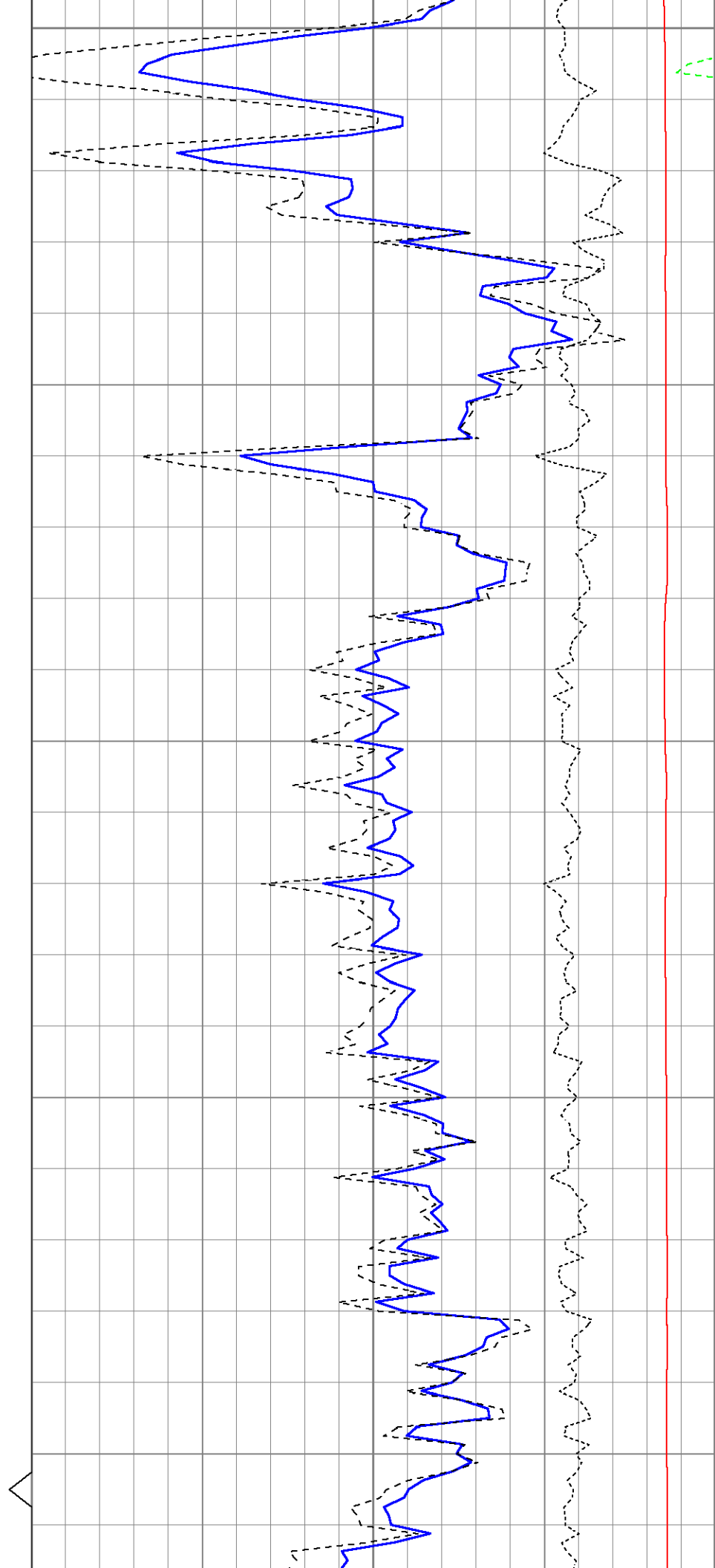
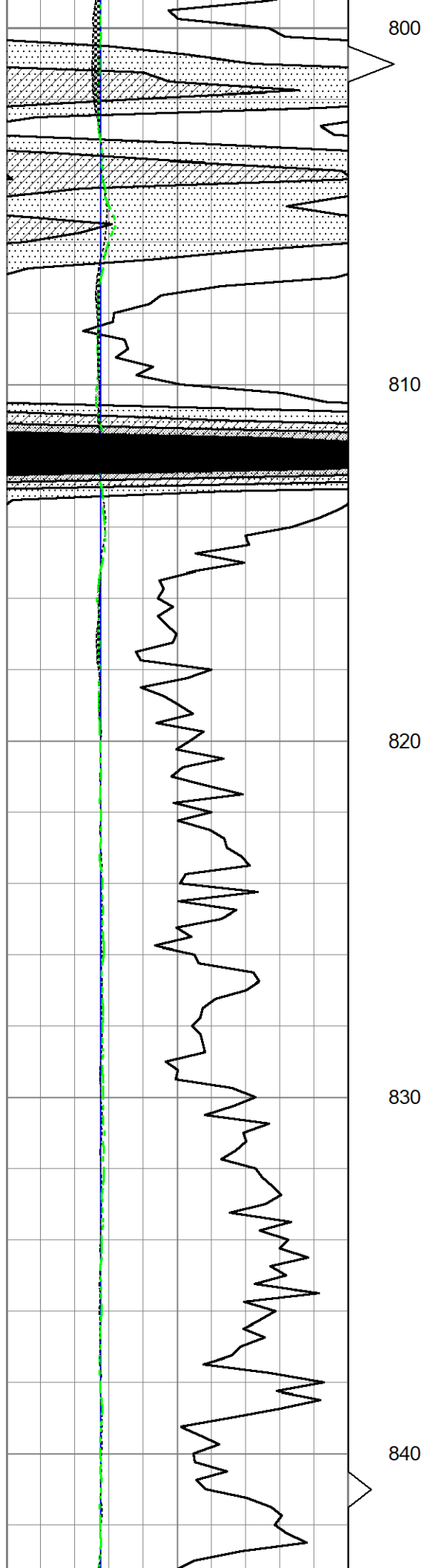
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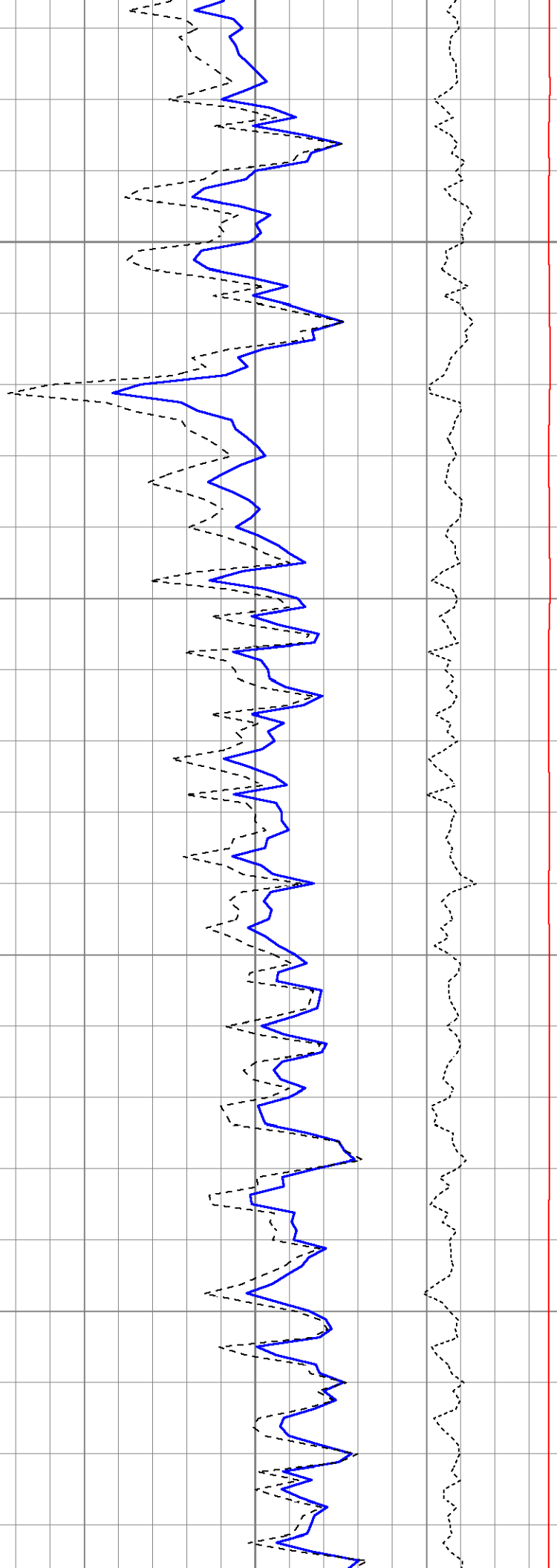
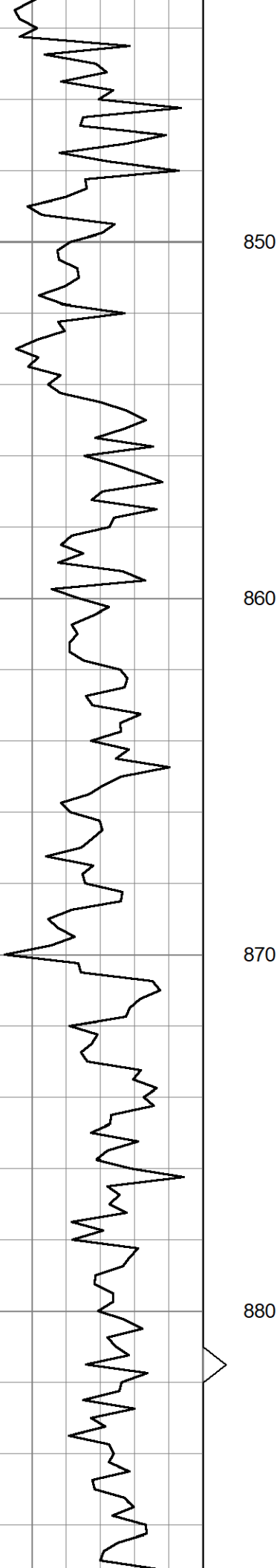
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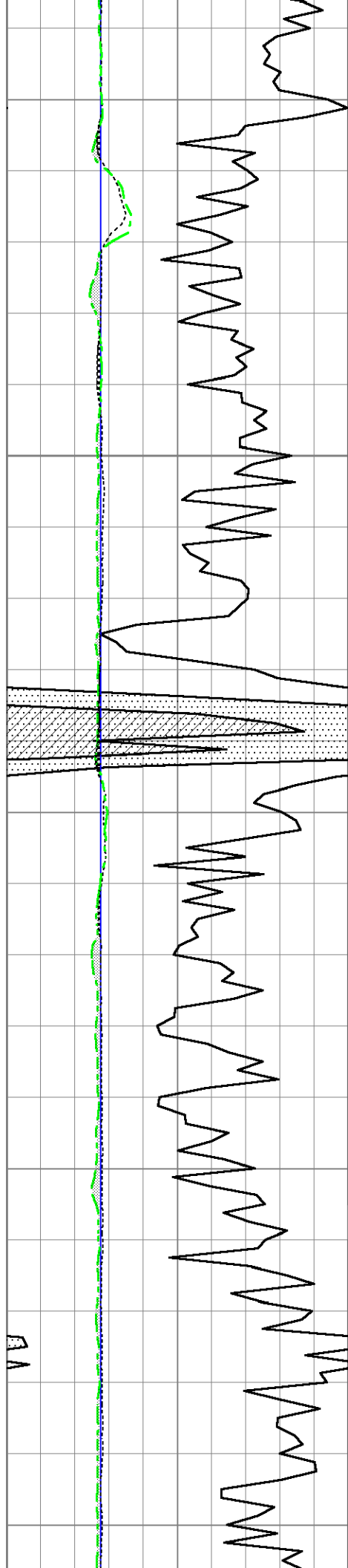
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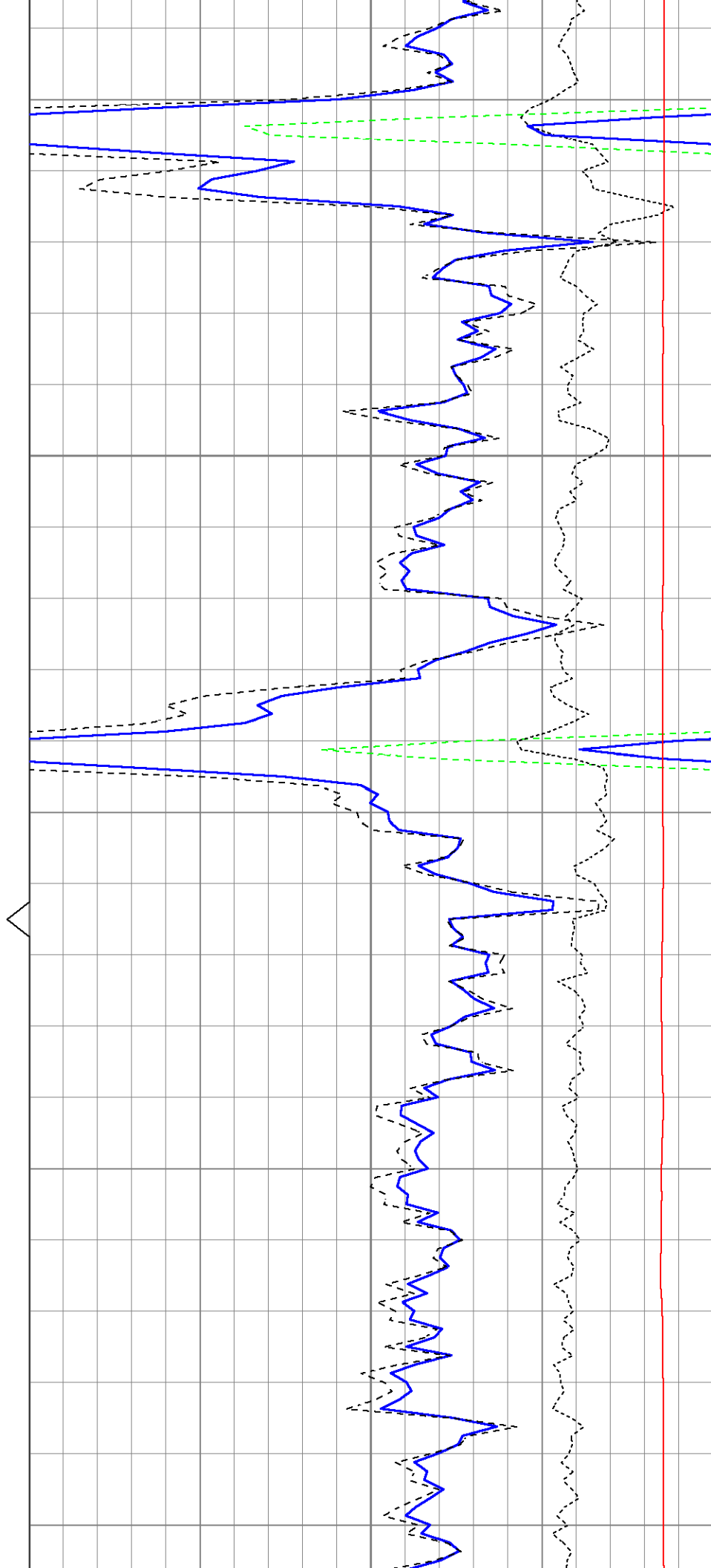
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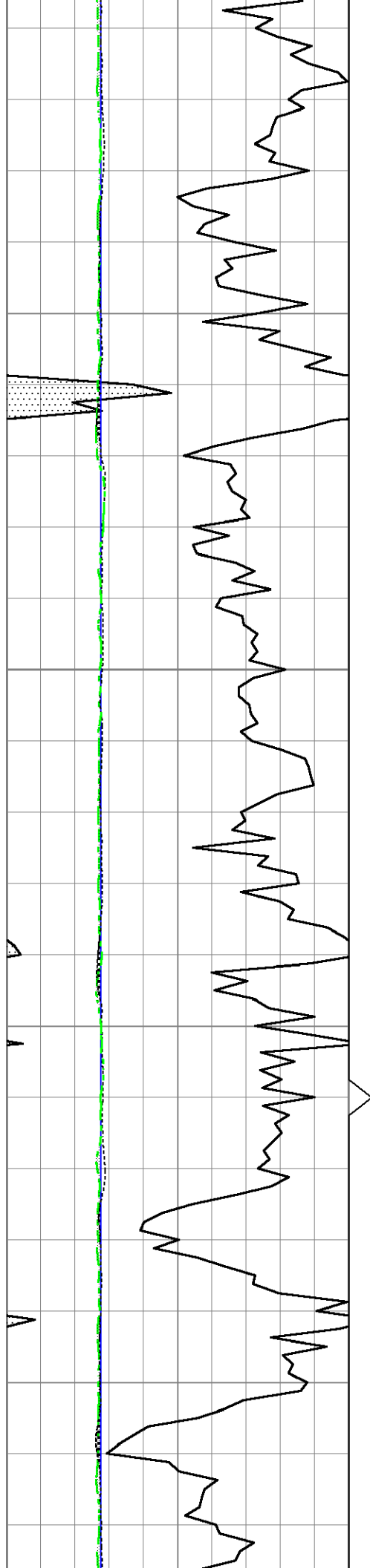
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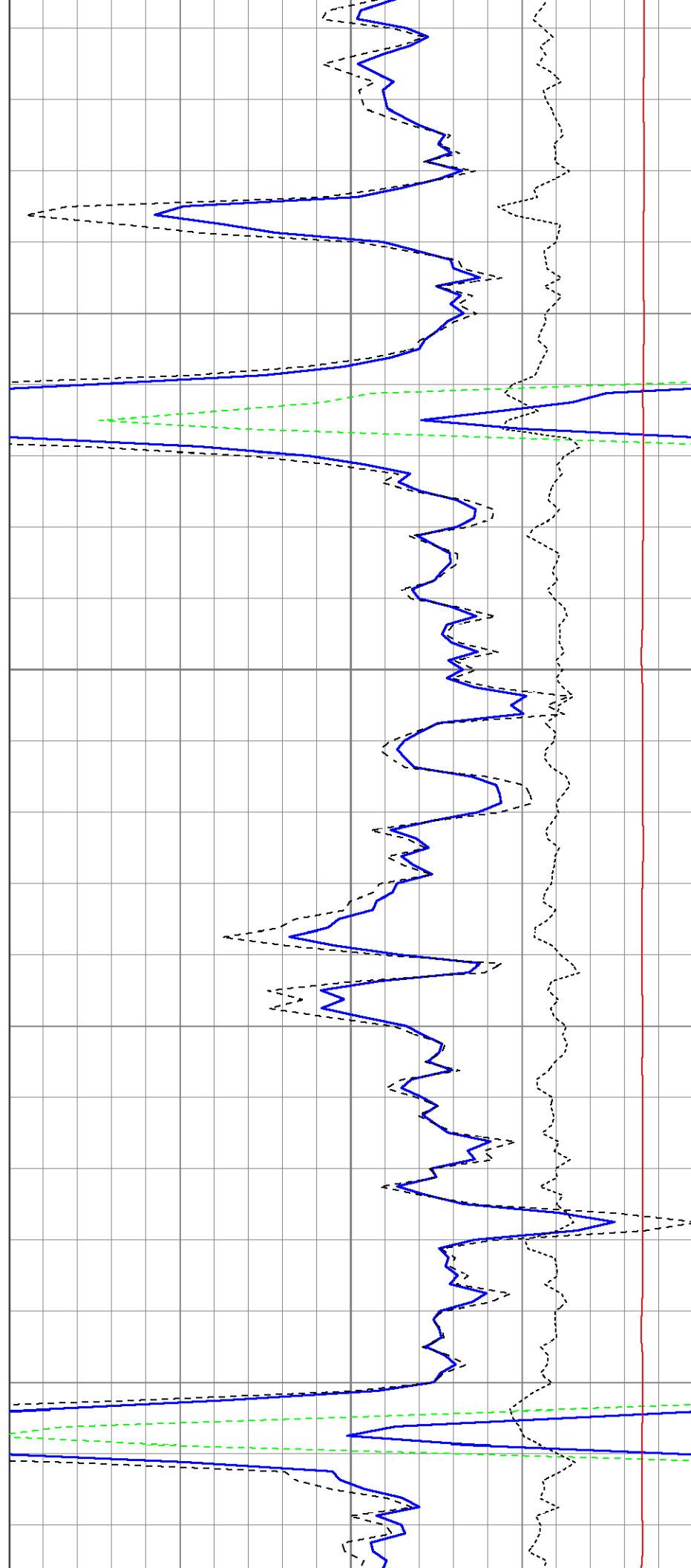


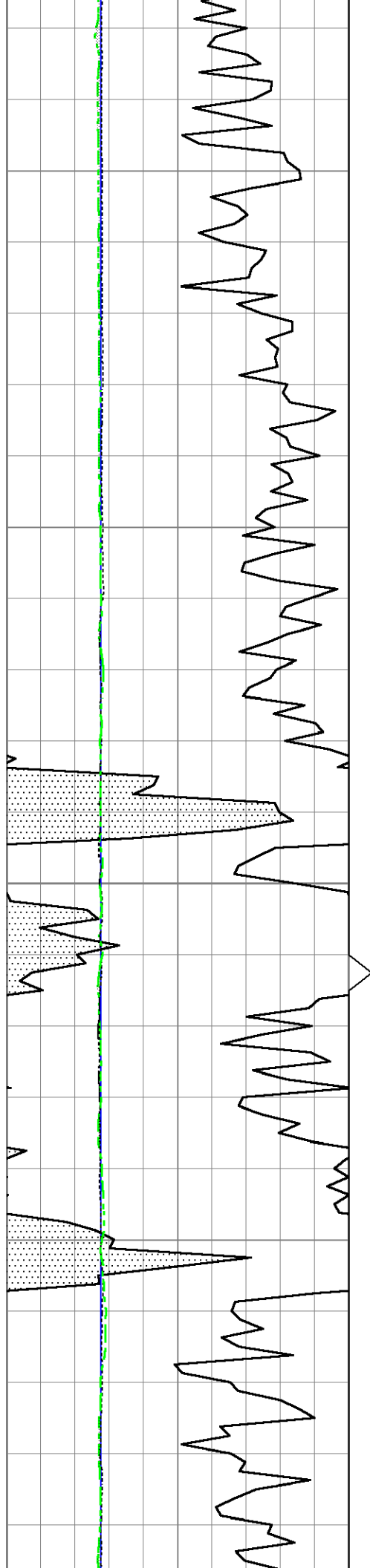
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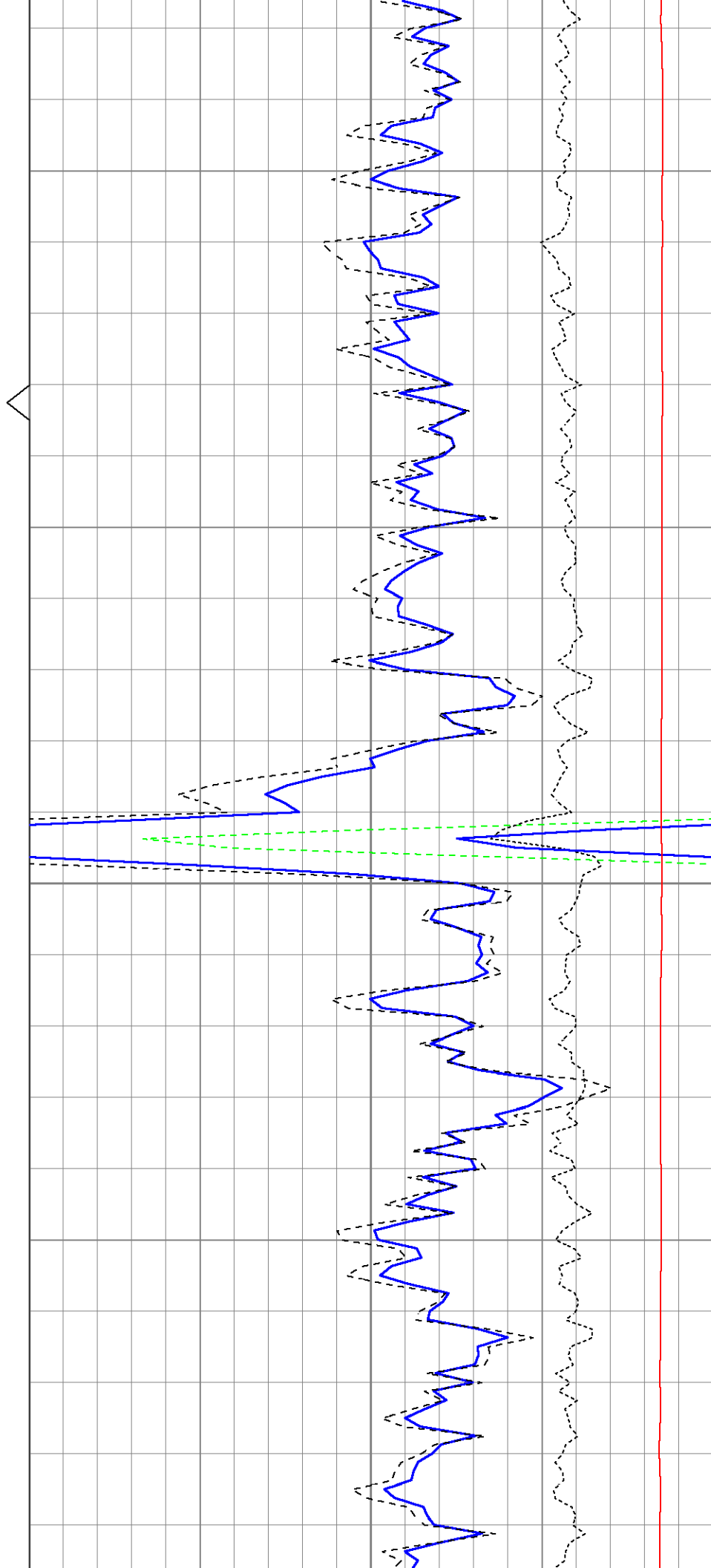


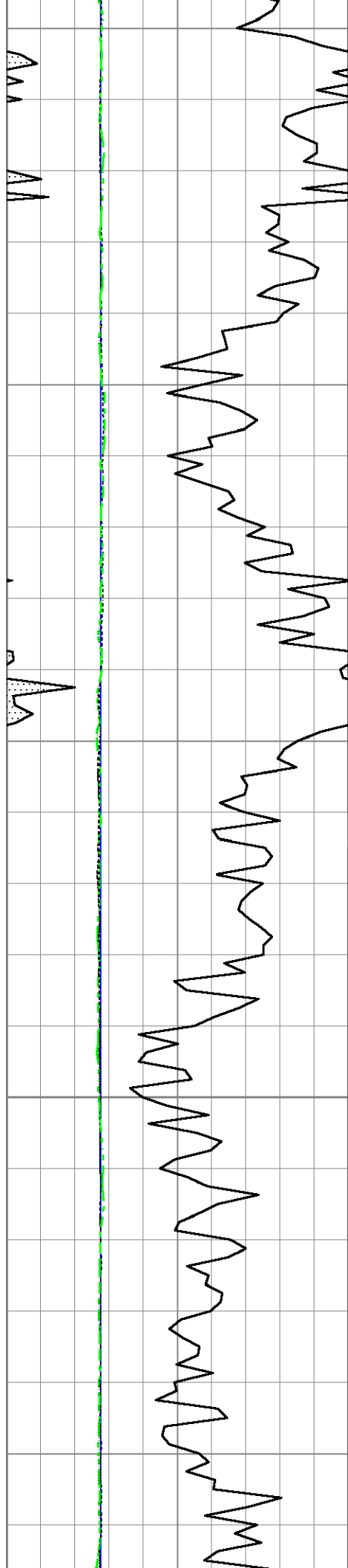
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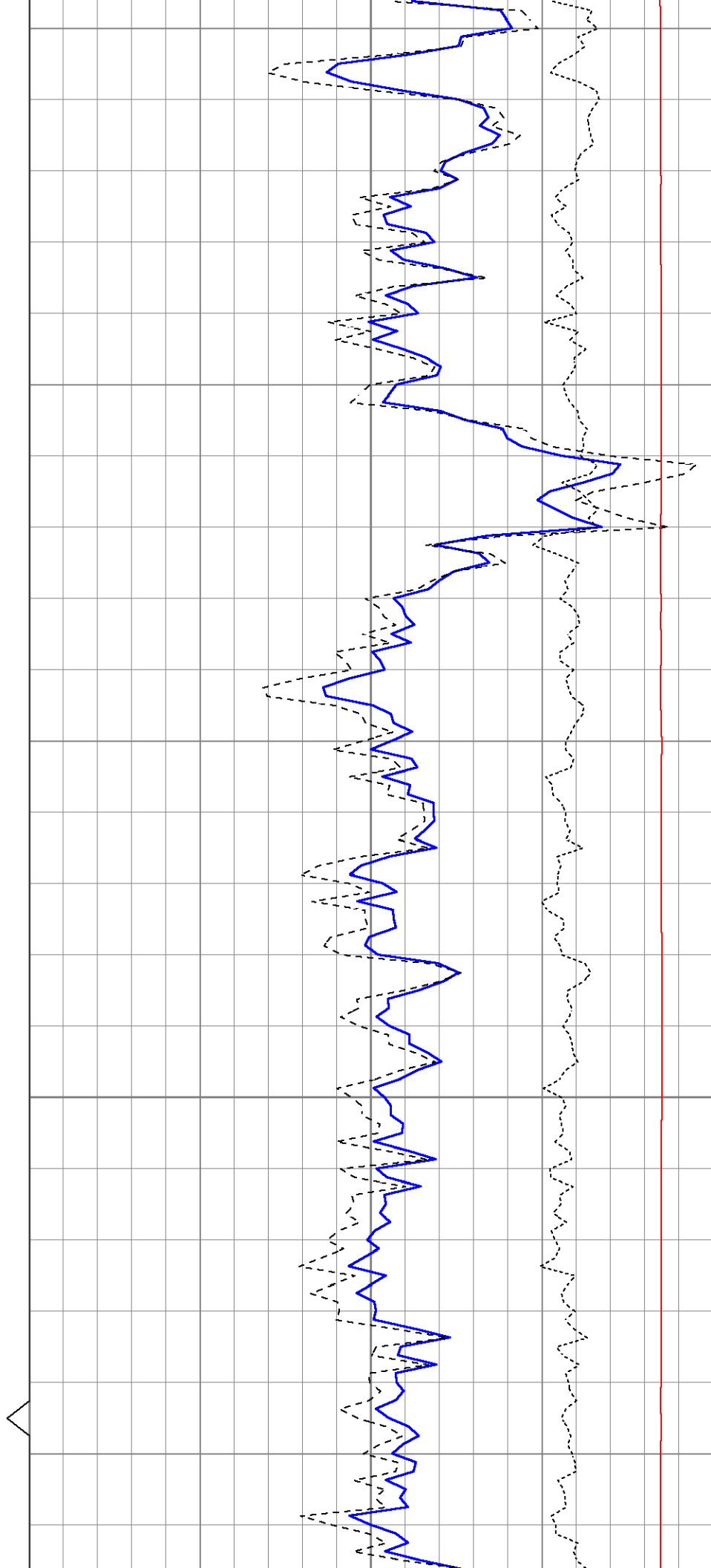
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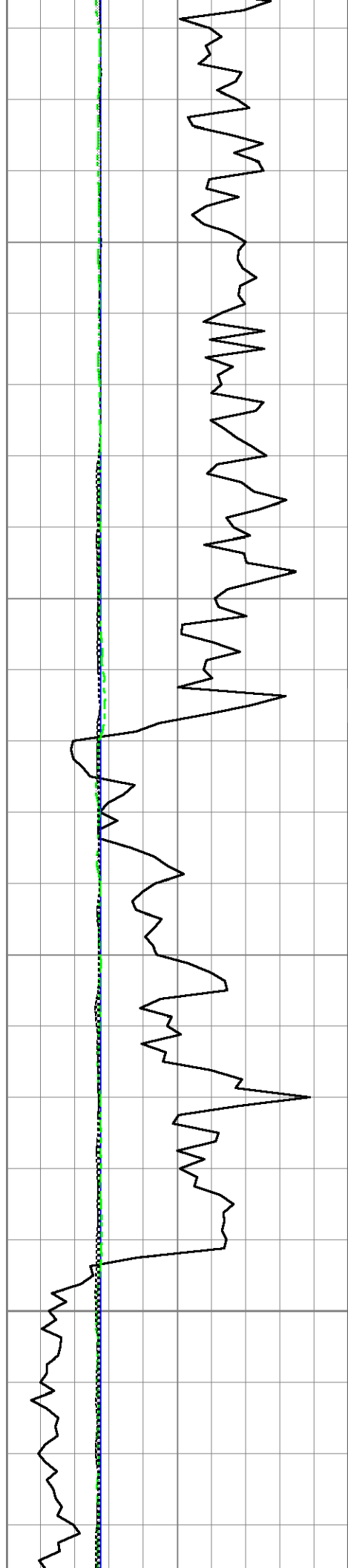
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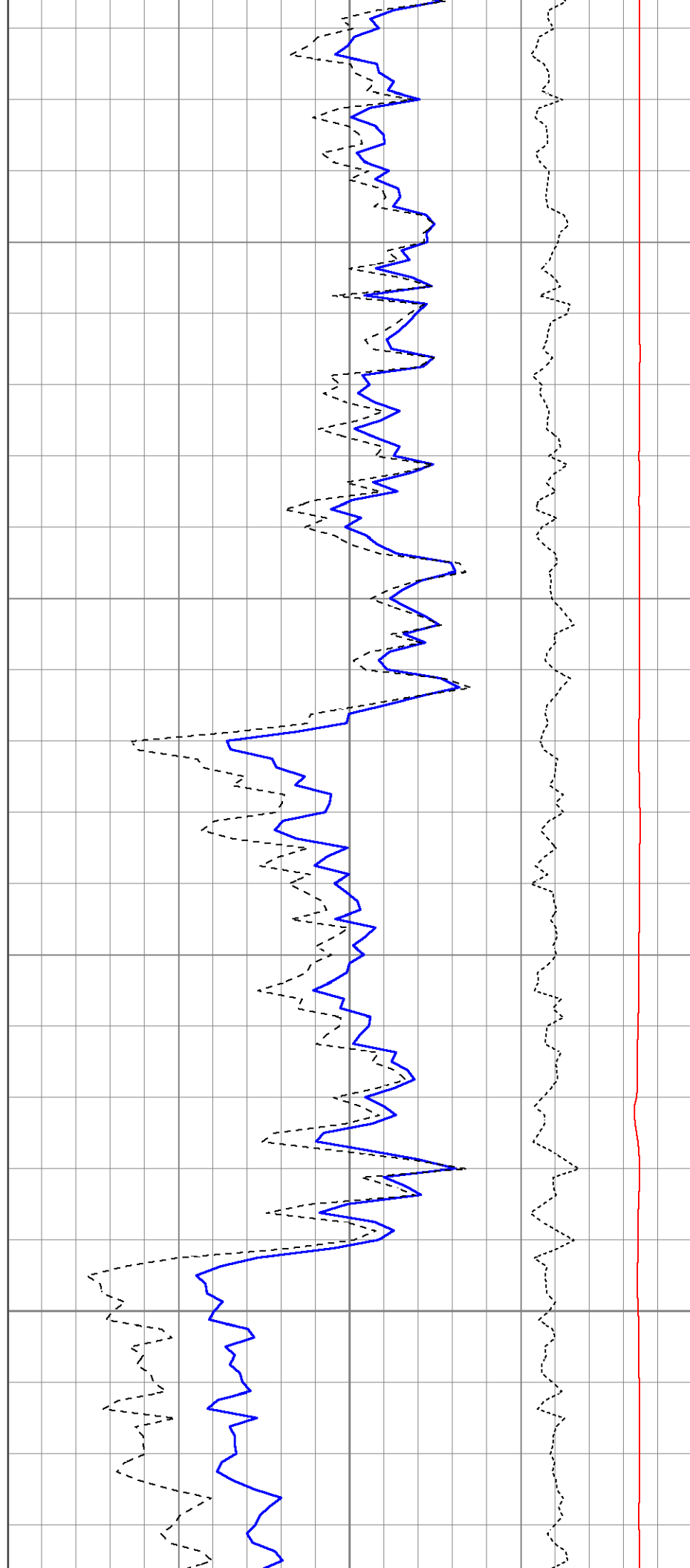


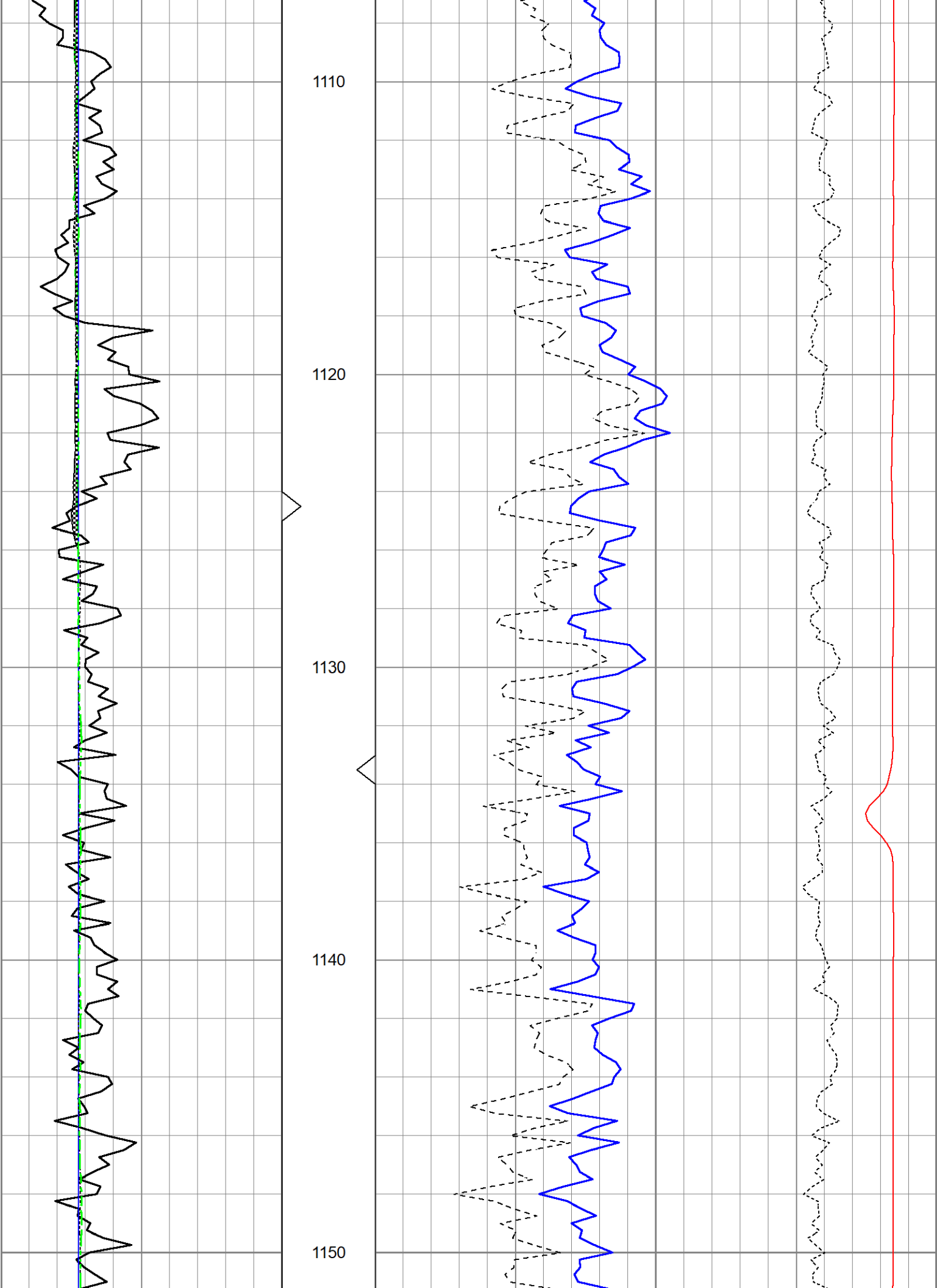
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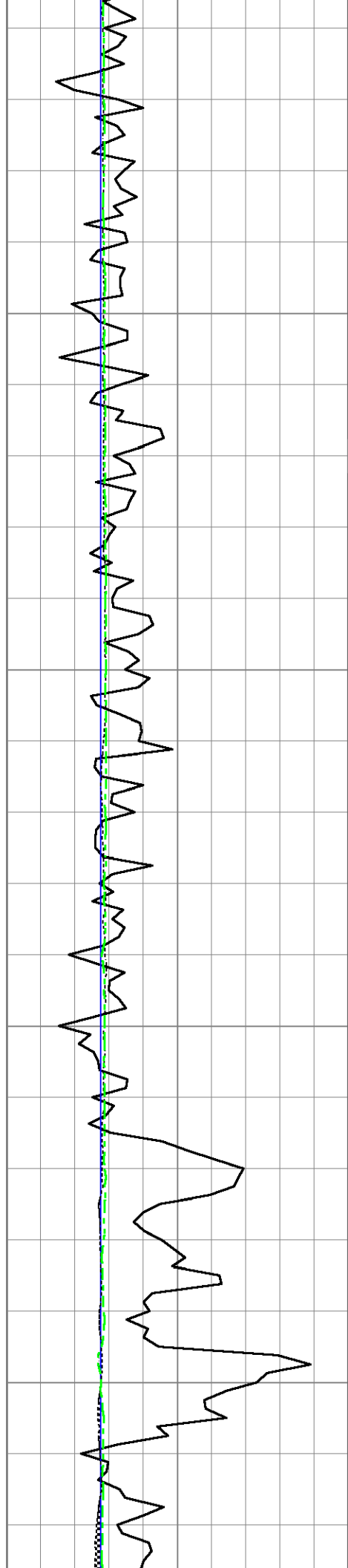
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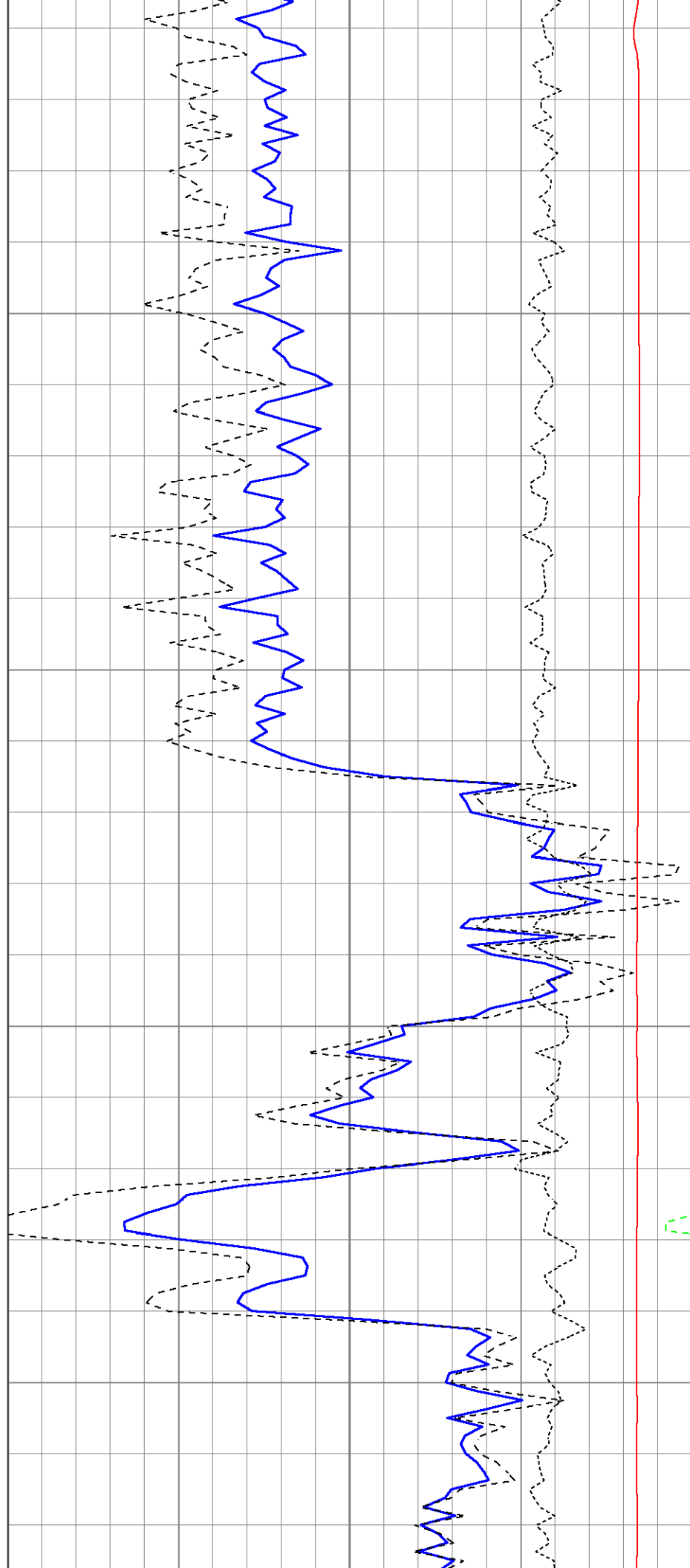


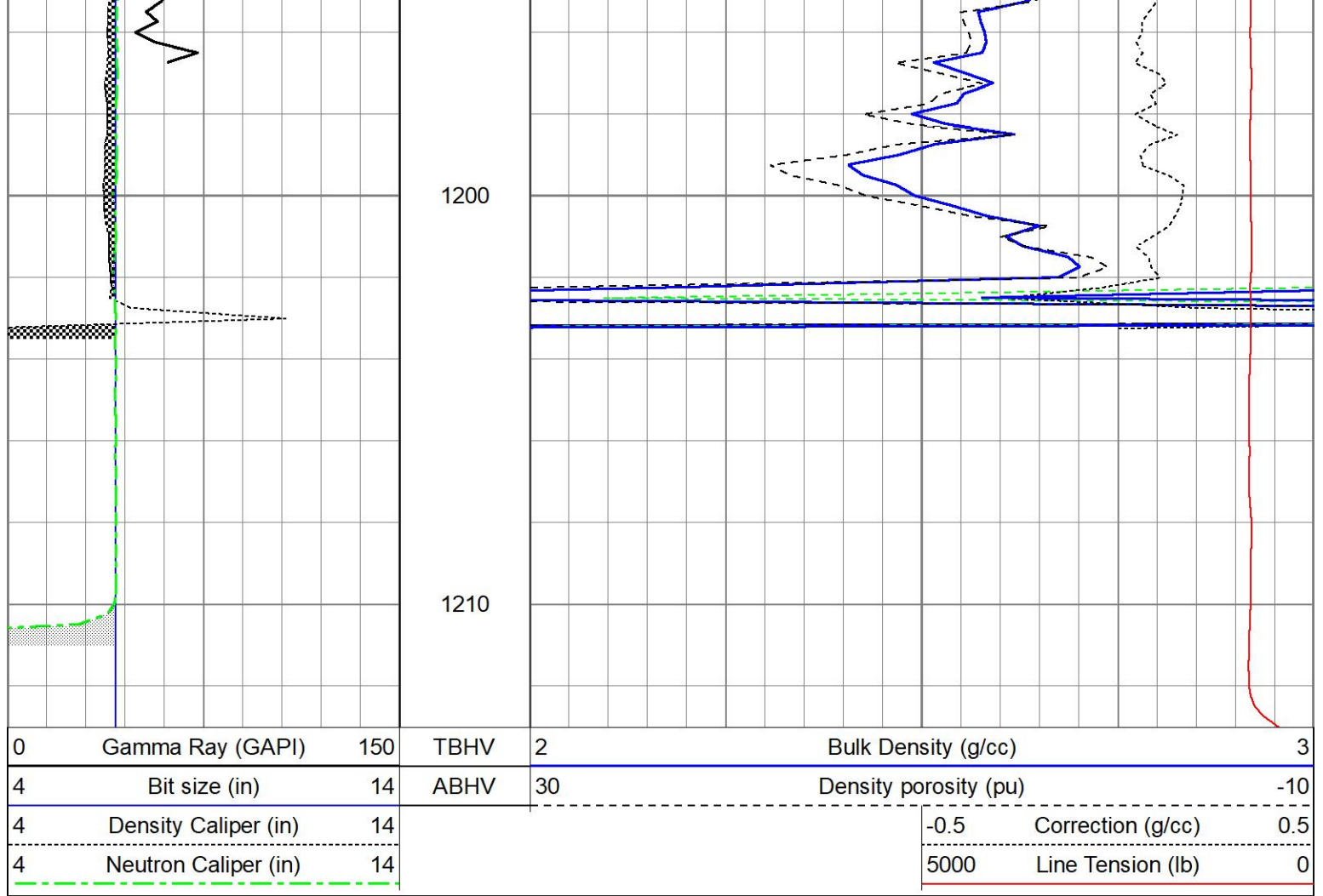
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	15.60		Cable-CableHead Isulation Sub	1.42	3.00	20.00
			Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD	10.22		Density-Oilex2122 (2122) Density Section	6.08	4.00	250.00
DCAL	9.94					
SSD	9.76		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

