



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company Murfin Drilling Co., Inc.			
		Well Lundgren No. 1-36			
		Field Lundgren			
		County Gove	State	Kansas	
15-063-21,915-00-00		Location 1800' FSL & 330' FEL		Other Services CNL/CDL MEL/BHCS	
Permanent Datum		Sec: 36	Twp: 14 S	Rge: 30 W	Elevation
Log Measured From Kelly Bushing					K.B. 2692
Drilling Measured From Kelly Bushing					D.F. 2687
Date		5/24/2011			
Run Number		One			
Depth Driller		4450			
Depth Logger		4448			
Bottom Logged Interval		4447			
Top Log Interval		0			
Casing Driller		8.625 @ 221			
Casing Logger		217			
Bit Size		7.875			
Type Fluid in Hole		Chemical			
Salinity, ppm CL		2,500			
Density / Viscosity		9.2	48		
pH / Fluid Loss		10.0	7.6		
Source of Sample		Flowline			
Rm @ Meas. Temp		.85 @ 65			
Rmf @ Meas. Temp		.64 @ 65			
Rmc @ Meas. Temp		1.15 @ 65			
Source of Rmf / Rmc		Charts			
Rm @ BHT		.45 @ 123			
Operating Rig Time		5 Hours			
Max Rec. Temp. F		123			
Equipment Number		4			
Location		Hays			
Recorded By		K. Bange			
Witnessed By		Robert Hendrix			

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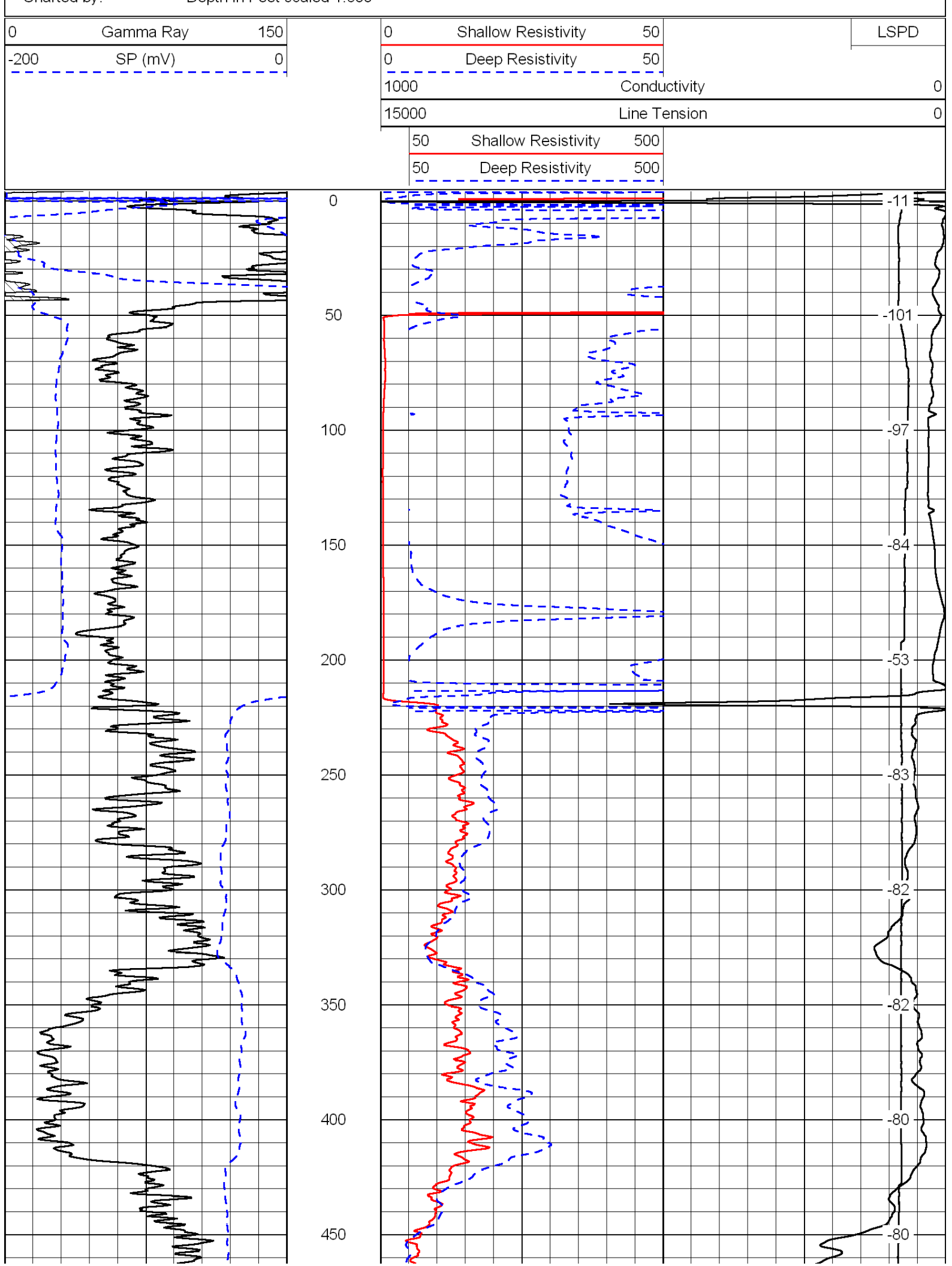
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

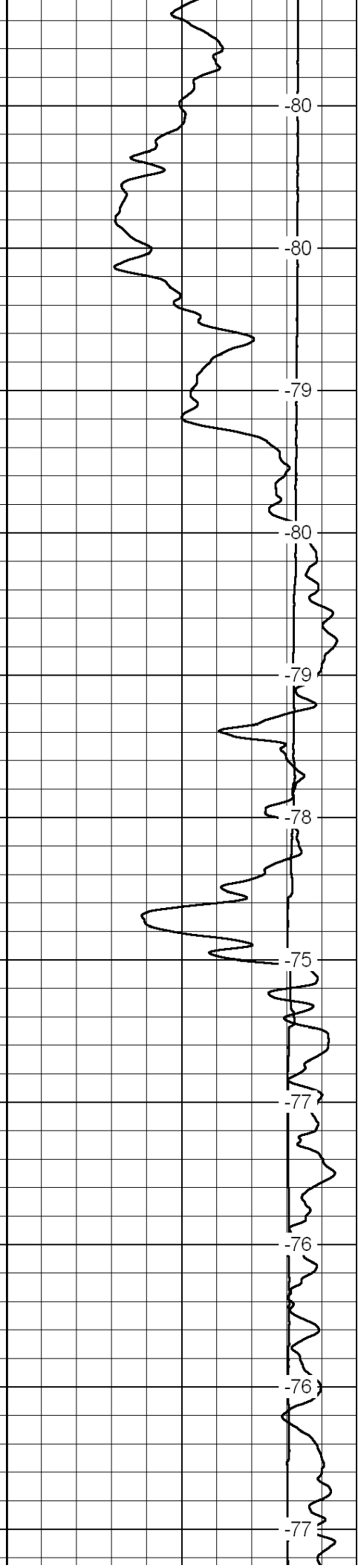
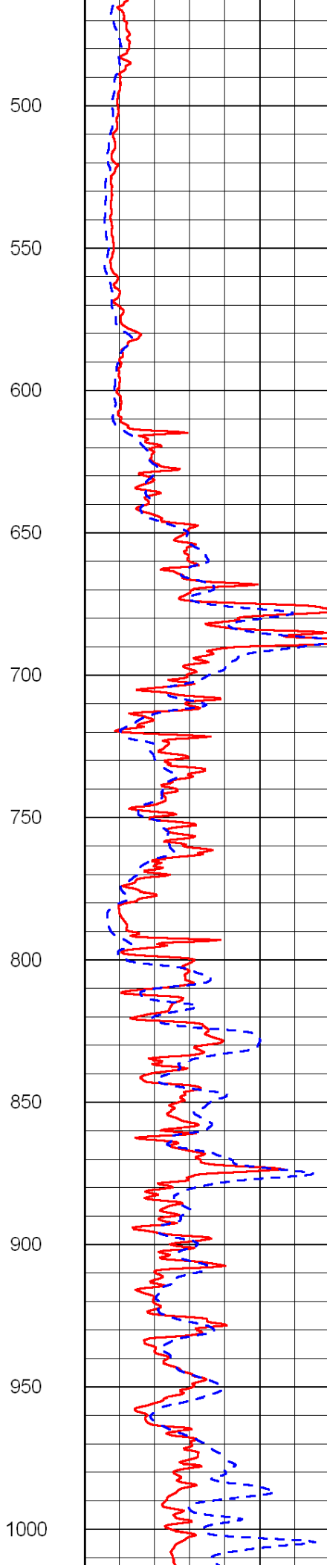
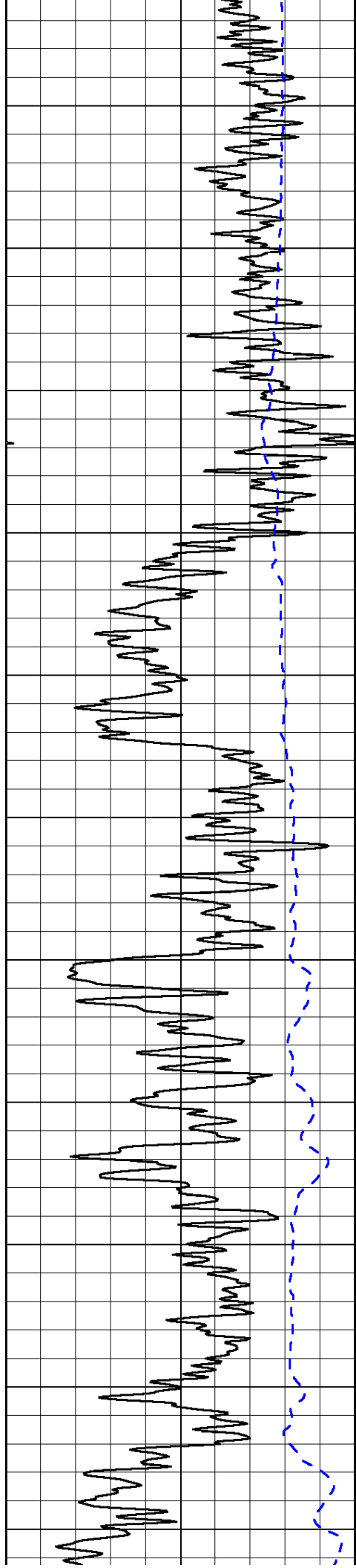
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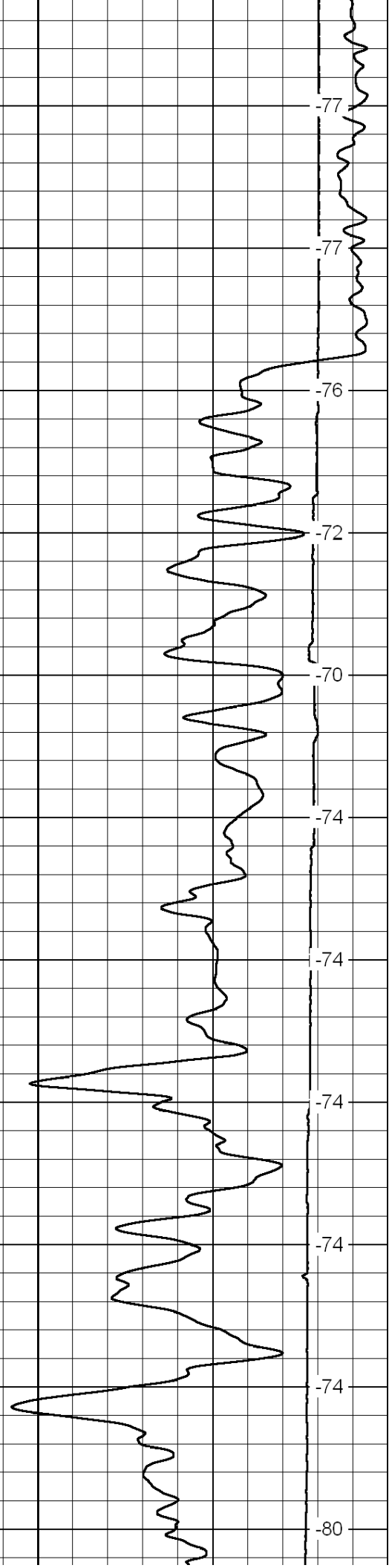
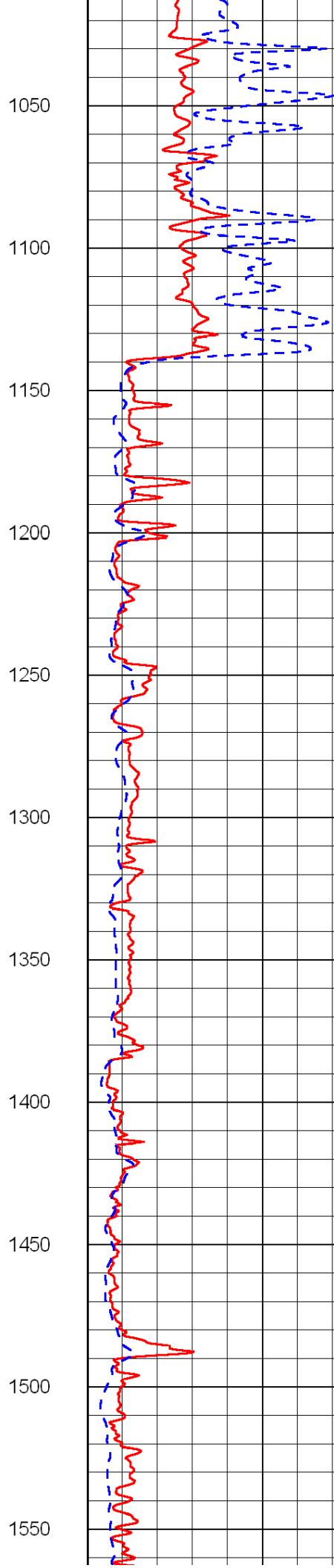
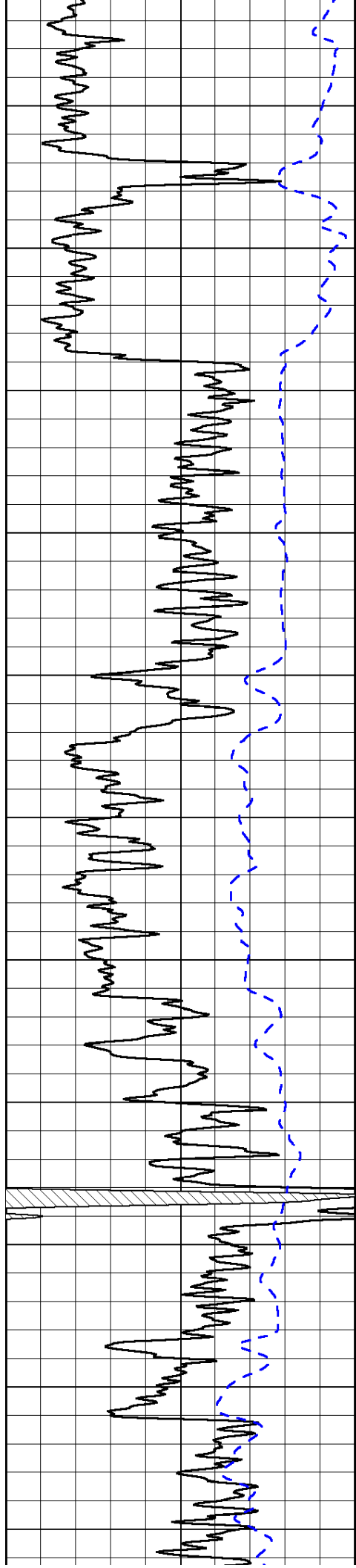
Thank you for using Log-Tech, Inc.
(785) 625-3858

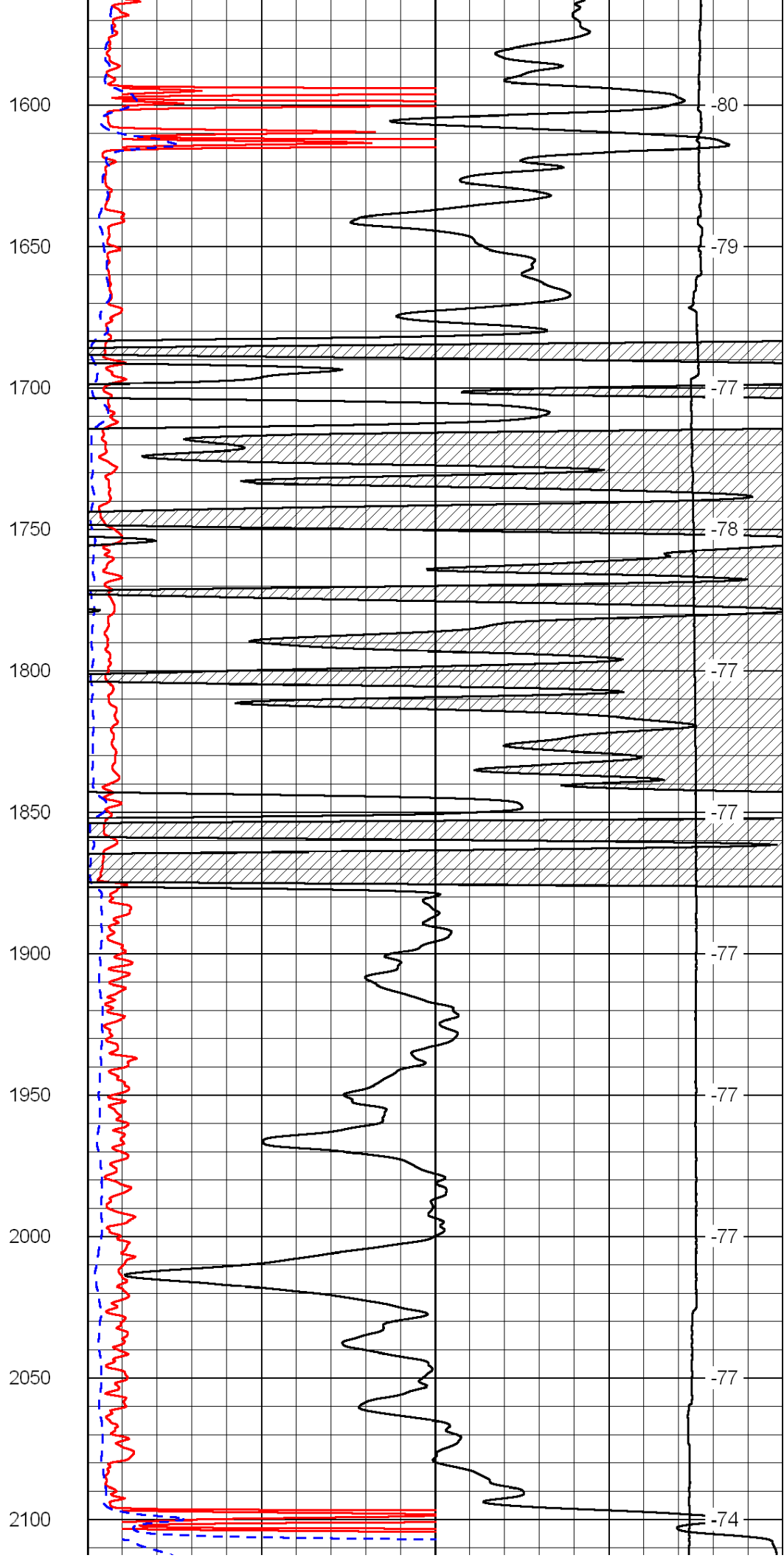
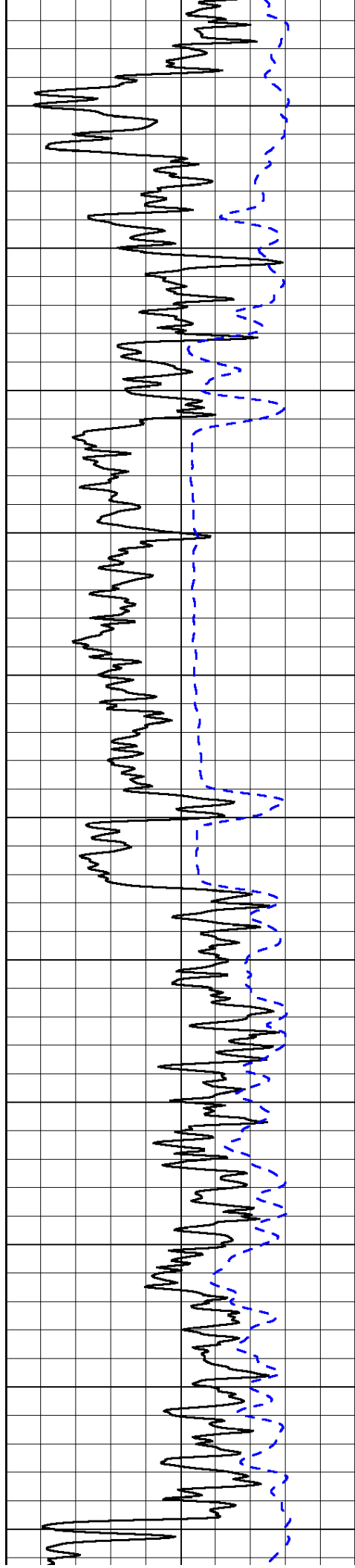
Gove, 10 S, 5 W, 1 1/2 S to wellsite

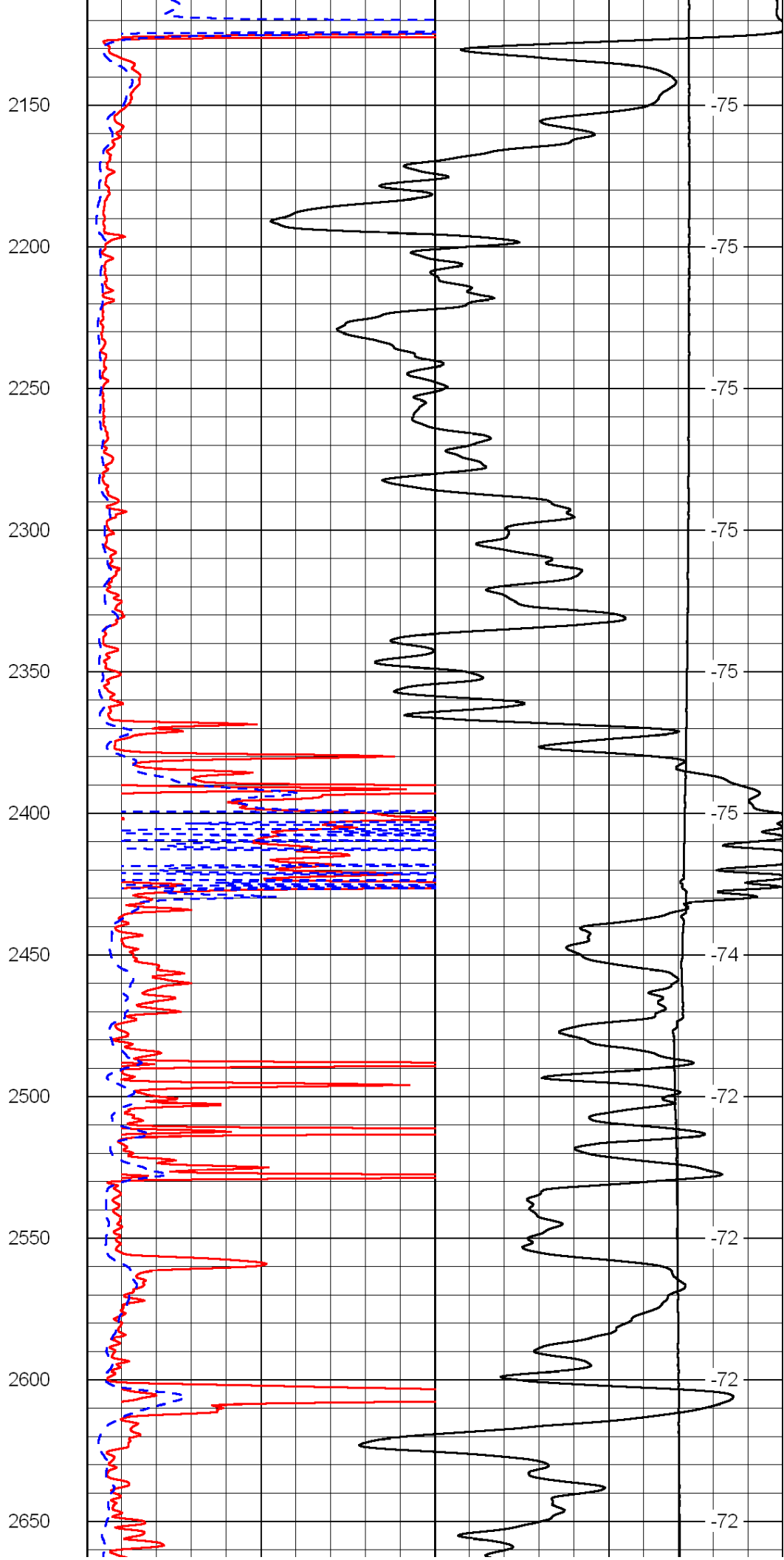
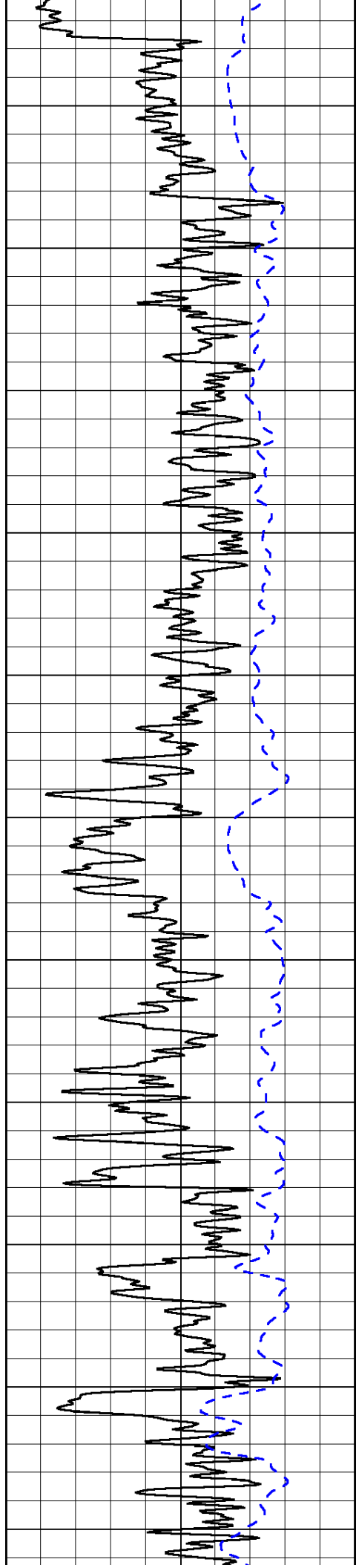
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Dataset Creation: Tue May 24 23:38:01 2011
Charted by: Depth in Feet scaled 1:600

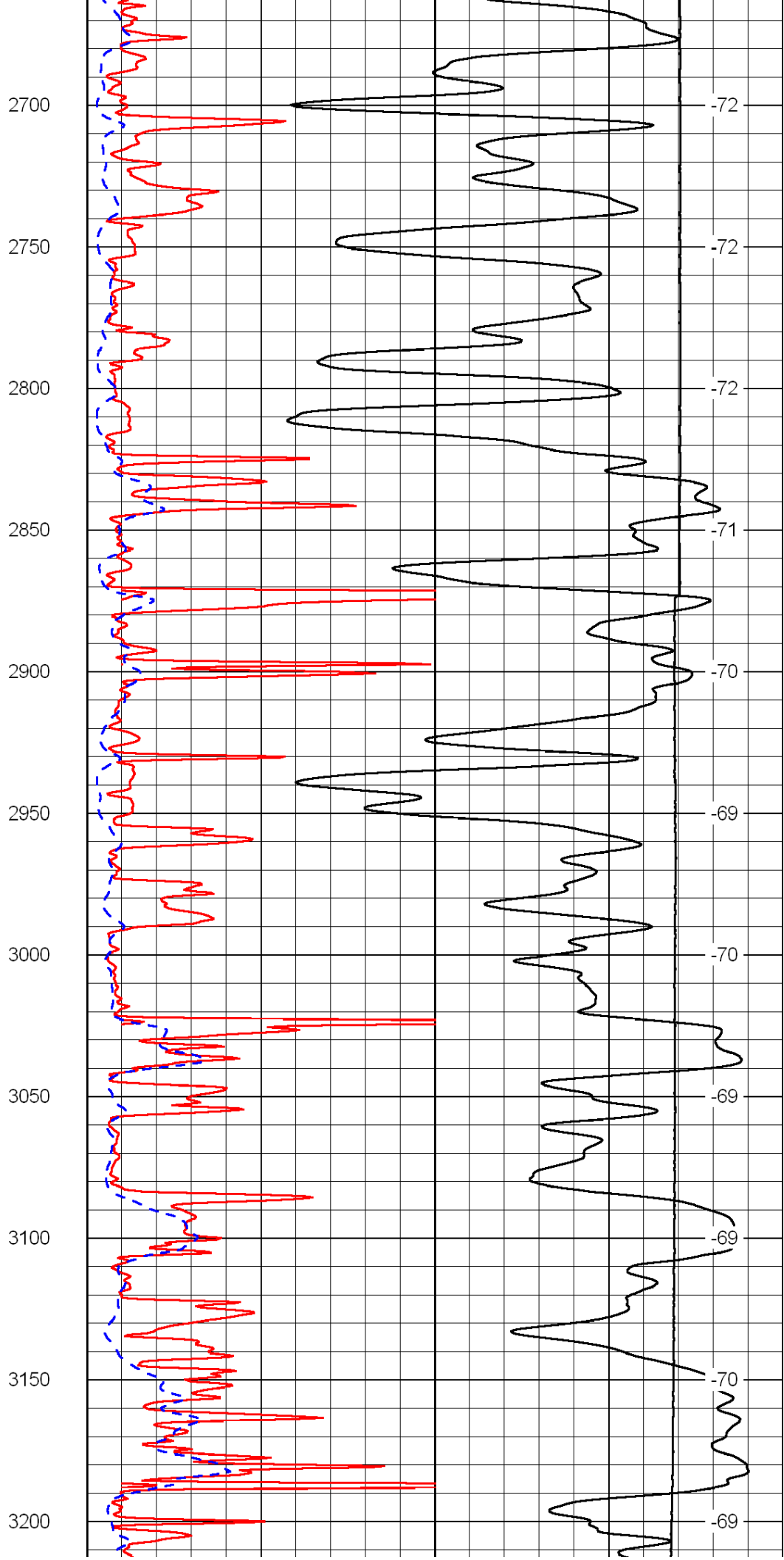
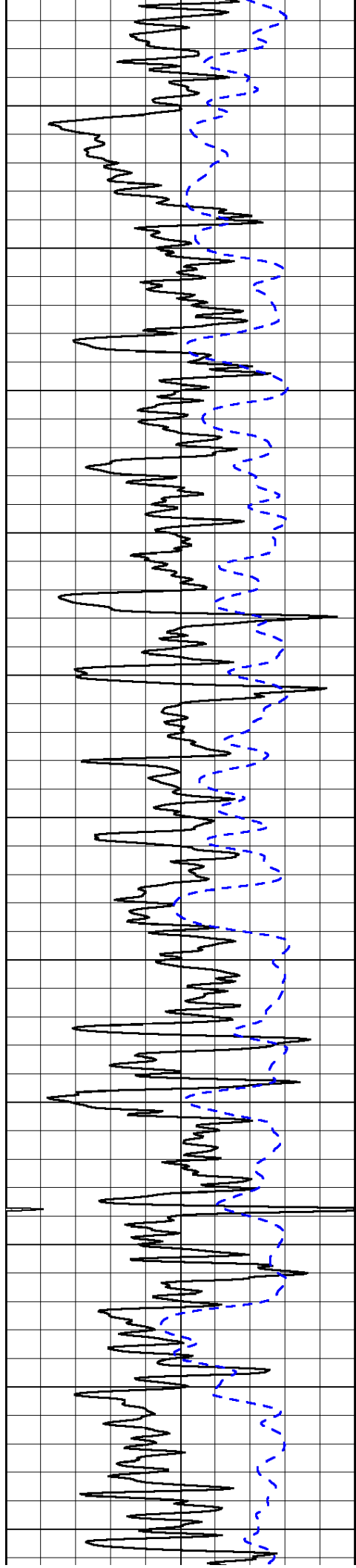


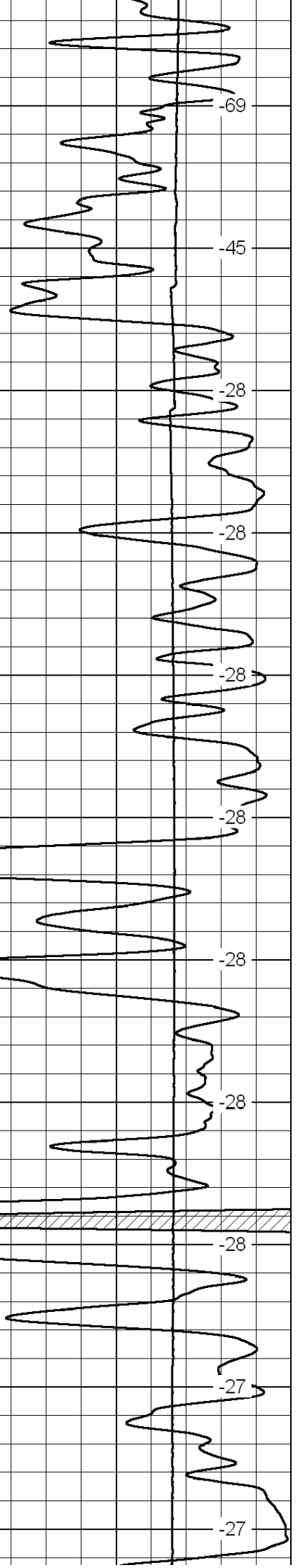
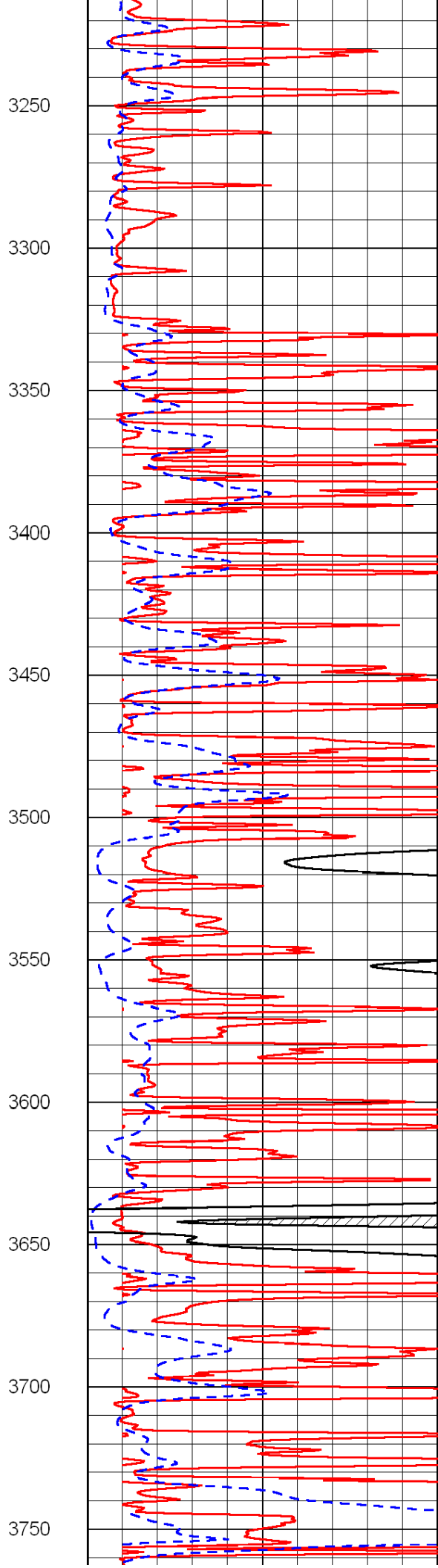
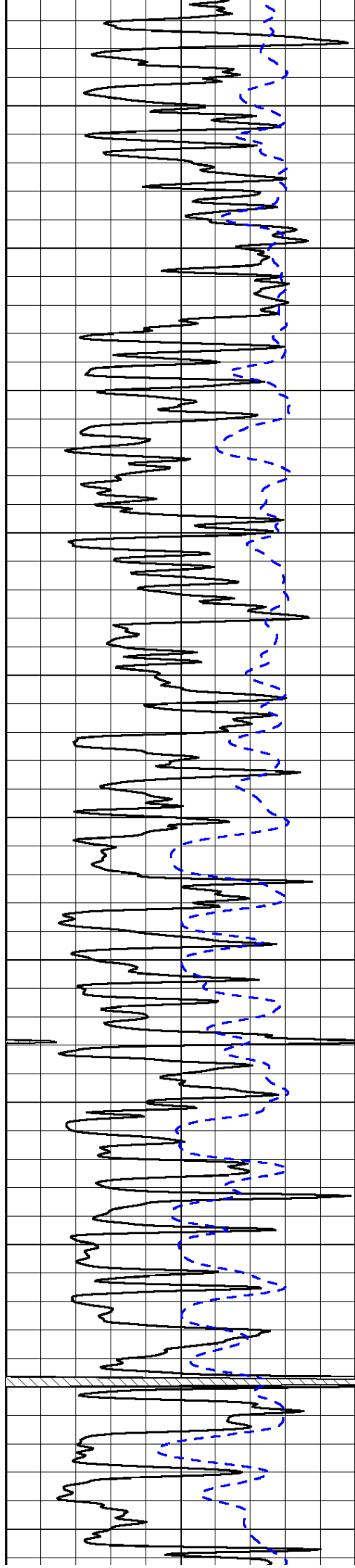


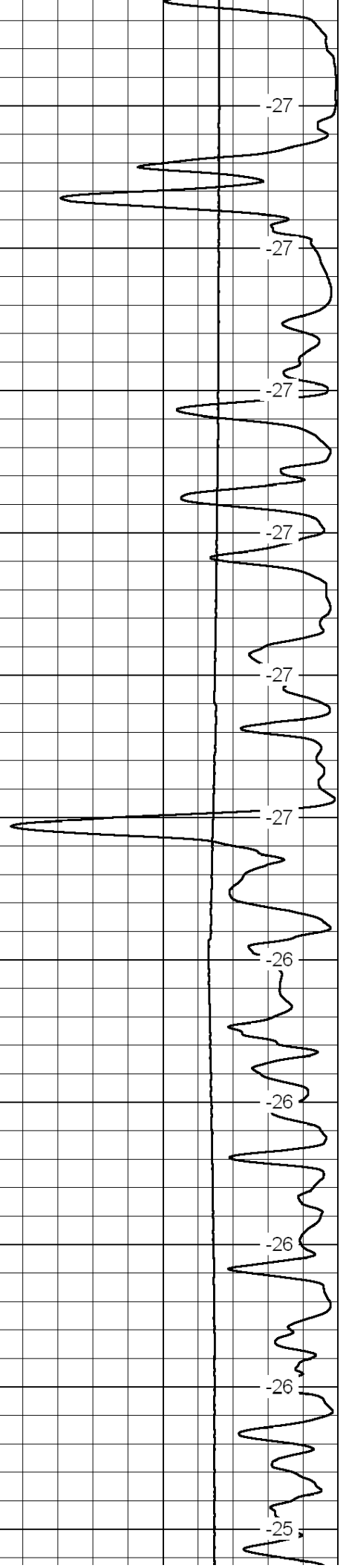
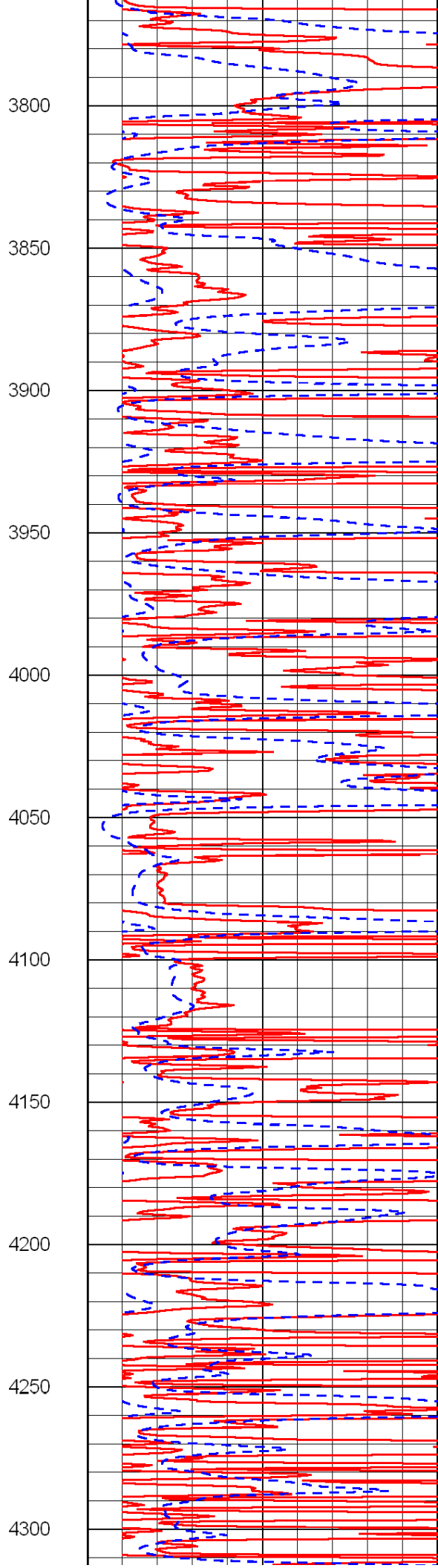
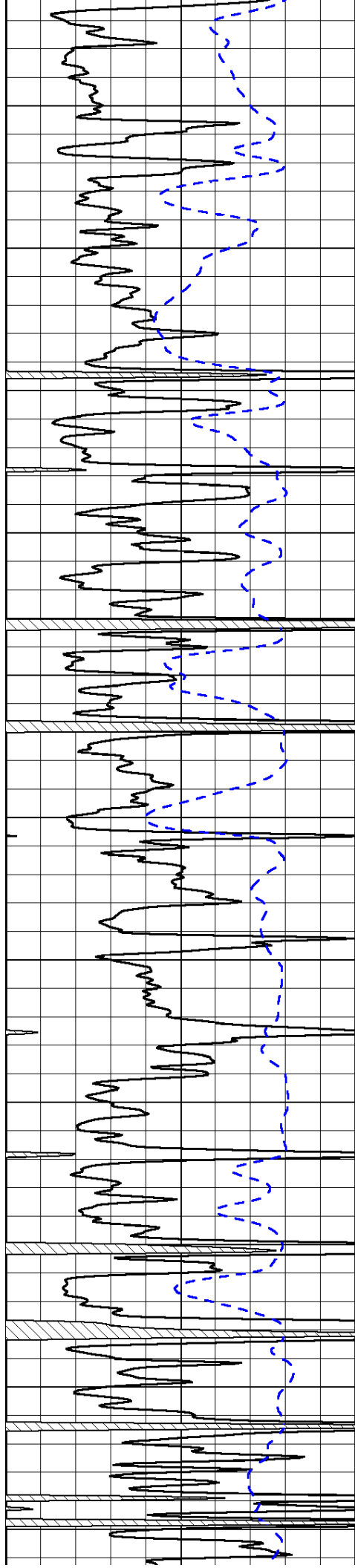


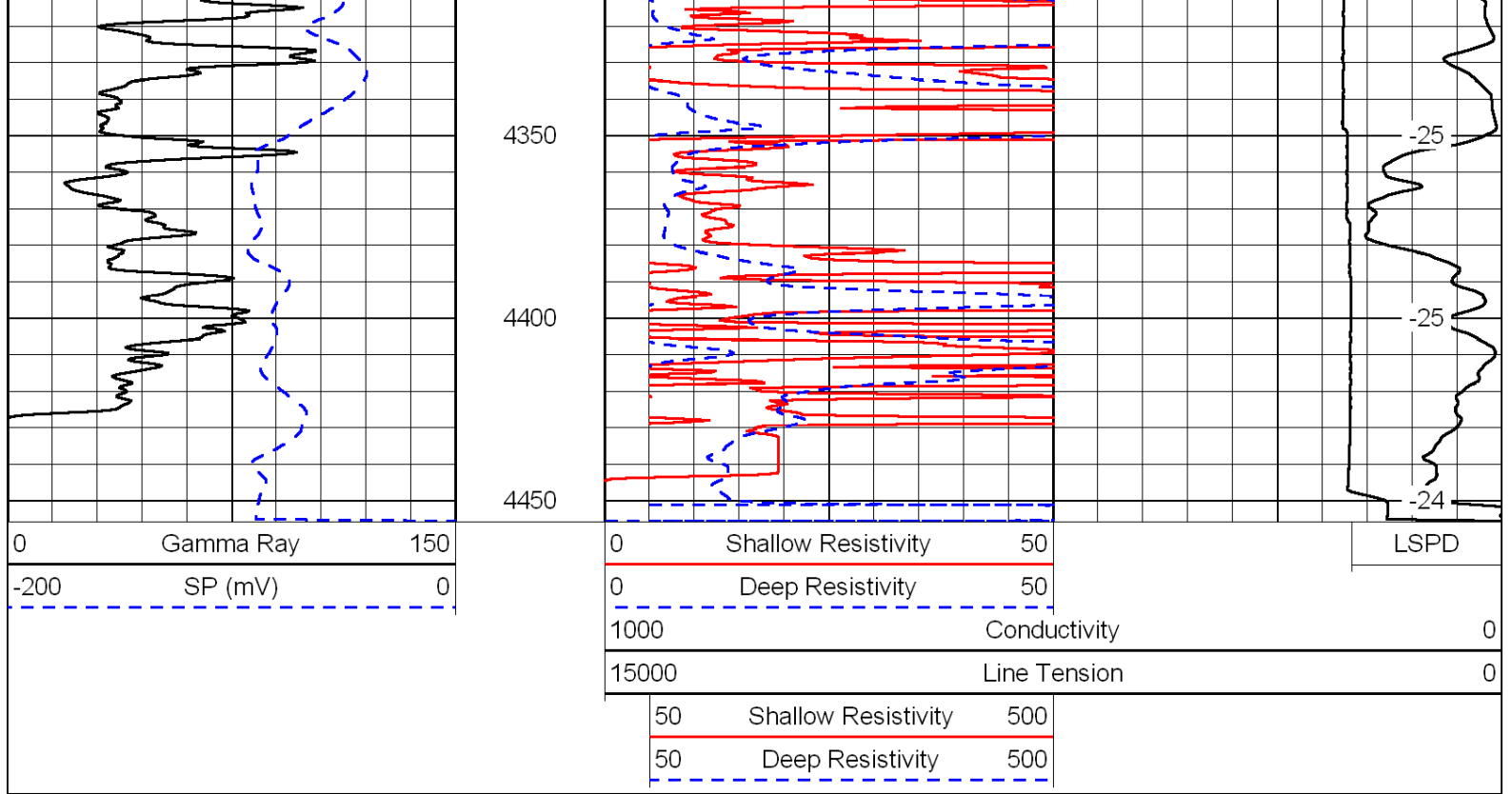




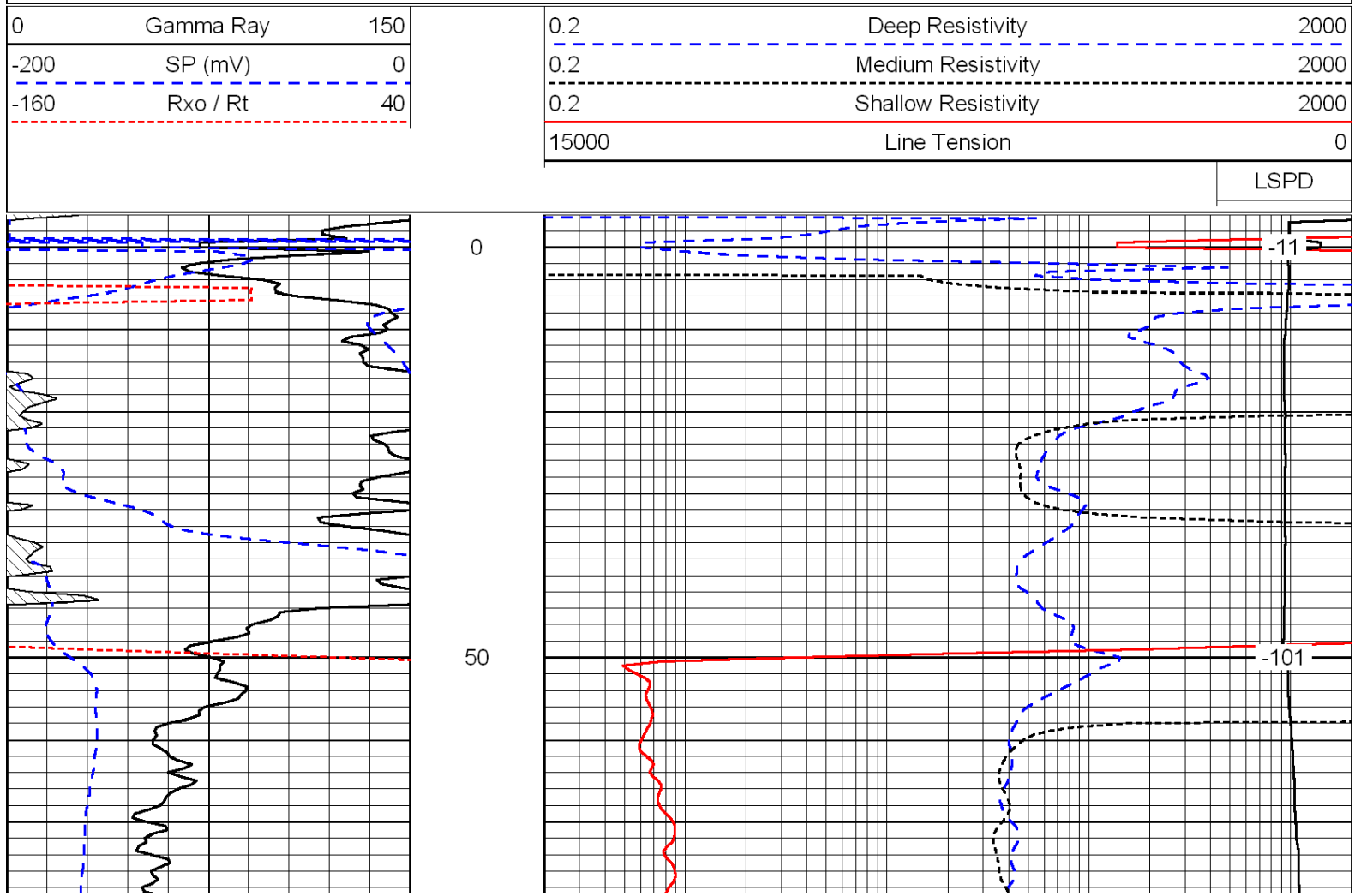


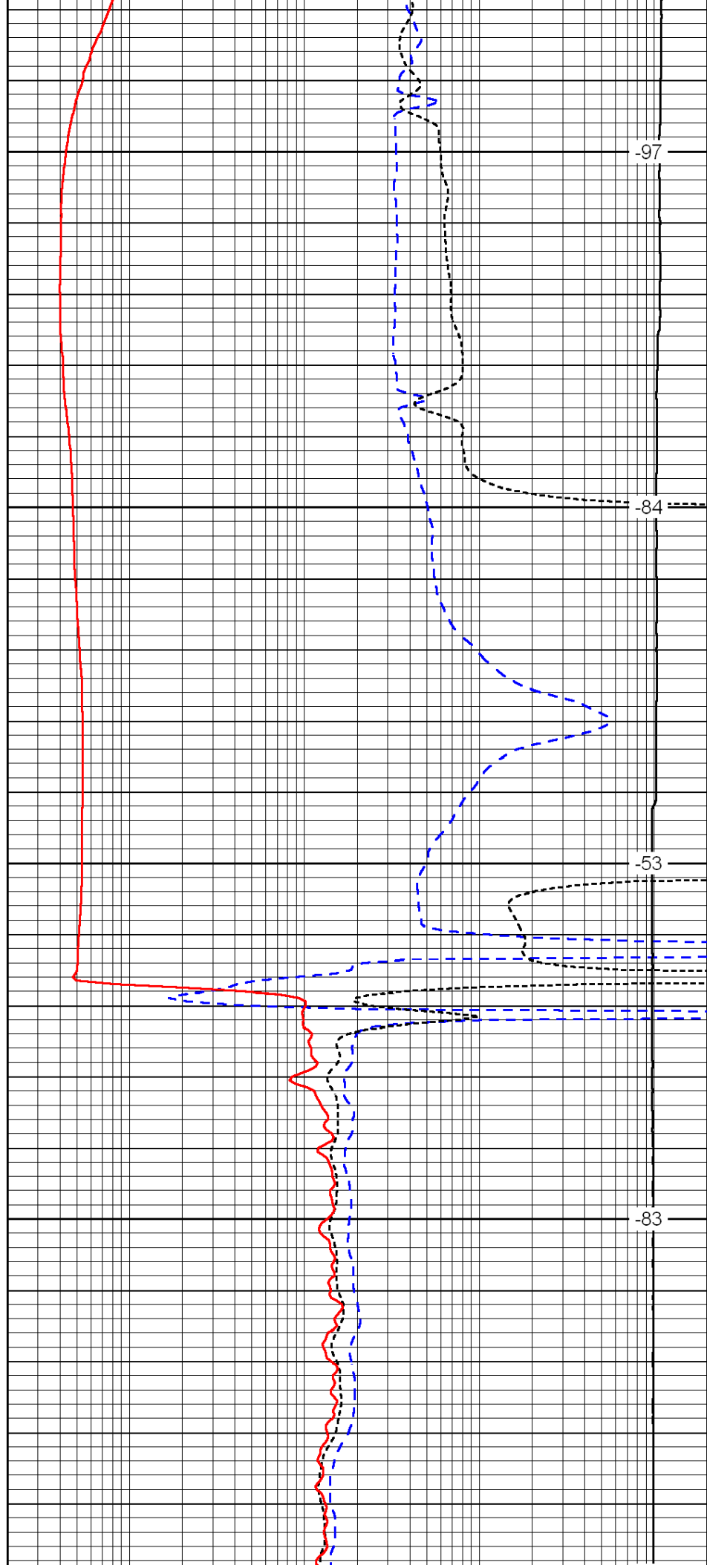
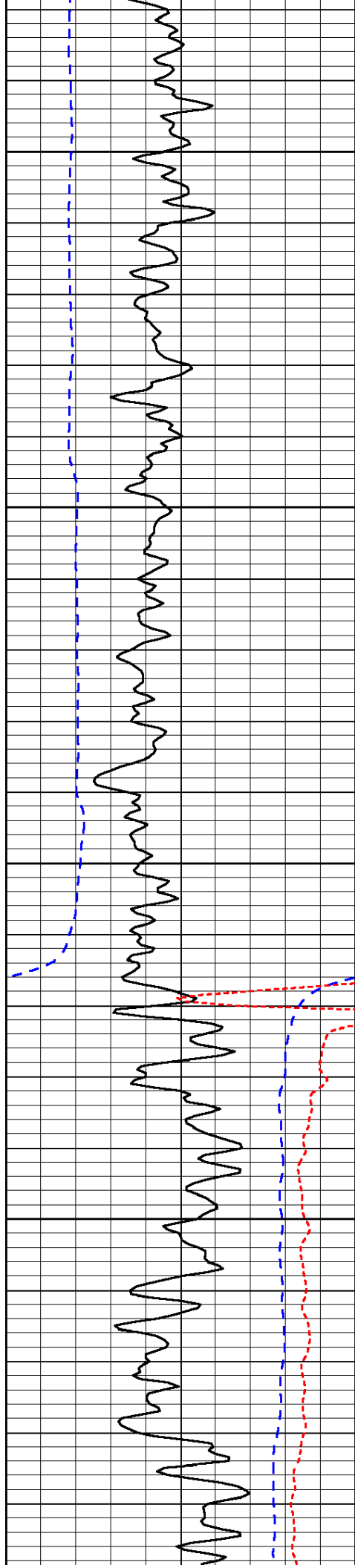


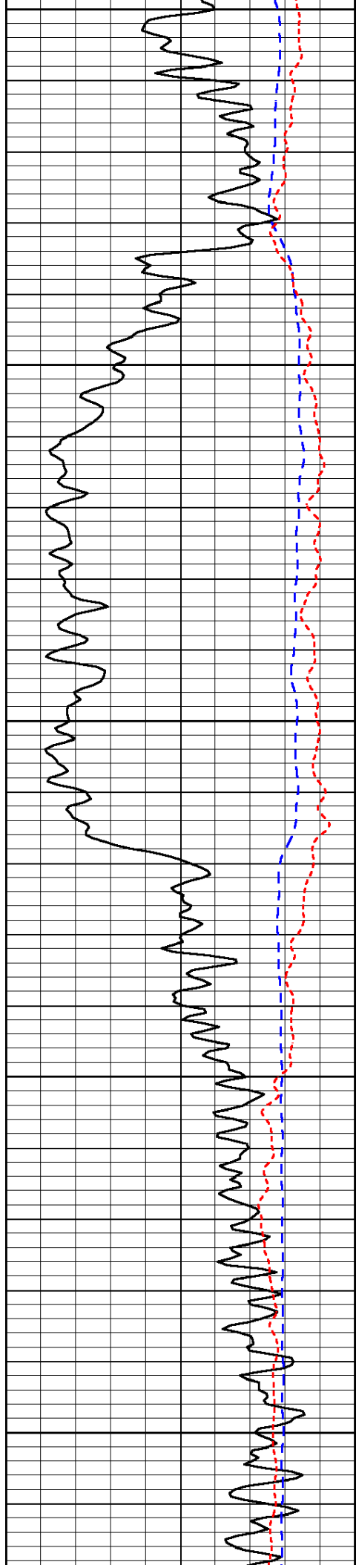




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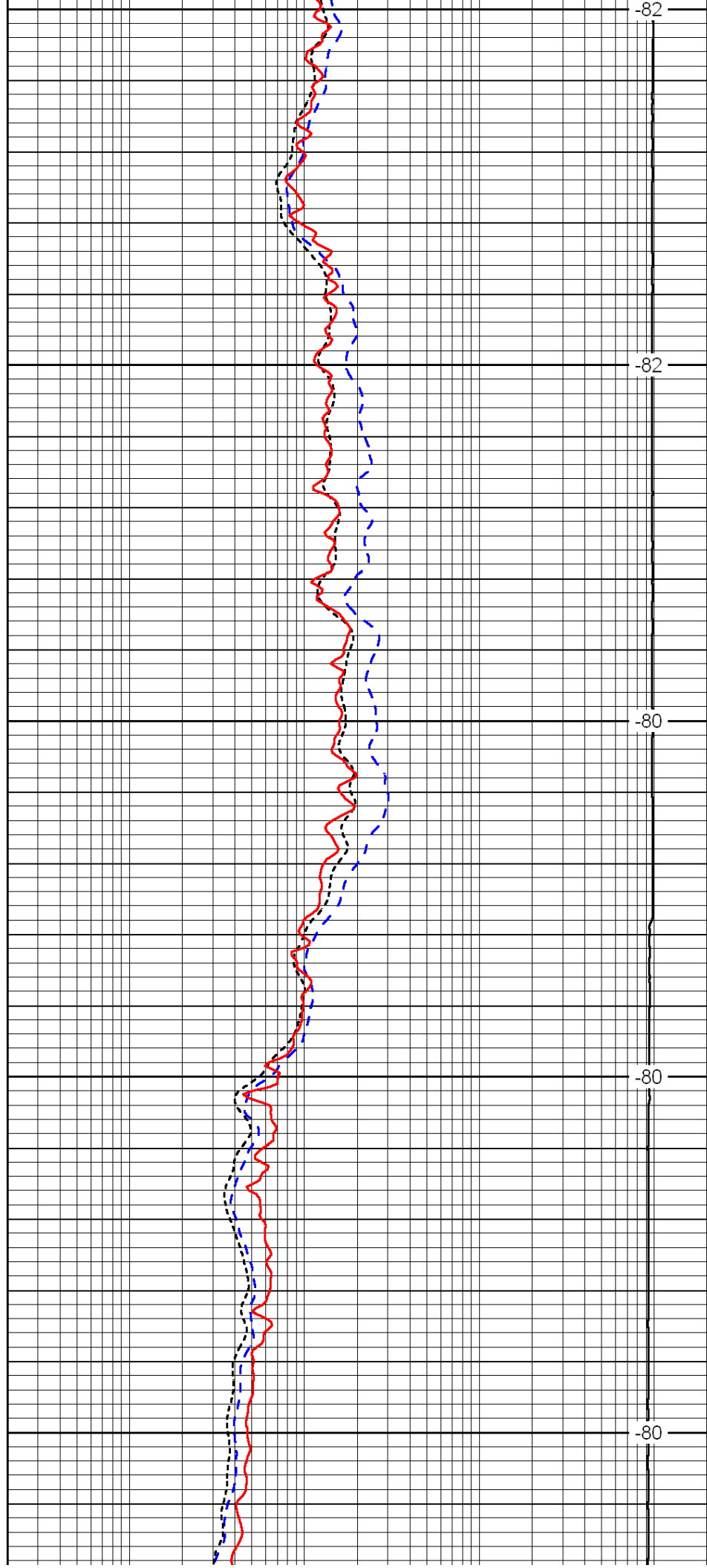
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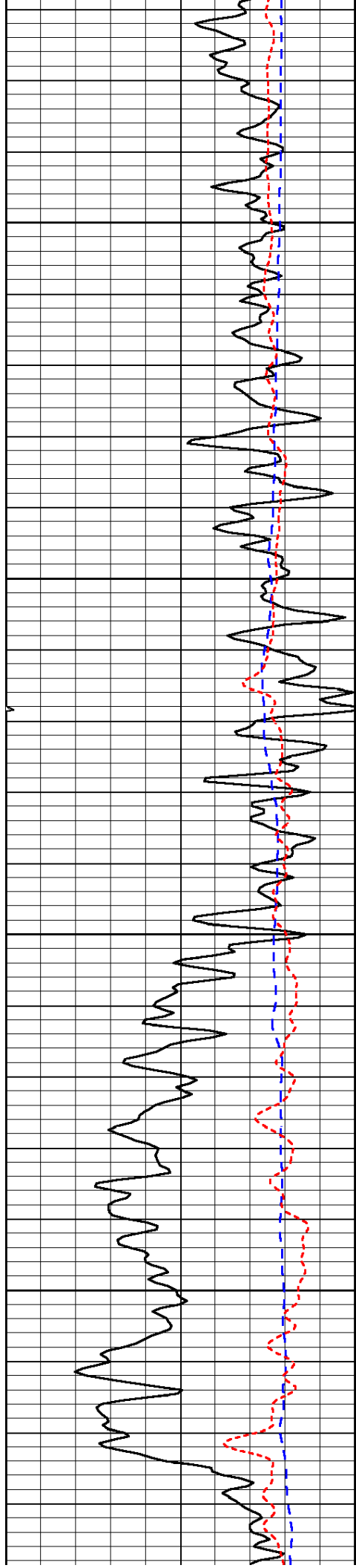
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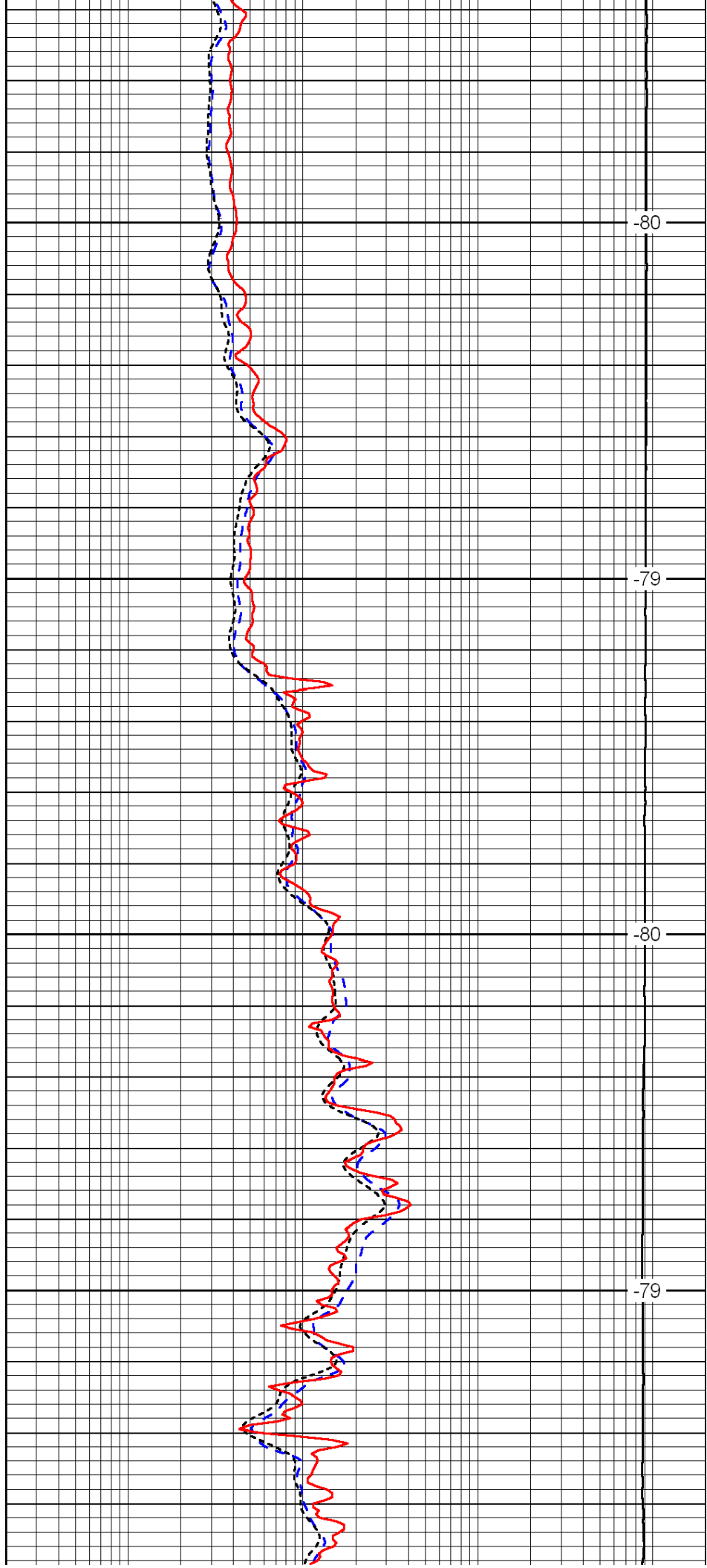


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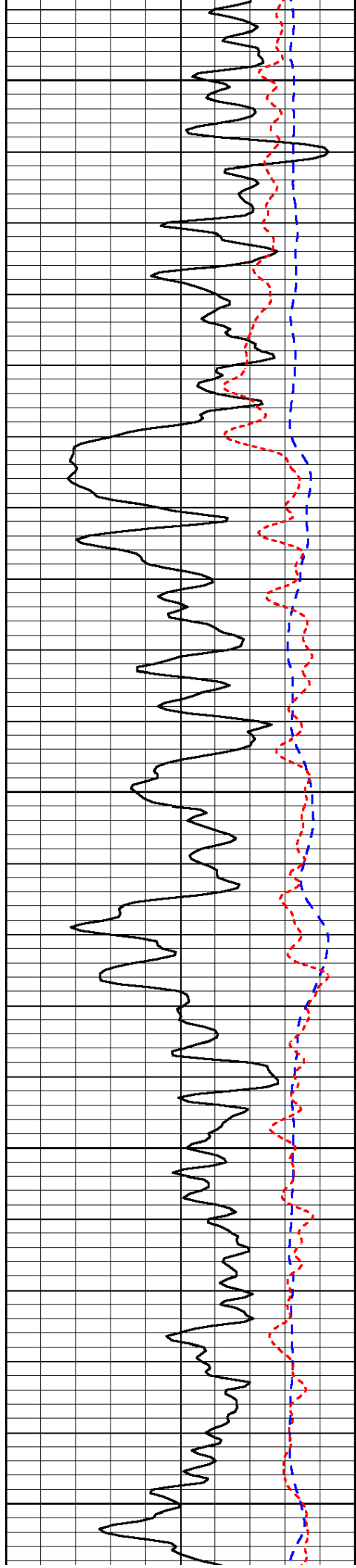


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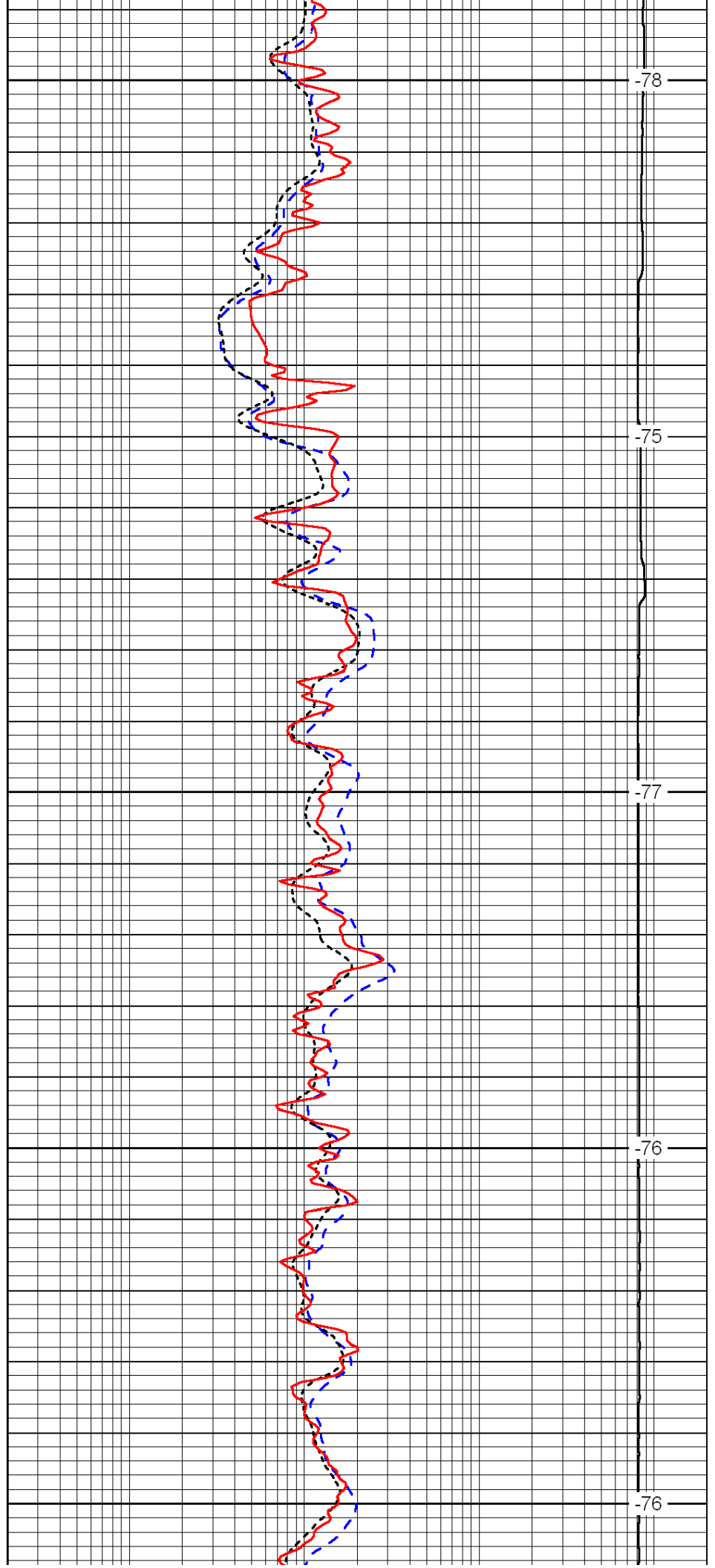
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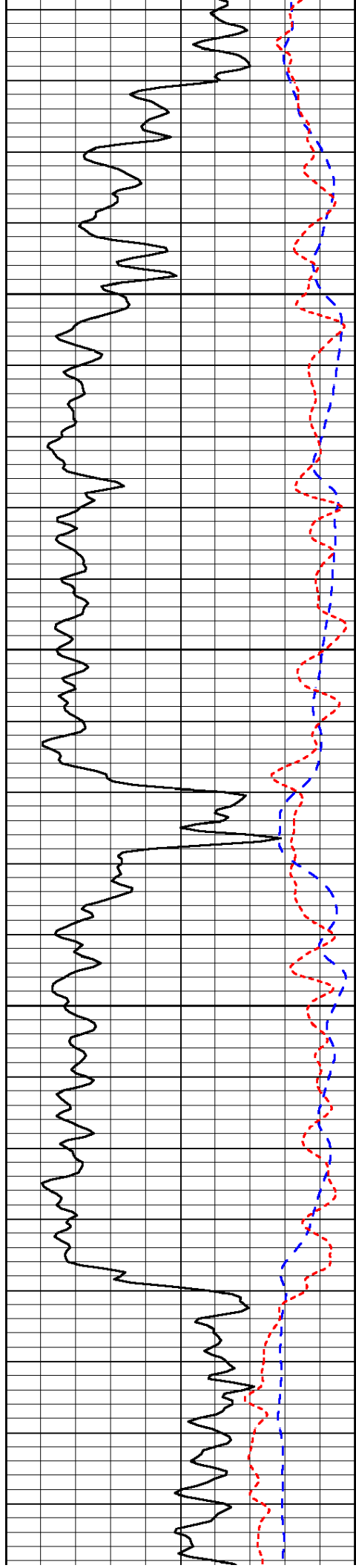
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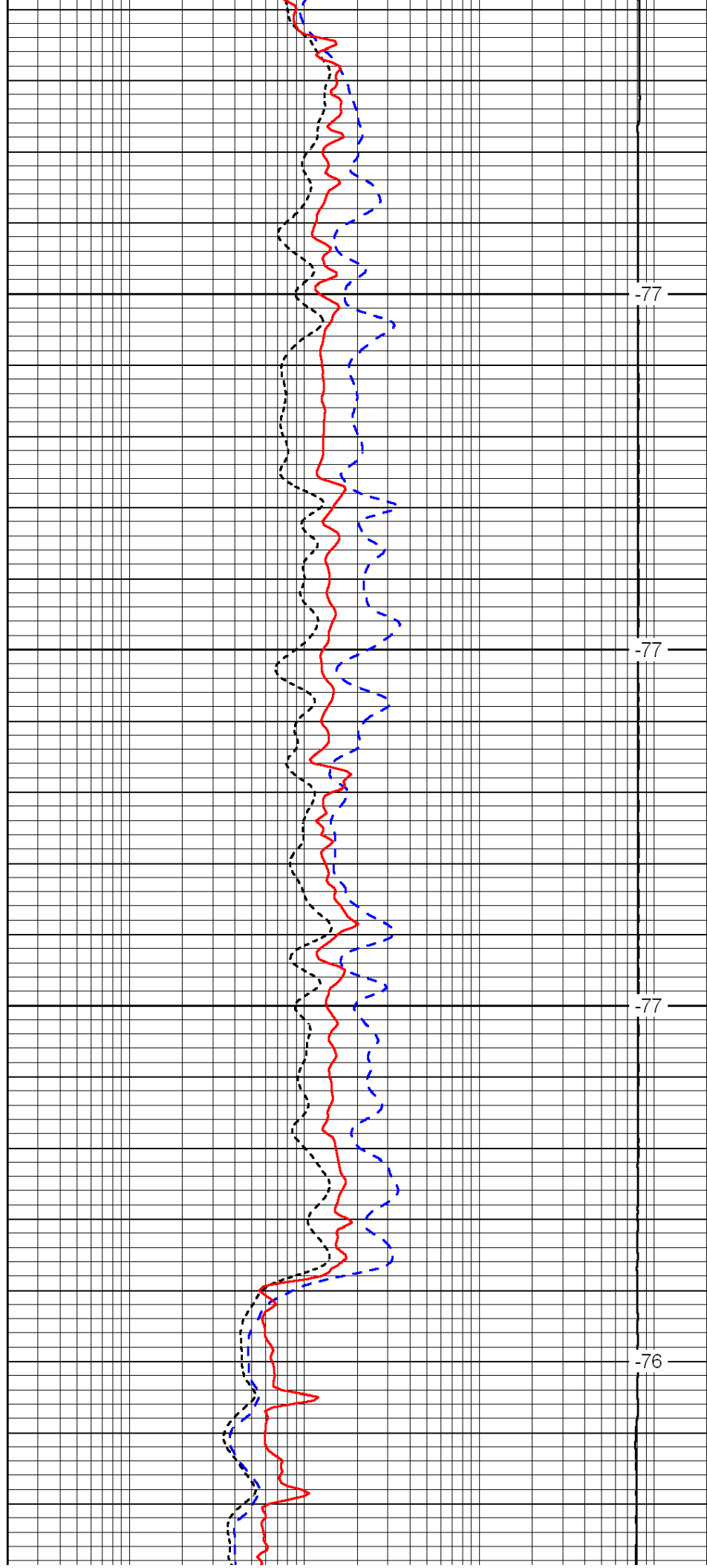


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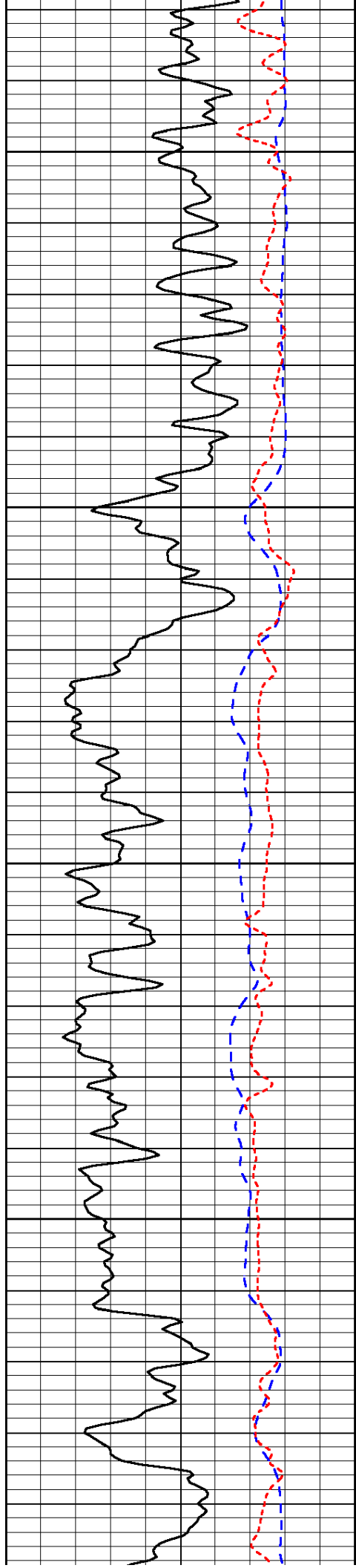


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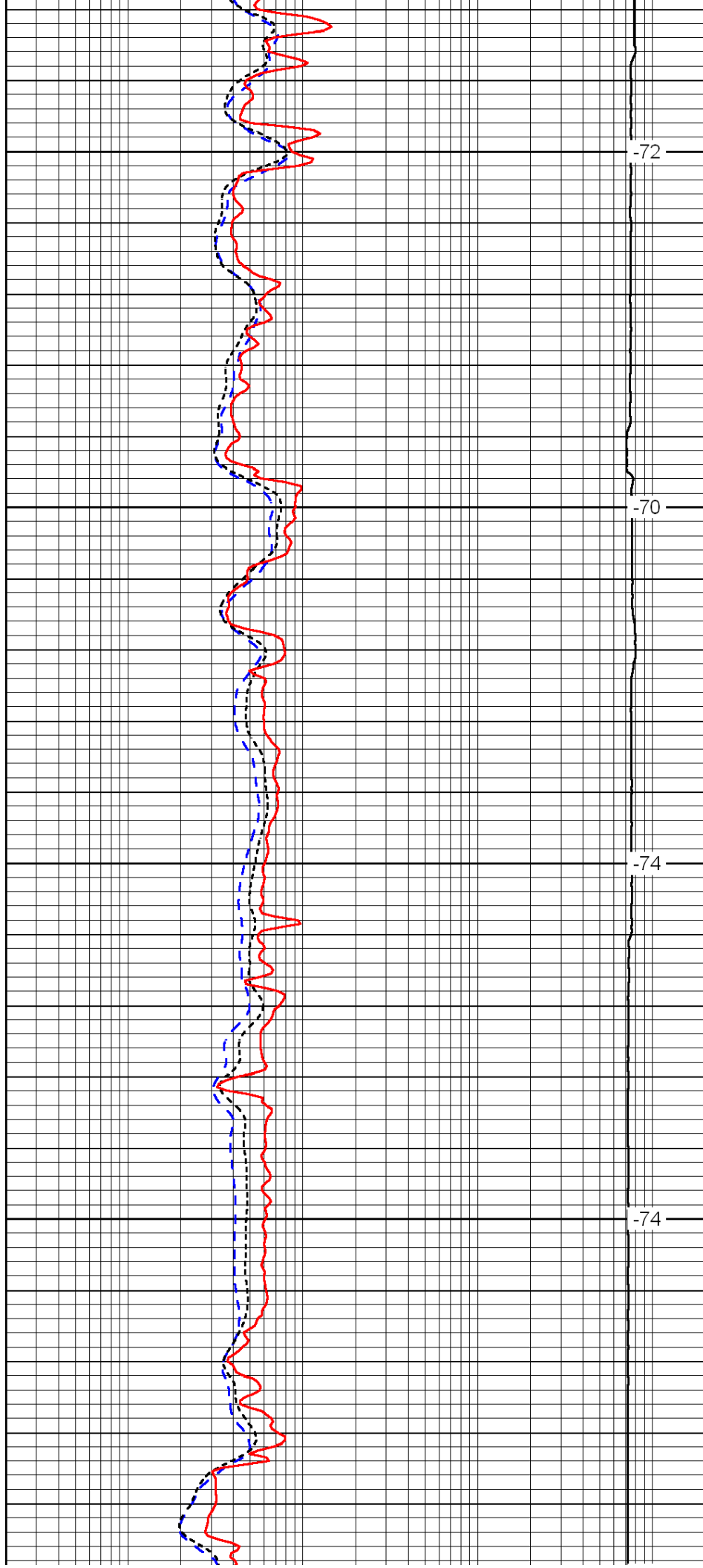


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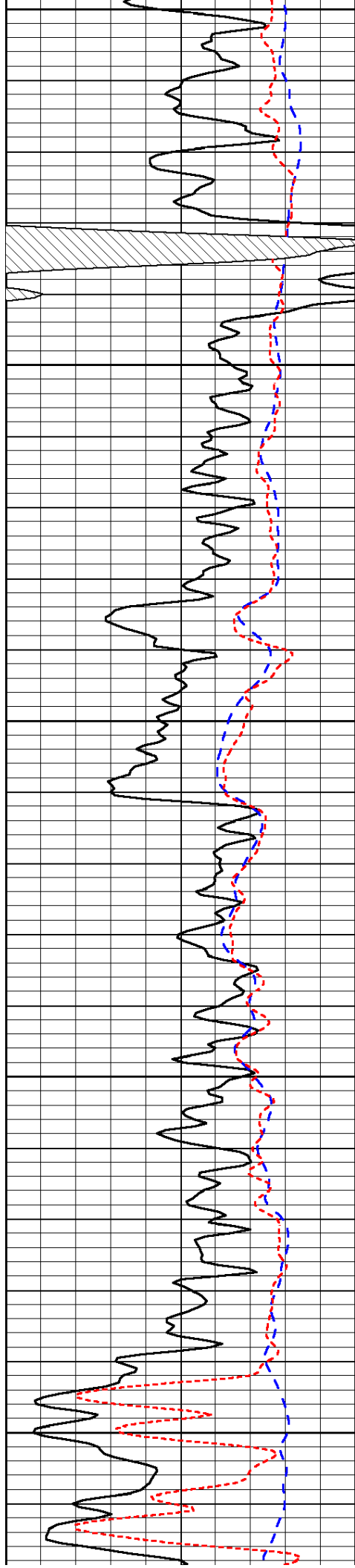


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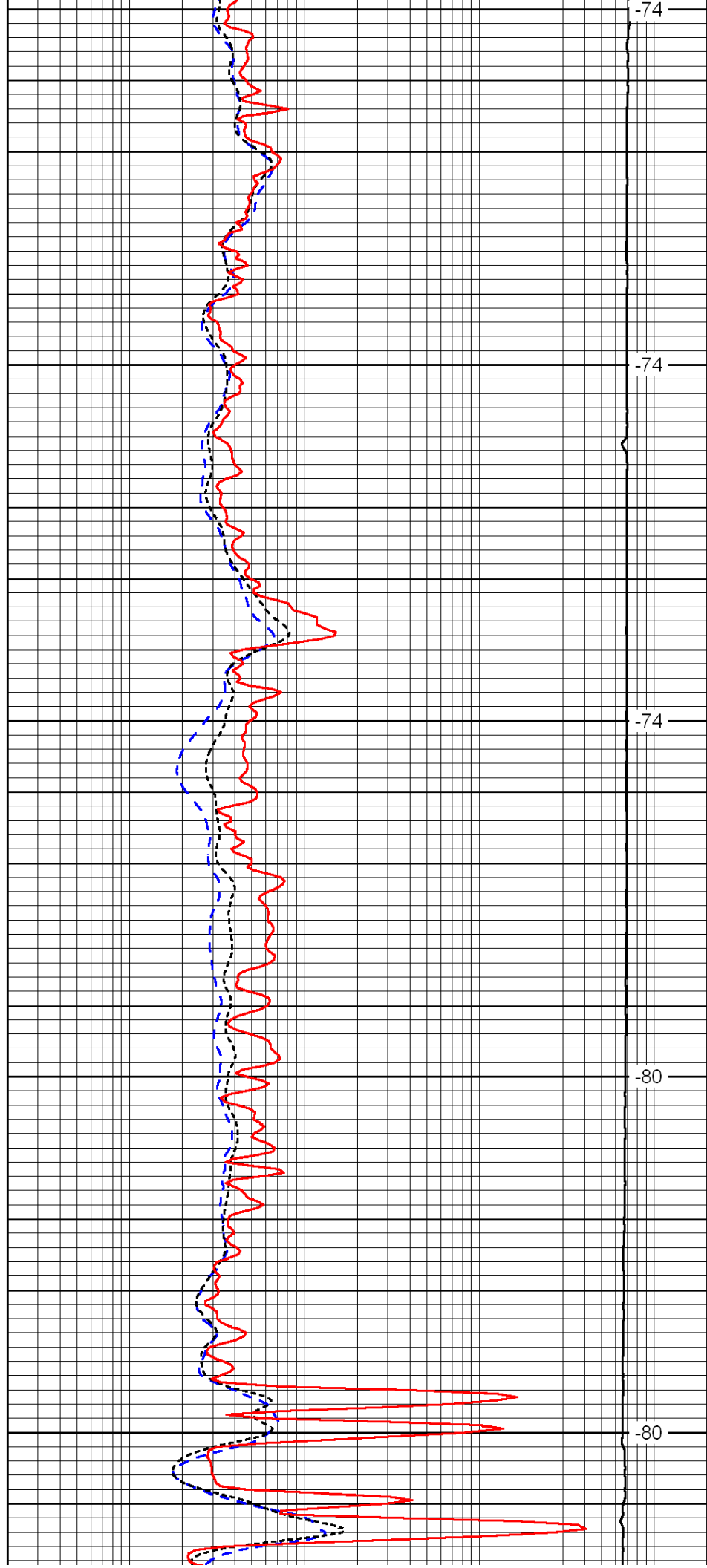
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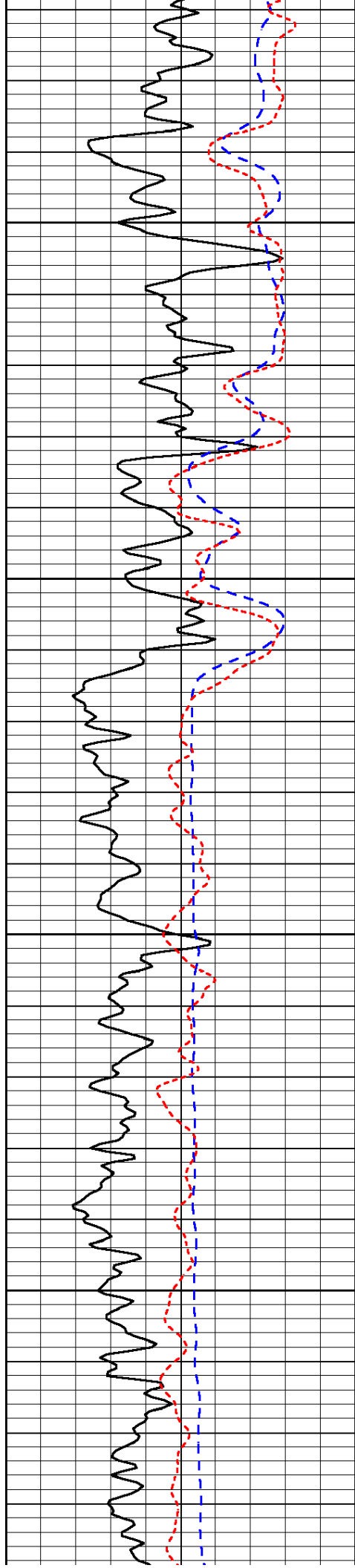
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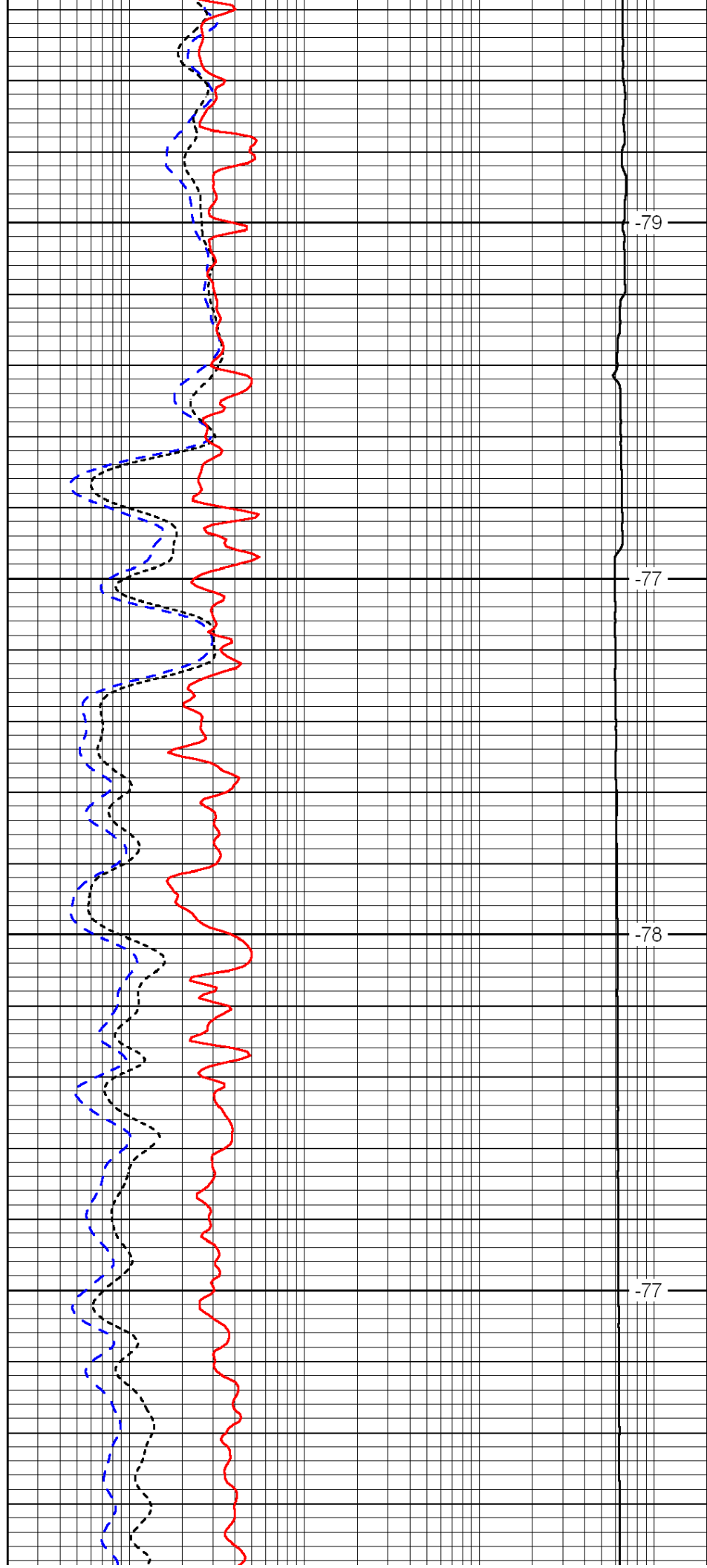


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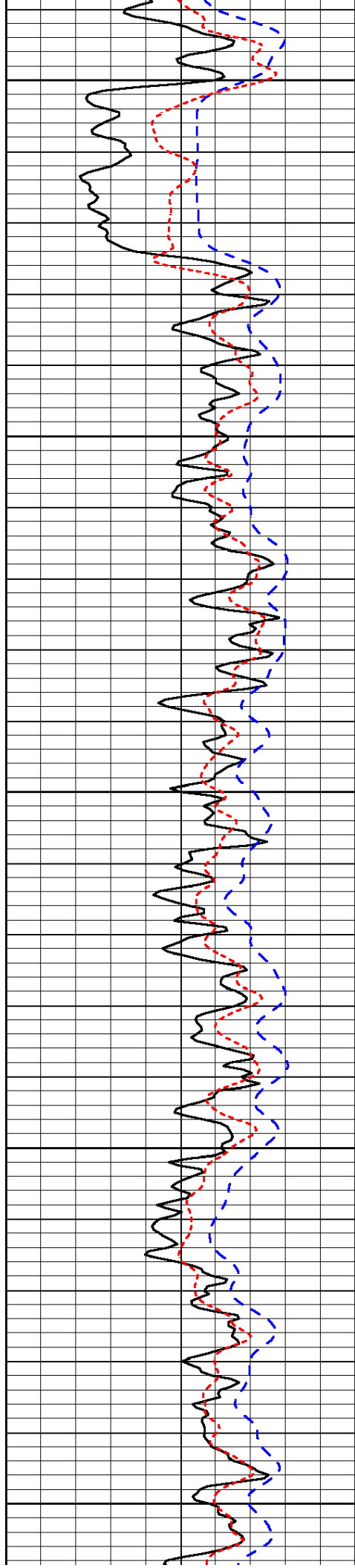


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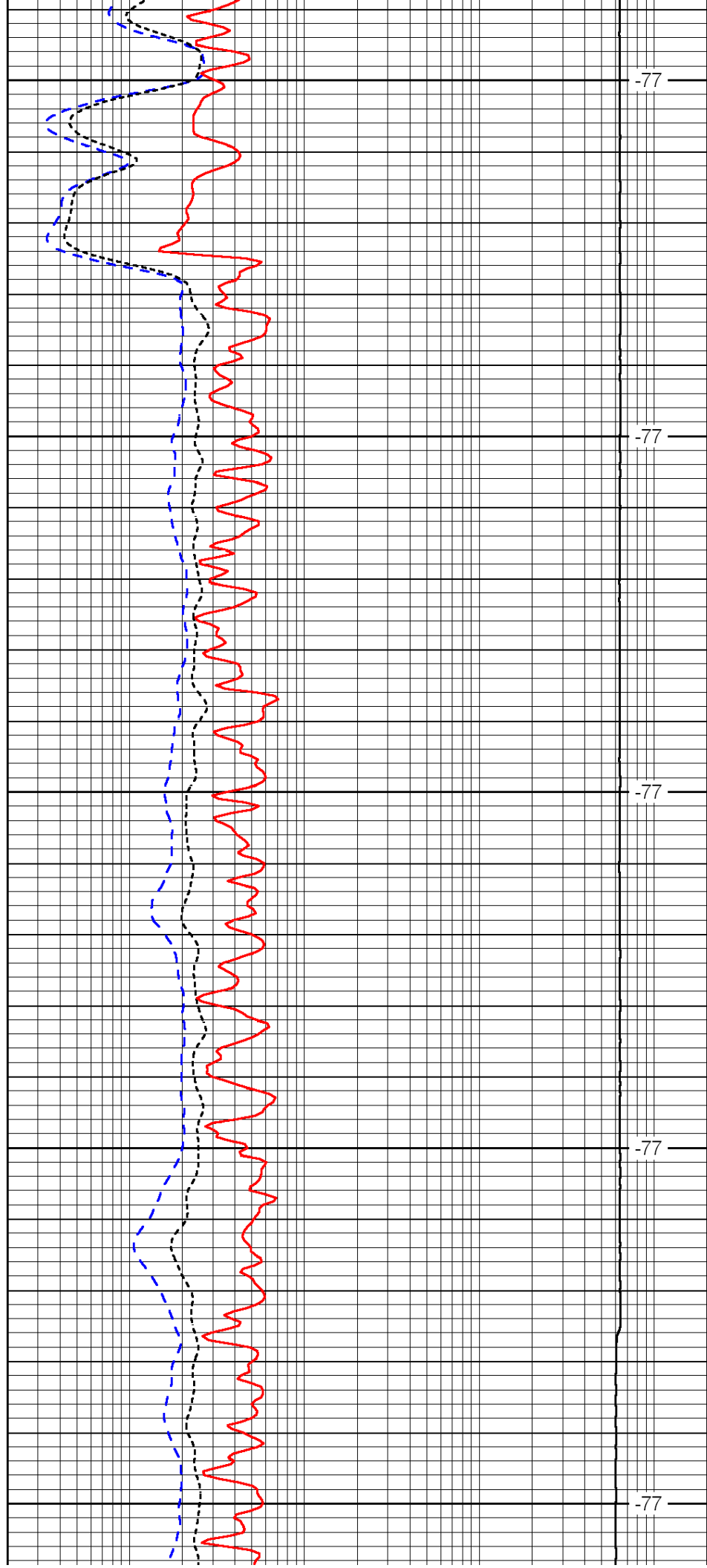
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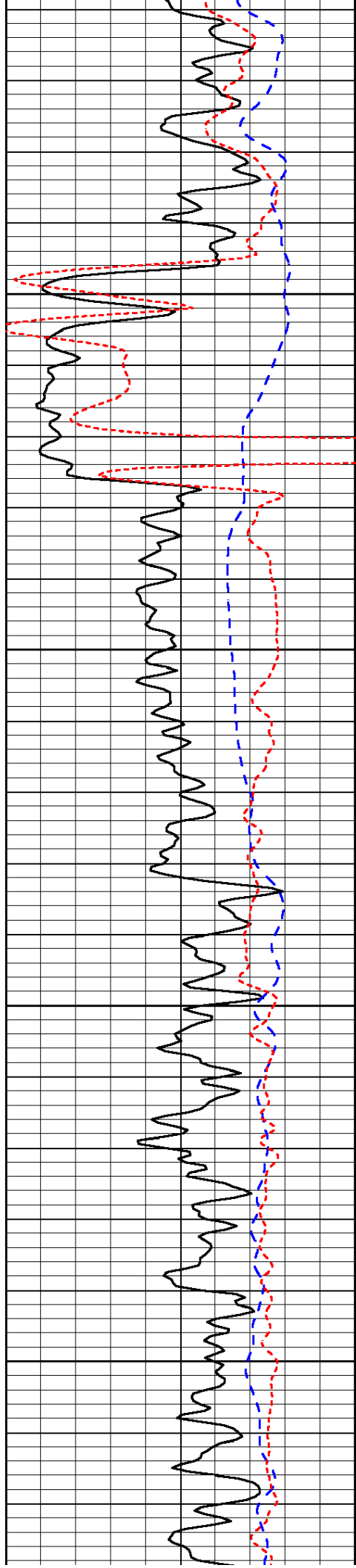
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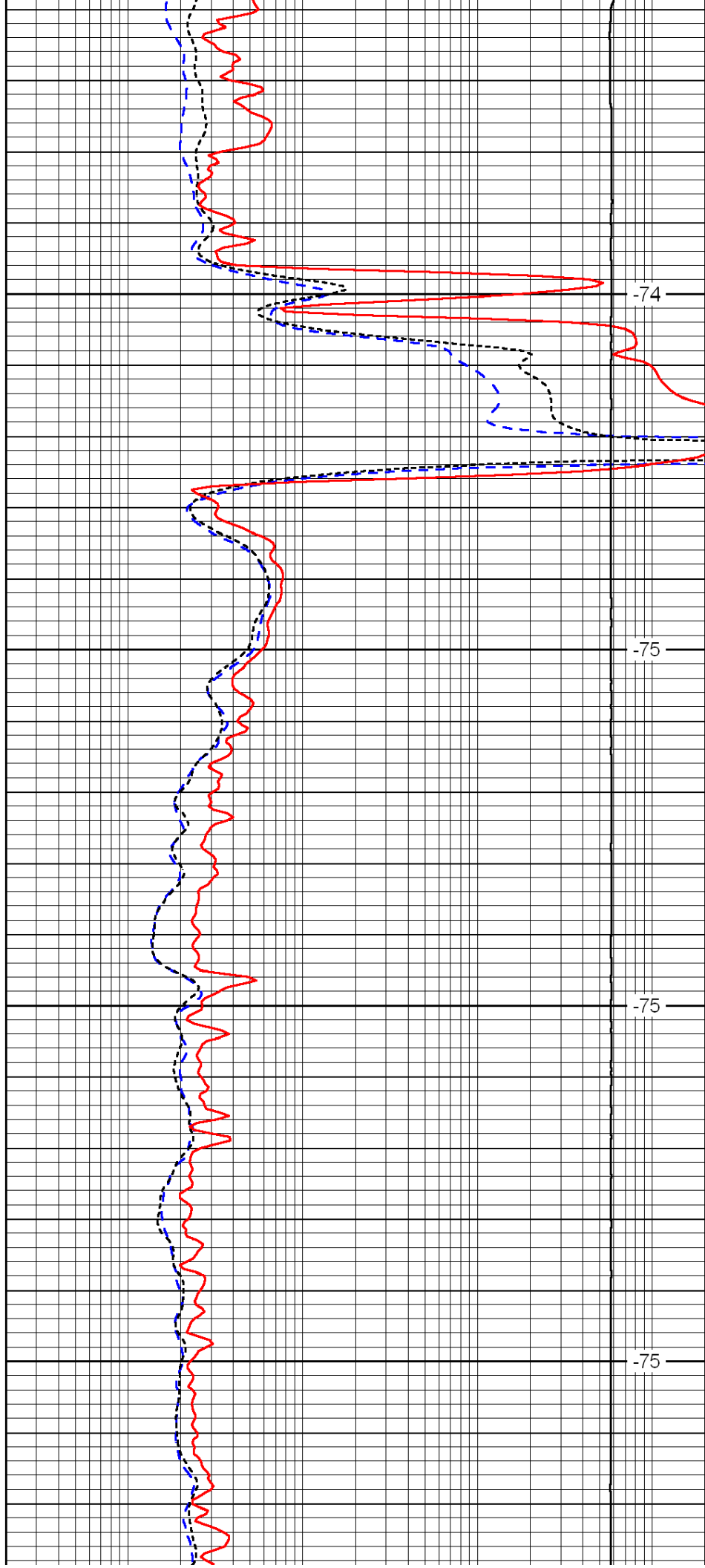


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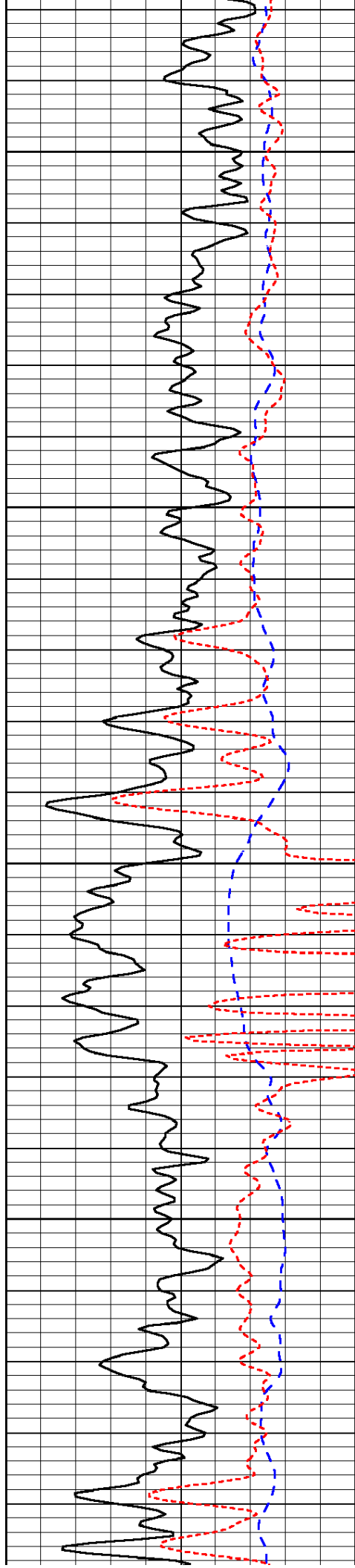


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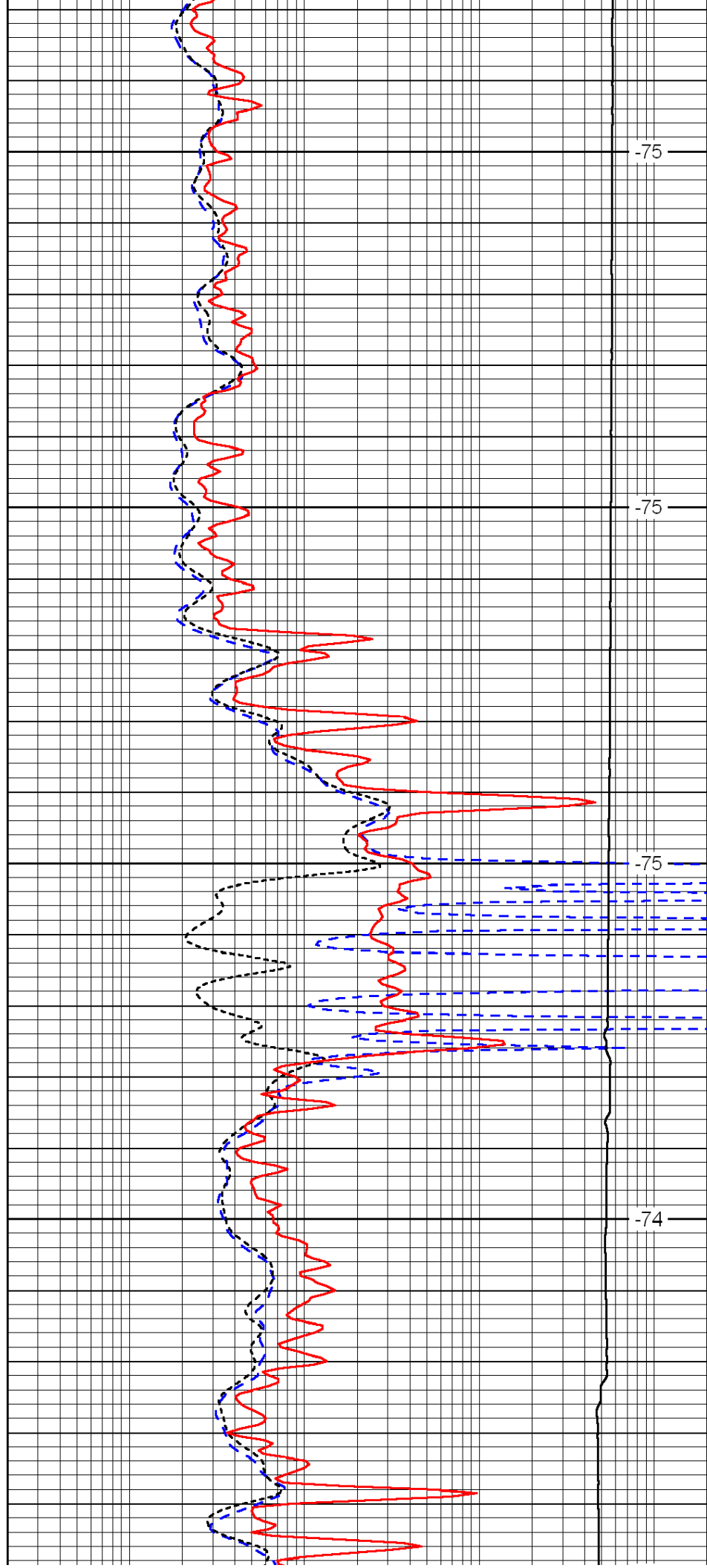


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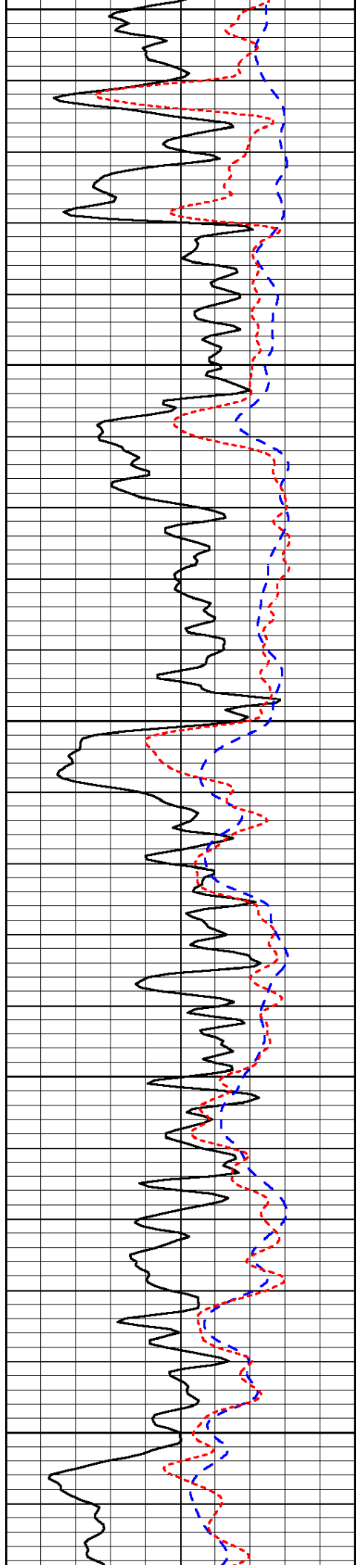


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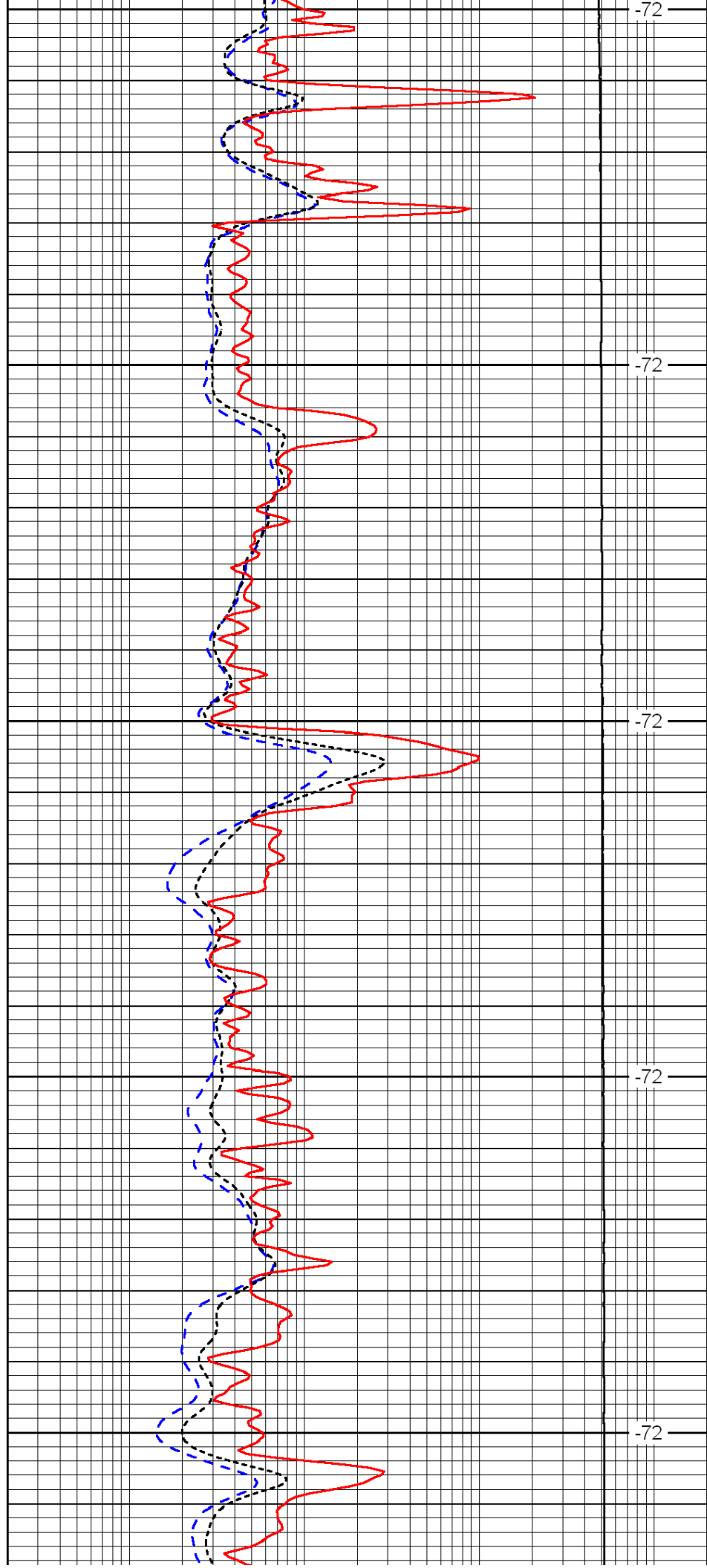
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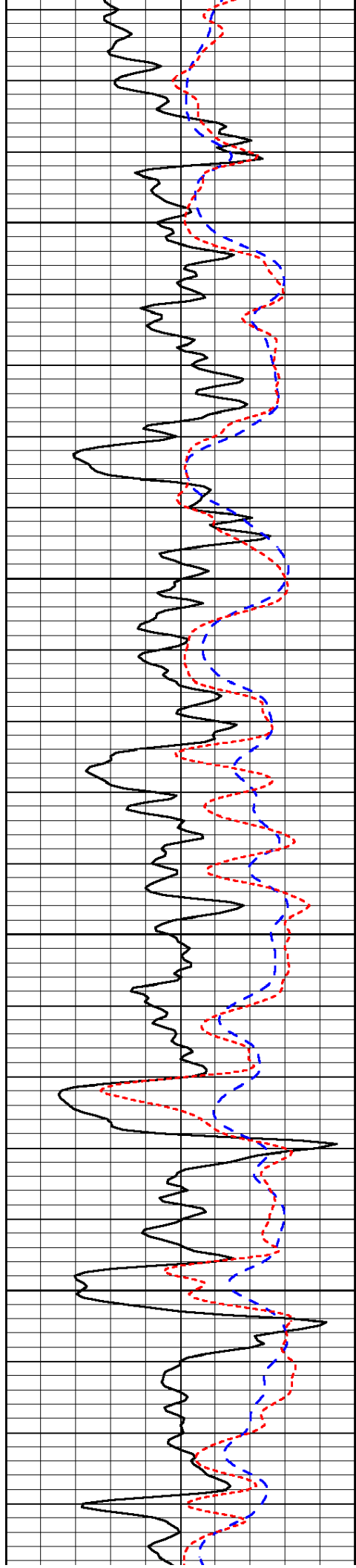
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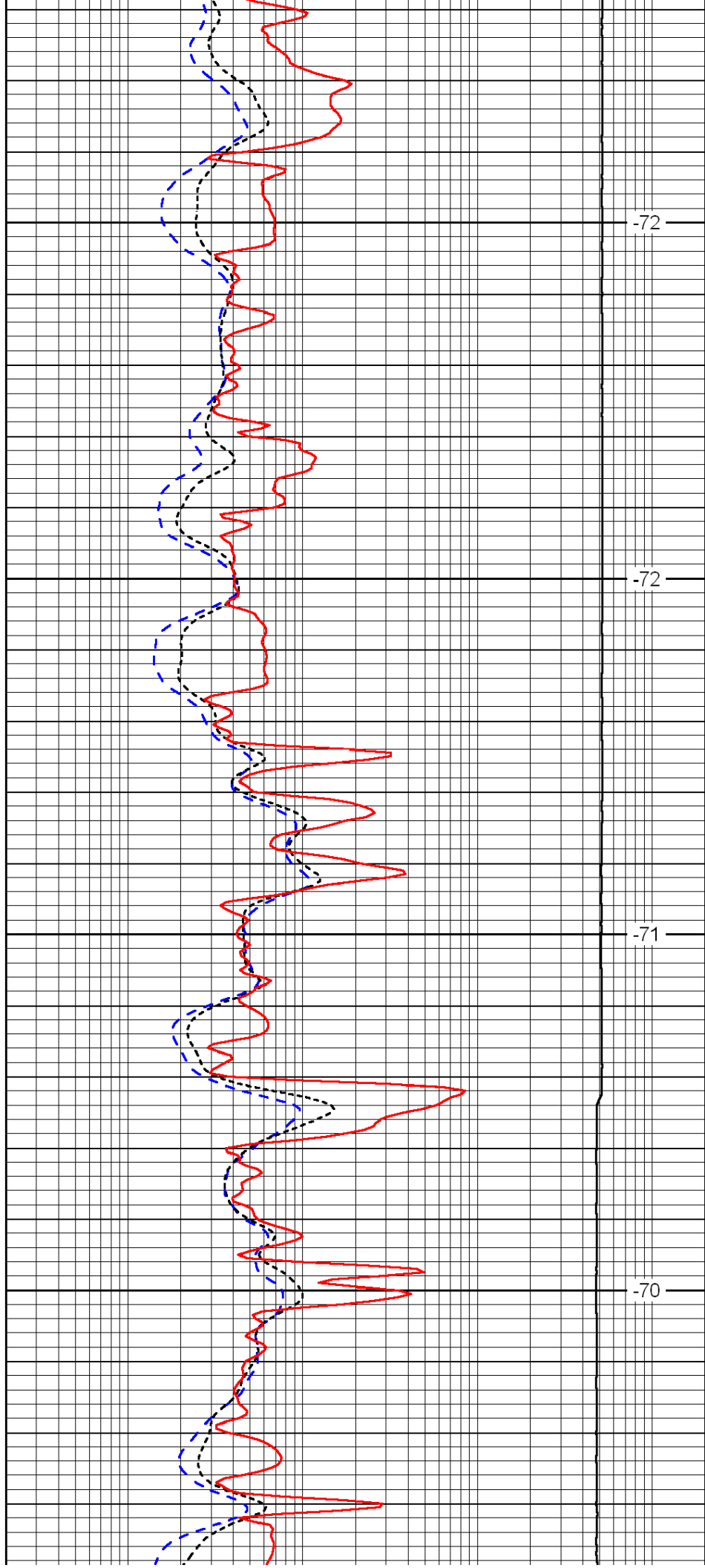


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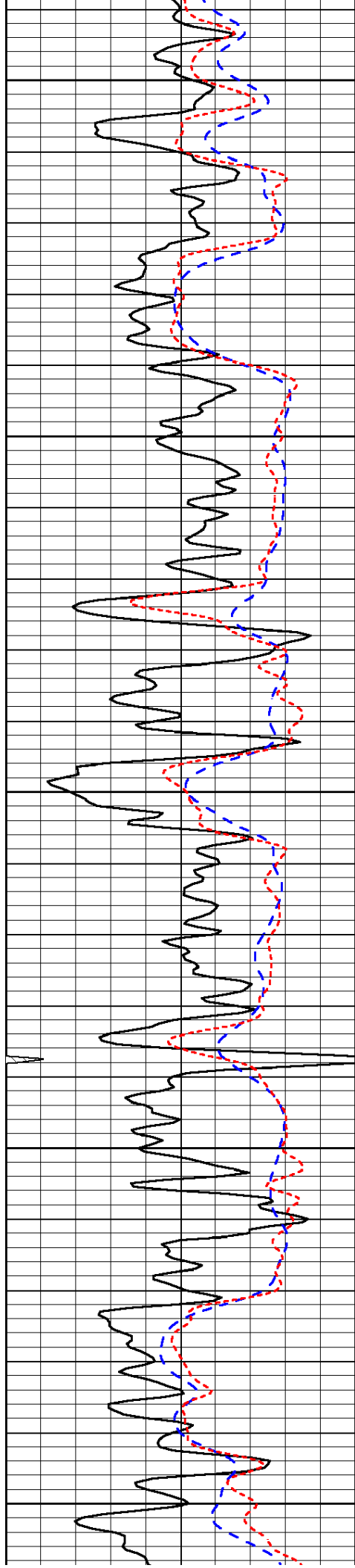


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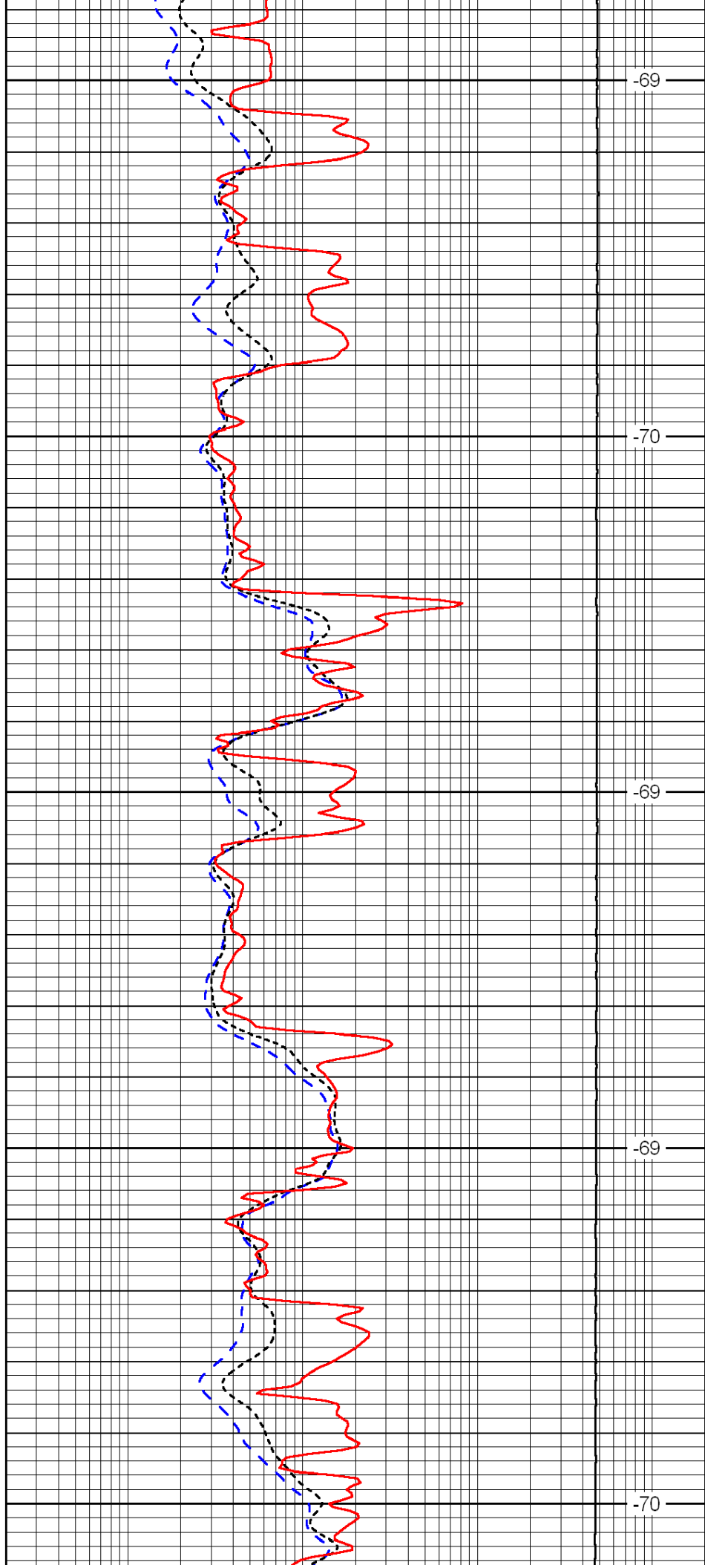
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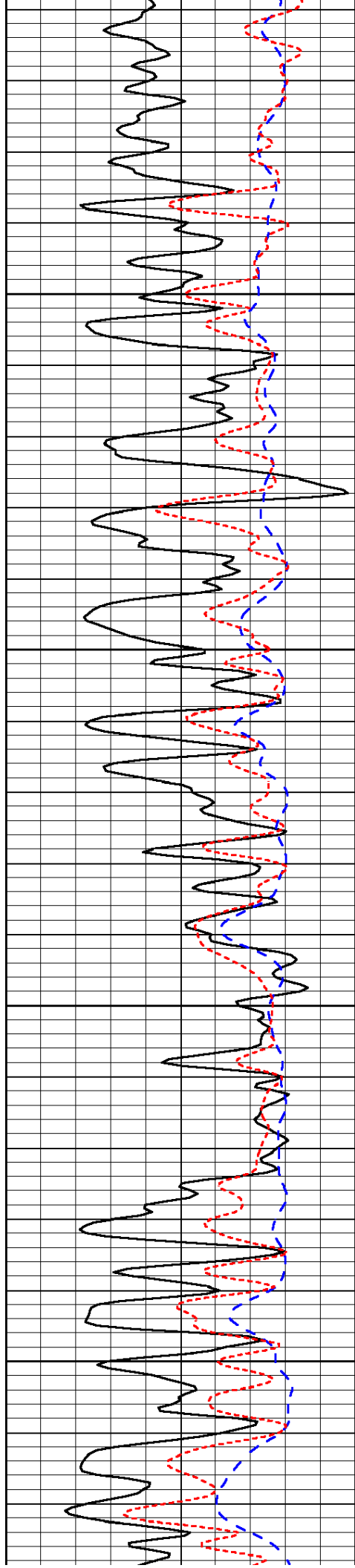
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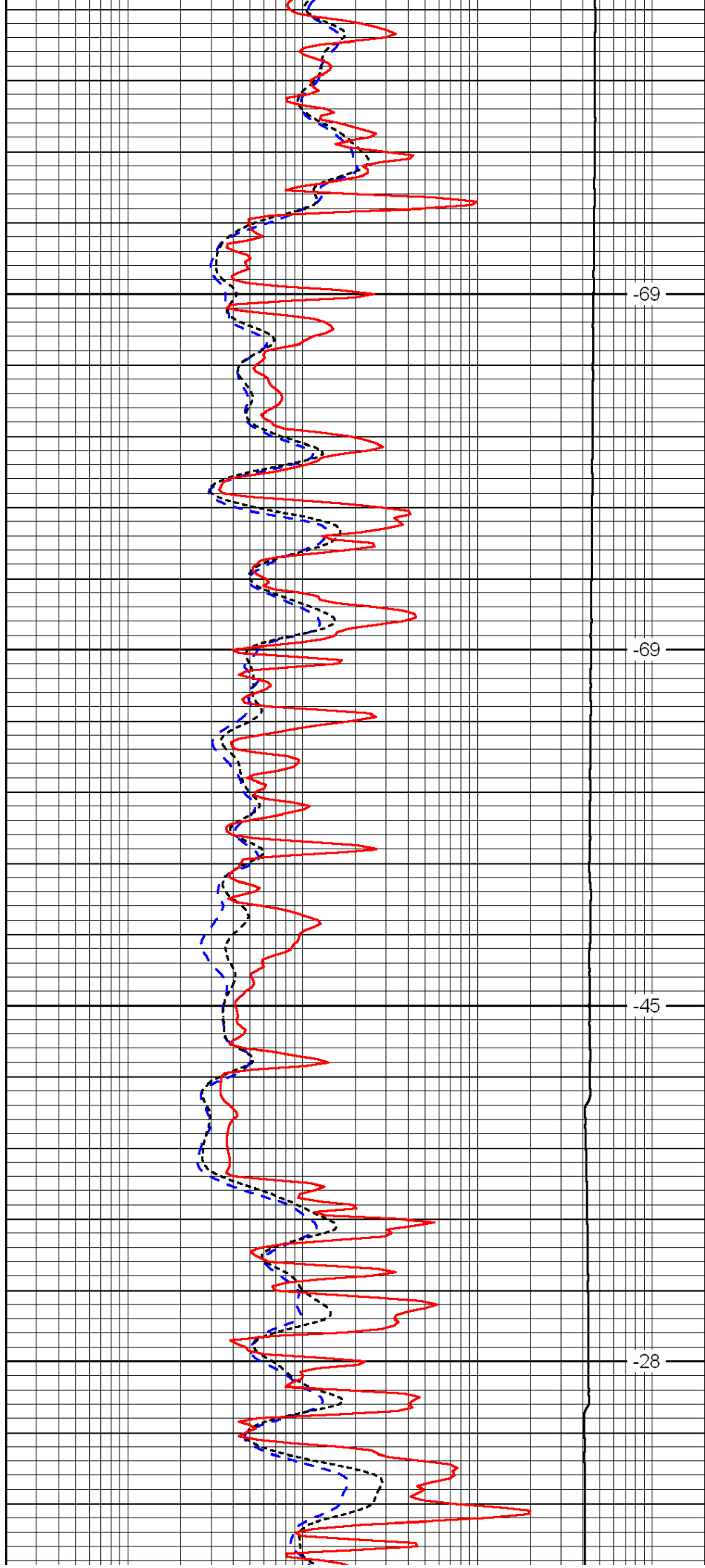


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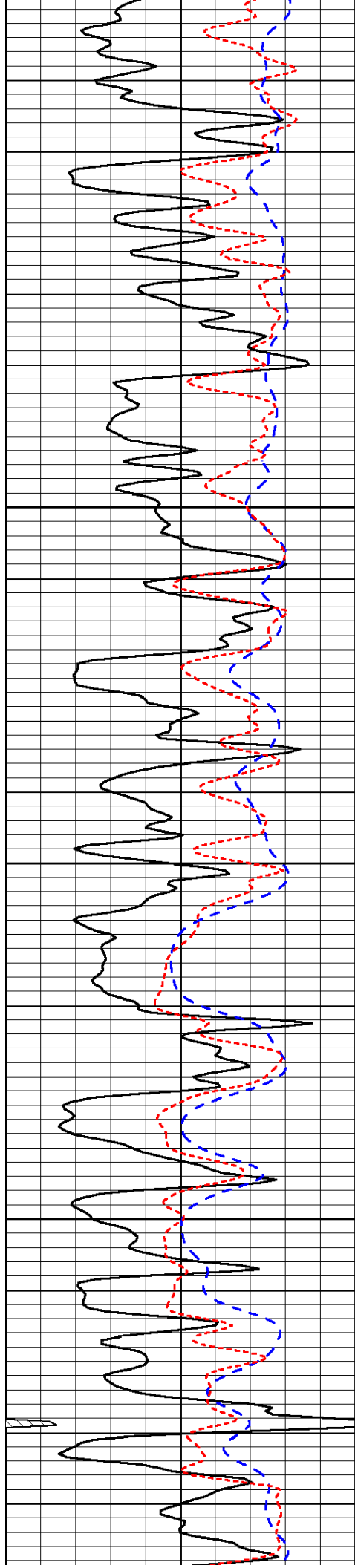


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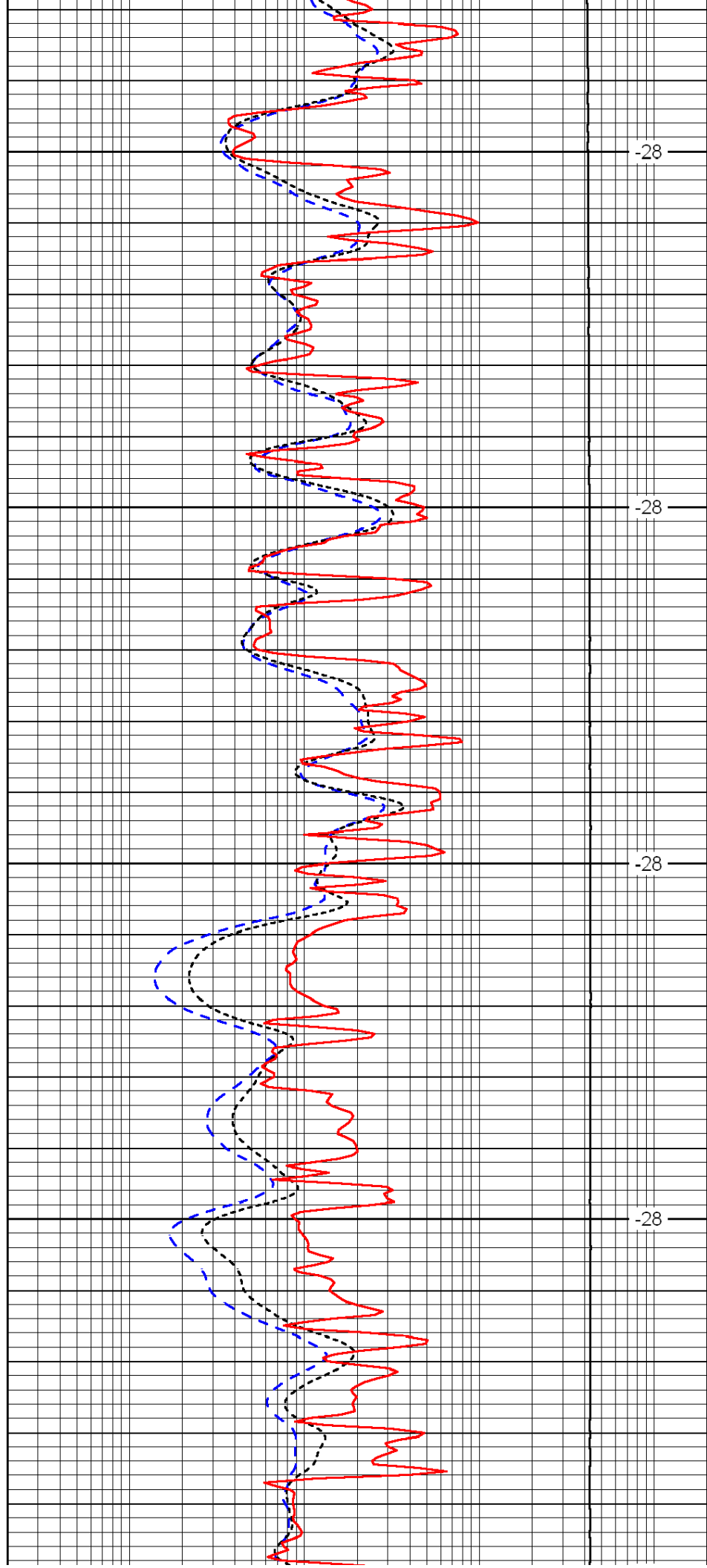


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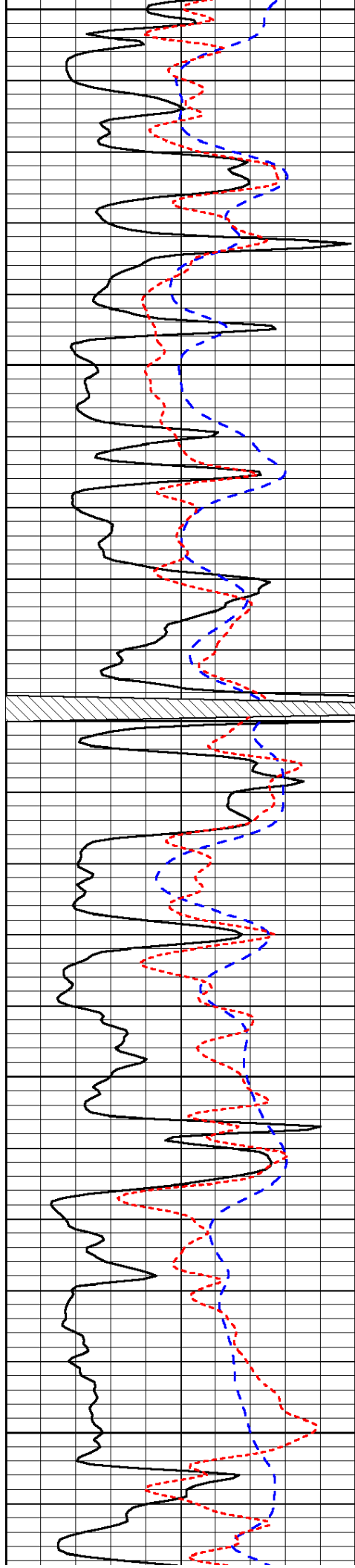


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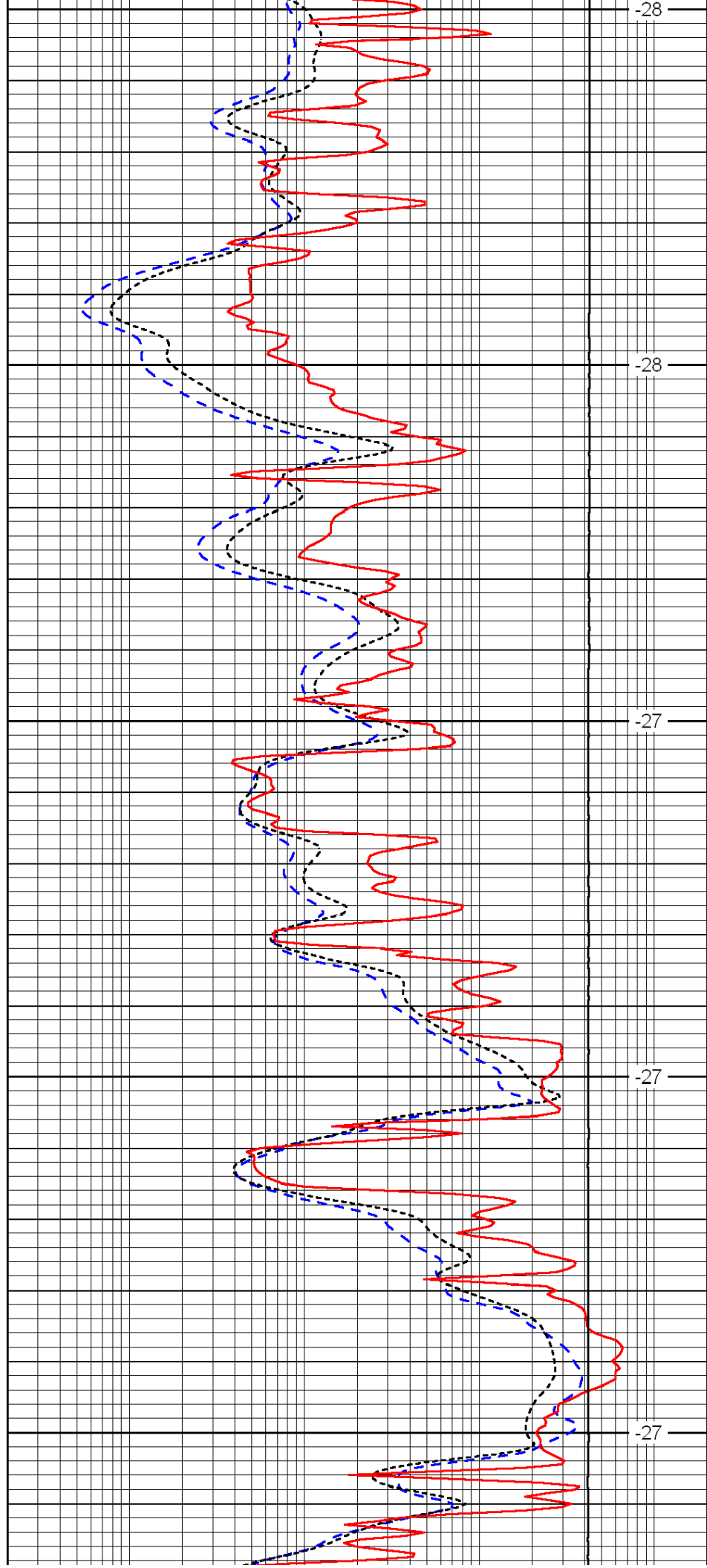
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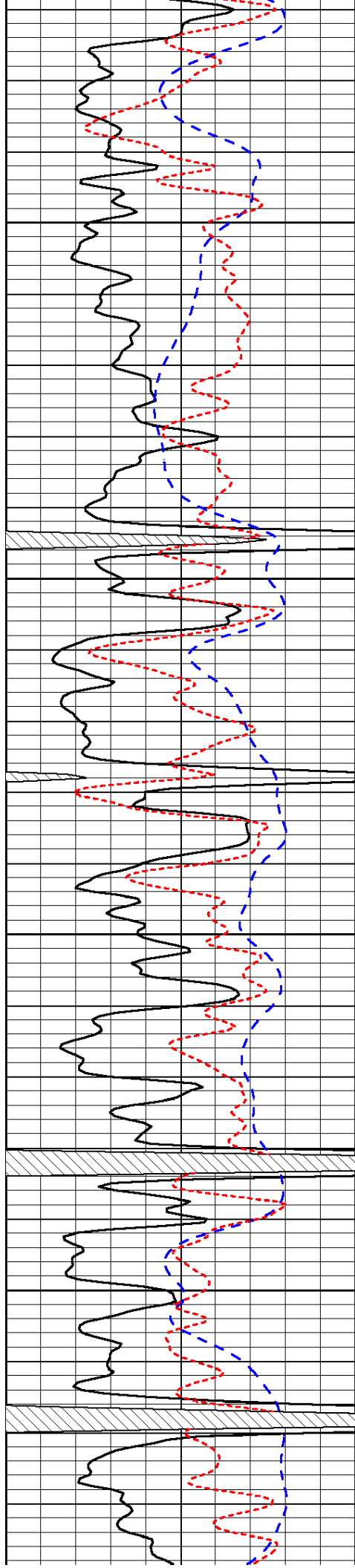
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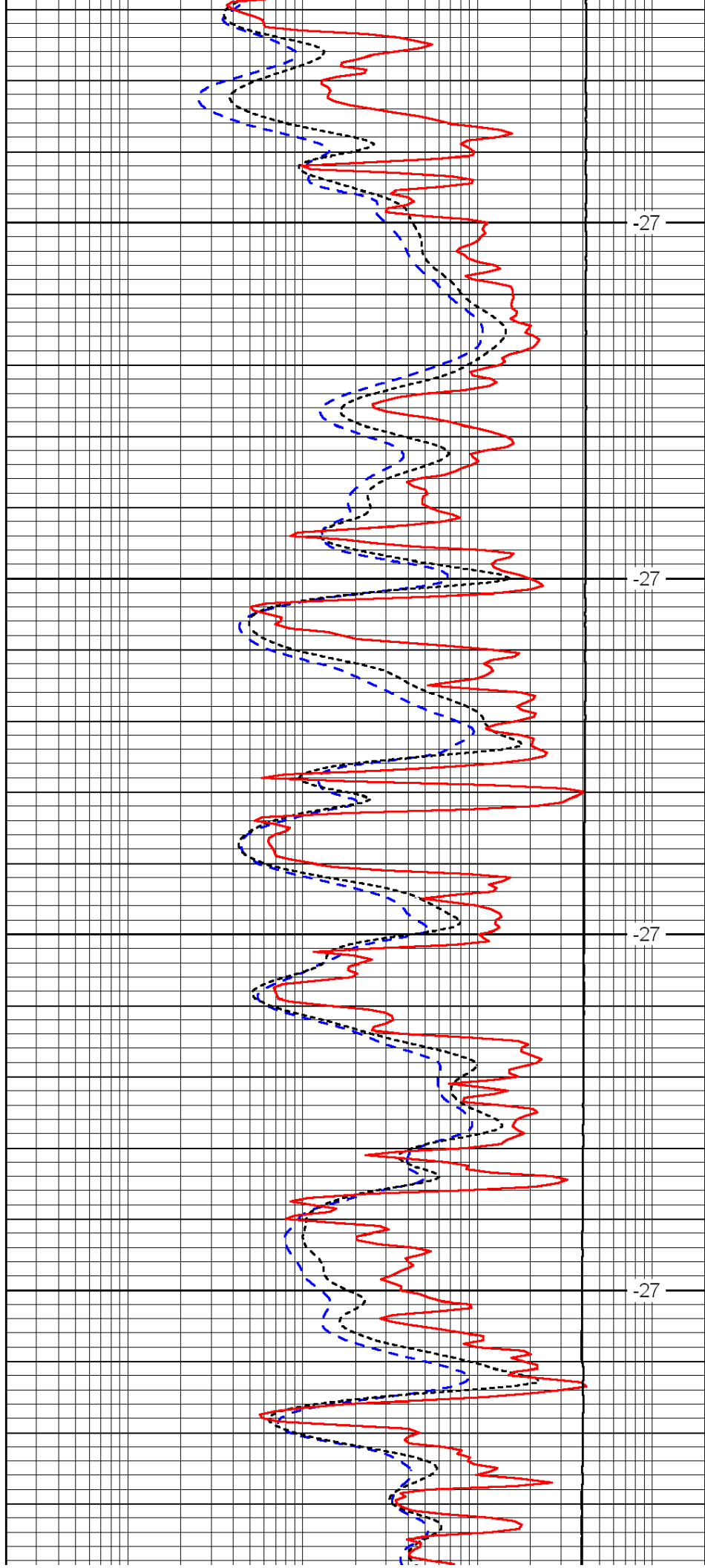


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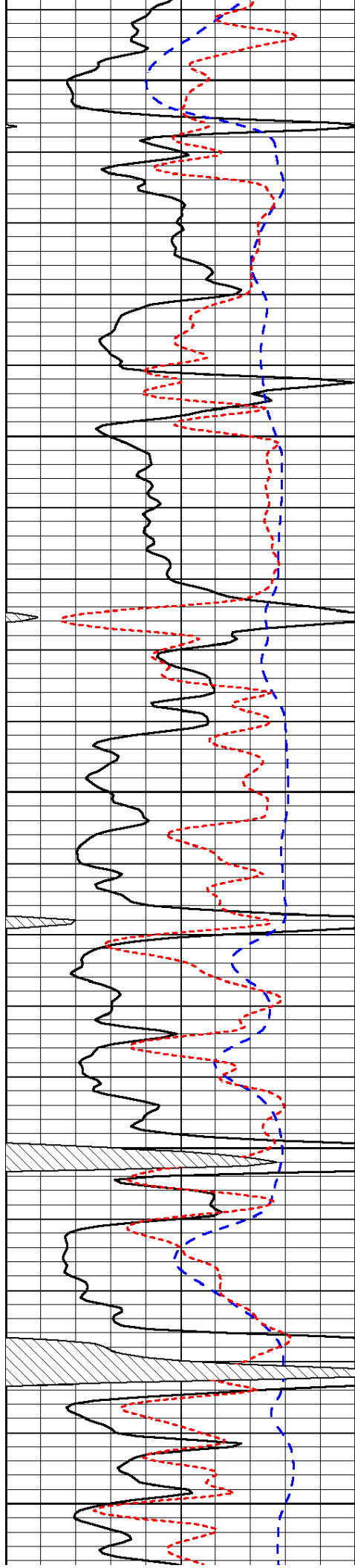


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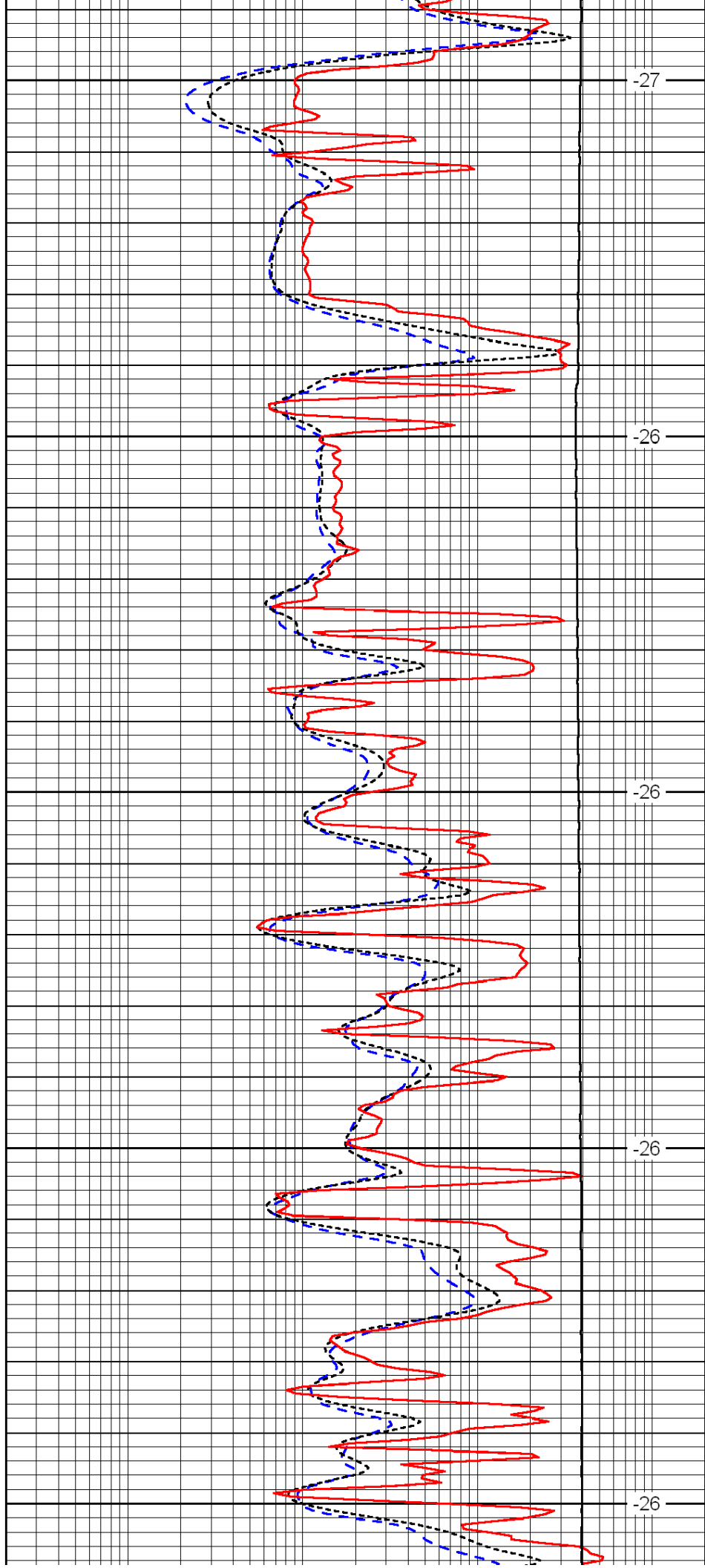
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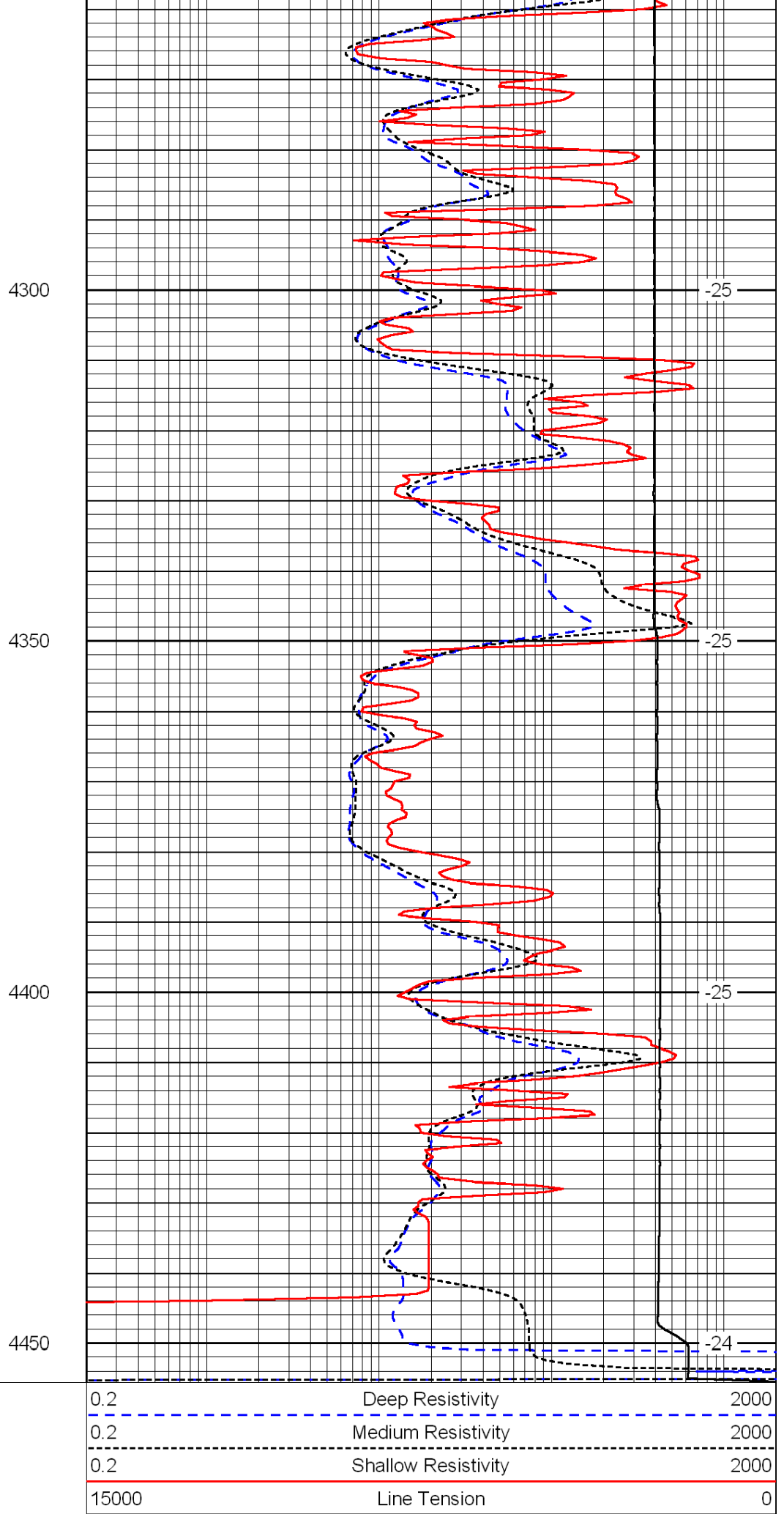
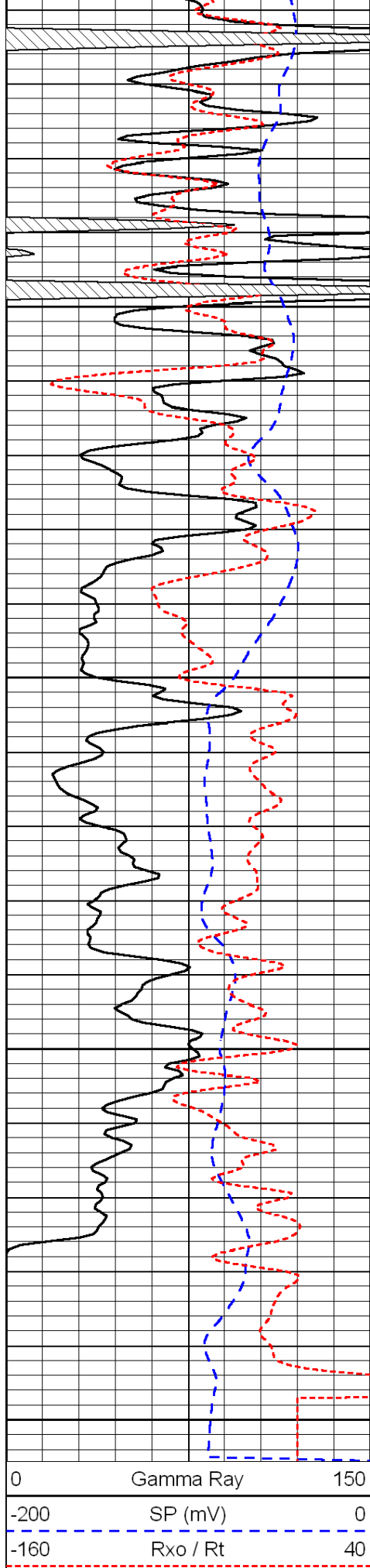
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