



Compensated Neutron Gamma Ray Casing Collar Log

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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 7966 FT - 7976 FT
Log ran from 12196 FT to 7800 FT
Log ran with 0 PSI surface induced pressure.

Thank you for choosing The Wireline Group!!!



Main Pass 5" = 100'

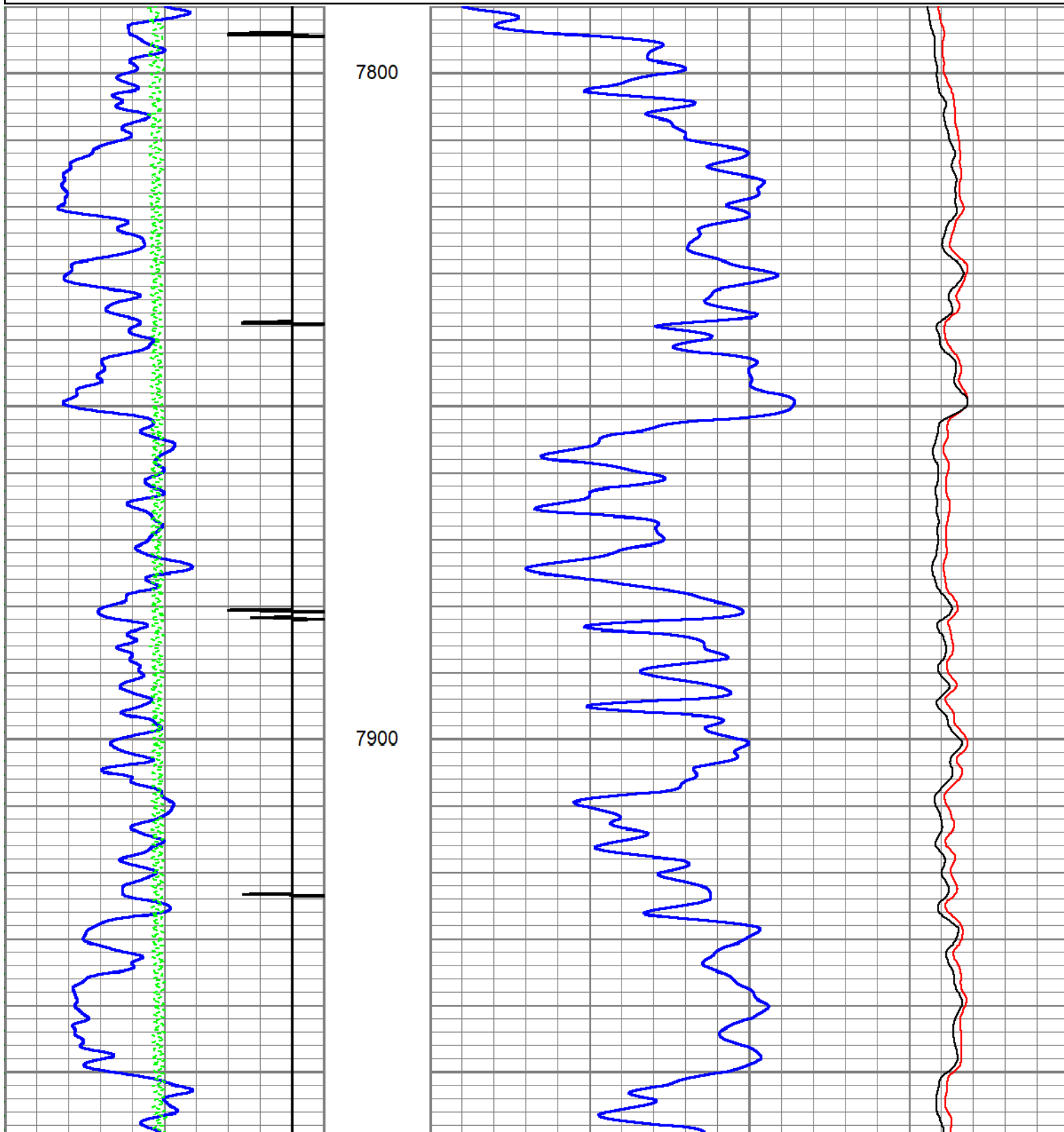
Database File caerus_bju b26 fed 23d-26-496_rcbl-cn1_12-23-2022.db
Dataset Pathname main
Presentation Format twgcnl
Dataset Creation Fri Dec 23 14:11:40 2022
Charted by Depth in Feet scaled 1:240

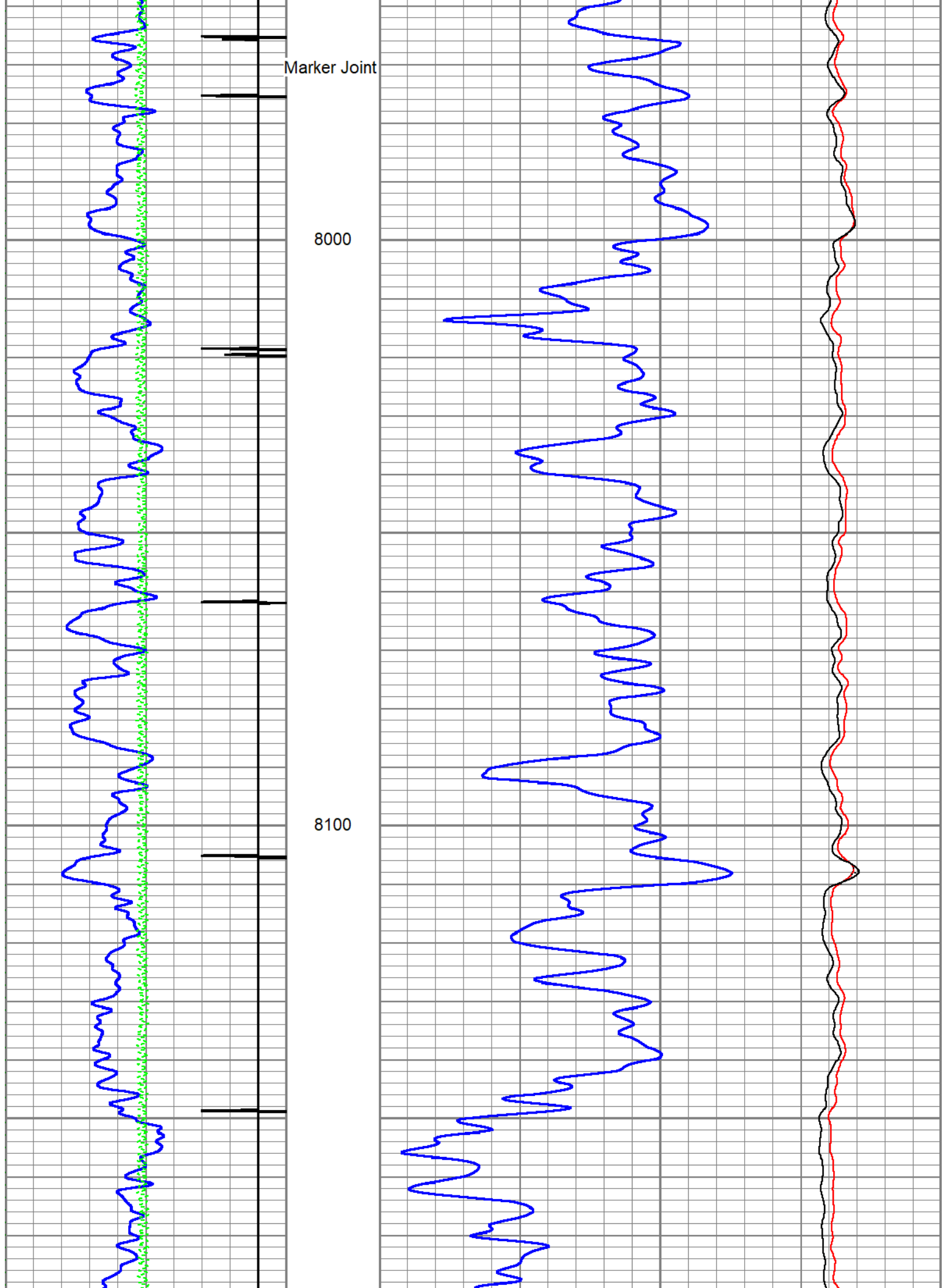
0	GR (GAPI)	200
-9	CCL\$1	1
0	Line Tension (lb)	4000

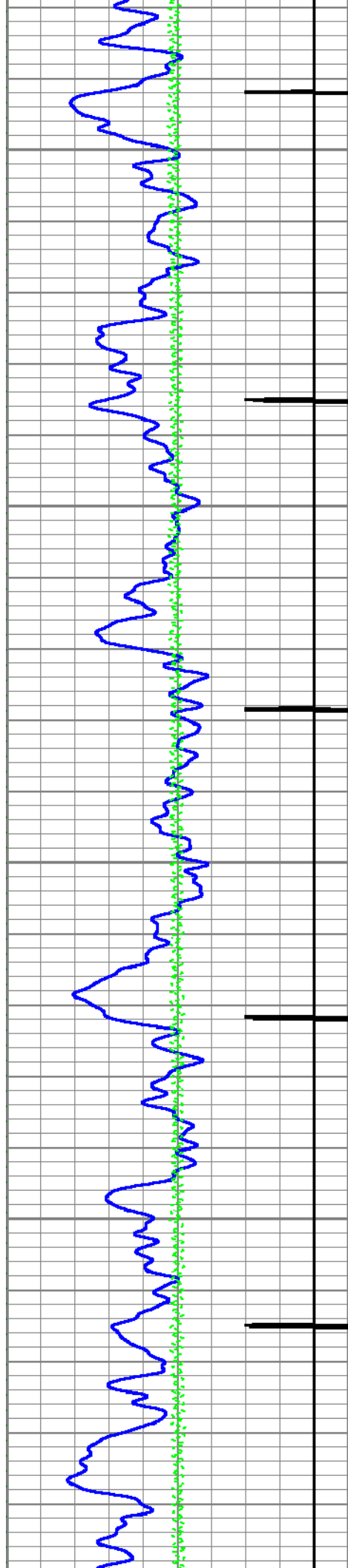
0.3 CNPOR (pu) -0.1

CNLSC
0 (cps) 1500

CNSSC
0 (cps) 7000

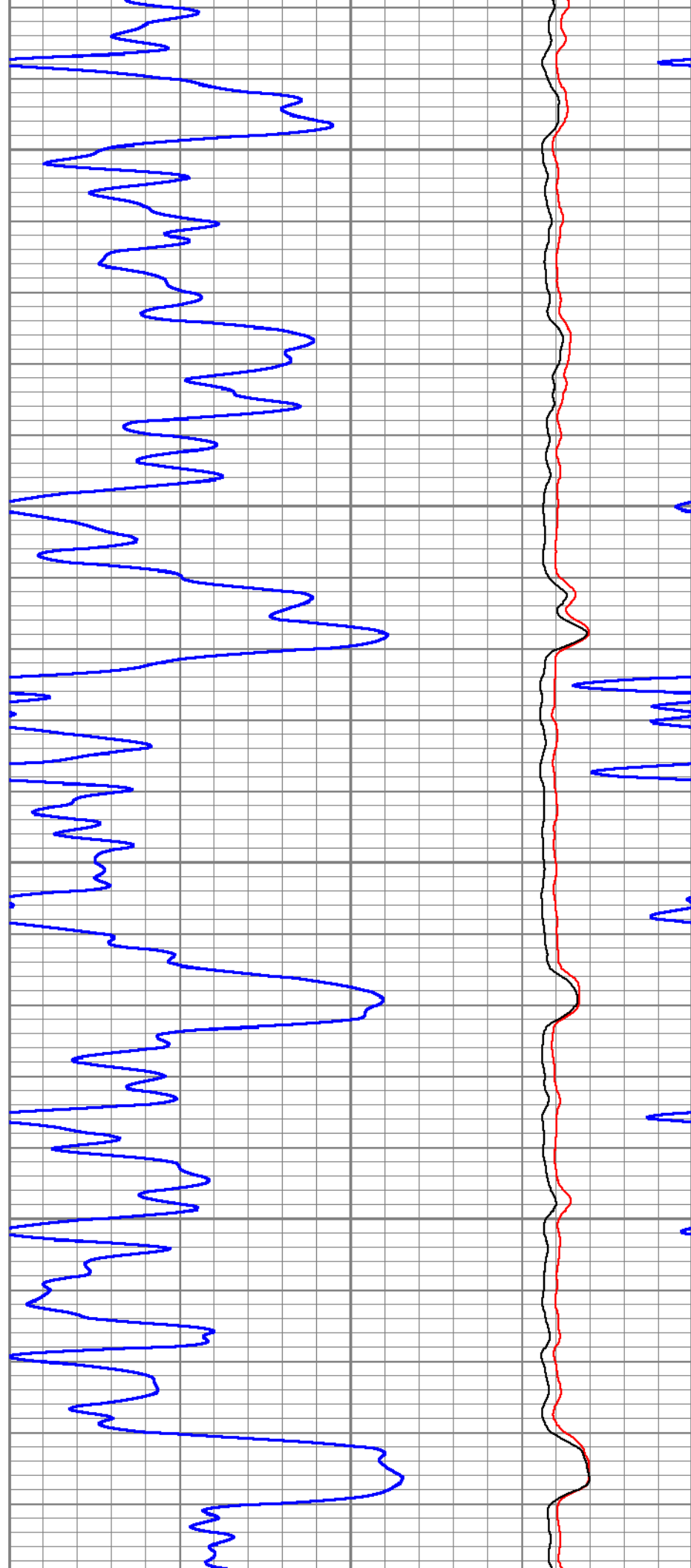






8200

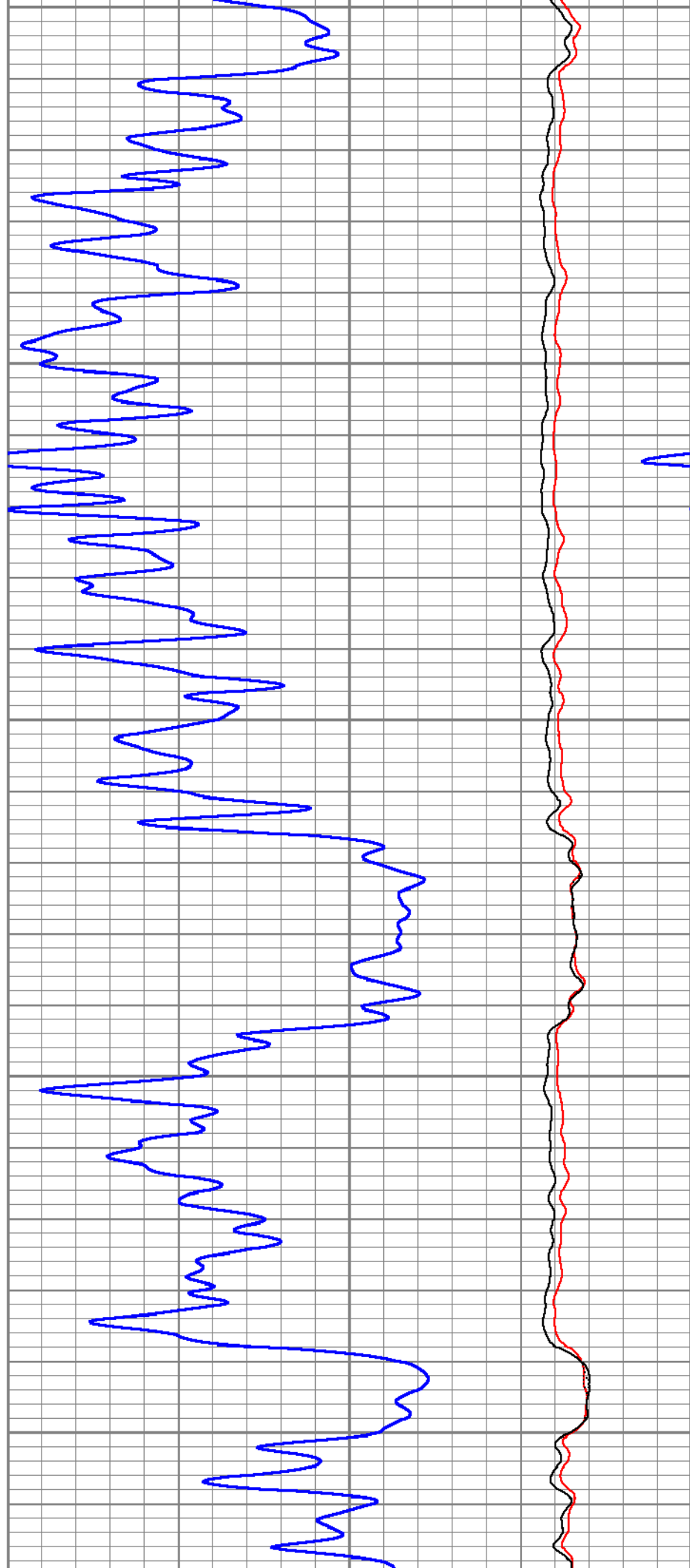
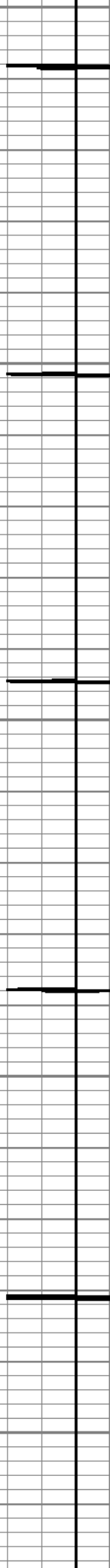
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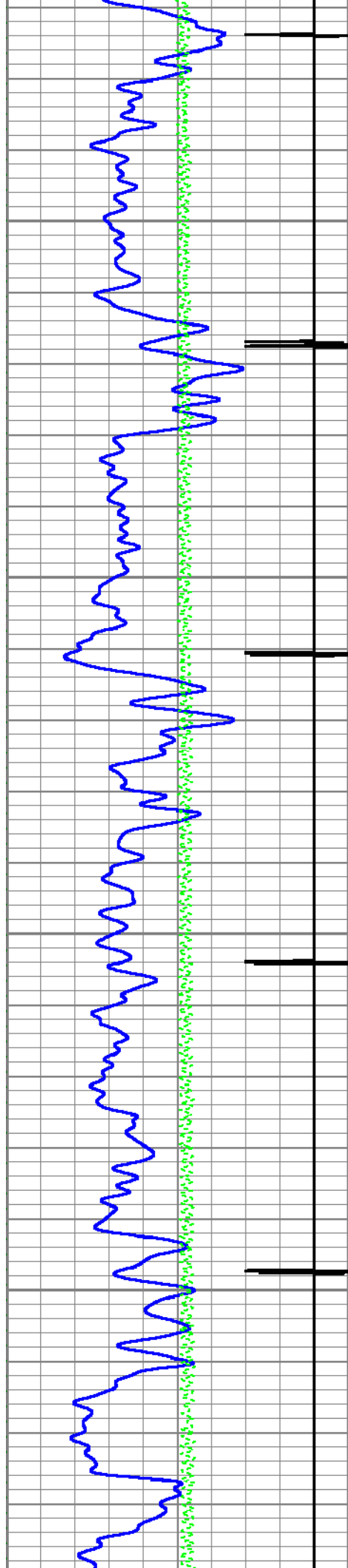


8400

8500

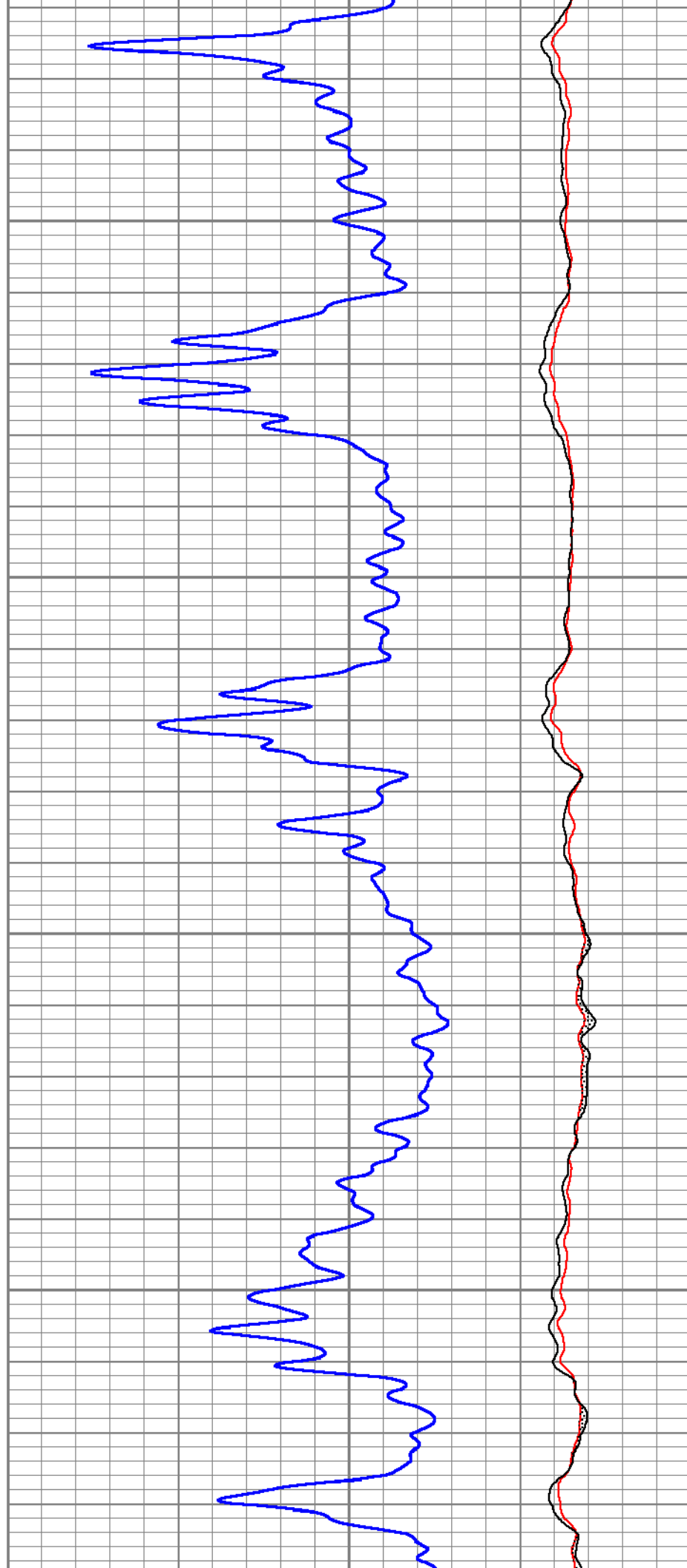
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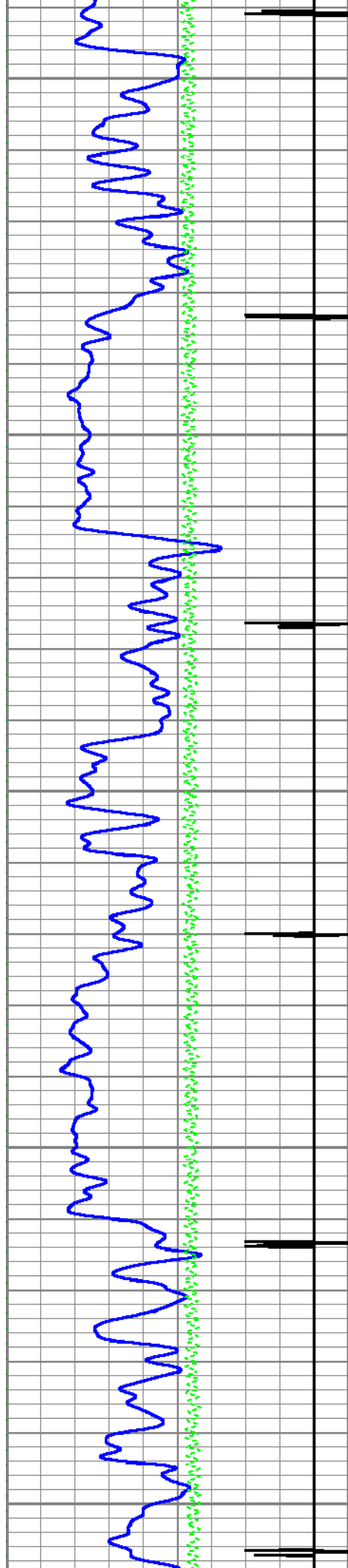




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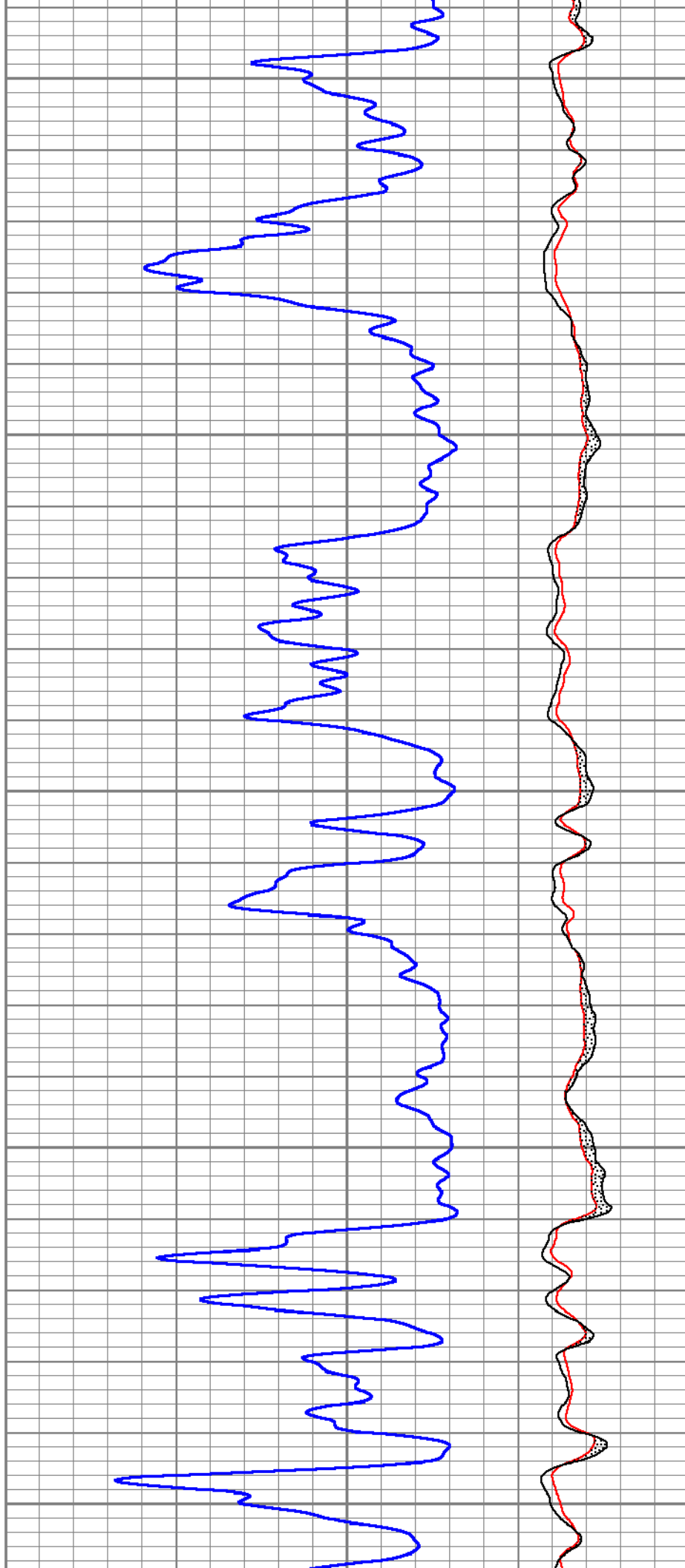
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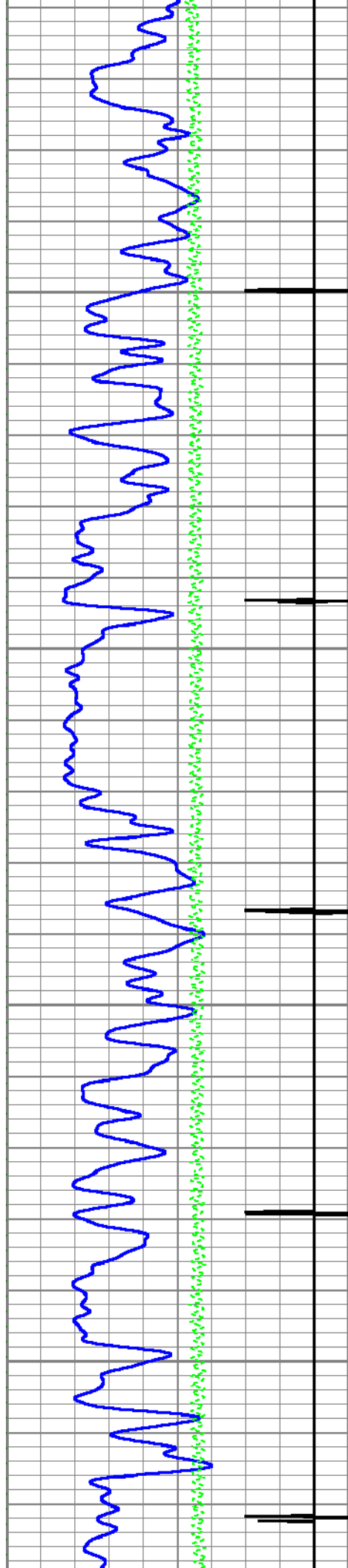




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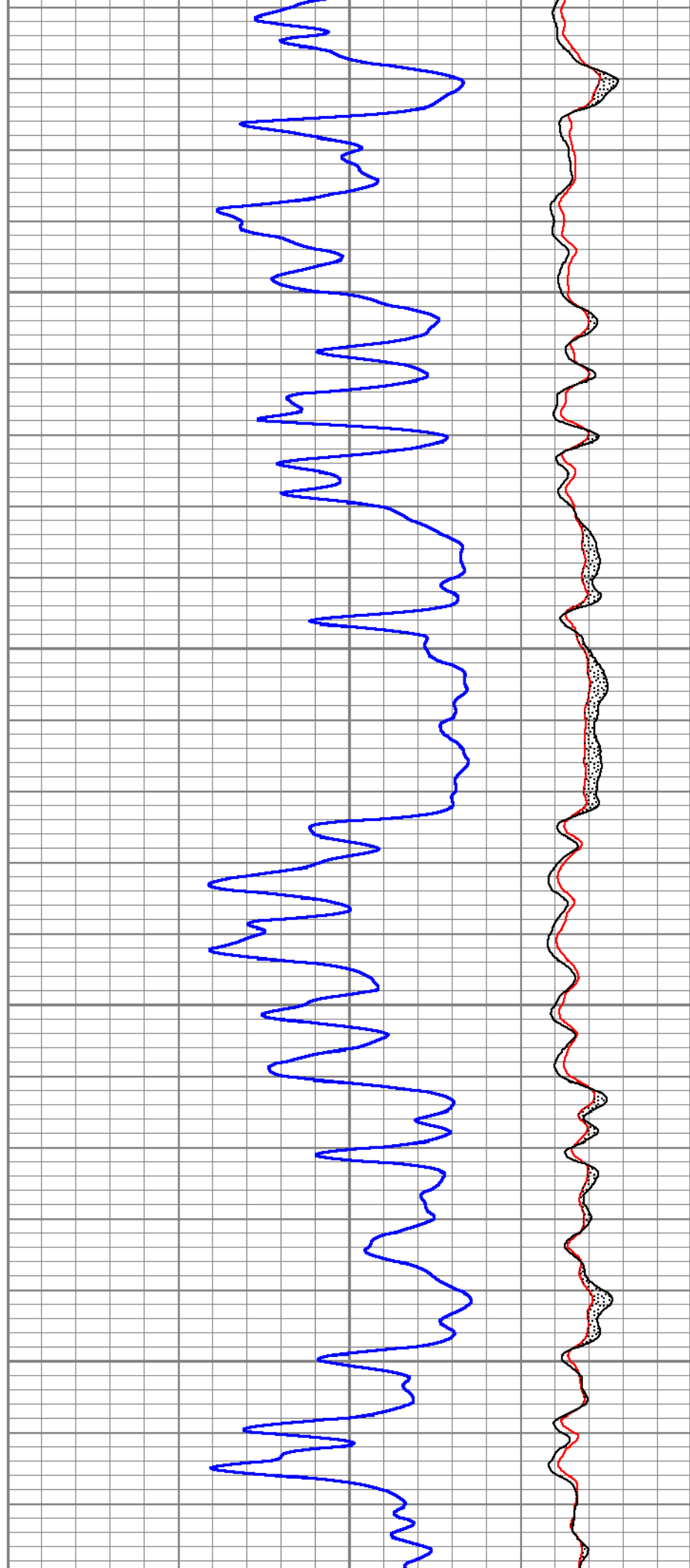
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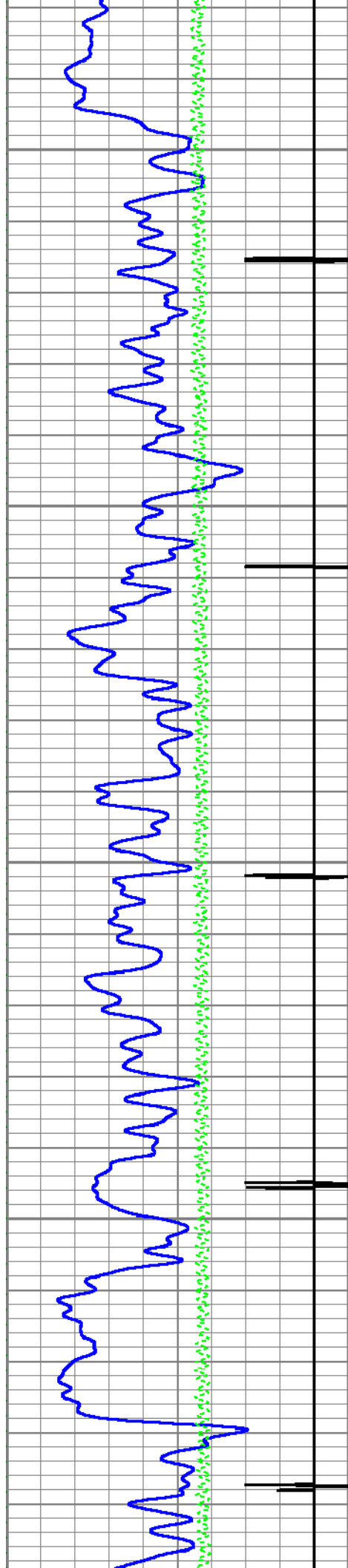




9100

9200

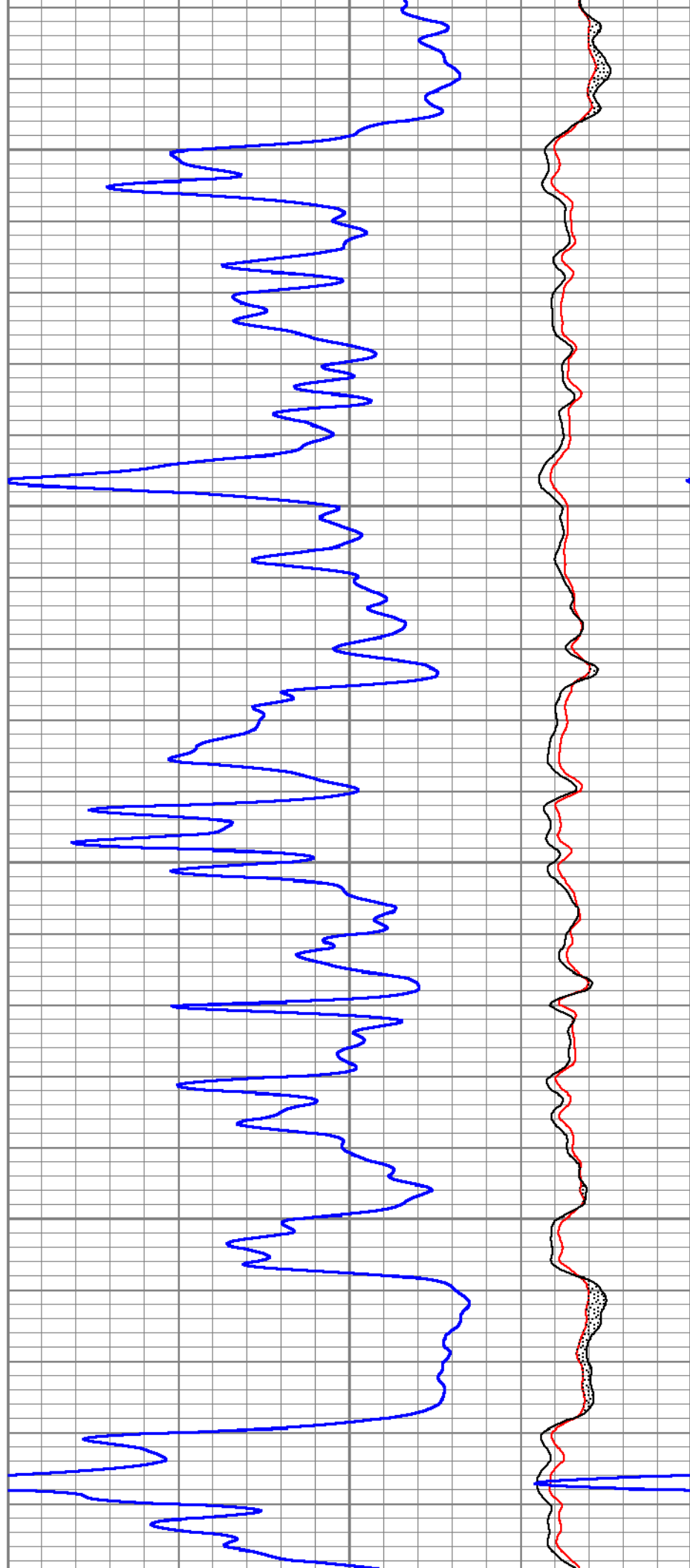




9300

9400

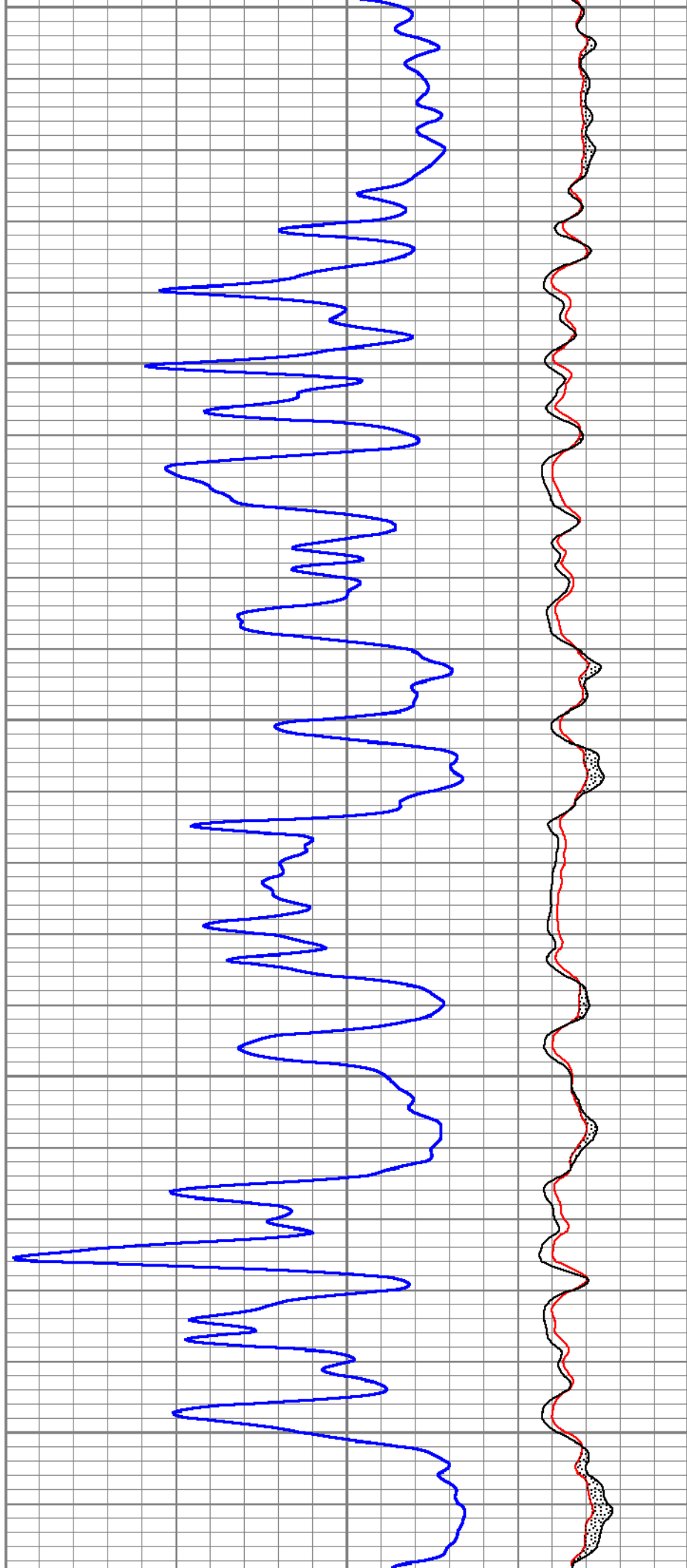
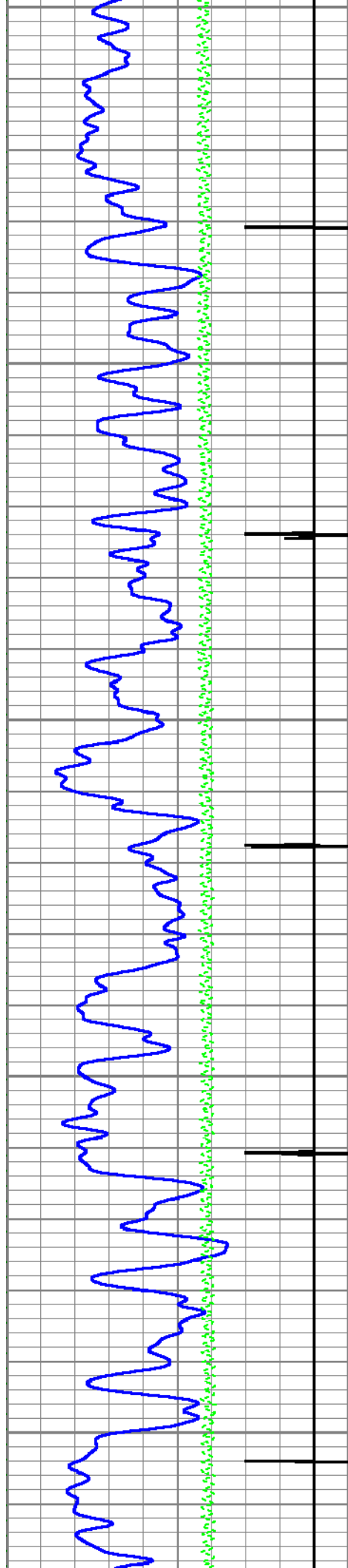
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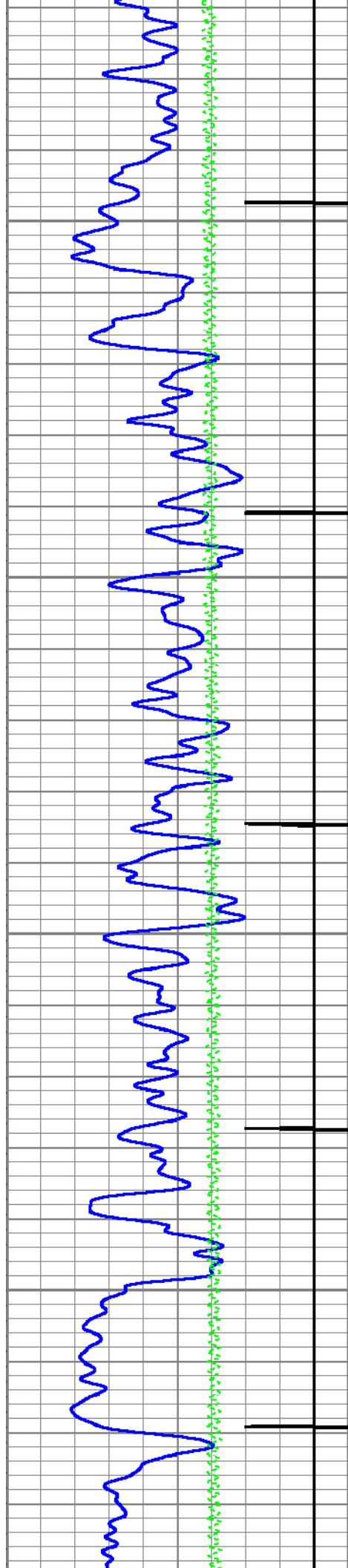


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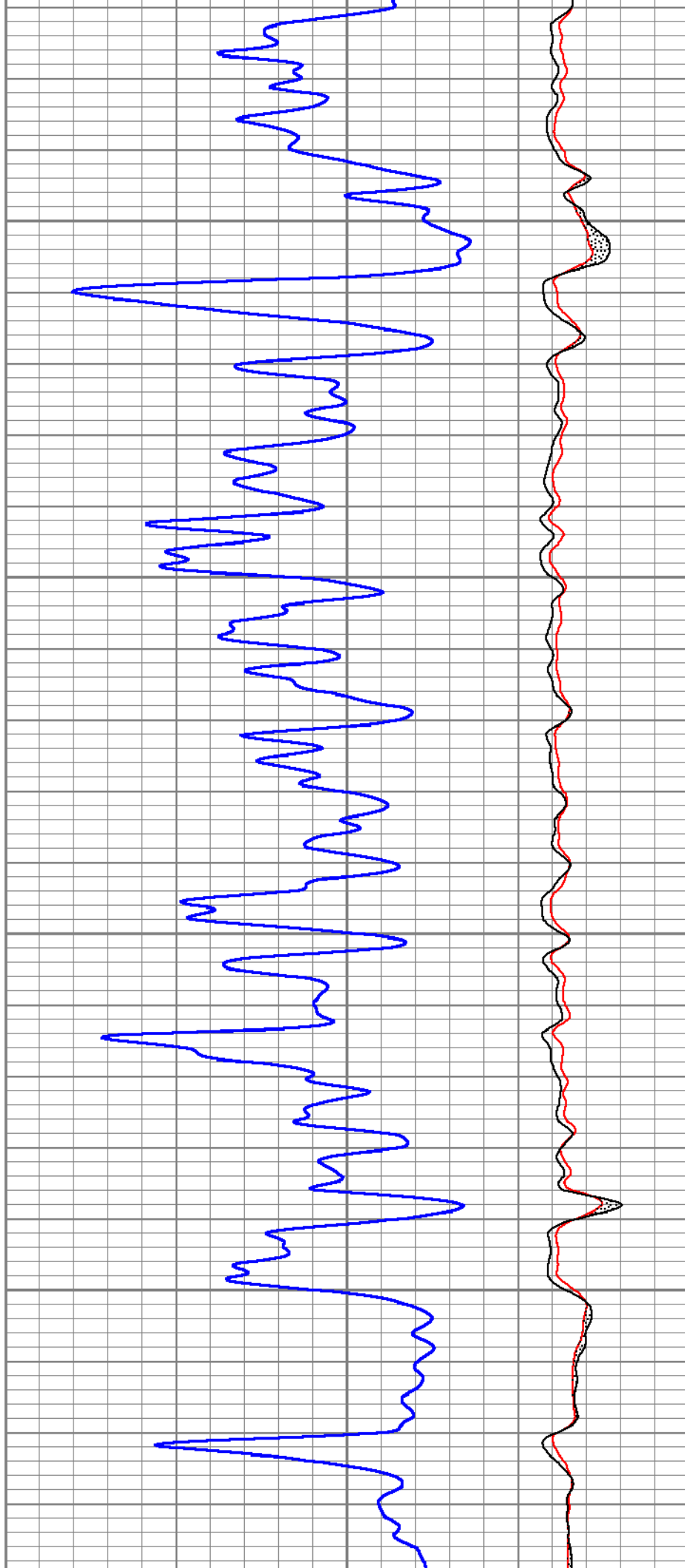
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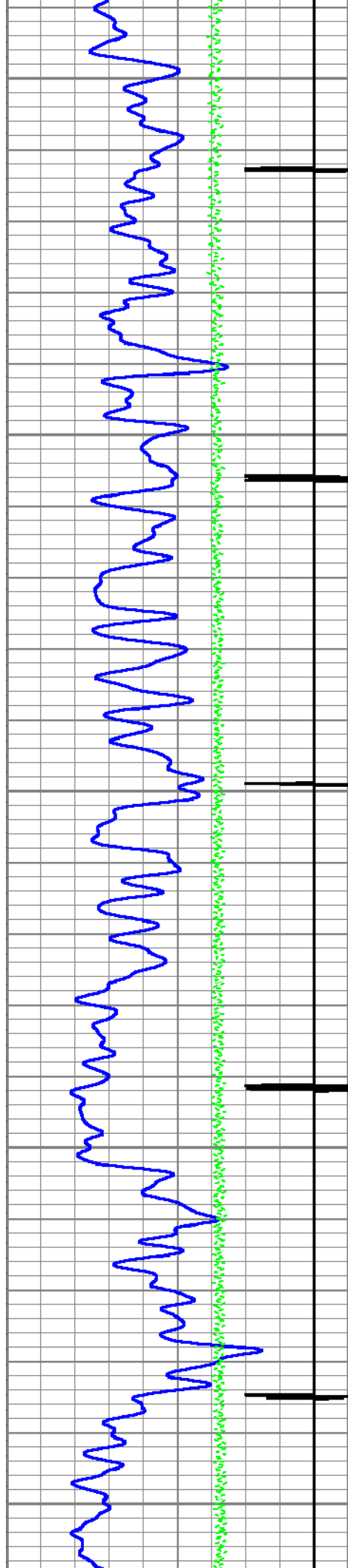




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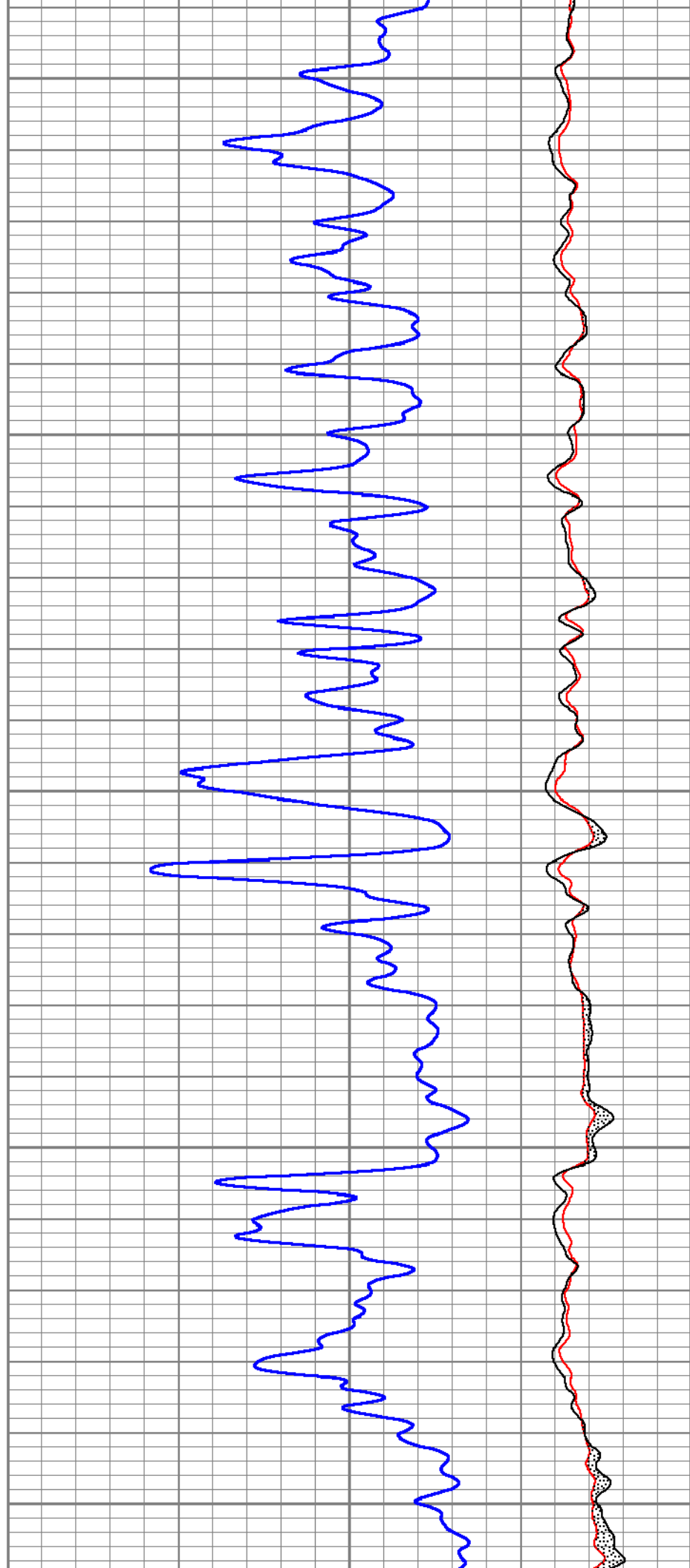
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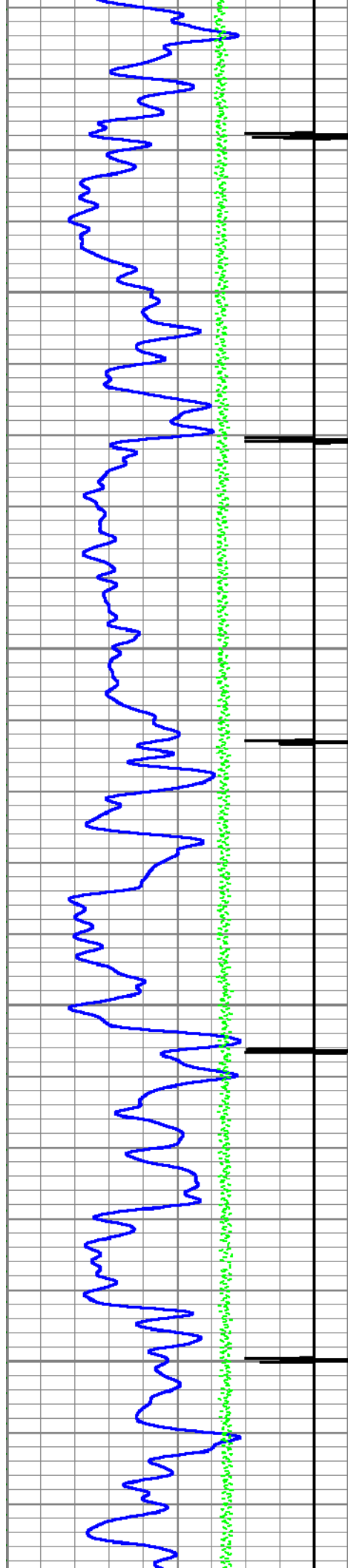




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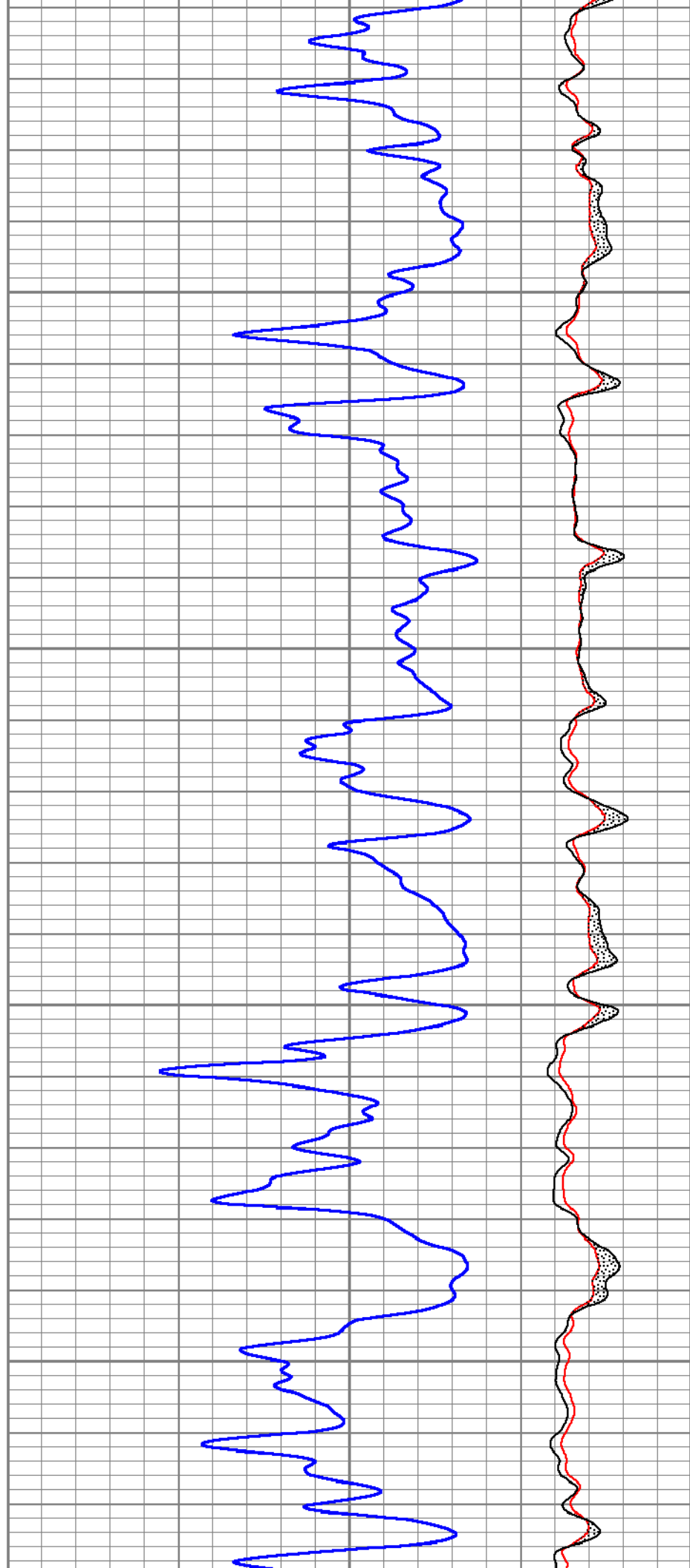
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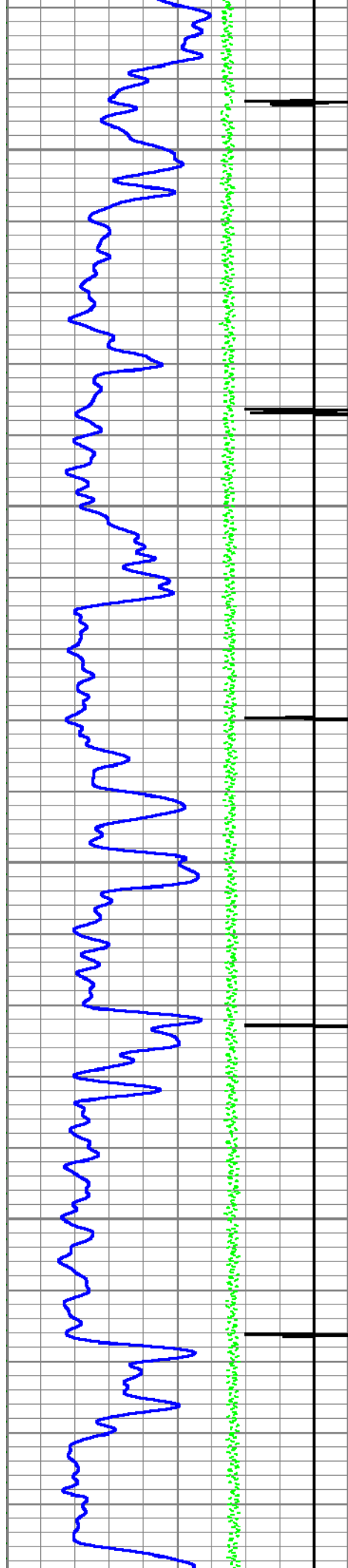




10200

10300

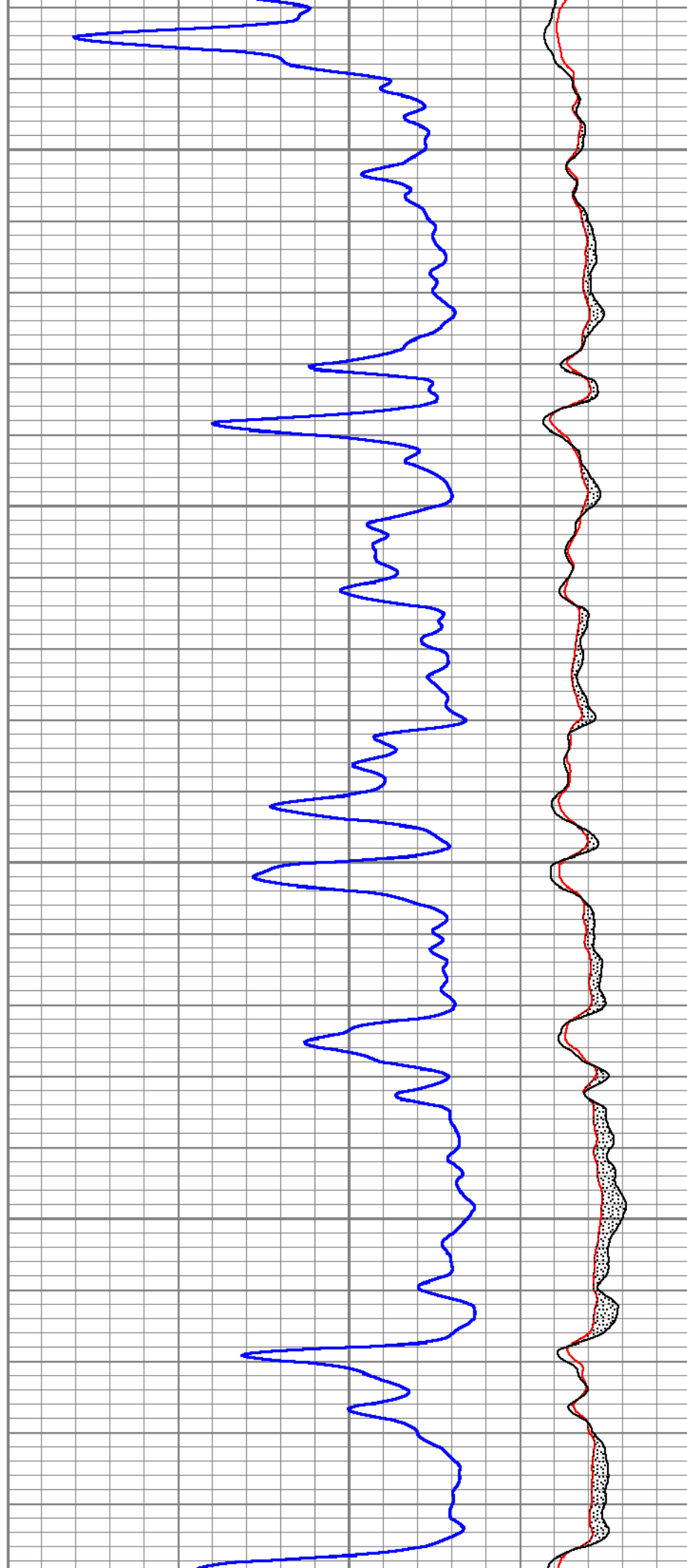


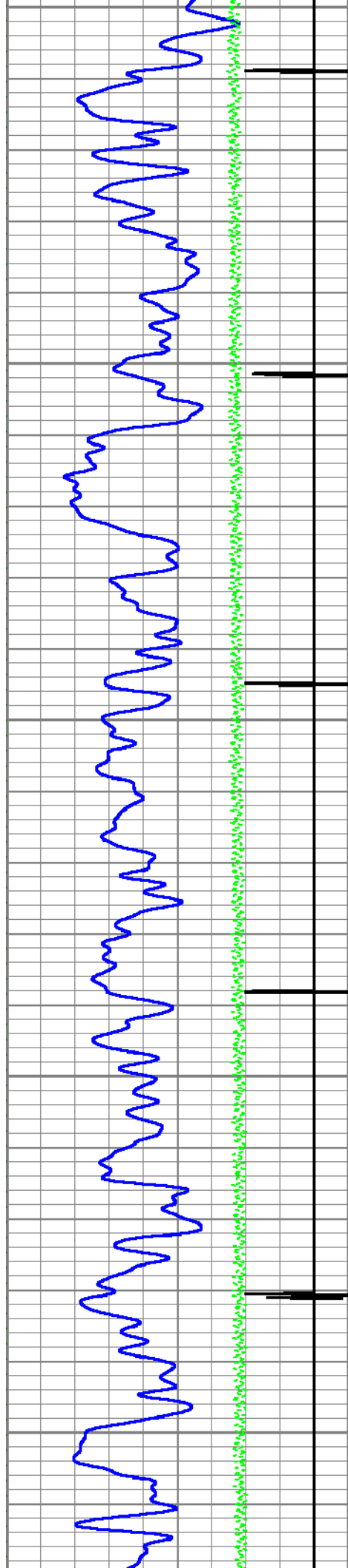


10400

10500

10600

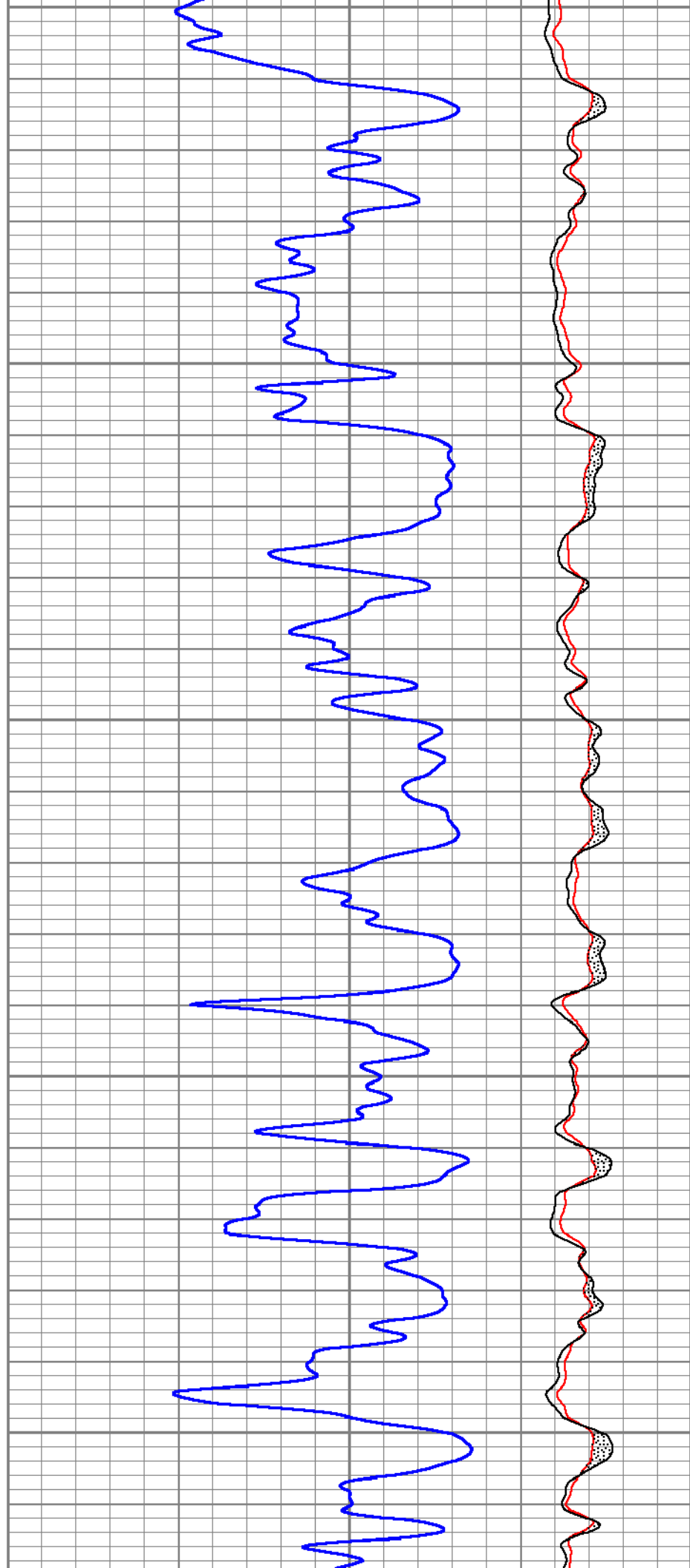


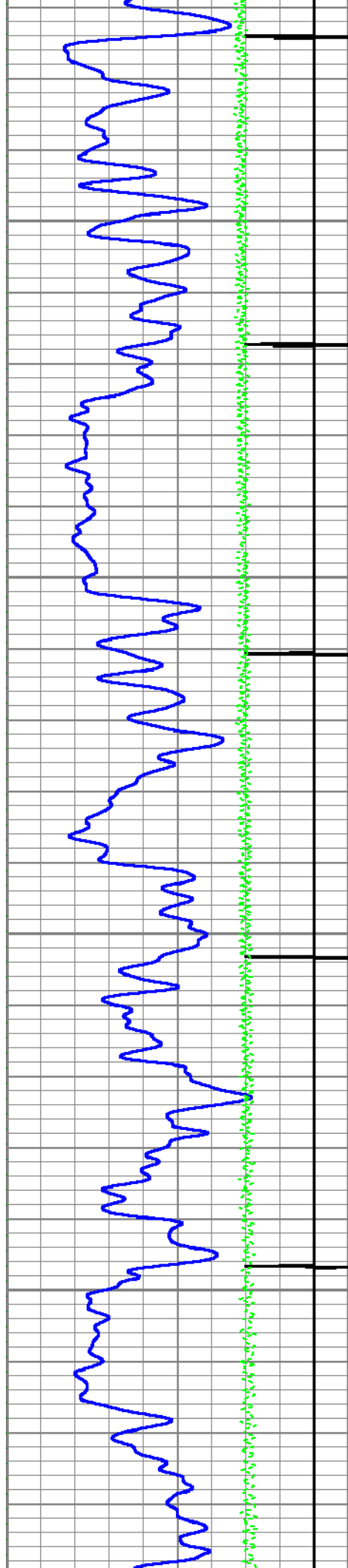


10600

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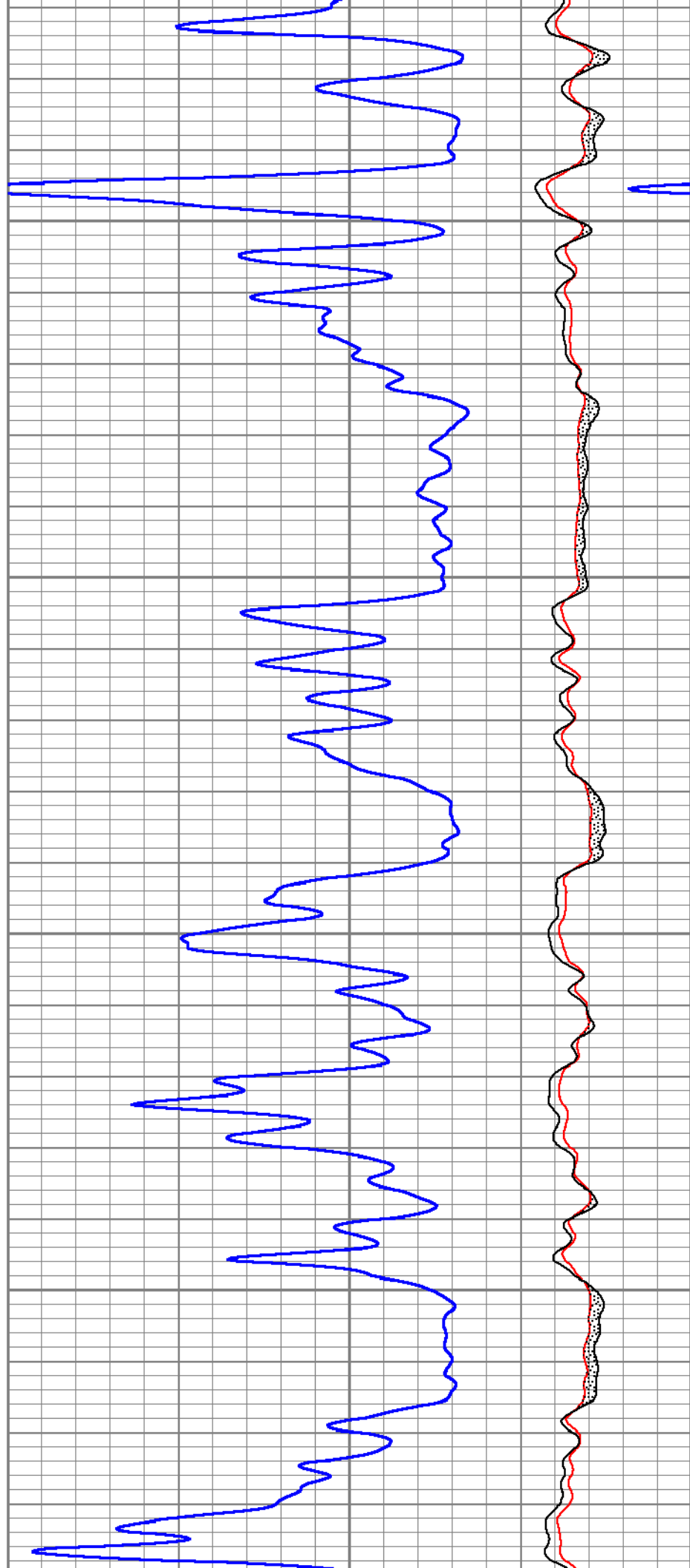
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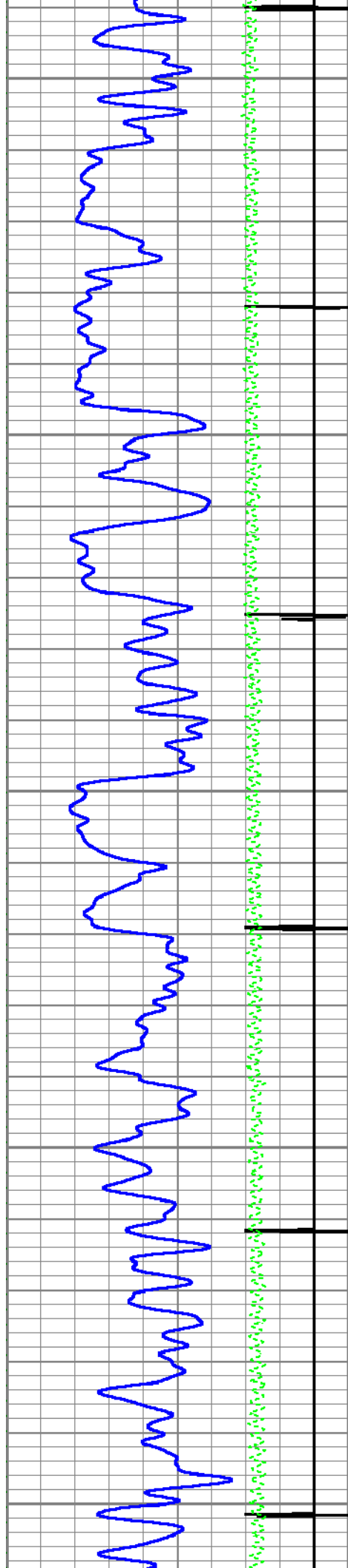




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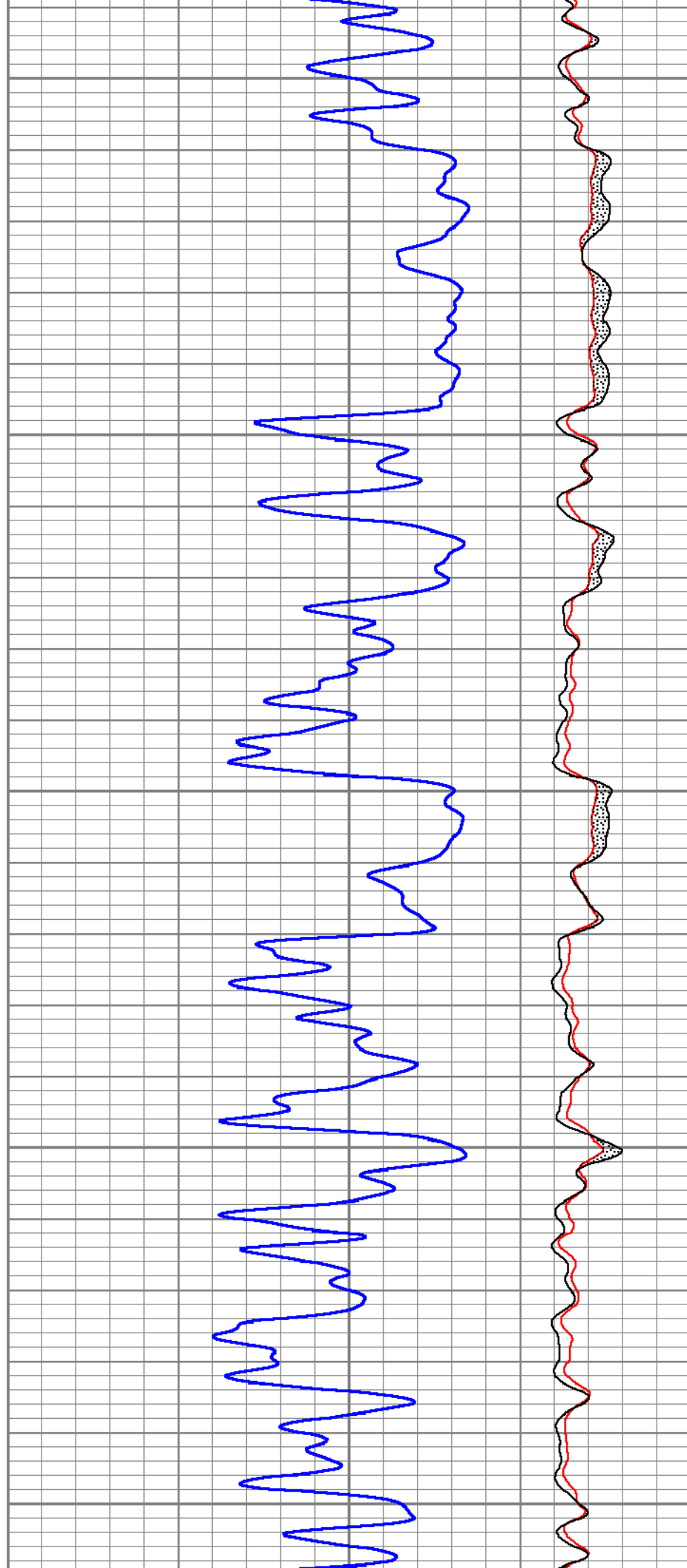
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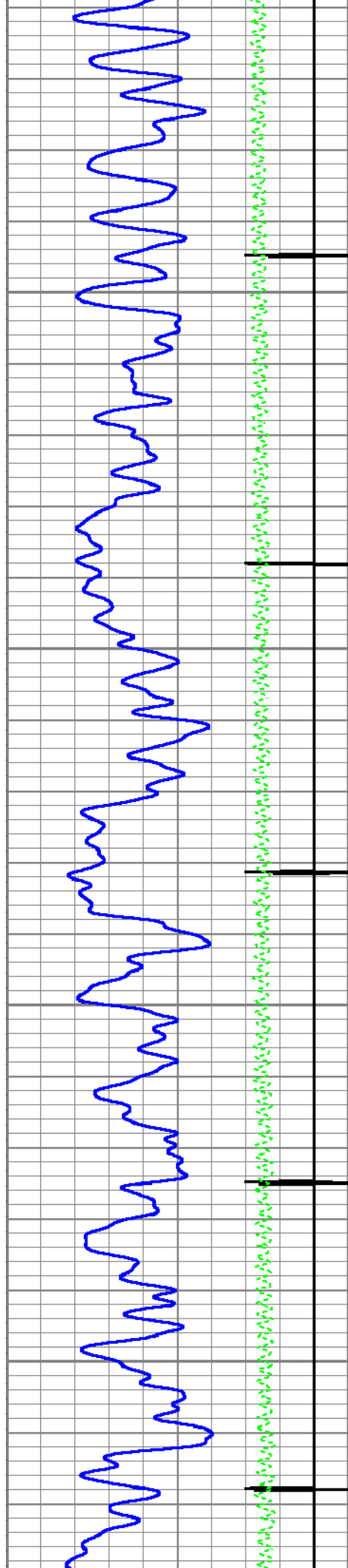




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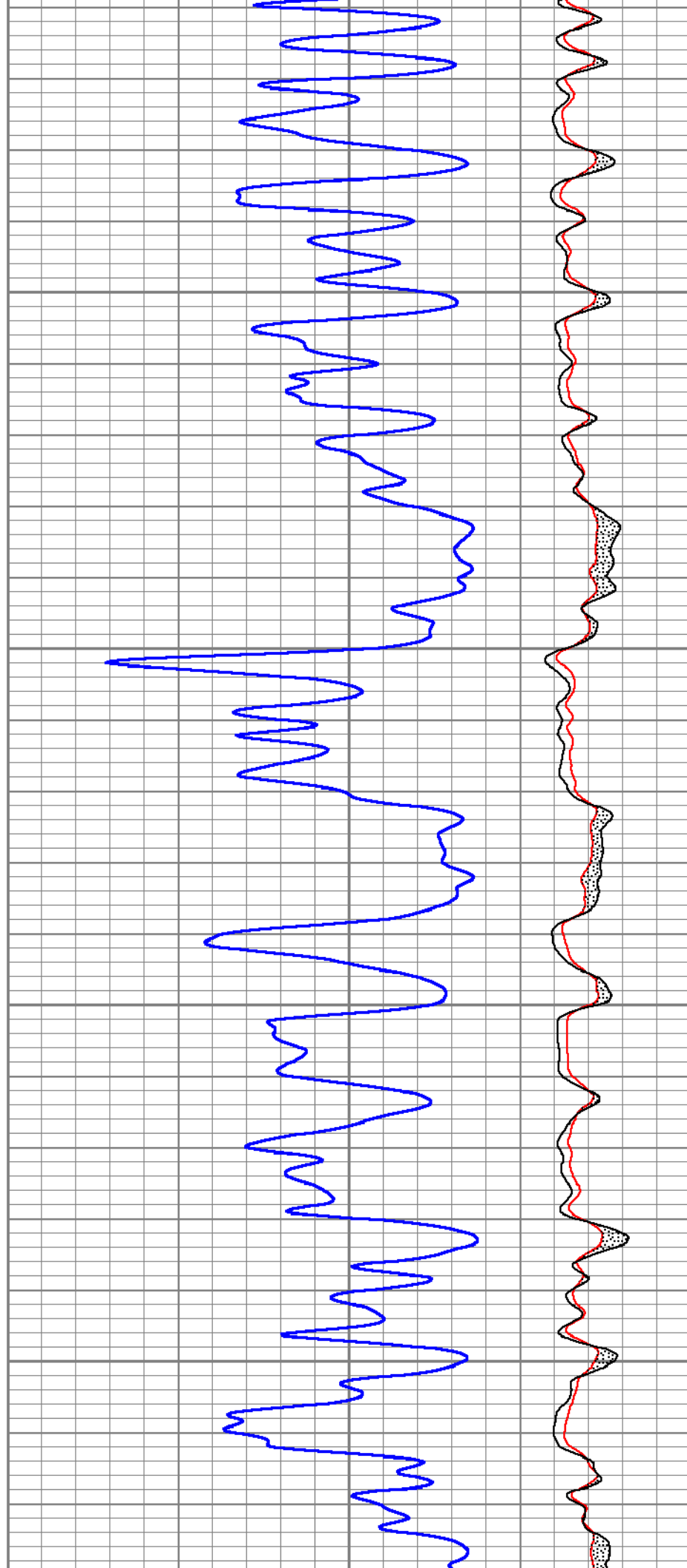
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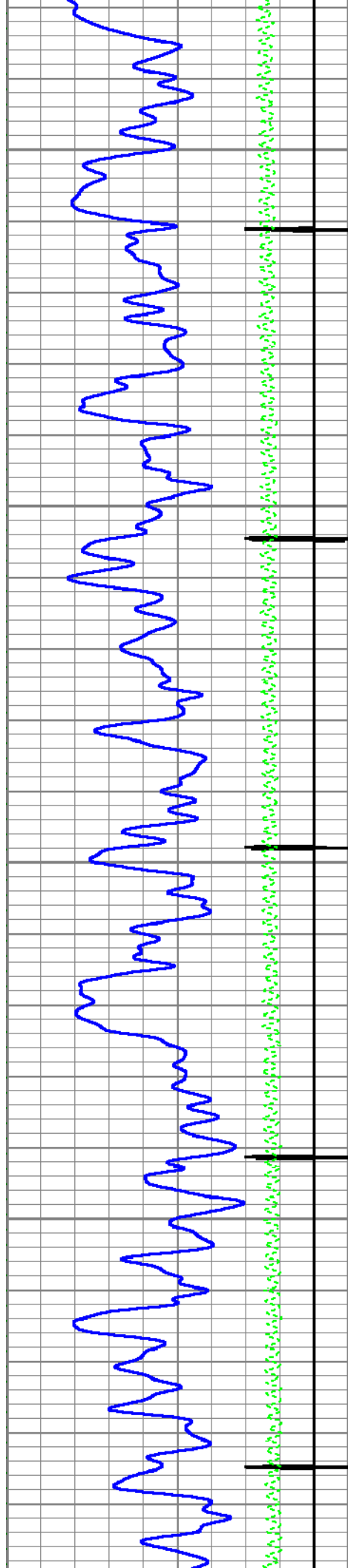




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11400

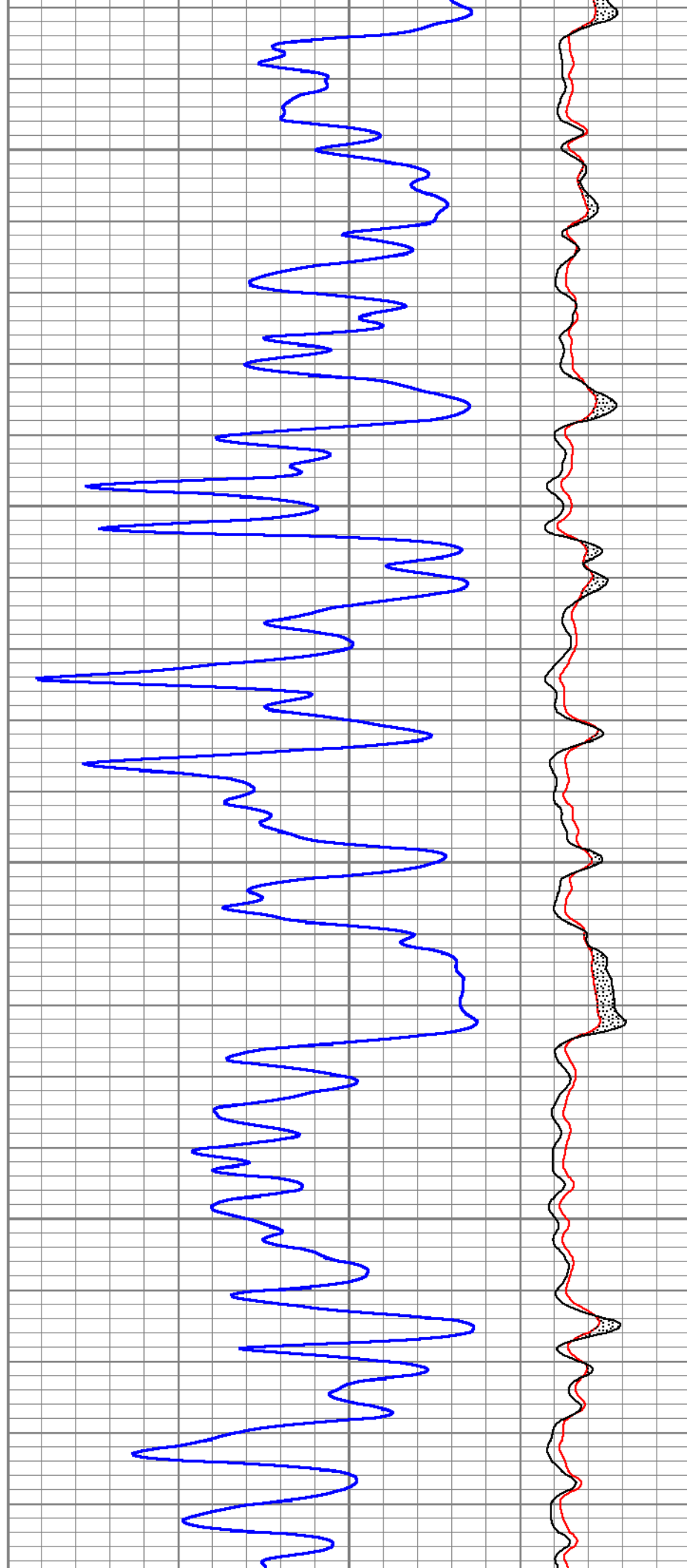




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11600

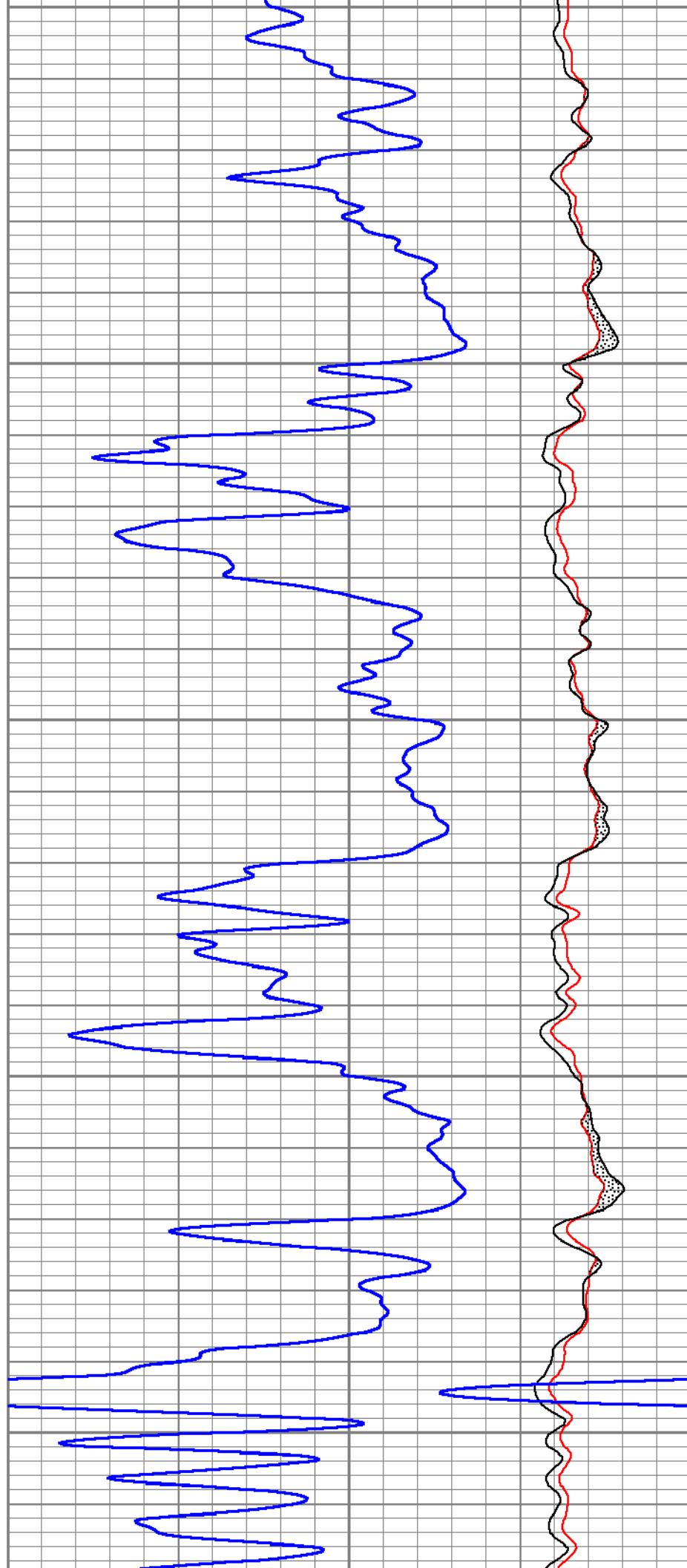
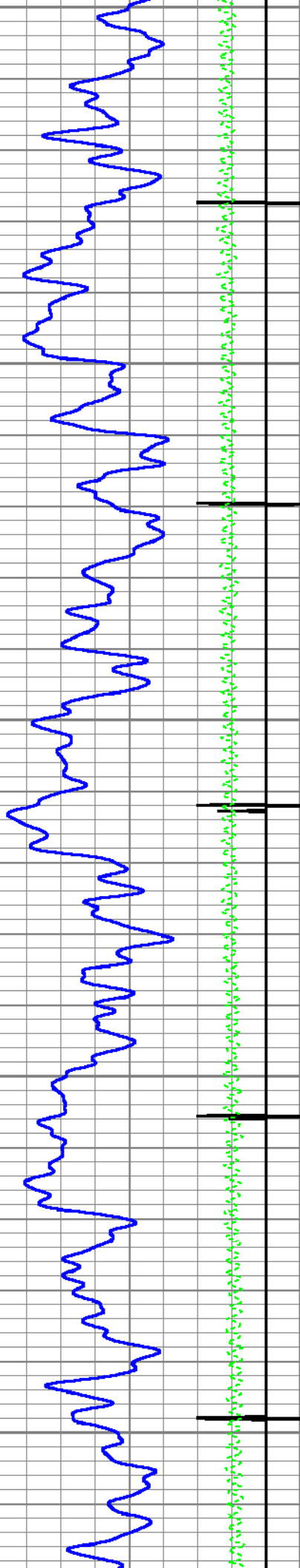
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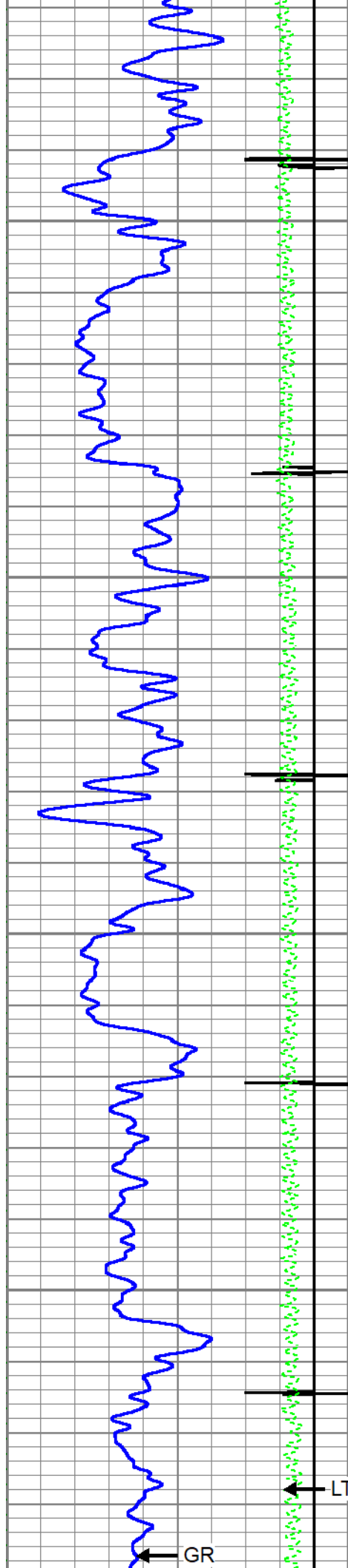


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11900



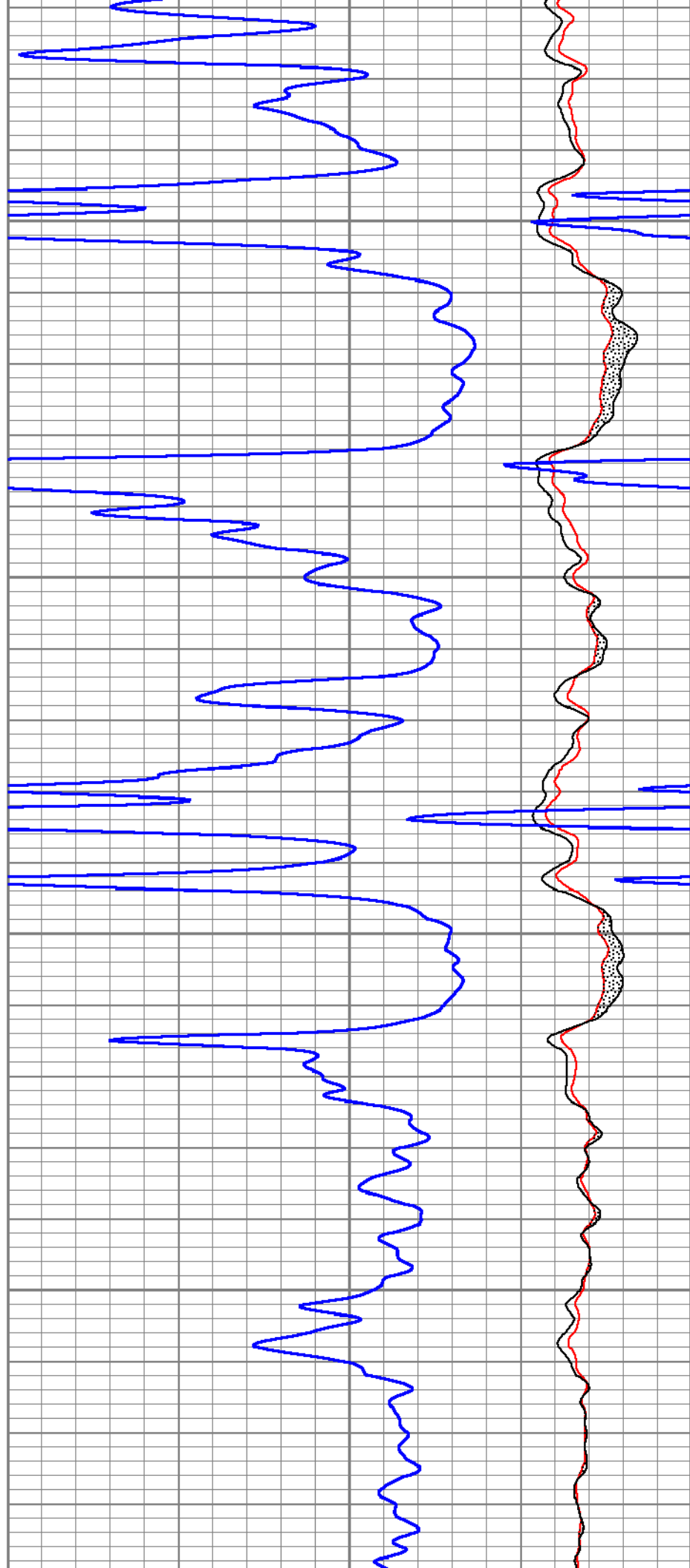


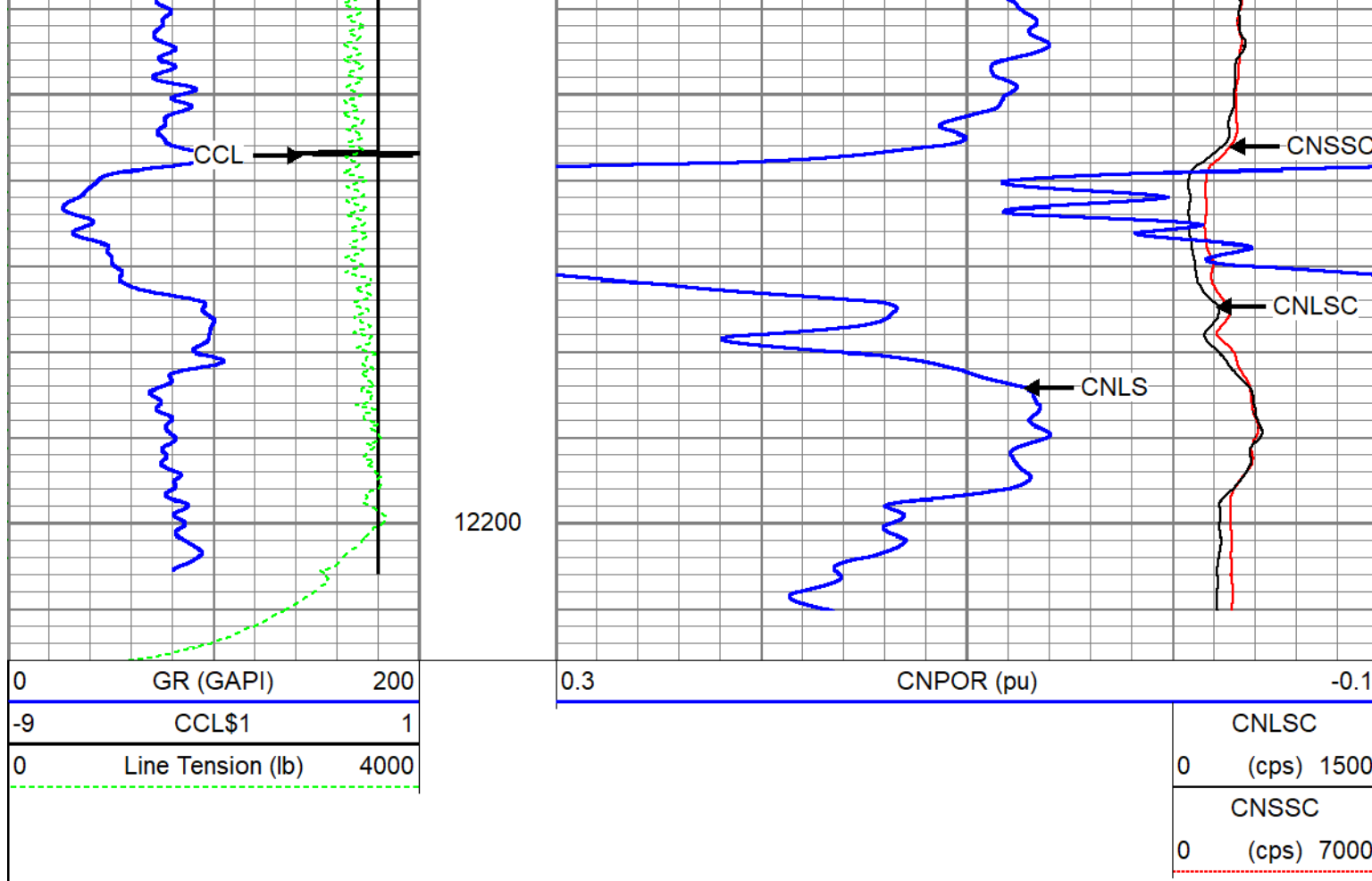
12000

12100

LTEN

GR





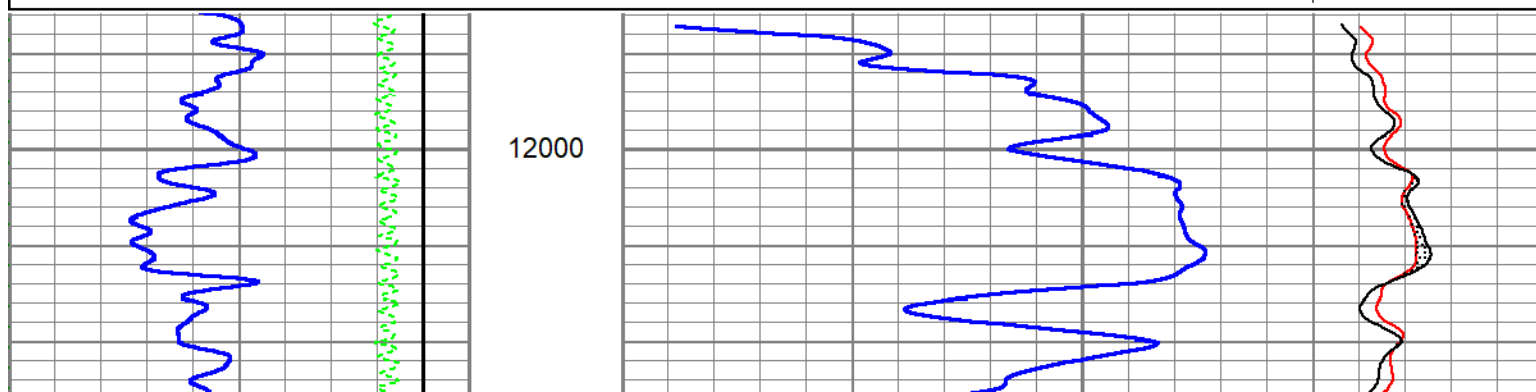


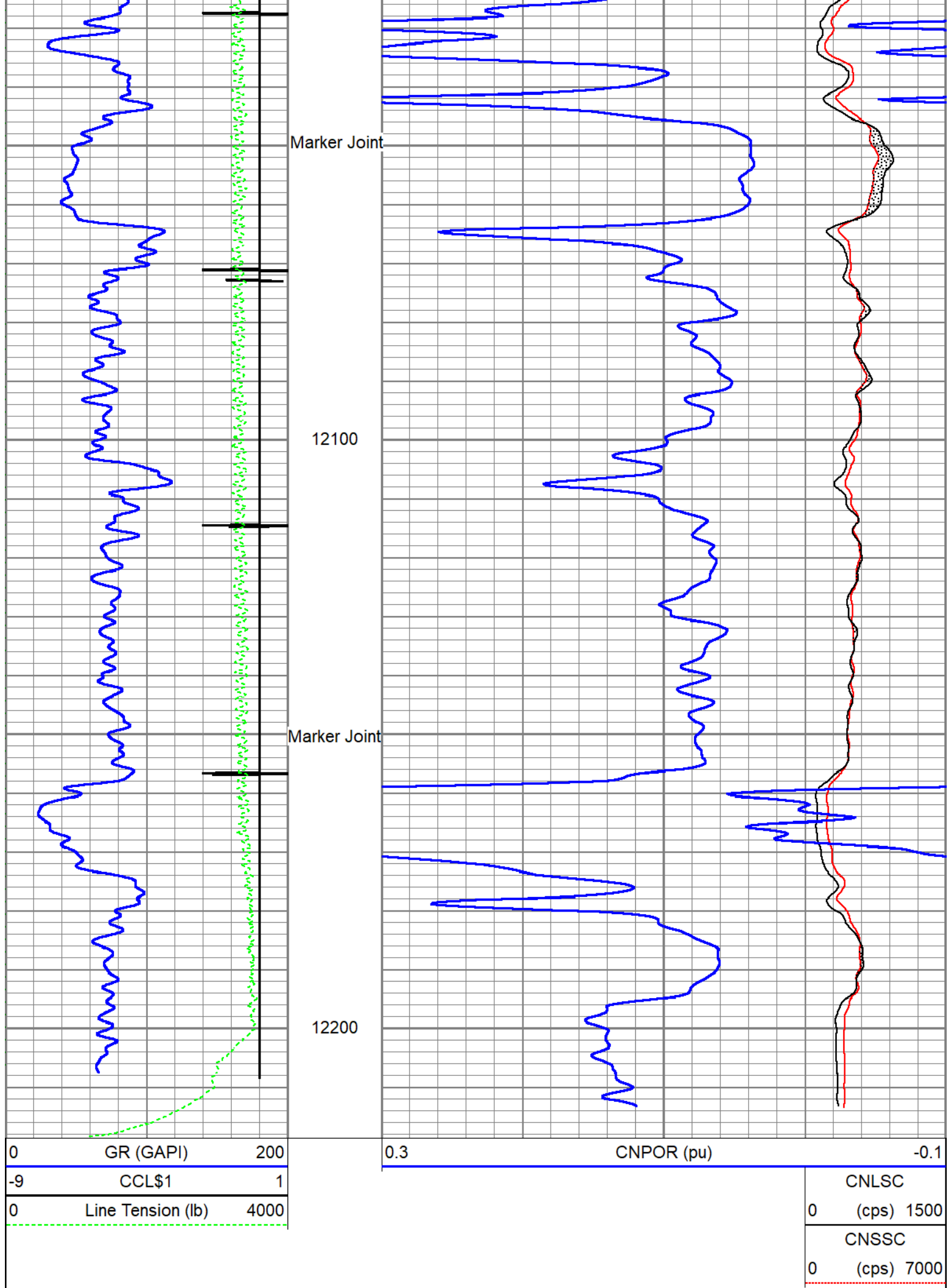
Repeat Pass 5" = 100'

Database File	caerus_bju b26 fed 23d-26-496_rcbl-cn1_12-23-2022.db
Dataset Pathname	repeat
Presentation Format	twgcnl
Dataset Creation	Fri Dec 23 14:04:47 2022
Charted by	Depth in Feet scaled 1:240

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

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





Calibration Report	
Database File	caerus_bju b26 fed 23d-26-496_rcbl-cnI_12-23-2022.db
Dataset Pathname	main
Dataset Creation	Fri Dec 23 14:11:40 2022

Compensated Neutron Calibration Report
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Type / Serial:	275Dig / FW1409-35
Source / Verifier:	/
Temperature:	

SHOP CALIBRATION		Thu Mar 31 15:47:13 2022		
	Cal Tube	Units		
Tank Ratio		SS/LS		
Tank Porosity		pu		
LS Detector		cps		
SS Detector		cps		
Tool Ratio		SS/LS		
Tool Porosity		pu		
Tool Constant =				
Field Verifier	SS Detector	LS Detector	Ratio	Porosity

PRE-SURVEY VERIFICATION				
	SS Detector	LS Detector	Ratio	Porosity

POST-SURVEY VERIFICATION				
	SS Detector	LS Detector	Ratio	Porosity

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:

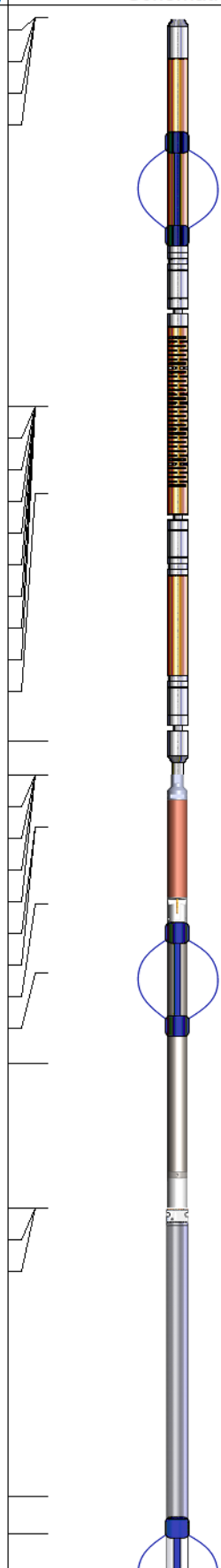
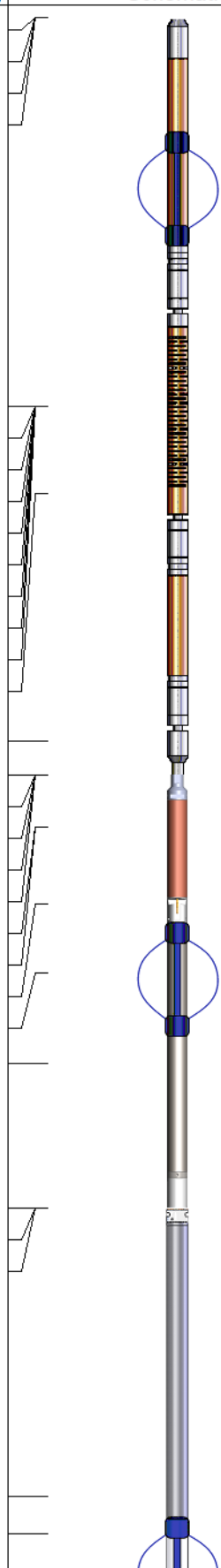
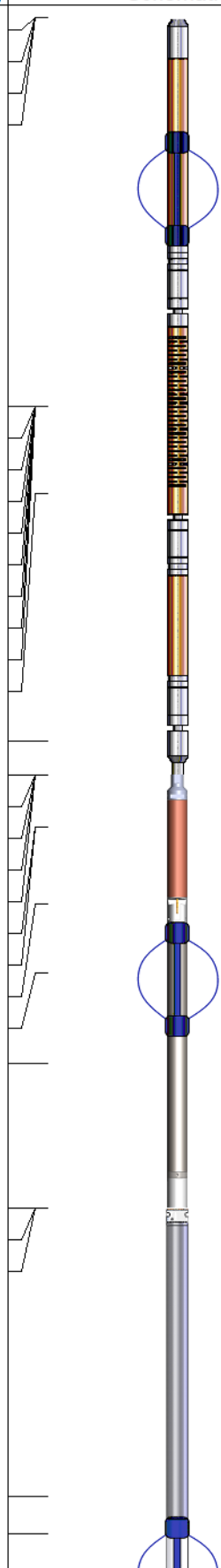
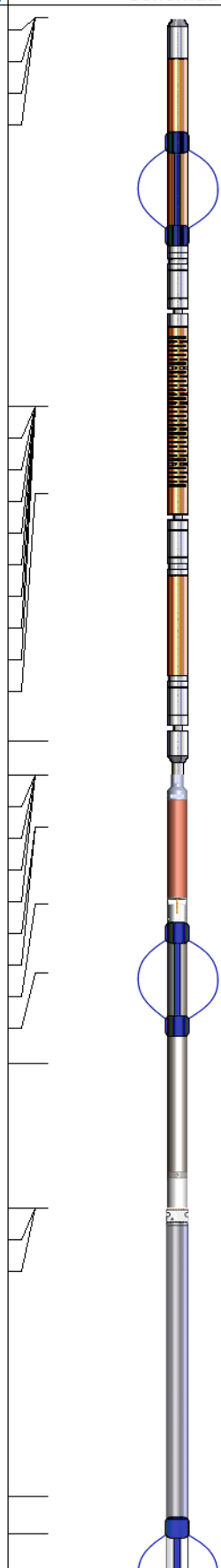
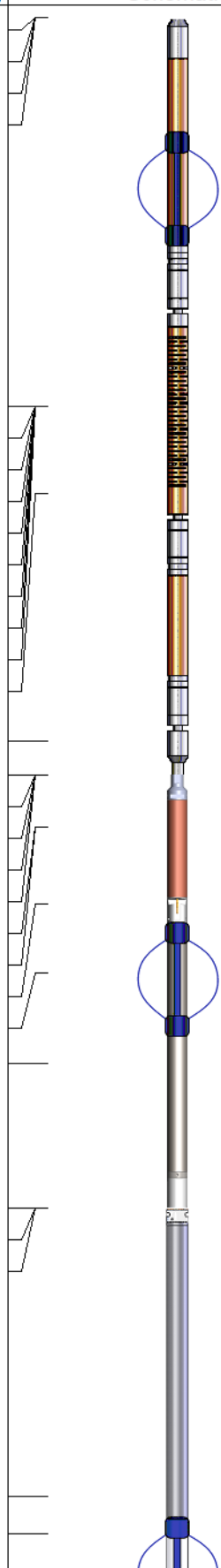
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	


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					
mSec_Count	19.32					
RBT_Status	19.32					
Error_Ct	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
			RBT8acc-Probe275acc (FW1311-19) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	14.82					
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					
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					
			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
			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_ACCX	5.57					
			CNT-275Dig (FW1409-35) Probe Digital CNL	5.24	2.75	40.00
CNLSC	2.24					
CNSSC	1.81					
			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow	1.33	3.25	10.00

			Spring Centralizer Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00
Dataset: caerus_bju b26 fed 23d-26-496_rcbl-cnI_12-23-2022.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 23D-26-496		
Field	Grand Valley		
County	Garfield	State	Colorado
		Compensated Neutron Gamma Ray Casing Collar Log	