



**DIGITAL LOG** (785) 625-3858

**Dual Induction Log**

API No.	15-025-21,505-00-00	
Company	Midco Exploration, Inc.	
Well	Theis No 4-19	
Field	Cash City South	
County	Clark	State
Location	NW SE SE 430' FSL & 450' FEL	
	Sec: 19	Twp: 33S Rge: 25W
		Elevation 2145
		12 Ft. Above Perm. Datum
		Other Services CNL/CDL MEL/BHCS
		Elevation K.B. 2157 D.F. 2145 G.L. 2145

Date	05/27/2010
Run Number	One
Depth Driller	7501
Depth Logger	7503
Bottom Logged Interval	7502
Top Log Interval	850
Casing Driller	8.625 @ 878
Casing Logger	875
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	6.000
Density / Viscosity	9.3   48
pH / Fluid Loss	8.5   13.8
Source of Sample	Flowline
Rm @ Meas. Temp	.52 @ 80
Rmf @ Meas. Temp	.39 @ 80
Rmc @ Meas. Temp	.70 @ 80
Source of Rmf / Rmc	Charts
Rm @ BHT	.27 @ 153
Operating Rig Time	7 Hours
Max Rec. Temp. F	153
Equipment Number	17
Location	Hays
Recorded By	Mike Garrison
Witnessed By	Kent Weltmer

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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**

Thank you for using Log-Tech, Inc.  
(785) 625-3858

283/160 Jct. 1 South, 6.2 West, South on lease Rd 1 1/4 cross bridge to second cattle guard, go right to top of hill, go left, follow road to rig.

Database File: c:\warrior\data\midco\_theis no 4-19\midco.db  
 Dataset Pathname: dil/midstck  
 Presentation Format: dil2in  
 Dataset Creation: Thu May 27 15:28:20 2010  
 Charted by: Depth in Feet scaled 1:600

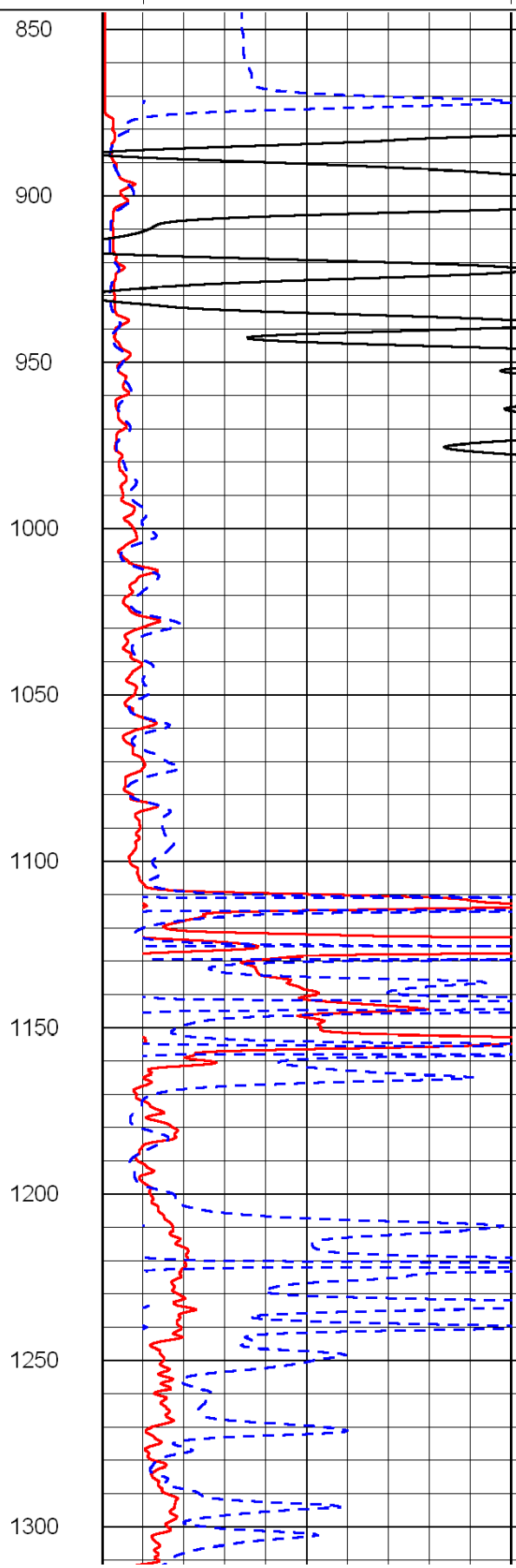
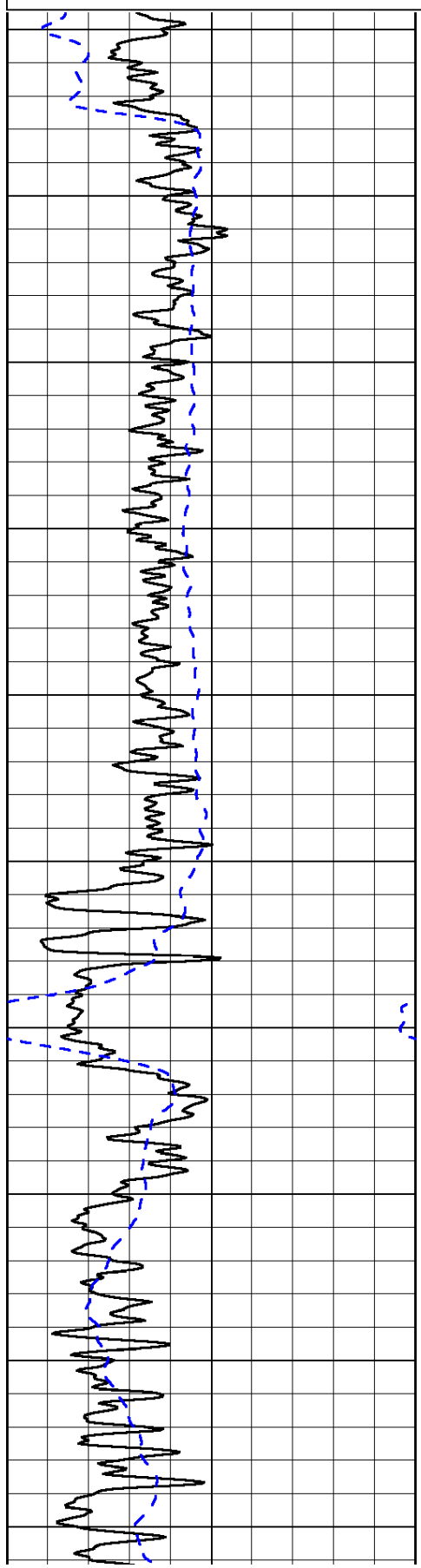
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-200	SP (mV)	0

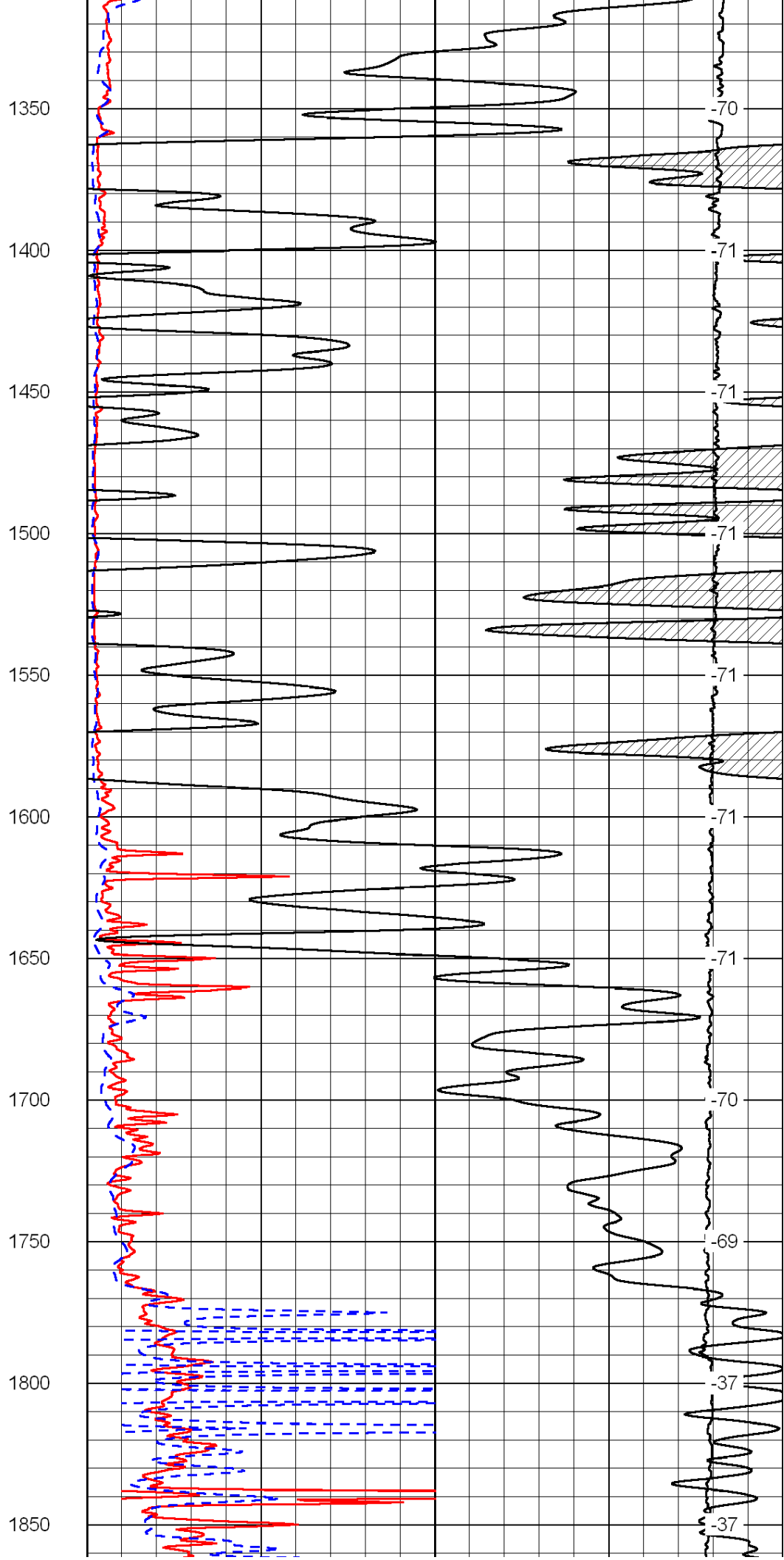
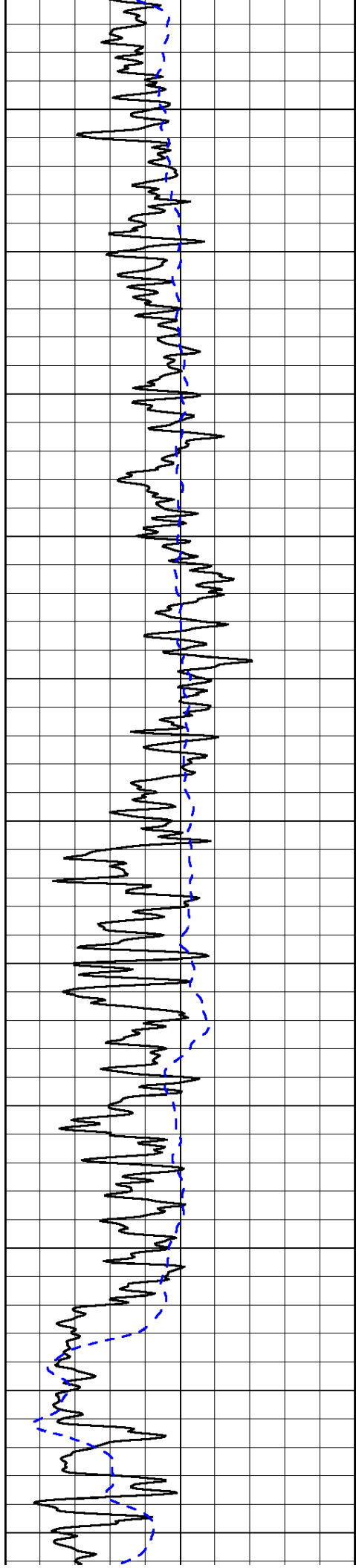
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0	Deep Resistivity	50

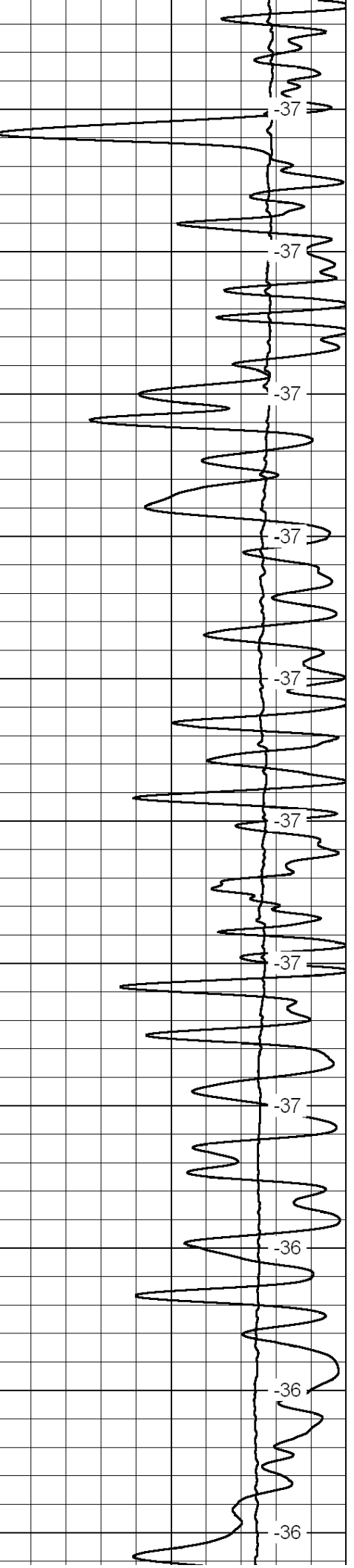
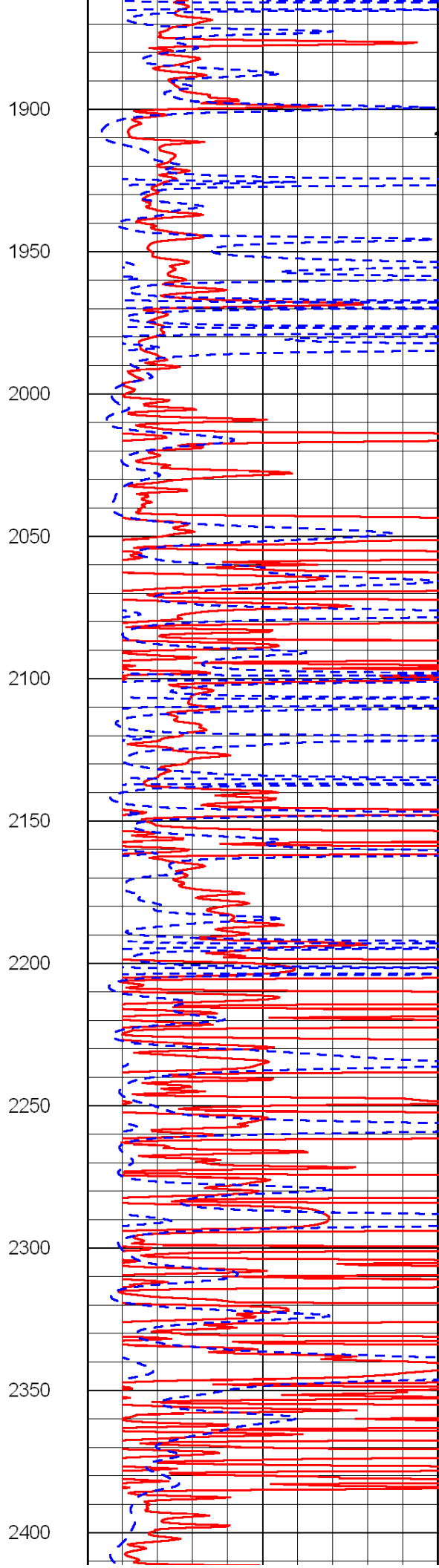
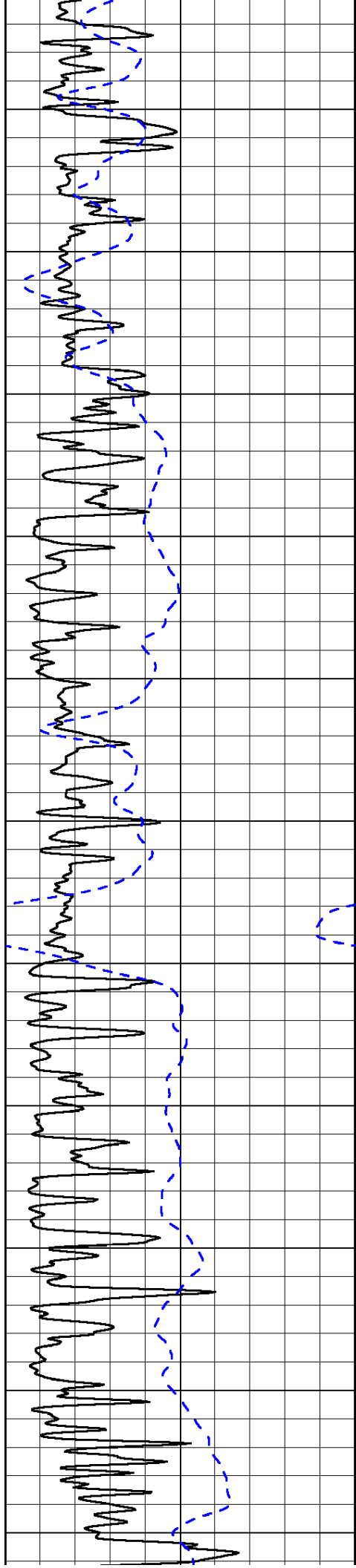
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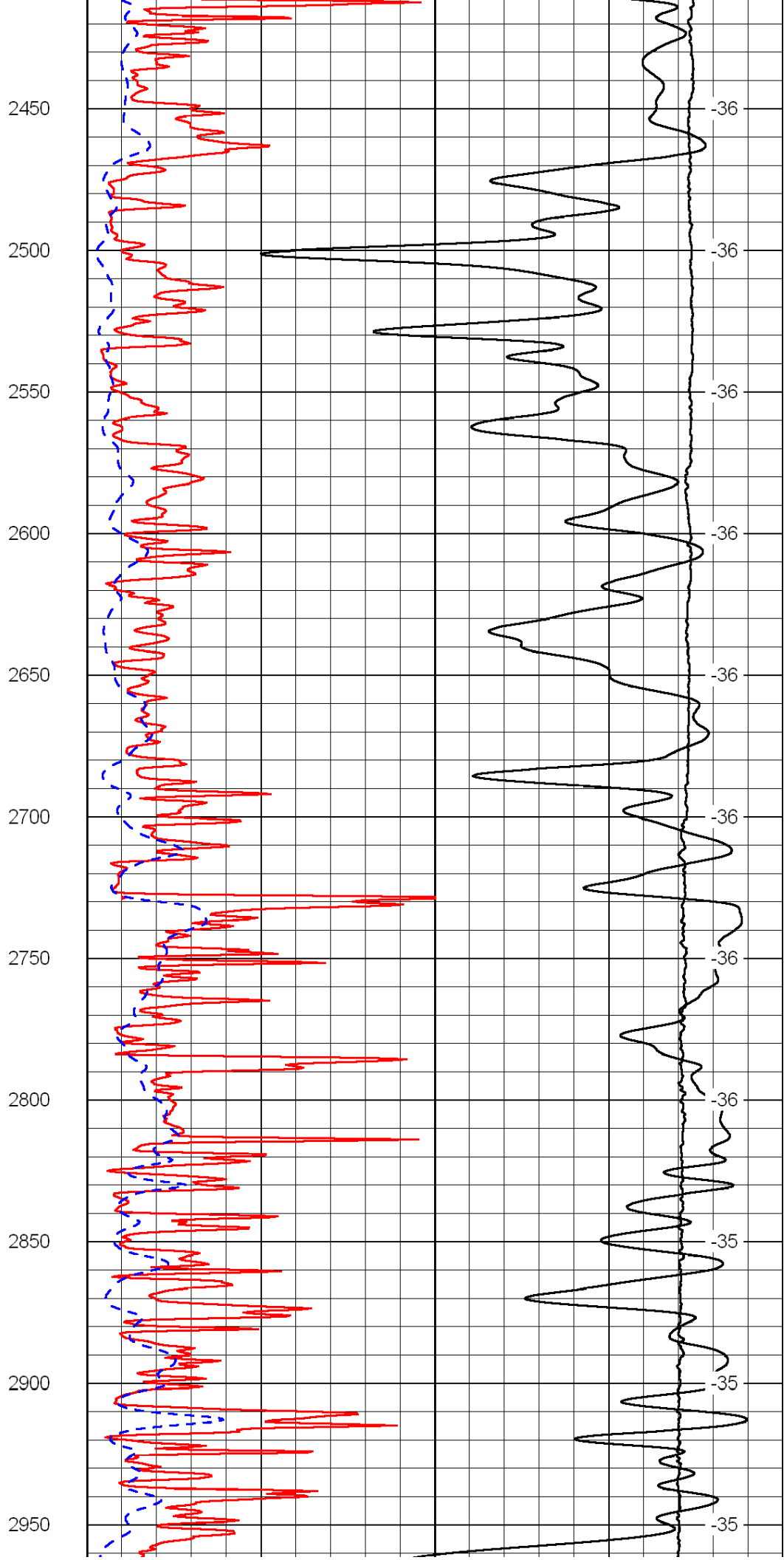
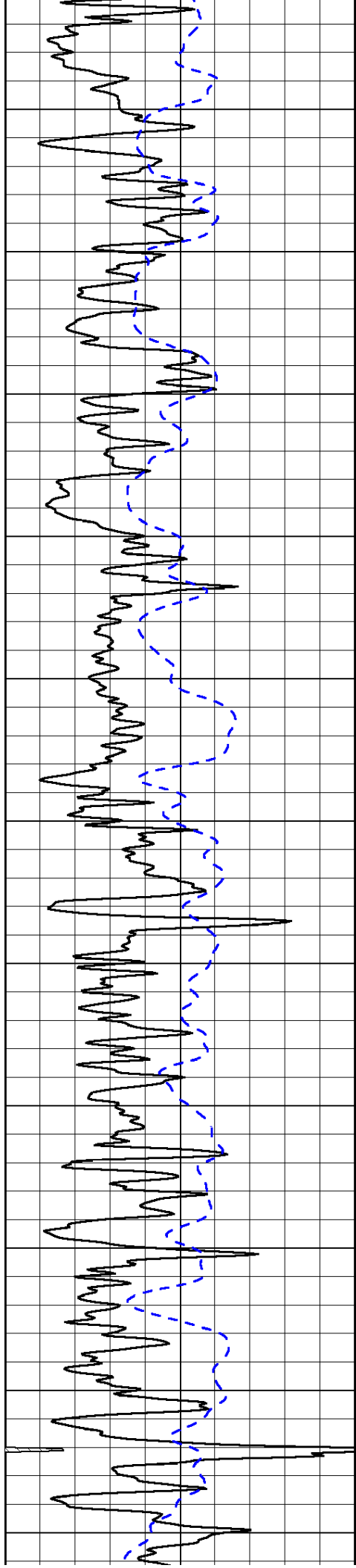
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15000	Line Tension	0

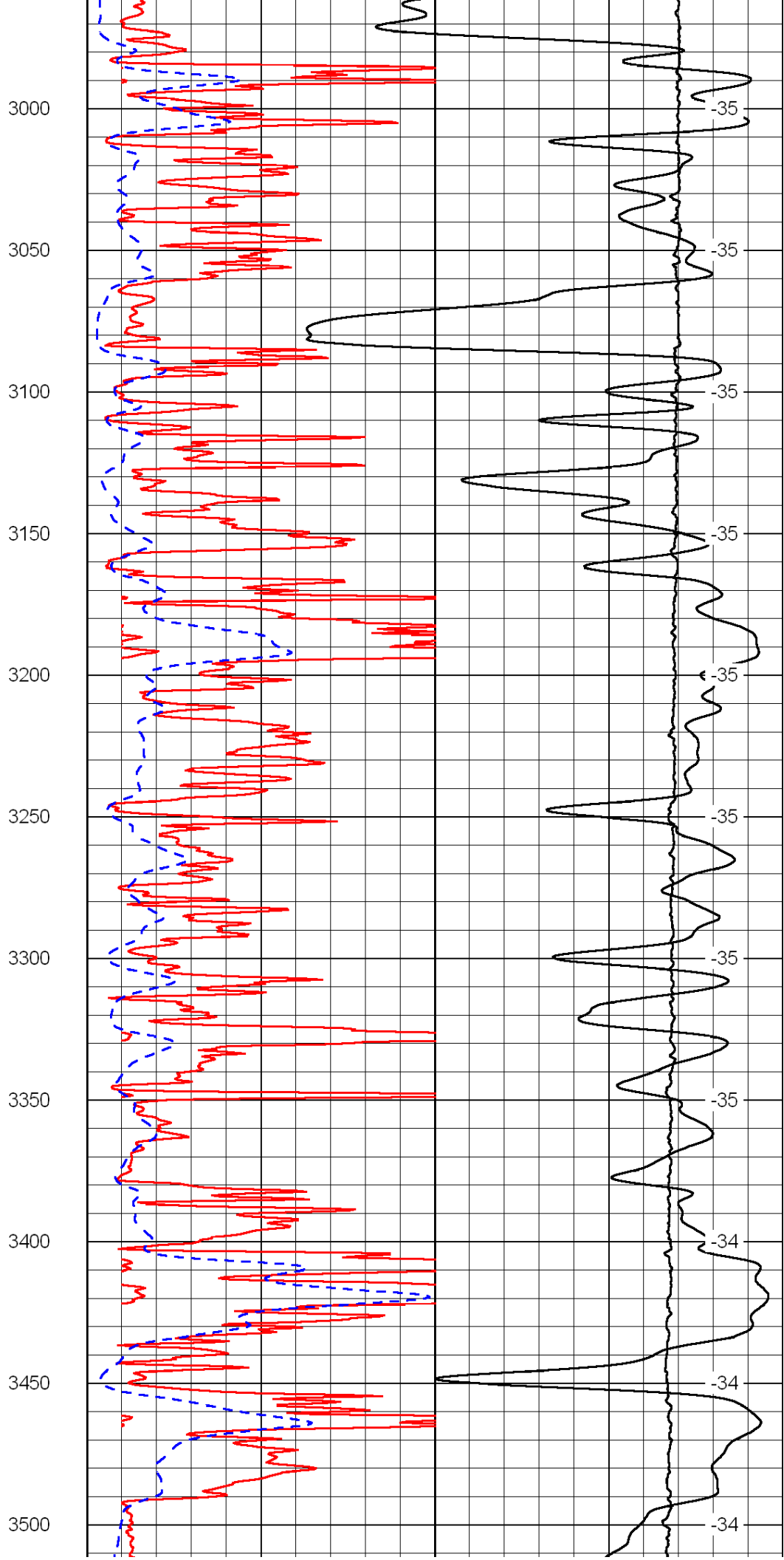
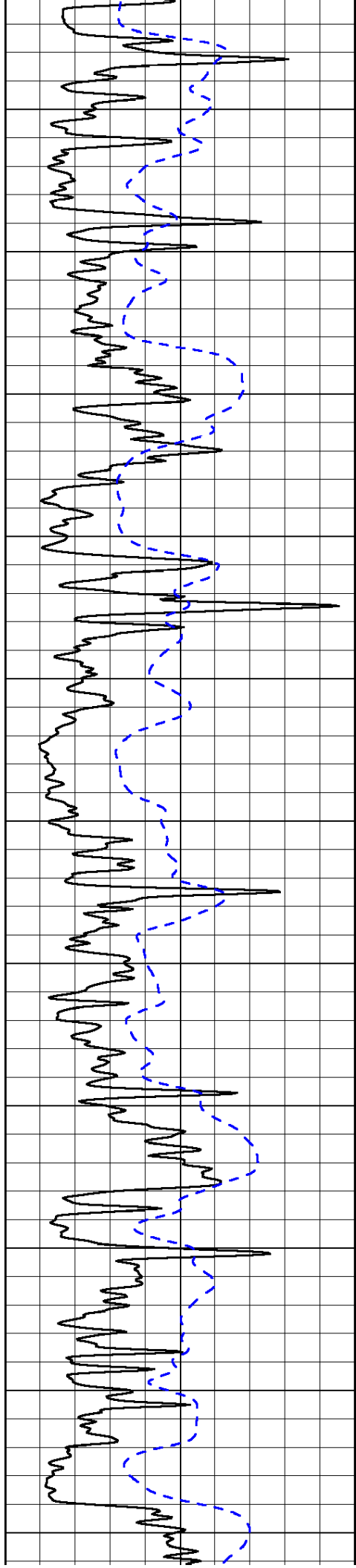
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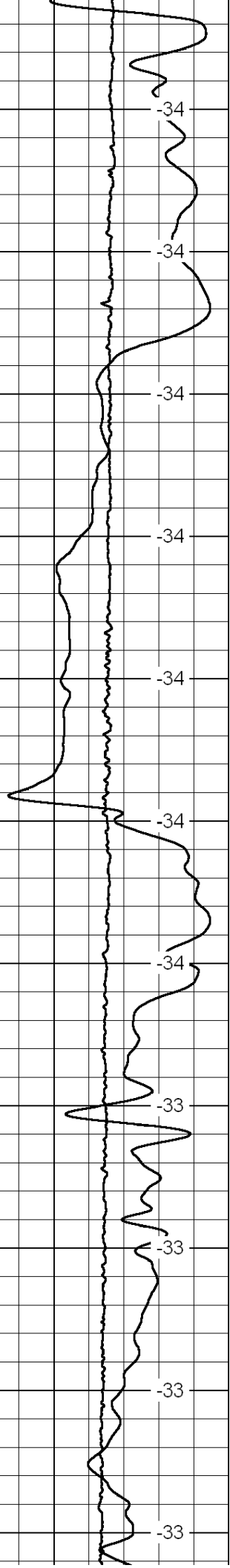
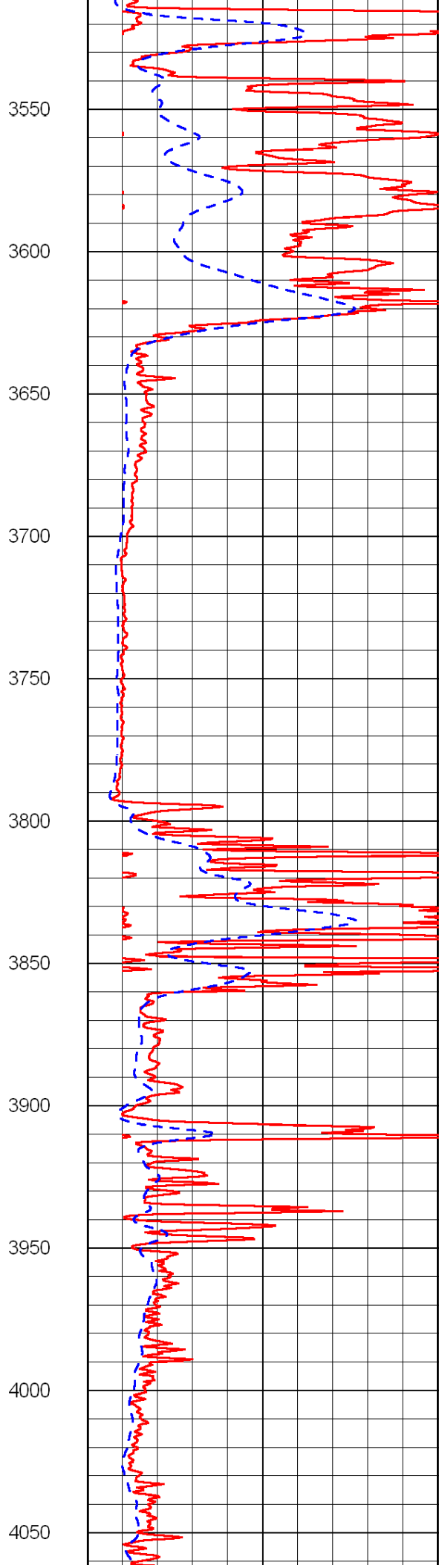
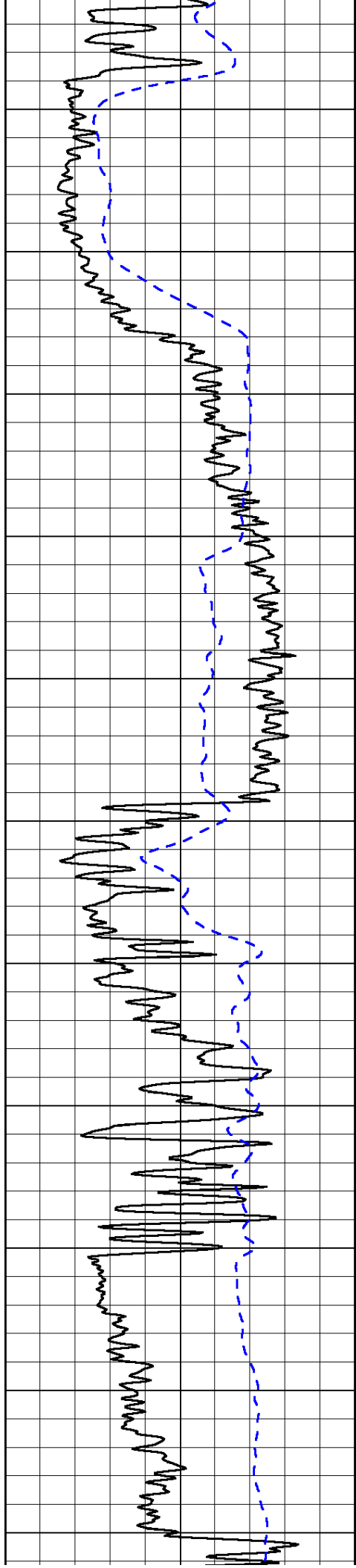


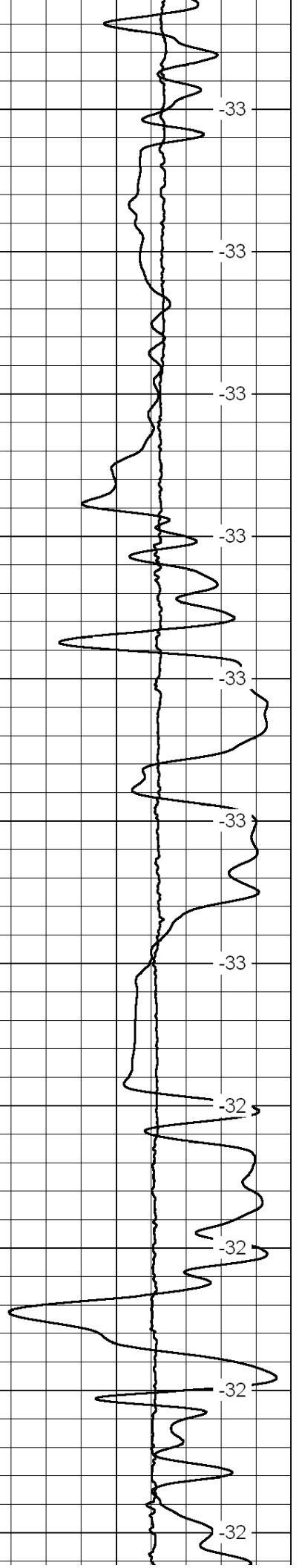
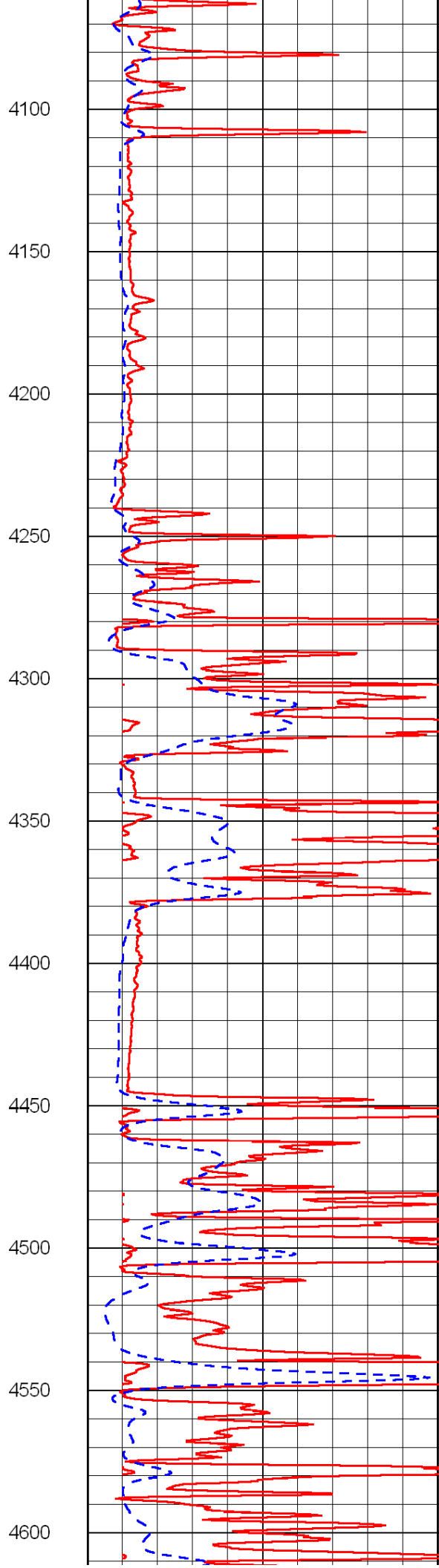
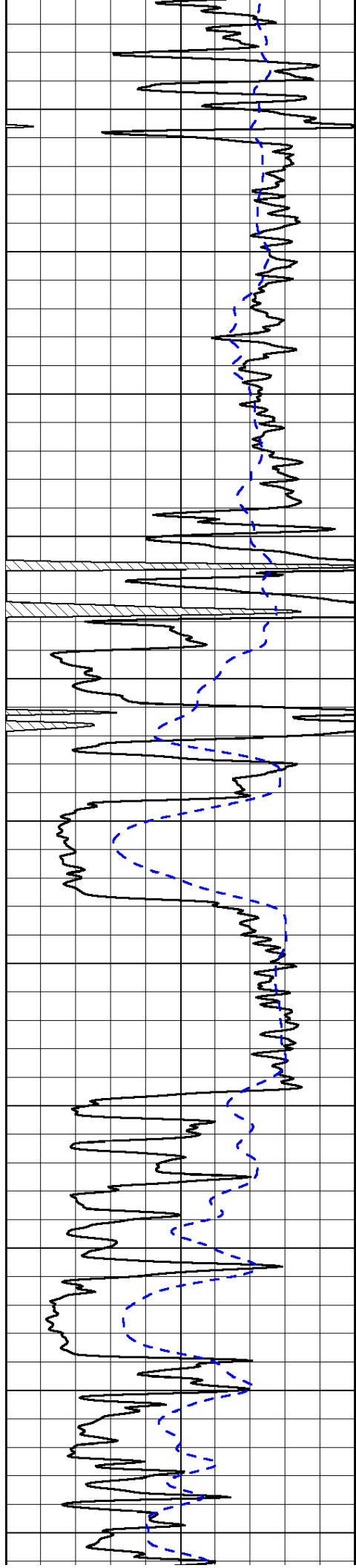


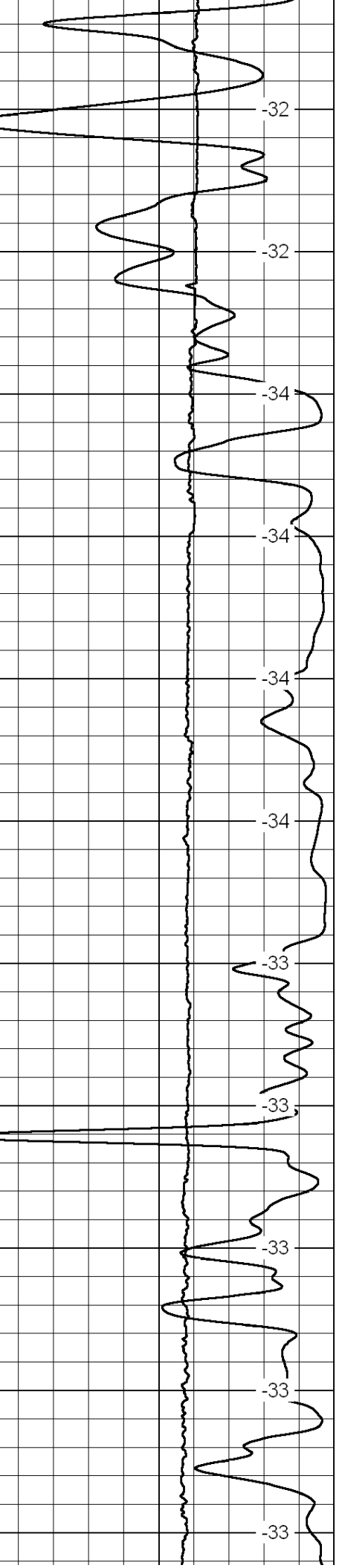
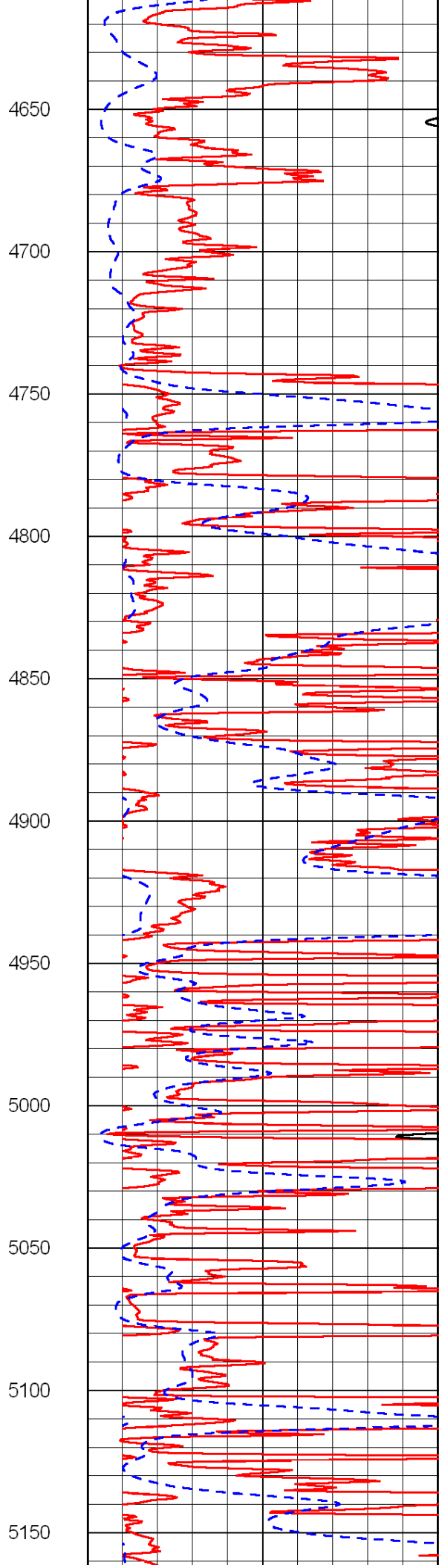
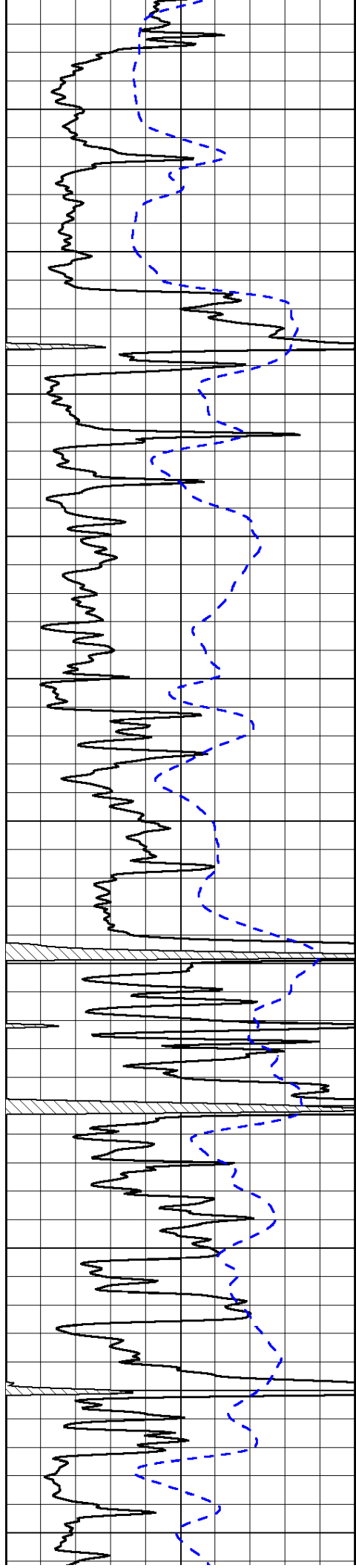


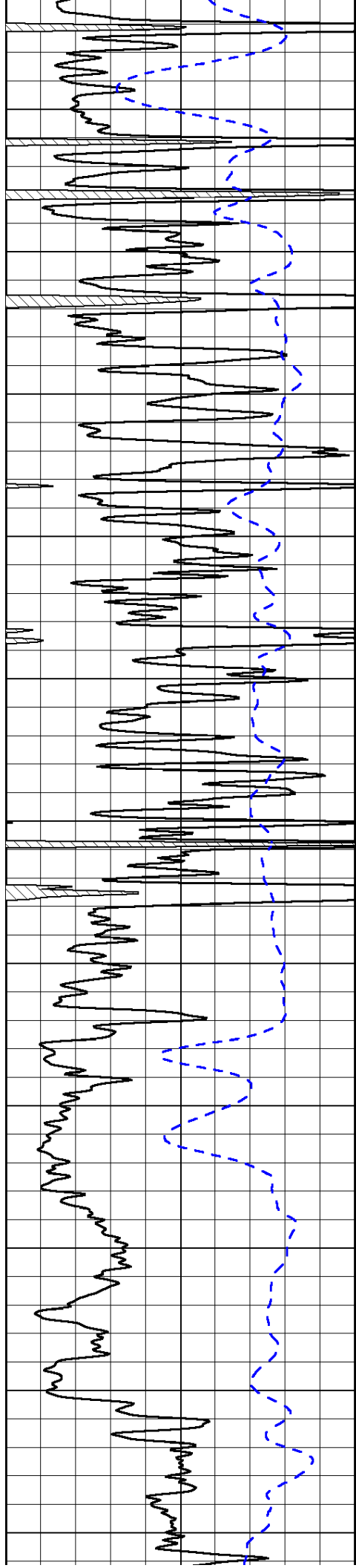












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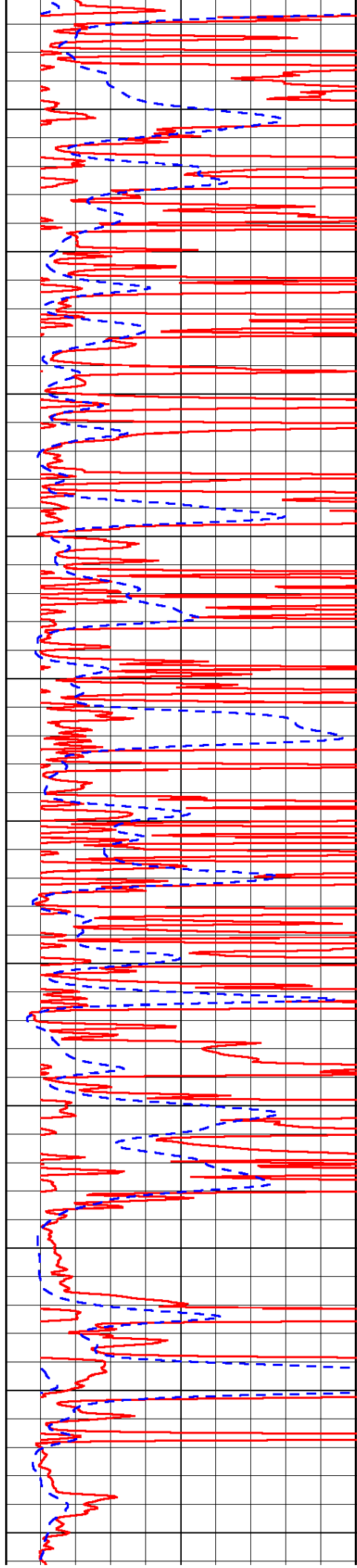
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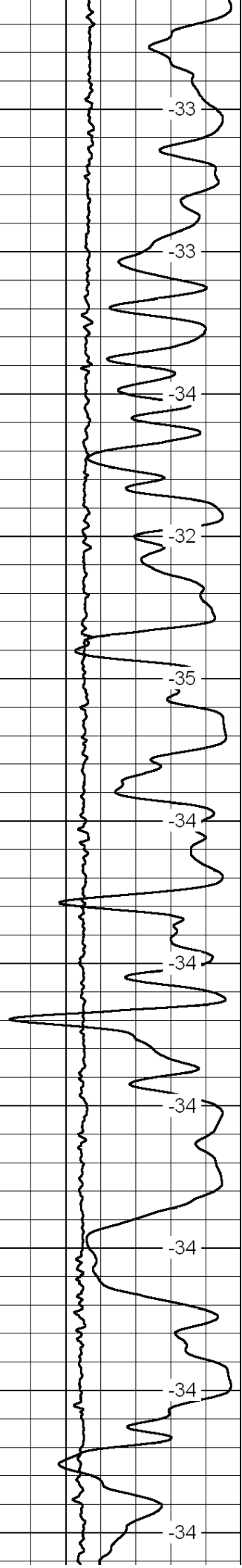
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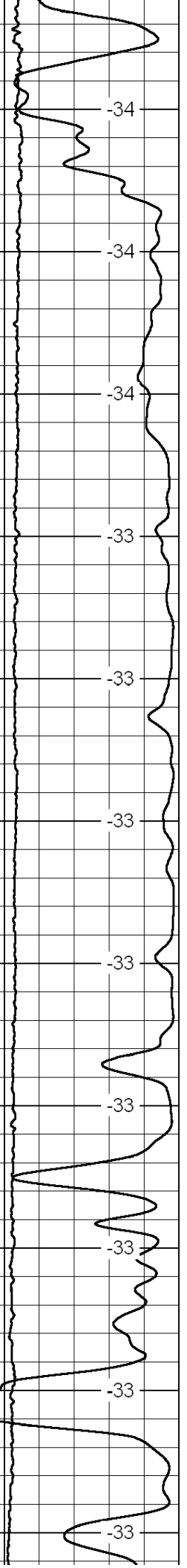
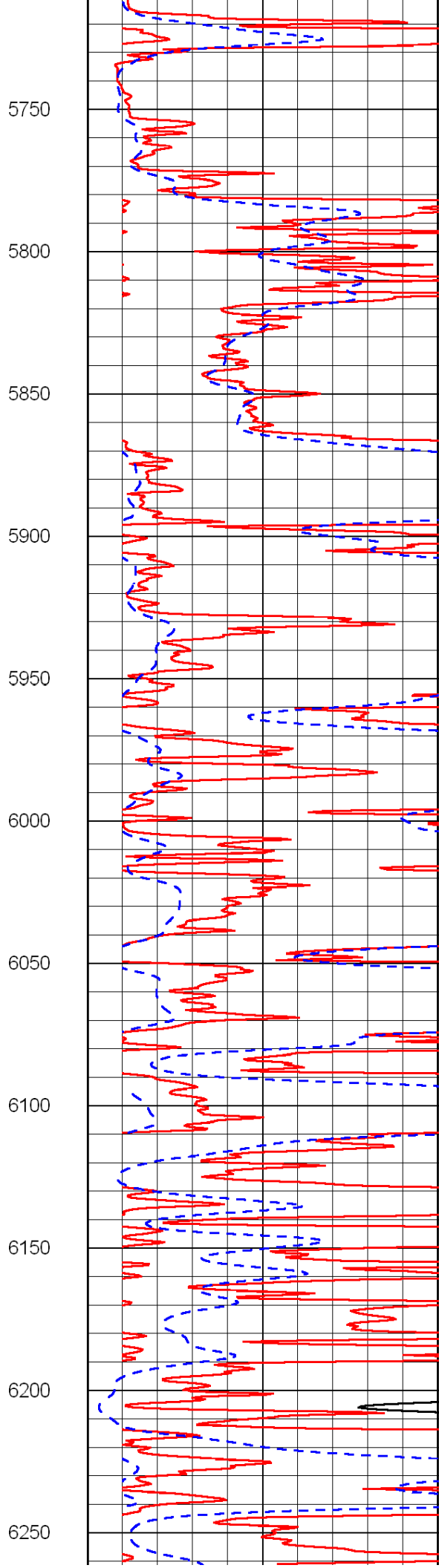
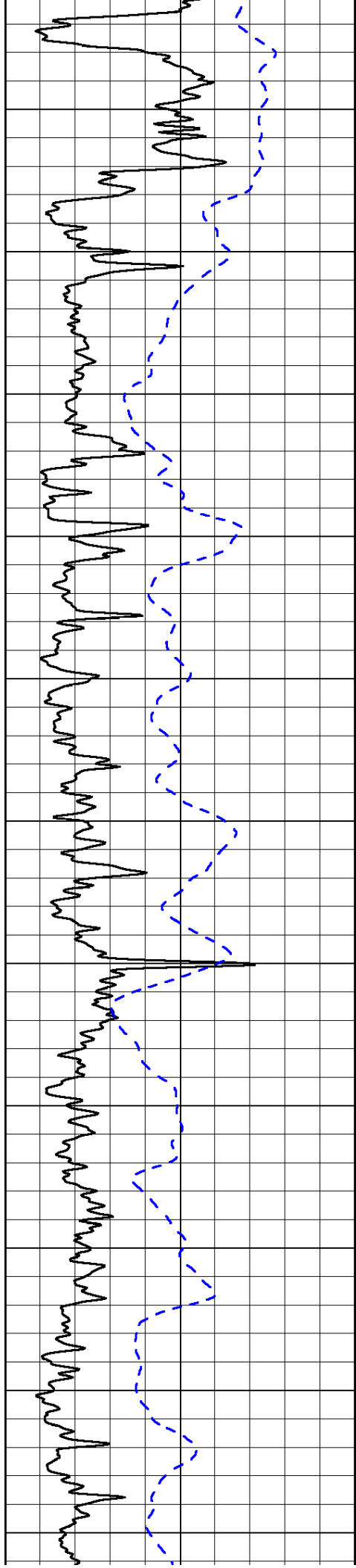
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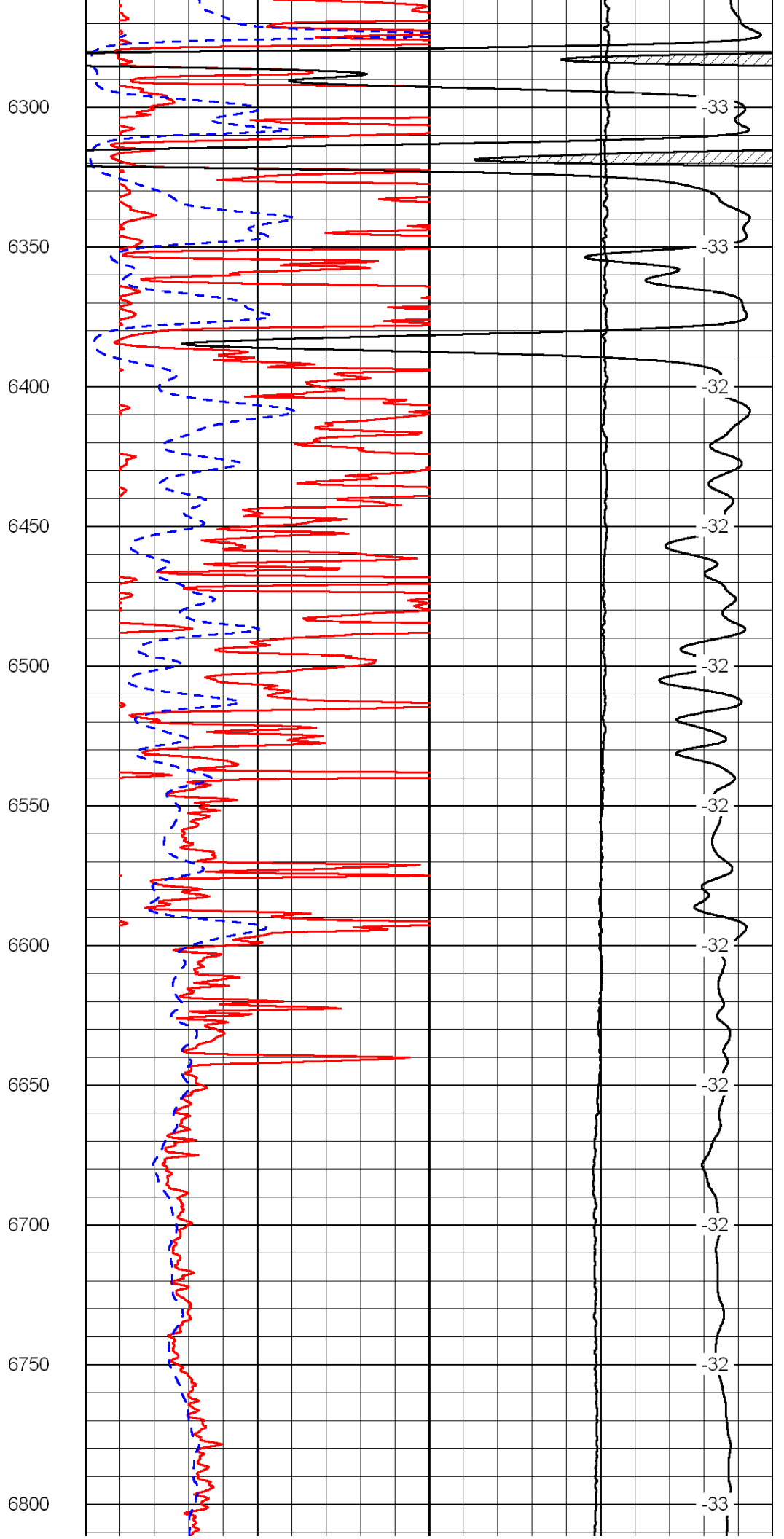
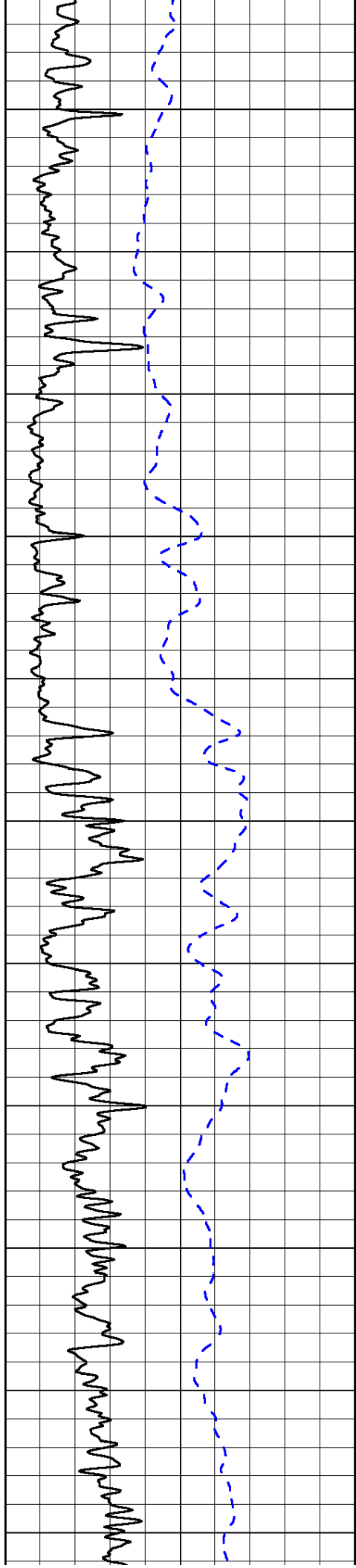
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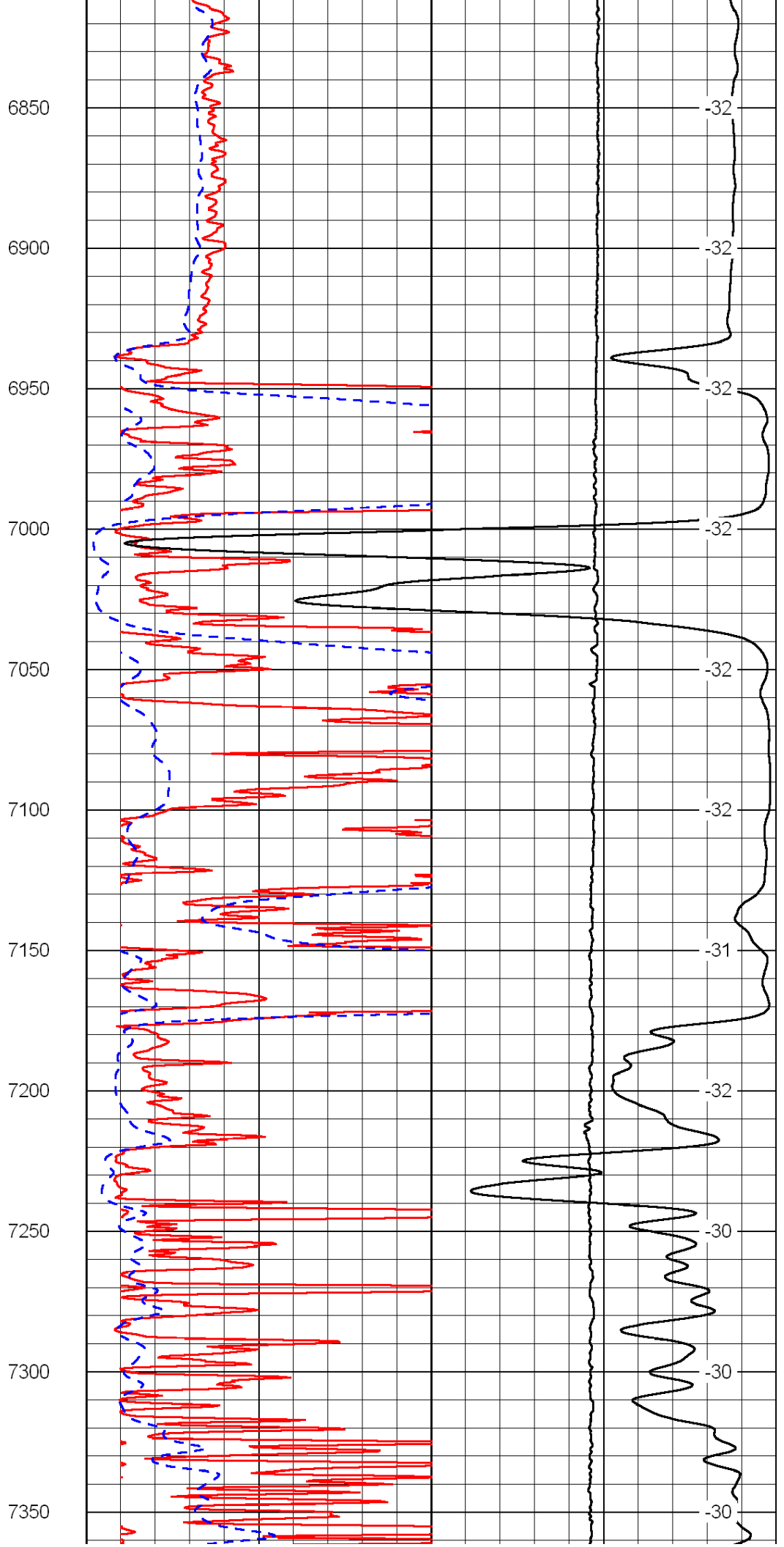
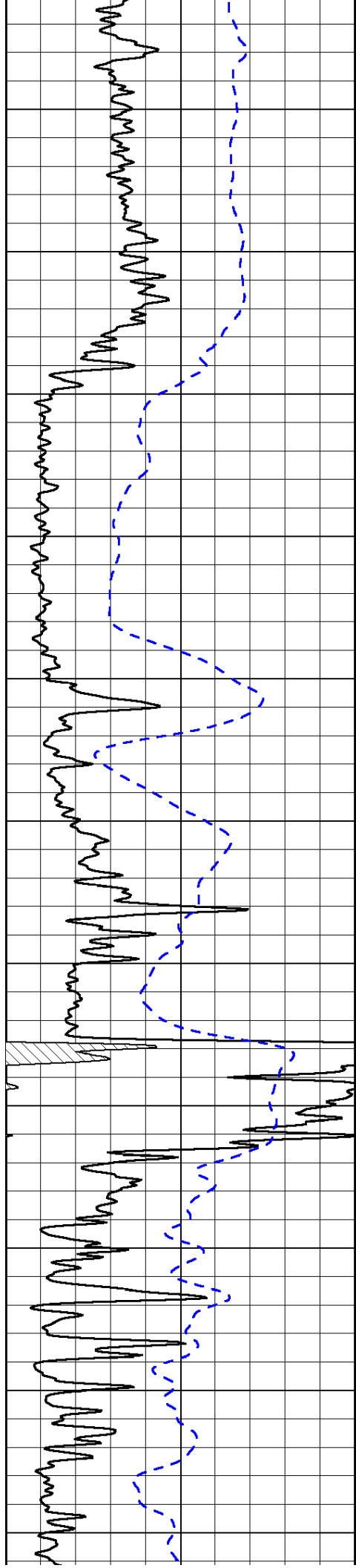
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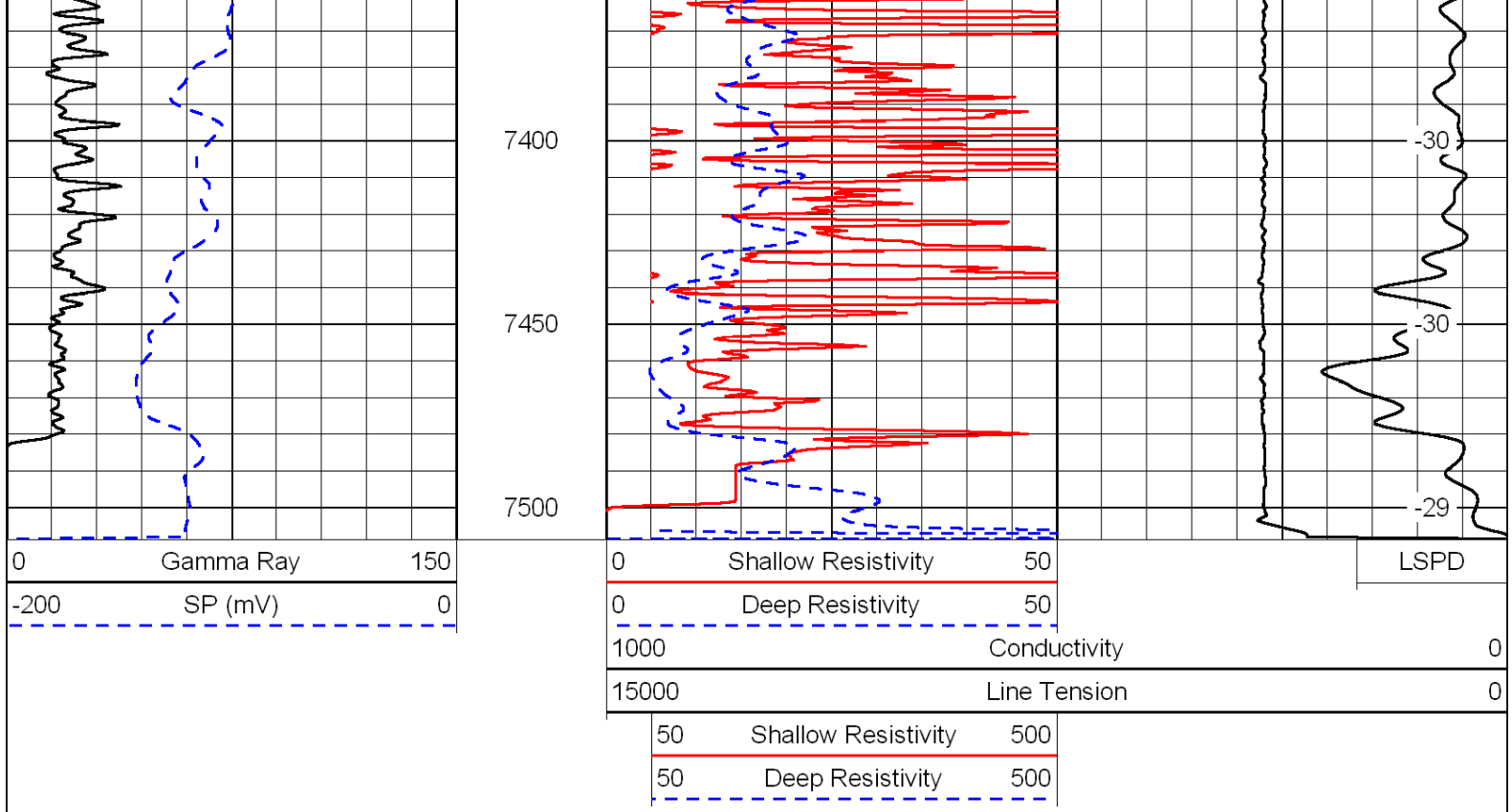
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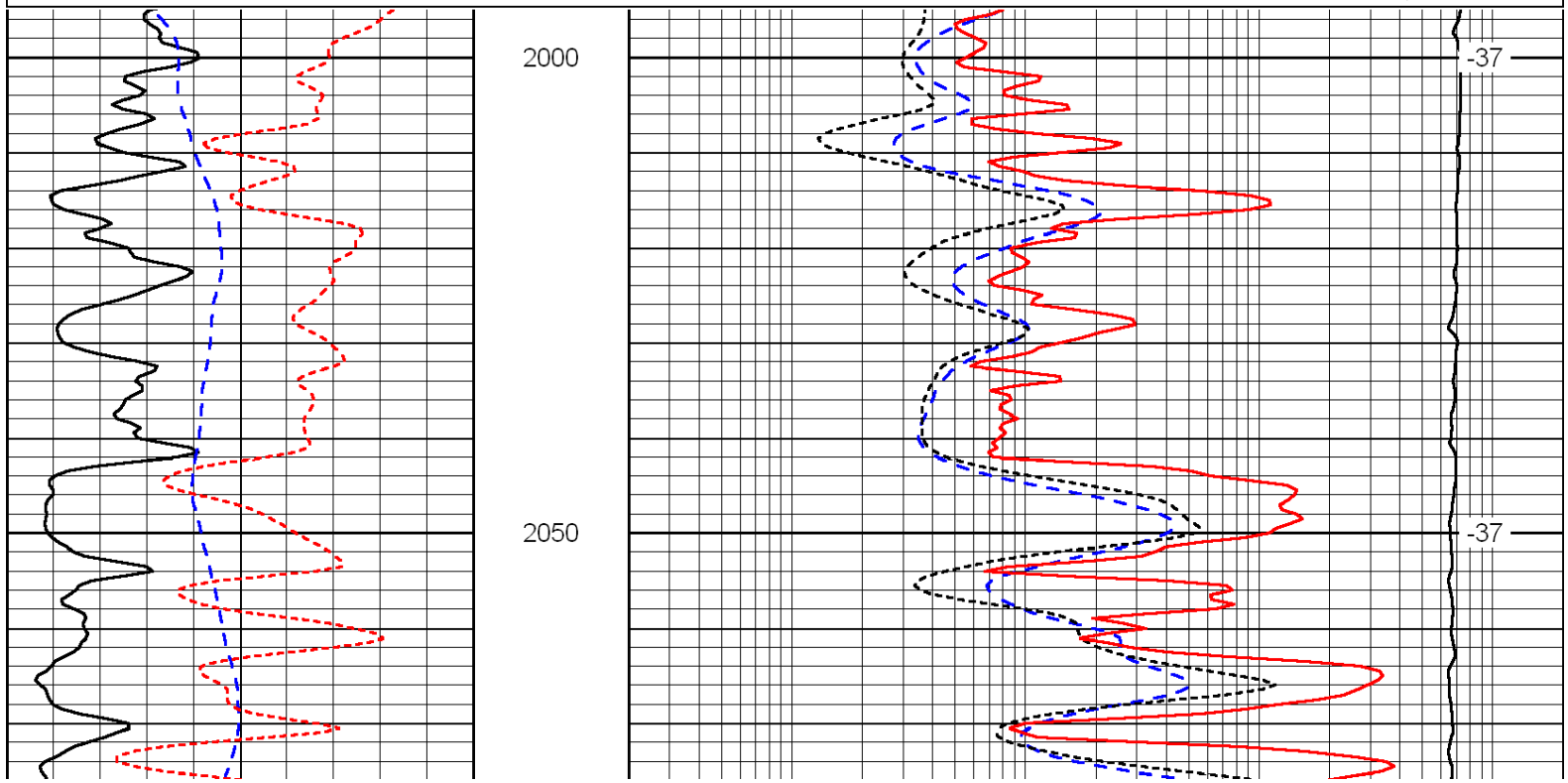
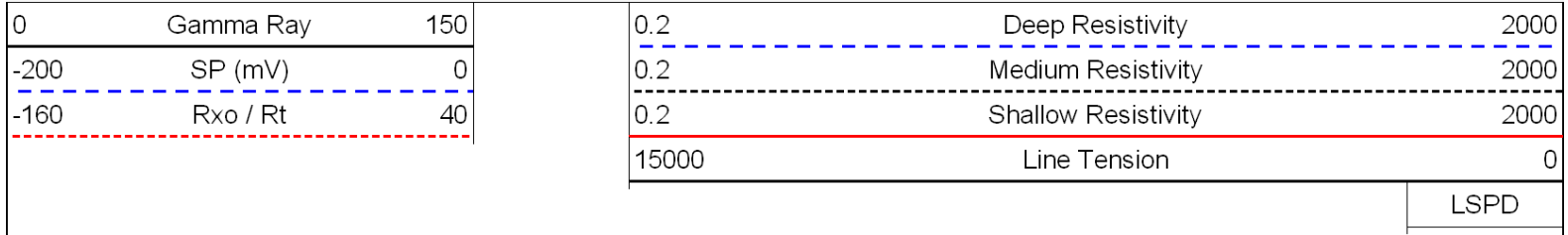


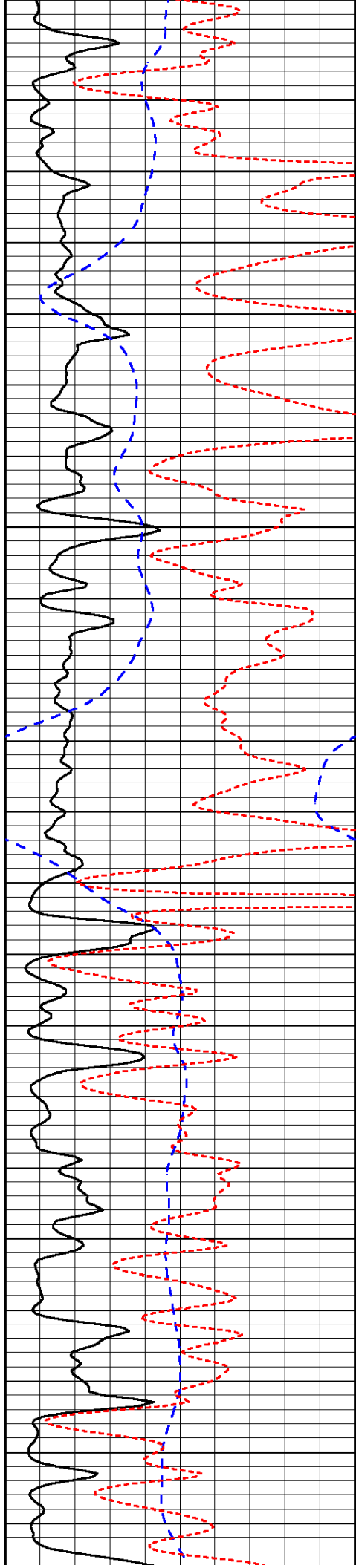






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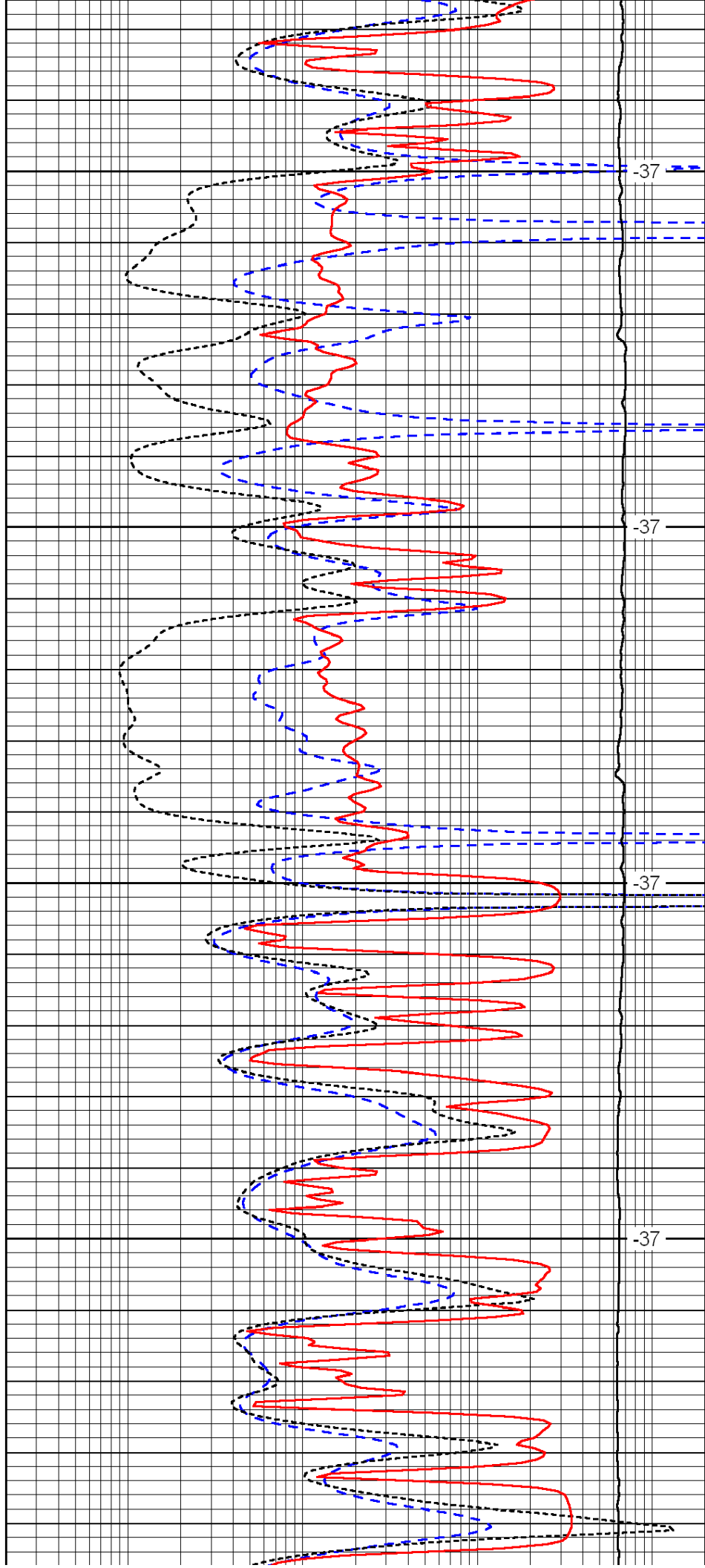


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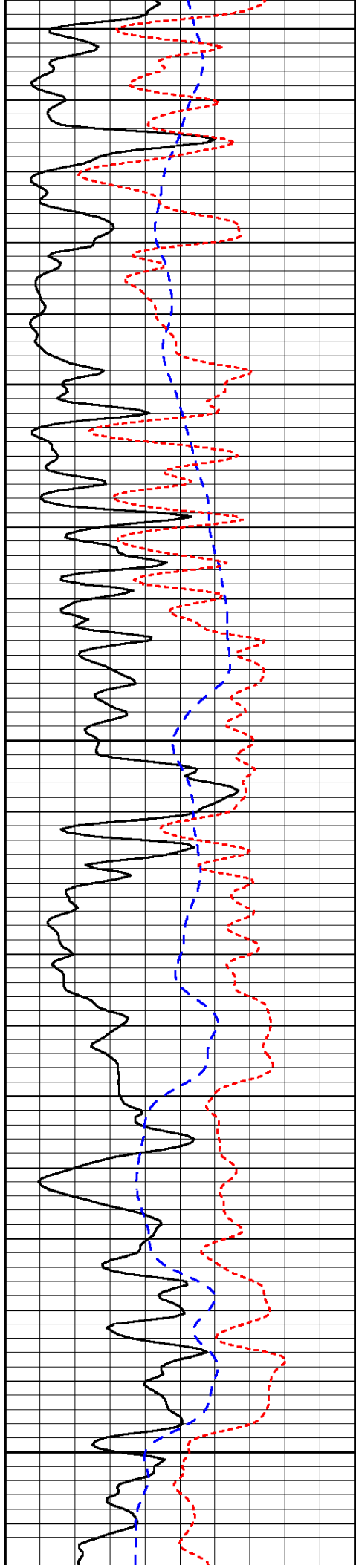


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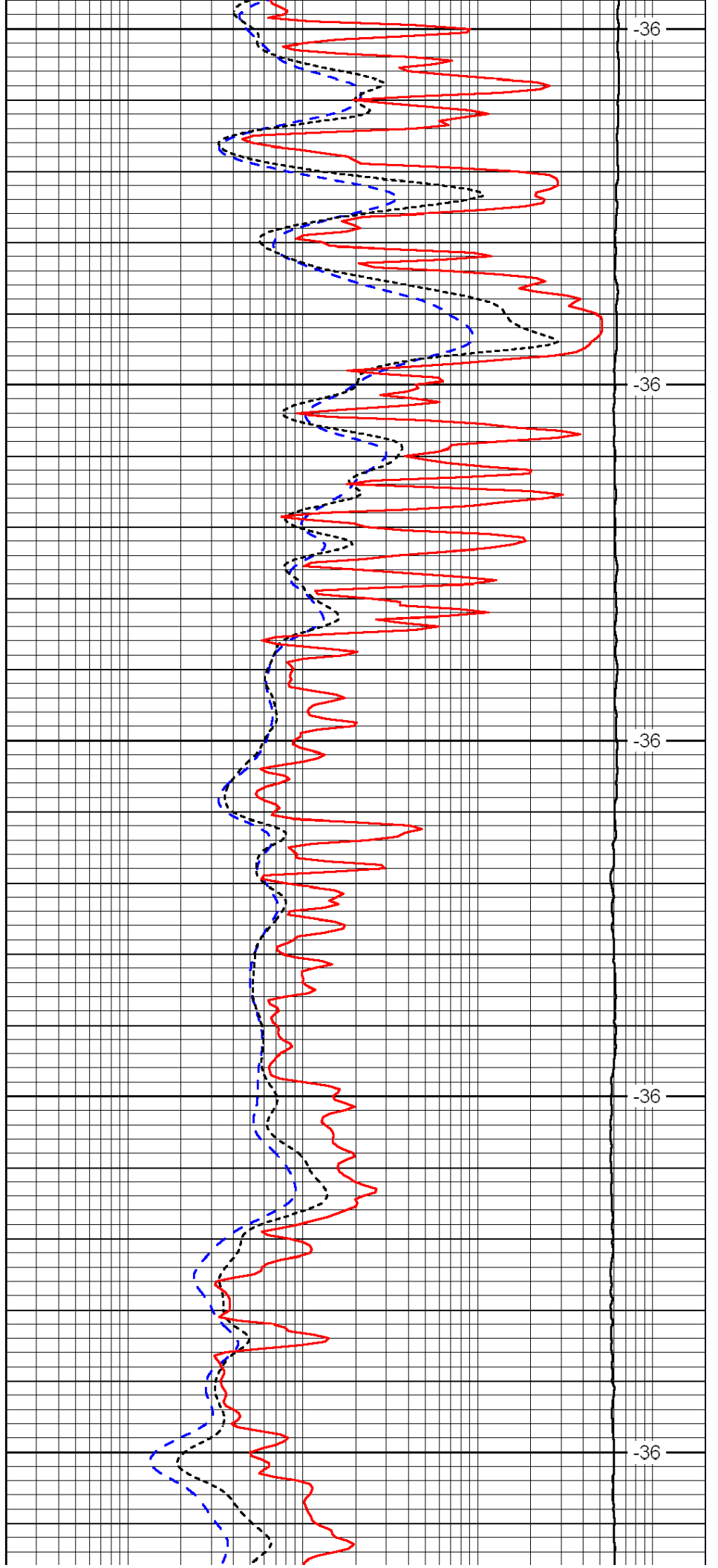
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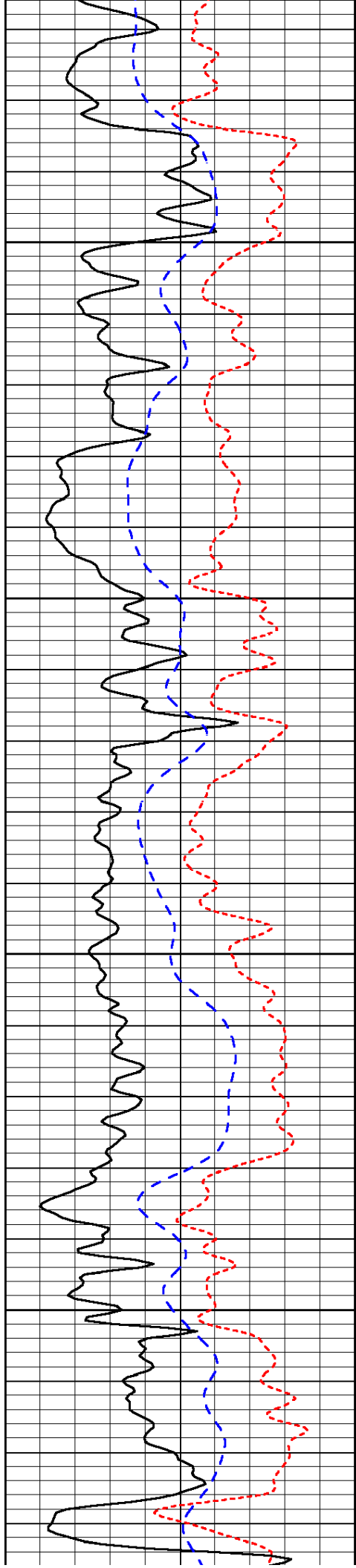
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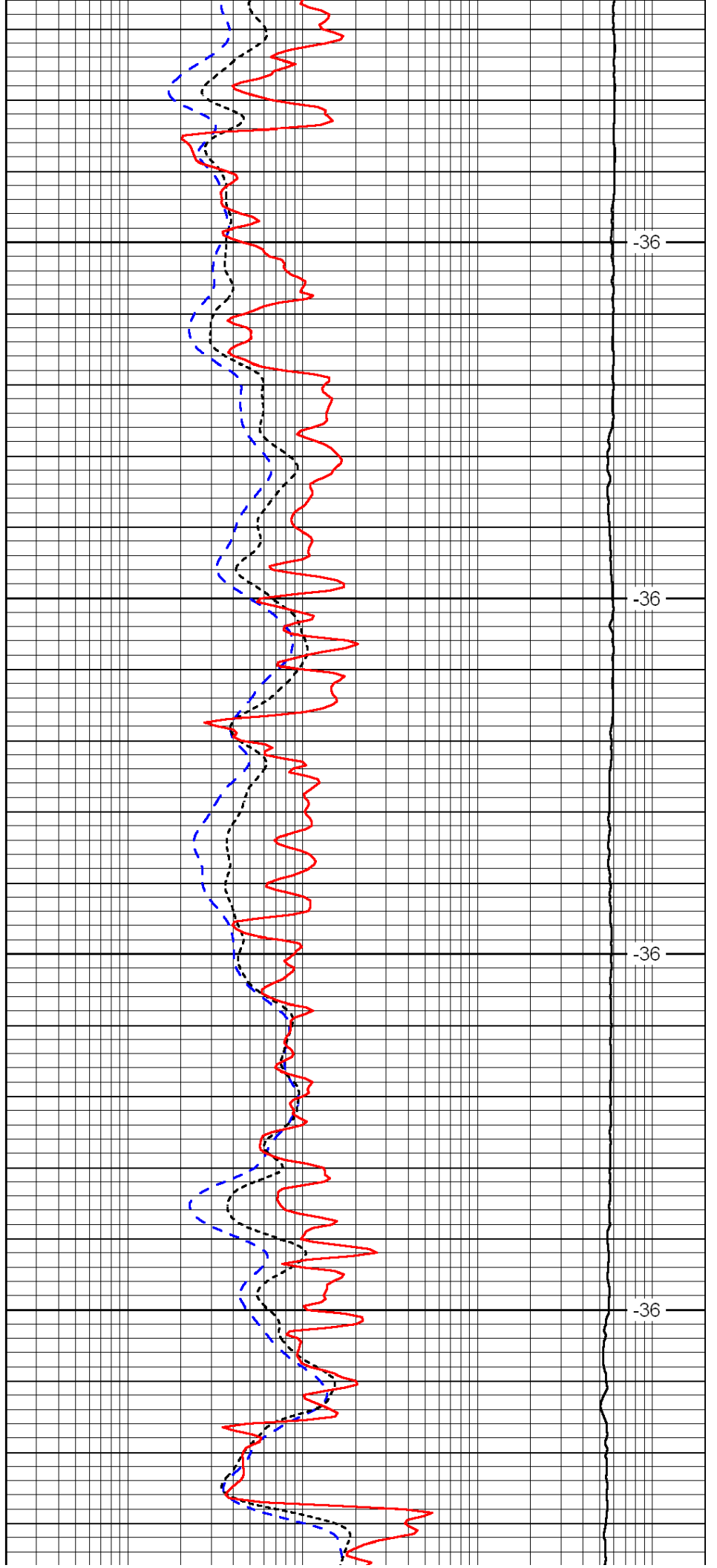


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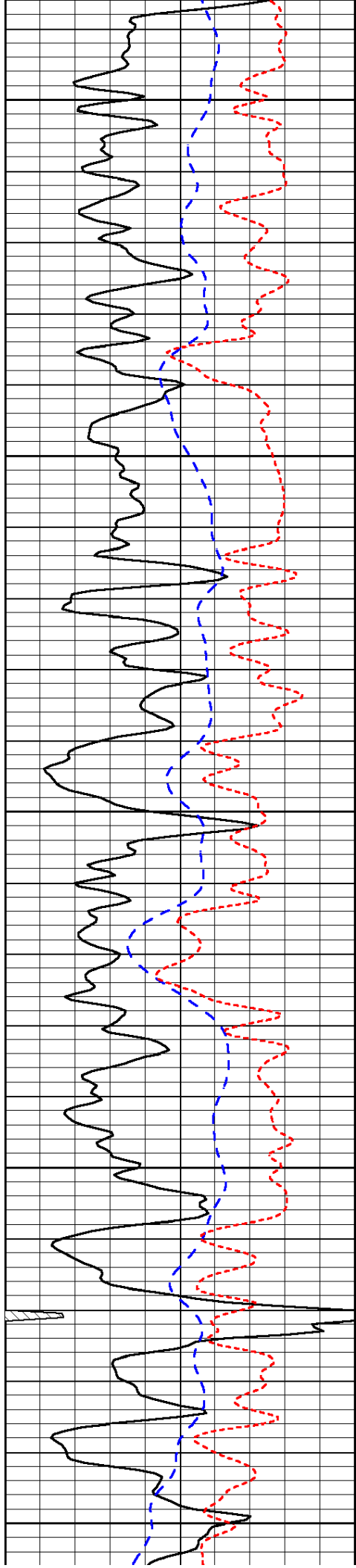


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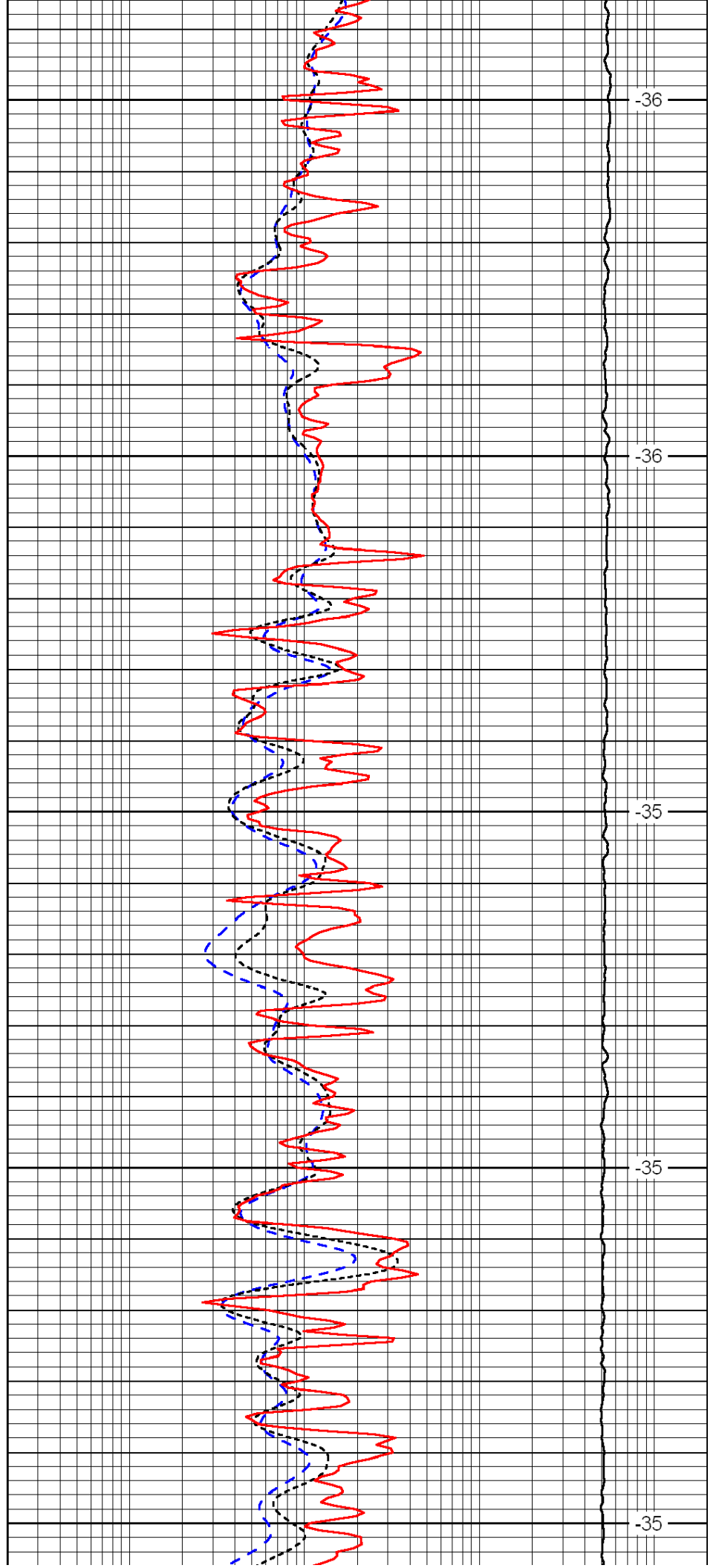
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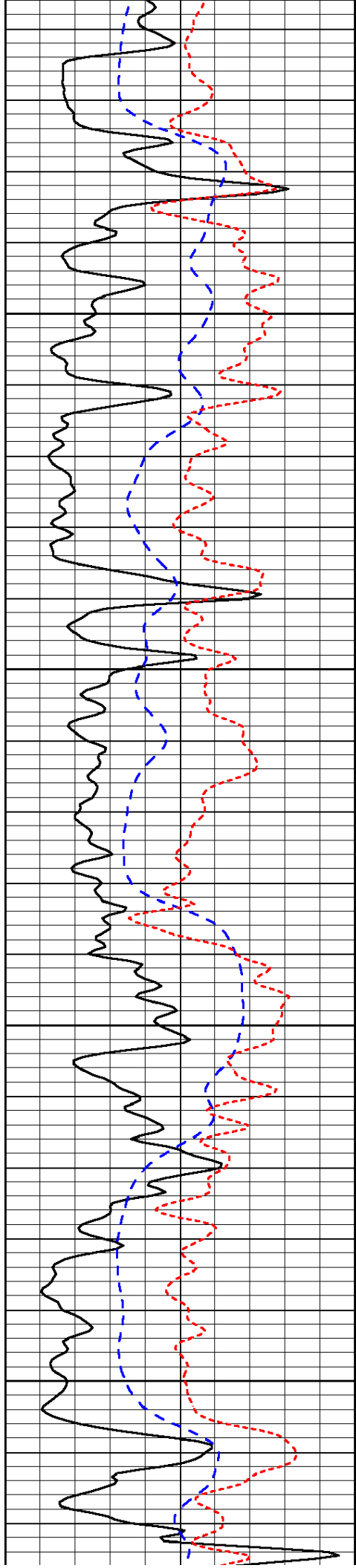
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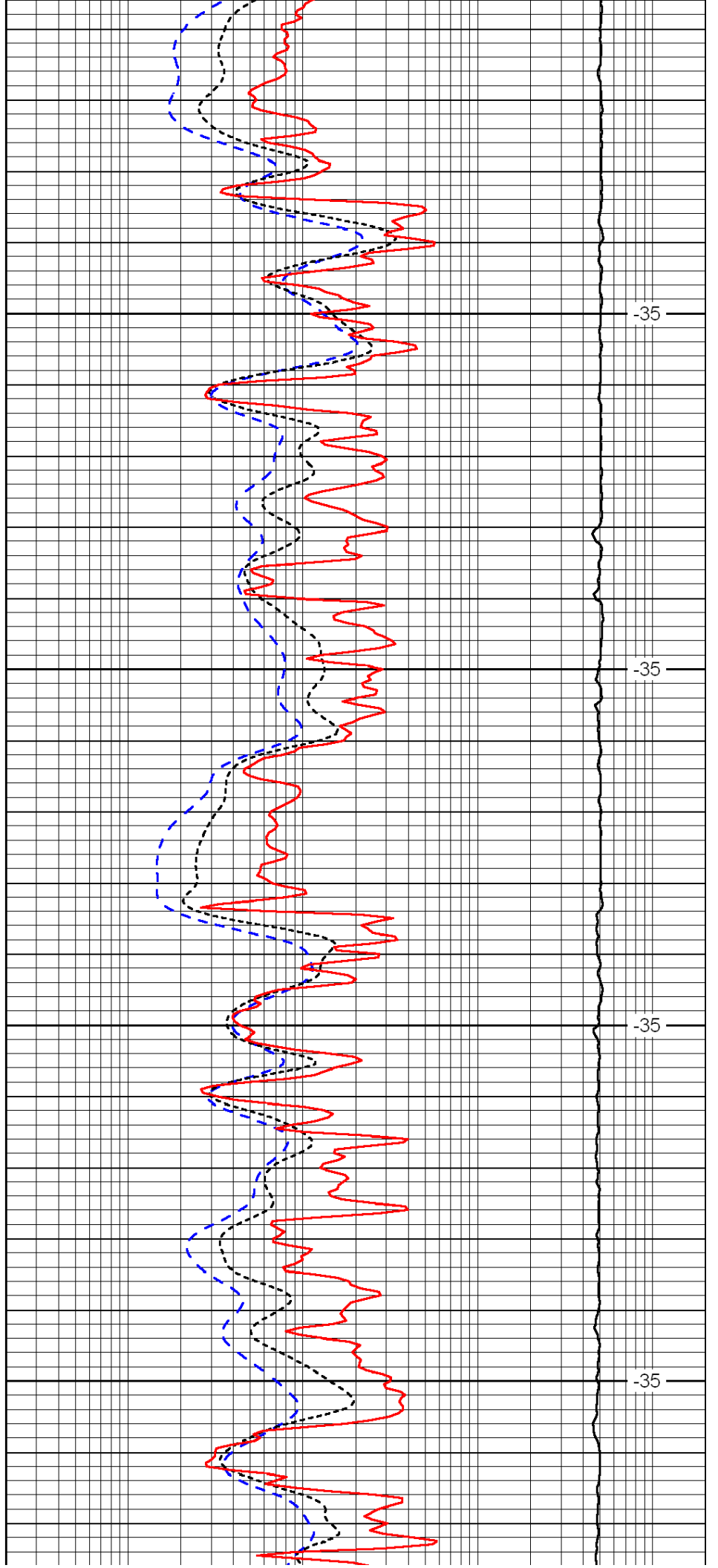


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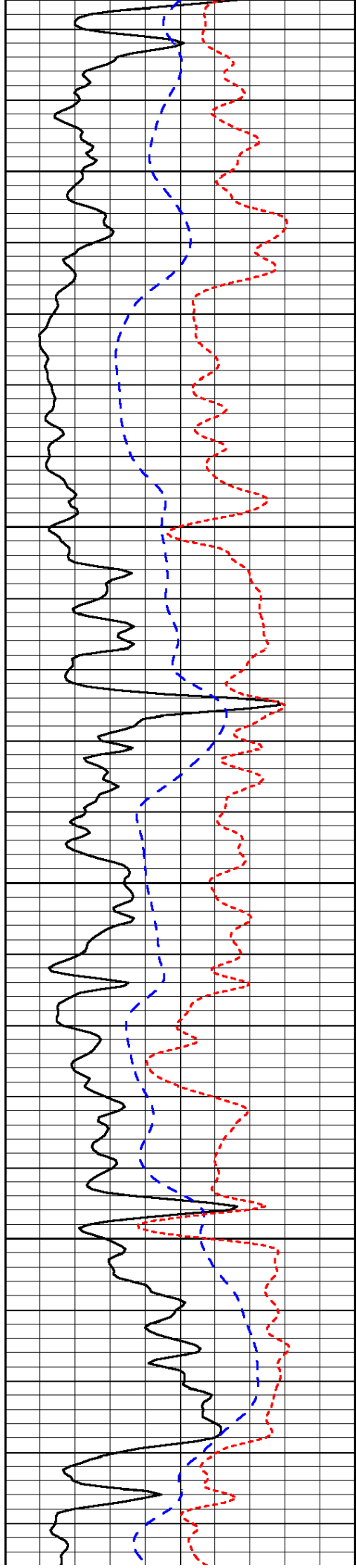


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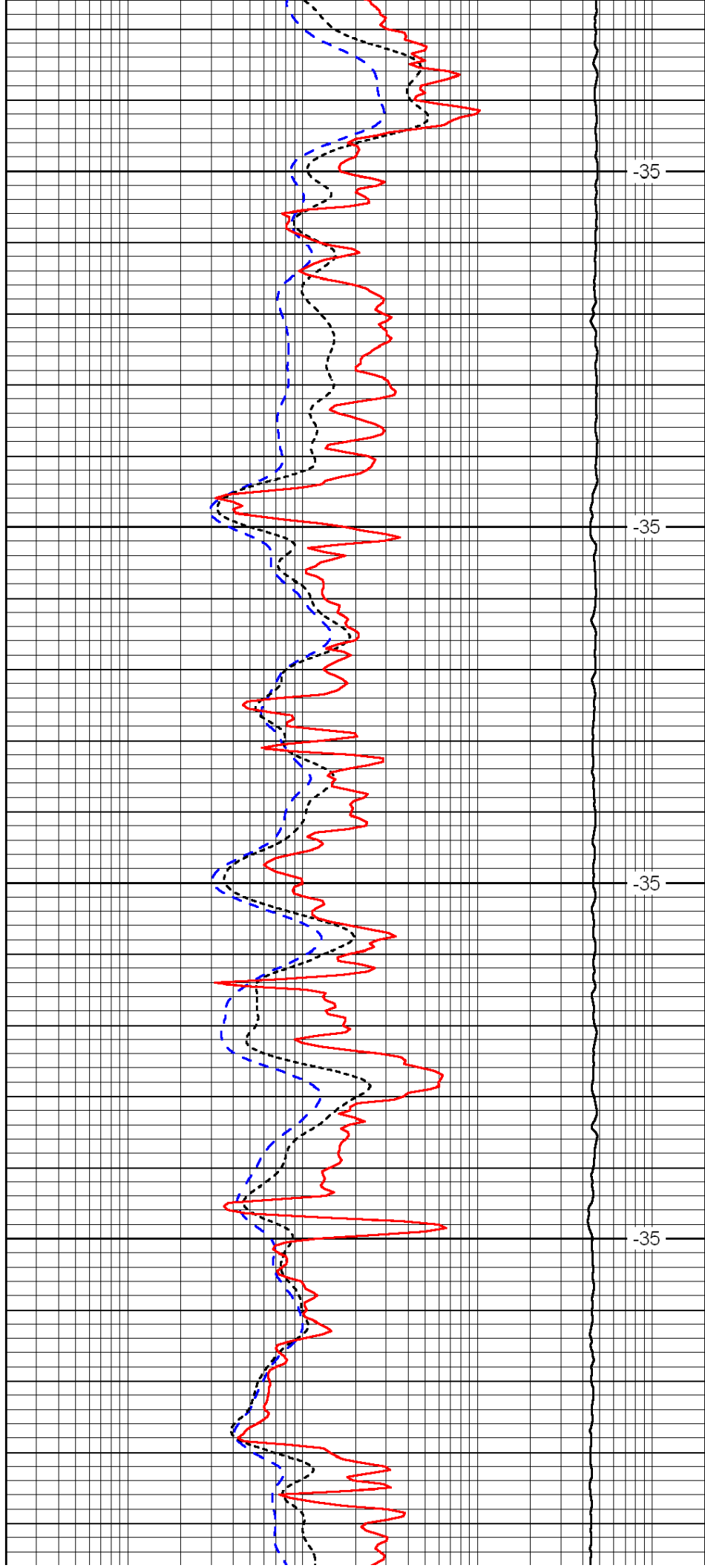


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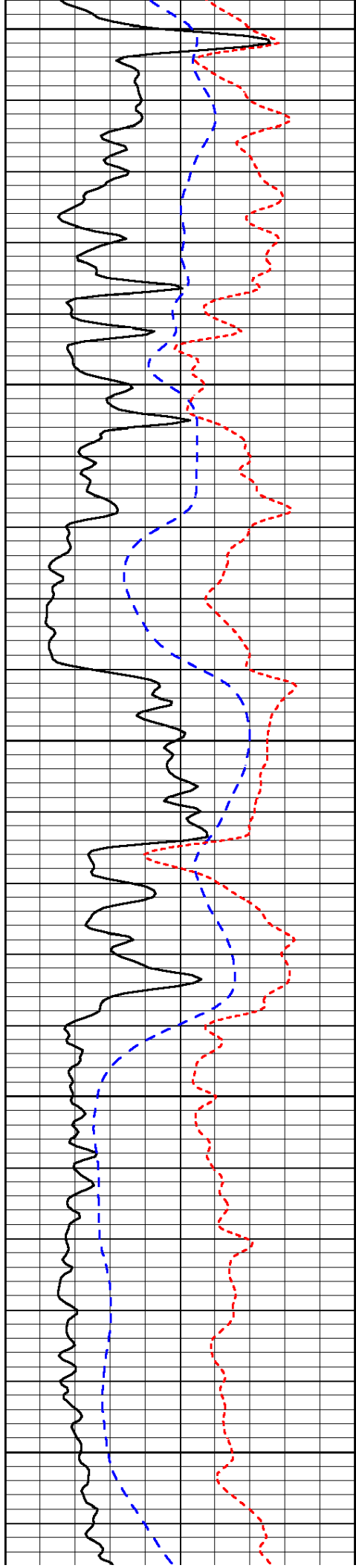


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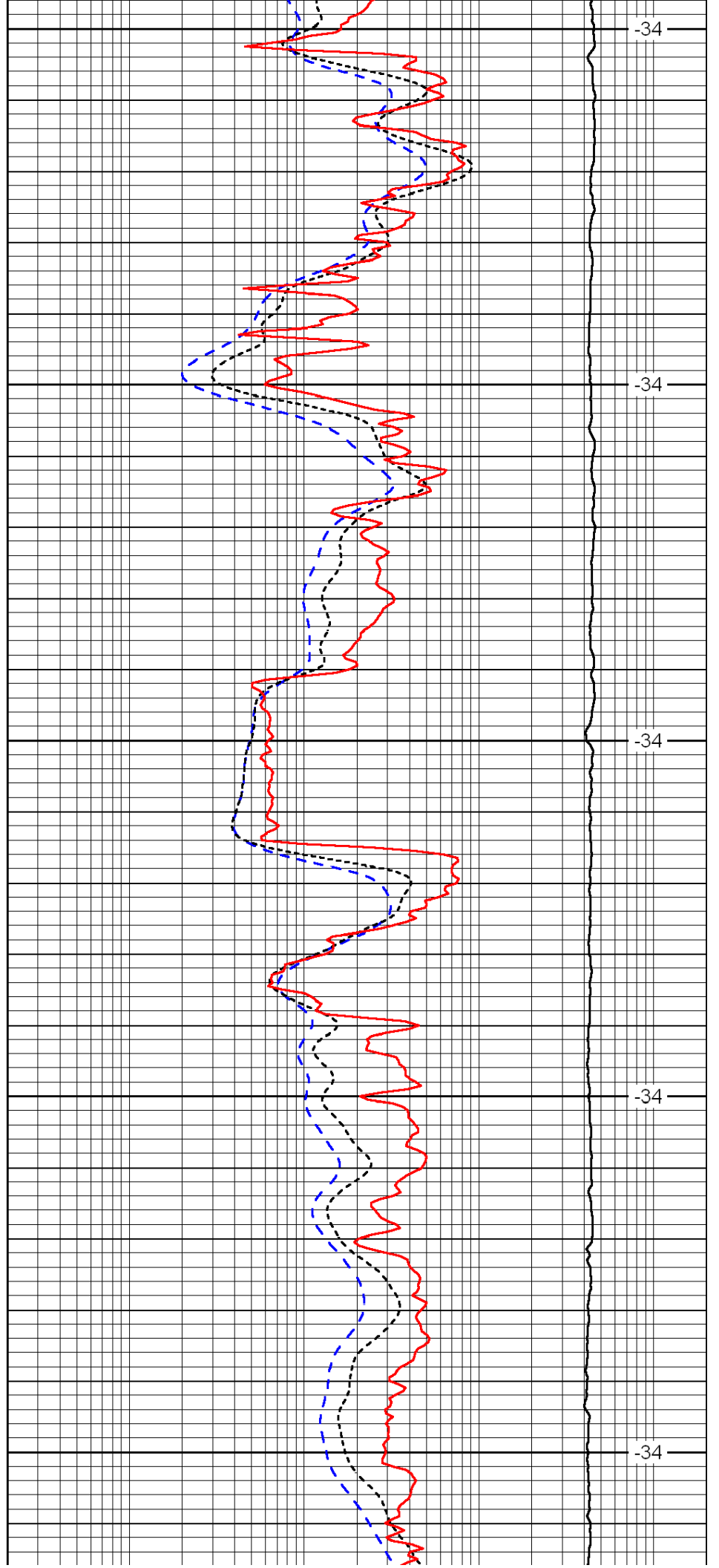
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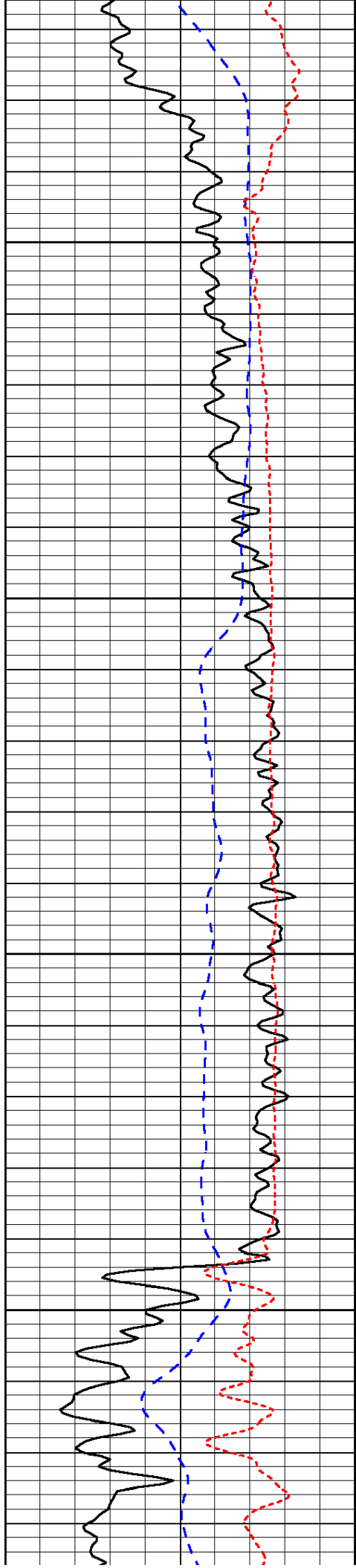
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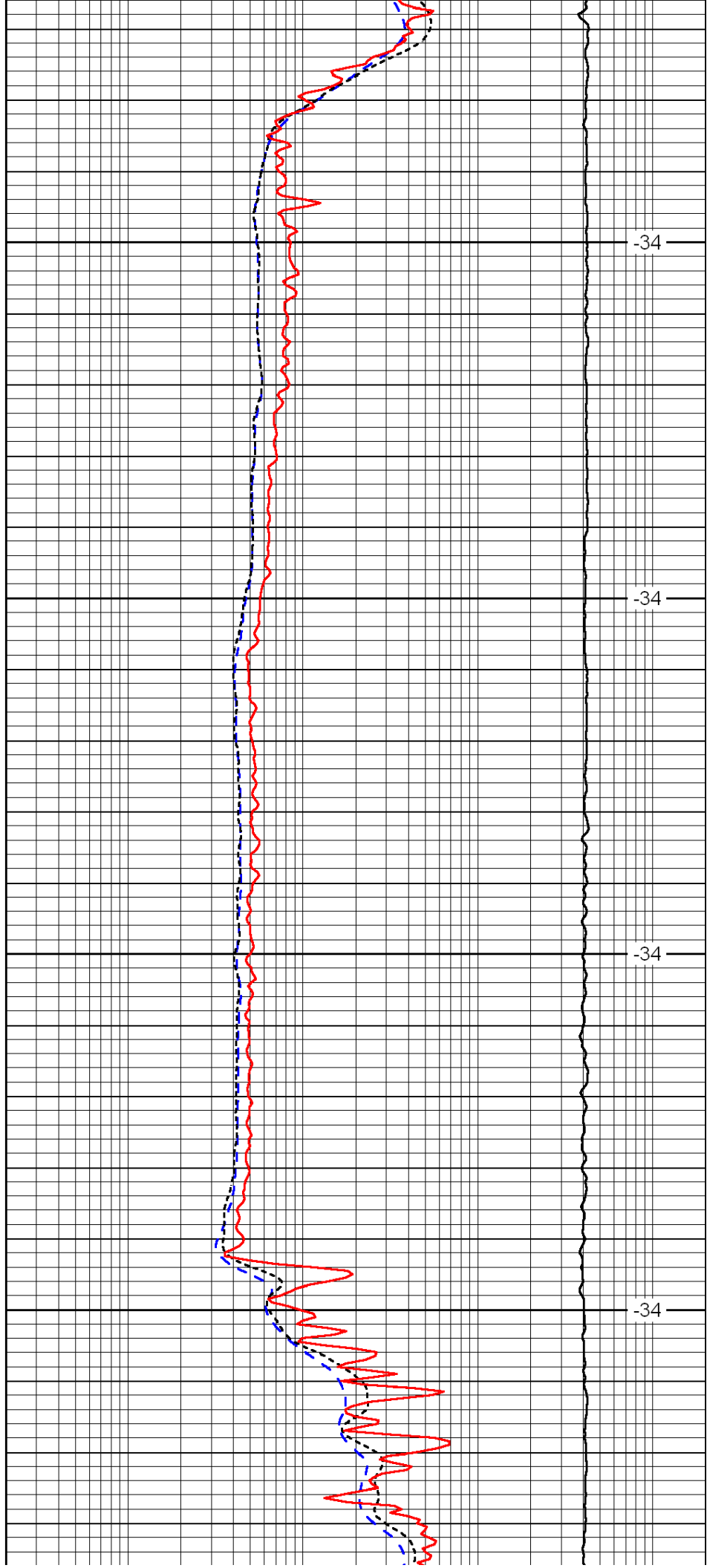


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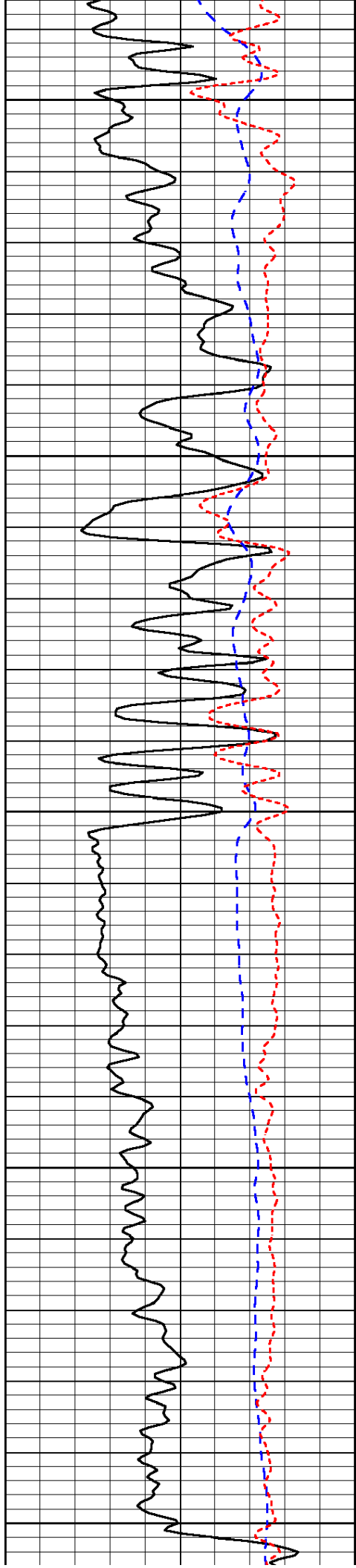


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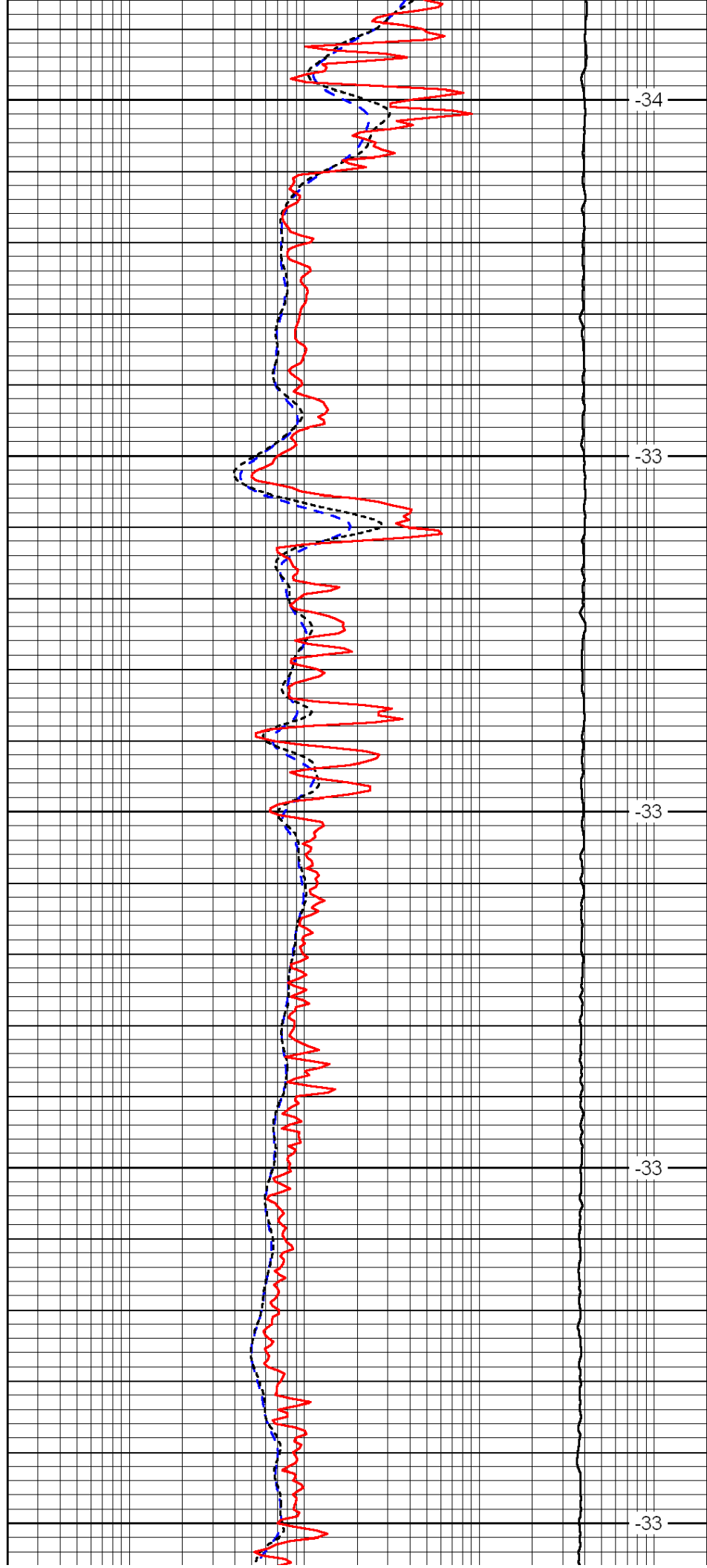
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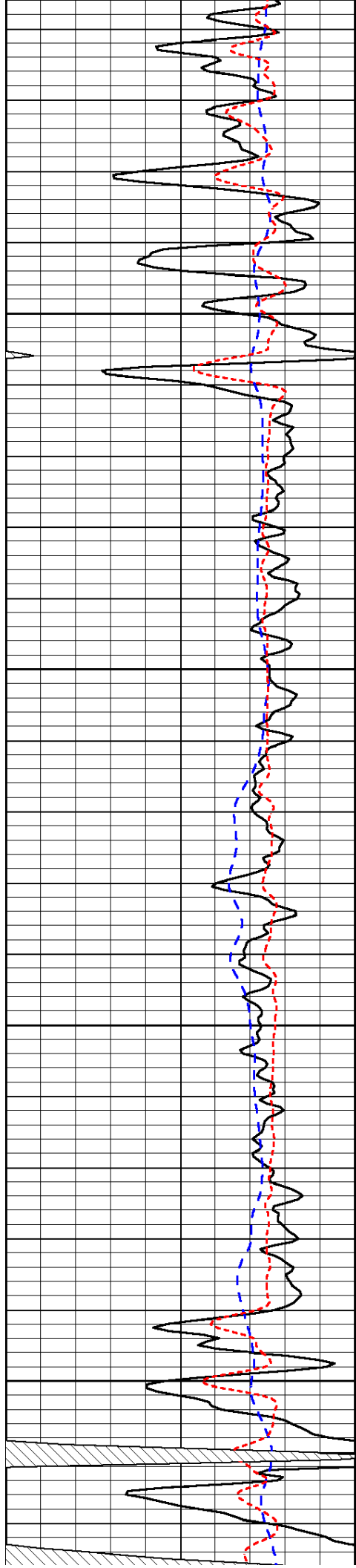
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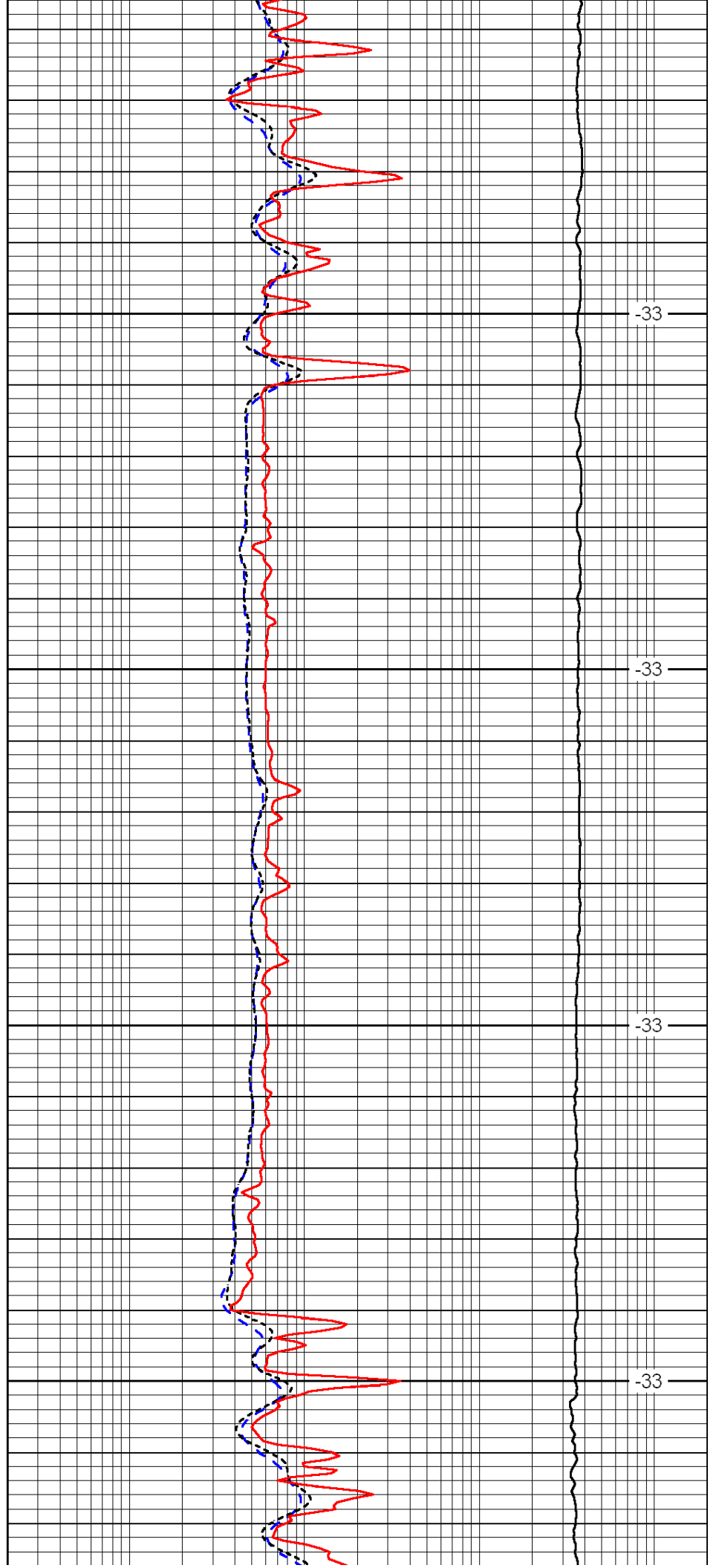


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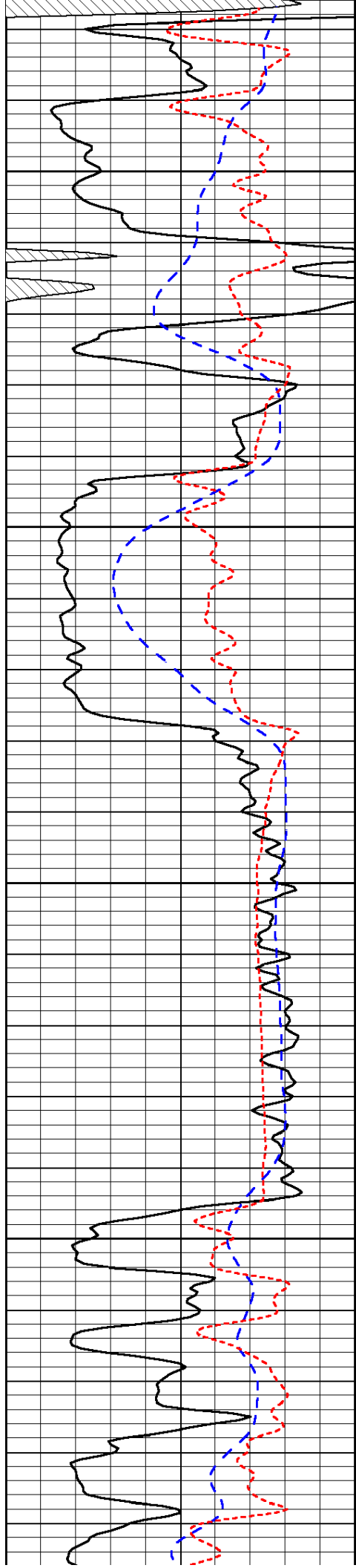


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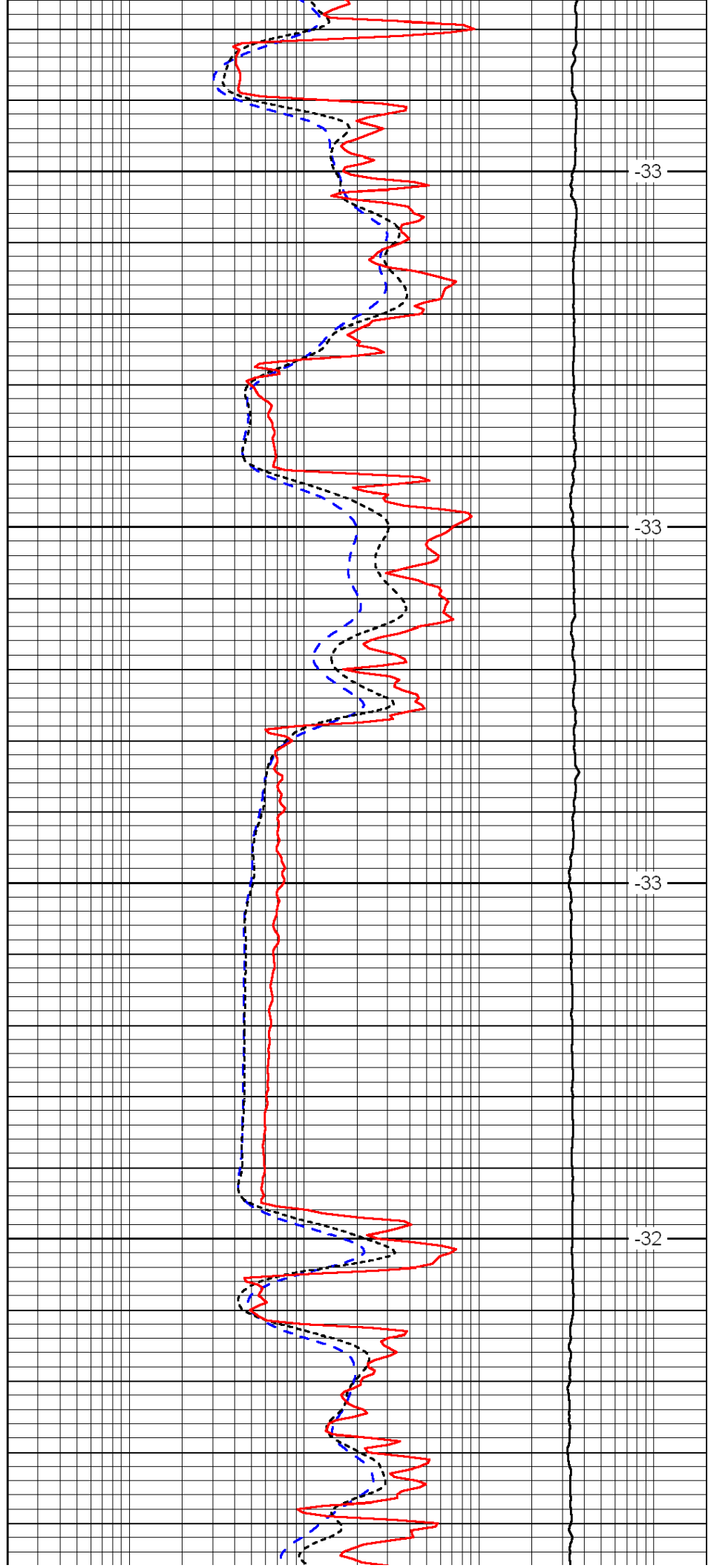


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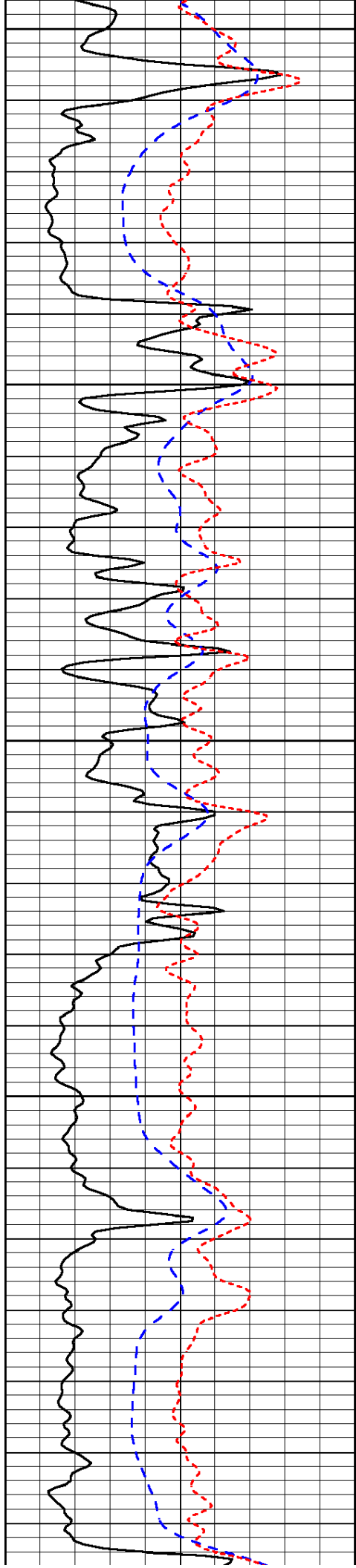


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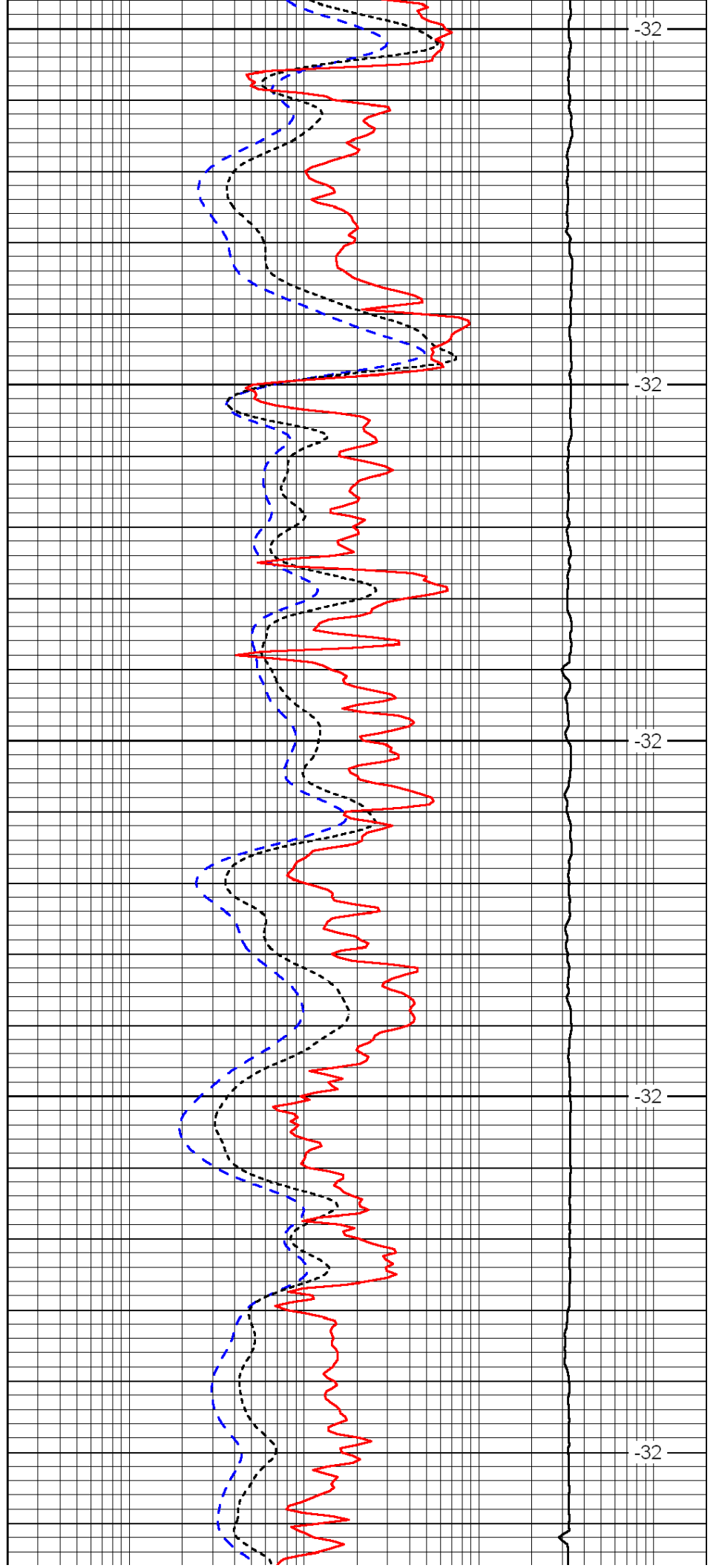
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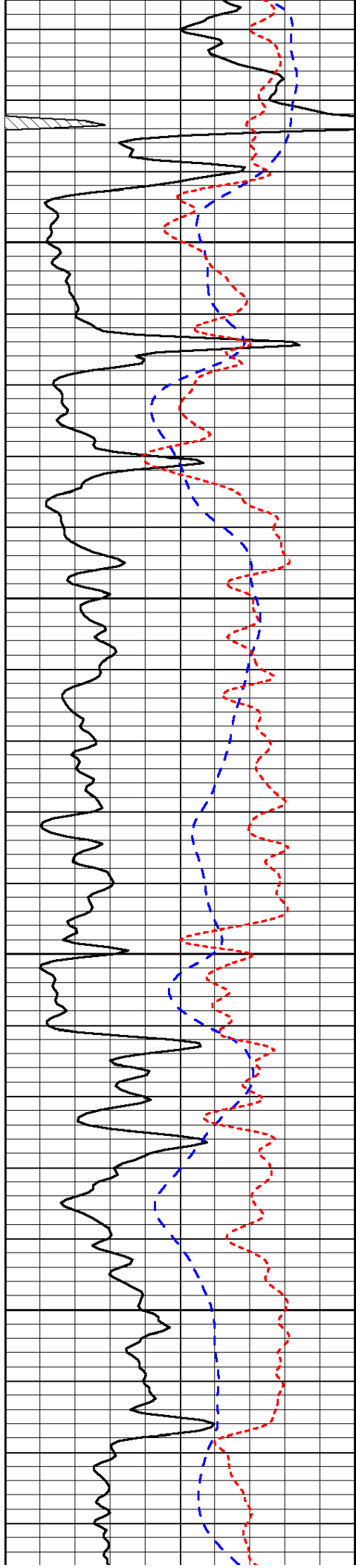
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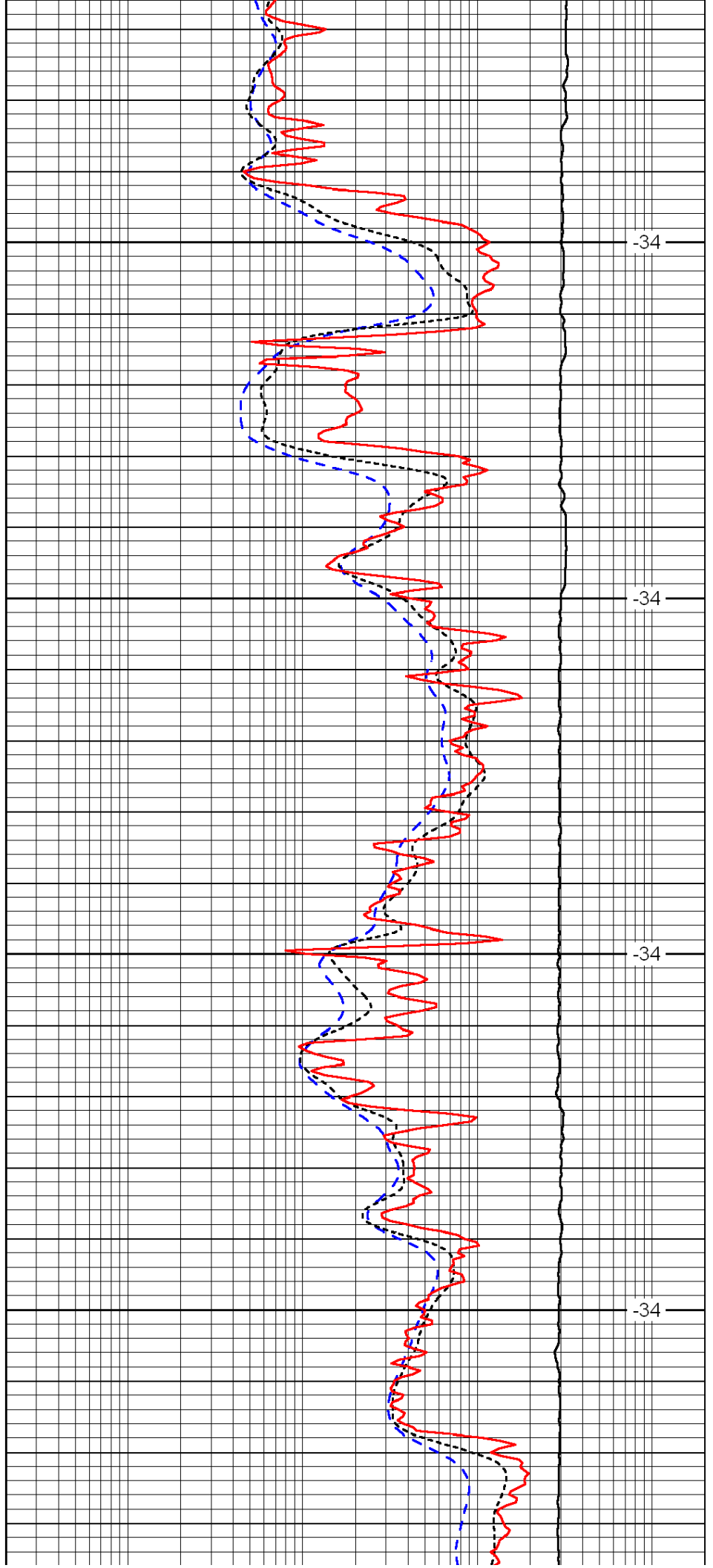


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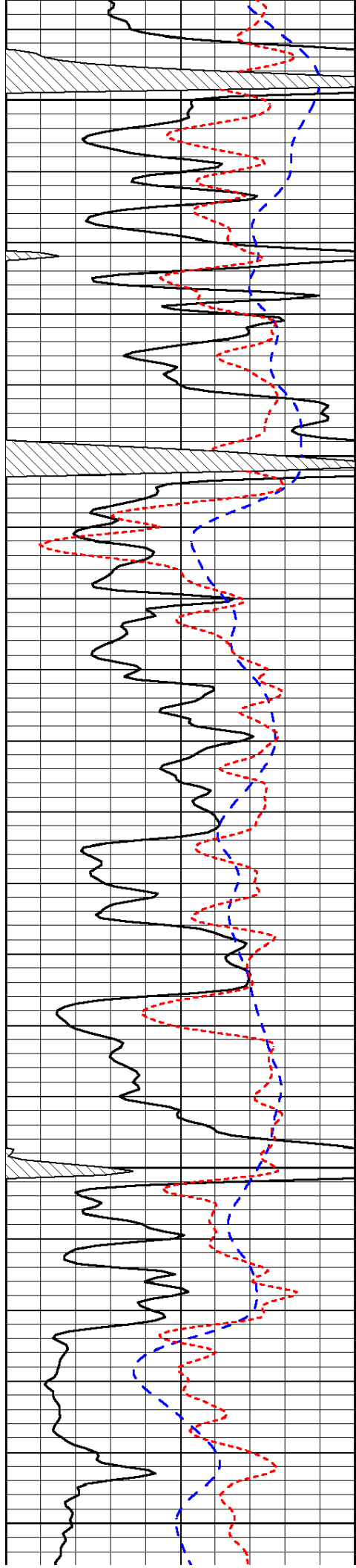


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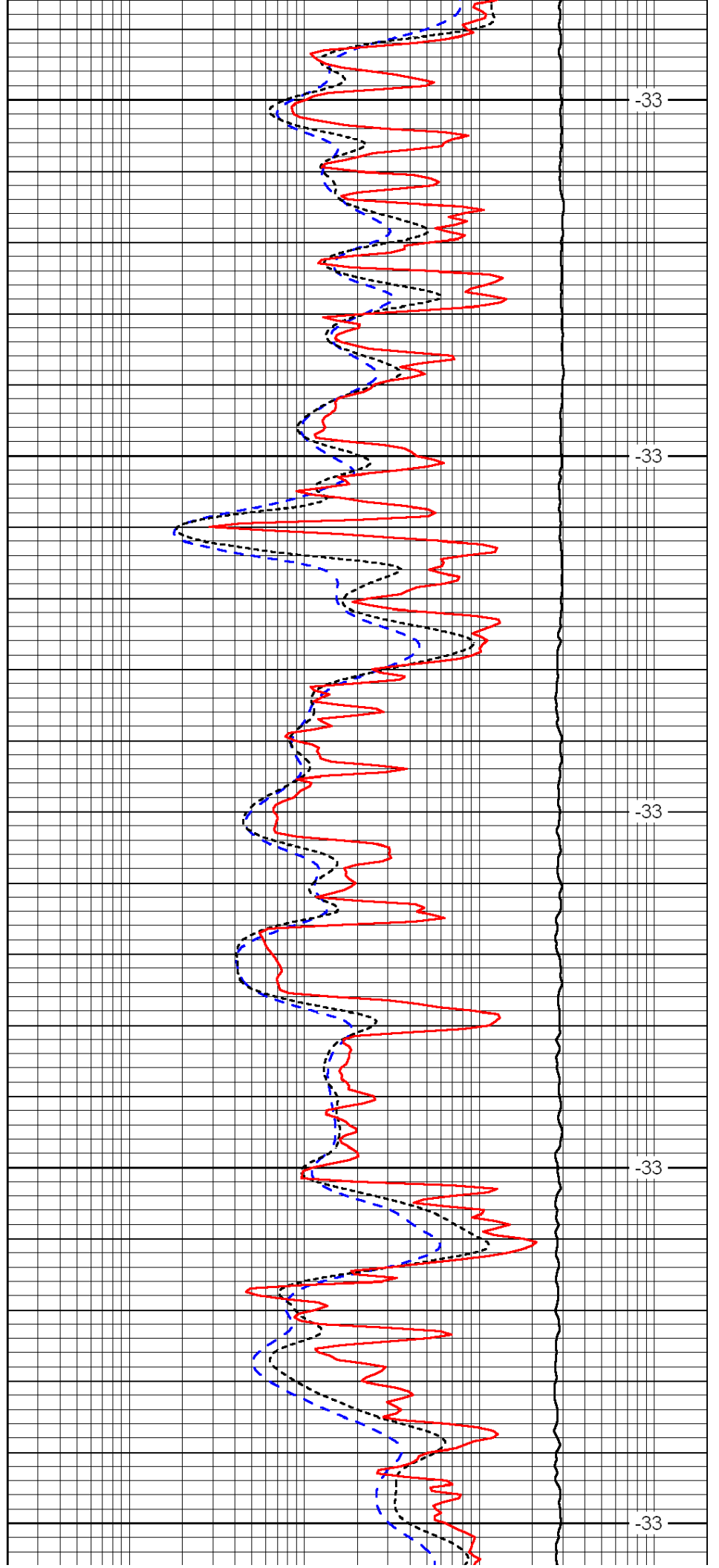
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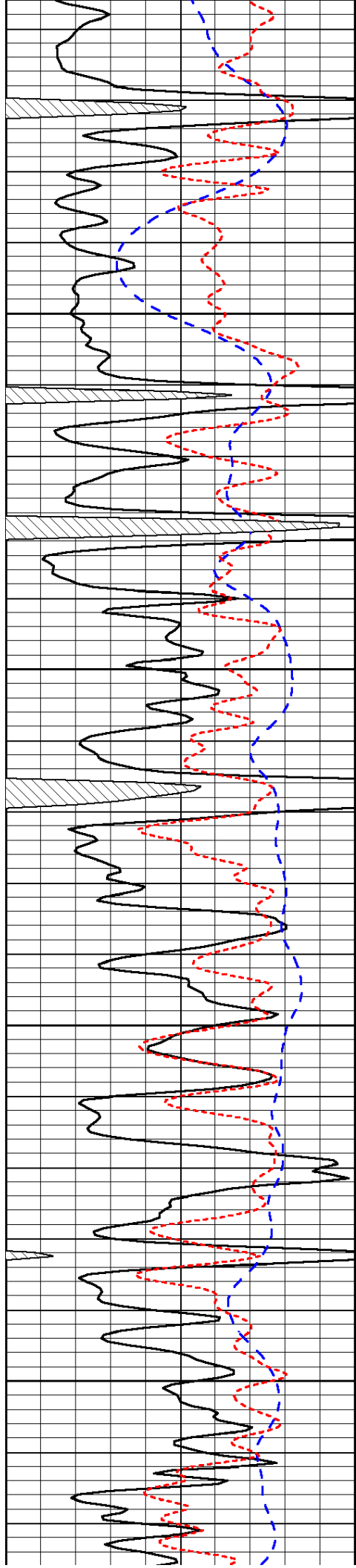
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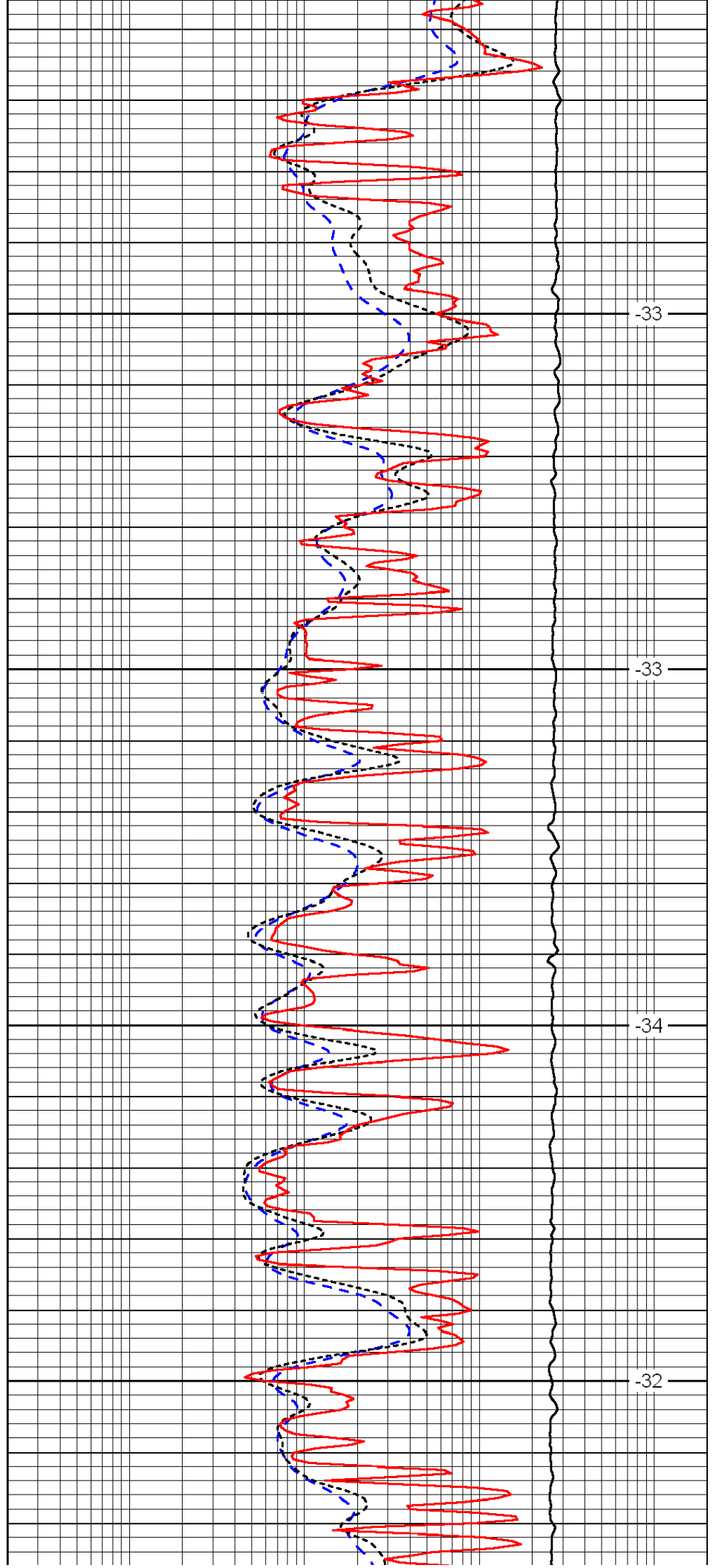


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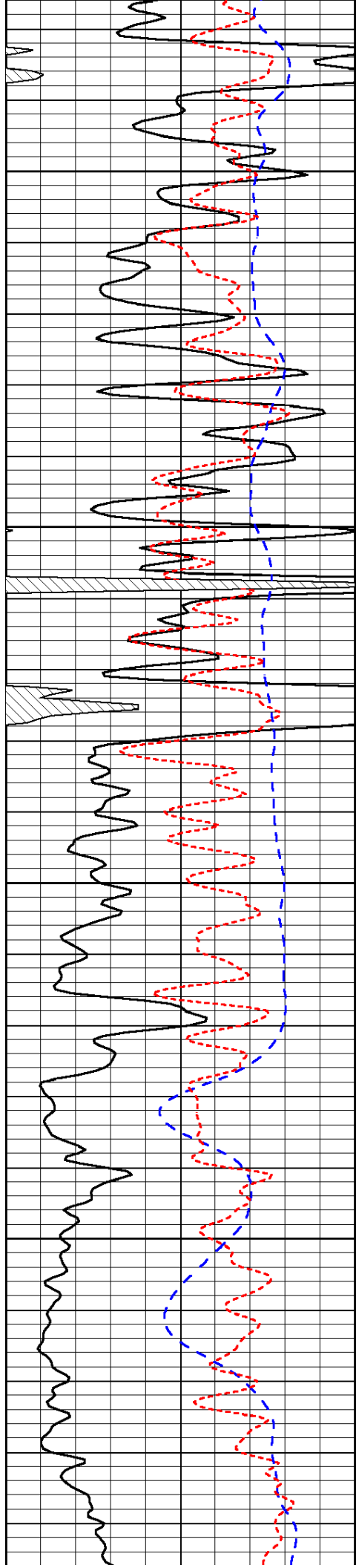


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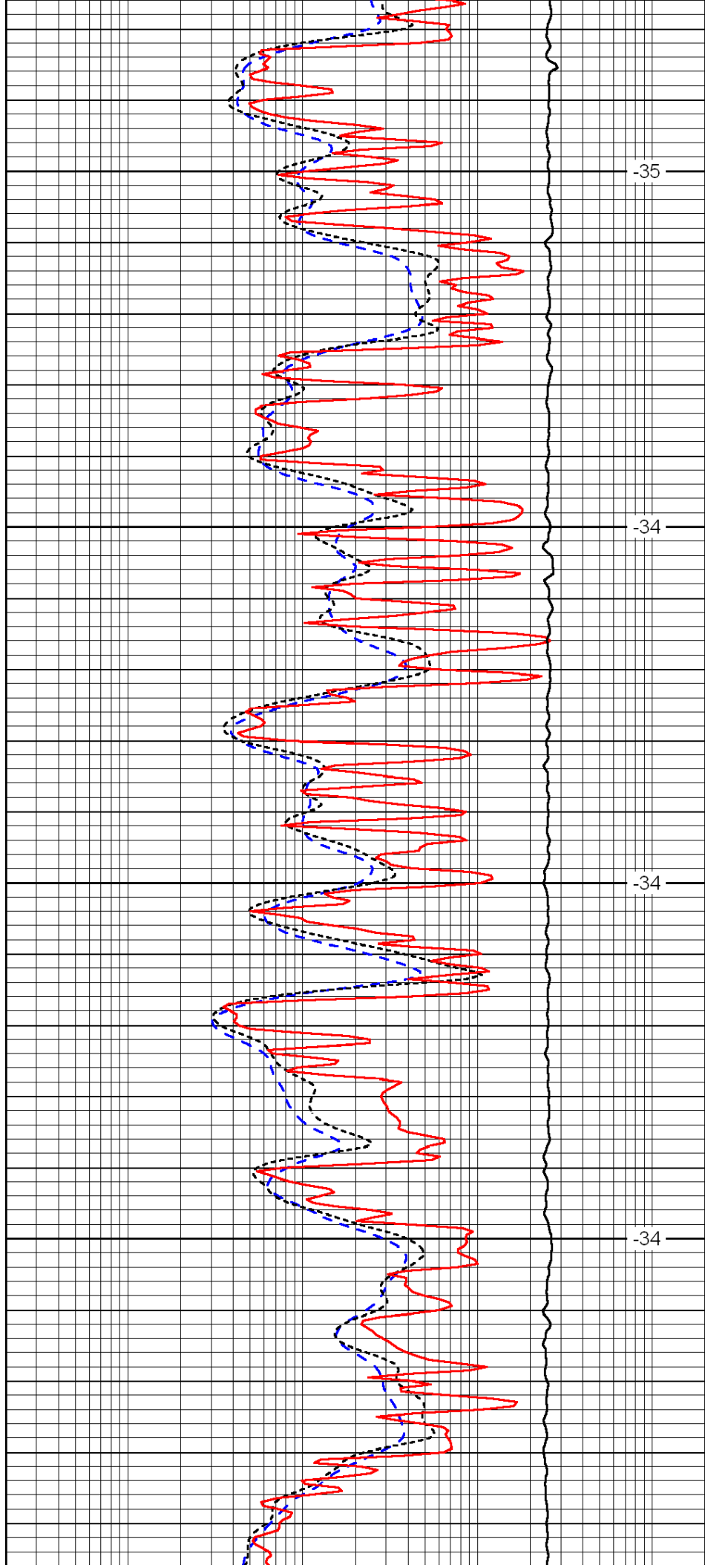


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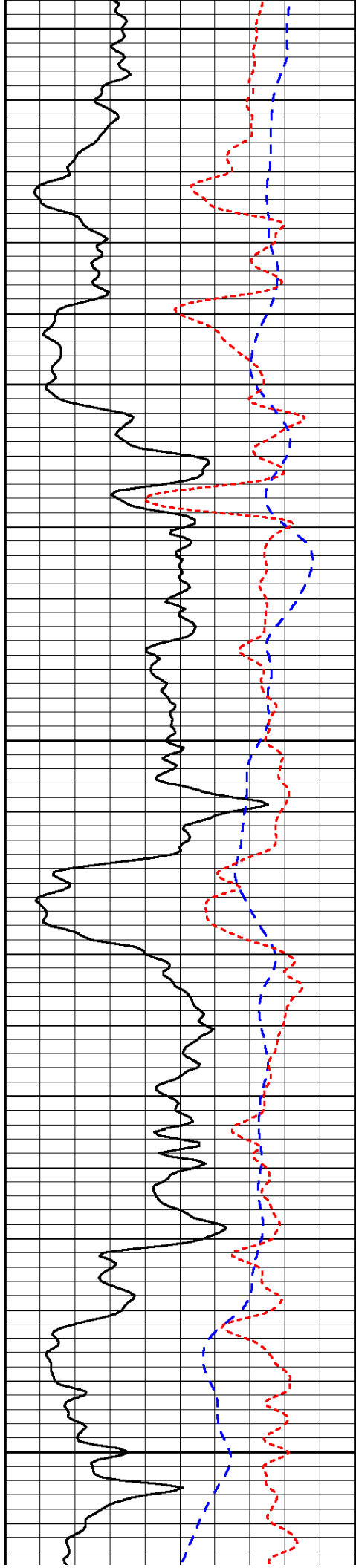


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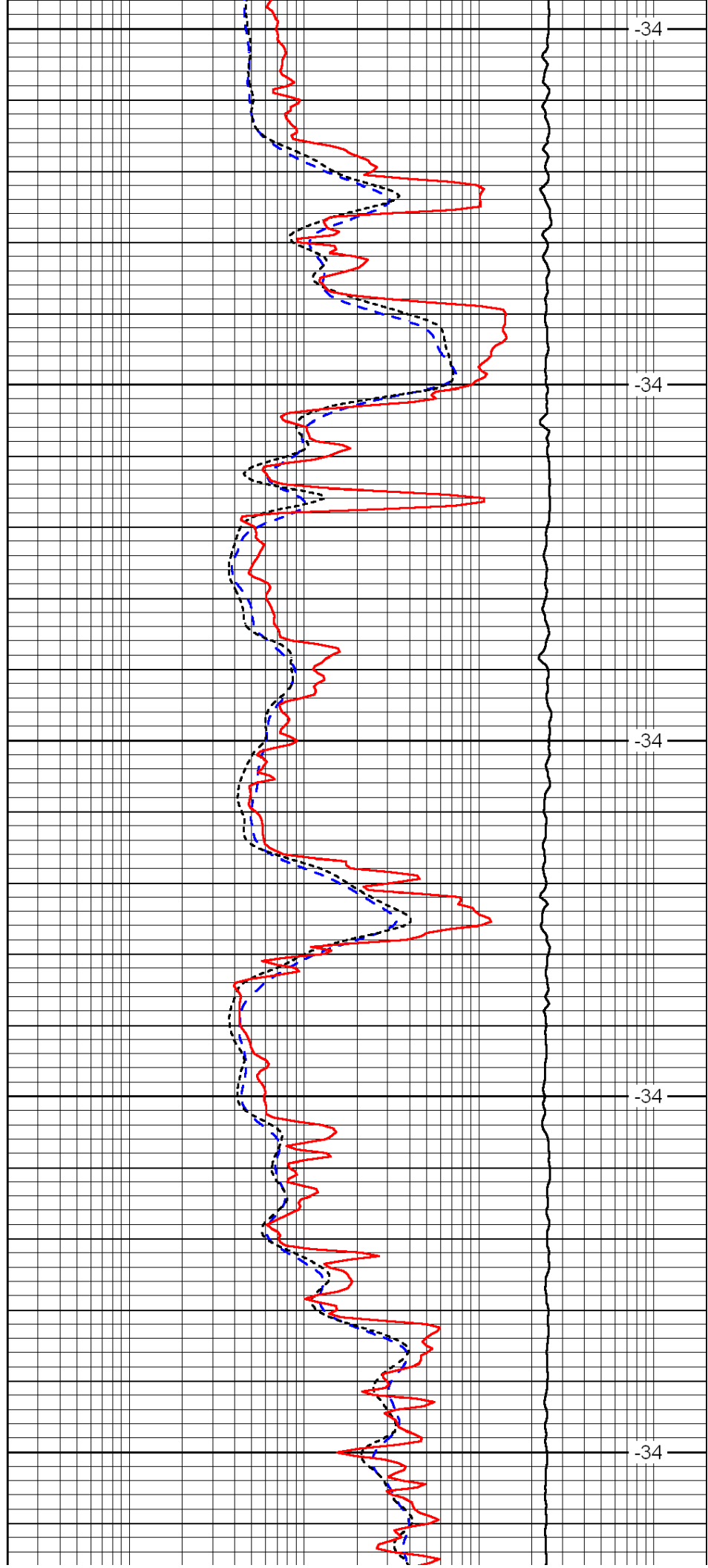
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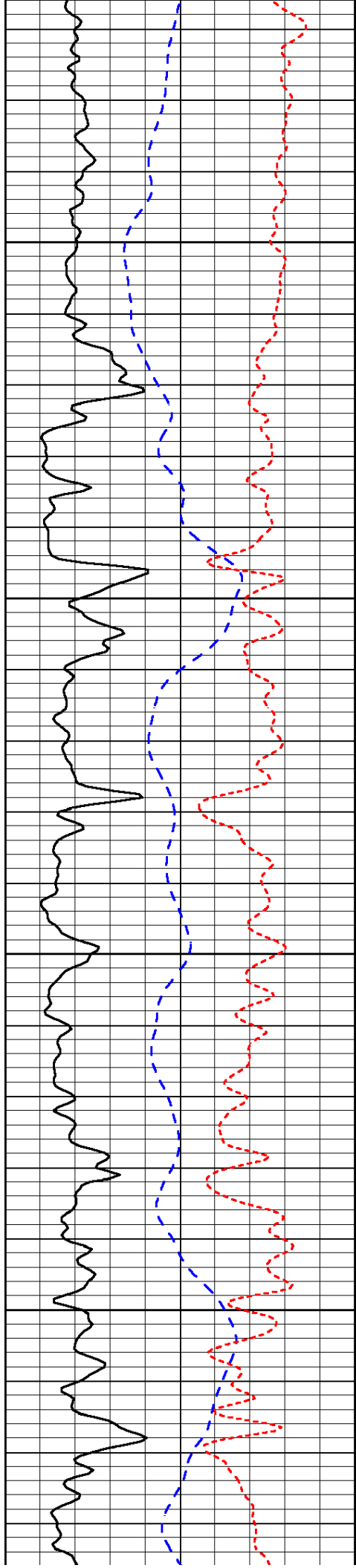
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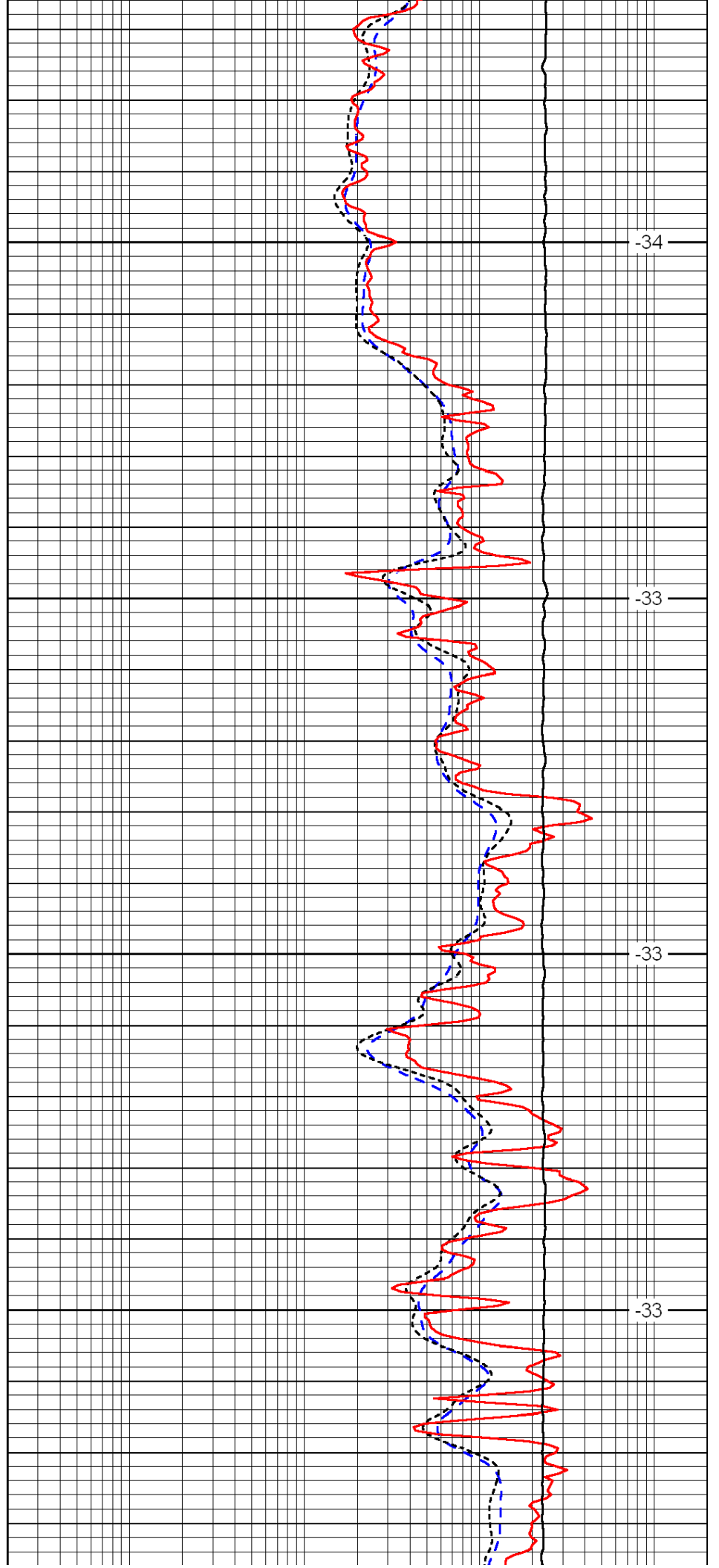


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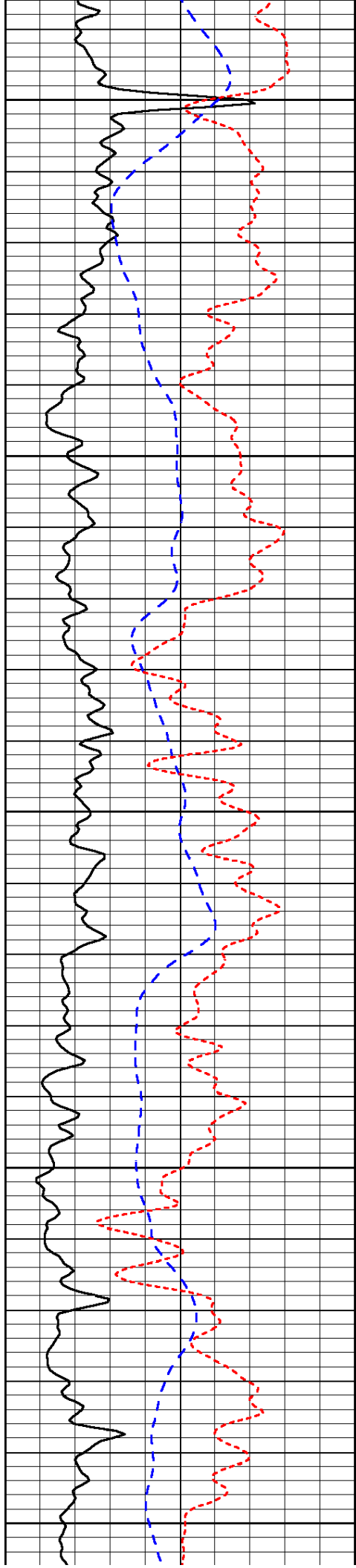


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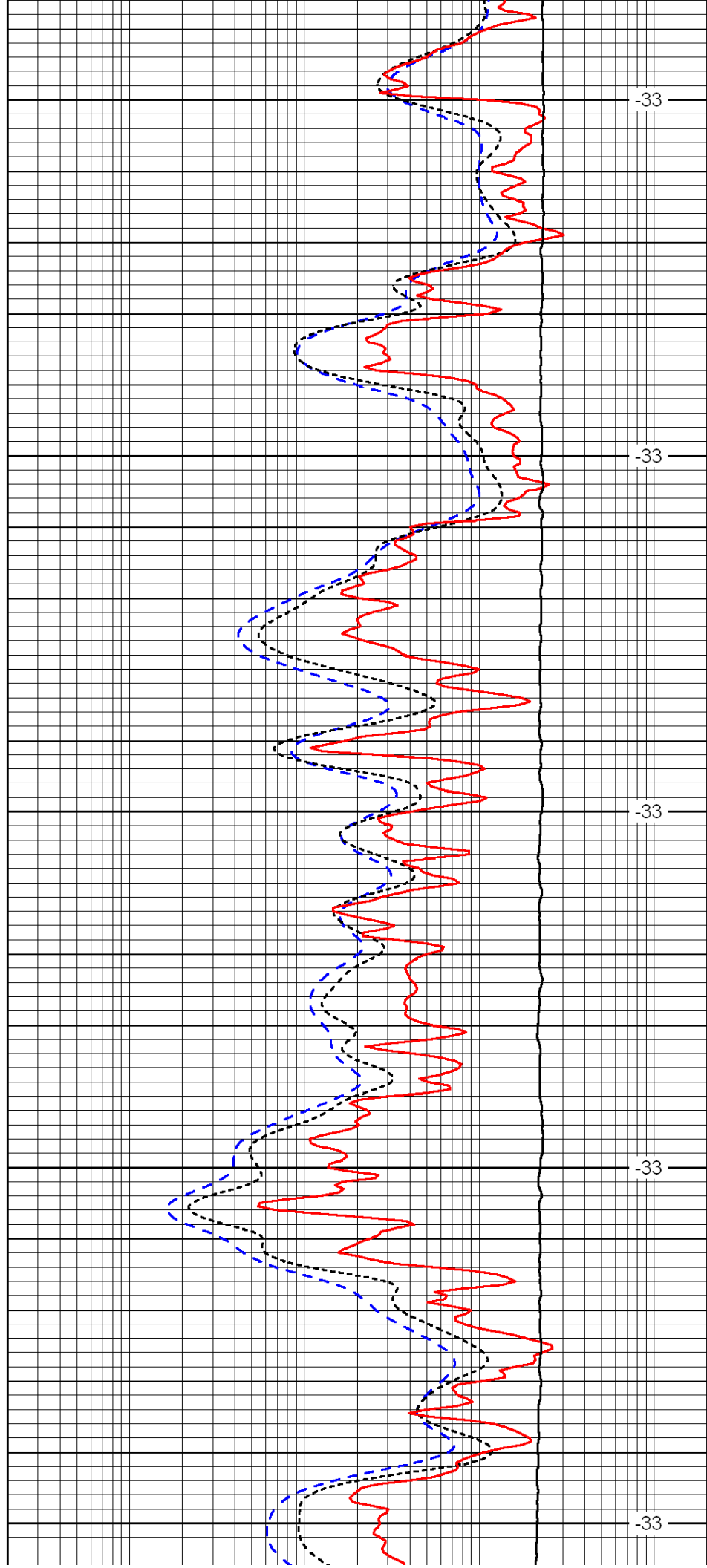
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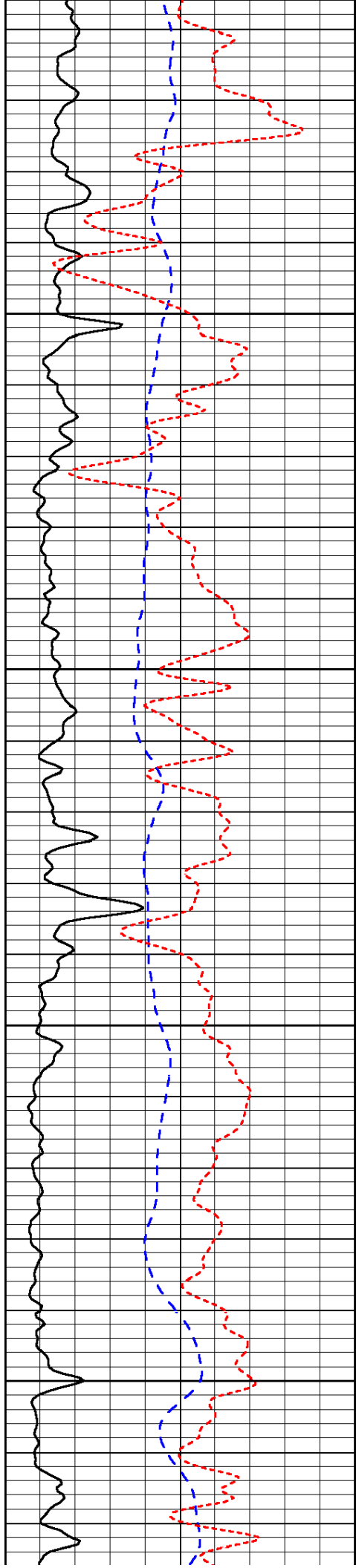
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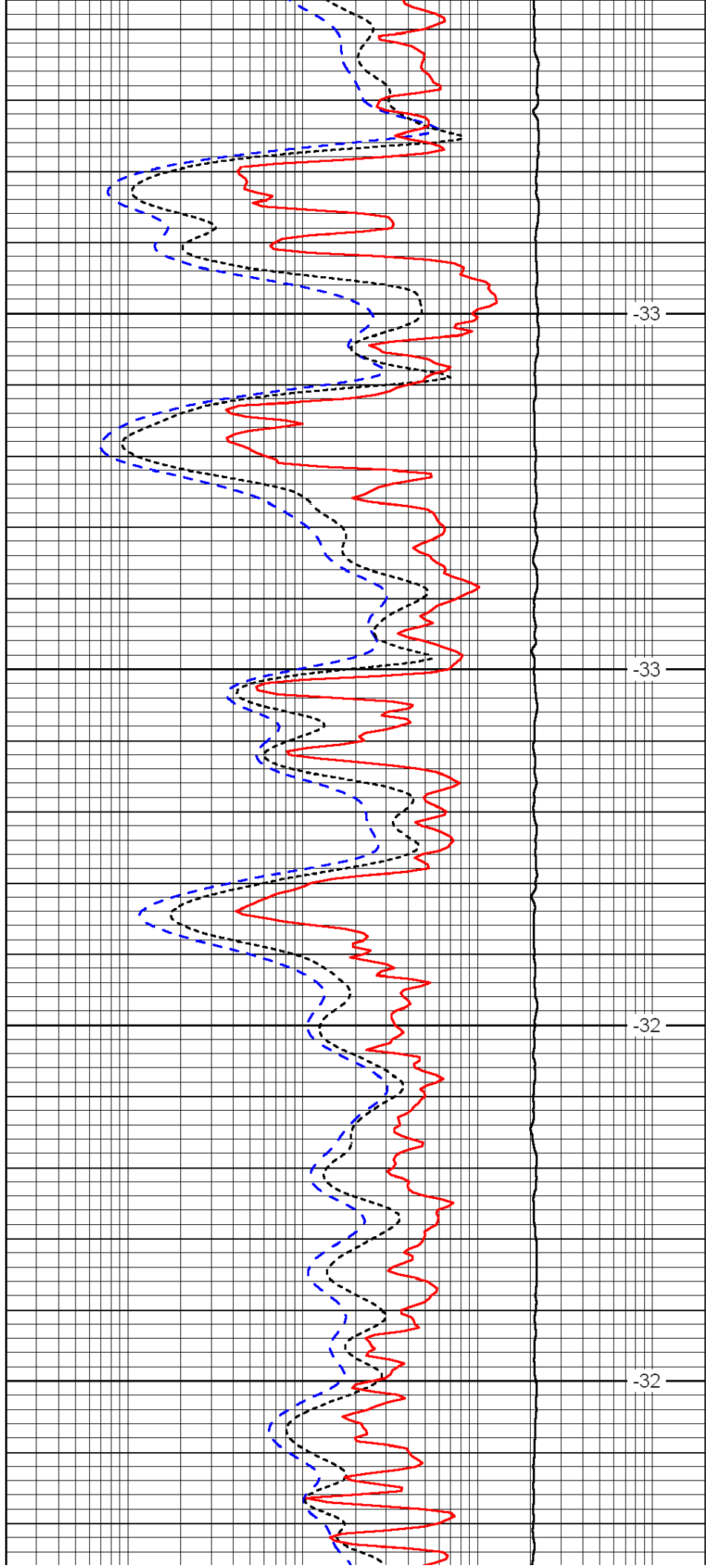


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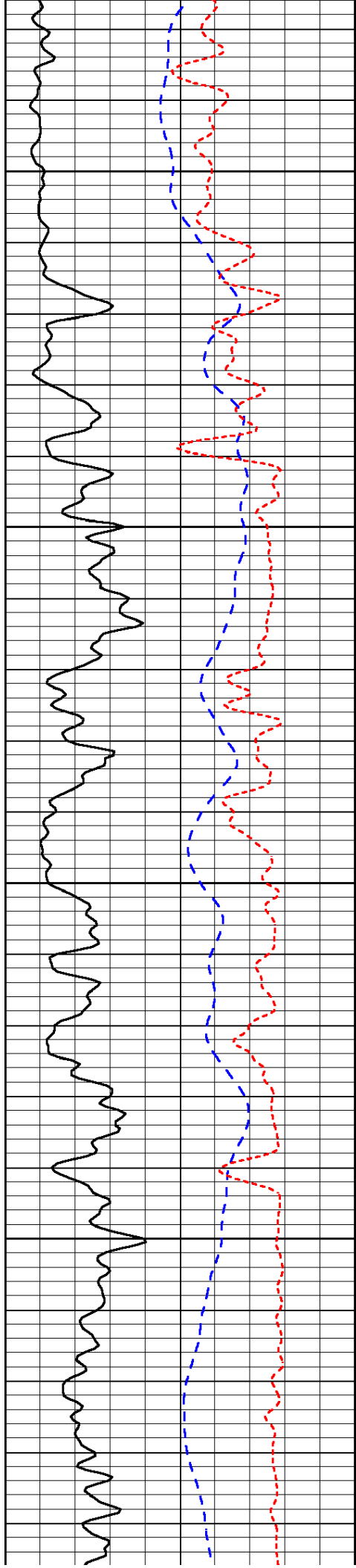


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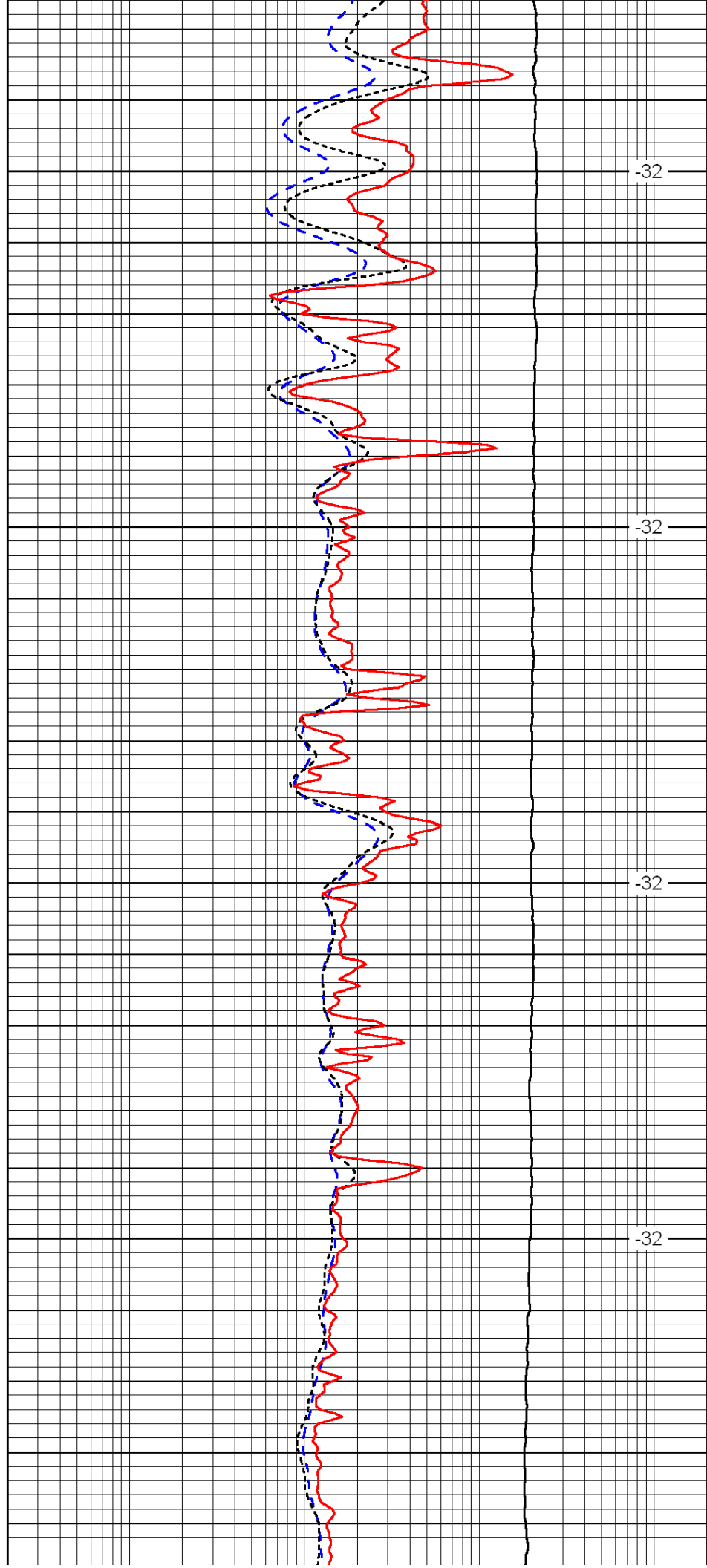


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6600

6650

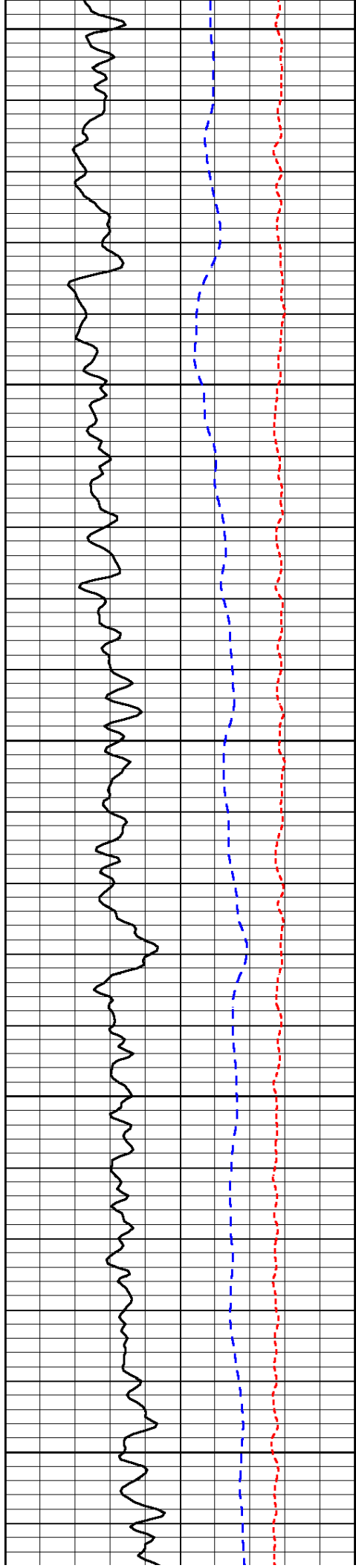


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-32

-32

-32



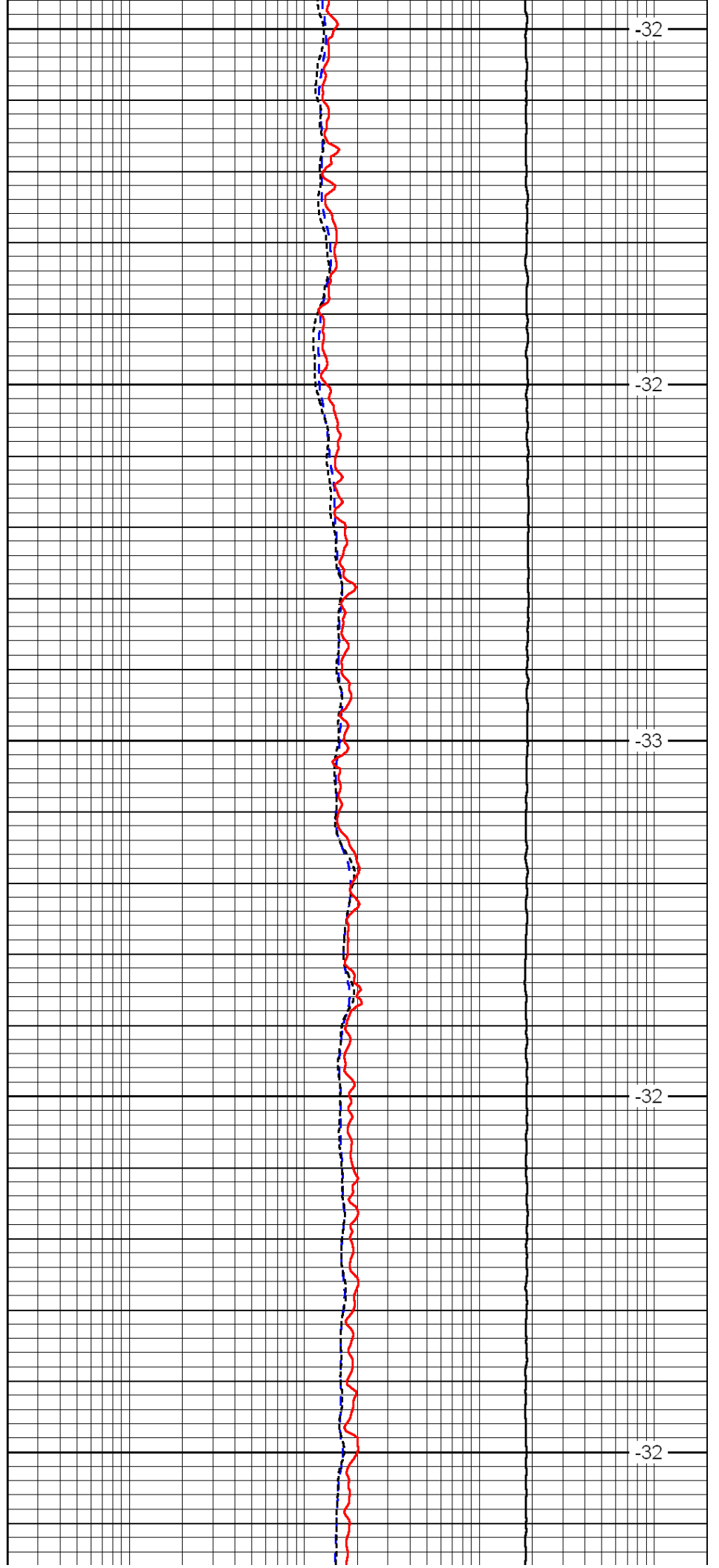
6700

6750

6800

6850

6900



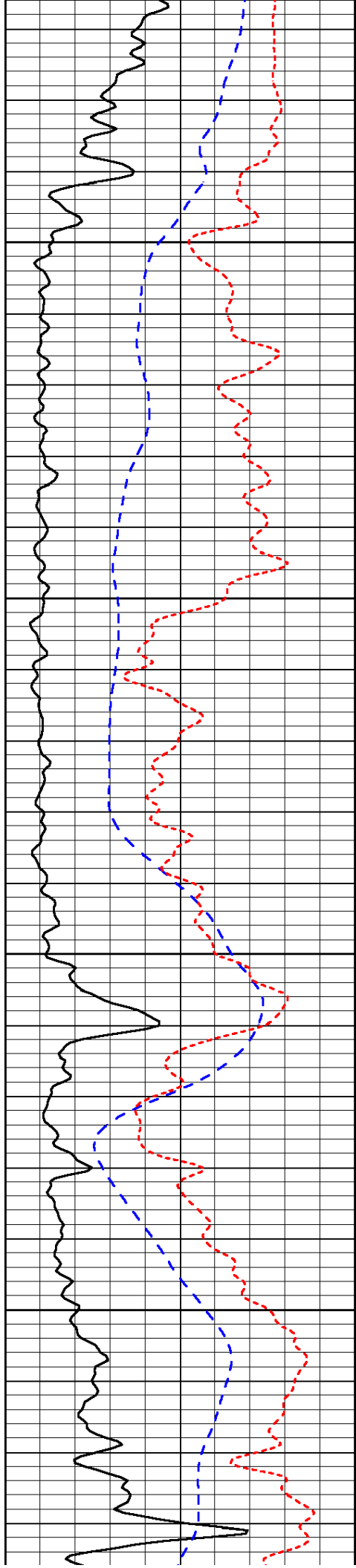
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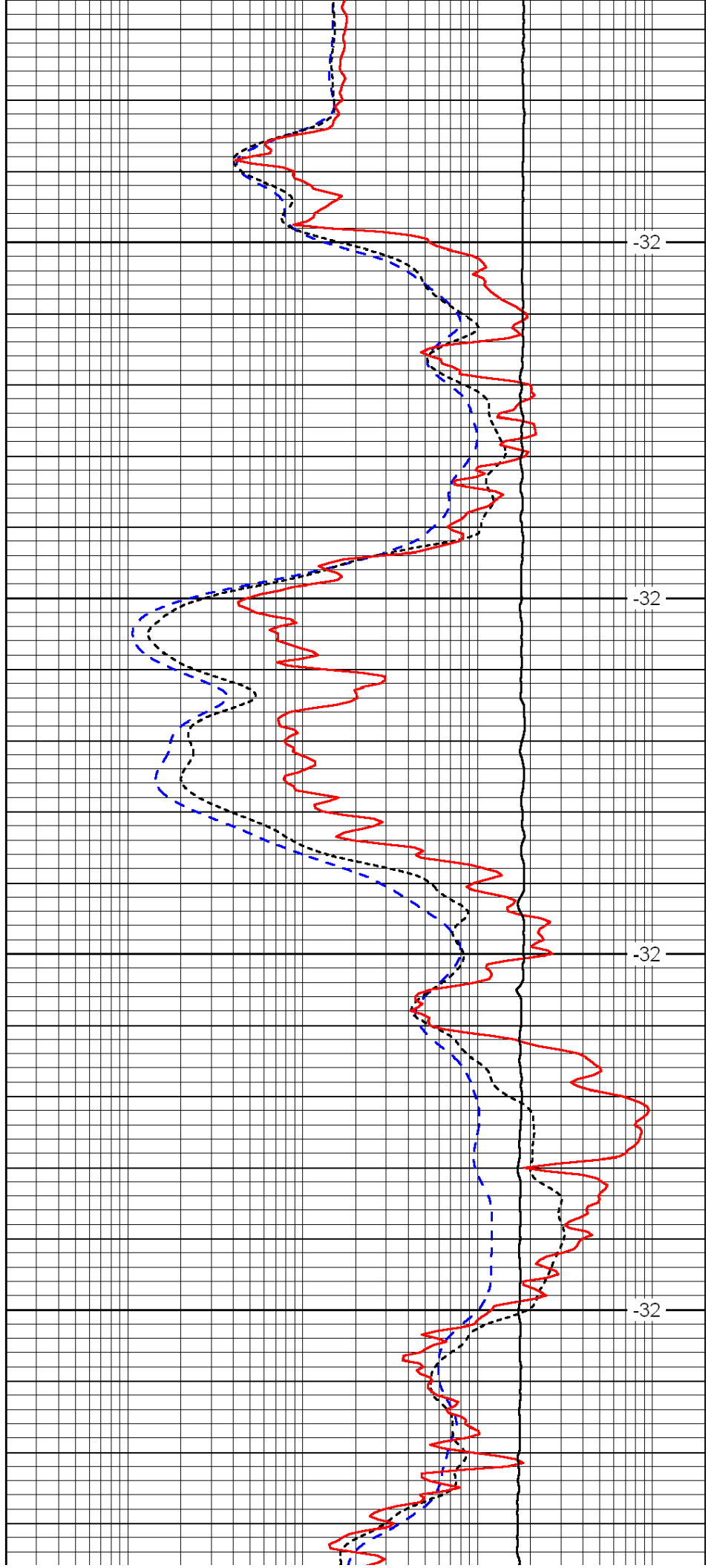


6950

7000

7050

7100

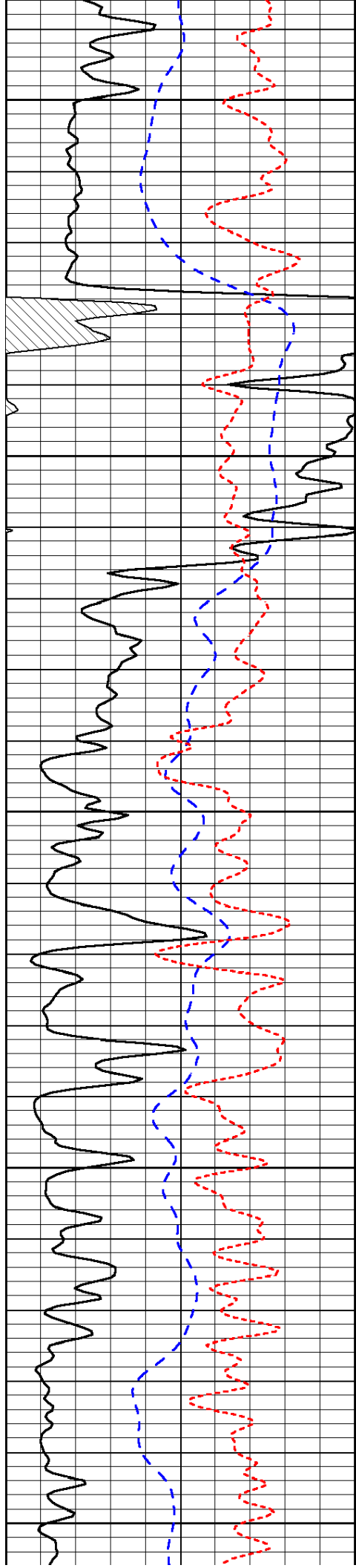


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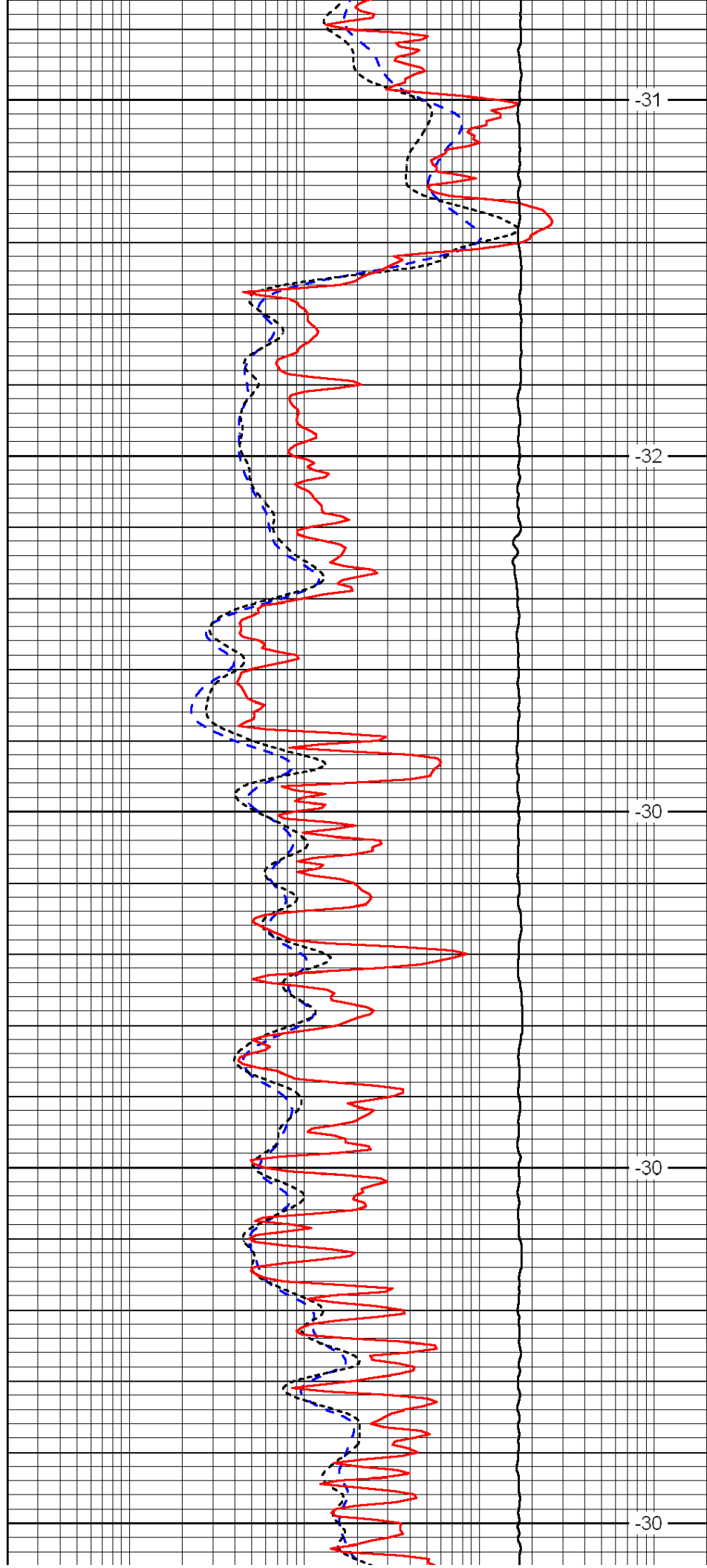
7150

7200

7250

7300

7350



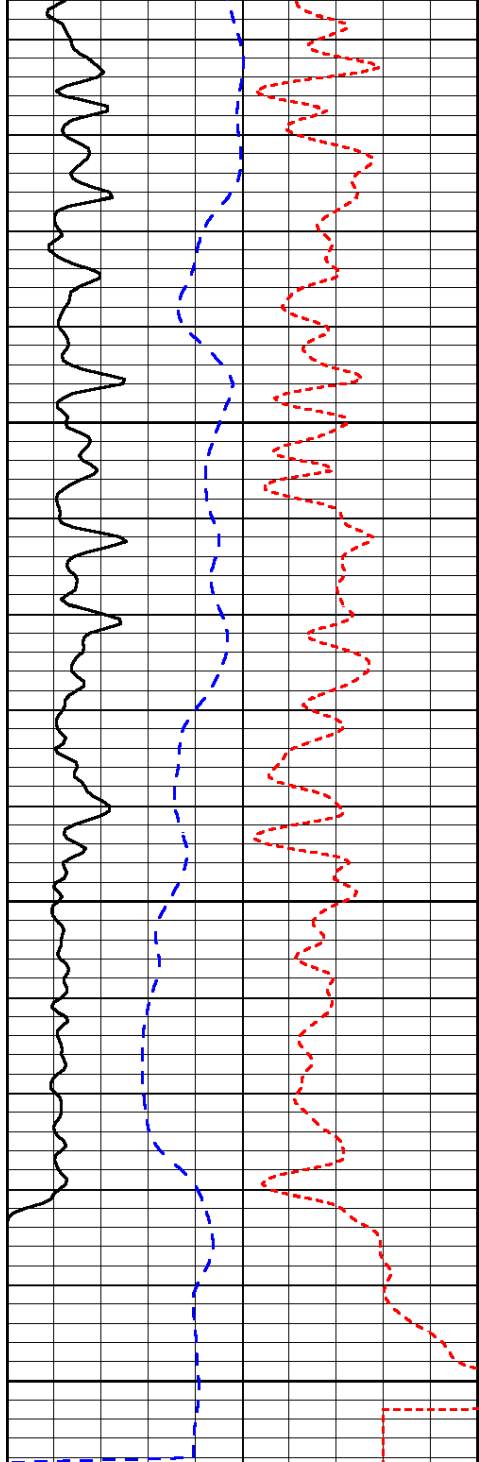
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-32

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-30

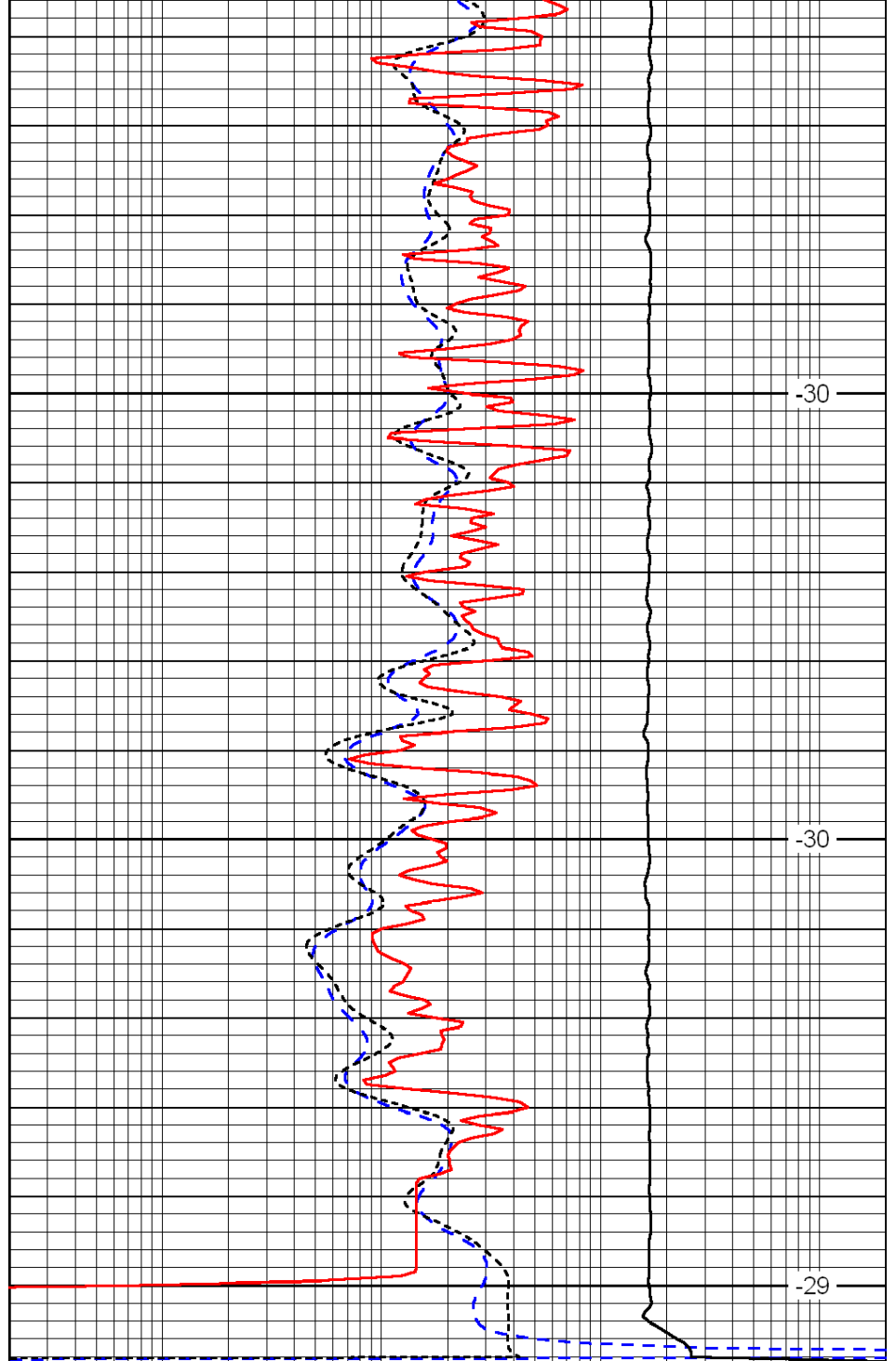


0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

7400

7450

7500



-30

-30

-29

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD