



Compensated Neutron Gamma Ray Casing Collar Log

Company Caerus Piceance LLC.					
Well BJU B26 FED 13A-26-496					
Field Grand Valley					
County Garfield					
State Colorado Country USA					
<div style="float: right;"> Company Caerus Piceance LLC. Well BJU B26 FED 13A-26-496 Field Grand Valley County Garfield State Colorado Country USA </div>					
Location: API # : 05-045-24432					
Other Services					
RCBL					
SEC 26 TWP 4S RGE 96W					
Permanent Datum Ground Level Elevation 8211'					
Log Measured From Kelly Bushing					
Drilling Measured From Kelly Bushing					
Date	22-DEC-2022				
Run Number	One				
Depth Driller	12027 FT				
Depth Logger	11896 FT				
Bottom Logged Interval	11883 FT				
Top Log Interval	7500 FT				
Open Hole Size	8.750"				
Type Fluid	Fresh Water				
Density / Viscosity	8.34 lb/gal				
Max. Recorded Temp.	---				
Estimated Cement Top	---				
Time Well Ready	ROA				
Time Logger on Bottom	16:00				
Equipment Number	8045				
Location	Grand Junction, Co.				
Recorded By	A.Ellsworth				
Witnessed By	Z. Fisher				
Borehole Record					
Run Number	Bit	From	To	Size	Tubing Record
	8.75"	Surface	12027'		Weight
					From
					To
Casing Record	Size	Wgt/Ft	Top	Bottom	
Surface String	9.625"	36	Surface	2996 FT	
Prot. String	4.5"	11.6	Surface	12008 FT	
Production String					
Liner					

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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

Log ran as per customer request.
Depth referenced to Kelly Bushing @ 30FT
Marker Joint from 8056 FT - 8066 FT
Log ran from 11896 FT to 7500 FT
Log ran with 0 PSI surface induced pressure.

Thank you for choosing The Wireline Group!!!



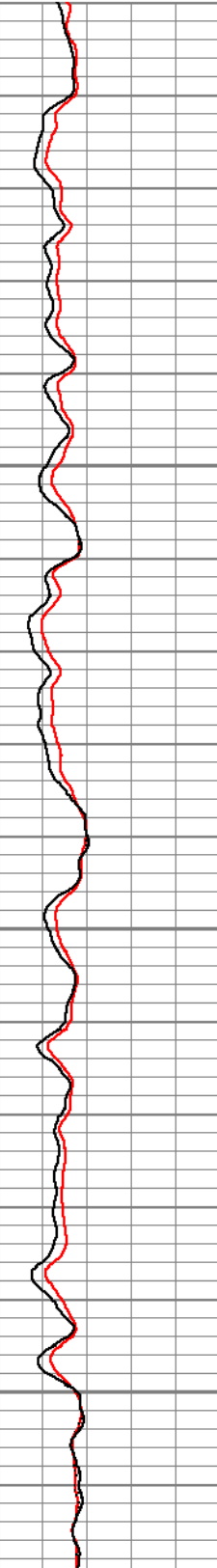
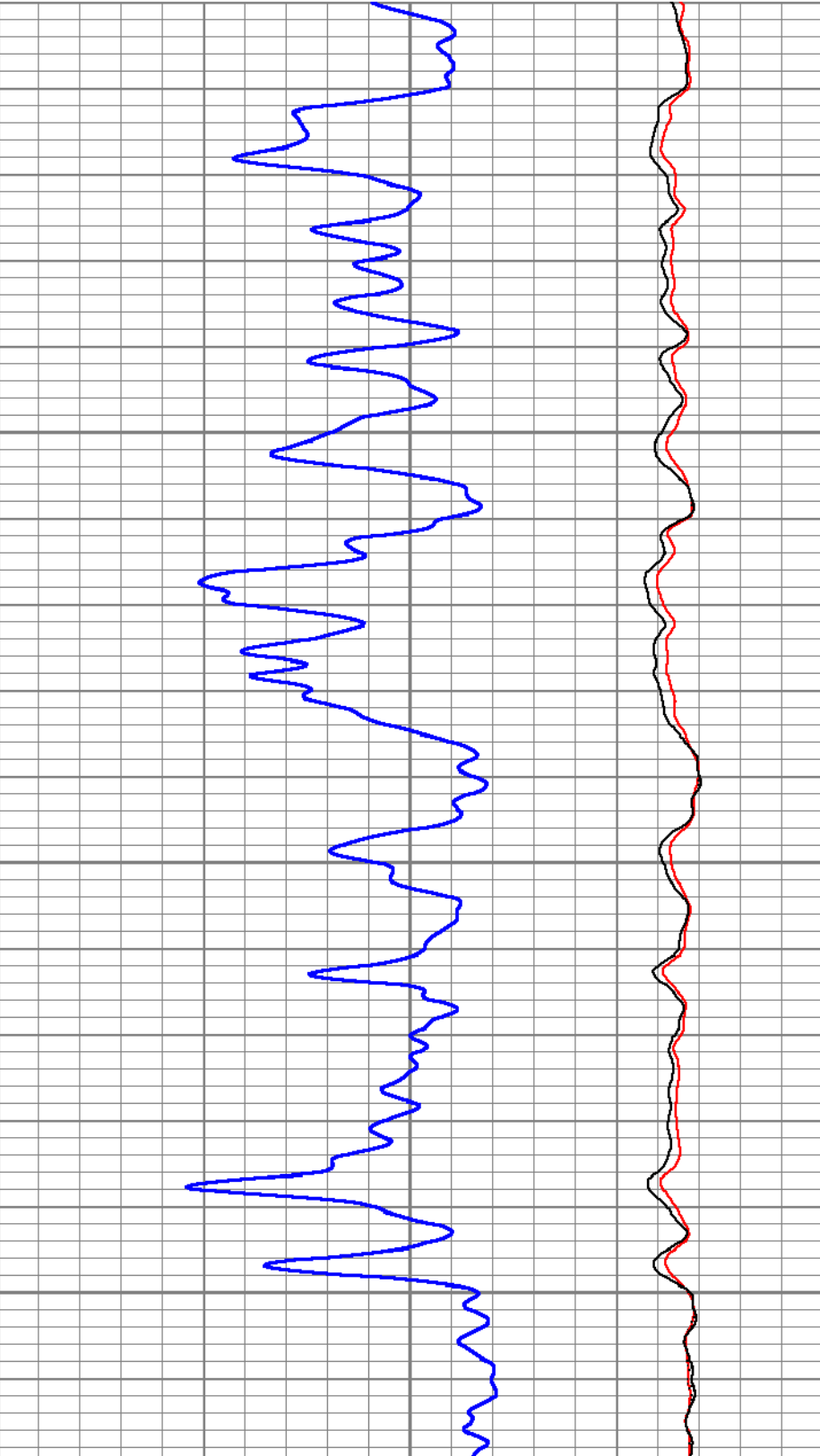
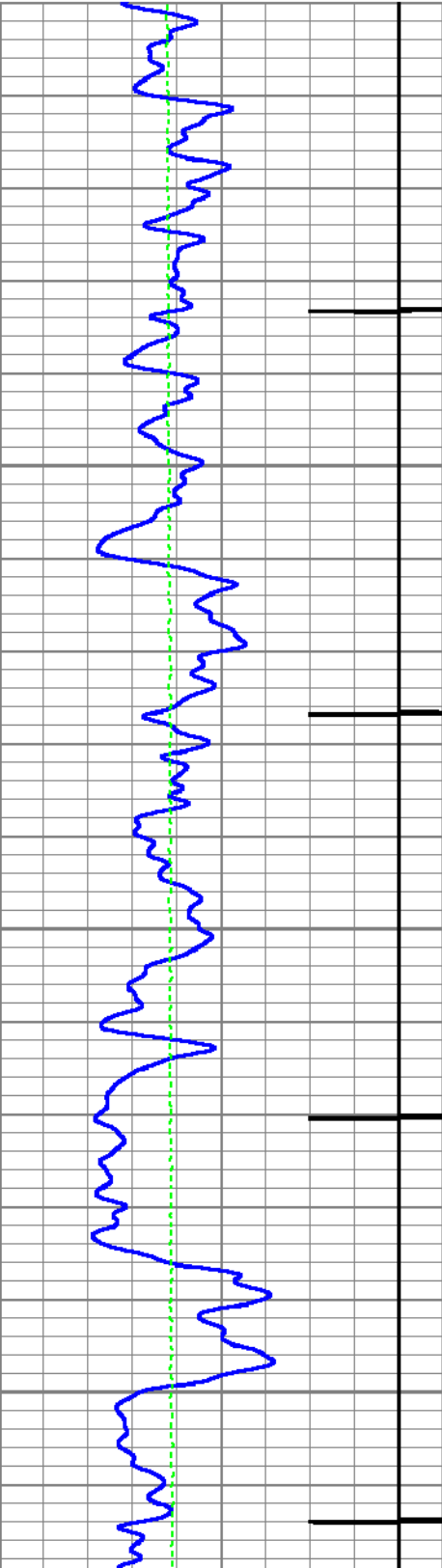
Main Pass 5" = 100'

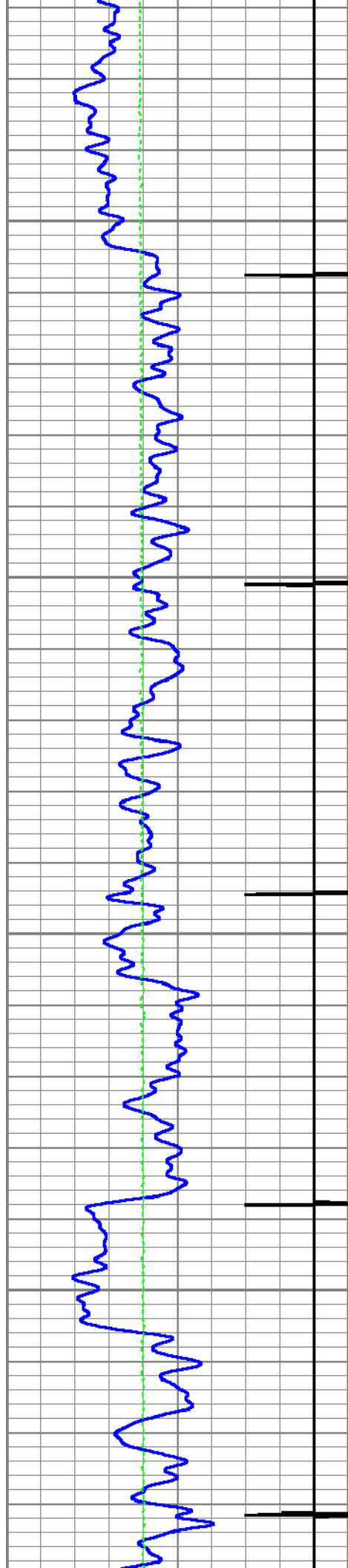
Database File caerus_bju b26 fed 13a-26-496_rcbl-cn1_12-22-2022.db
Dataset Pathname main
Presentation Format twg_cn1
Dataset Creation Thu Dec 22 16:14:37 2022
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	200
9	CCL	-1
0	Line Tension (lb)	4000

0.3	CNPOR (pu)	-0.1
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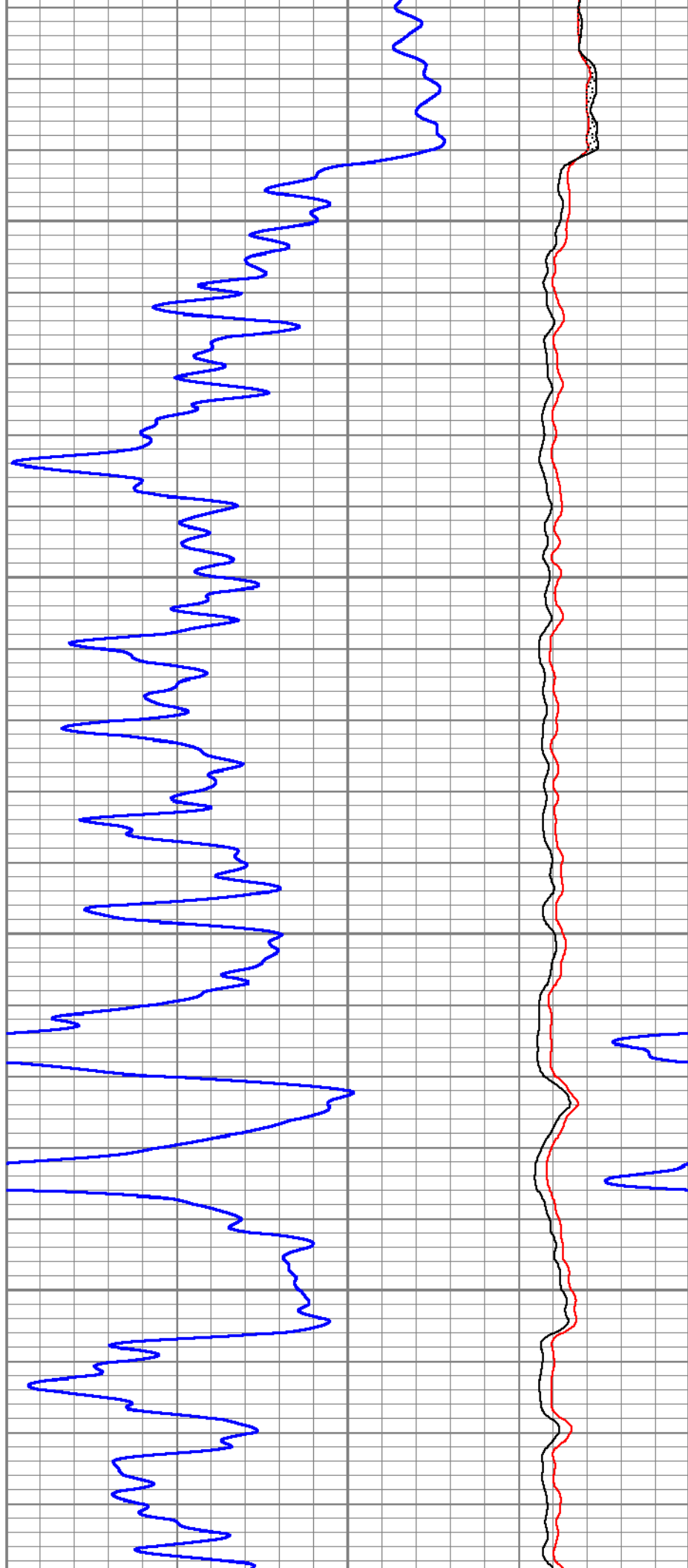
CNLSC
0 (cps) 1500
CNSSC
0 (cps) 7000

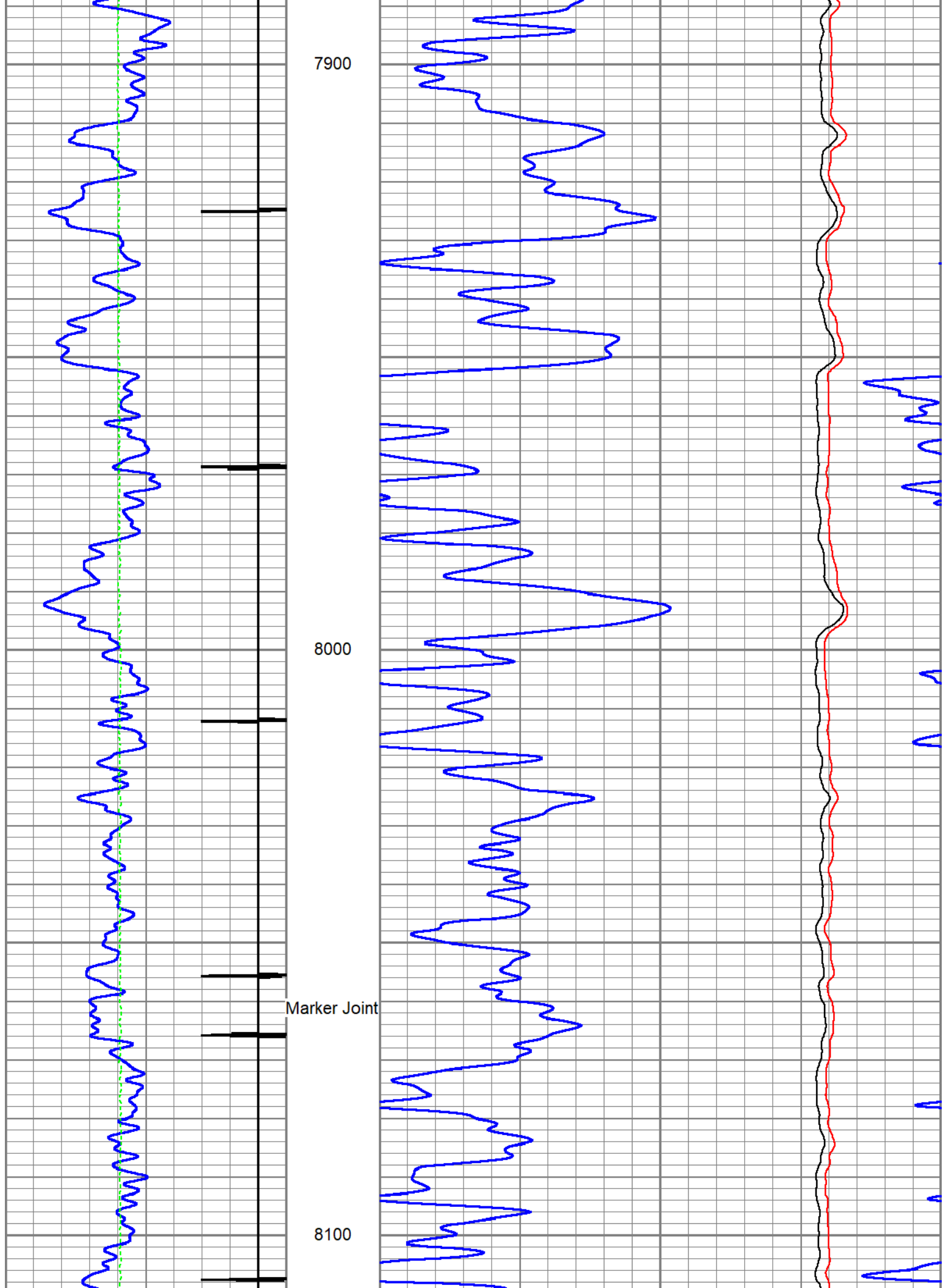


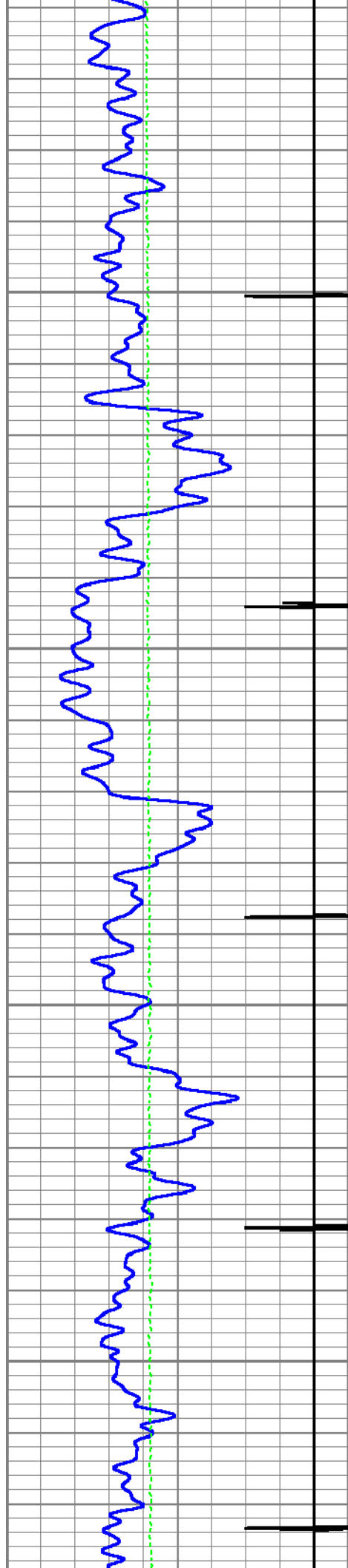


7700

7800

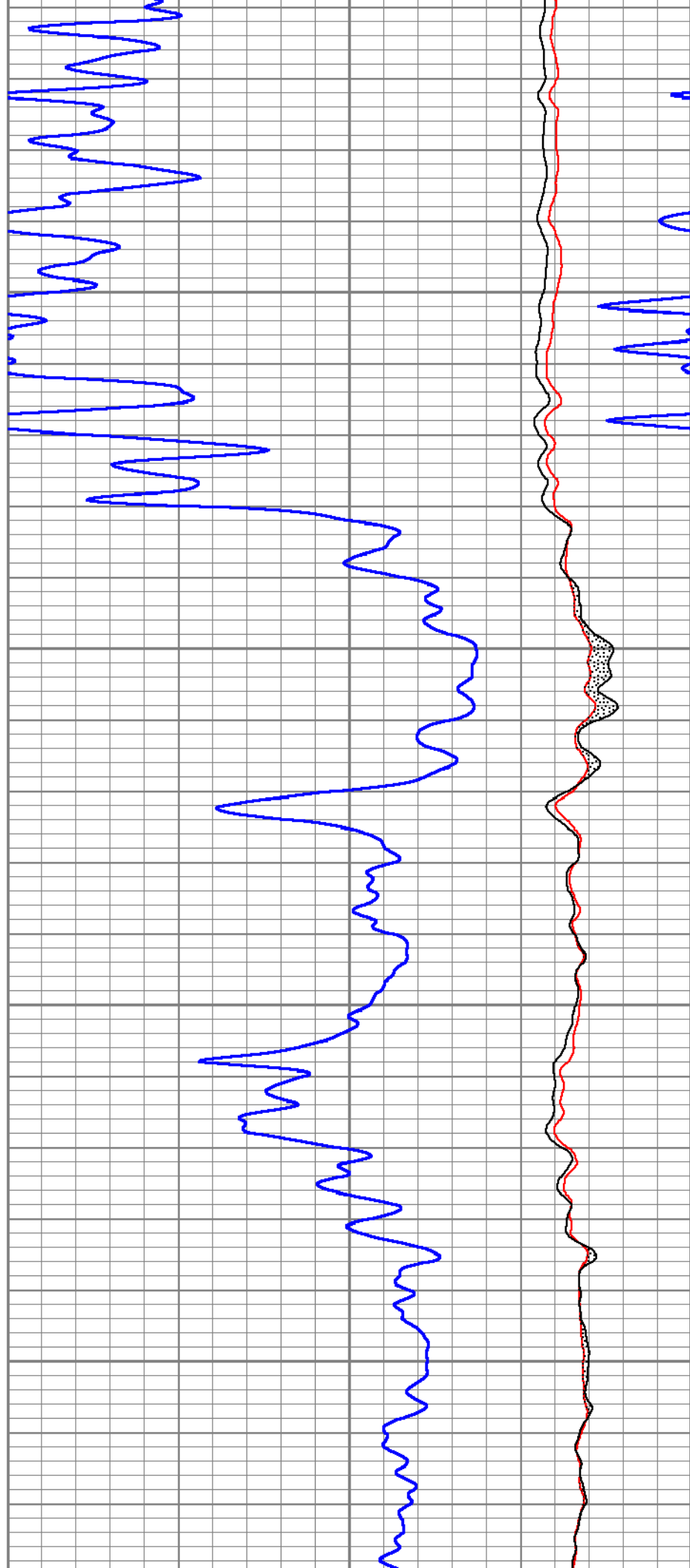


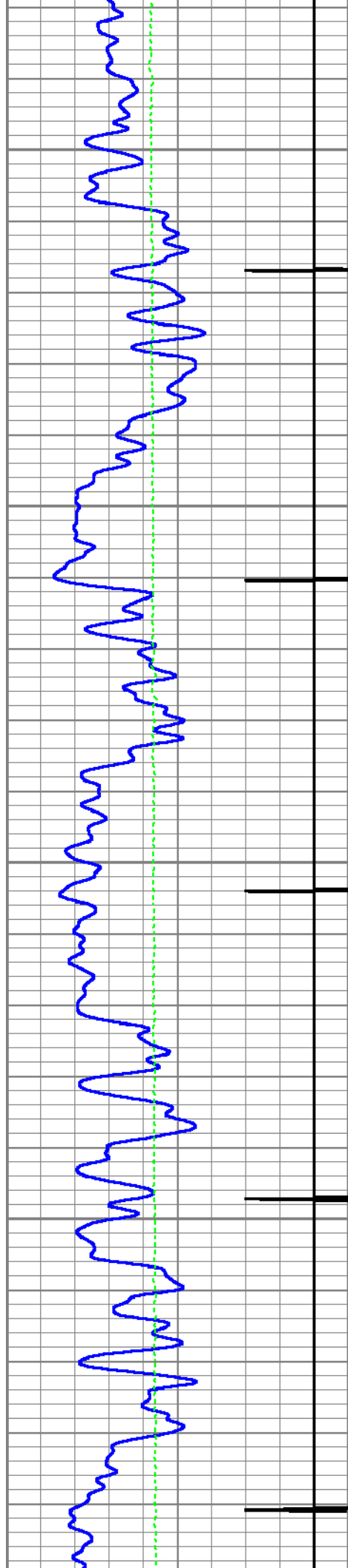




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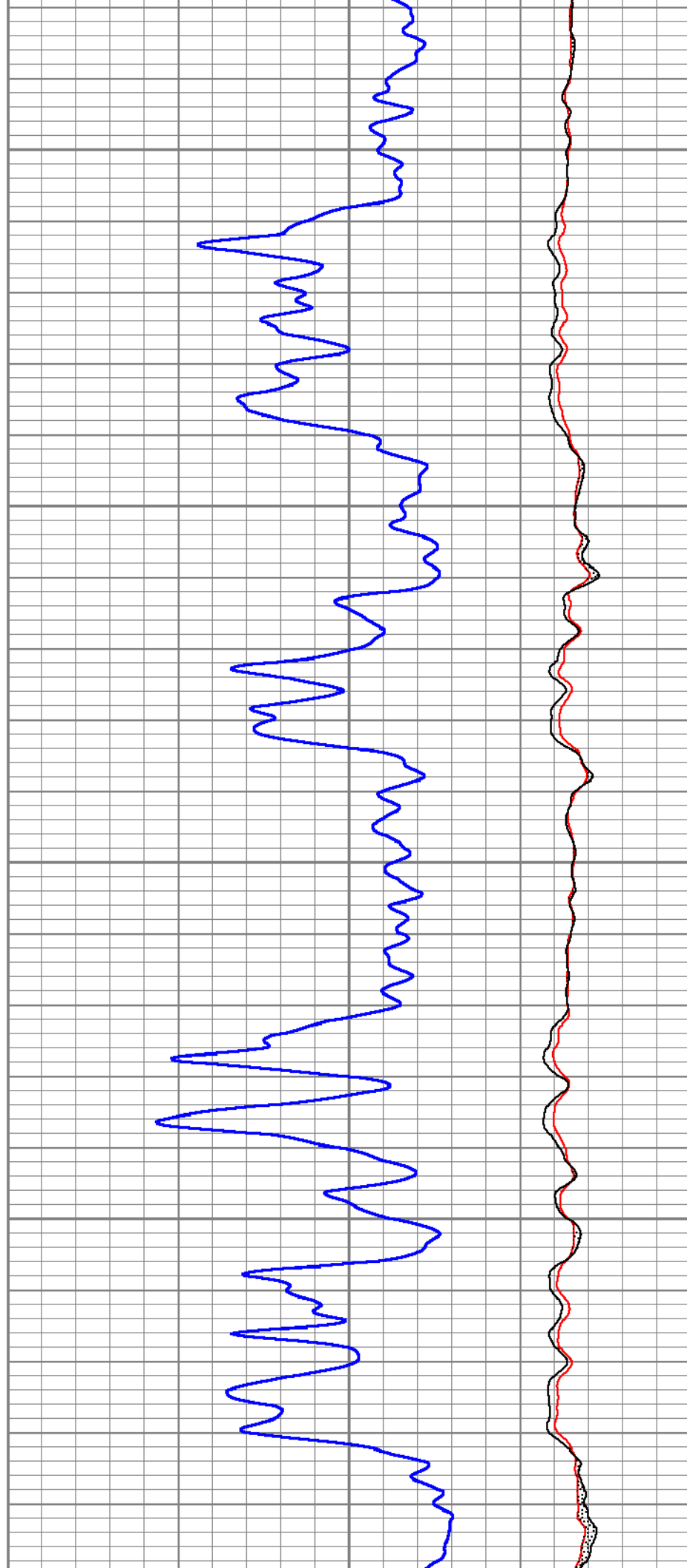
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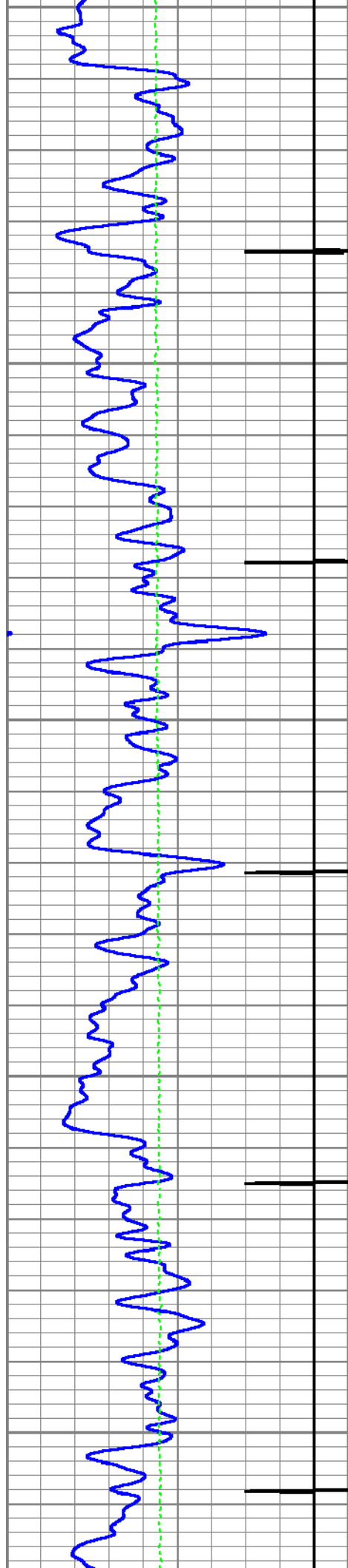




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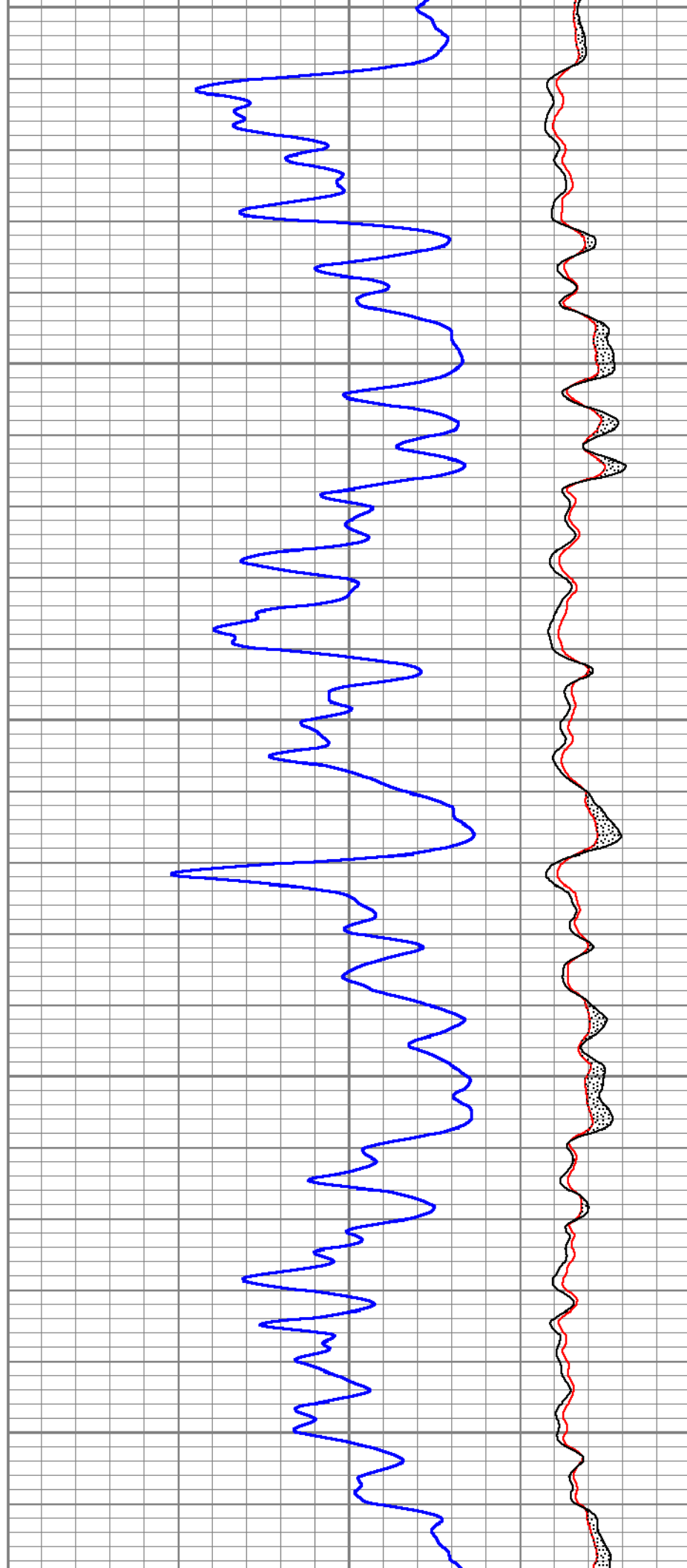
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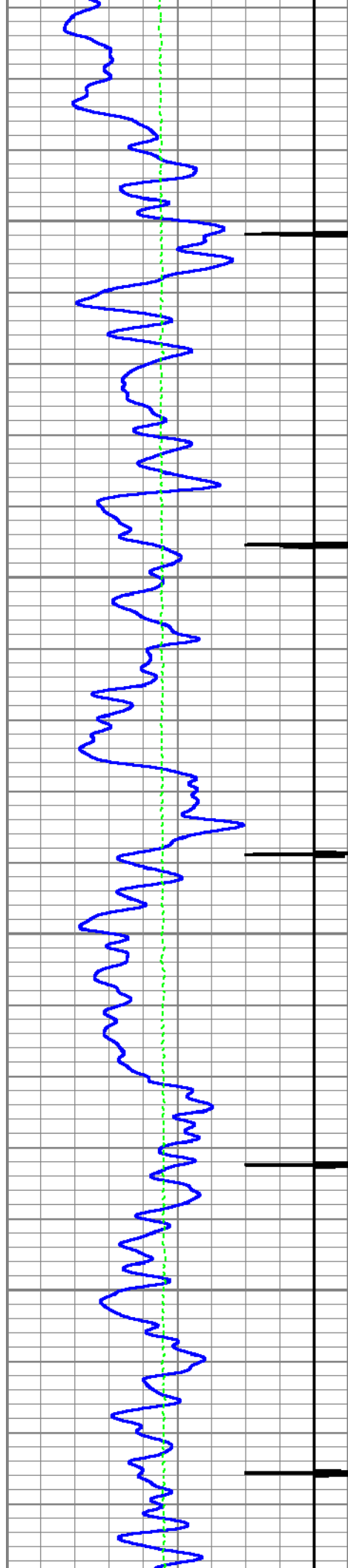




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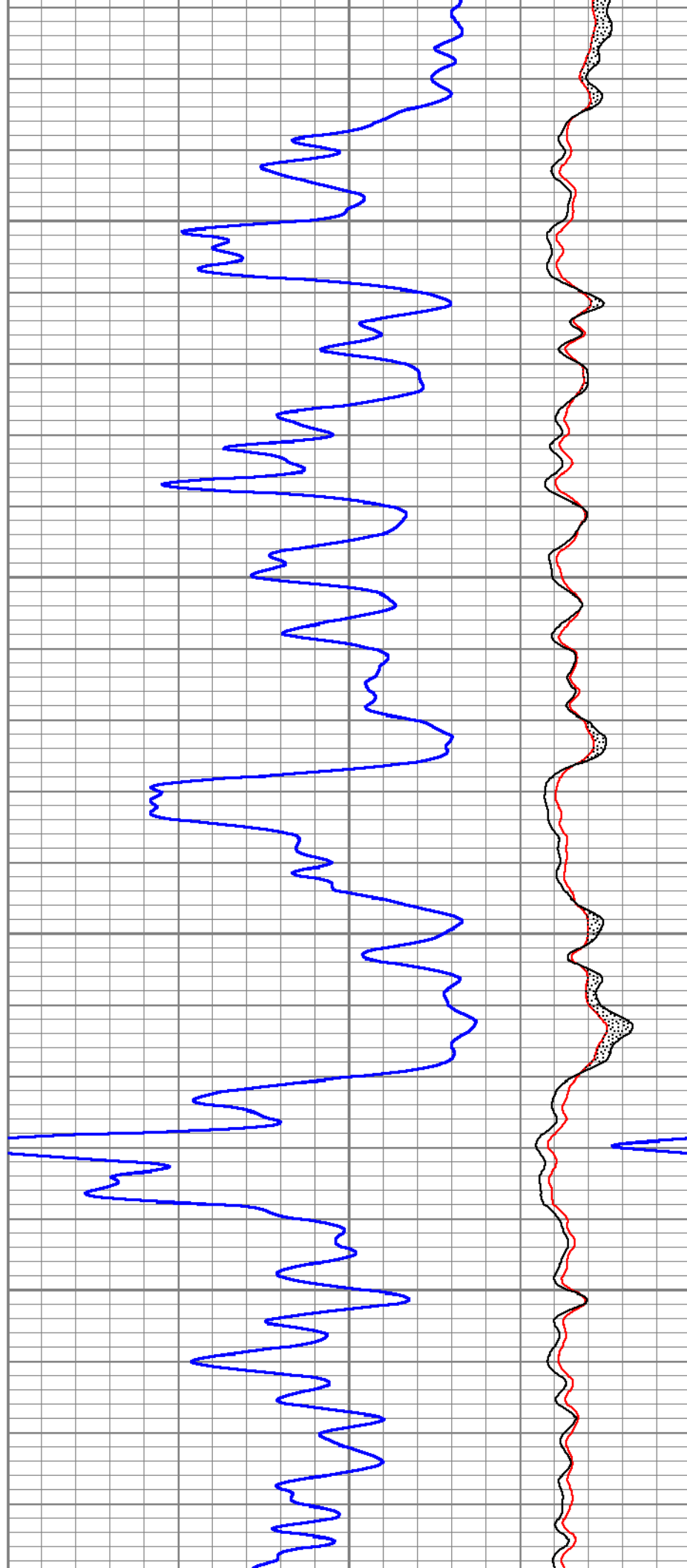
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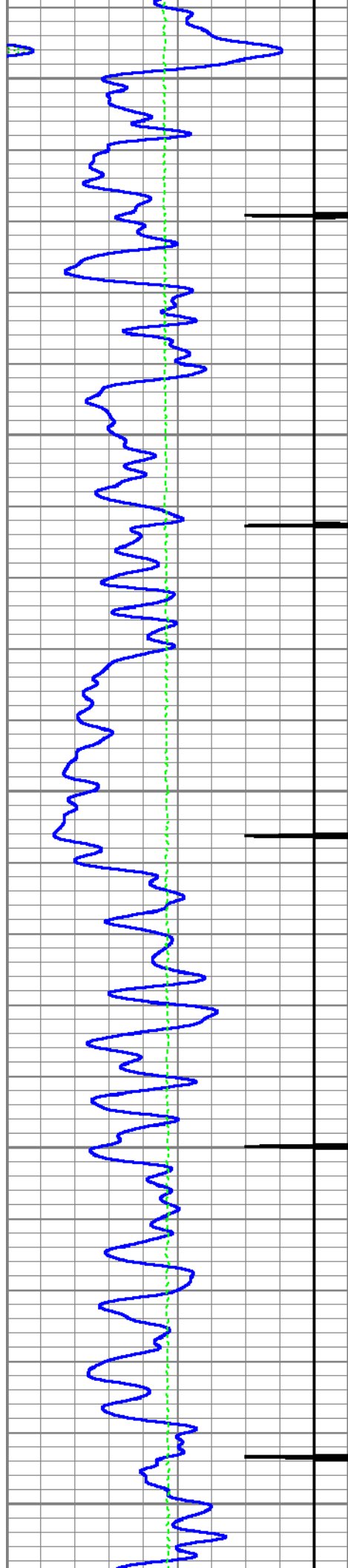




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8900

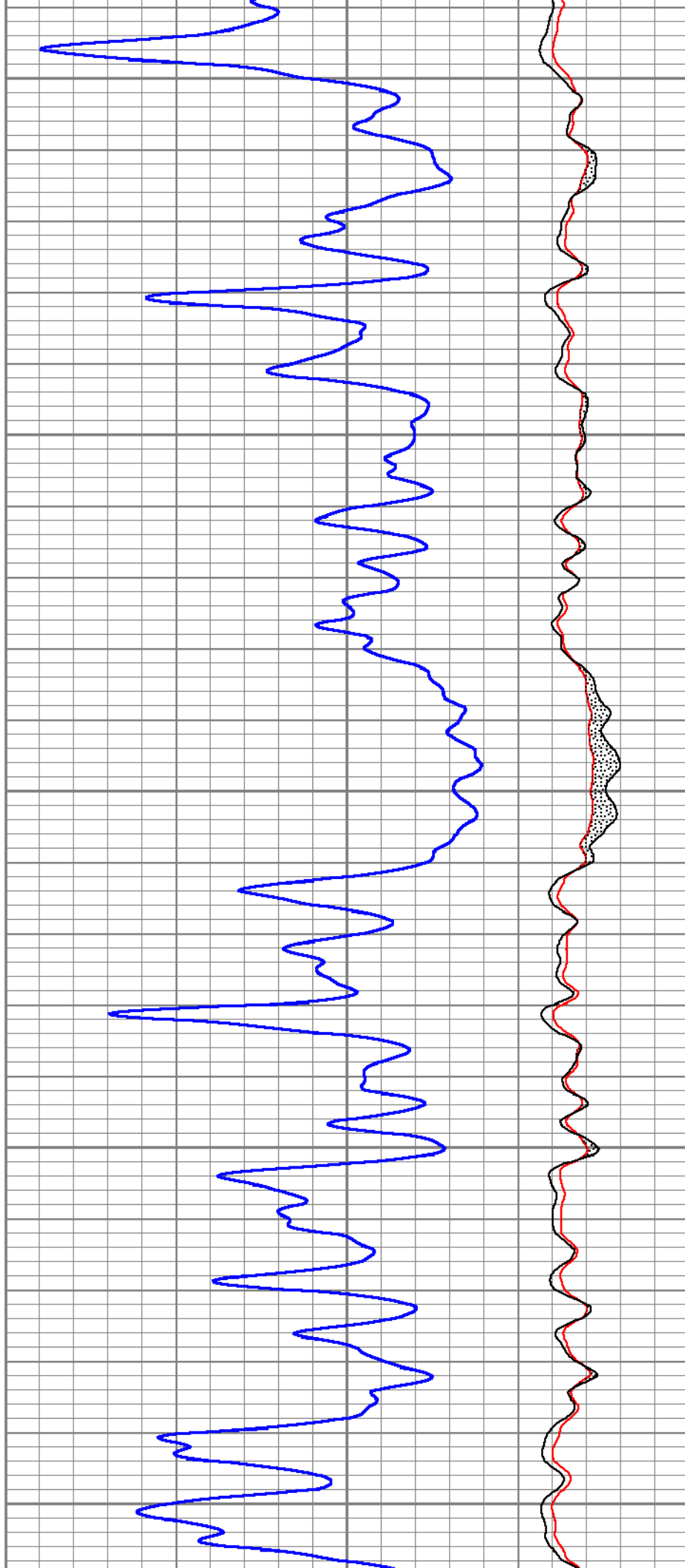


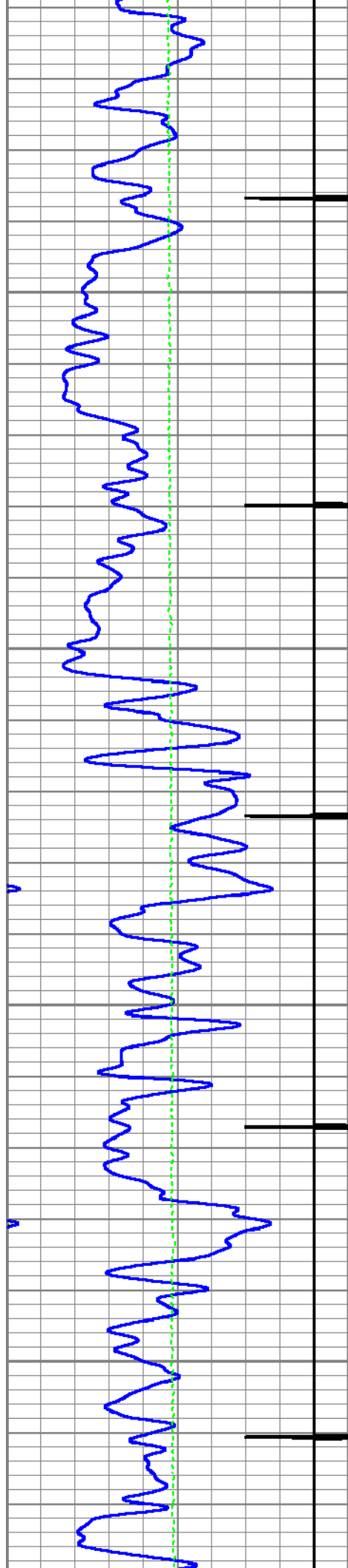


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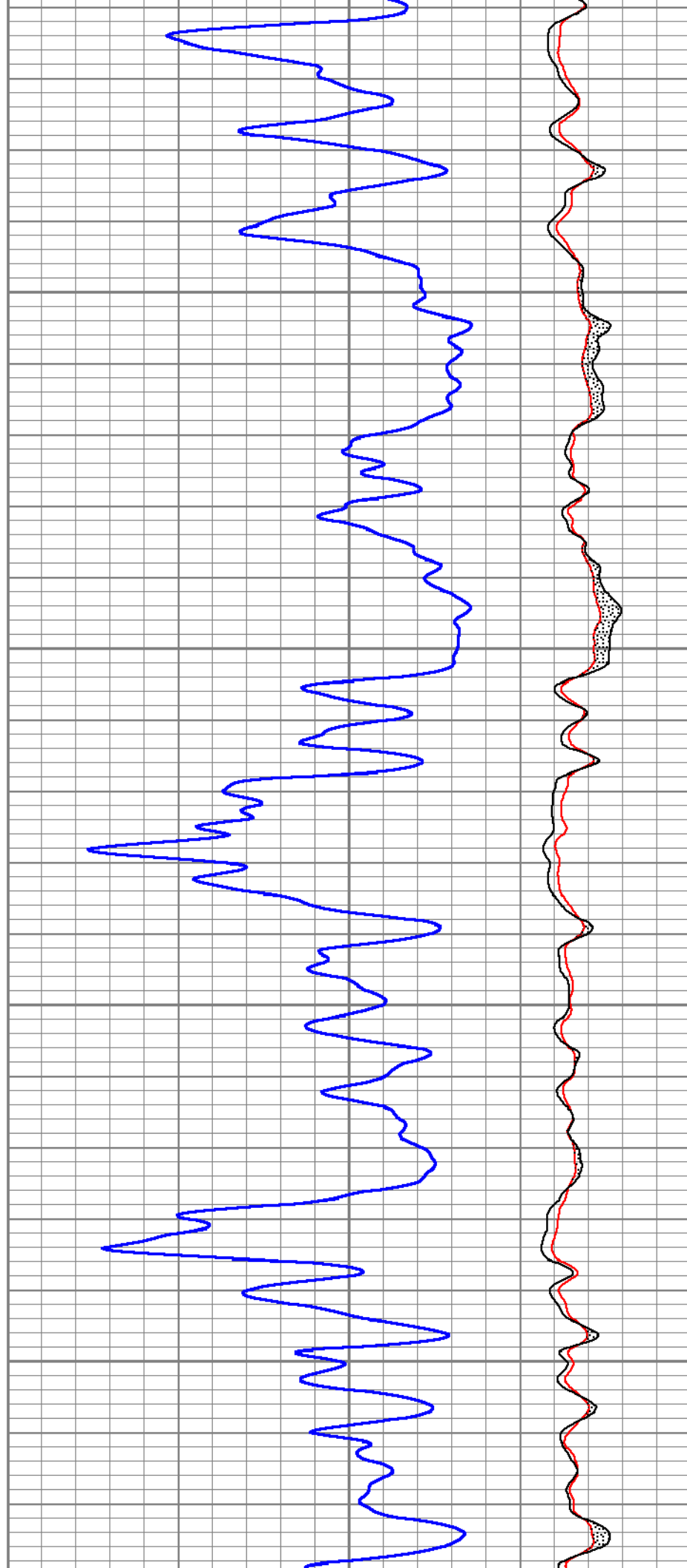
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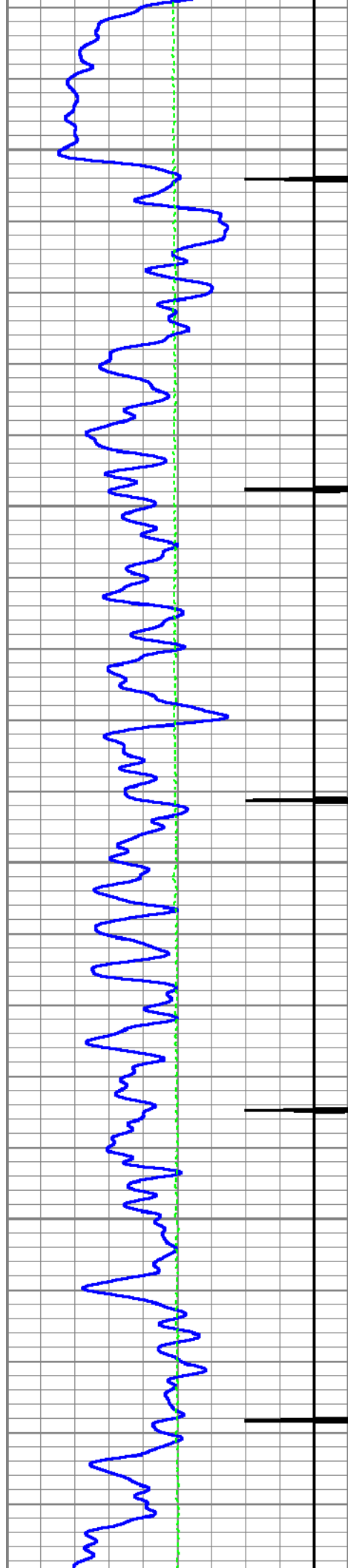




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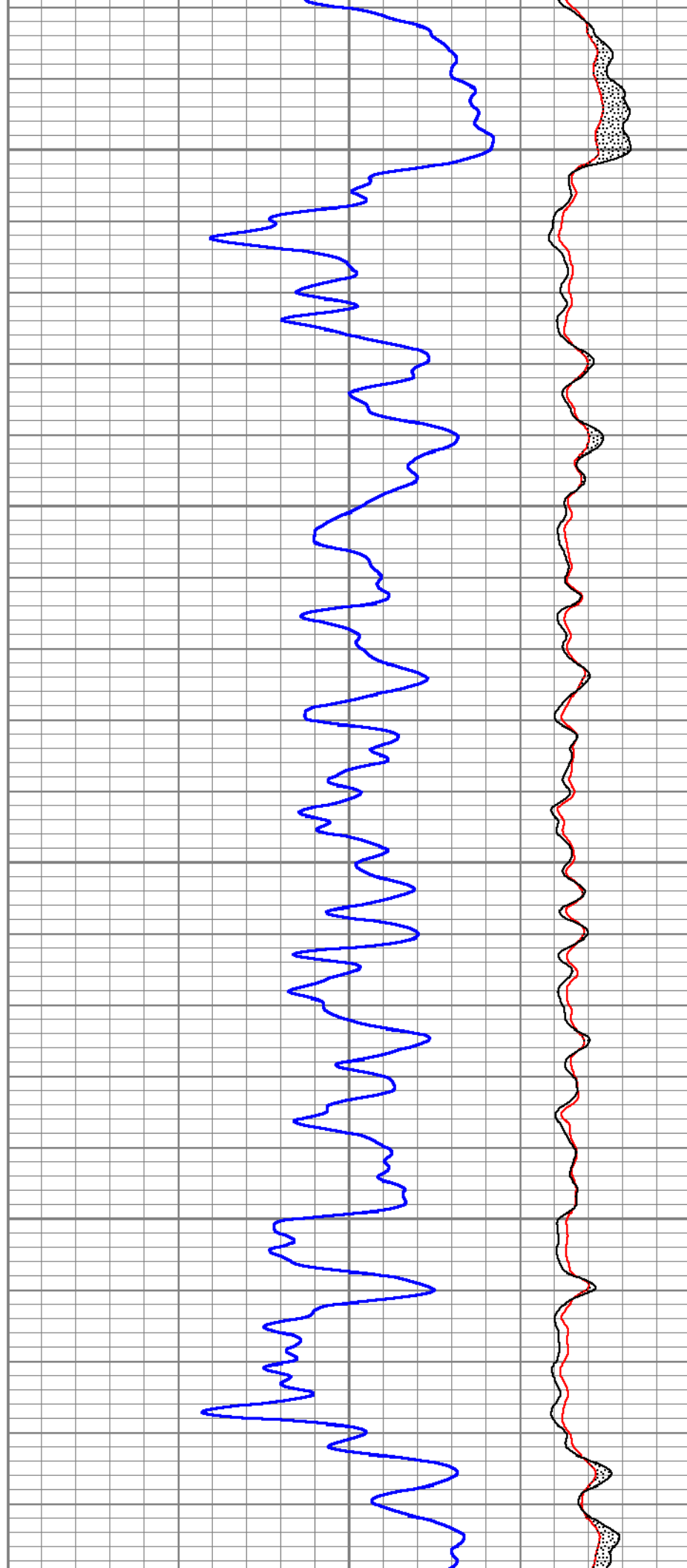
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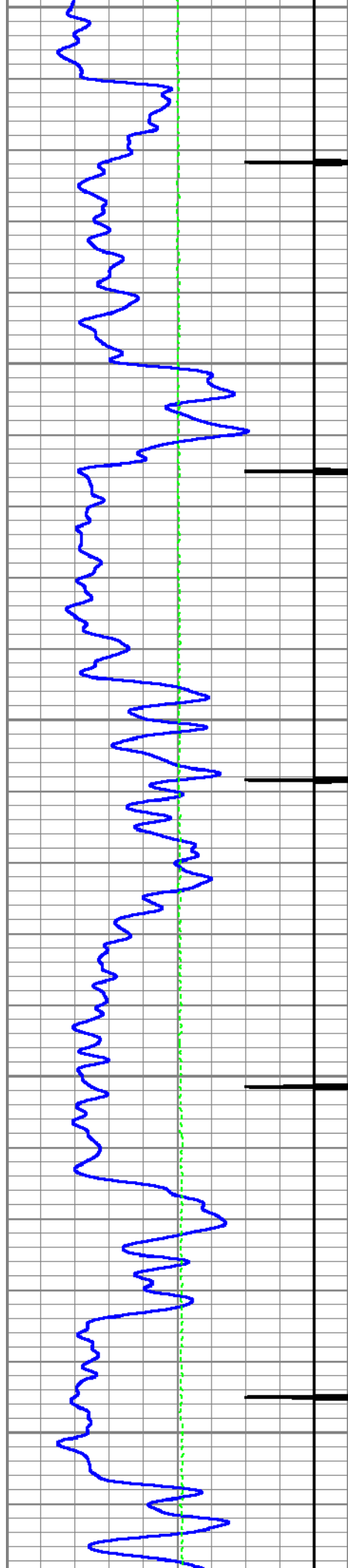




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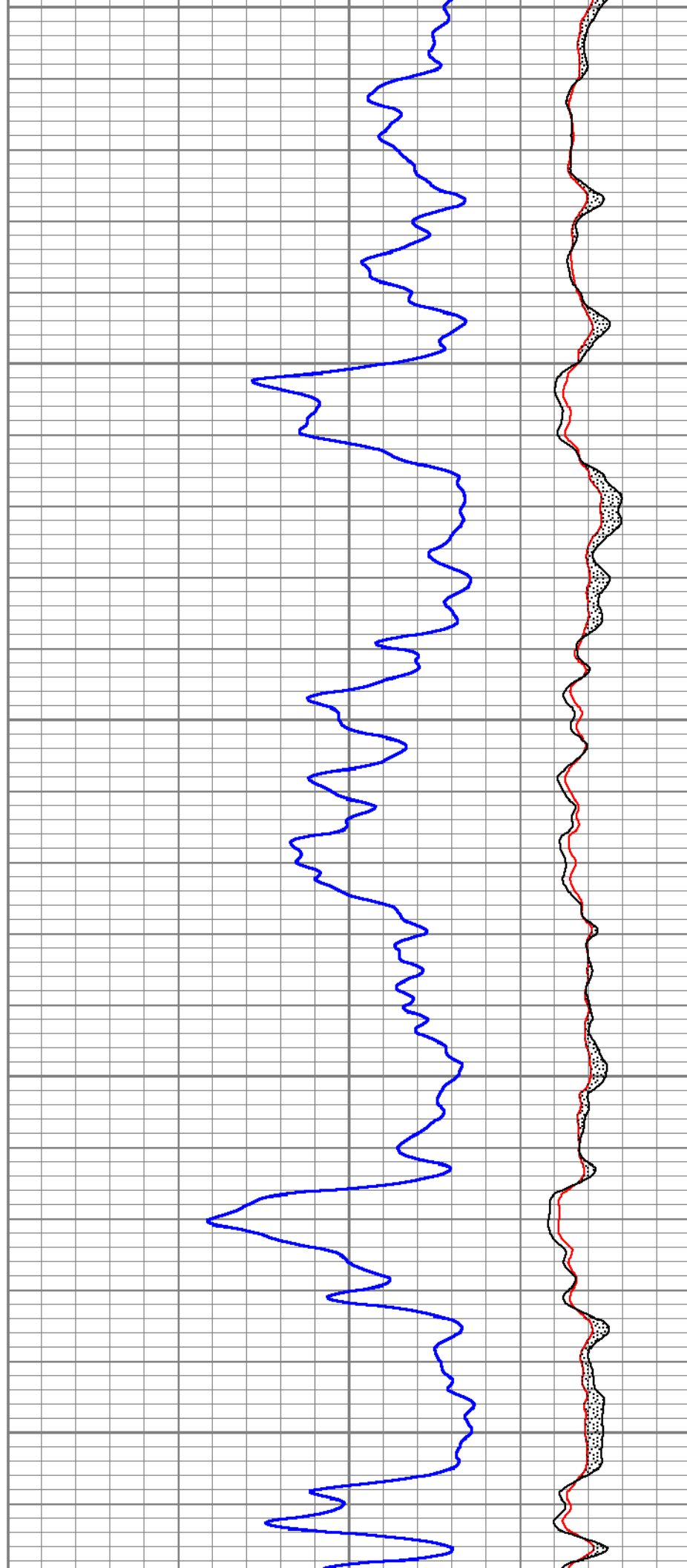
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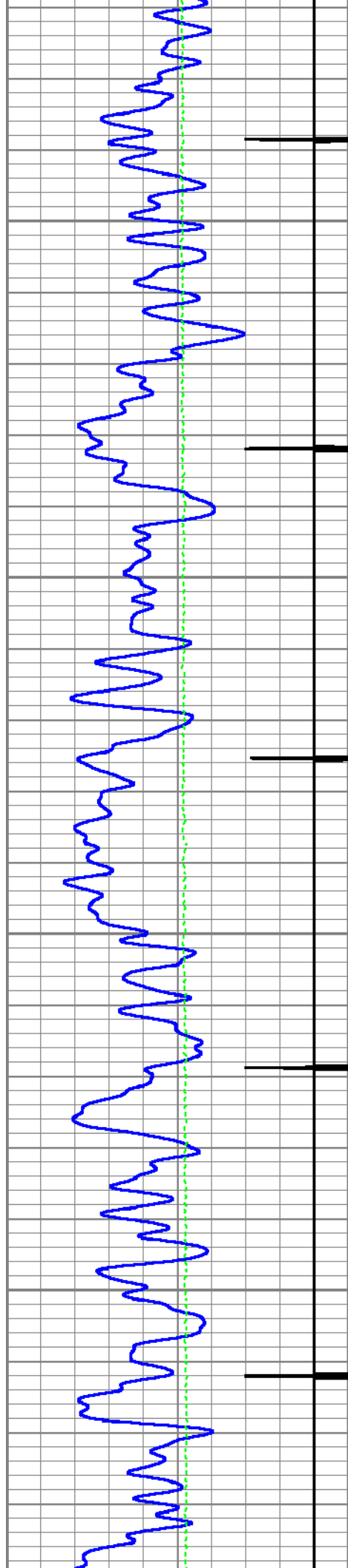




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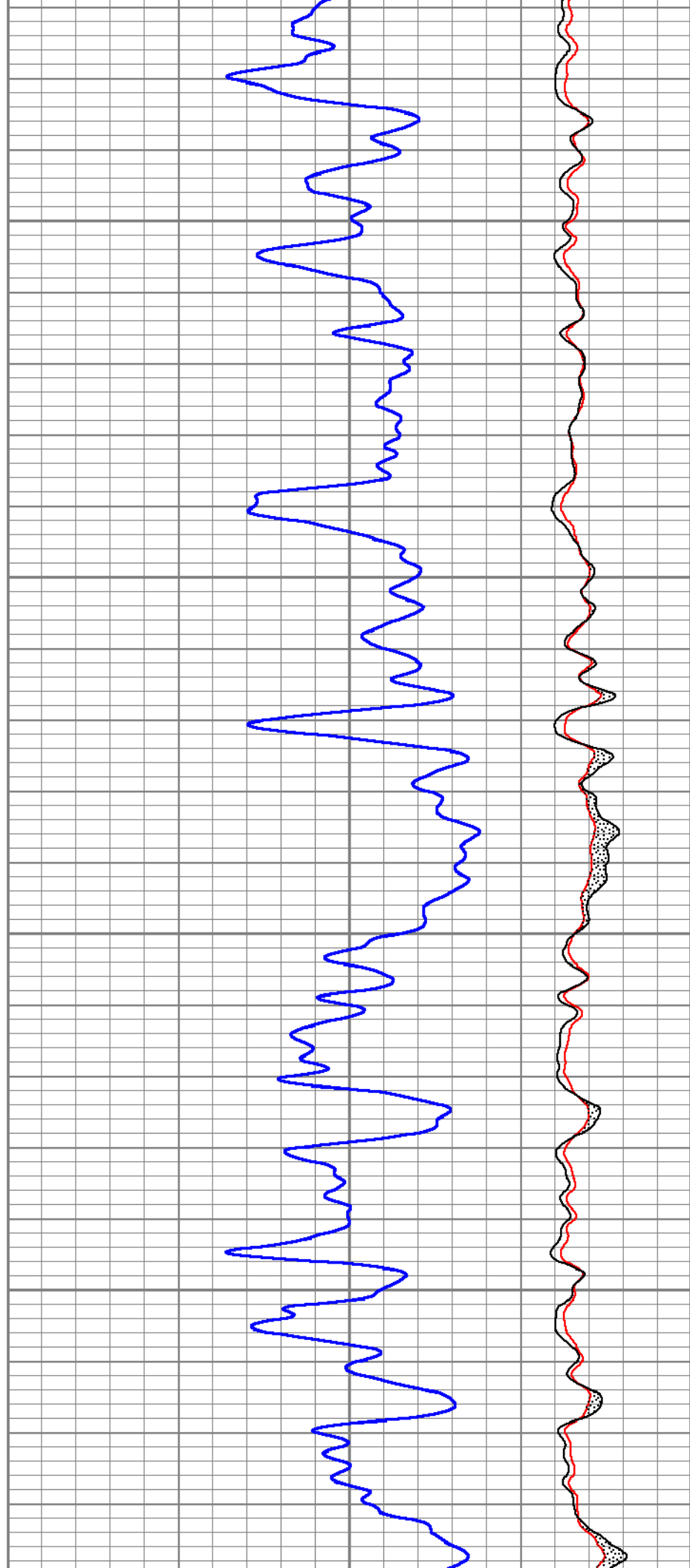
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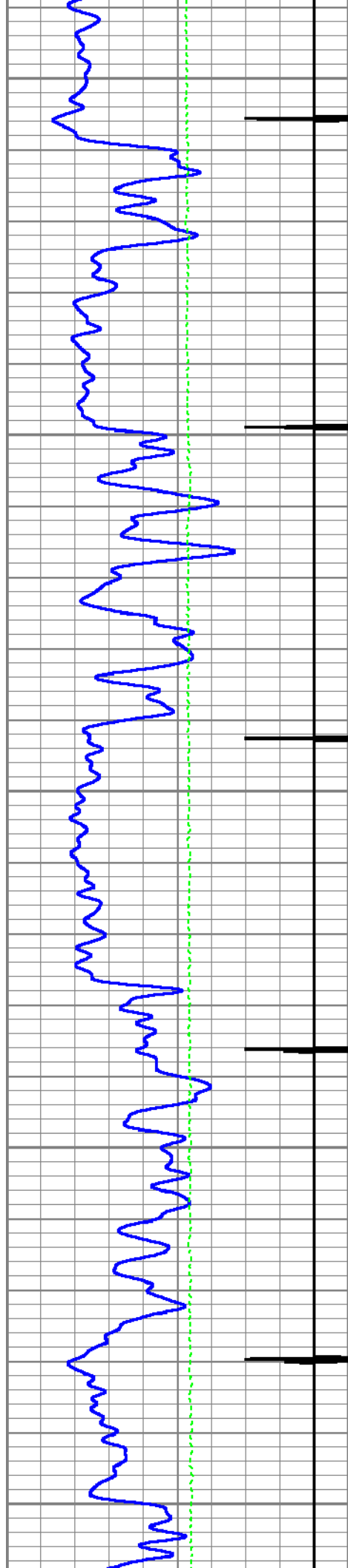




9900

10000

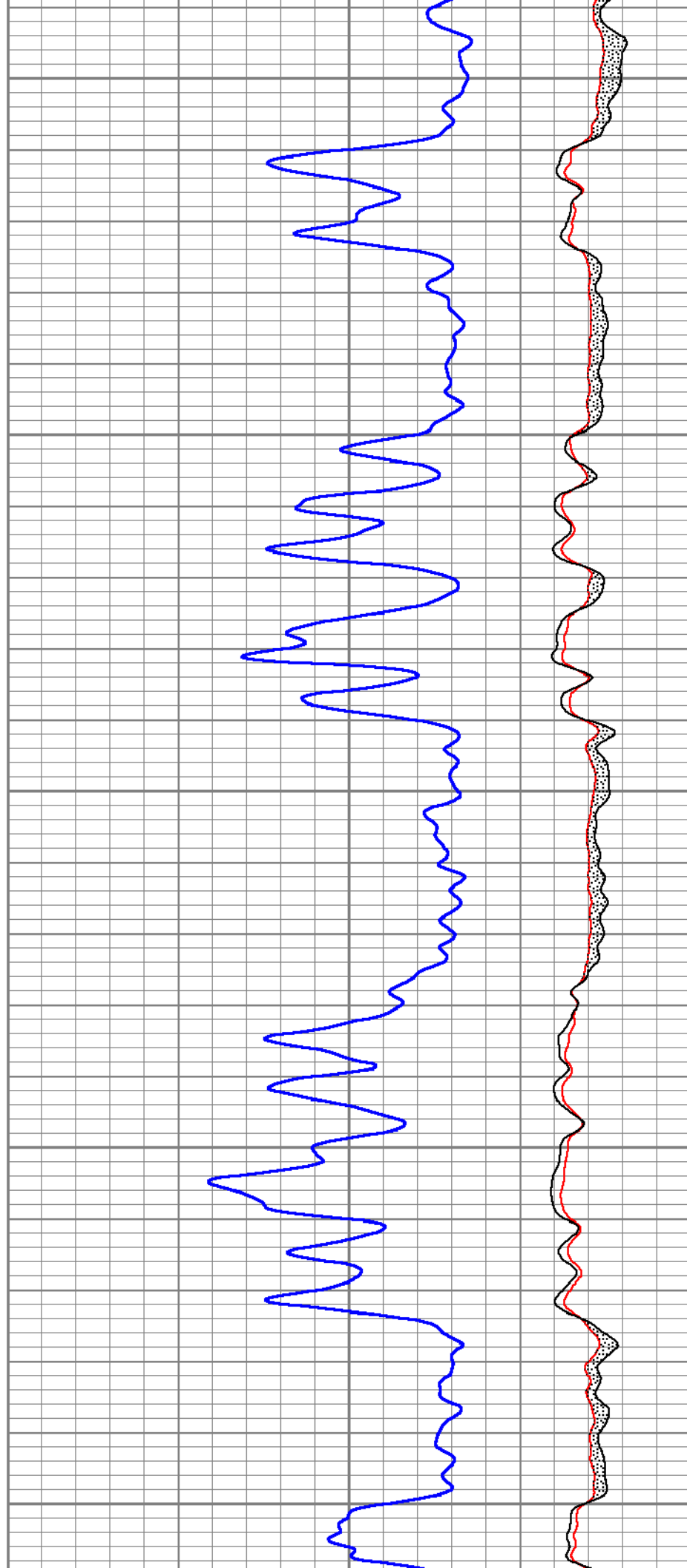


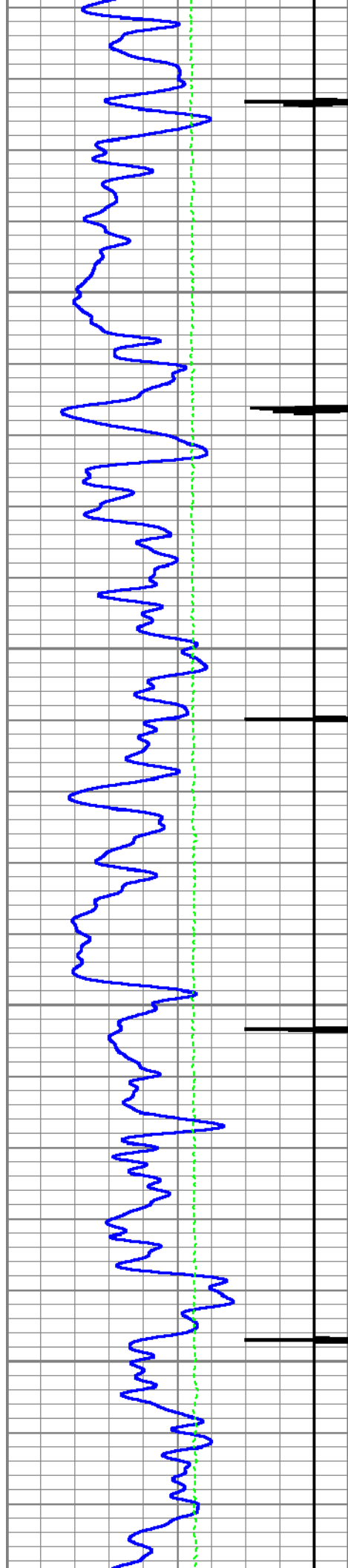


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10200

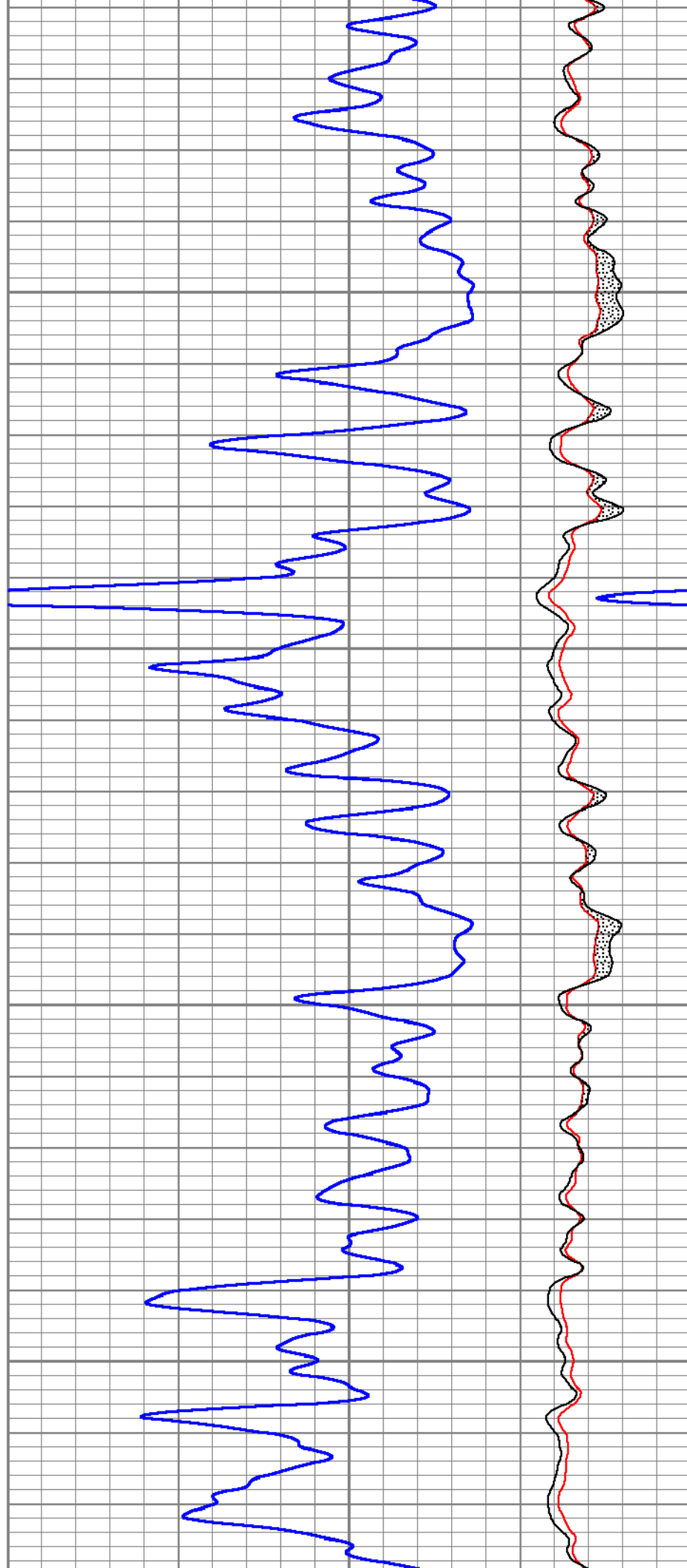
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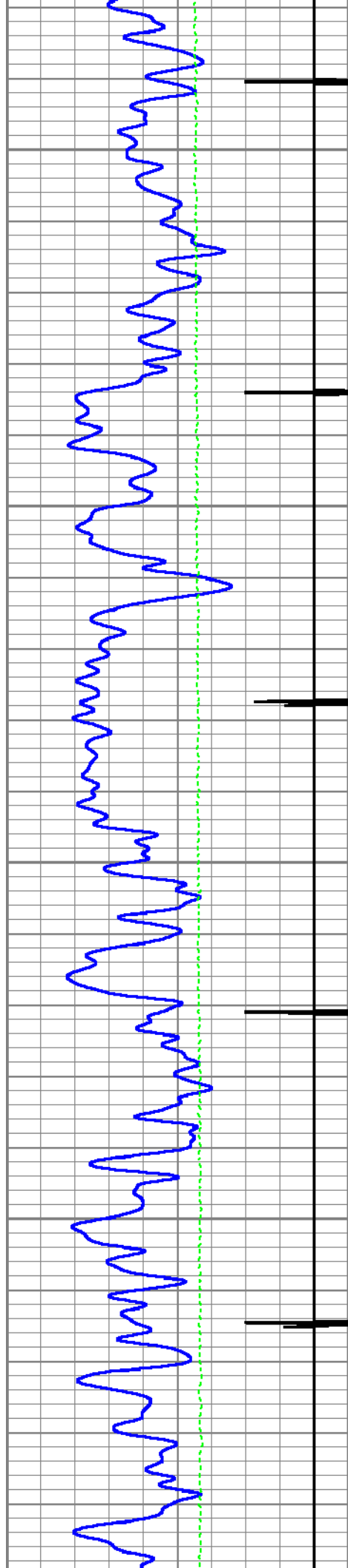




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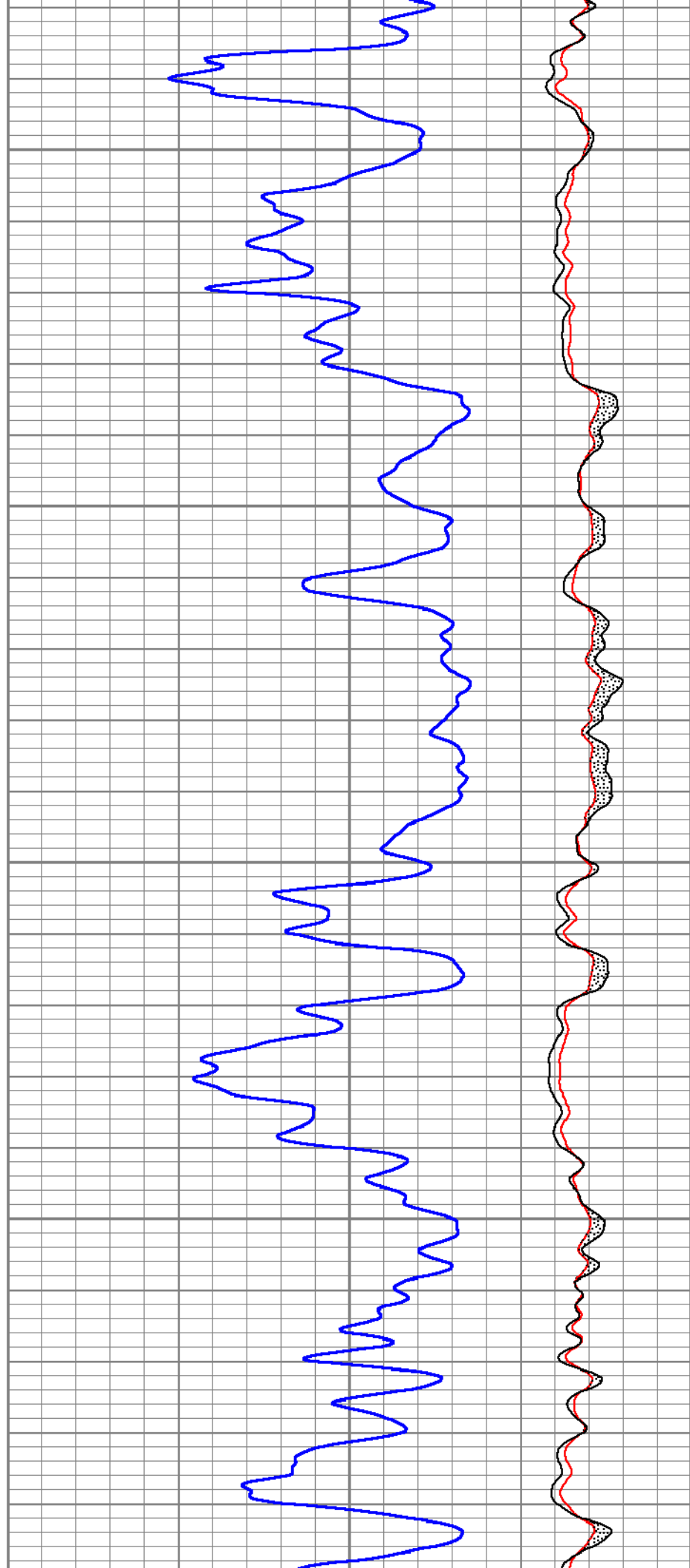
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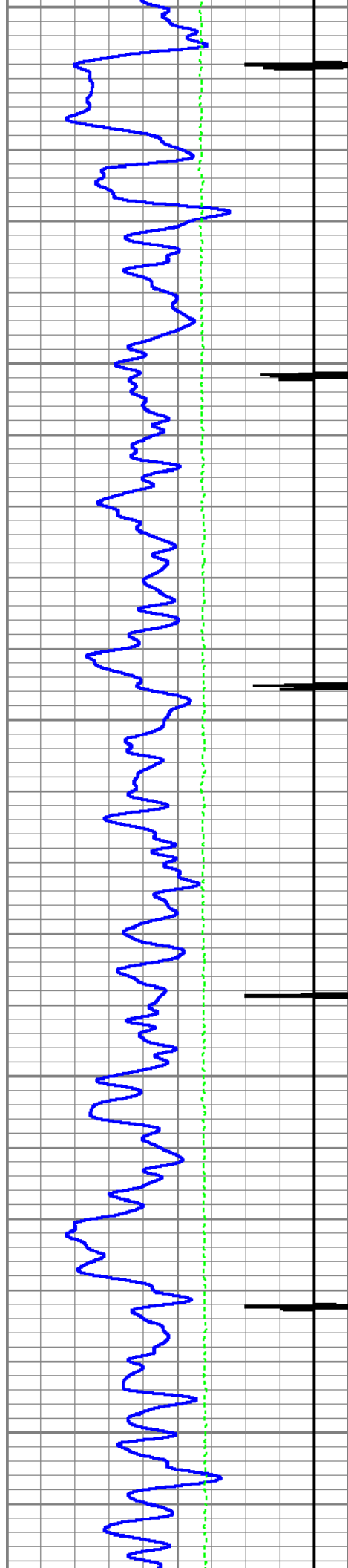




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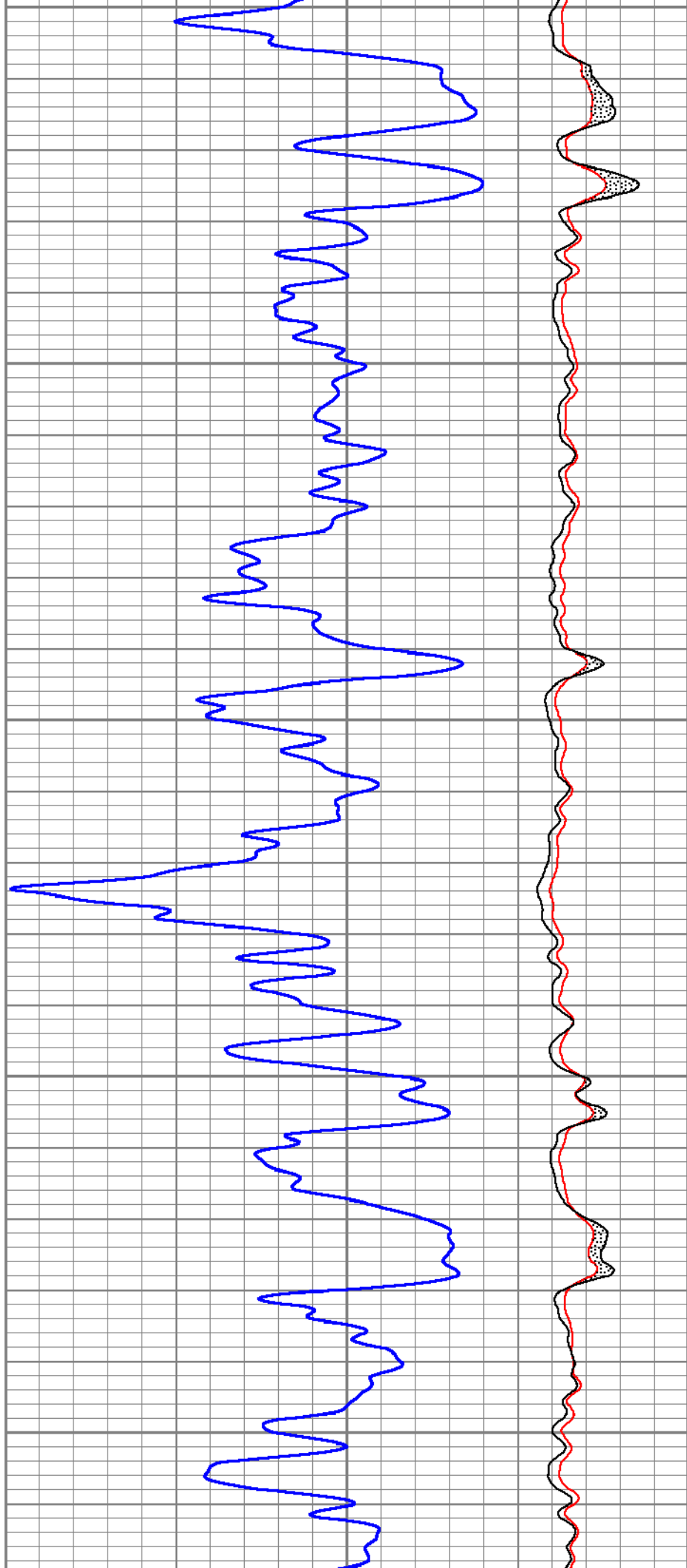
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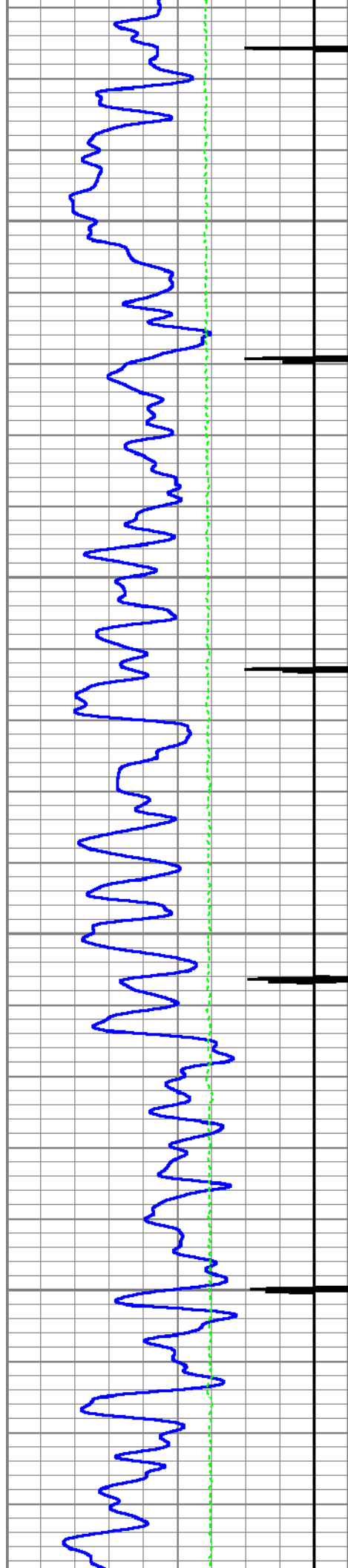




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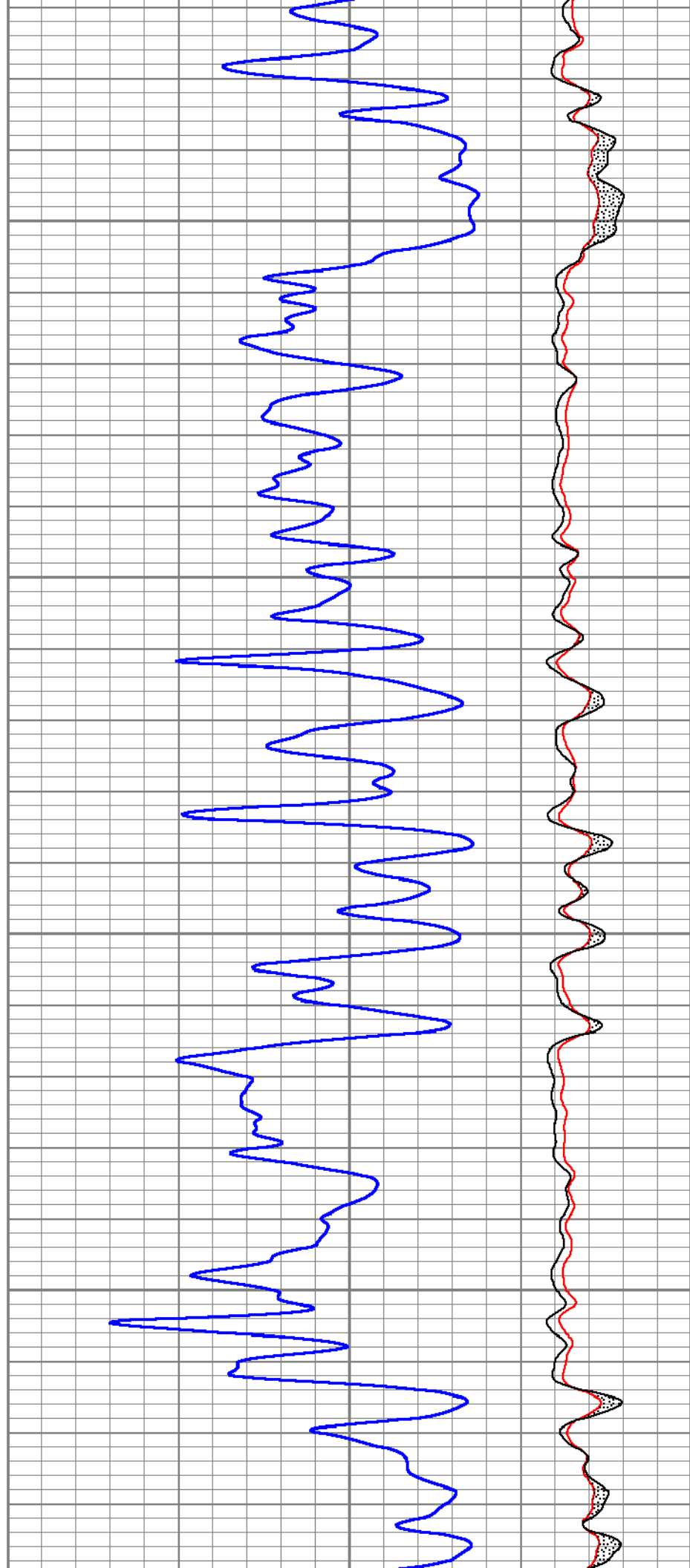
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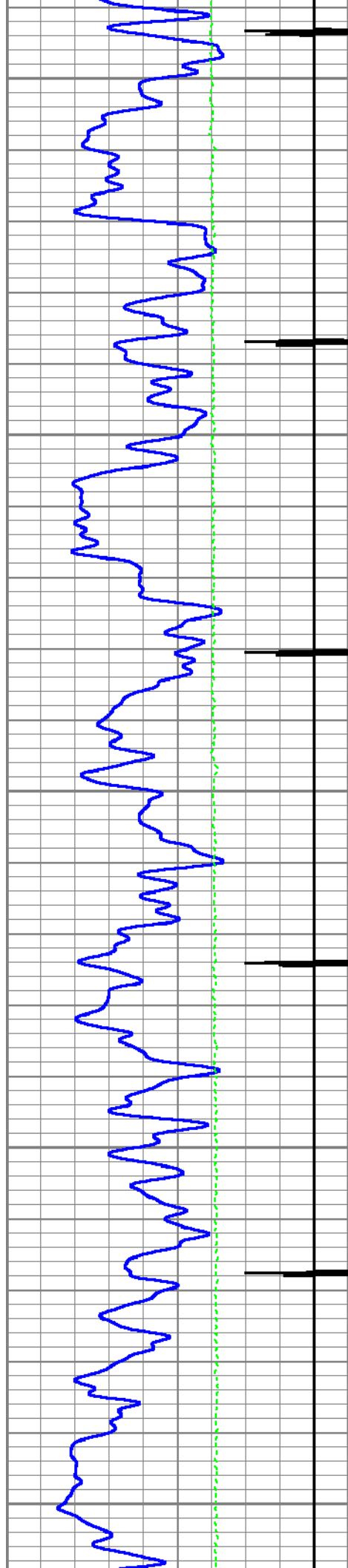




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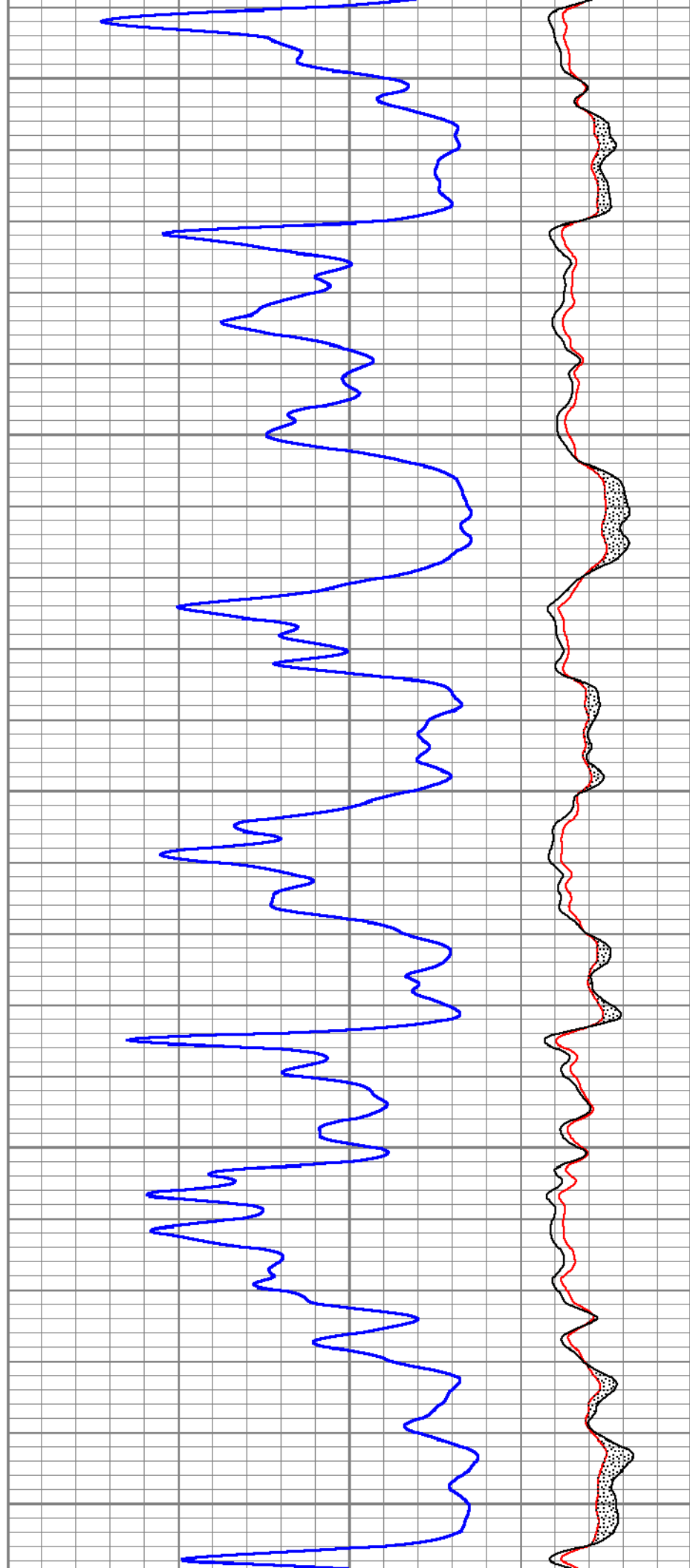


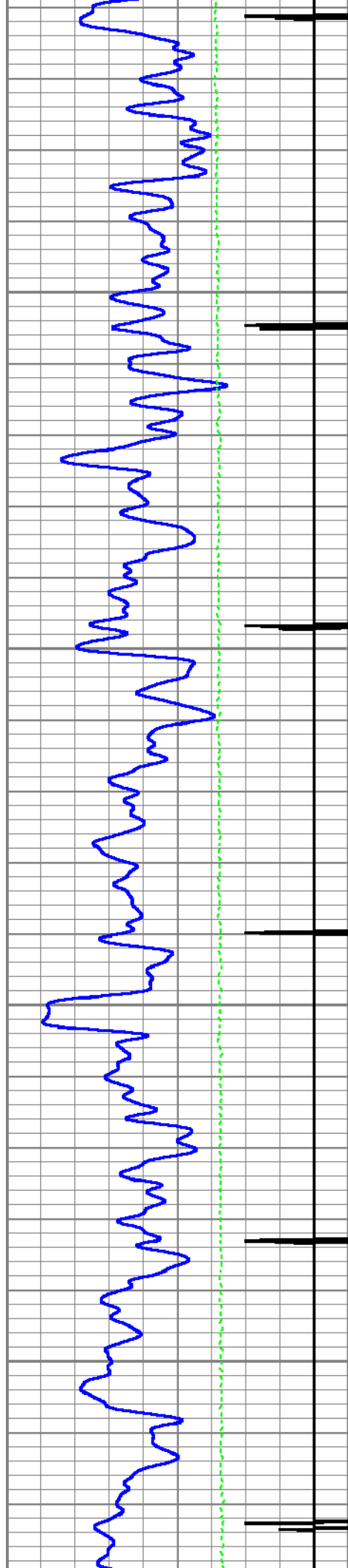


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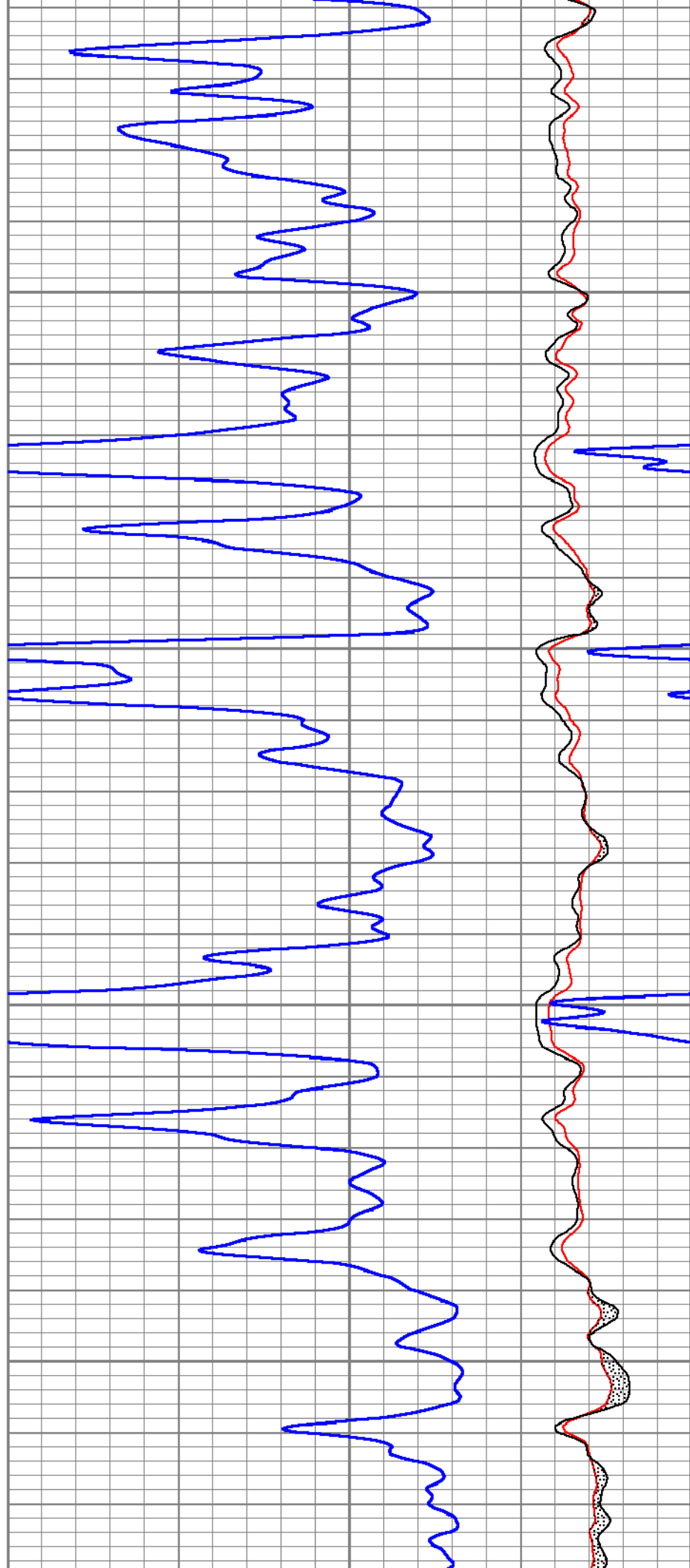
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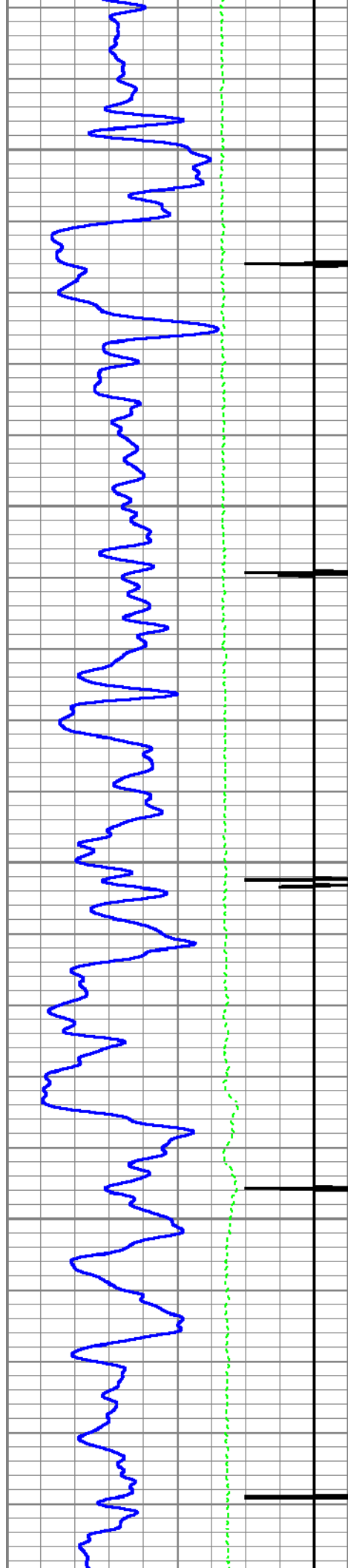




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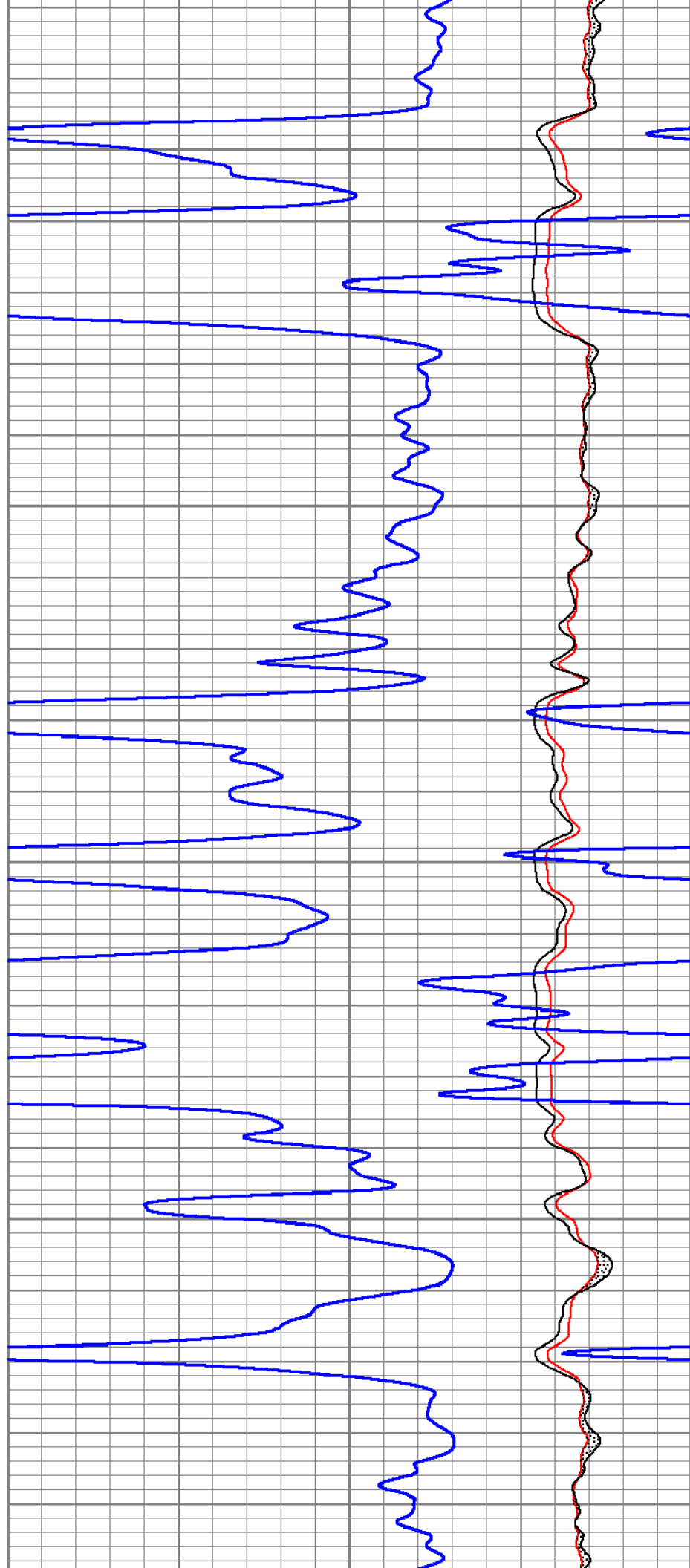
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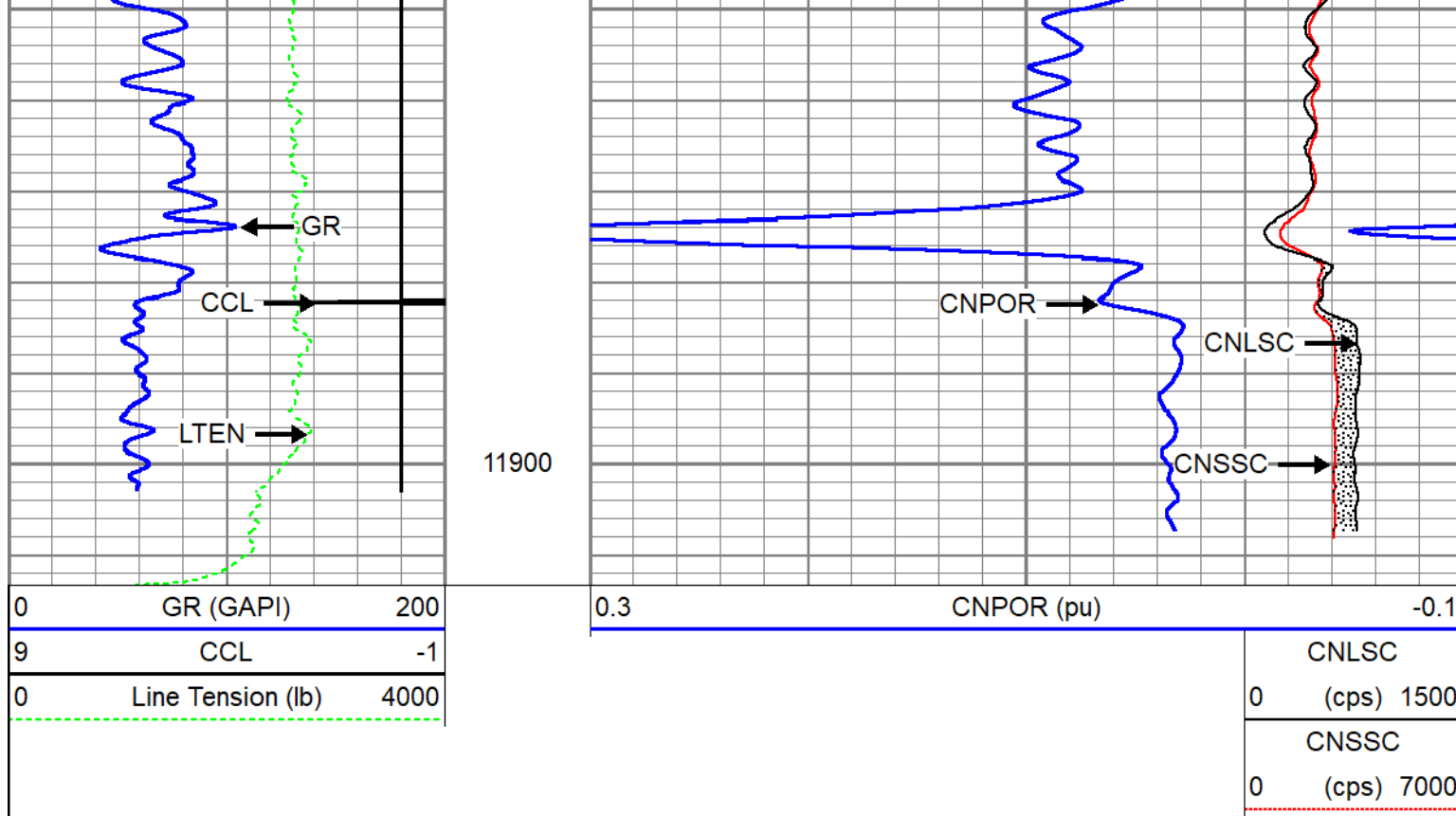




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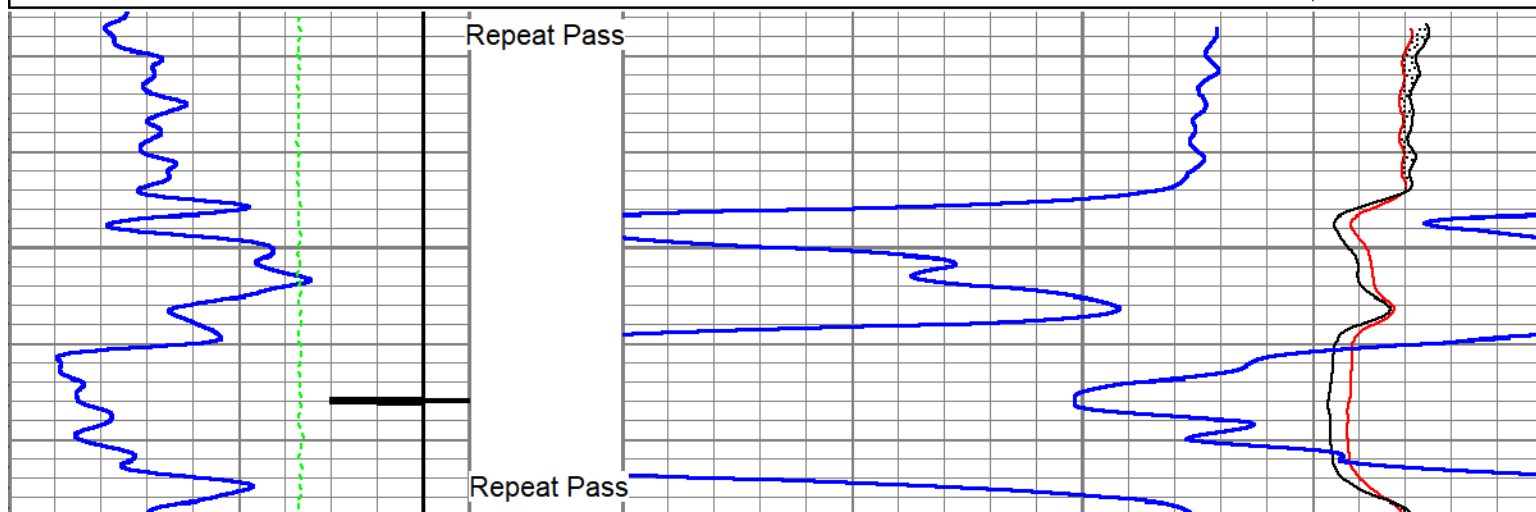


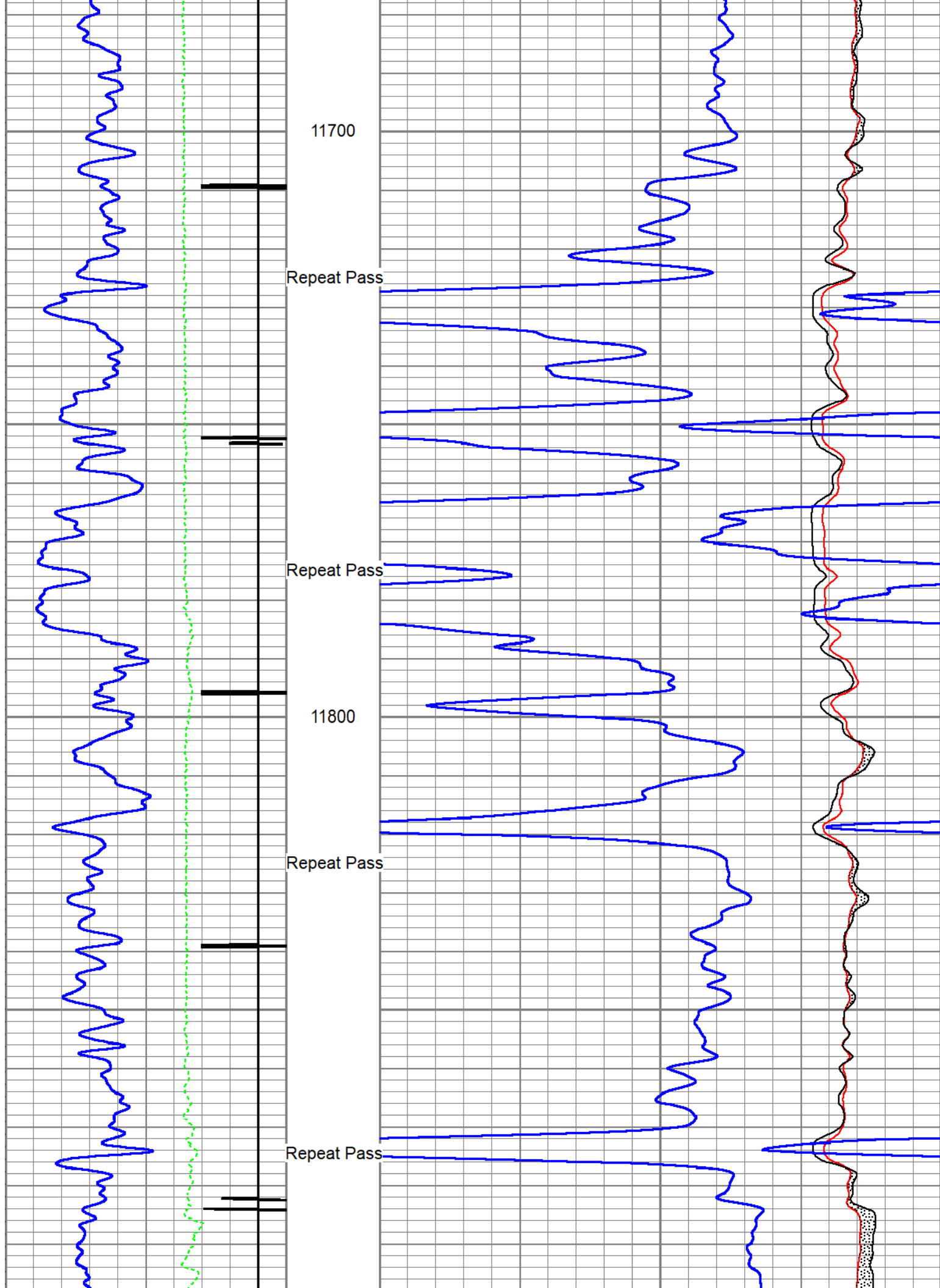
Repeat Pass 5" = 100'

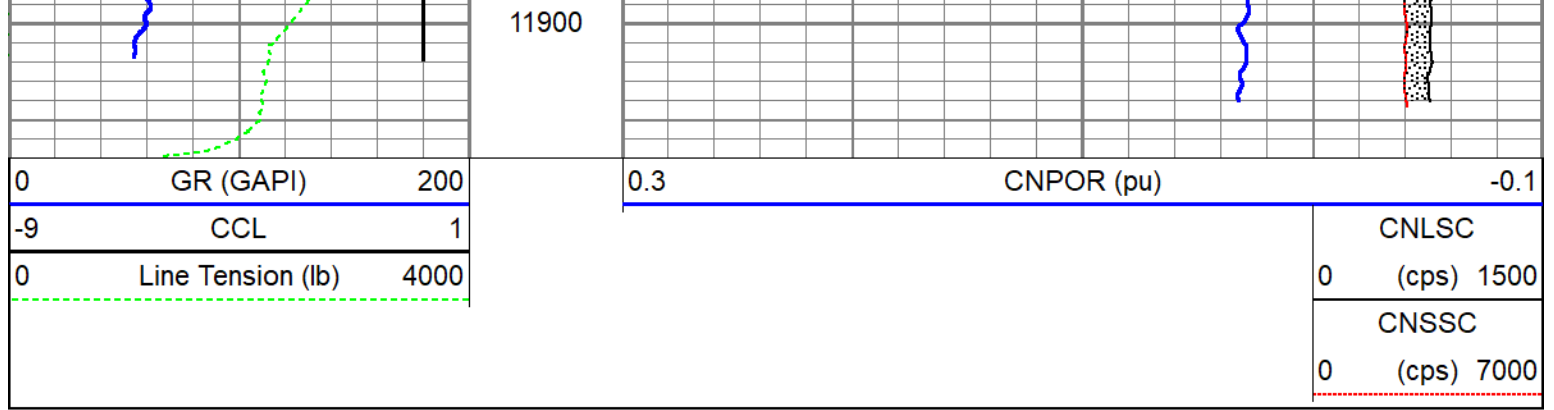
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Dataset Pathname	repeat
Presentation Format	twgcnl
Dataset Creation	Thu Dec 22 16:06:06 2022
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	200	0.3	CNPOR (pu)	-0.1
-9	CCL	1			
0	Line Tension (lb)	4000			

CNLSC		
0	(cps)	1500
CNSSC		
0	(cps)	7000







Calibration Report				
Database File	caerus_bju b26 fed 13a-26-496_rcbl-cnI_12-22-2022.db			
Dataset Pathname	main			
Dataset Creation	Thu Dec 22 16:14:37 2022			
Compensated Neutron Calibration Report				
		Model:	CNT - 275Dig	
		Serial Number:	FW1409-35	
SHOP CALIBRATION		Thu Mar 31 15:47:13 2022		
	Cal Tube	Units		
Tank Ratio	11.6940	SS/LS		
LS Detector	68.71	cps		
SS Detector	748.49	cps		
Tool Ratio	10.8929	SS/LS		
Tool Gain	1.0735	----		
PRE-SURVEY VERIFICATION				
	SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)
POST-SURVEY VERIFICATION				
	SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)
Gamma Ray Calibration Report				
Serial Number:	110255			
Tool Model:	GCTacc_6-Pin-Base			
Performed:	Thu Sep 22 15:12:49 2022			
Calibrator Value:	165.0	GAPI		
Background Reading:	72.3	cps		
Calibrator Reading:	300.9	cps		
Sensitivity:	0.7216	GAPI/cps		
Inclinometer Calibration Report				

Performed:

Thu Sep 22 15:14:31 2022

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-910.00	1566.00	-1.00	1.00	gee
Y Accelerometer	-989.00	1748.00	-1.00	1.00	gee
Z Accelerometer	1.02	-895.47	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number: FW1311-19
Tool Model: Probe275acc

Calibration Casing Diameter: 4.500 in
Calibration Depth: 38.237 ft

Master Calibration, performed Thu Dec 22 08:35:22 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.750	0.800	81.196	108.042	0.130
CAL	0.002	0.760				
5'	0.015	0.701	0.800	81.196	117.073	-0.921
SUM						
S1	0.007	0.754	0.000	100.000	134.009	-1.003
S2	0.007	0.757	0.000	100.000	133.390	-0.985
S3	0.006	0.767	0.000	100.000	131.461	-0.782
S4	0.007	0.761	0.000	100.000	132.784	-0.989
S5	0.009	0.755	0.000	100.000	133.981	-1.204
S6	0.006	0.747	0.000	100.000	135.070	-0.838
S7	0.007	0.752	0.000	100.000	134.071	-0.884
S8	0.007	0.743	0.000	100.000	135.879	-0.912

Internal Reference Calibration, performed (Not Performed):

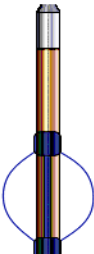
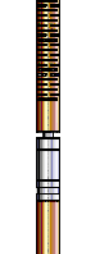
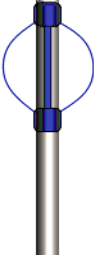

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.760	1.000	0.000

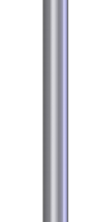
Air Zero Calibration, performed Thu Dec 22 08:34:24 2022:


	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	

S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Inclinometer Calibration Report					
Performed:	Thu Jul 28 15:55:38 2022				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-914.00	901.00	-1.00	1.00	gee
Y Accelerometer	-903.00	898.00	-1.00	1.00	gee
Z Accelerometer	3.47	893.02	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	19.32		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
mSec_Count	19.32					
RBT_Status	19.32					
Error_Ct	19.32					
WVFS8	14.82		RBT8acc-Probe275acc (FW1311-19) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS7	14.82					
WVFS6	14.82					
WVFS5	14.82					
WVFS4	14.82					
WVFS3	14.82					
WVFS2	14.82					
WVFS1	14.82					
WVF3FT	14.82					
WVF5FT	13.82					
GCT_HV	10.95		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
RBT_ACCZ	10.57					
RBT_ACCY	10.57					
RBT_ACCX	10.57					
WVFSYNC	10.57					
WVFCAL	10.57					
CCL\$2	9.96					
CCL\$1	9.96					
GCT_TEMP	9.08					
GR	8.28					
GCT_IntTemp	7.24		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
GCT_ACCZ	5.57					
GCT_ACCY	5.57					

GCT_ACCY	5.97								
GCT_ACCX	5.57								
CNLSC	2.24								
CNSSC	1.81								
				CNT-275Dig (FW1409-35) Probe Digital CNL		5.24	2.75	40.00	
				SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer		1.33	3.25	10.00	
				Plug-FA108-0000 1.38" Bull Plug		0.33	1.38	1.00	
Dataset: caerus_bju b26 fed 13a-26-496_rcbl-cn1_12-22-2022.db: field/well/run1/main									
Total length: 19.32 ft									
Total weight: 181.00 lb									
O.D.: 3.25 in									

Company	Caerus Piceance LLC.		
Well	BJU B26 FED 13A-26-496		
Field	Grand Valley		
County	Garfield	State	Colorado
		Compensated Neutron Gamma Ray Casing Collar Log	