



**HIGH RESOLUTION
COMPENSATED DENSITY
SIDEWALL NEUTRON LOG**

Company **CHEROKEE WELLS LLC.**
Well **DART et al #4-20**
Field **BUFFALO - VILAS**
County **WILSON**
State **KANSAS**

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Well **DART et al #4-20**
Field **BUFFALO - VILAS**
County **WILSON** State **KANSAS**

Location: API #: 15-205-28389-0000
SW/4
1320' FSL & 1320' FWL
SEC 20 TWP 27S RGE 16E
Permanent Datum **GL** Elevation **951' est**
Log Measured From **GL**
Drilling Measured From **GL**

Other Services
DIL

Elevation
K.B. ---
D.F. ---
G.L. 951' est

Date	11-16-2016
Run Number	ONE
Depth Driller	1313'
Depth Logger	1313'
Bottom Logged Interval	1311'
Top Log Interval	SURFACE
Casing Driller	8.625" @ 39.20'
Casing Logger	8.625" @ 39.20'
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

**OW2-8955
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

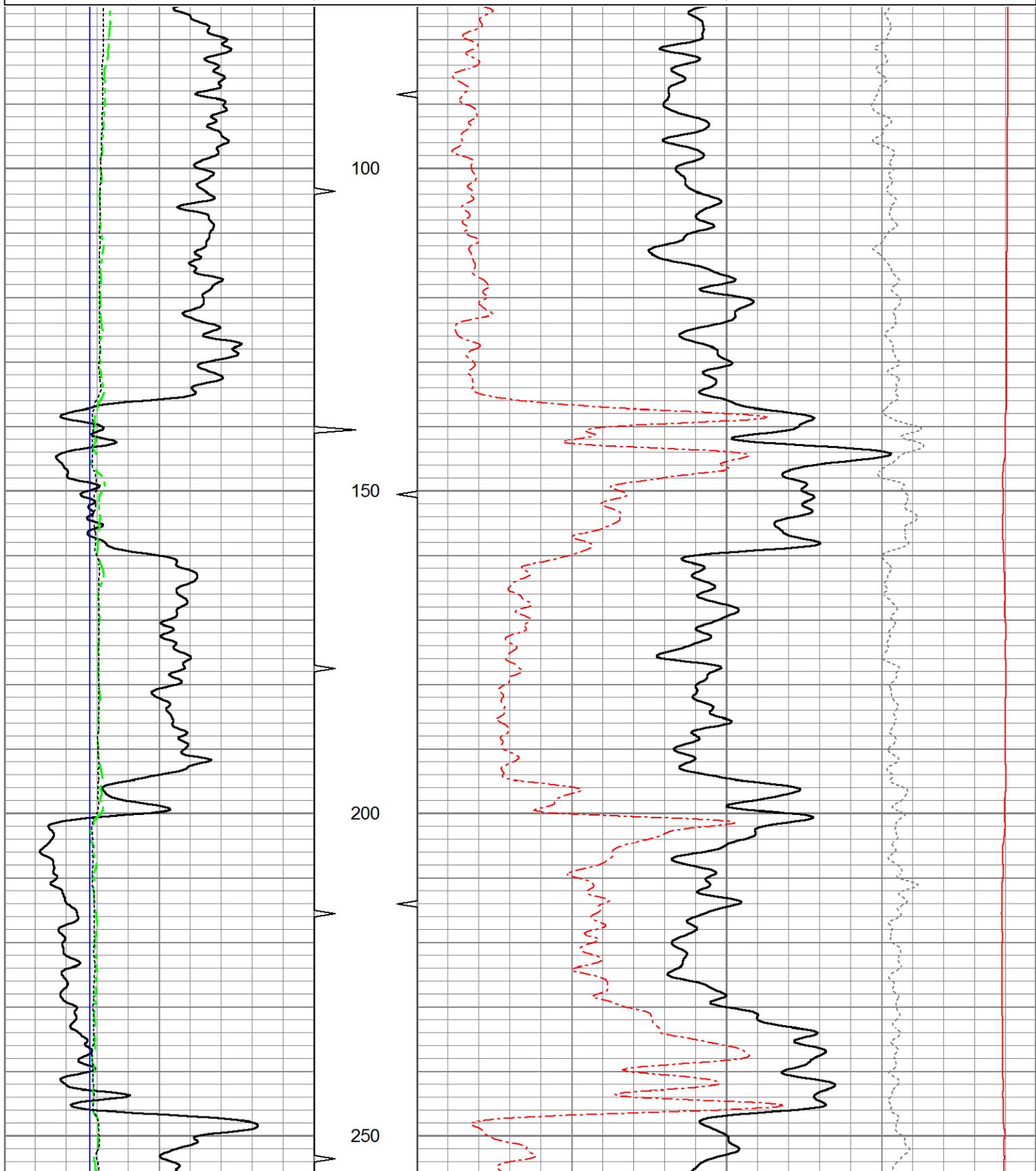
CREW : B. MARSHALL**

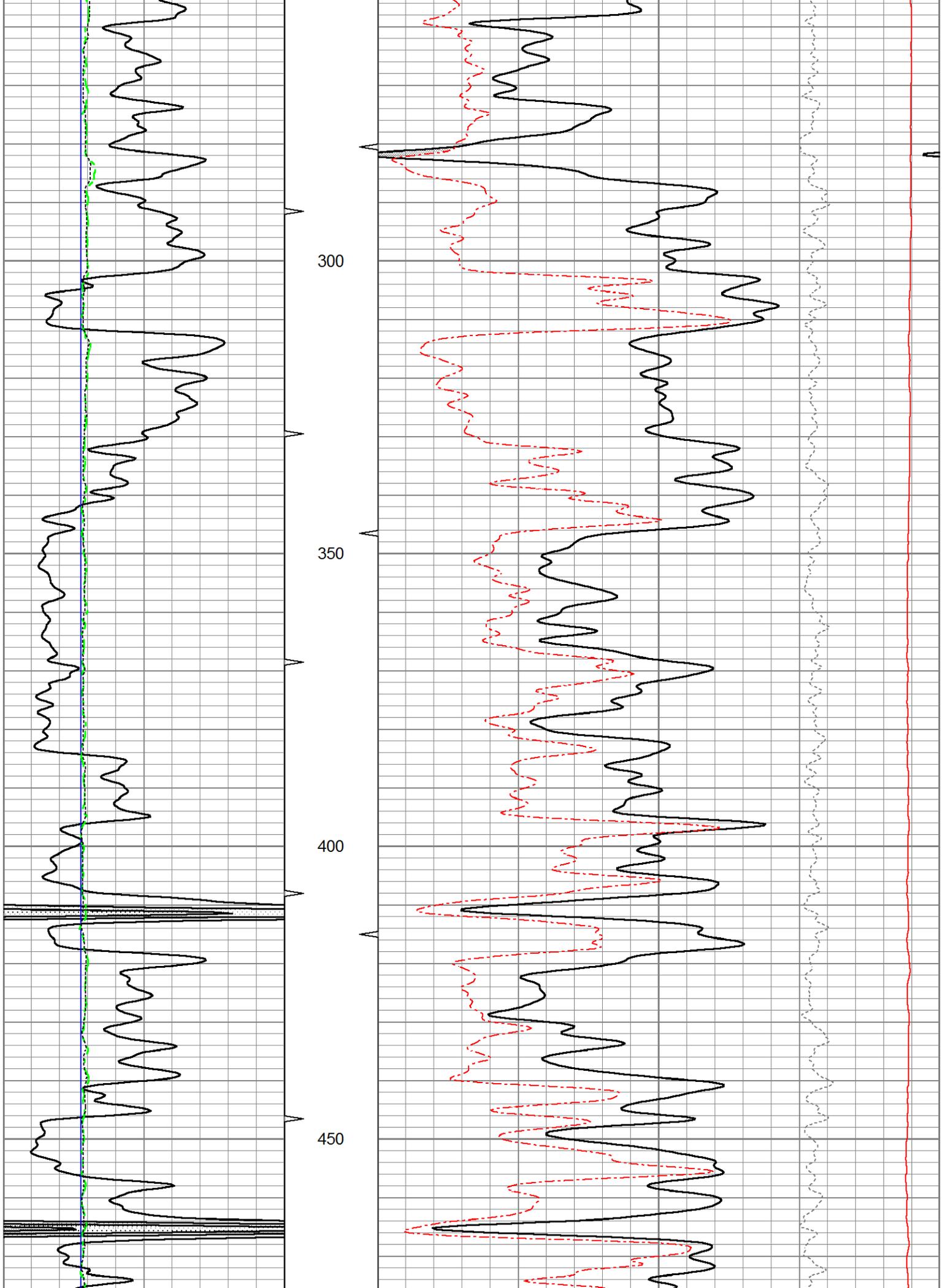


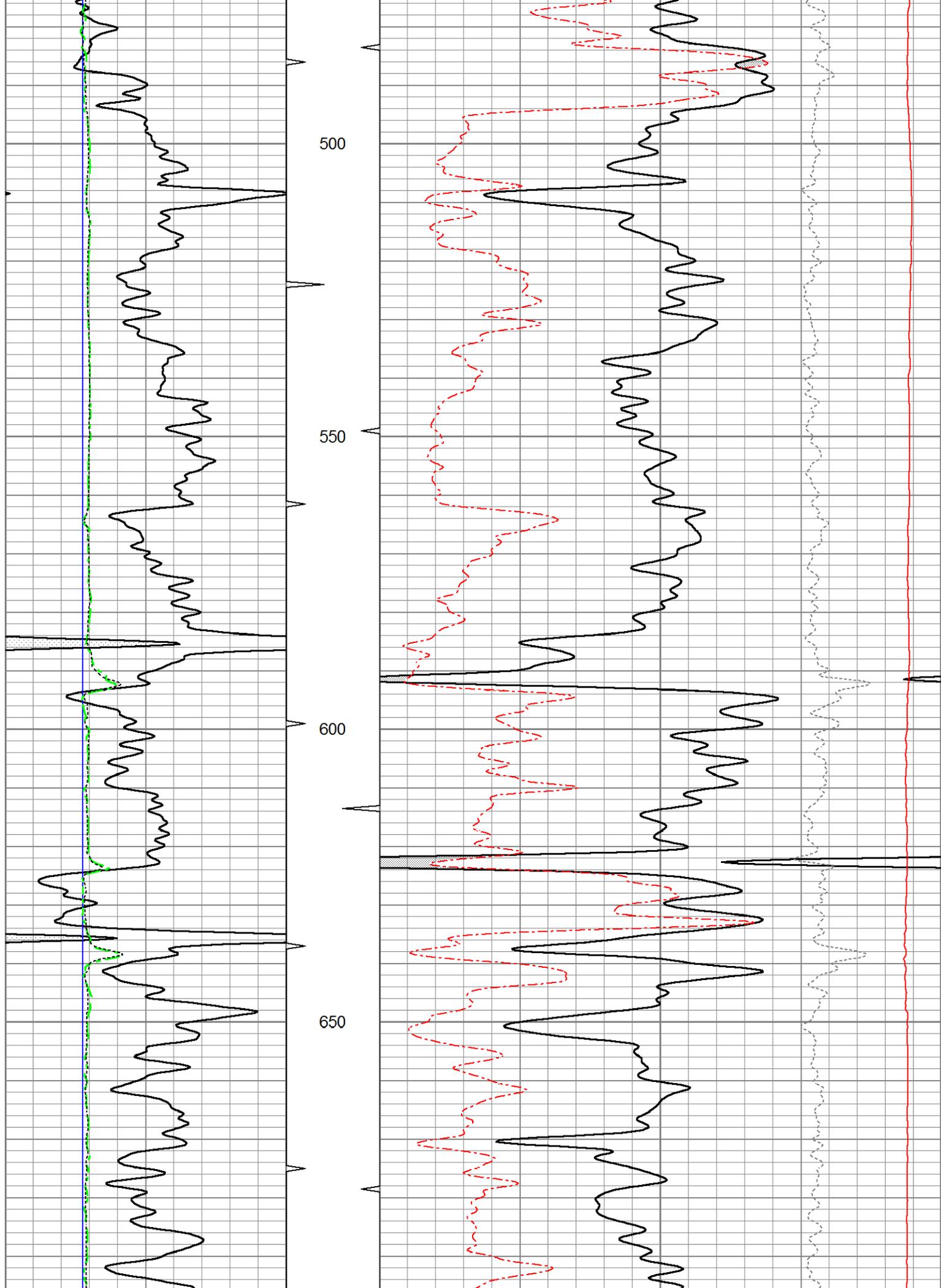
5" CDL/SWN SECTION

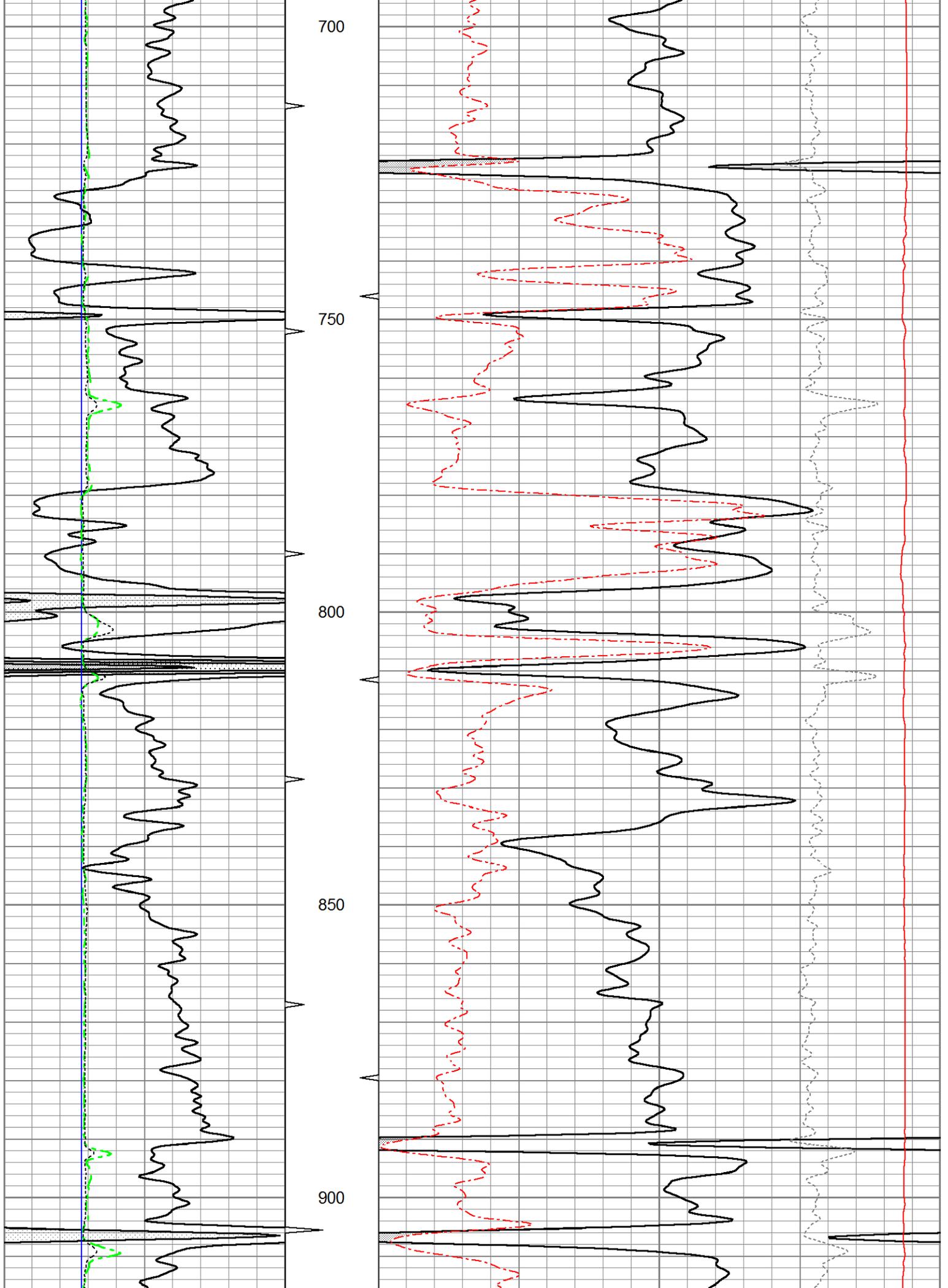
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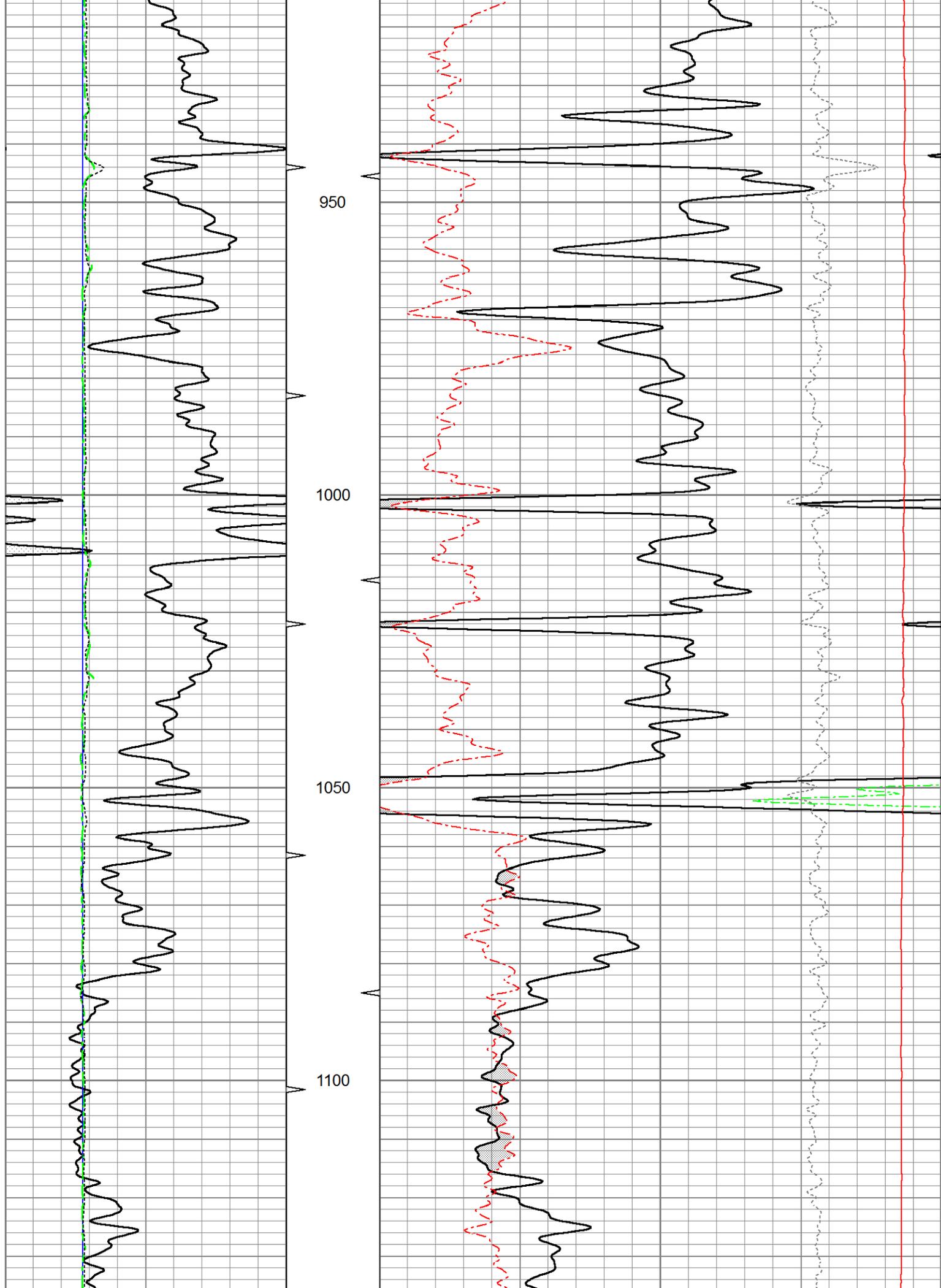
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4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Neutron Caliper (in)	14			-0.5	Correction (g/cc) 0.5
4	Density Caliper (in)	14			5000	Line Tension (lb) 0

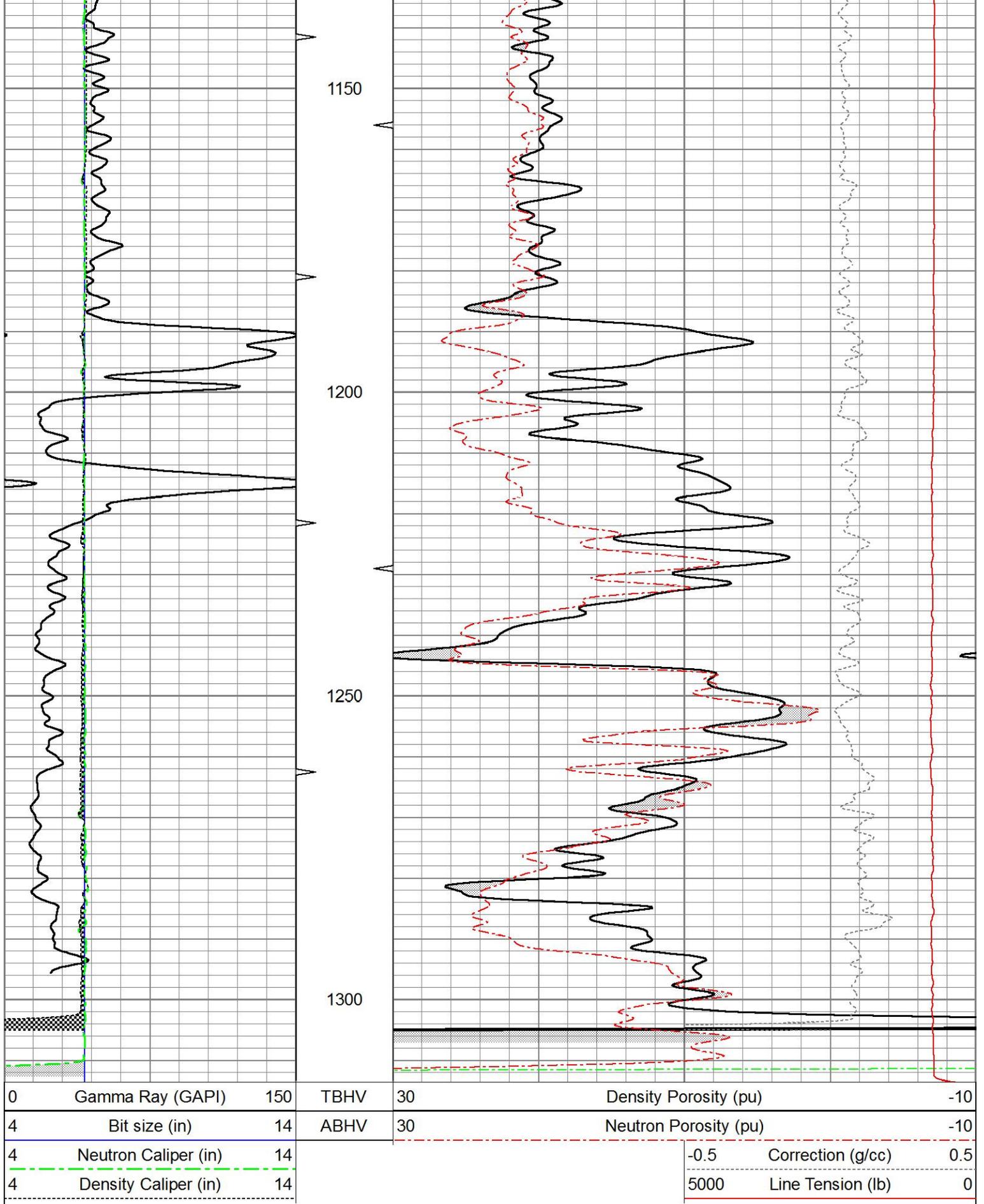








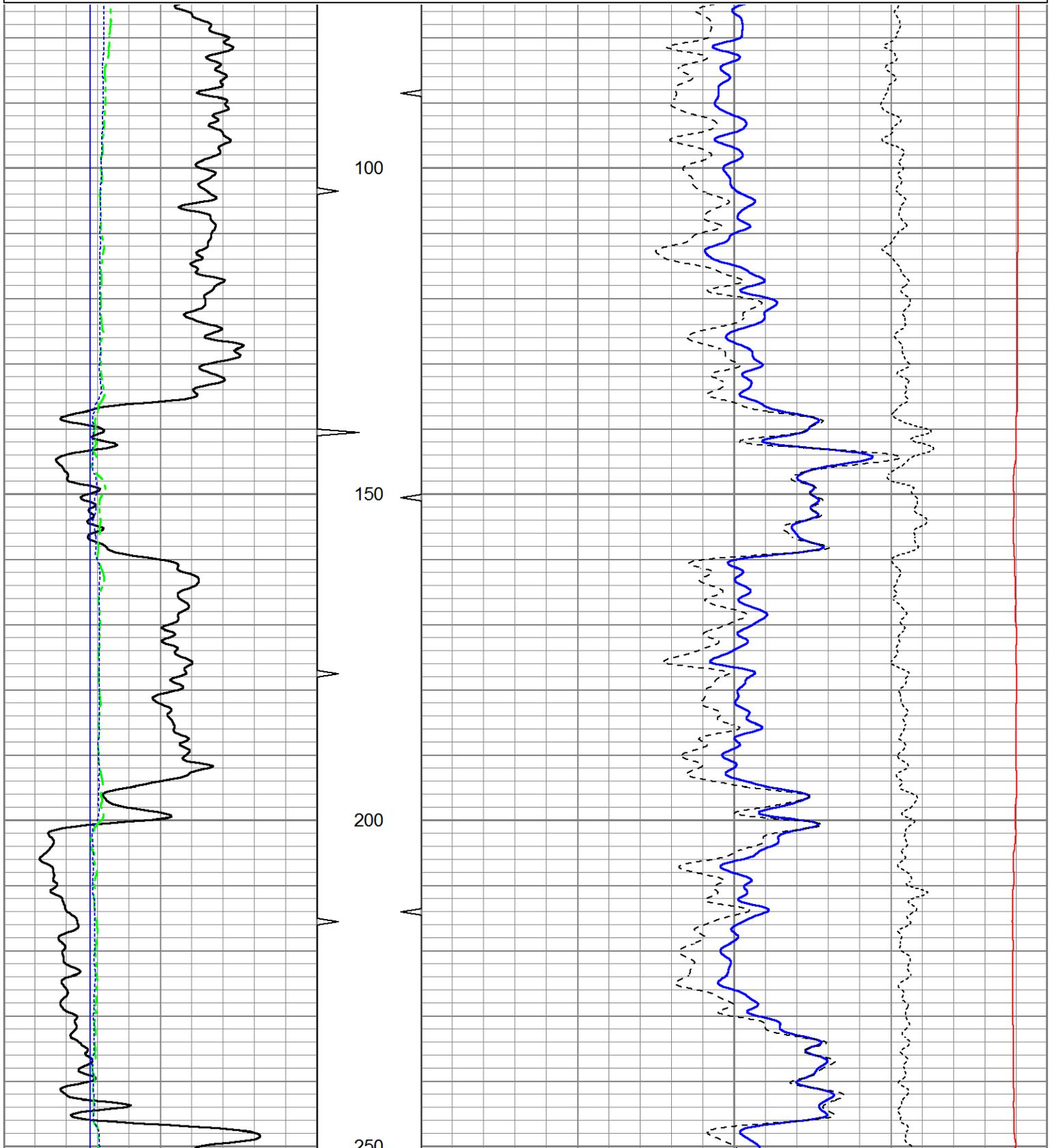


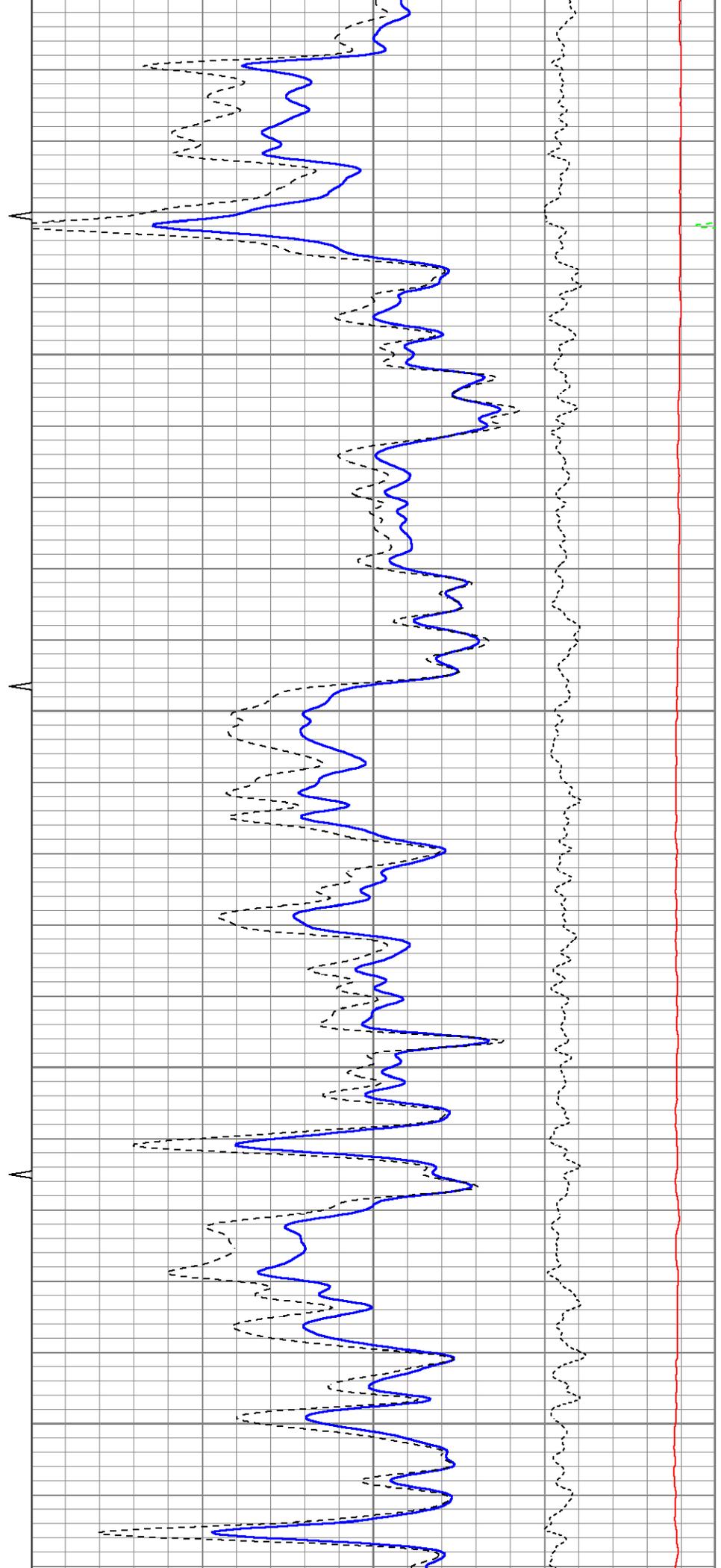
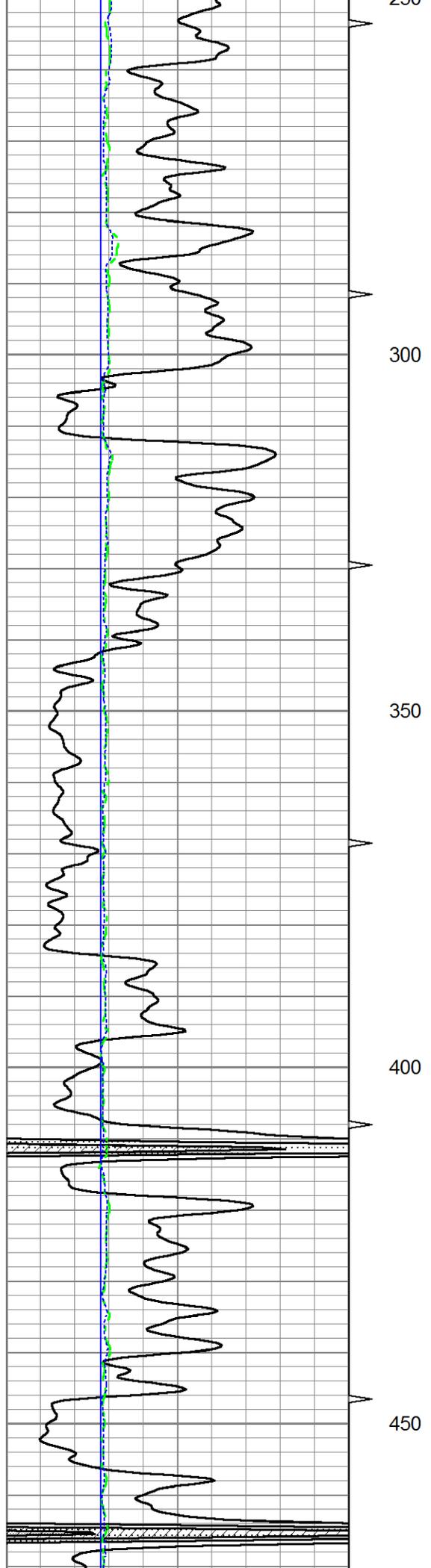


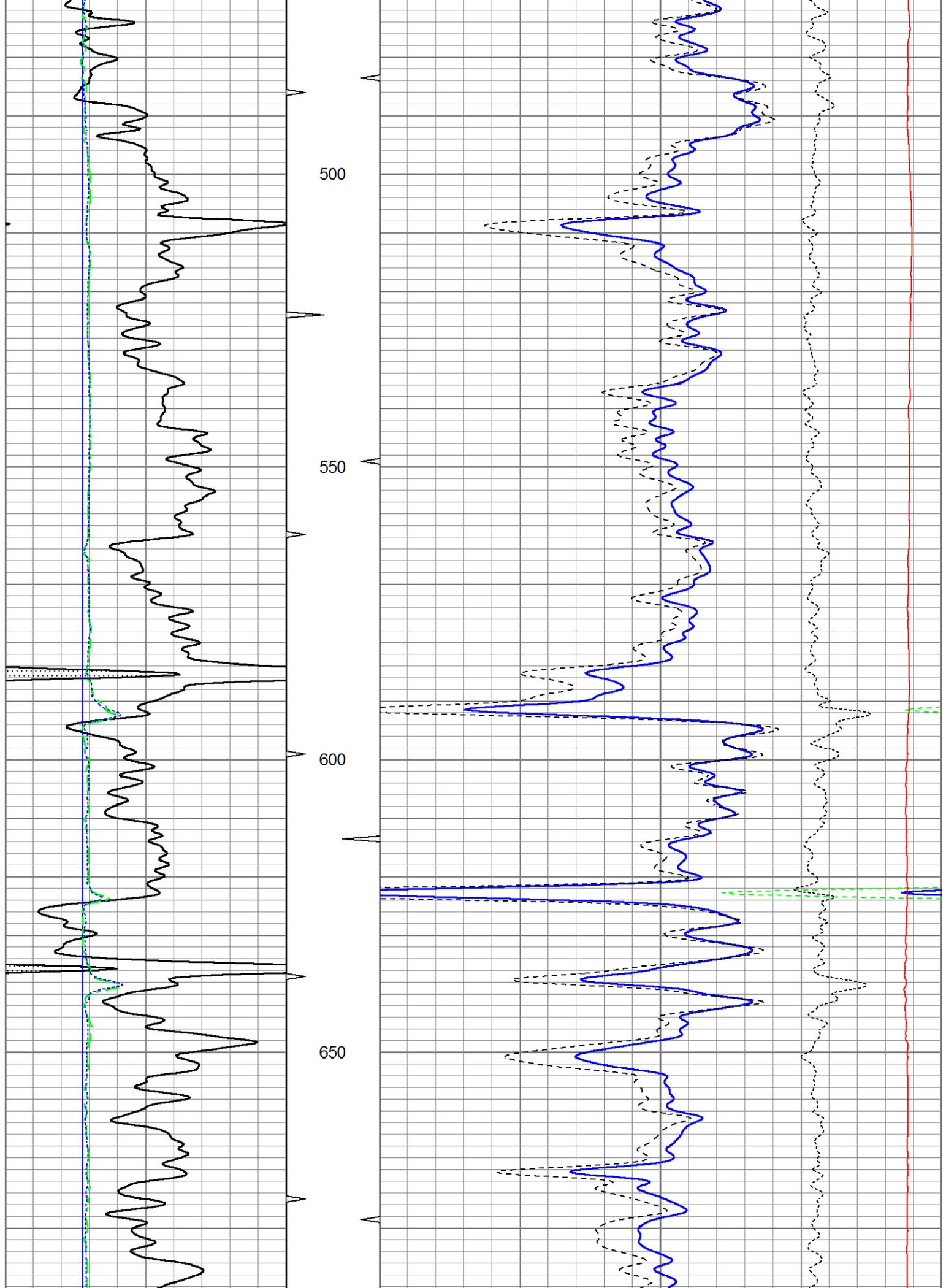
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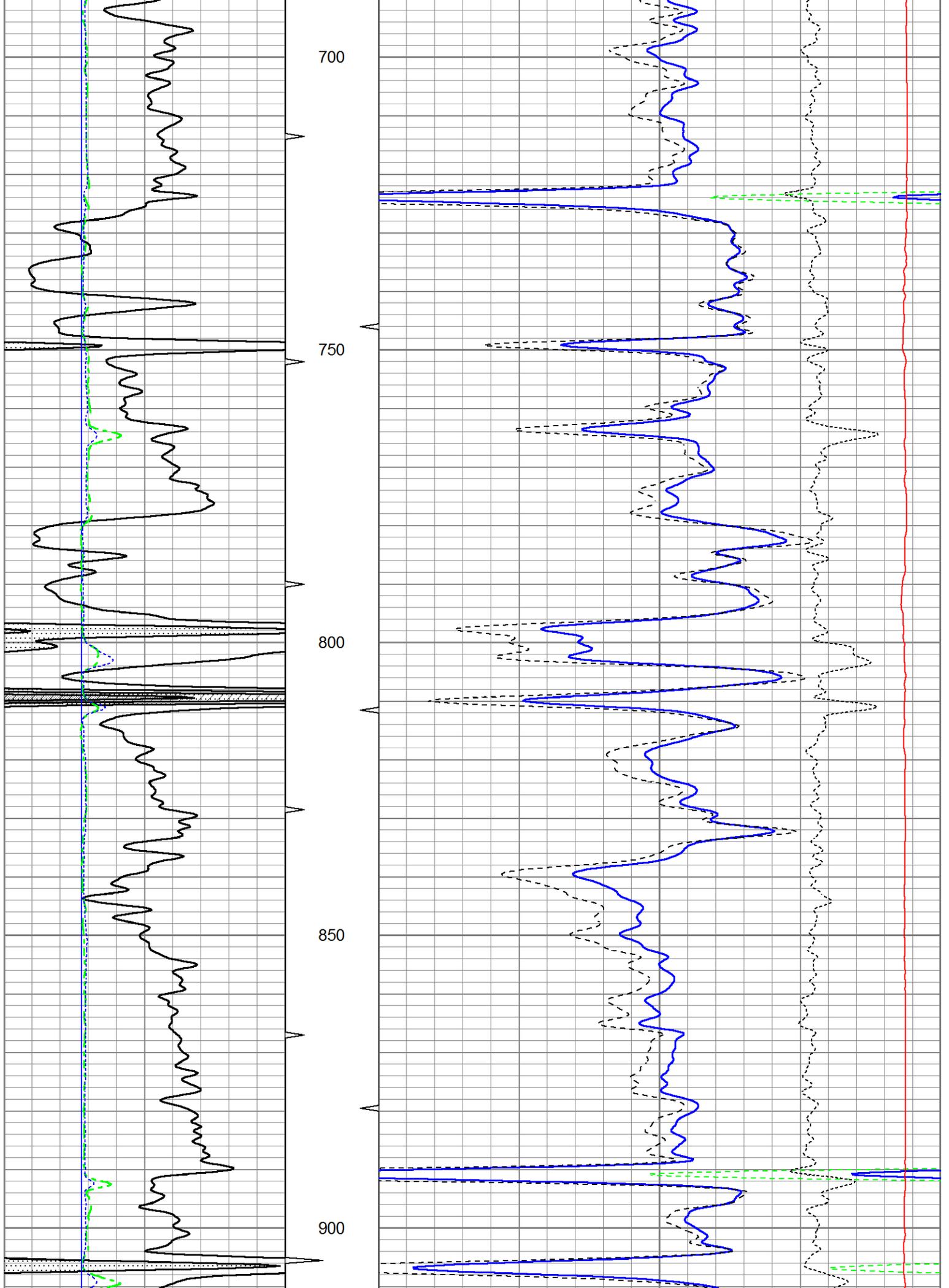
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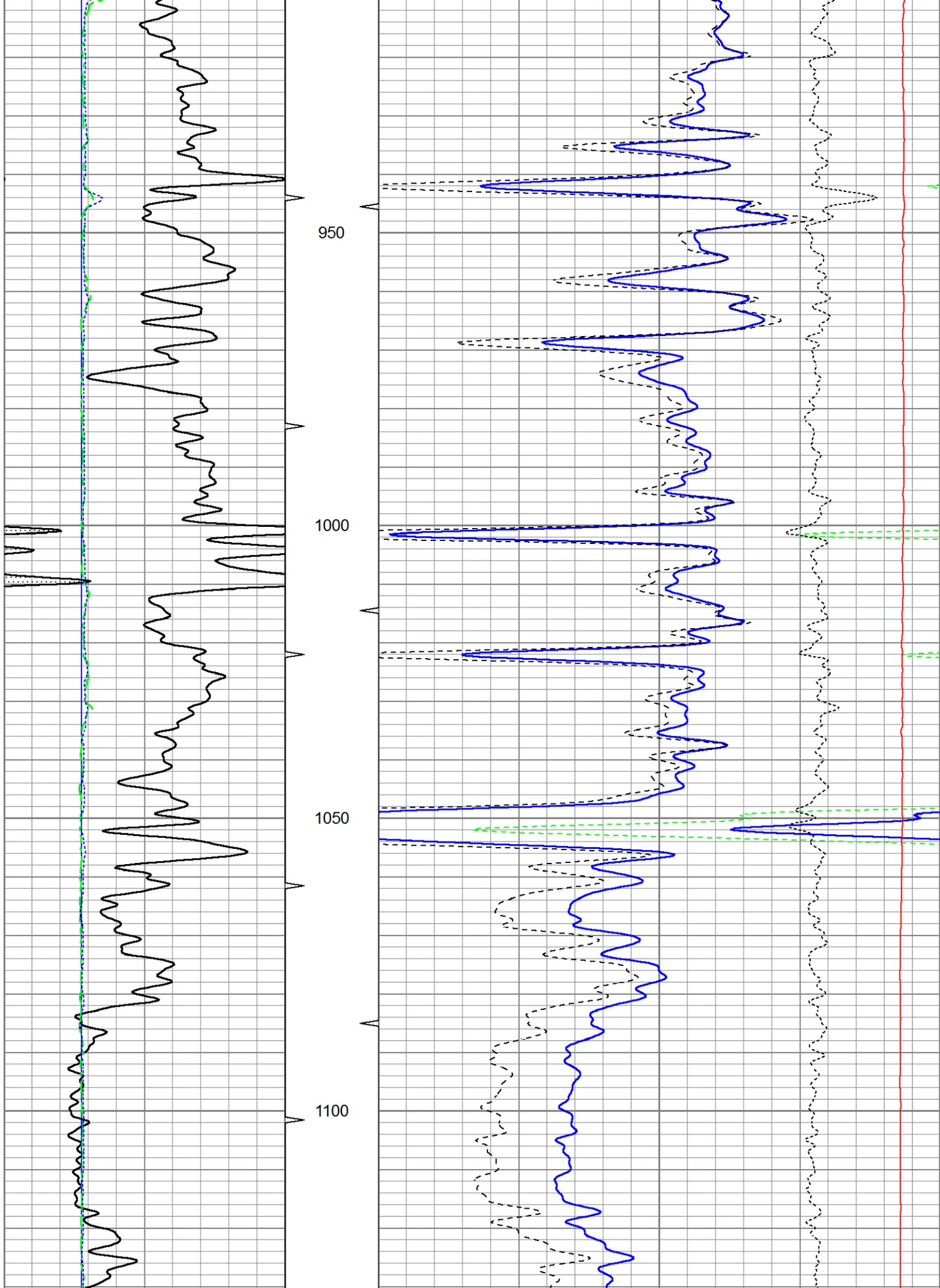
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4	Density Caliper (in)	14			5000	Line Tension (lb) 0

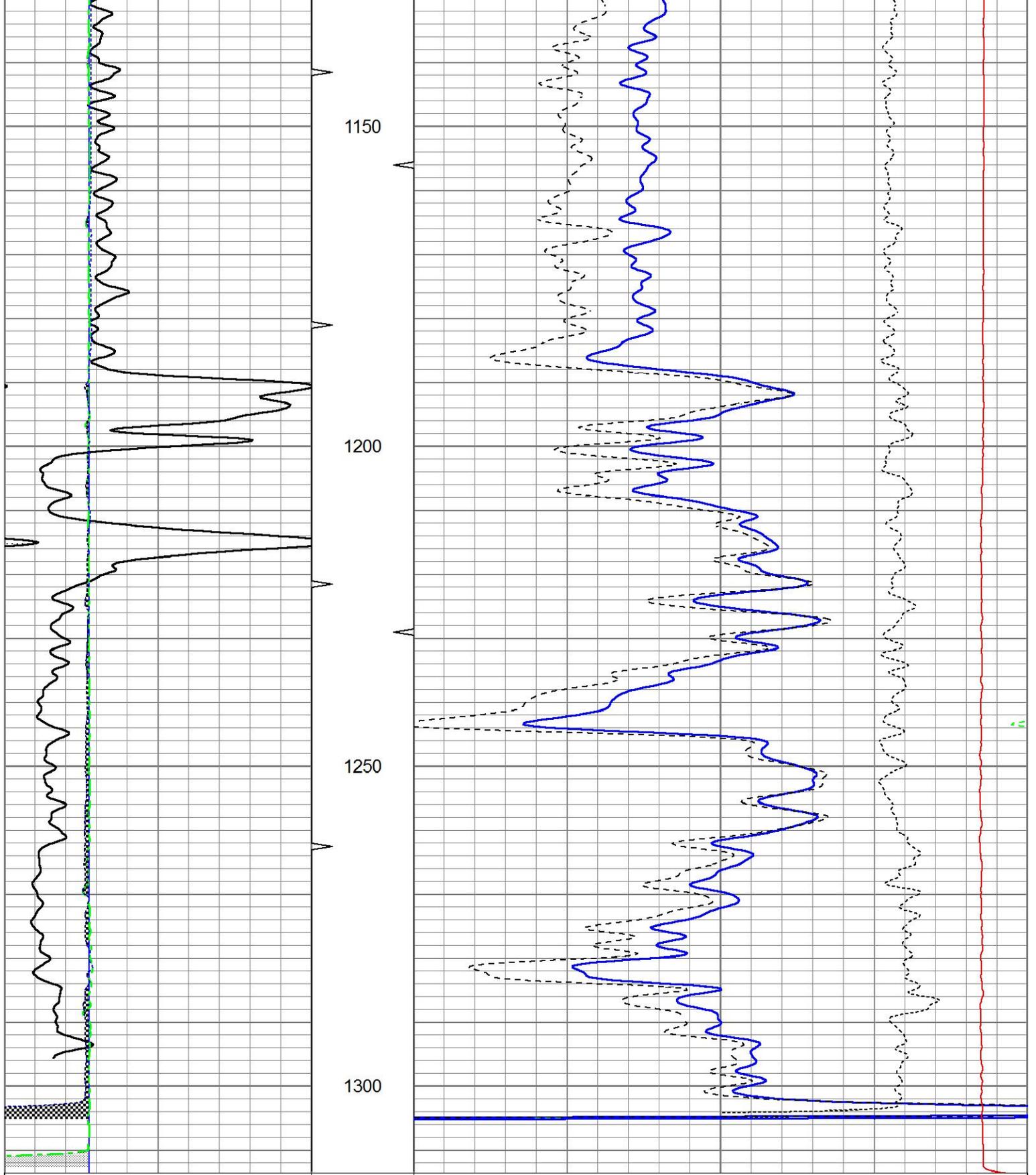












0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3	
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4	Neutron Caliper (in)	14			-0.5	Correction (g/cc)	0.5
4	Density Caliper (in)	14			5000	Line Tension (lb)	0

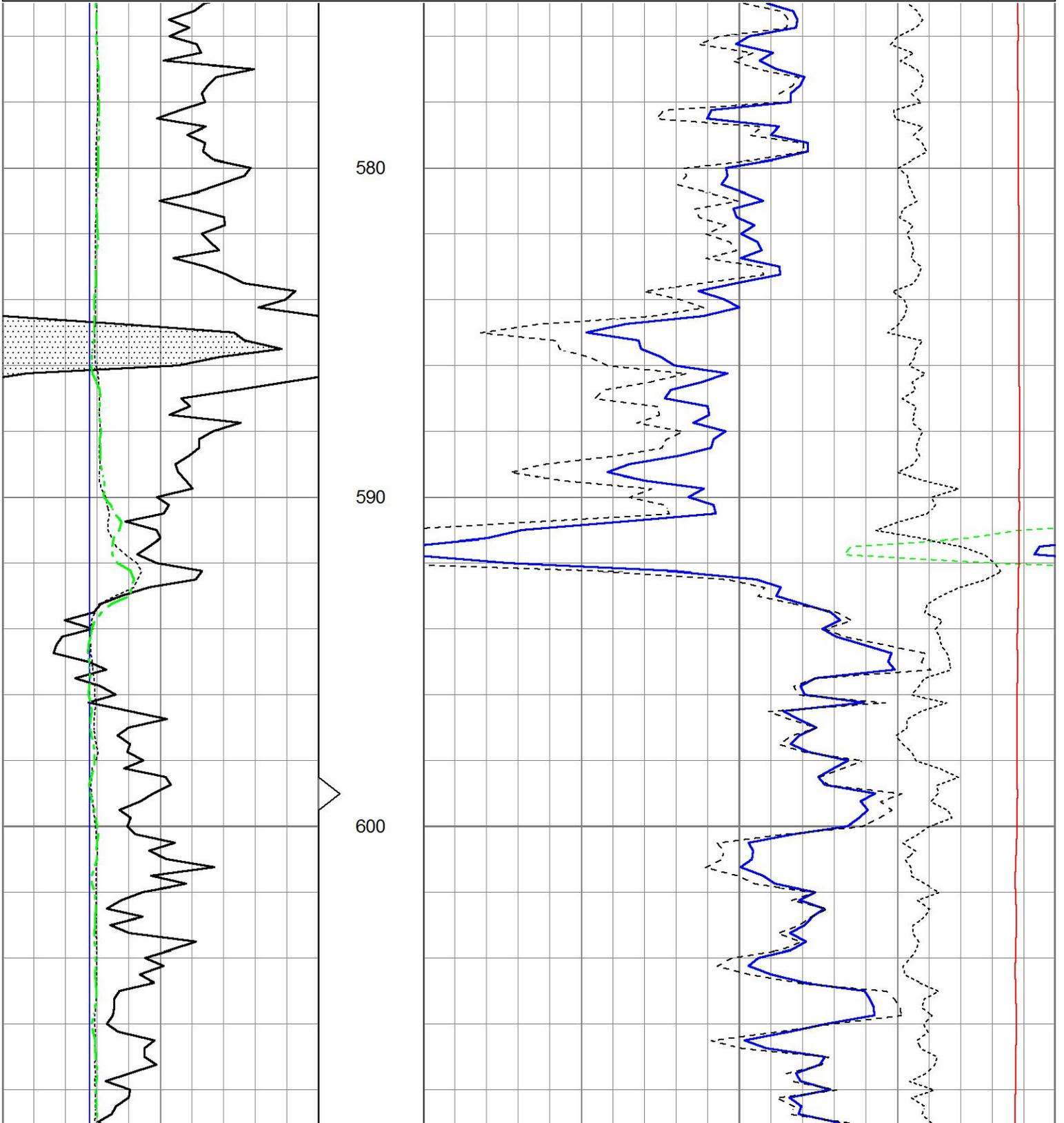


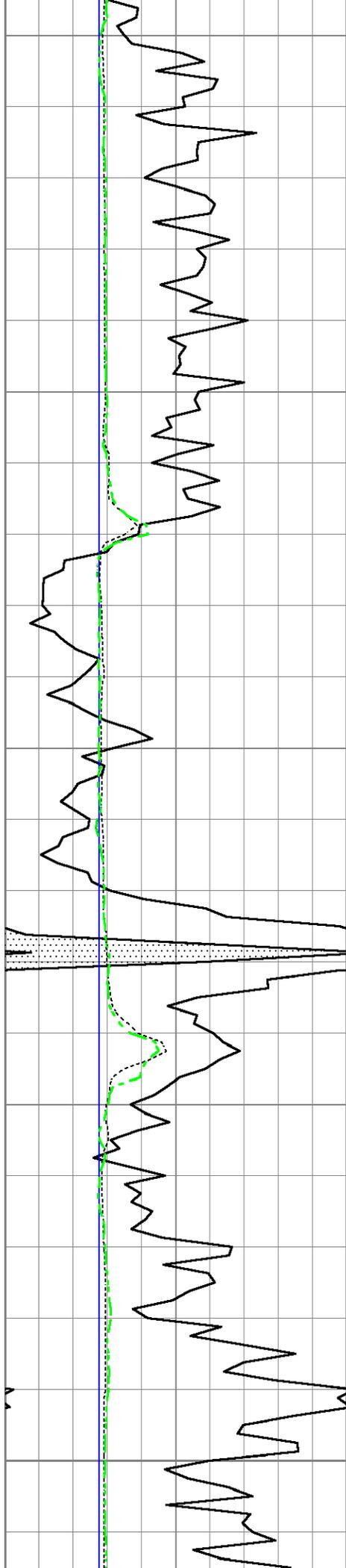
25" HB CDI SECTION

25 IIR CDL SECTION

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





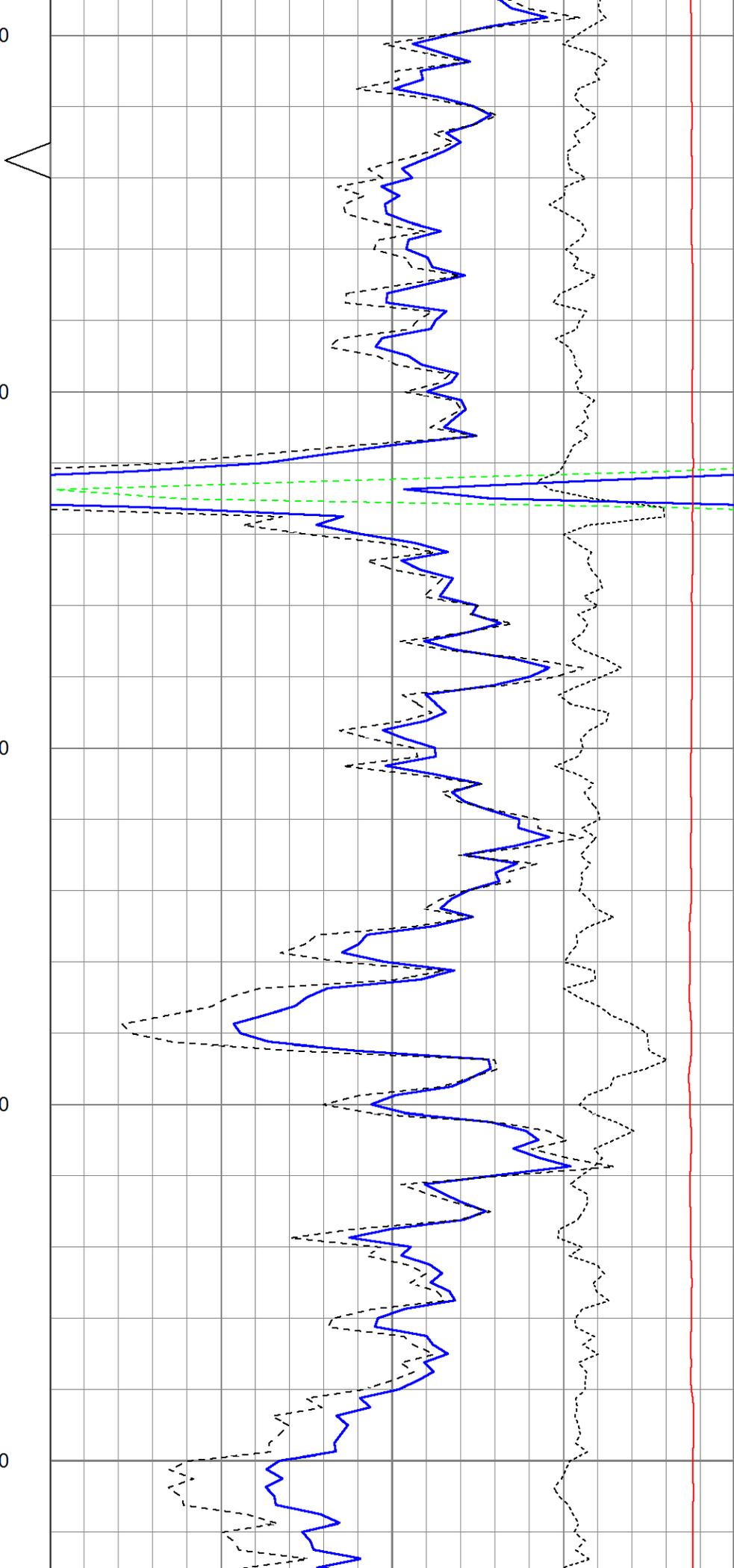
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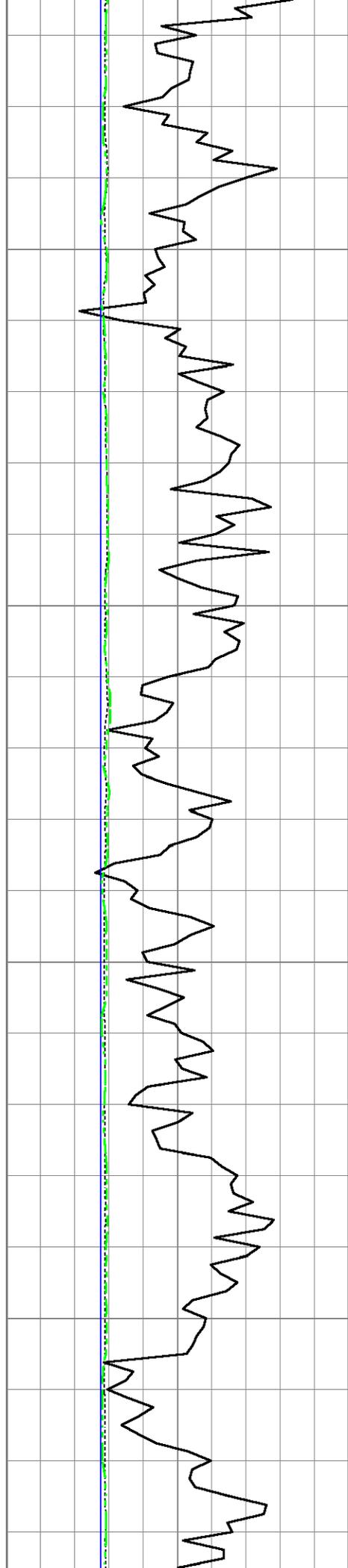
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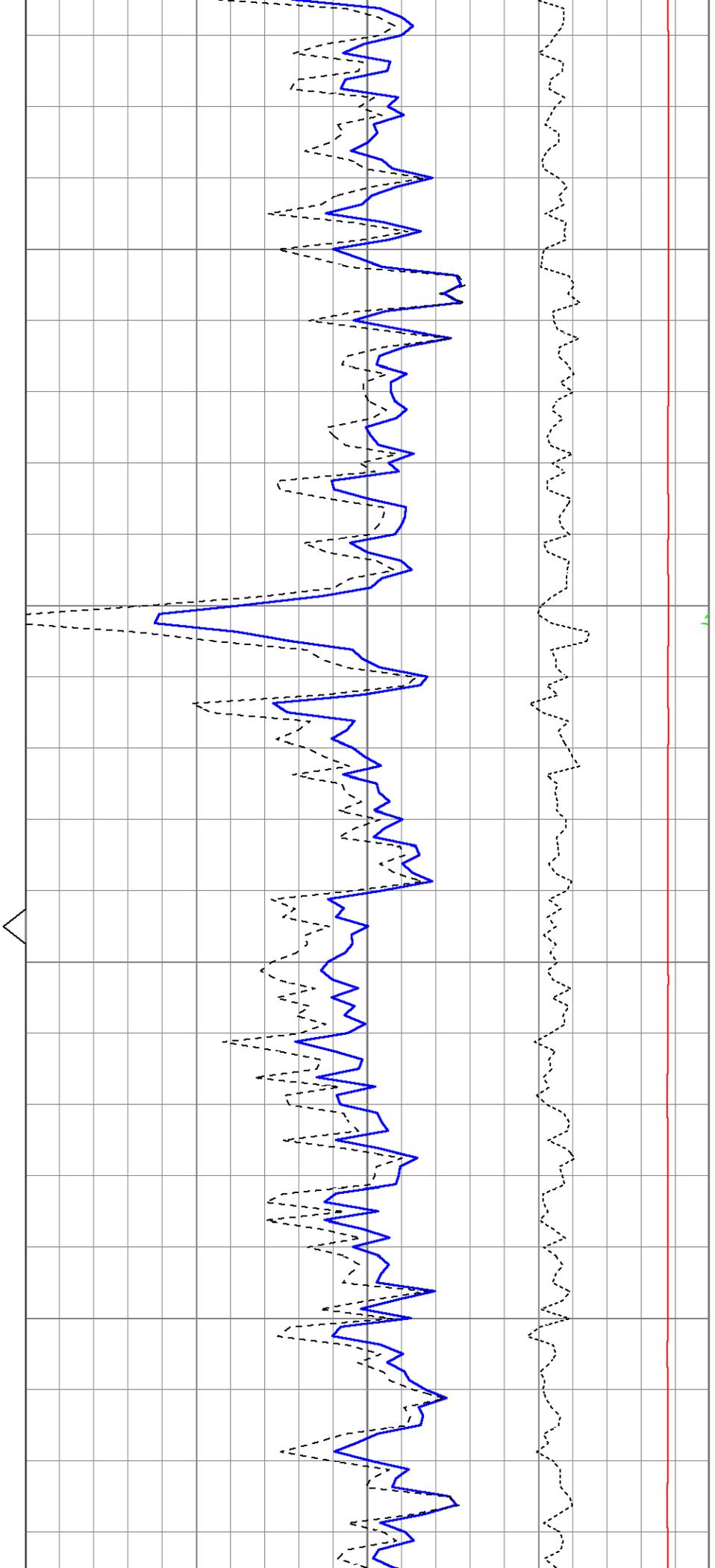


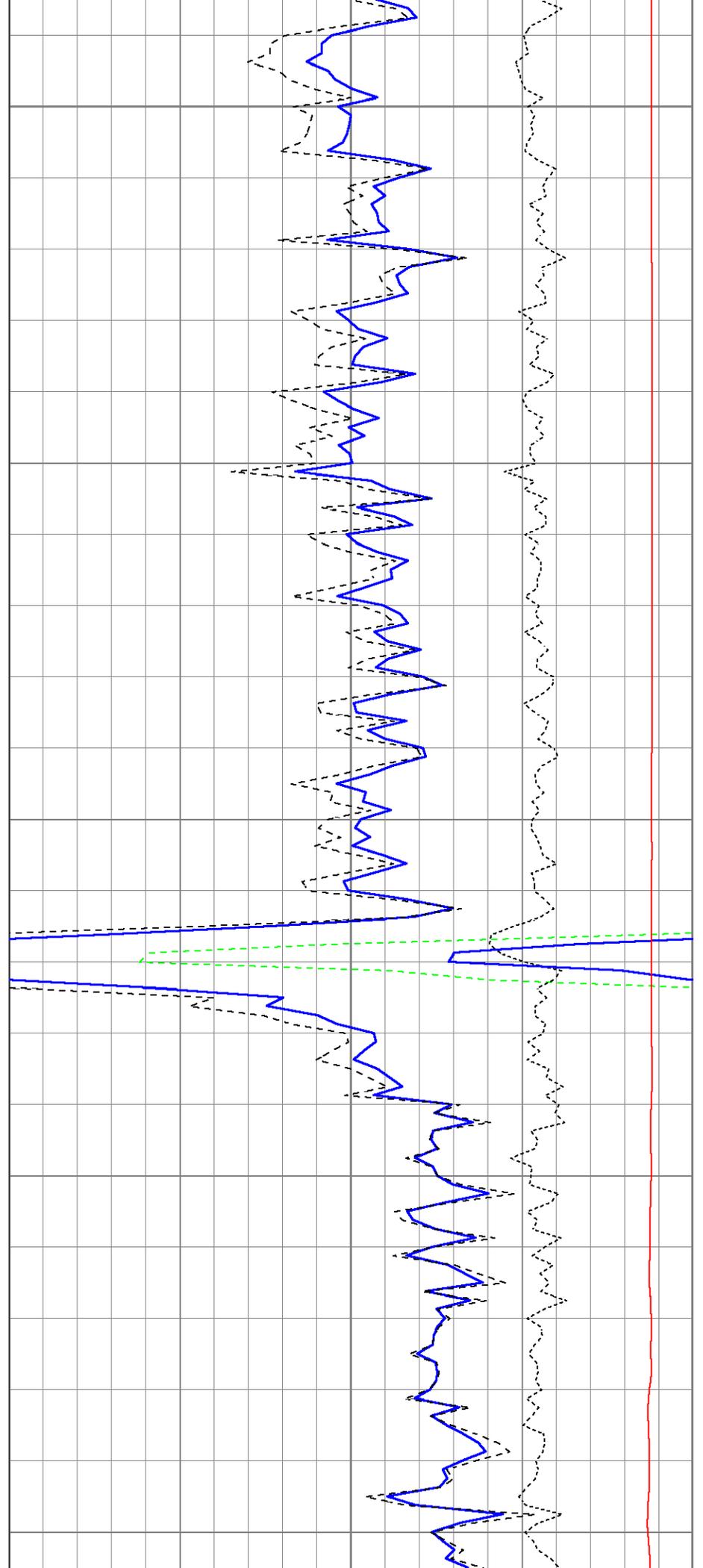
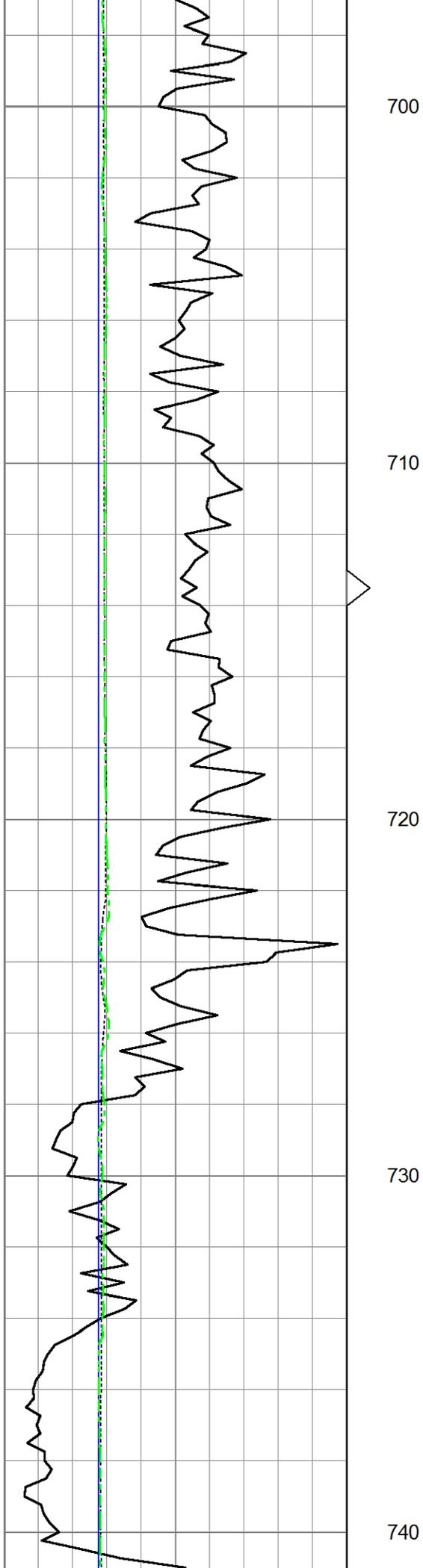
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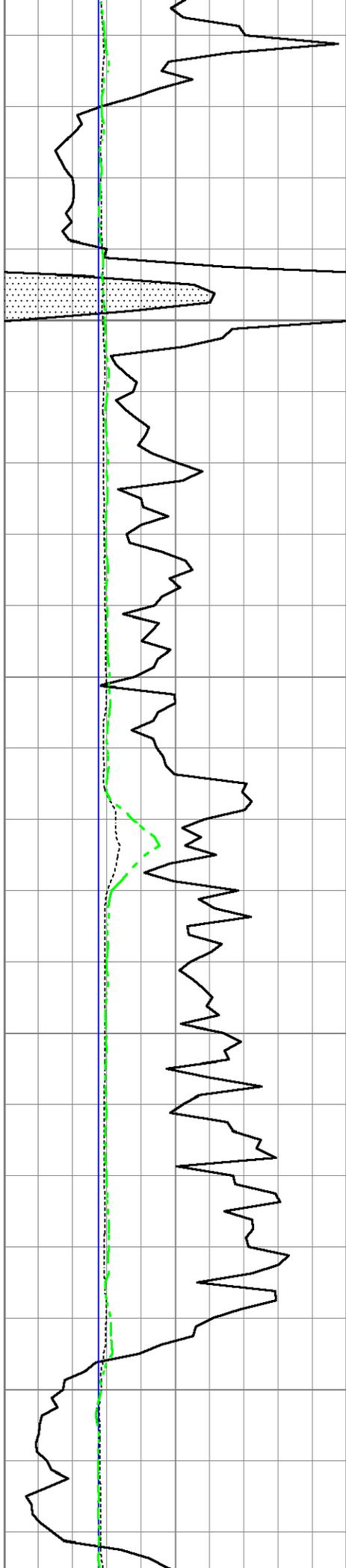
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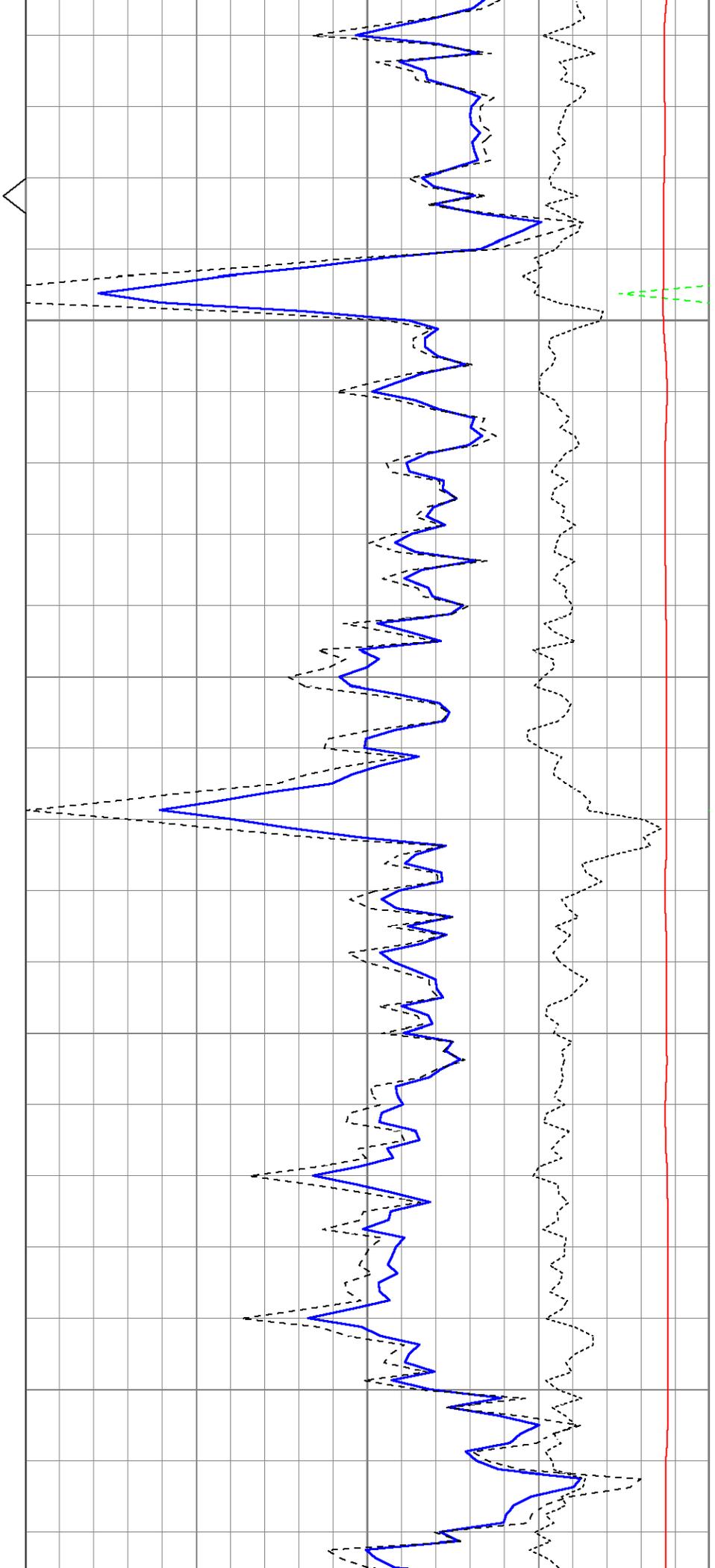


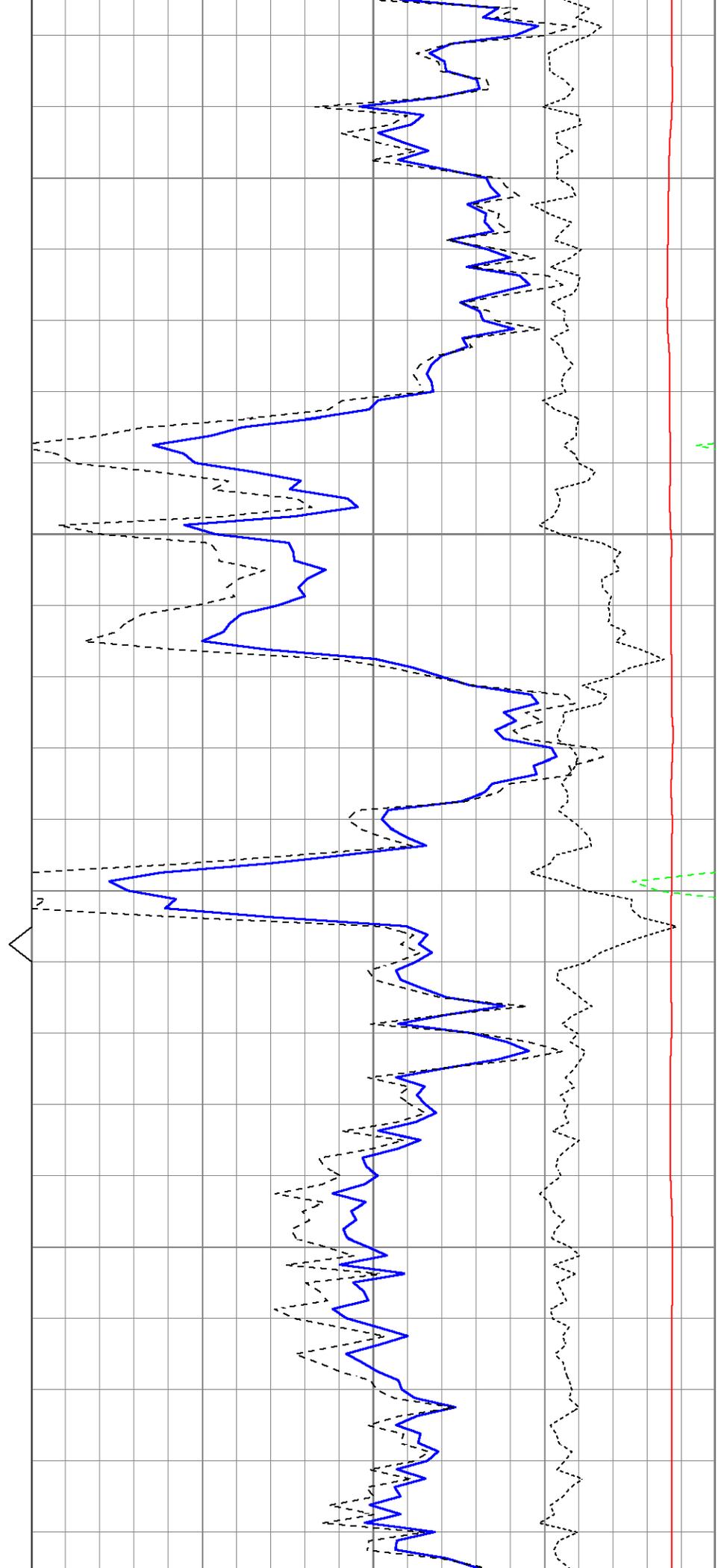
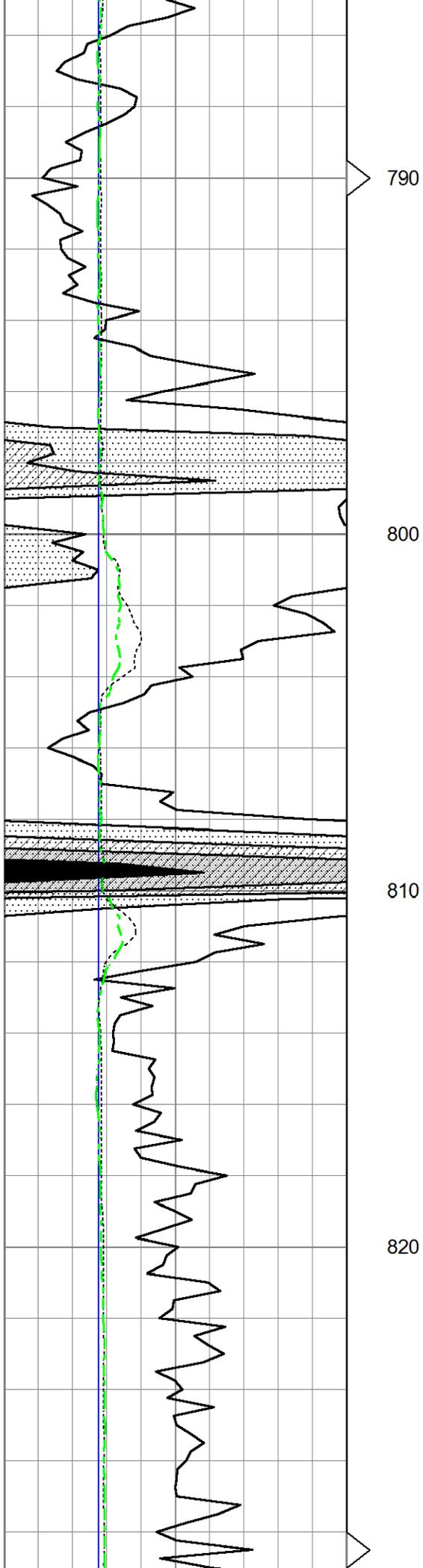
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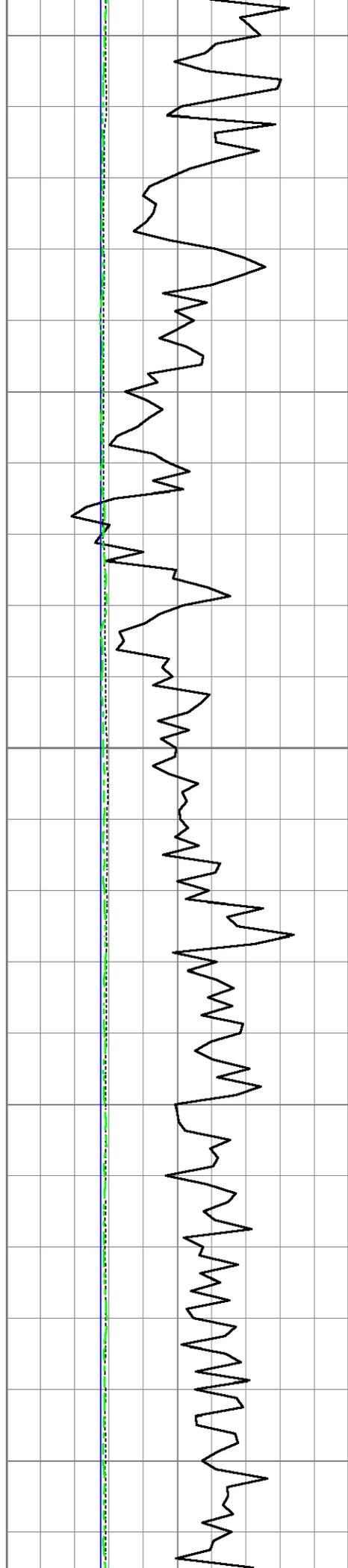
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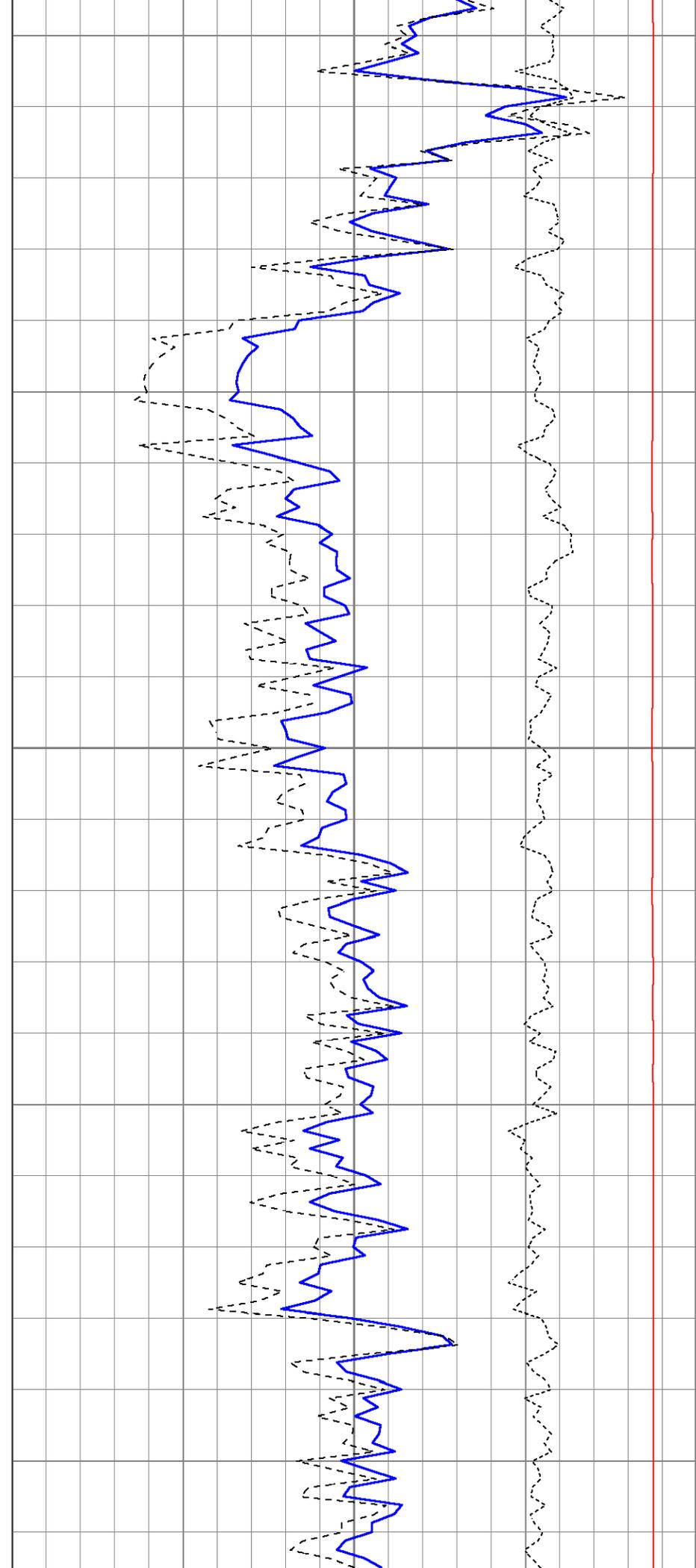
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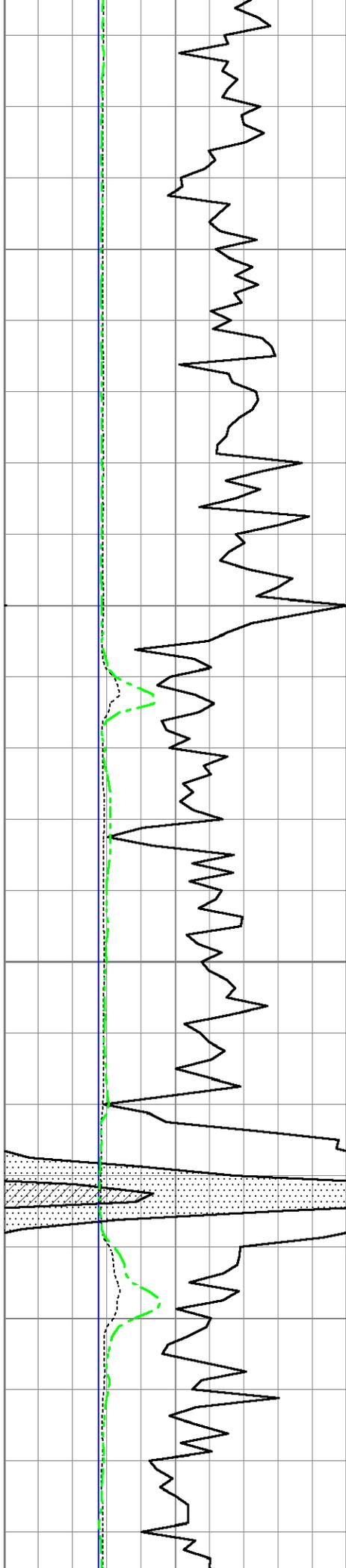
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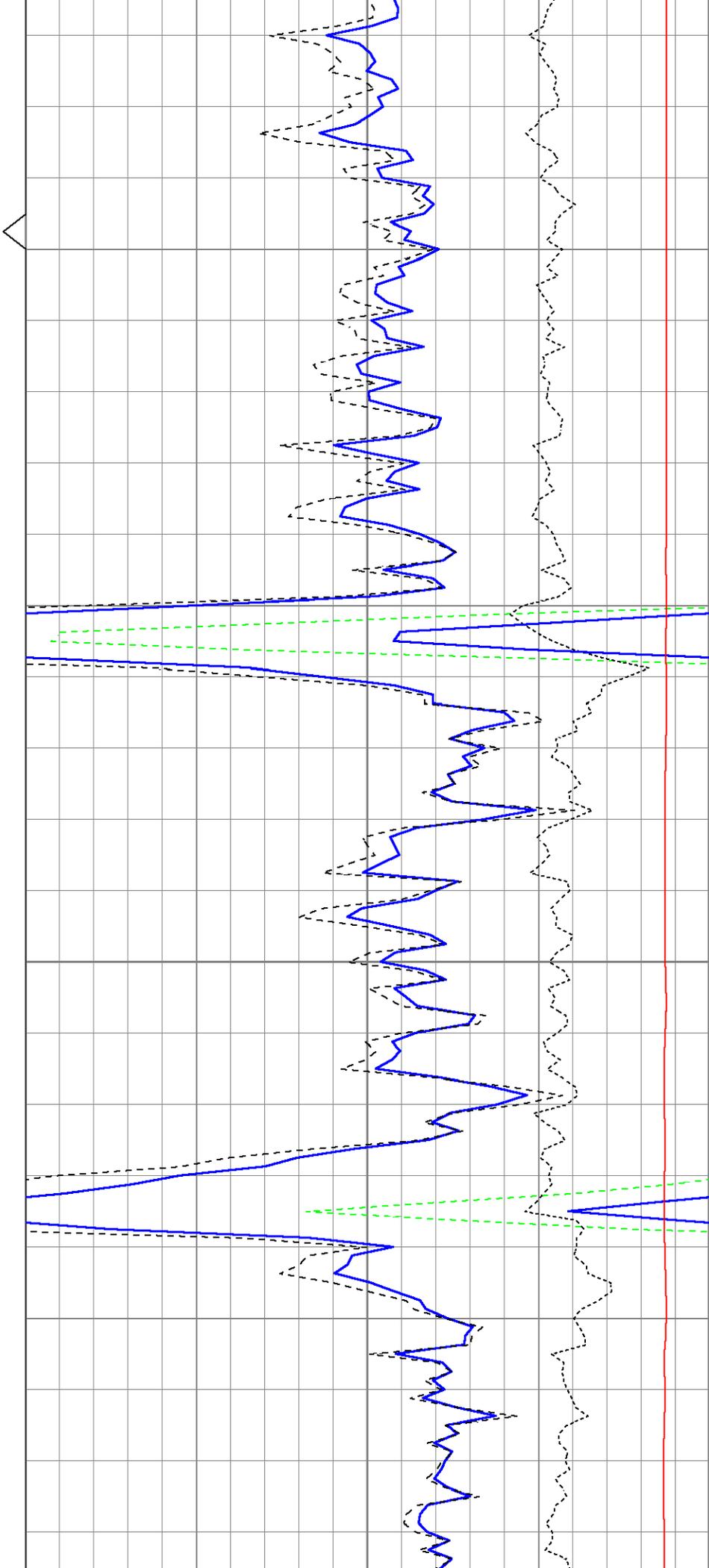


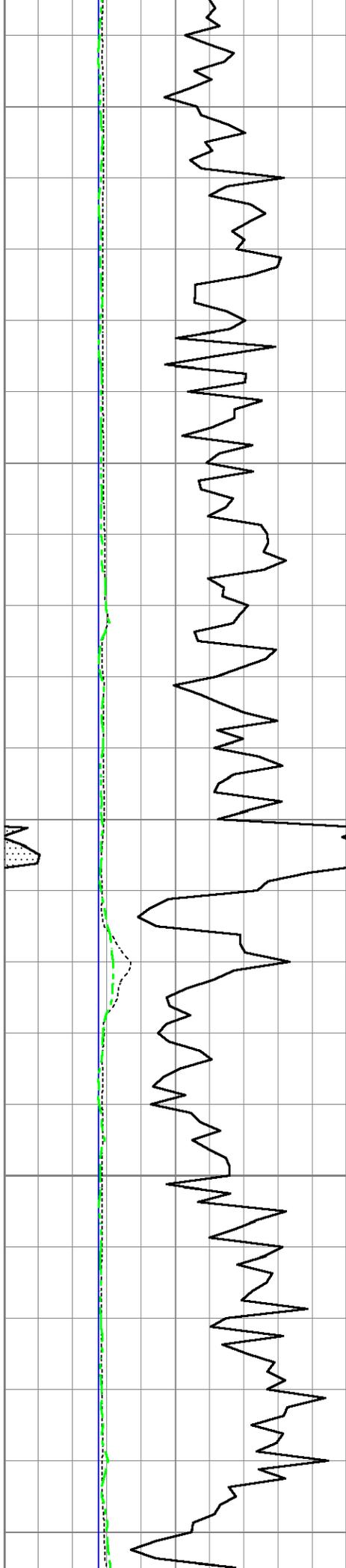
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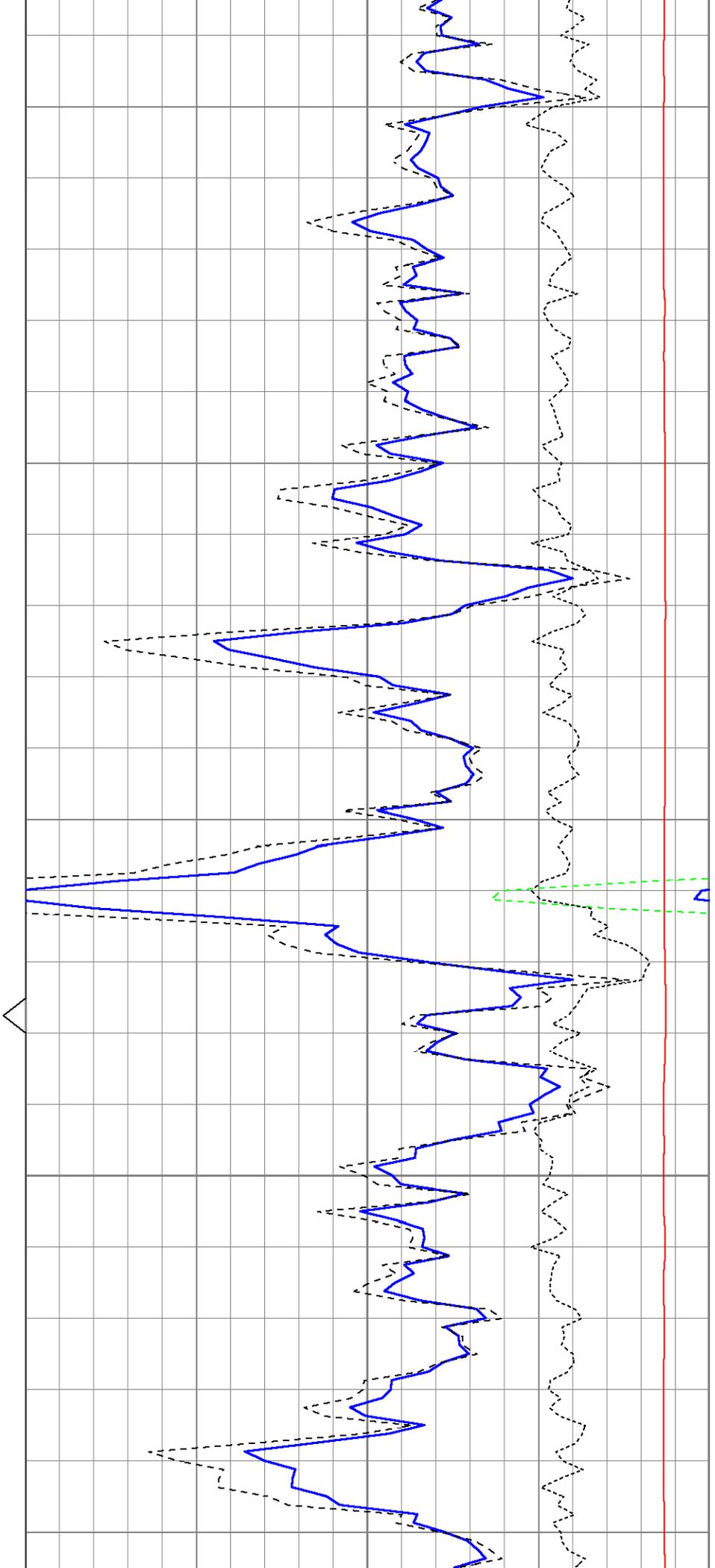
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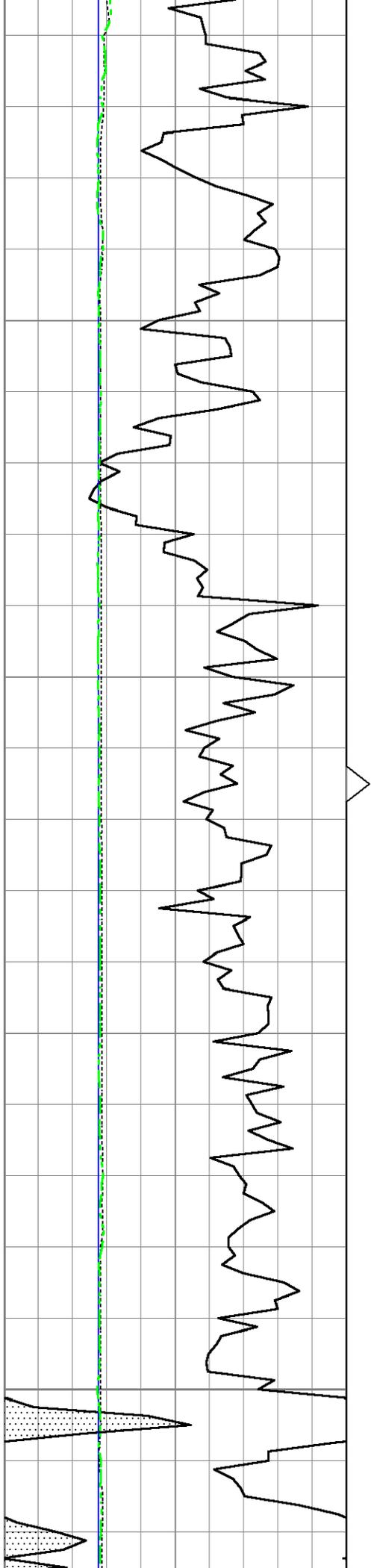
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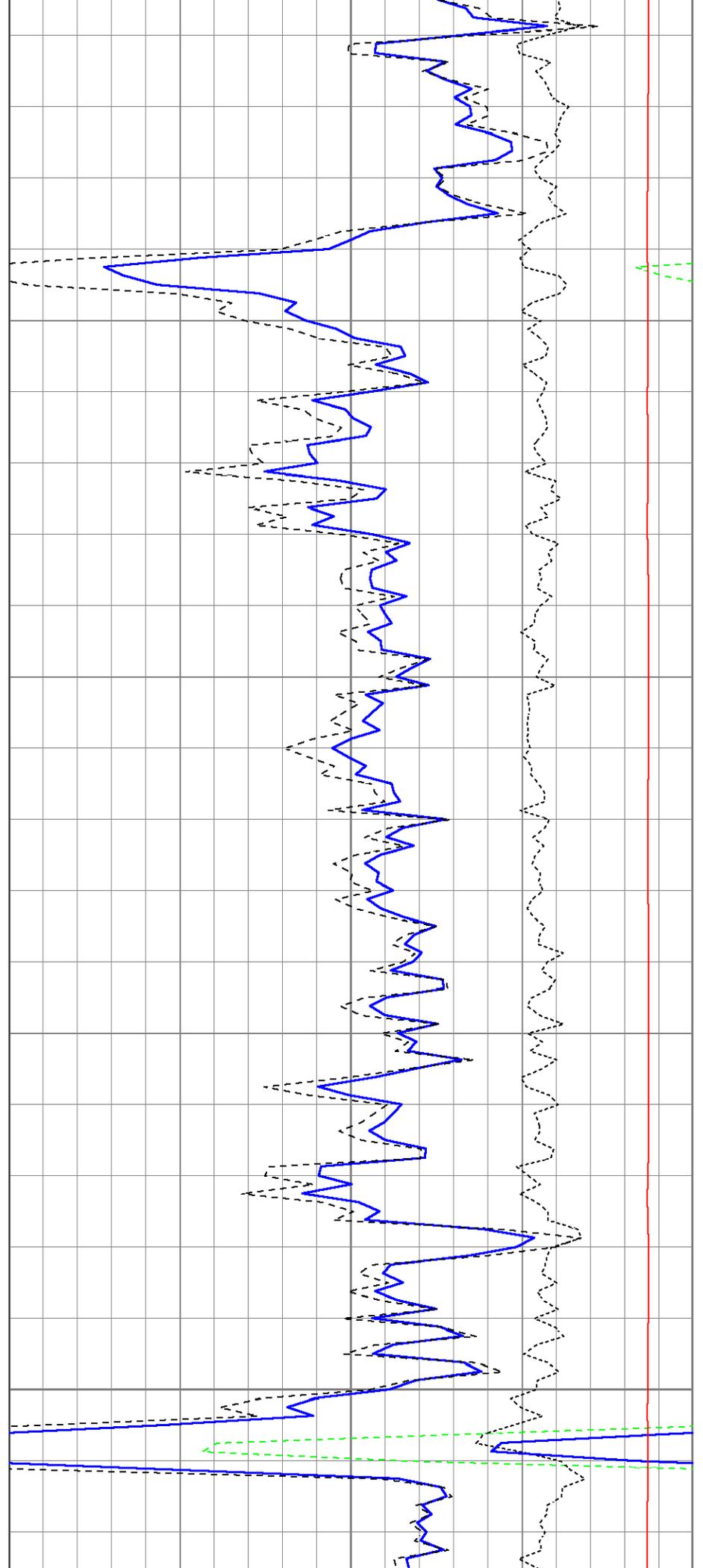


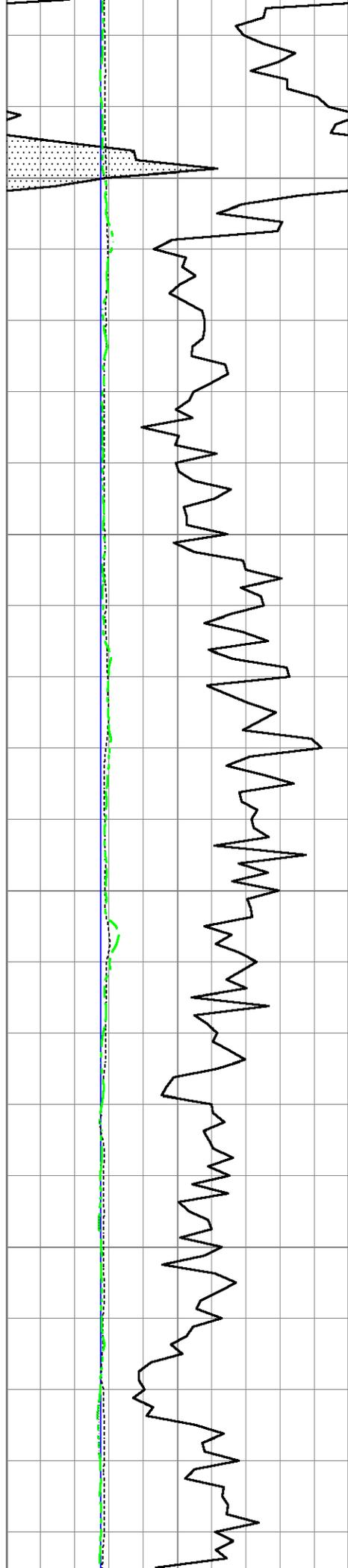
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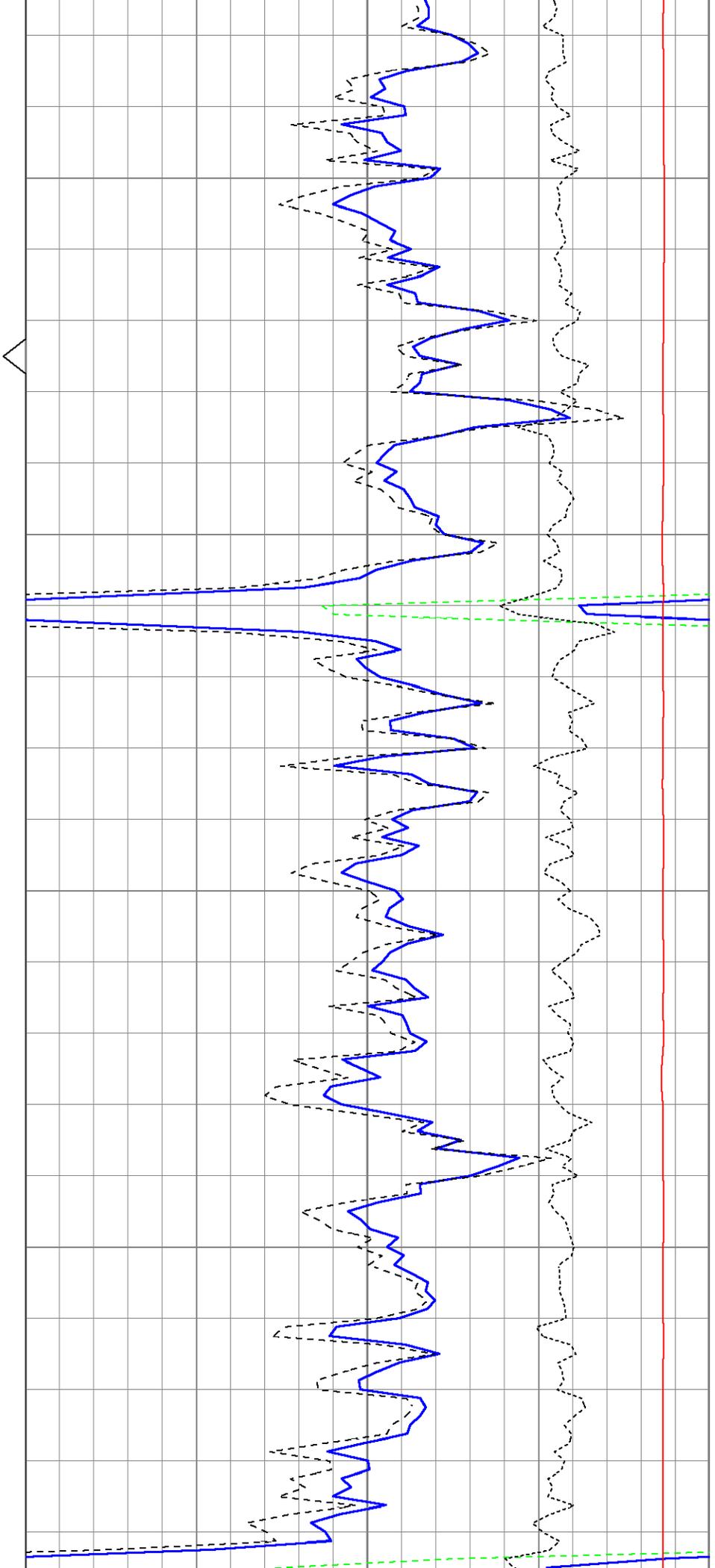


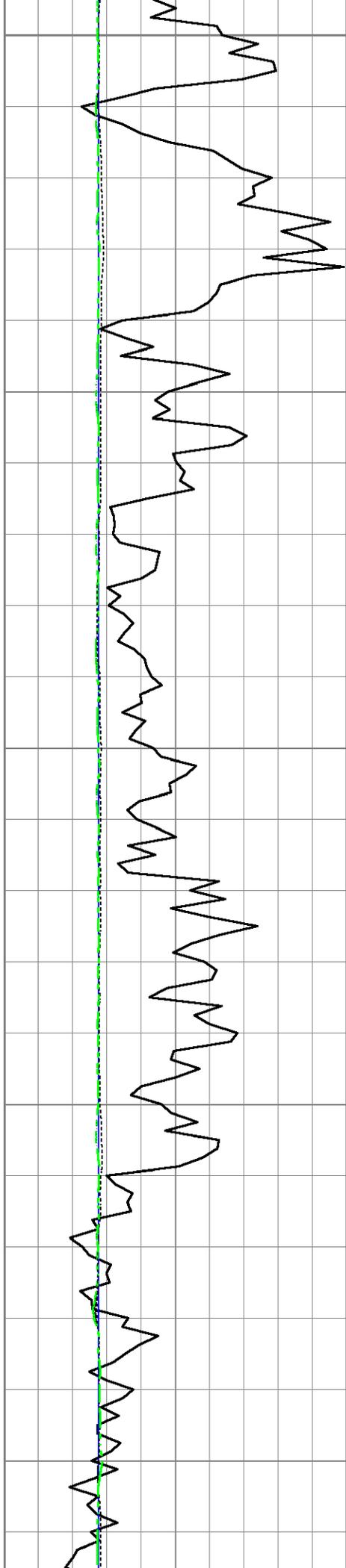
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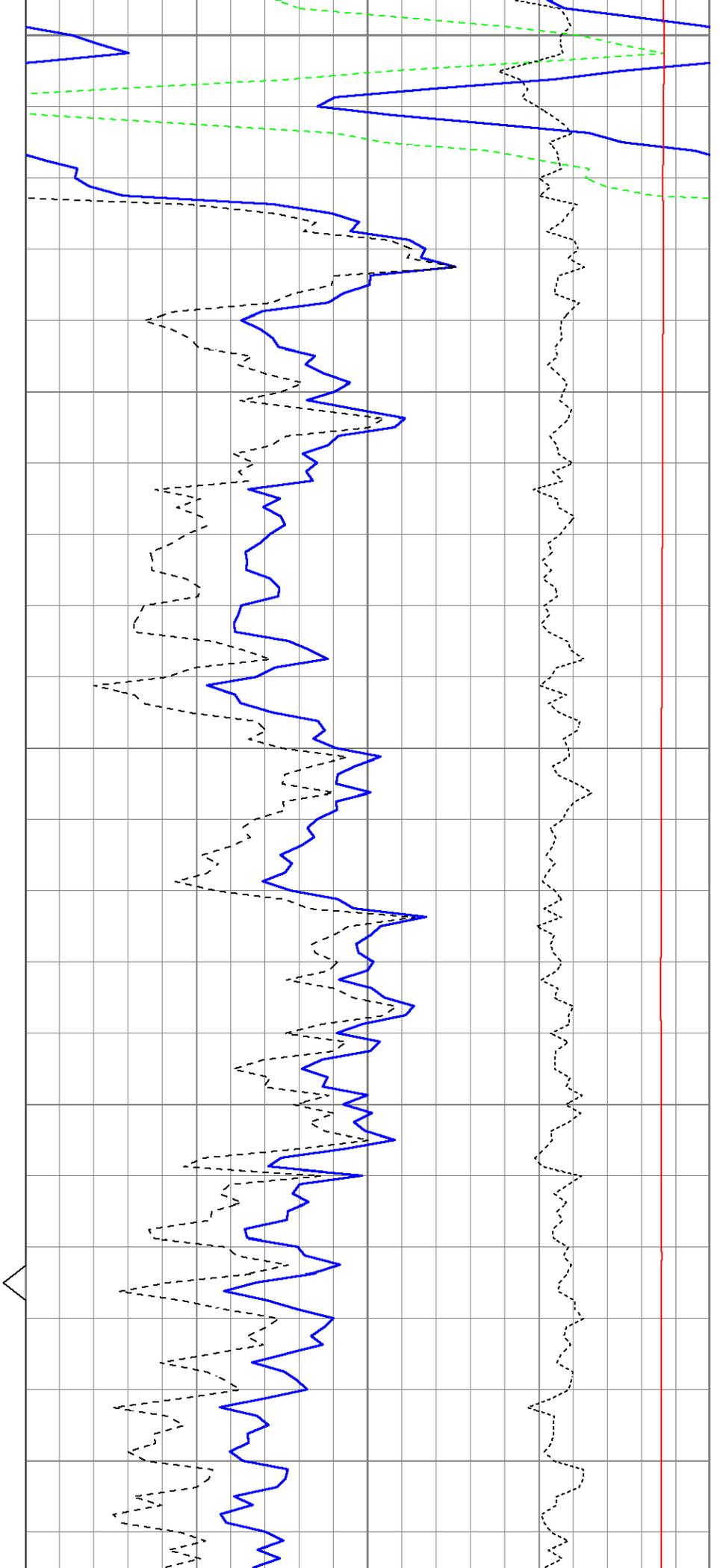
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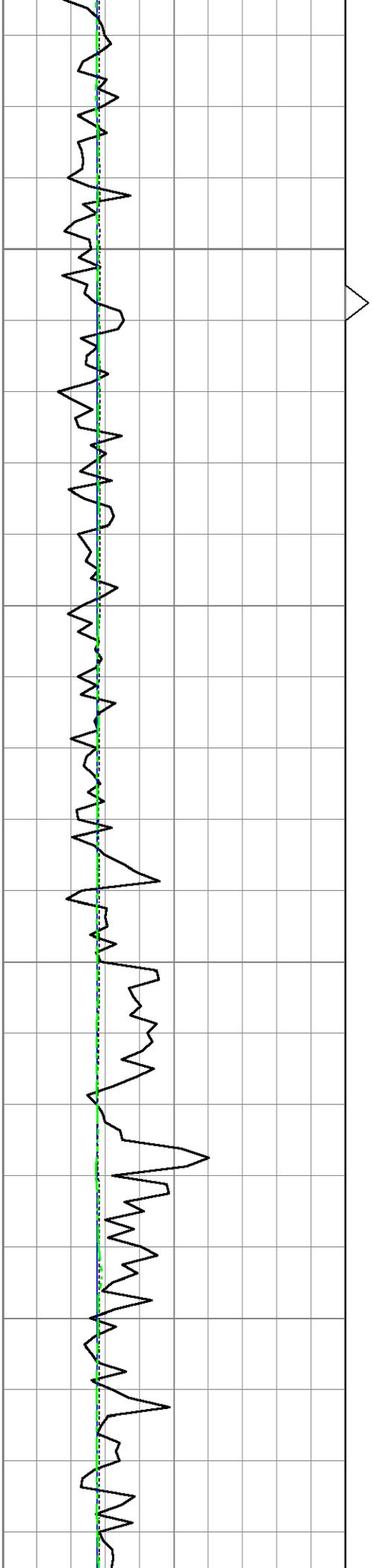
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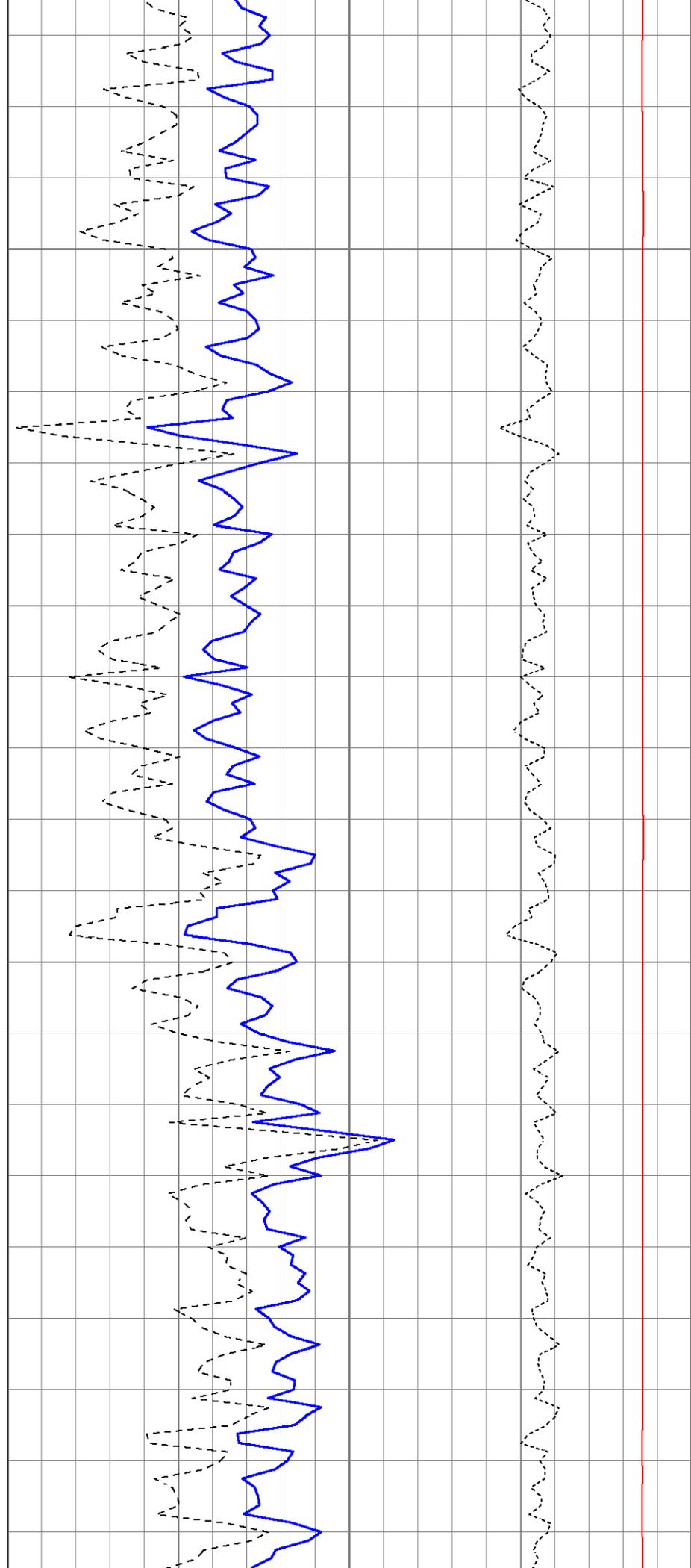


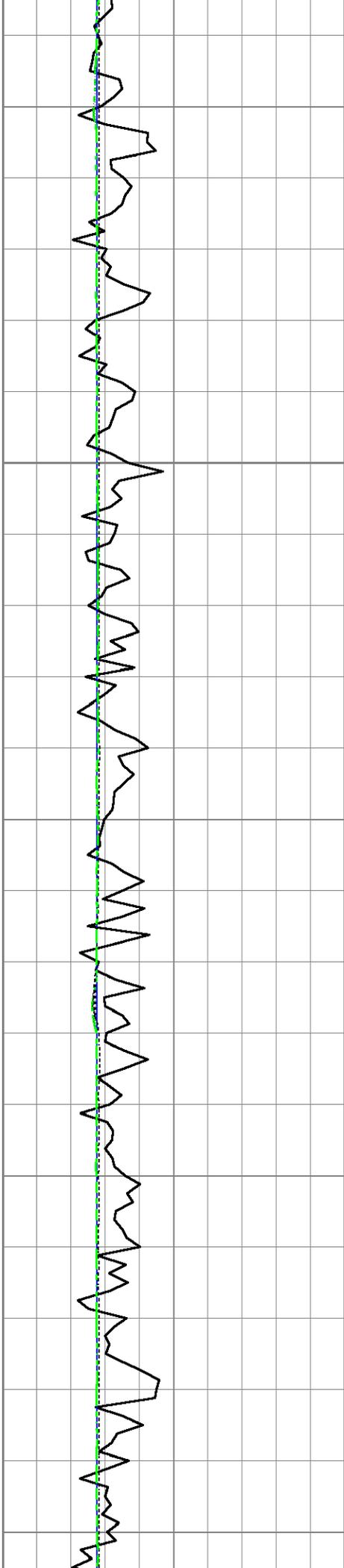
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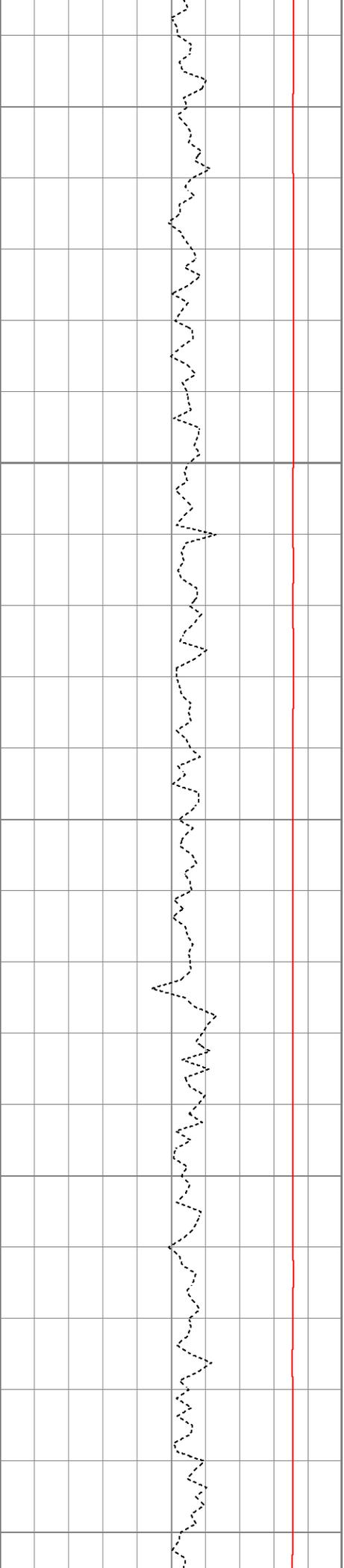
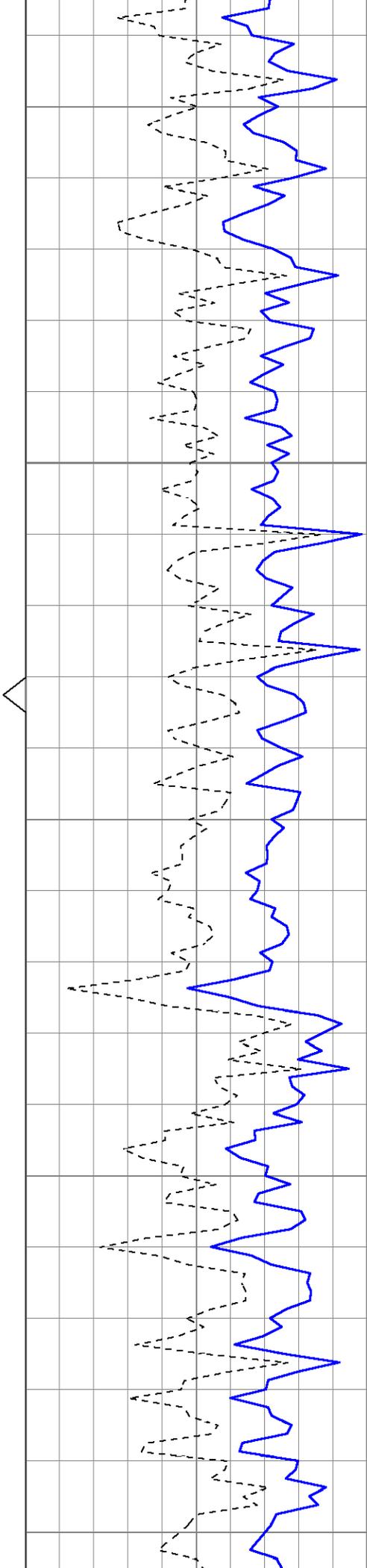
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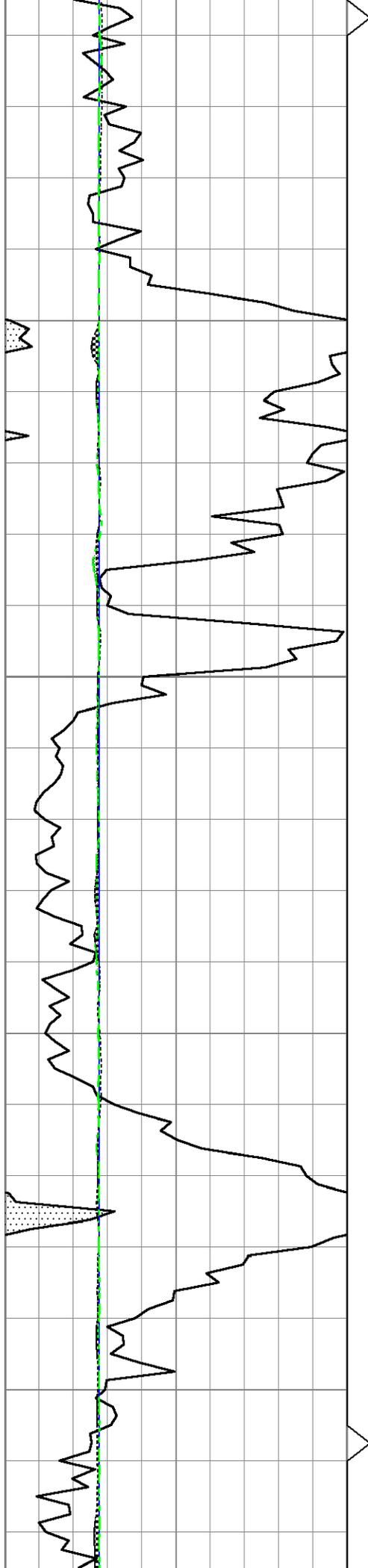
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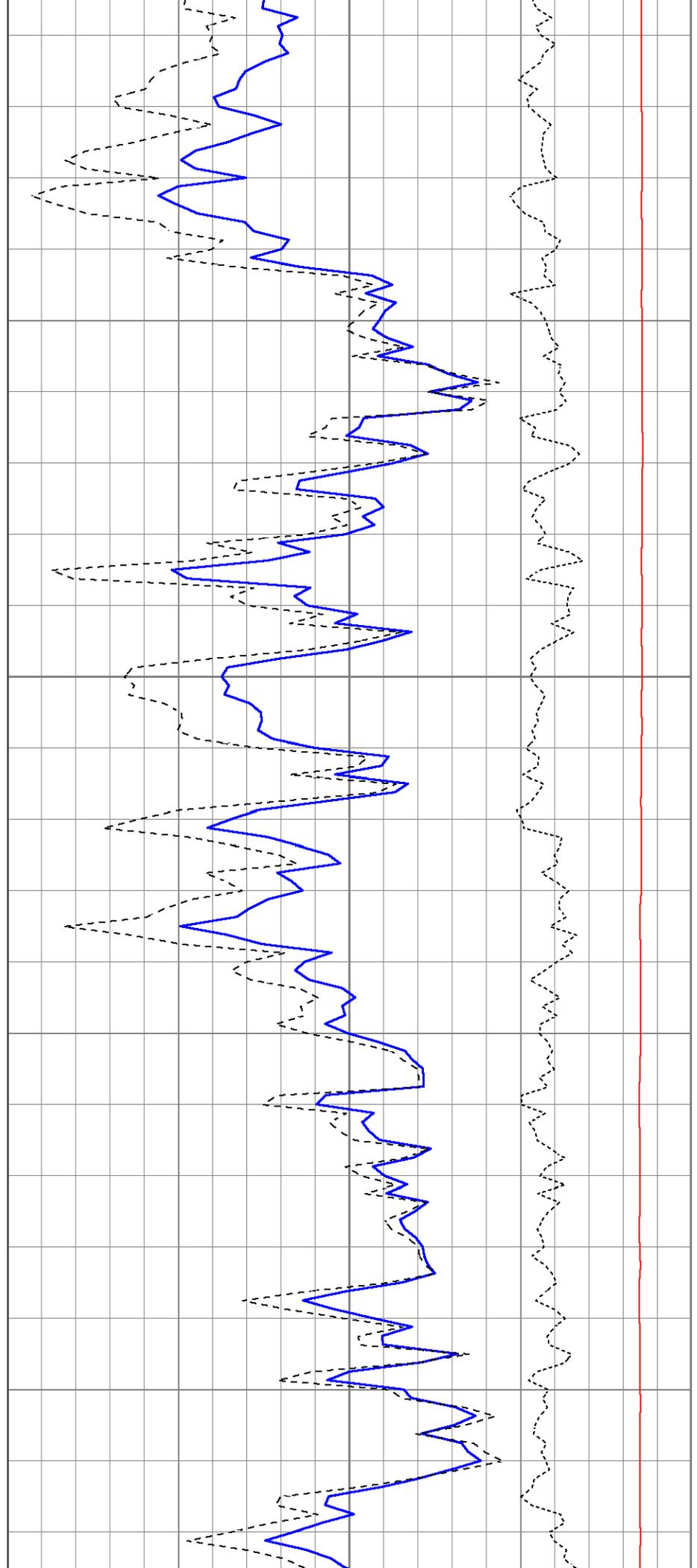


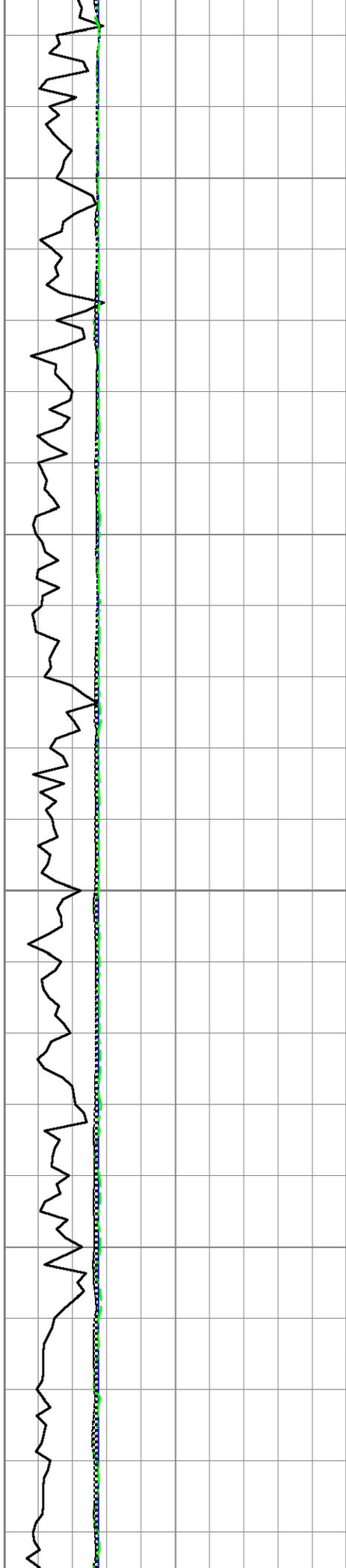
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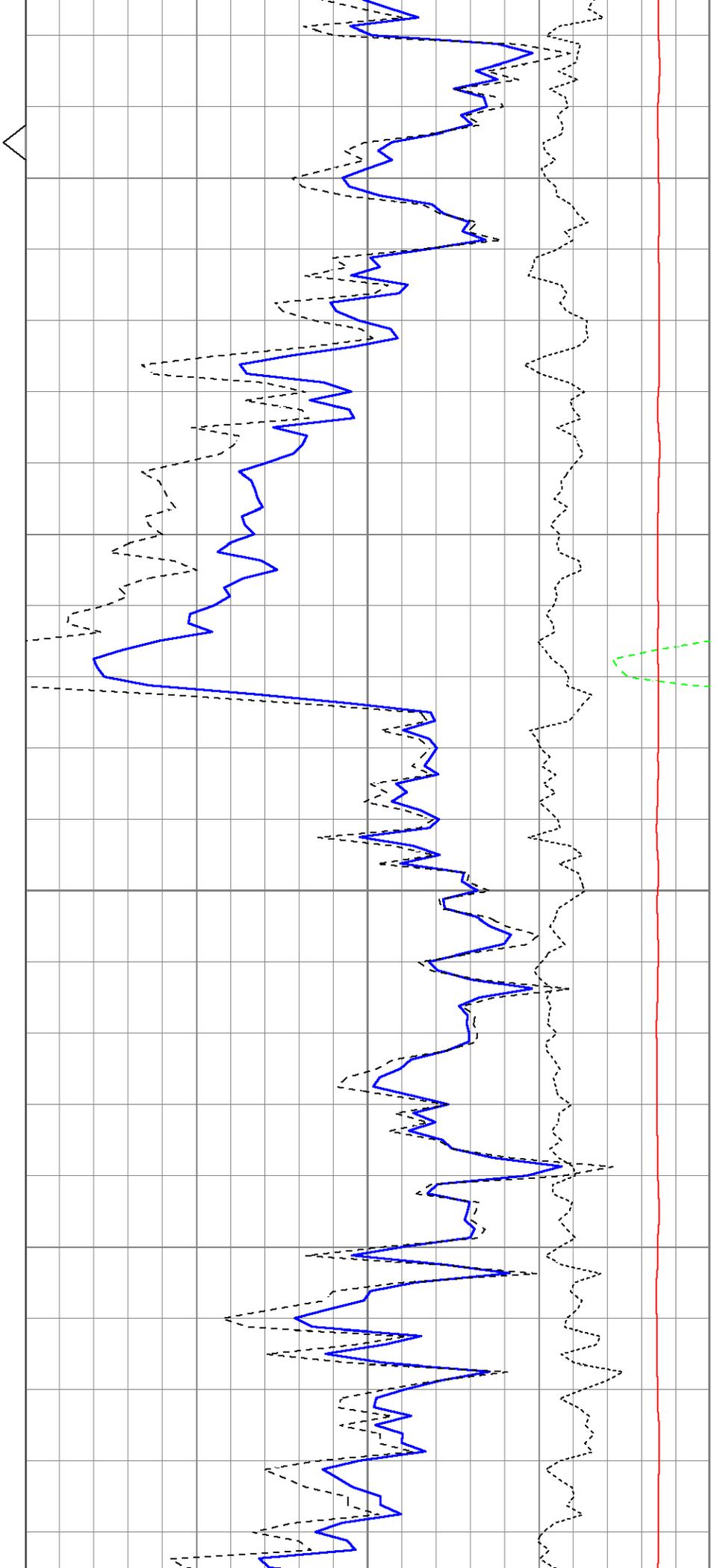


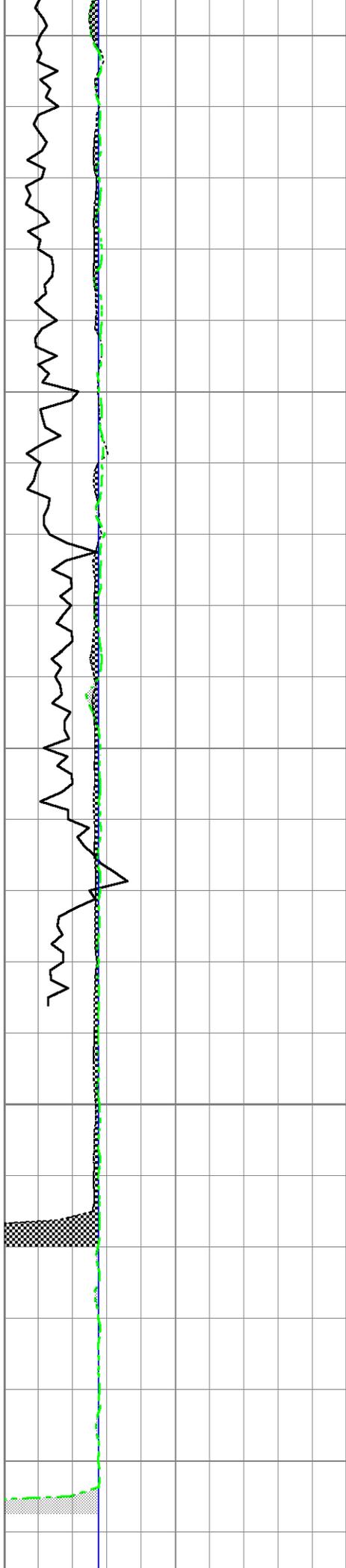
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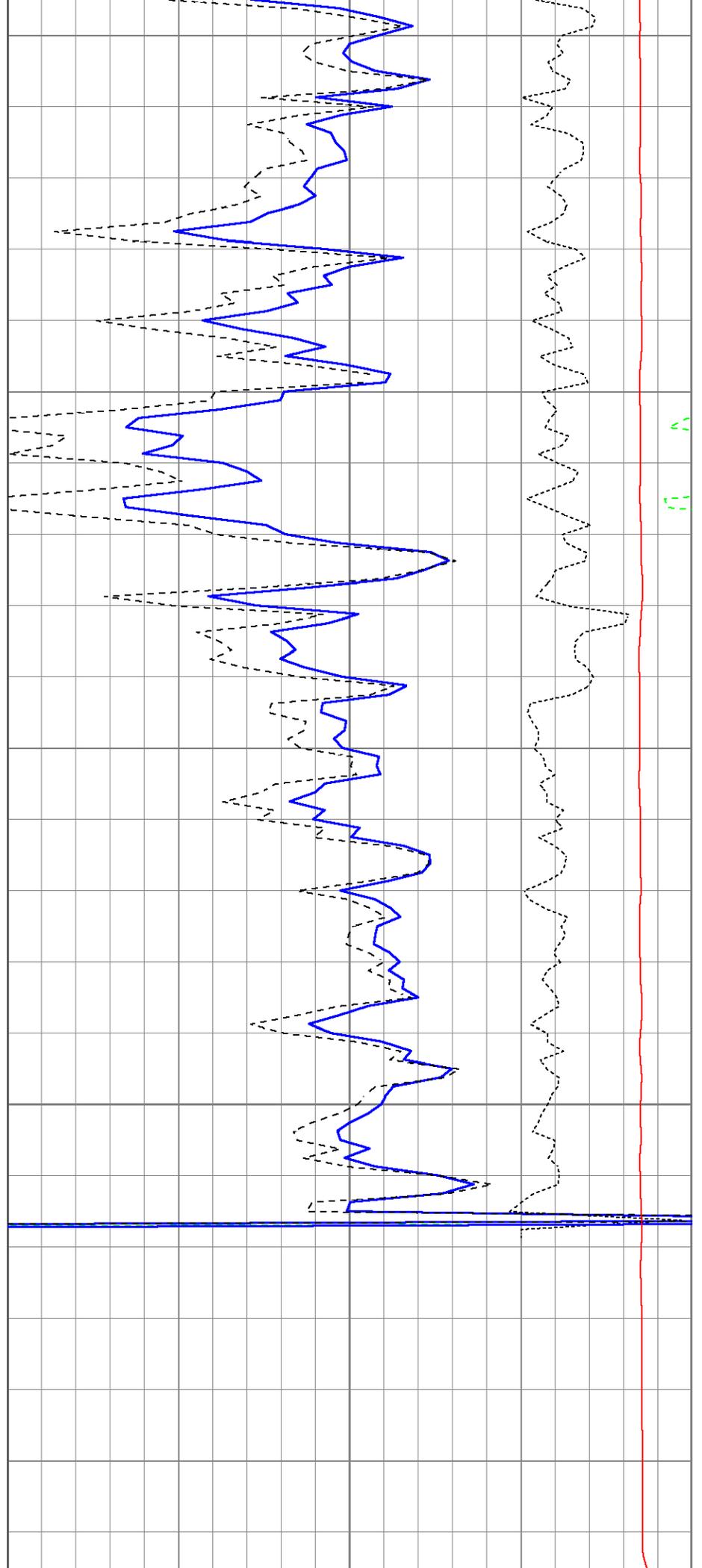
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0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14			-0.5 Correction (g/cc)	0.5
4	Neutron Caliper (in)	14			5000 Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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					
SCAL	2.54		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15					
NEU	2.15					

Dataset: ow2-8955 cherokee wells.db: field/well/CDL/pass1
 Total length: 18.15 ft
 Total weight: 495.00 lb
 O.D.: 4.00 in