

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-023-21,206

Company Murfin Drilling Company, Inc.

Well Ellen #2-29

Field Raile

County Cheyenne State

Kansas

Location

SE SW SW
330' FSL & 990' FWL

Sec: 29

Twp: 2S

Rge: 41W

Other Services
CNL / CDL
MEL / BHCS

Permanent Datum Ground Level Elevation 3695
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 3700
D.F. 3698
G.L. 3695

Date

1/11/2009

Run Number

One

Depth Driller

5150

Depth Logger

5154

Bottom Logged Interval

5153

Top Log Interval

00

Casing Driller

8.625 @ 369

Casing Logger

368

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

700

Density / Viscosity

9.2 58

pH / Fluid Loss

11.5 6.0

Source of Sample

Flowline

Rm @ Meas. Temp

1.0 @ 50

Rmf @ Meas. Temp

.75 @ 50

Rmc @ Meas. Temp

1.35 @ 50

Source of Rmf / Rmc

Charts

Rm @ BHT

.39 @ 127

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

127

Equipment Number

15

Location

Hays

Recorded By

T. Martin

Witnessed By

Brad Rine

<<< Fold Here >>>

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

St. Francis, N on Hwy 27 to curve, W to curve, 1/8 W, 1/2 S to Rd T, 2 W, N into

Database File: c:\warrior\data\murfin_ellen no.2-29\mfndb.db
Dataset Pathname: dil\mfndb
Presentation Format: dil2in
Dataset Creation: Sun Jan 11 09:30:20 2009
Charted by: Depth in Feet scaled 1:600

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-200	SP	0

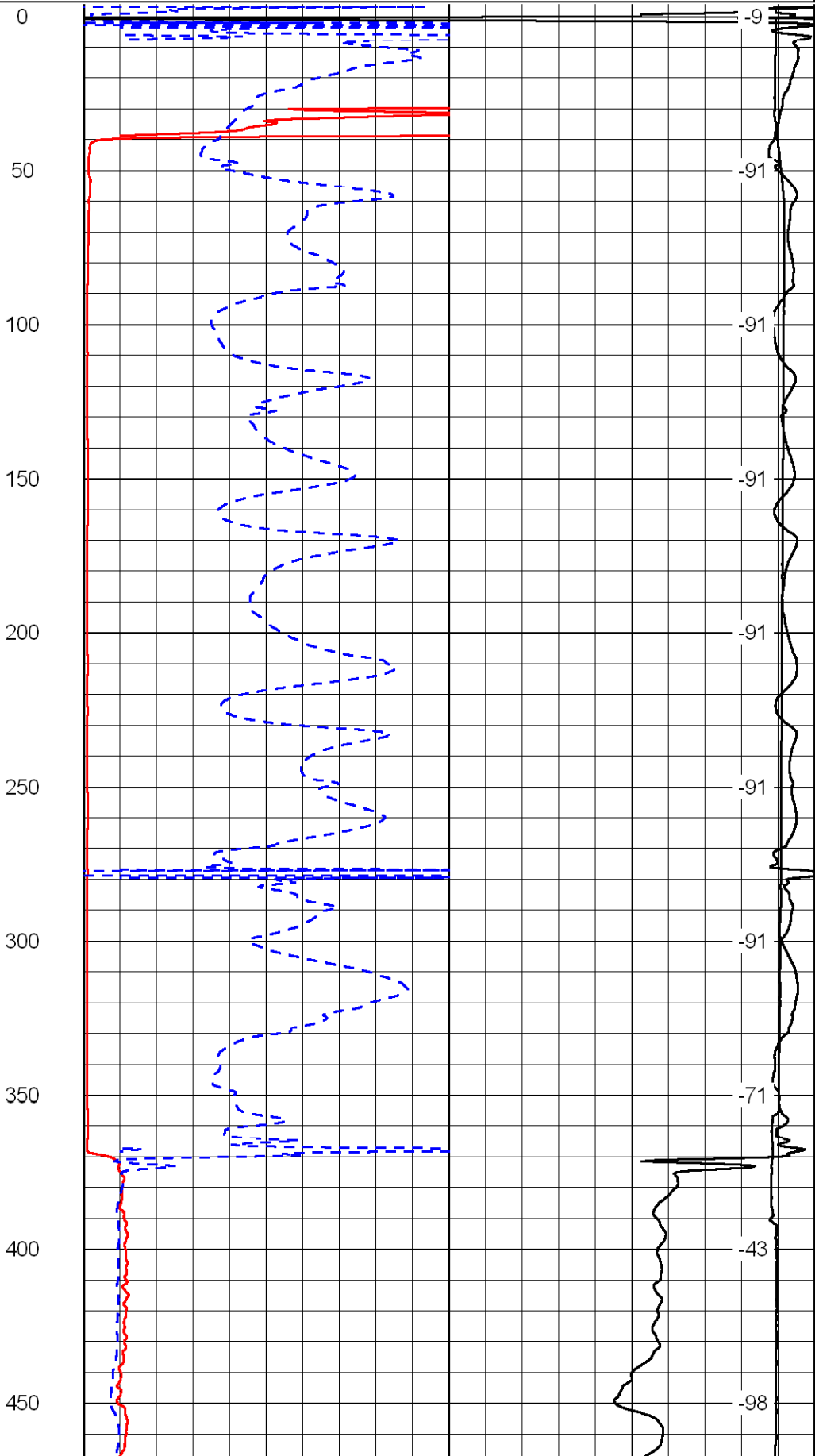
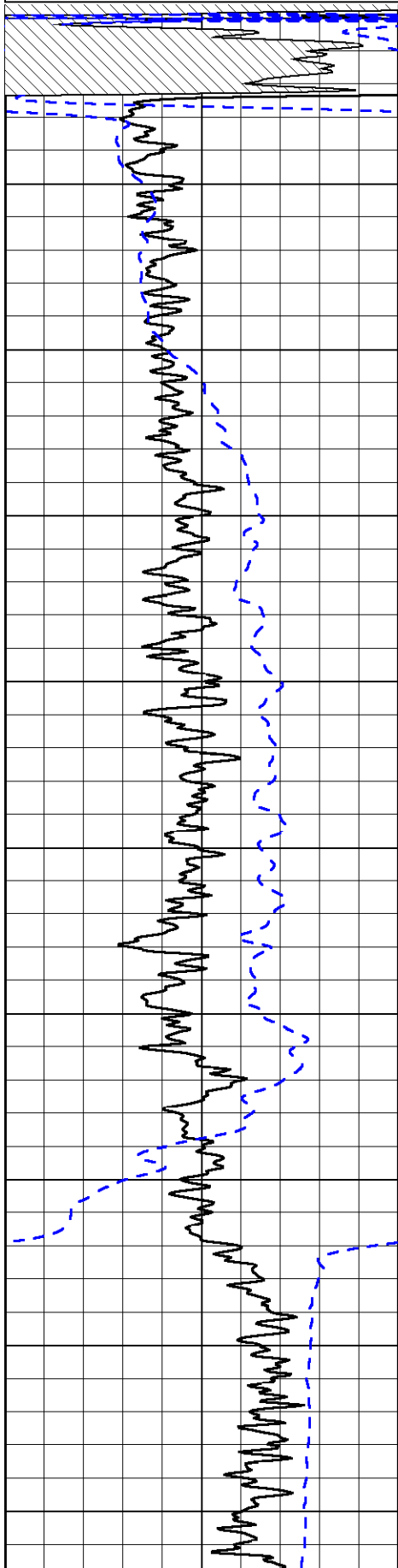
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0	Deep Resistivity	50

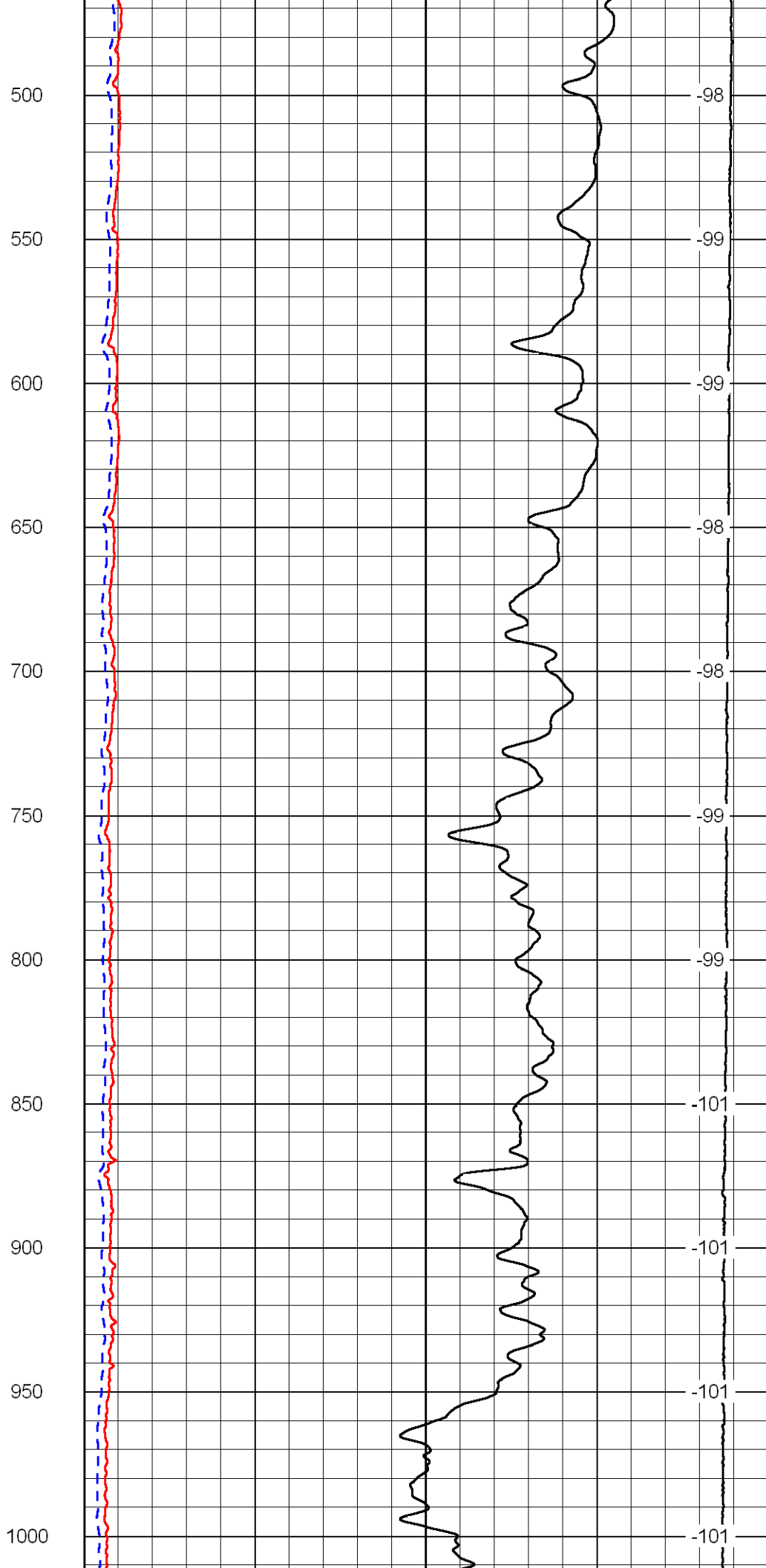
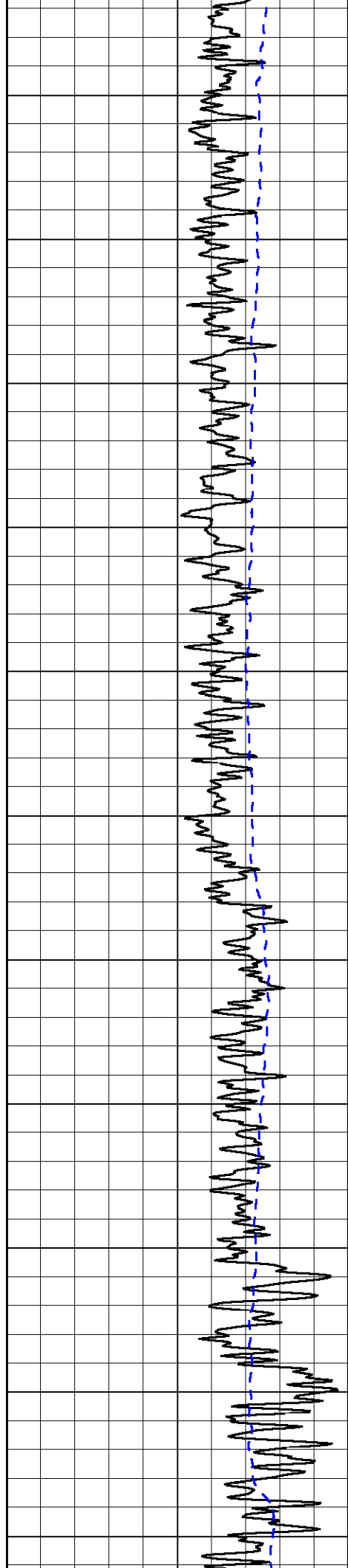
LSPD

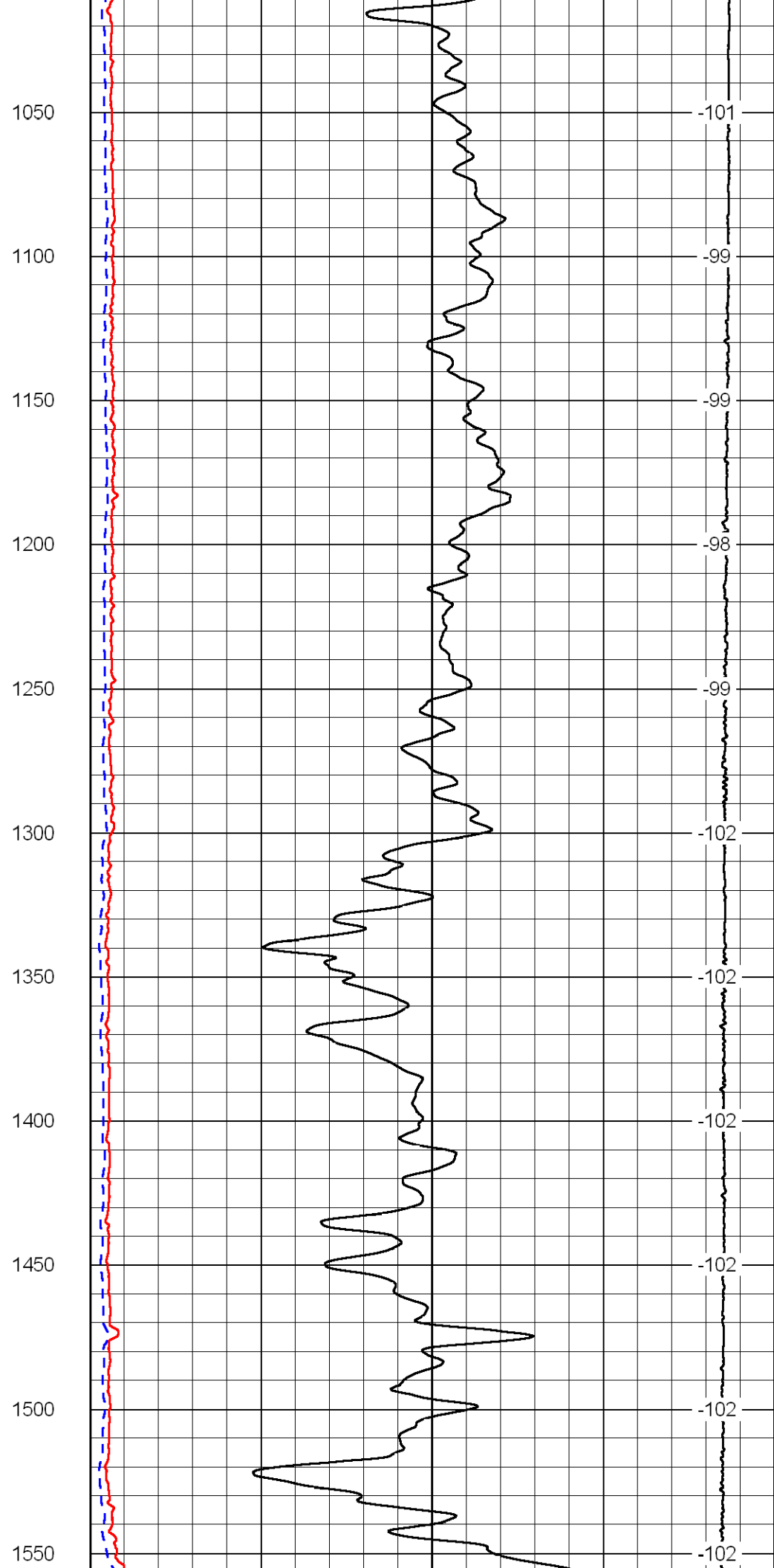
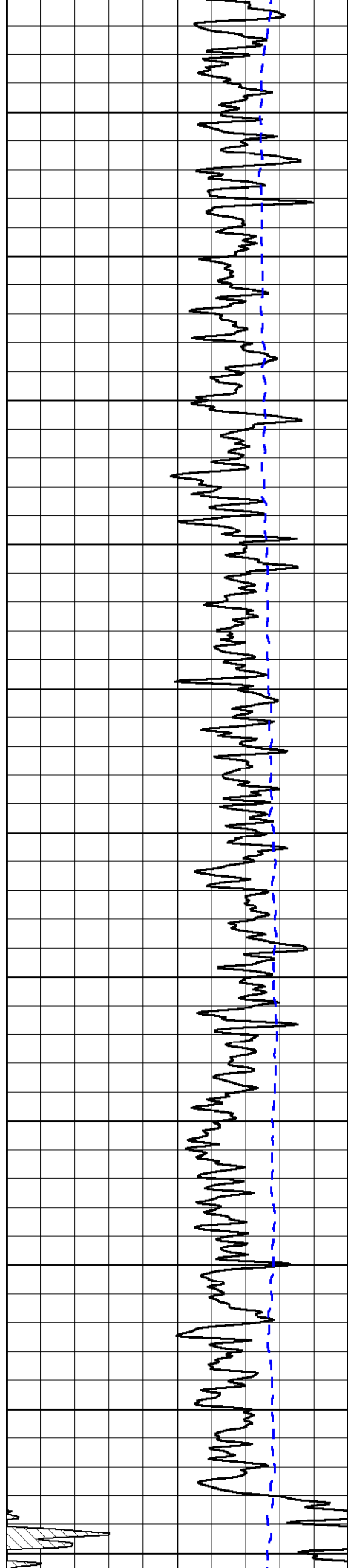
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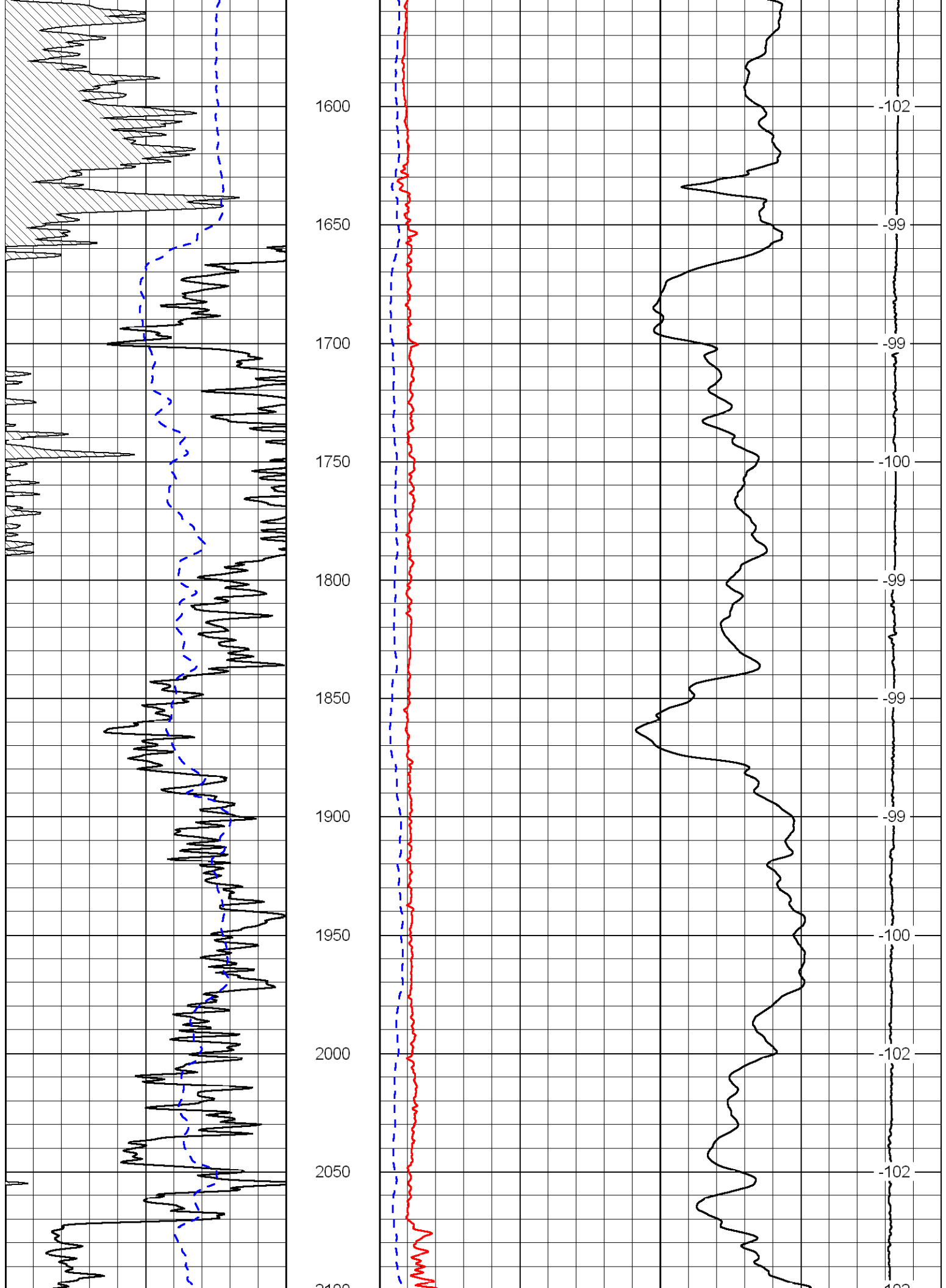
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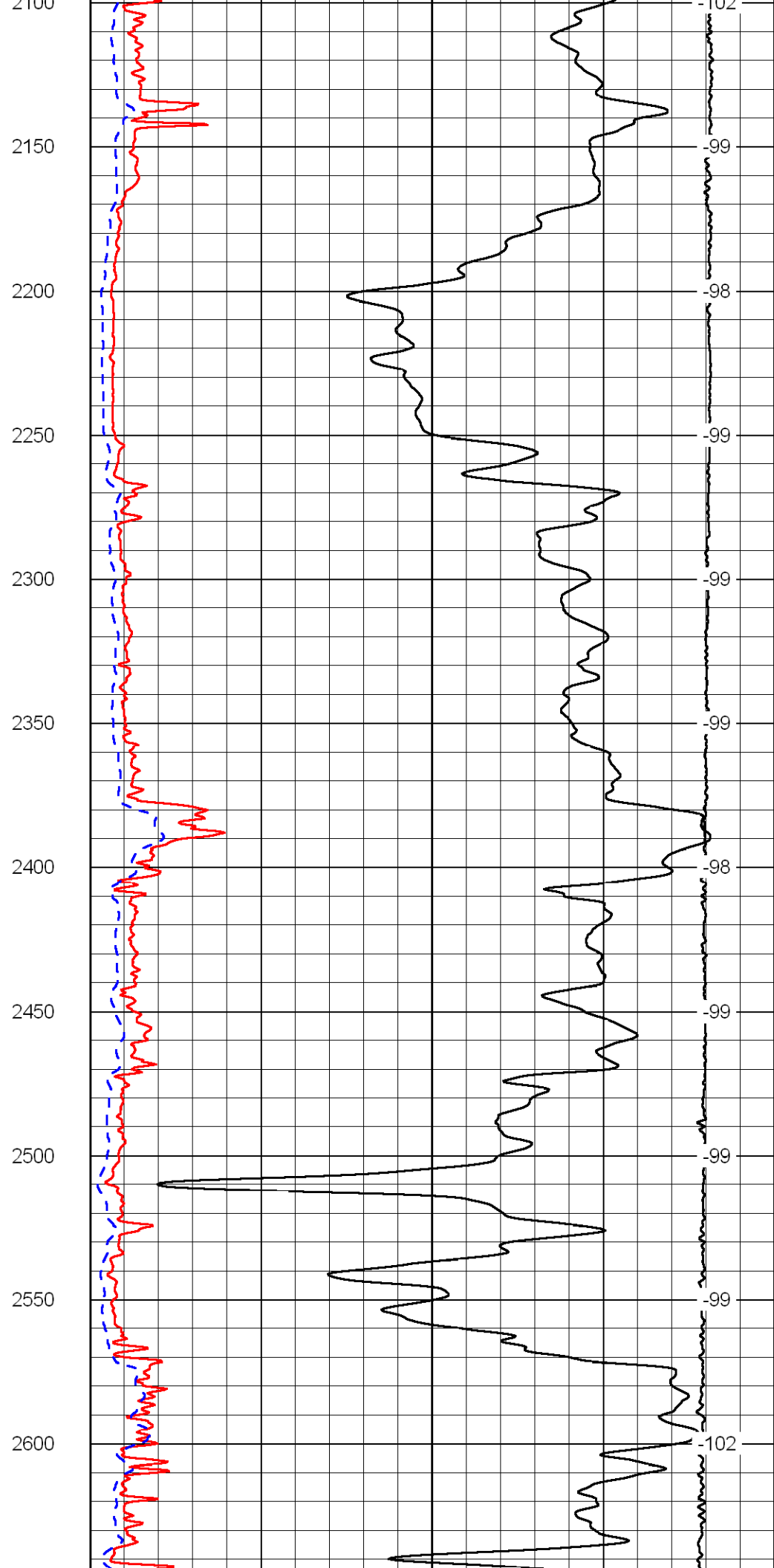
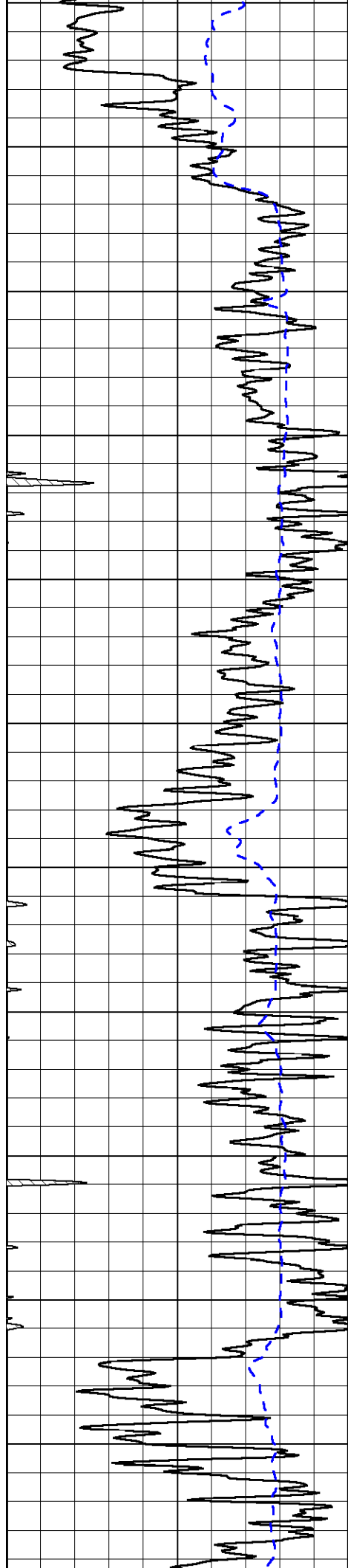
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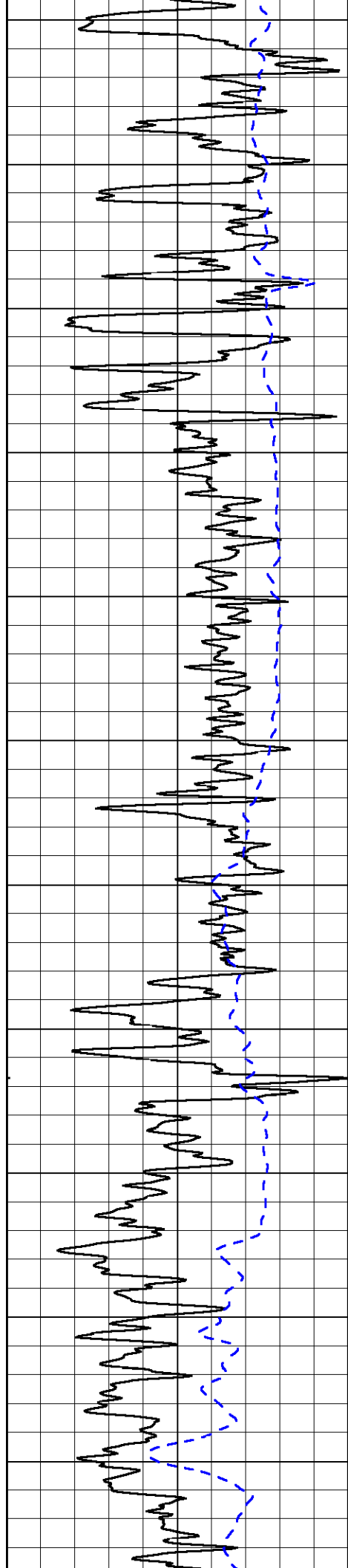




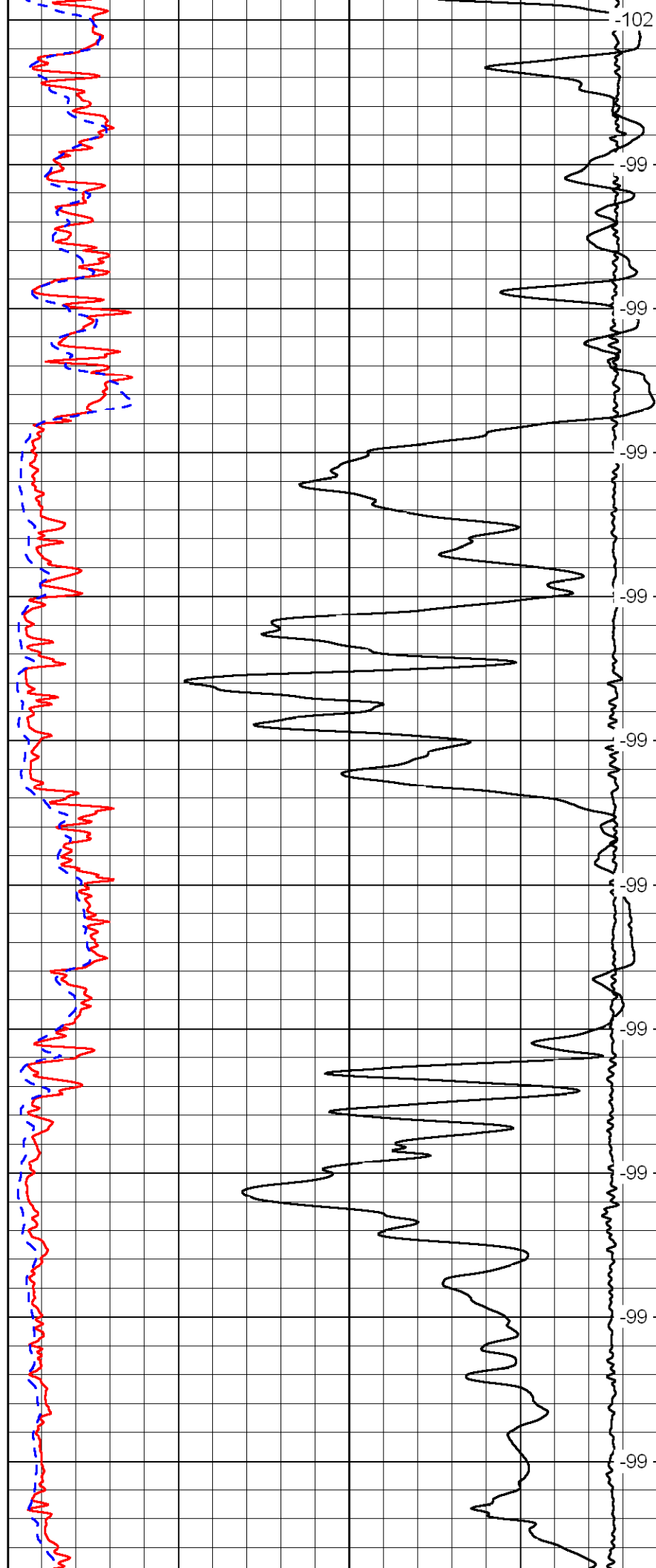




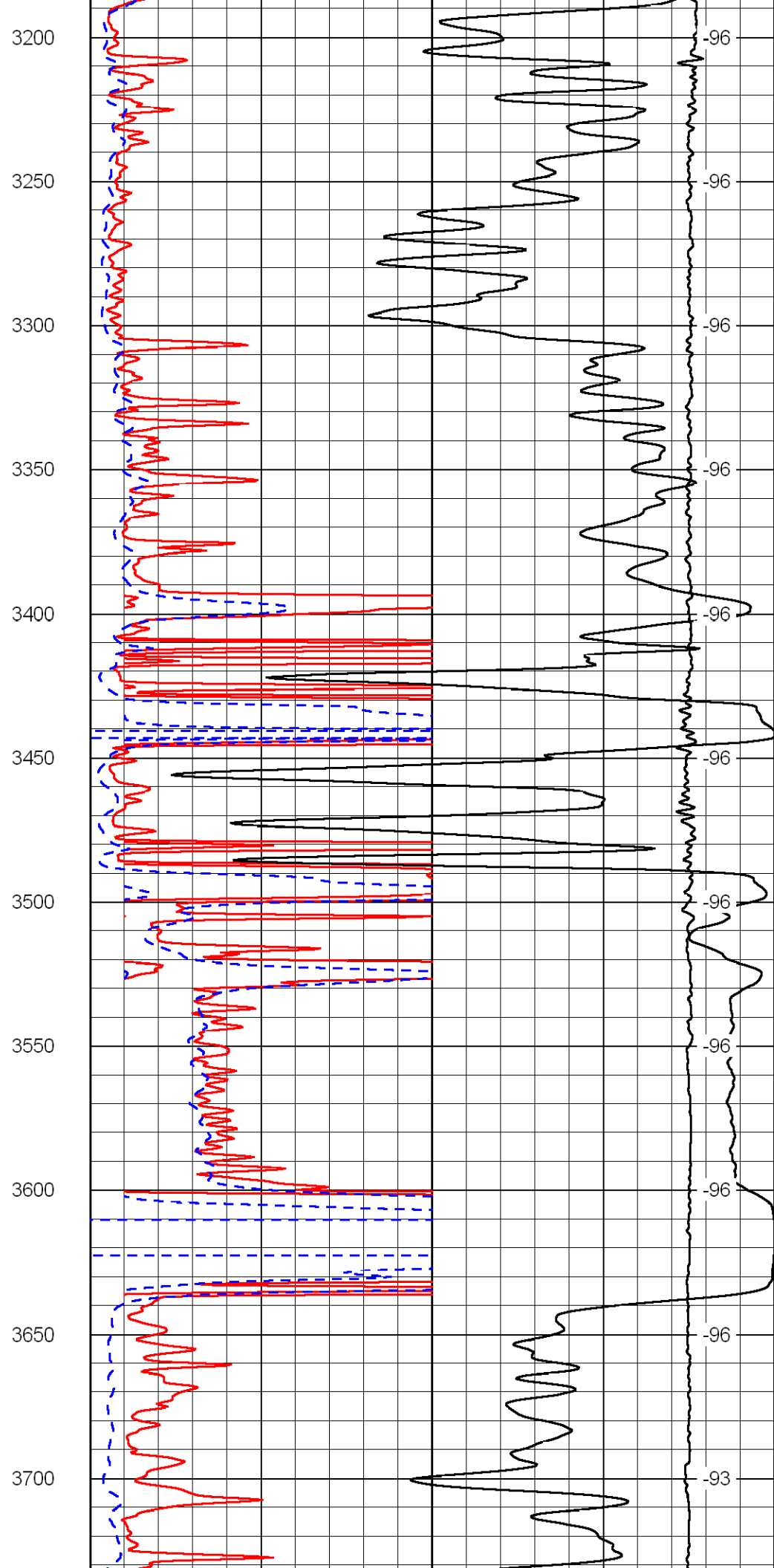
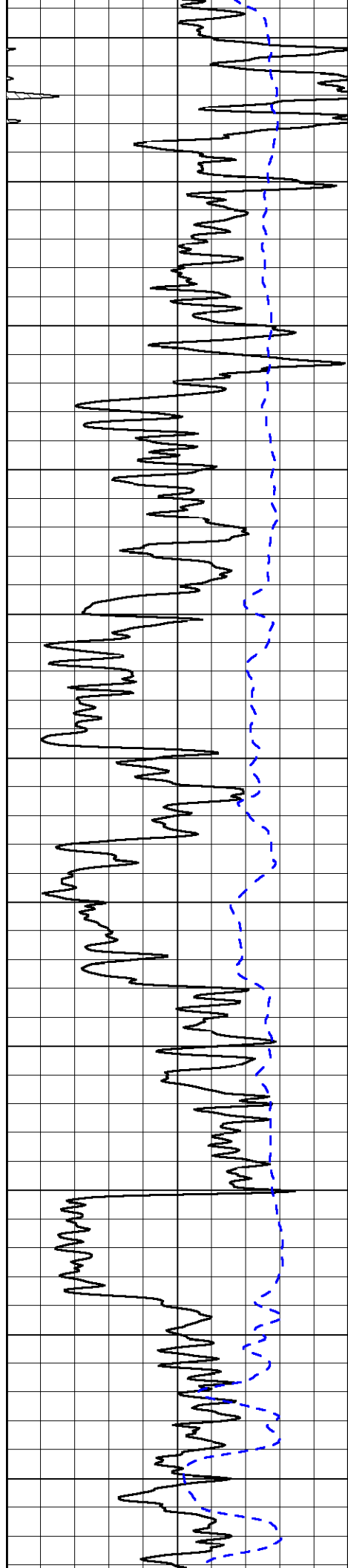


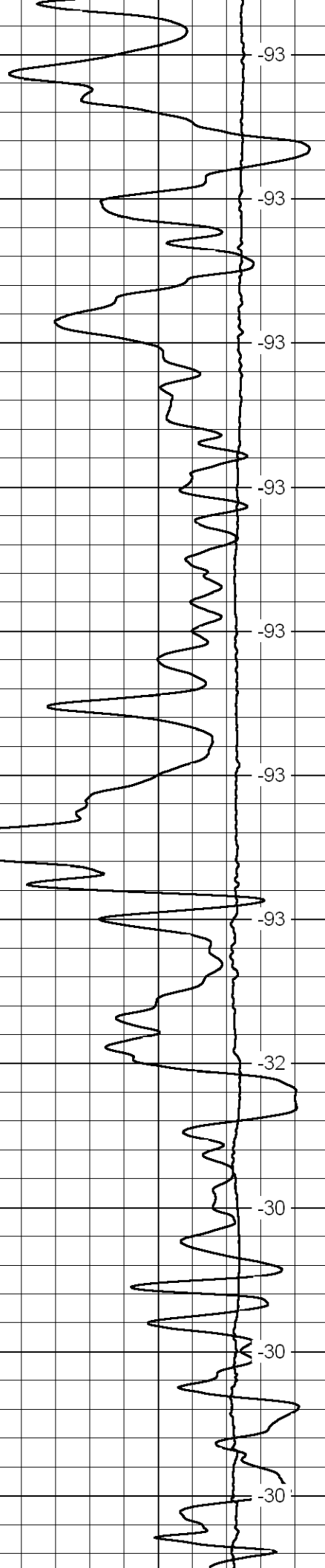
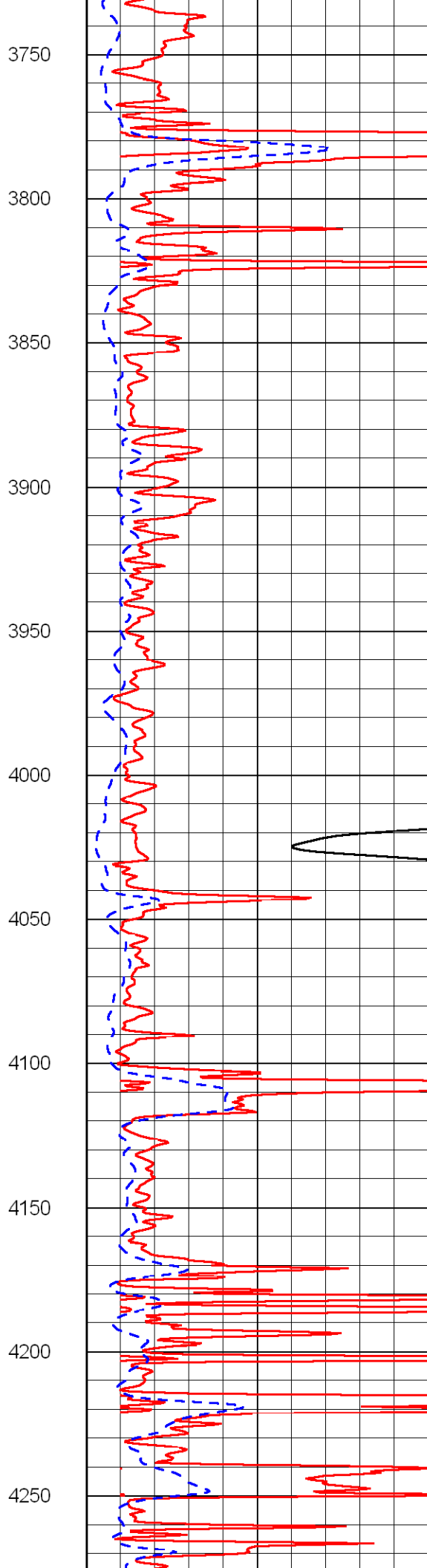
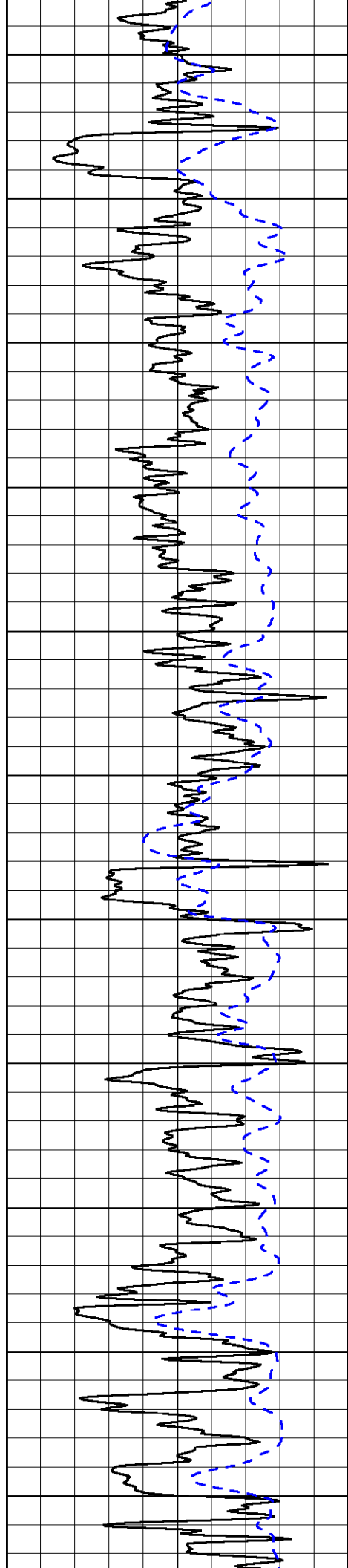


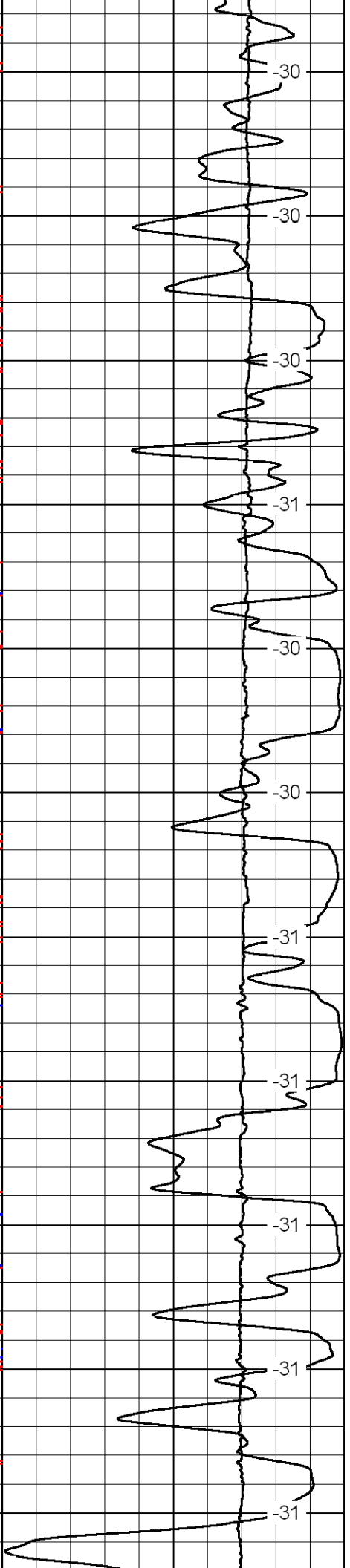
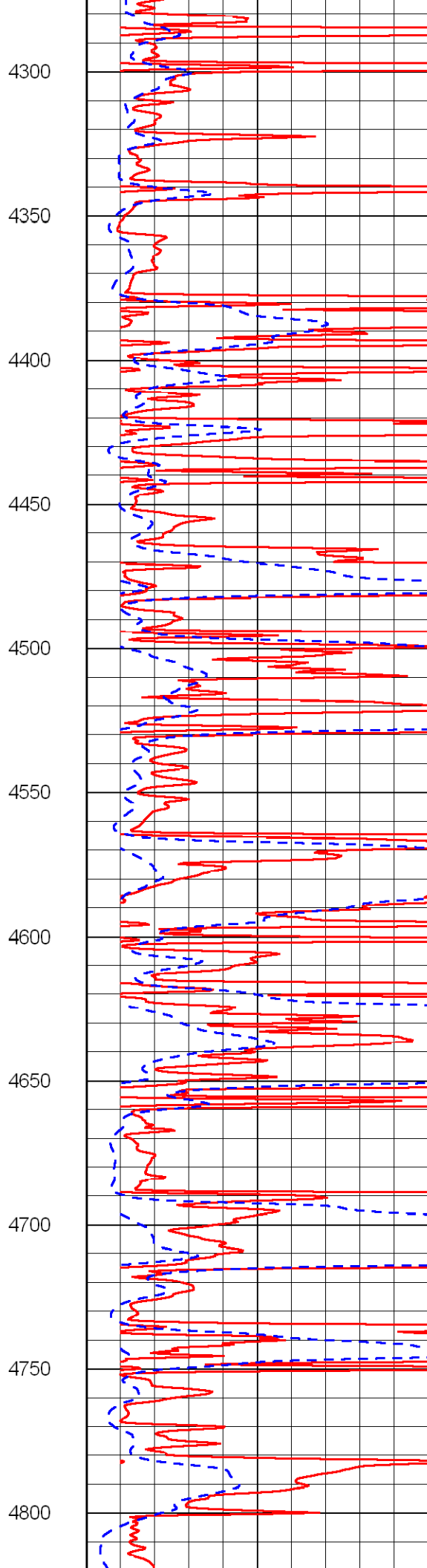
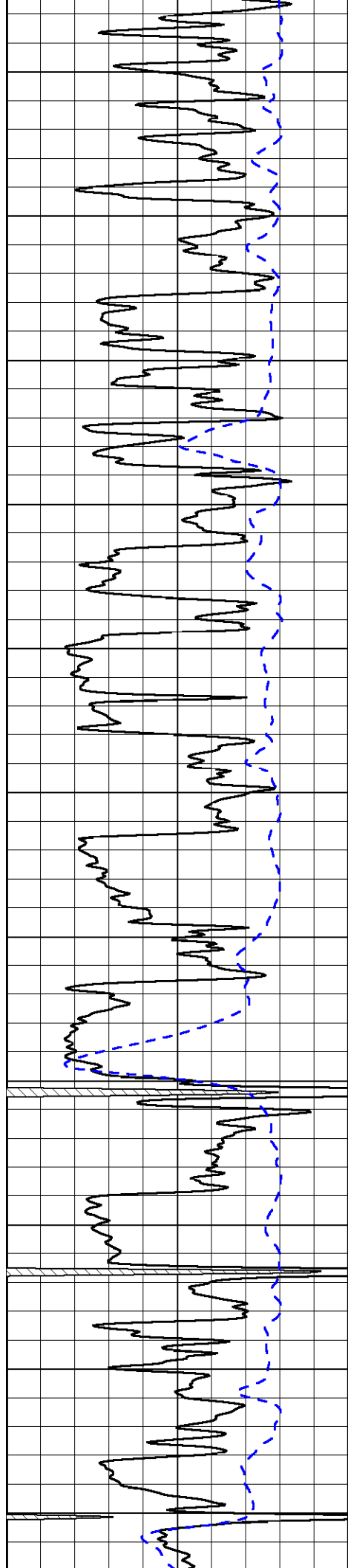
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2700
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2800
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2900
2950
3000
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3100
3150

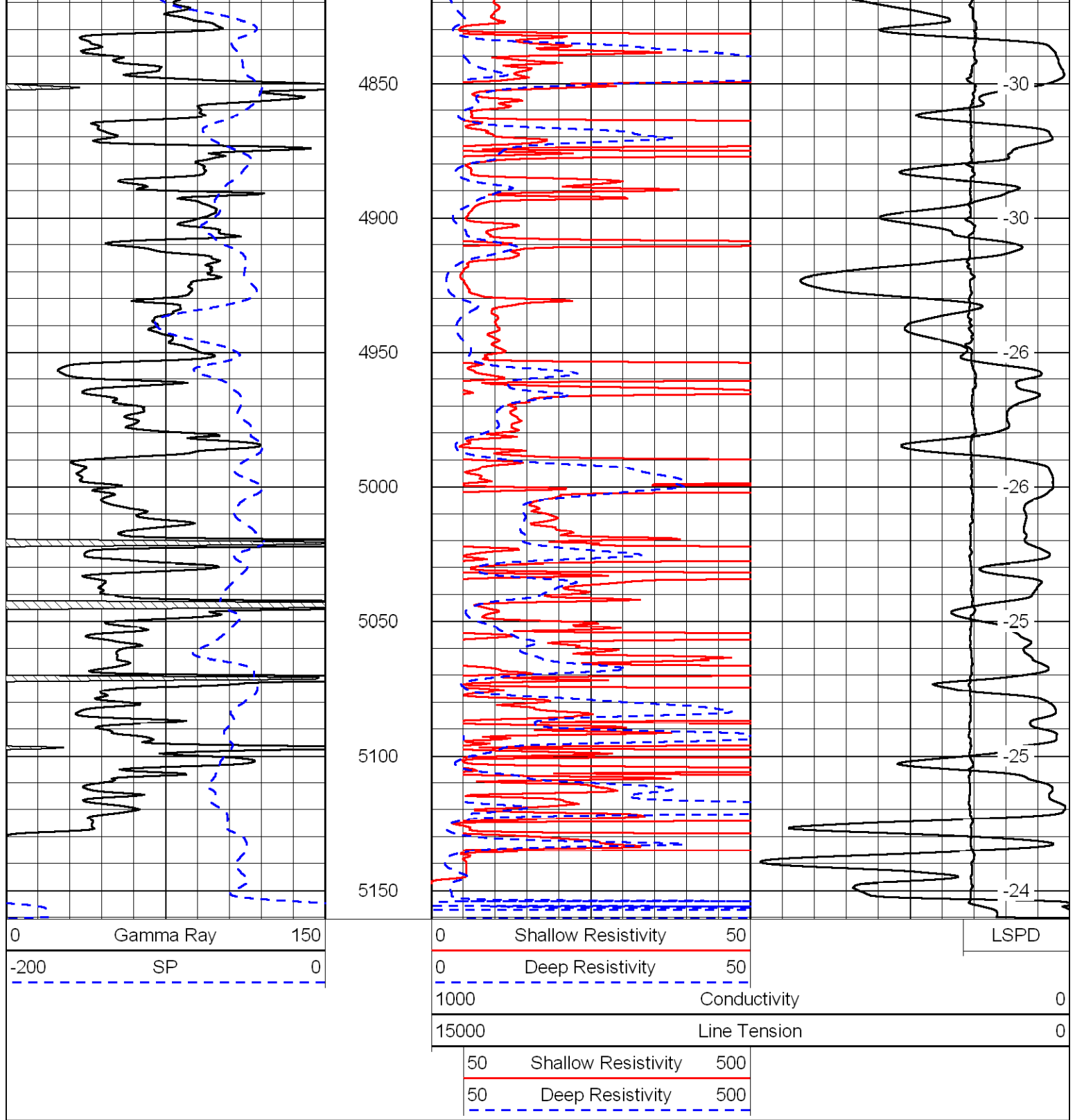


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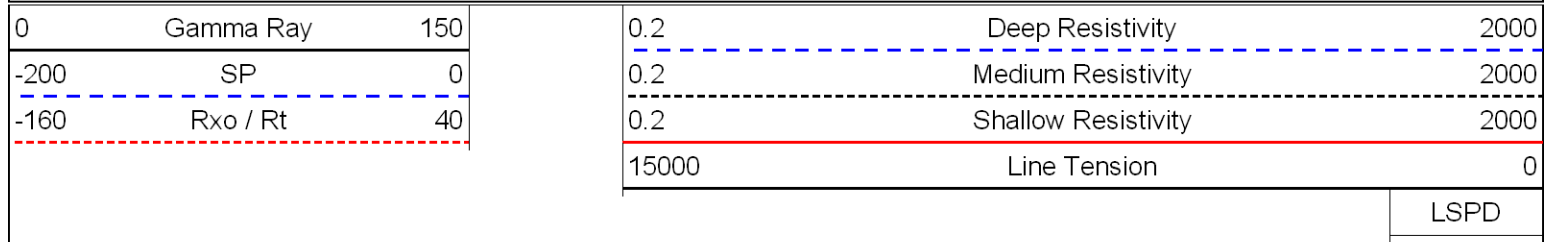


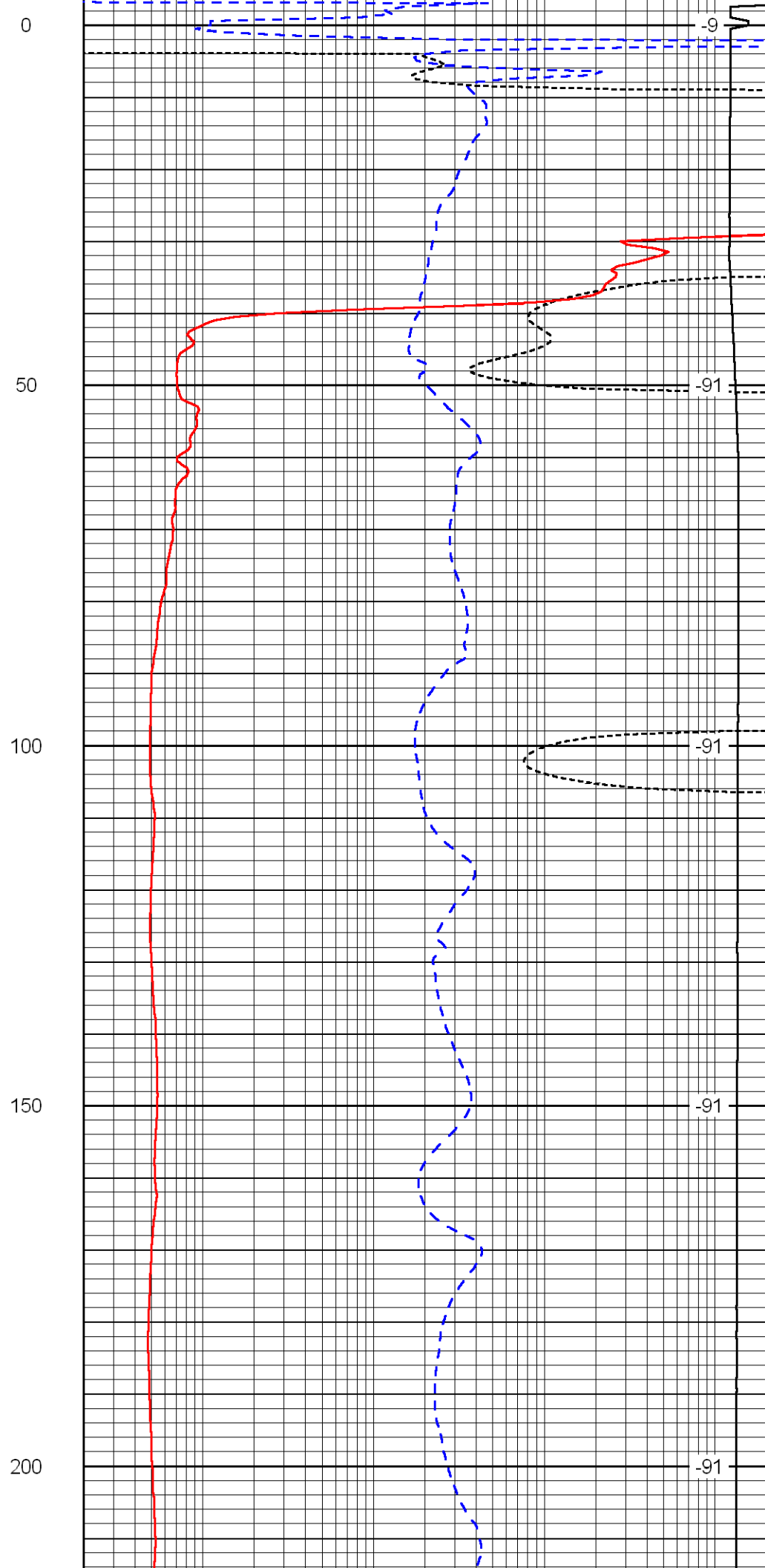
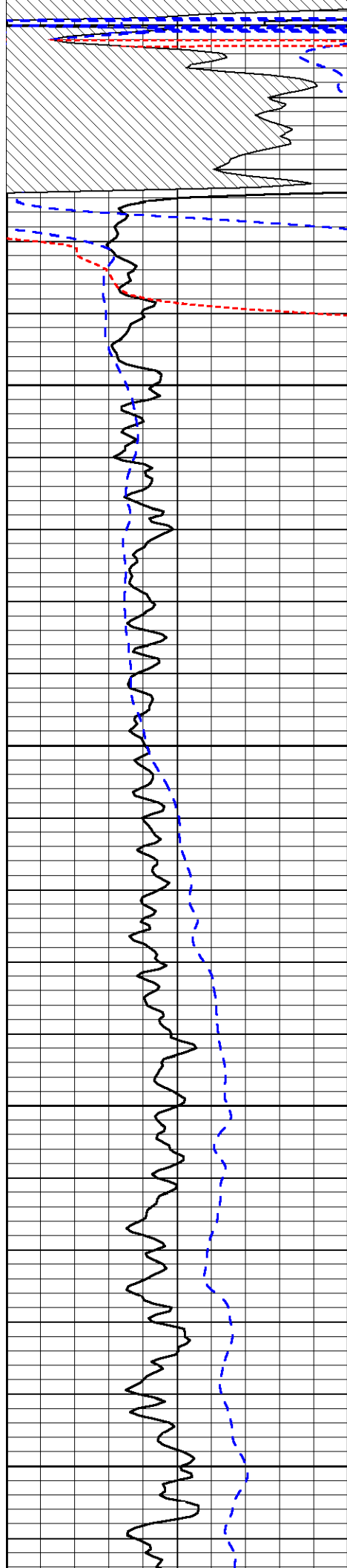


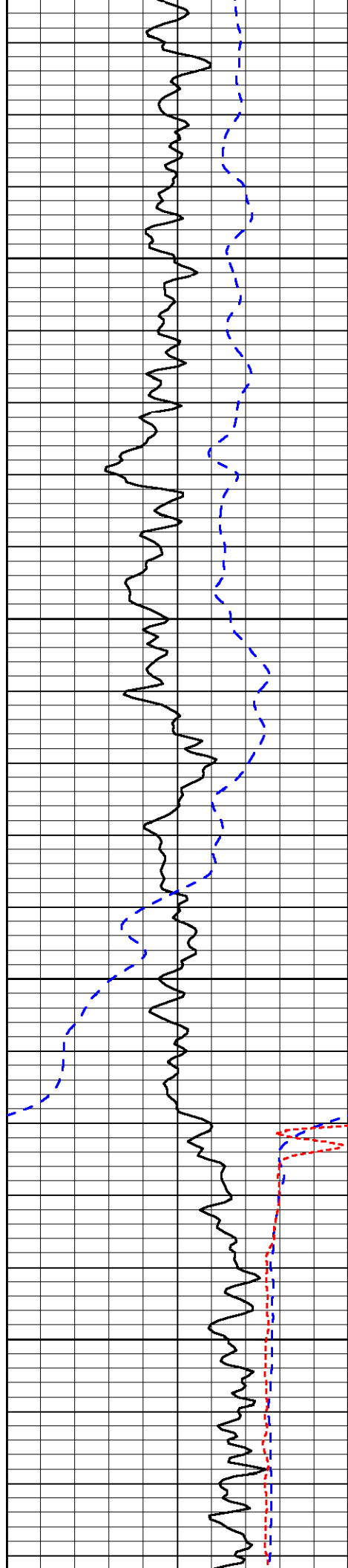




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 Presentation Format: dil
 Dataset Creation: Sun Jan 11 09:30:20 2009
 Charted by: Depth in Feet scaled 1:240





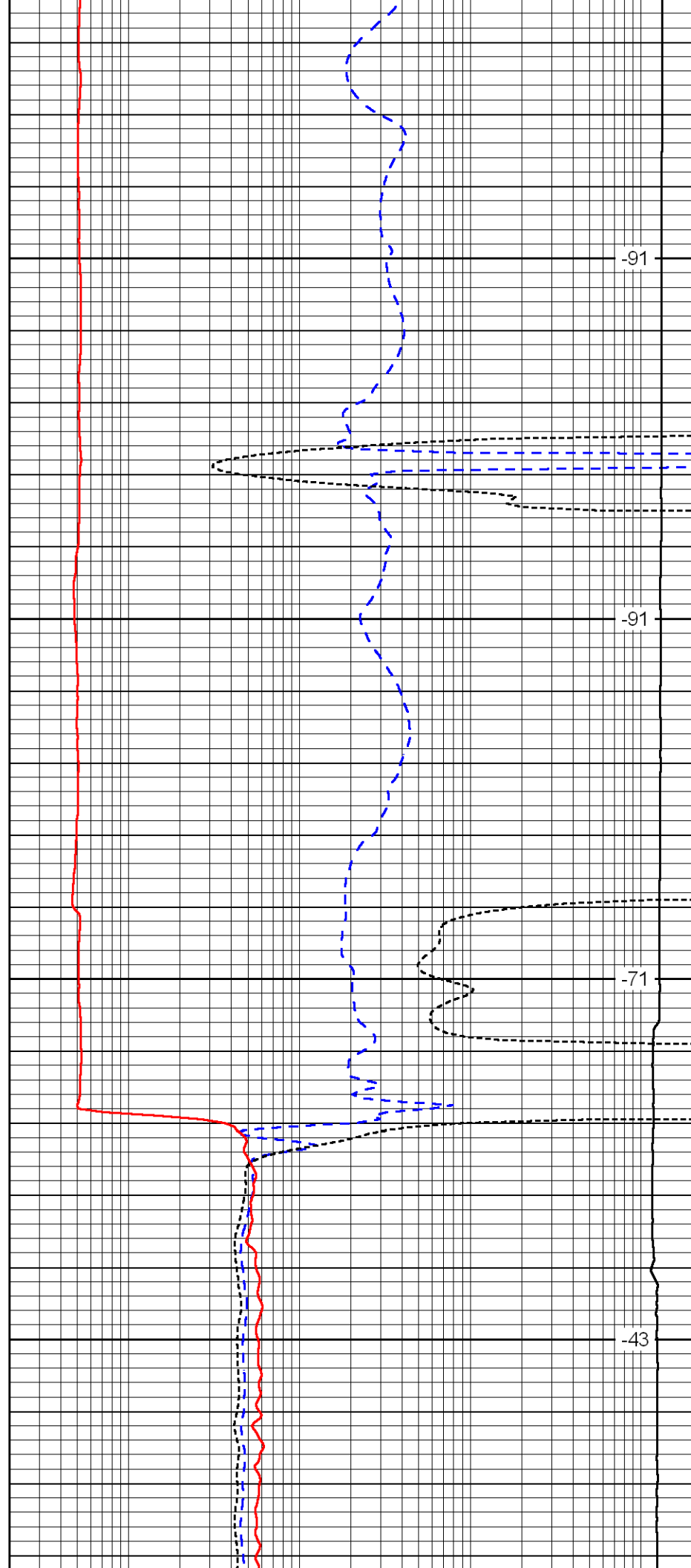


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300

350

400

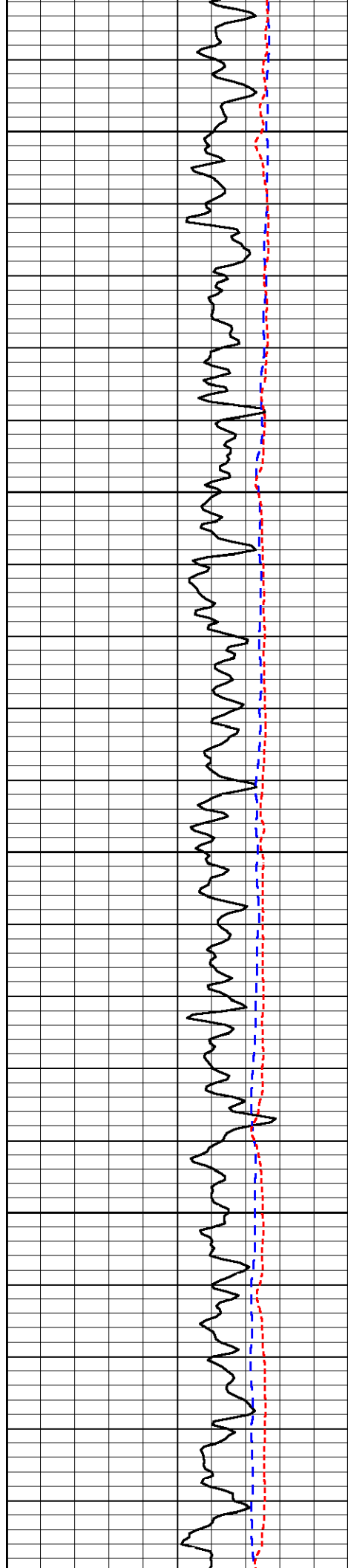


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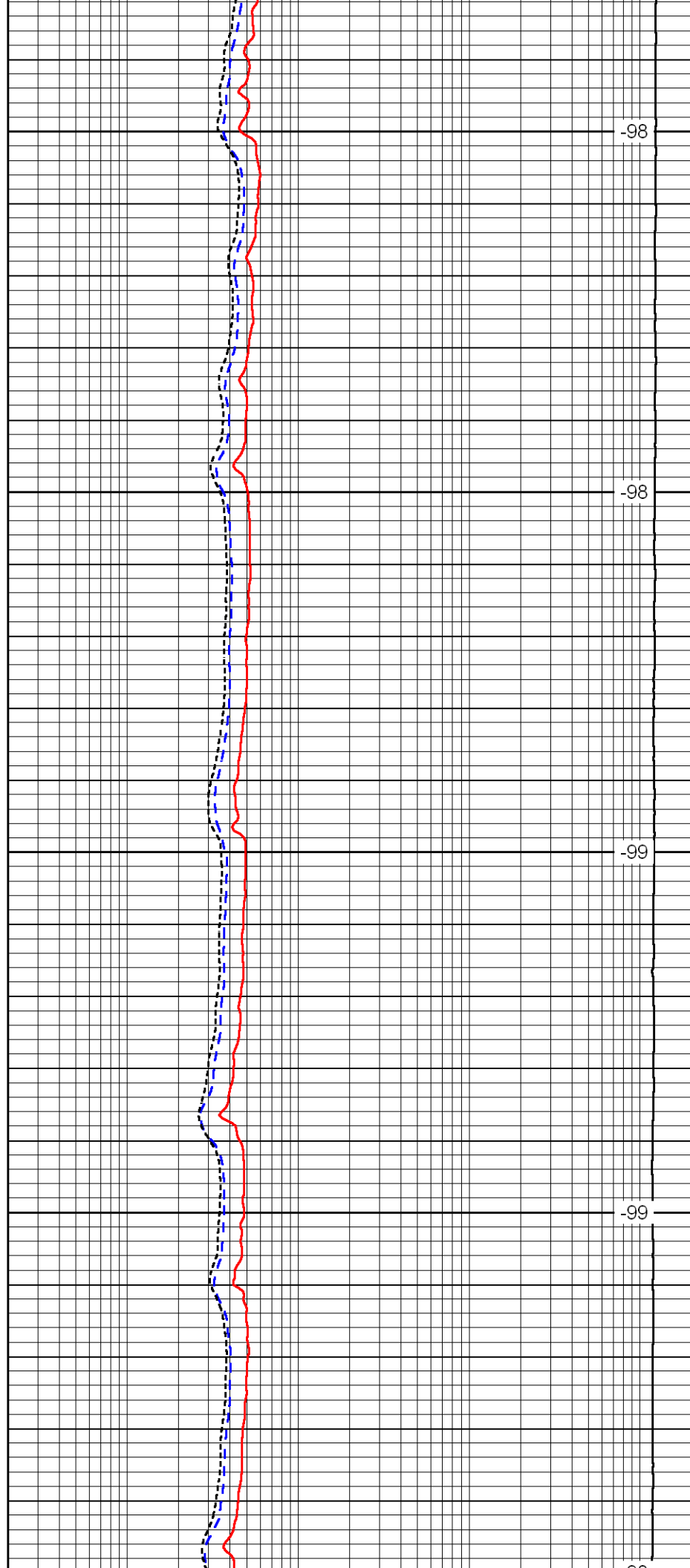
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500

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600

650



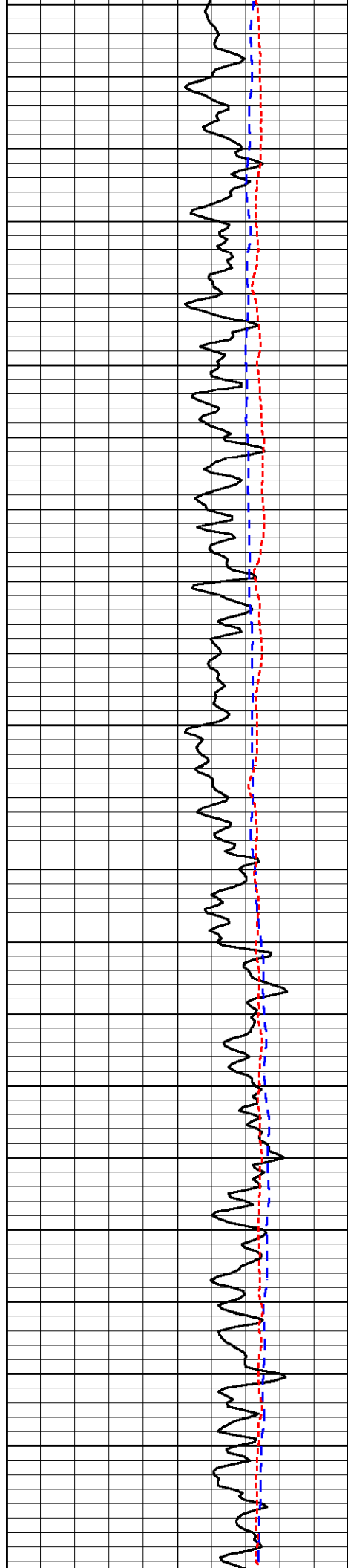
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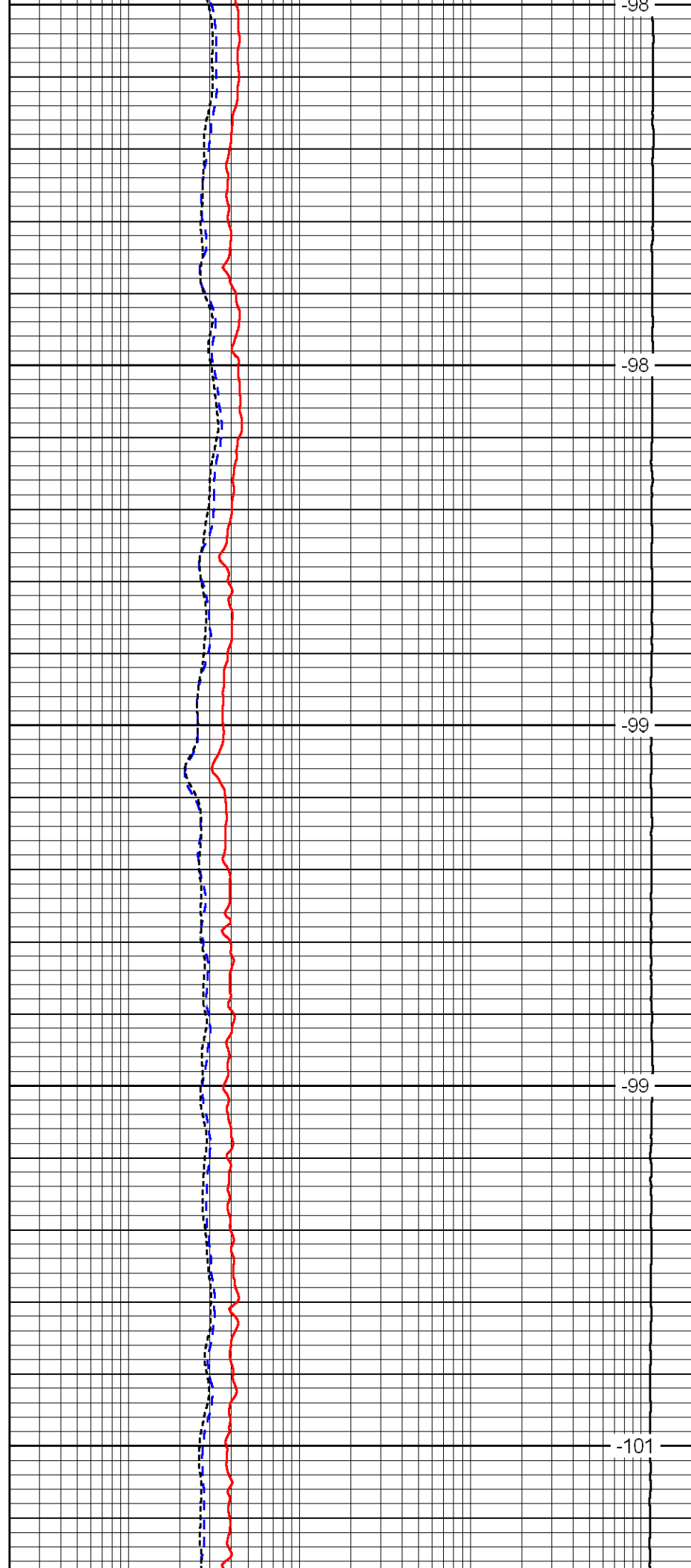
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700

750

800

850



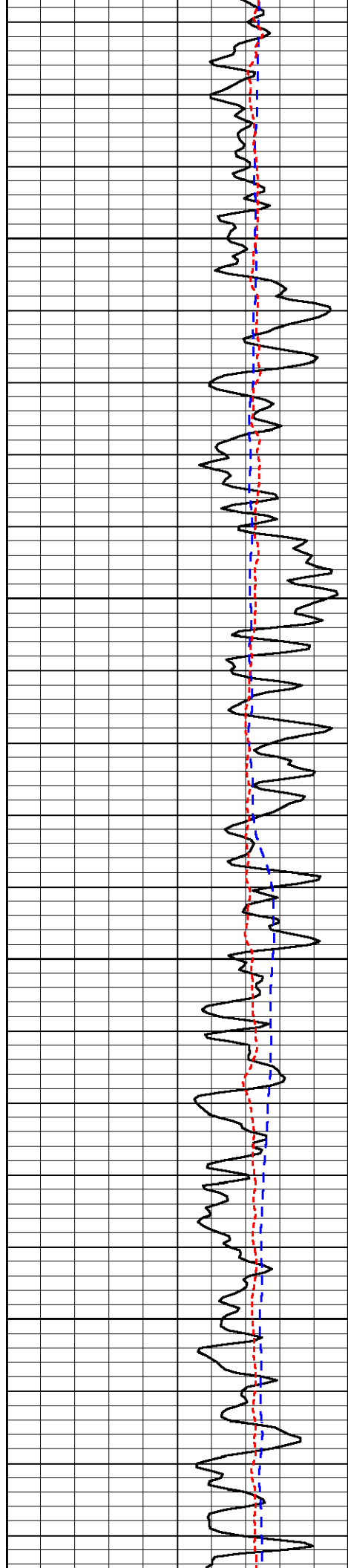
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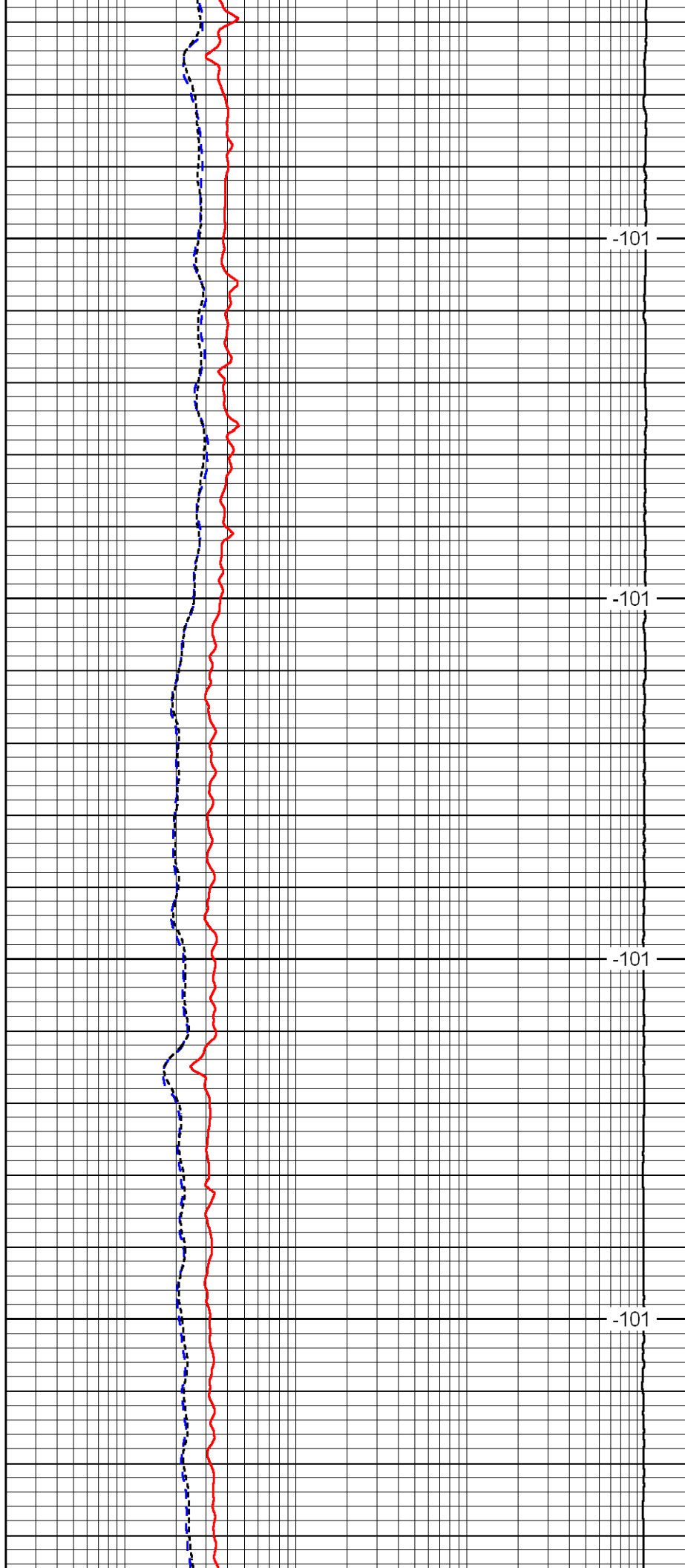


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950

1000

1050

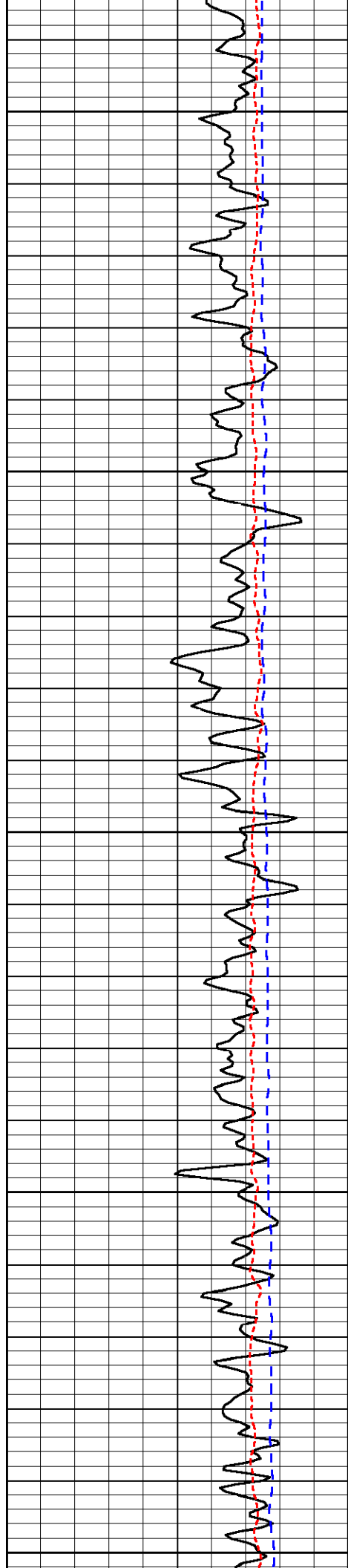


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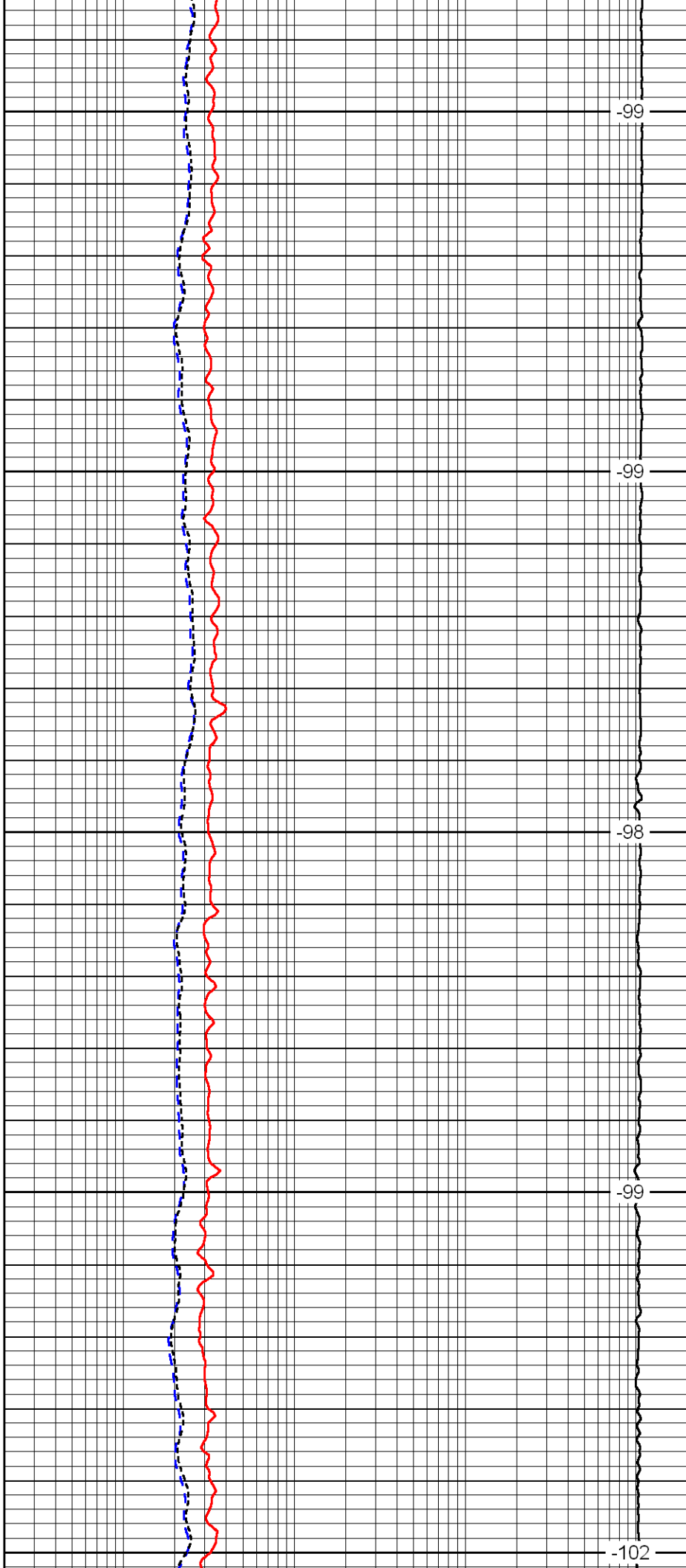
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1150

1200

1250

1300



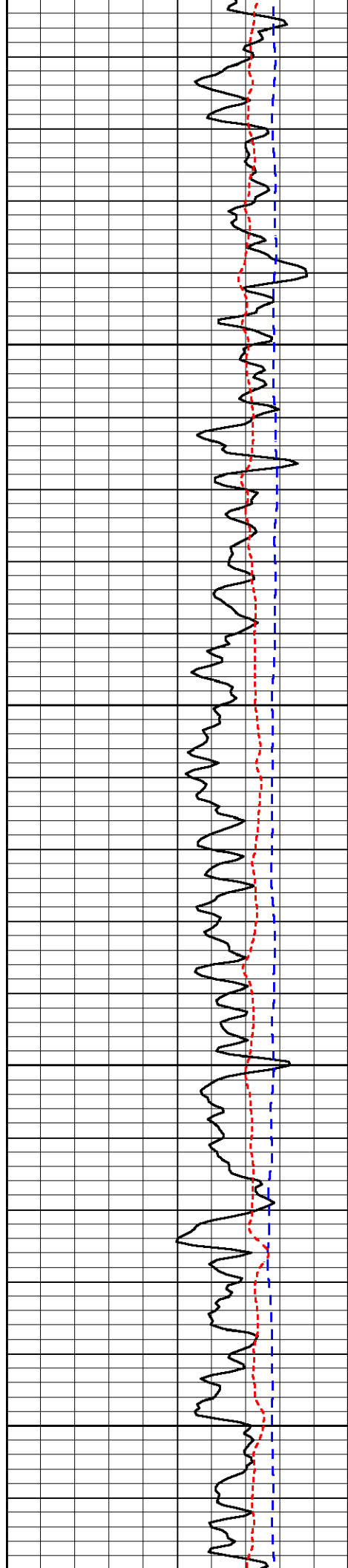
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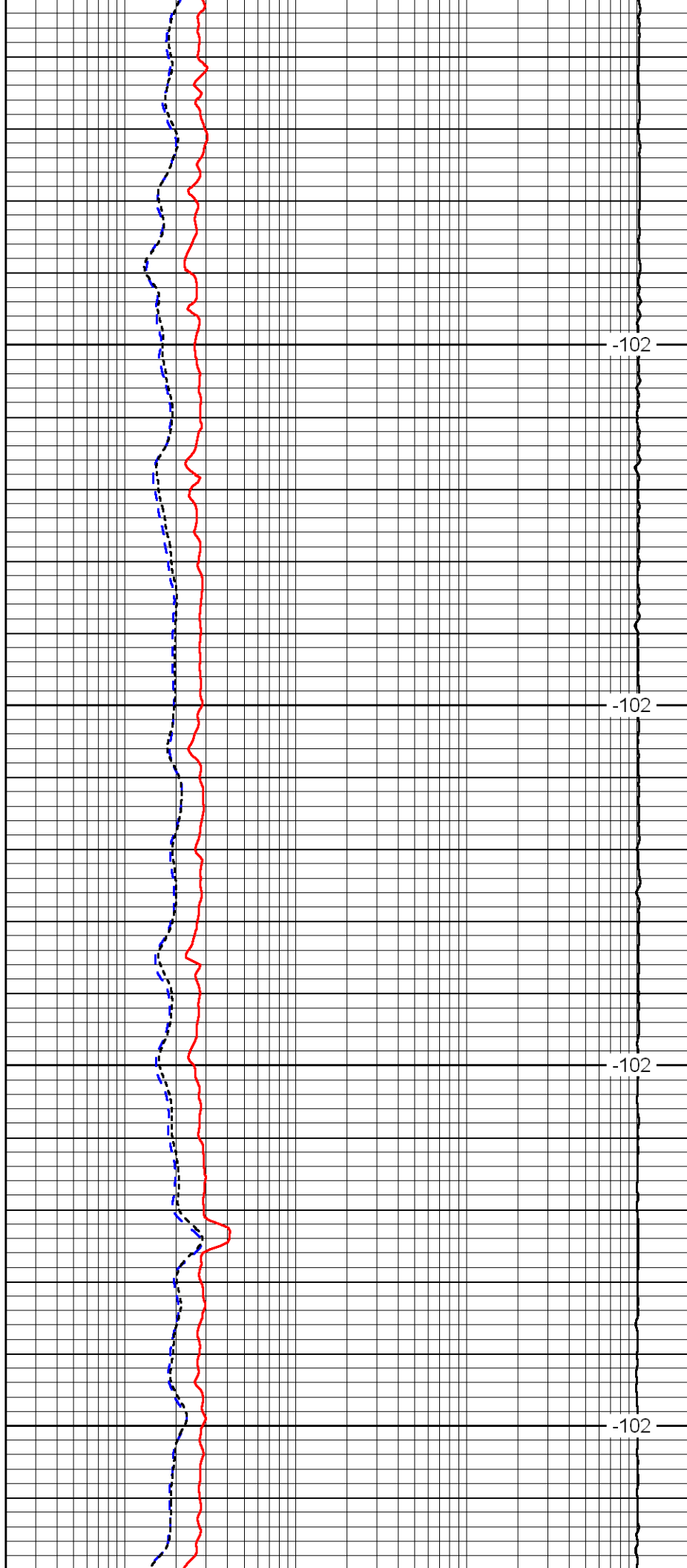


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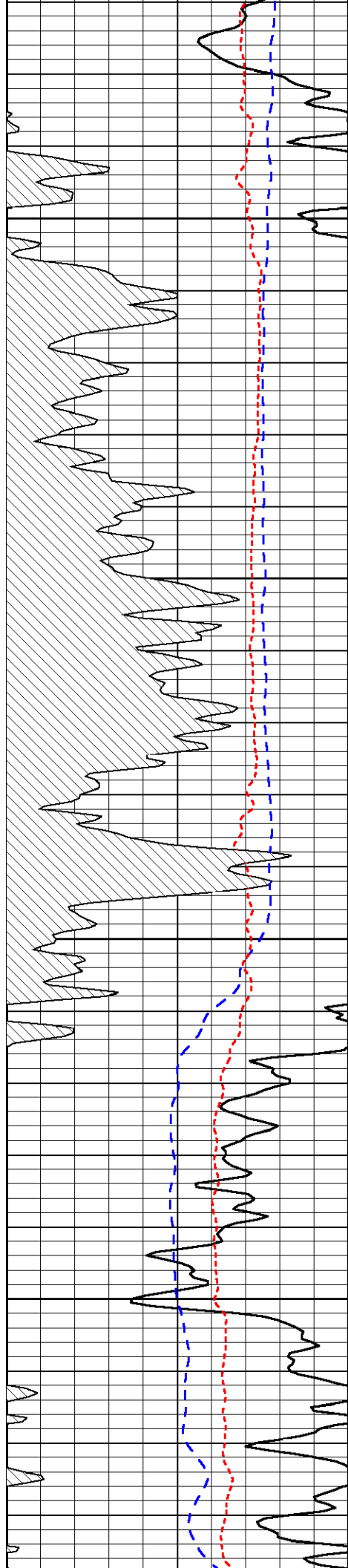


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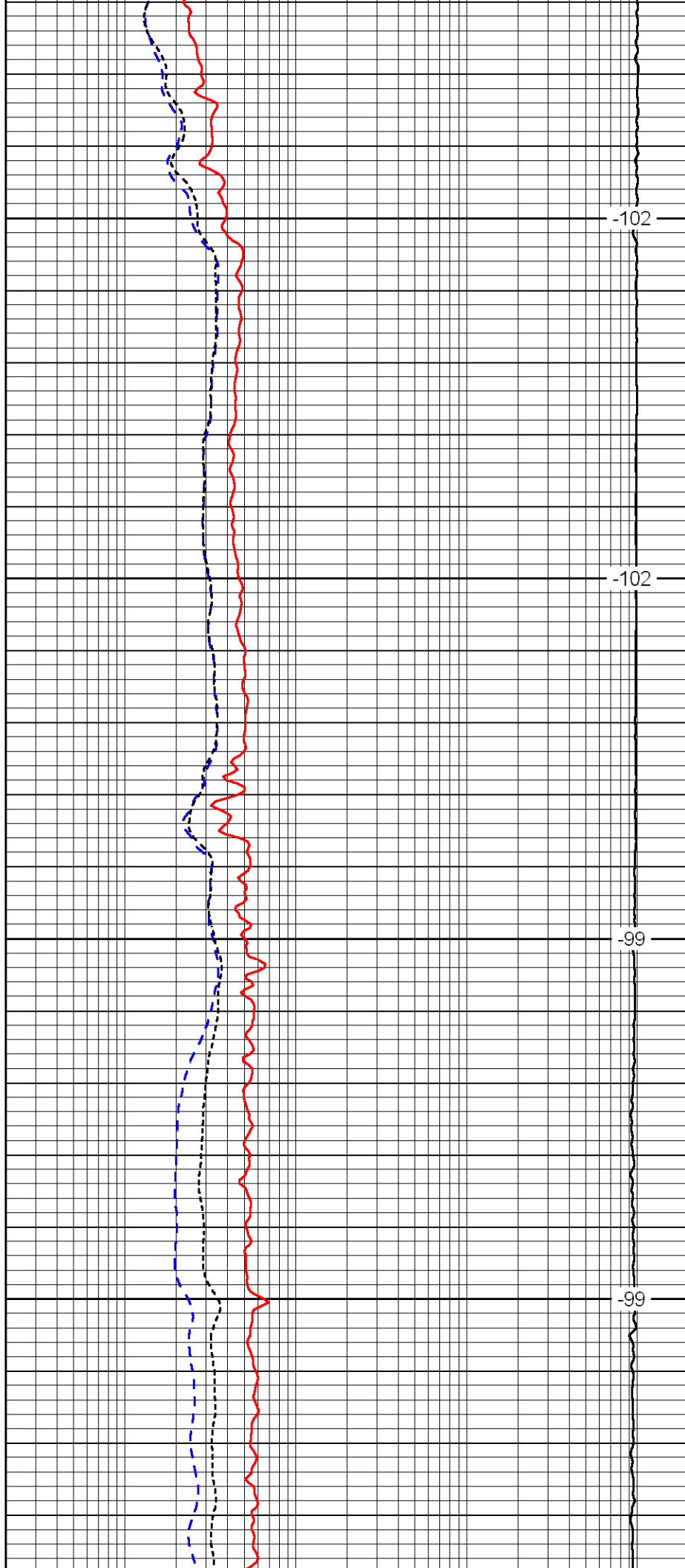


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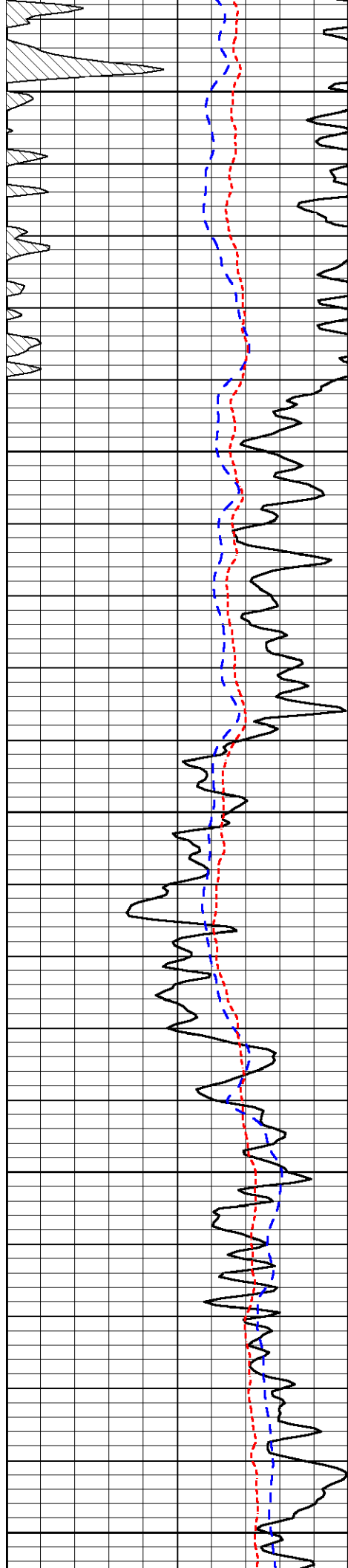


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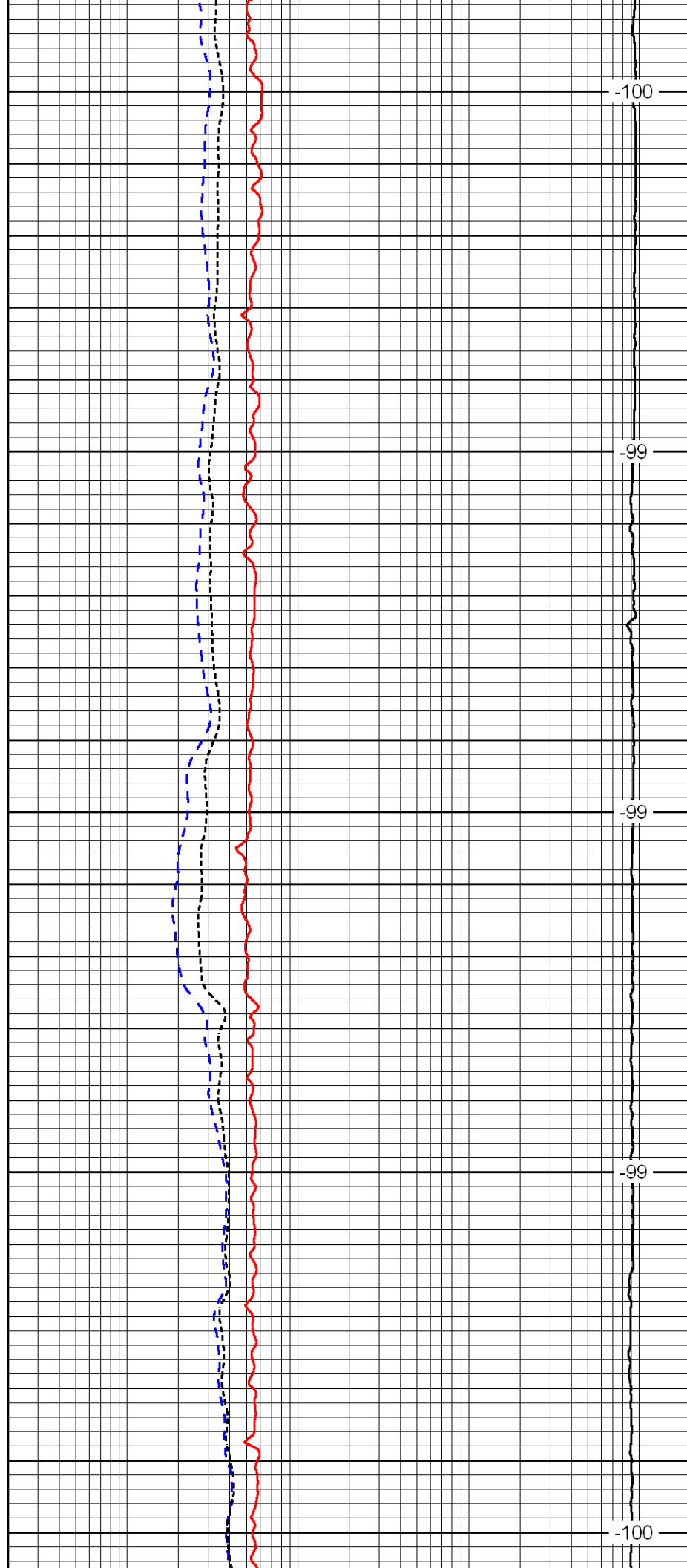
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1900

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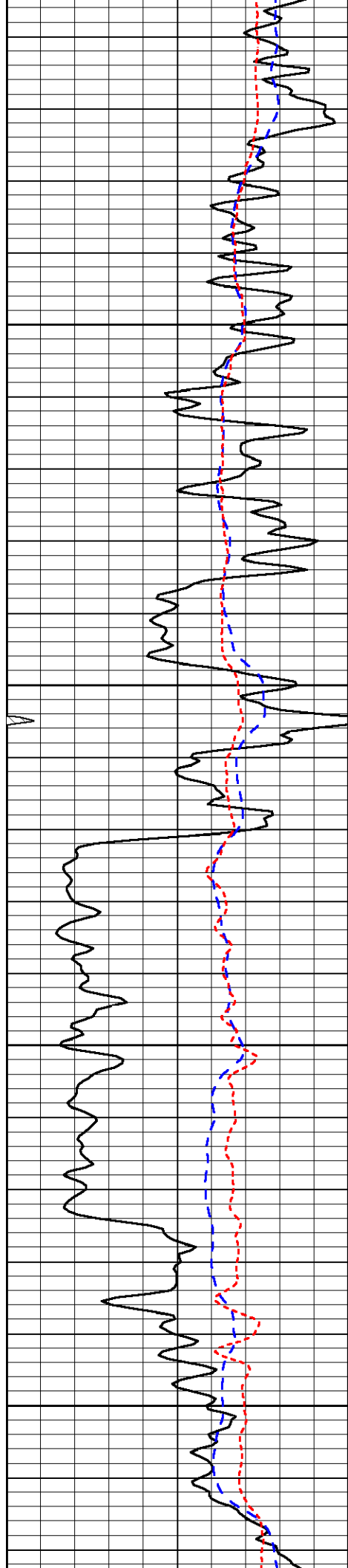
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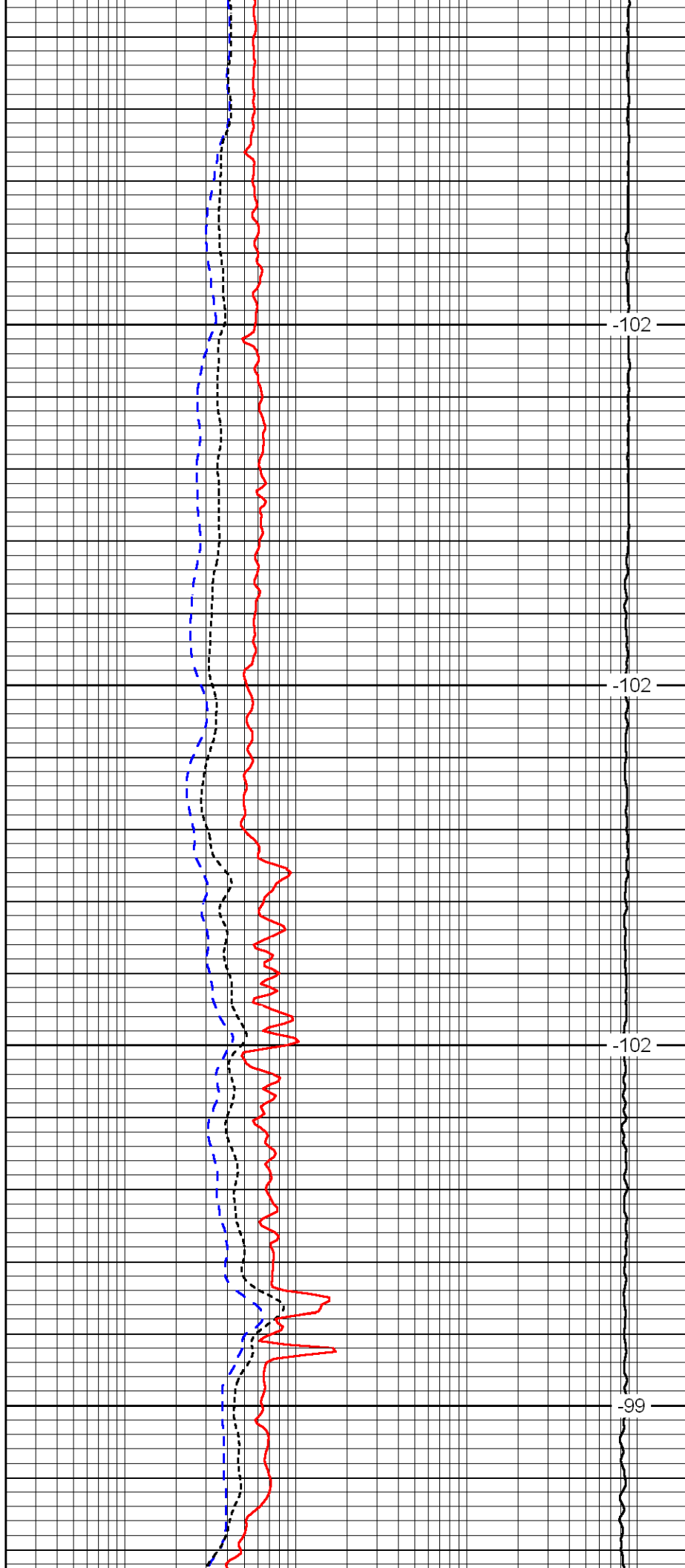


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2050

2100

2150

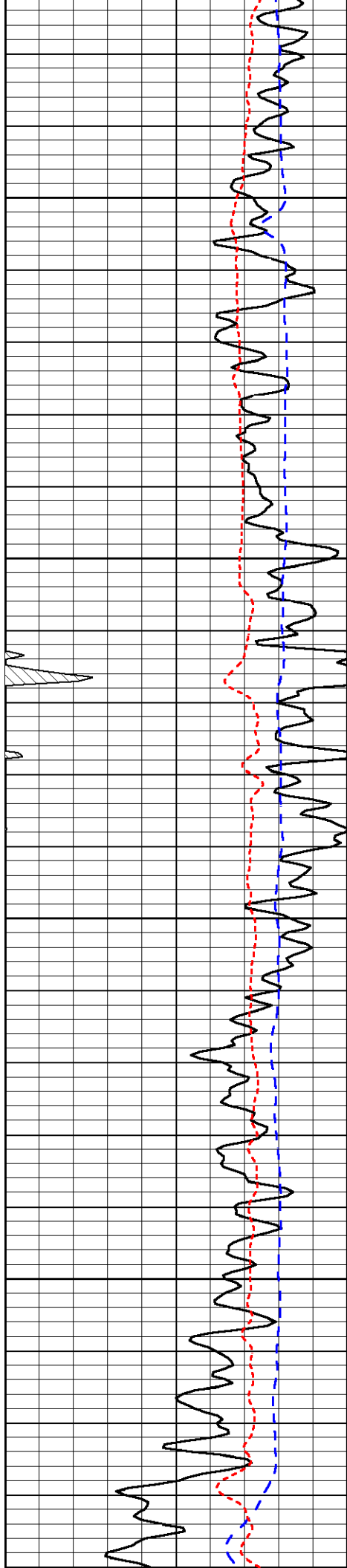


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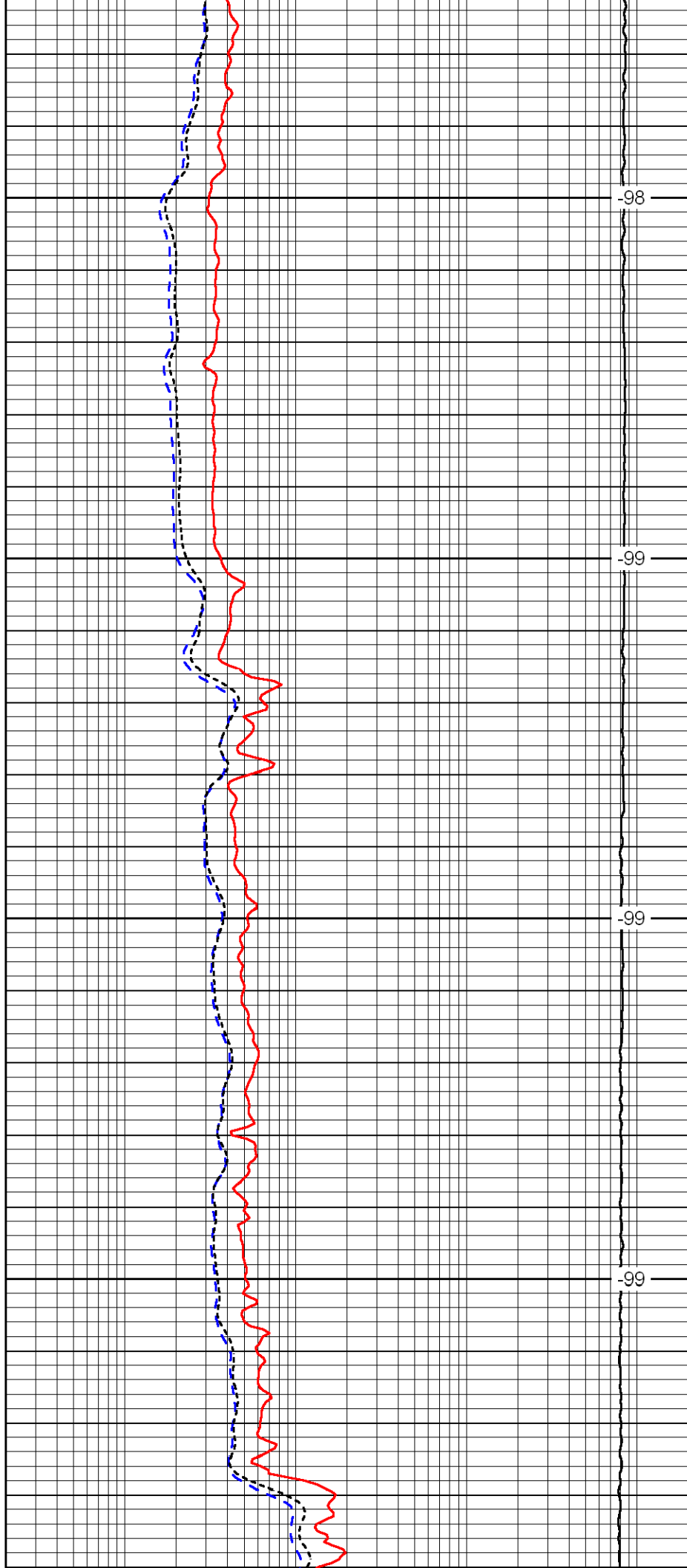


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2250

2300

2350

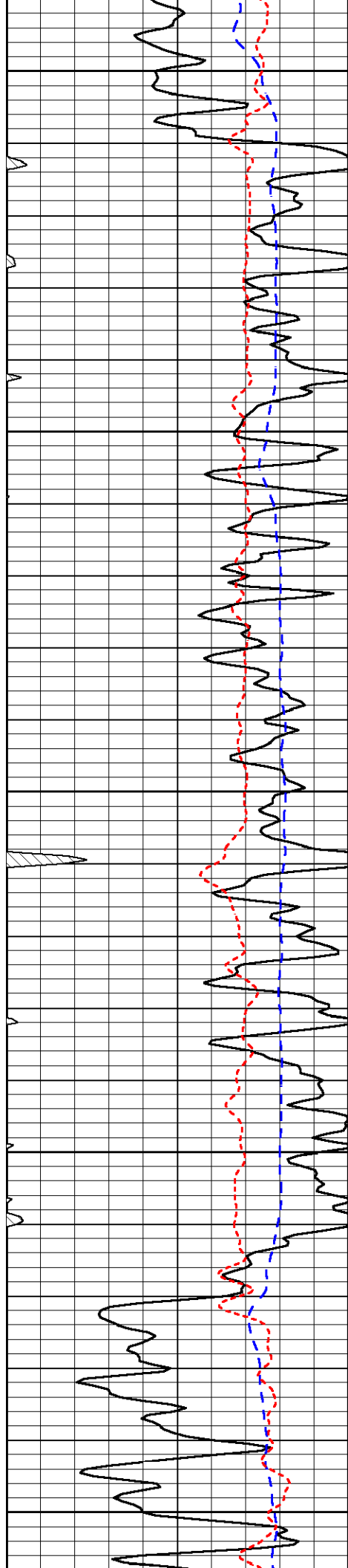


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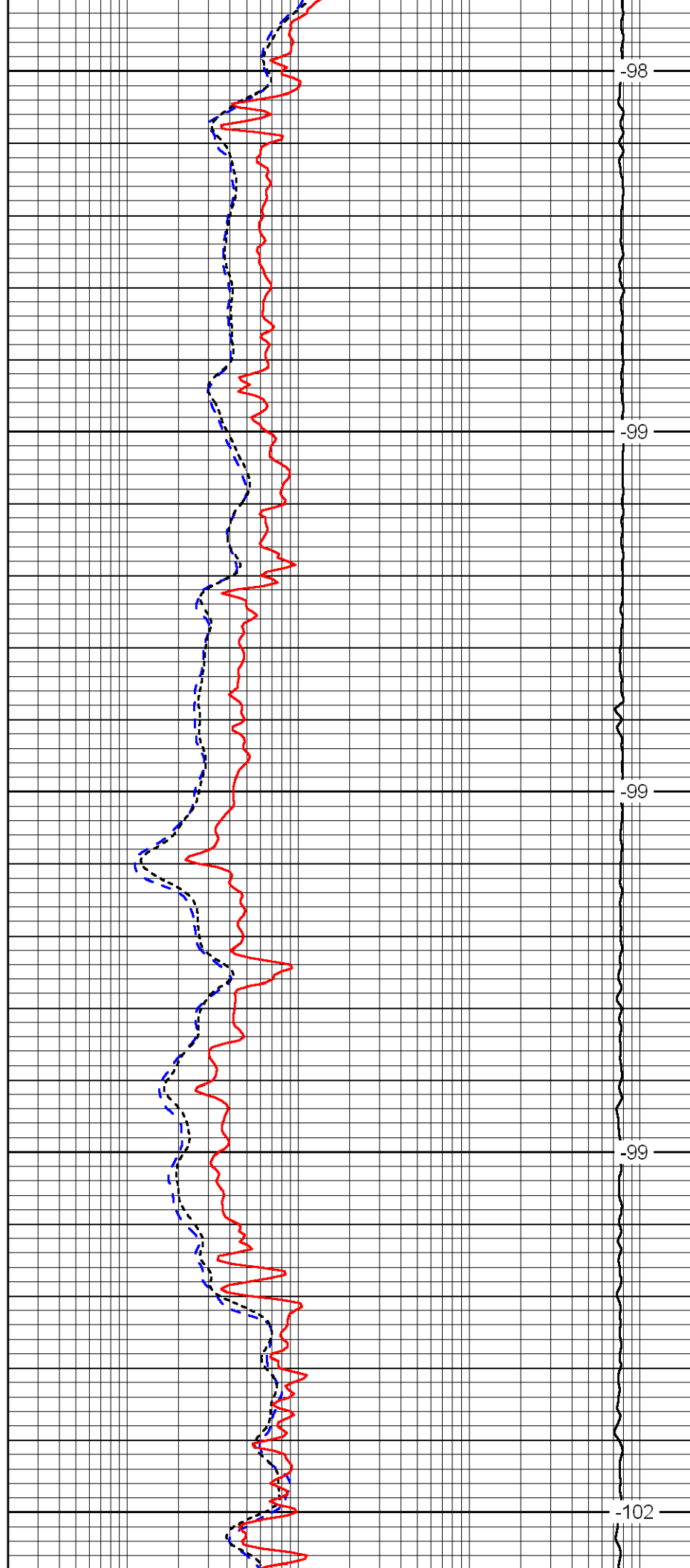
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2550

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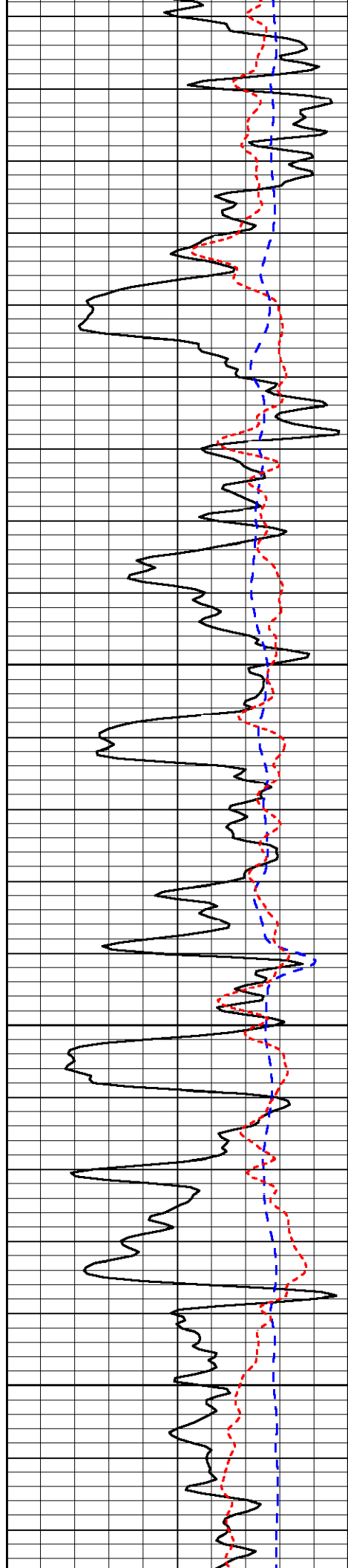
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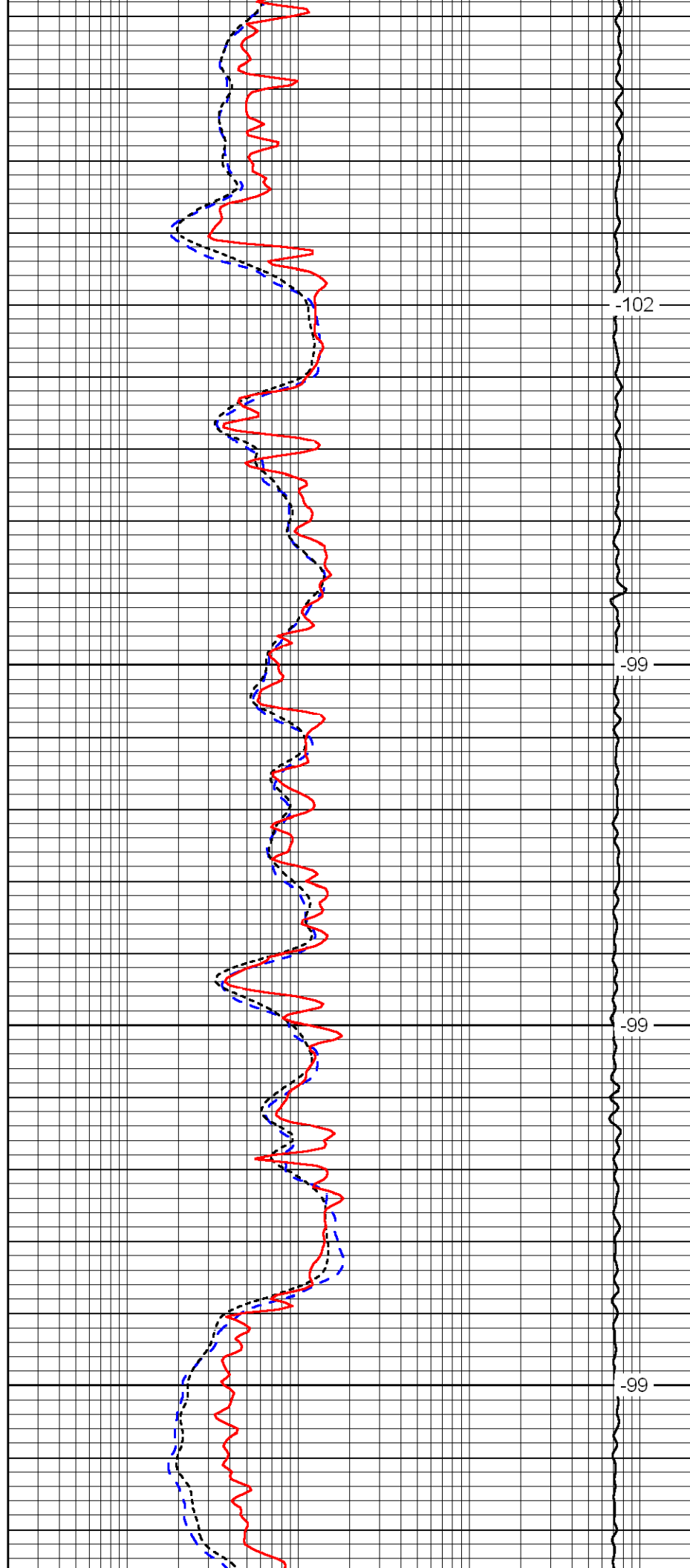


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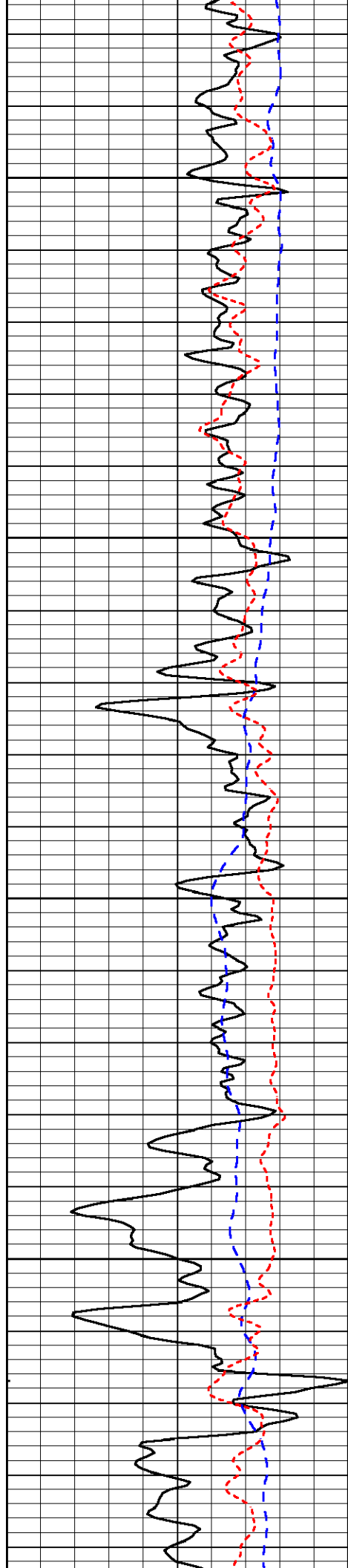


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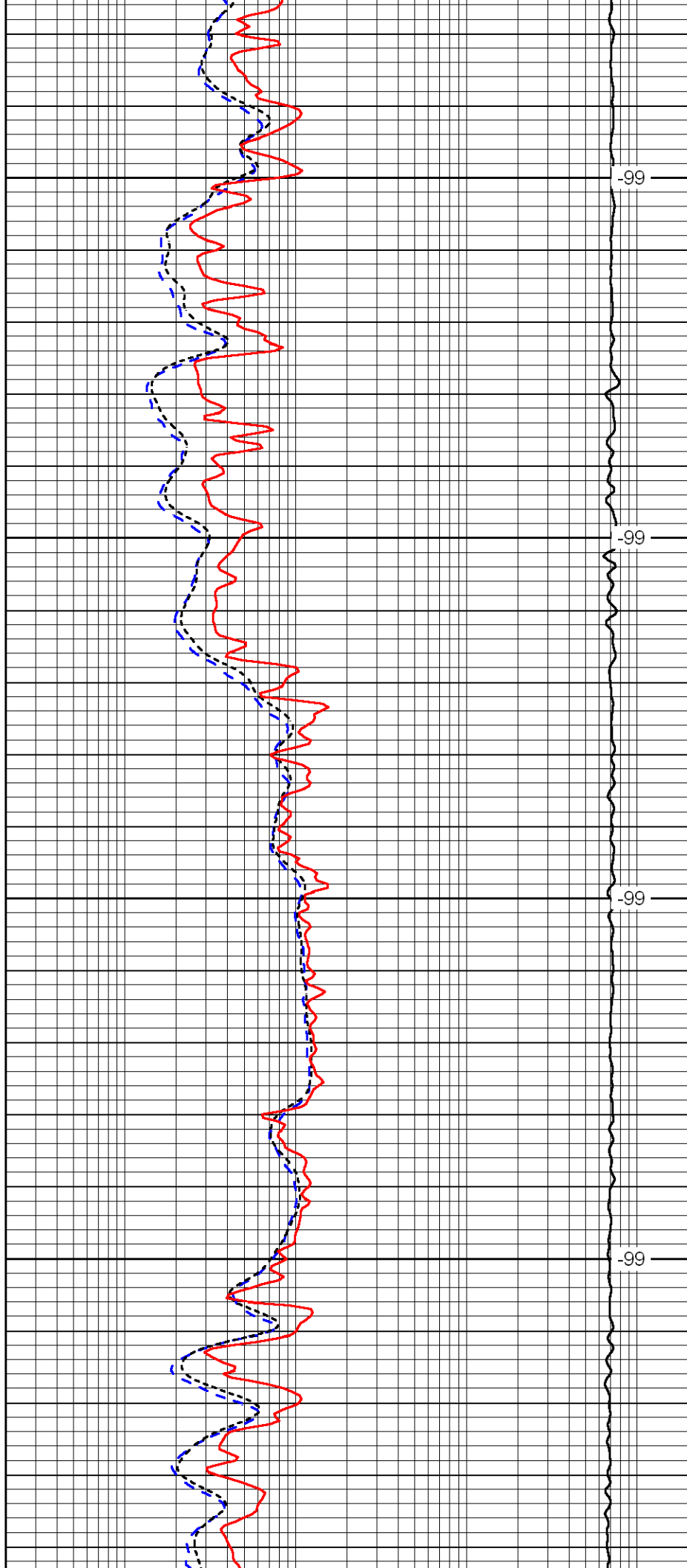


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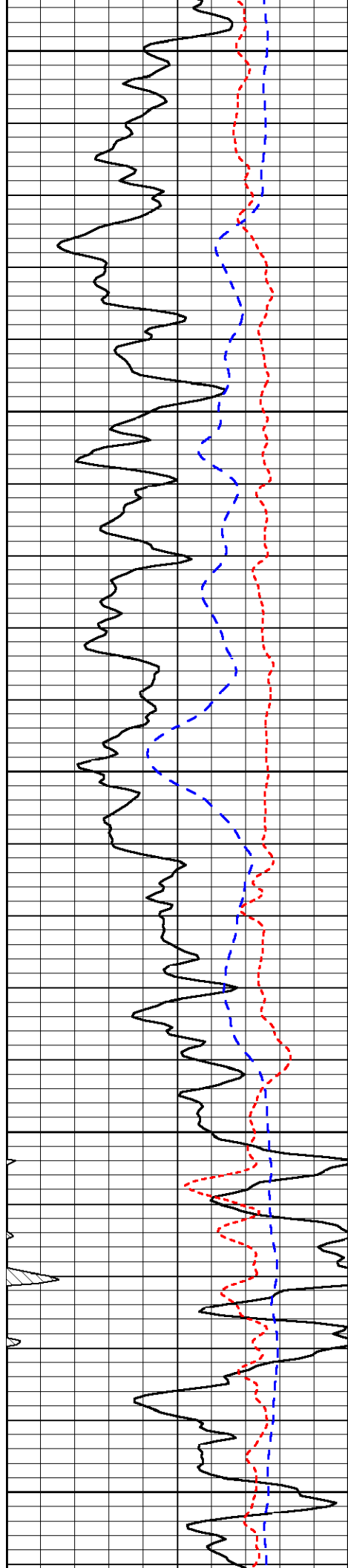


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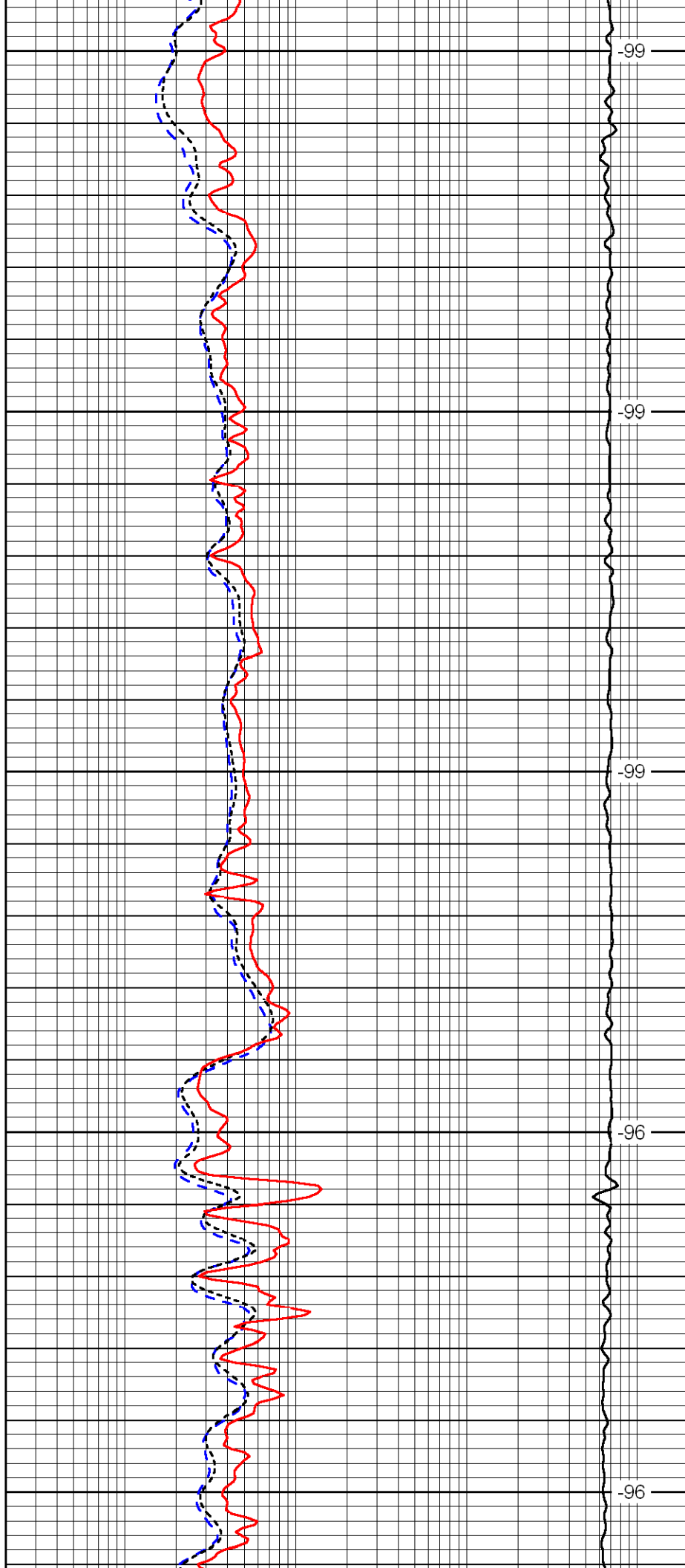
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3150

3200

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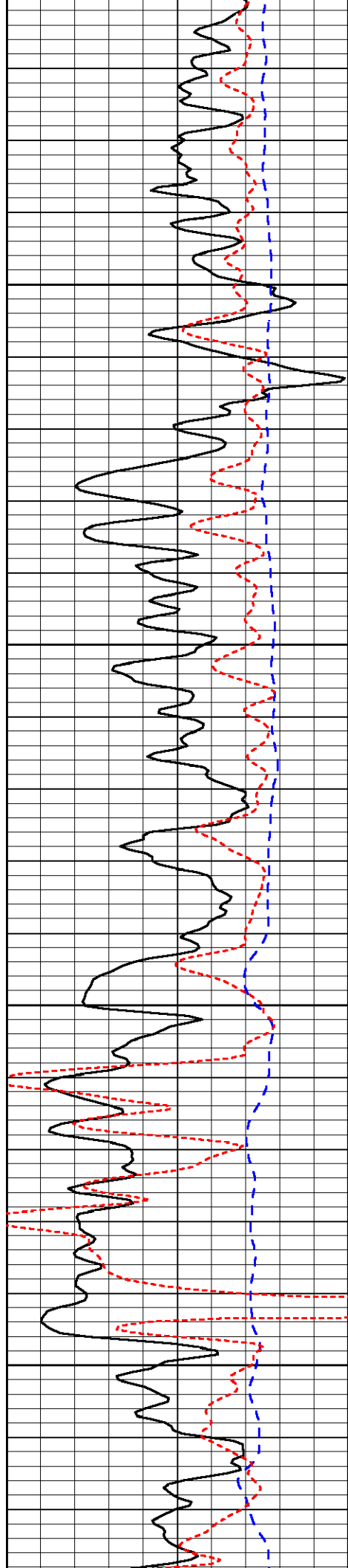
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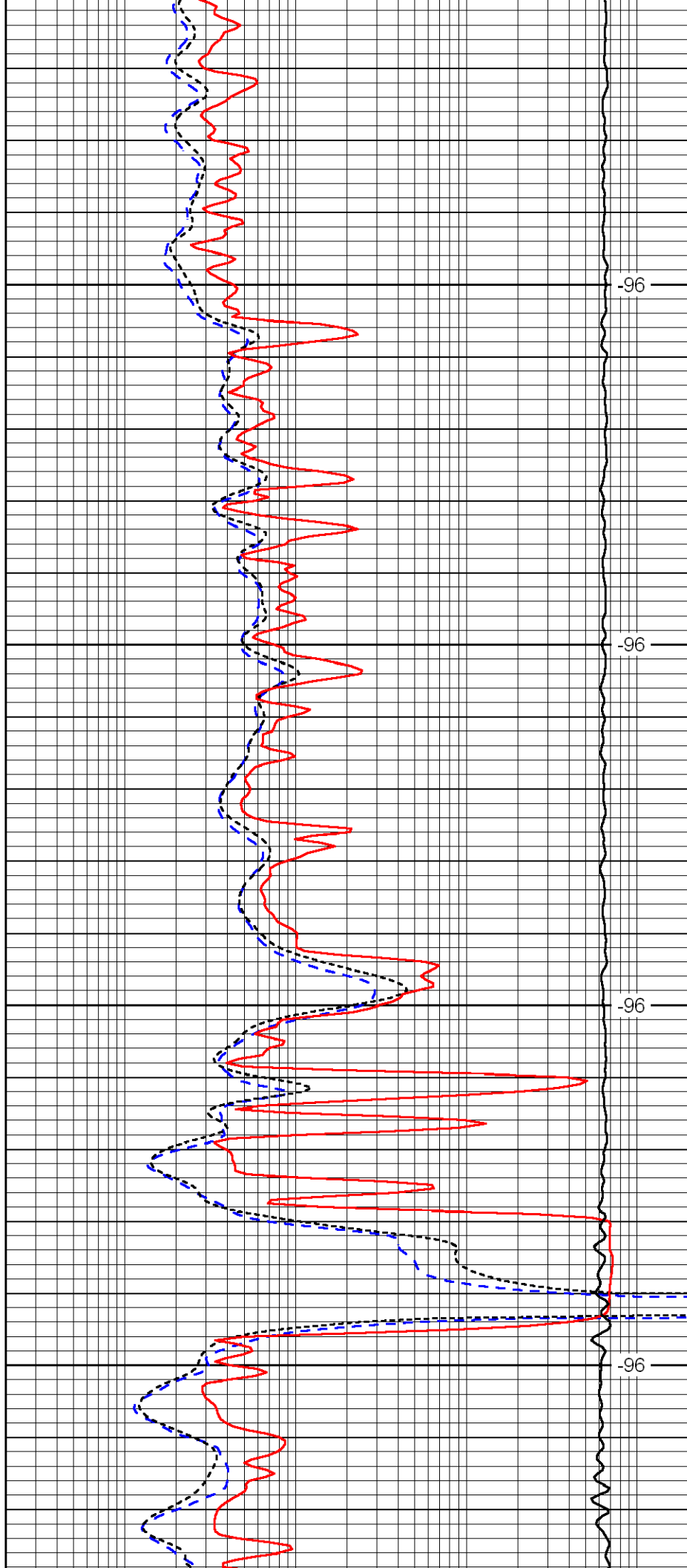


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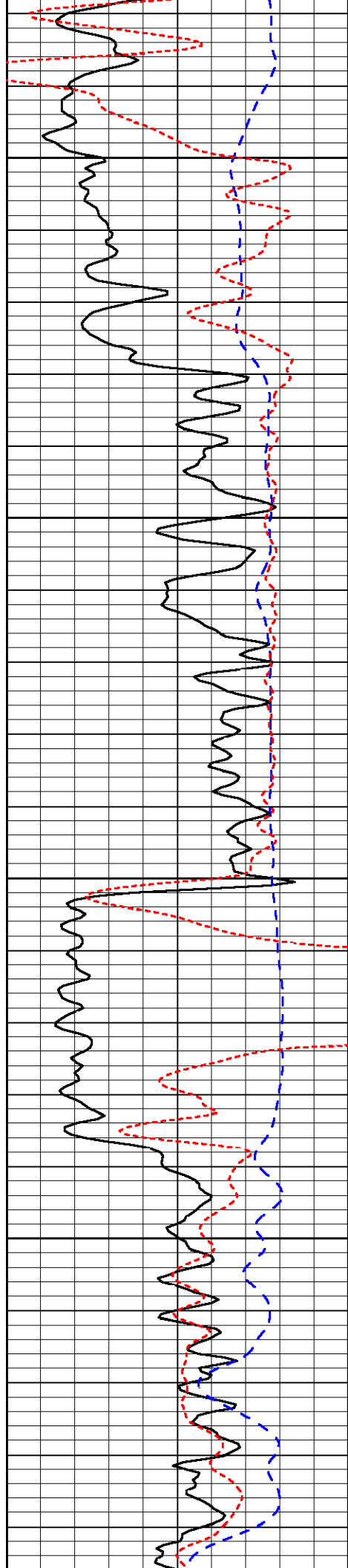


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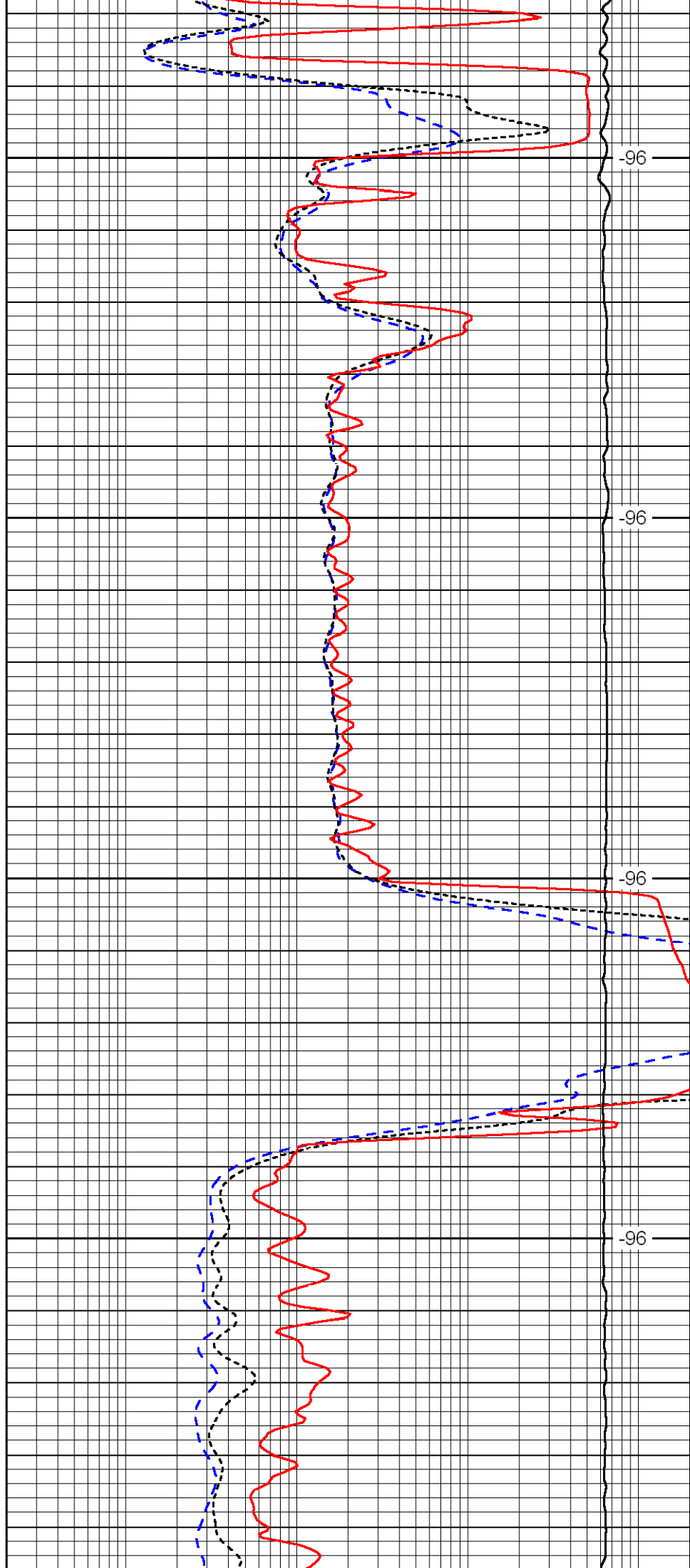


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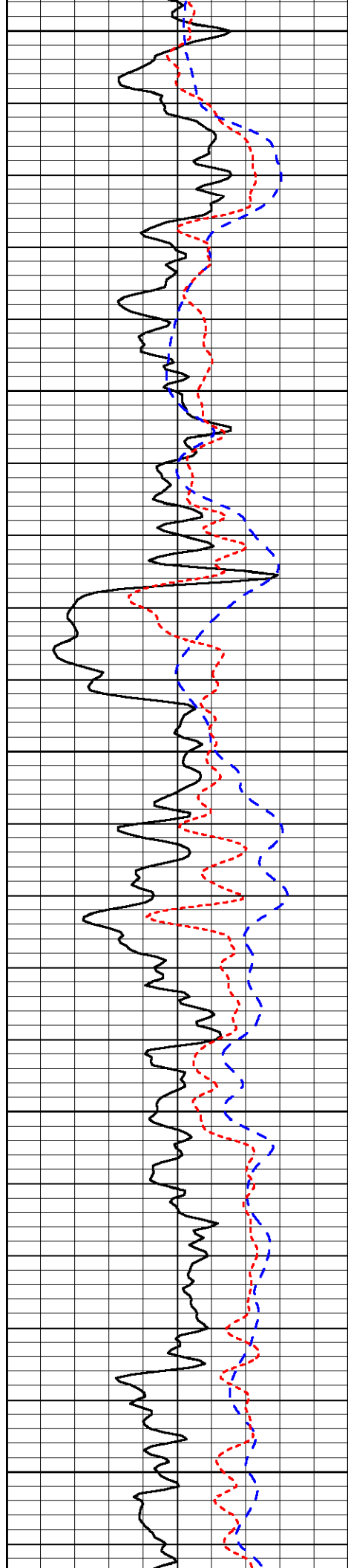


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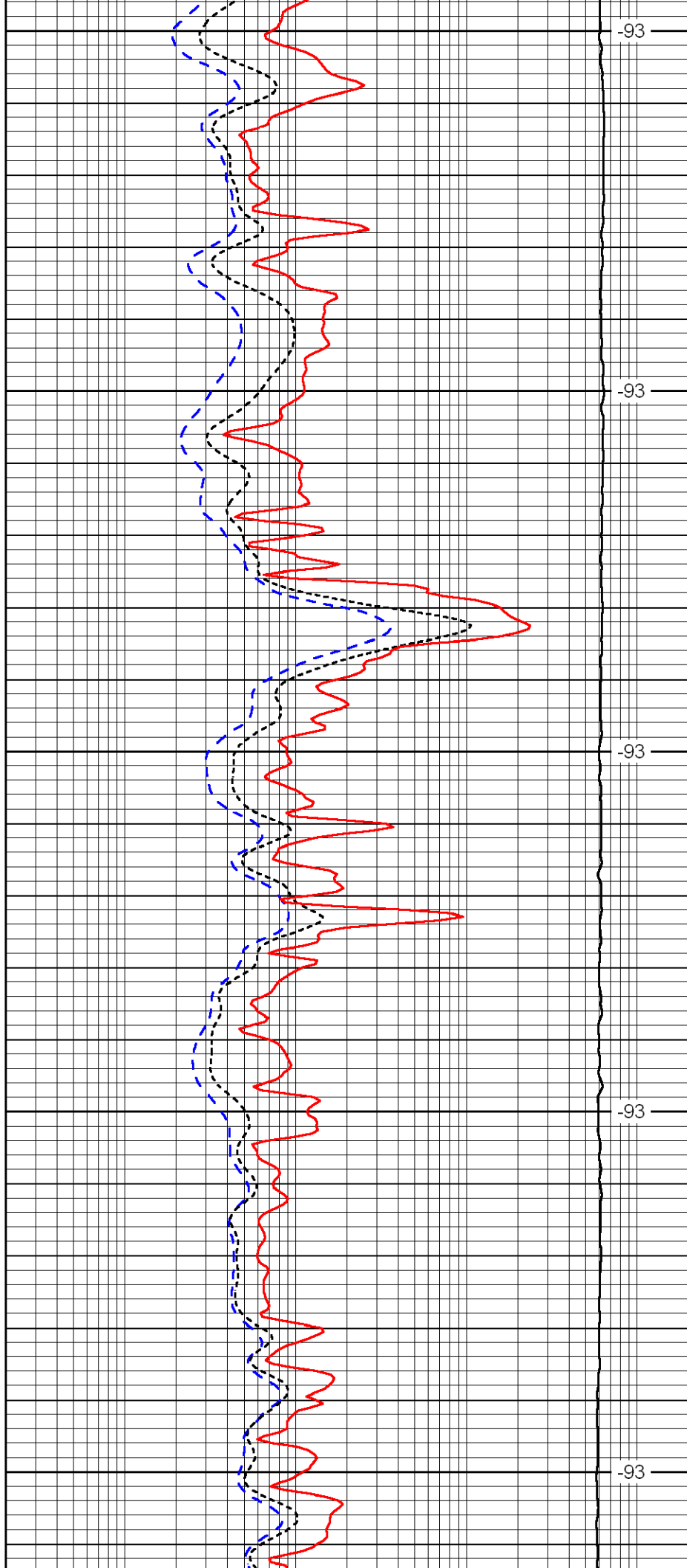
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3800

3850

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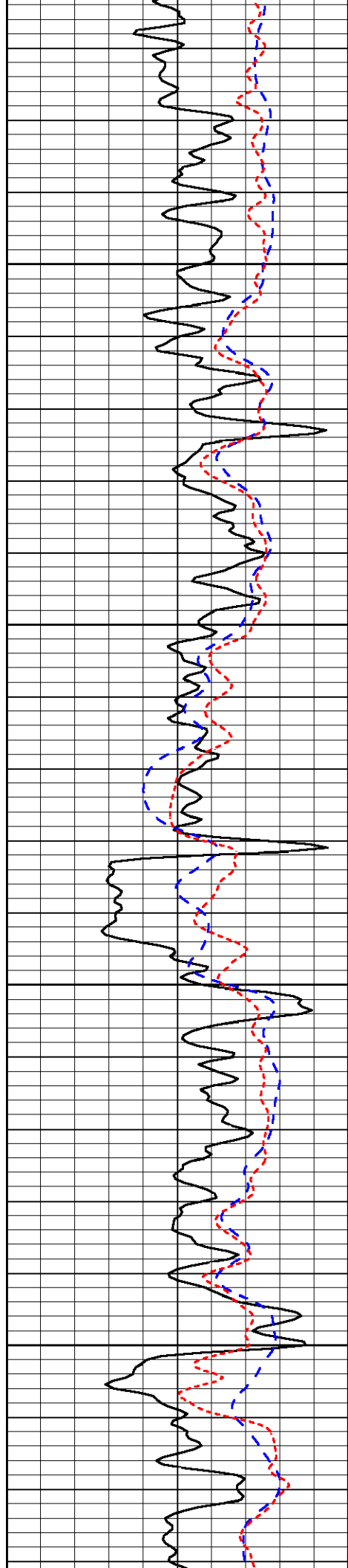
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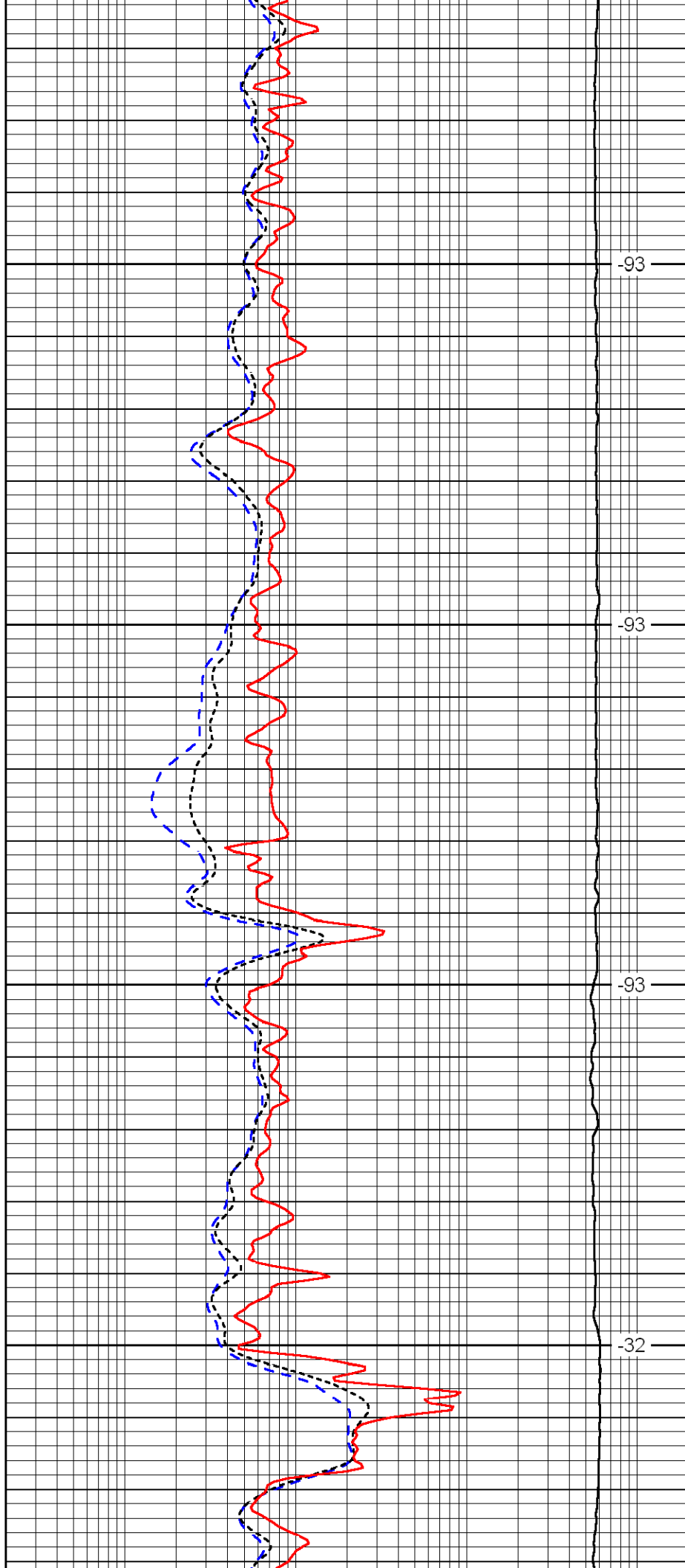


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4050

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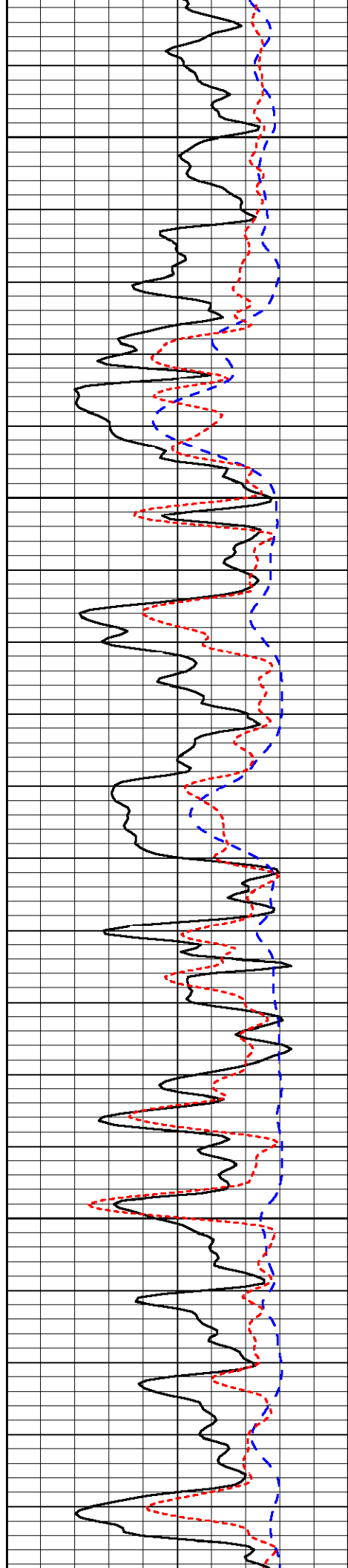


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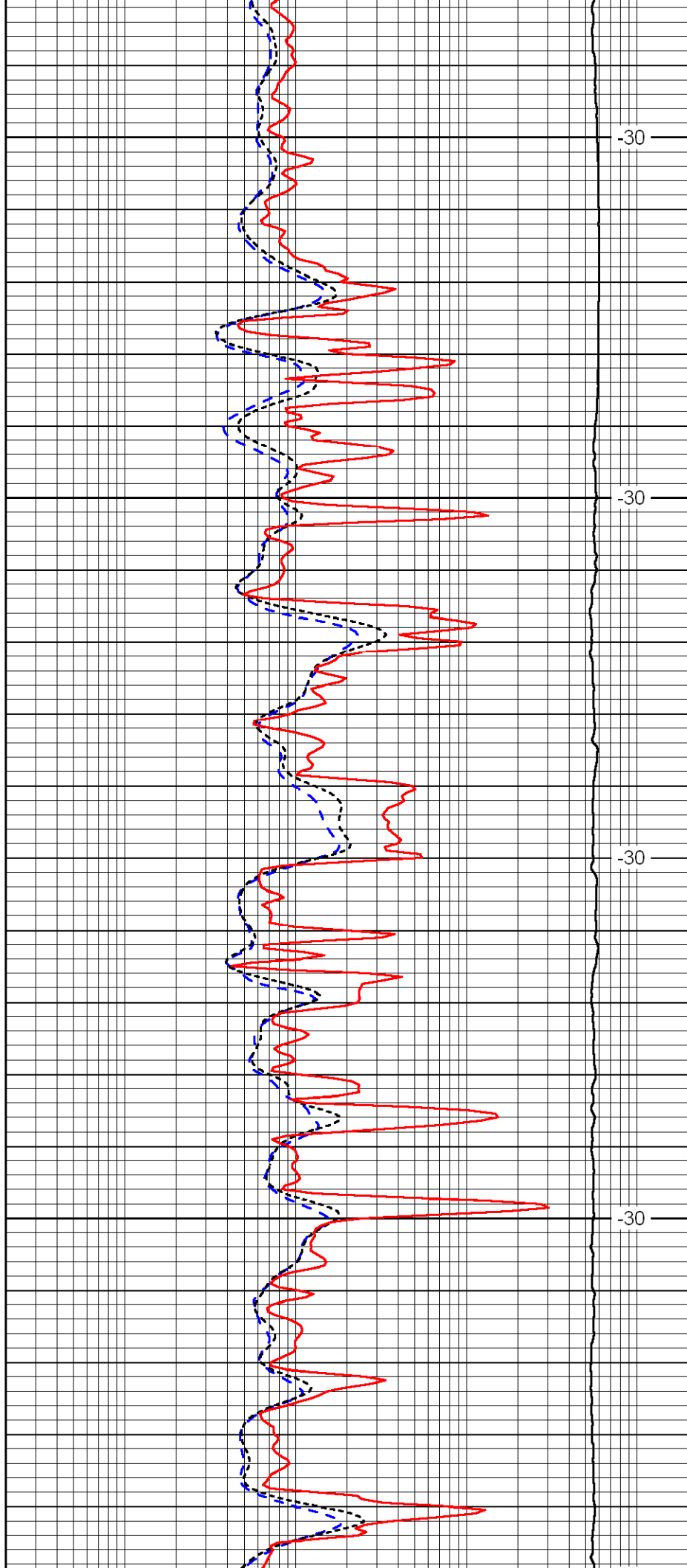


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4200

4250

4300

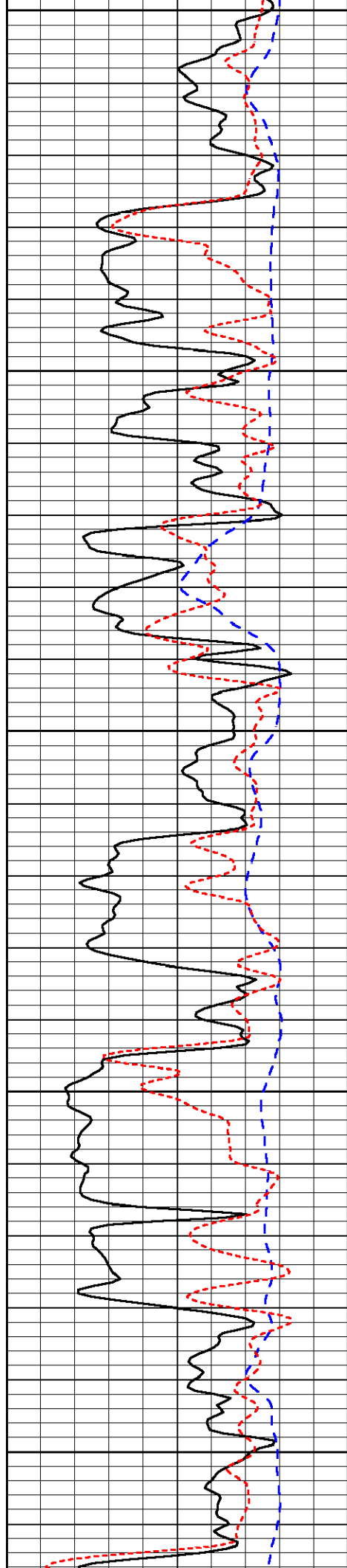


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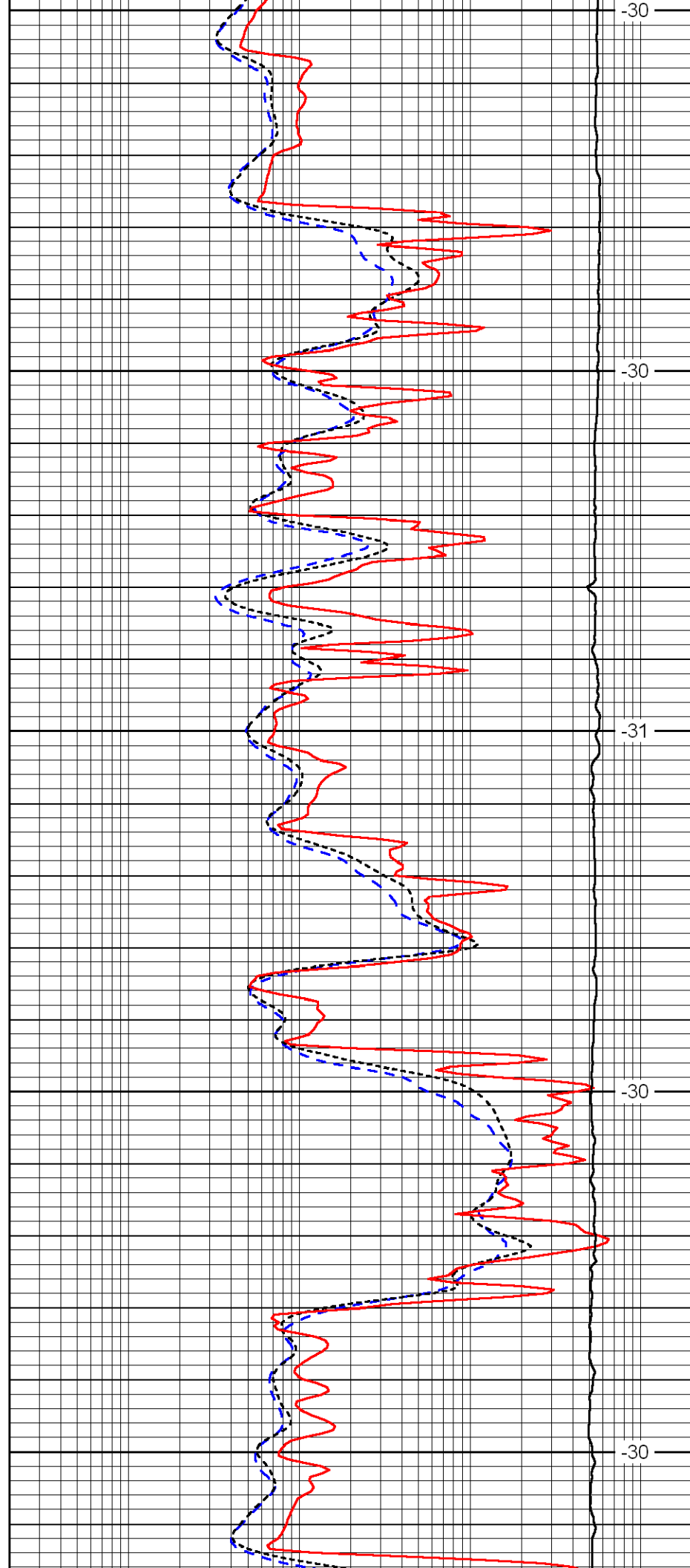
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4500

4550



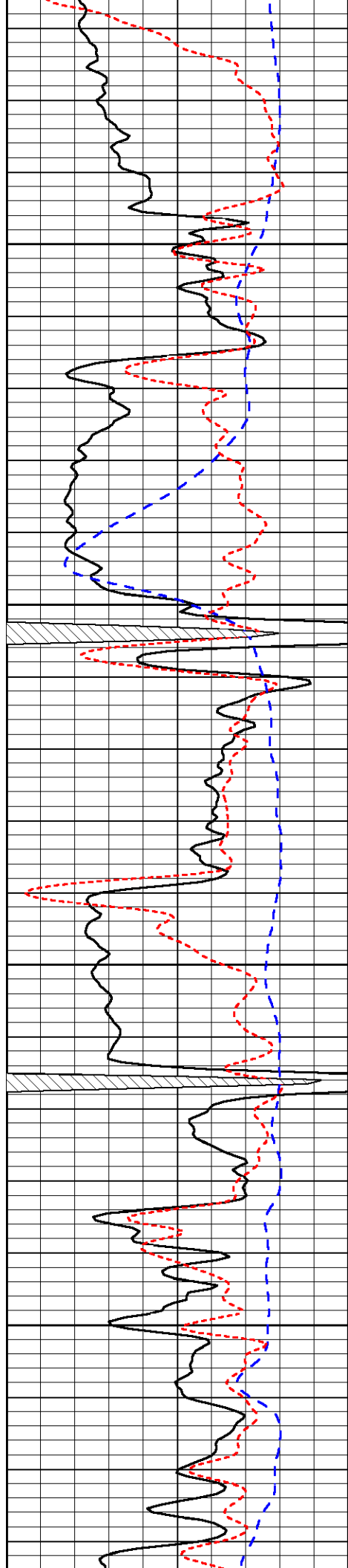
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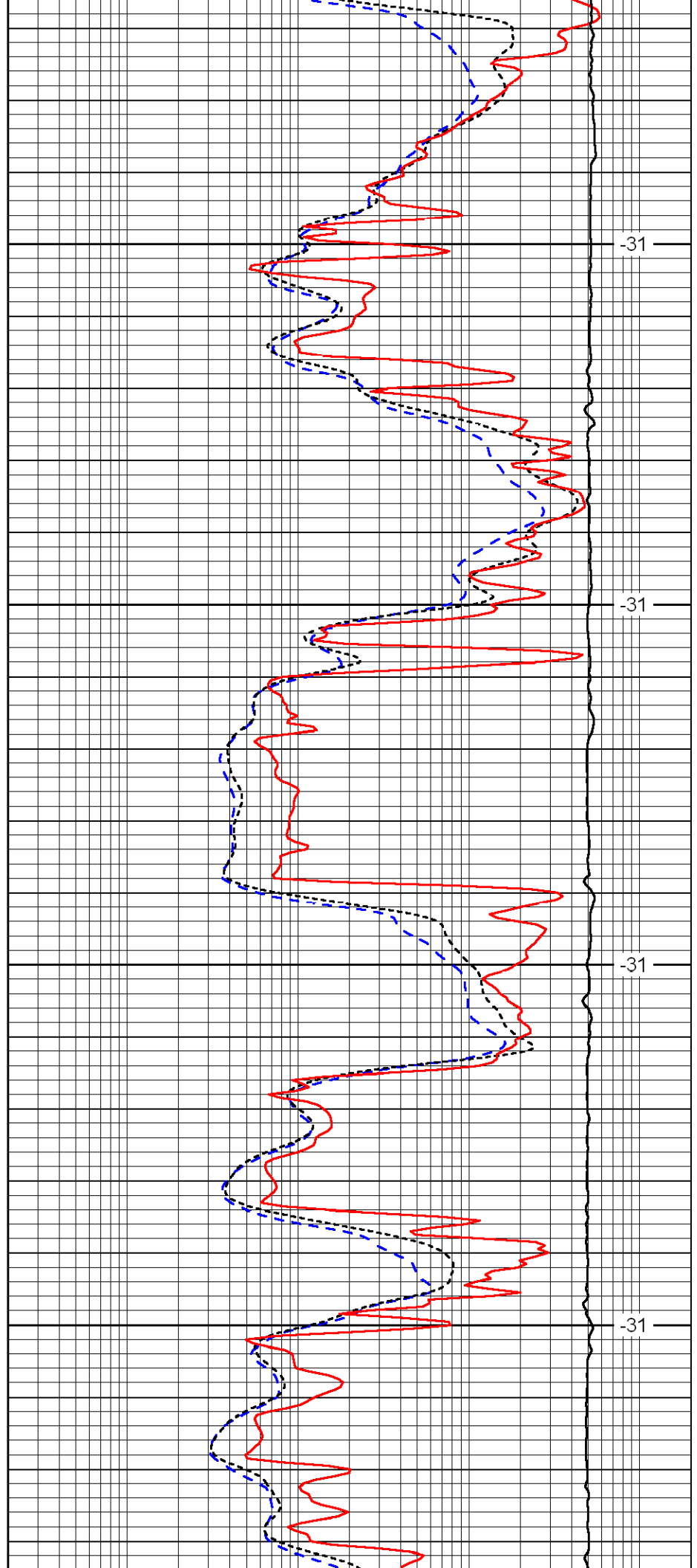


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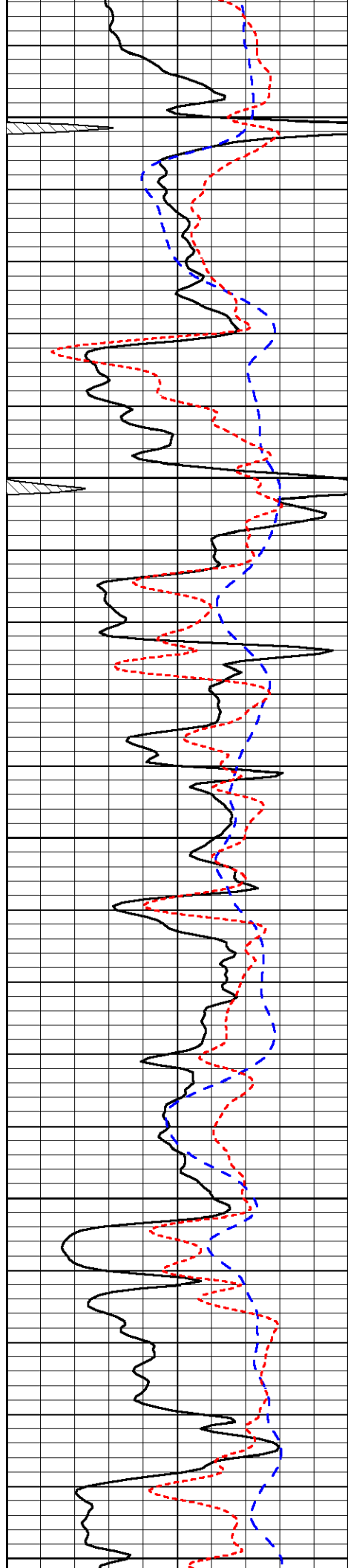


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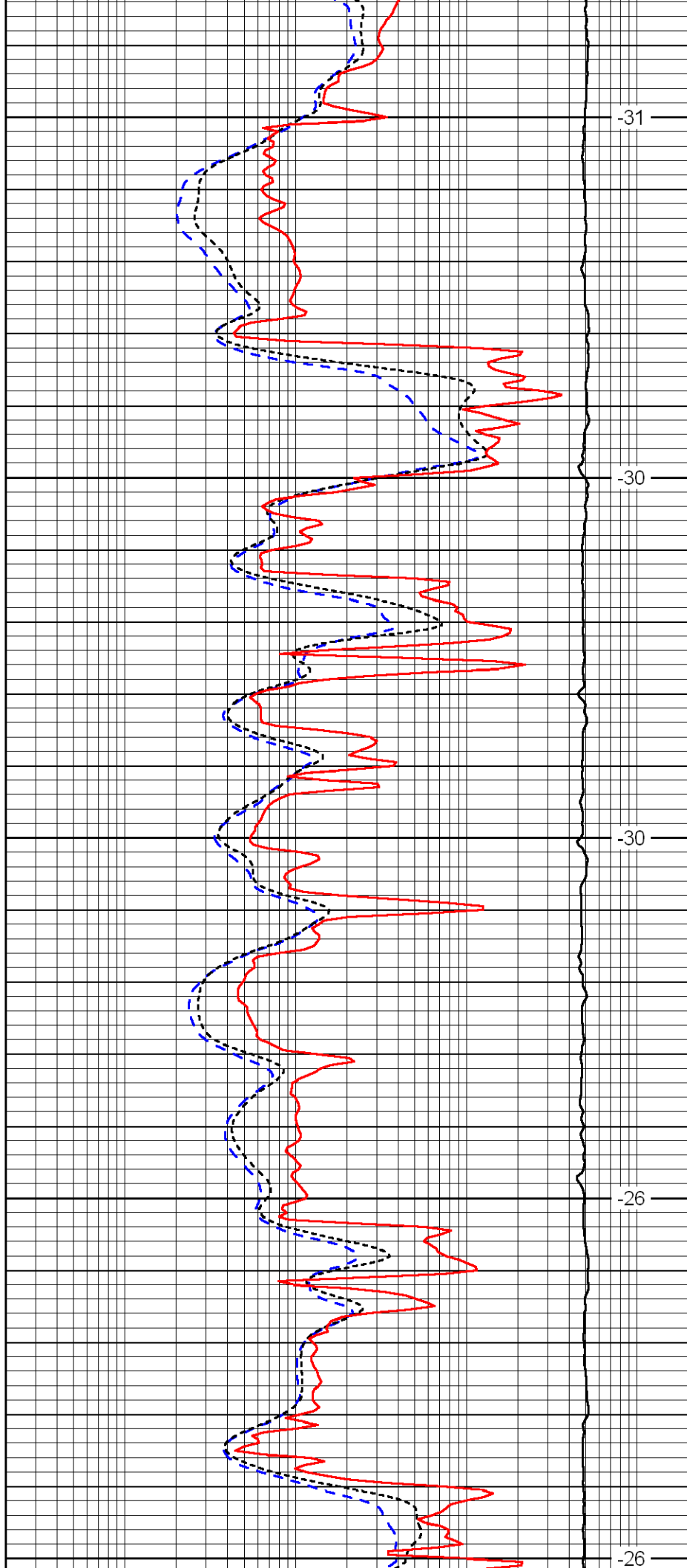
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4950

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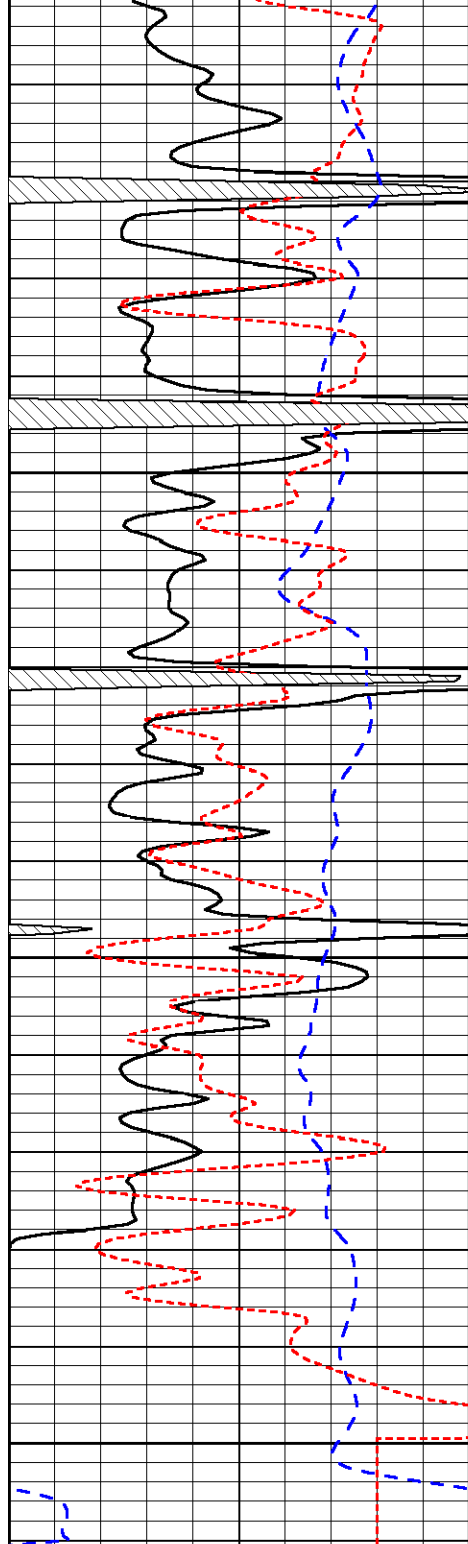
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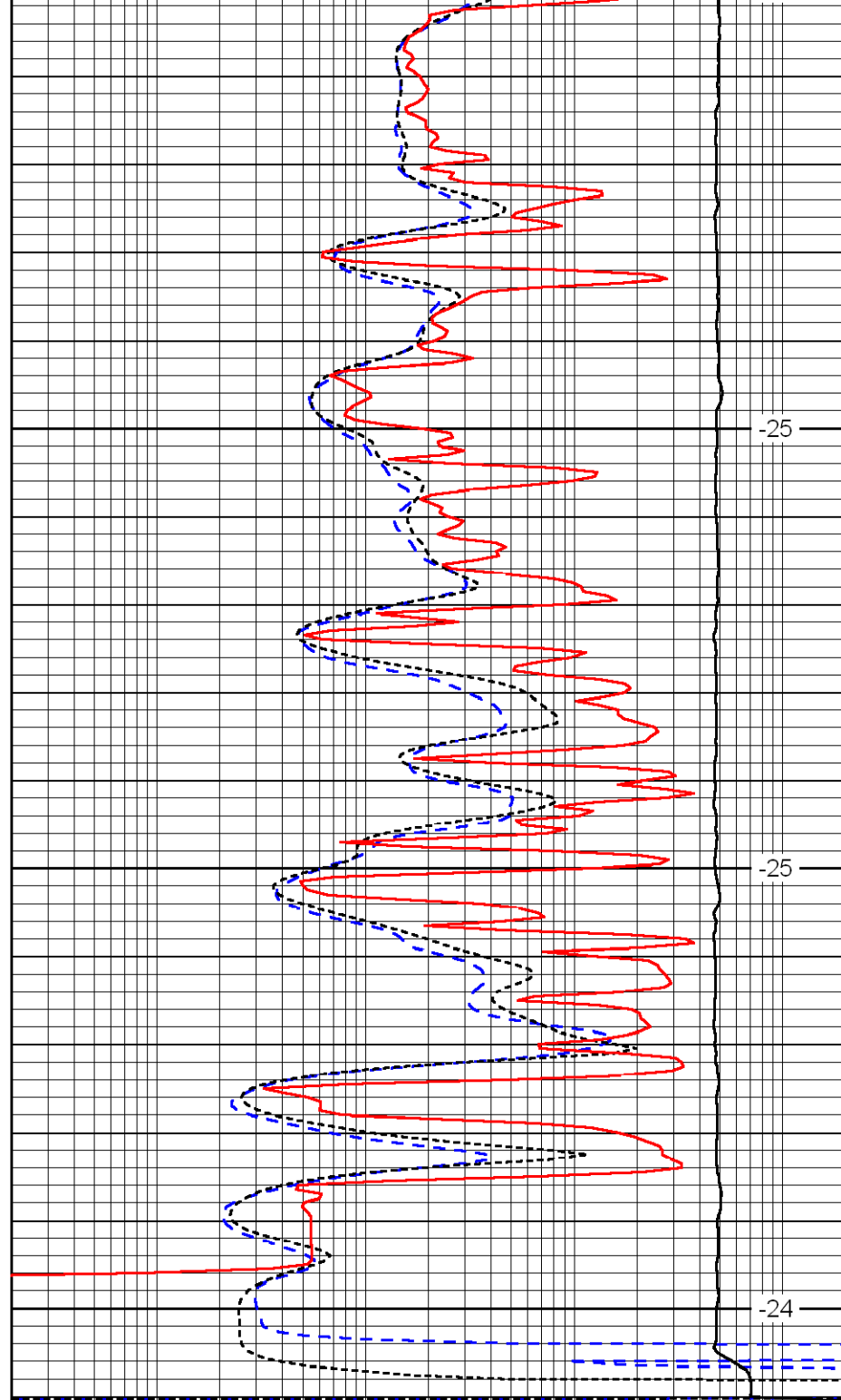


0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40

5050

5100

5150



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

LSPD