



# Dual Induction Log

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

API No.	15-039-21,130-00-00	
Company	Murfin Drilling Company, Inc.	
Well	May 'B' No. 1-13	
Field	Wildcat	
County	Decatur	State Kansas
Location	660' FNL & 800' FEL	
Sec: 13	Twp: 2 S	Rge: 30 W
Permanent Datum	Ground Level	Elevation 2787
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
		Other Services CNL/CDL MEL/BHCS
		Elevation K.B. 2792 D.F. 2787 G.L. 2787

Date	3/10/2011
Run Number	One
Depth Driller	4110
Depth Logger	4109
Bottom Logged Interval	4108
Top Log Interval	00
Casing Driller	8.625 @ 279
Casing Logger	278
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	1,200
Density / Viscosity	9.1   44
pH / Fluid Loss	10.0   7.2
Source of Sample	Flowline
Rm @ Meas. Temp	1.05 @ 60
Rmf @ Meas. Temp	.79 @ 60
Rmc @ Meas. Temp	1.42 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	.53 @ 119
Operating Rig Time	5 1/2 Hours
Max Rec. Temp. F	119
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Paul Gunzelman

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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**

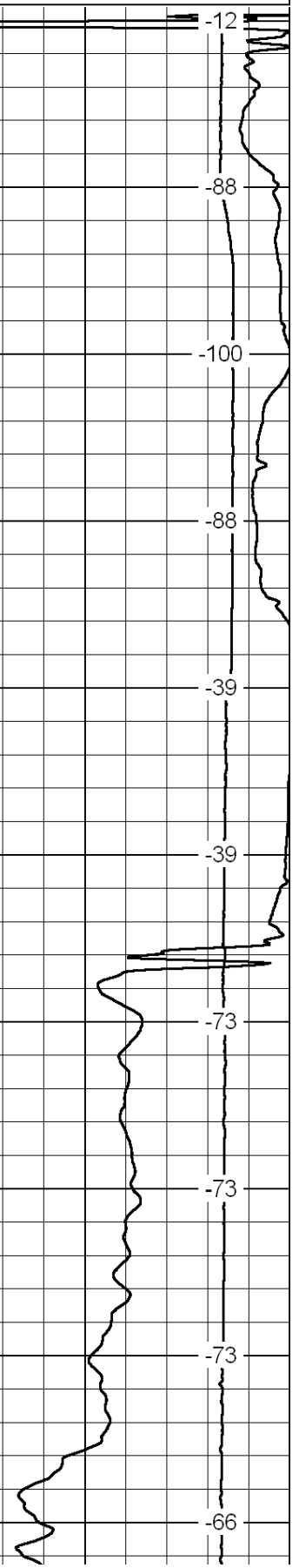
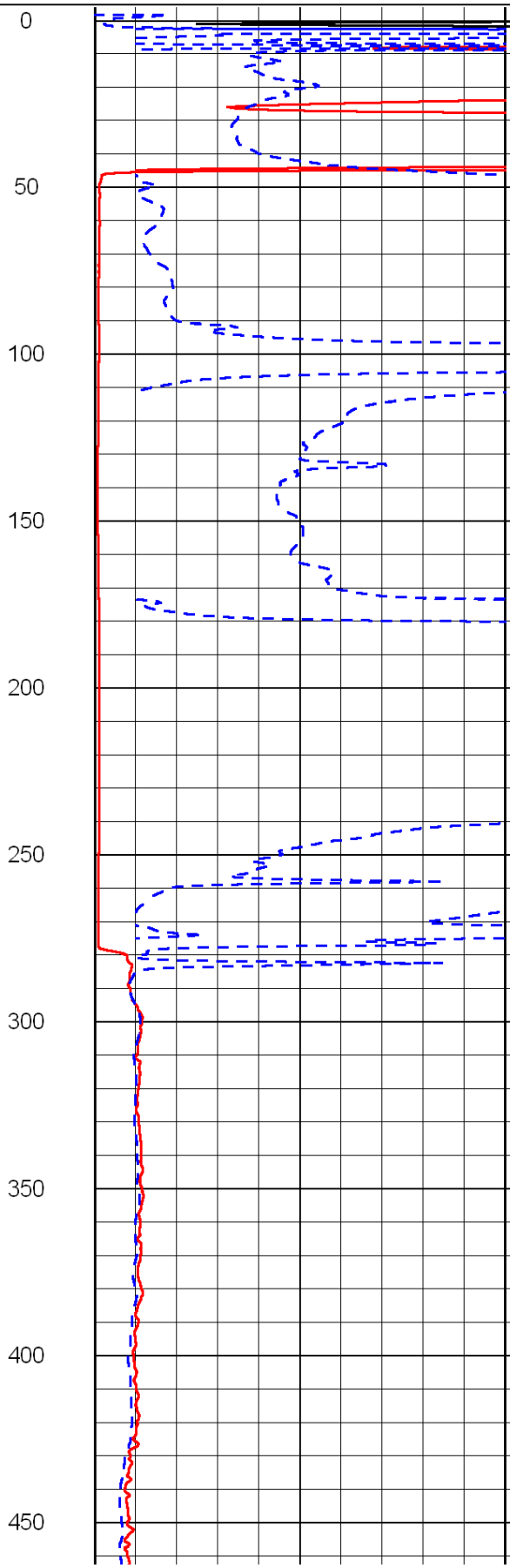
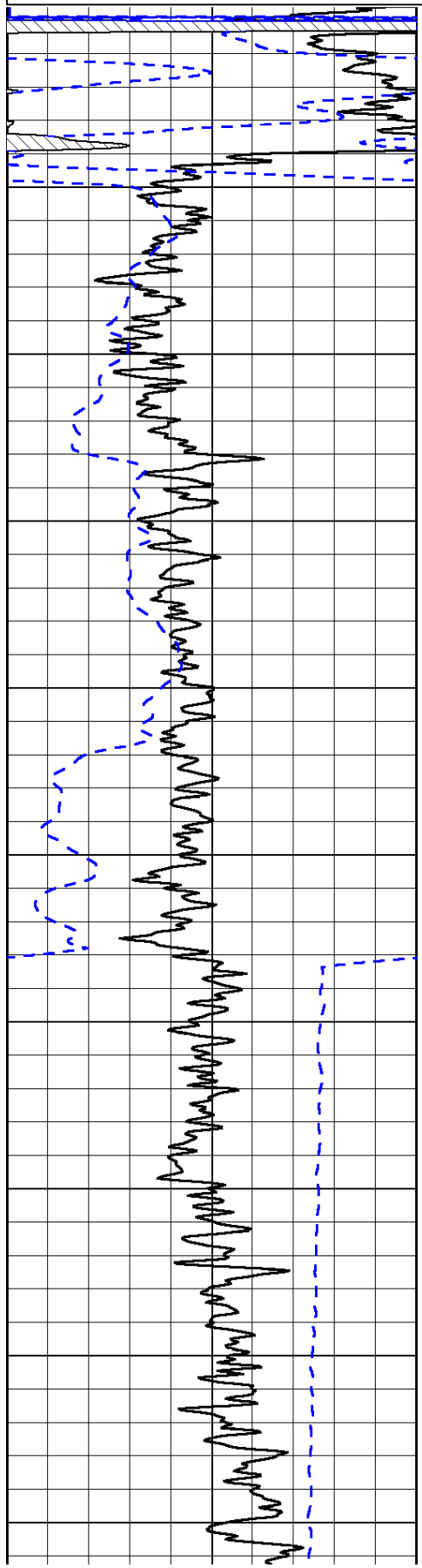
Thank you for using Log-Tech, Inc.  
(785) 625-3858

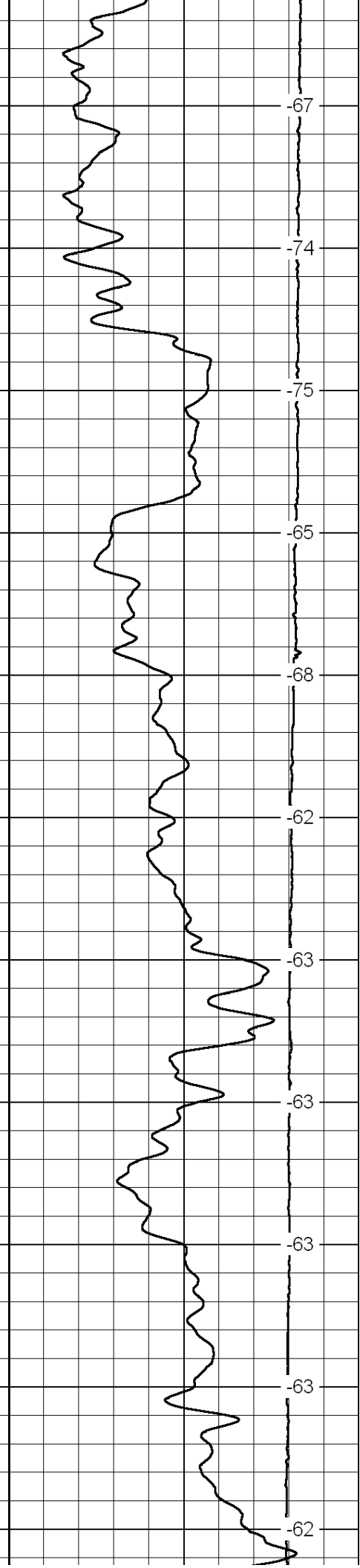
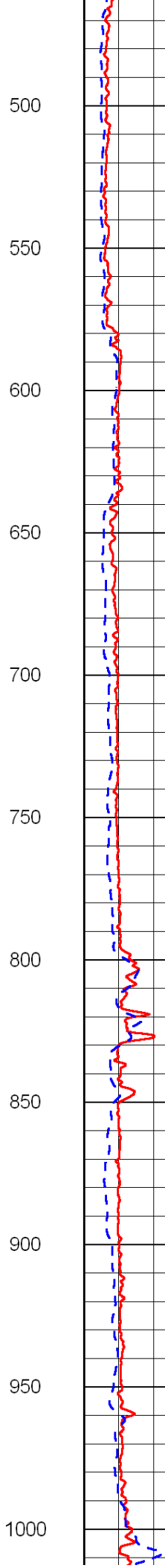
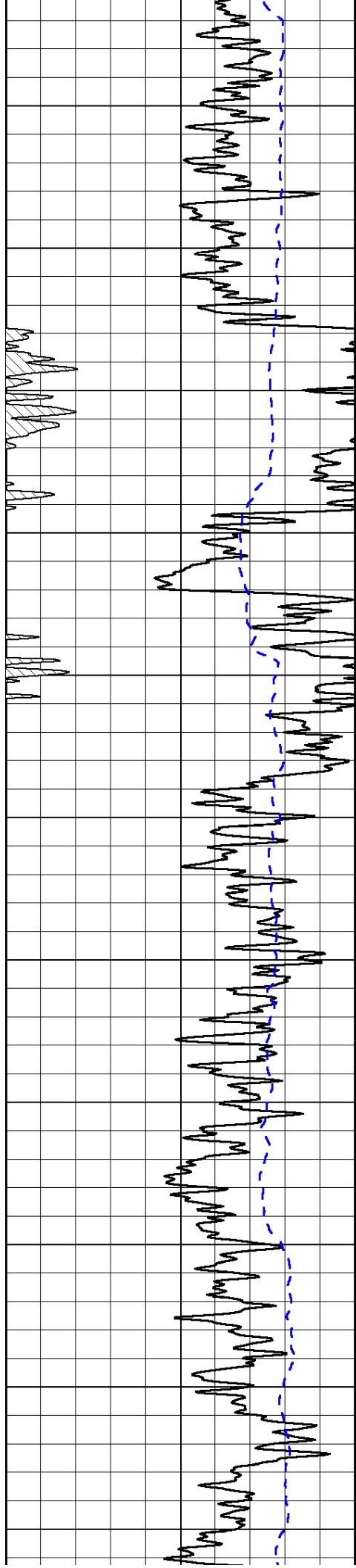
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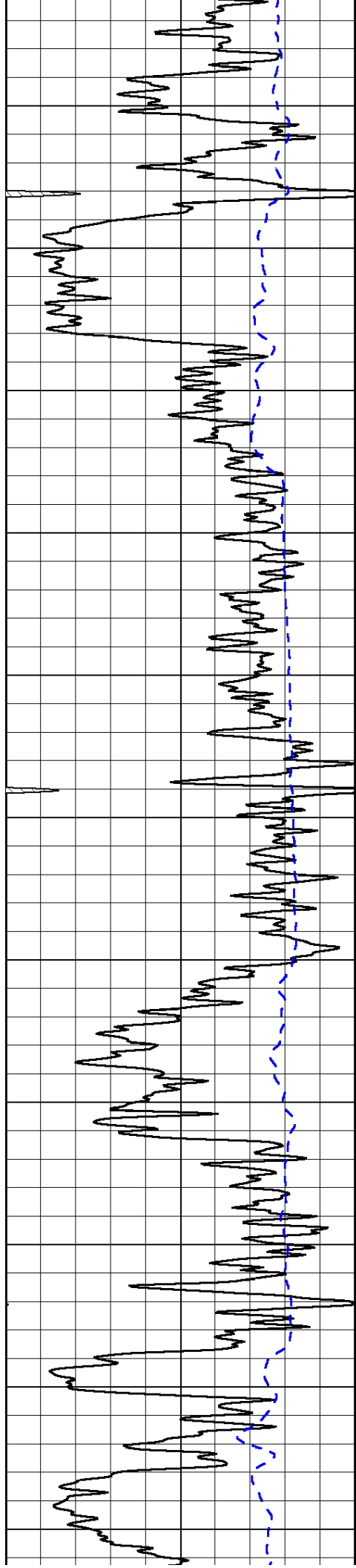
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-200	SP (mV)	0

0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

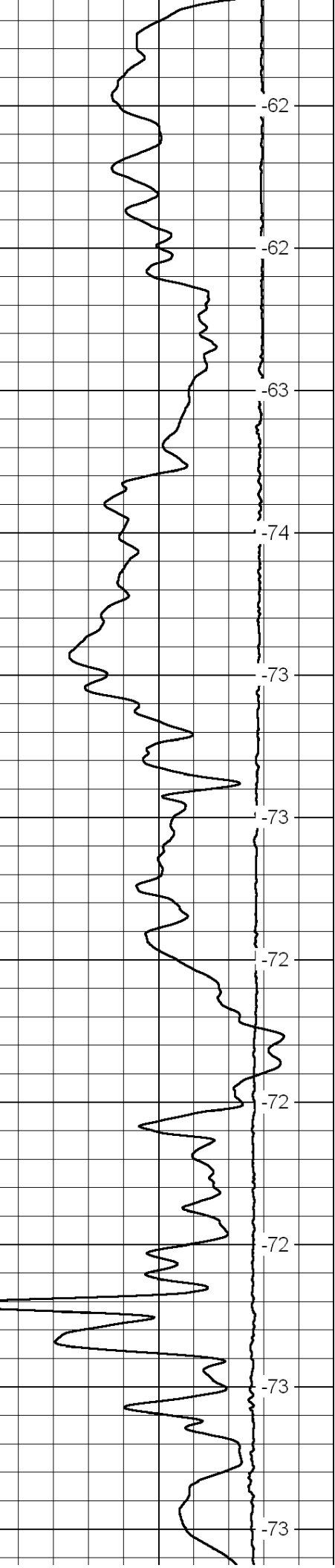
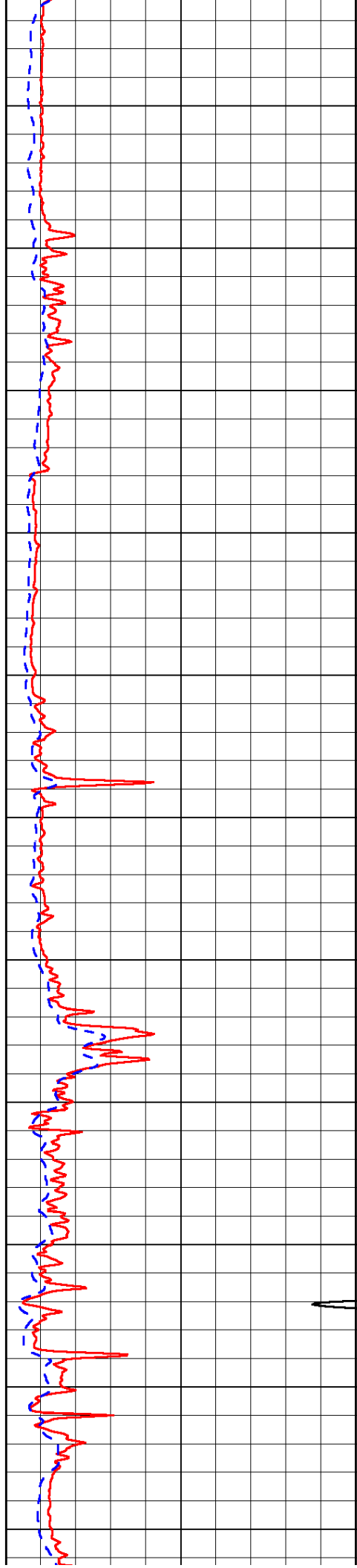
LSPD
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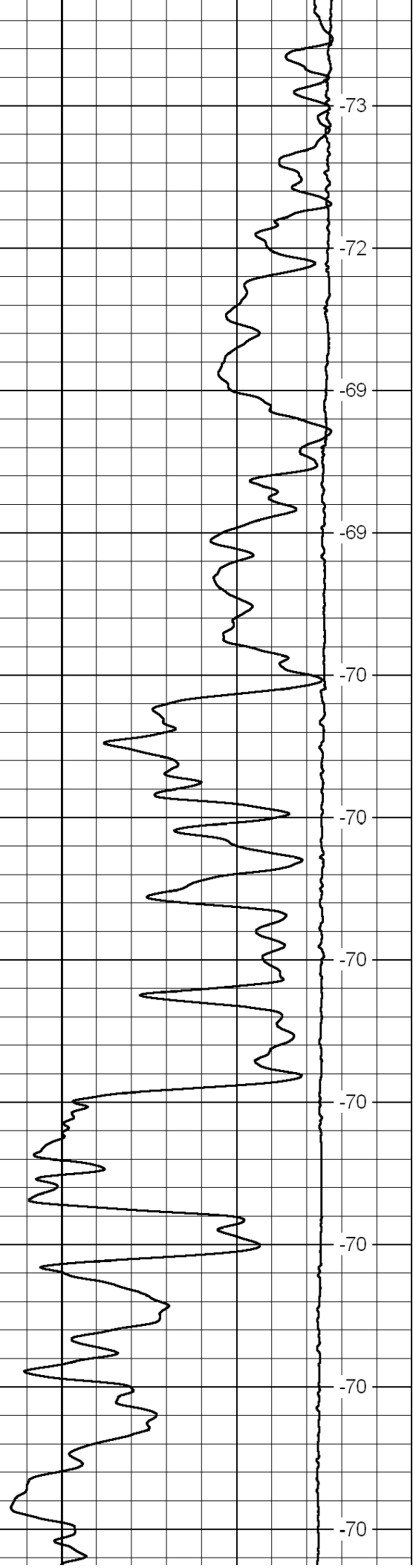
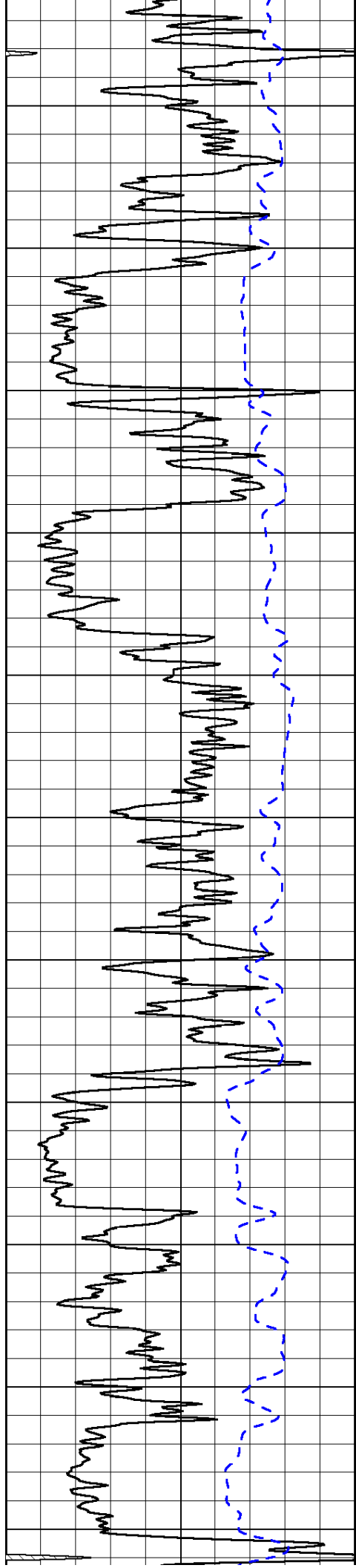


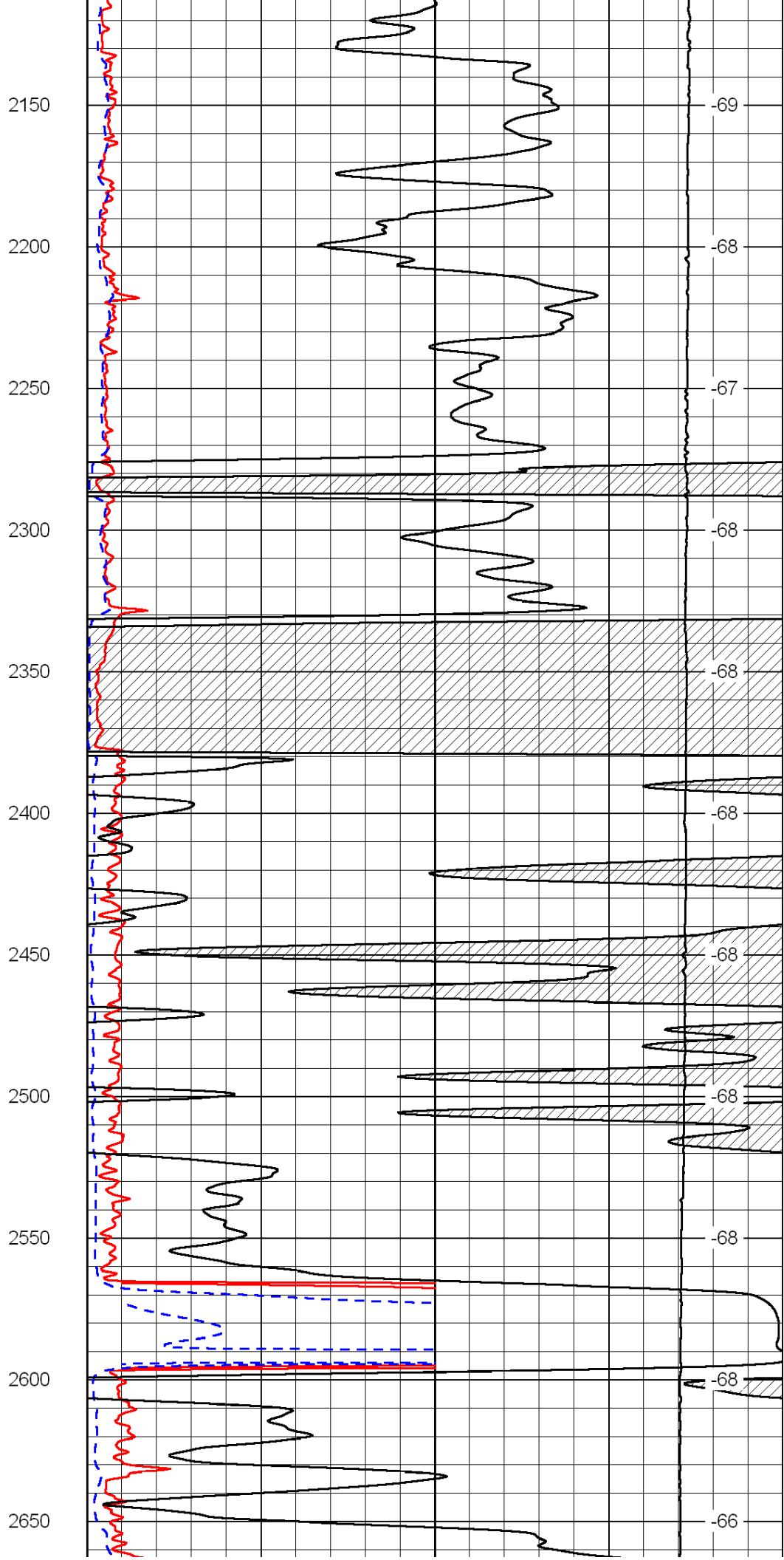
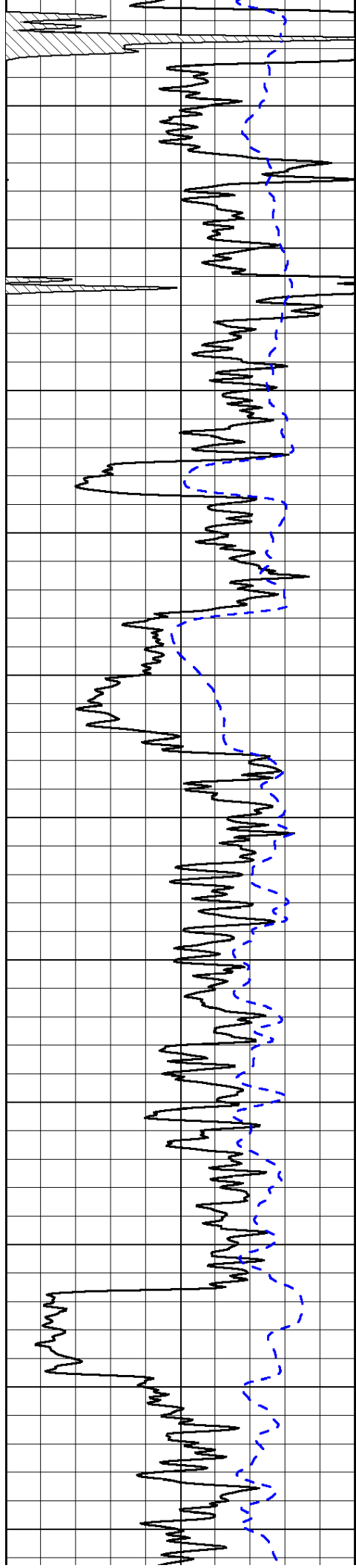


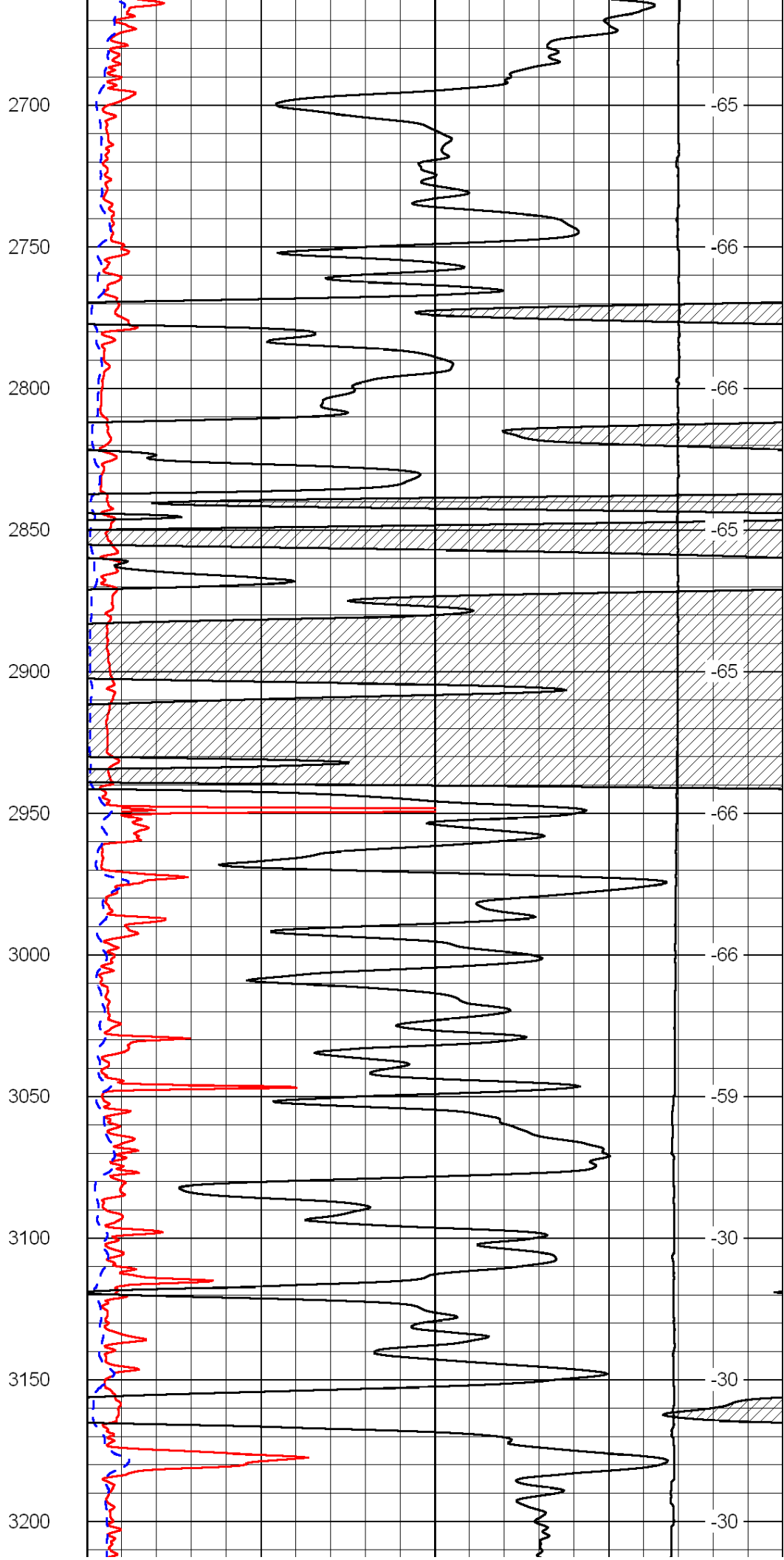
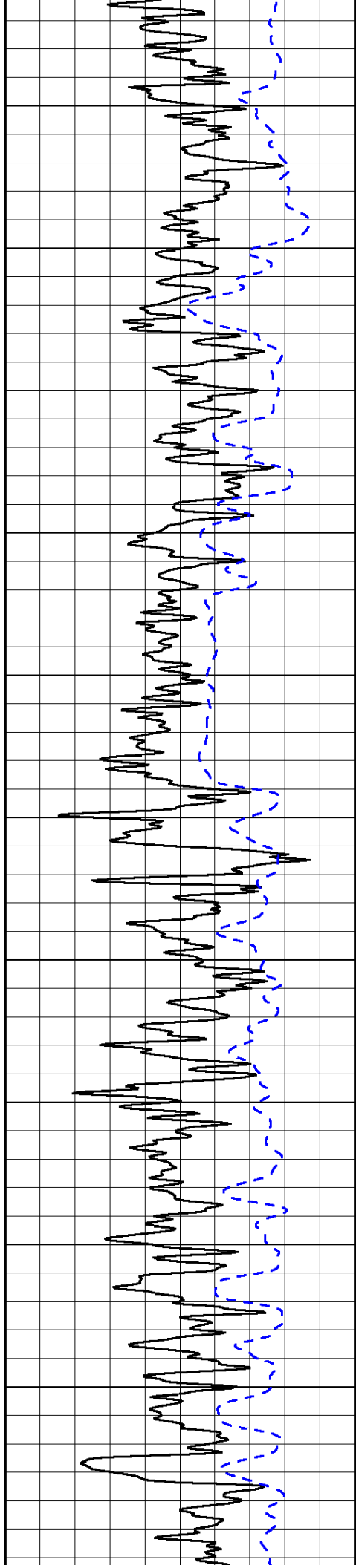
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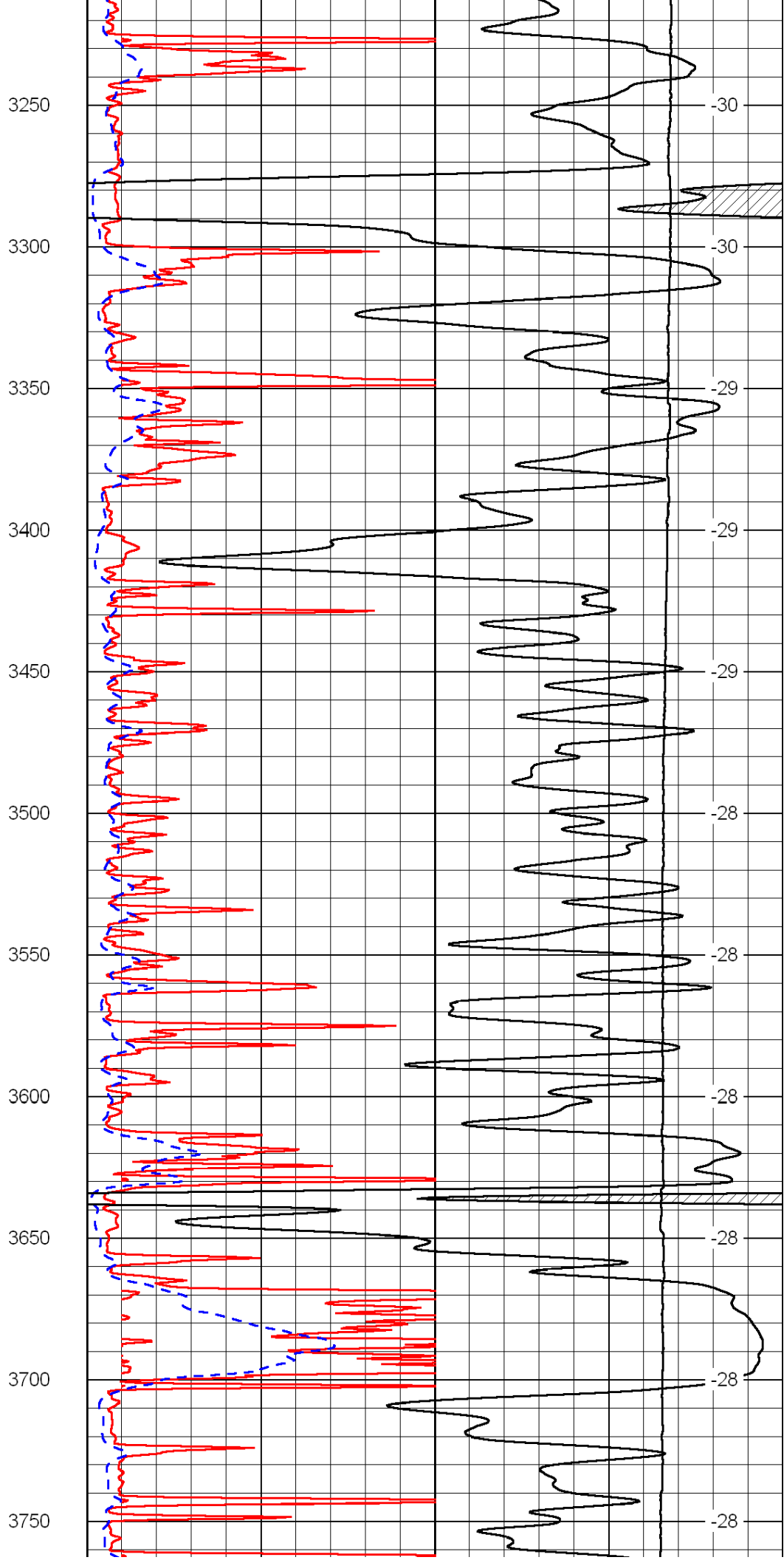
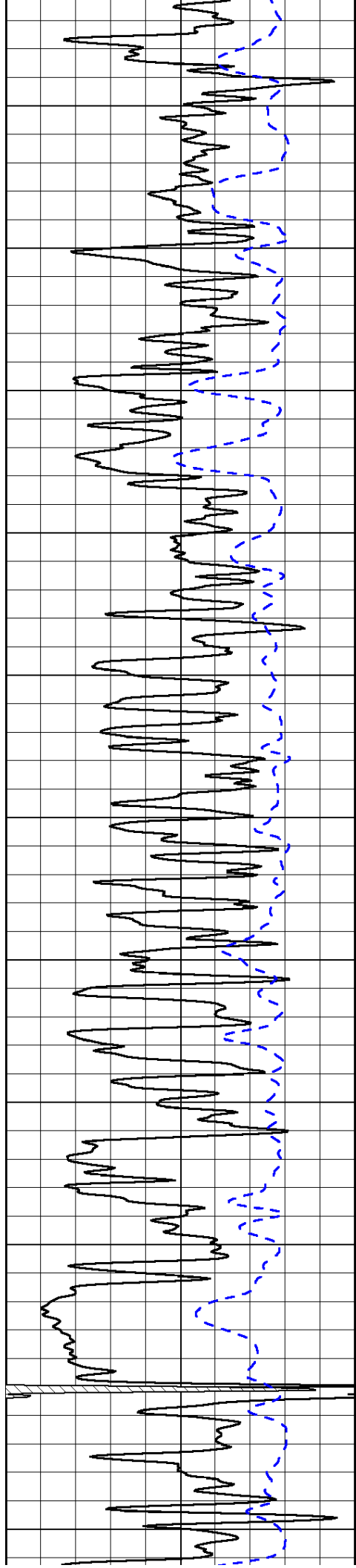


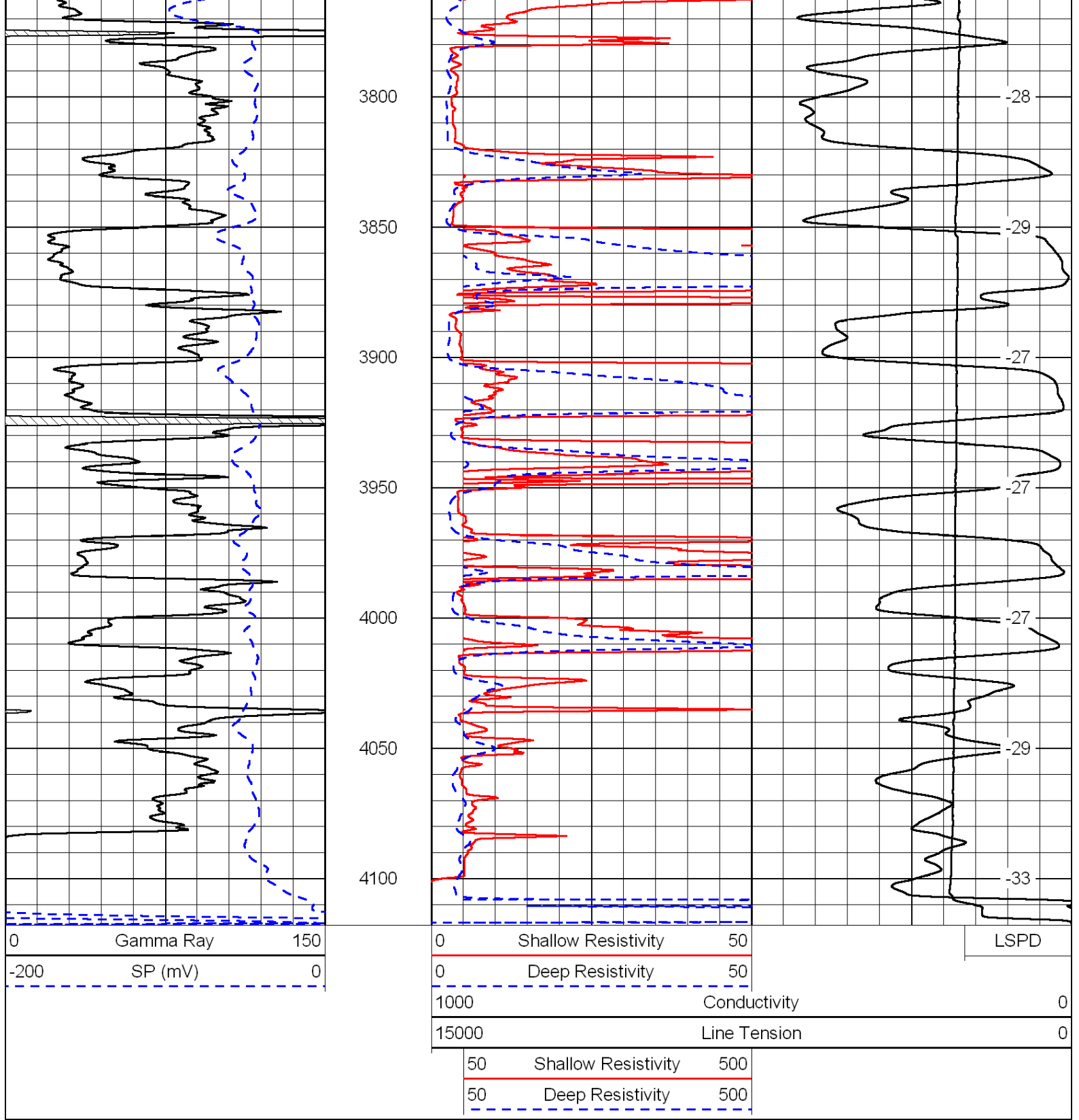
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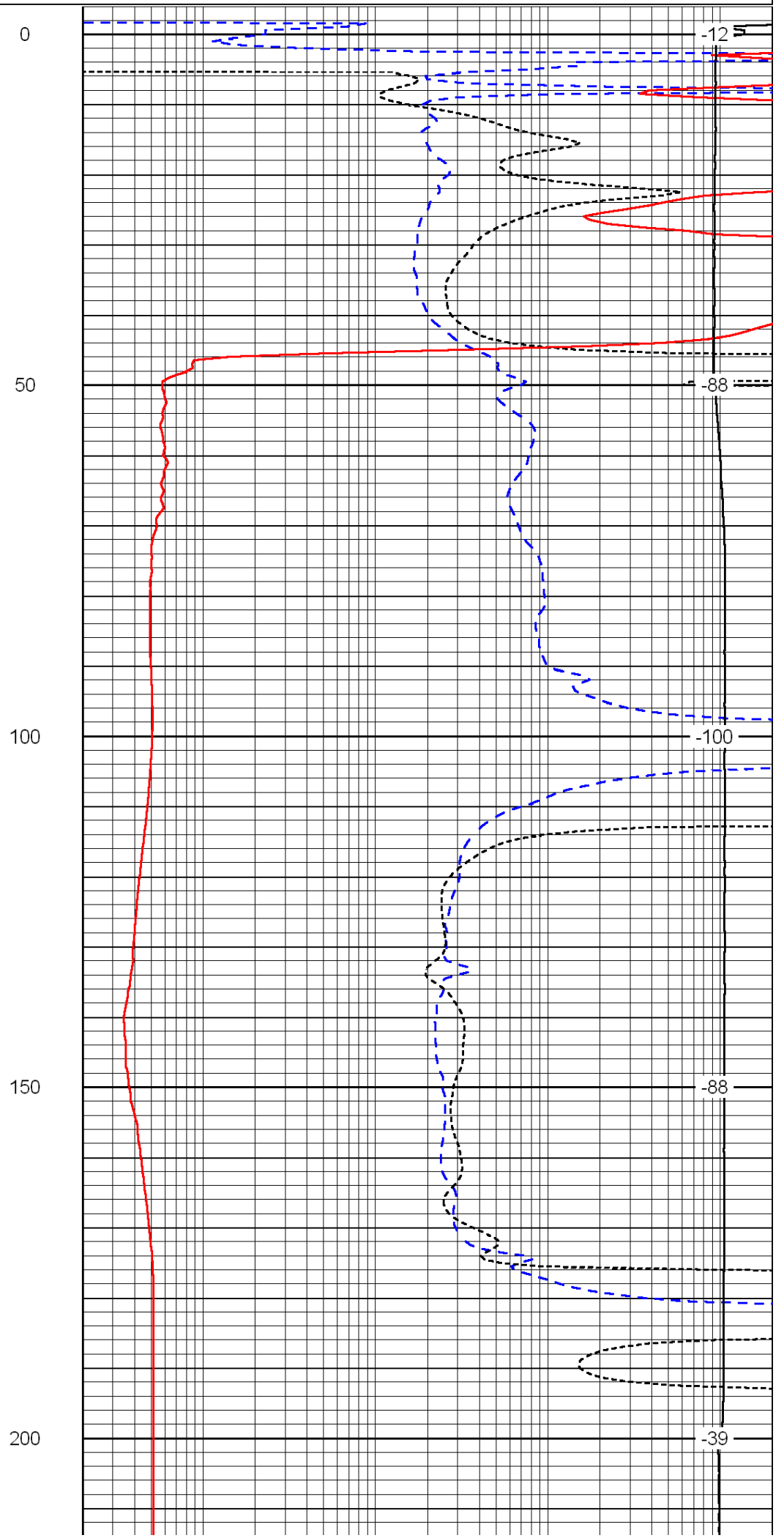
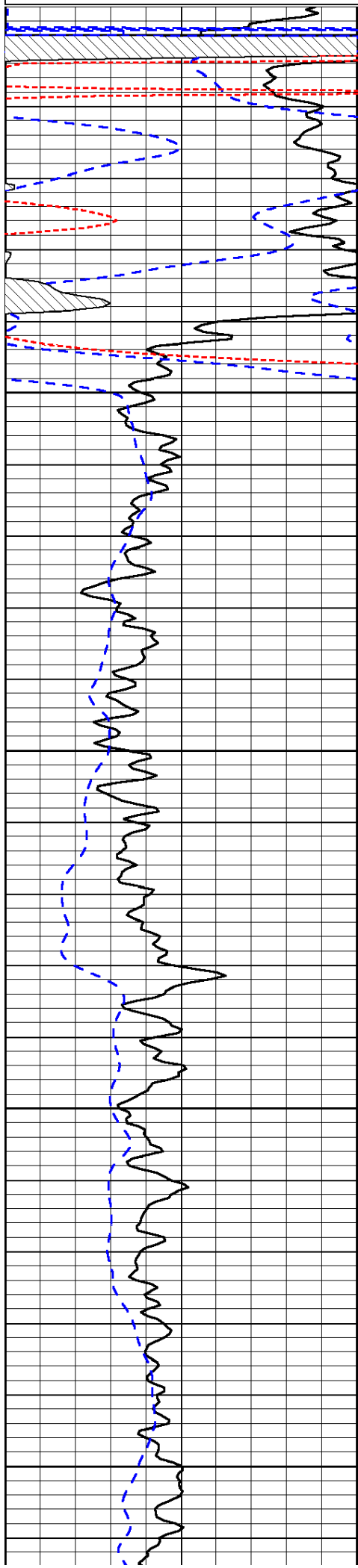


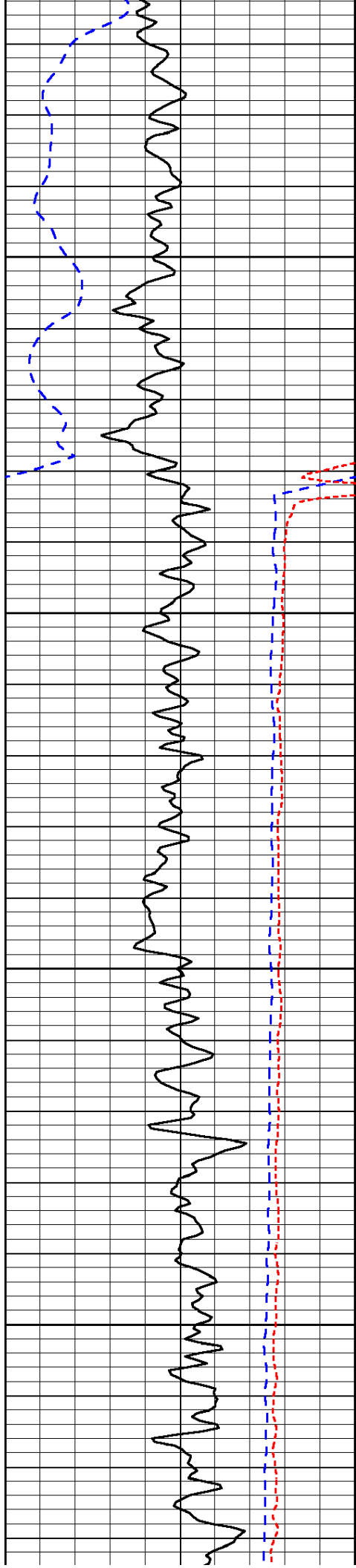






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Presentation Format:	dil		
Dataset Creation:	Thu Mar 10 21:55:55 2011		
Charted by:	Depth in Feet scaled 1:240		
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-200	SP (mV)	0	
-160	Rxo / Rt	40	
0.2	Deep Resistivity	2000	
0.2	Medium Resistivity	2000	
0.2	Shallow Resistivity	2000	
15000	Line Tension	0	
			LSPD



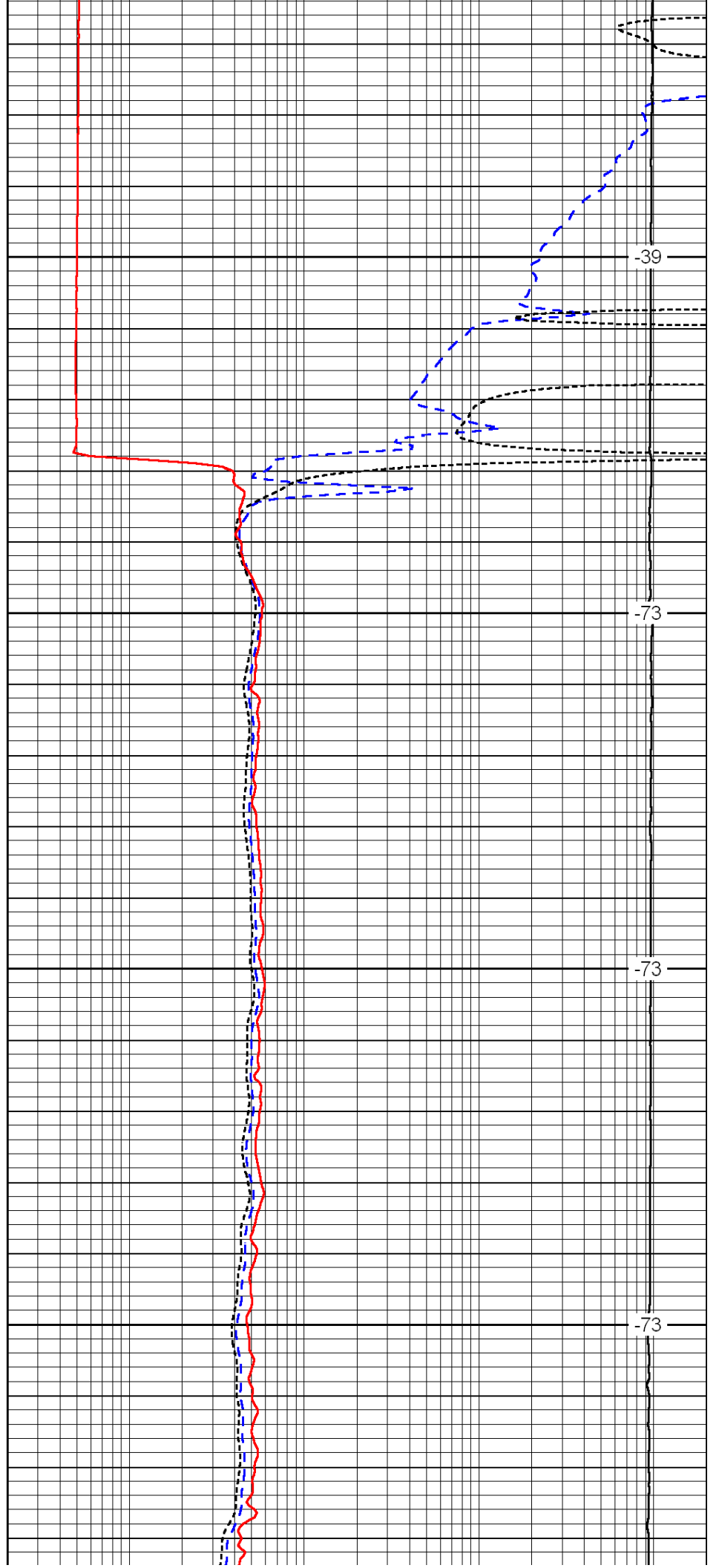


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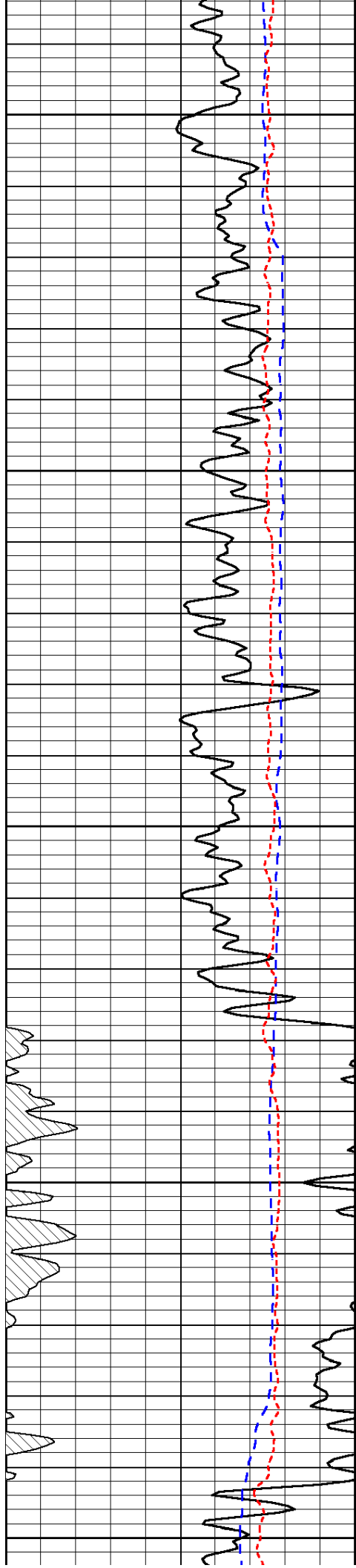


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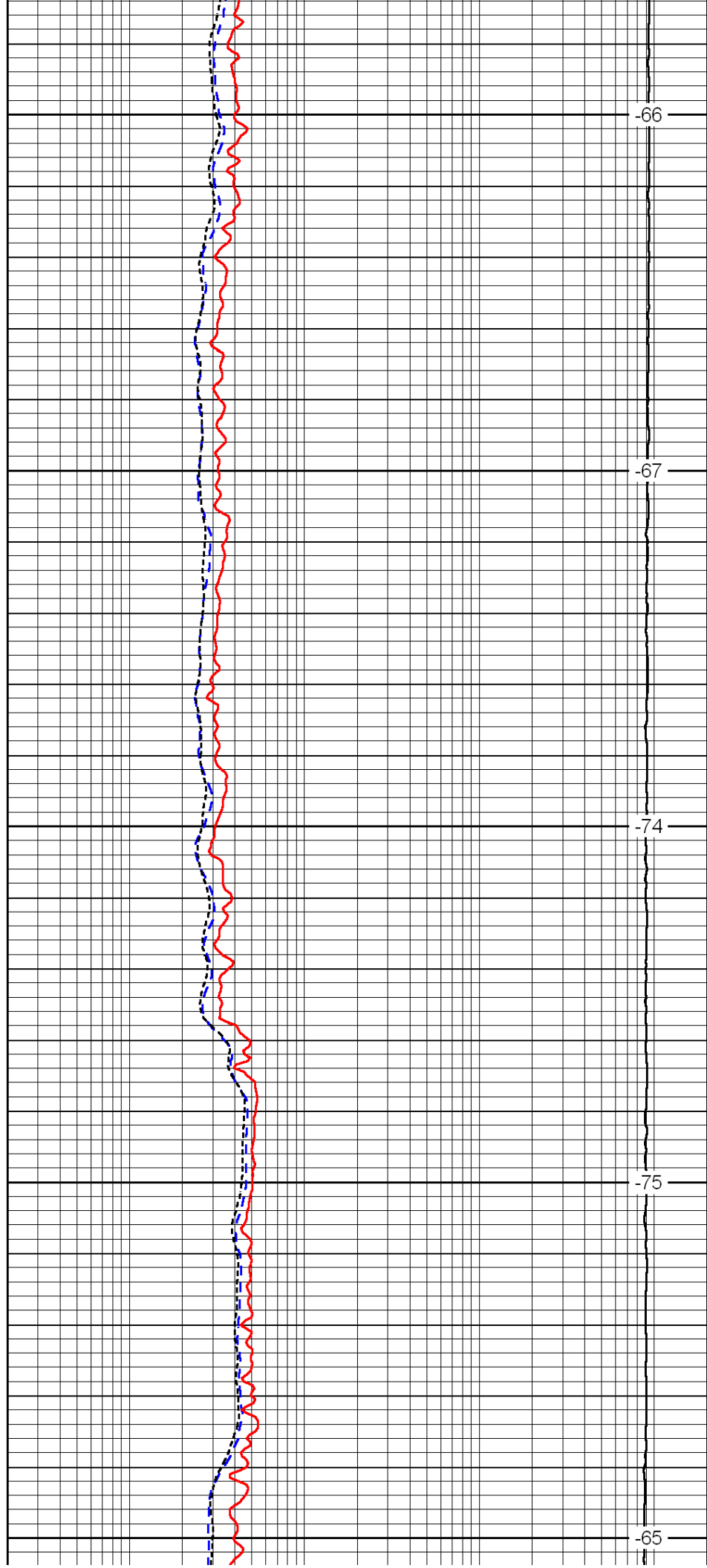
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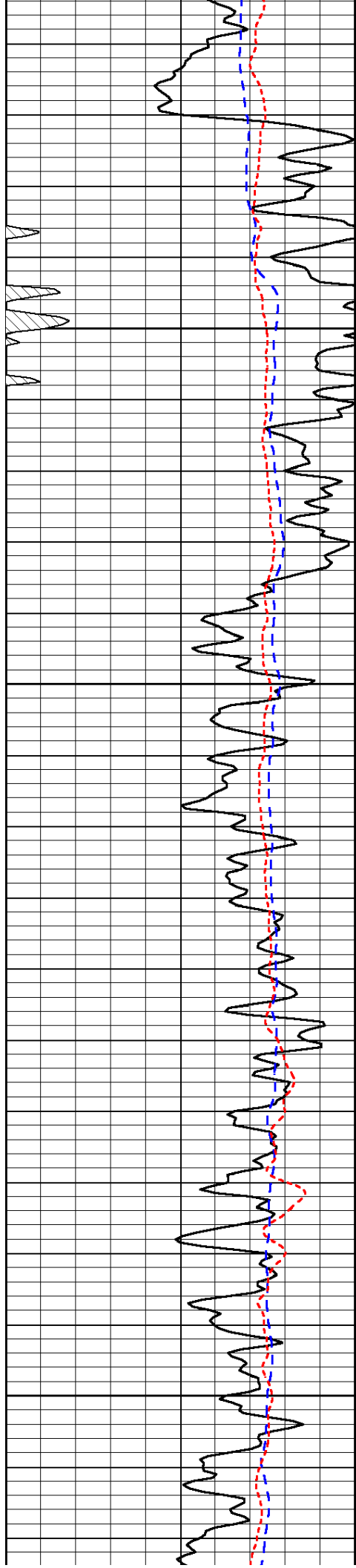
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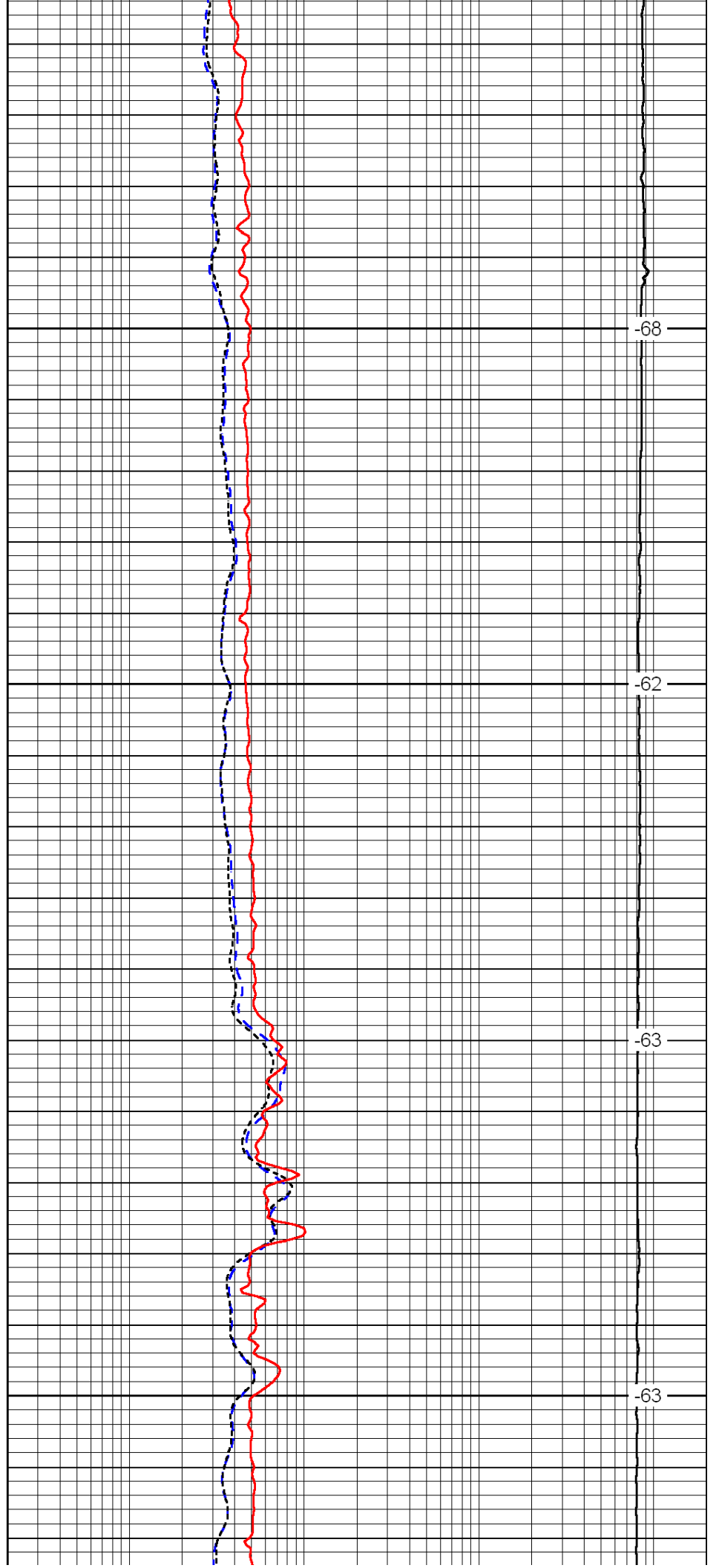


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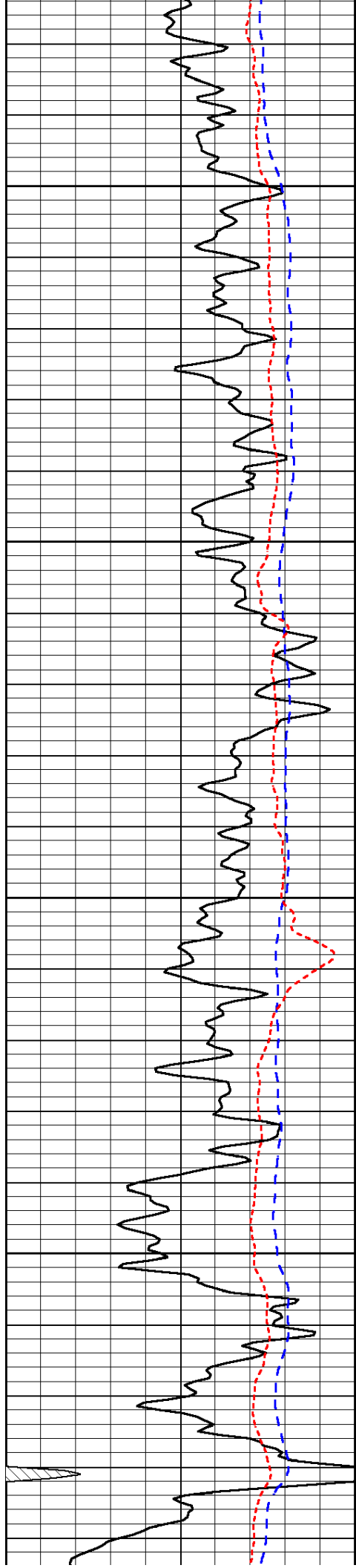


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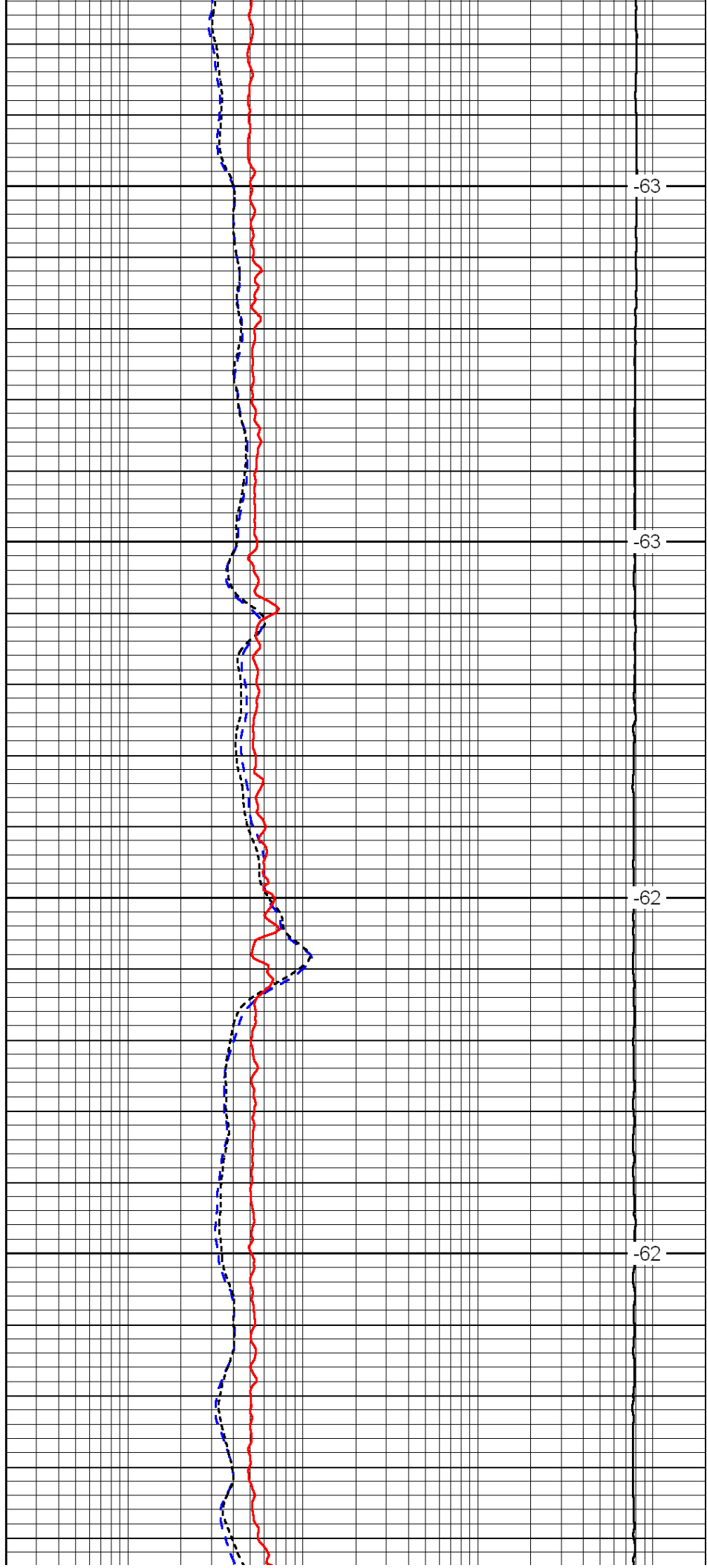


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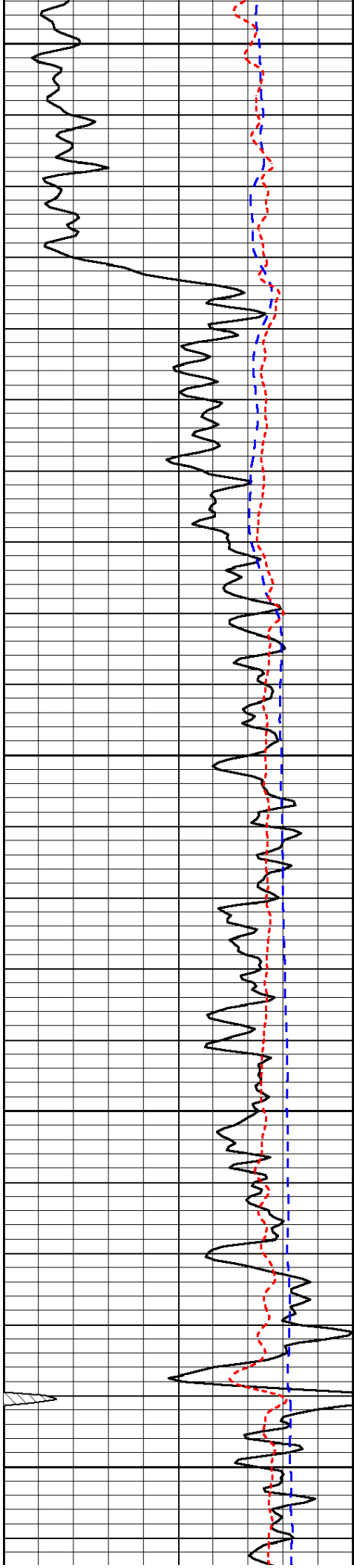


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1200

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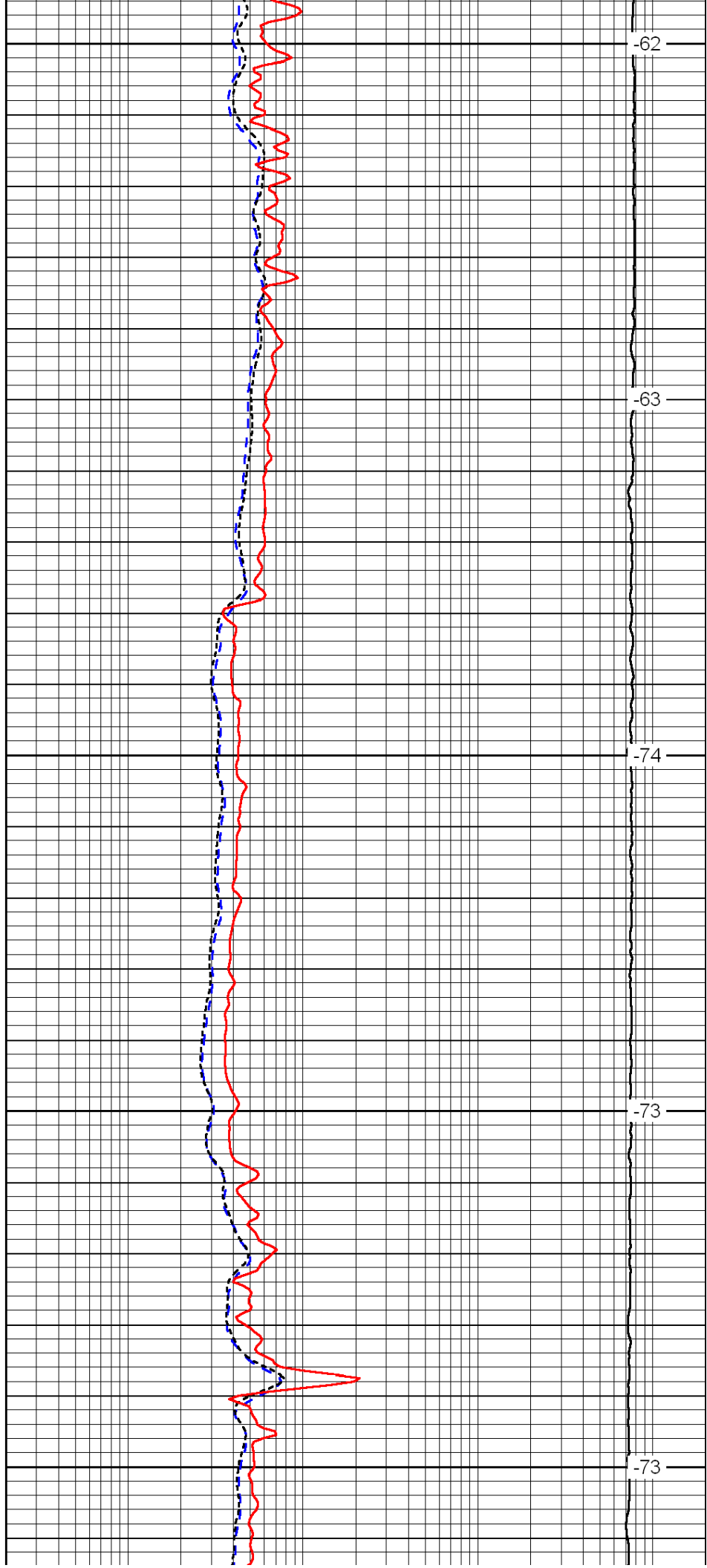
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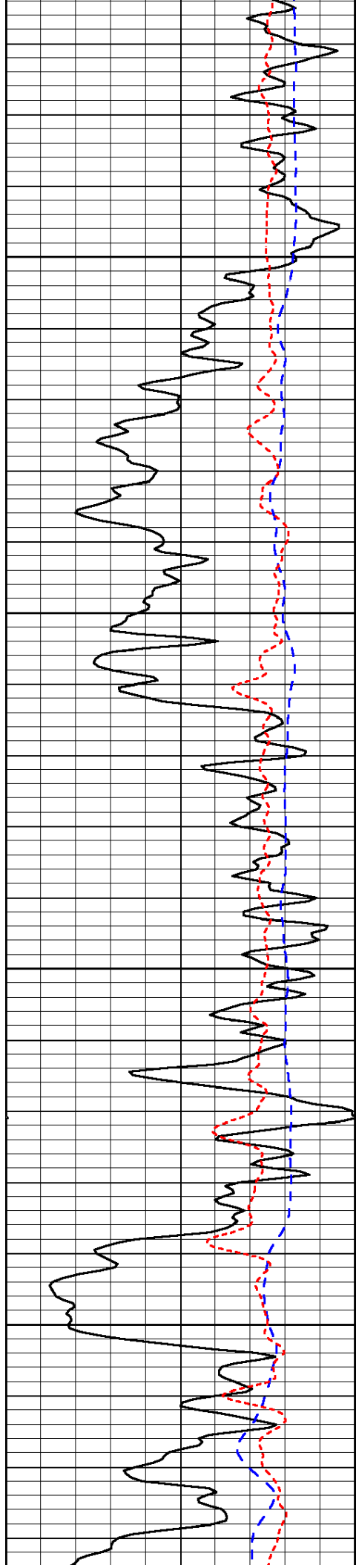
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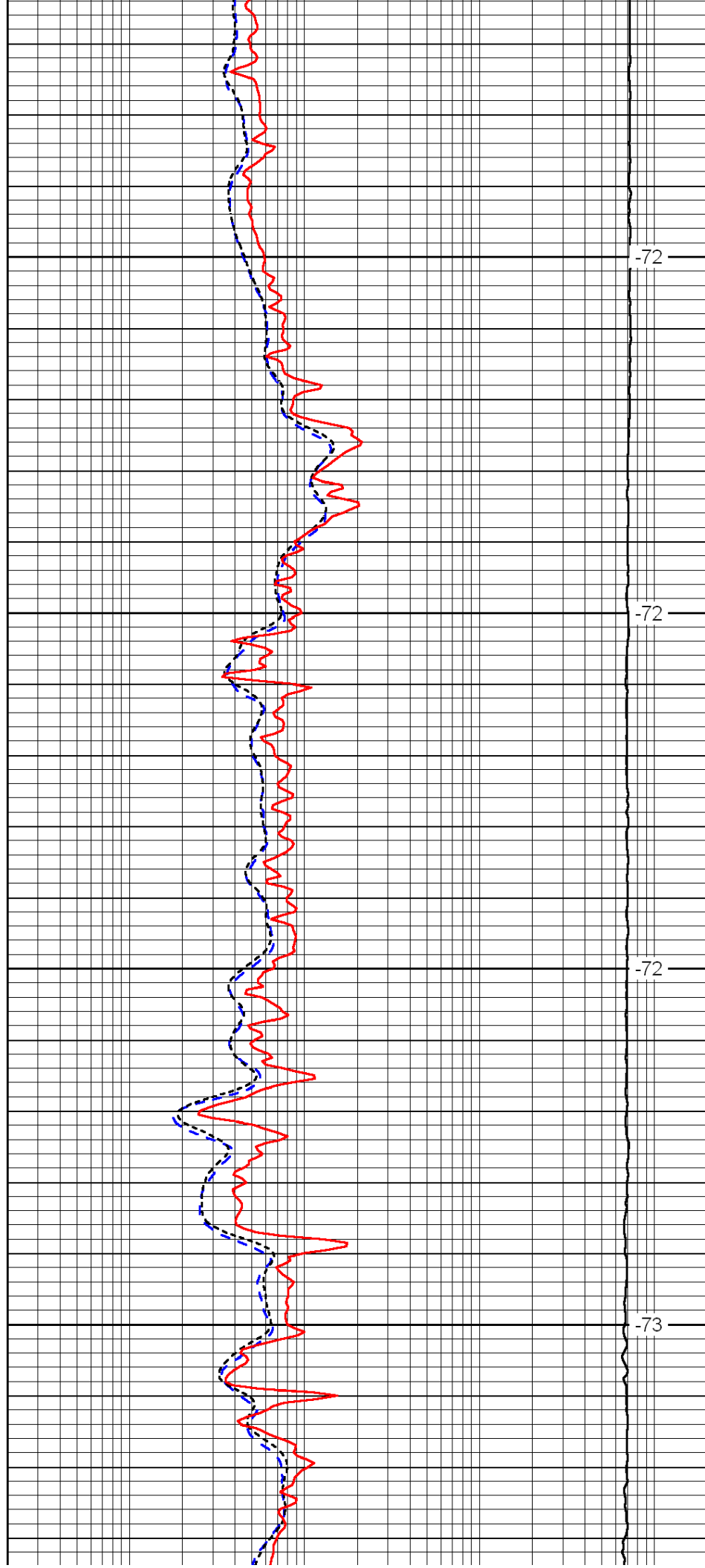


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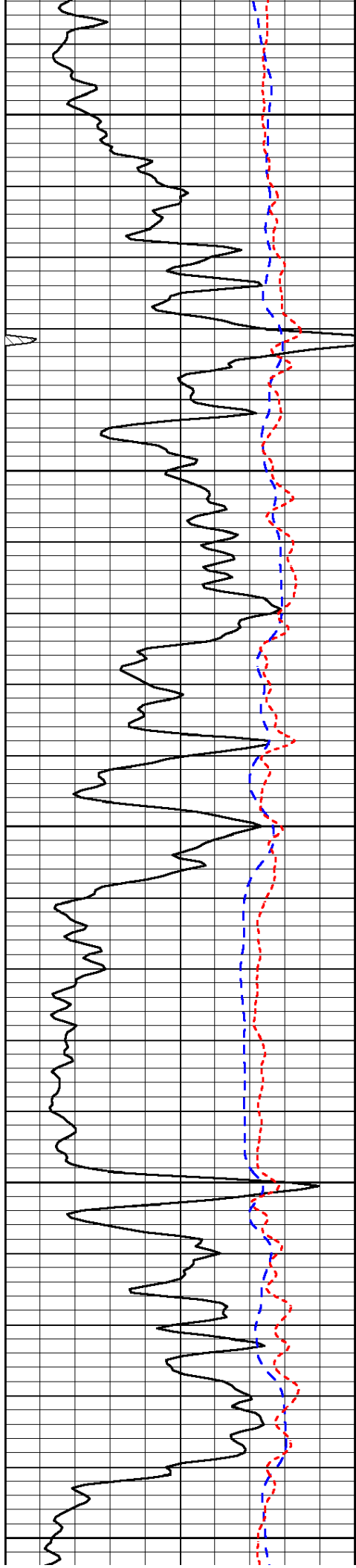


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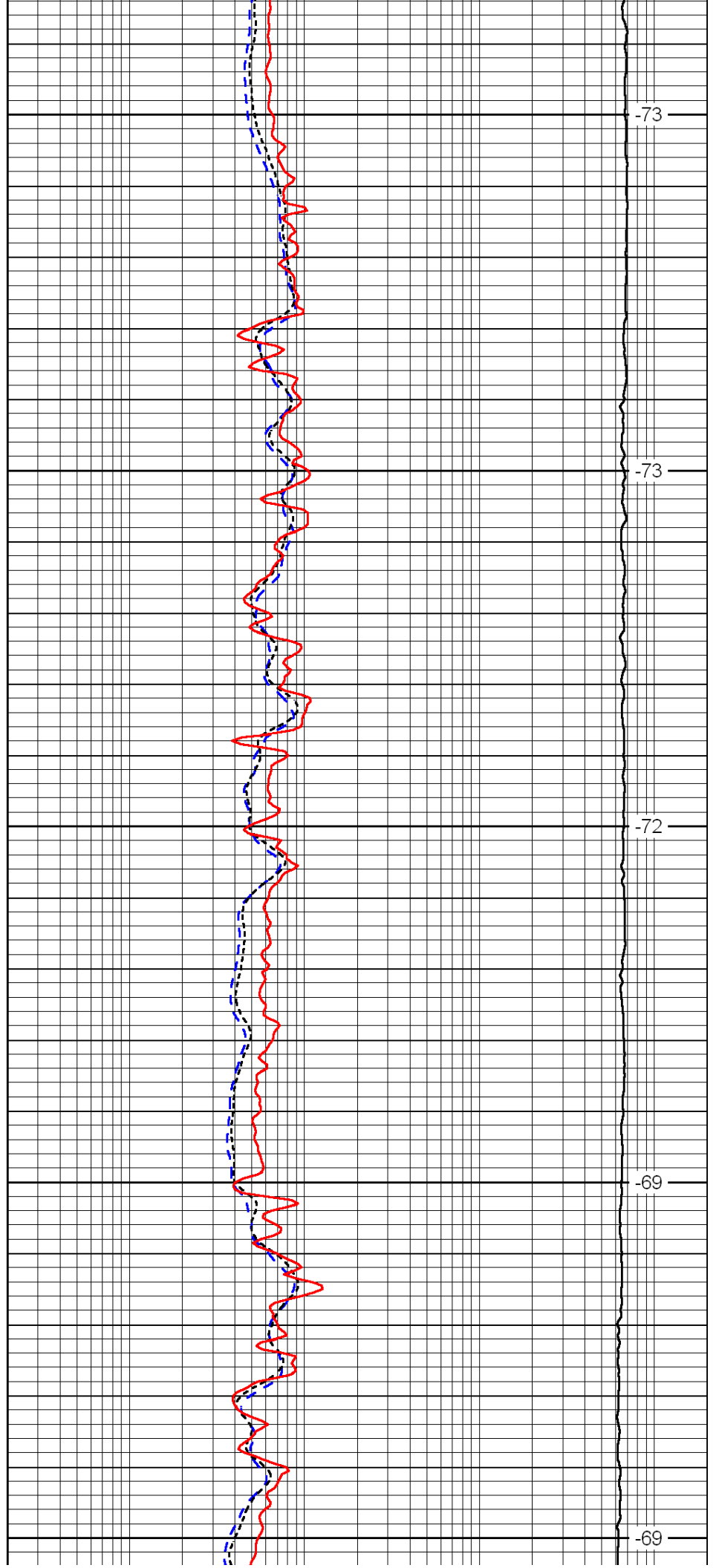
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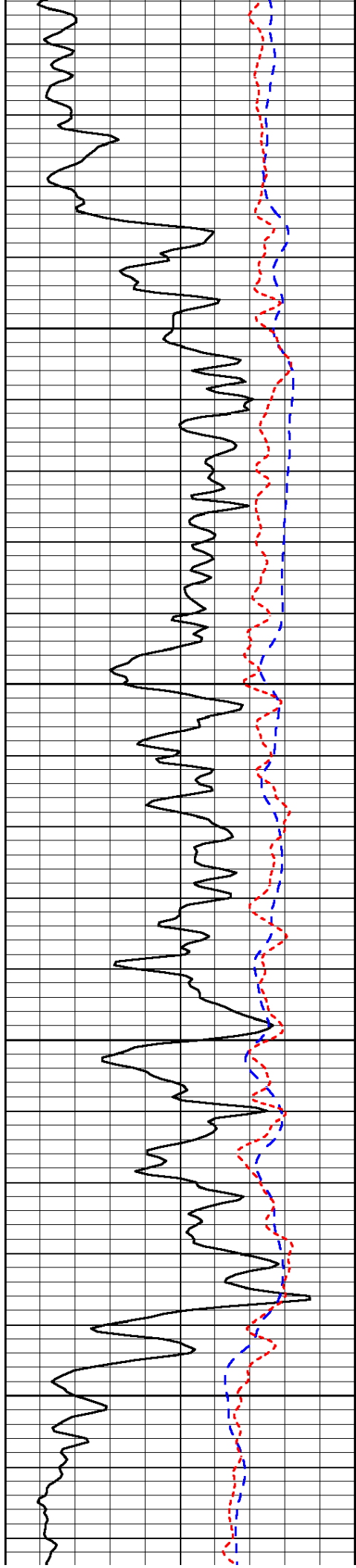
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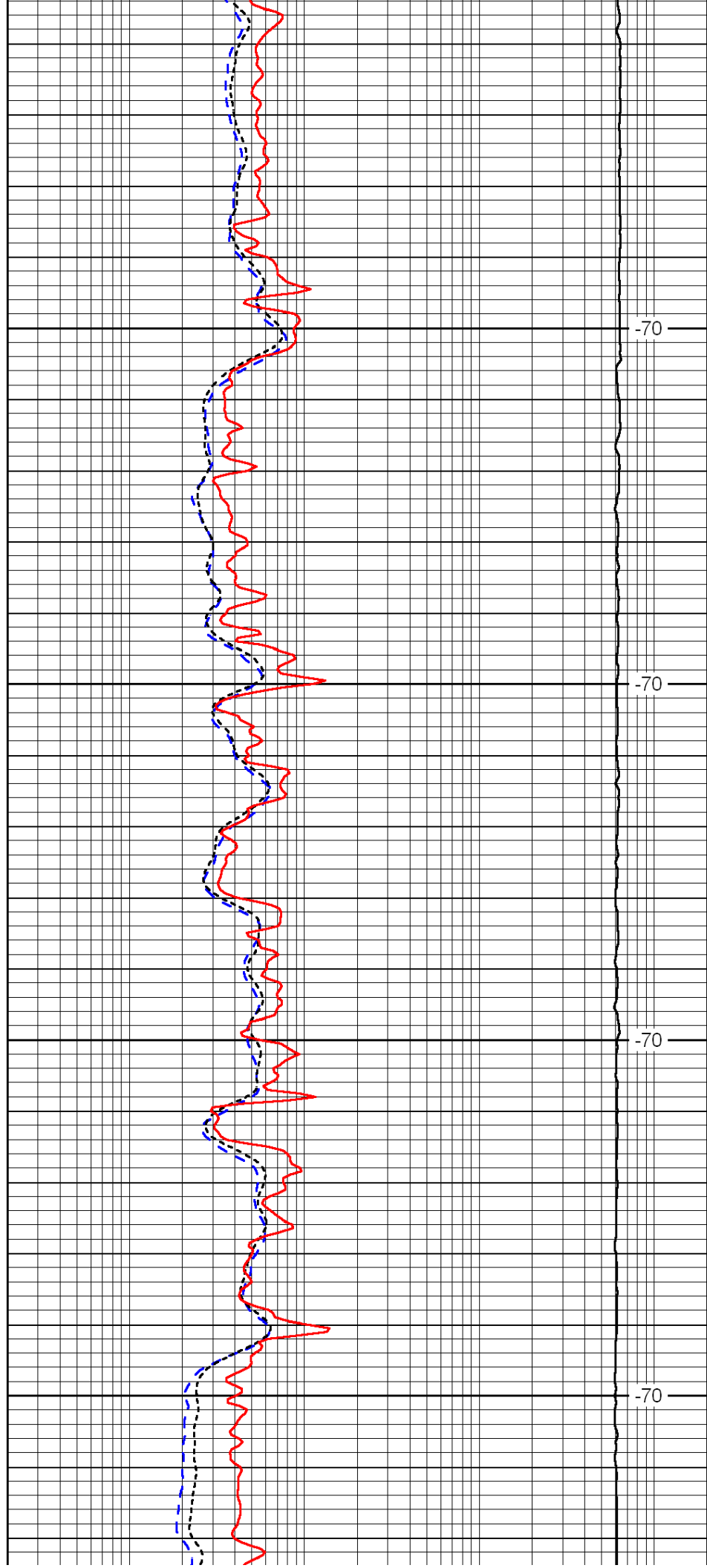


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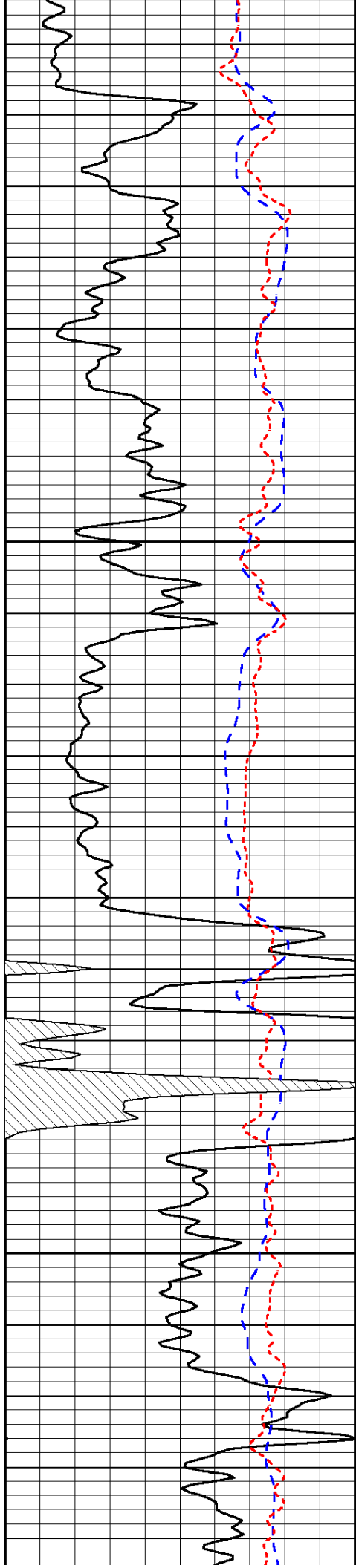


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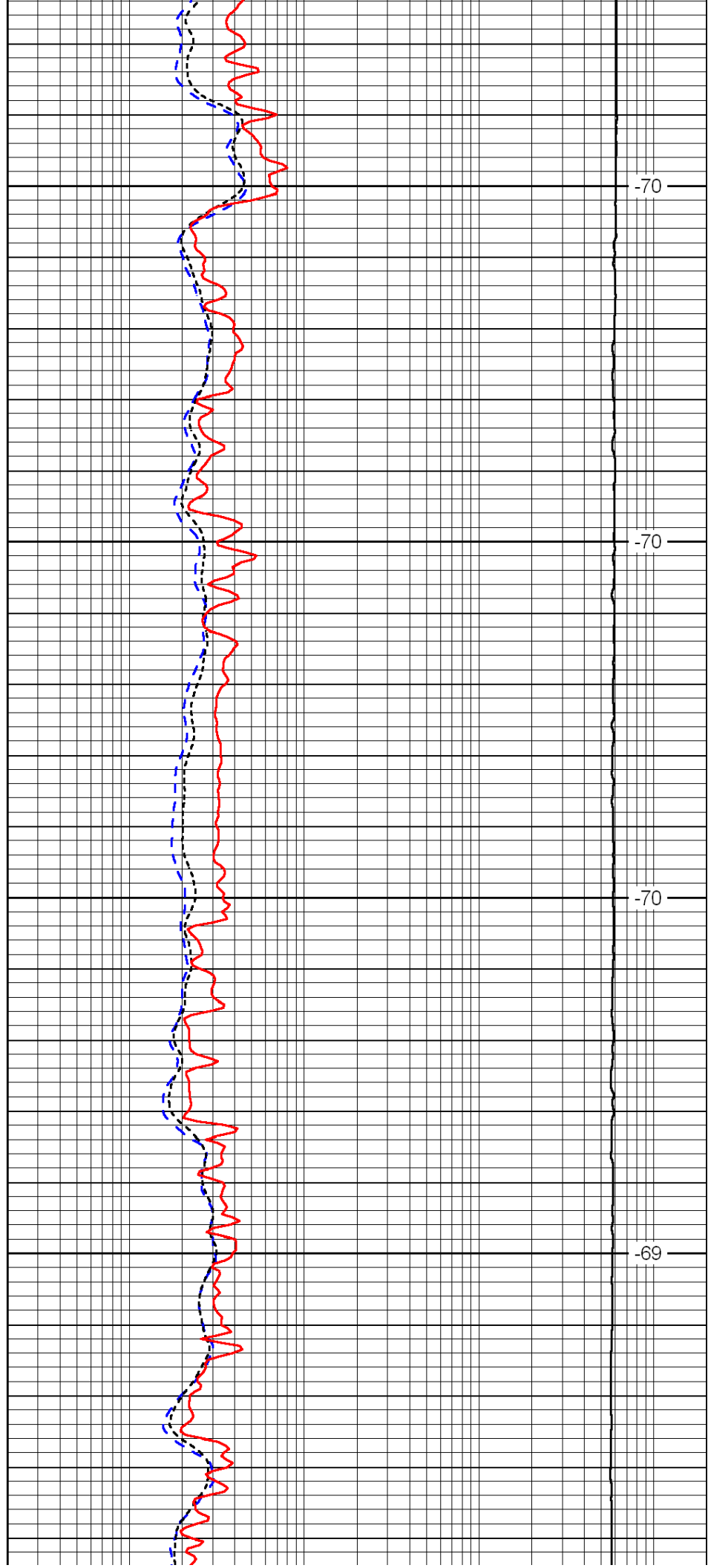


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2050

2100

2150

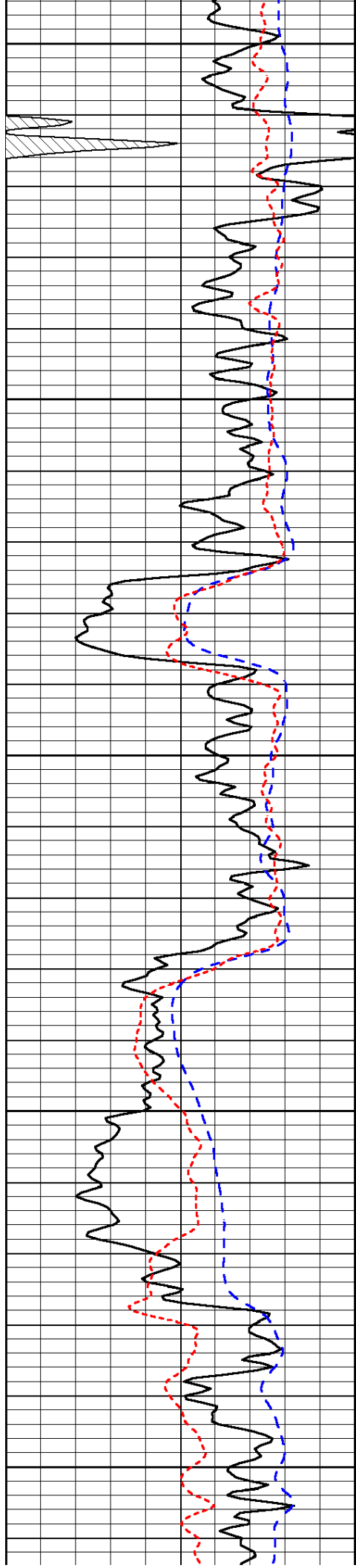


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2300

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2400

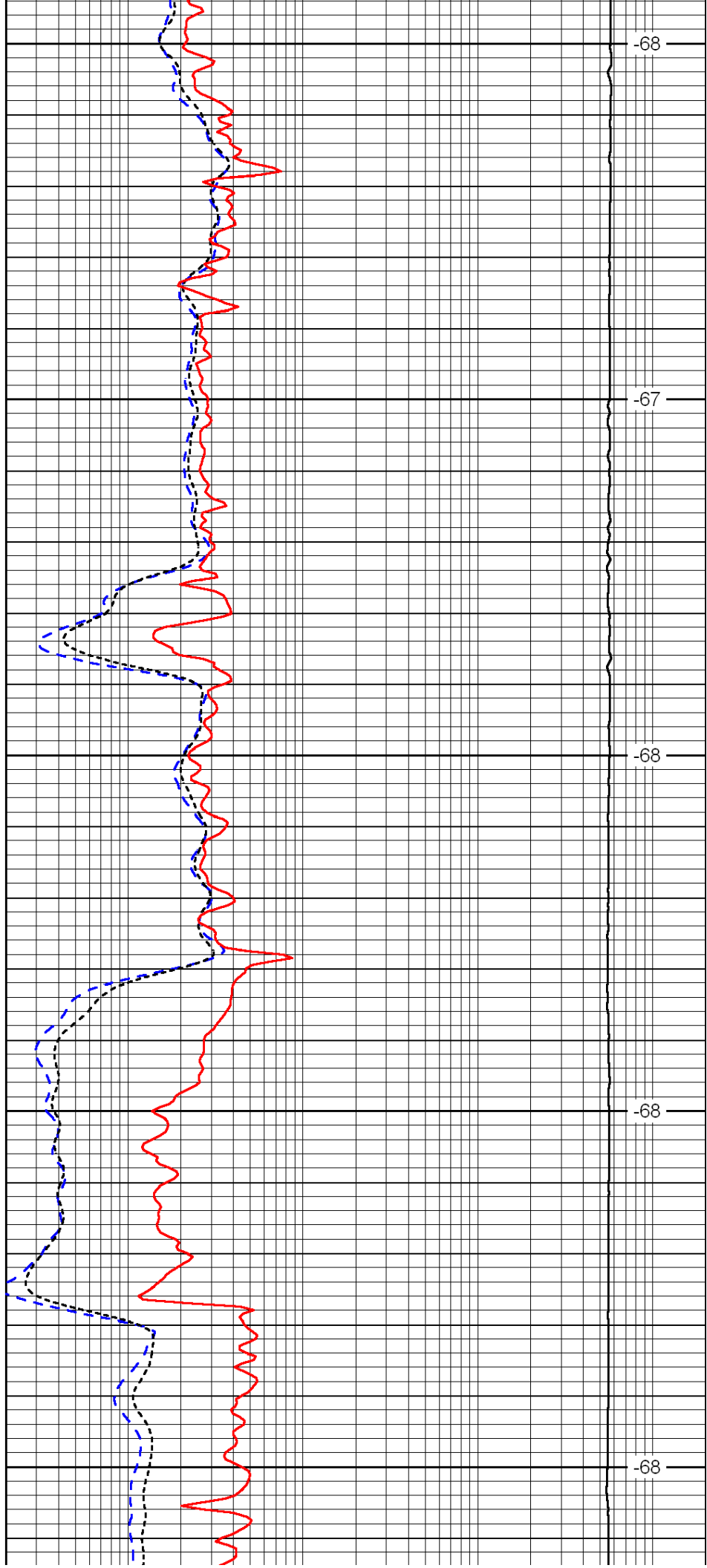
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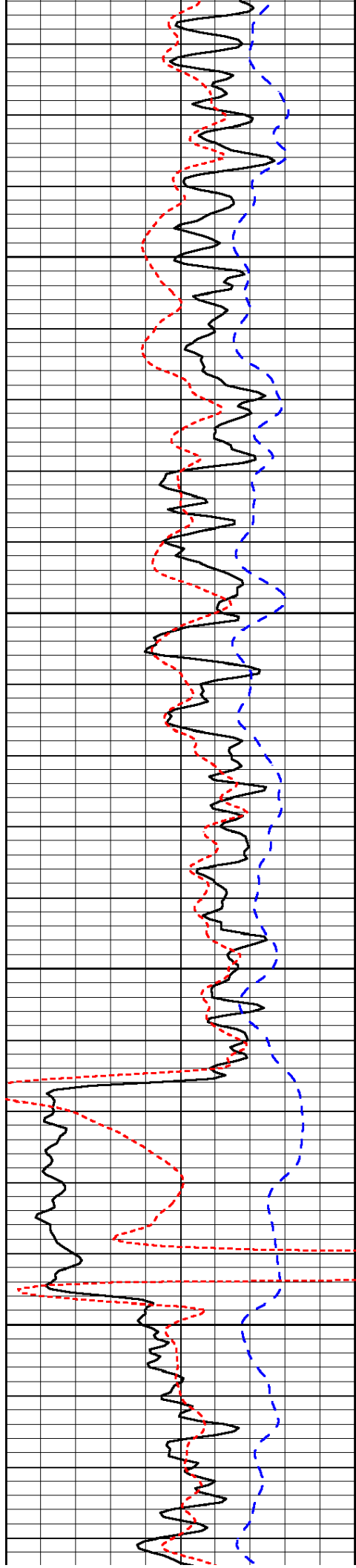
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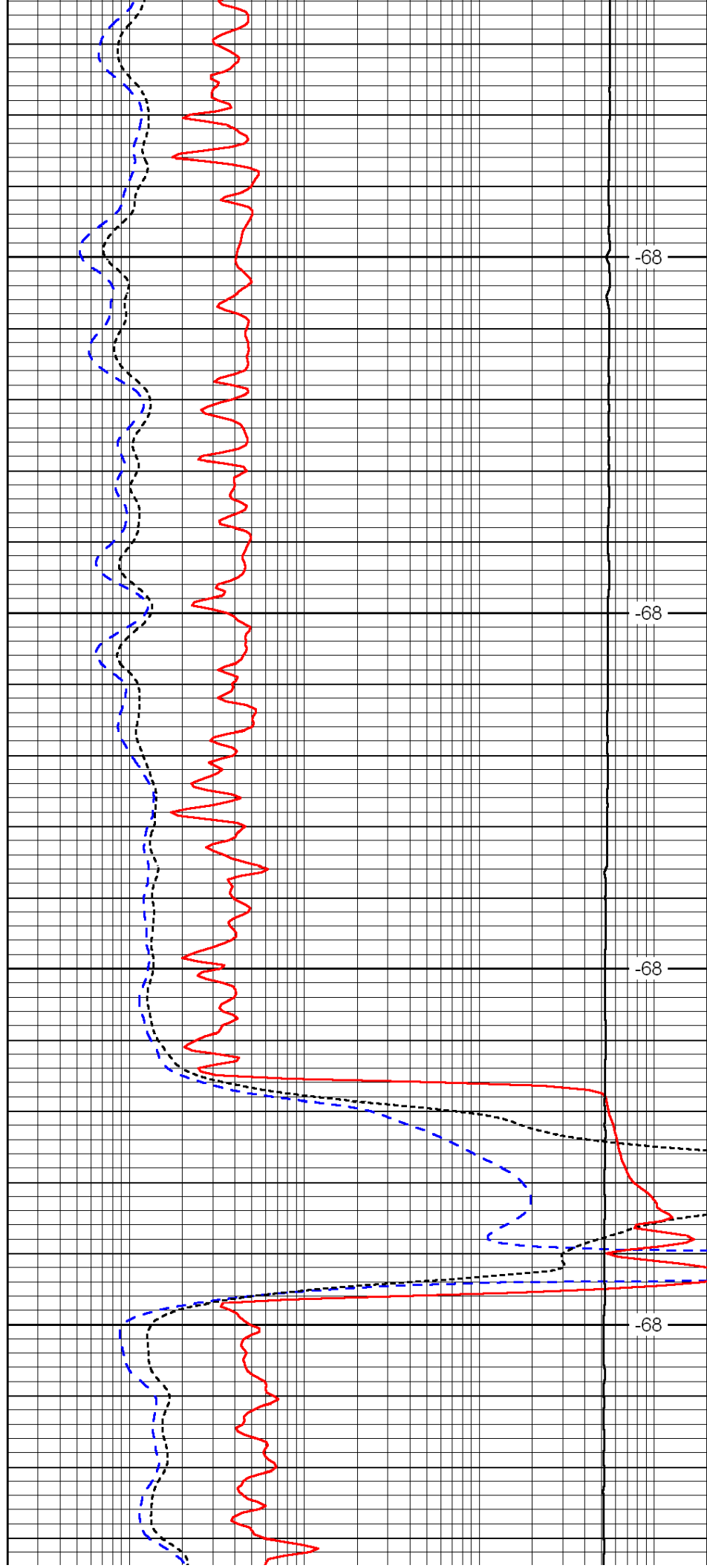


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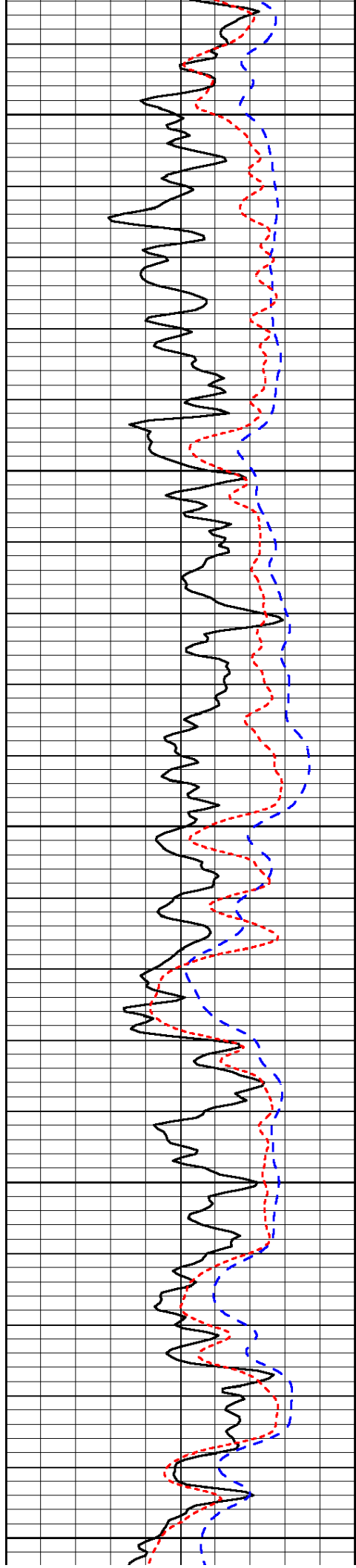


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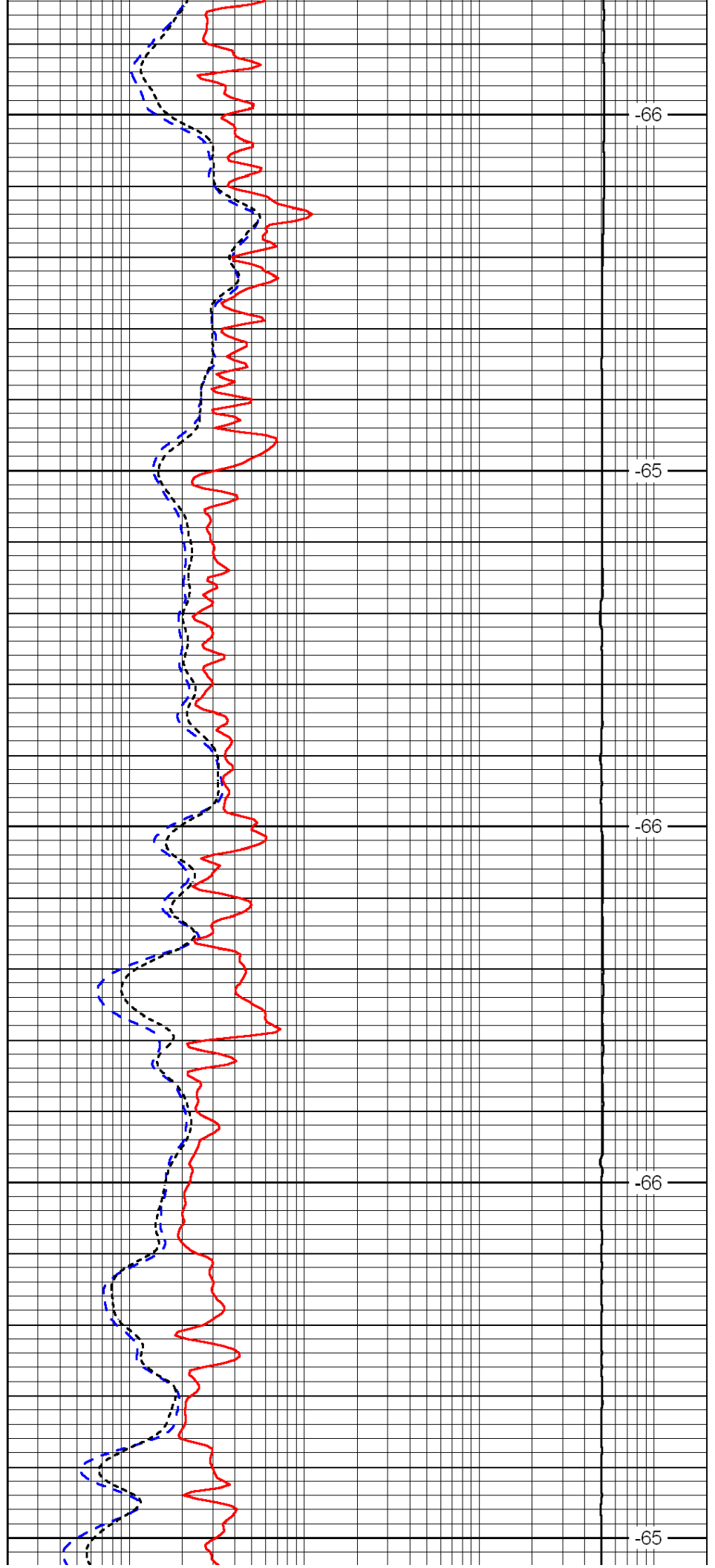
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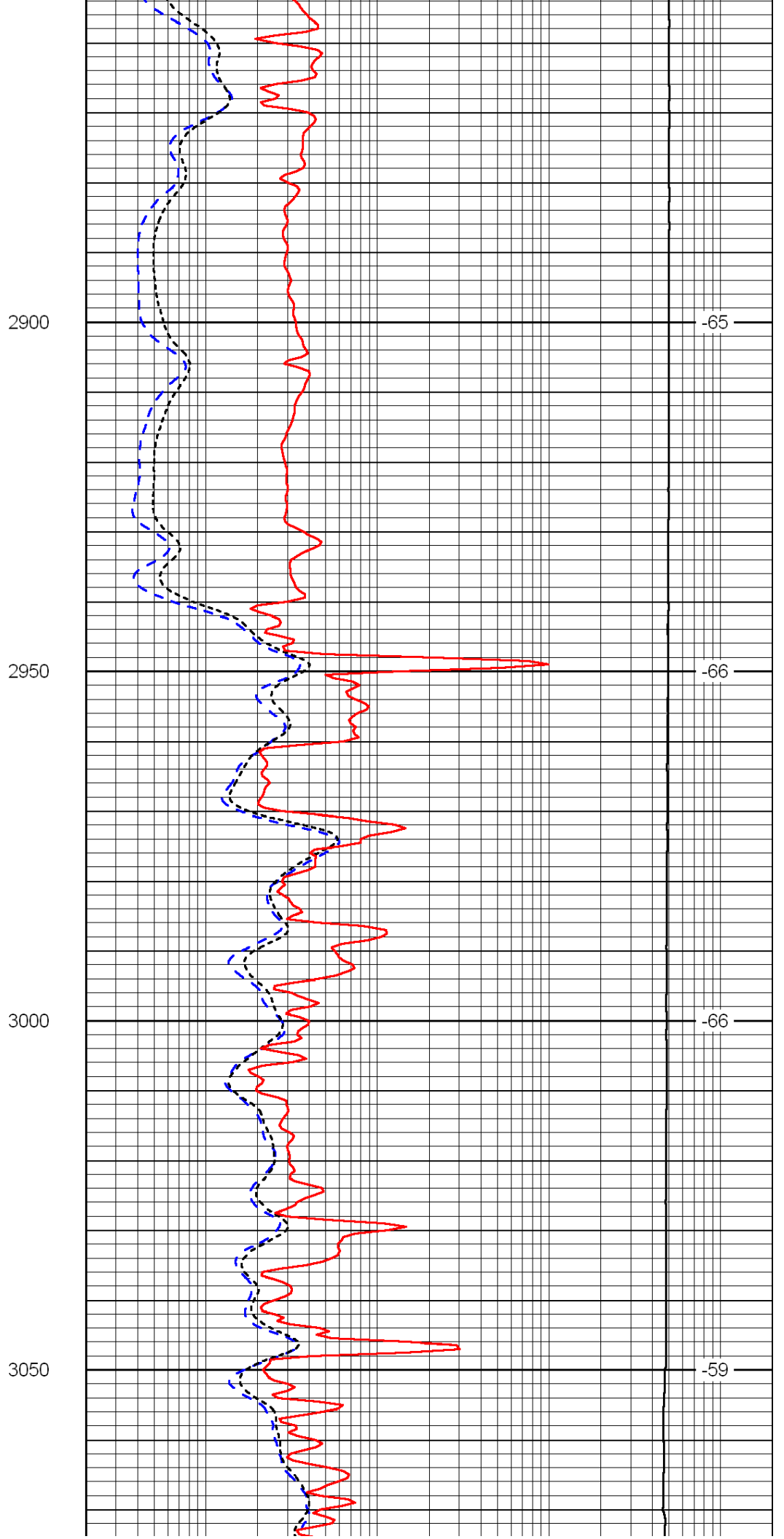
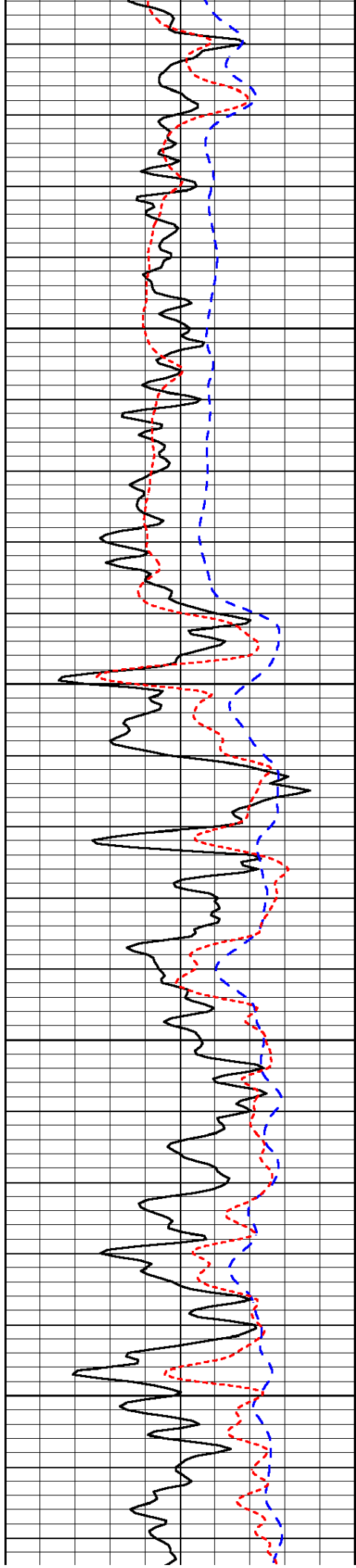
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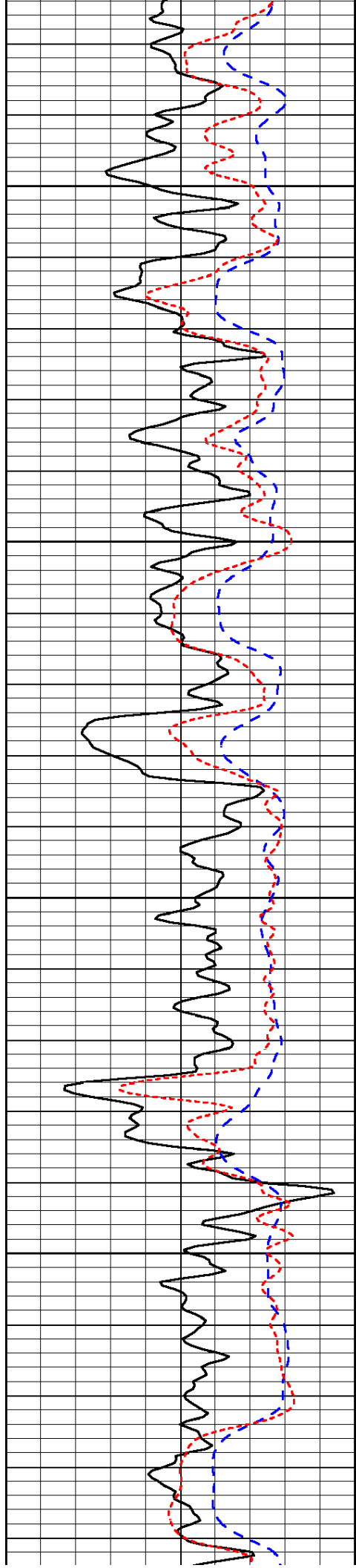
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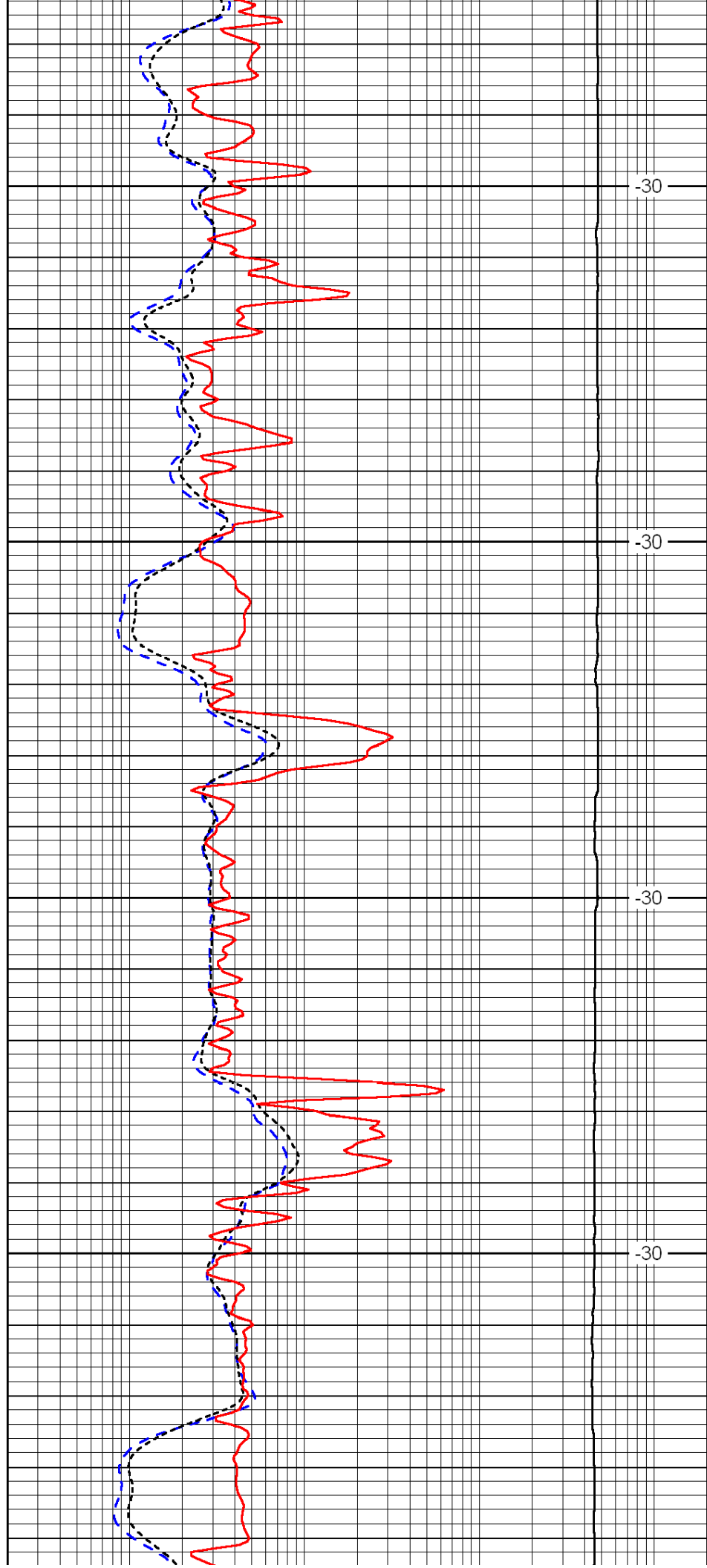


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3150

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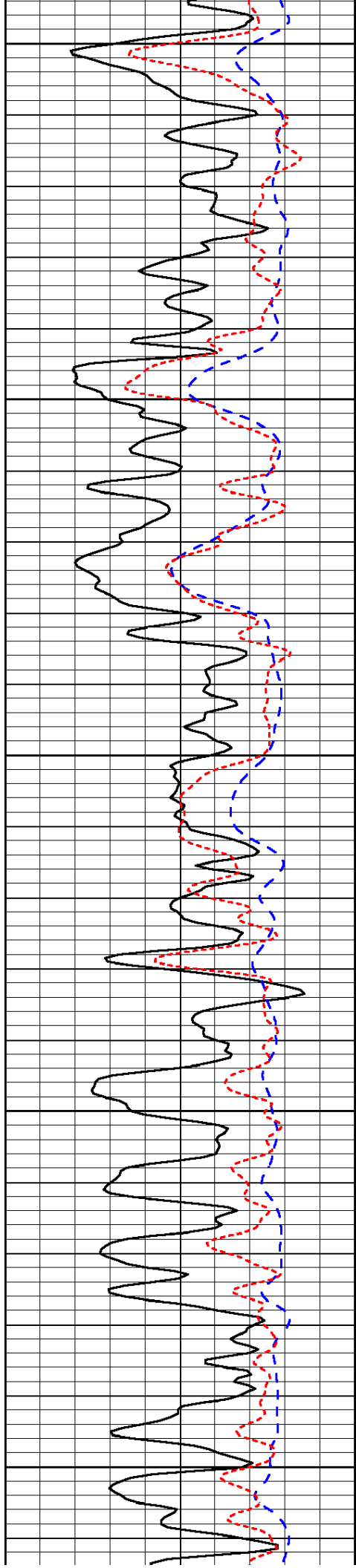


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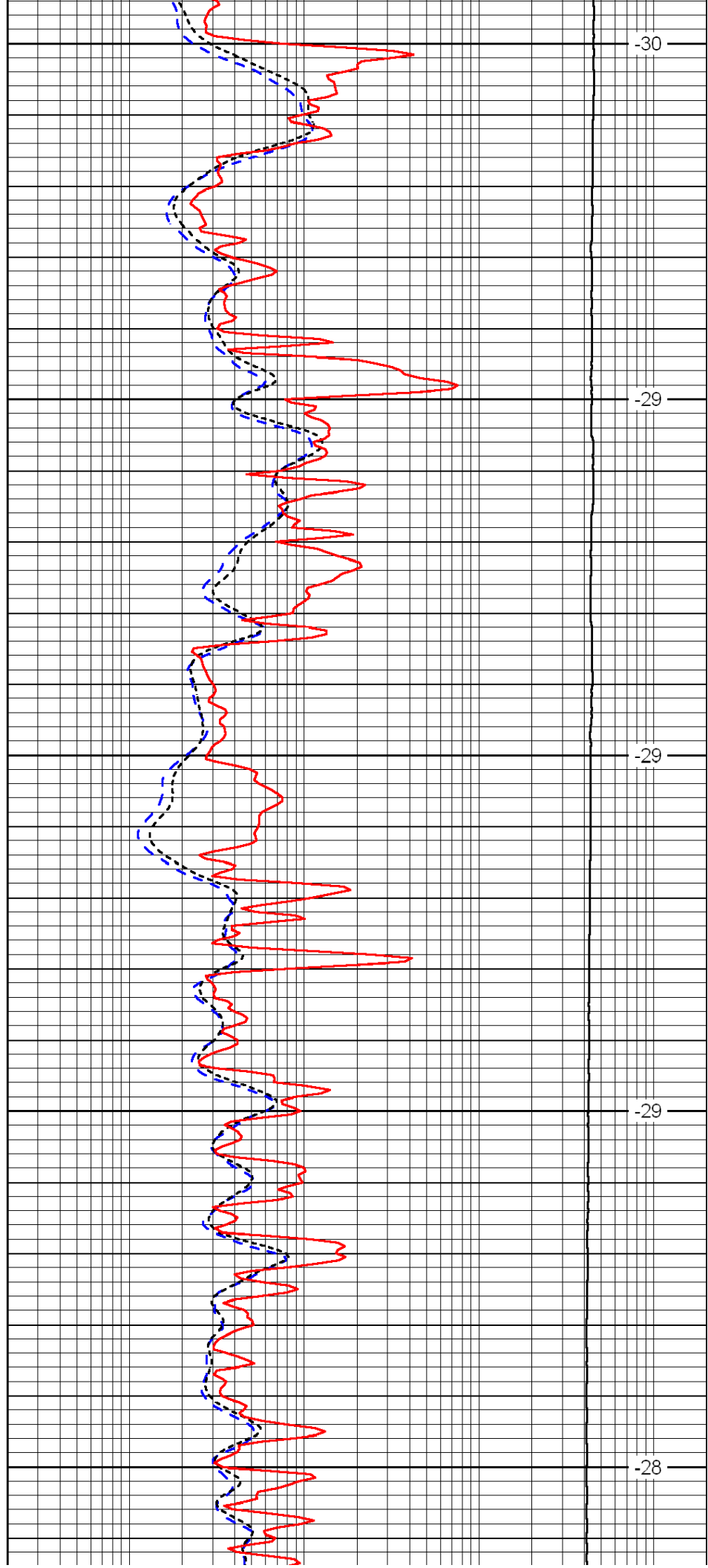
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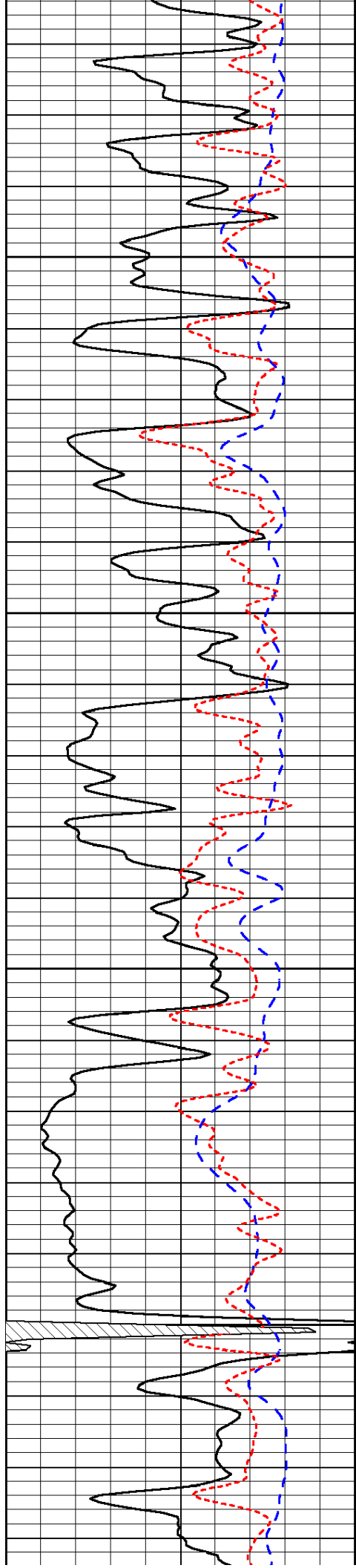
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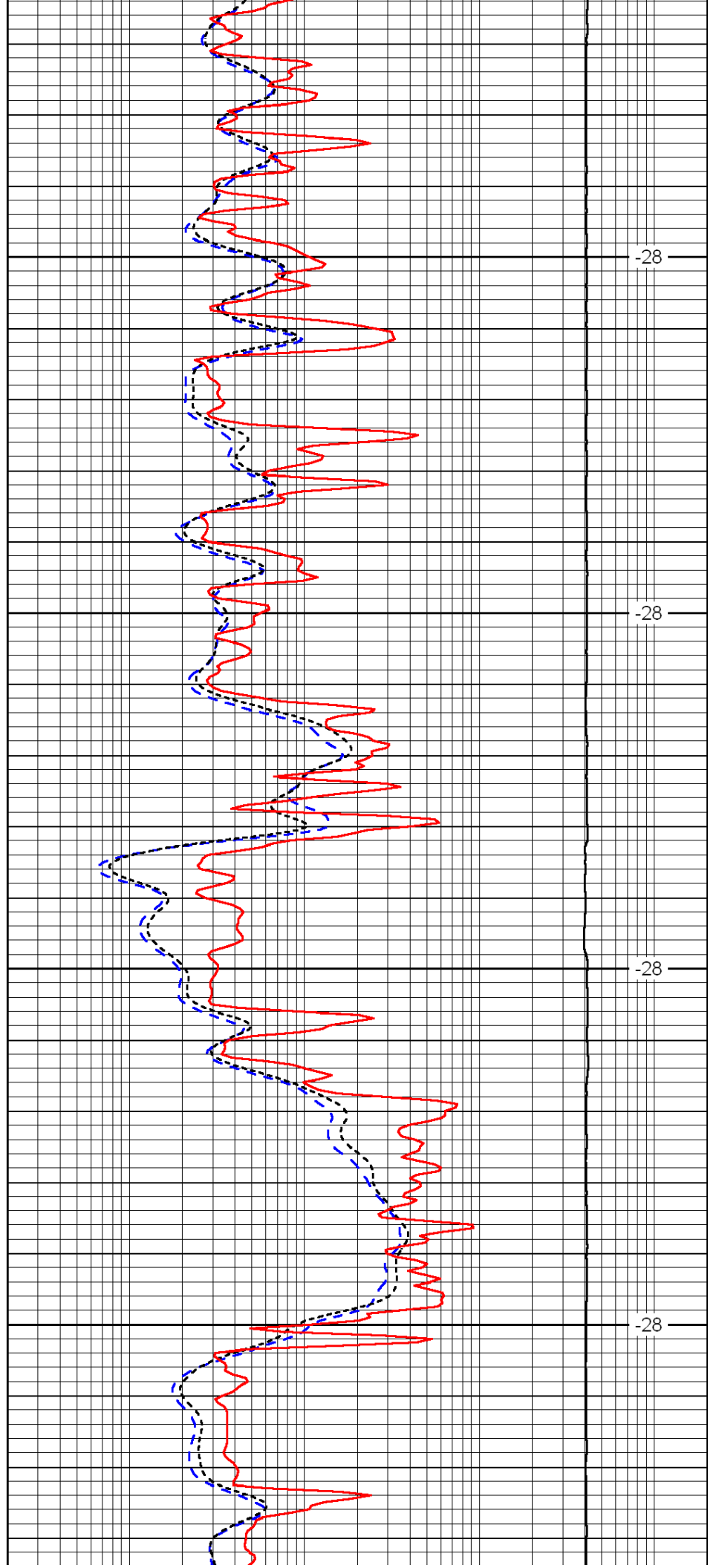


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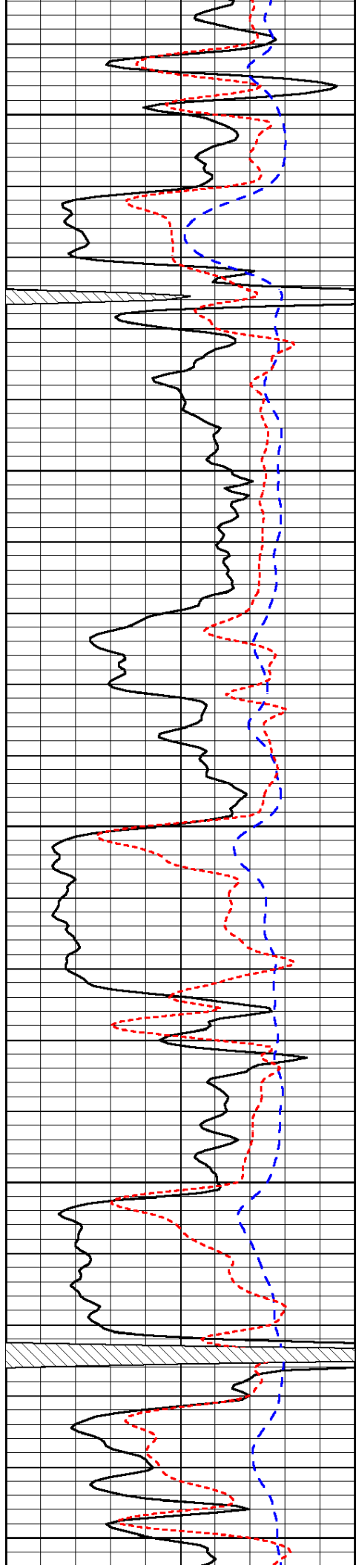


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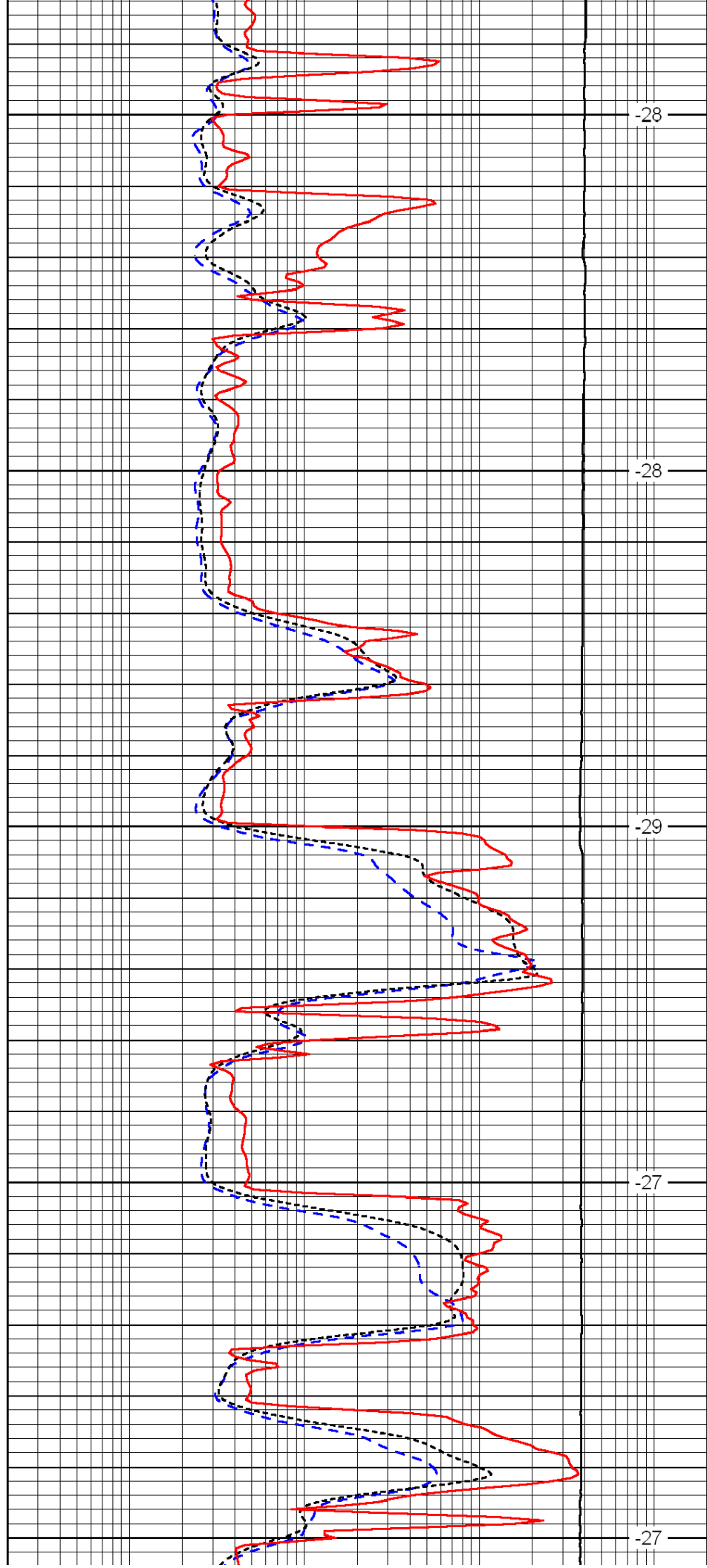
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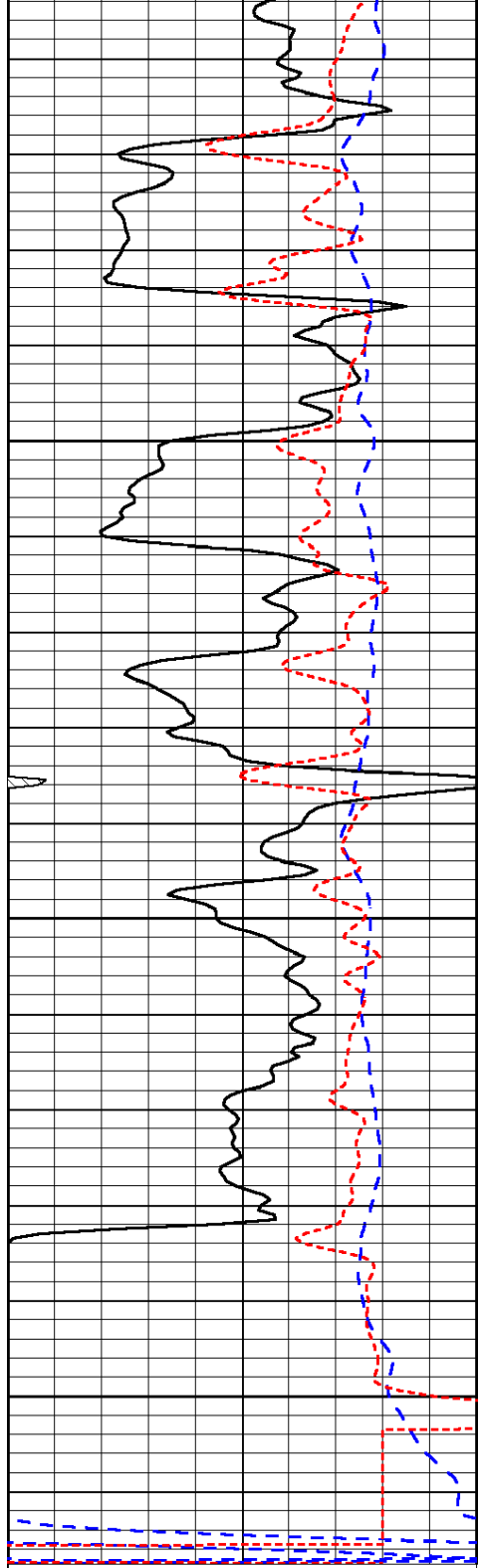
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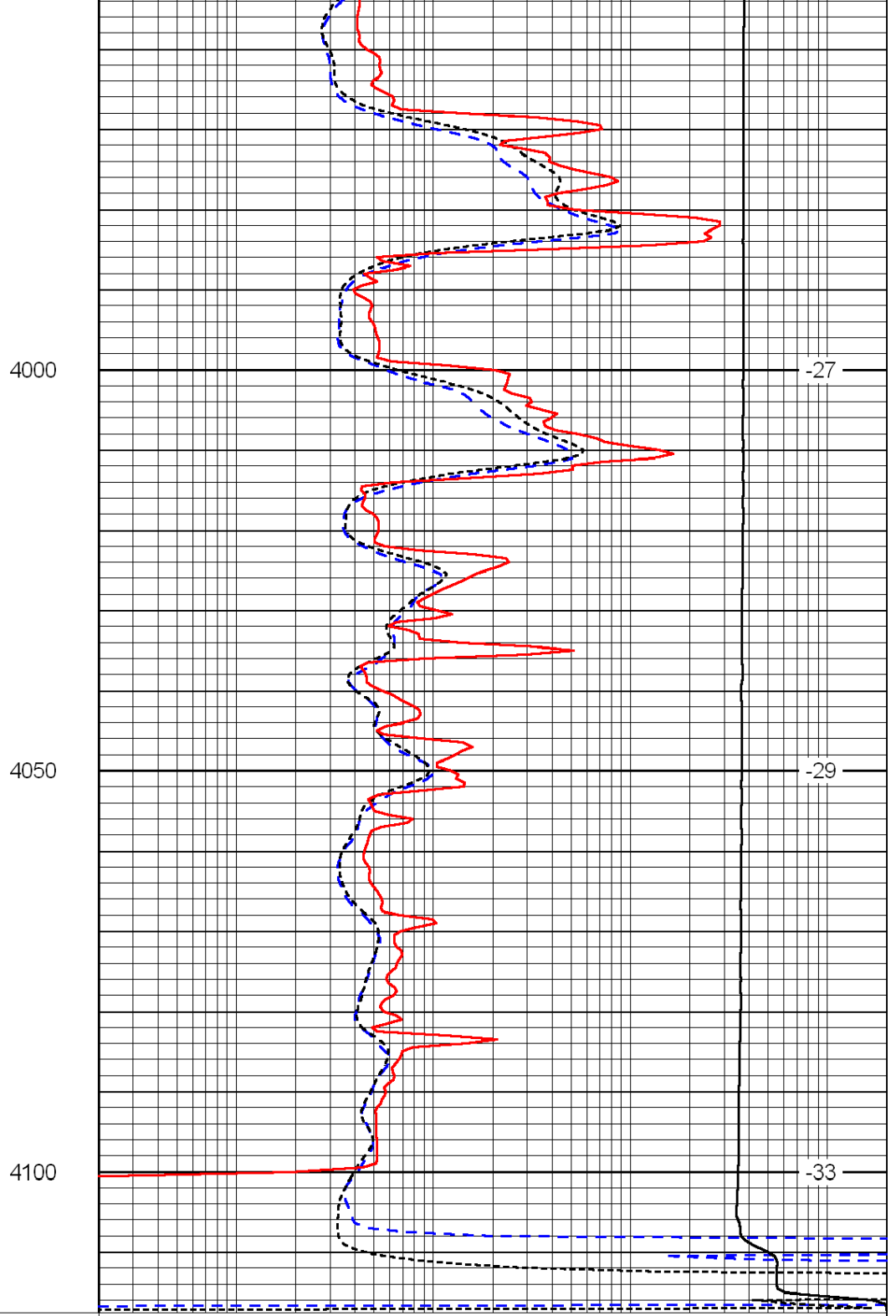
-29

-27

-27



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



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

LSPD