

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-039-21,086-00-00

Company Murfin Drilling Company, Inc.

Well M & M Bailey #1-14

Field Wildcat

County Decatur State Kansas

Location 330' FNL & 1650' FEL

Sec: 14 Twp: 3S Rge: 27W

Other Services
CNL / CDL
MEL / BHCS

Elevation

K.B. 2684

D.F. 2679

Permanent Datum Ground Level Elevation 2679
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 2/8/2009

Run Number One

Depth Driller 3900

Depth Logger 3901

Bottom Logged Interval 3900

Top Log Interval 00

Casing Driller 8.625 @ 301

Casing Logger 298

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 3.600

Density / Viscosity 9.1 54

pH / Fluid Loss 11.0 6.8

Source of Sample Flowline

Rm @ Meas. Temp .7 @ 40

Rmf @ Meas. Temp .53 @ 40

Rmc @ Meas. Temp .95 @ 40

Source of Rmf / Rmc Charts

Rm @ BHT .24 @ 115

Operating Rig Time 4 Hours

Max Rec. Temp. F 115

Equipment Number 15

Location Hays

Recorded By T. Martin

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

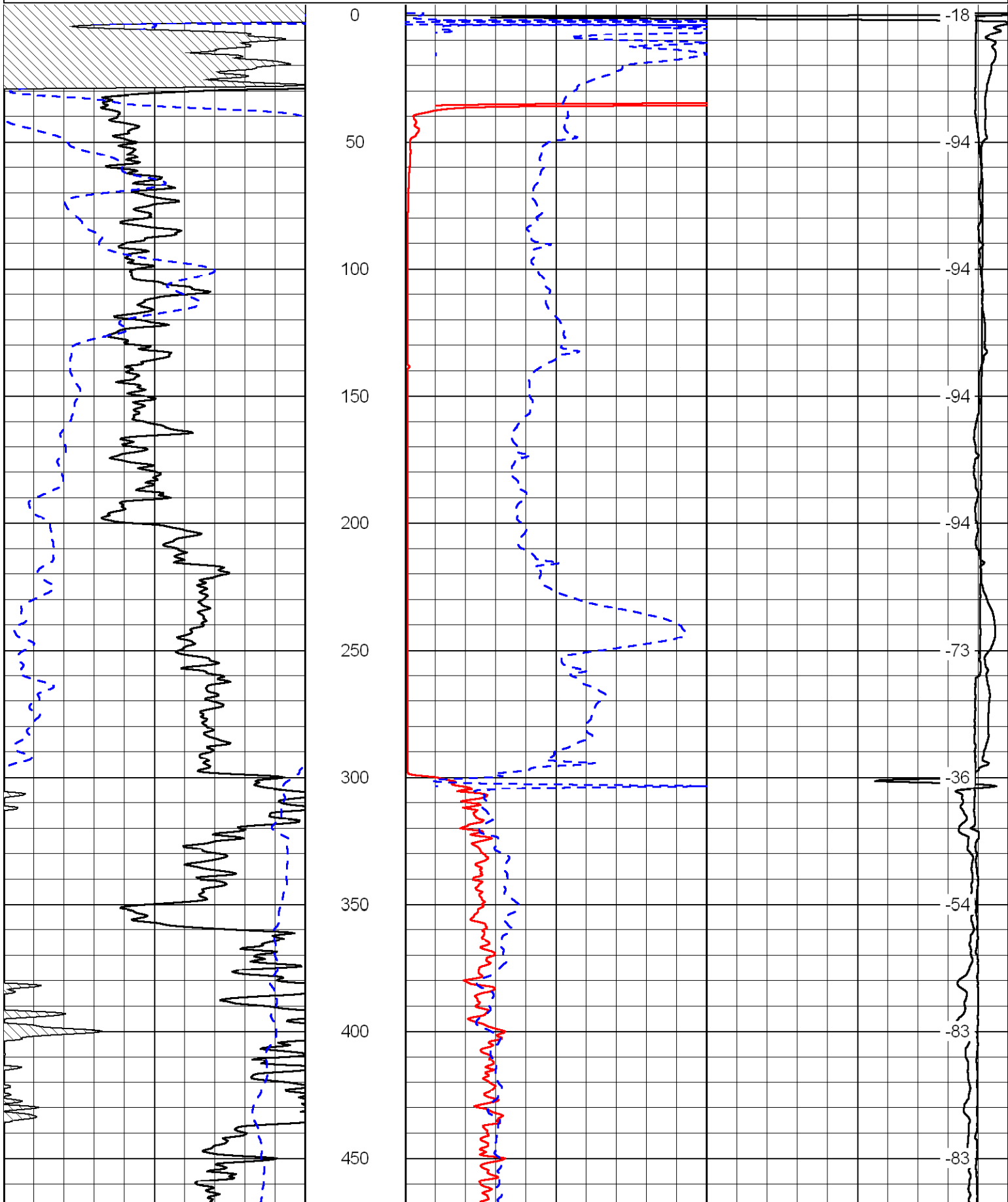
Oberlin, 12 E to Rd 12 E, 2 S, 1/4 W, S into

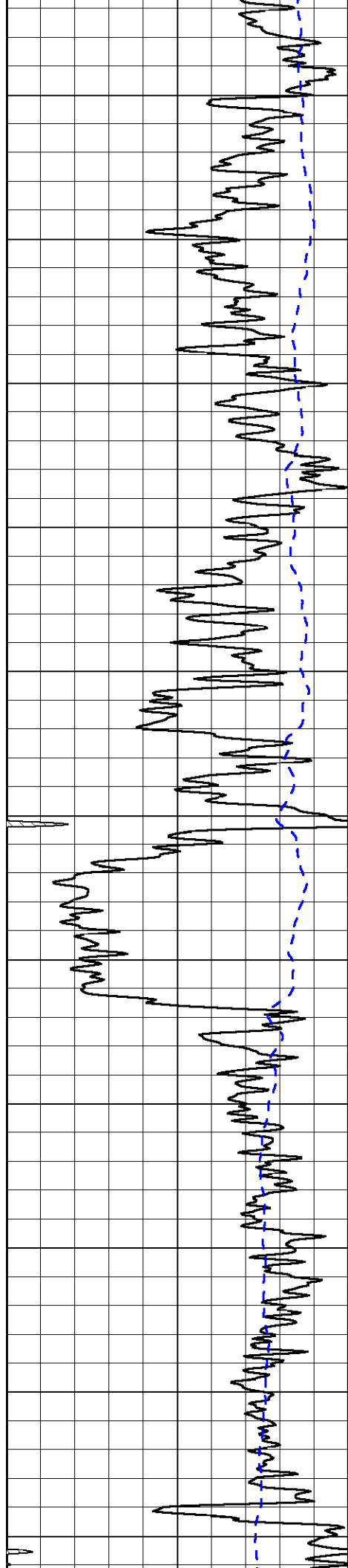
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Dataset Pathname: dil\murfstk
Presentation Format: dil2in
Dataset Creation: Sun Feb 08 07:50:57 2009
Charted by: Depth in Feet scaled 1:600

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-200	SP	0

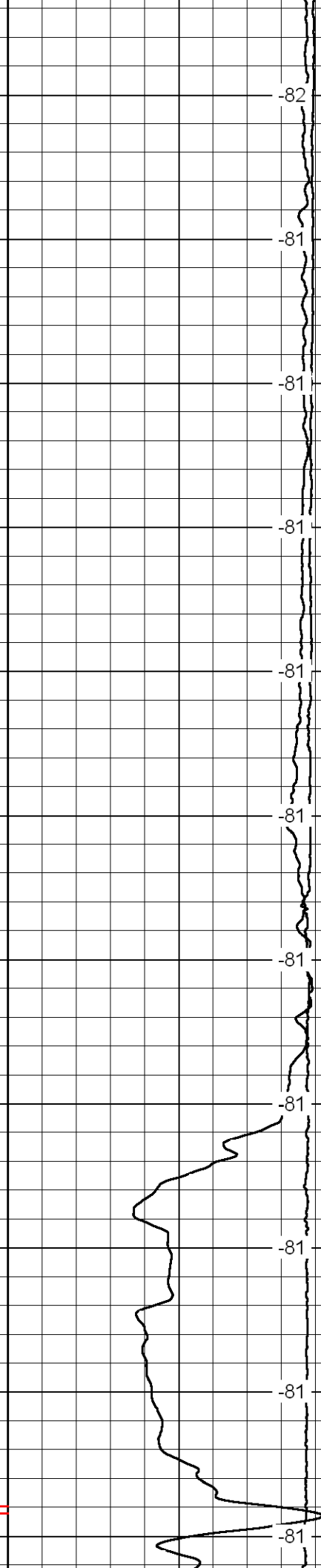
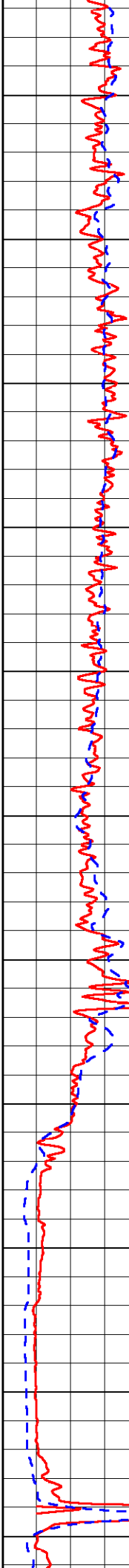
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0	Deep Resistivity	50
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15000	Line Tension	0

50	Shallow Resistivity	500
50	Deep Resistivity	500

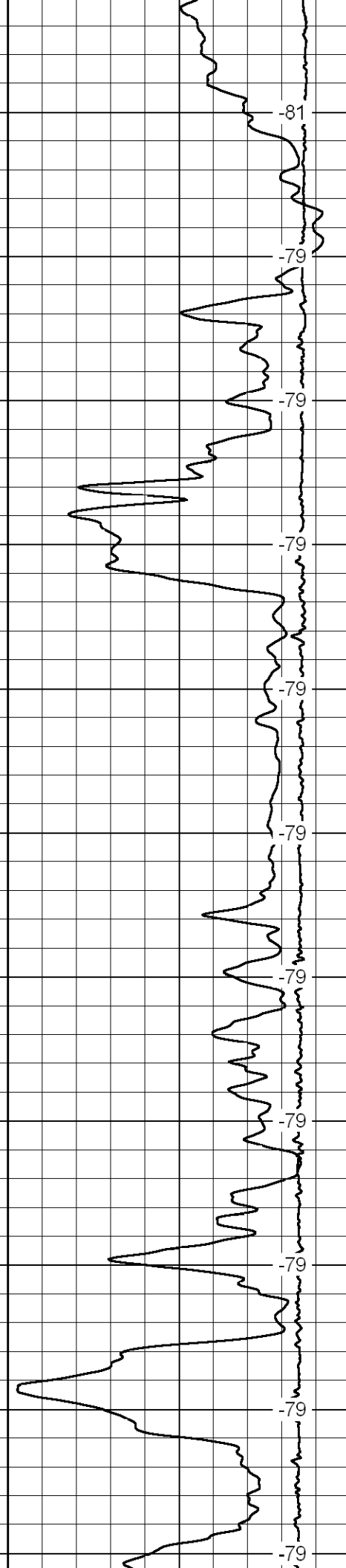
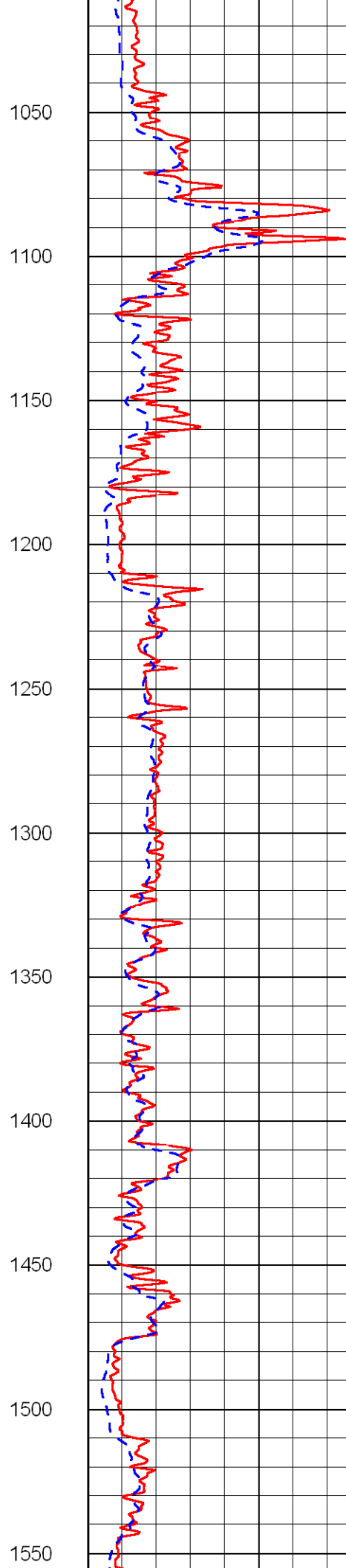
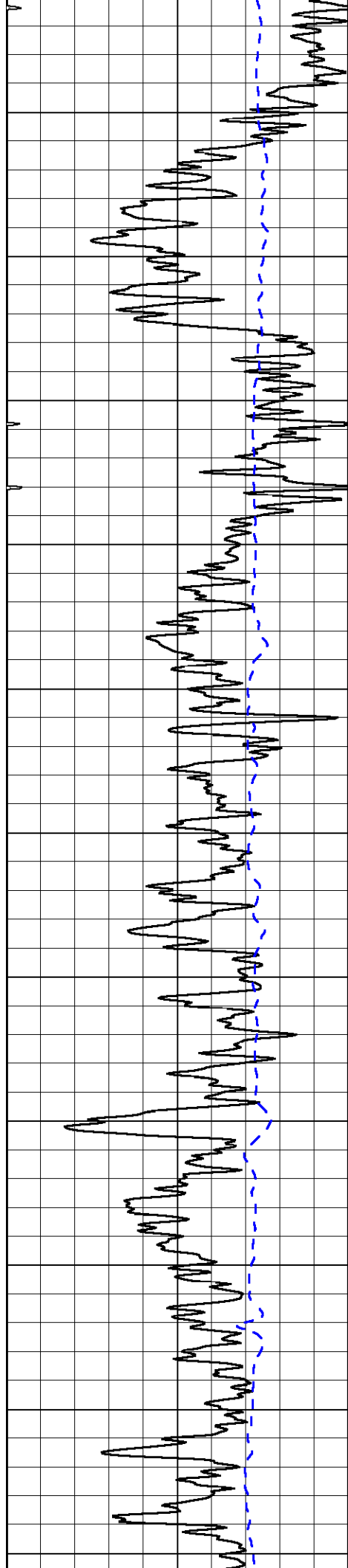


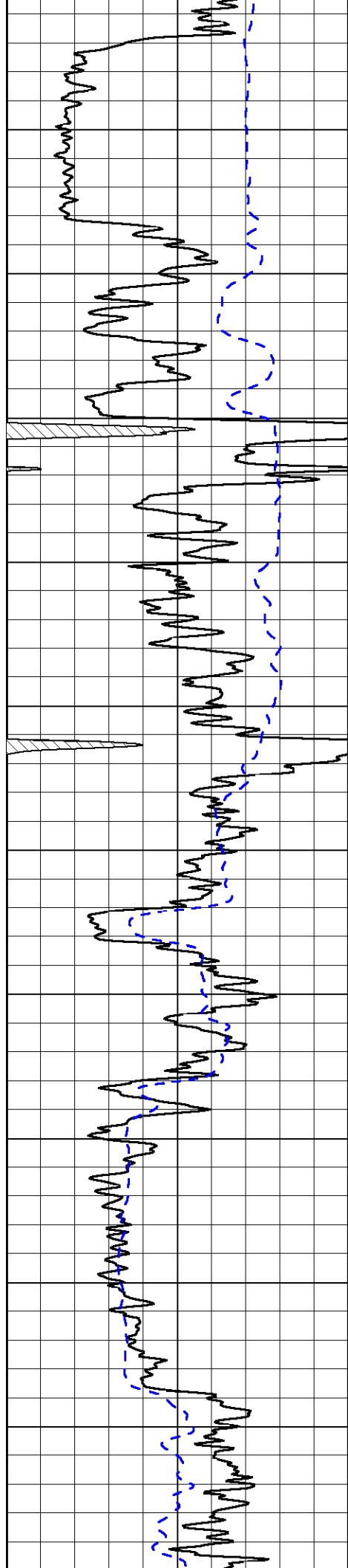


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1600

1650

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1800

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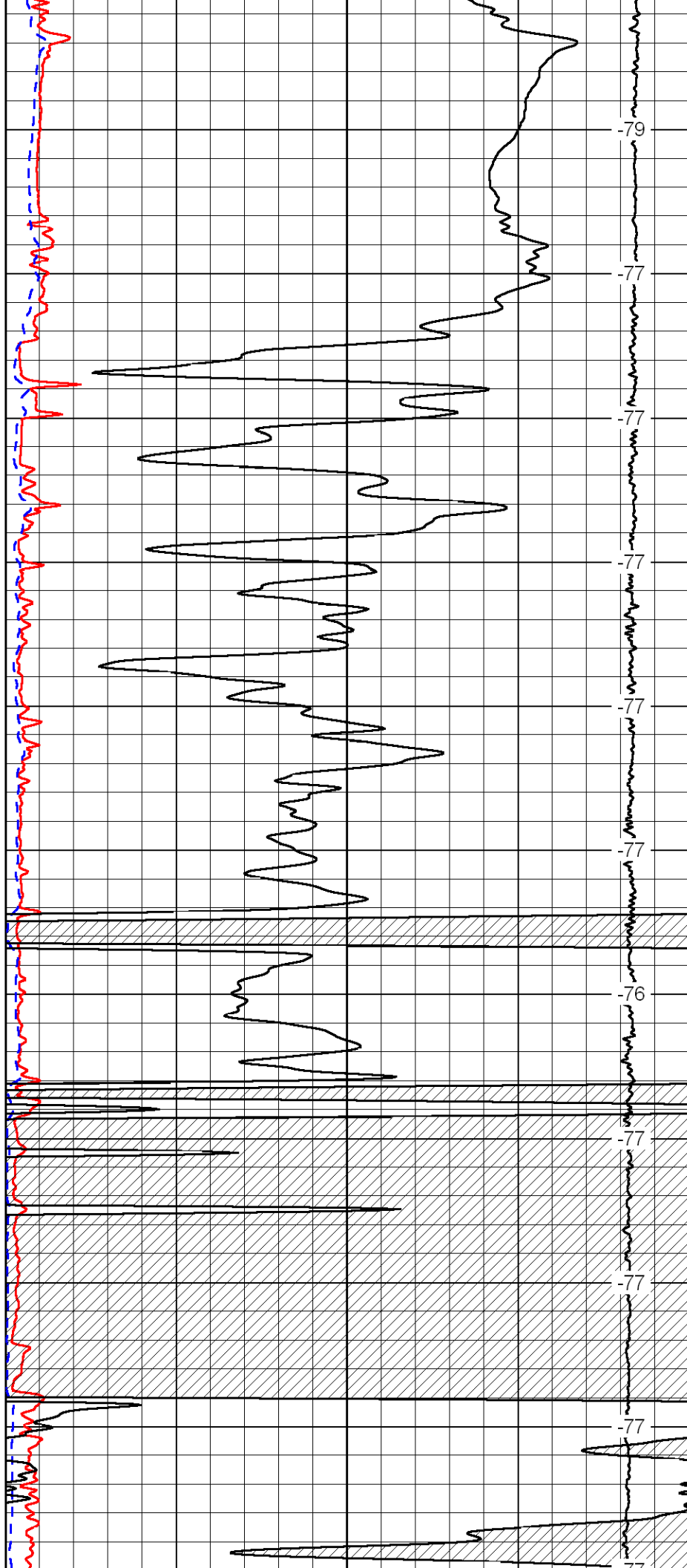
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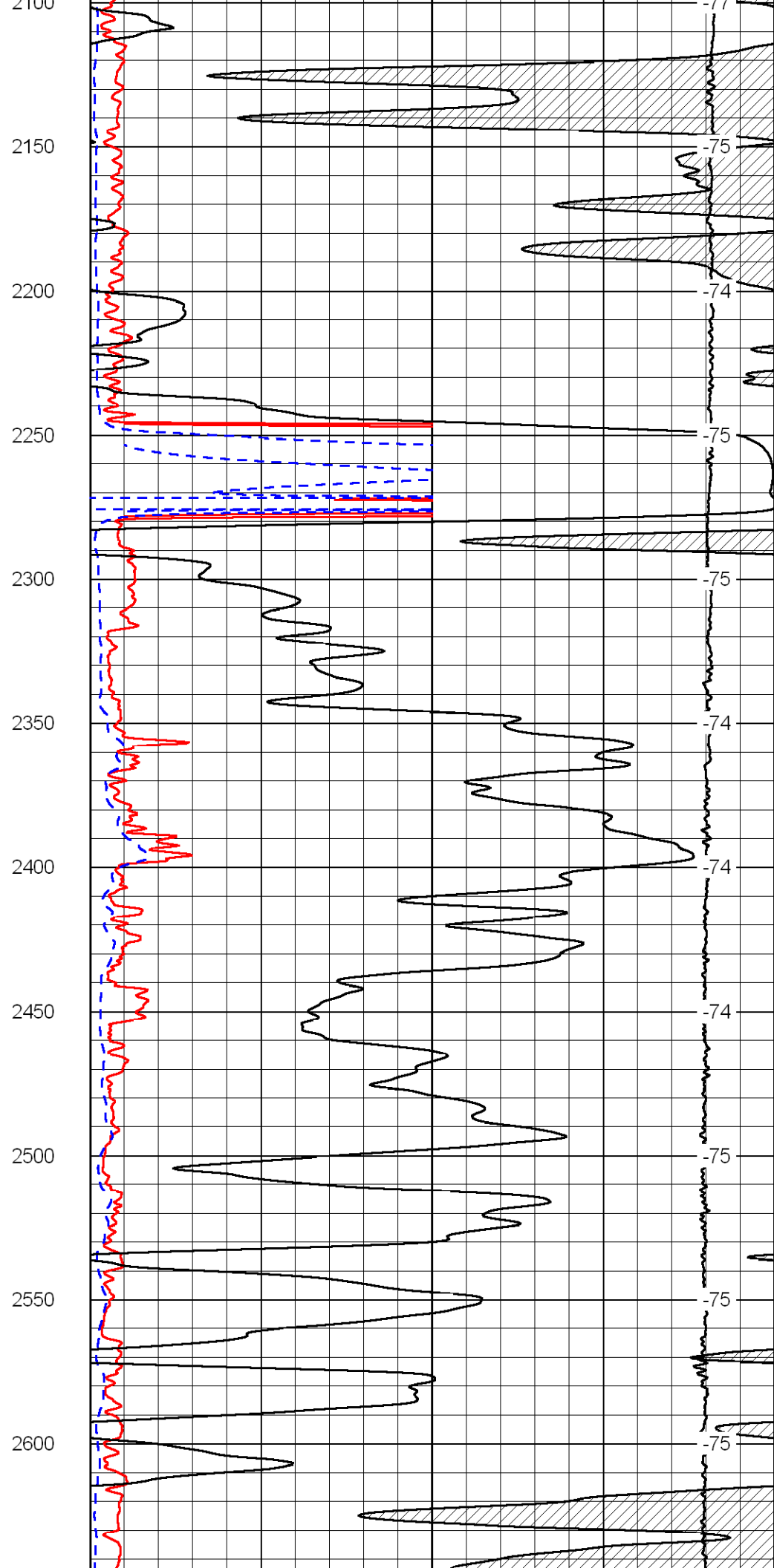
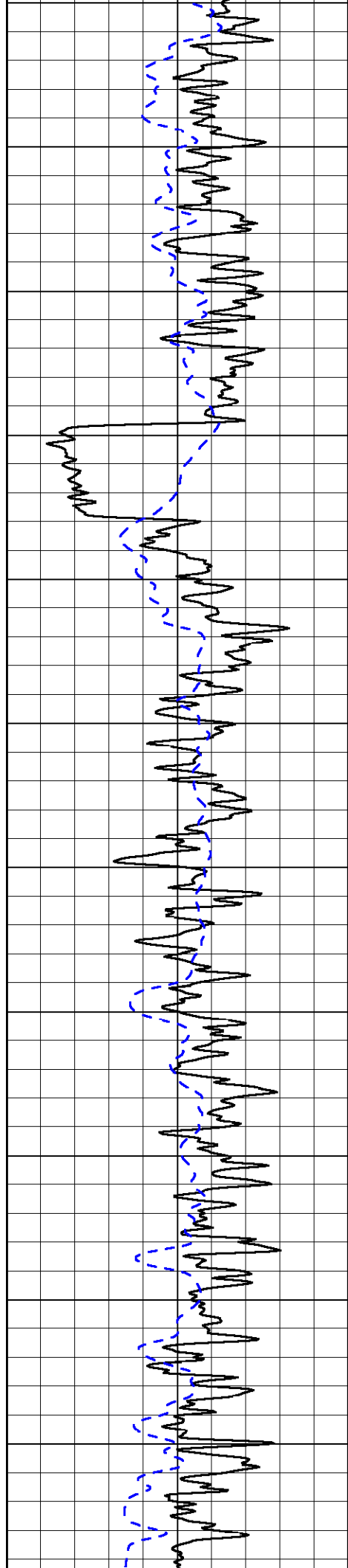
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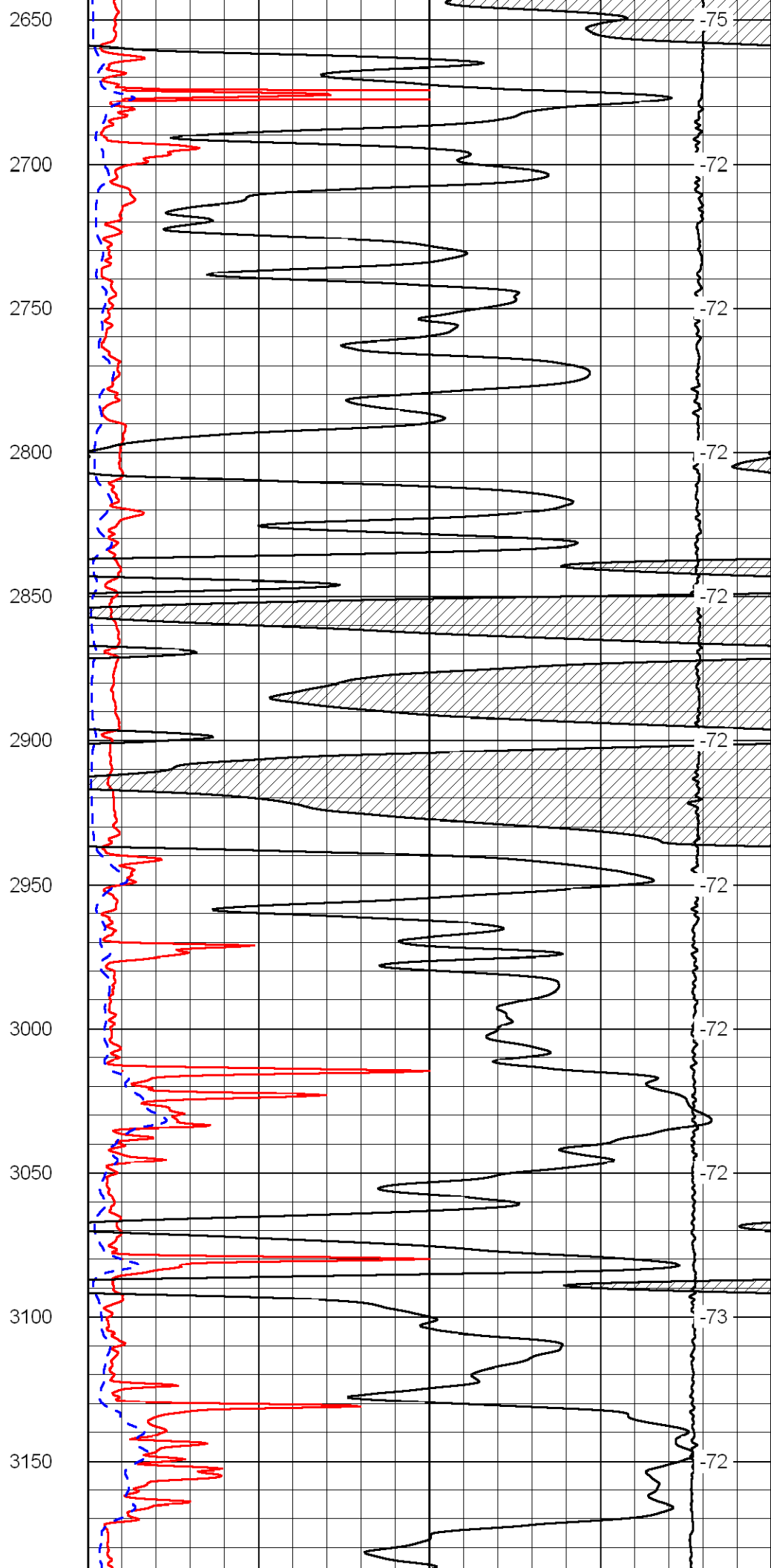
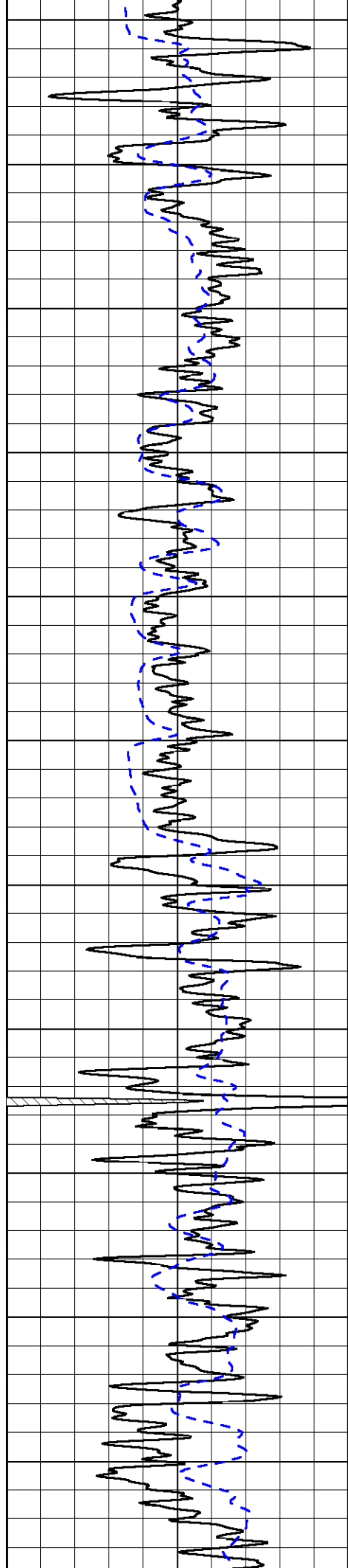
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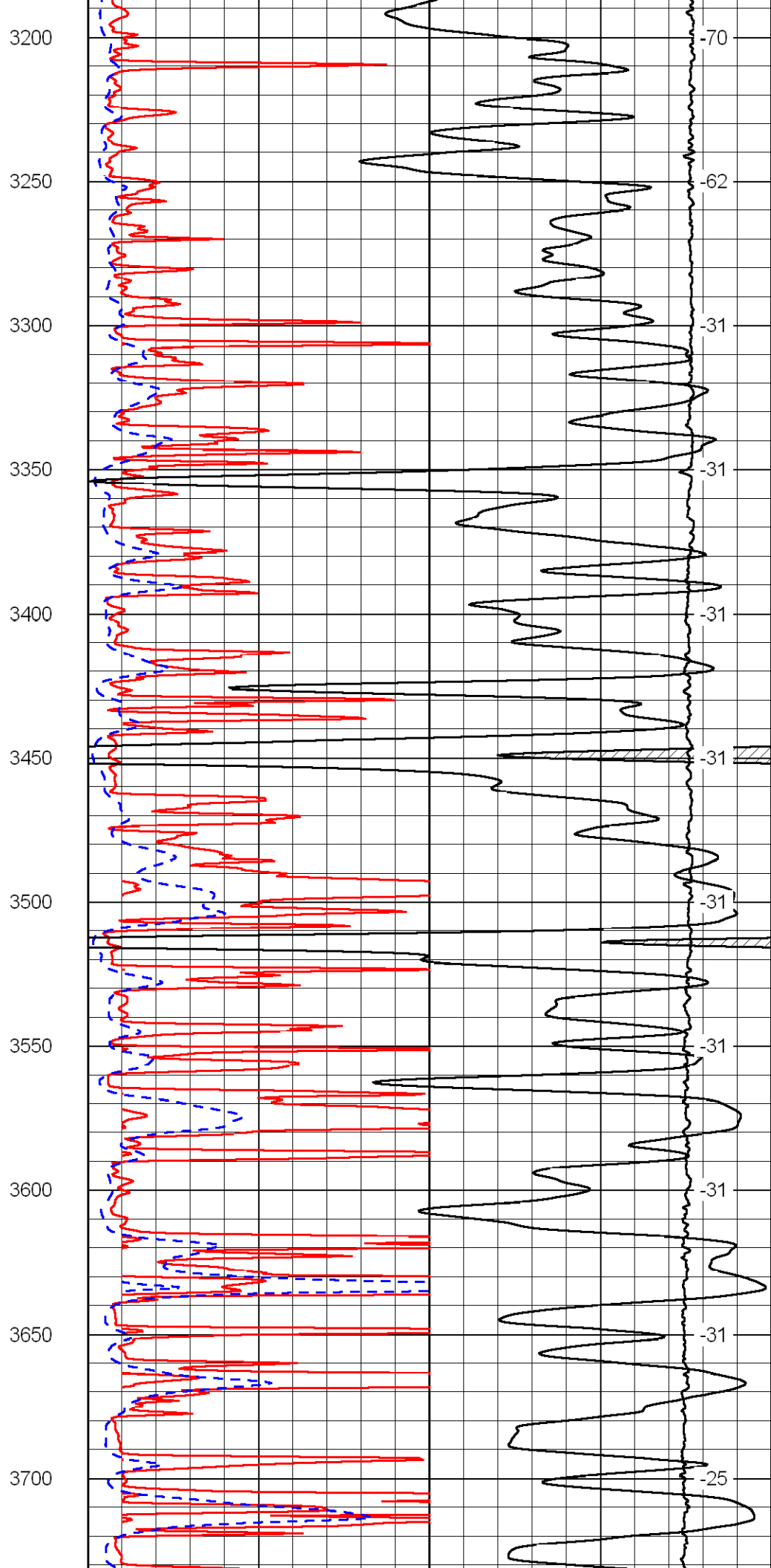
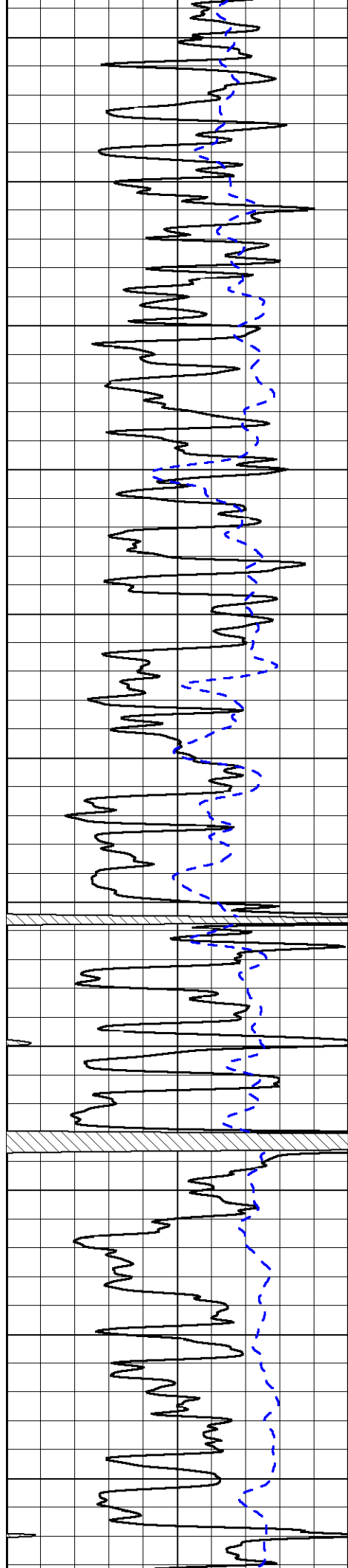
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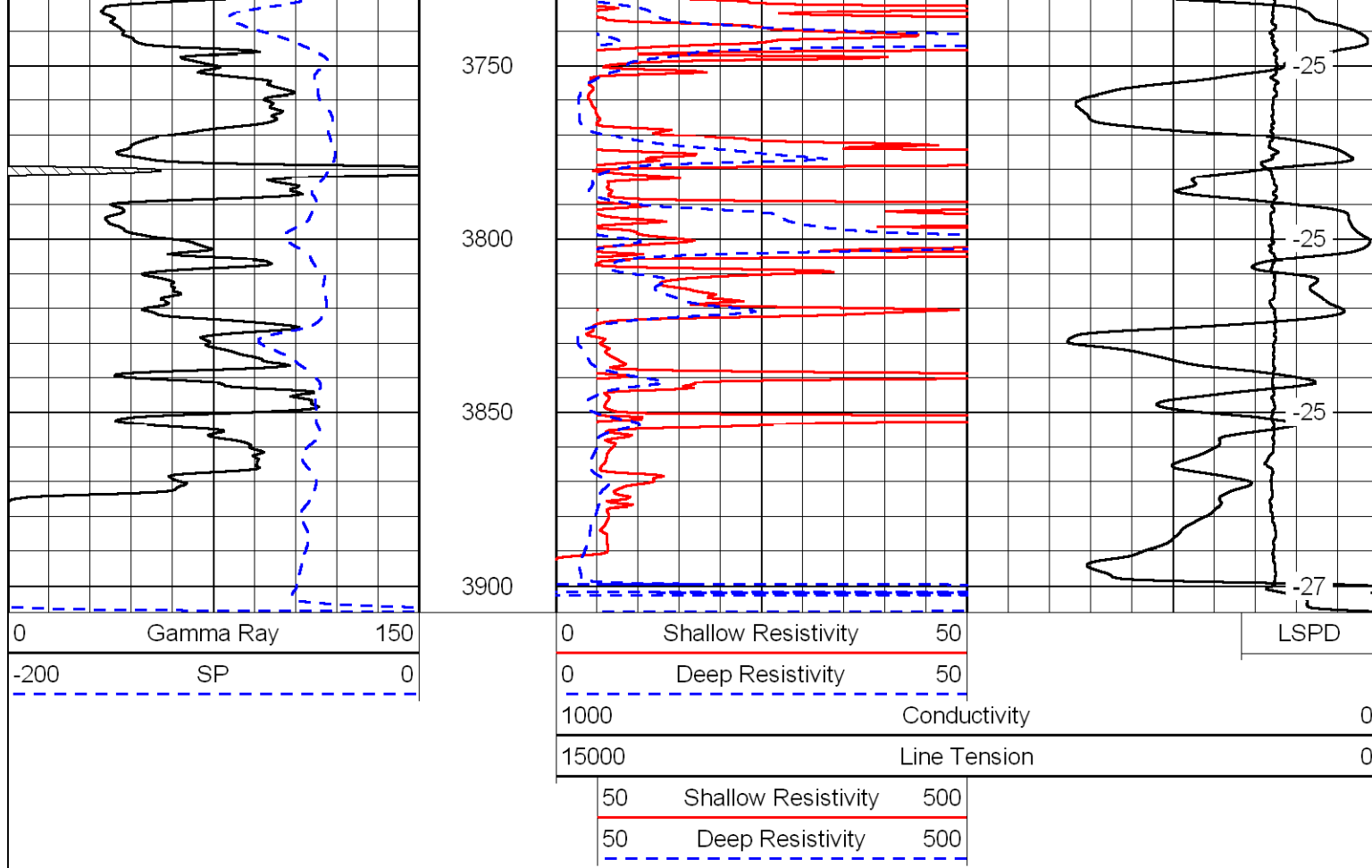
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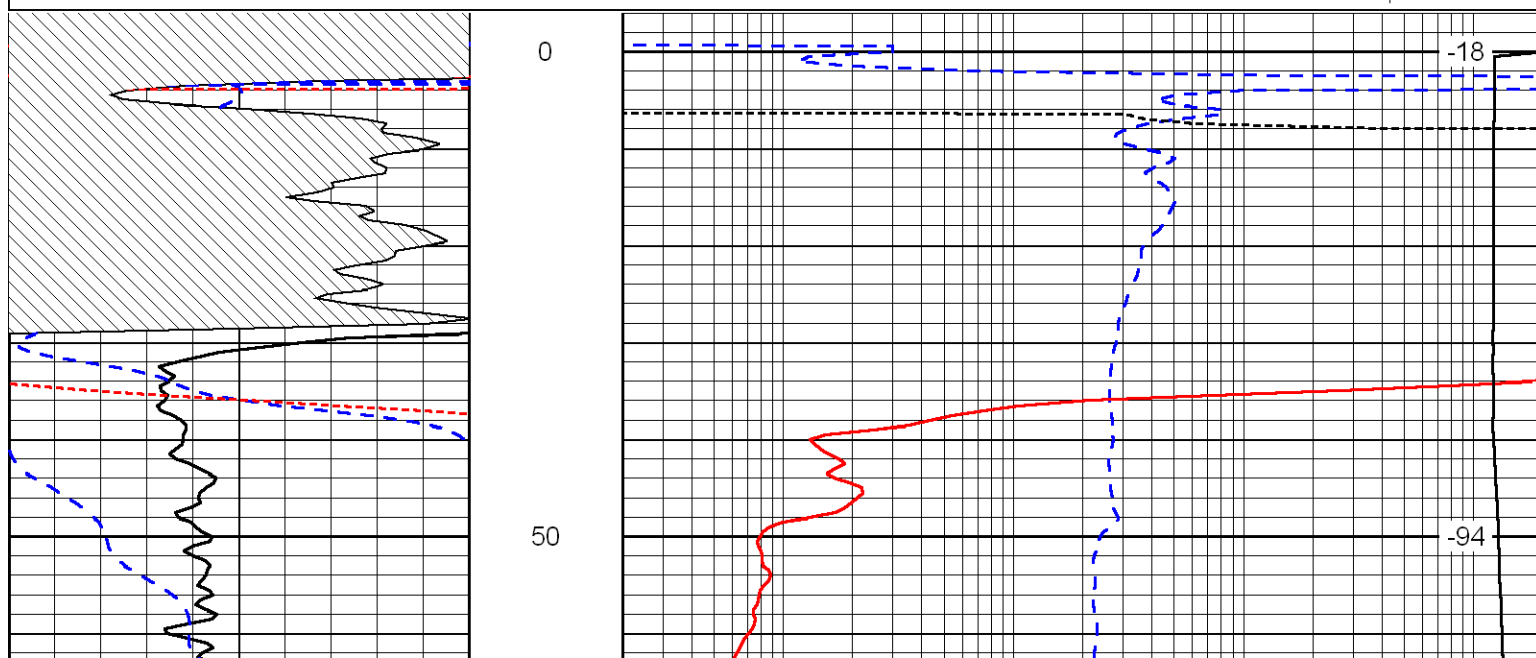
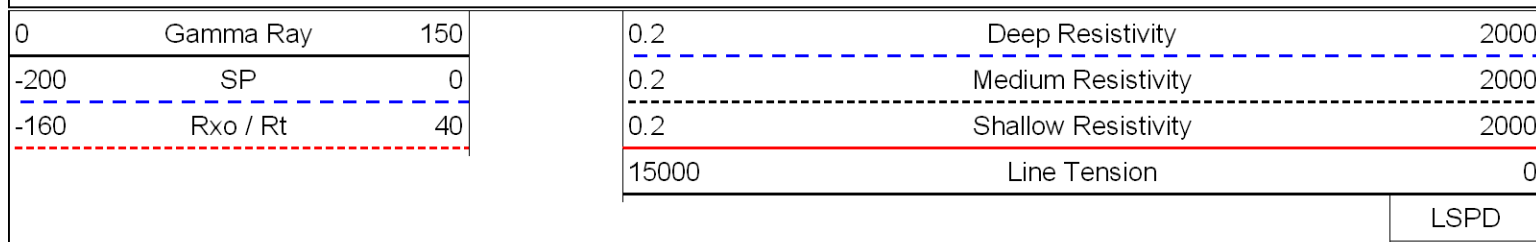


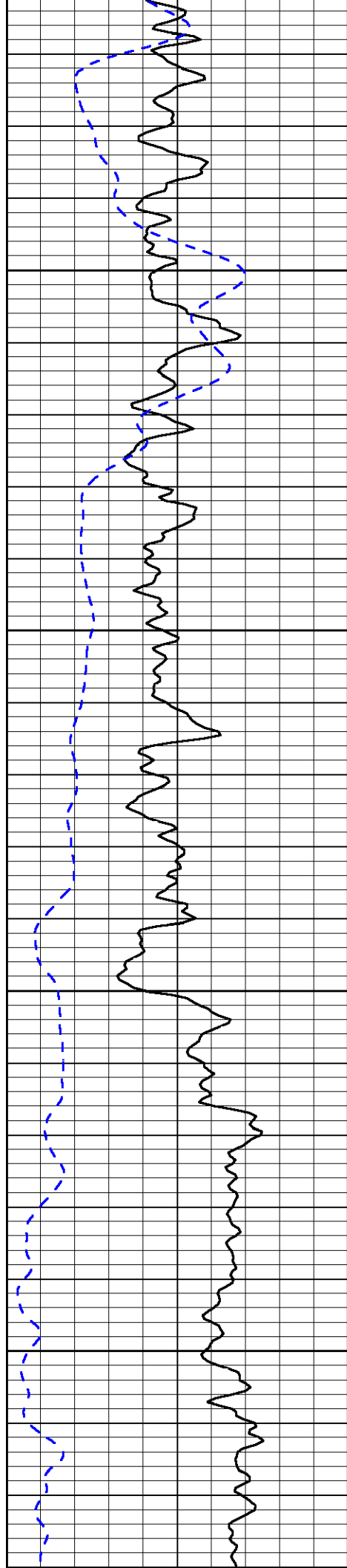






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 Charted by: Depth in Feet scaled 1:240



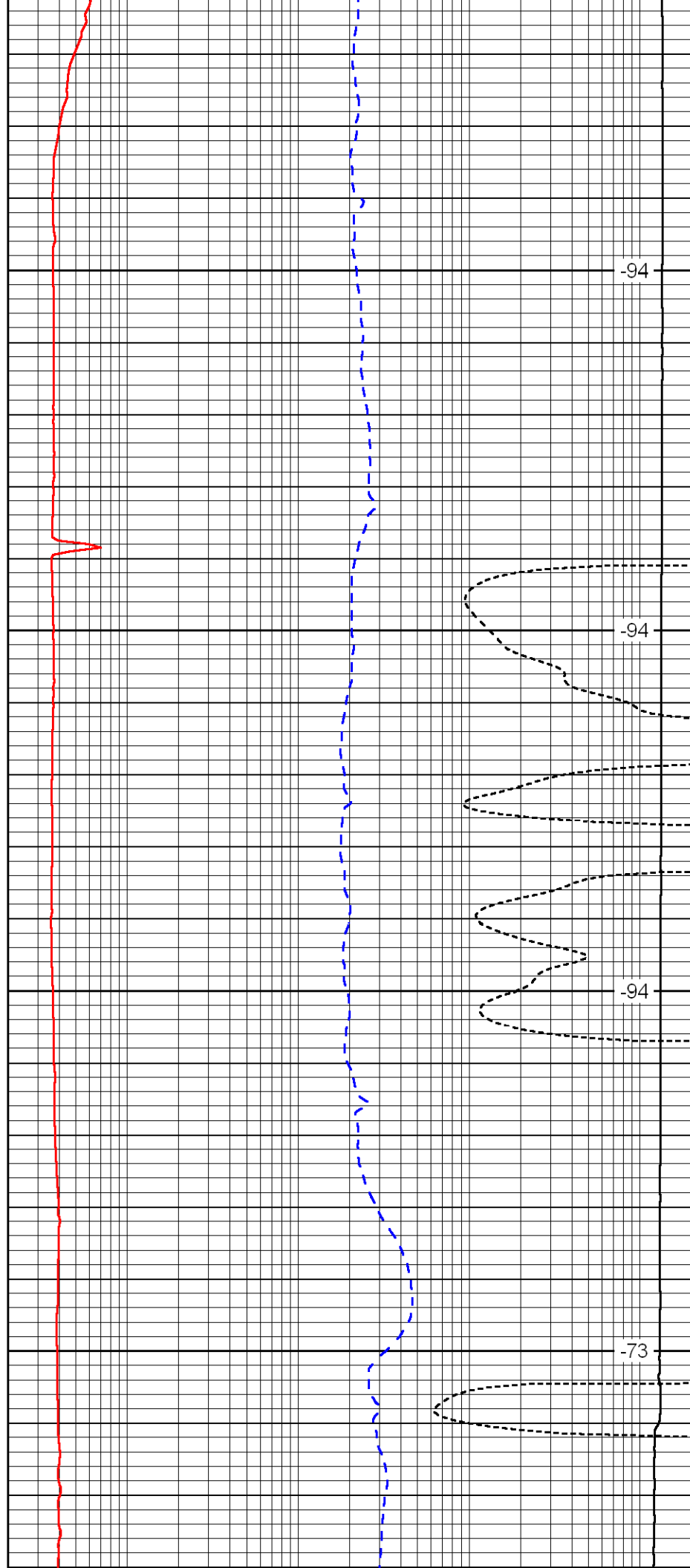


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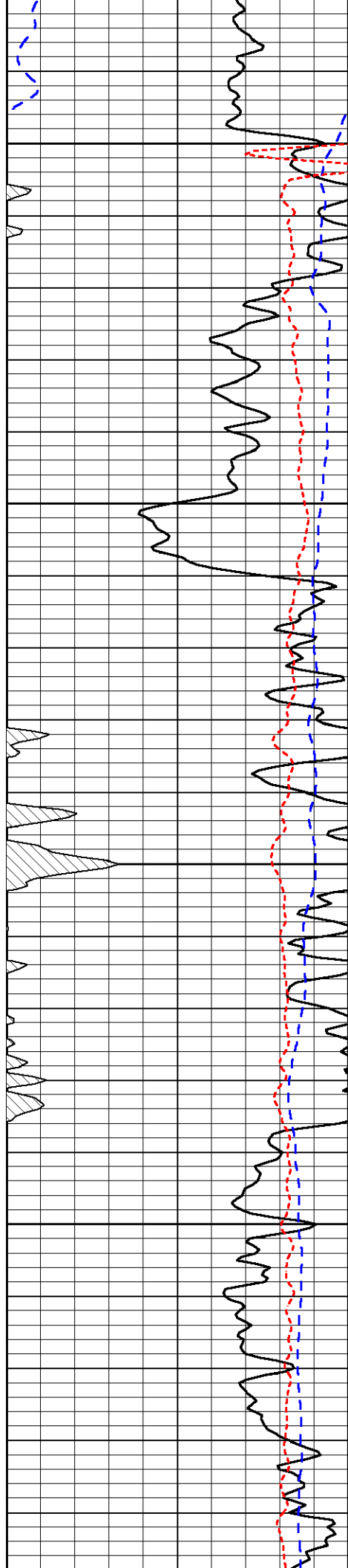


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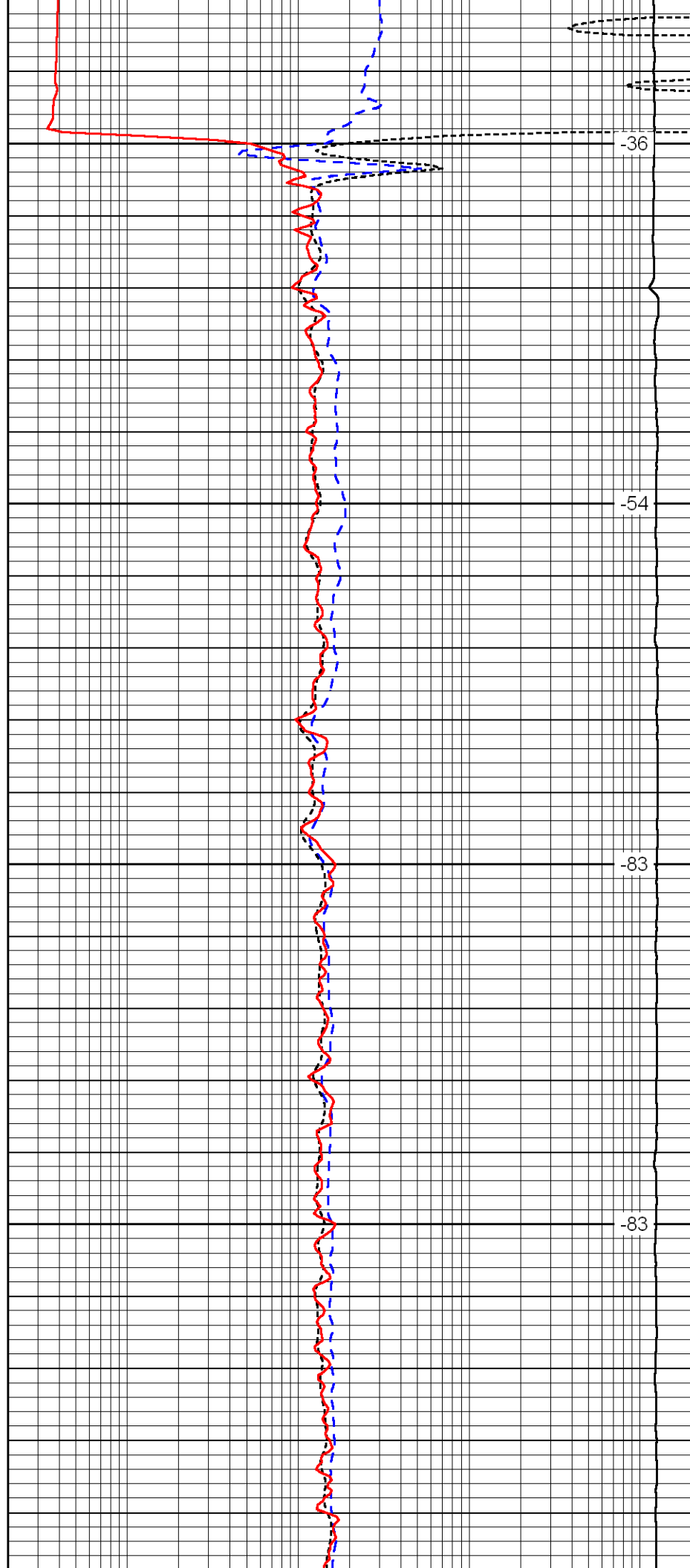


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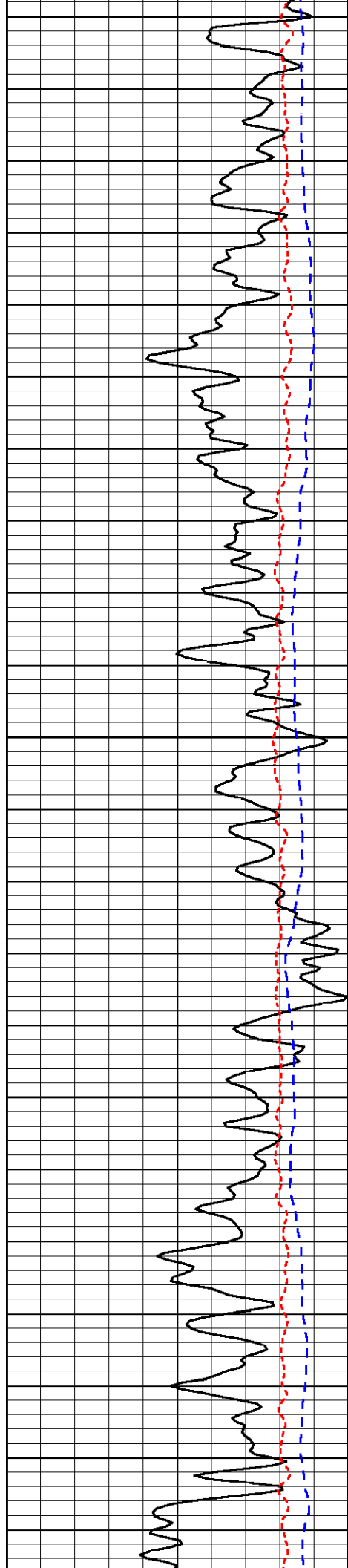


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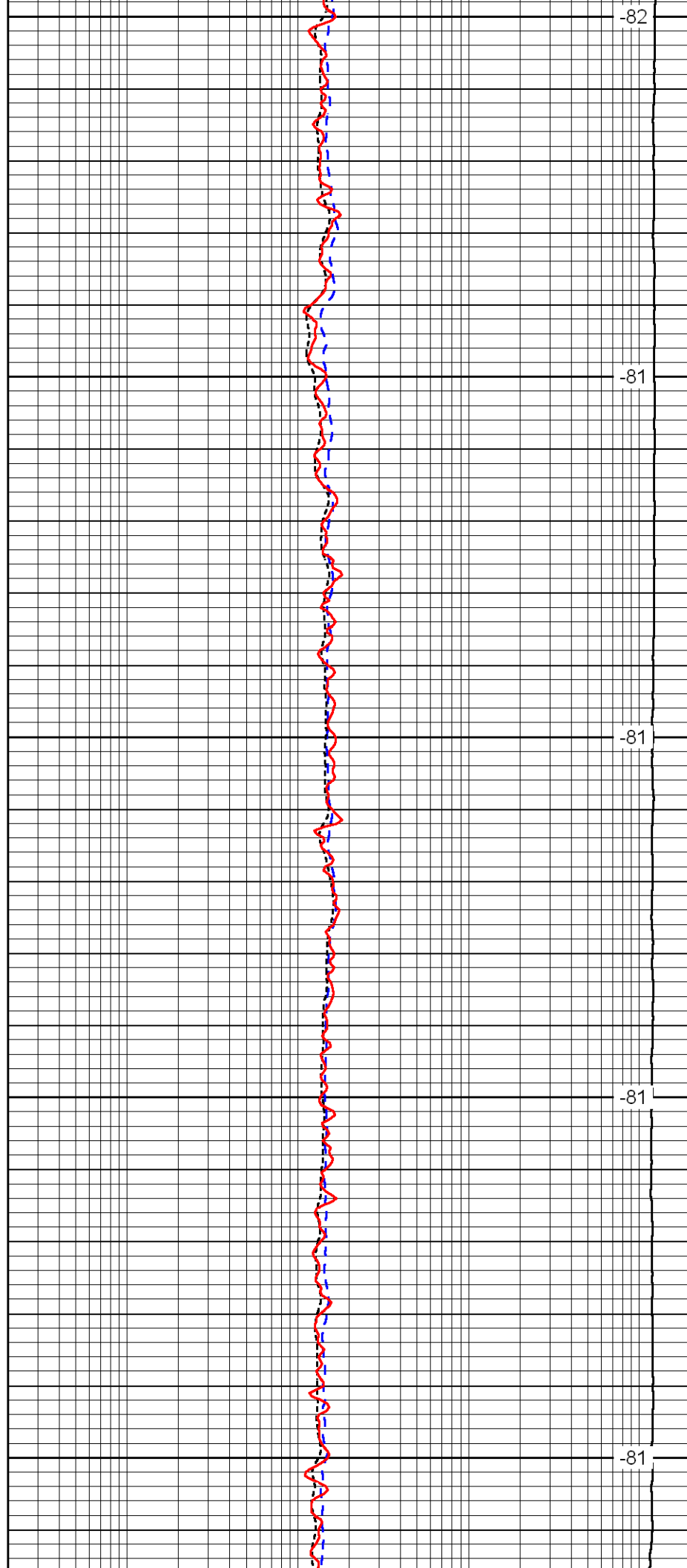
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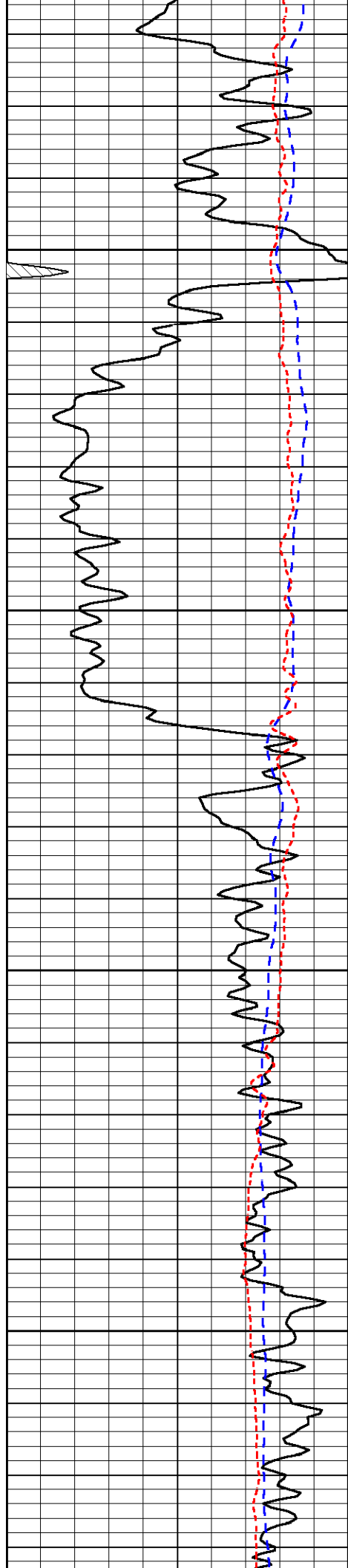
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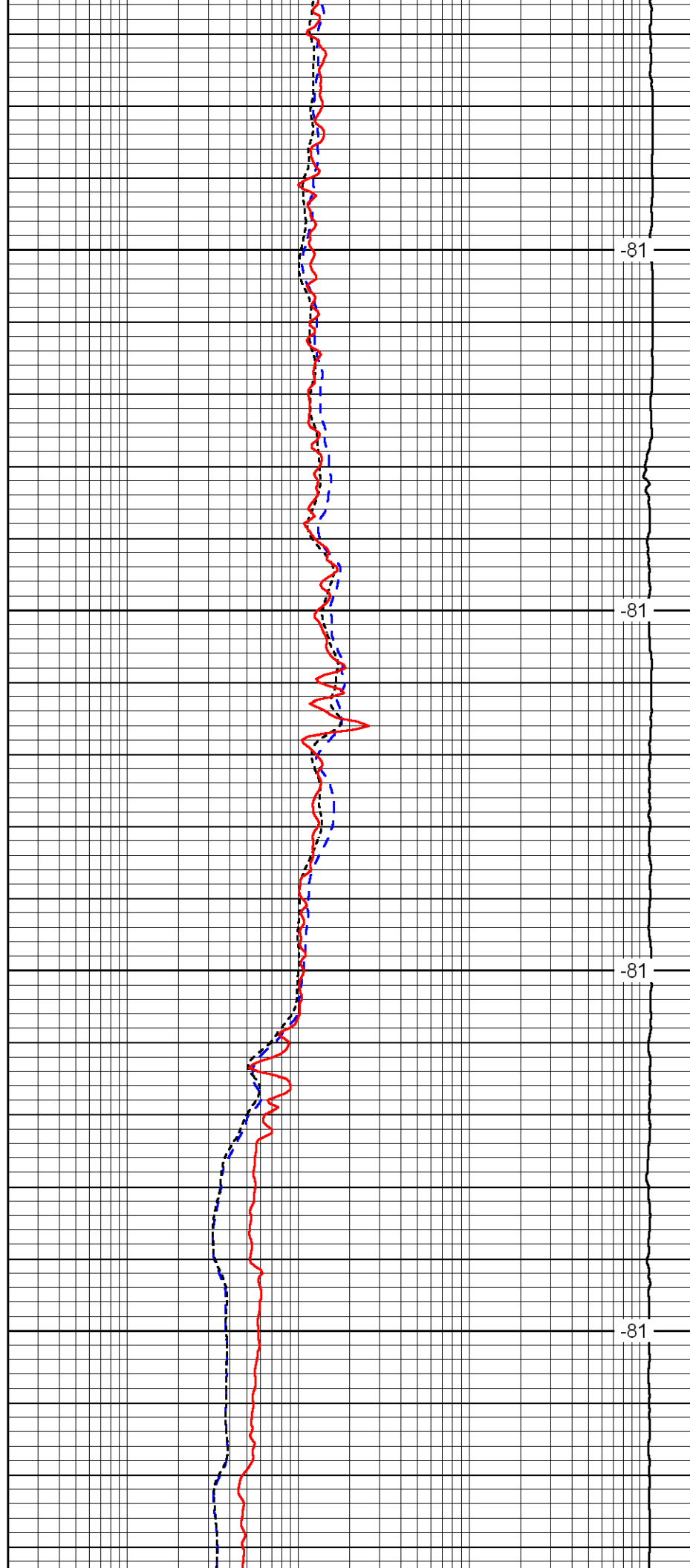


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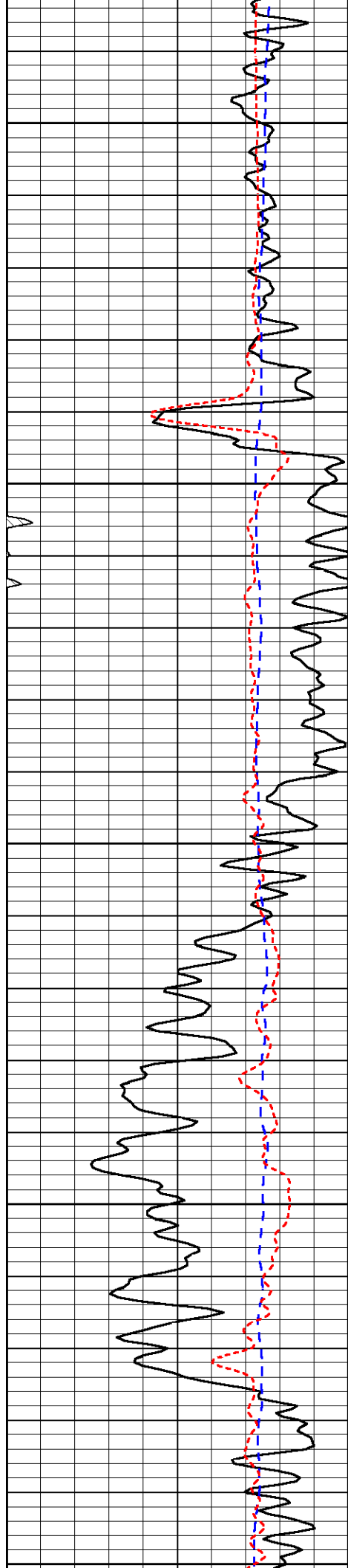


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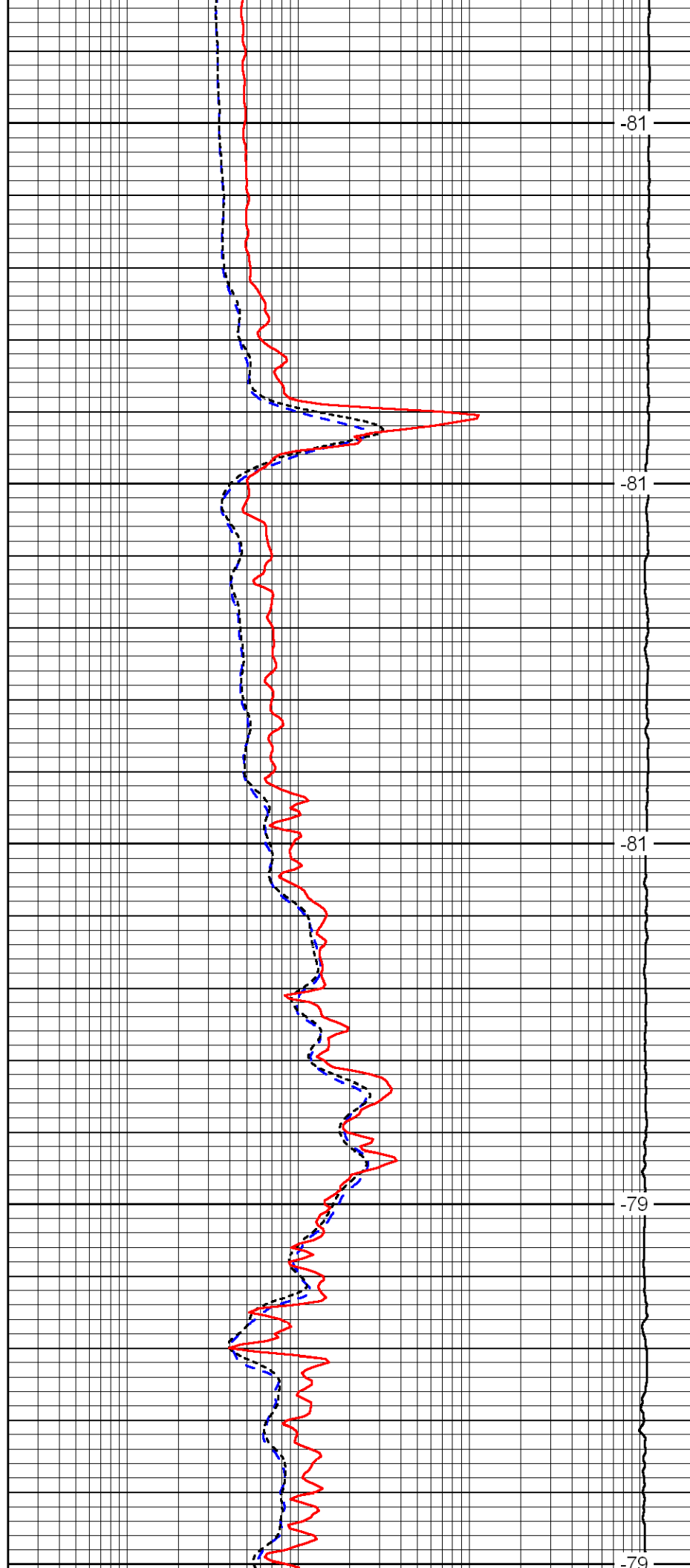
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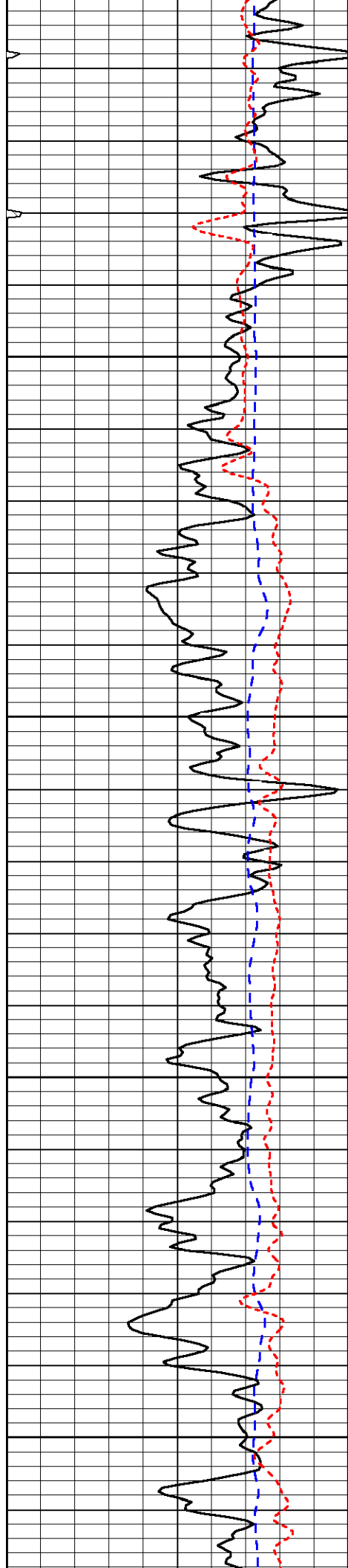
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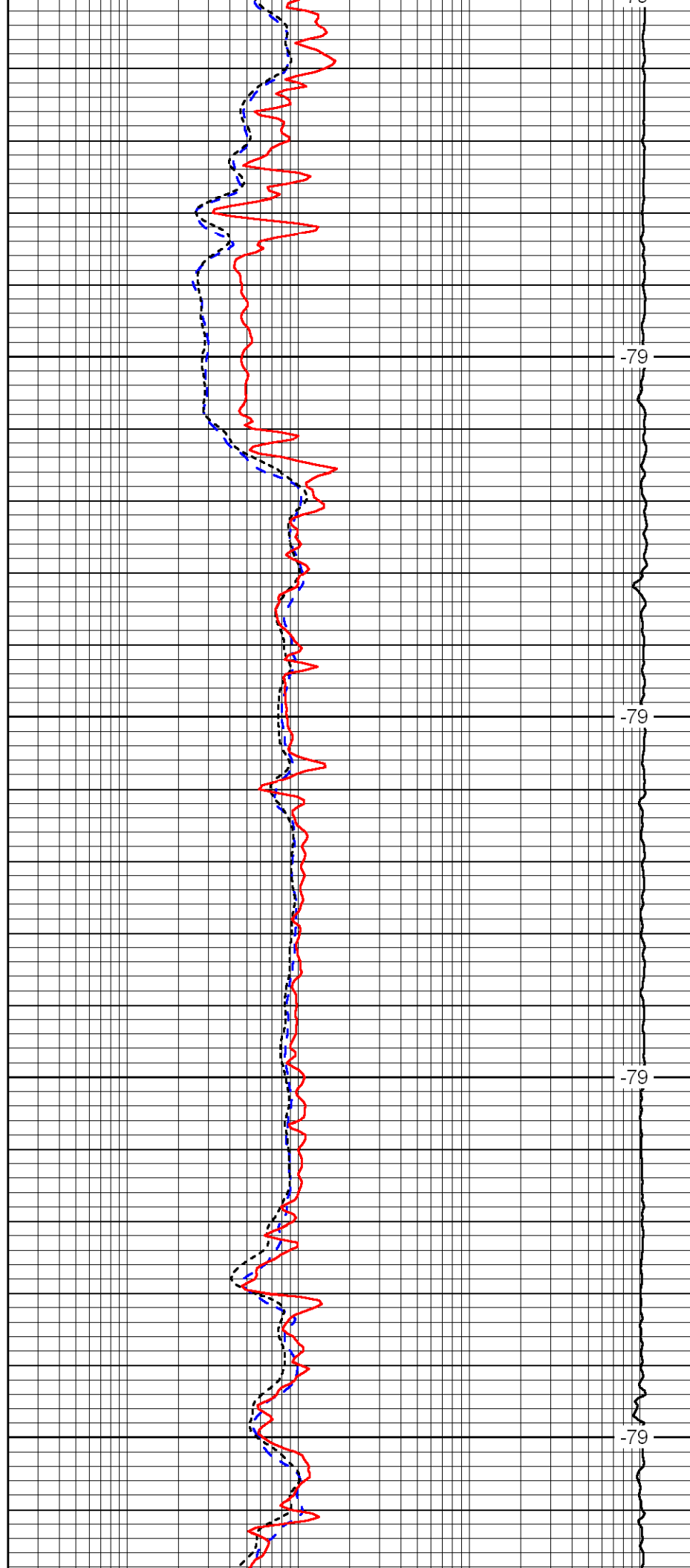


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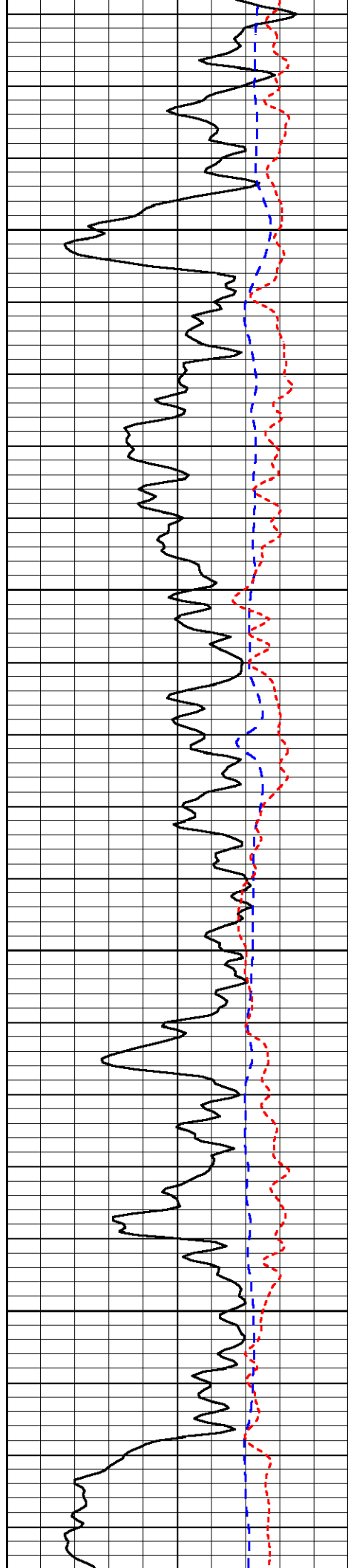


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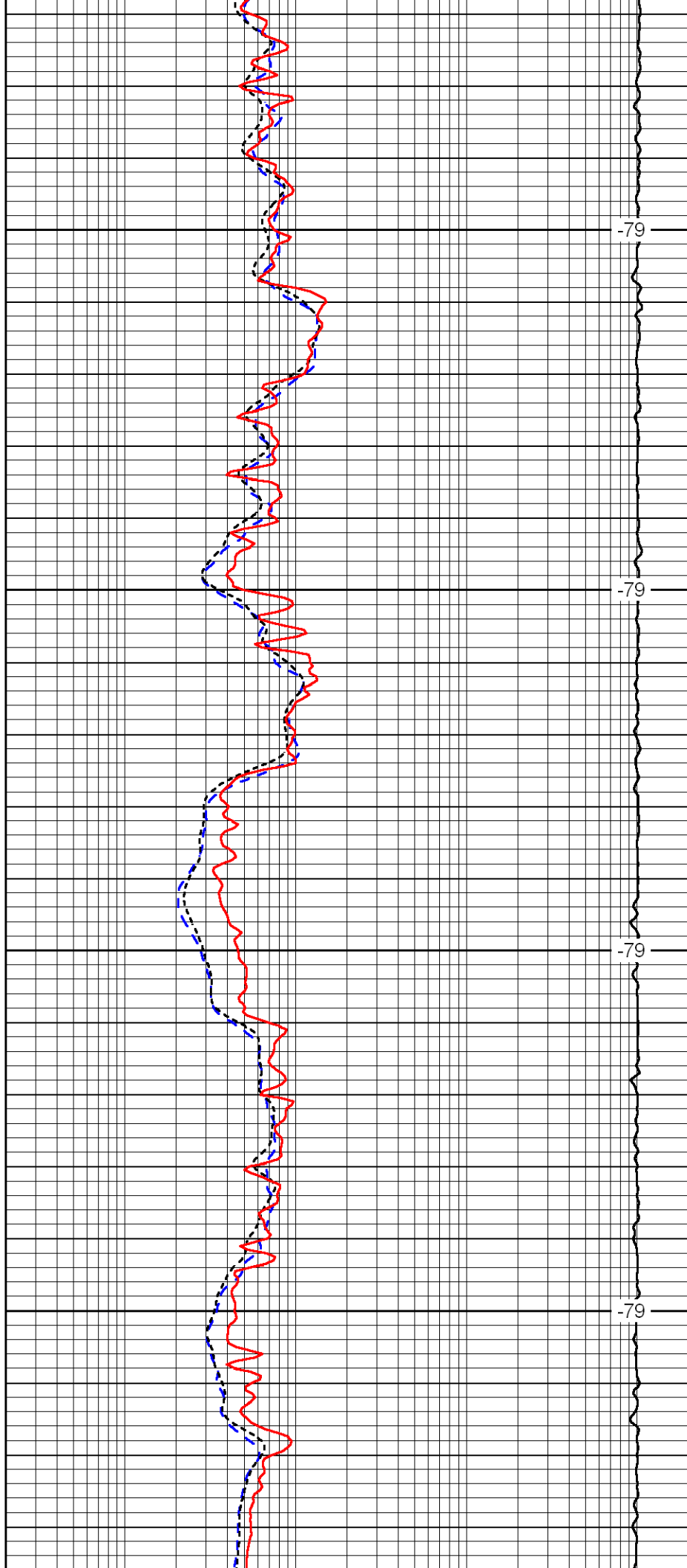


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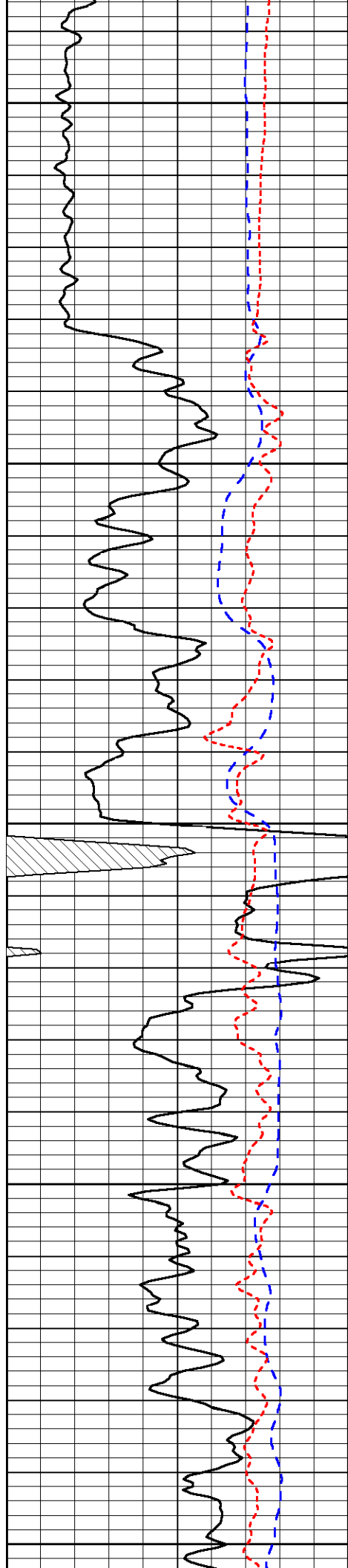


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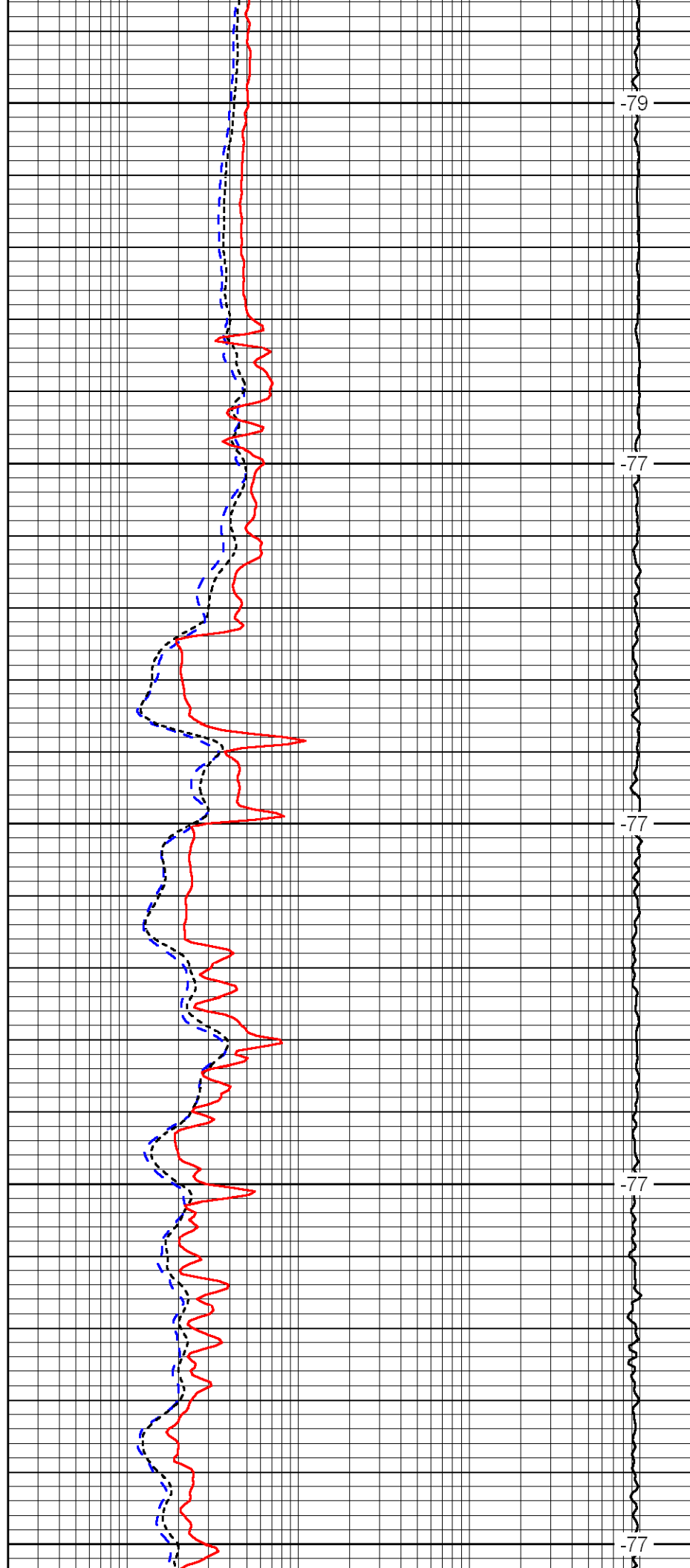
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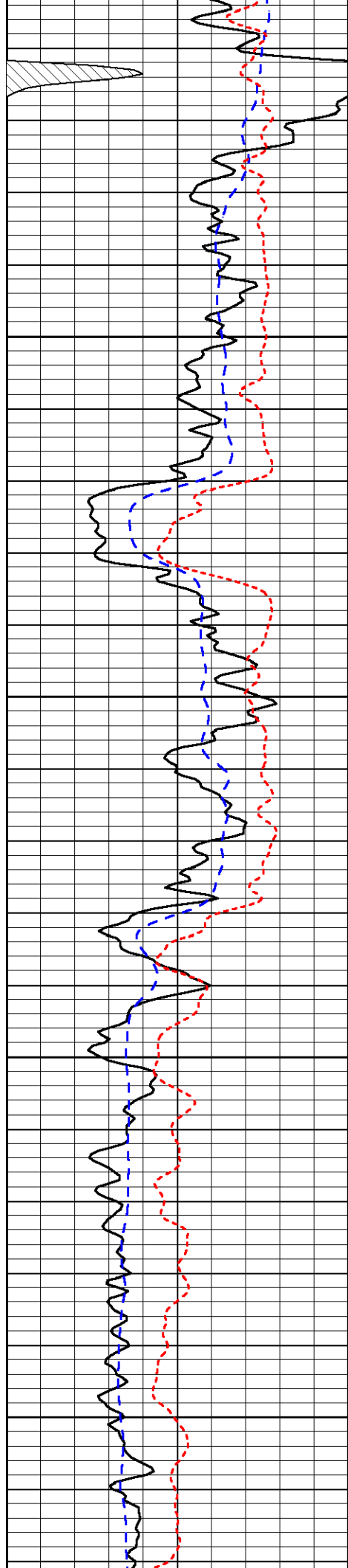
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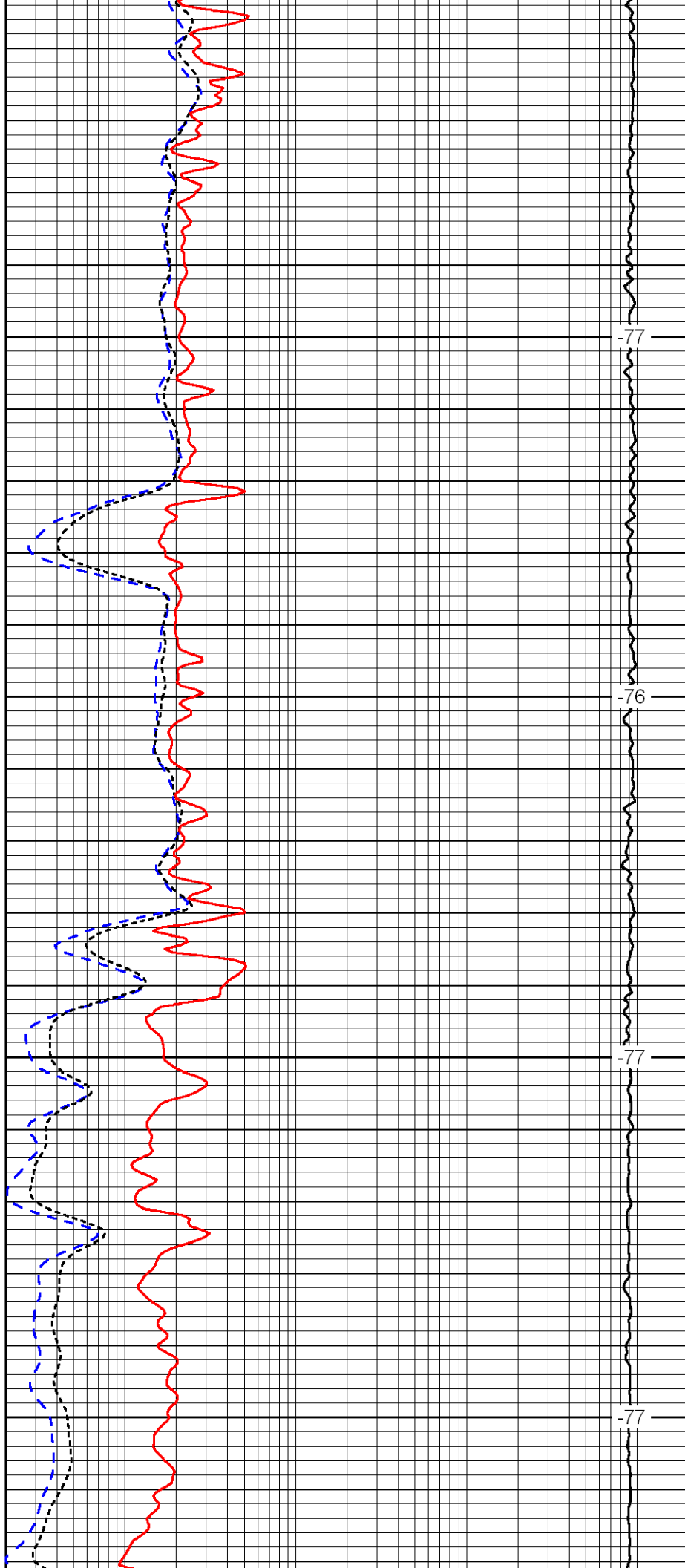


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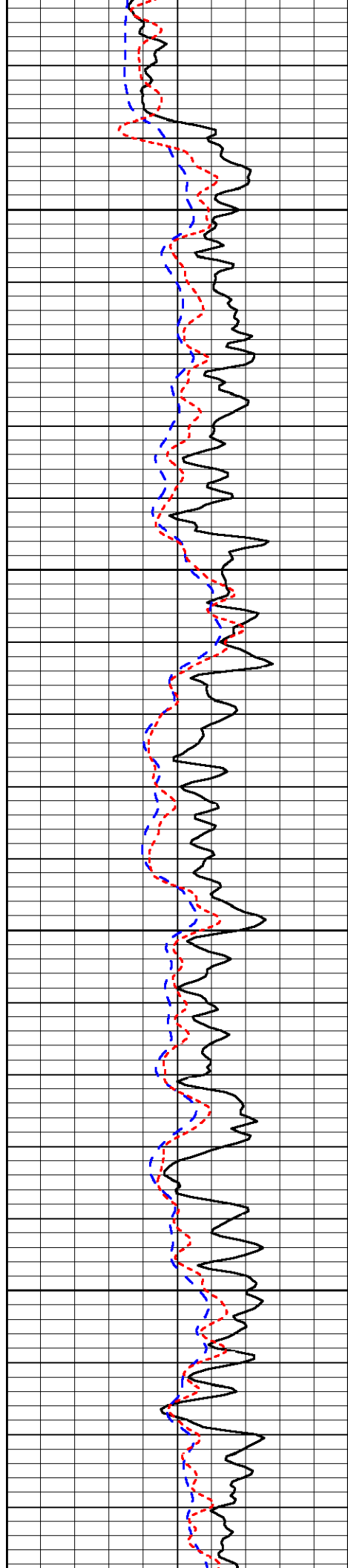


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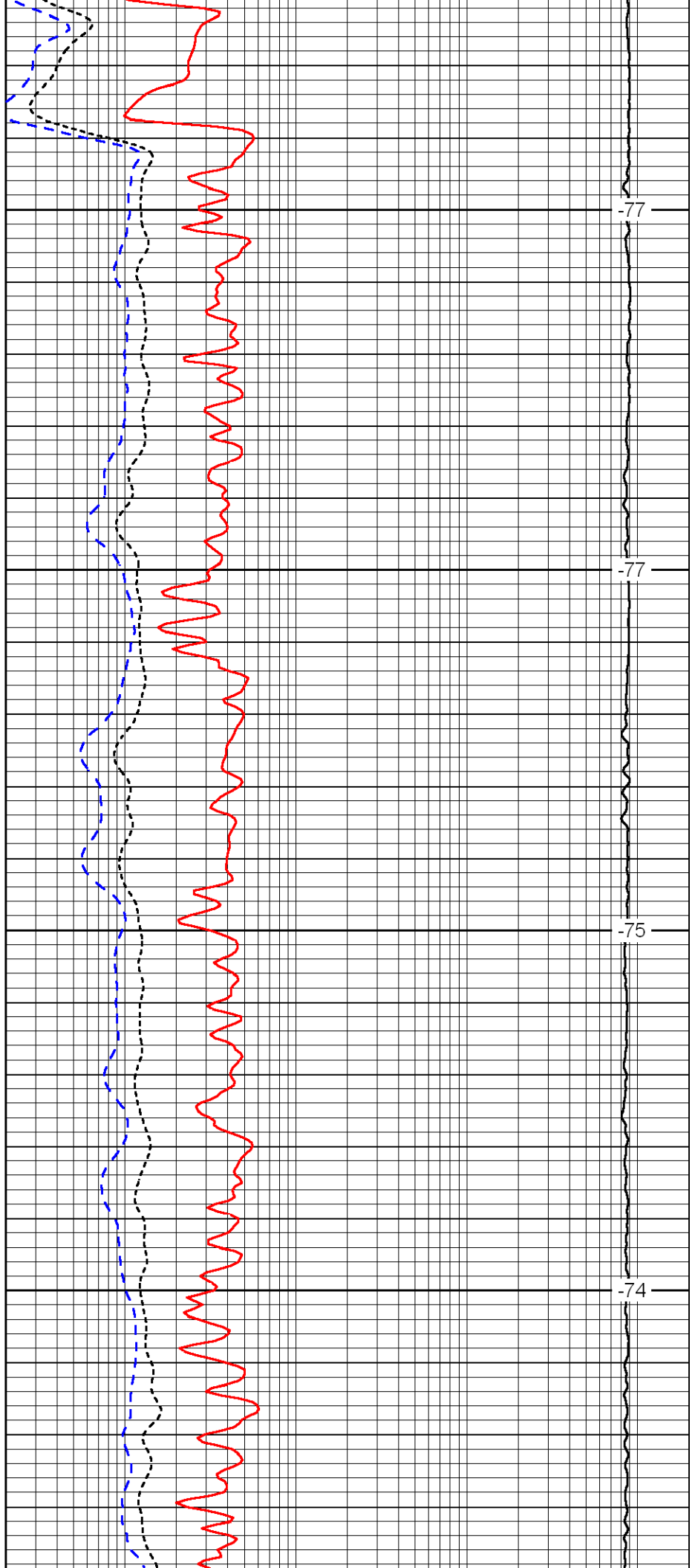


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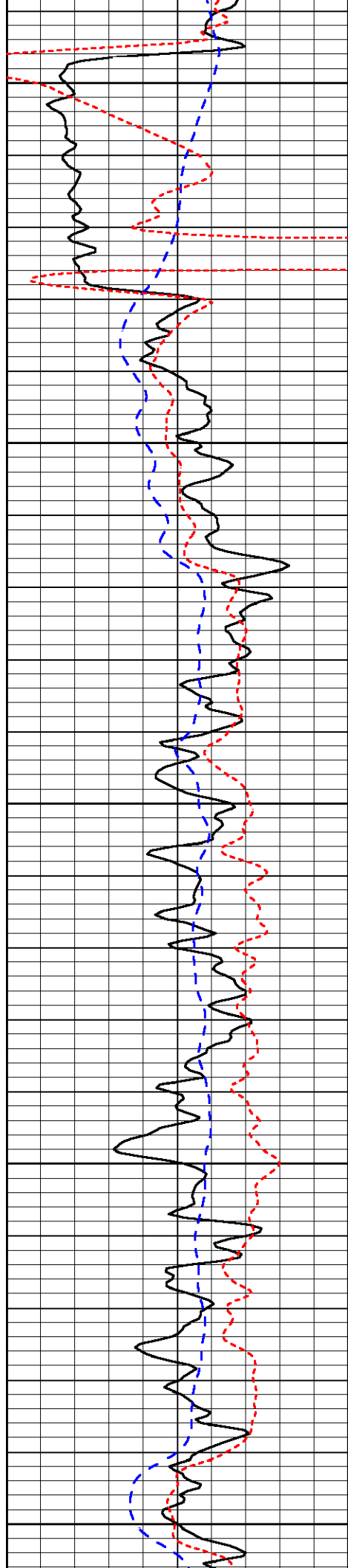


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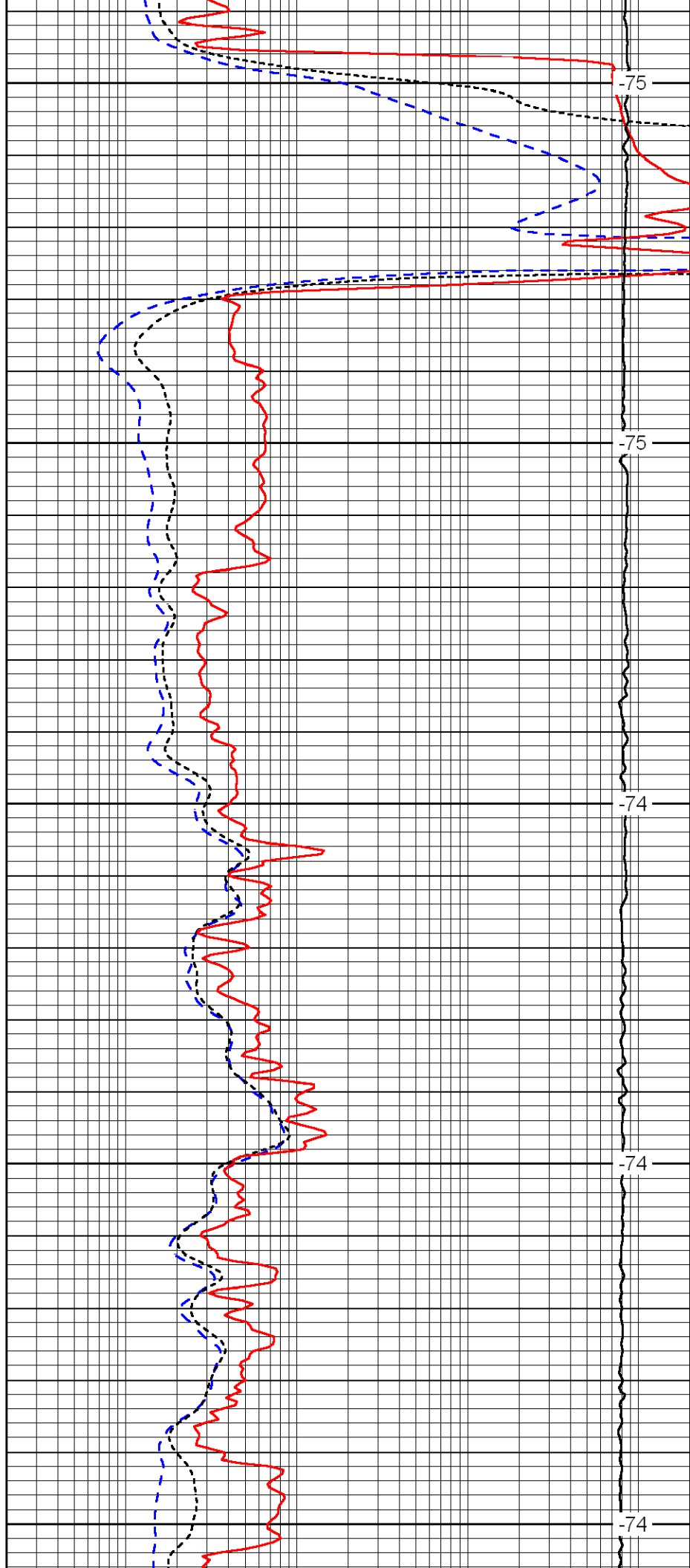
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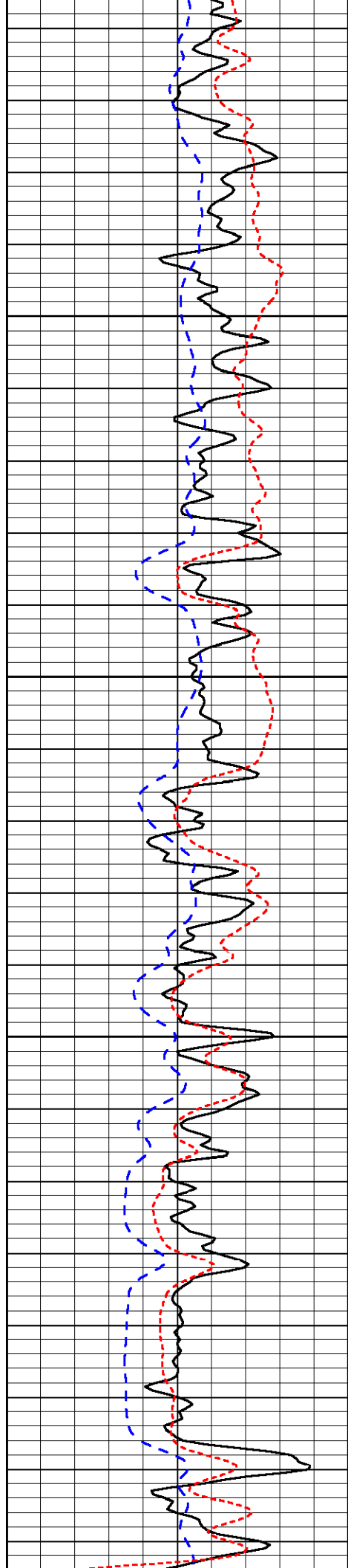
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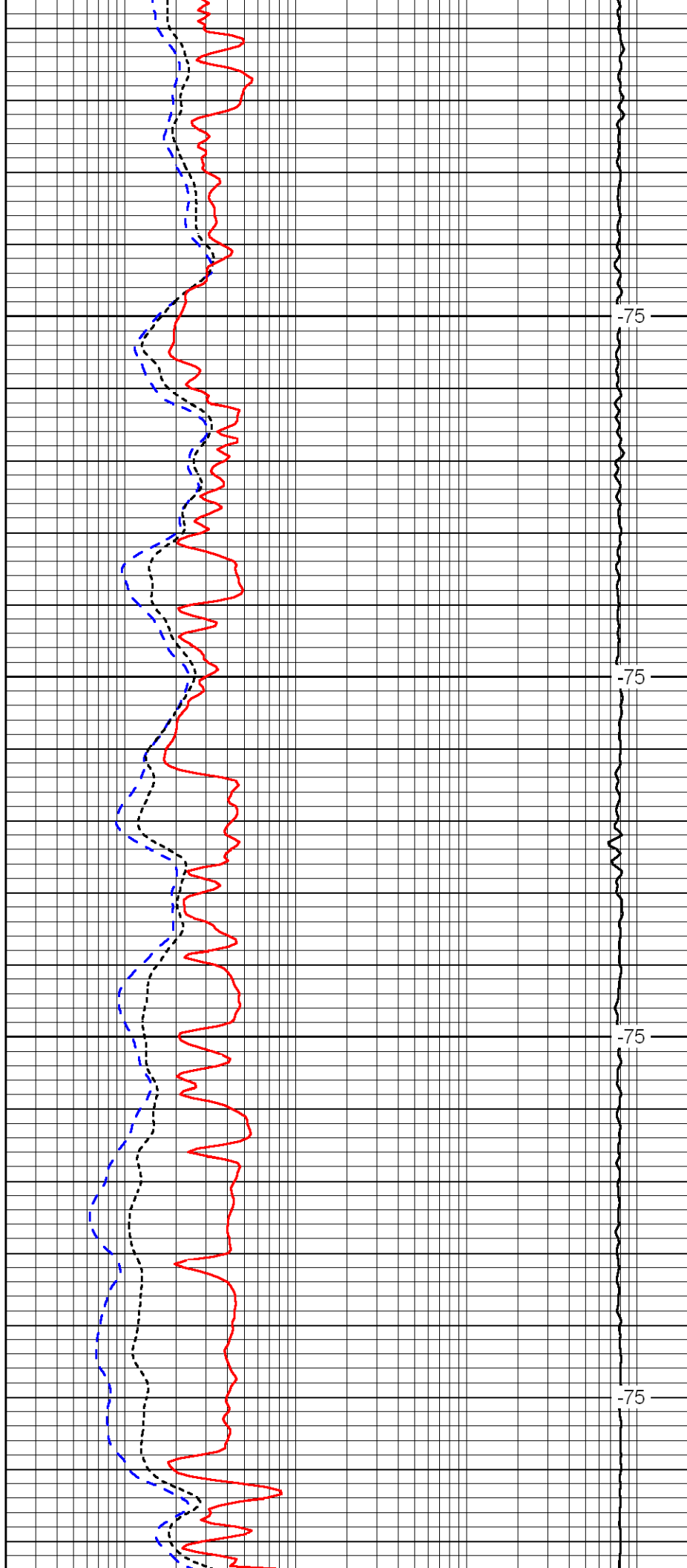


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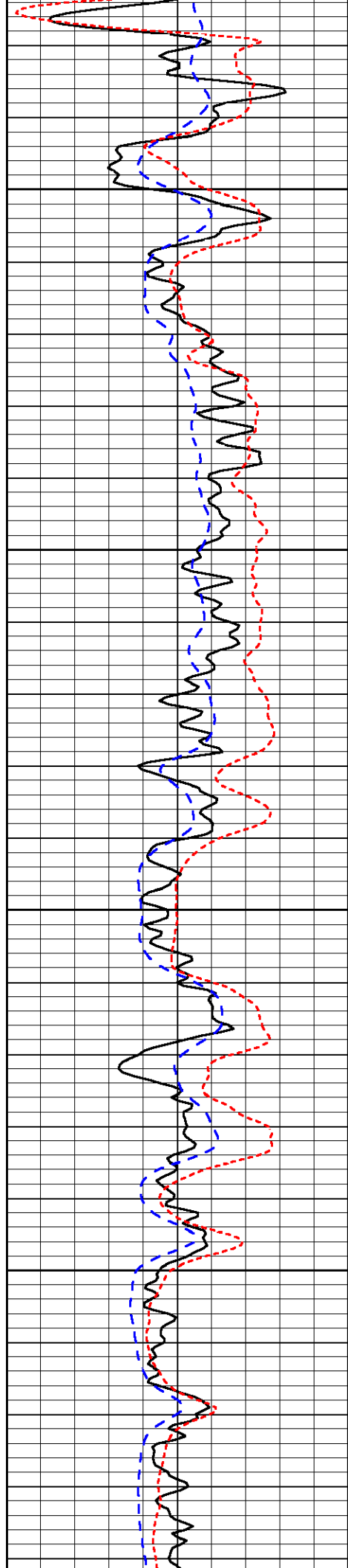


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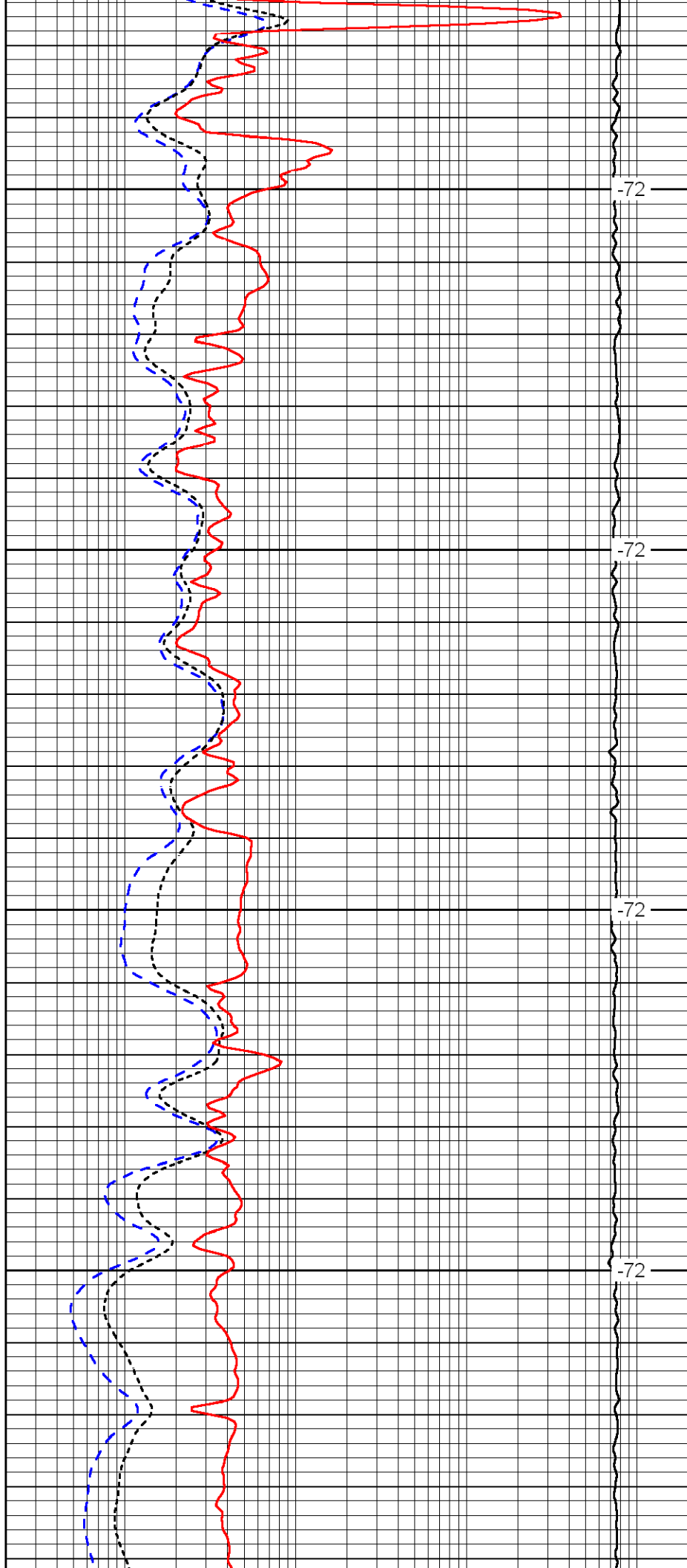


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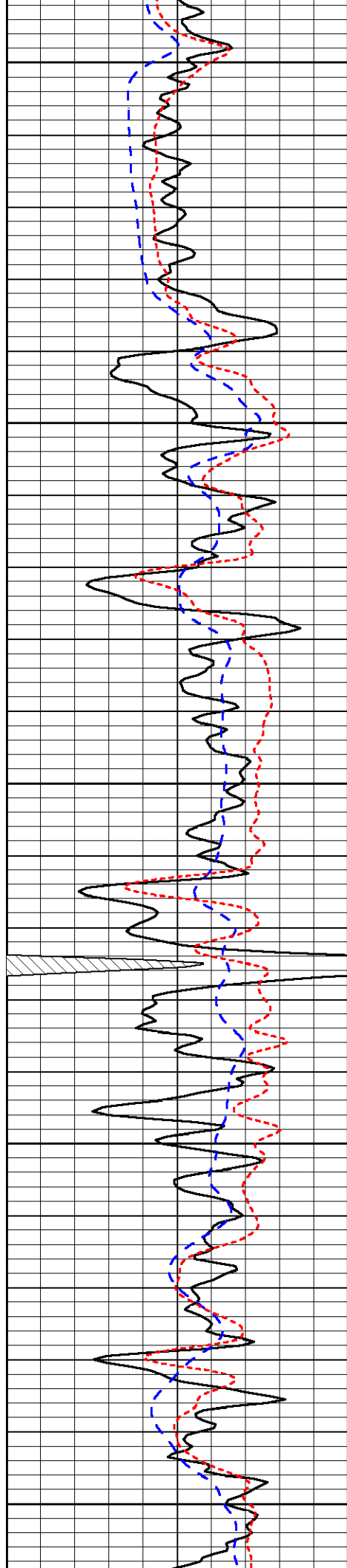


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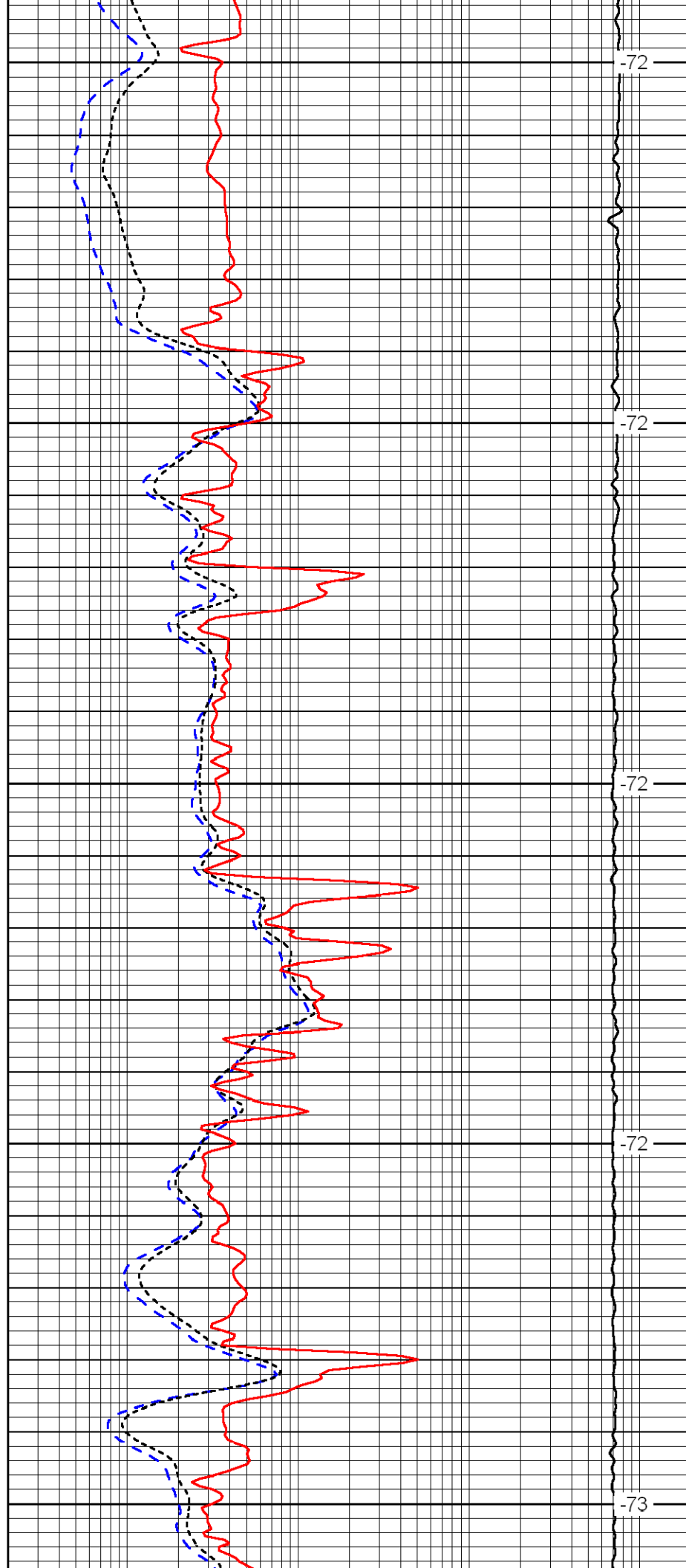
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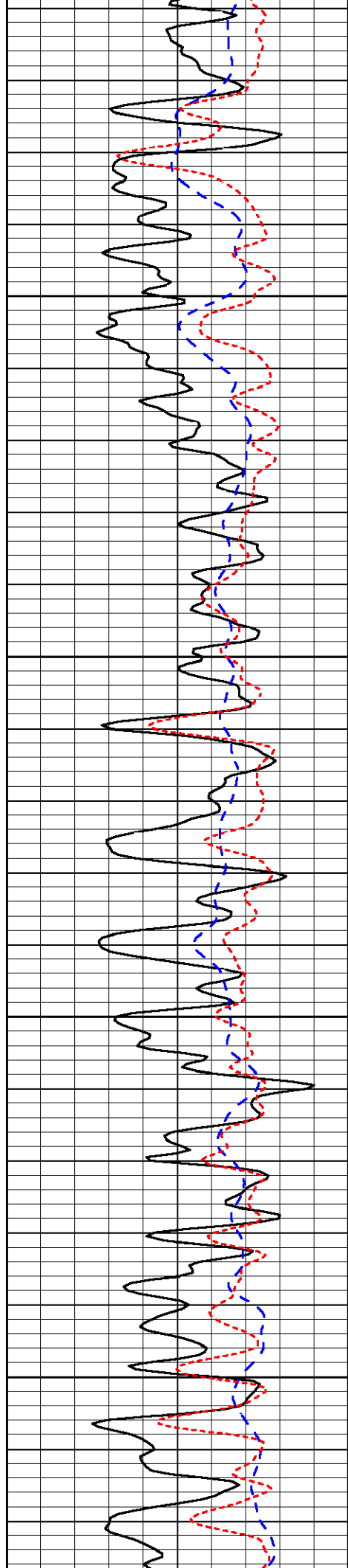
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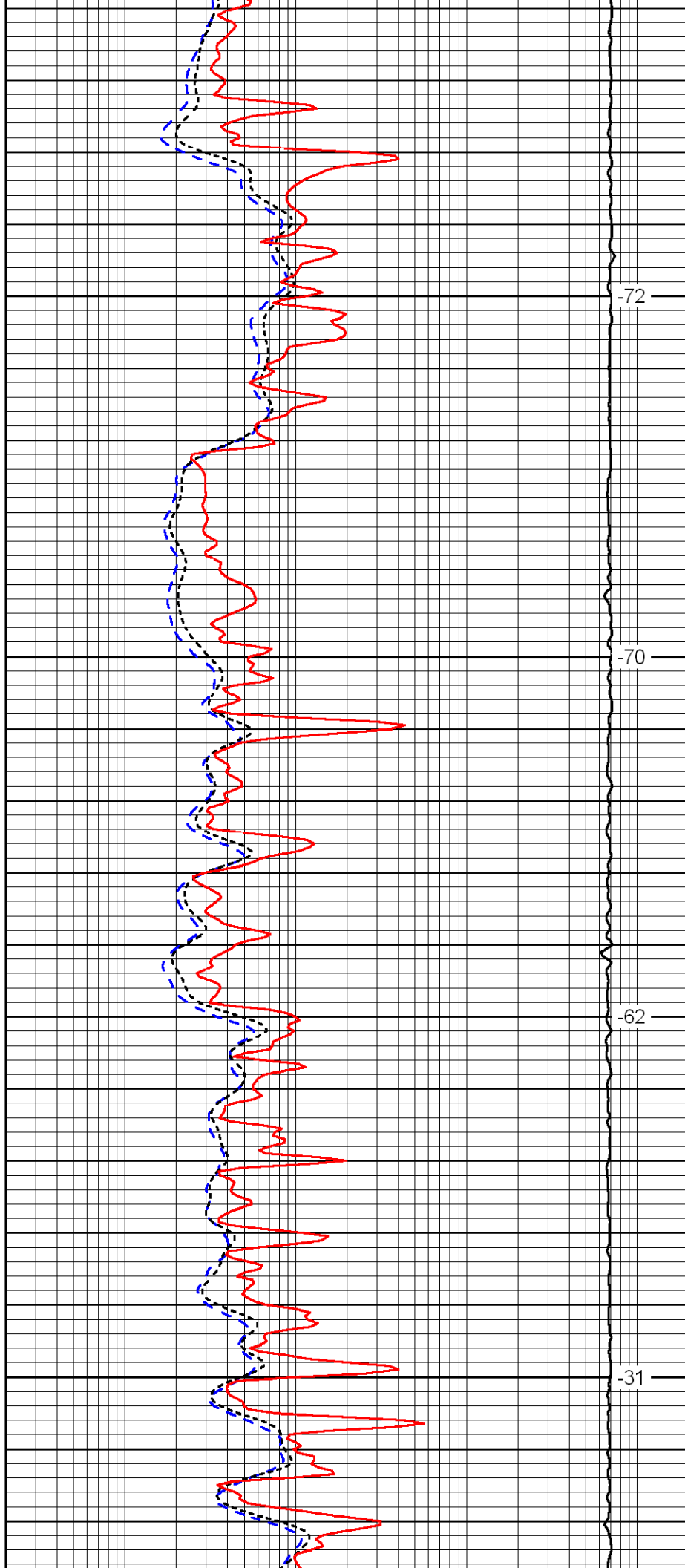


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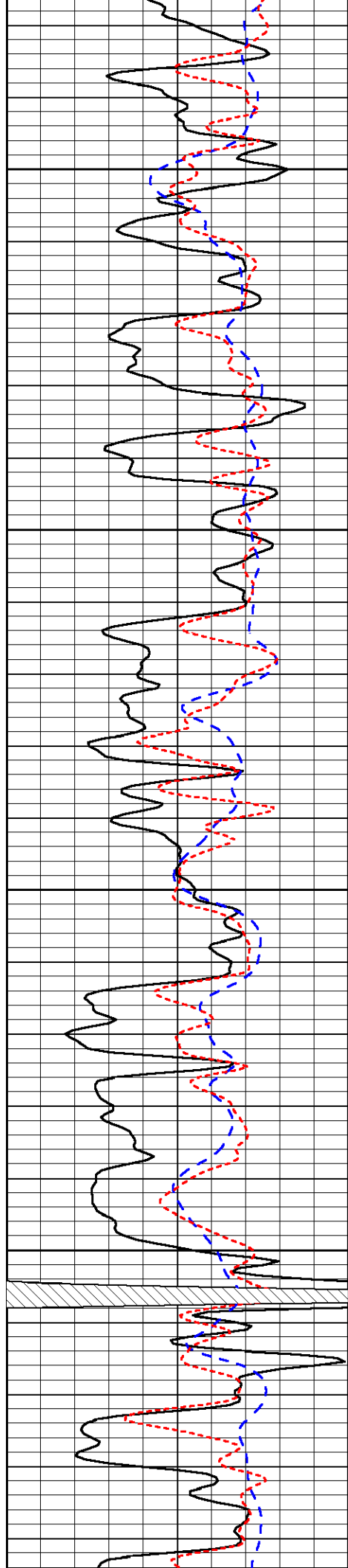


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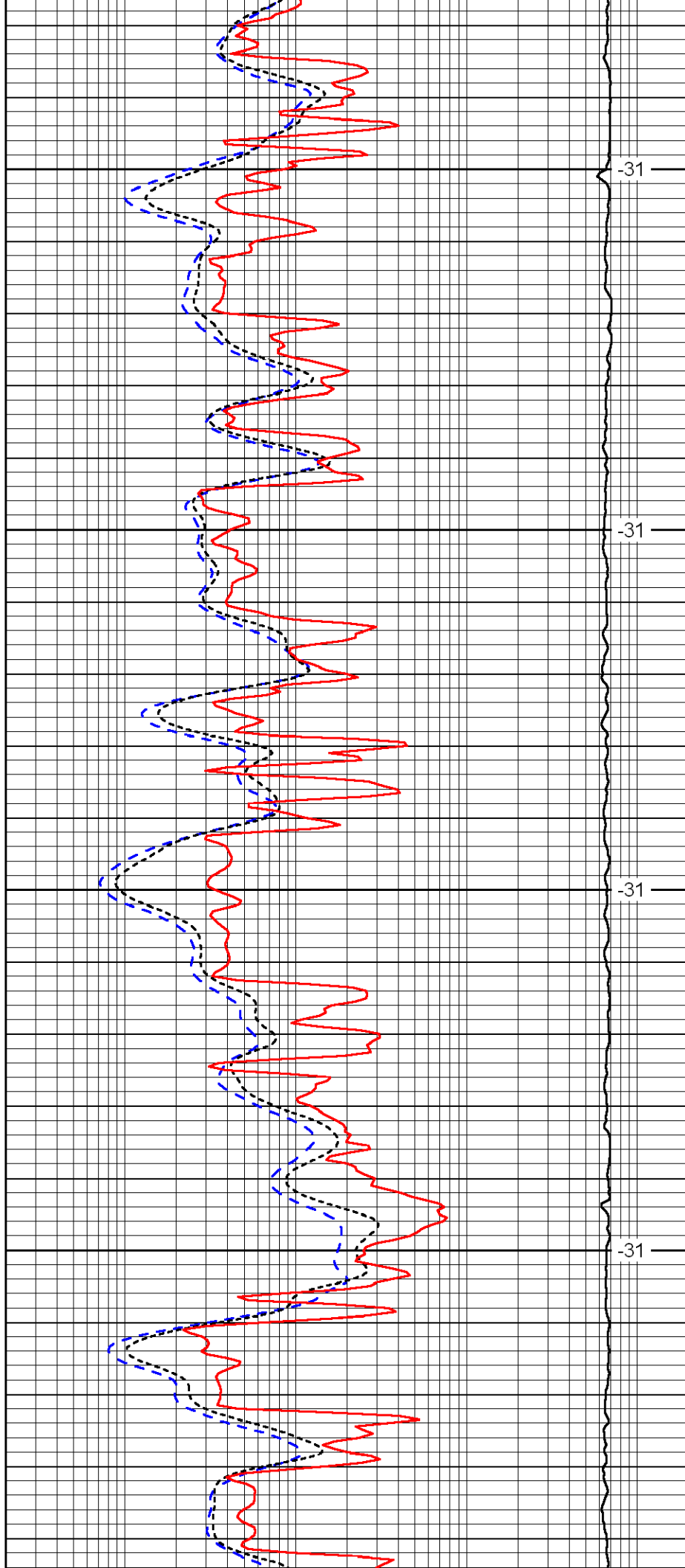


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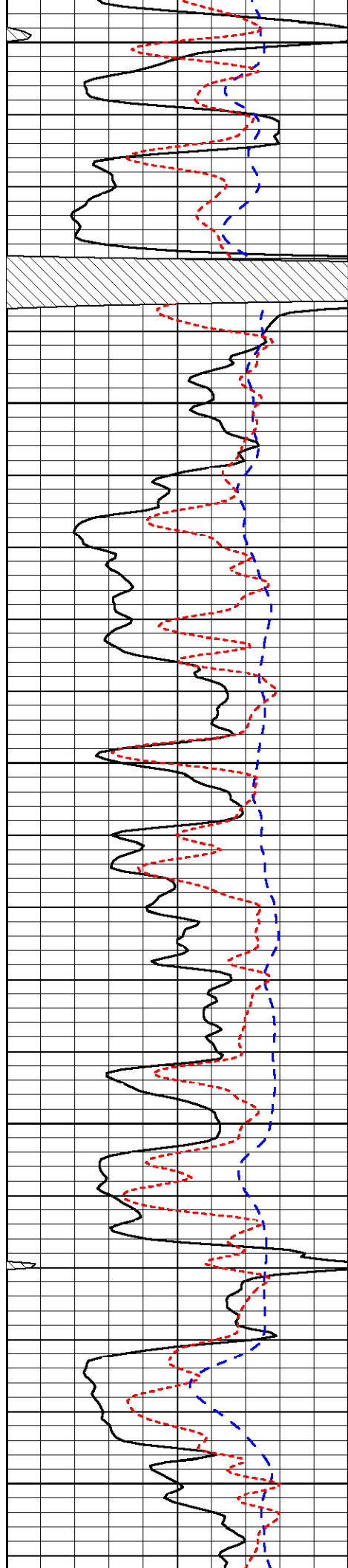


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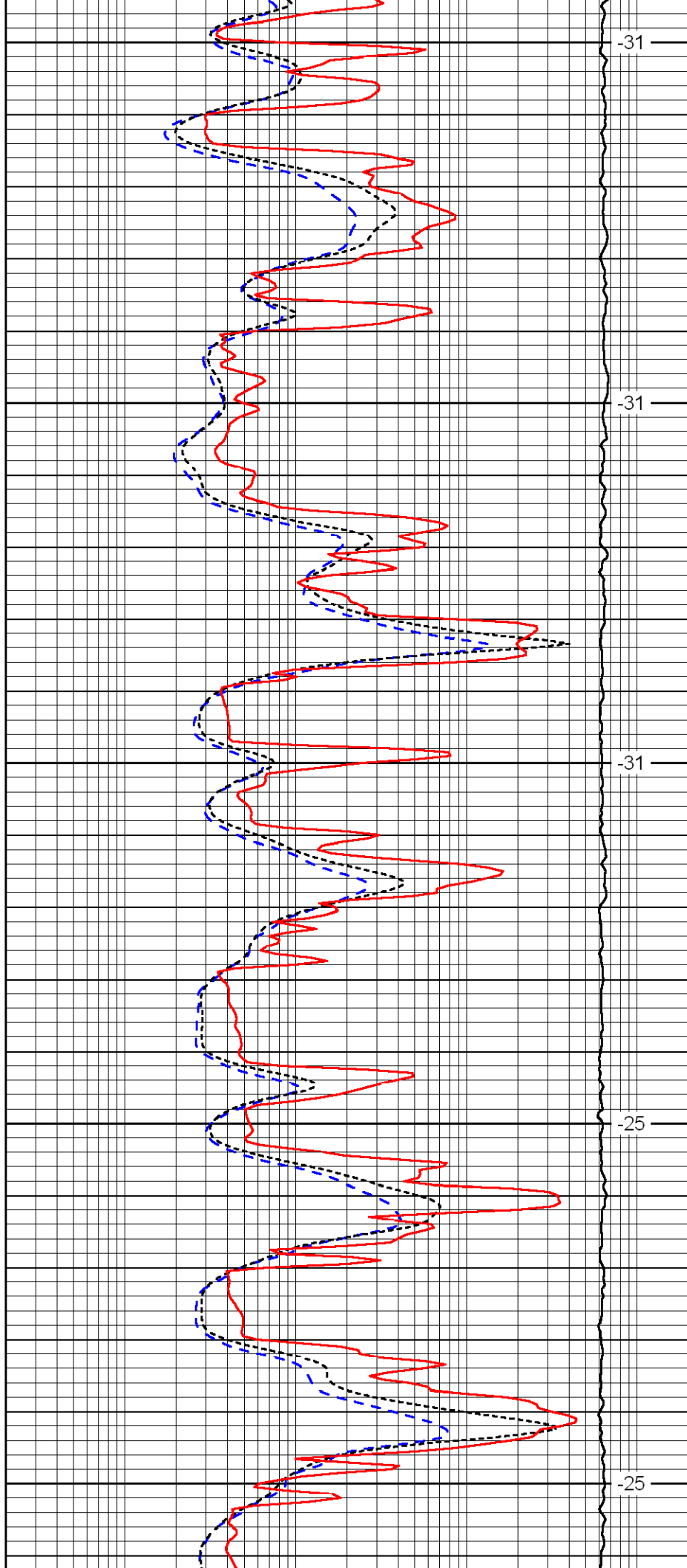
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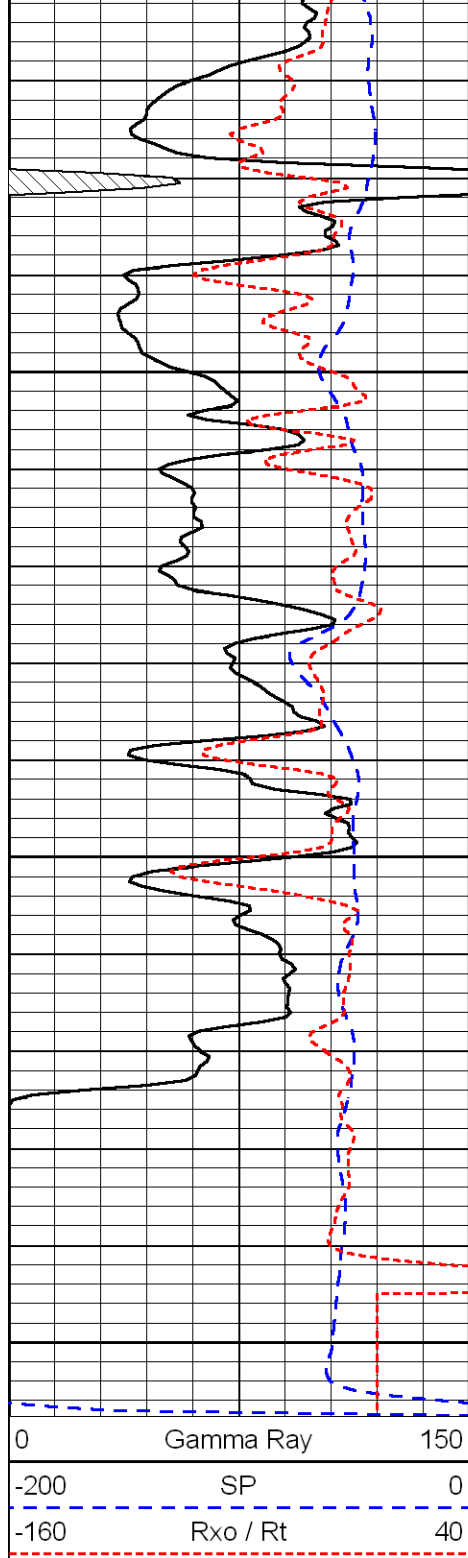
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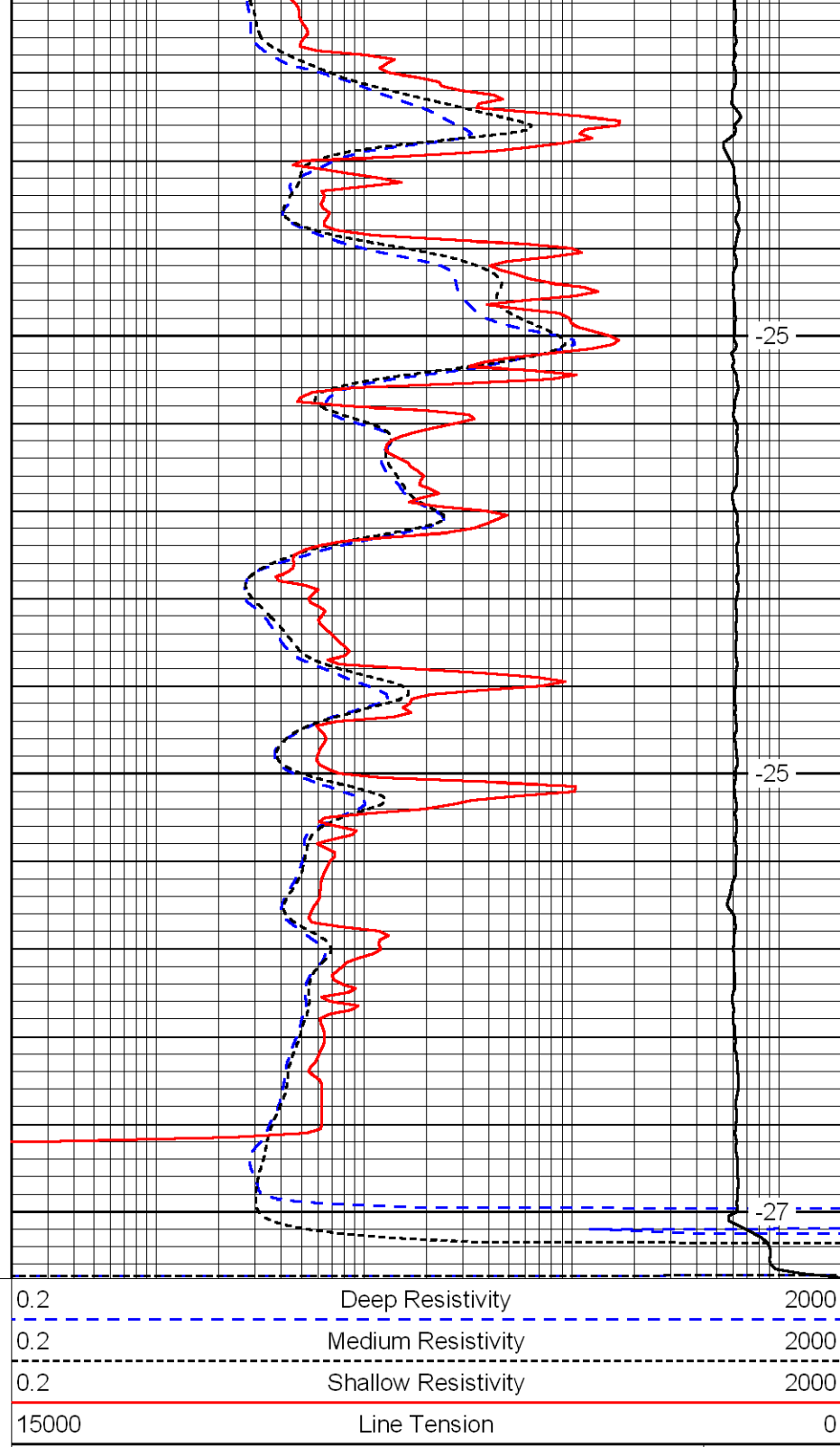
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LSPD