



Compensated Neutron
Gamma Ray
Casing Collar Log

Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 Fed 21C-27-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Company	Caerus Piceance LLC.		
Well	BJU B26 Fed 21C-27-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Country	USA		
Location:	API # : 05-045-24451	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		
		Elevation	K.B. 8241' D.F. 8240' G.L. 8211'

Date 12-OCT-2022

Run Number	One		
Depth Driller	12683 FT		
Depth Logger	12538 FT		
Bottom Logged Interval	12524 FT		
Top Log Interval	8100 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	06:38		
Equipment Number	8053		
Location	Grand Junction Colo		
Recorded By	A. Ellsworth		
Witnessed By	Z. Fisher		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
	8.75"	Surface	12683 FT				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36	Surface	3023.9 FT
Prot. String	4.5"	11.6	Surface	12647.8 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
Log ran from 12538 FT to 8100 FT
Log ran with 0 PSI surface induced pressure.

Thank you for choosing The Wireline Group!!!



Main Pass 5" = 100'

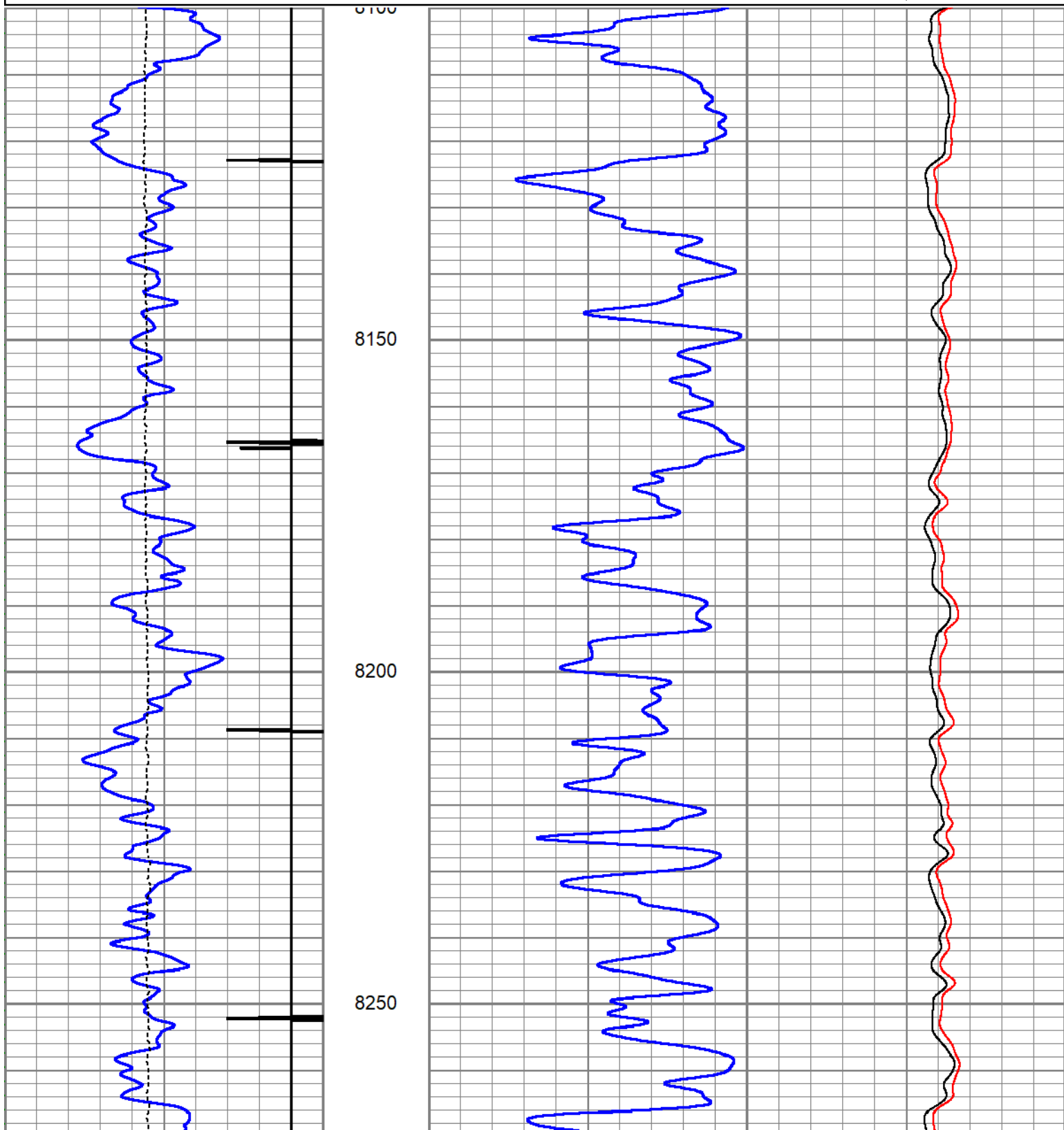
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Dataset Pathname	main
Presentation Format	cnl
Dataset Creation	Wed Oct 12 06:38:43 2022
Charted by	Depth in Feet scaled 1:240

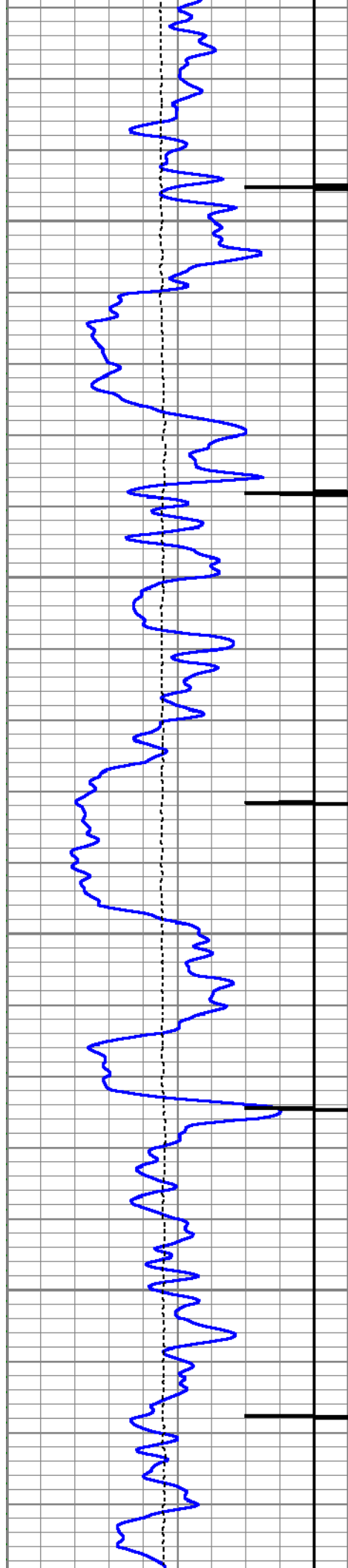
0	GR (GAPI)	200
-9	CCL	1
0	Line Tension (lb)	4000

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

CNSSC
0 (cps) 7000



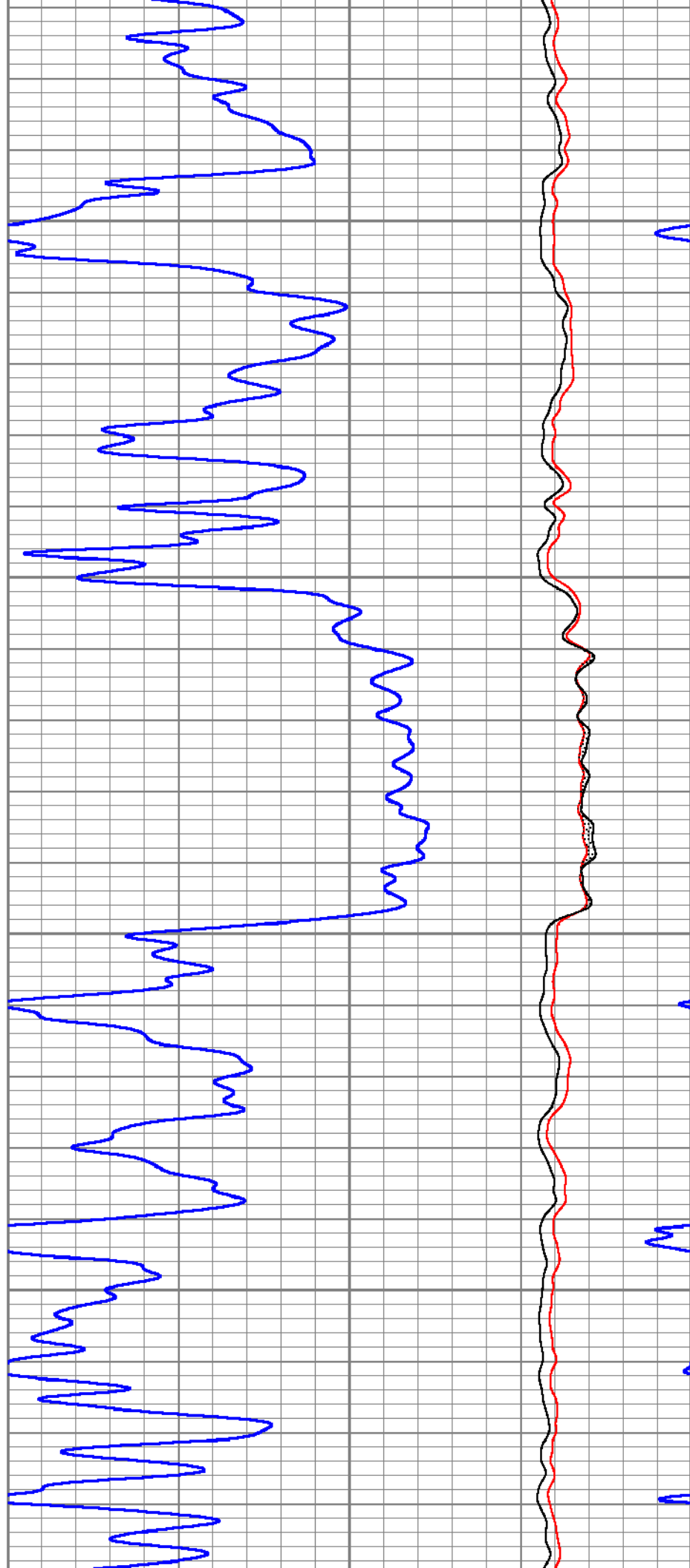


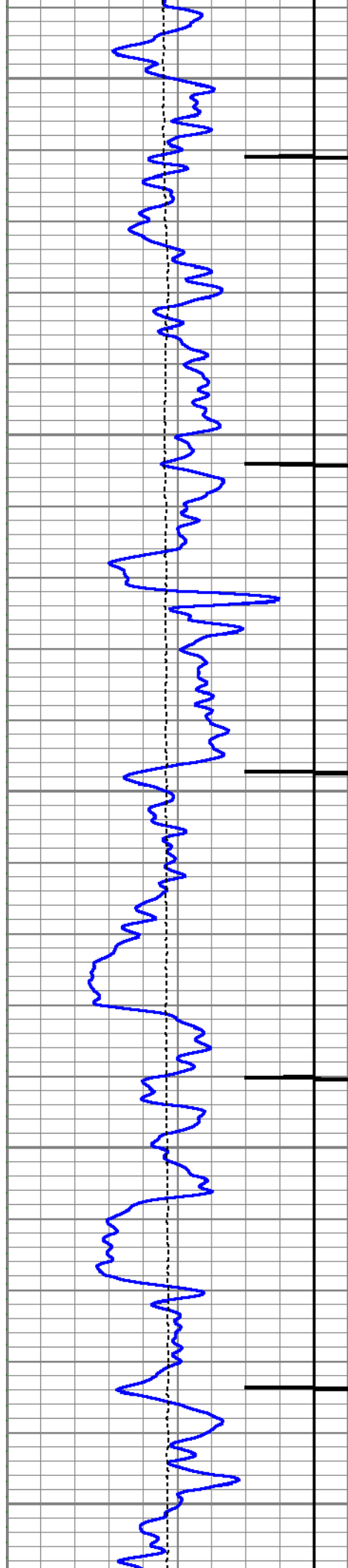
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8350

8400

8450





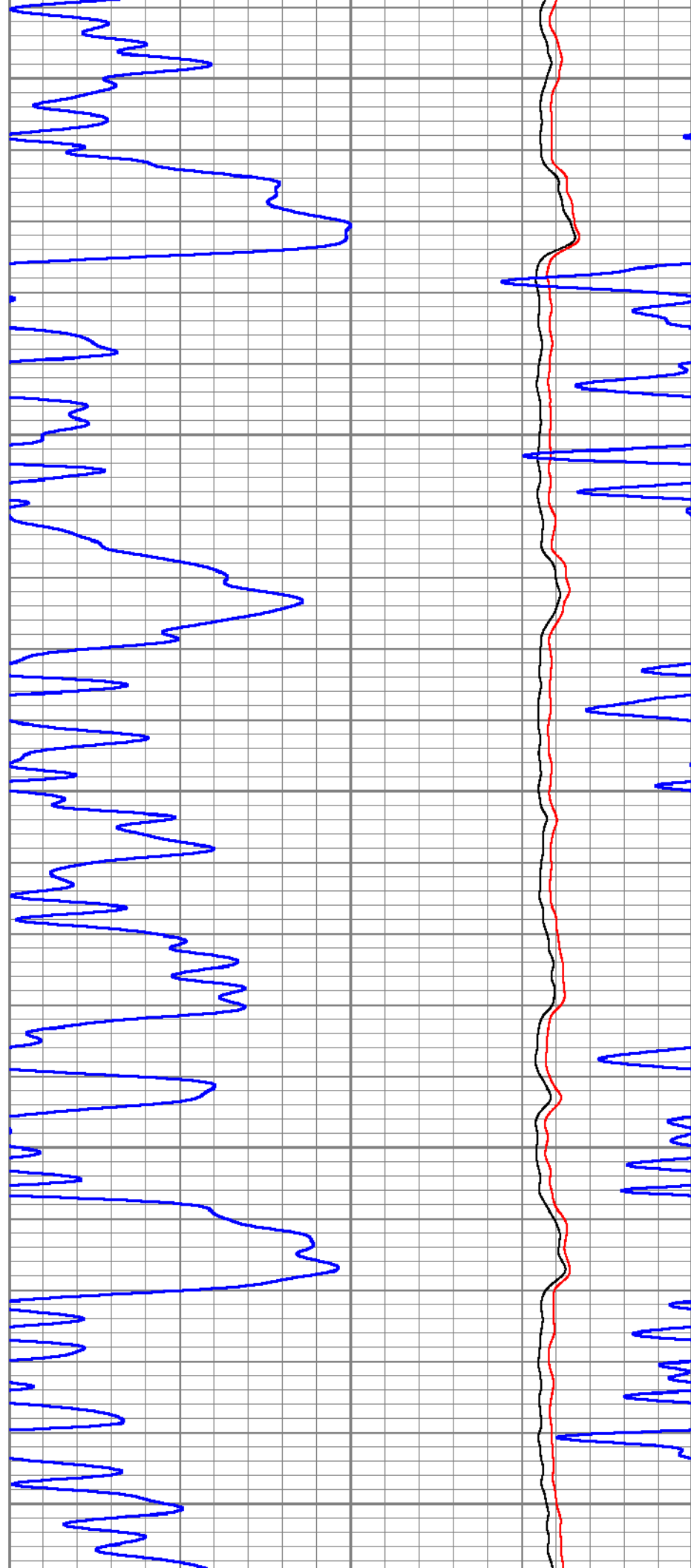
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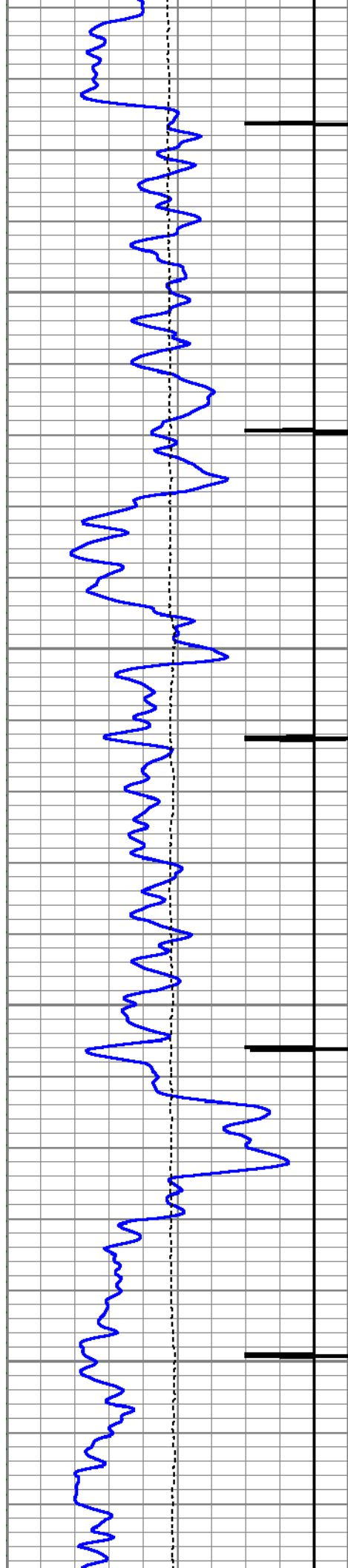
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8650

8700



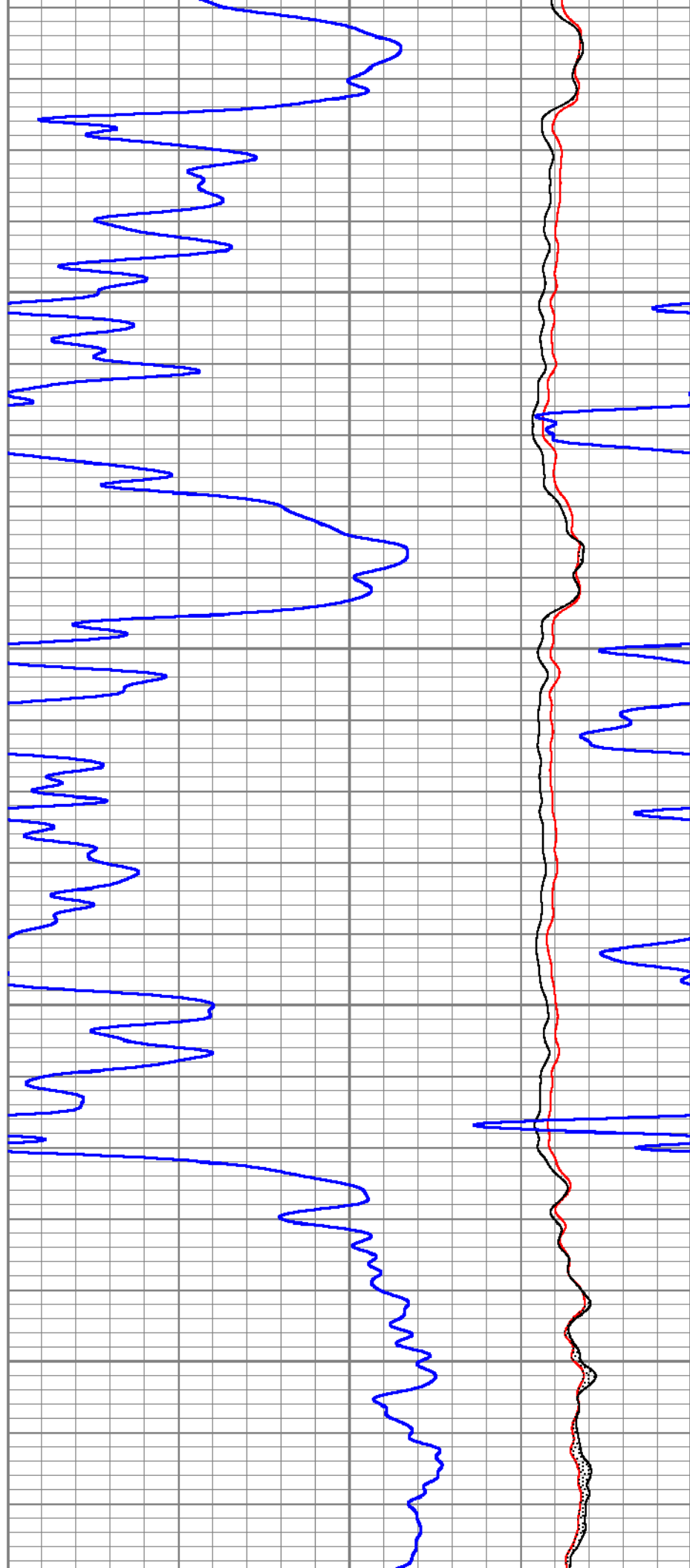


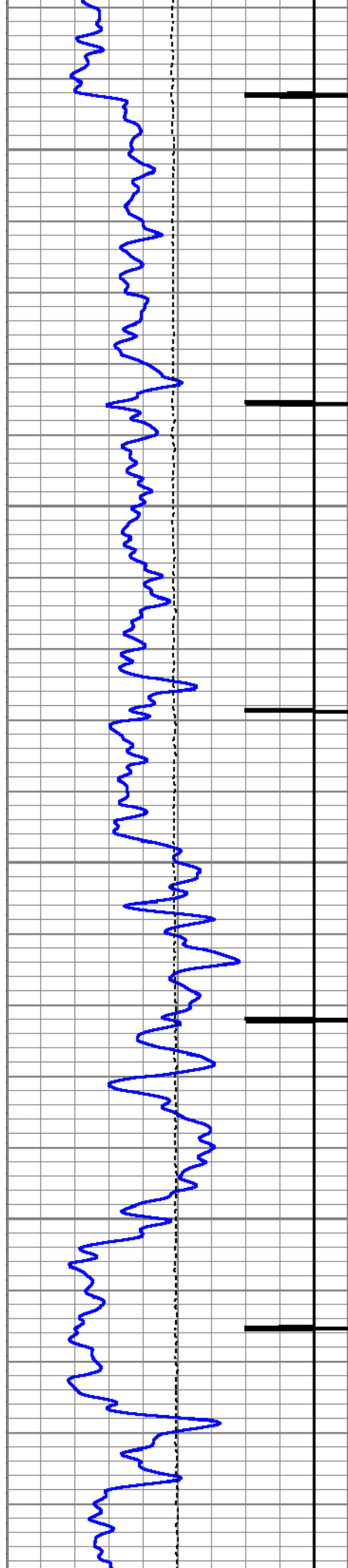
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8900





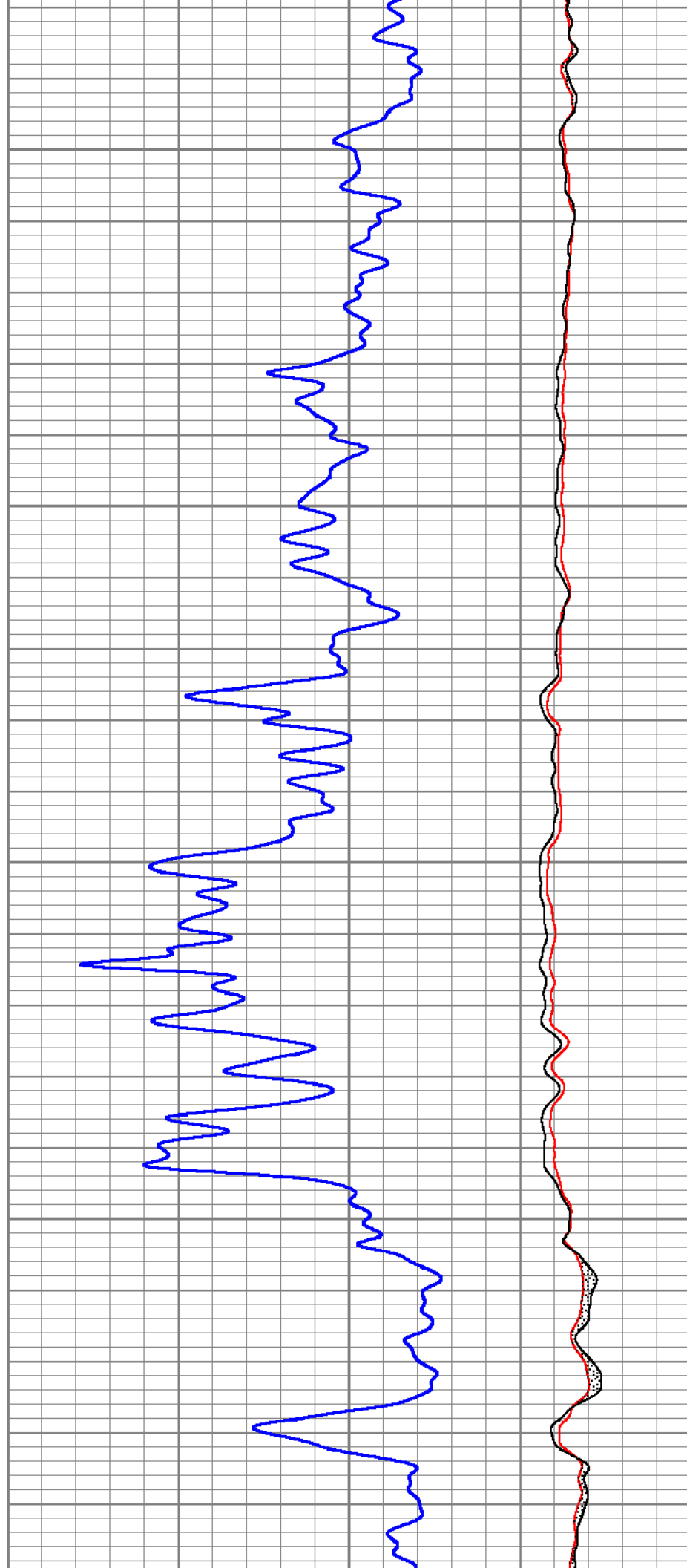
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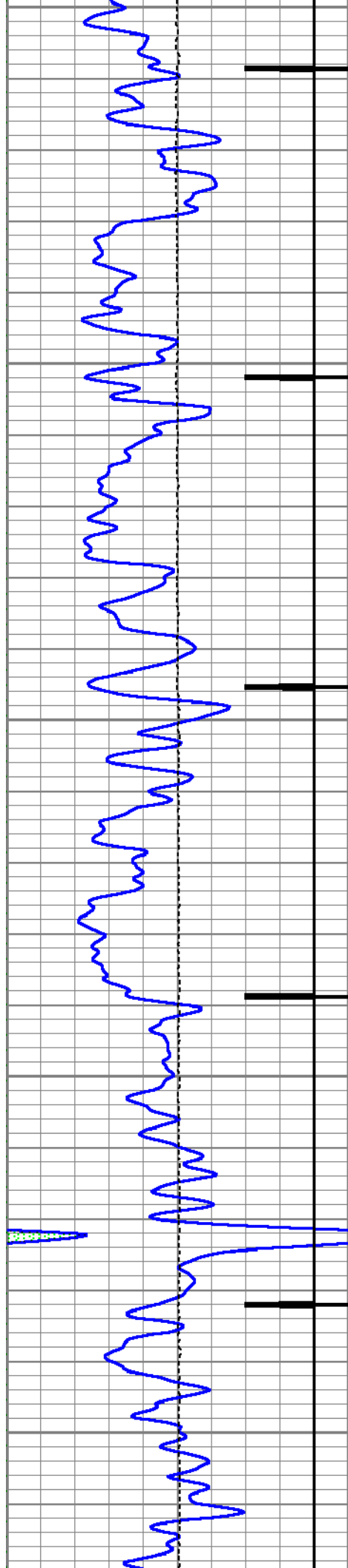
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9150





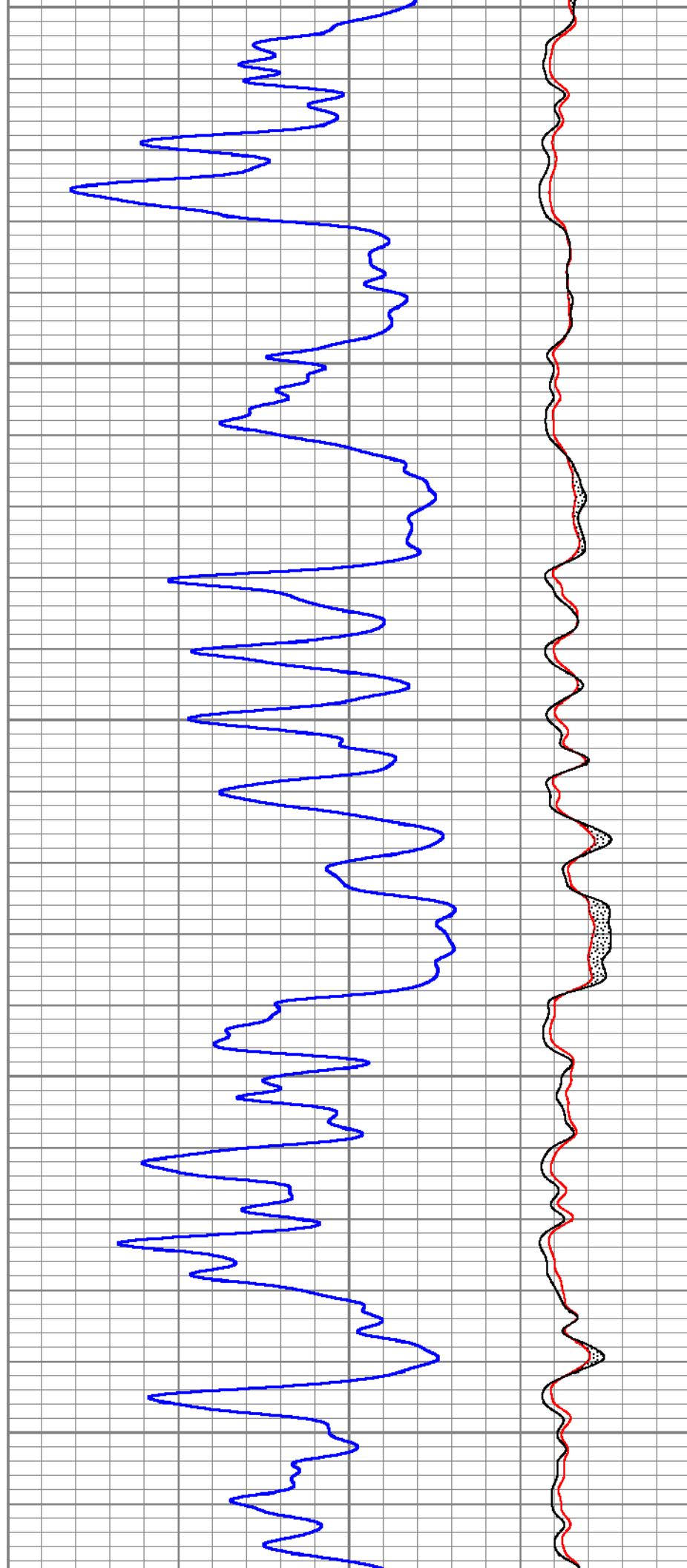
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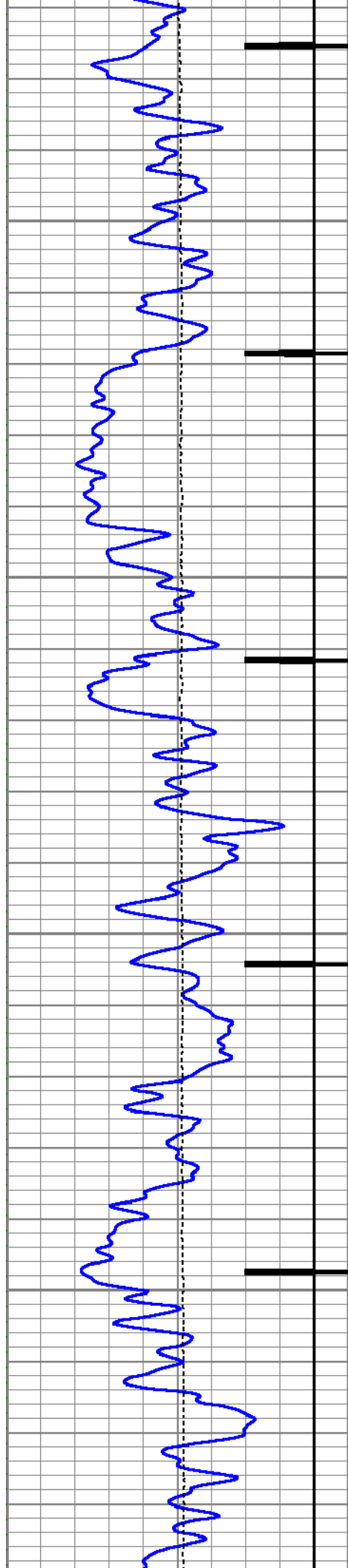
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9250

9300

9350



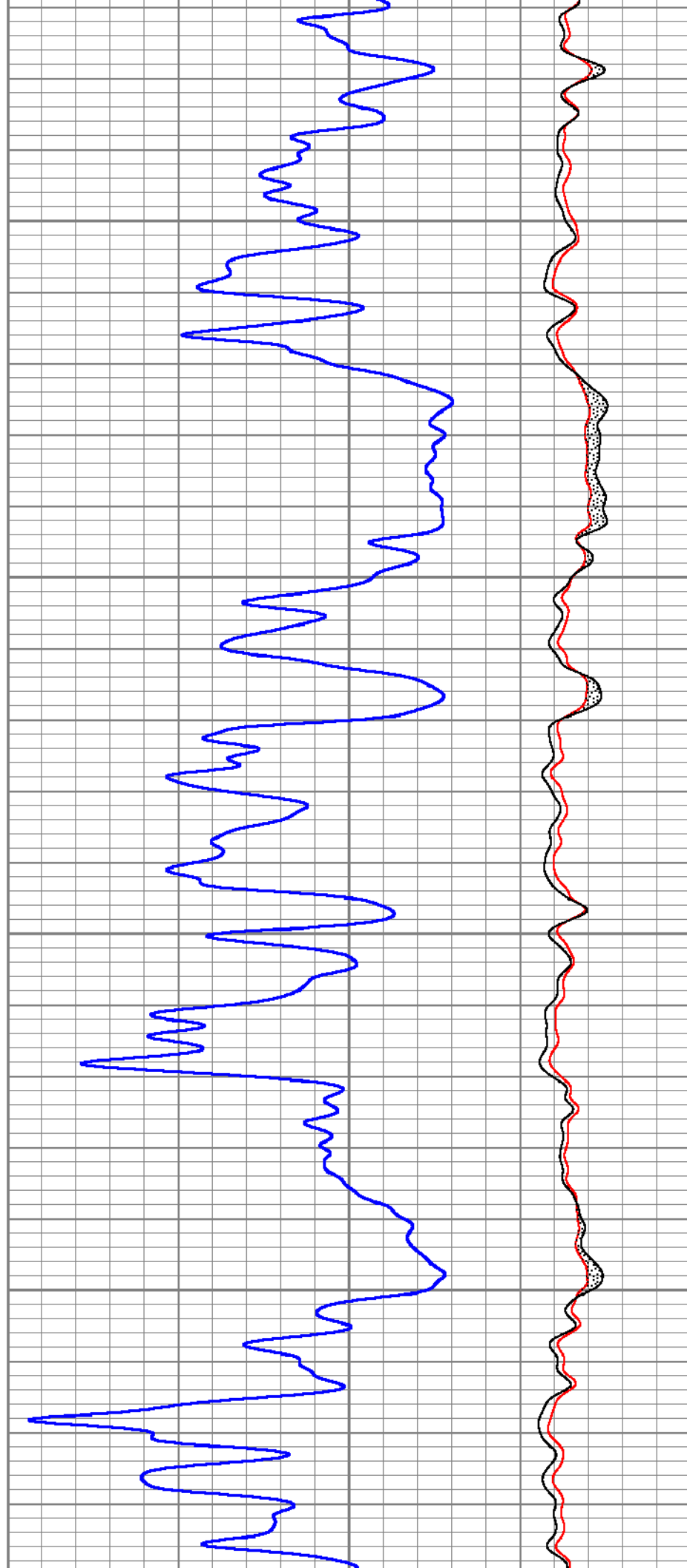


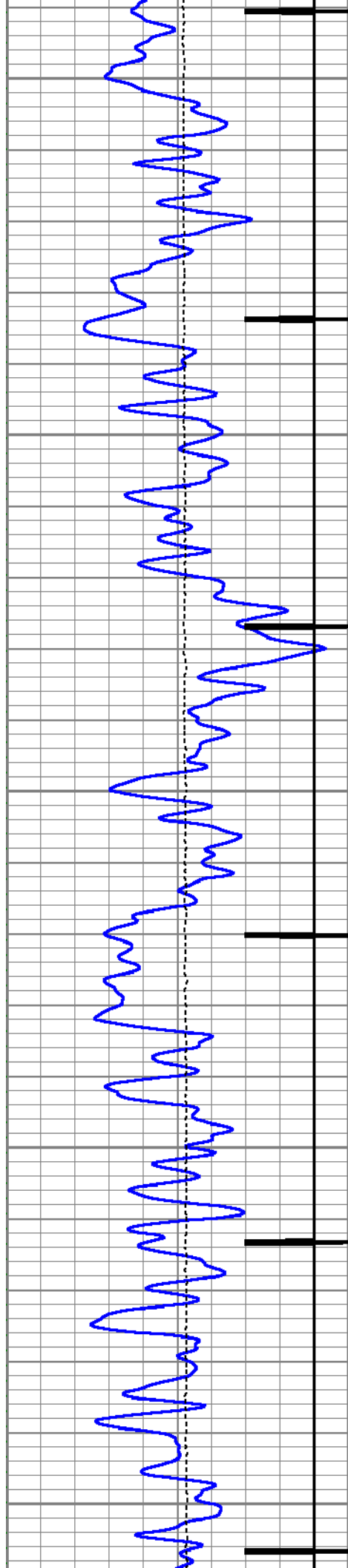
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9550





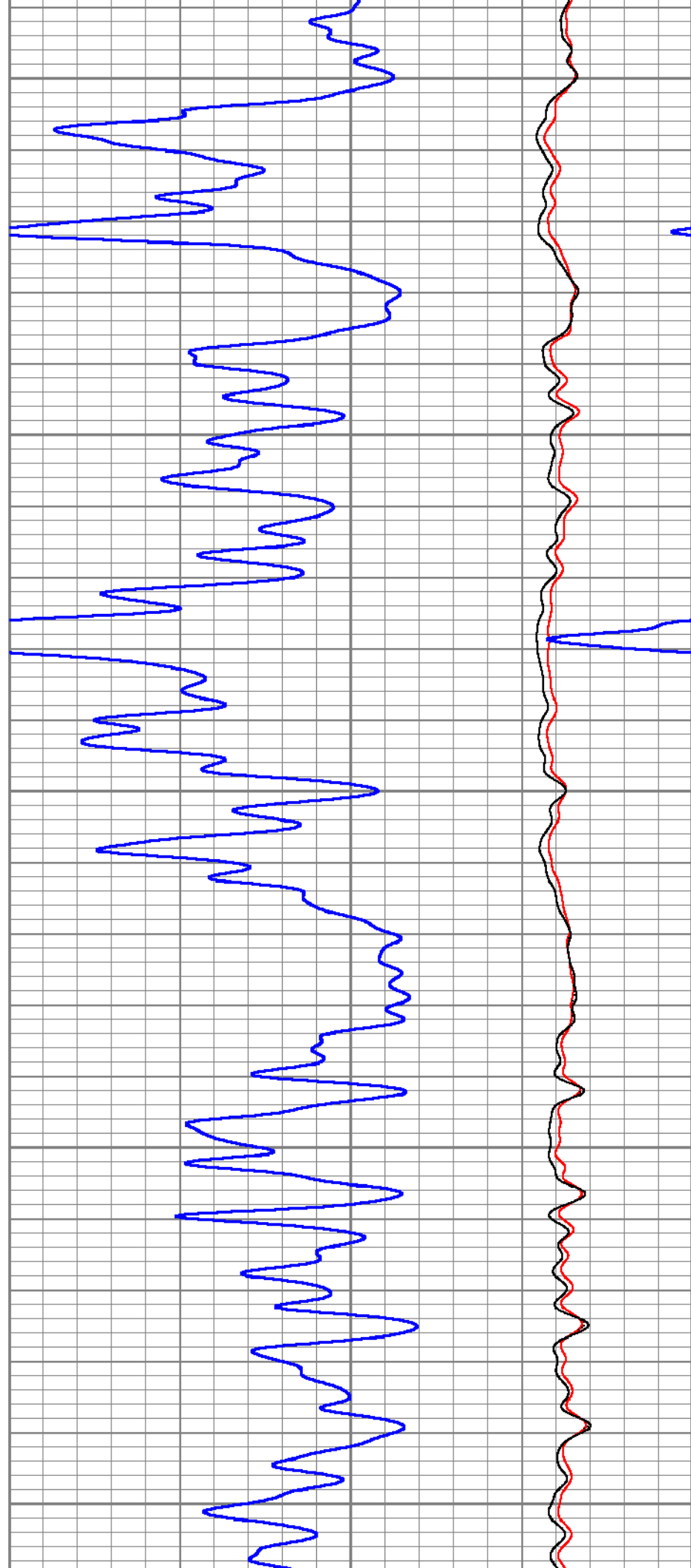
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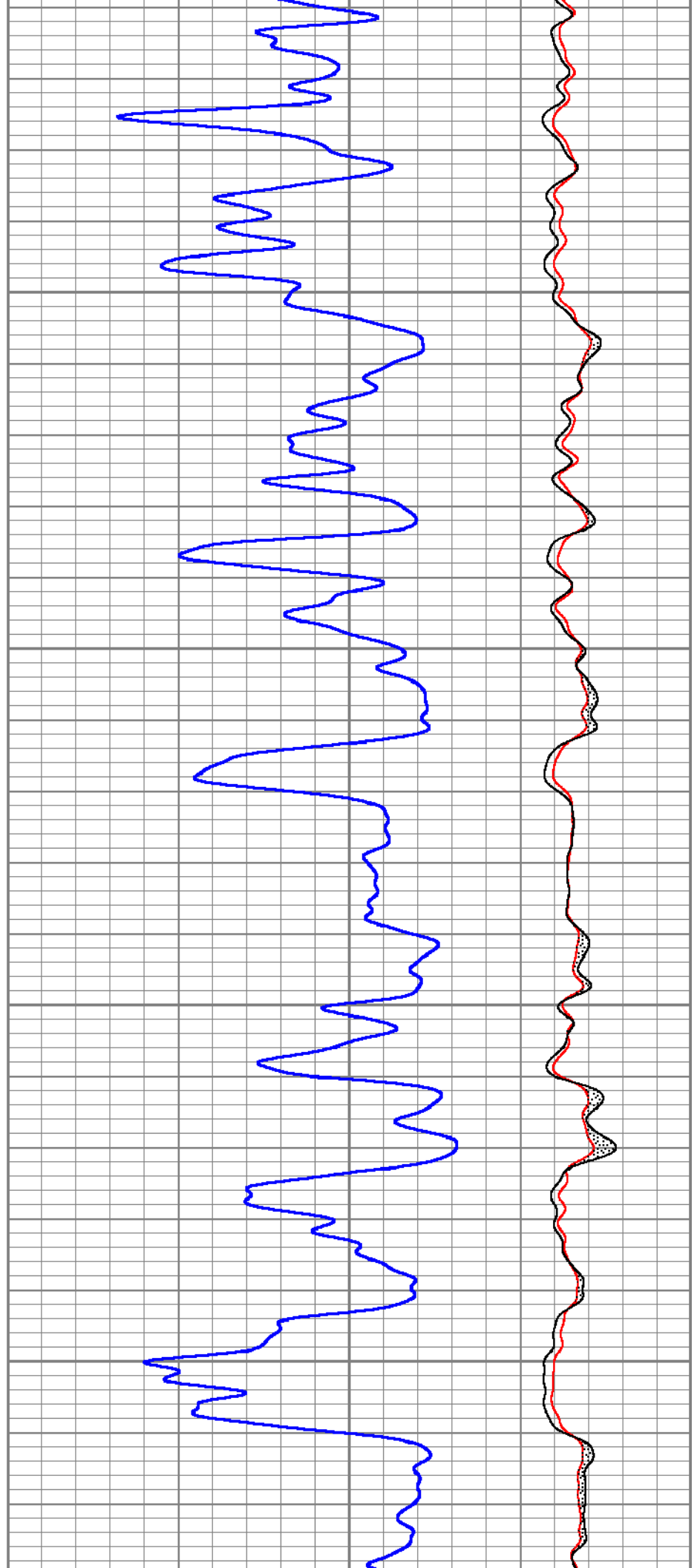
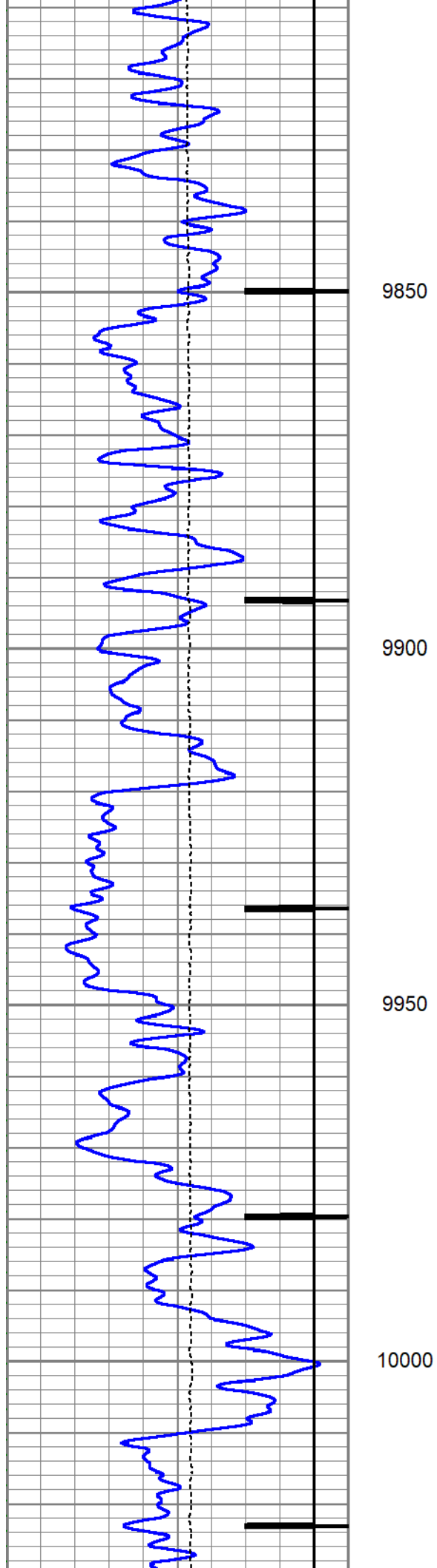
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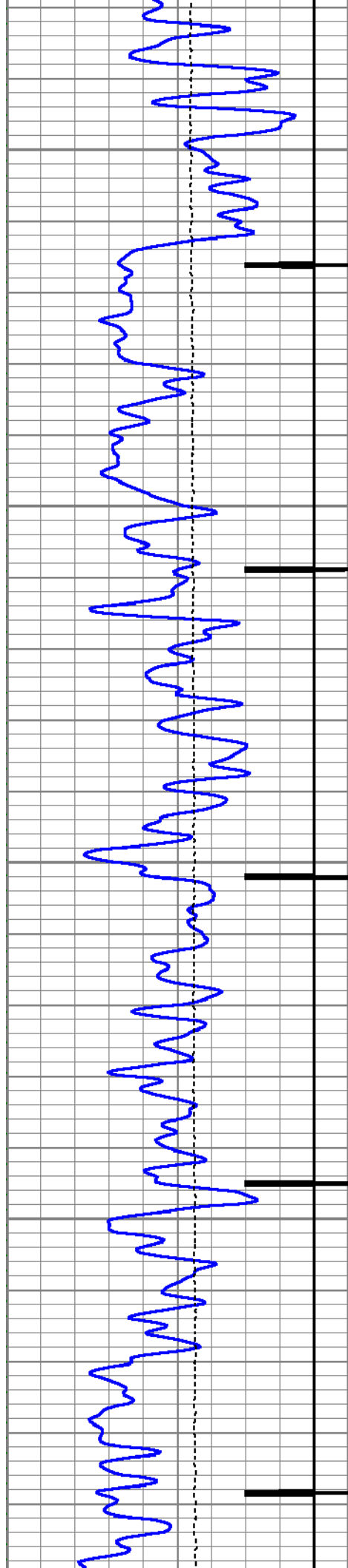
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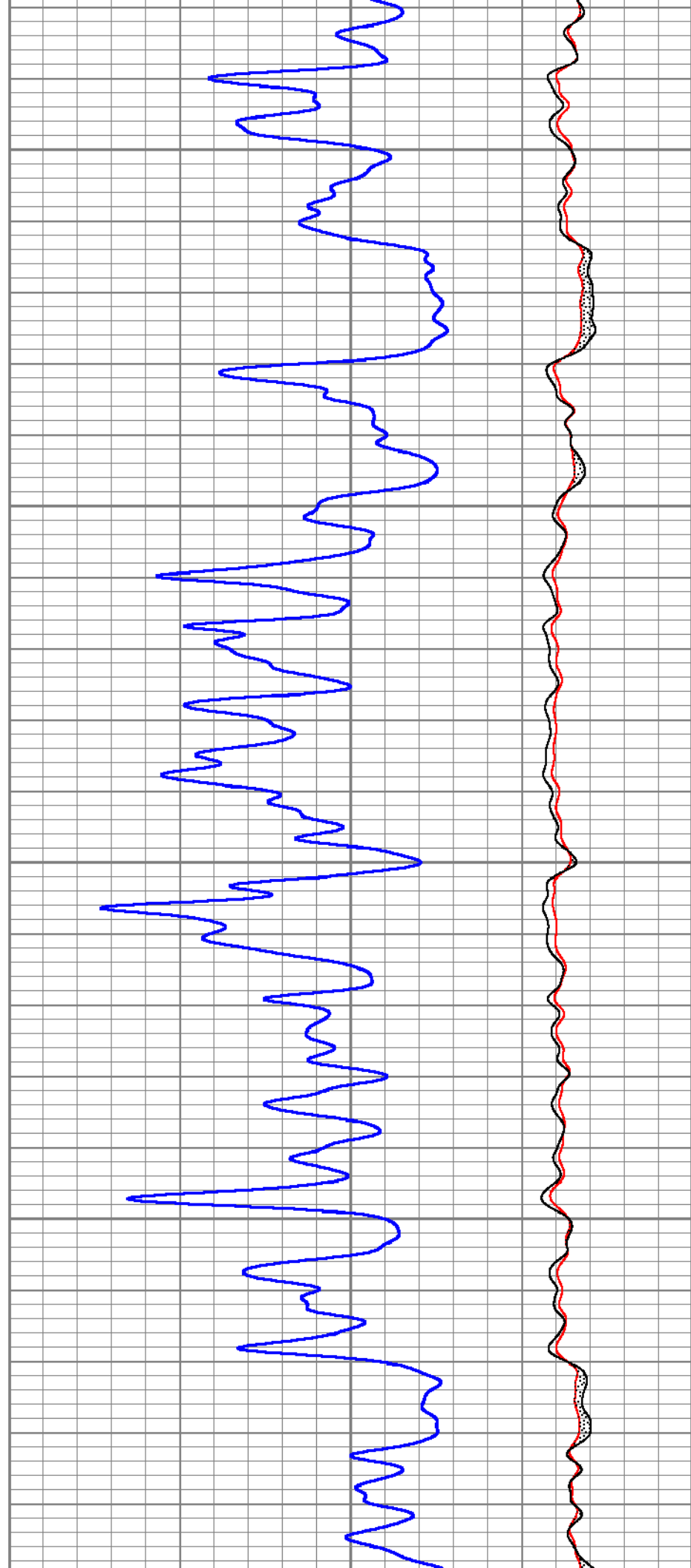
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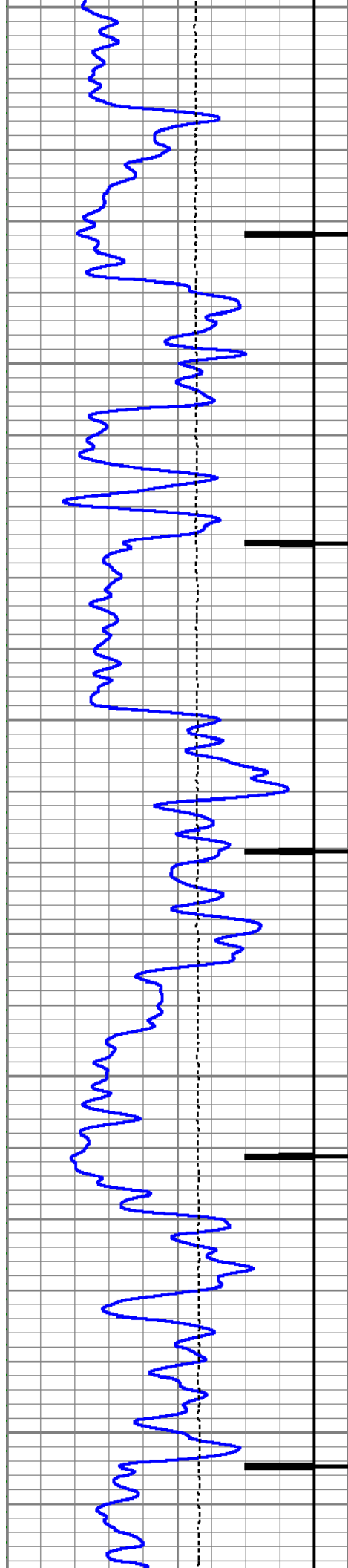
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10150

10200

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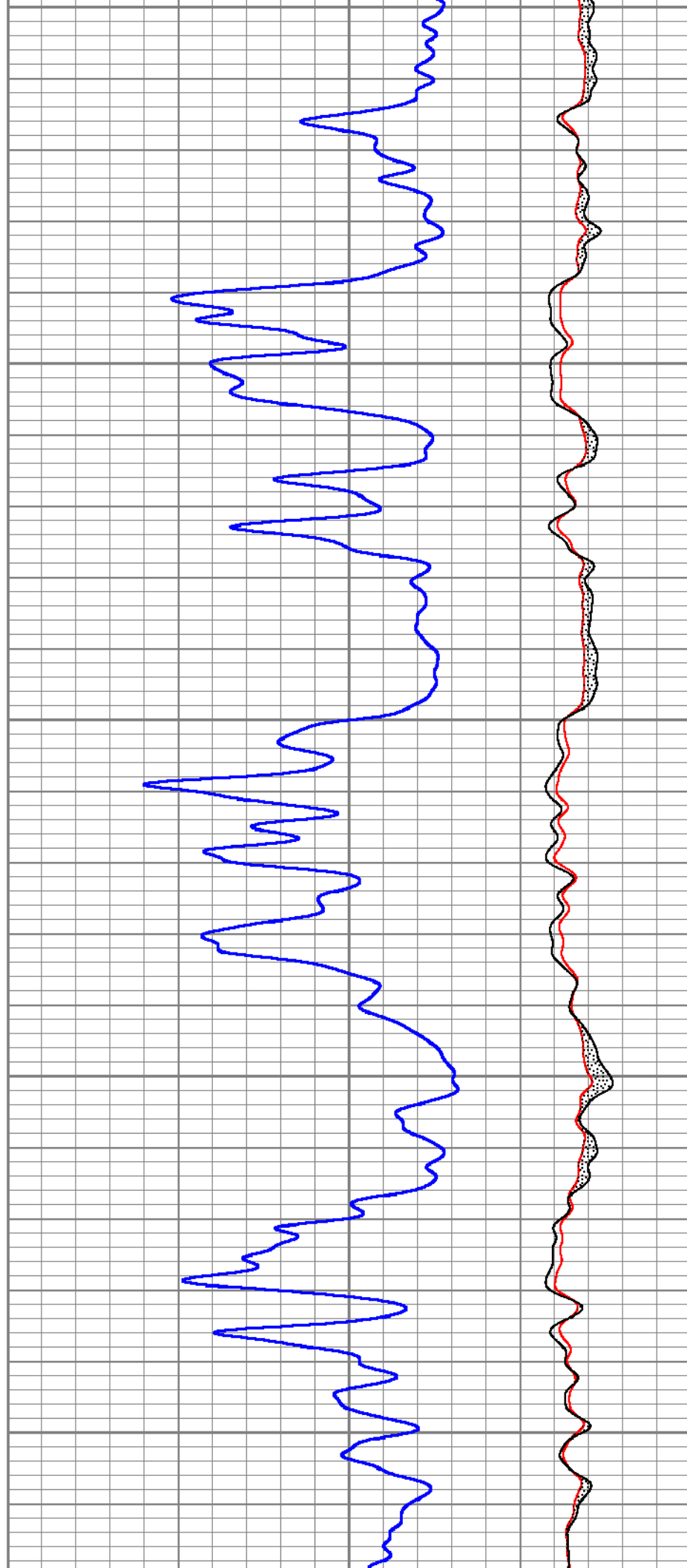
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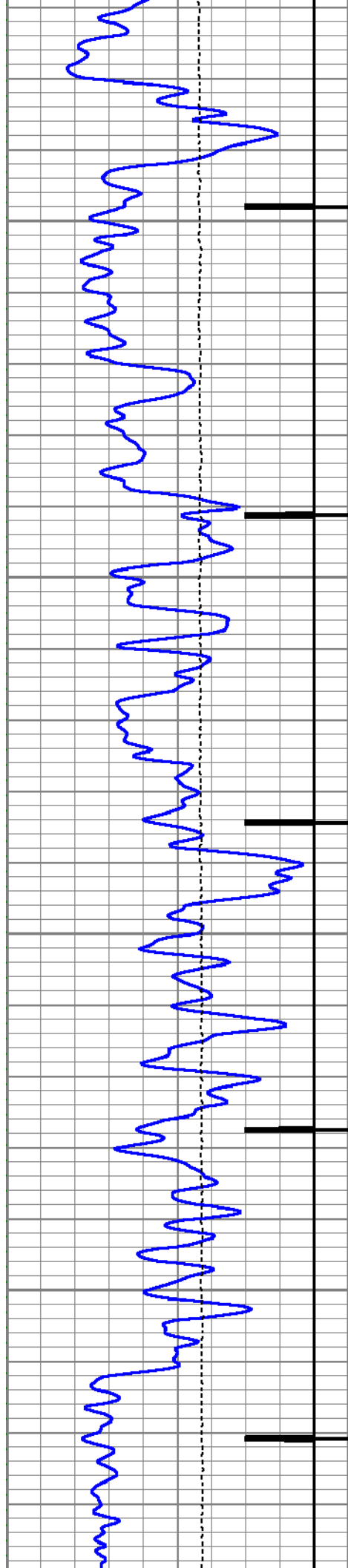
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10350

10400

10450



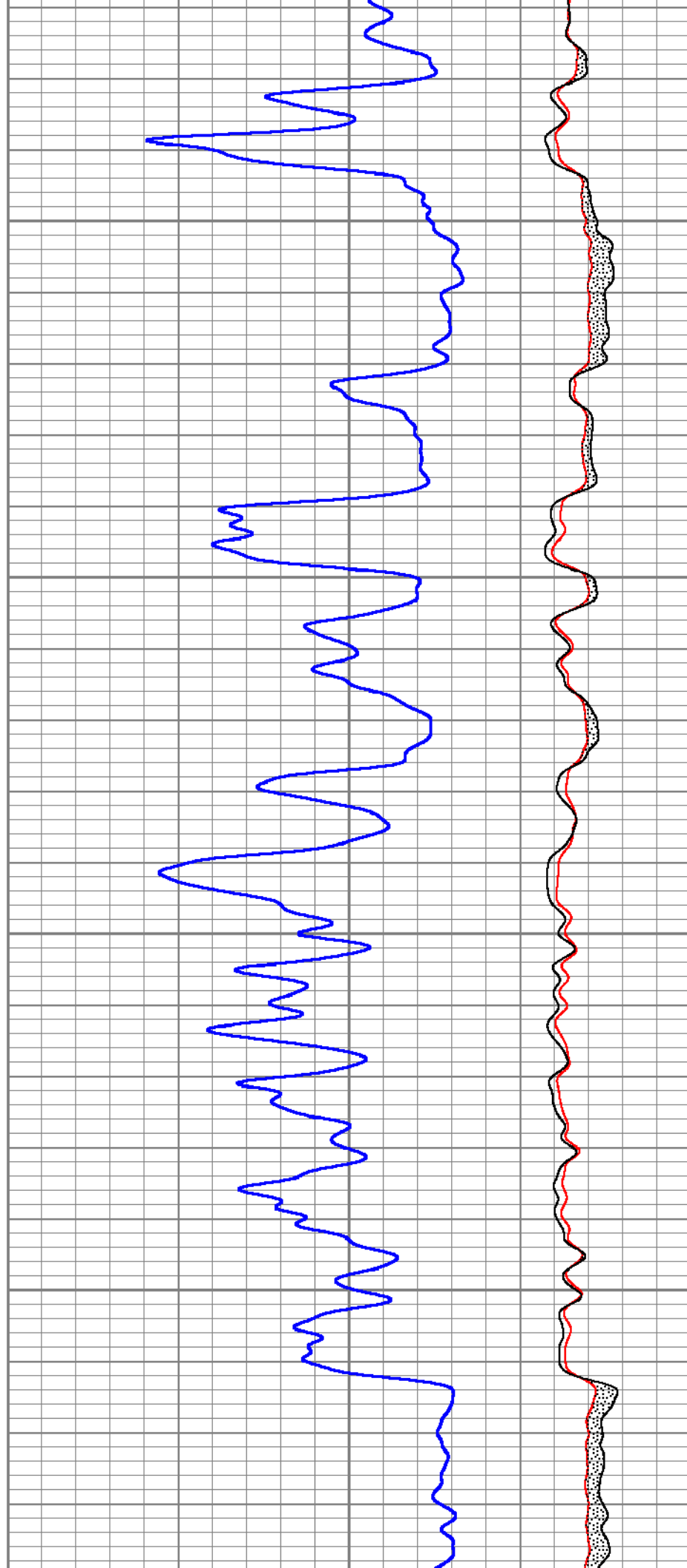


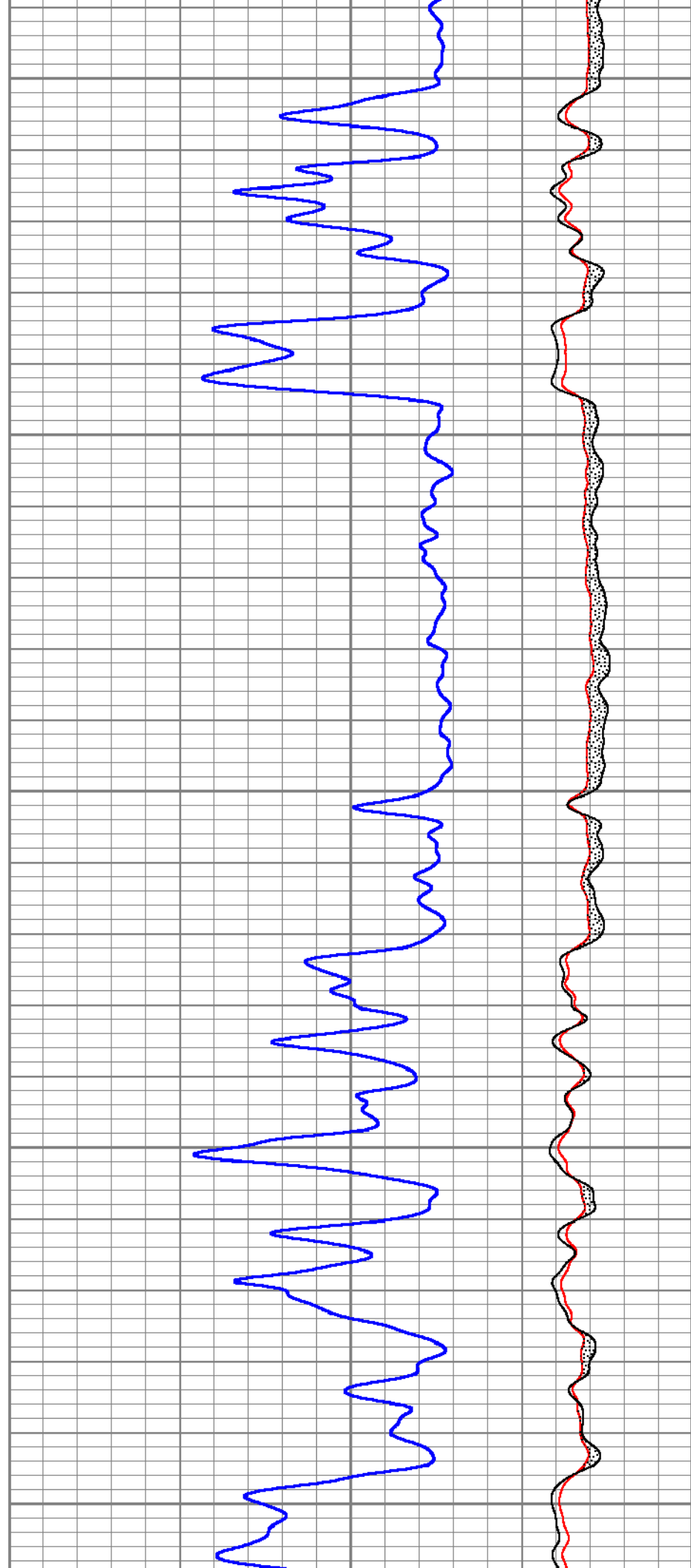
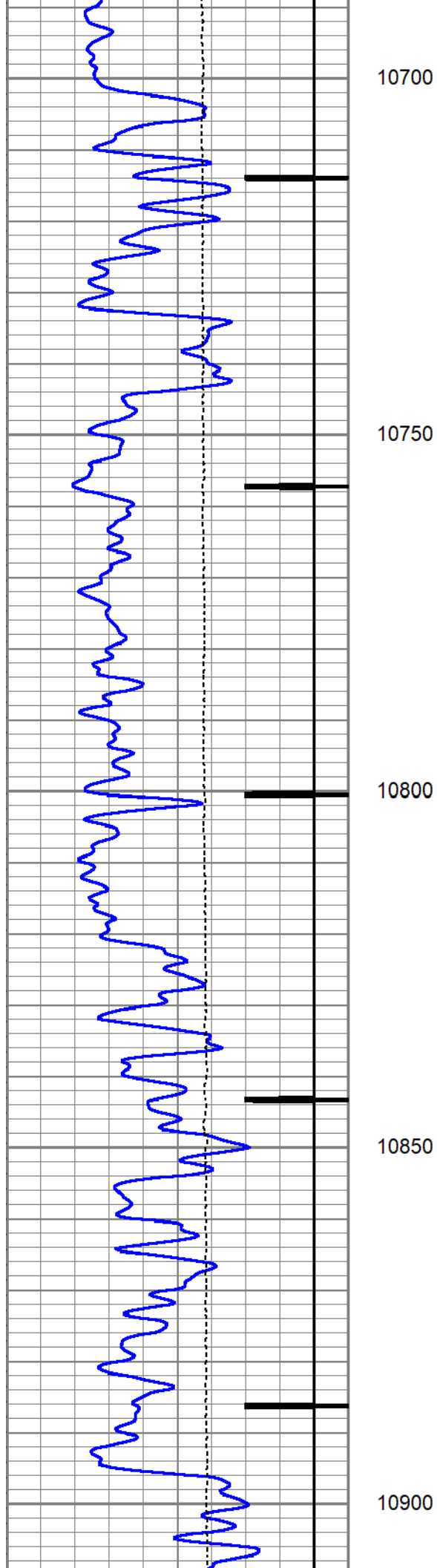
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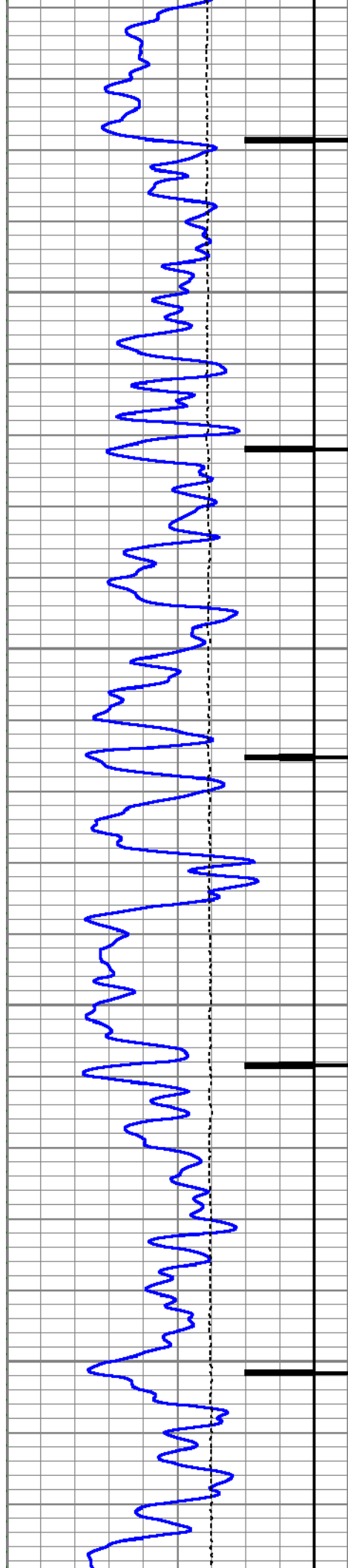
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10600

10650





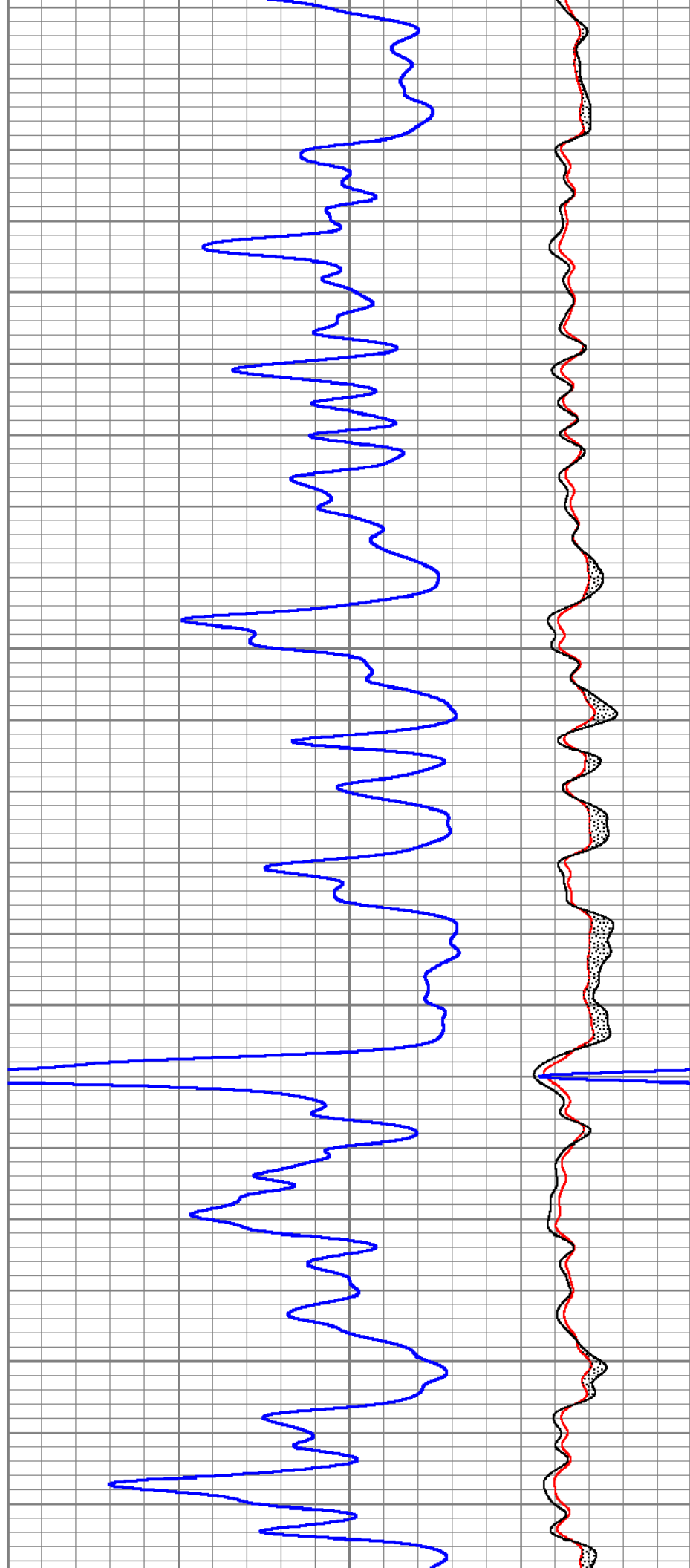


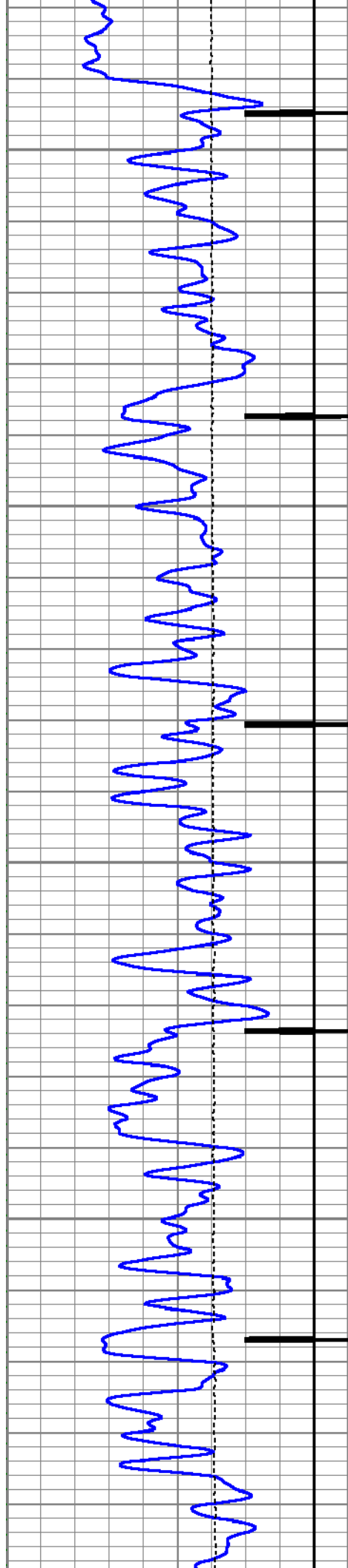
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11000

11050

11100





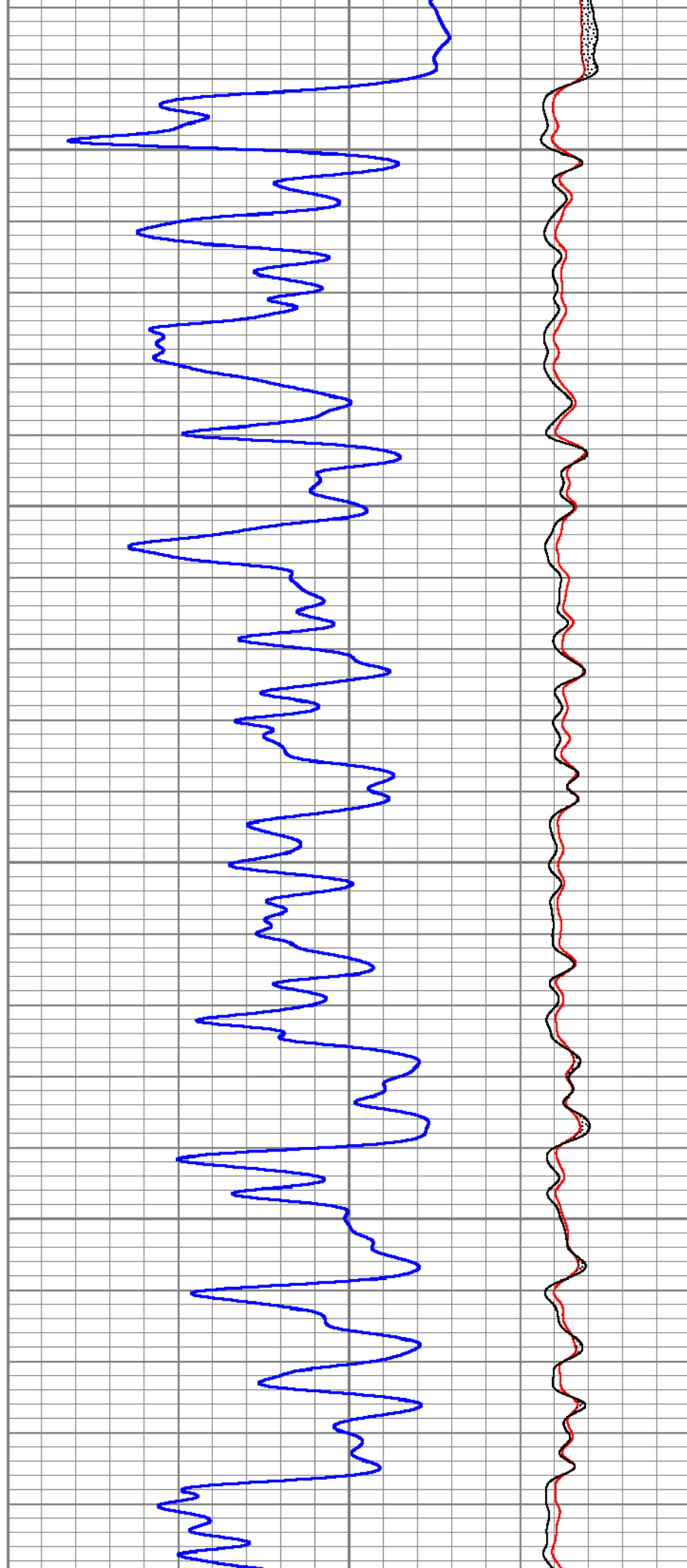
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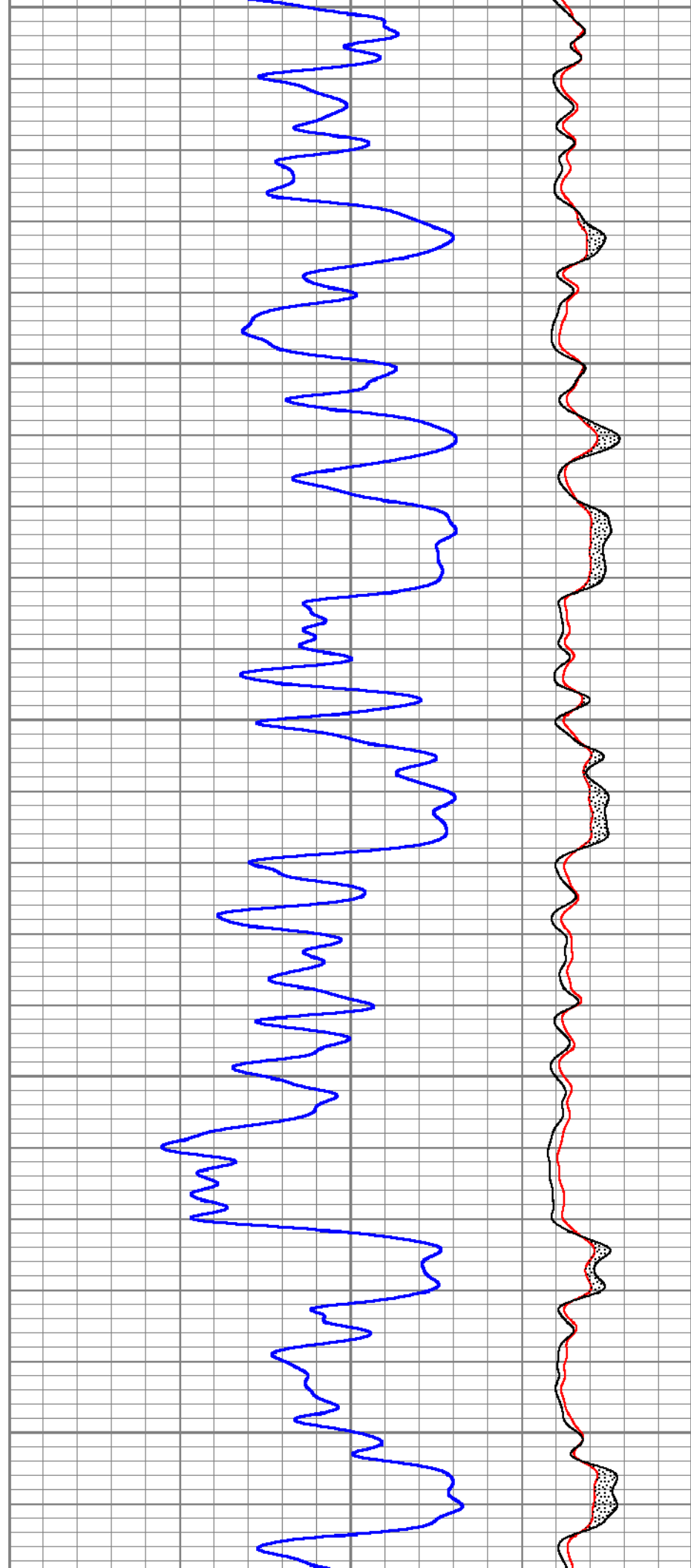
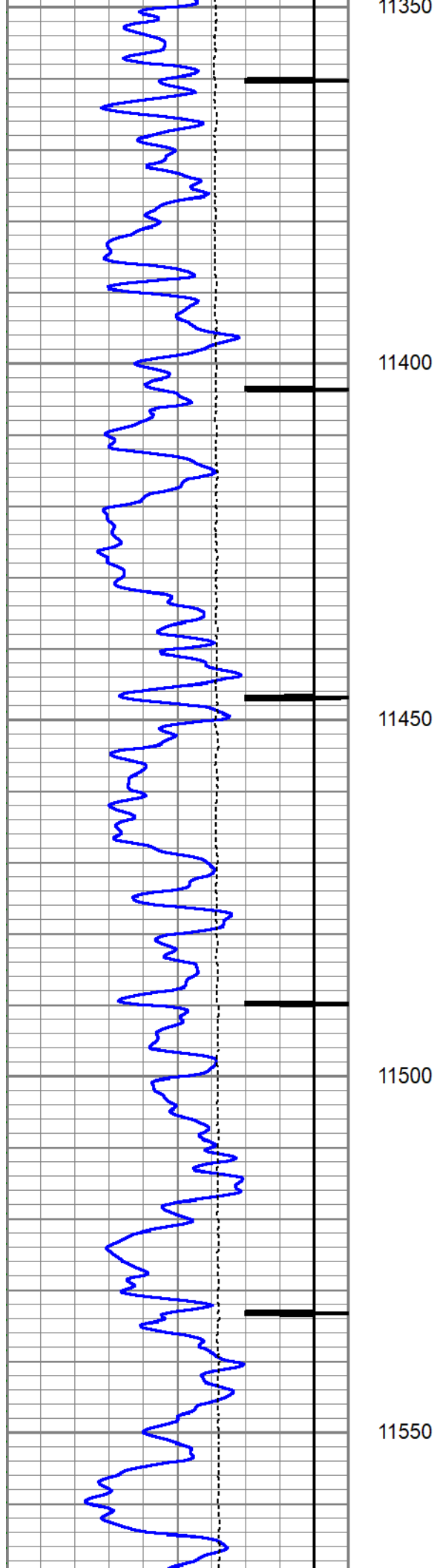
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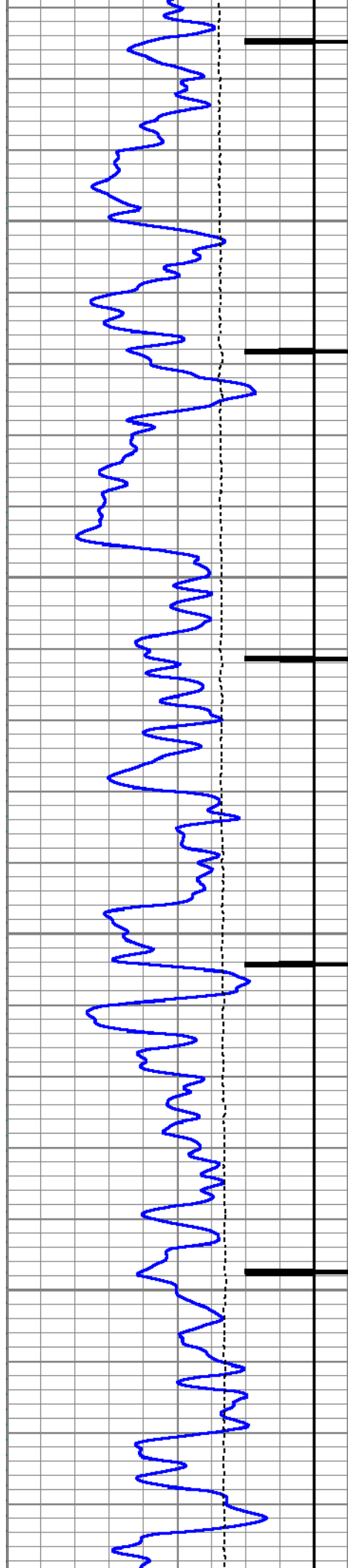
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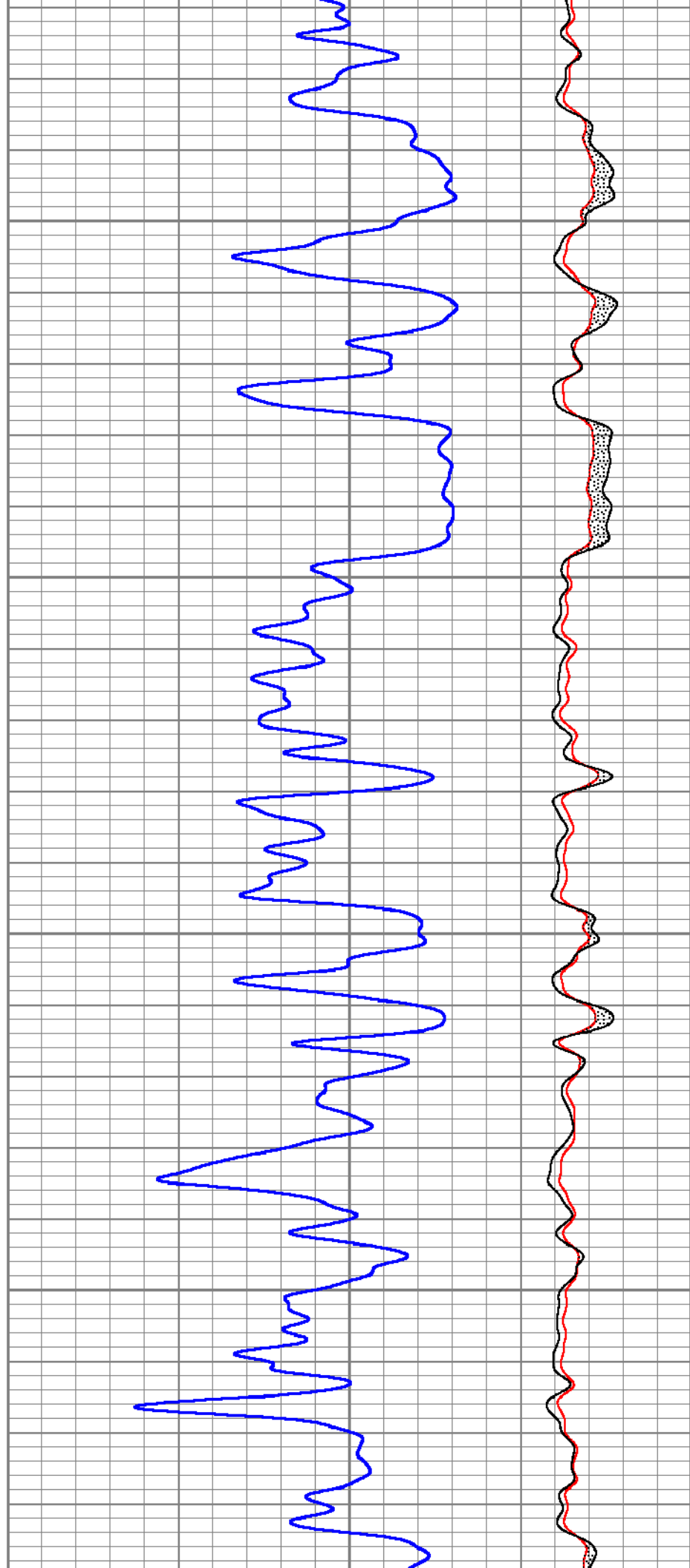


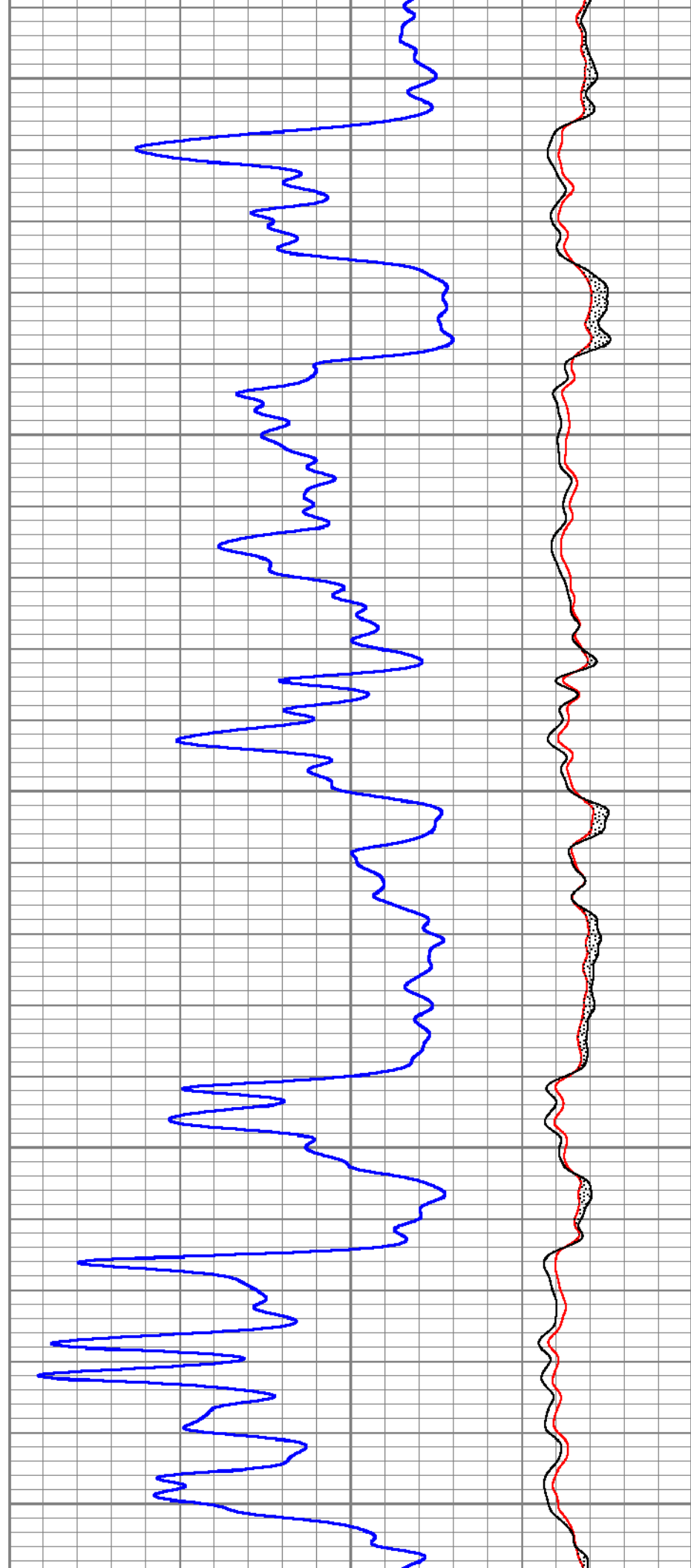
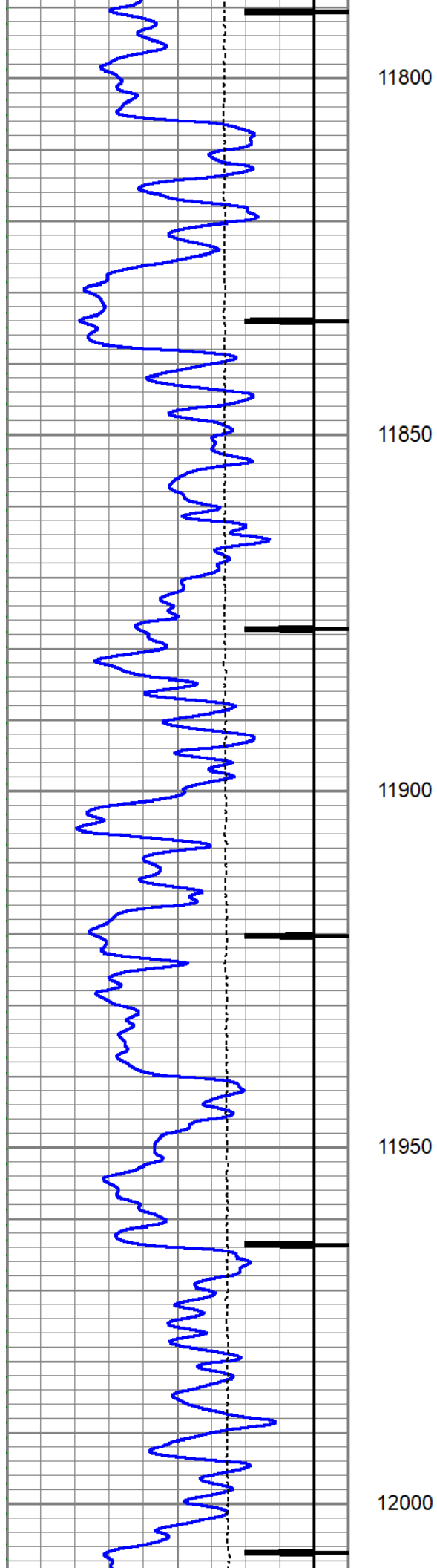
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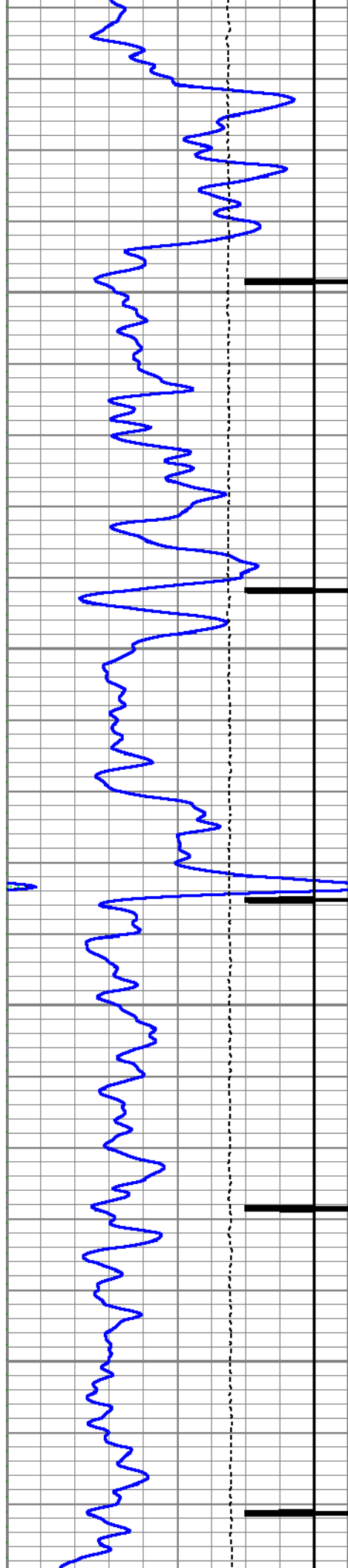
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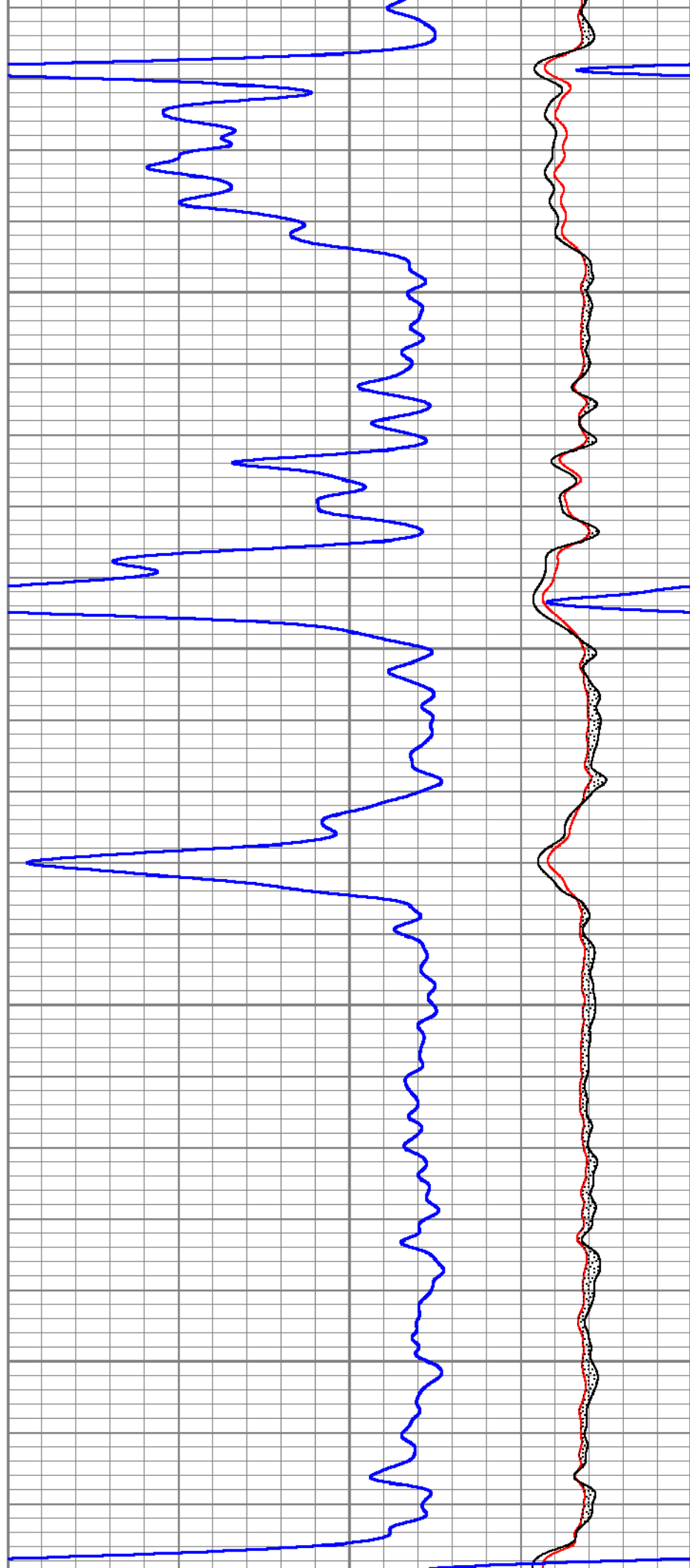


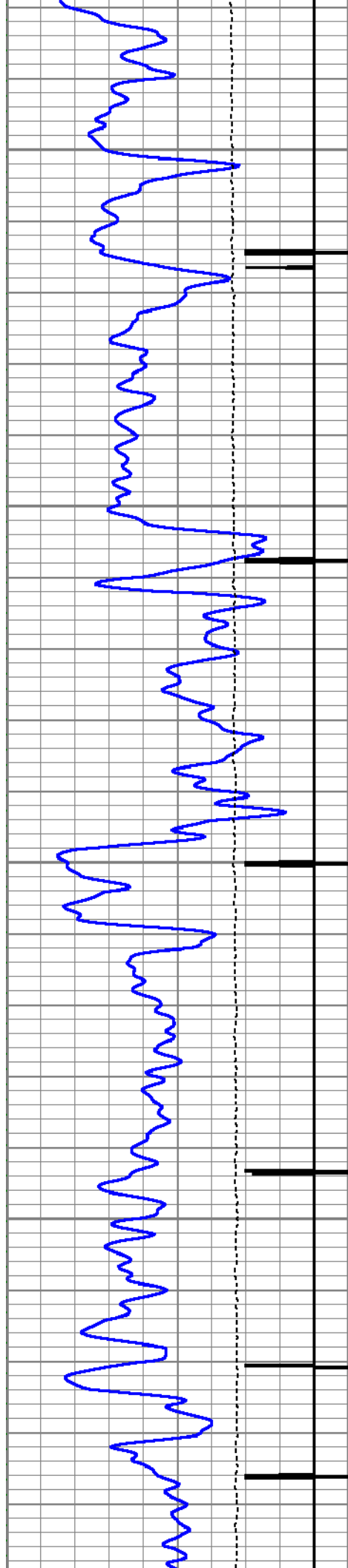
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12150

12200





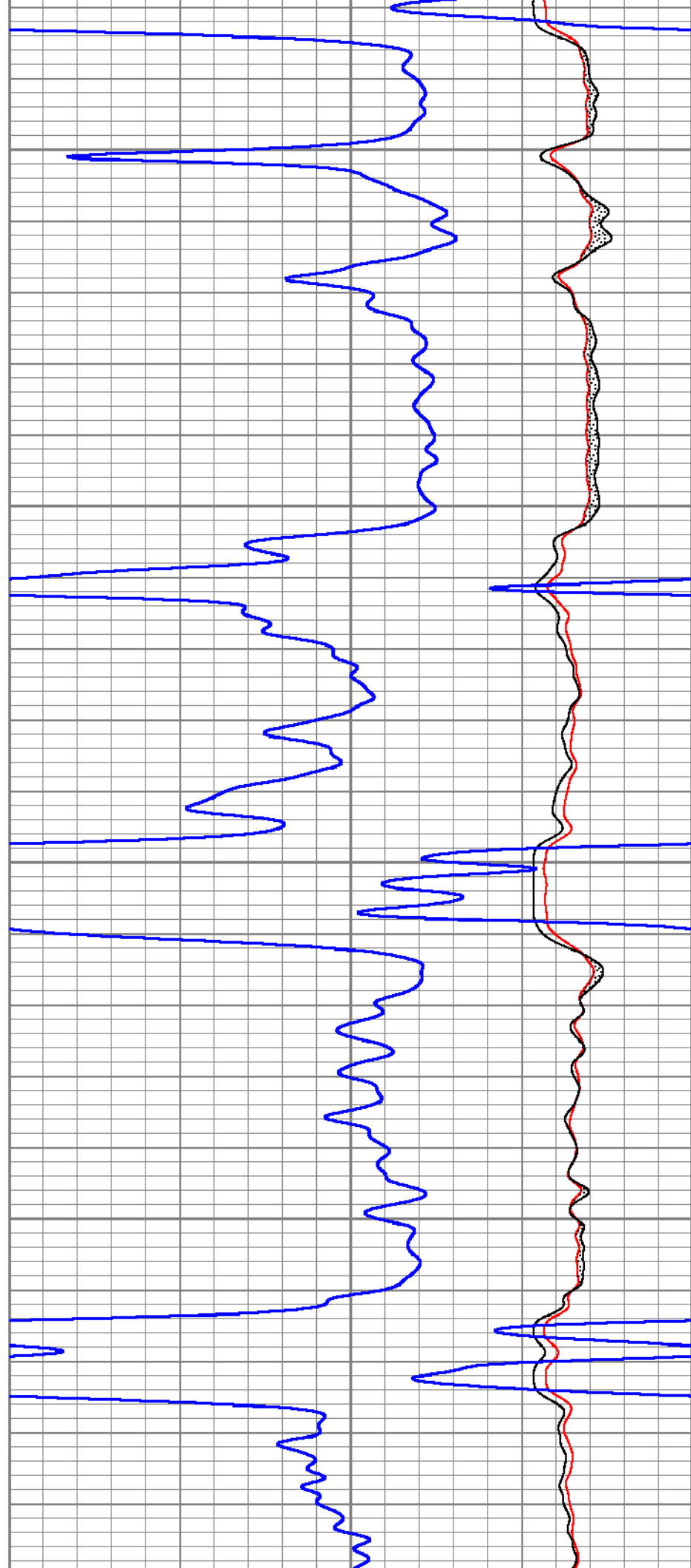
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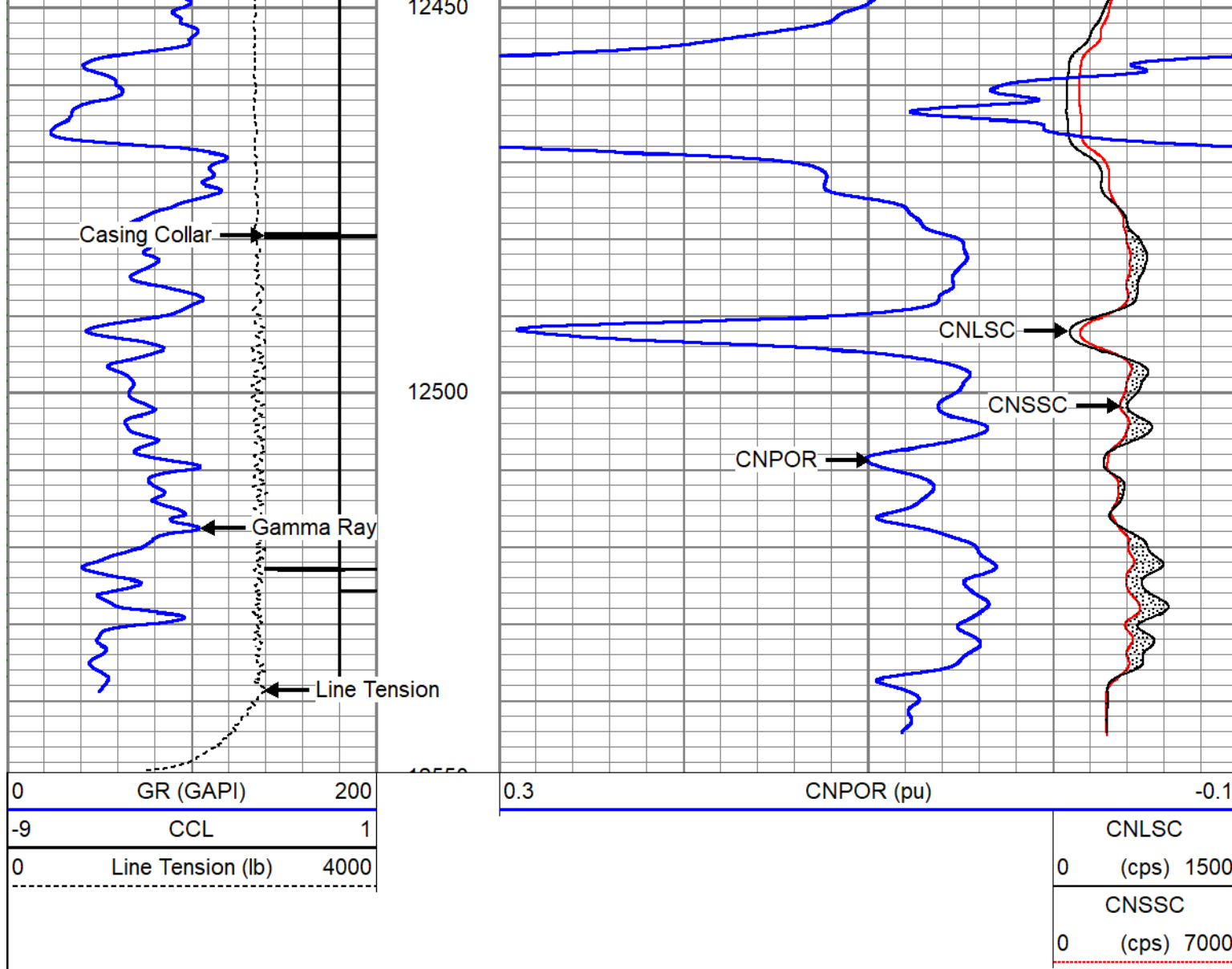
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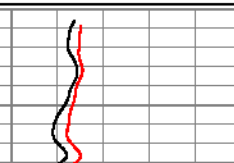
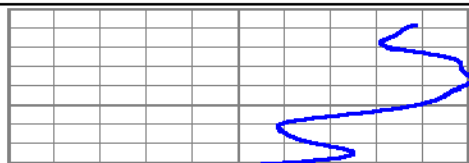
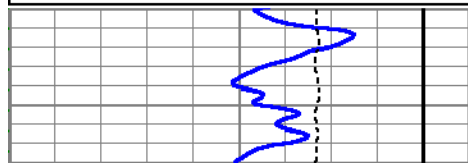
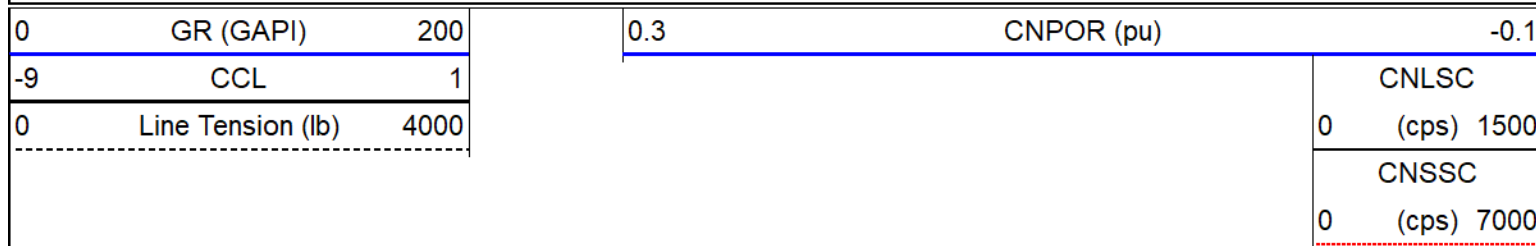
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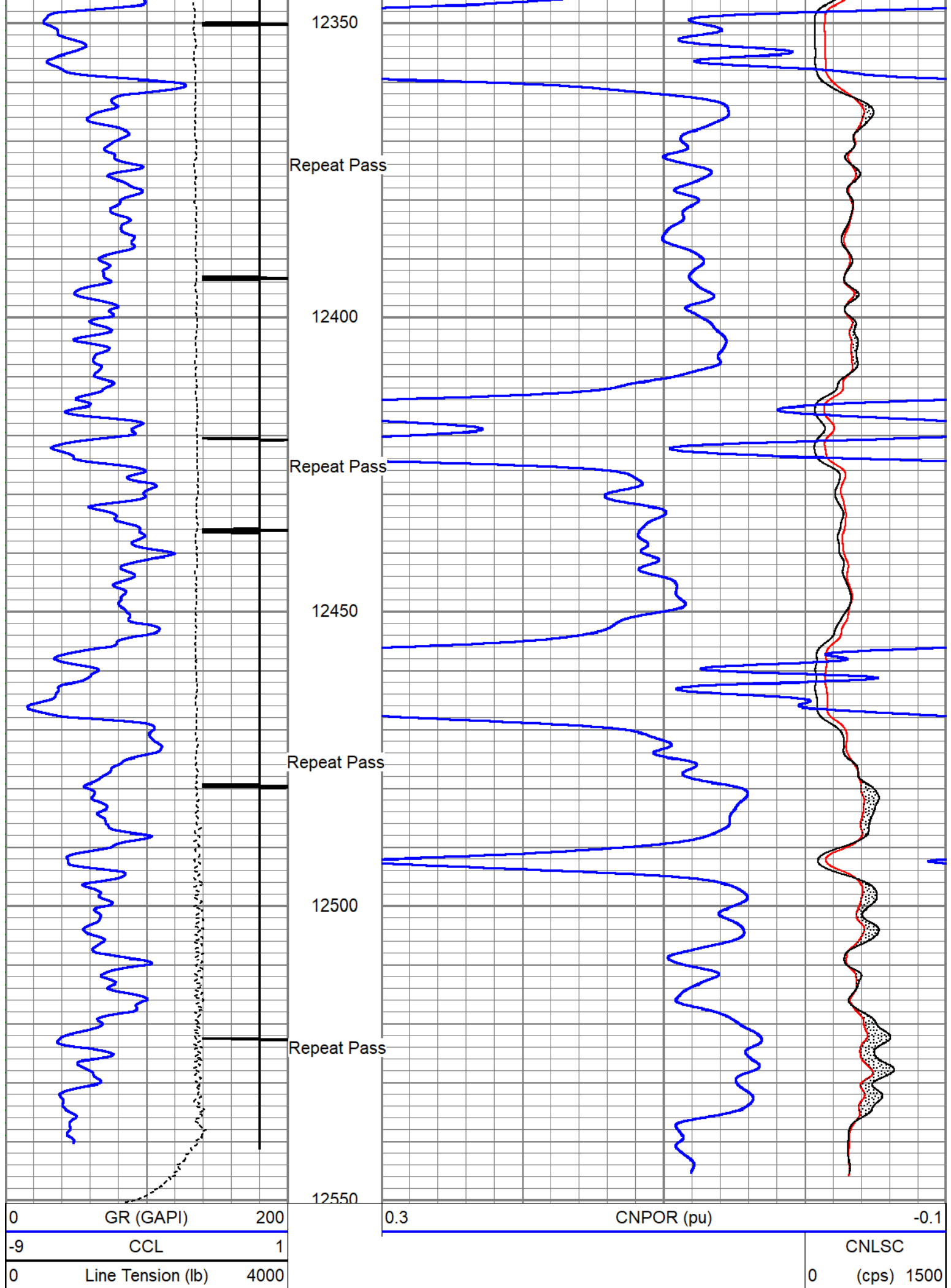




Repeat Pass 5" = 100'

Database File caerus\bjv b26 fed 21c-27-496\caerus_bju b26 fed 21c-27-496_rcbl_cnl_10-10-2022.db
 Dataset Pathname repeat
 Presentation Format cnl
 Dataset Creation Wed Oct 12 06:32:17 2022
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File C:\ProgramData\Warrior\Data\Caerus\BJU B26 FED 21C-27-496\caerus_bju b26 fed 21c-27-496_rcb
 Dataset Pathname main
 Dataset Creation Wed Oct 12 06:38:43 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.)
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POST-SURVEY VERIFICATION

SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)
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Gamma Ray Calibration Report

Type / Serial: Probe275dig / FW1403-104

SHOP CALIBRATION

Thu Mar 31 15:29:33 2022

	Counts/Sec.	Gain	Offset	Jig	Units
Background	64.8				cps
Calibrator	250.4				cps
		0.8888			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference			0.0		GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference			0.0		GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: FW1312-30
Tool Model: Probe275acc

Calibration Casing Diameter: 4.500 in
Calibration Depth: 37.892 ft

Master Calibration, performed Tue Oct 11 14:23:01 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.004	0.751	0.000	81.196	108.777	-0.483
CAL	0.004	0.759				
5'	0.005	0.726	0.000	81.196	112.573	-0.511
SUM						
S1	0.005	0.758	0.000	100.000	132.825	-0.629
S2	0.005	0.760	0.000	100.000	132.357	-0.645
S3	0.004	0.764	0.000	100.000	131.609	-0.519
S4	0.004	0.759	0.000	100.000	132.338	-0.509
S5	0.004	0.758	0.000	100.000	132.670	-0.568
S6	0.004	0.750	0.000	100.000	134.077	-0.525
S7	0.004	0.747	0.000	100.000	134.639	-0.562
S8	0.005	0.748	0.000	100.000	134.666	-0.707

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	0.759	1.000	0.000

Air Zero Calibration, performed Tue Oct 11 14:21:42 2022:

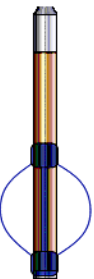
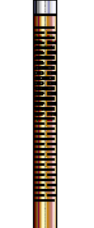
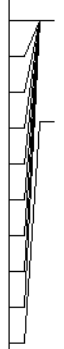
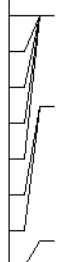
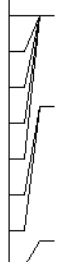
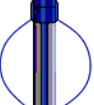
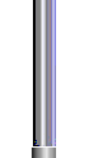
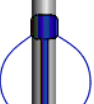
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000


Inclinometer Calibration Report


Performed: Thu Jul 28 15:46:49 2022

Low Read.	High Read.	Low Ref.	High Ref.
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X Accelerometer	-931.00	904.00	-1.00	1.00	gee
Y Accelerometer	-899.00	884.00	-1.00	1.00	gee
Z Accelerometer	1.47	886.18	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			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 (FW1312-30) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	14.27					
WVFS7	14.27					
WVFS6	14.27					
WVFS5	14.27					
WVFS4	14.27					
WVFS3	14.27					
WVFS2	14.27					
WVFS1	14.27					
WVF3FT	14.27					
WVF5FT	13.27					
						
RBT_ACCZ	10.02					
RBT_ACCY	10.02					
RBT_ACCX	10.02					
WVFSYNC	10.02					
WVFCAL	10.02					
DCCL	9.11					
CCL	9.11					
GR	7.78		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
			GR-Probe275dig (FW1403-104) Probe Digital Gamma CCL	4.78	2.75	57.00
						
			CNT-275Dig (FW1409-35) Probe Digital CNL	5.24	2.75	40.00
			SO BS CENT-2750-4500	1.33	3.25	10.00

CNLSC	1.91							
CNSSC	1.48							
<div> <div> Dataset: caerus_bju b26 fed 21c-27-496_rcbl_cnl_10-10-2022.db: field/well/run1/main Total length: 18.77 ft Total weight: 237.00 lb O.D.: 3.25 in </div> <div>  </div> <div> Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer </div> </div>								

Company	Caerus Piceance LLC.				
Well	BJU B26 Fed 21C-27-496				
Field	Grand Valley				
County	Garfield		State	Colorado	
			Compensated Neutron Gamma Ray Casing Collar Log		