

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

15-051-25917-00-00

Company Murfin Drilling Company, Inc.

Well Kraus No. 1-10

Field Wildcat

County Ellis State Kansas

Location 2310' FNL & 800' FWL

Sec: 10 Twp: 14S Rge: 19W

Other Services
CNL/CDL
MEL/BHCS

Elevation

Permanent Datum Ground Level Elevation 2210
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2215
D.F.
G.L. 2210

Date 10/19/2009

Run Number One

Depth Driller 3940

Depth Logger 3942

Bottom Logged Interval 3941

Top Log Interval 0

Casing Driller 8.625 @ 220

Casing Logger 218

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5,000

Density / Viscosity 9.1 50

pH / Fluid Loss 10.5 8.0

Source of Sample Flowline

Rm @ Meas. Temp .52 @ 68

Rmf @ Meas. Temp .39 @ 68

Rmc @ Meas. Temp .70 @ 68

Source of Rmf / Rmc Charts

Rm @ BHT .30 @ 117

Operating Rig Time 5 Hours

Max Rec. Temp. F 117

Equipment Number 10

Location Hays

Recorded By Jason Wellbrock

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

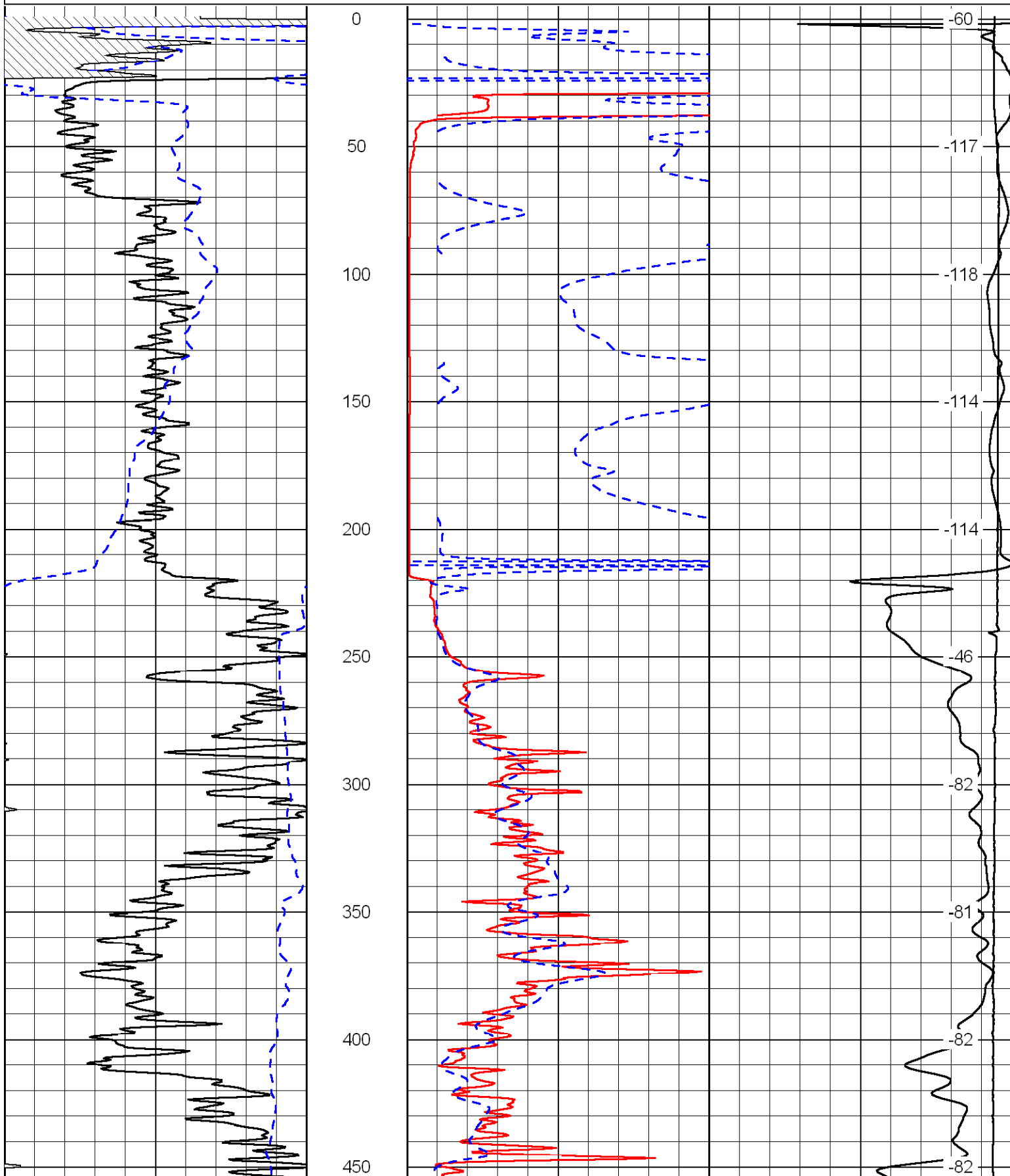
Thank you for using Log-Tech, Inc.
(785) 625-3858

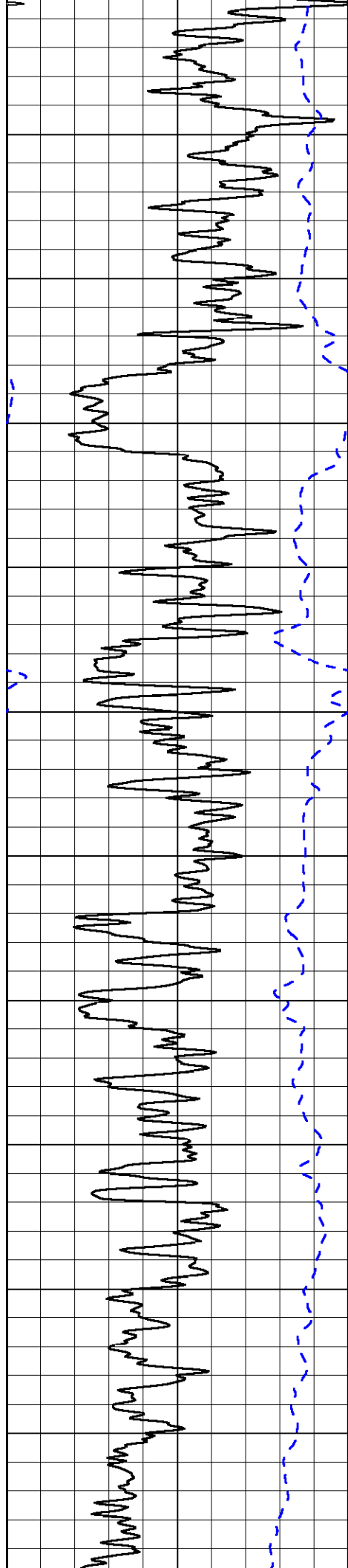
Hays W 4 on Gulf Course rd, 1/2 S, E Into

Database File: c:\warrior\data\murfin_kraus#1-10\murfhd.db
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Presentation Format: dil2in
Dataset Creation: Mon Oct 19 20:43:55 2009
Charted by: Depth in Feet scaled 1:600

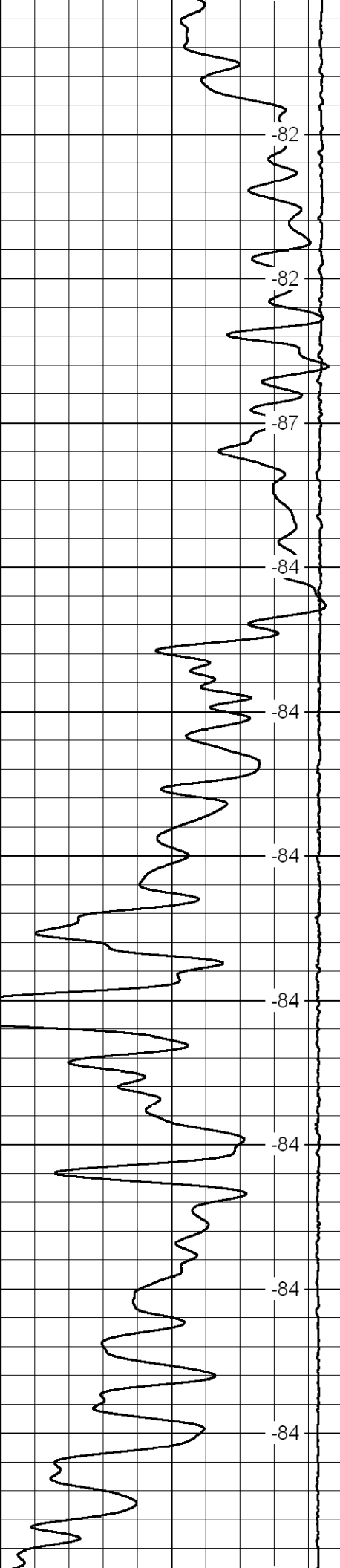
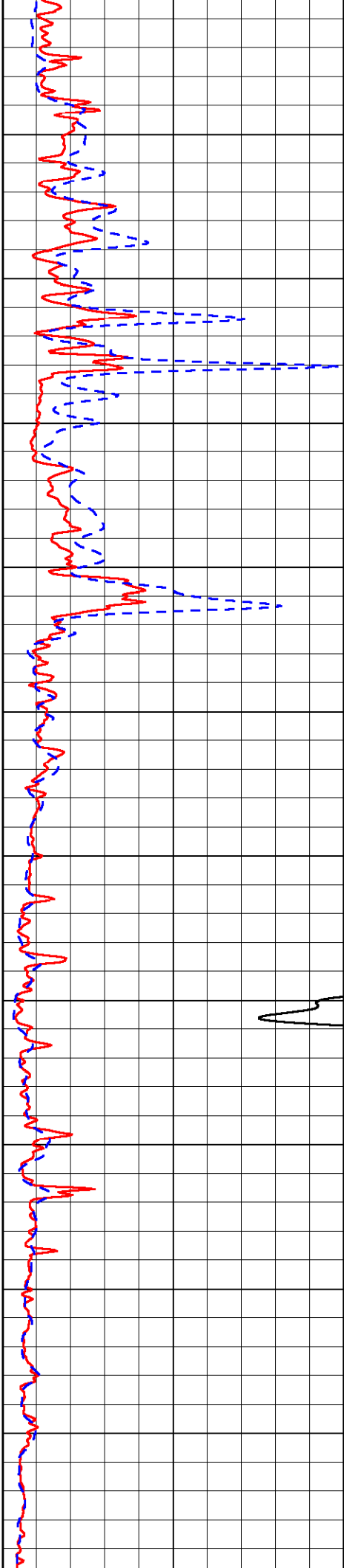
0	Gamma Ray	150
-200	SP (MV)	0

0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

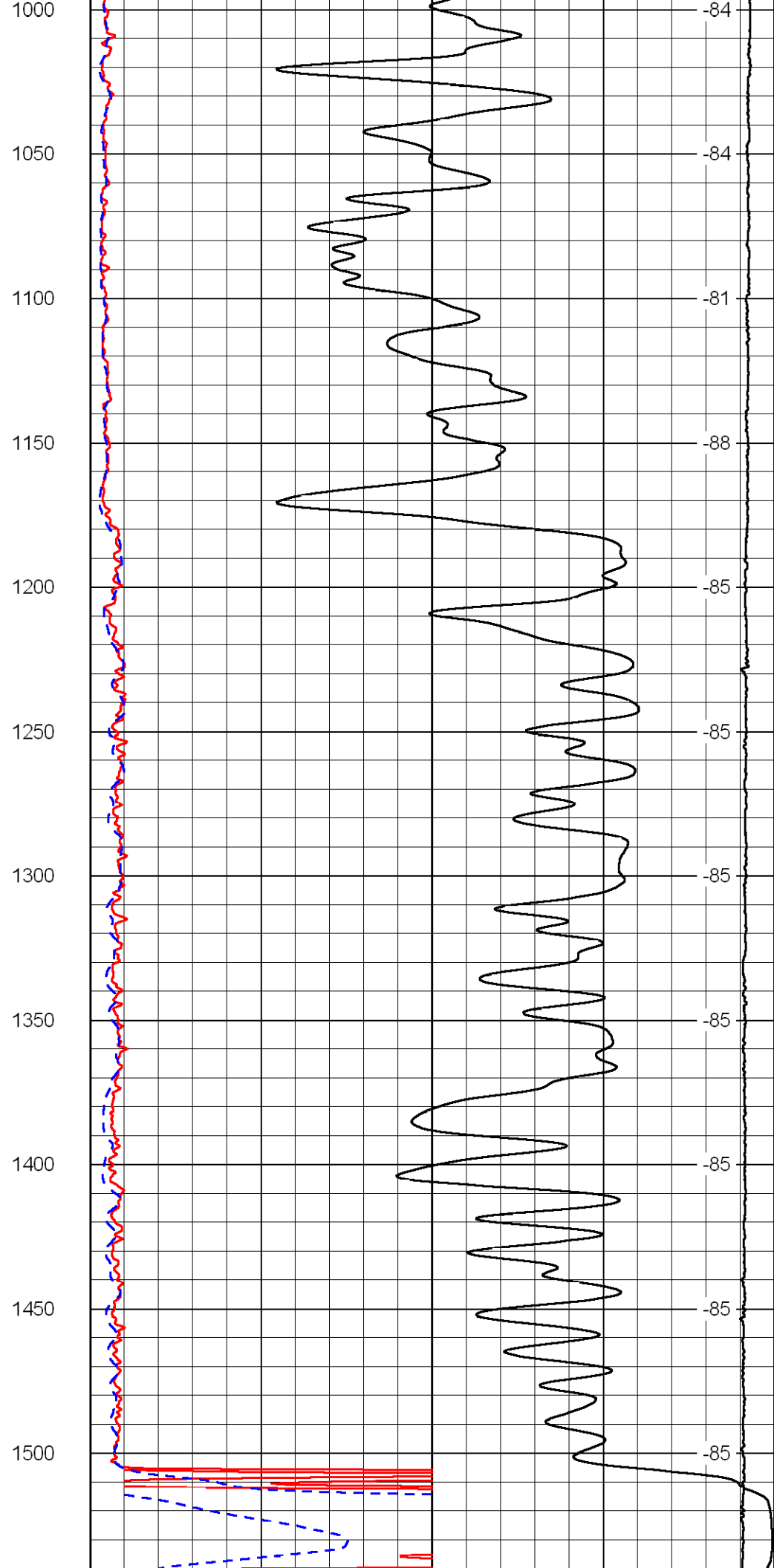
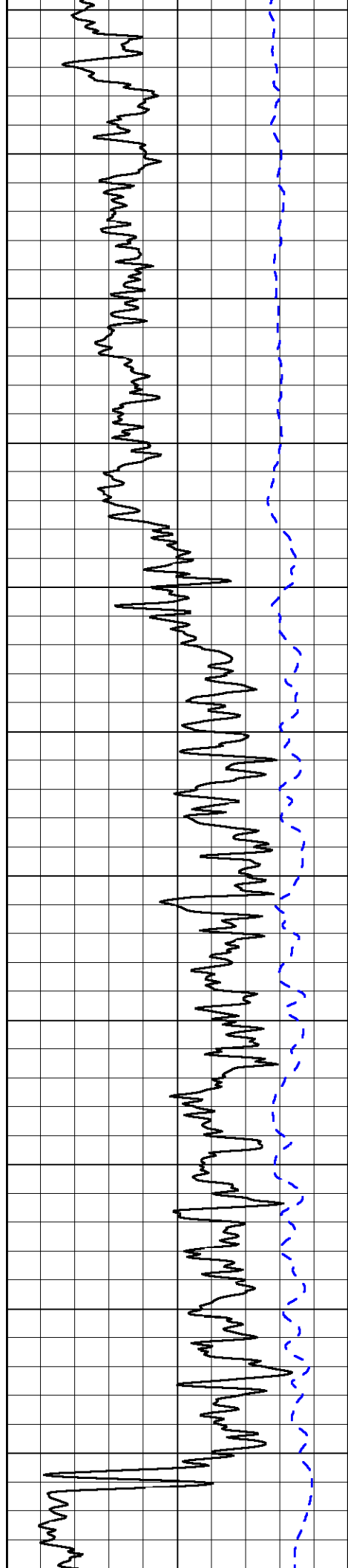


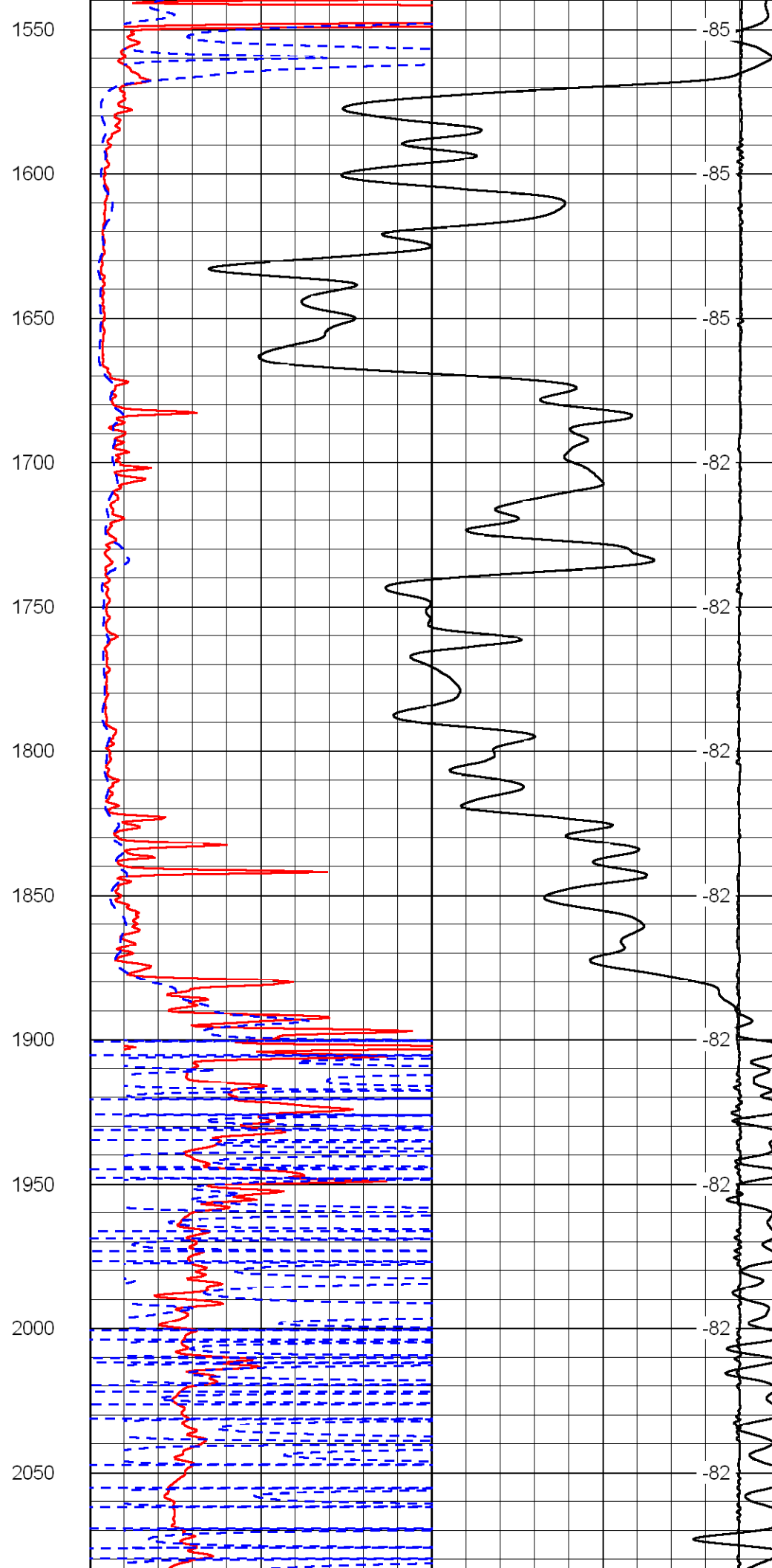
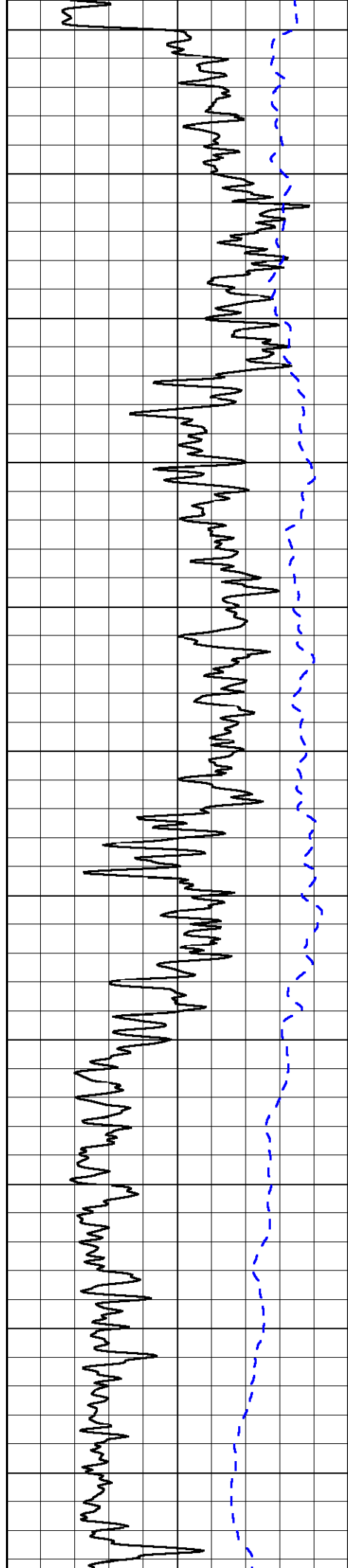


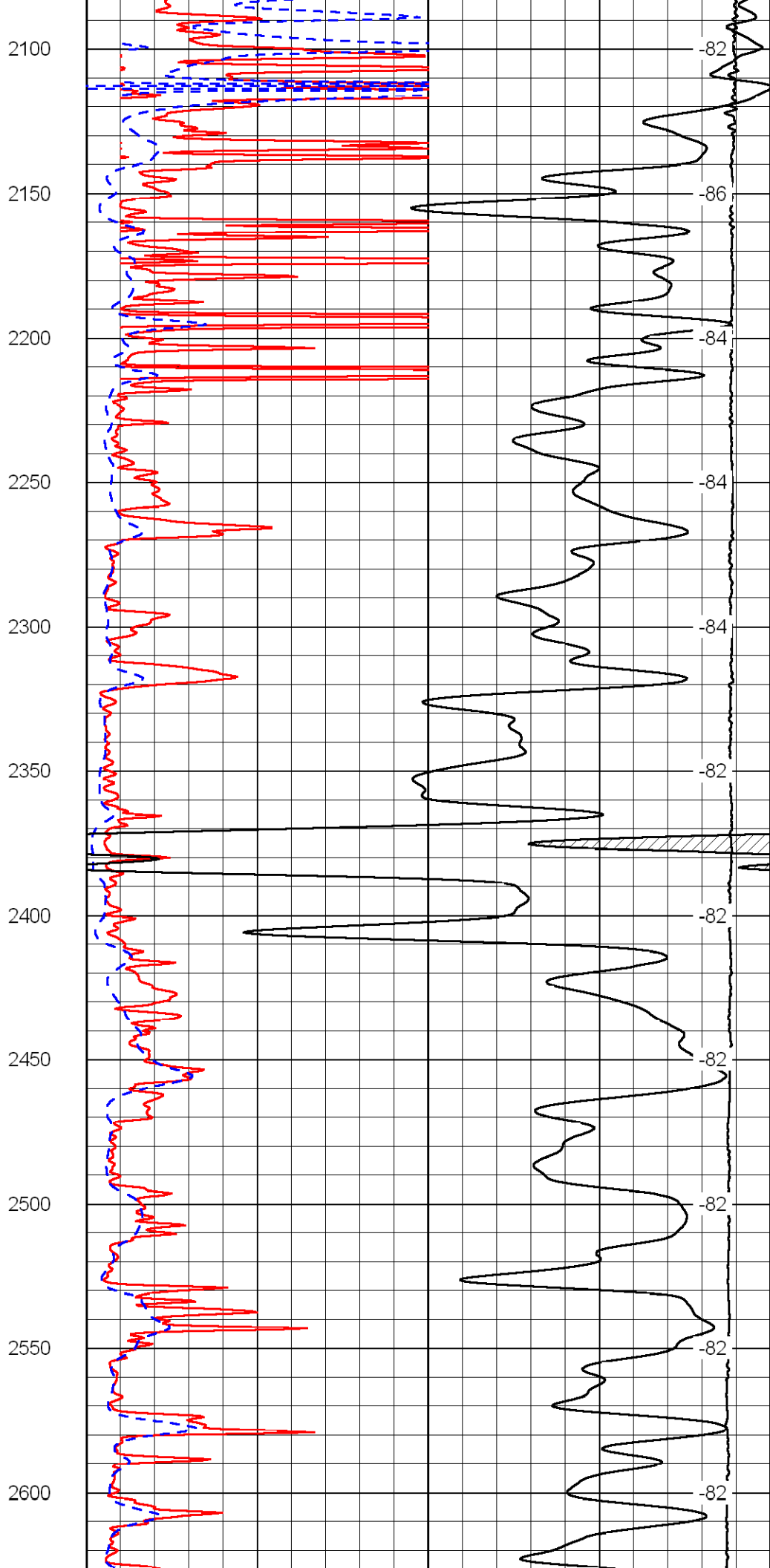
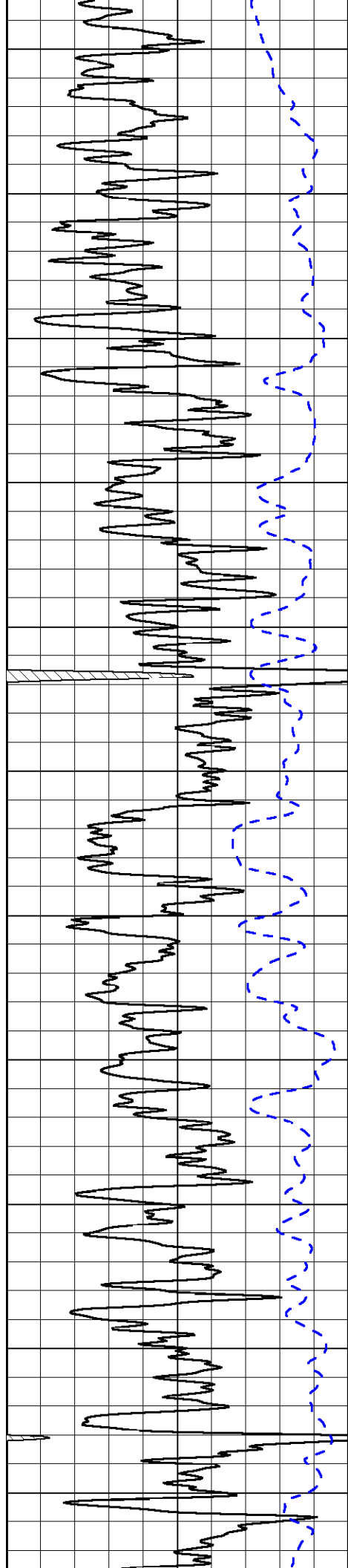
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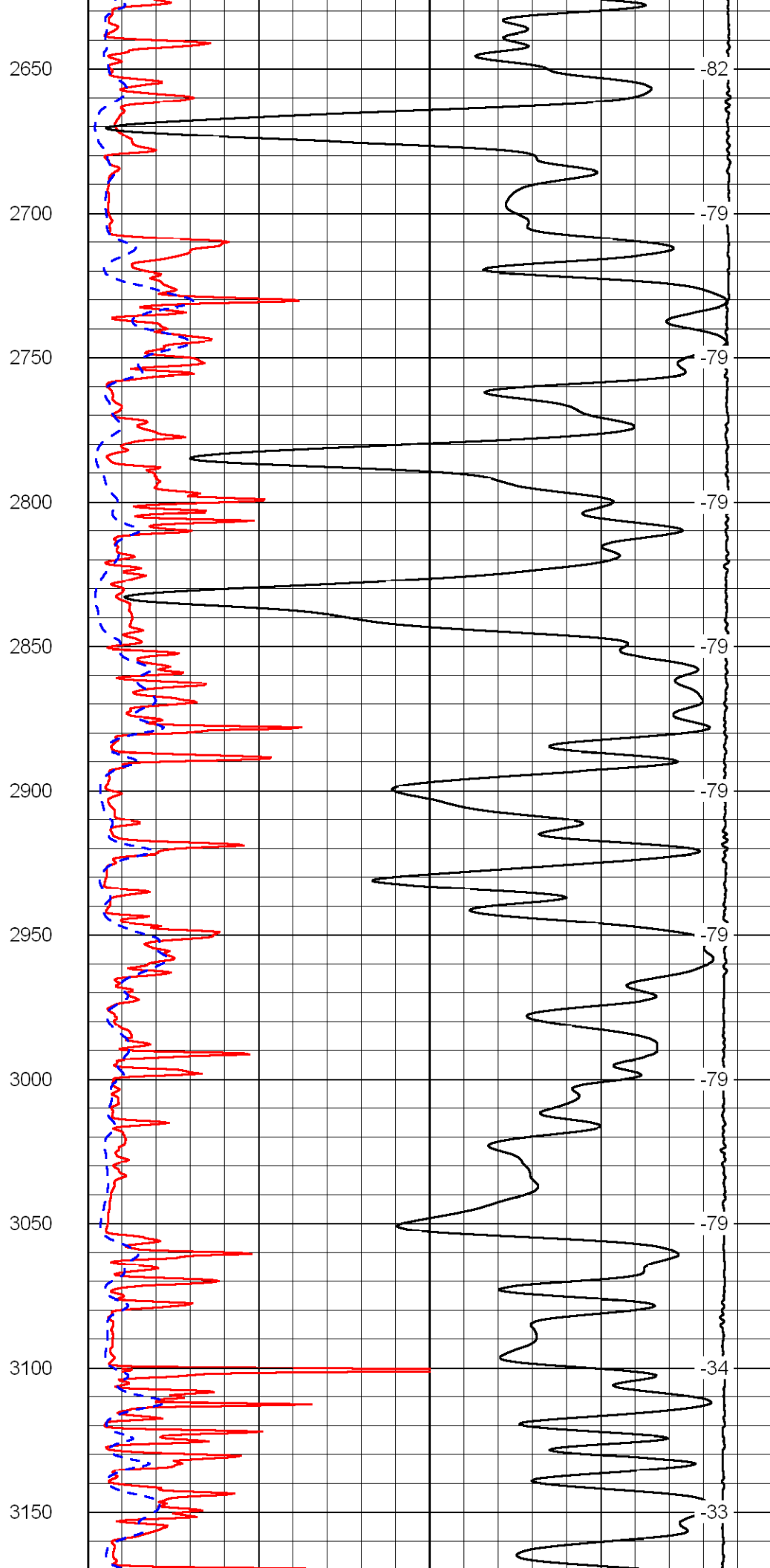
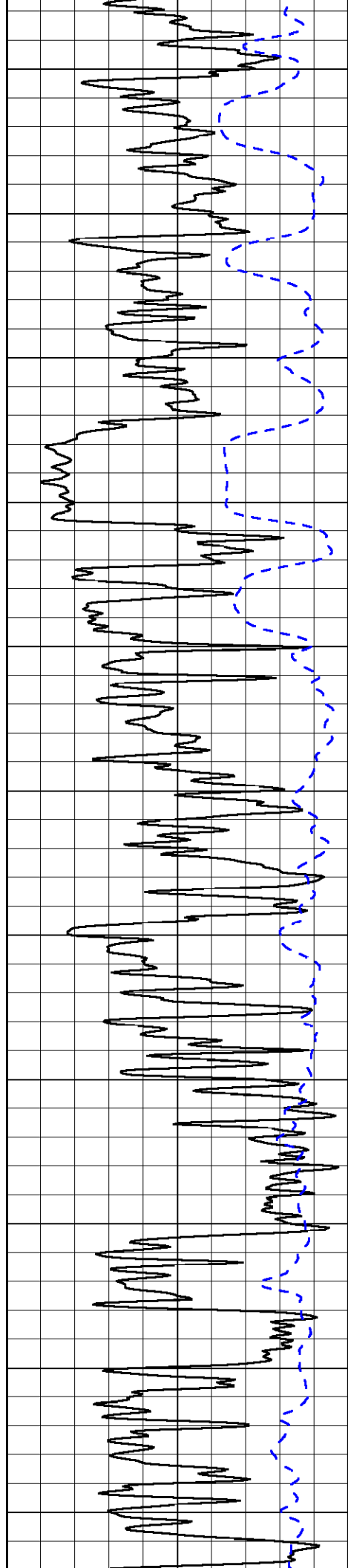


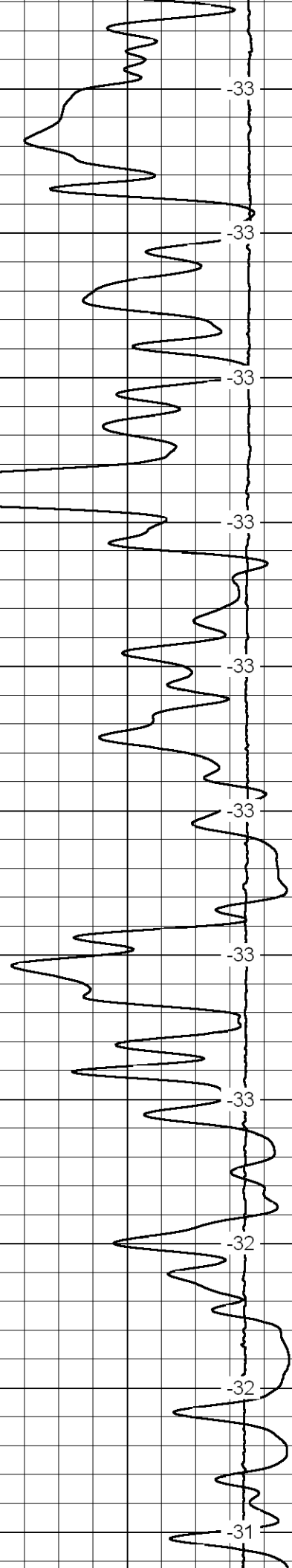
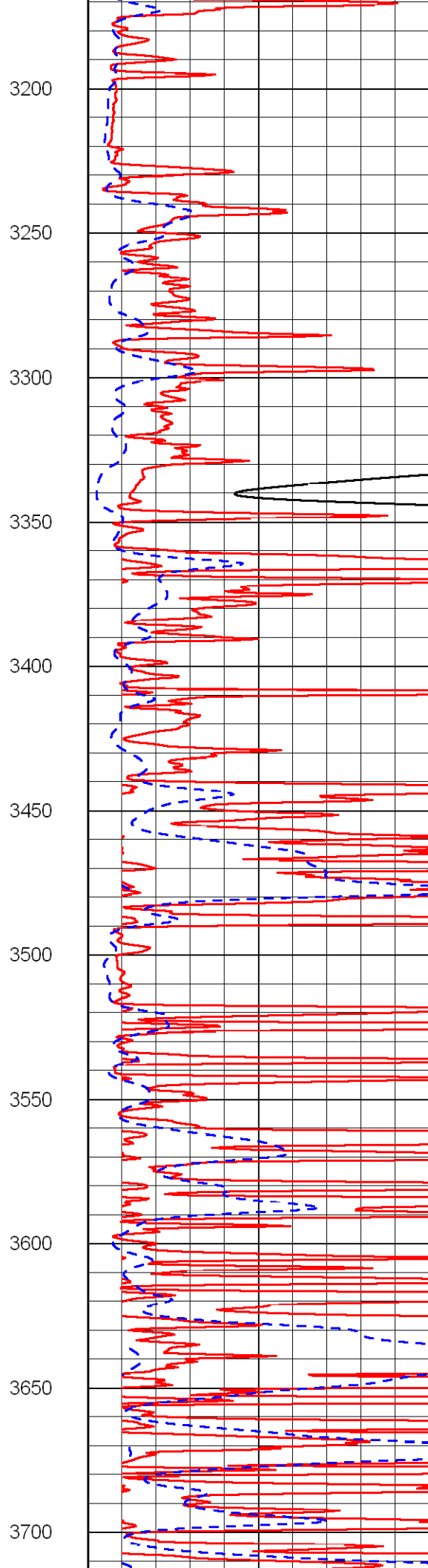
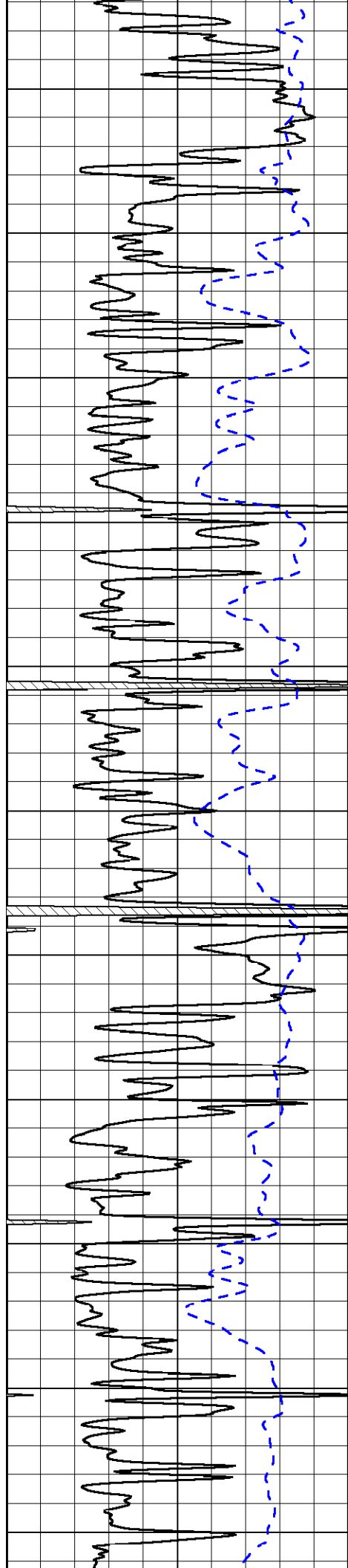
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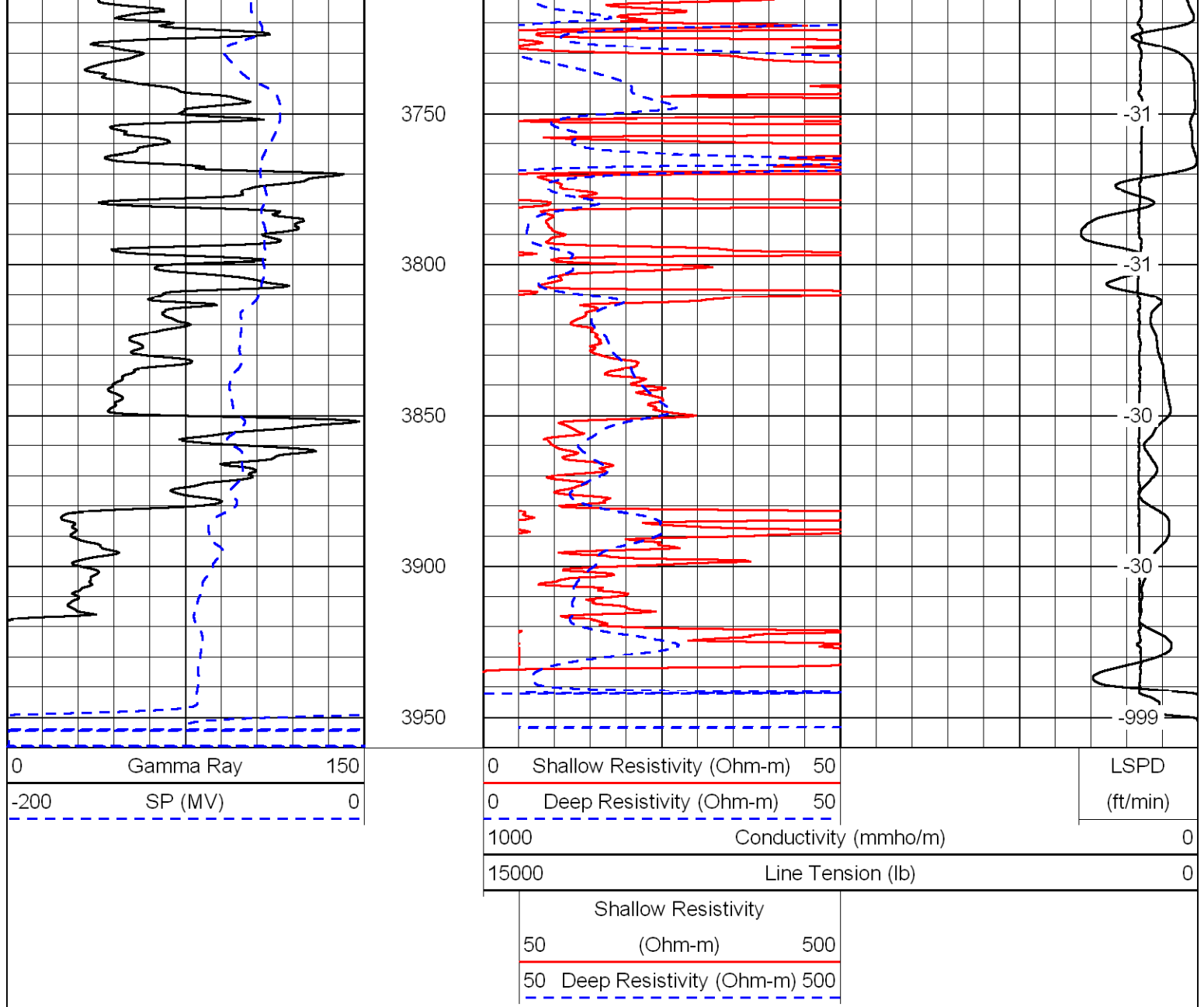




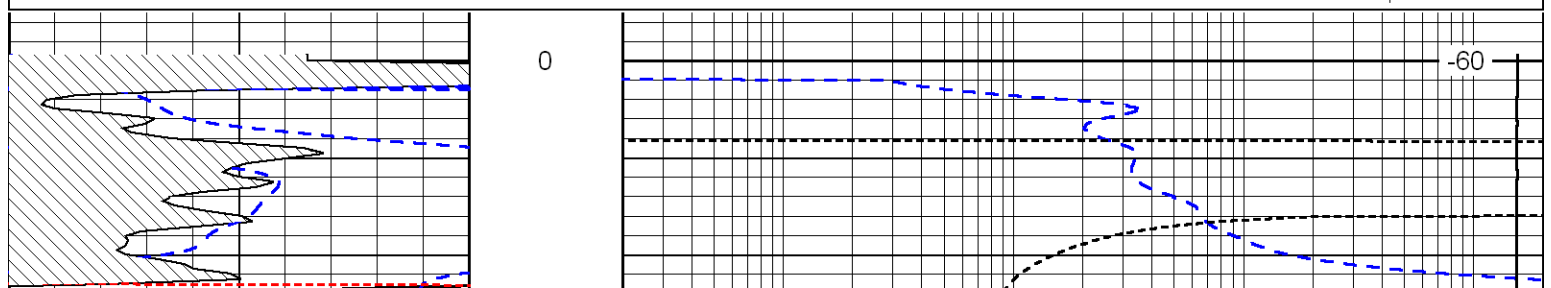
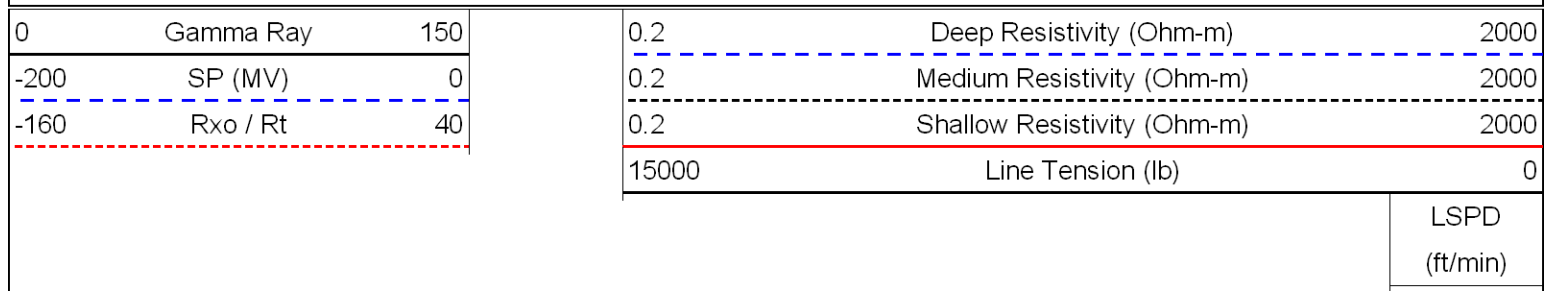


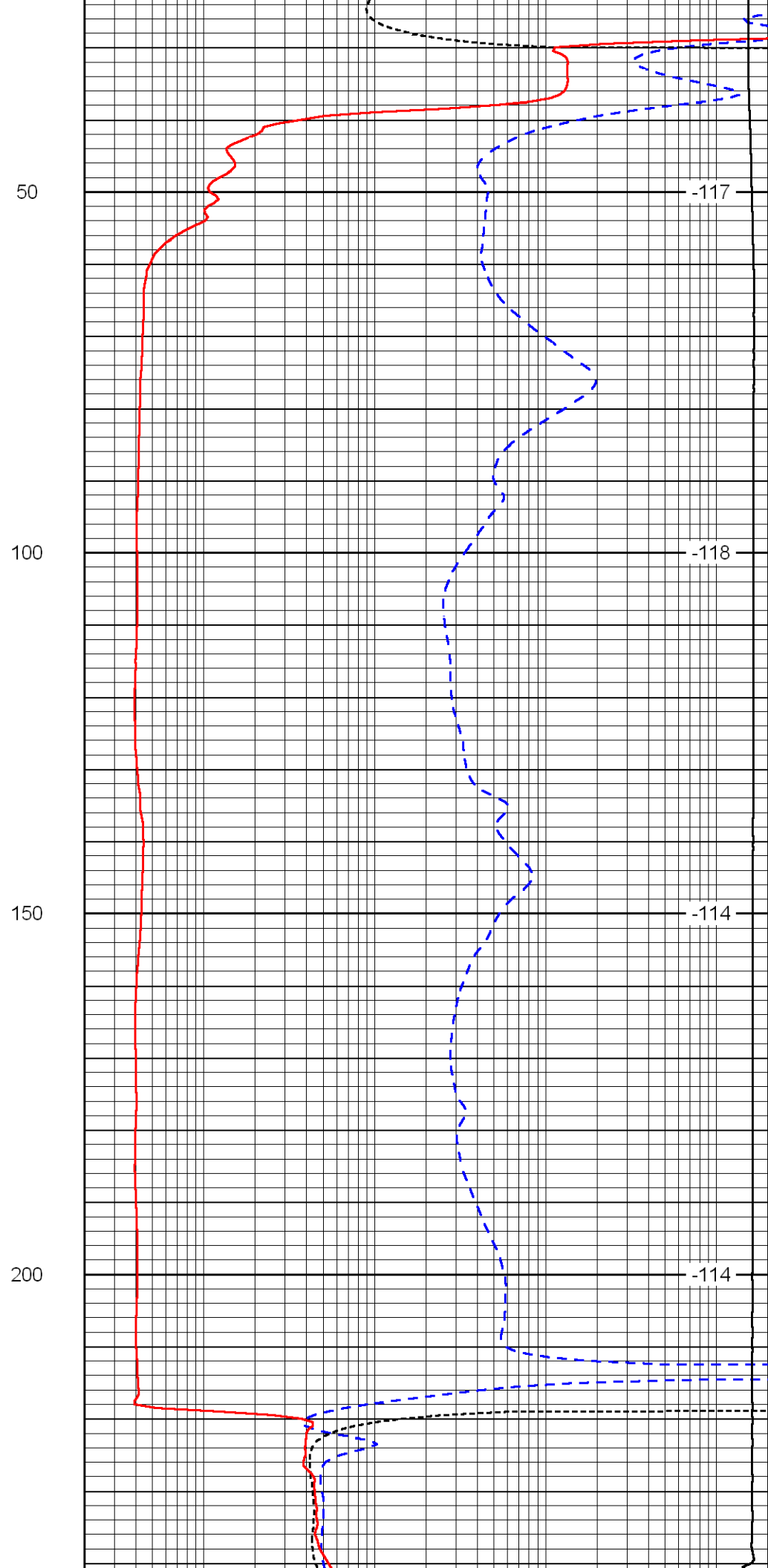
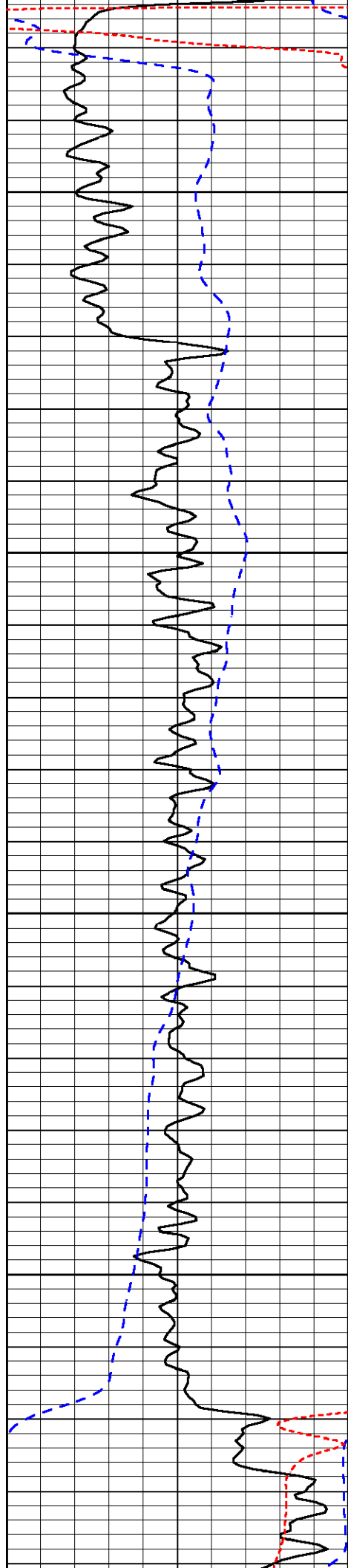


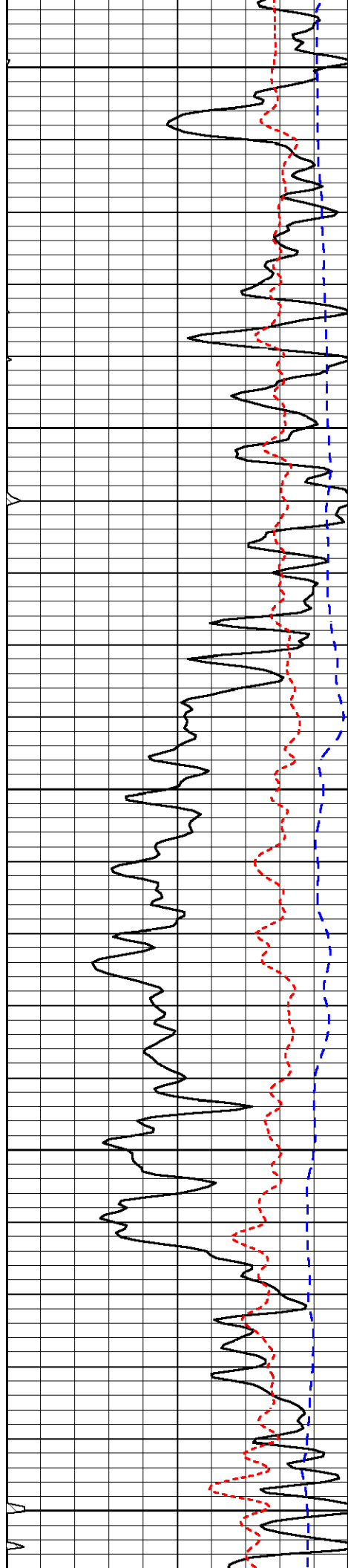




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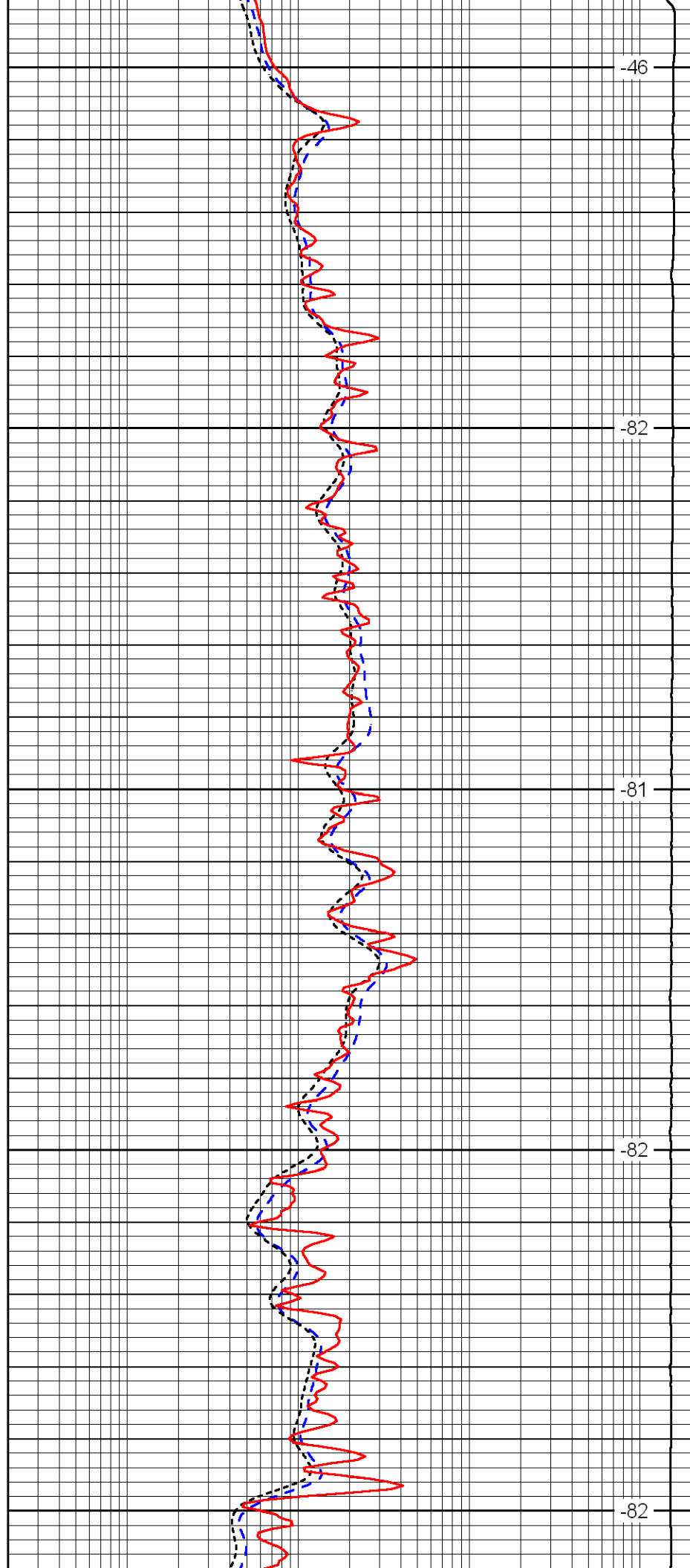
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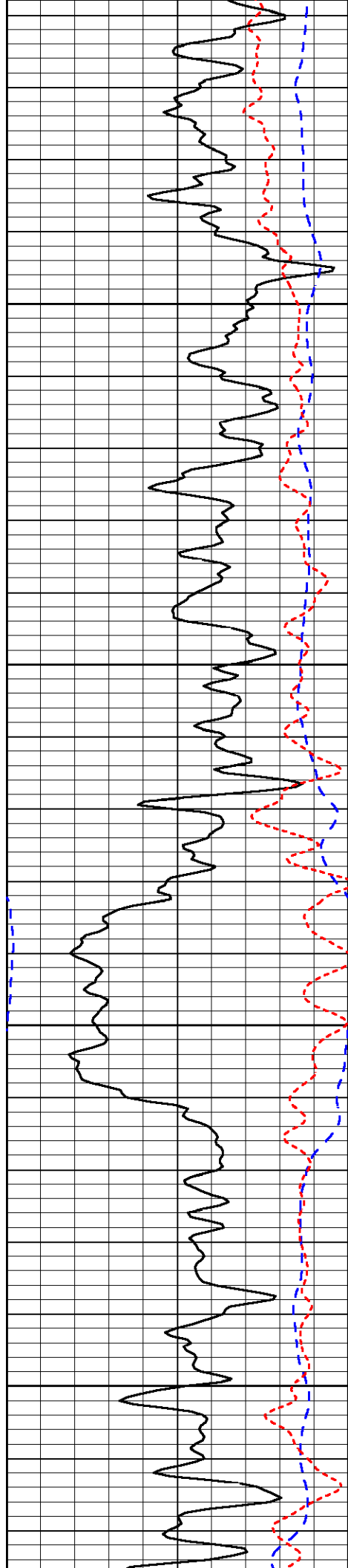
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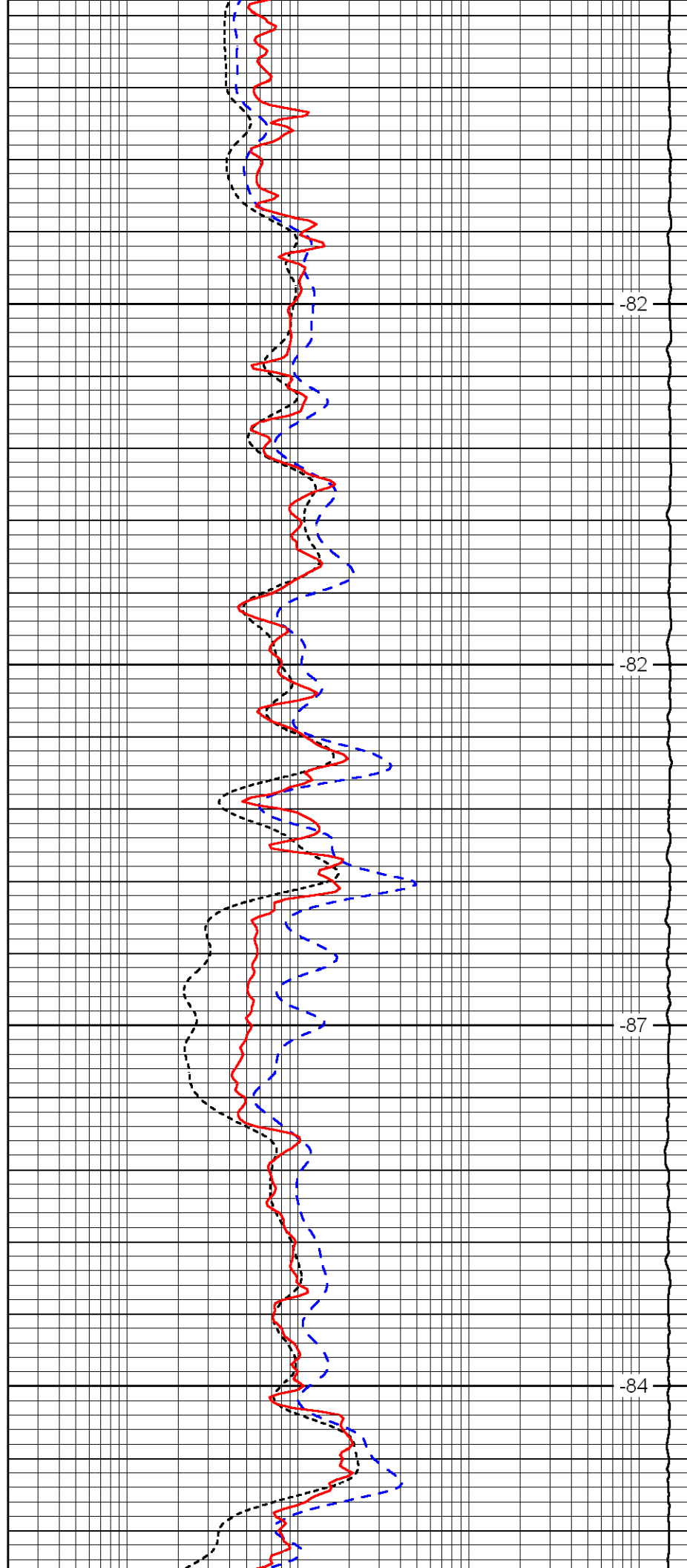


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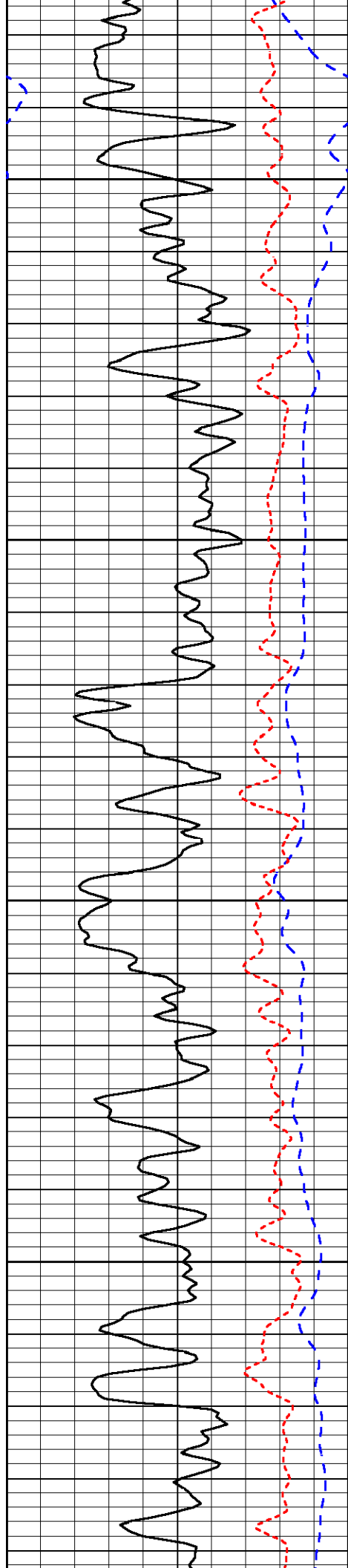


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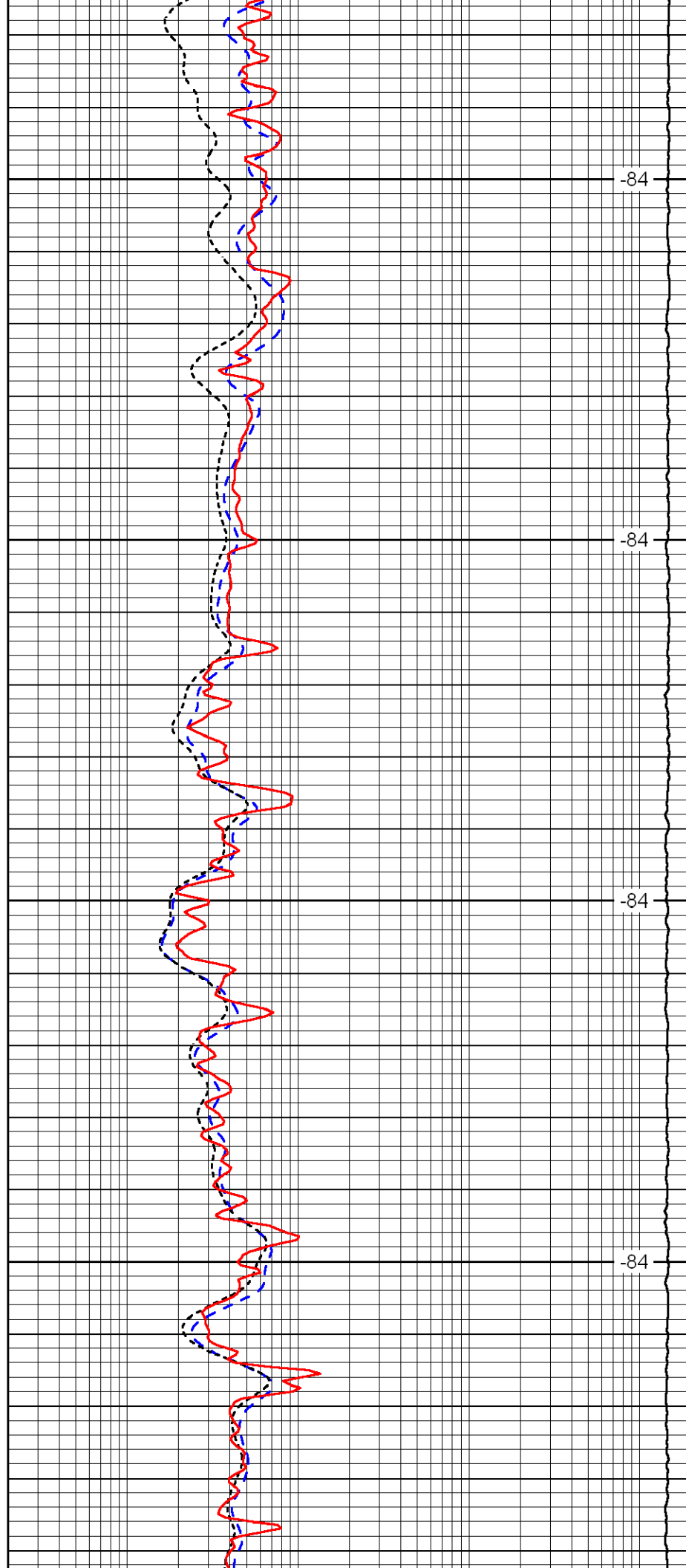


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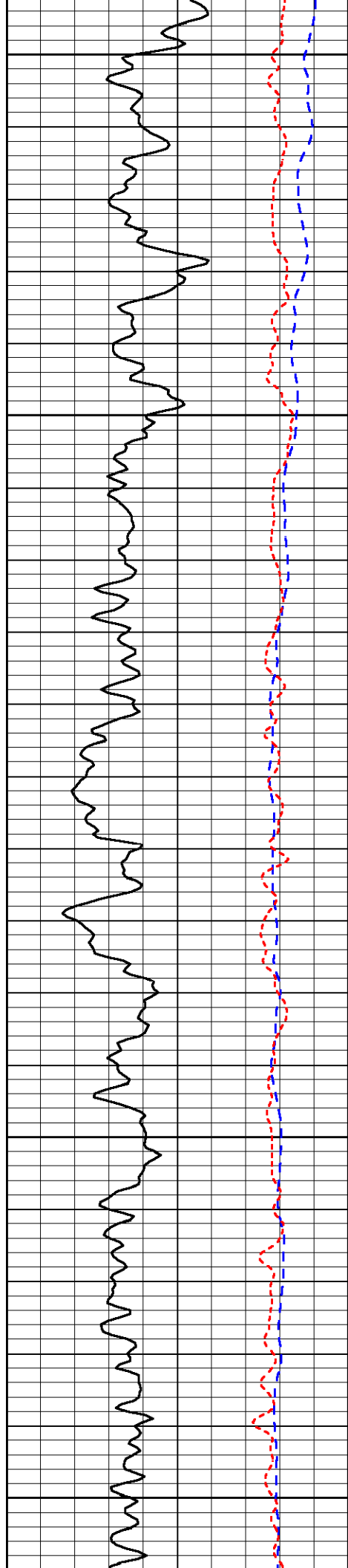


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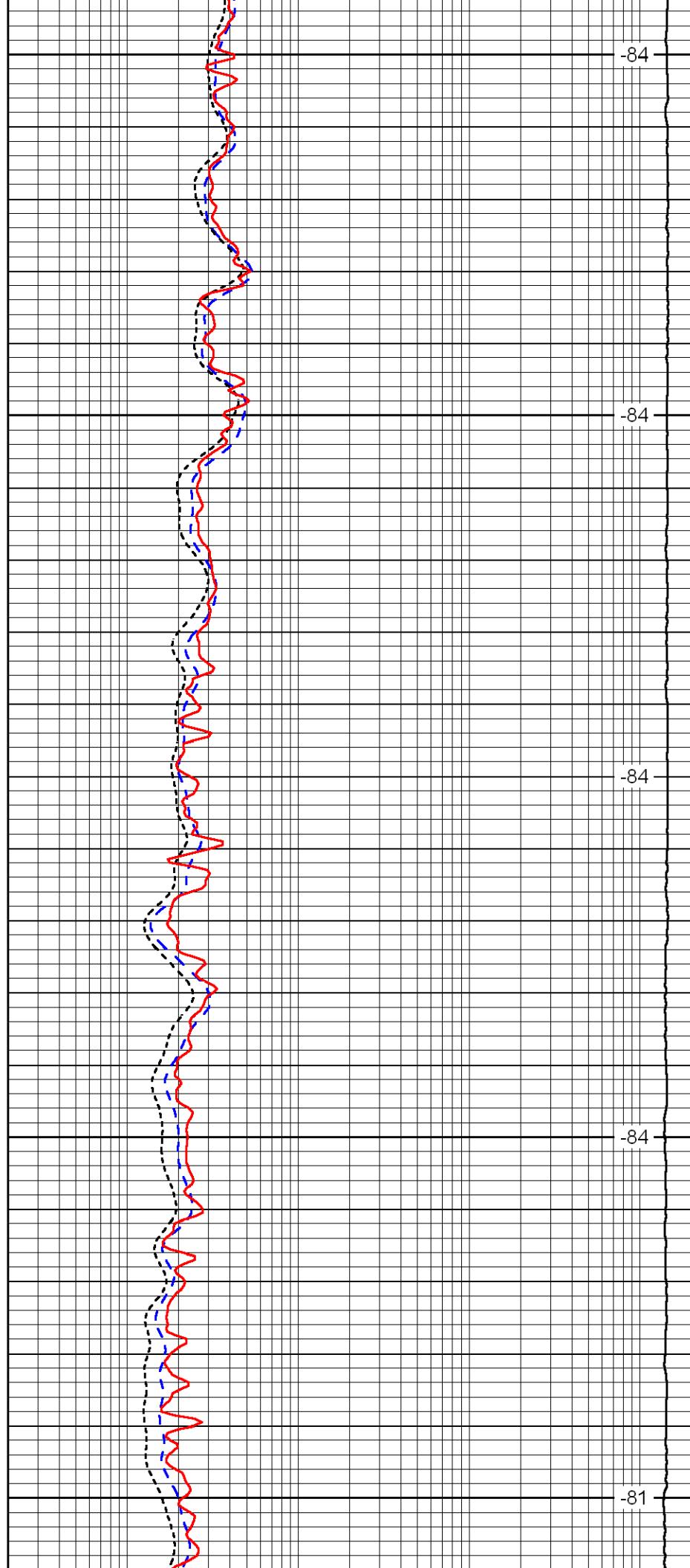
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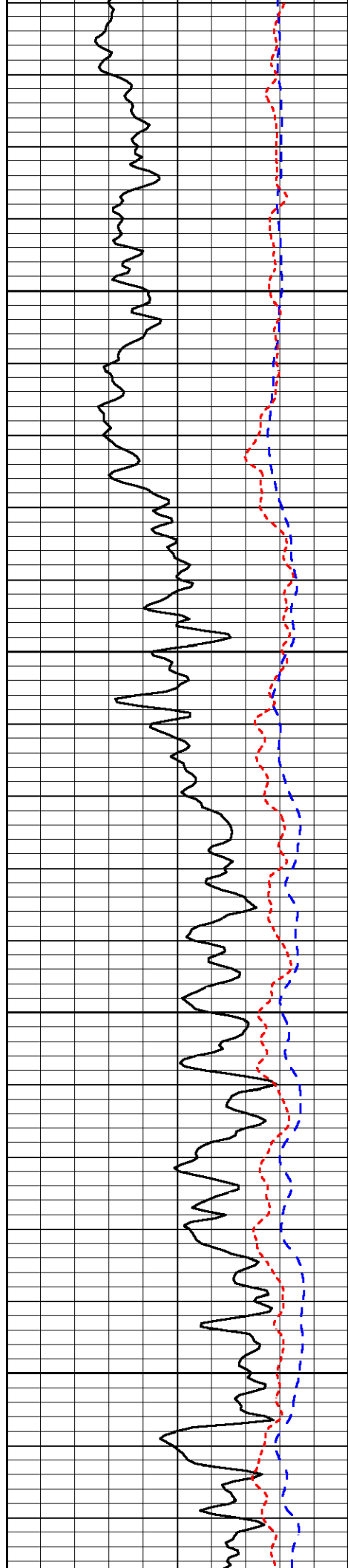
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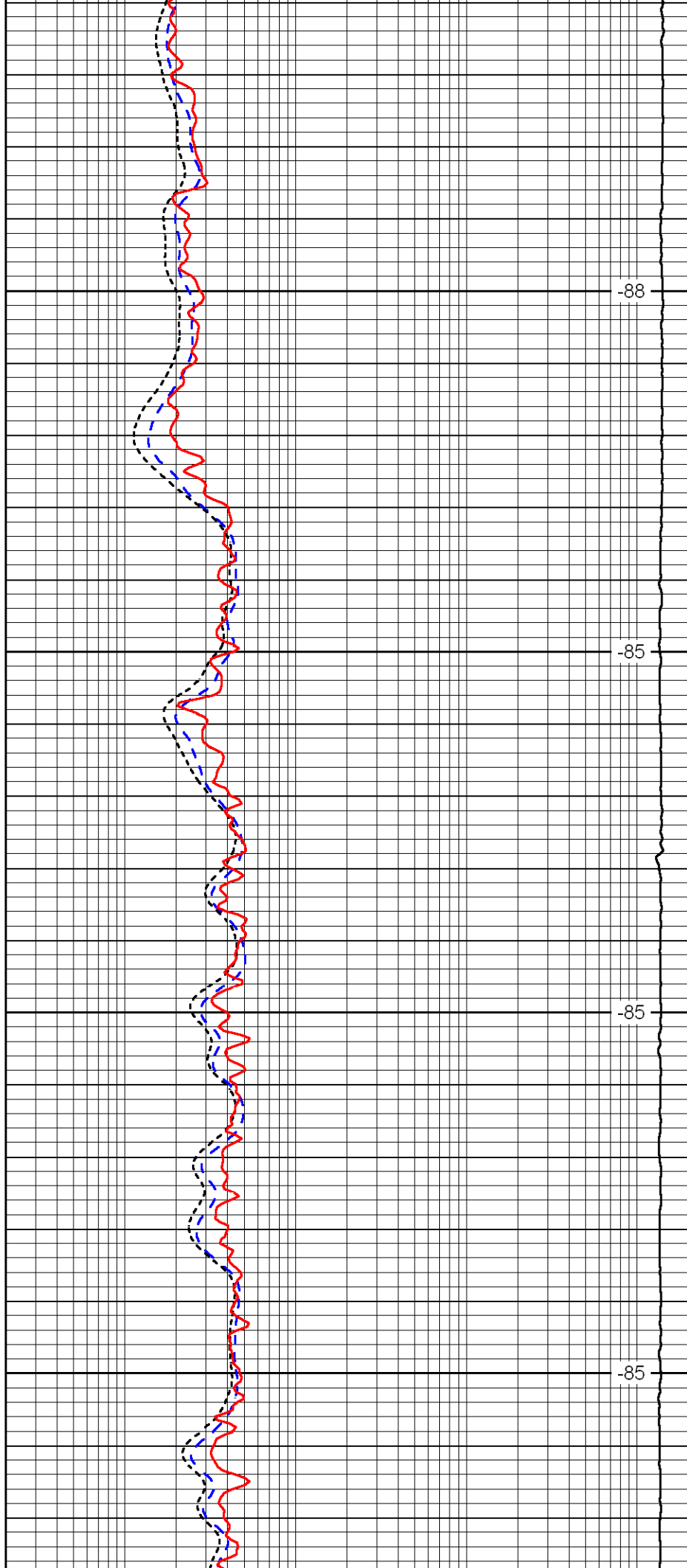


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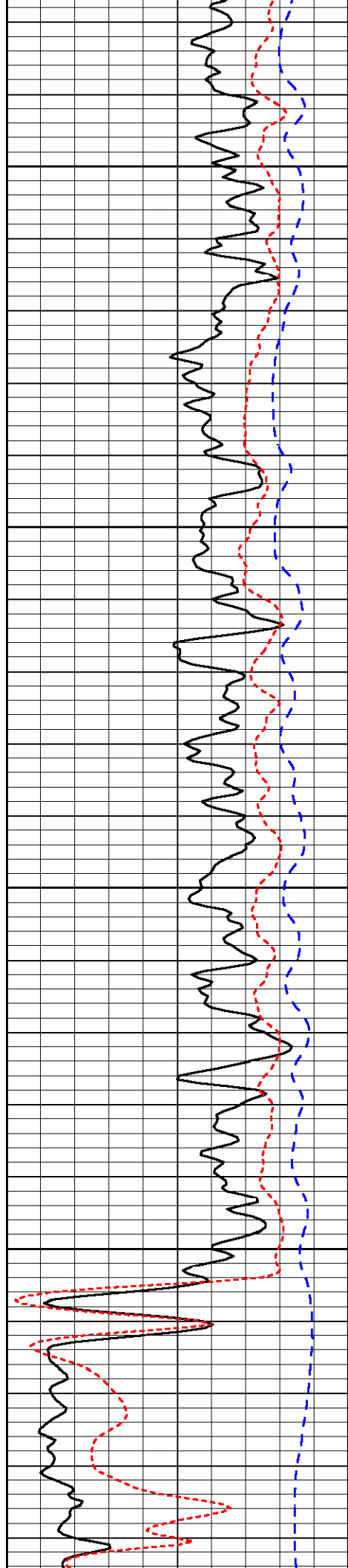


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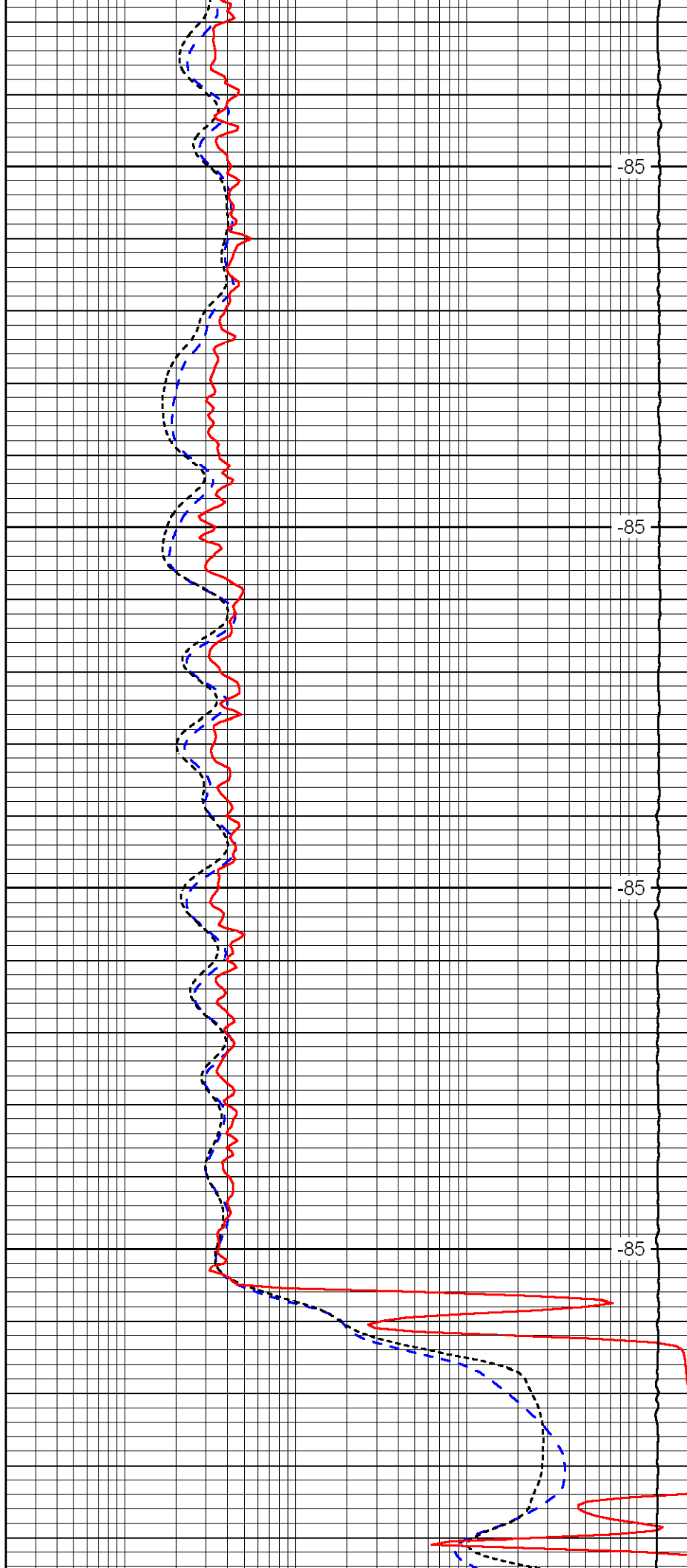


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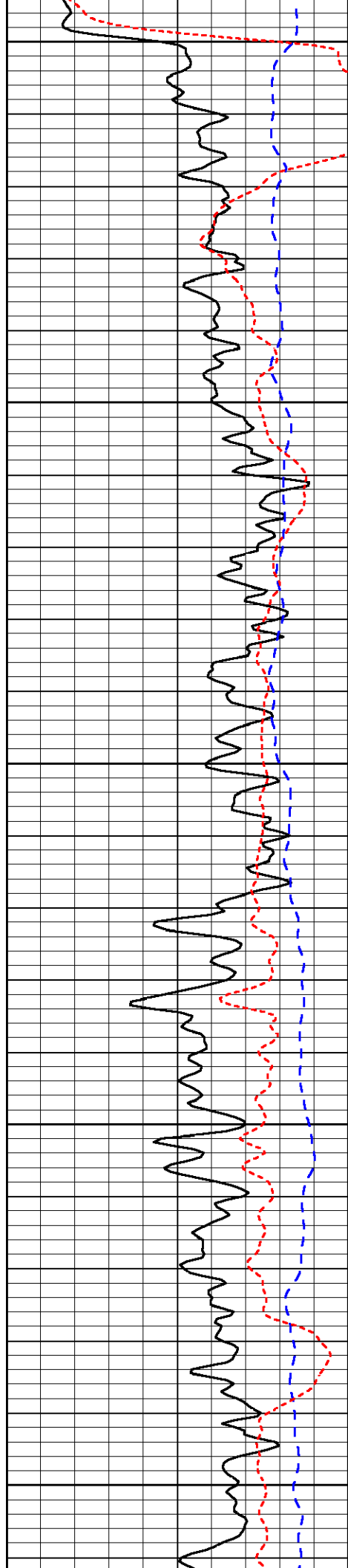


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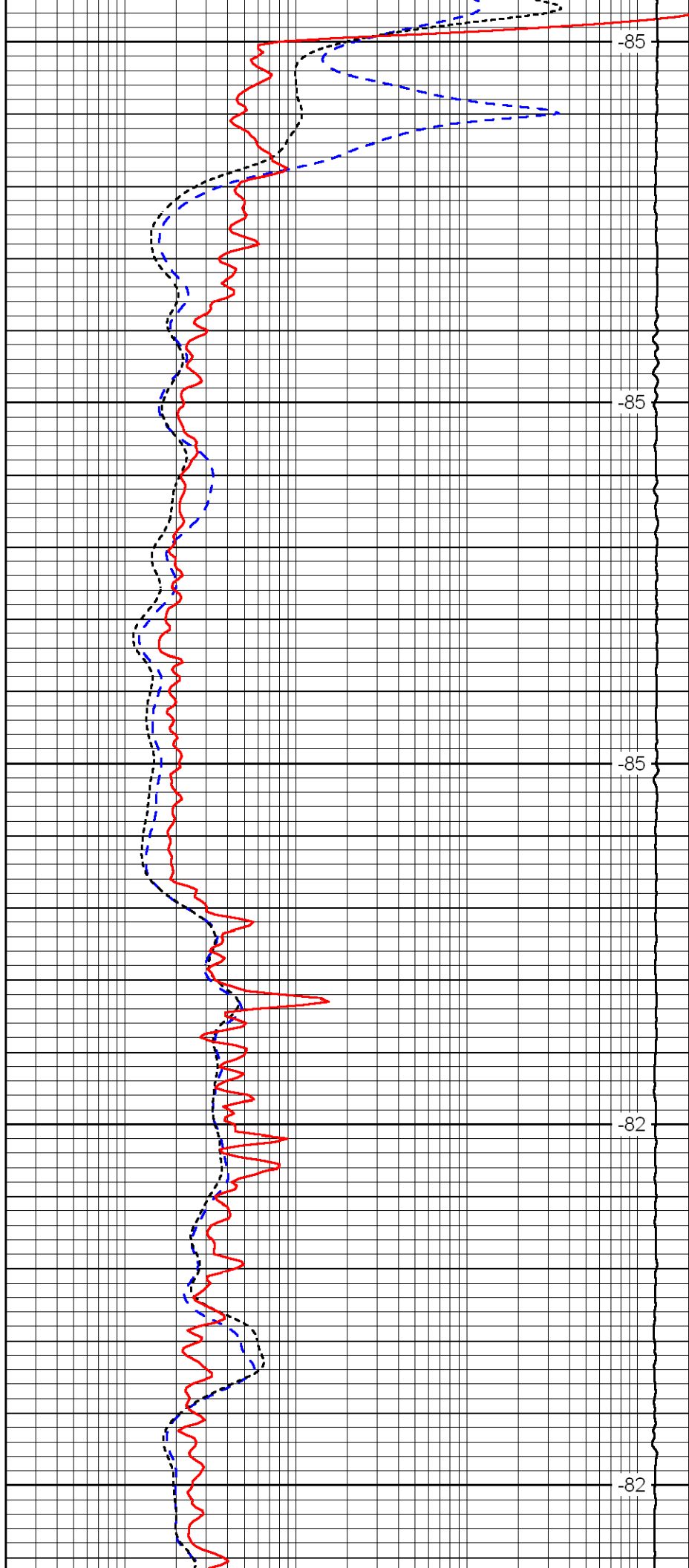
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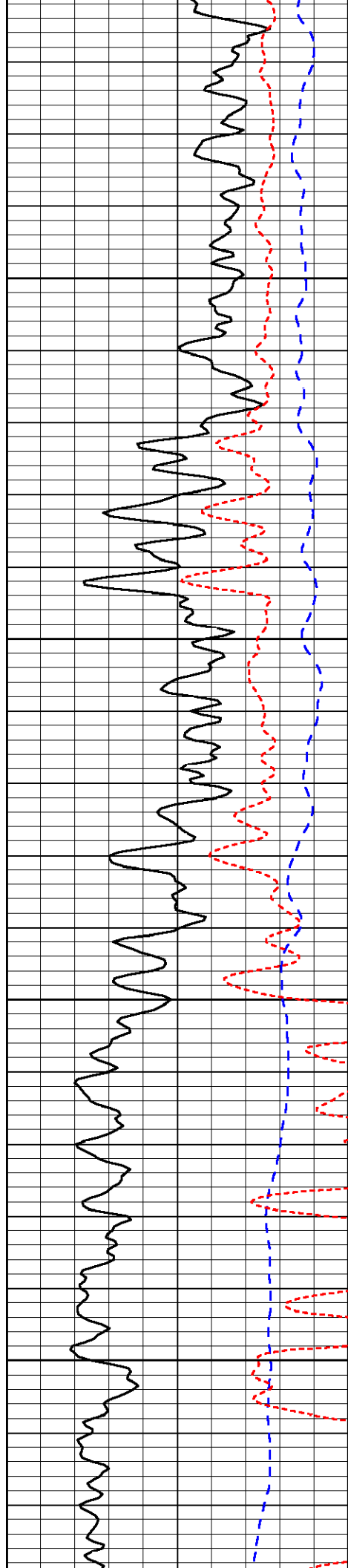
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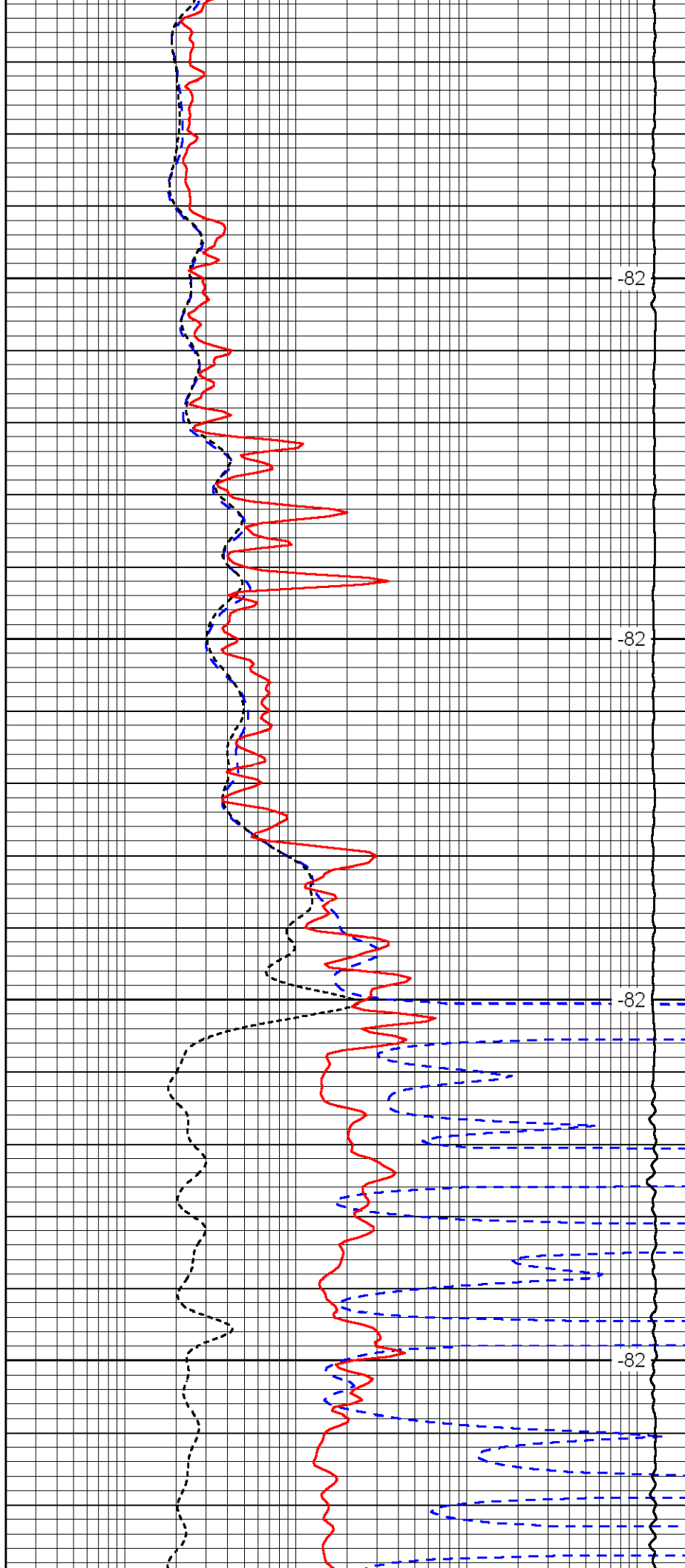


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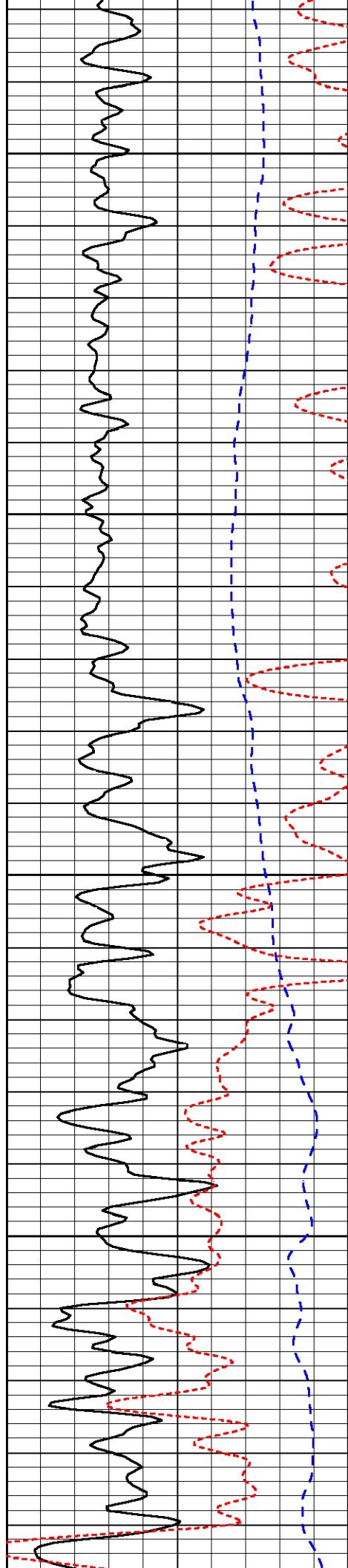


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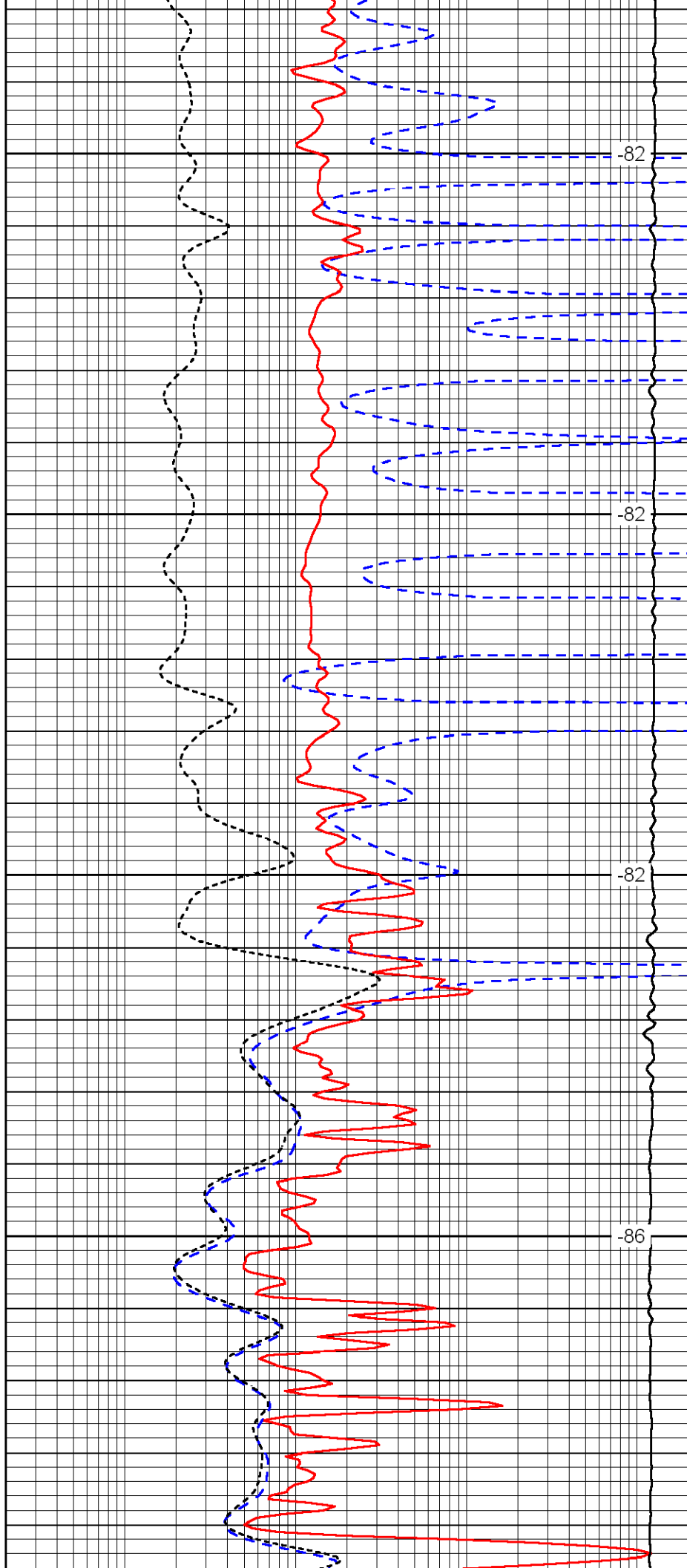


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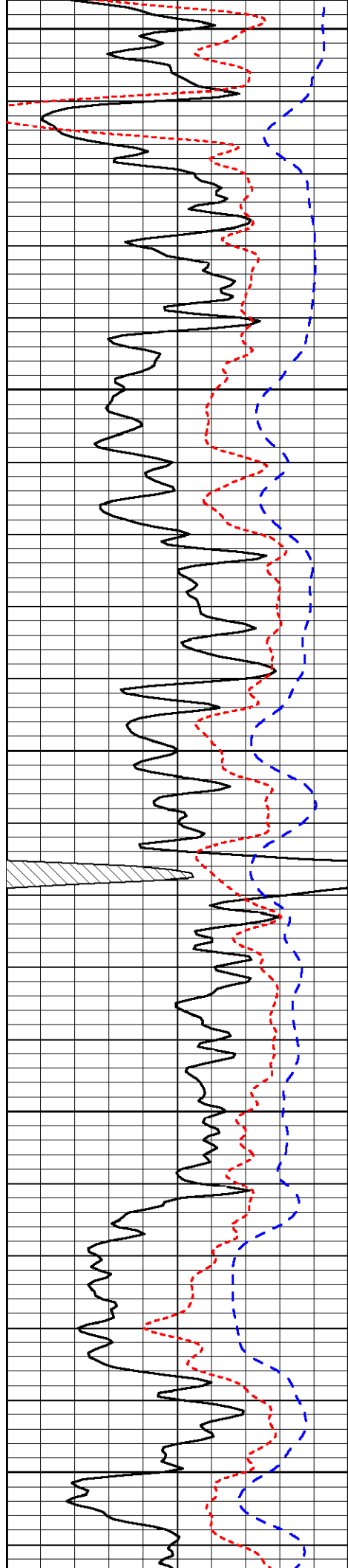


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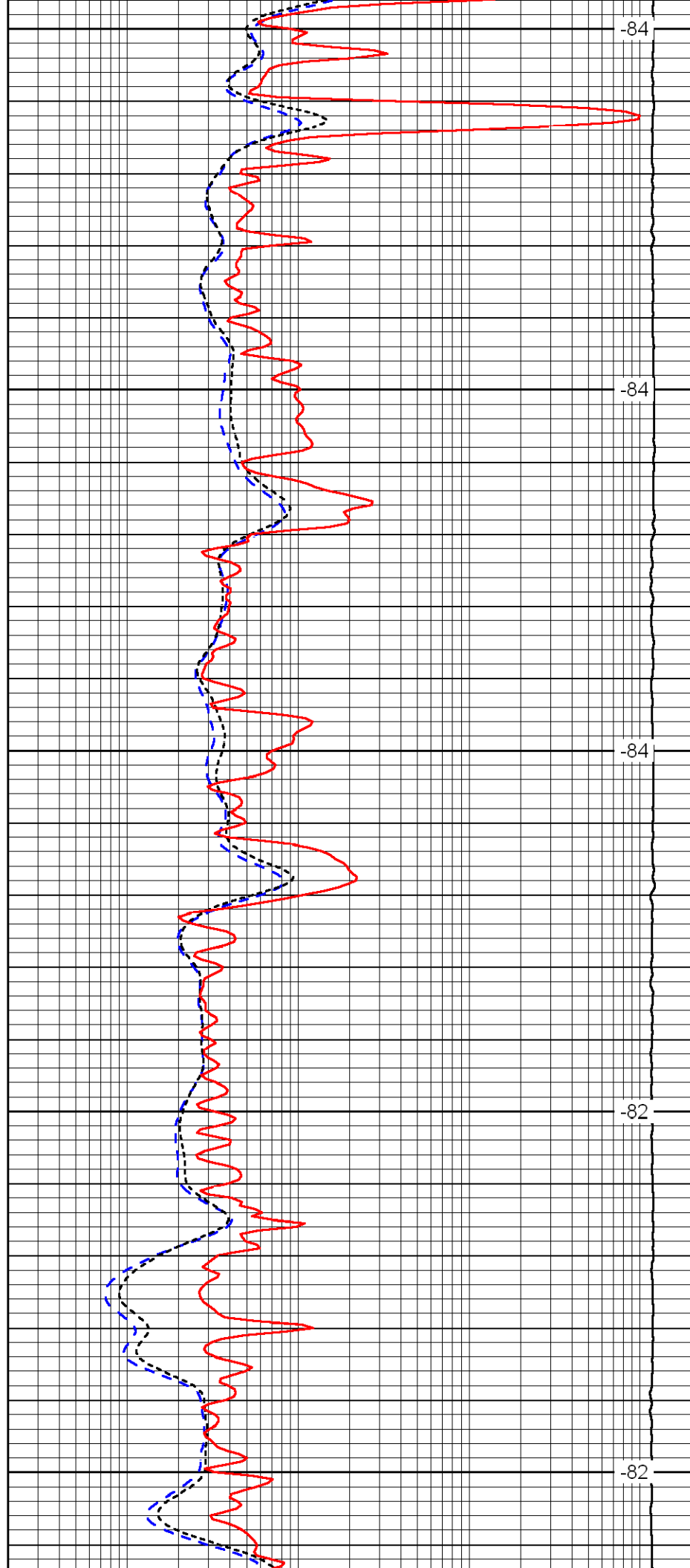
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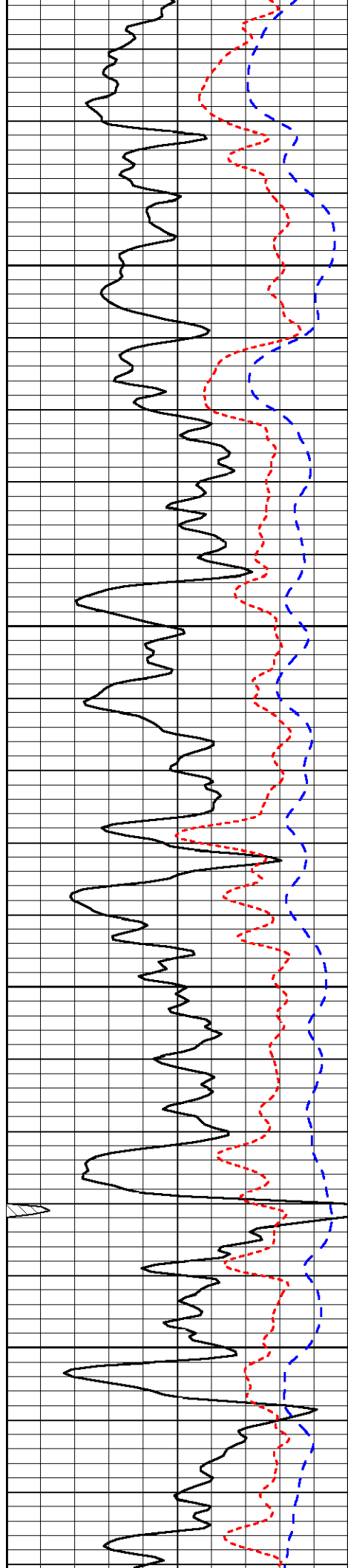
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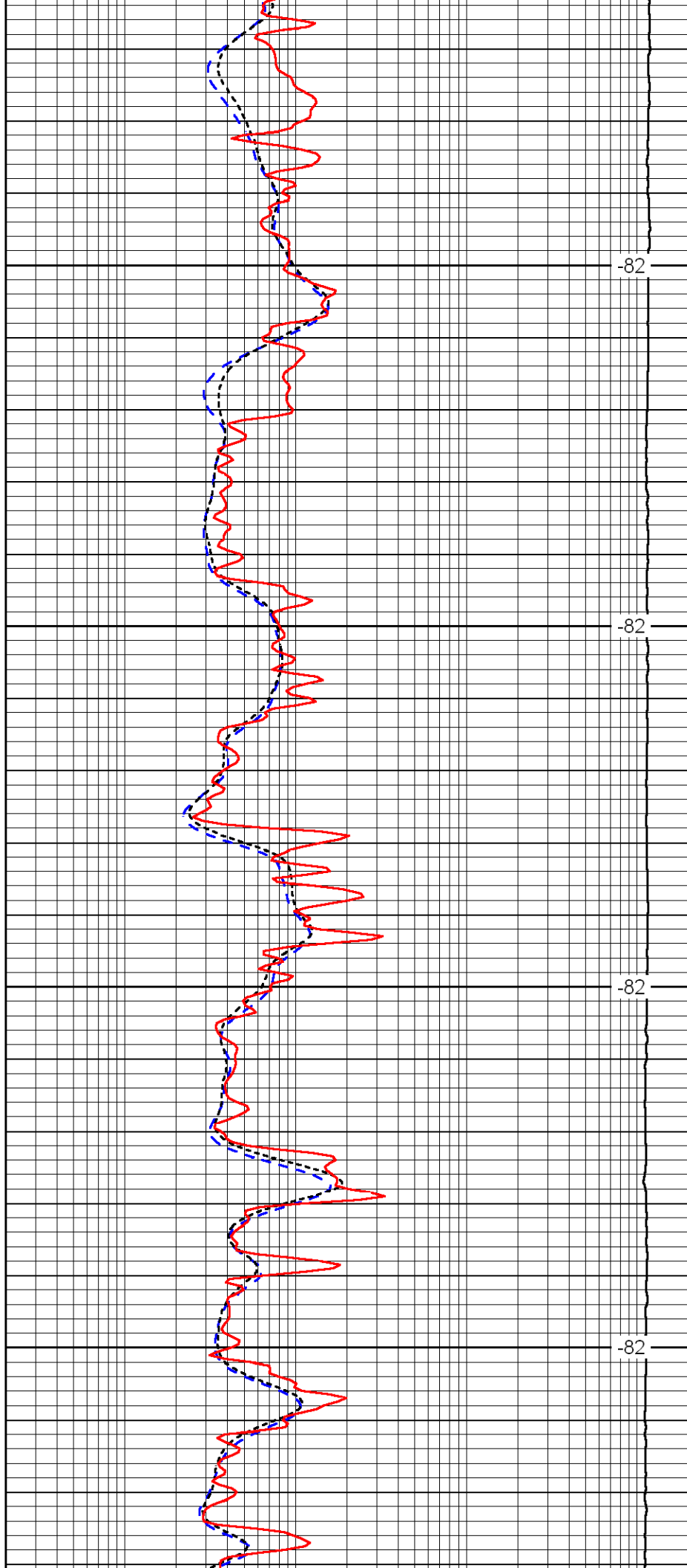


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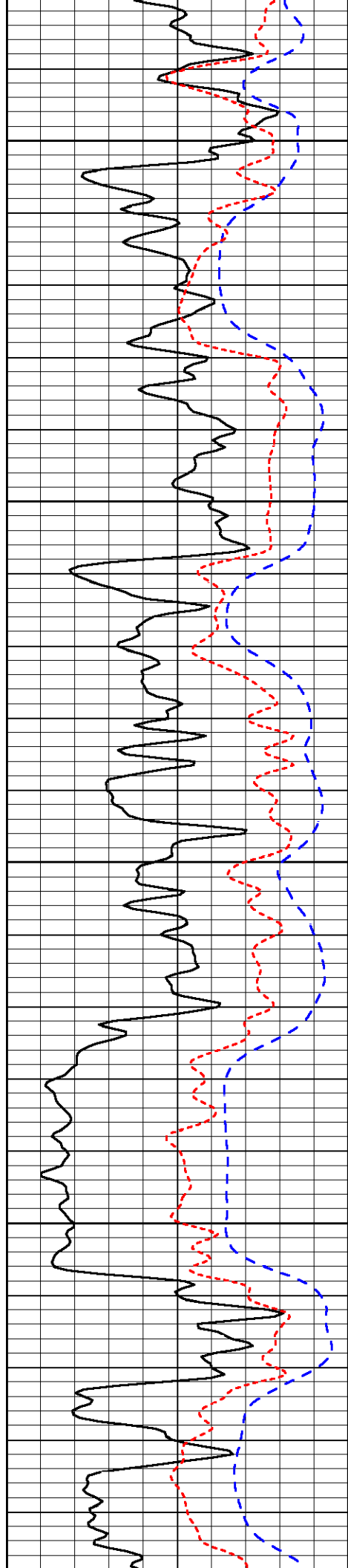


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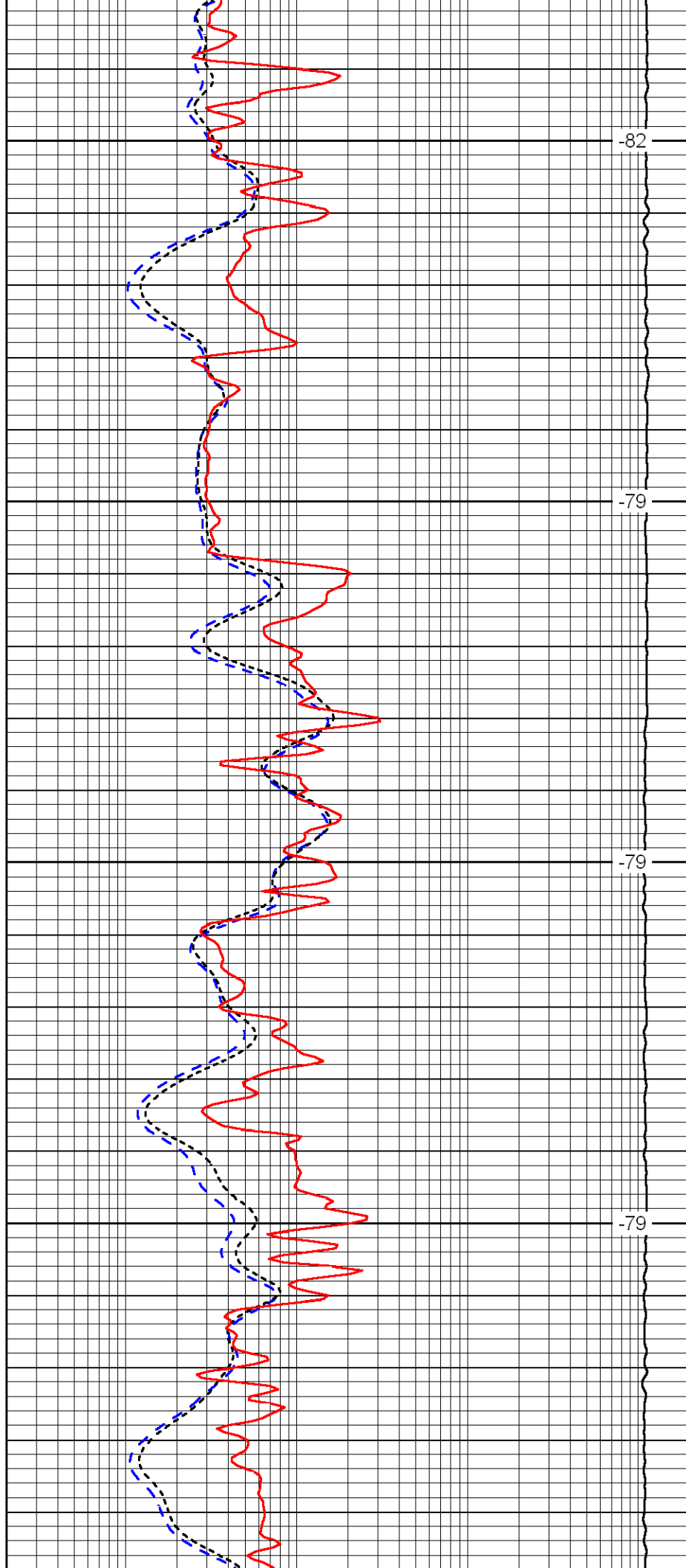


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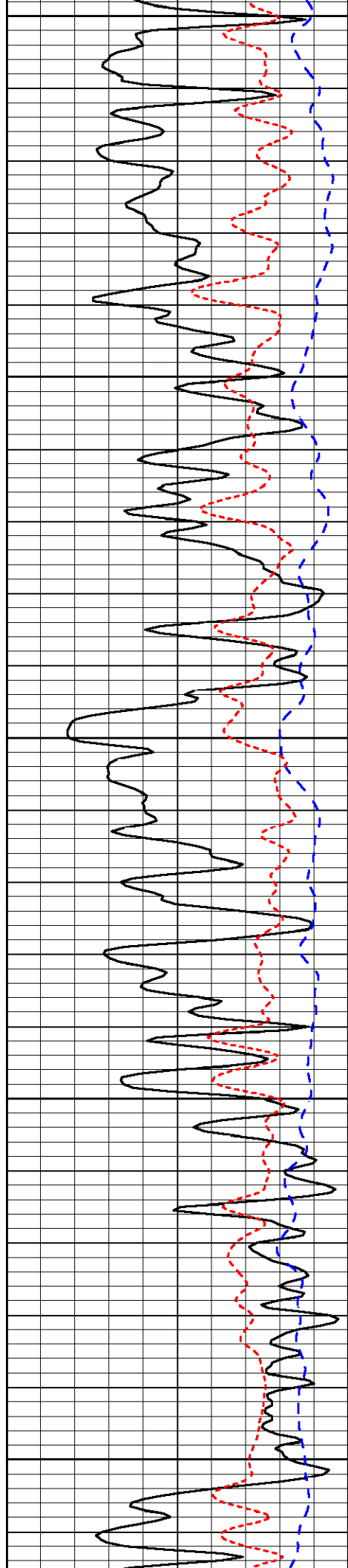


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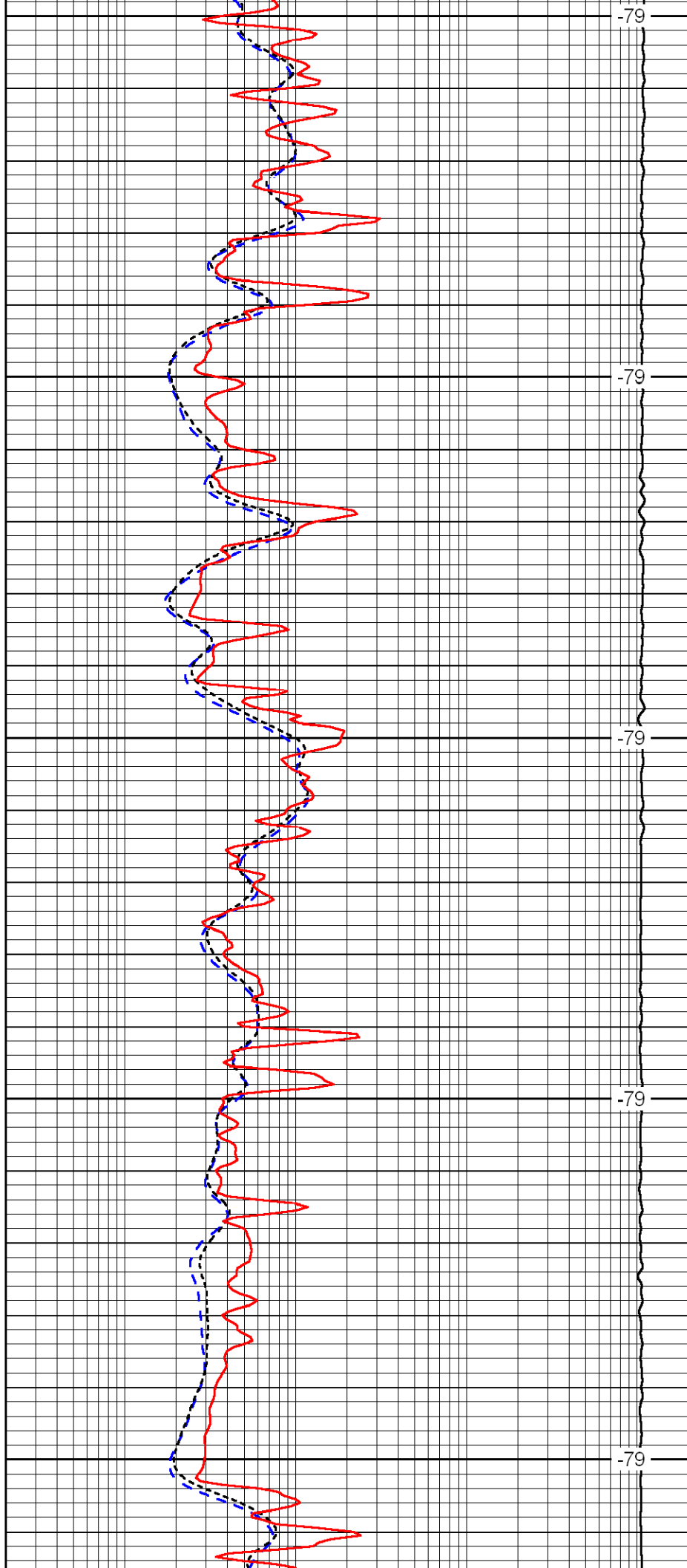
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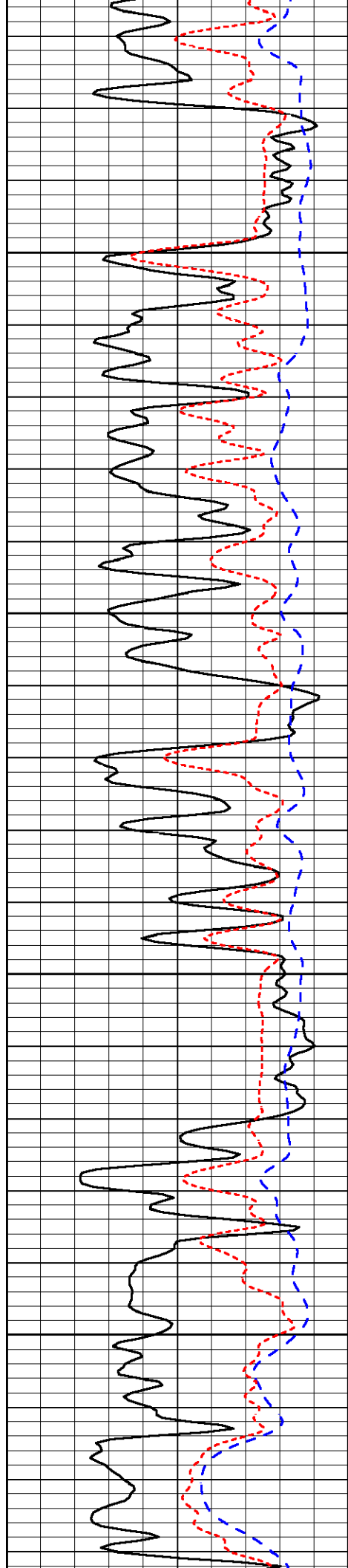
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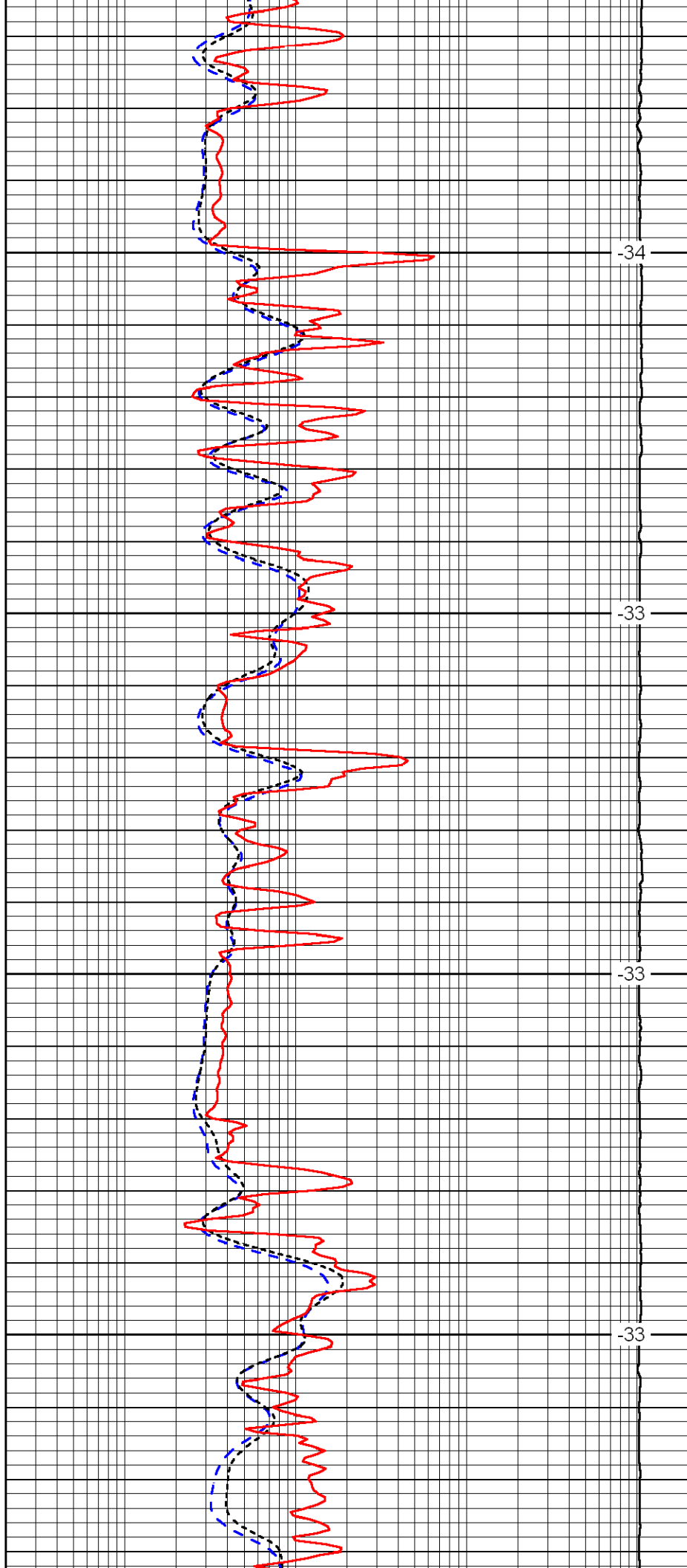


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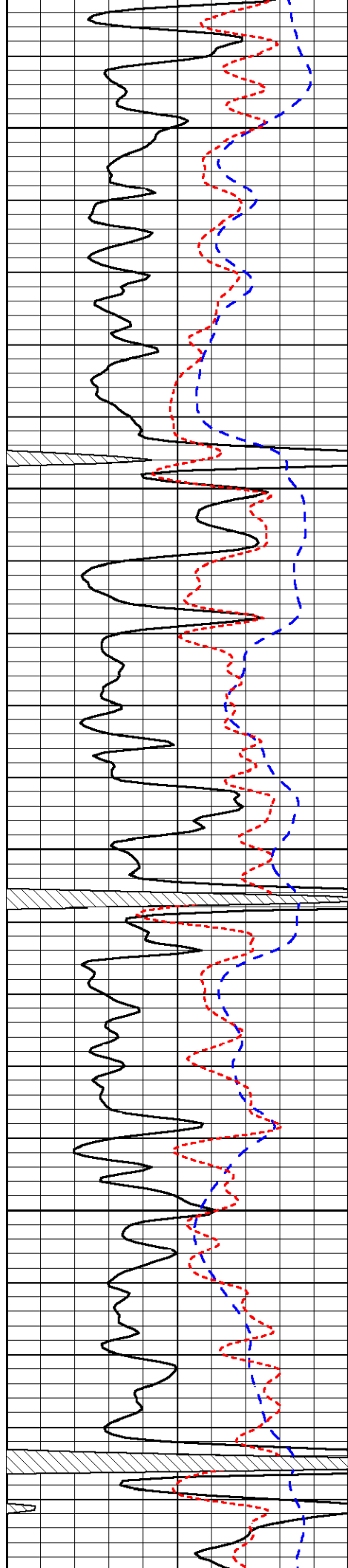


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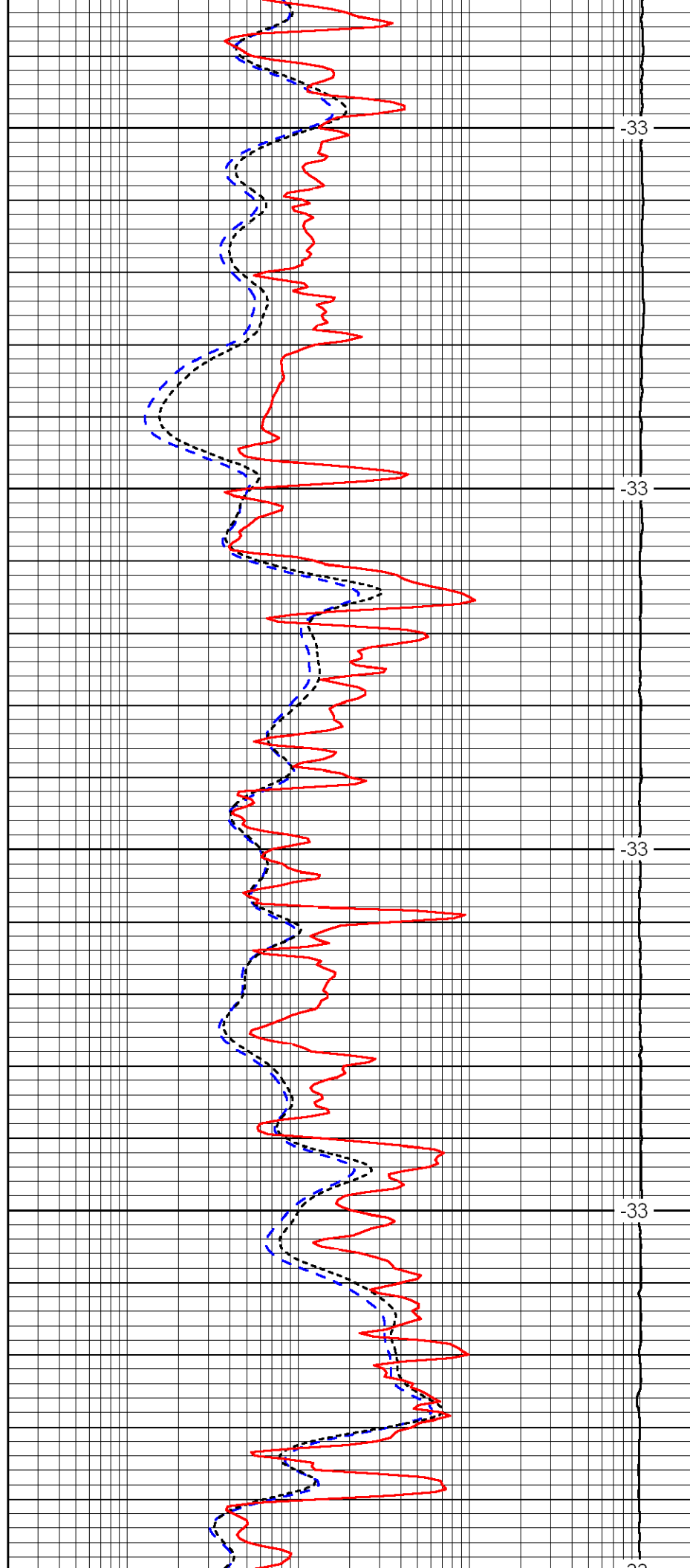
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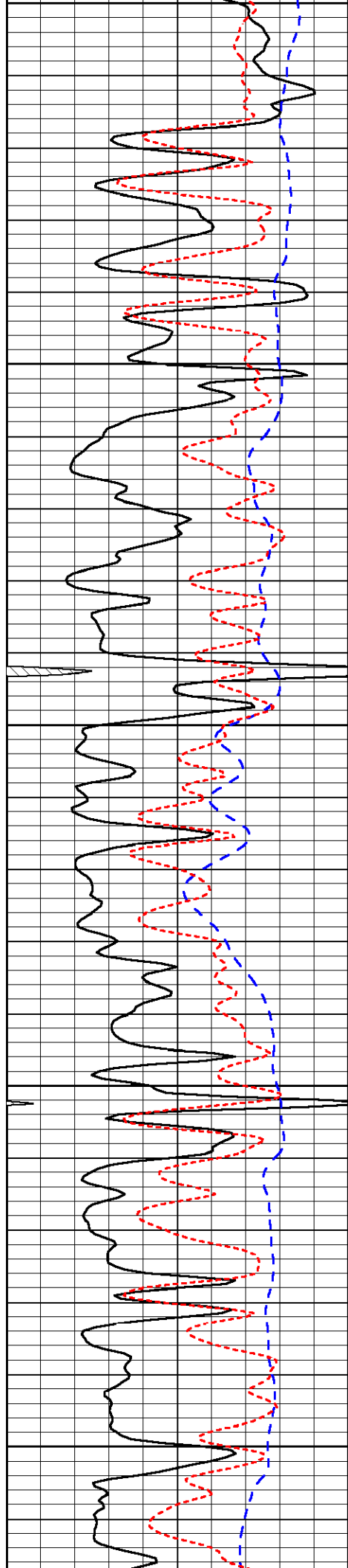
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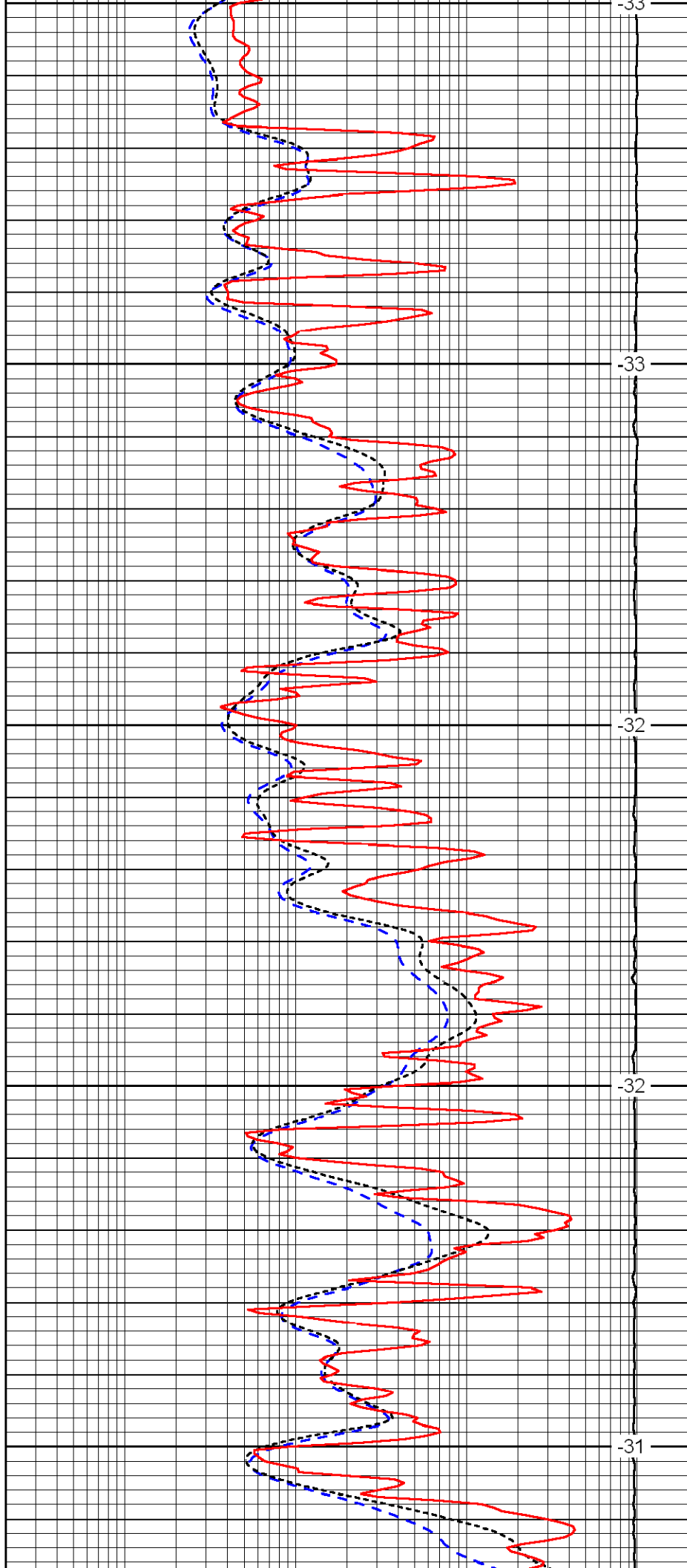
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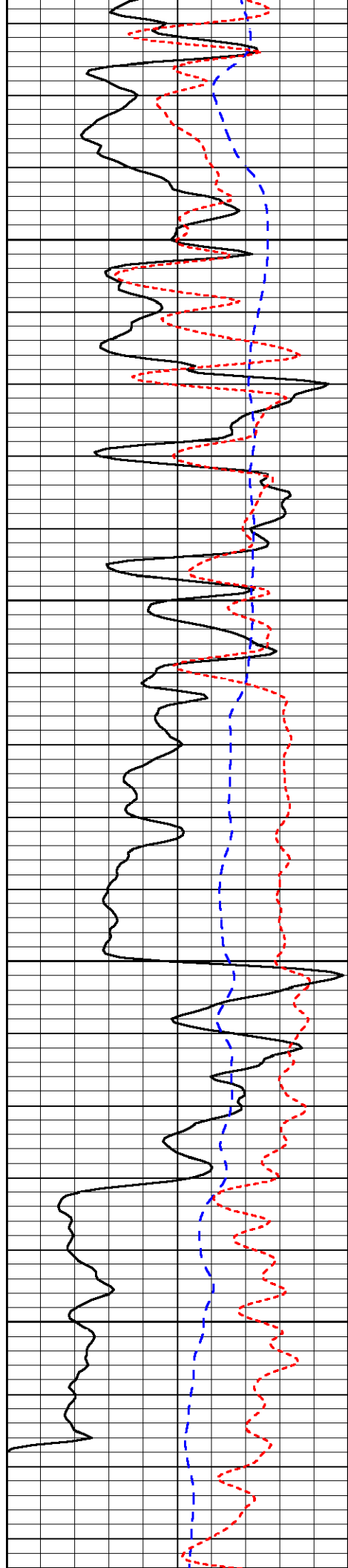
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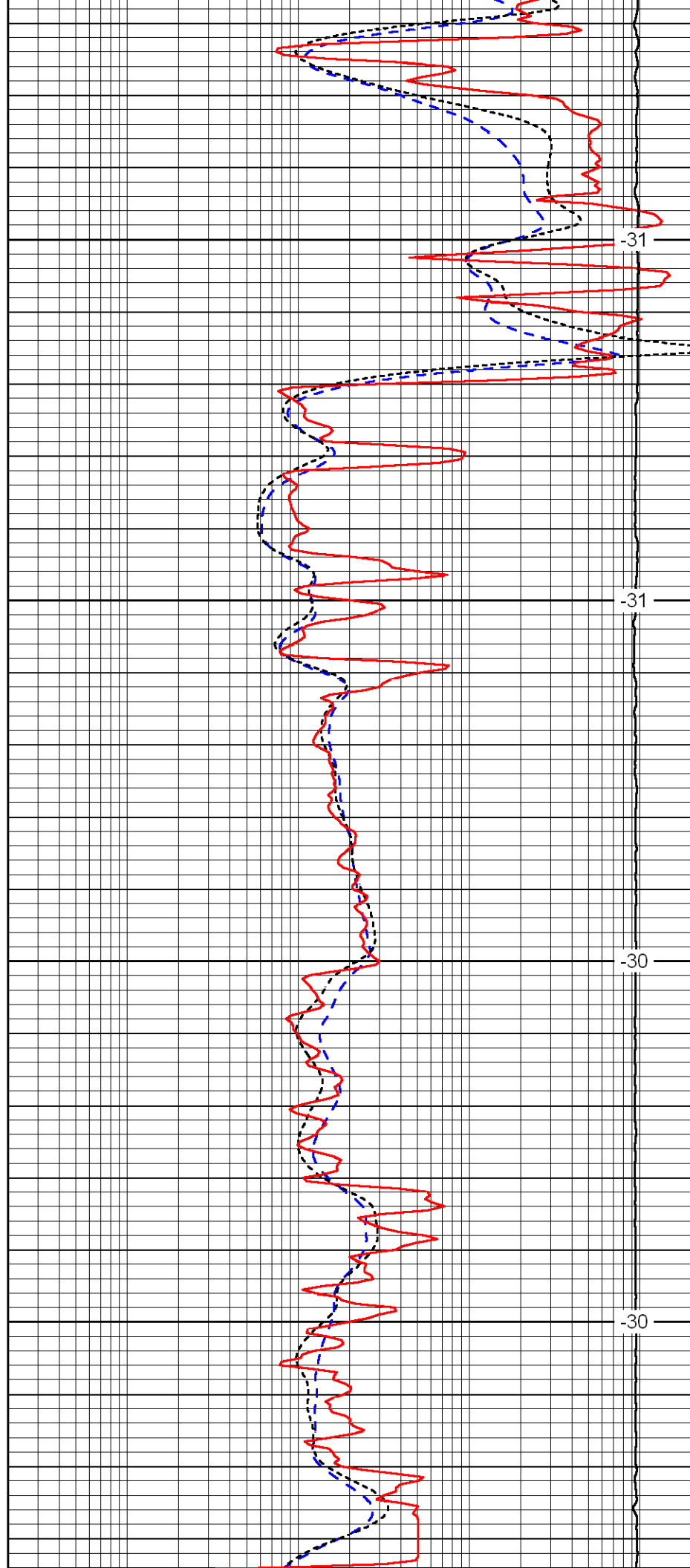


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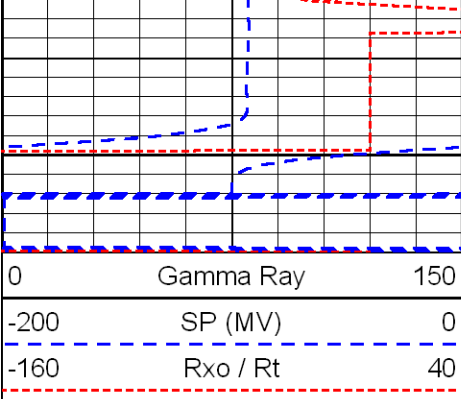


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