



PHOENIX SURVEYS, INC.

Gamma Ray C.C.L.  
Cement Bond V.D.L.

Company	Lone Star LLC	Company	Lone Star LLC
Well	LSWD 1	Well	LSWD 1
Field	Wattenberg	Field	Wattenberg
County	Weld	County	Weld
State	Colorado	State	Colorado
Location:		API # :	Other Services
510 FNL & 2150' FW			
NENW			
SEC 18 Twp. 3N Rge. 64W			
TWP RGE			
Permanent Datum	GL	Elevation	4819
Log Measured From	KB		
Drilling Measured From	KB	Elevation	KB. 4819 D.F. 4818 G.L. 4805
Date	December 7, 2011		
Run Number	One		
Depth Driller			
Depth Logger	9917		
Bottom Logged Interval	7715		
Top Log Interval			
Casing Driller			
Casing Logger			
Bit Size			
Type Fluid in Hole			
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			
Location			
Recorded By			
Witnessed By			

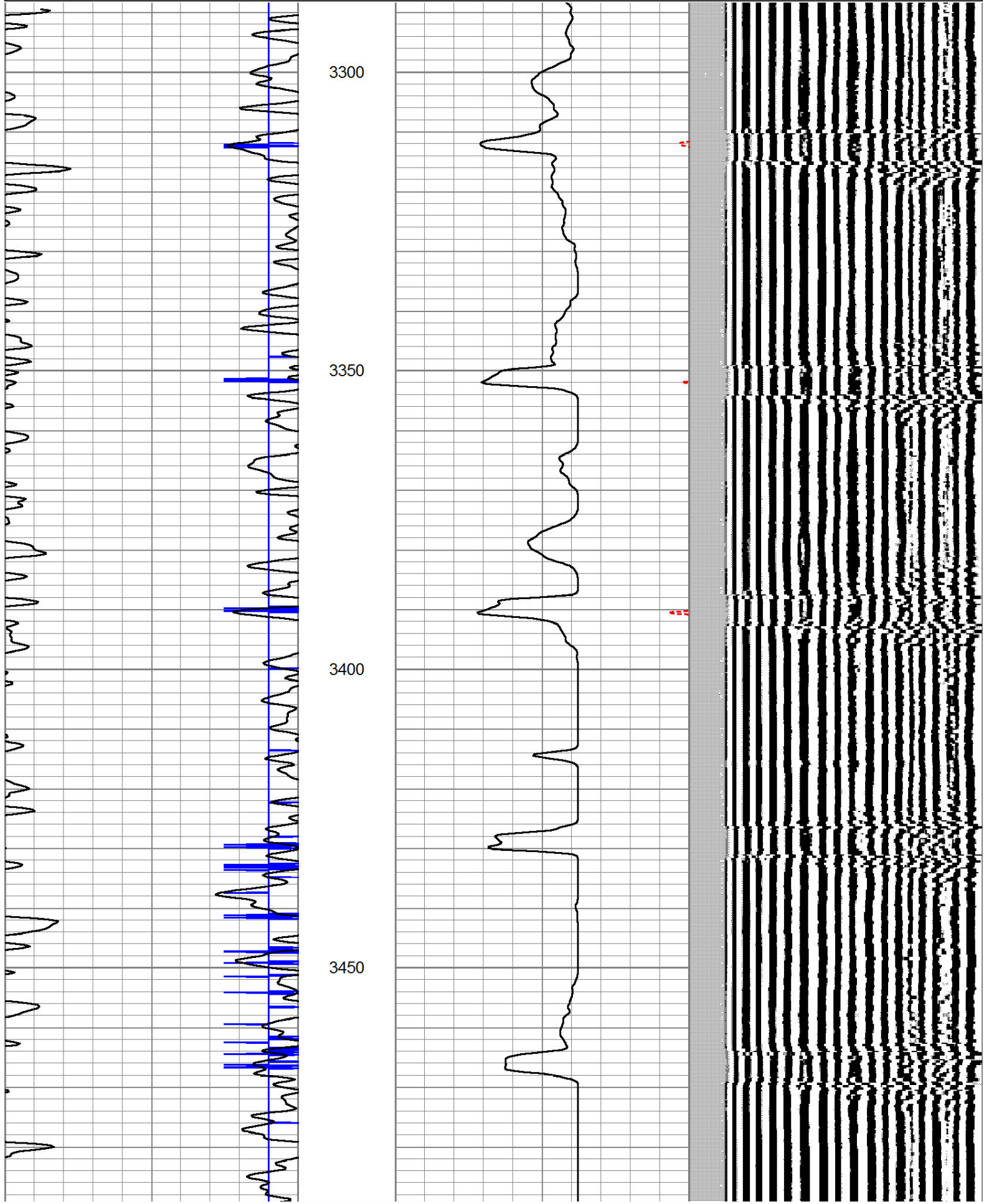
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.

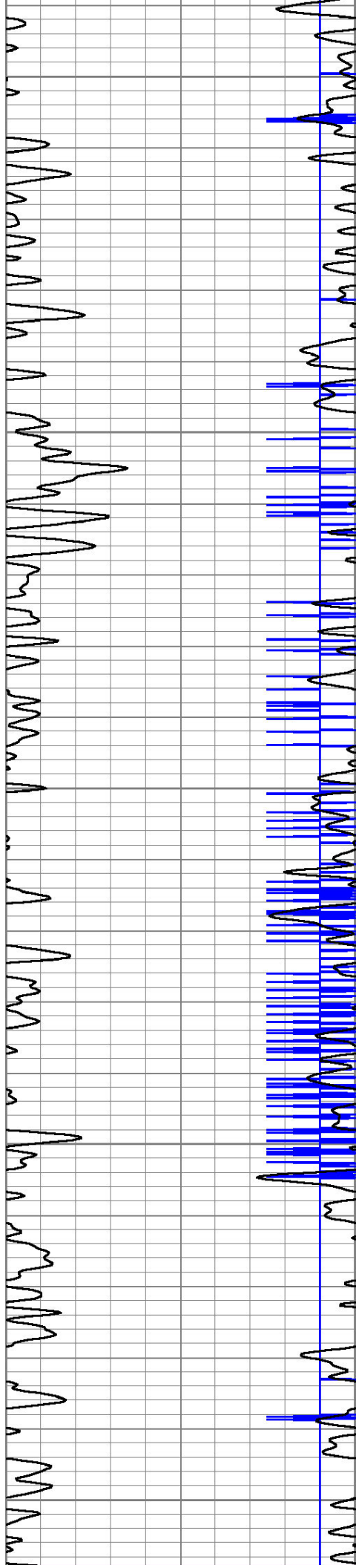
Comments

Charted by: \_\_\_\_\_ Depth in Feet scaled 1:2.15

9	Collar Locator	-1	0	Amplified Amplitude (mV)	30	200	VDL	1200
0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100			







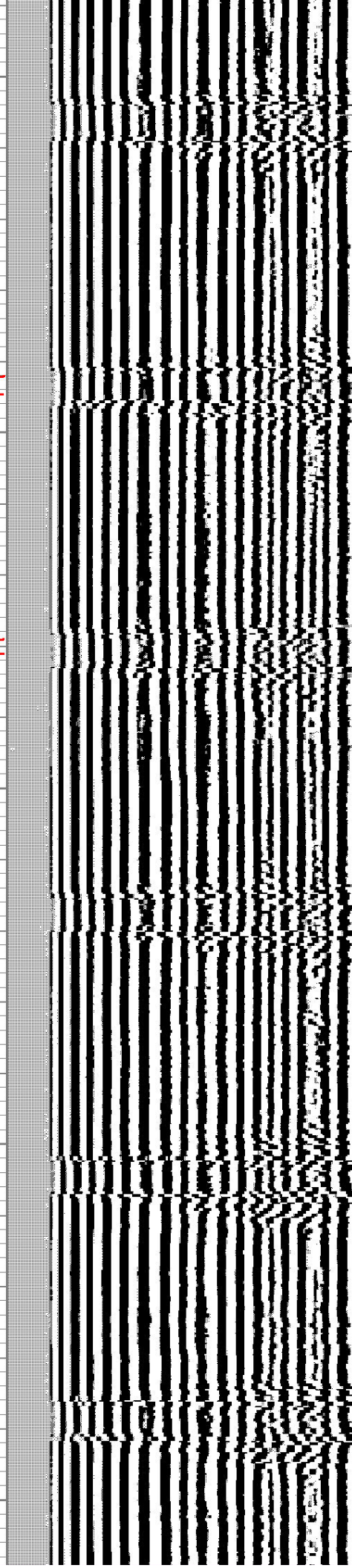
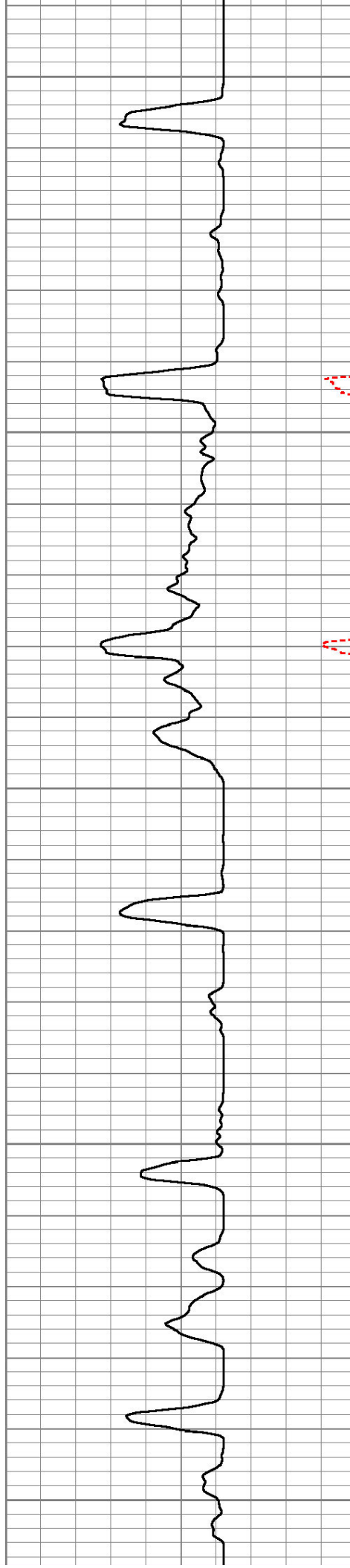
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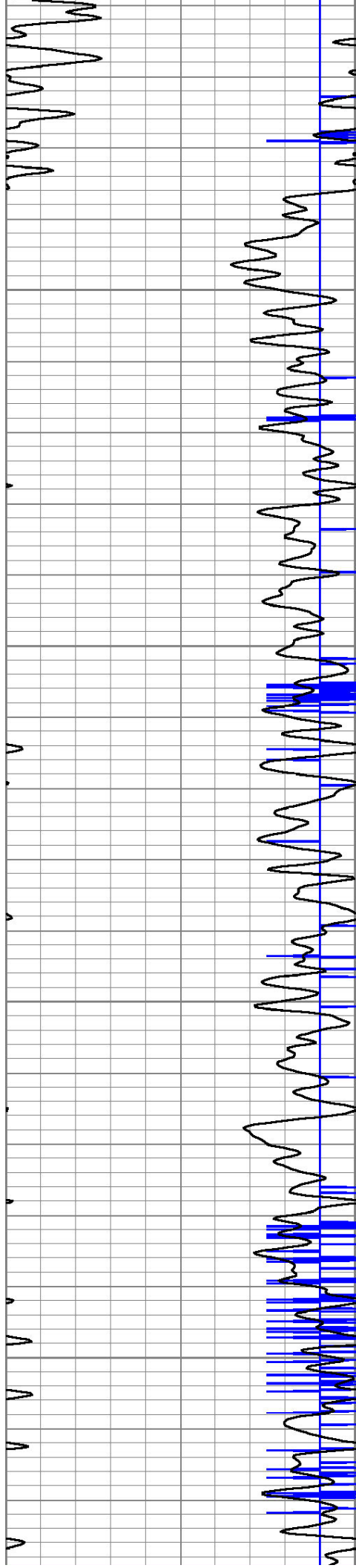
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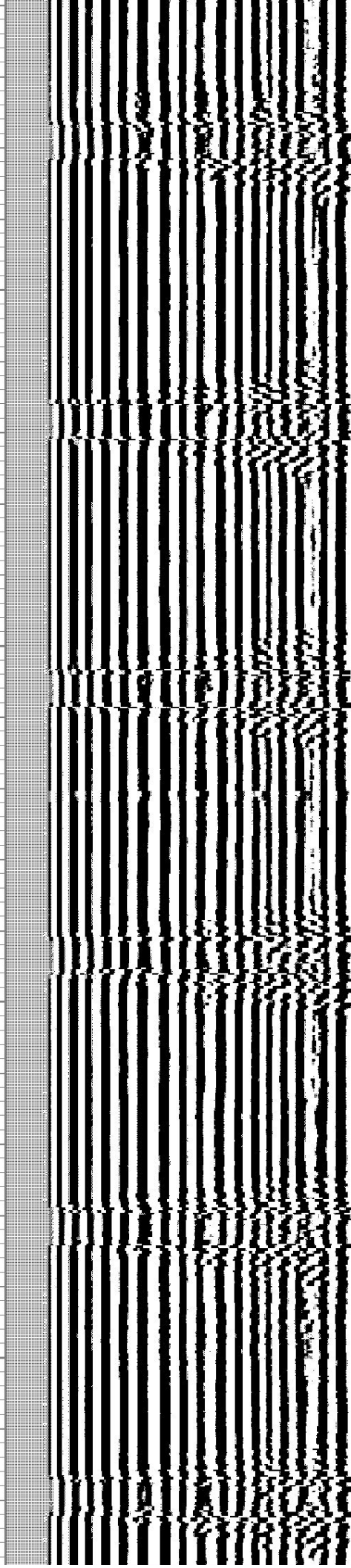
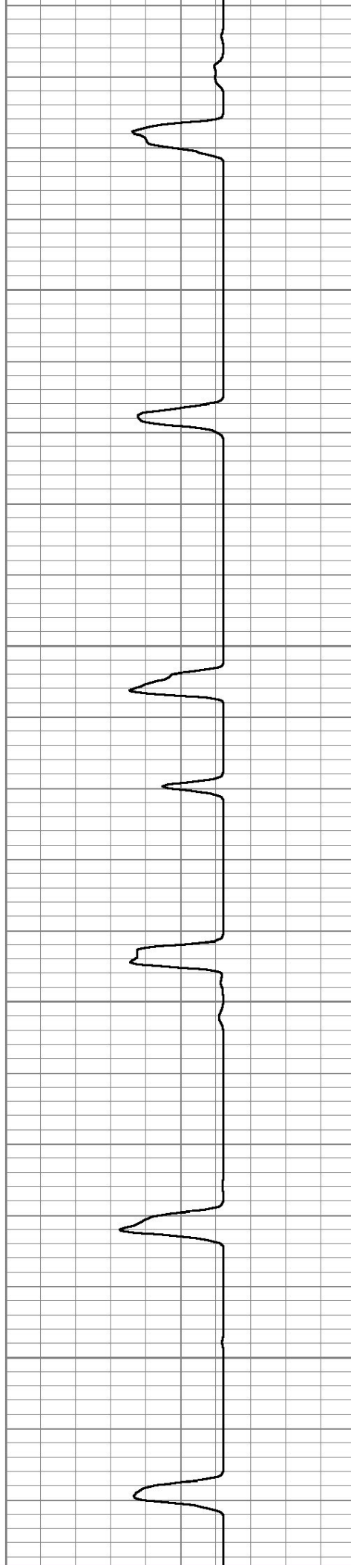


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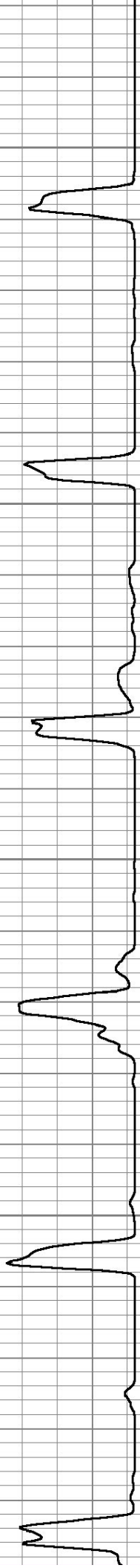


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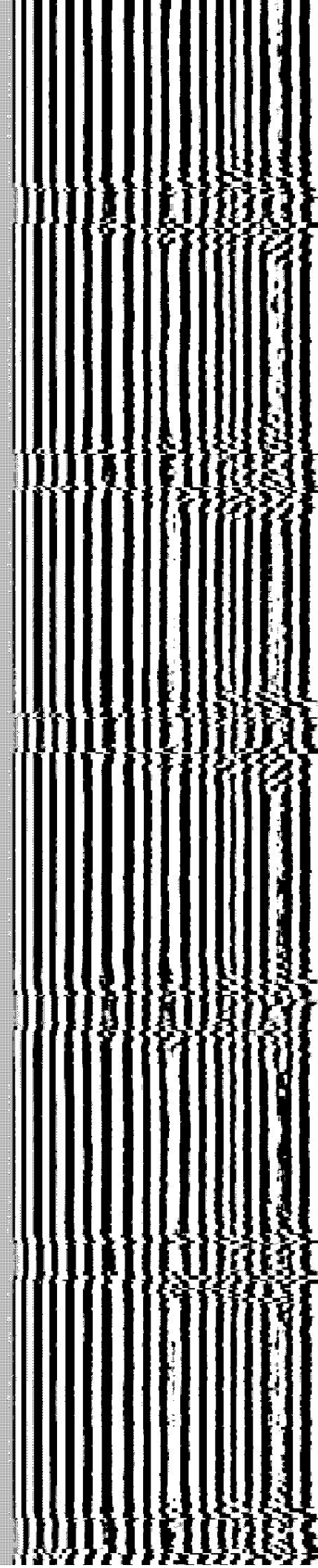
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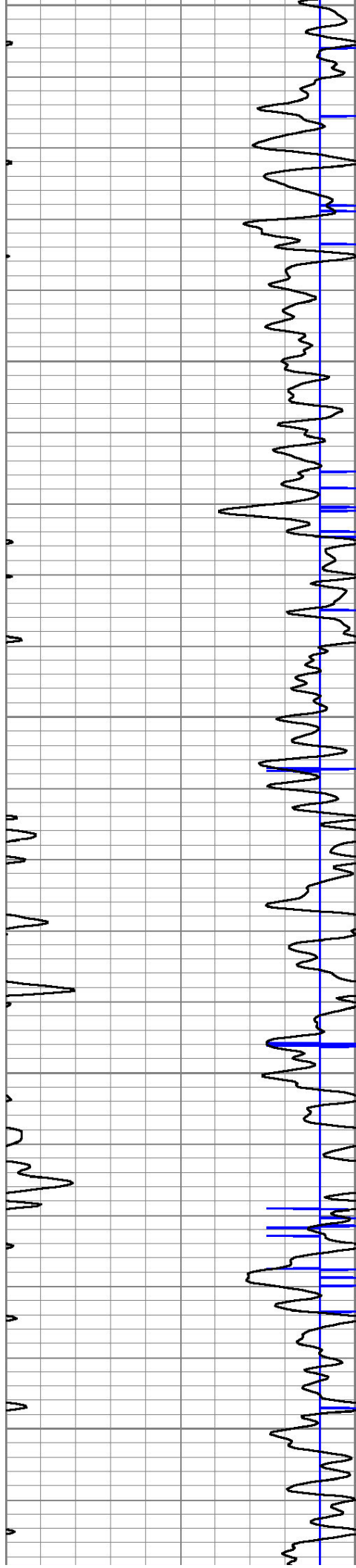


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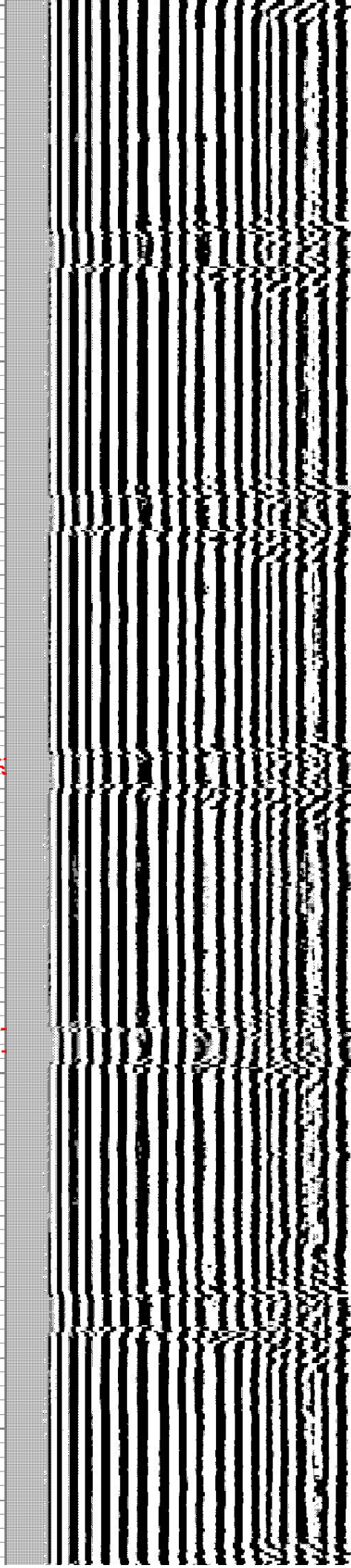
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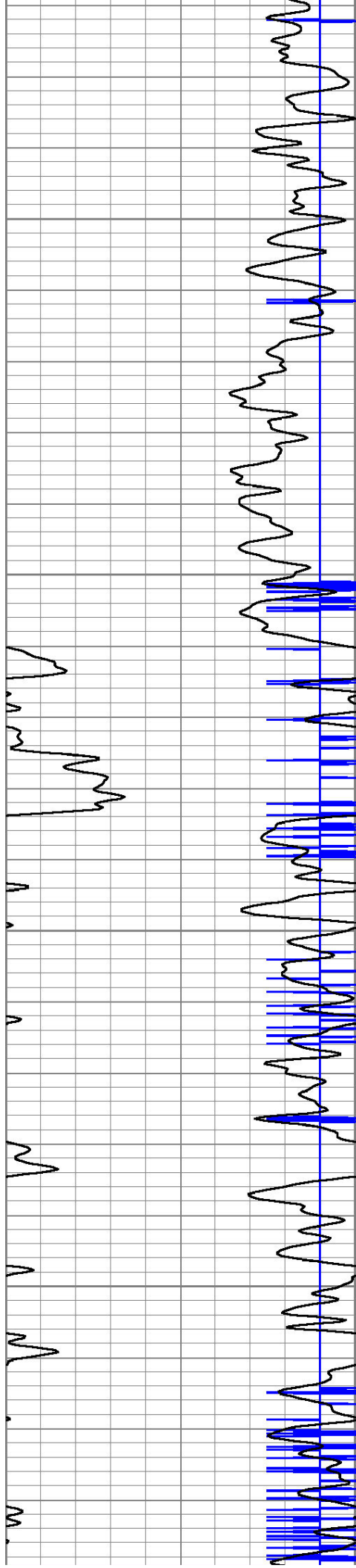
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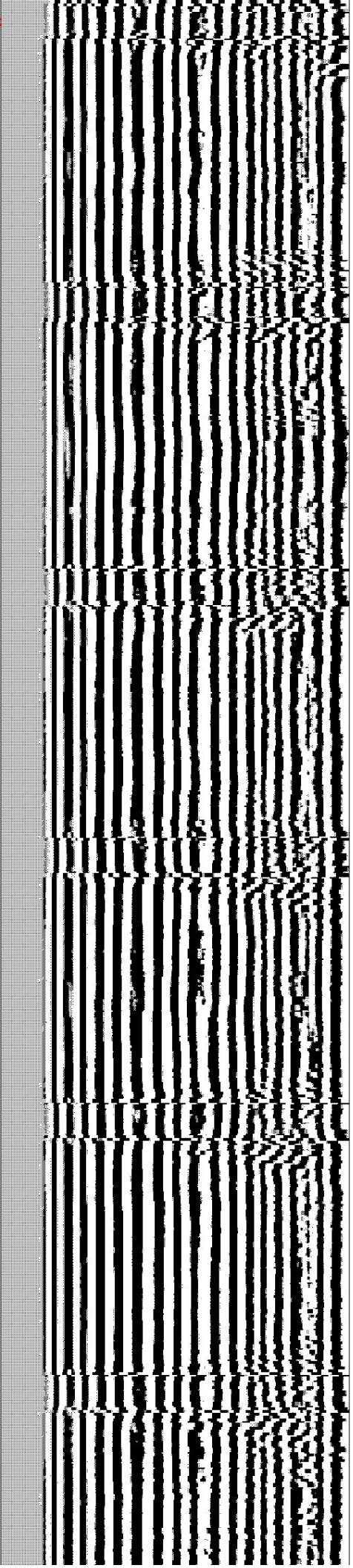
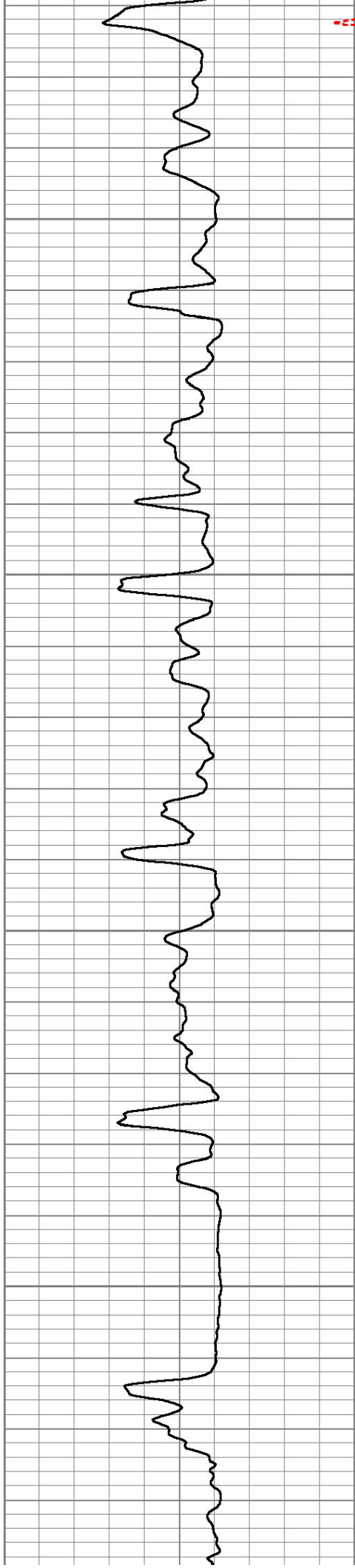


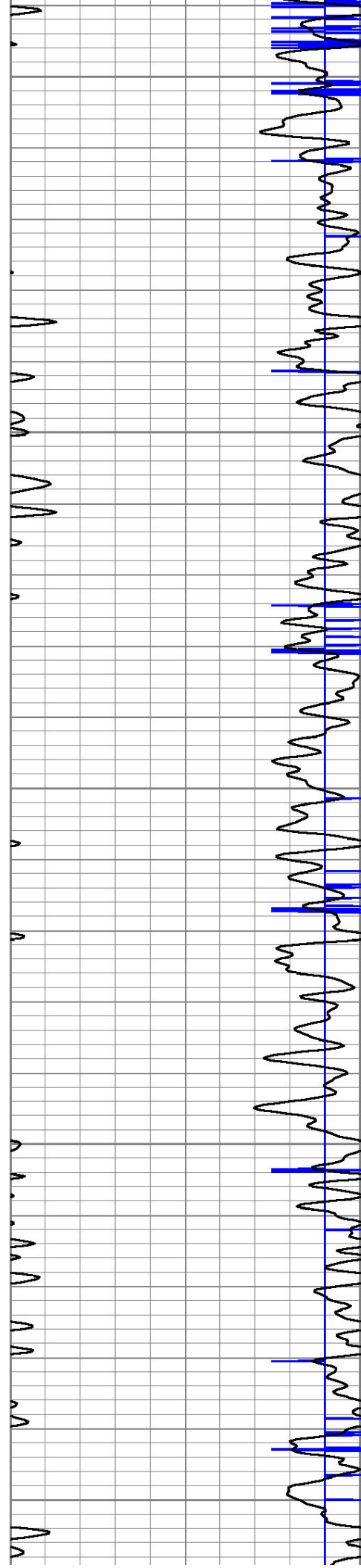
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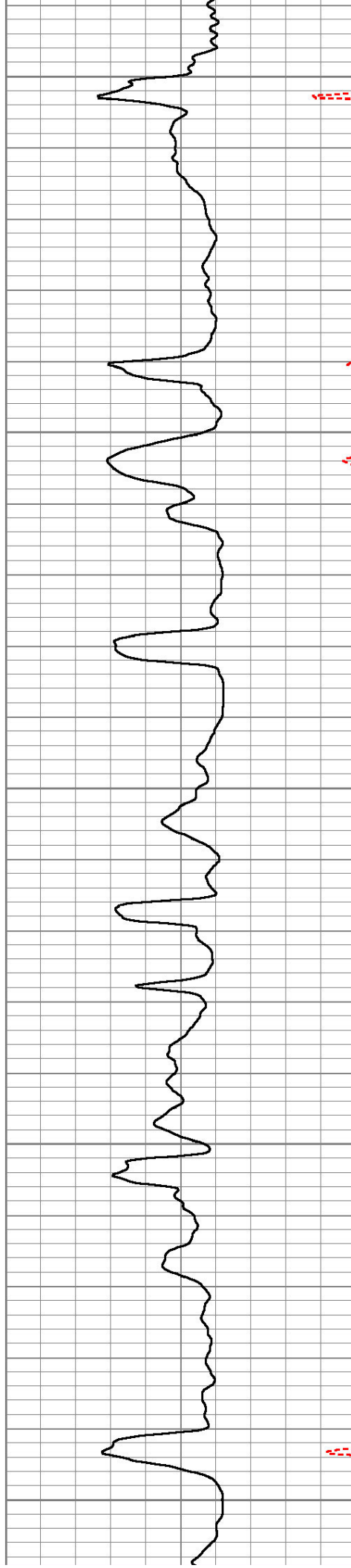
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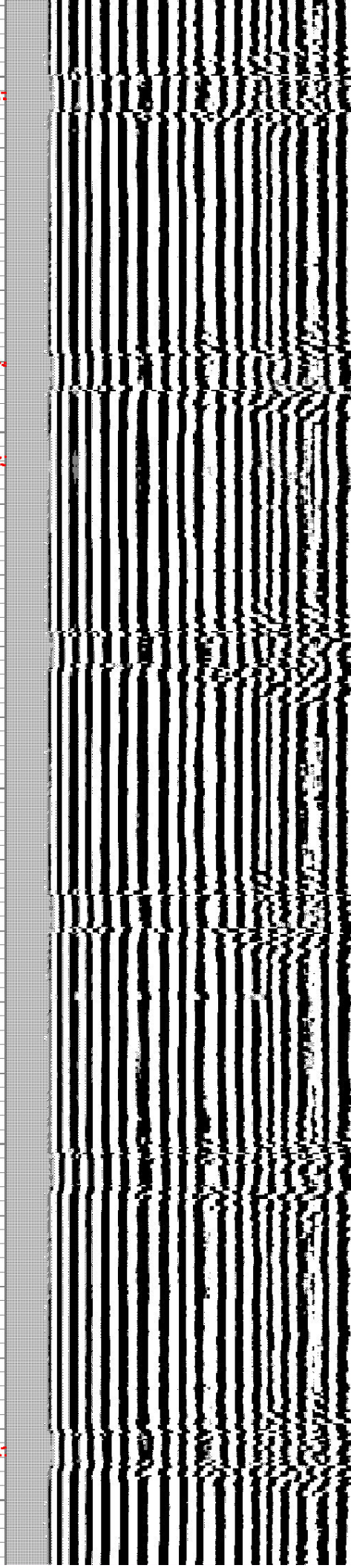
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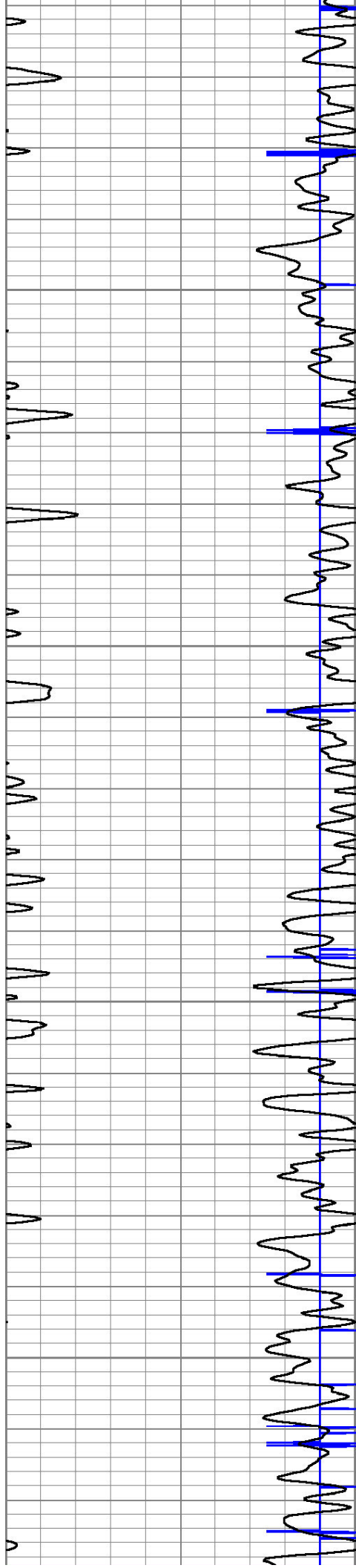
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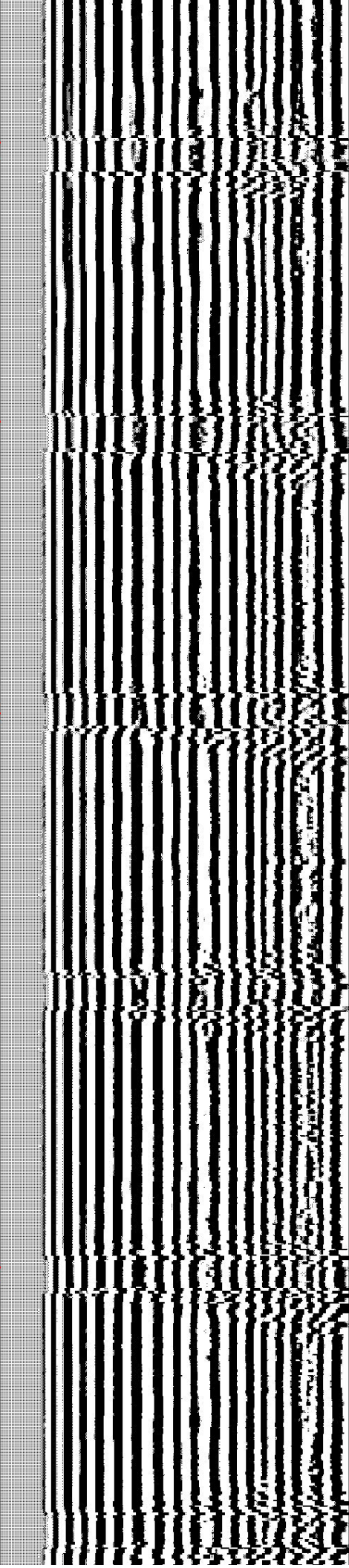
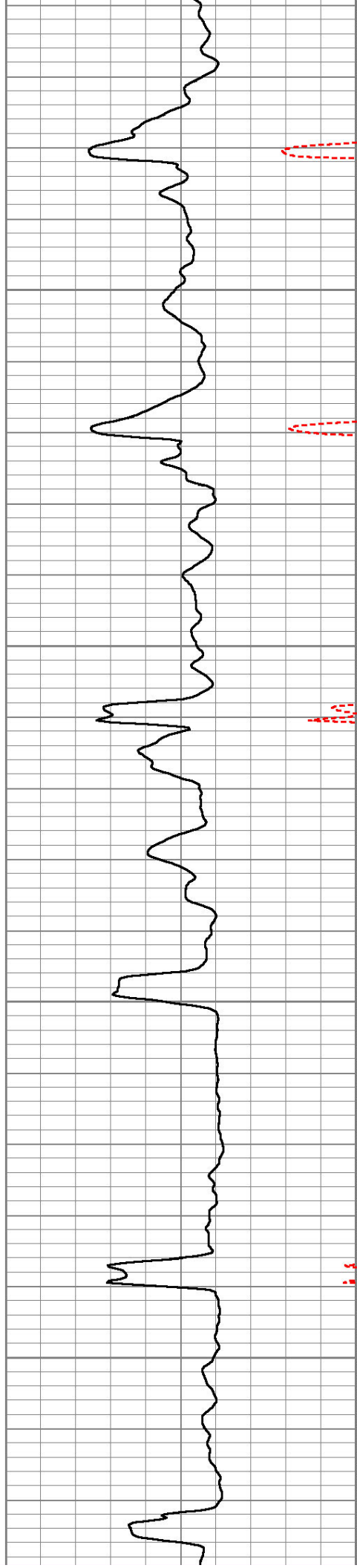


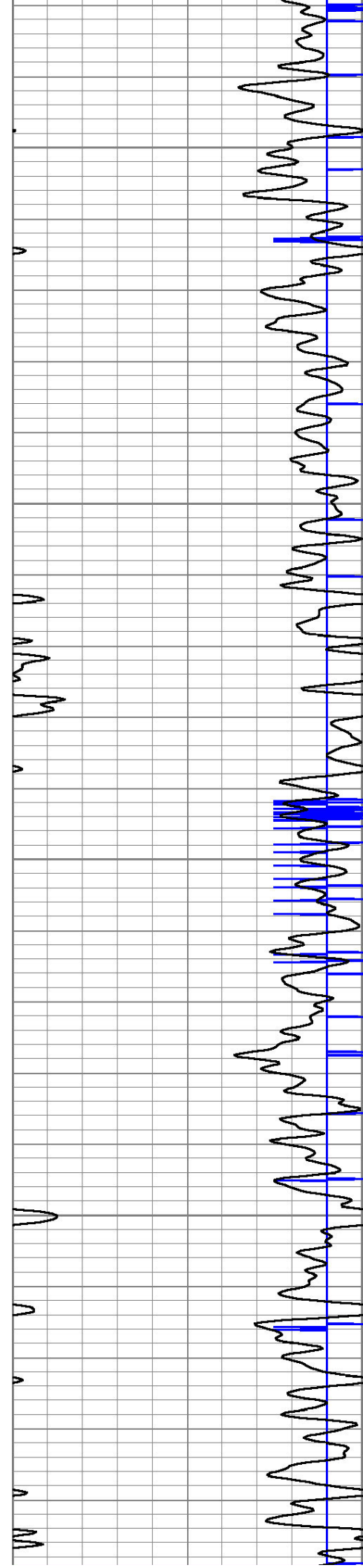
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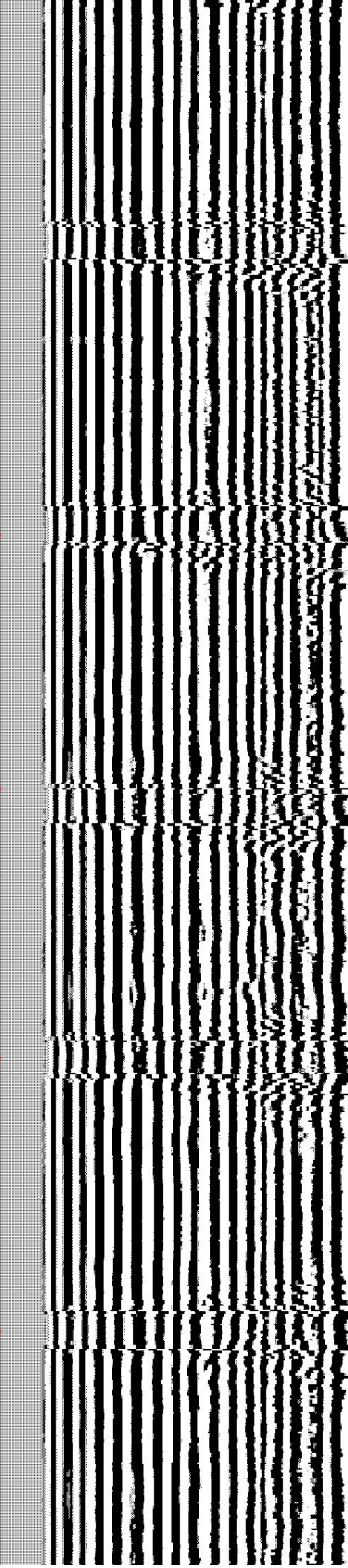
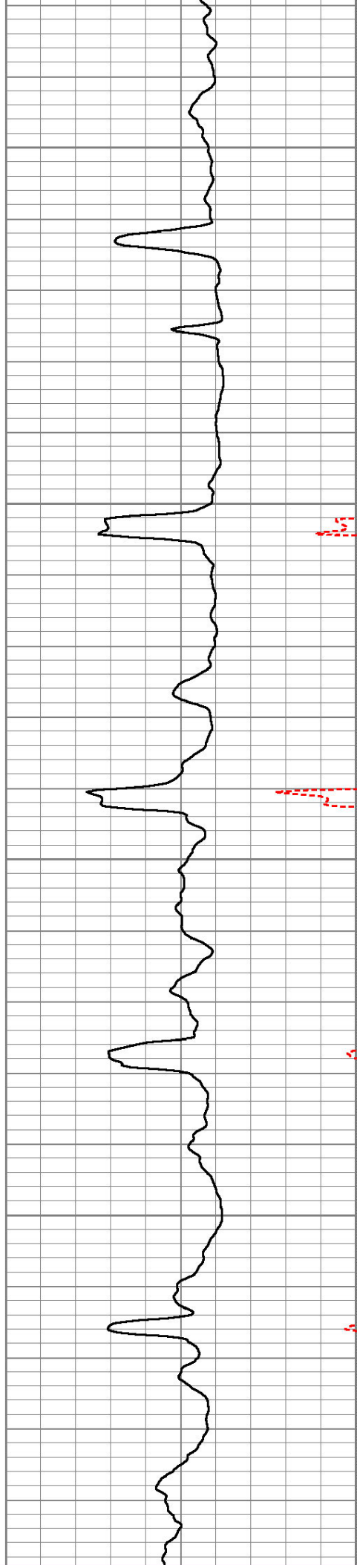


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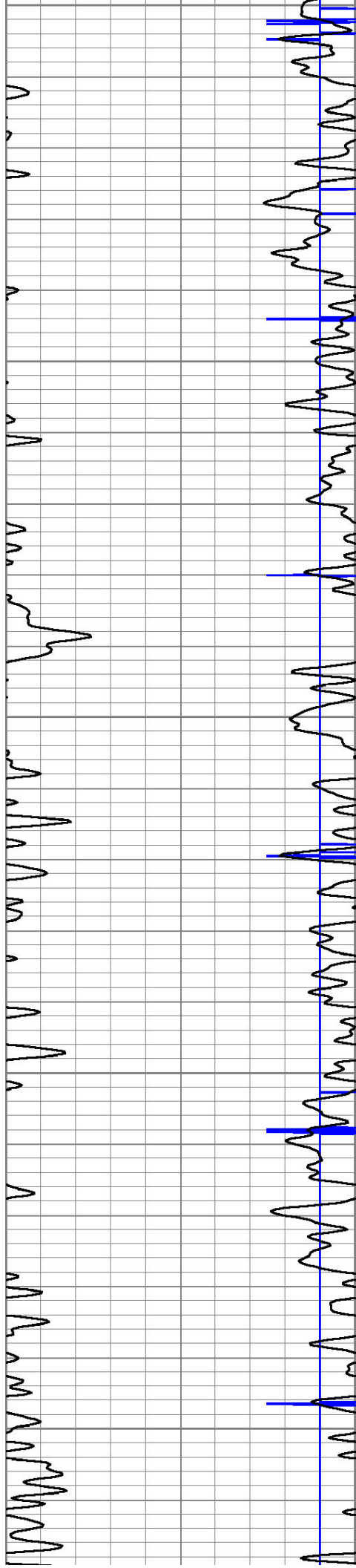
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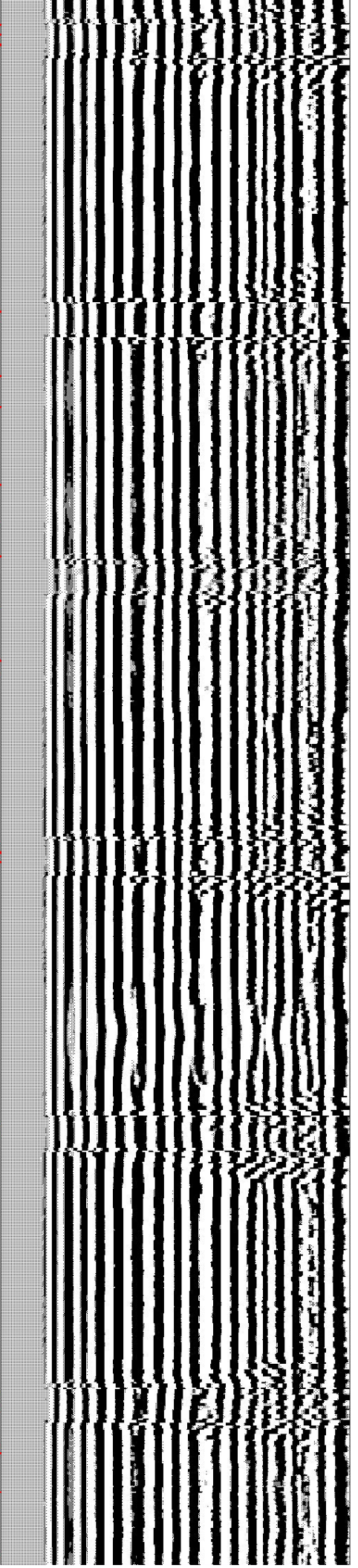
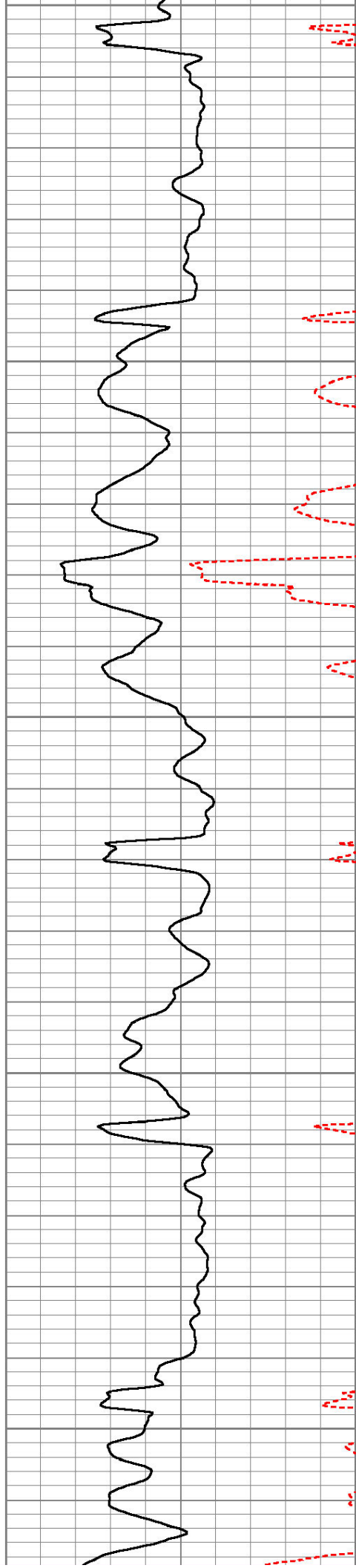
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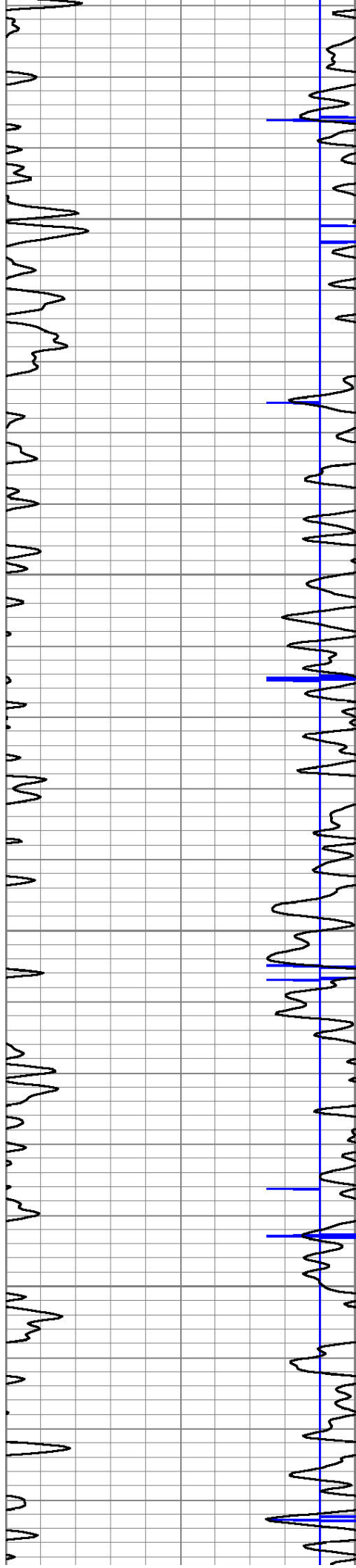
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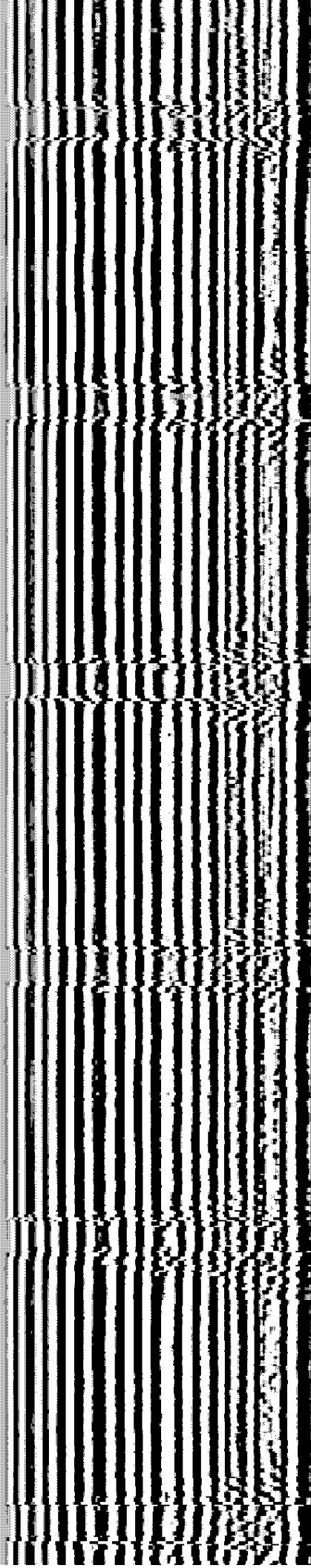
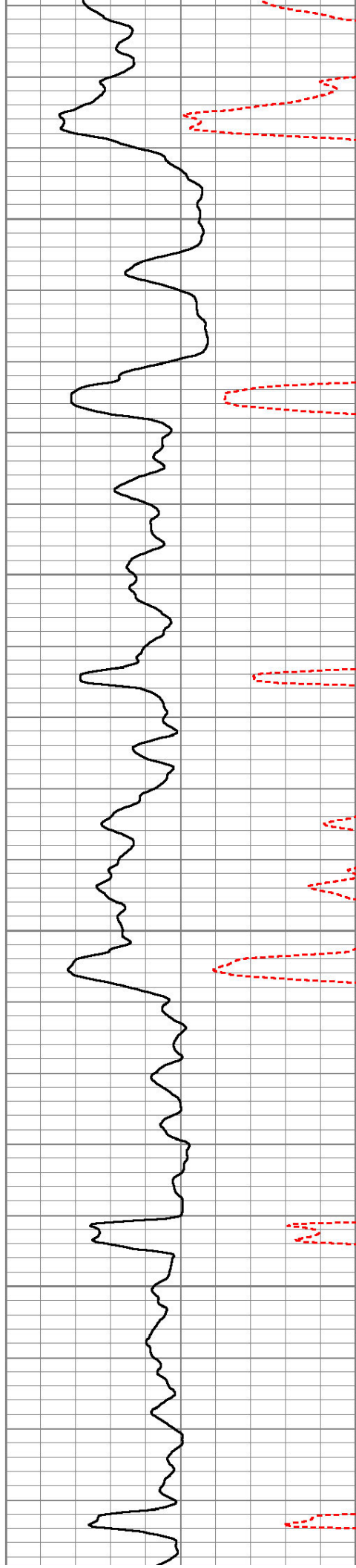


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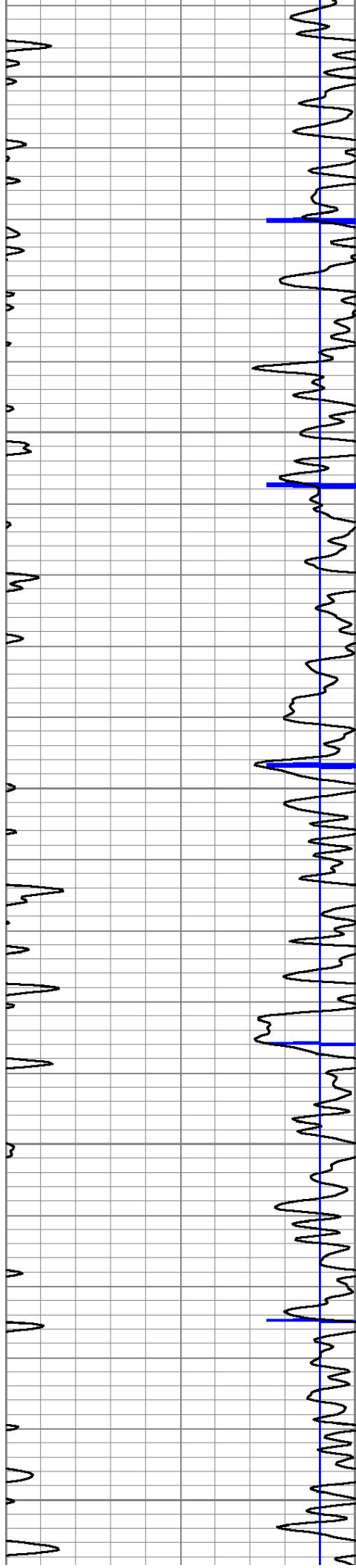
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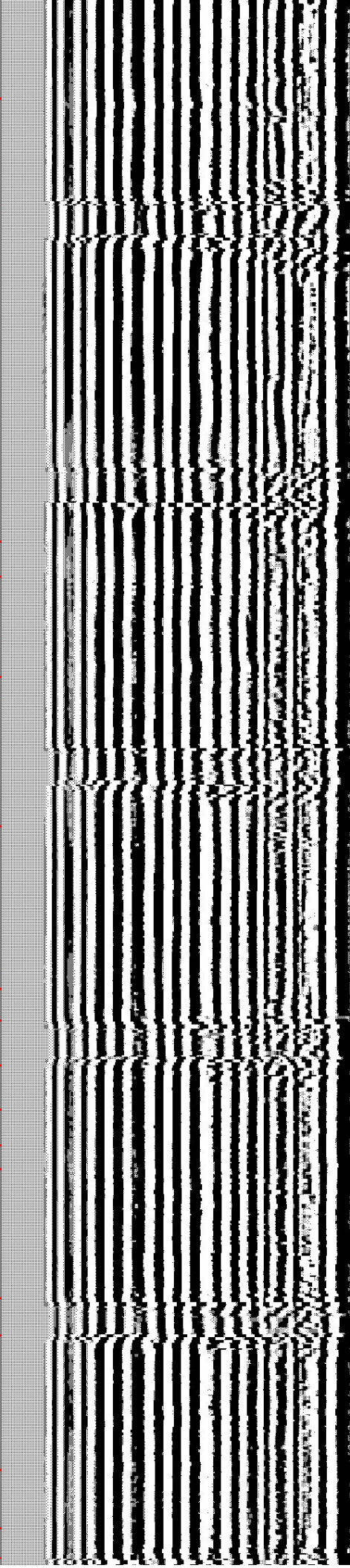
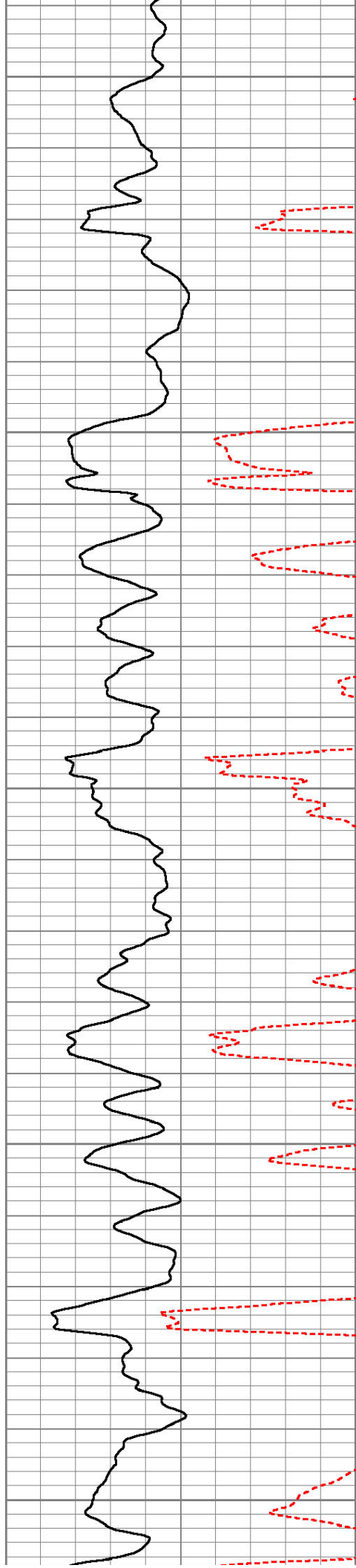
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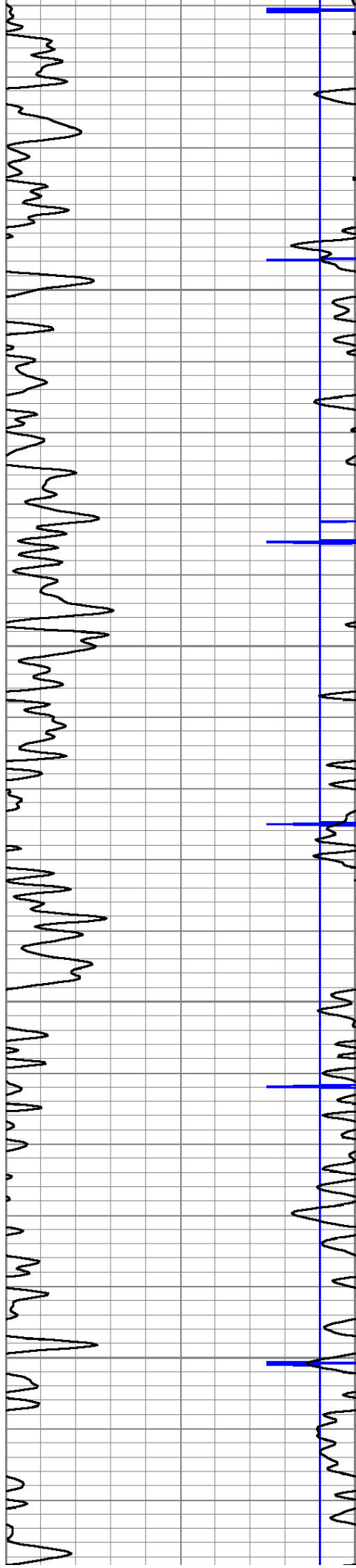
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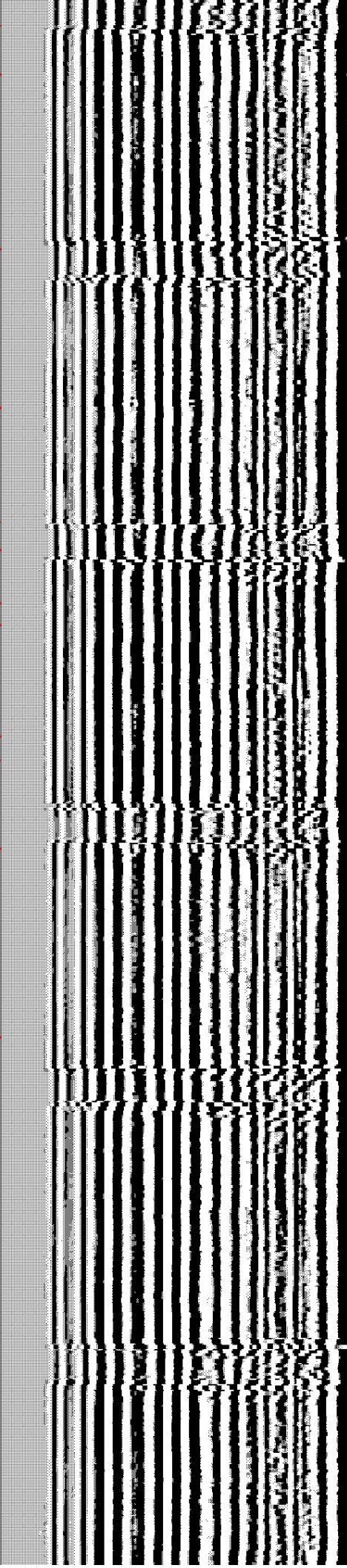
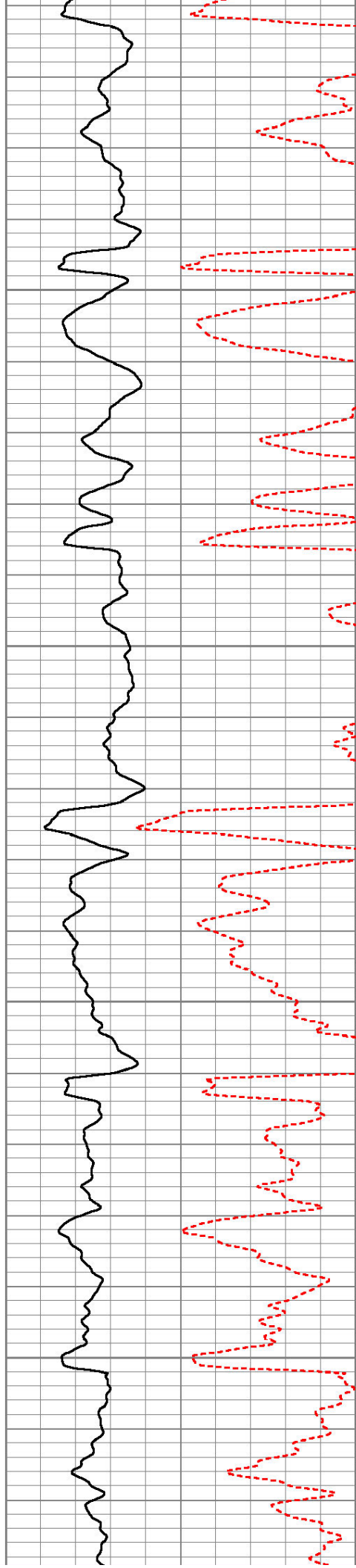


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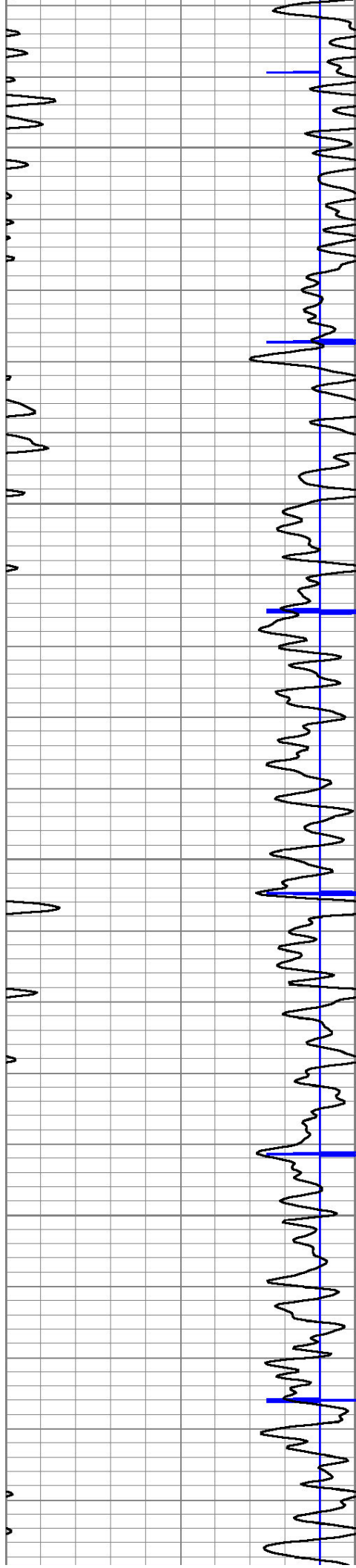
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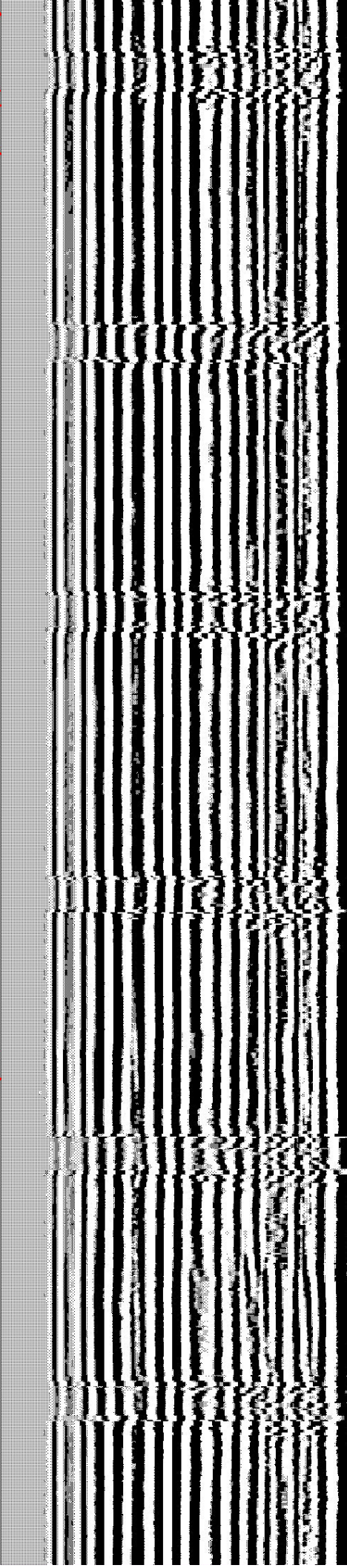
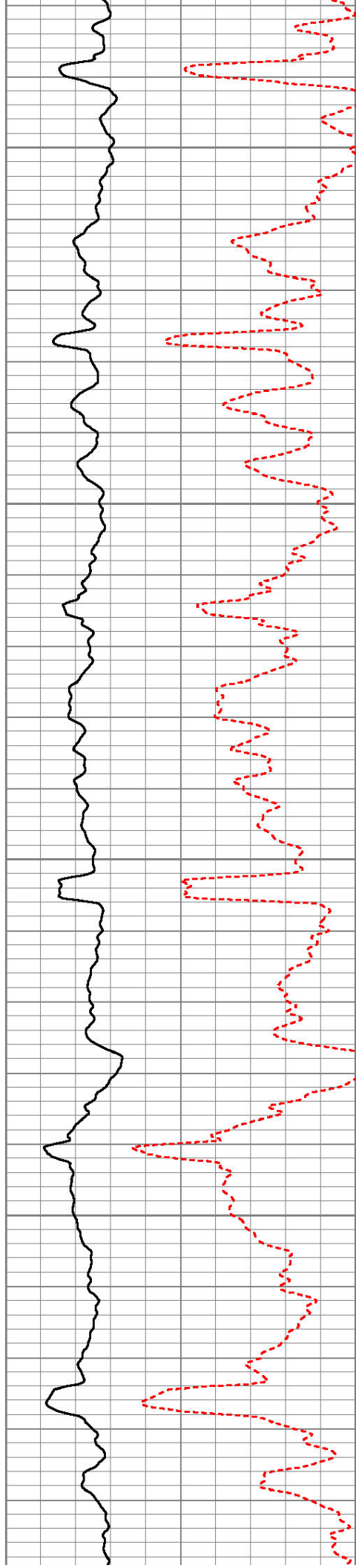


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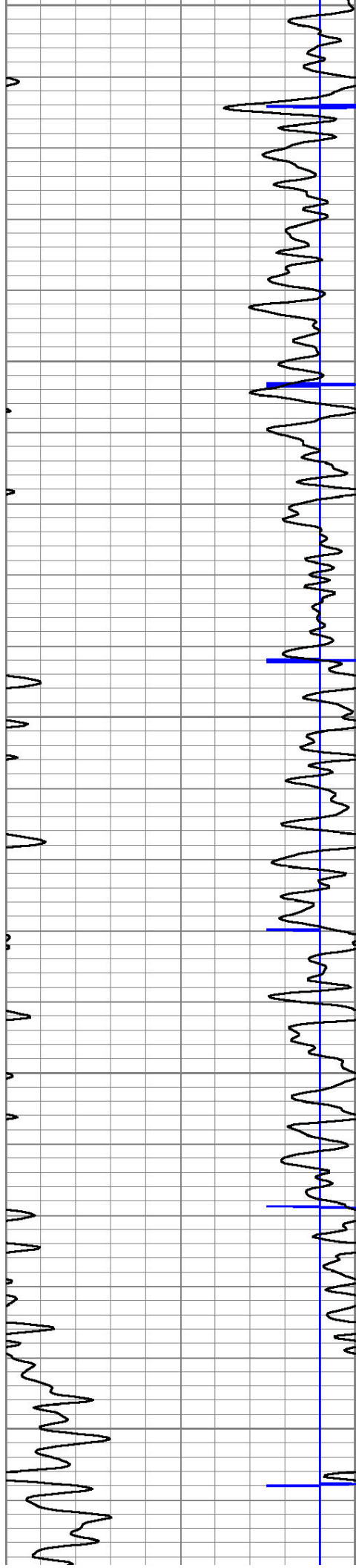
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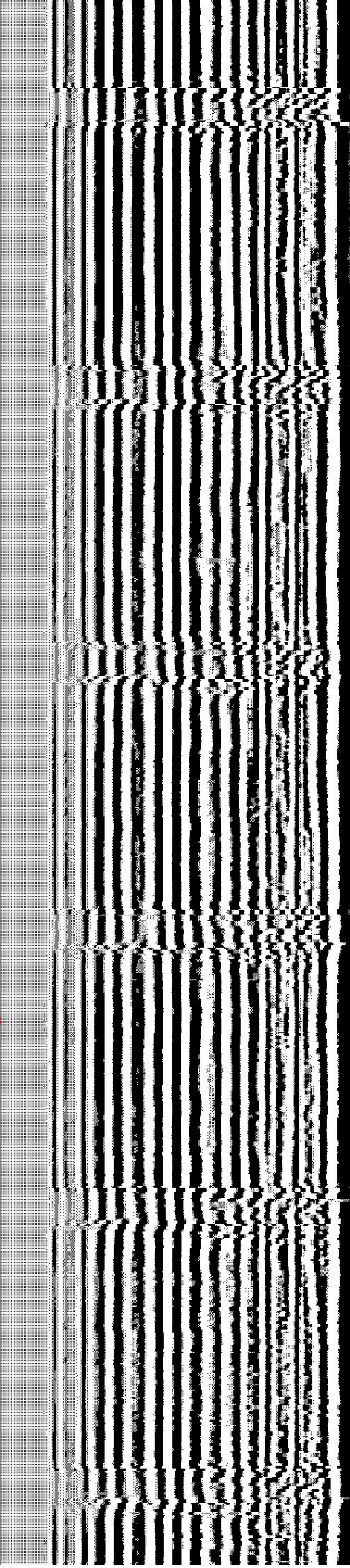
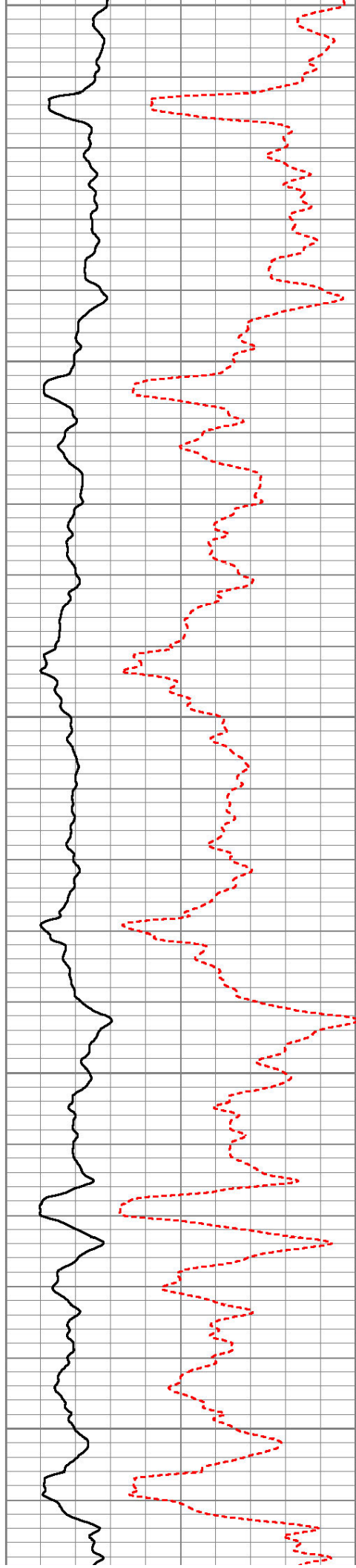
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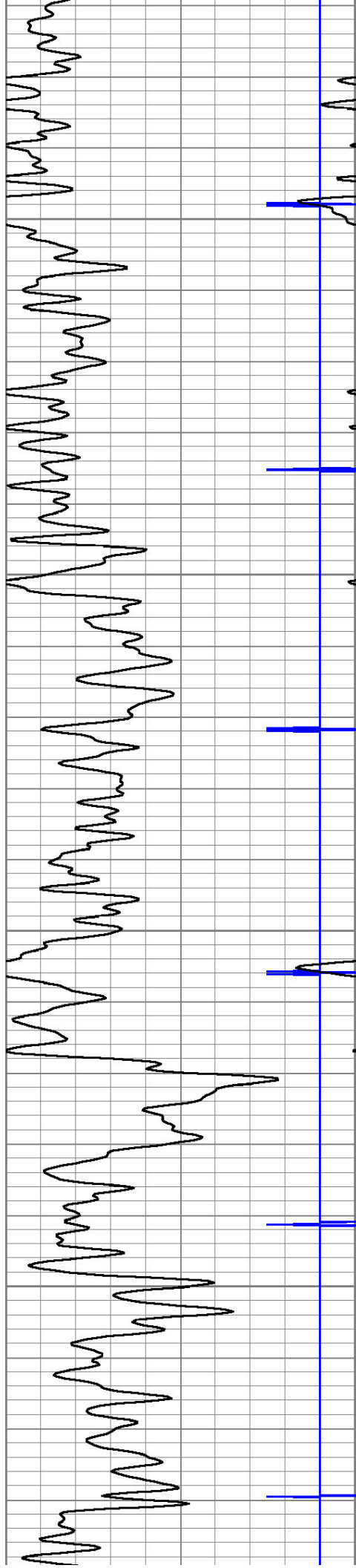
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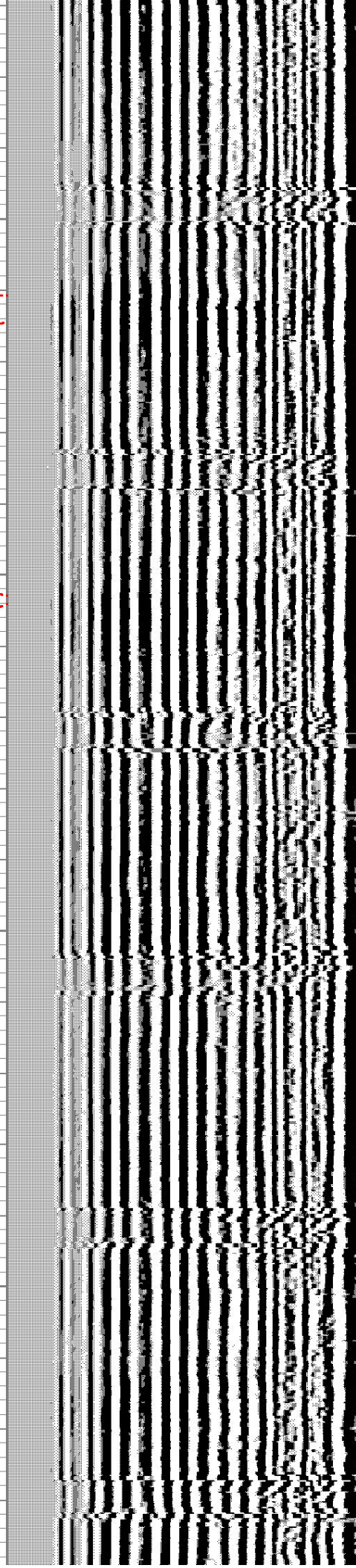
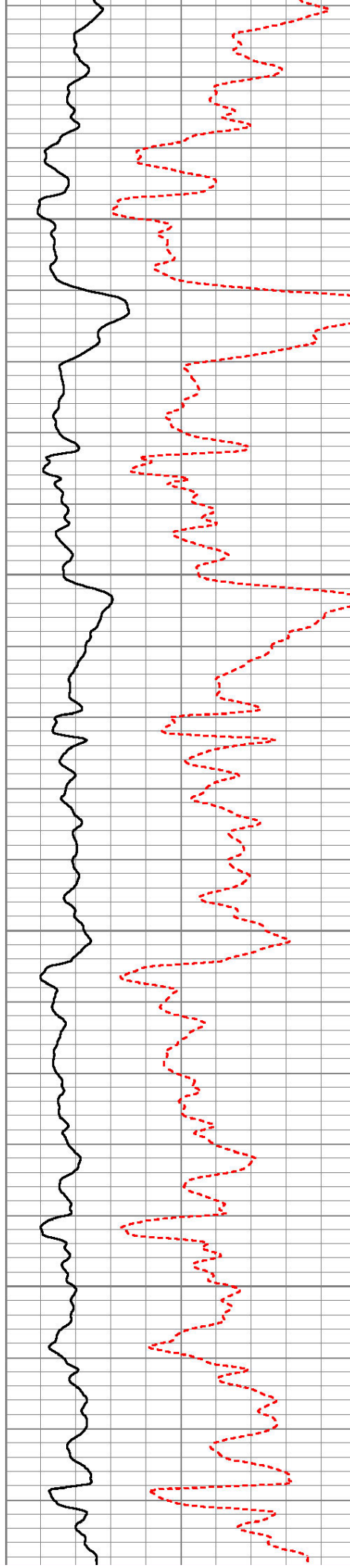


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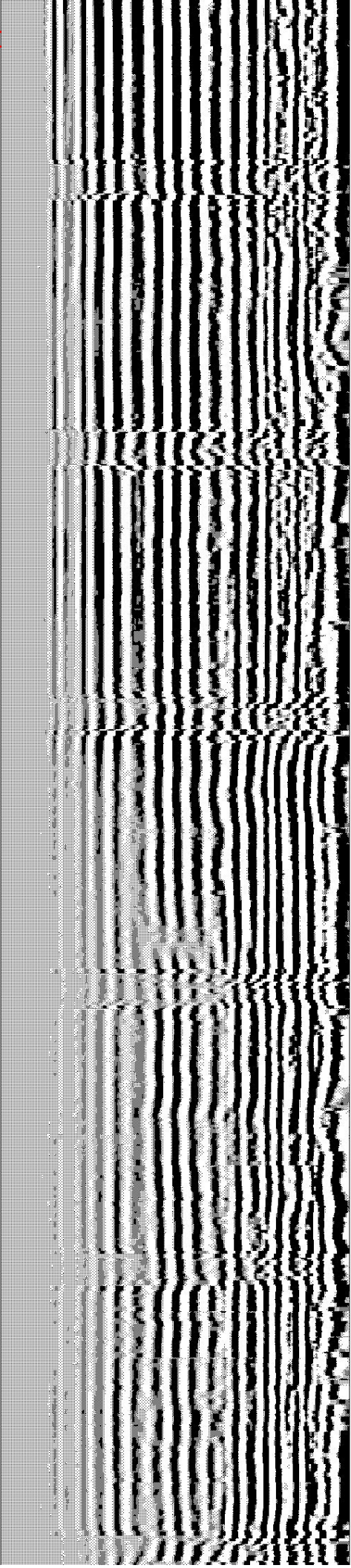
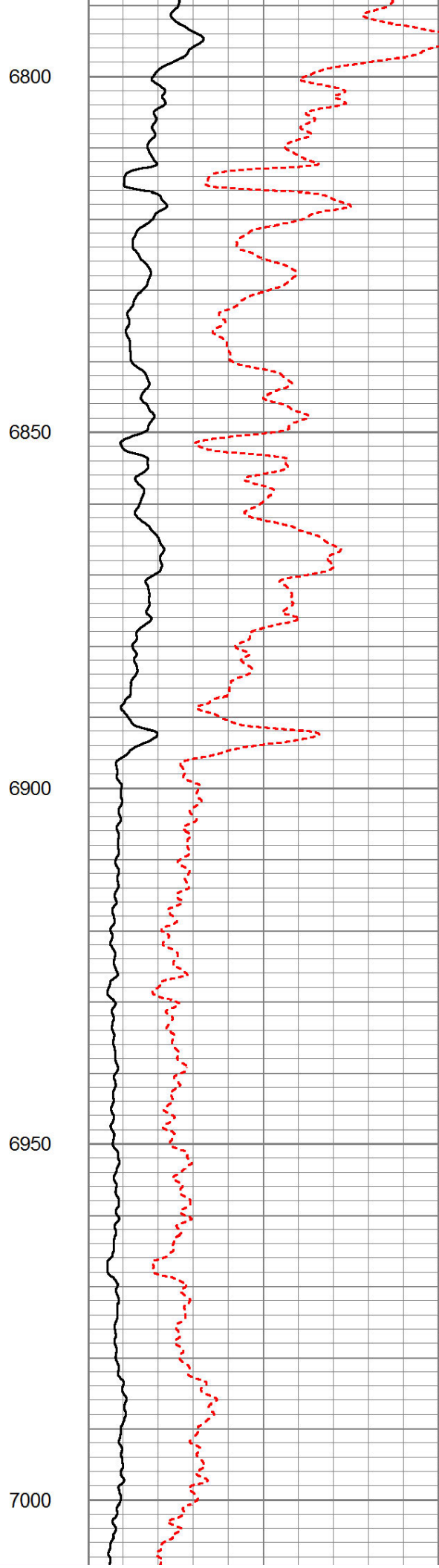
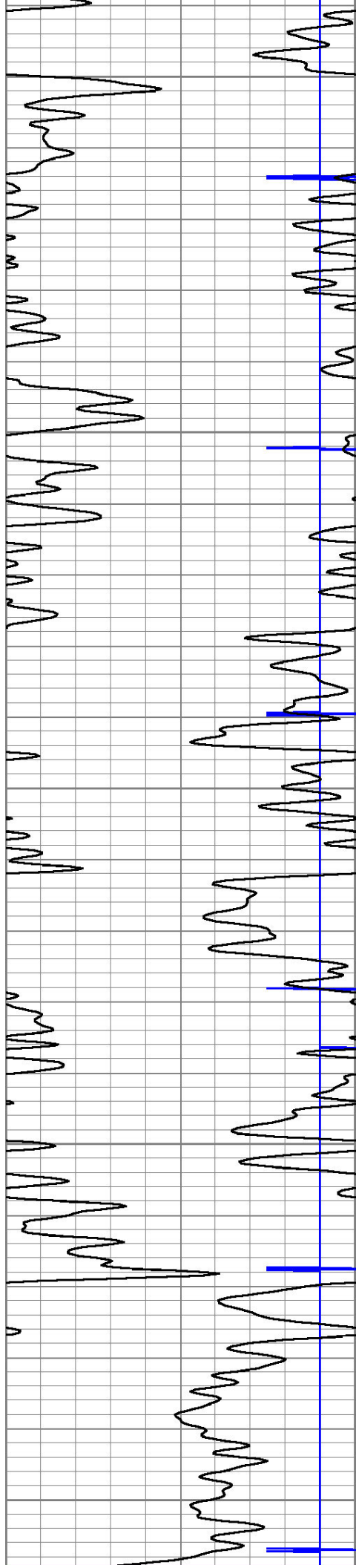
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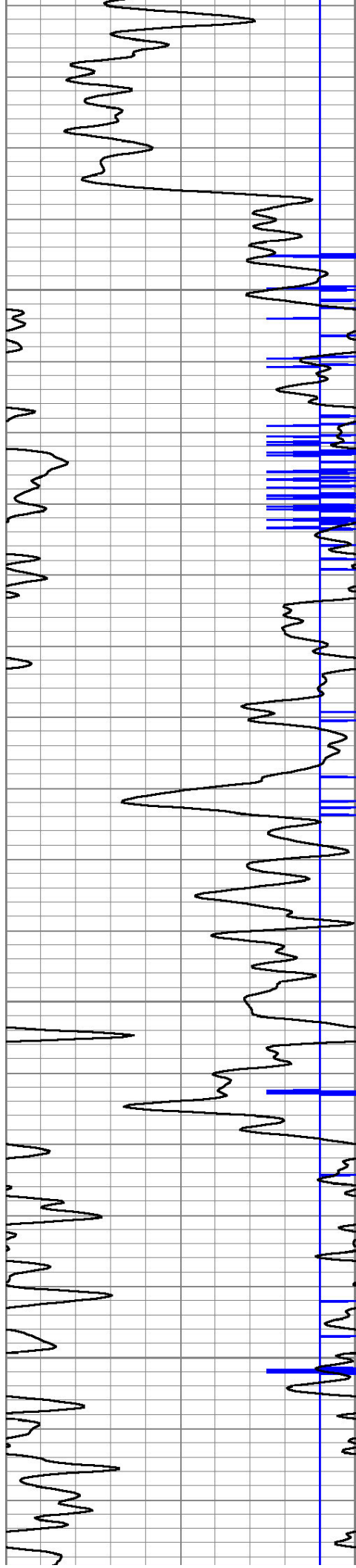
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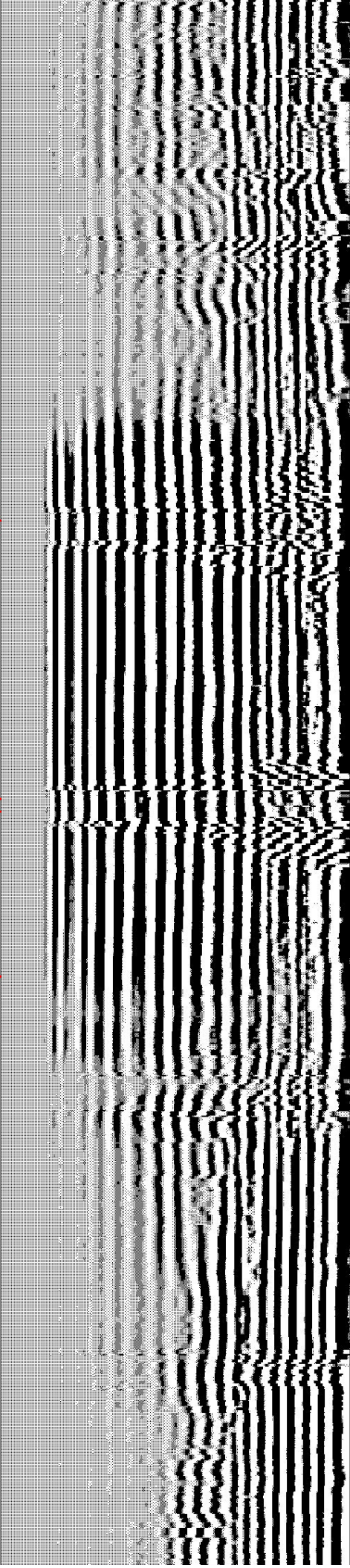
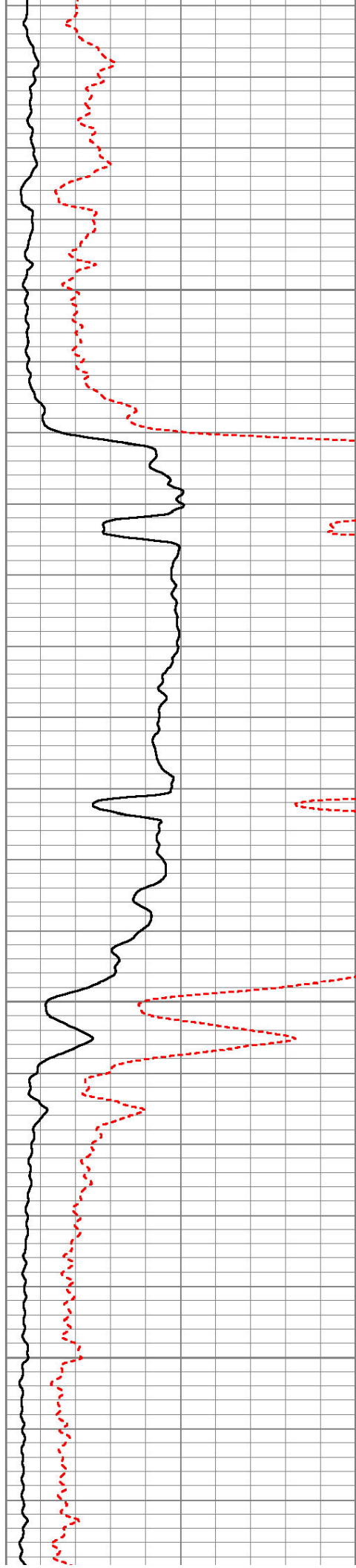


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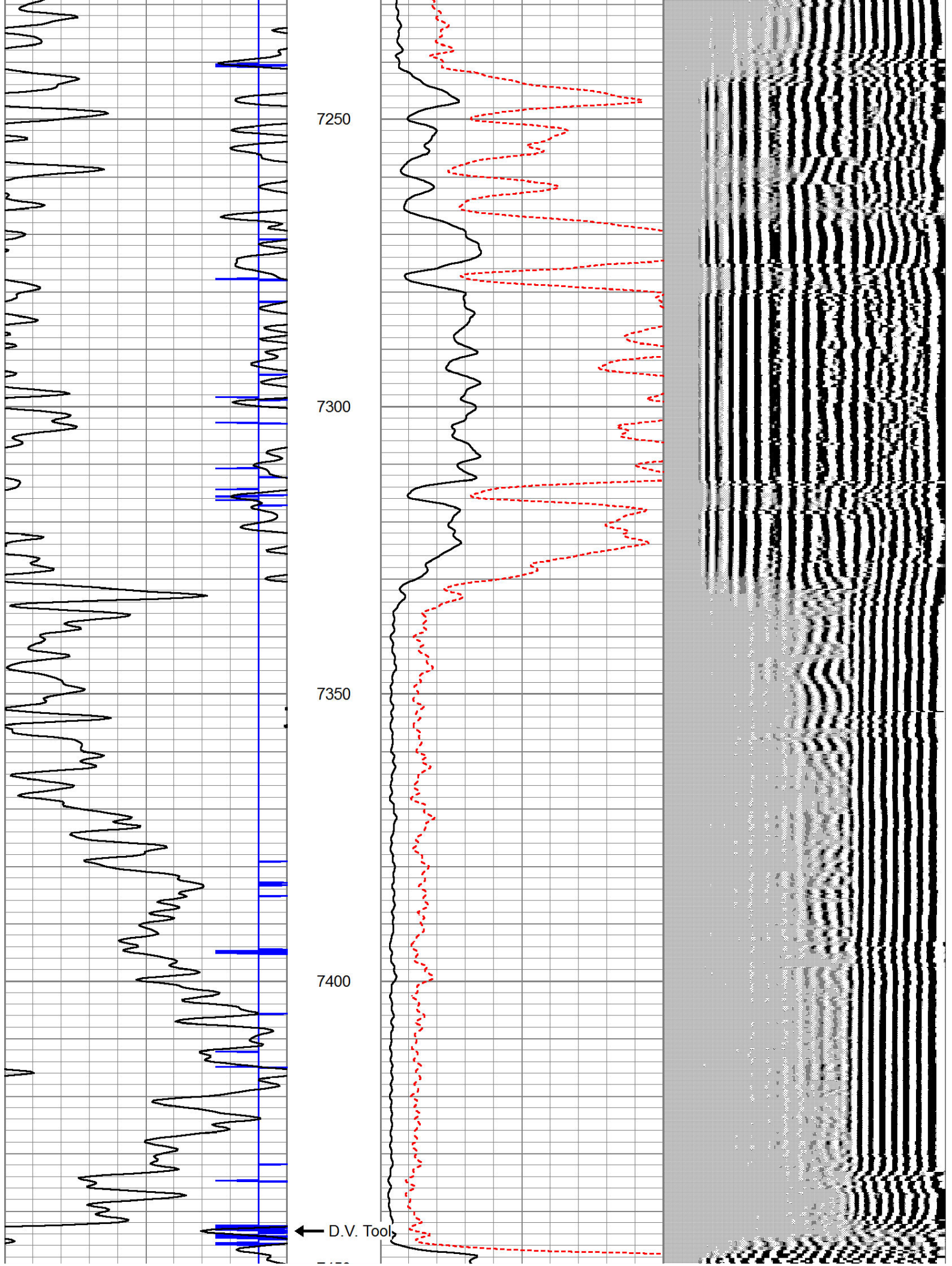
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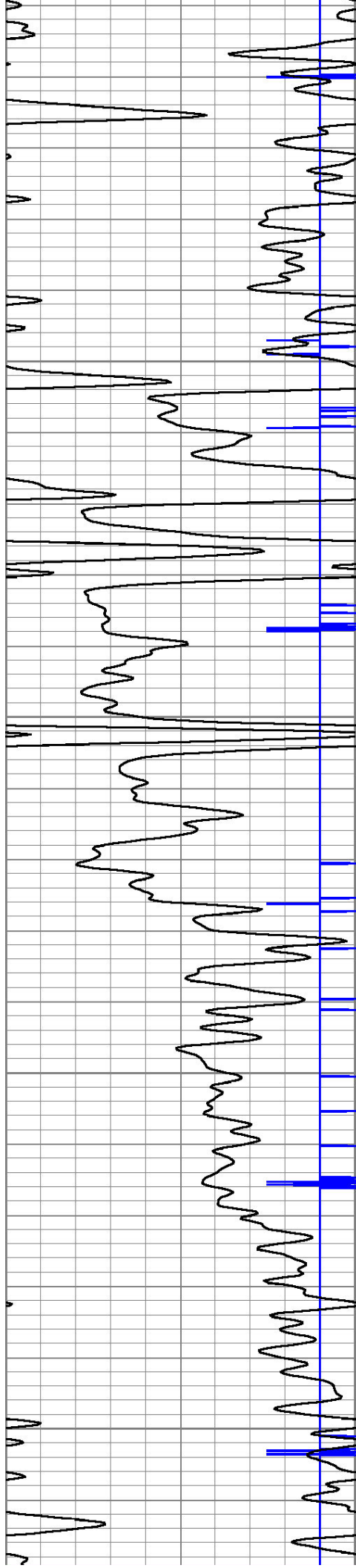
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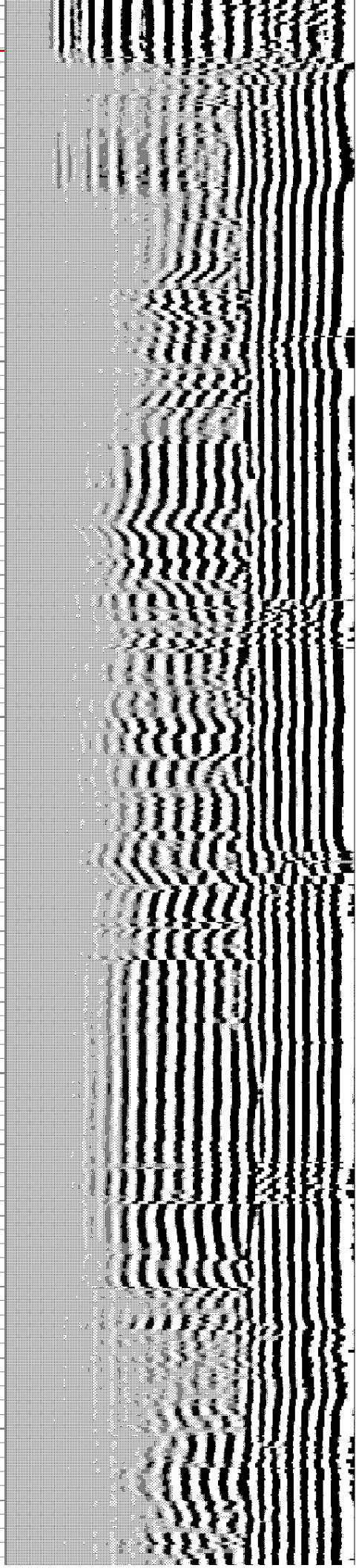
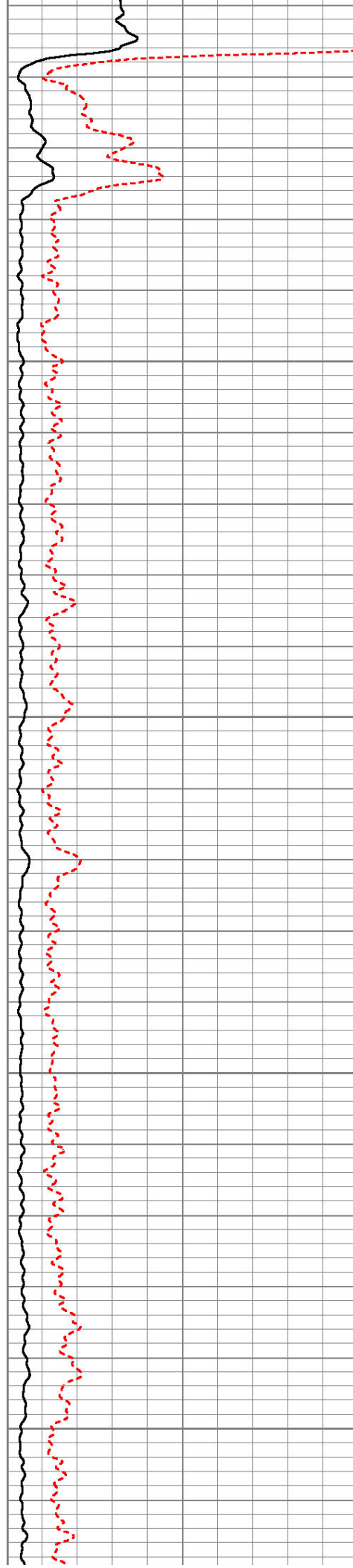




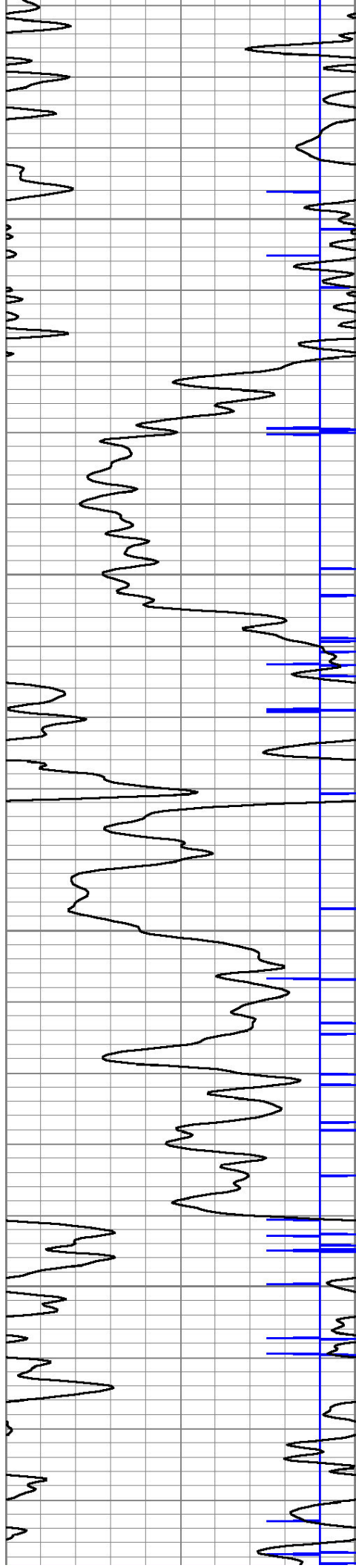




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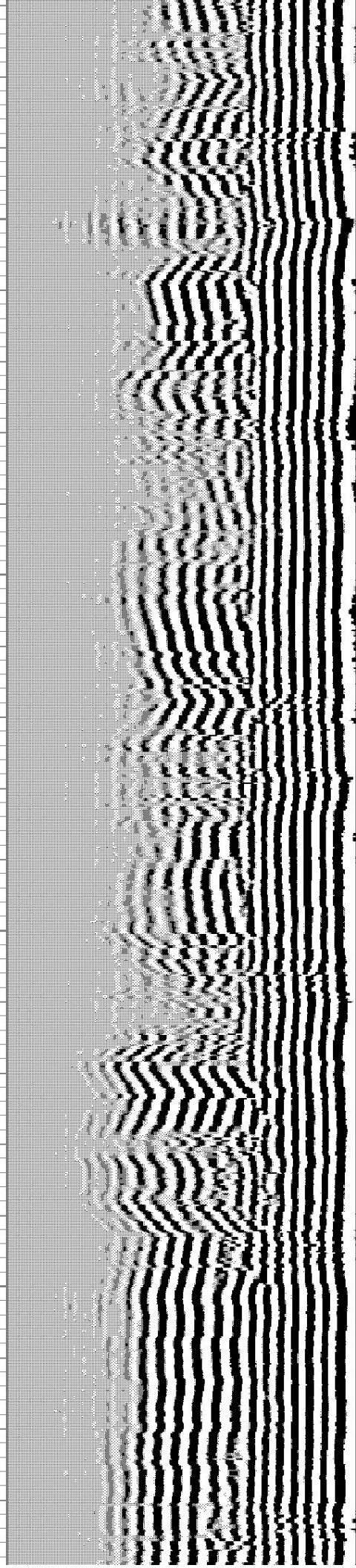
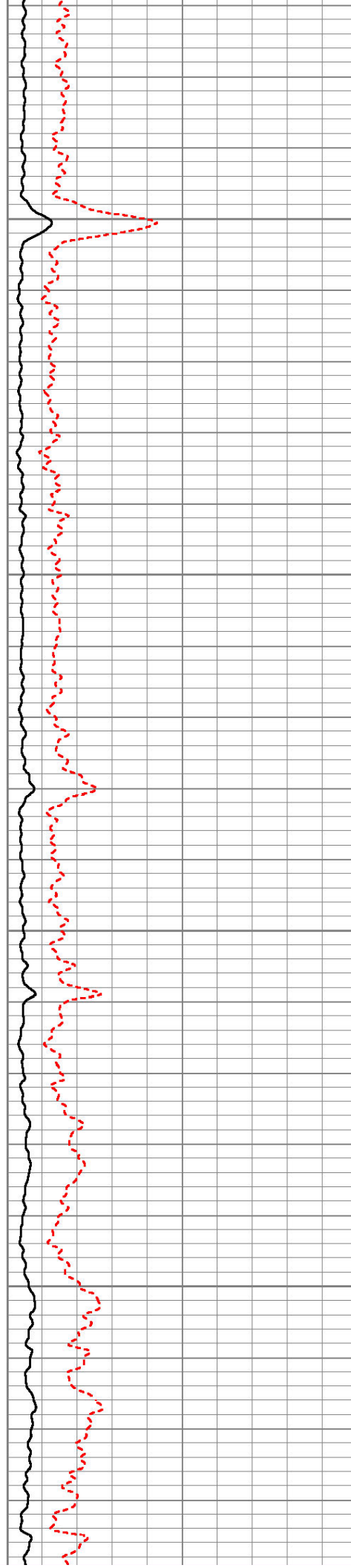


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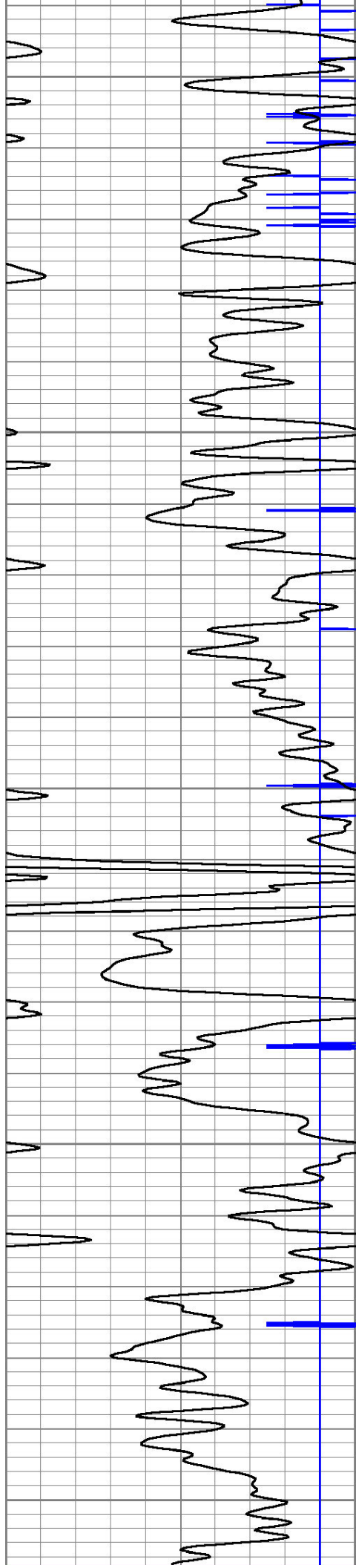
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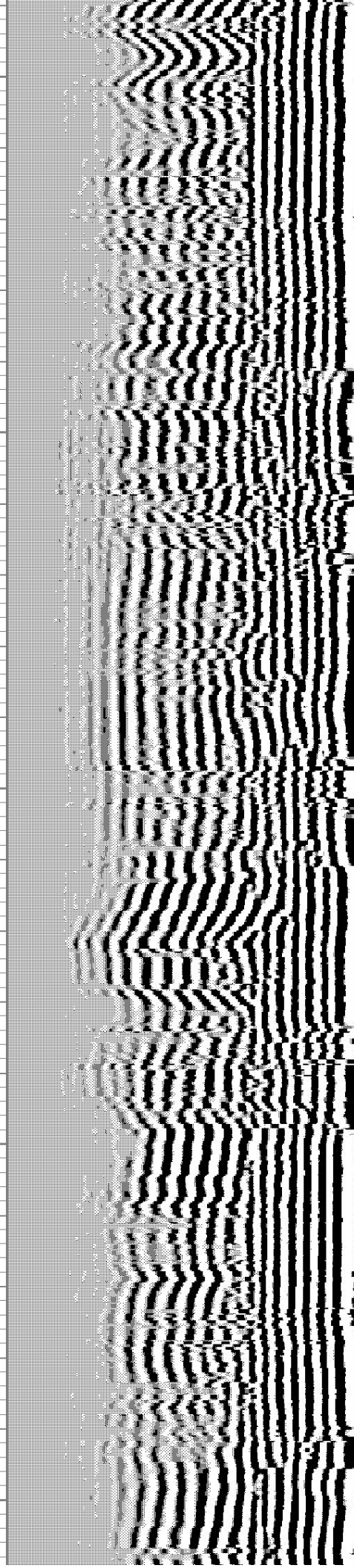
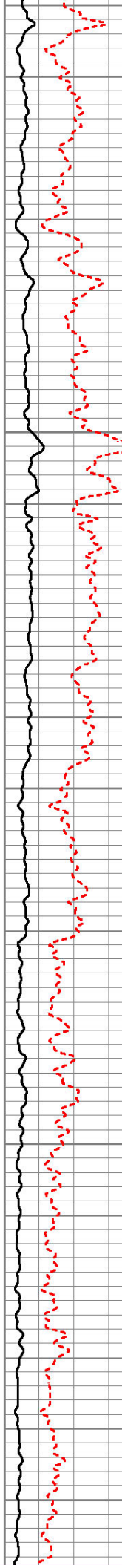
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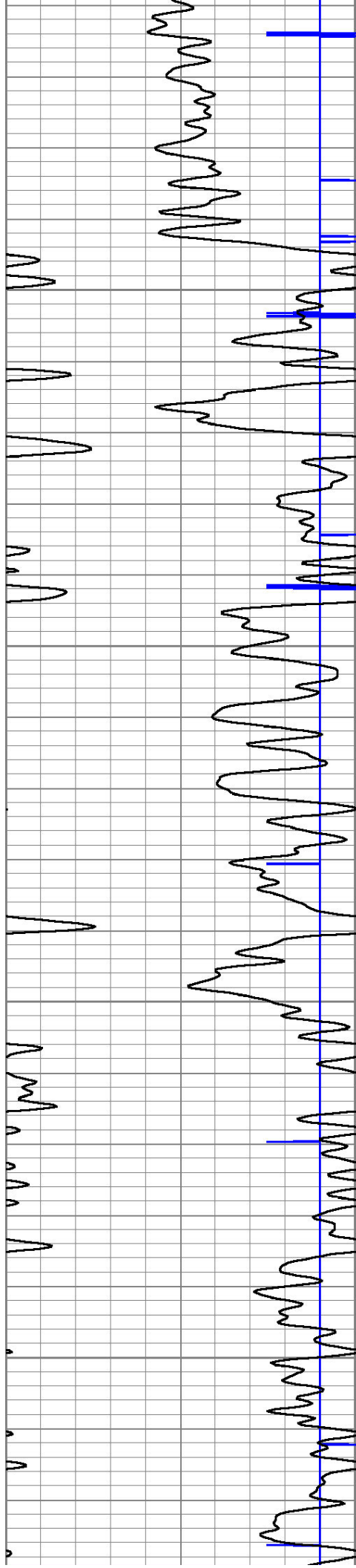
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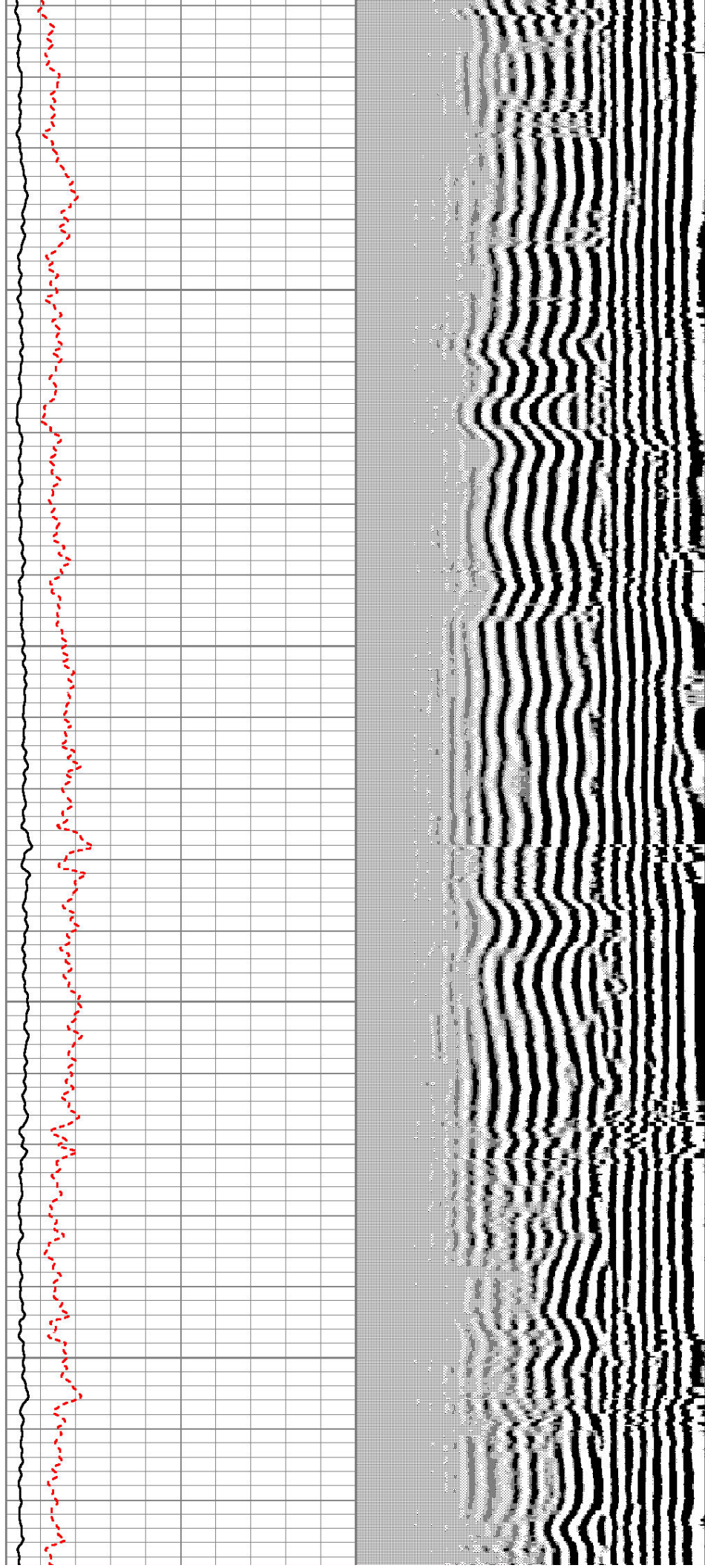


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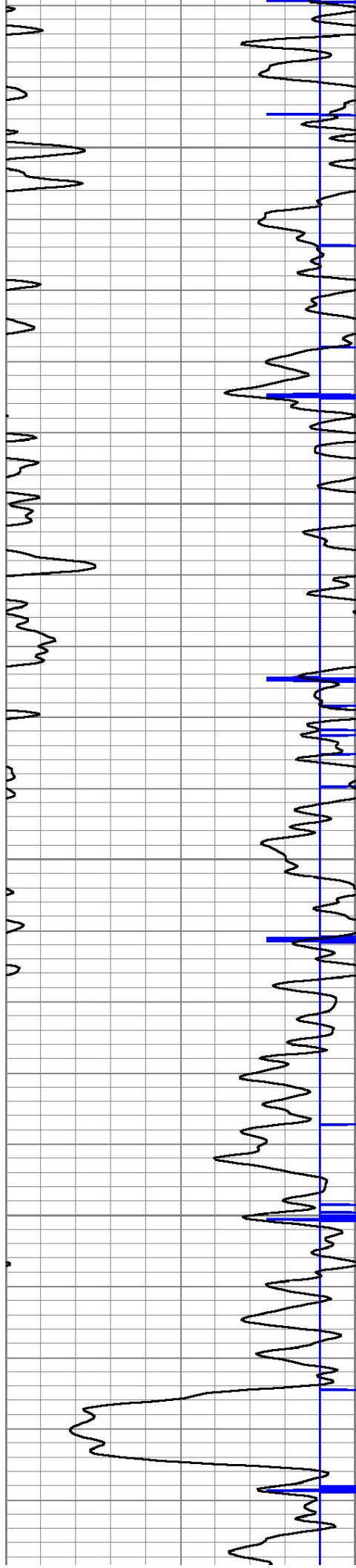
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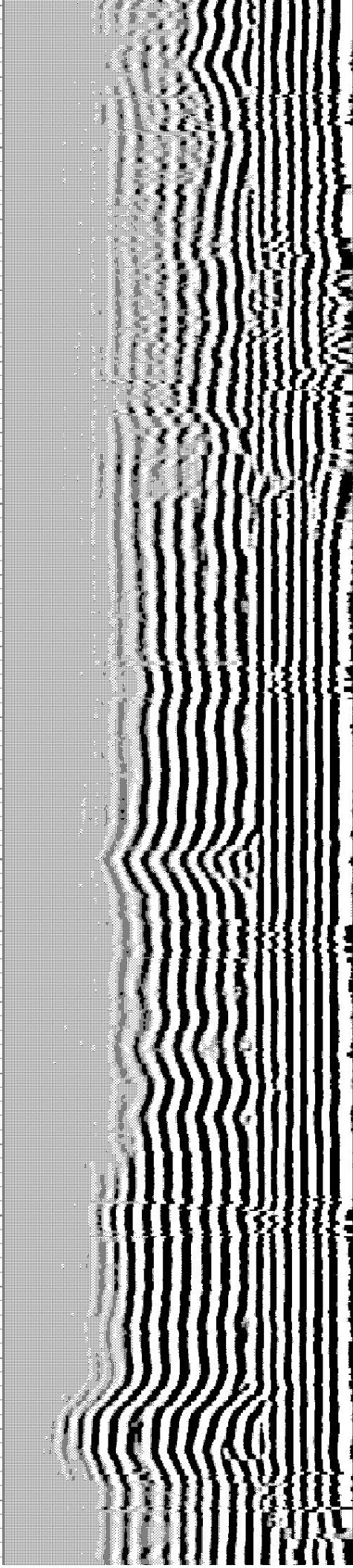
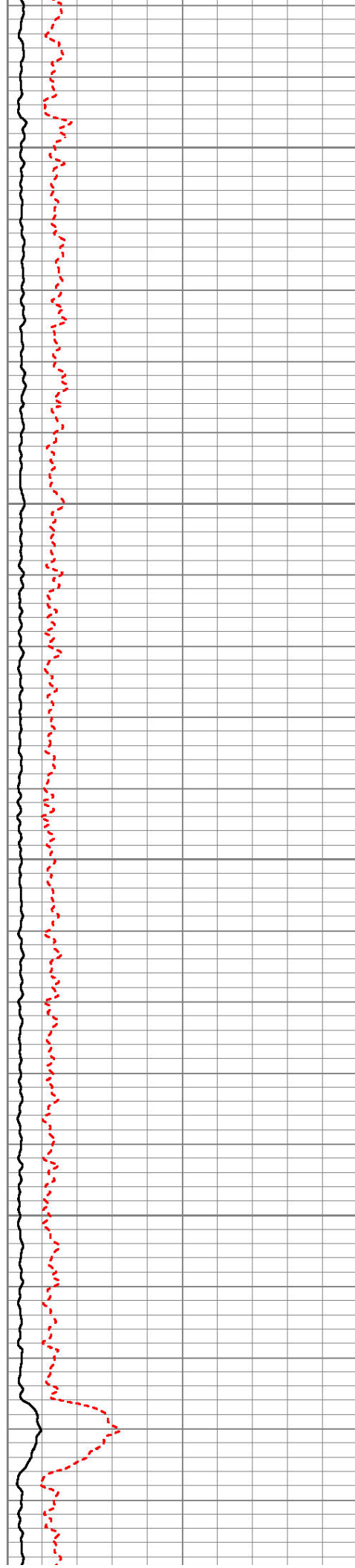


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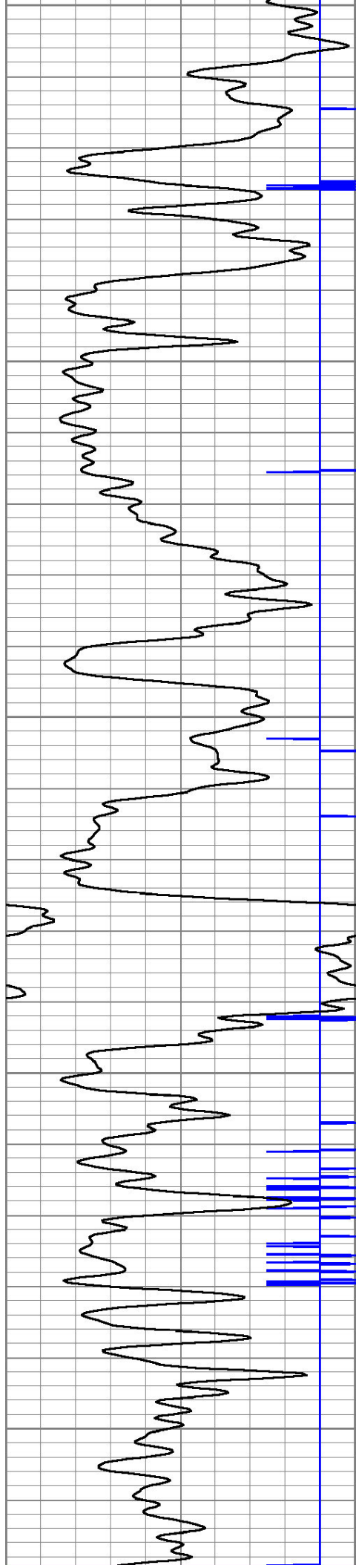
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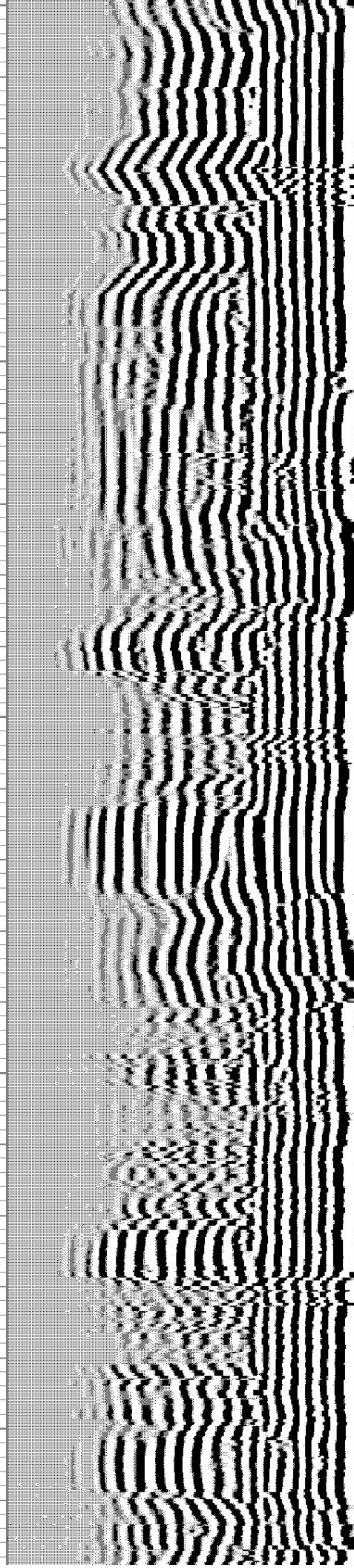
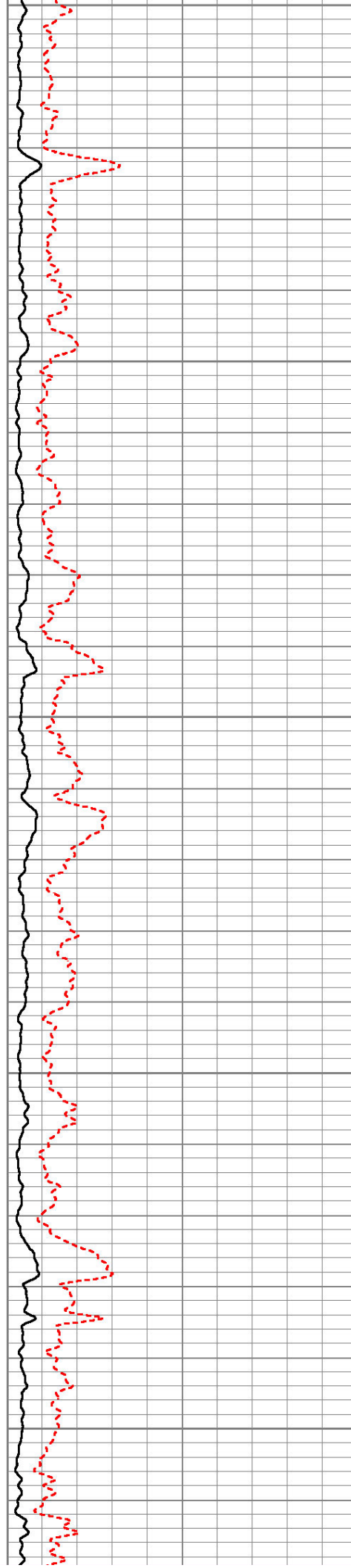
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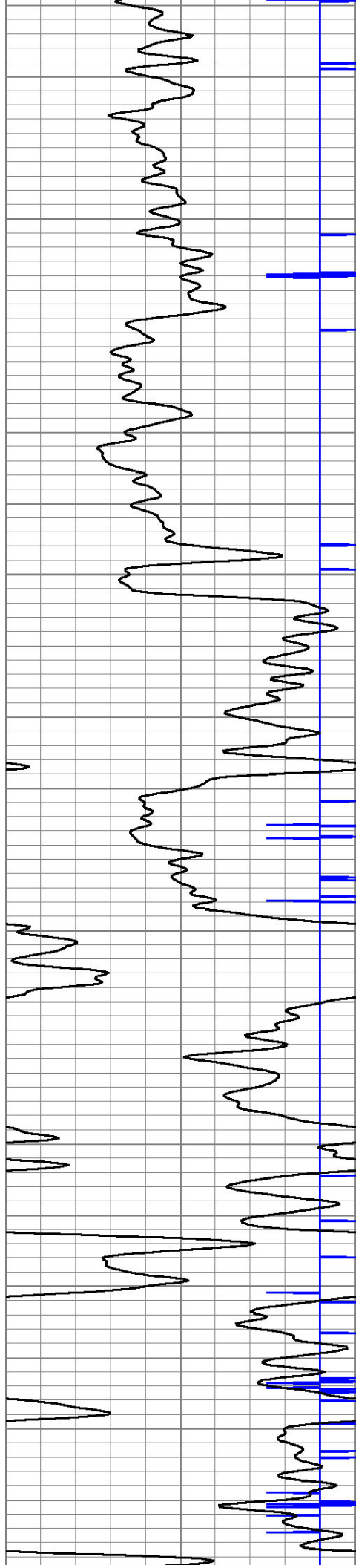




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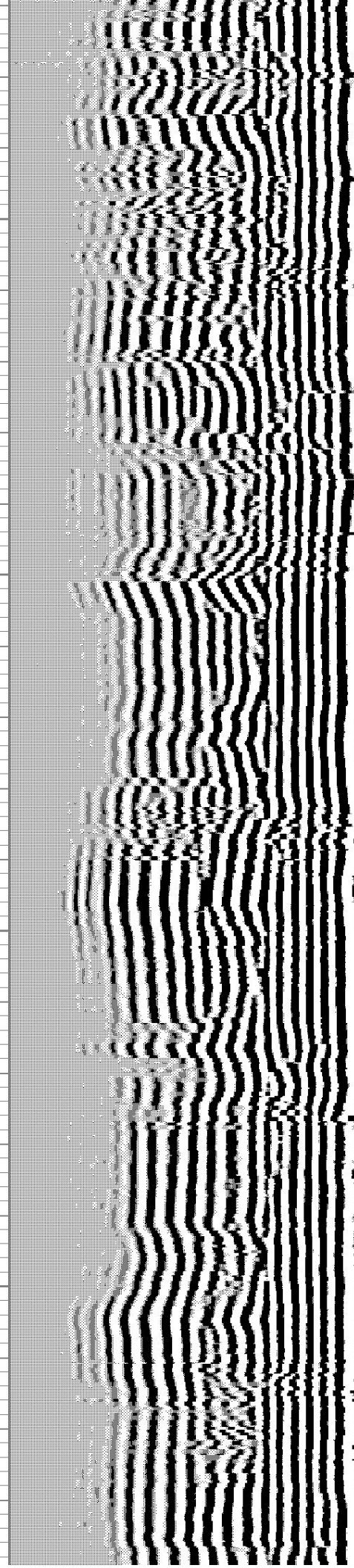
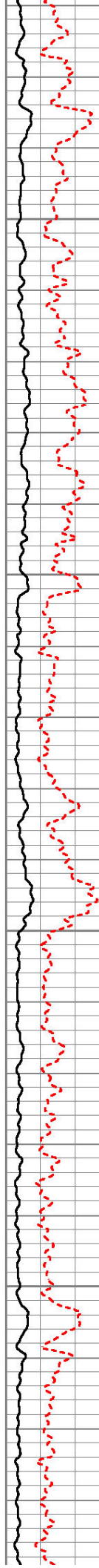


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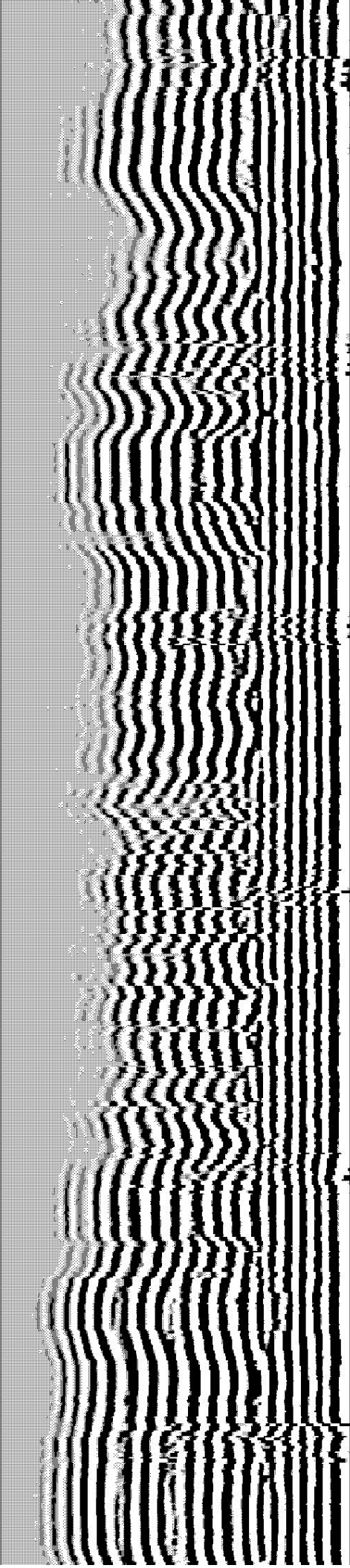
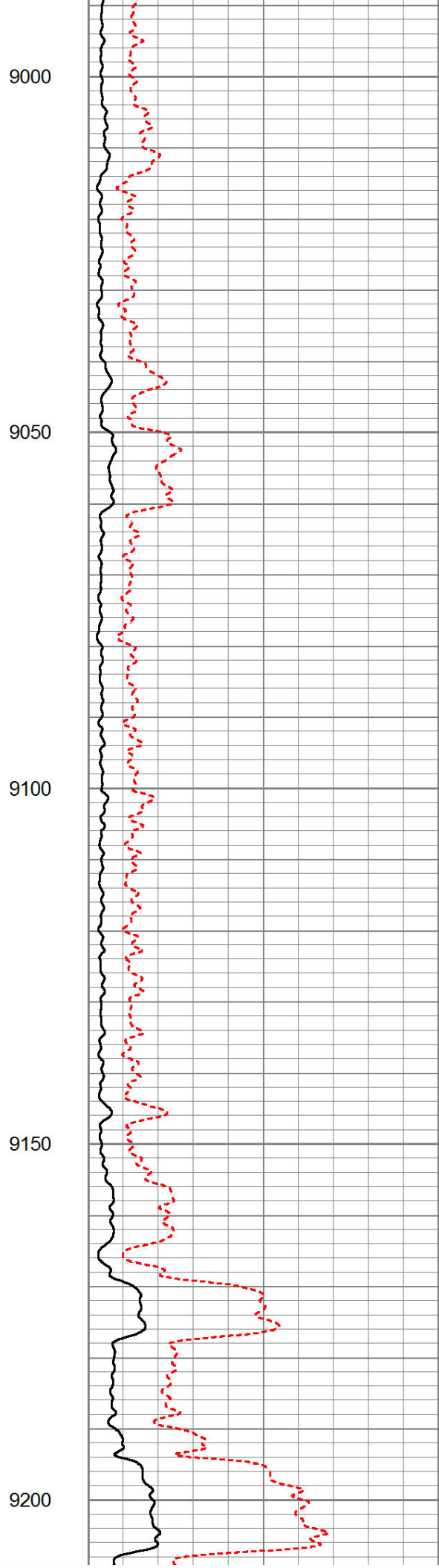
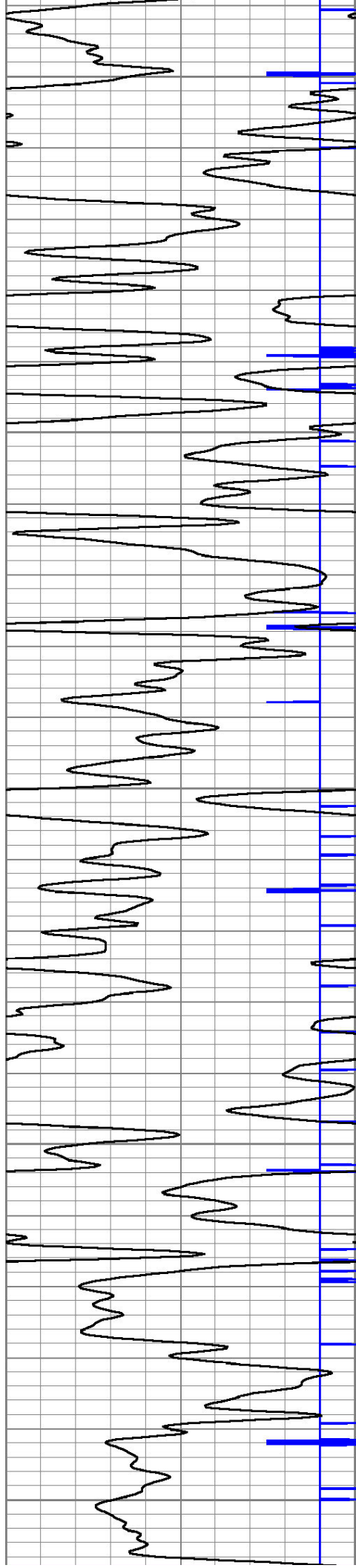
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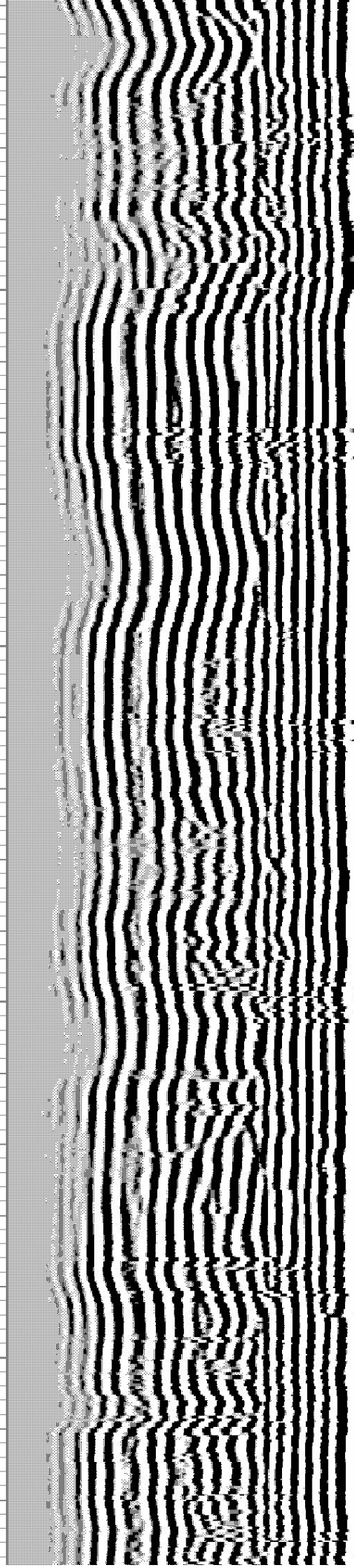
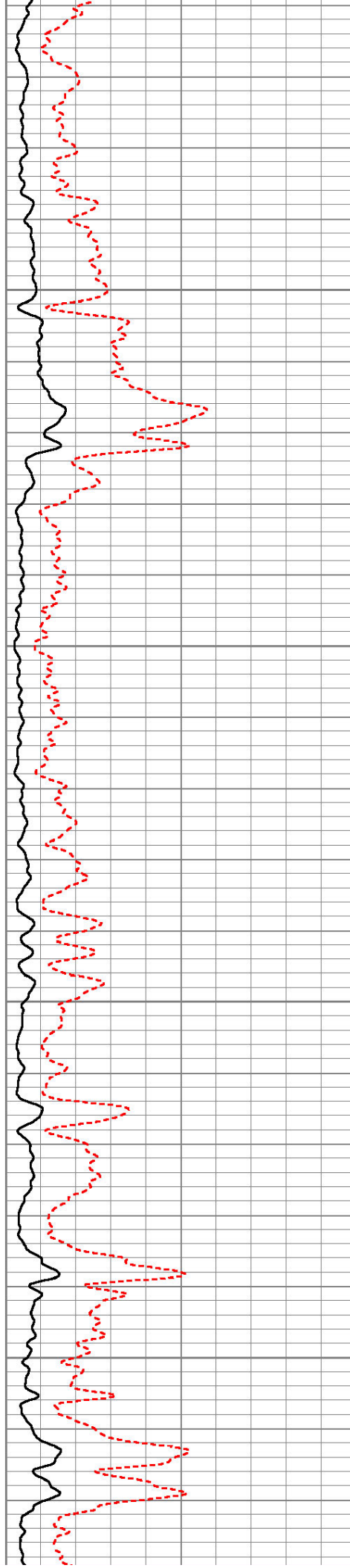


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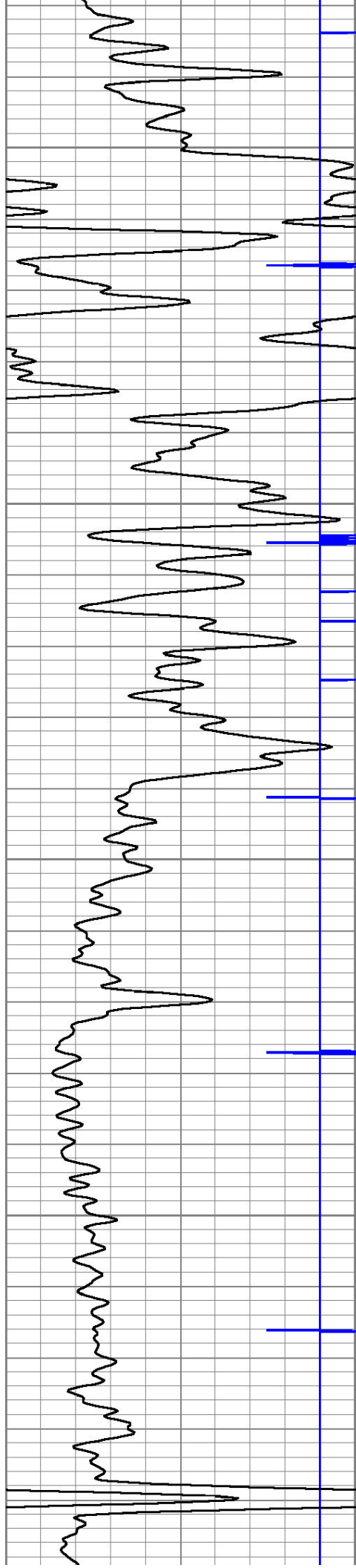
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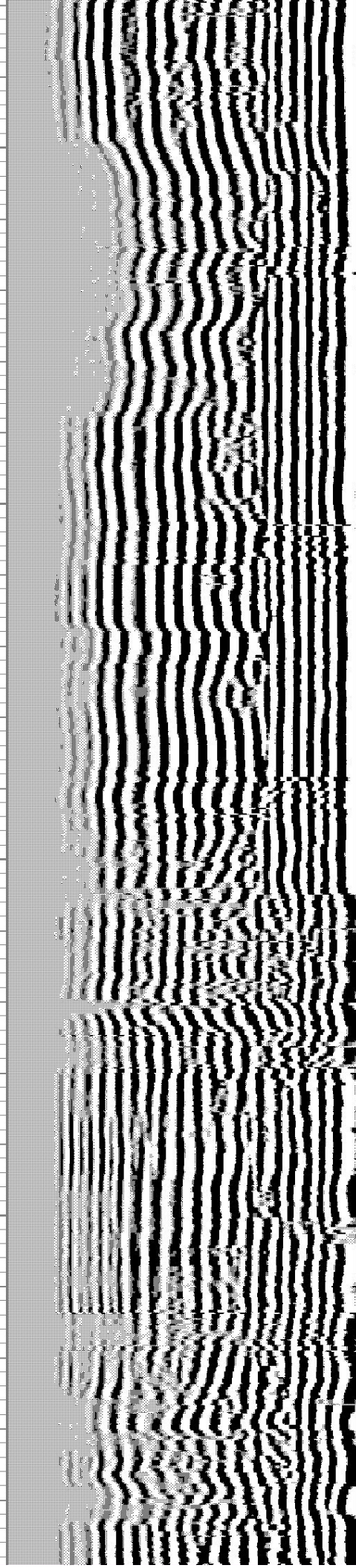
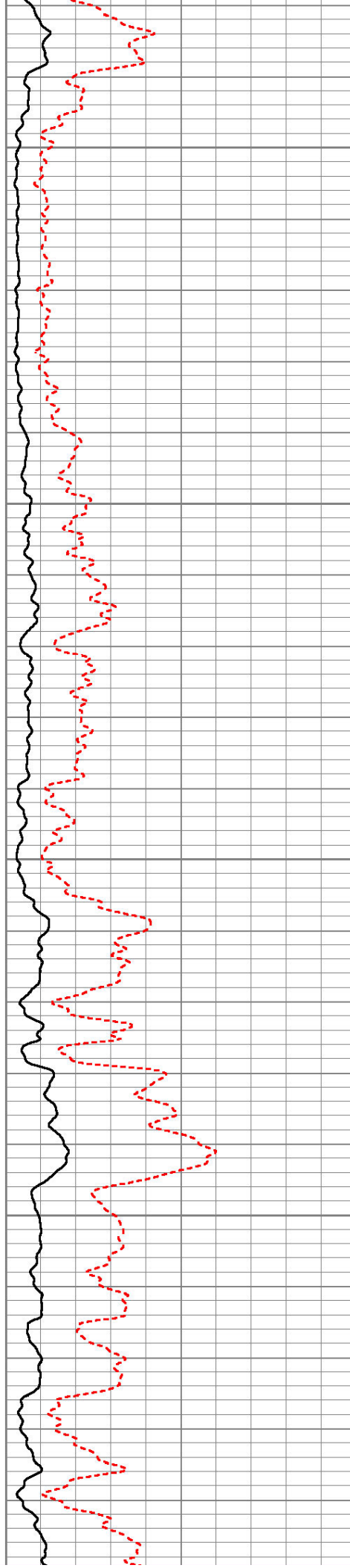


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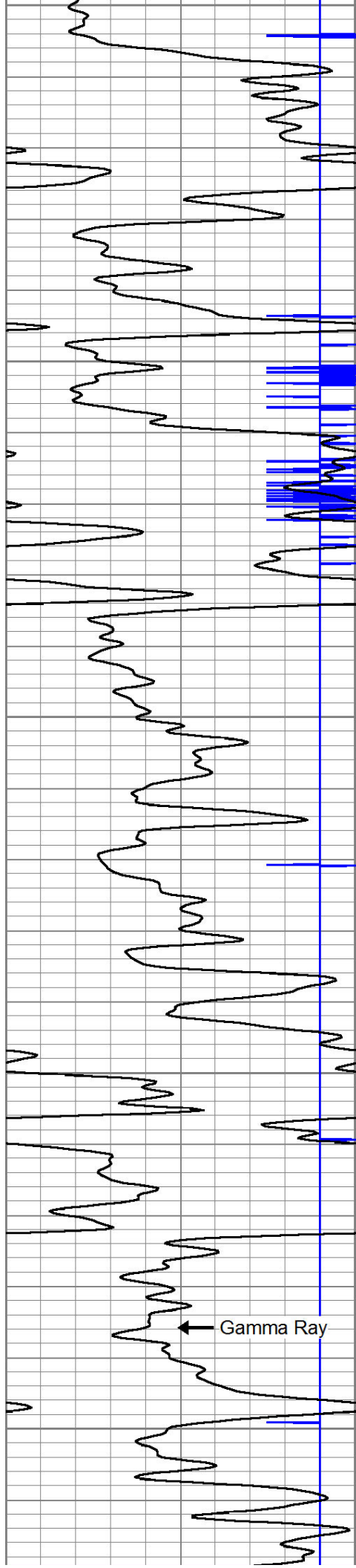
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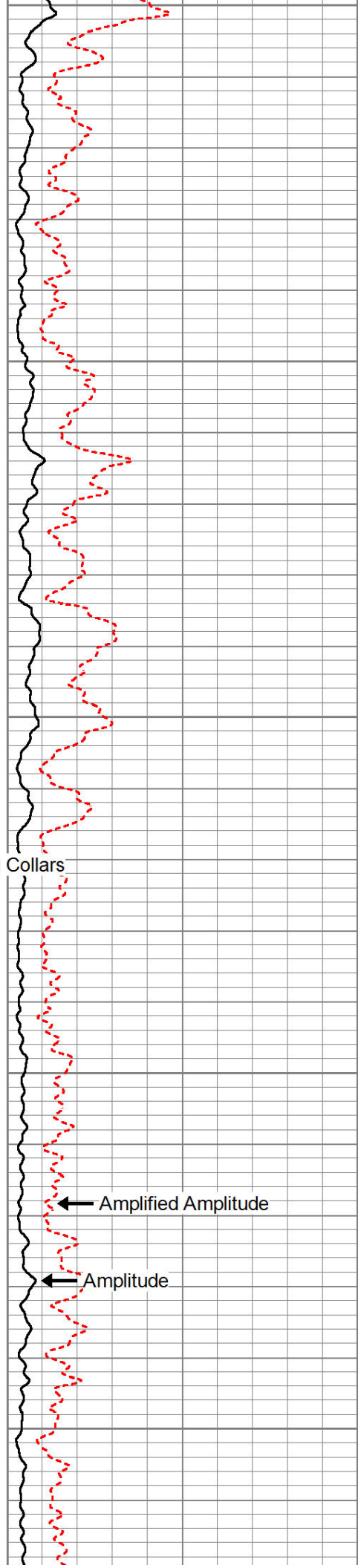




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← Casing Collars

← Gamma Ray



← Amplified Amplitude

← Amplitude

