



**GAMMA RAY / CCL
CEMENT BOND / VDL**

Company		ANADARKO PETROLEUM CORP.	
Well	CAMP 9N-30HZ		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Company		ANADARKO PETROLEUM CORP.	
Well	CAMP 9N-30HZ		
Field	WATTENBERG		
County	WELD		
State	COLORADO		
Location:		API # : 05-123-35257	
SE / SE		Other Services	
Permanent Datum	SEC 31 TWP 3N RGE 65W	Elevation	
Log Measured From	GL KB	4949'	
Drilling Measured From	KB KB	K.B. 4974' D.F. 4973' G.L. 4949'	
Date	March 17, 2020		
Run Number	One		
Depth Driller	14252'		
Depth Logger	6300'		
Bottom Logged Interval	6300'		
Top Log Interval	Surface		
Casing Size	7"		
Type Fluid	Water		
Max. Recorded Temp.	NA		
Estimated Cement Top	---		
Time Well Ready	9:00am		
Time Logger on Bottom	9:30am		
Unit Number	200032		
Tool Size/ID Number	2 3/4 Probe		
Location	Sterling, CO		
Recorded By	Adam Frank		
Witnessed By	Mike Edgar		
Borehole Record		Tubing Record	
Run Number	Bit From To	Size	Weight From To
Casing Record	Size	Wgt/Ft	Top Bottom
Surface String	9 5/8	36#	Surface 854'
Prot. String			
Production String	7"	26#	Surface 7605'
Liner	4 1/2	11.6#	6348' 13980'

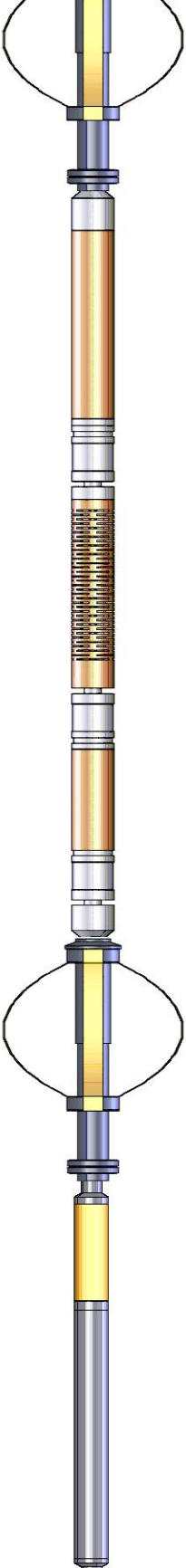
<<< Fold Here >>>

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

Thank You for using NexTier Completion Solutions!
Log Not Correlated

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD (1) Standard Cable Head	1.00	1.69	10.00

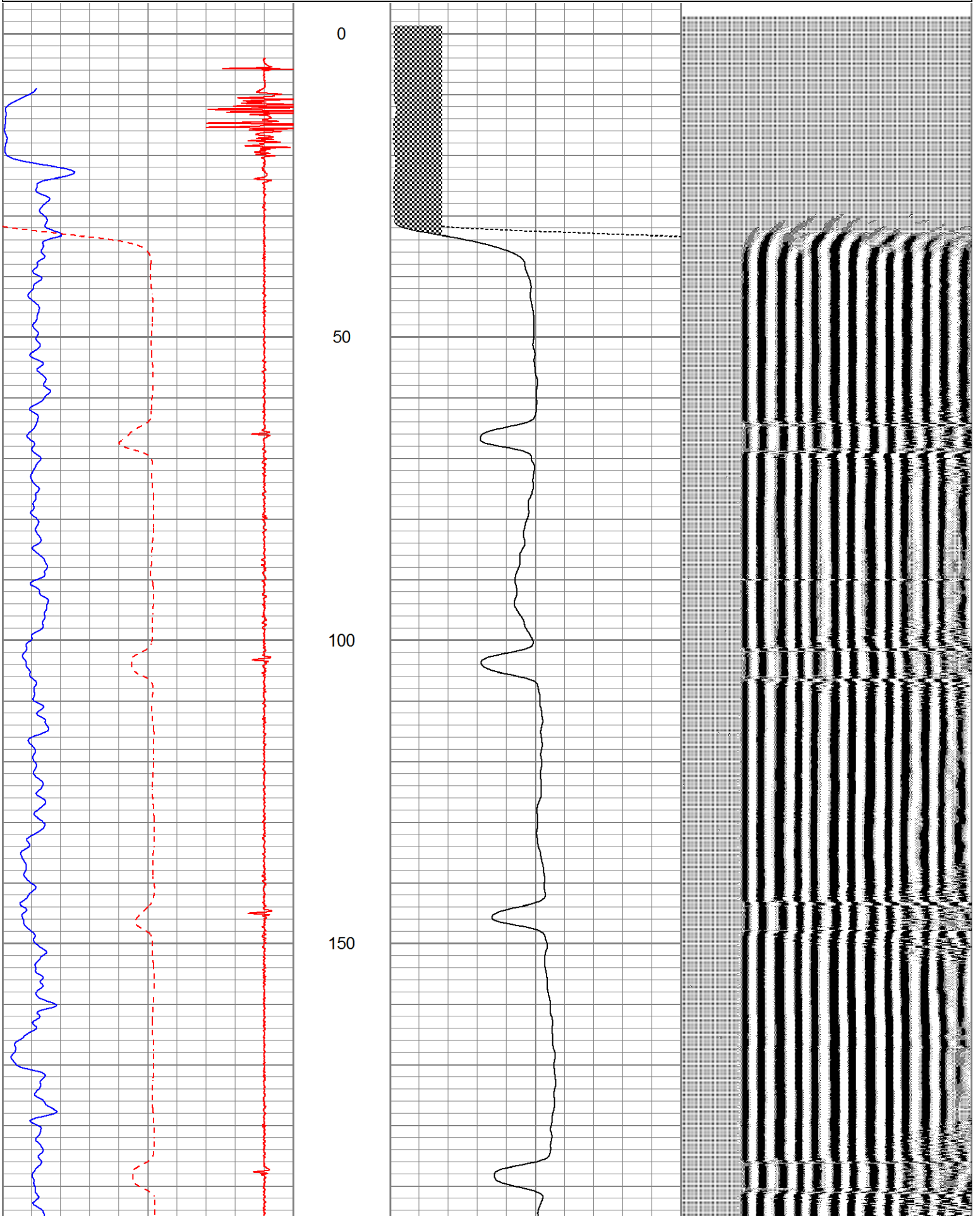
				CENT-Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00
WVF3FT	11.60			CBL-Probe275Digital (110802) Digital 3' 5' CBL Move voltage to +/- 150 for cal mode	8.75	2.75	92.00
WVF5FT	10.60						
WVFSYNC	7.42						
				CENT-Probe Probe 2 3/4 Centralizer	2.88	2.75	20.00
CCL	3.63						
				GR-Probe275dig (101010) Probe Gamma CCL	4.54	2.75	57.00
GR	0.89						
Dataset: camp 9n-30hz.db: field/well/run1/pass4 Total length: 20.04 ft Total weight: 199.00 lb O.D.: 2.75 in							

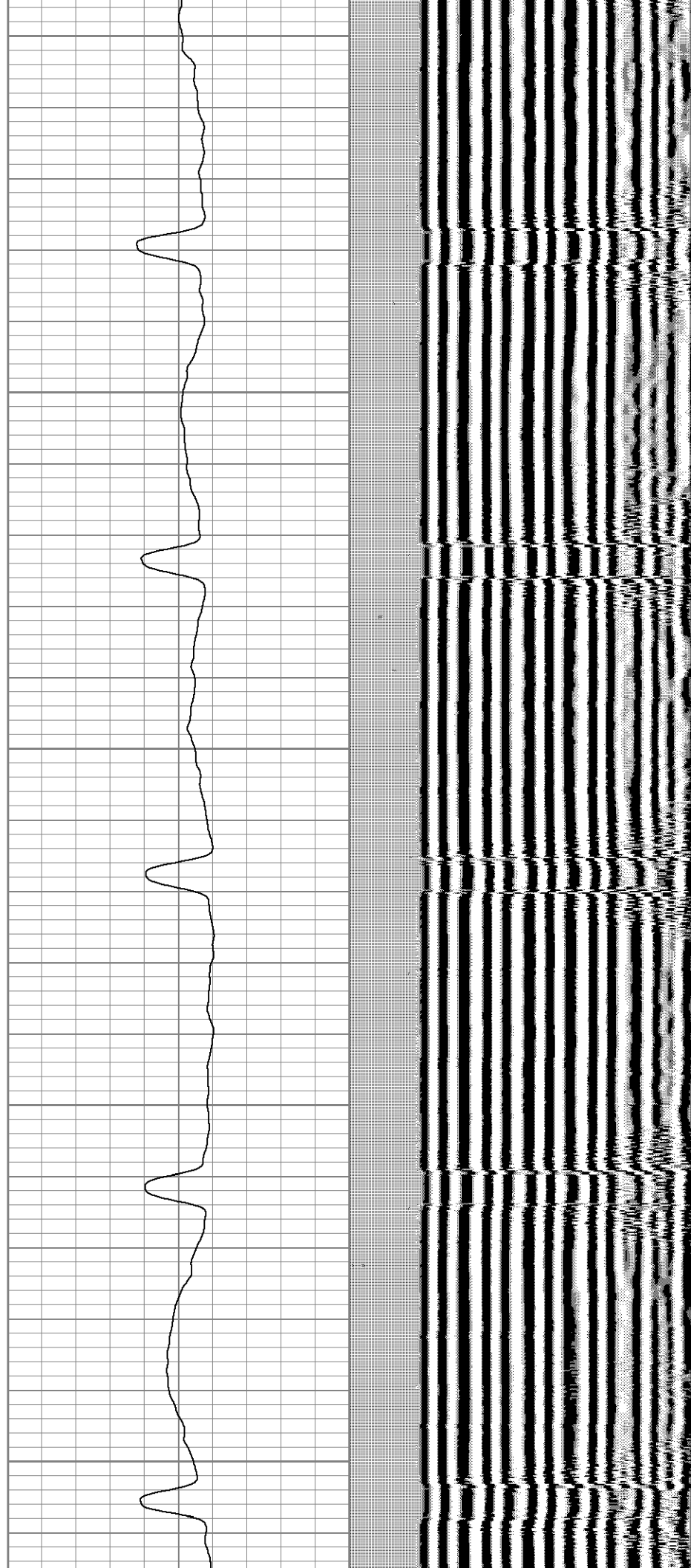
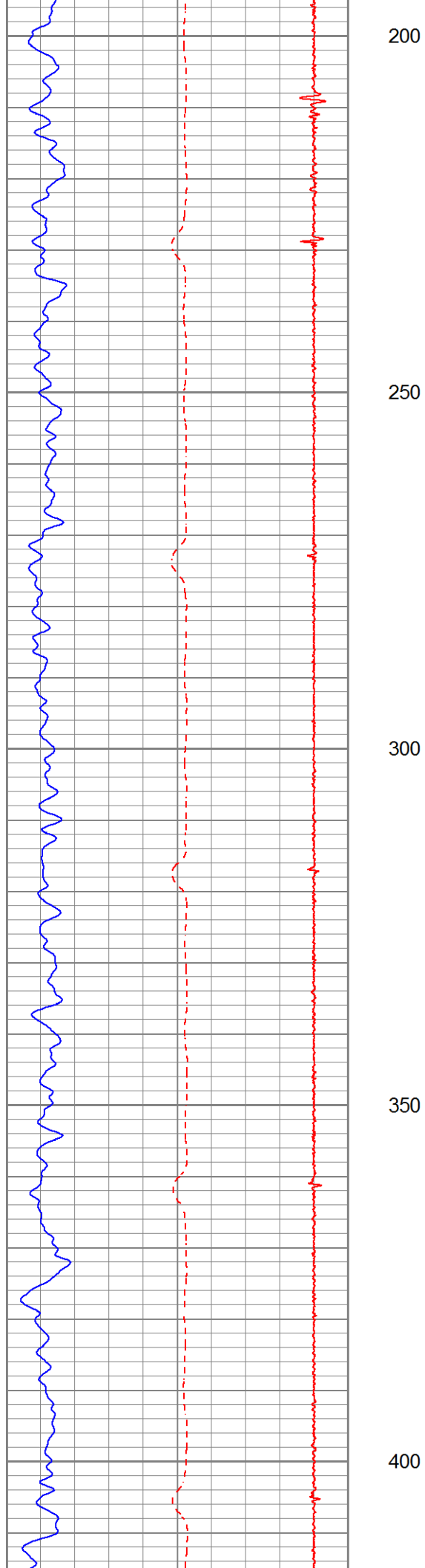
Database File	camp 9n-30hz.db
Dataset Pathname	pass4
Presentation Format	noble en
Dataset Creation	Tue Mar 17 09:46:23 2020
Charted by	Depth in Feet scaled 1:240

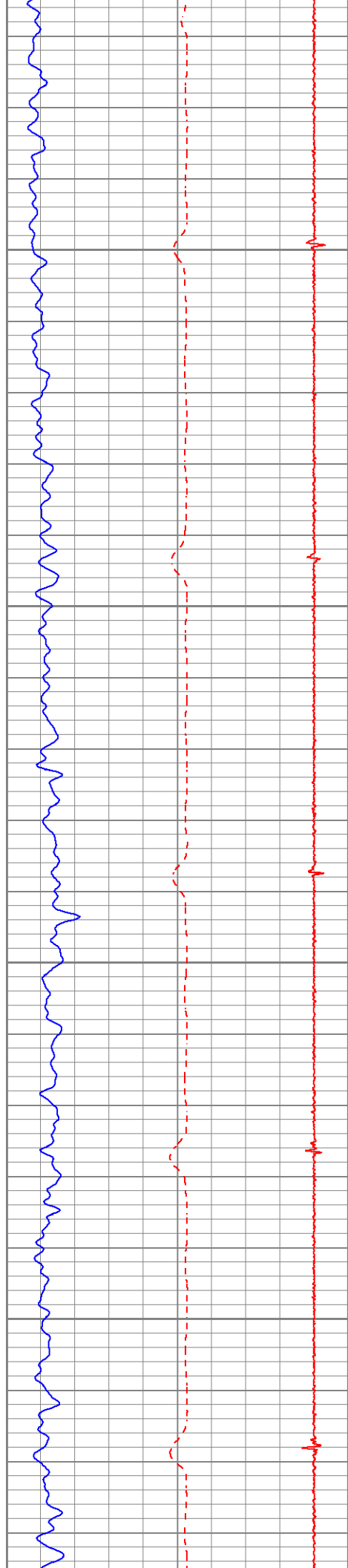
9	CCL	-1
0	Gamma Ray (GAPI)	300
400	TT3FT (usec)	200

0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100

200	Variable Density	1200
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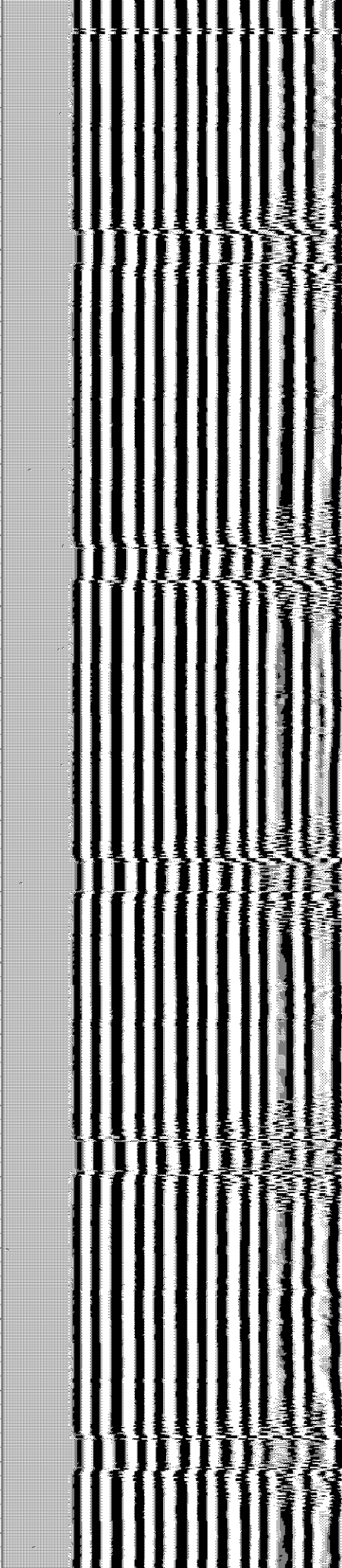
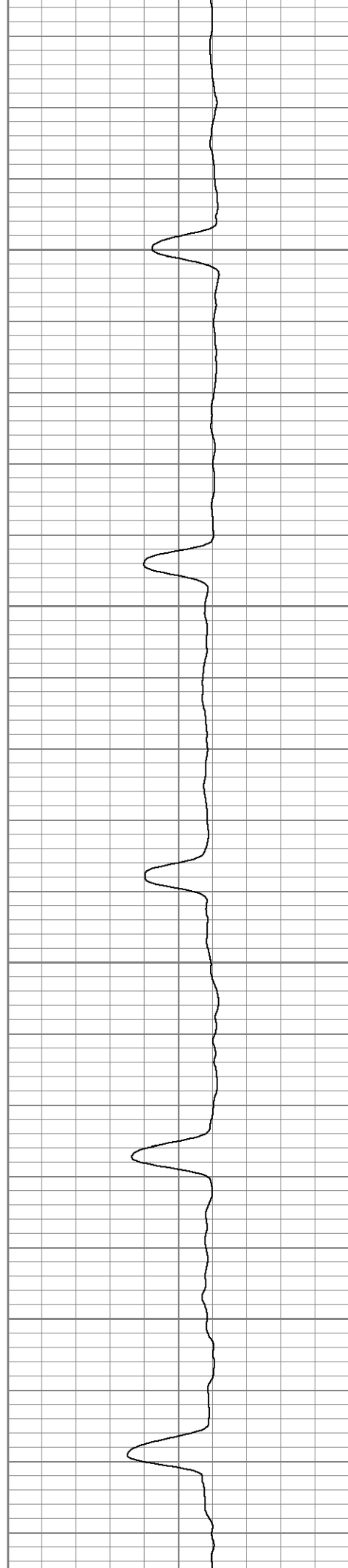


450

500

550

600





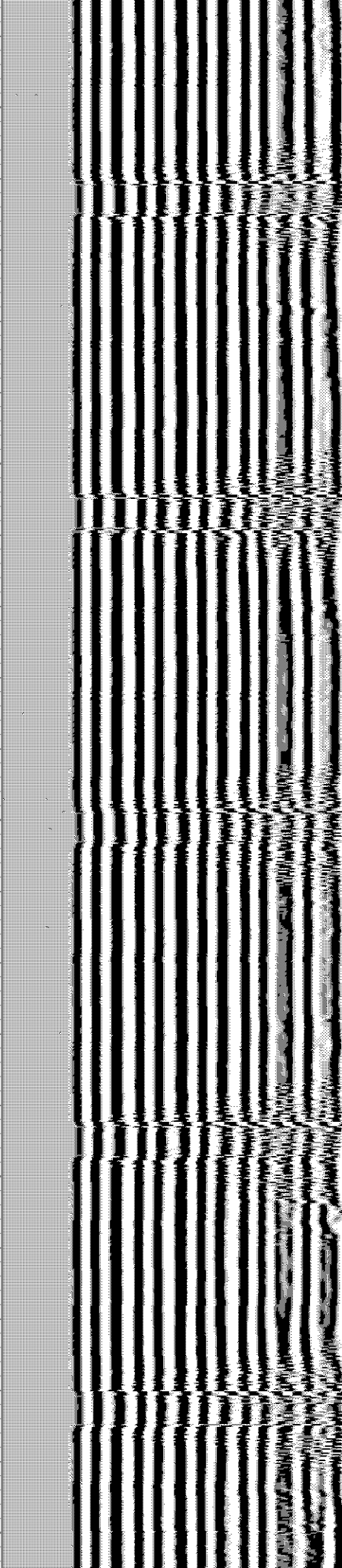
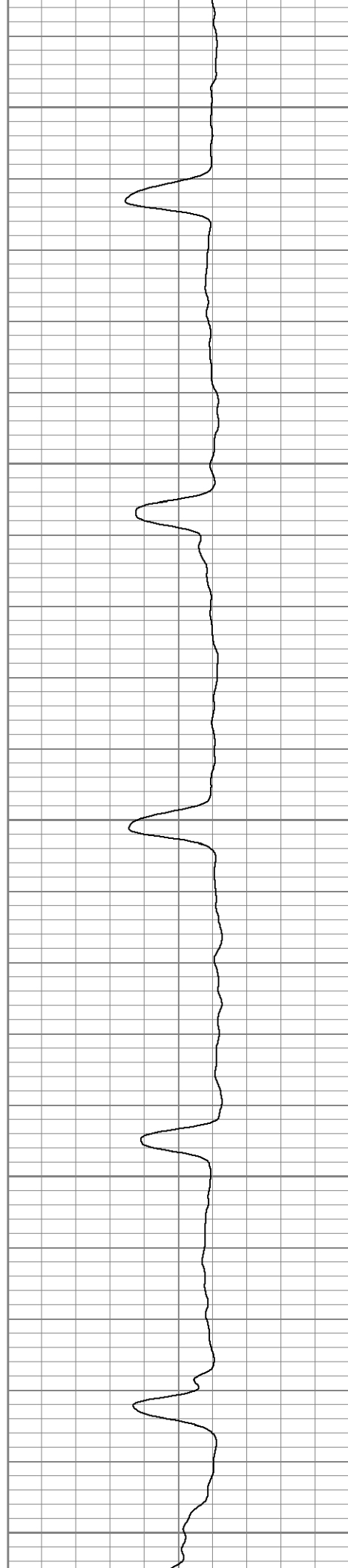
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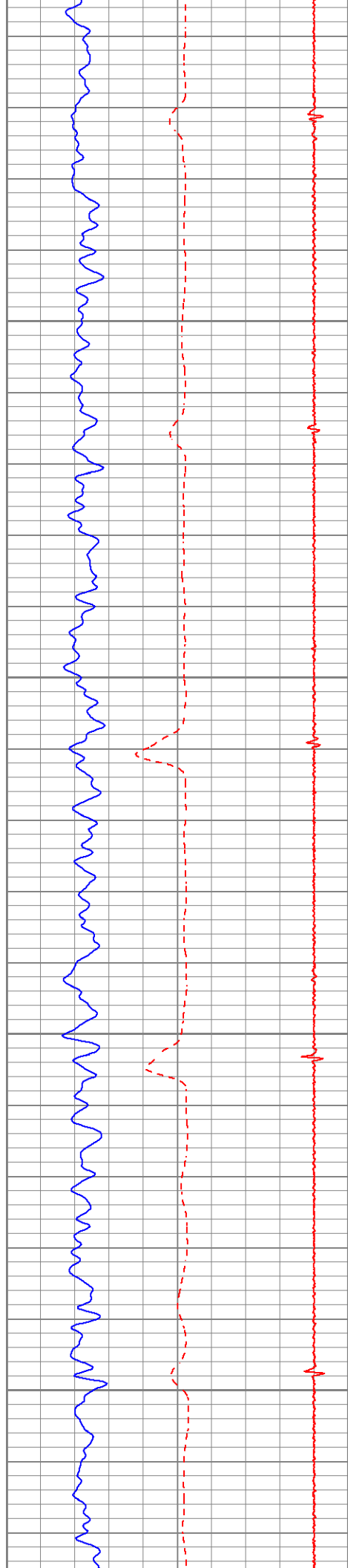
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750

800

850



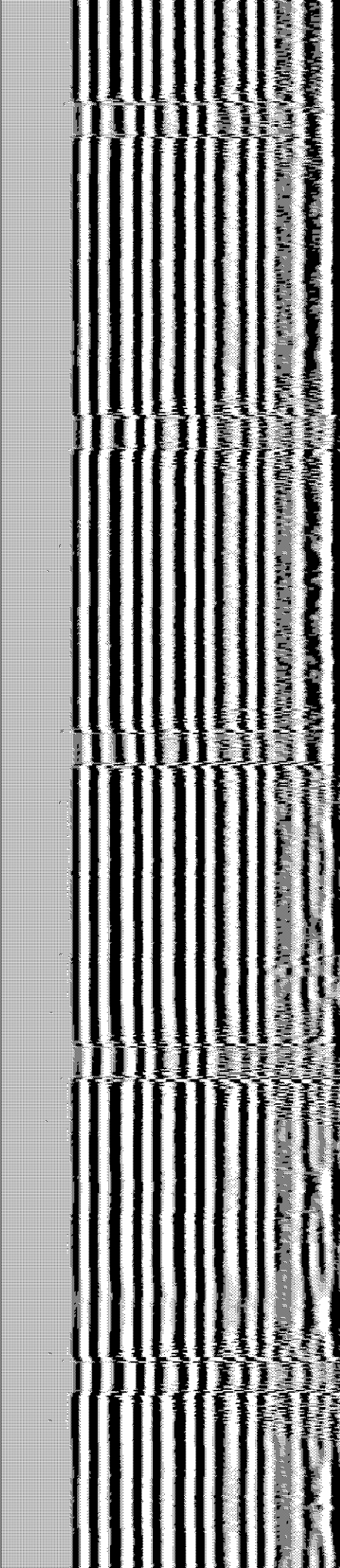
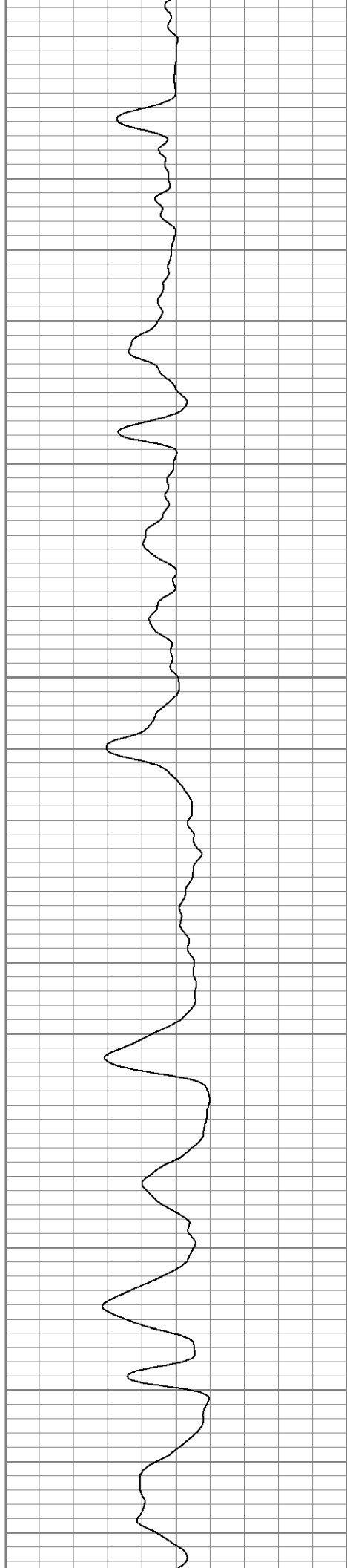


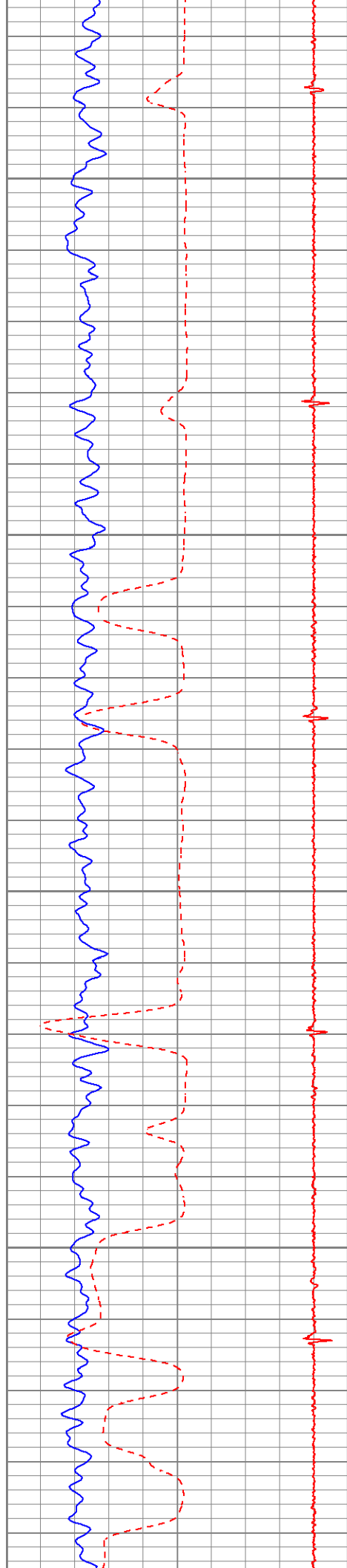
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950

1000

1050



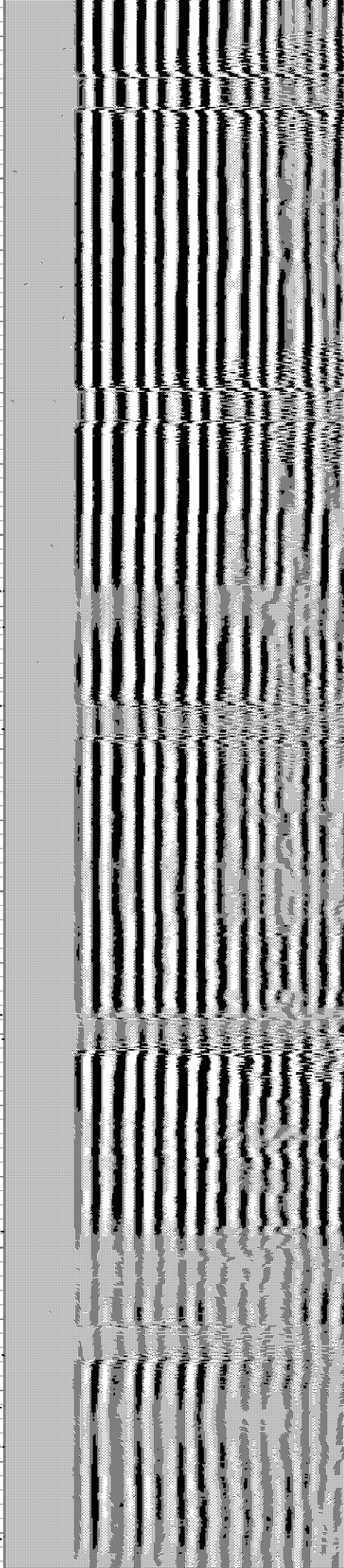
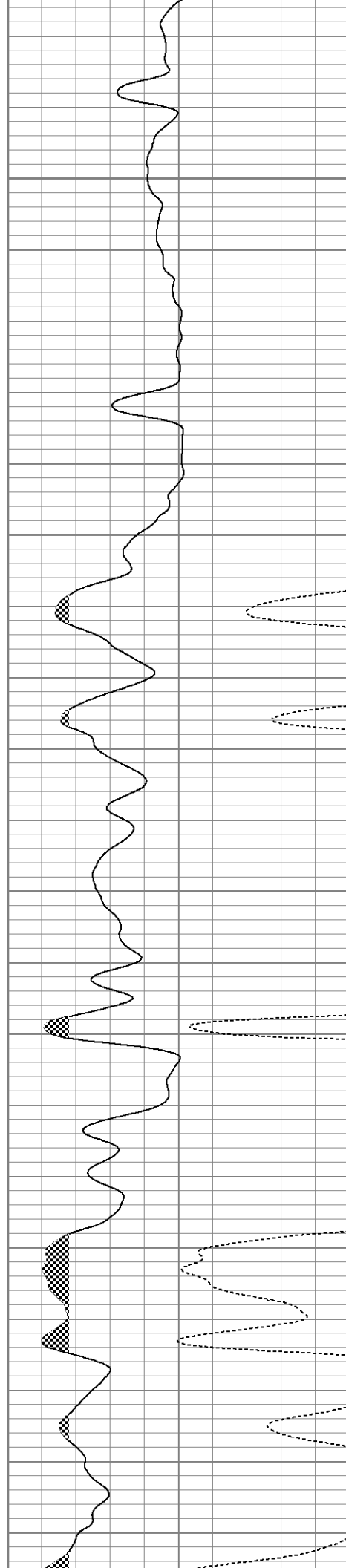


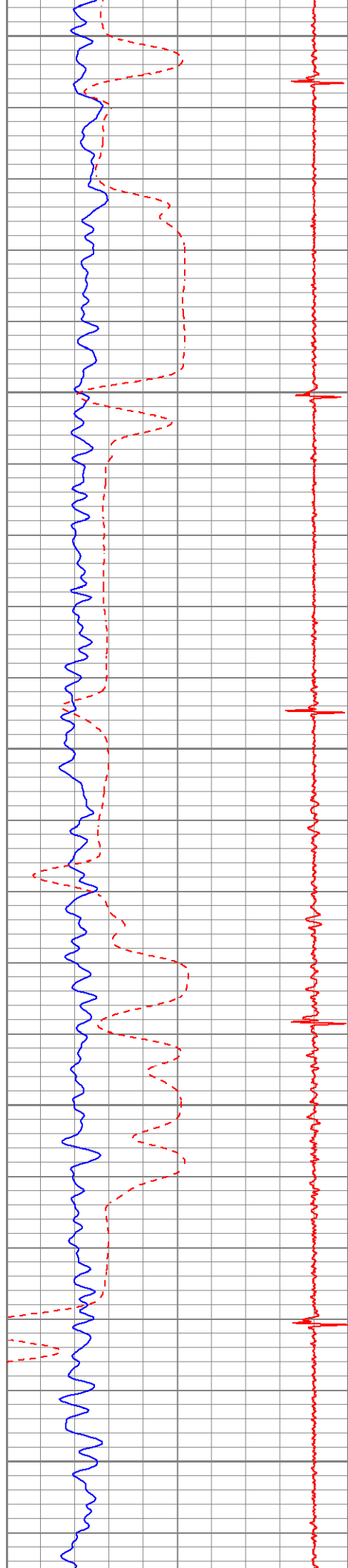
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1150

1200

1250





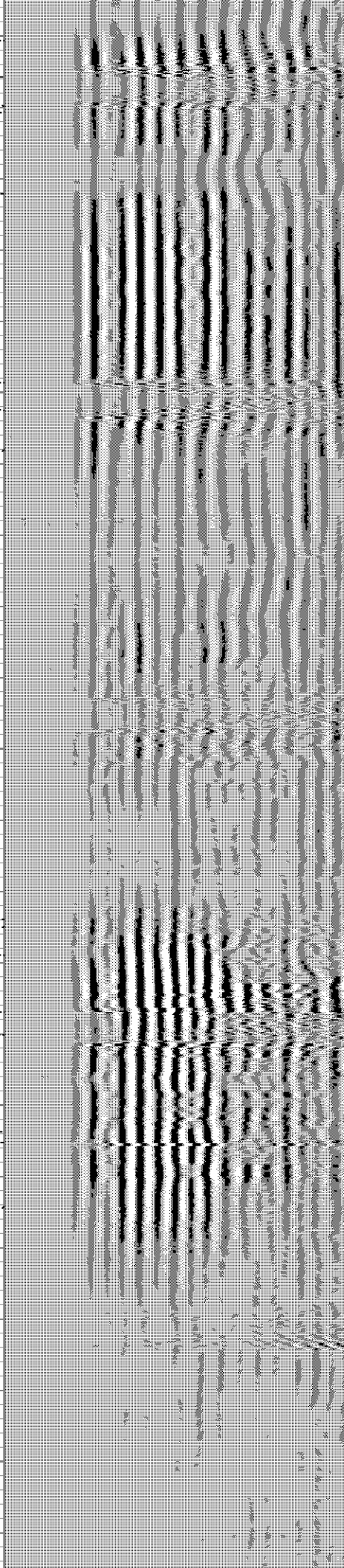
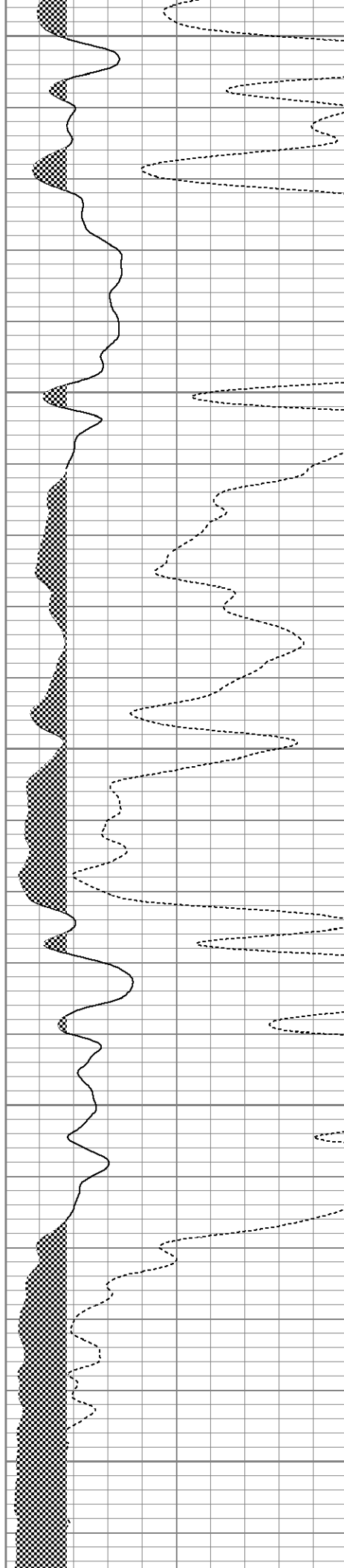
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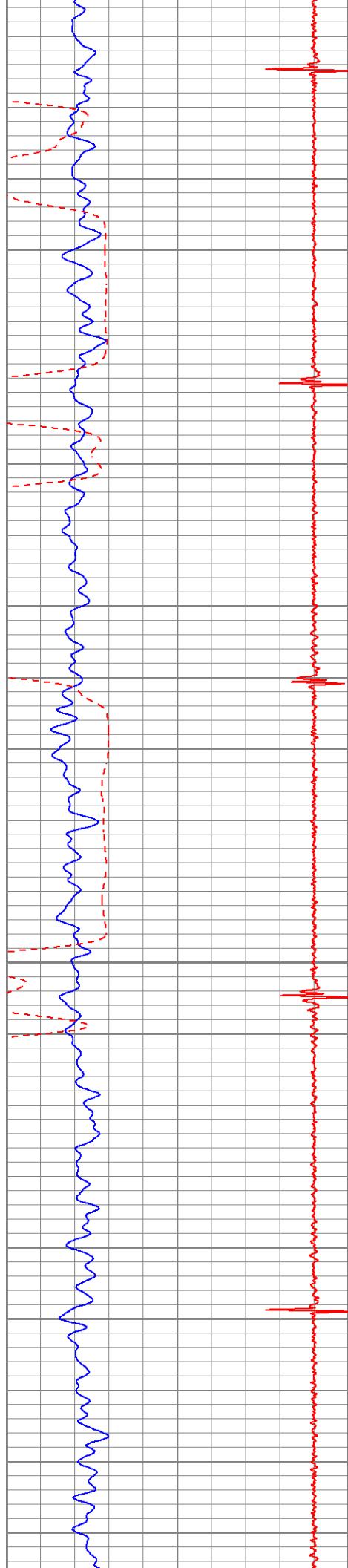
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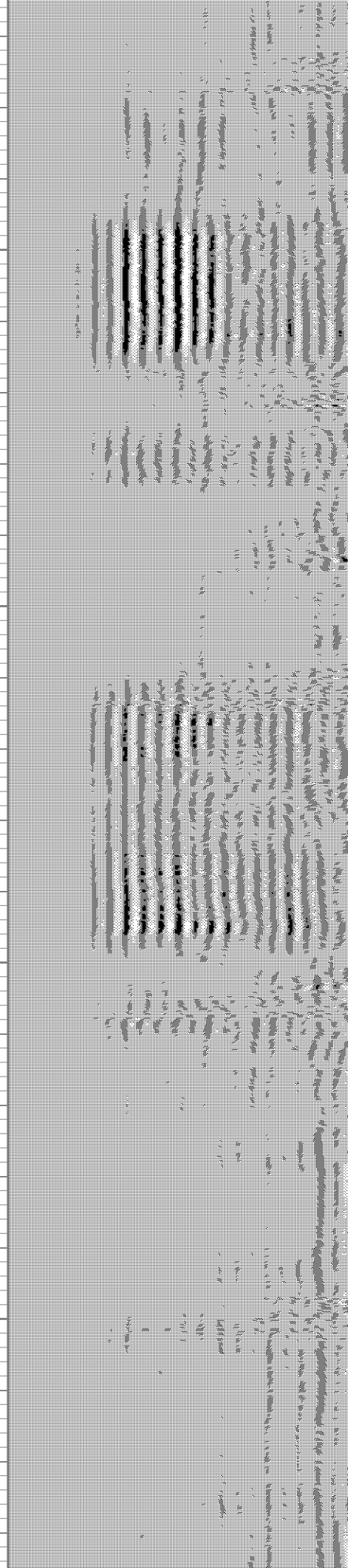
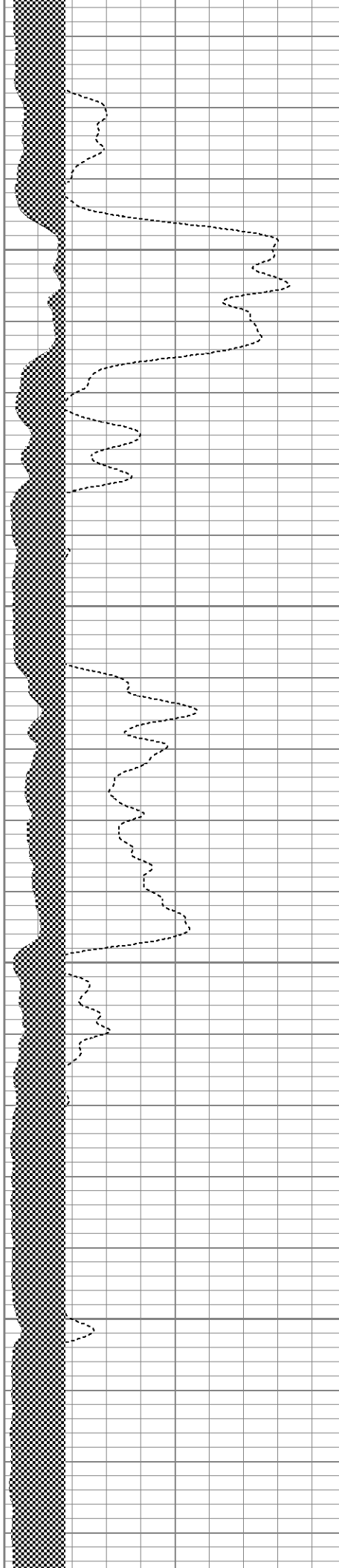


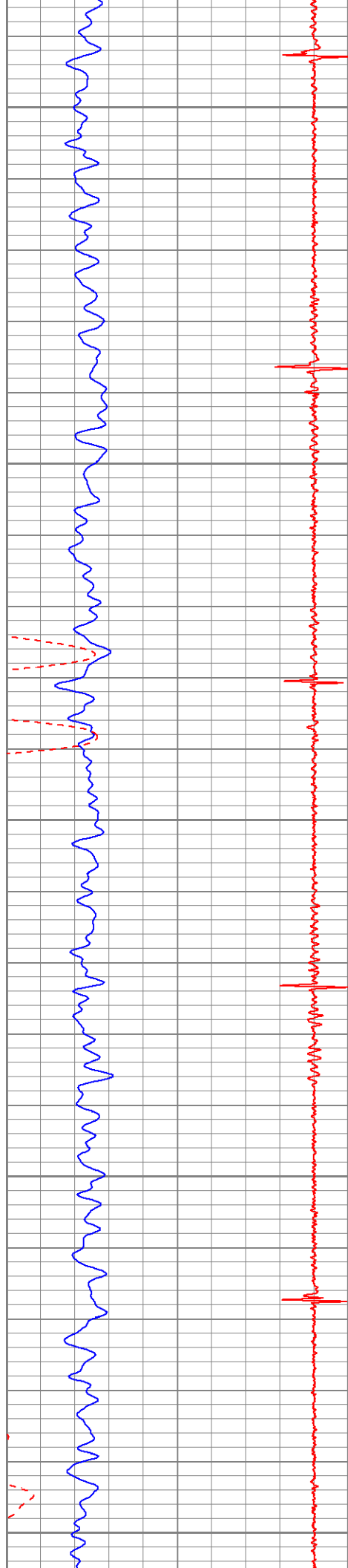
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1650

1700





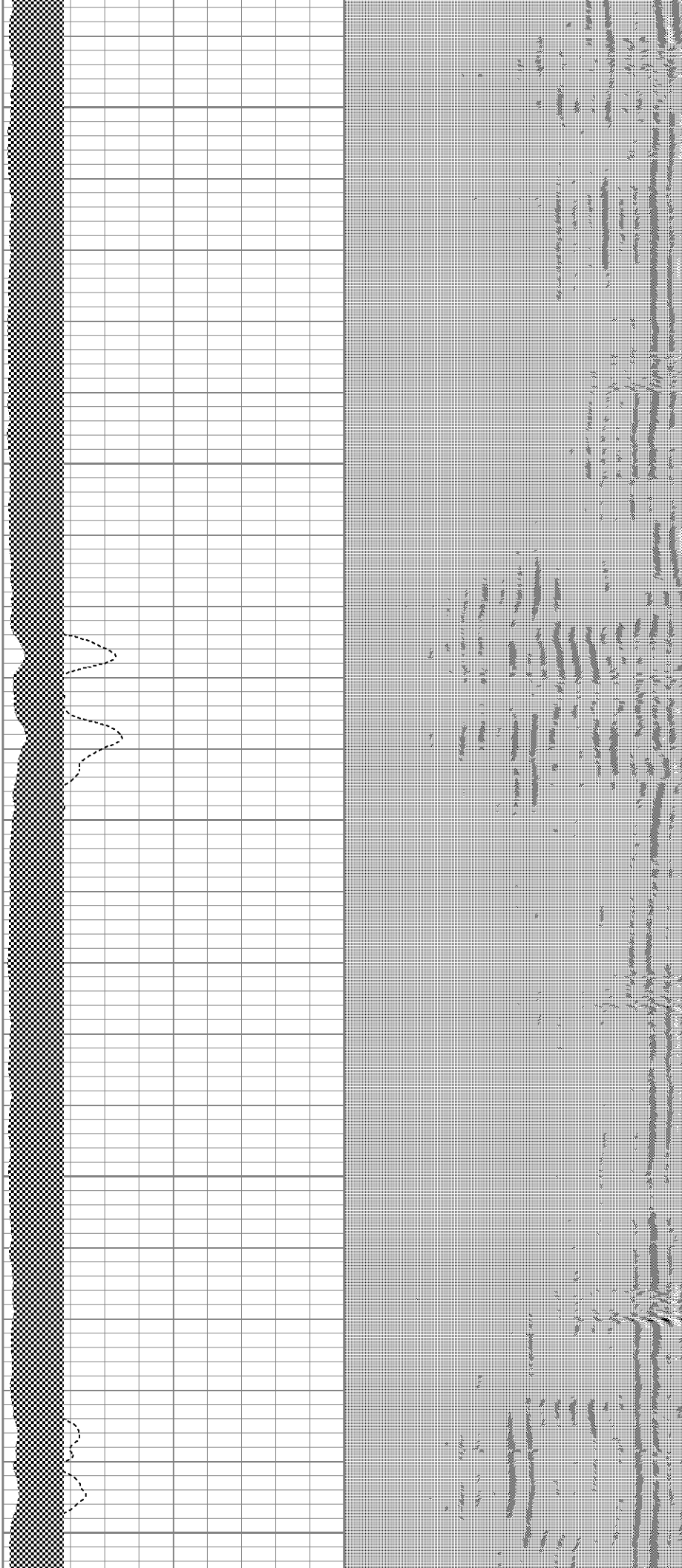
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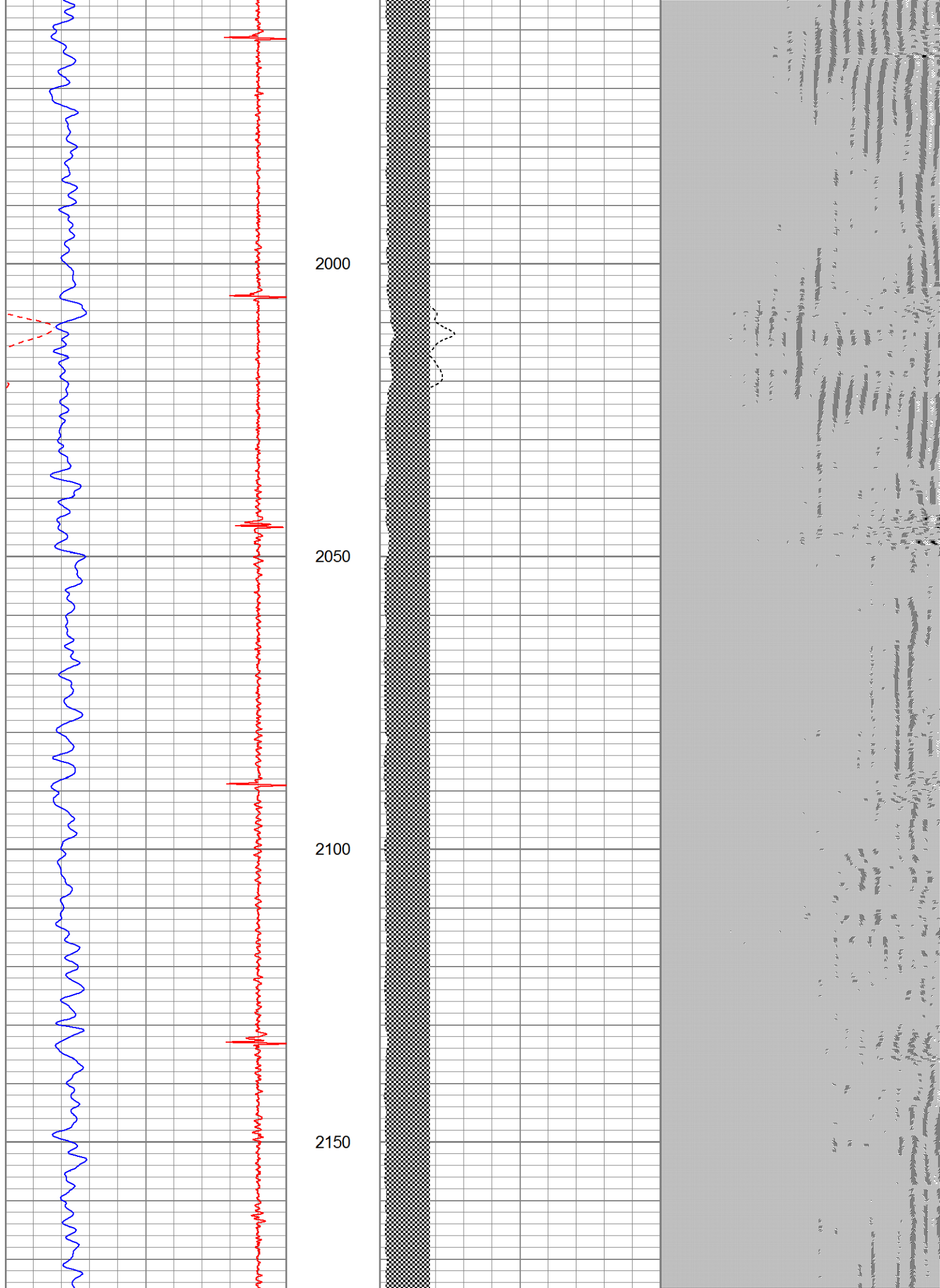
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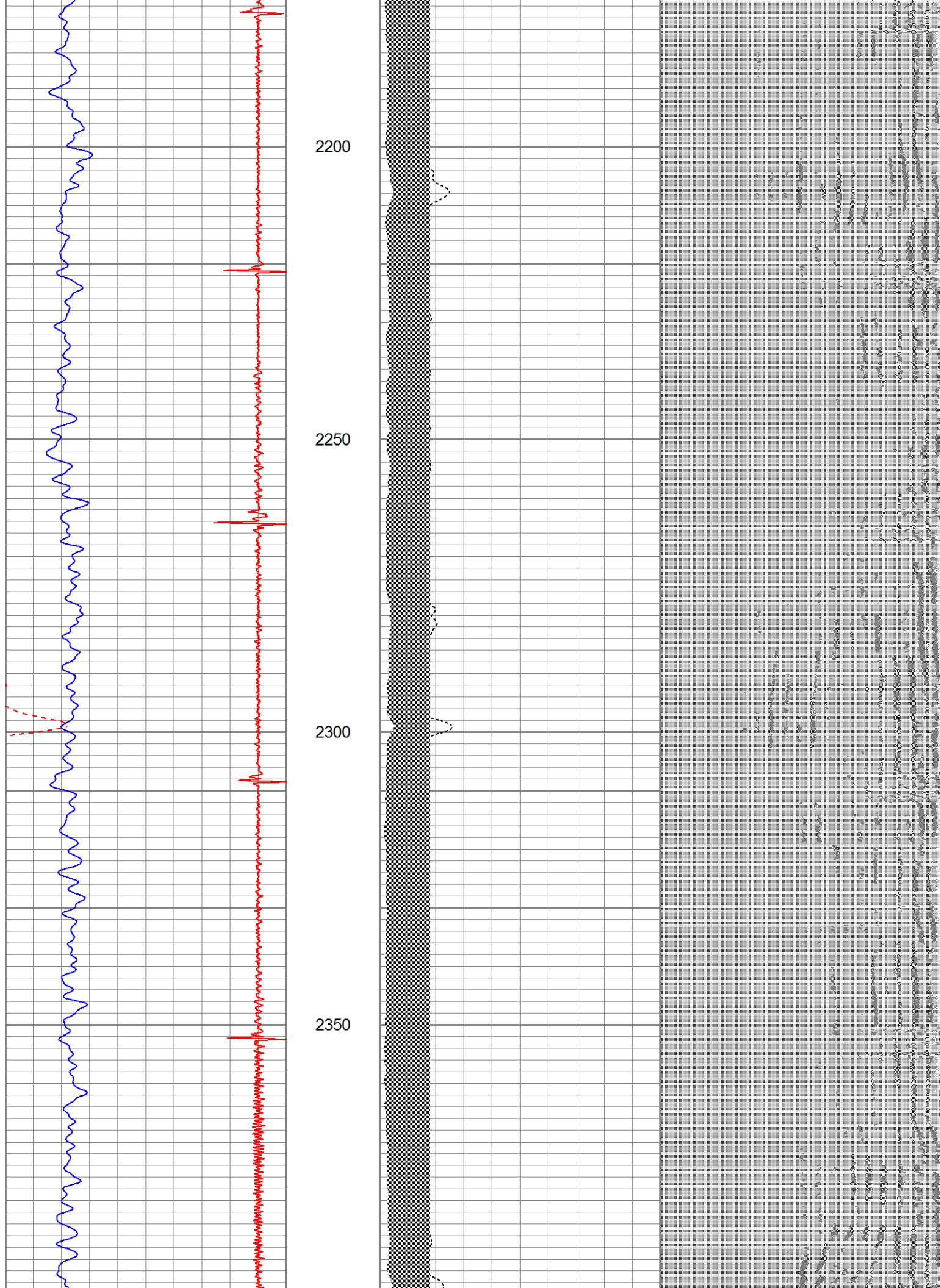
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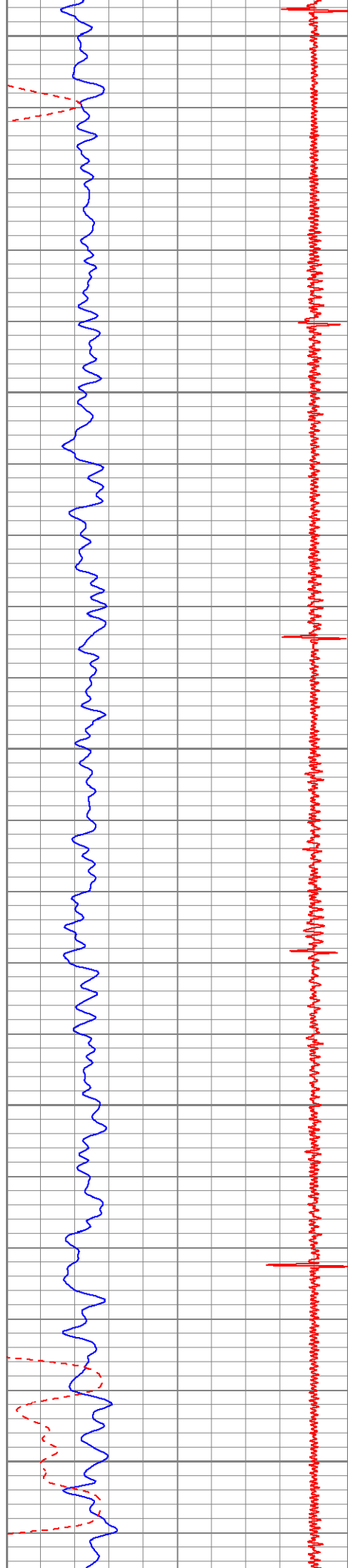
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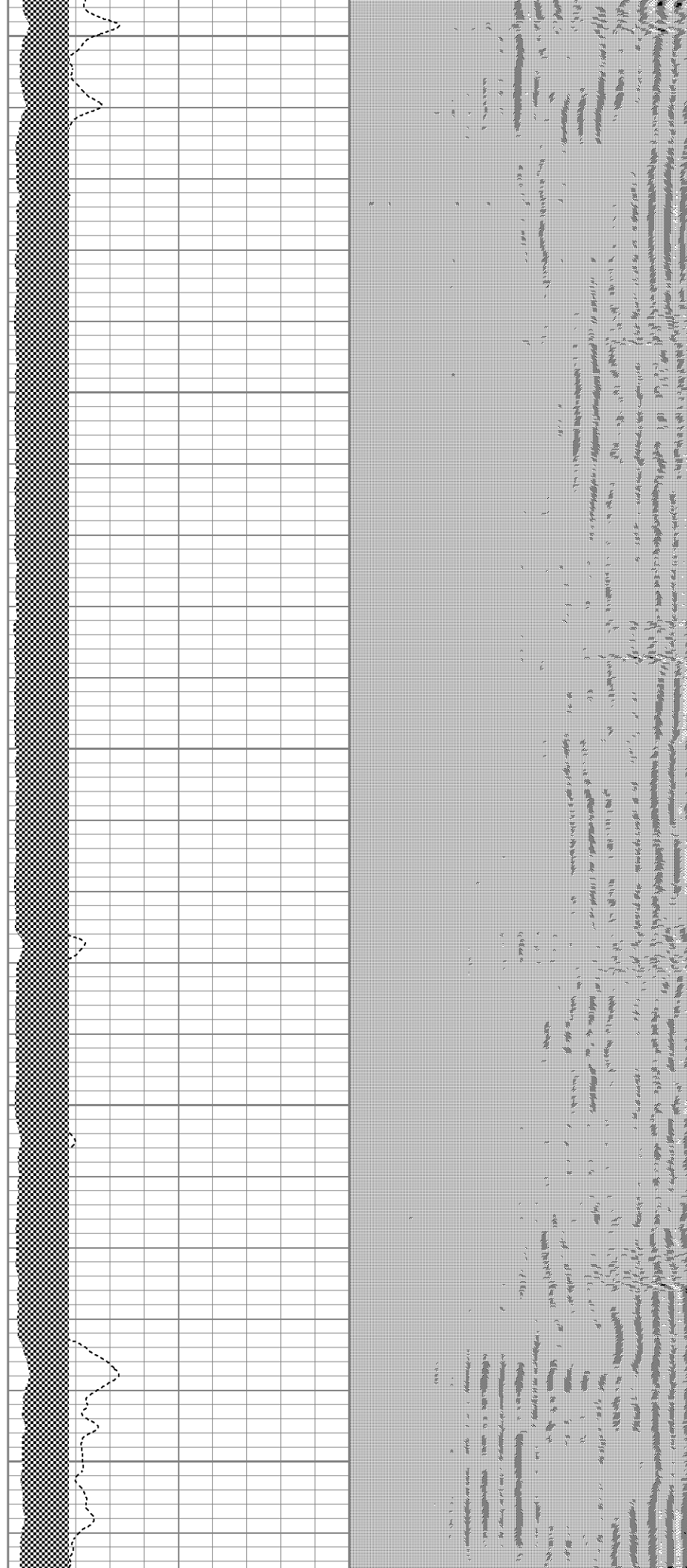
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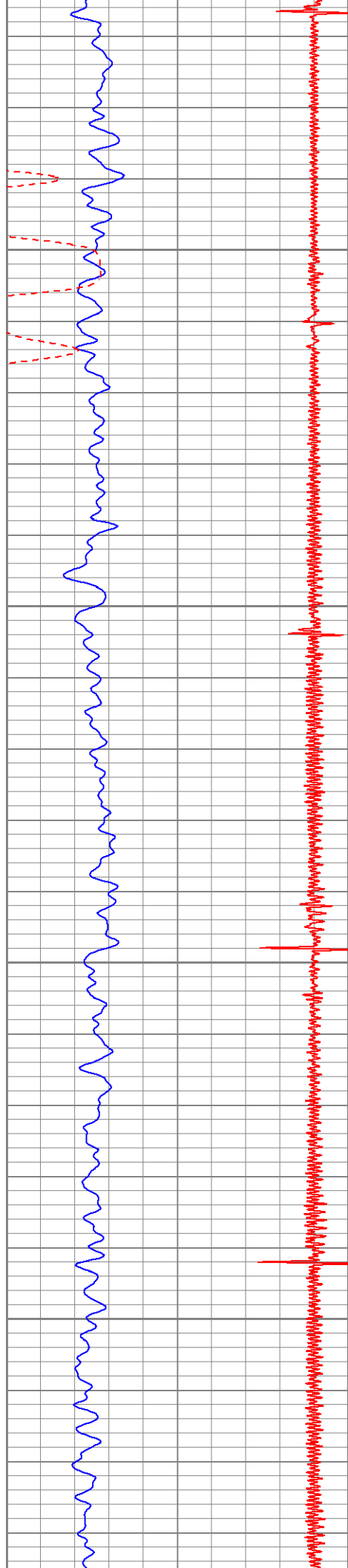
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2600



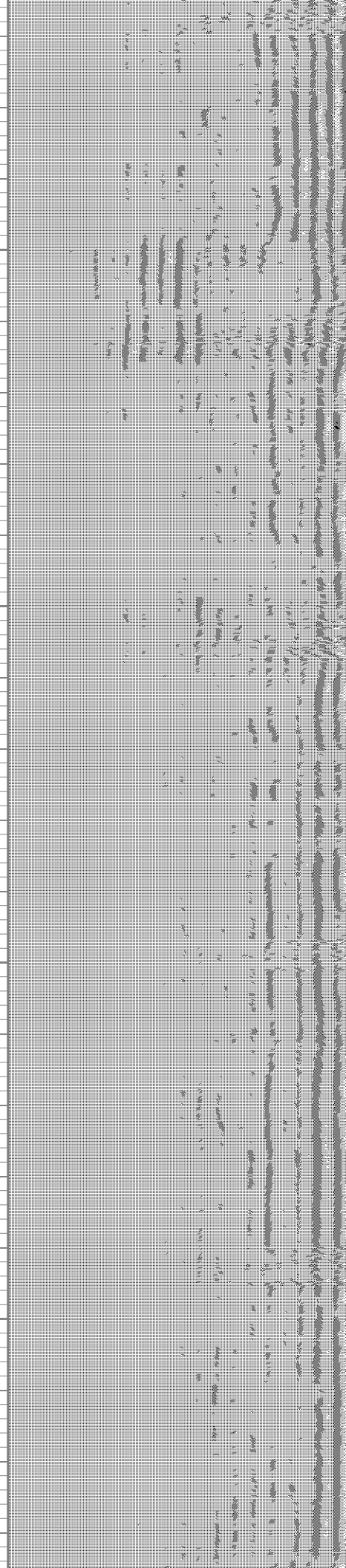
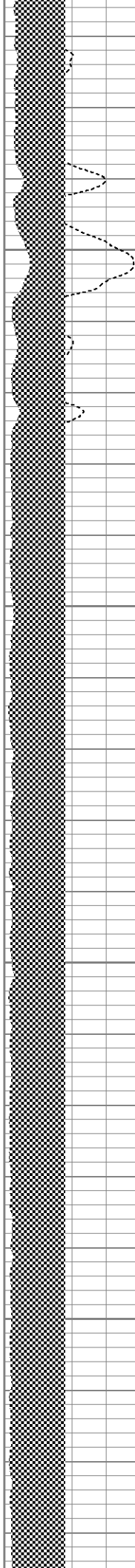


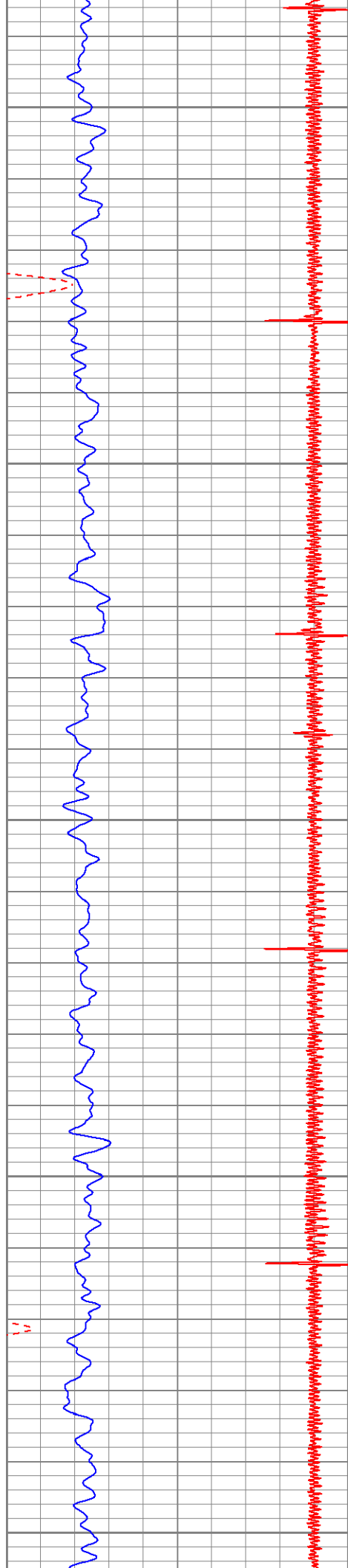
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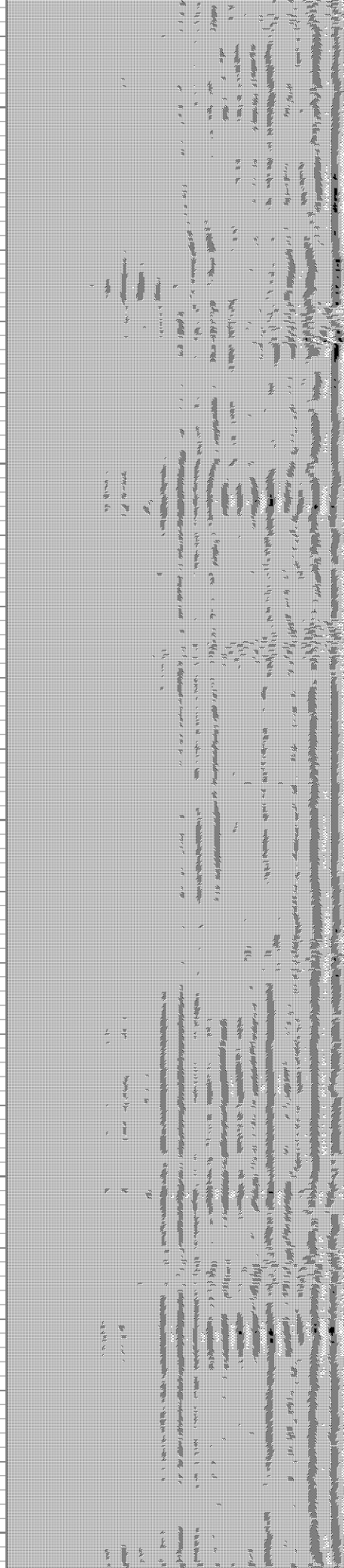
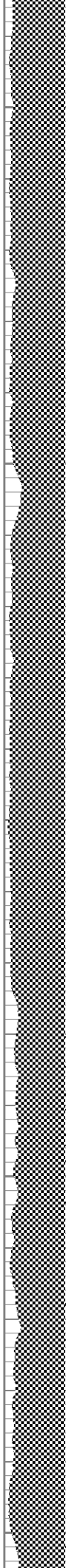
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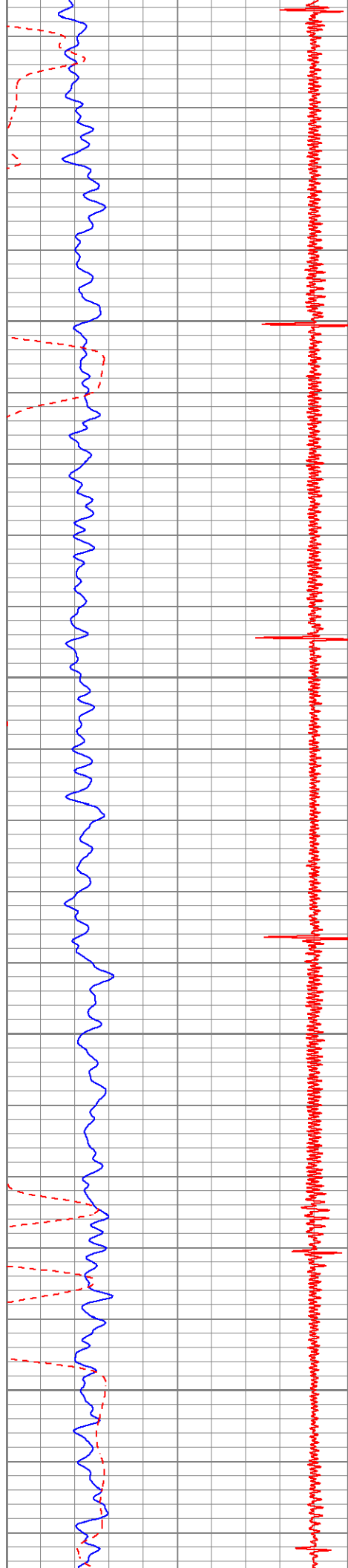
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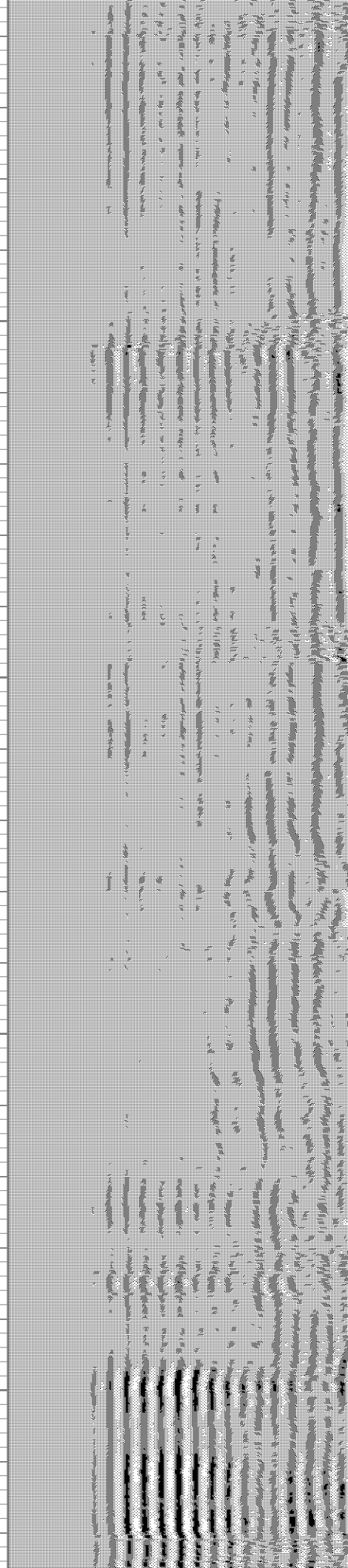
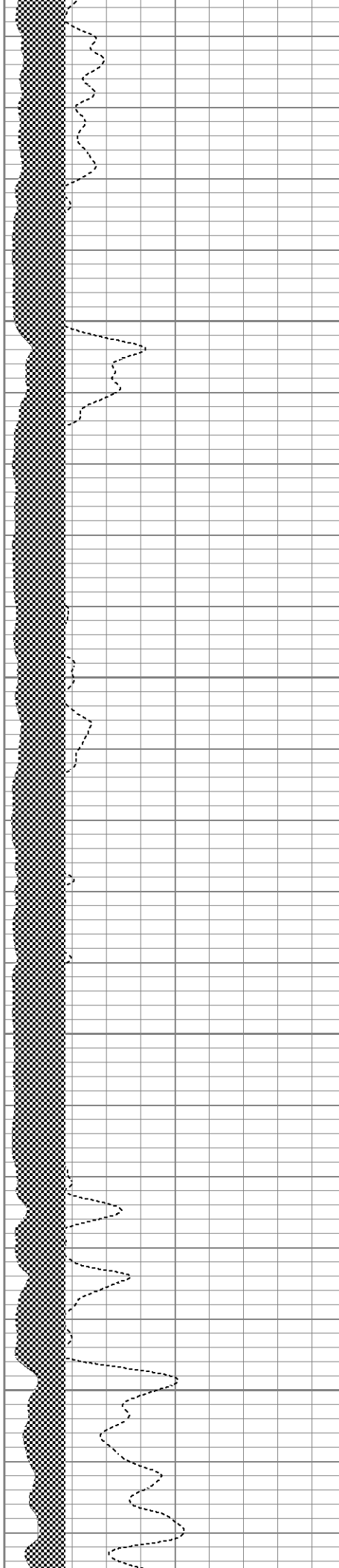


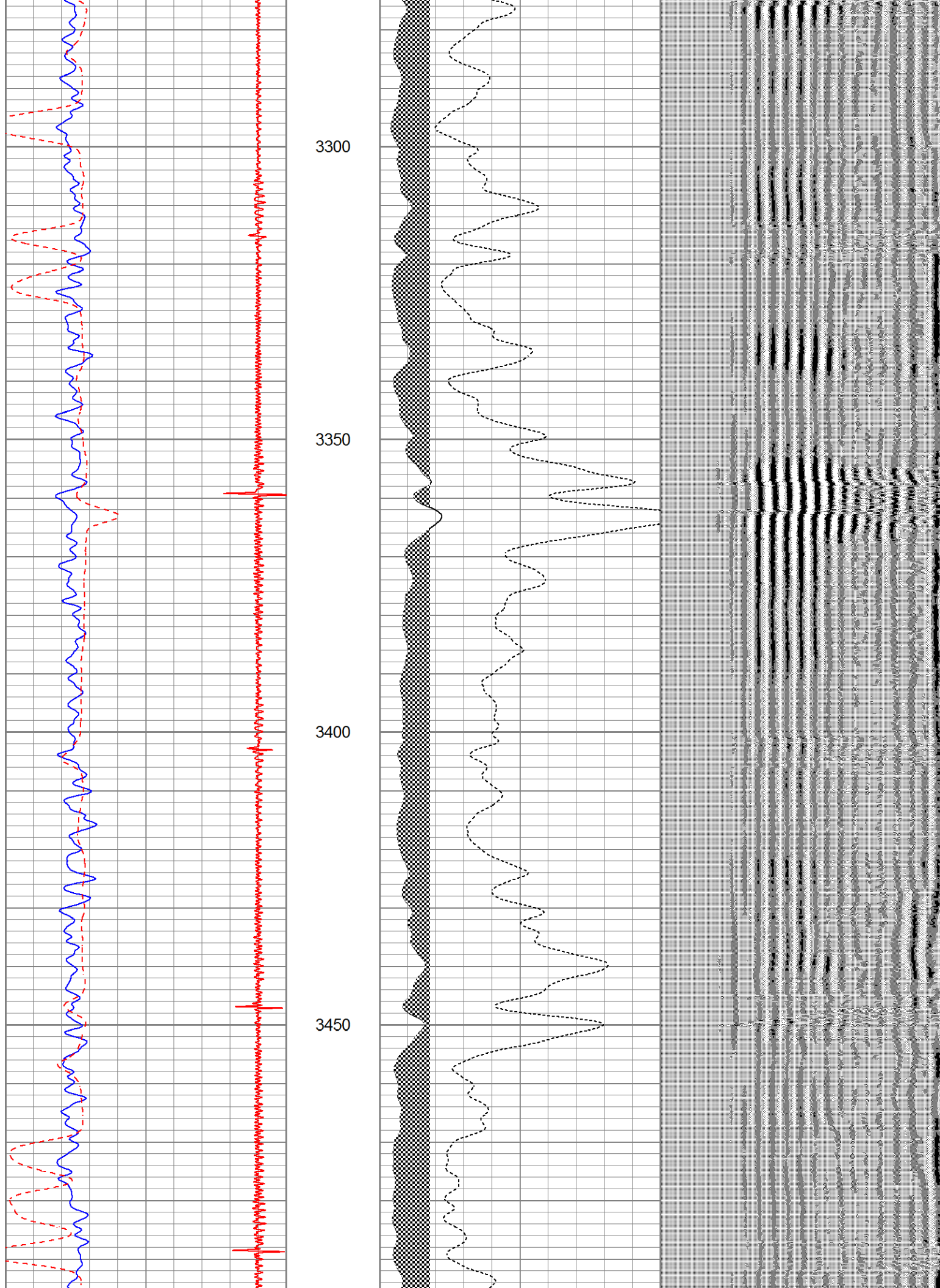
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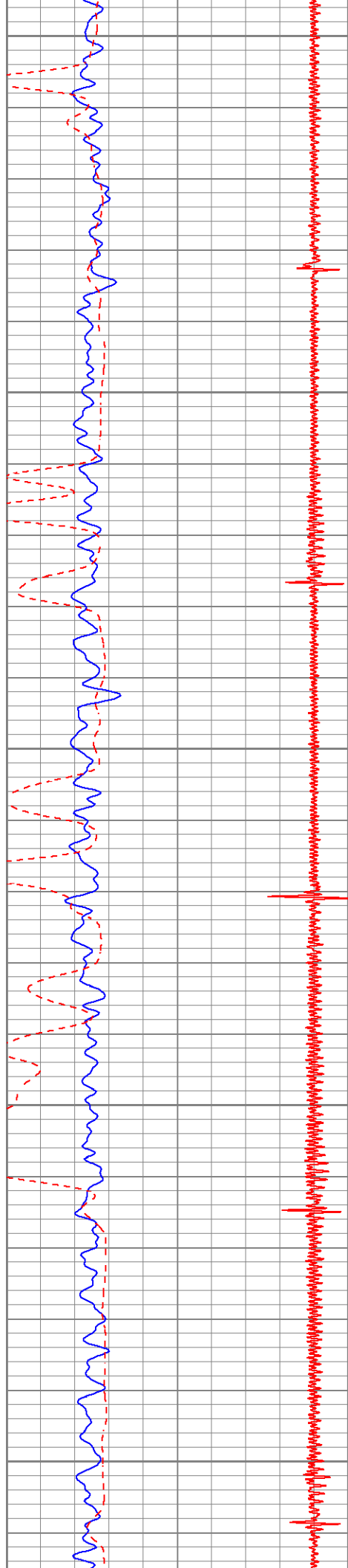
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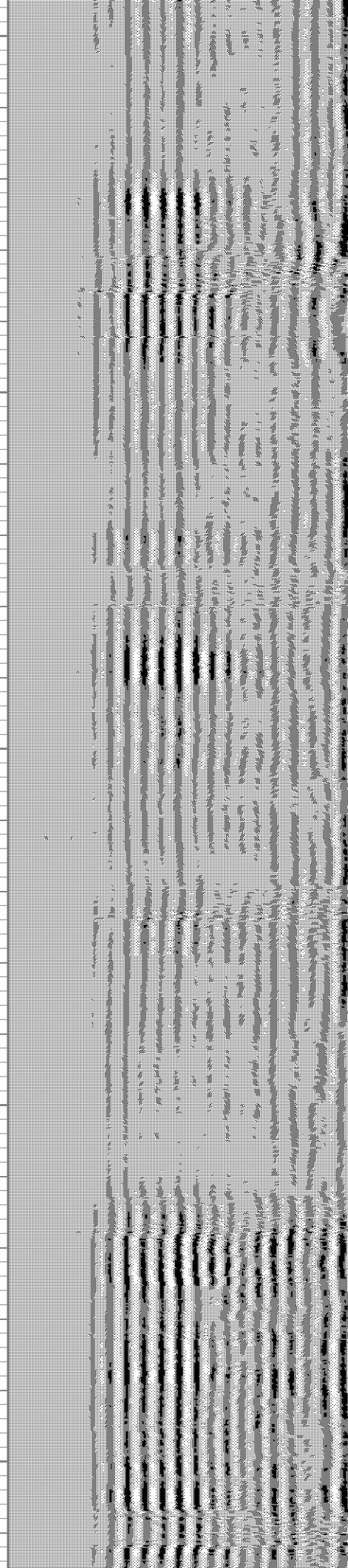
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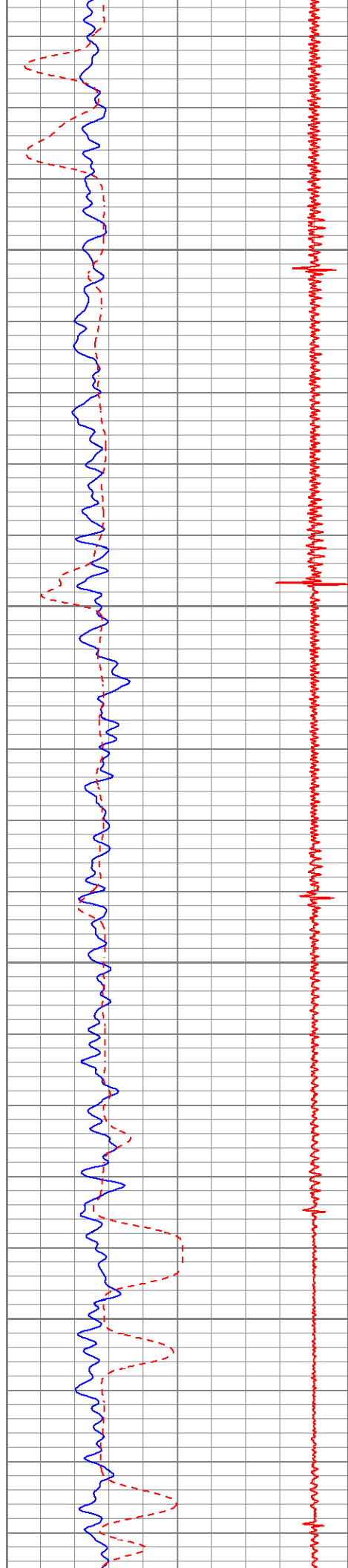
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3650

3700



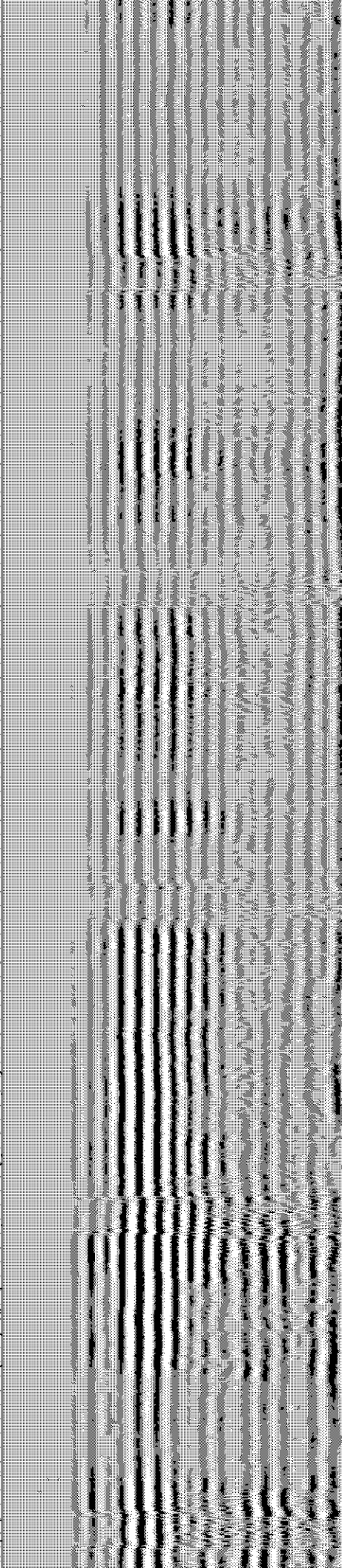
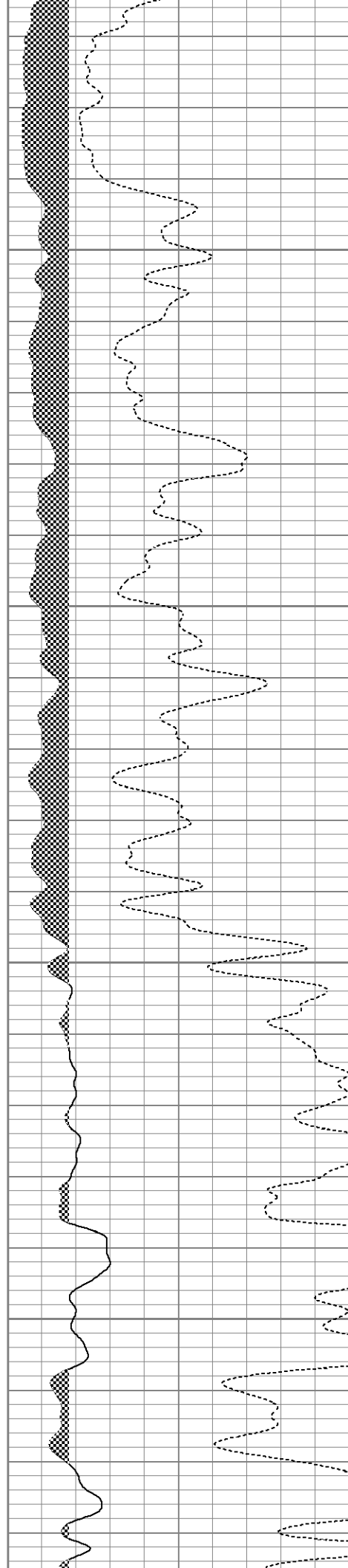


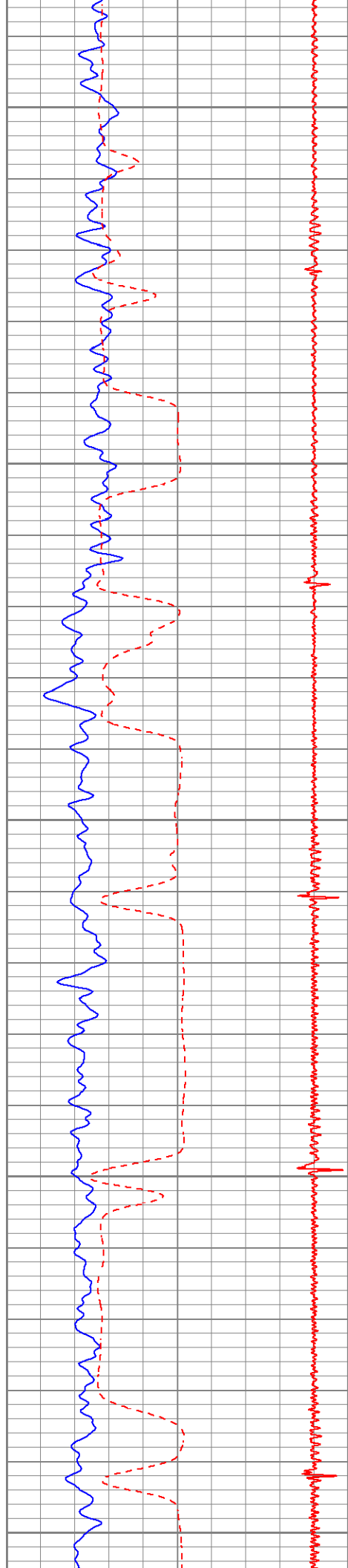
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3850

3900





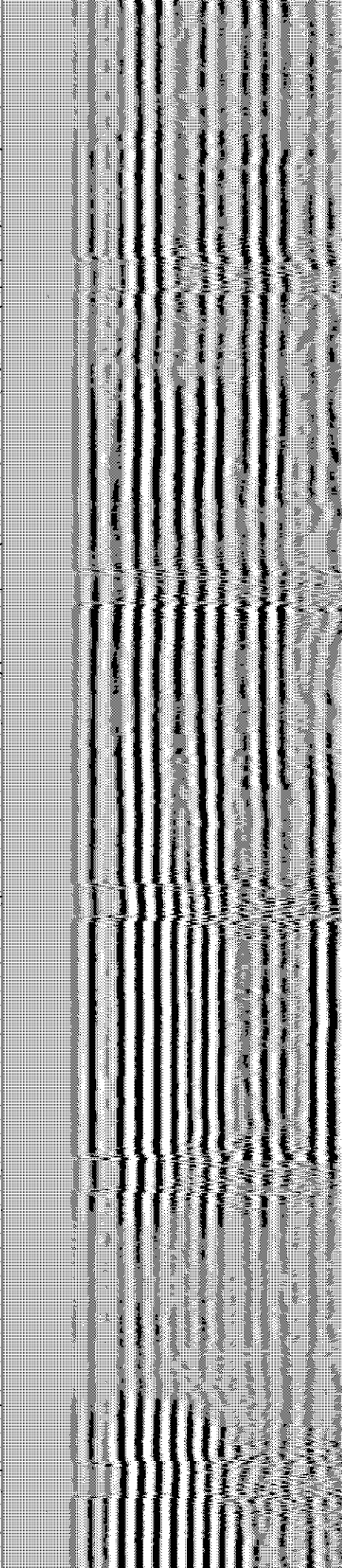
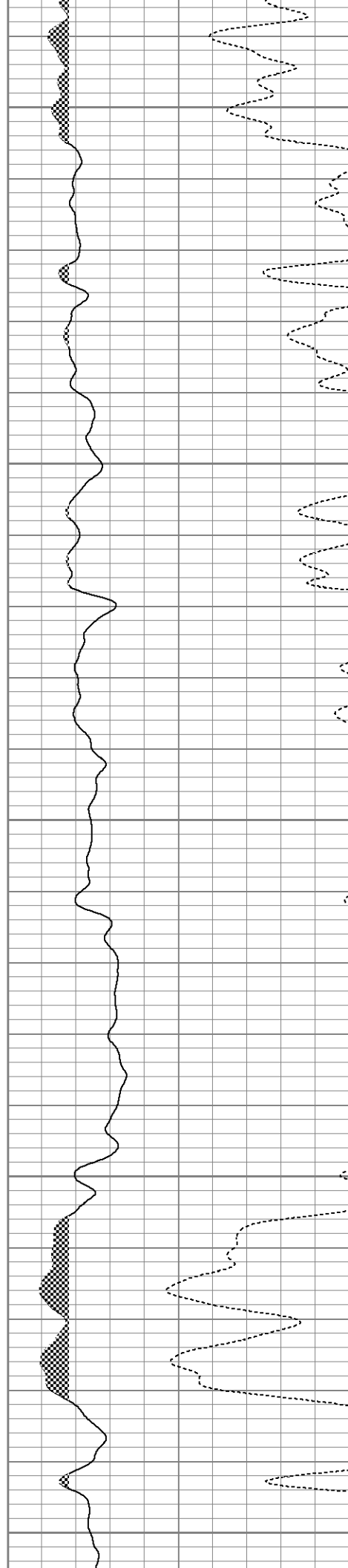
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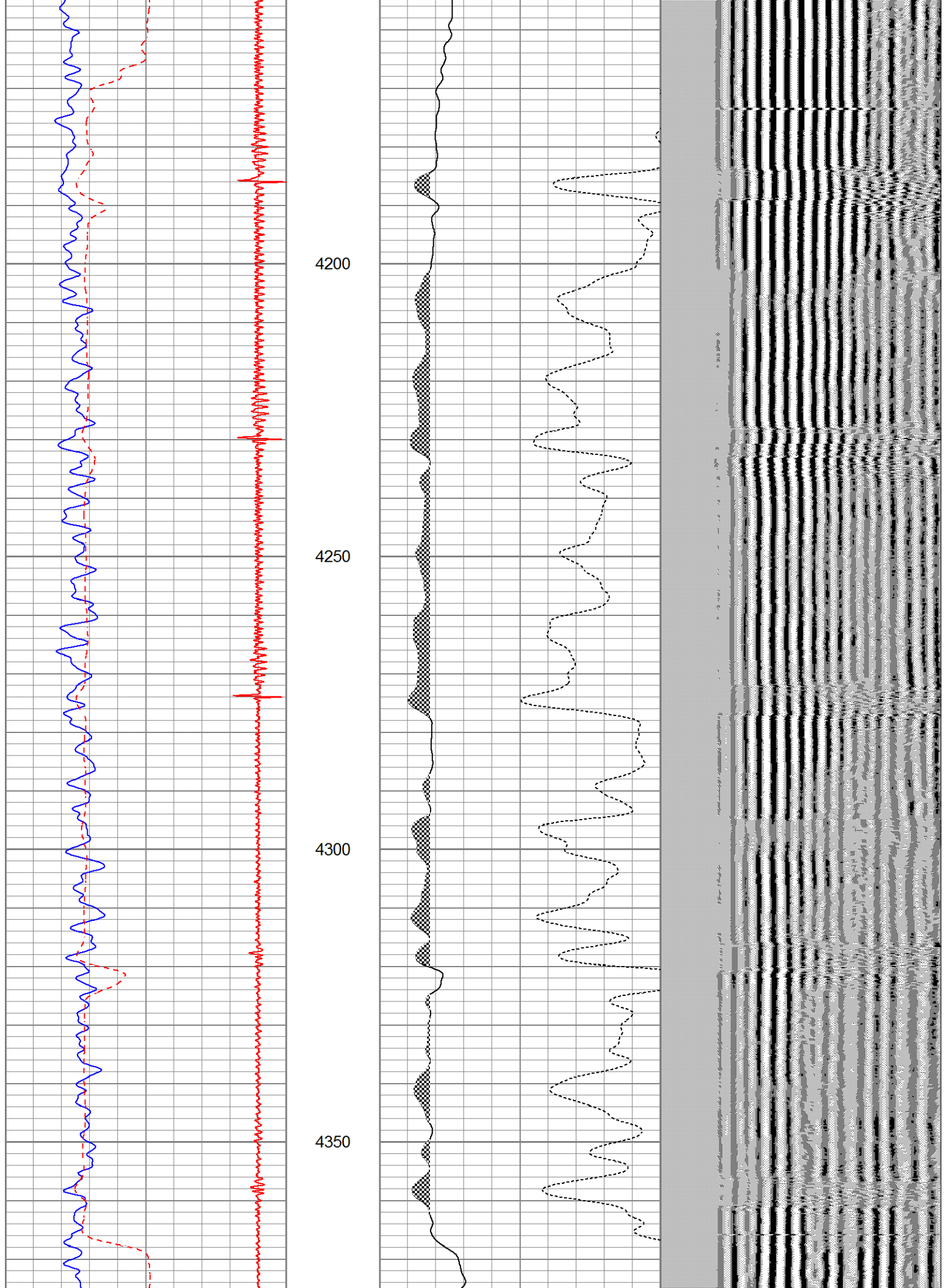
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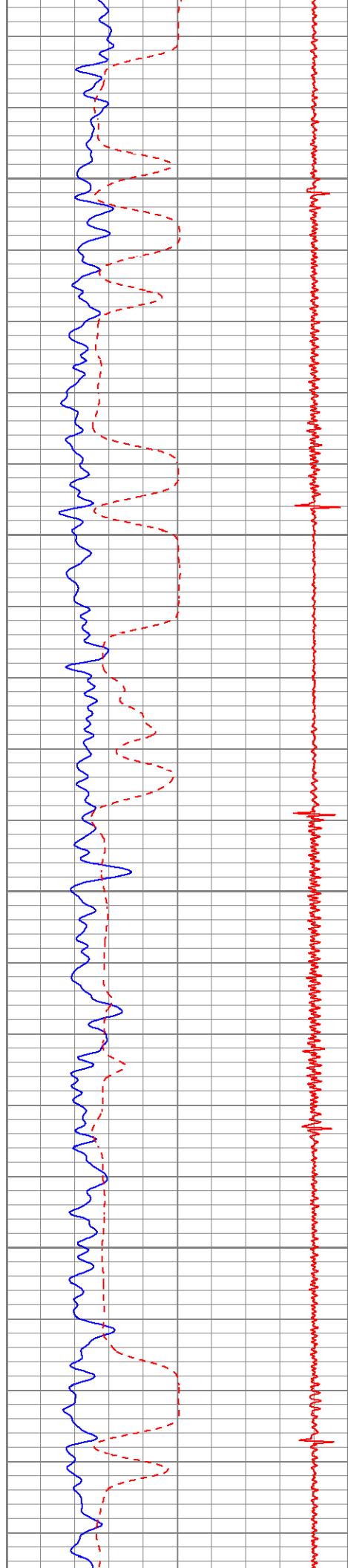
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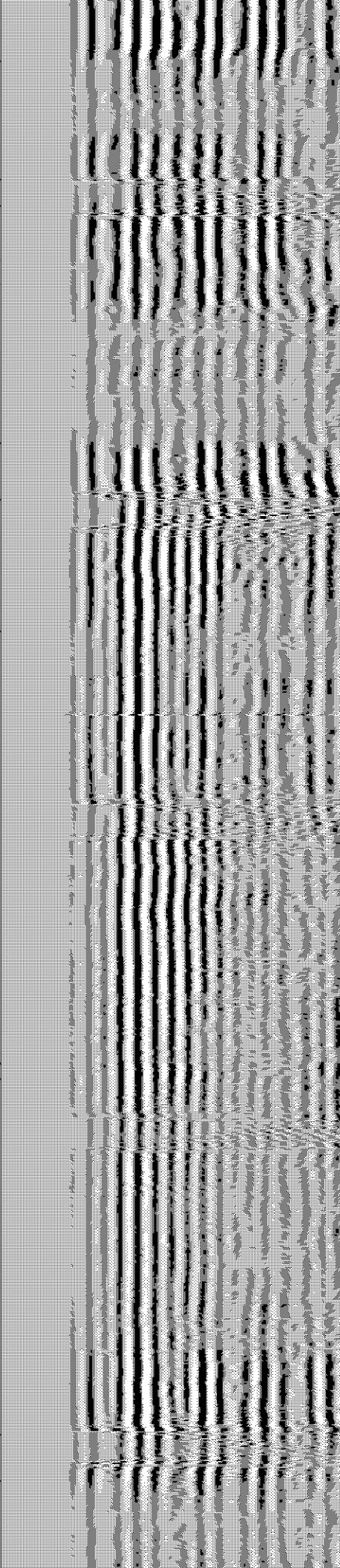
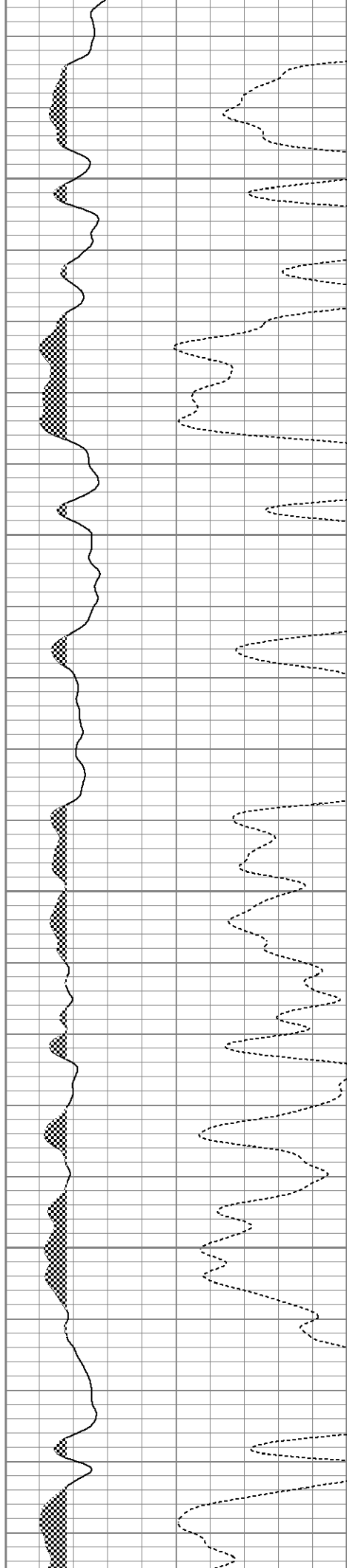


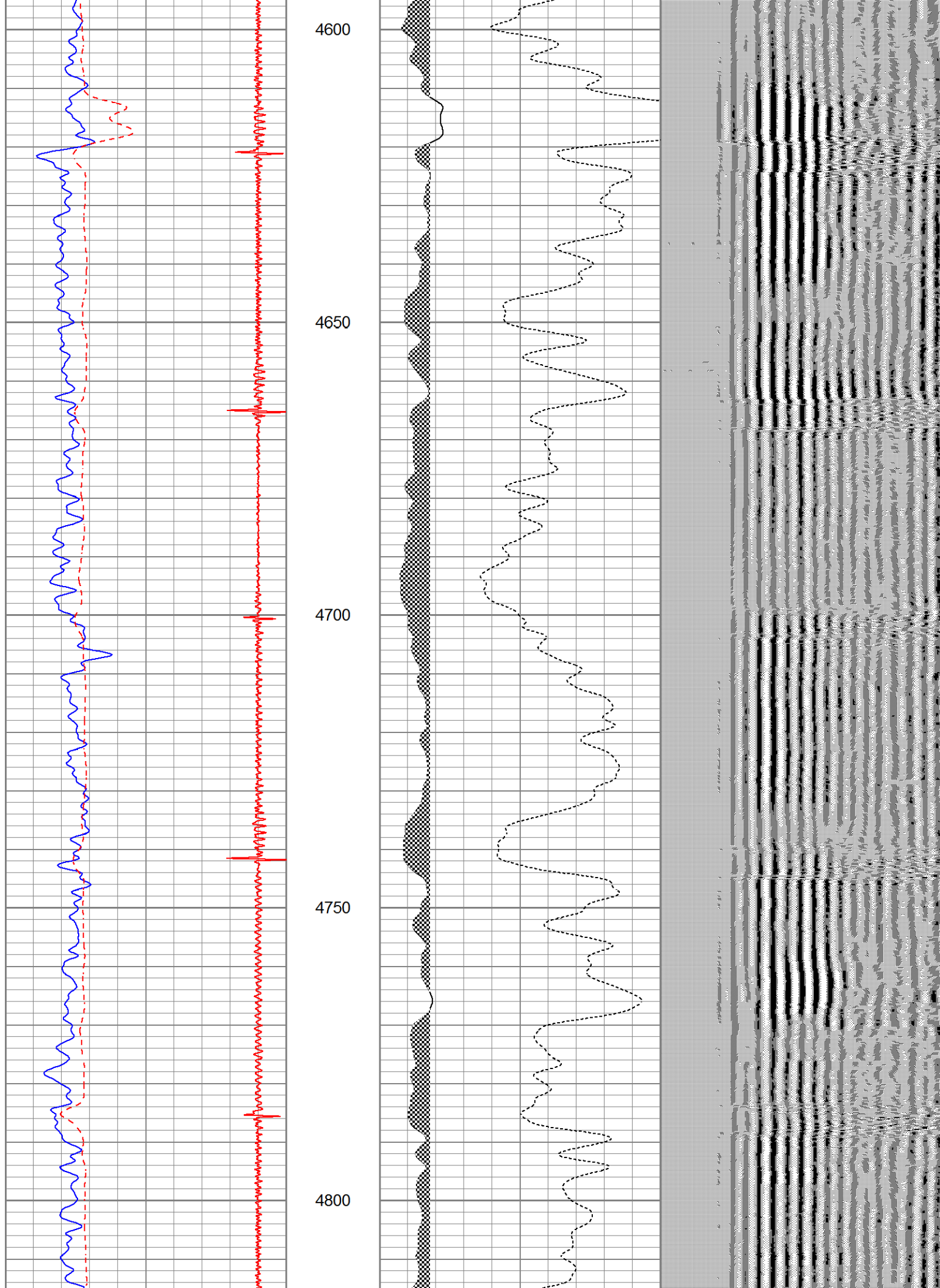
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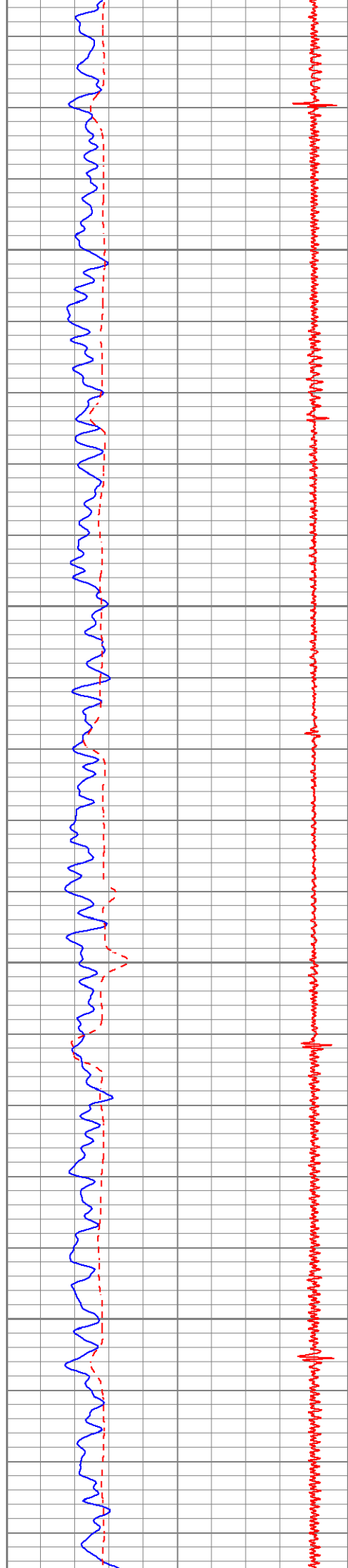
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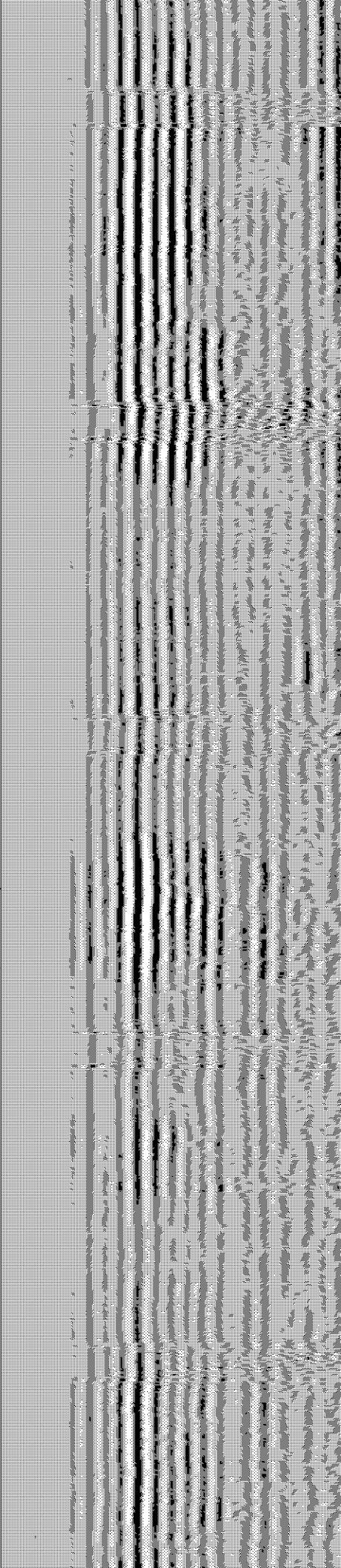
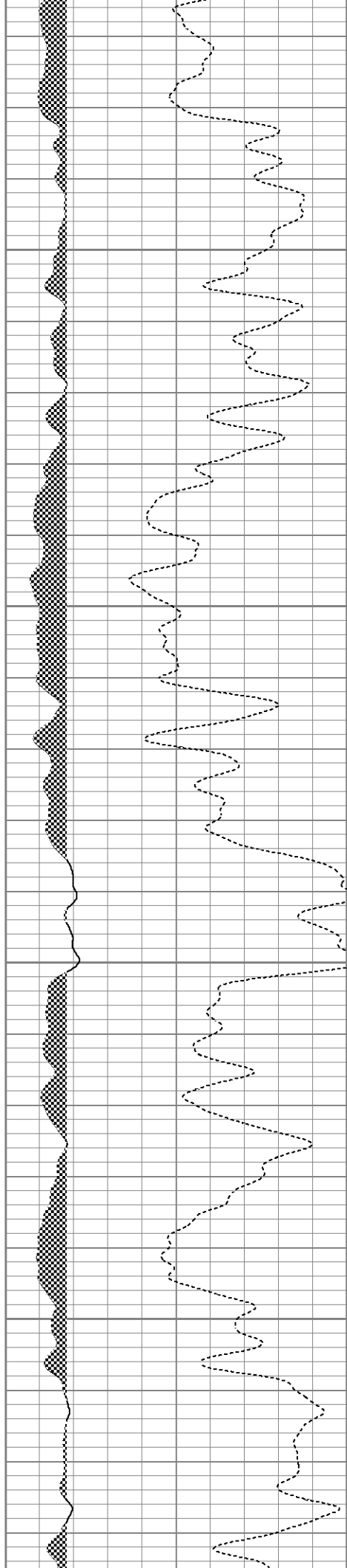


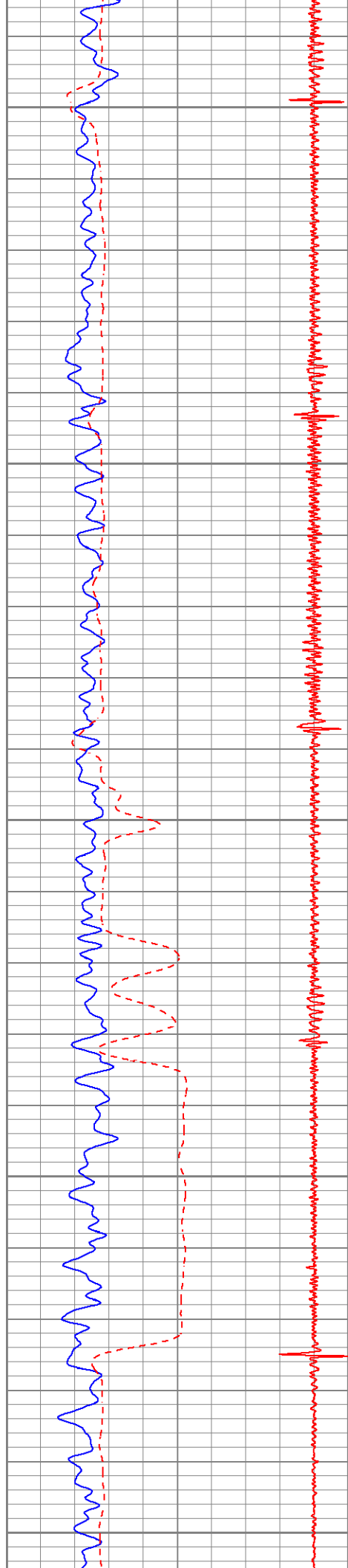
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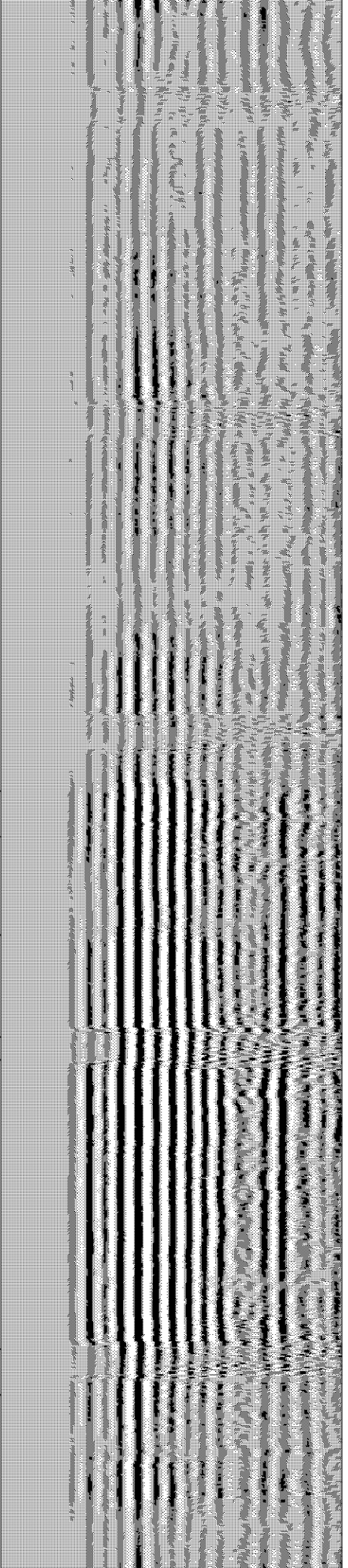
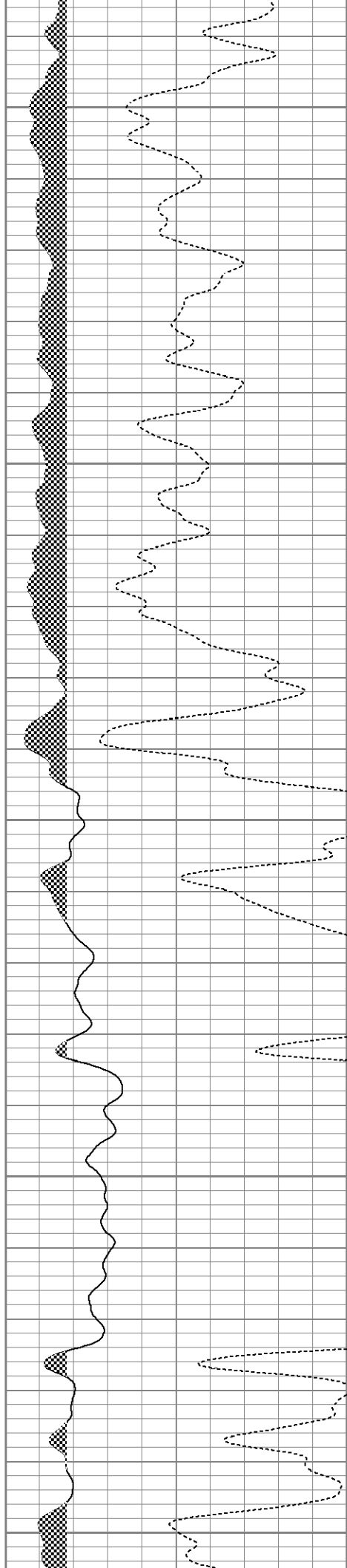
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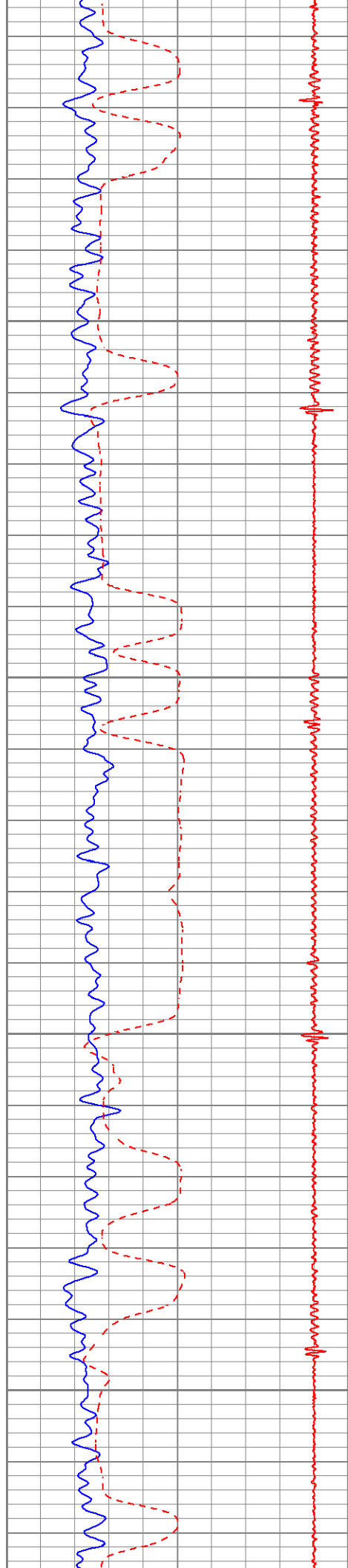
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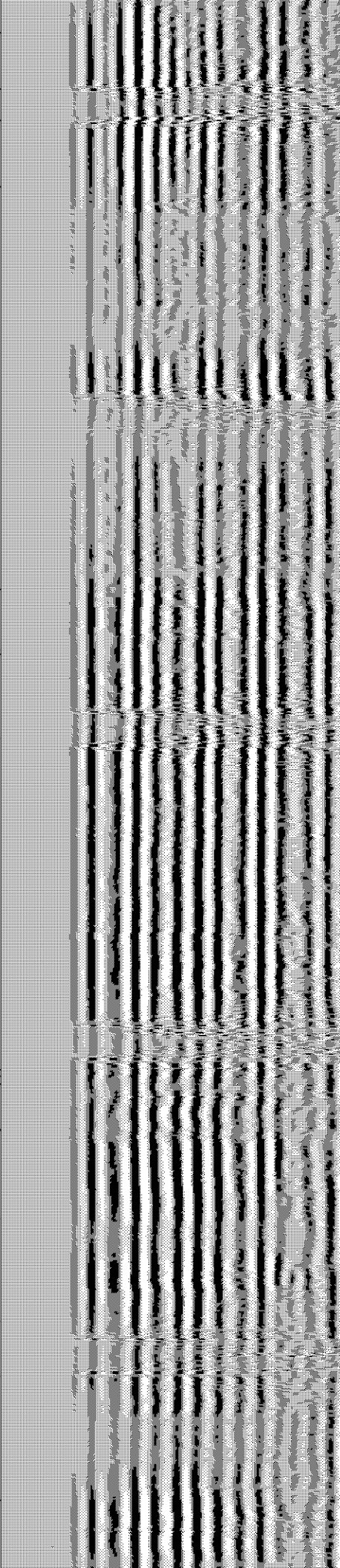
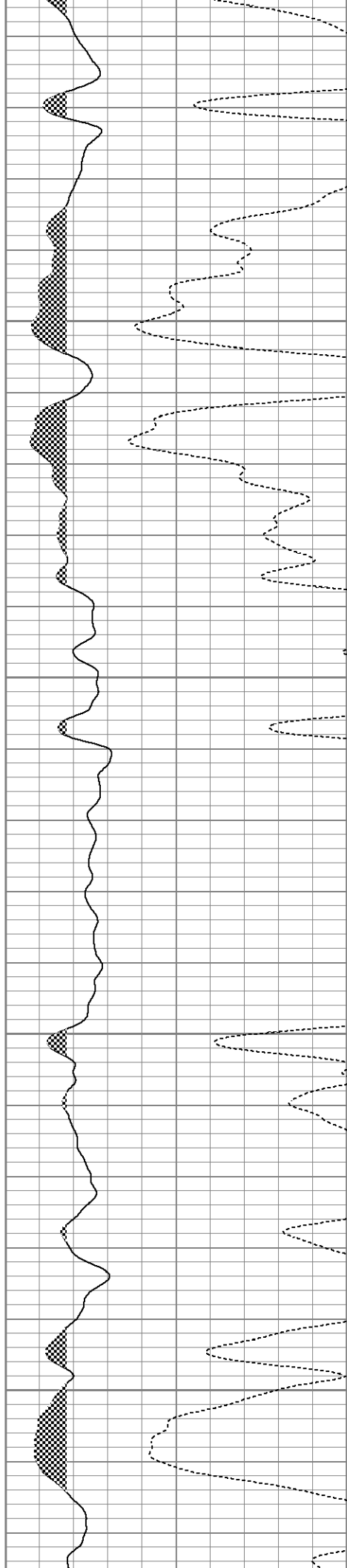


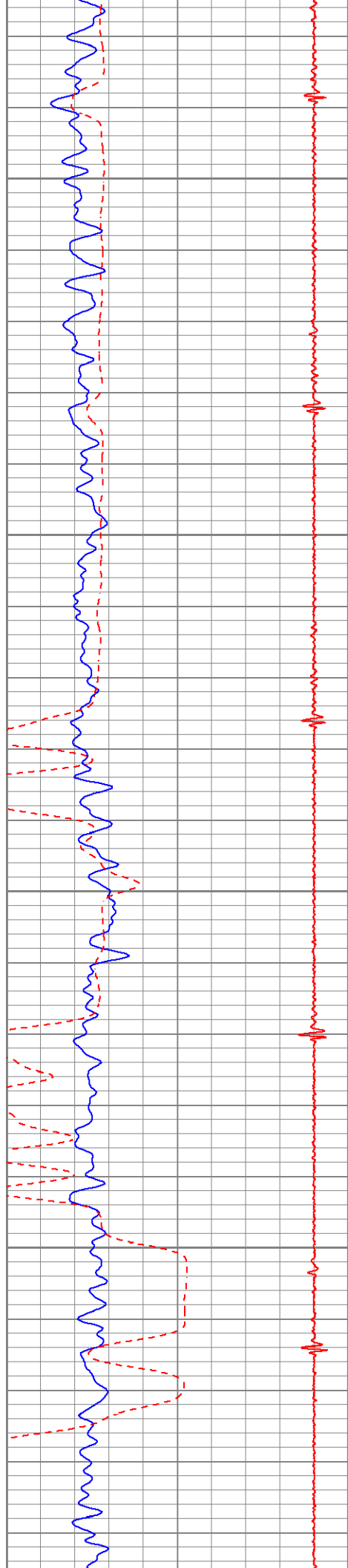
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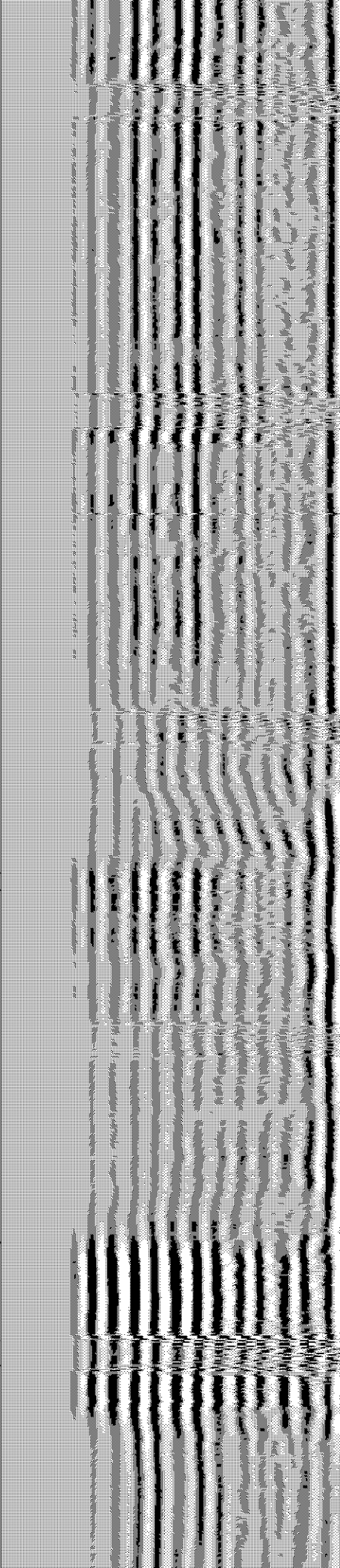
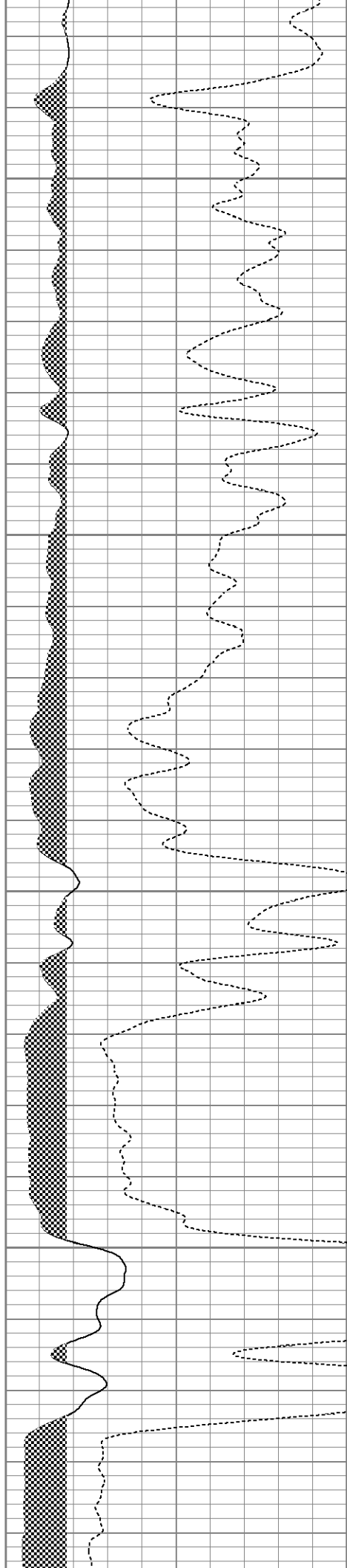


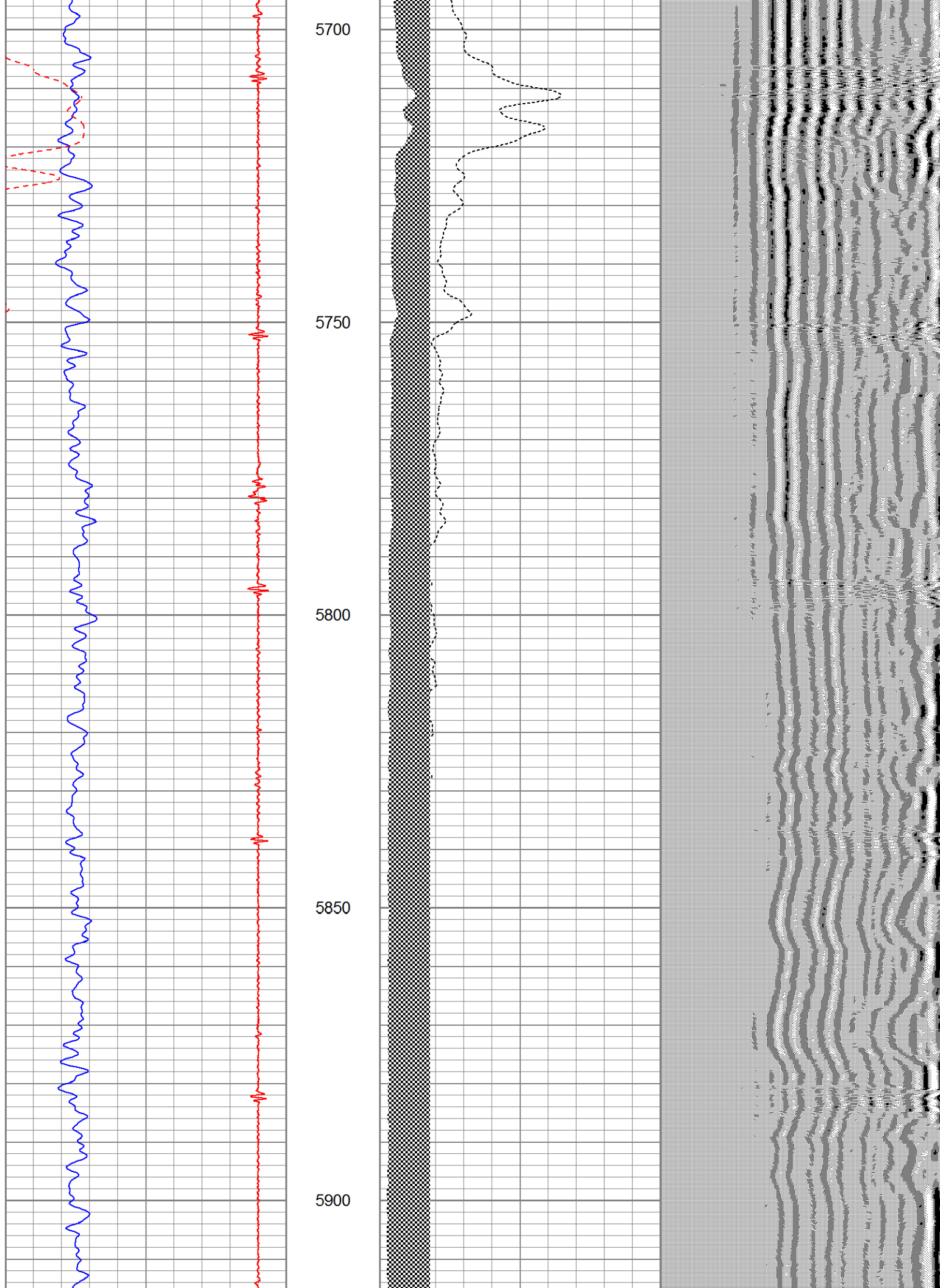
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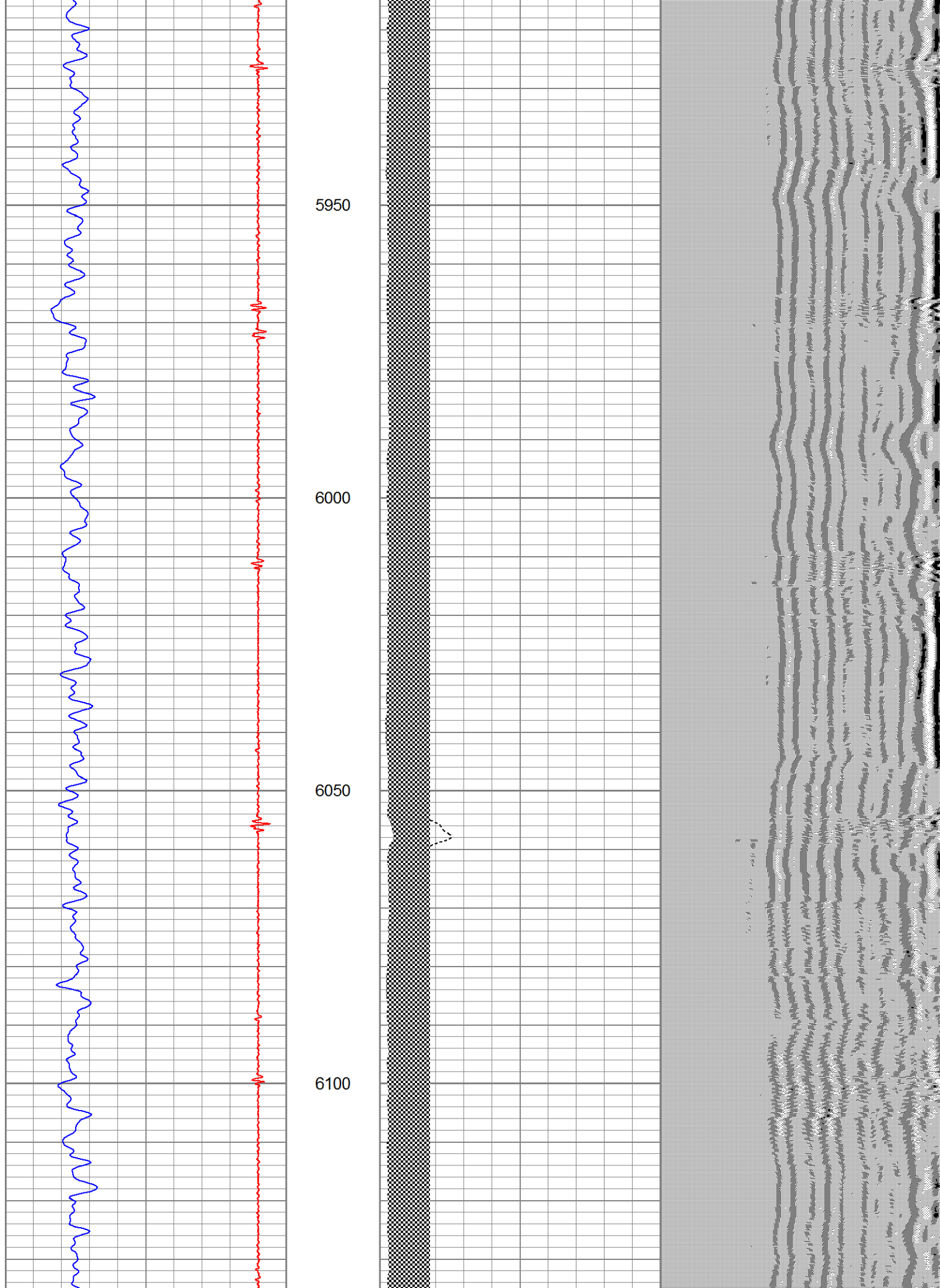
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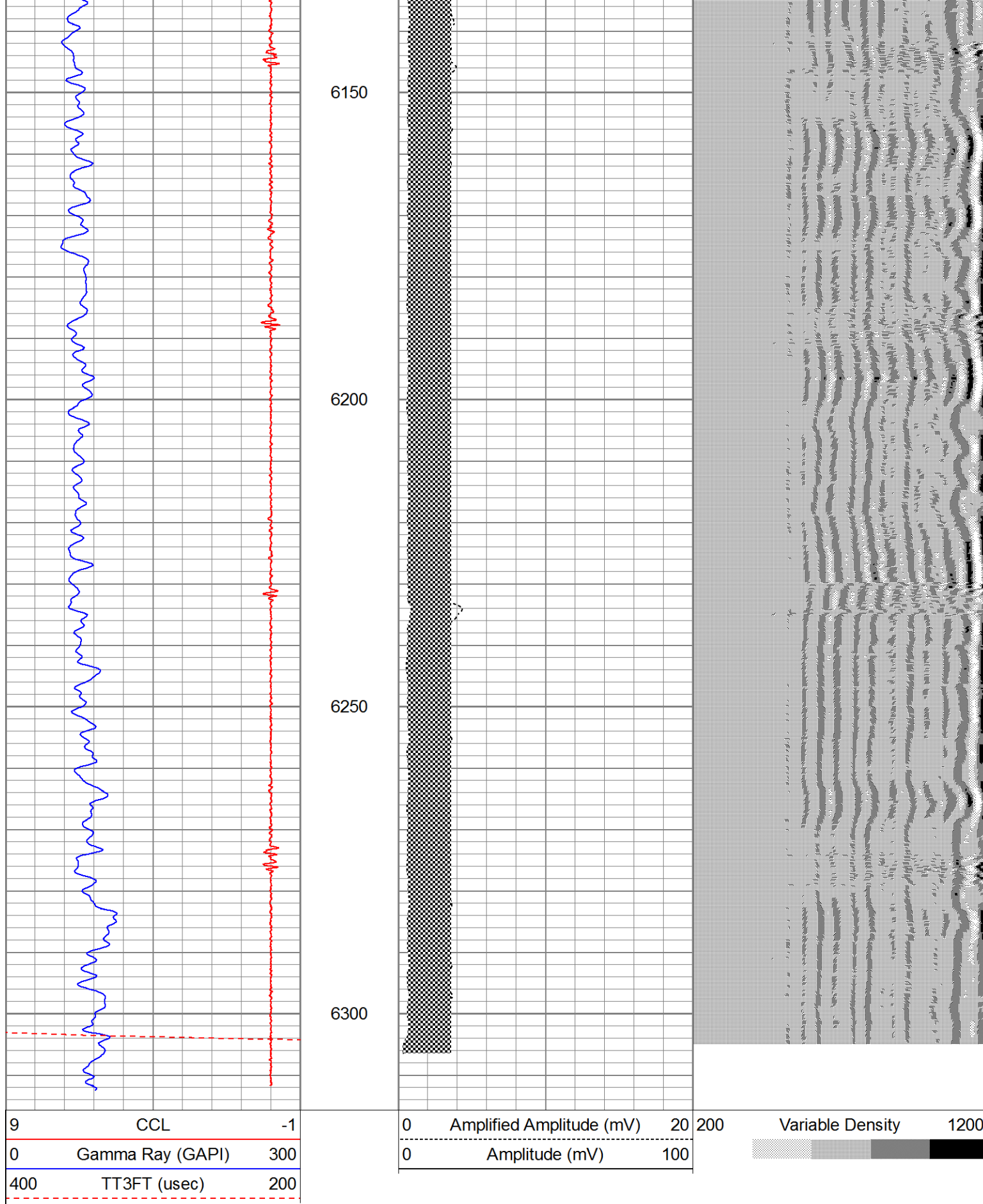
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Calibration Report

Database File camp 9n-30hz.db
Dataset Pathname pass4
Dataset Creation Tue Mar 17 09:46:23 2020

Gamma Ray Calibration Report

Type / Serial:

Probe275dig / 101010

SHOP CALIBRATION

Wed Feb 27 07:52:48 2013

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6500			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: 110802
Tool Model: Probe275Digital

Calibration Casing Diameter: 7.000 in
Calibration Depth: 782.027 ft

Master Calibration, performed Tue Mar 17 09:32:29 2020:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.012	1.445	1.000	62.165	41.970	1.500
CAL						
5'	-0.012	1.542	1.000	62.165	39.367	1.469
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed (Not Performed):

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