



Pioneer Energy Services

Dual Induction Log

API No.

15-185-23,878-00-00

Company Murfin Drilling Company, Inc.

Well Pound No.1-34

Field Mike's Meteor

County Stafford State

Kansas

Location 330' FSL & 330' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 32

Twp: 22S

Rge: 12W

Elevation

Elevation 1831

11 Ft. Above Perm. Datum

K.B. 1842
D.F. 1831
G.L. 1831

Date

8/13/2014

Run Number

One

Depth Driller

3910

Depth Logger

3903

Bottom Logged Interval

3902

Top Log Interval

0

Casing Driller

8.625 @ 643

Casing Logger

643

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

15,200

Density / Viscosity

9.35 51

pH / Fluid Loss

11.0 7.2

Source of Sample

Flowline

Rm @ Meas. Temp

.12 @ 76

Rmf @ Meas. Temp

.09 @ 76

Rmc @ Meas. Temp

.16 @ 76

Source of Rmf / Rmc

Charts

Rm @ BHT

.08 @ 115

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

115

Equipment Number

10

Location

Hays

Recorded By

C. Desaire

Witnessed By

Chuck Schmalz

<<< 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

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(785) 625-3858

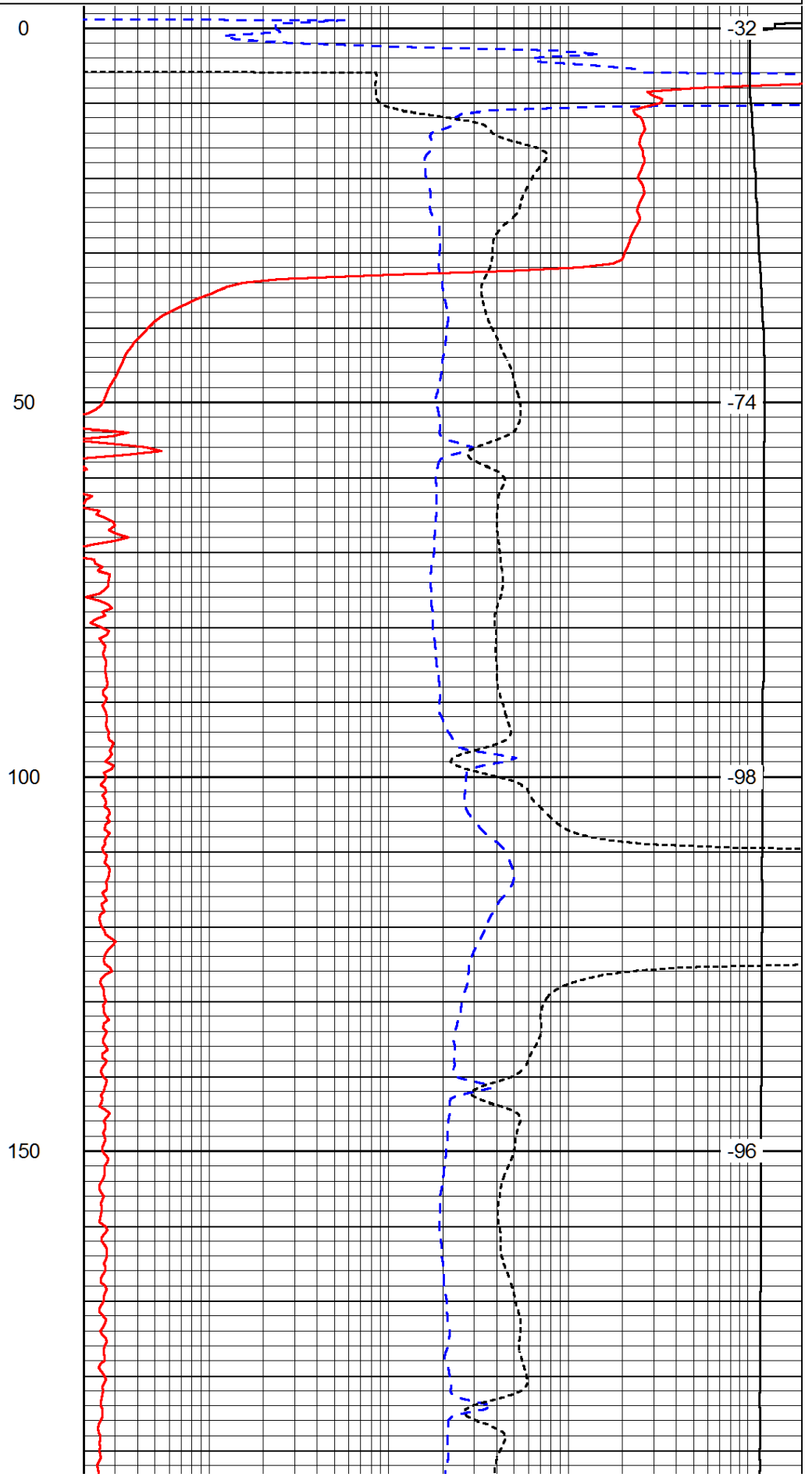
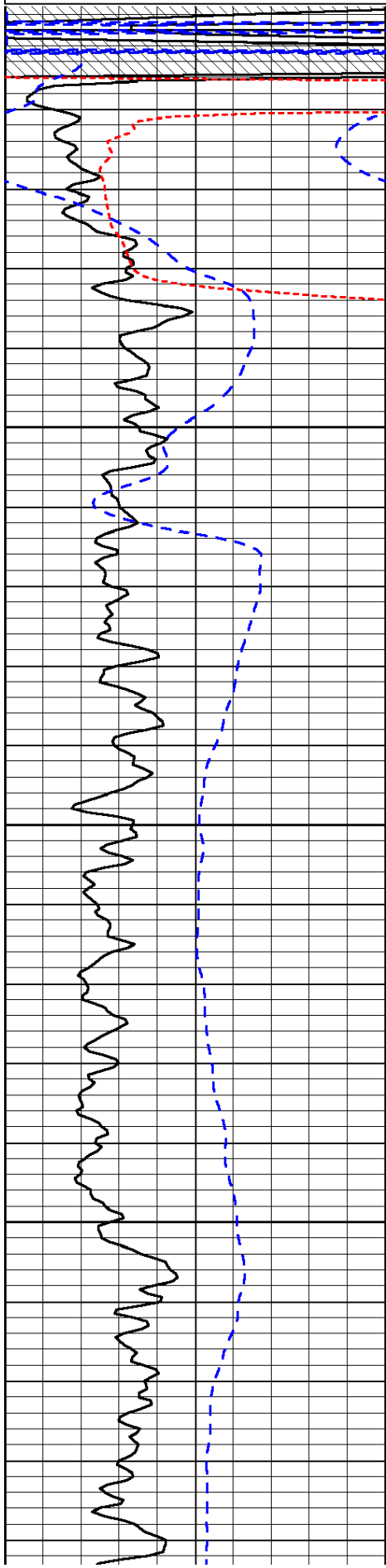
St. John KS, N to 70th St,
7 E, 2 N, W Into

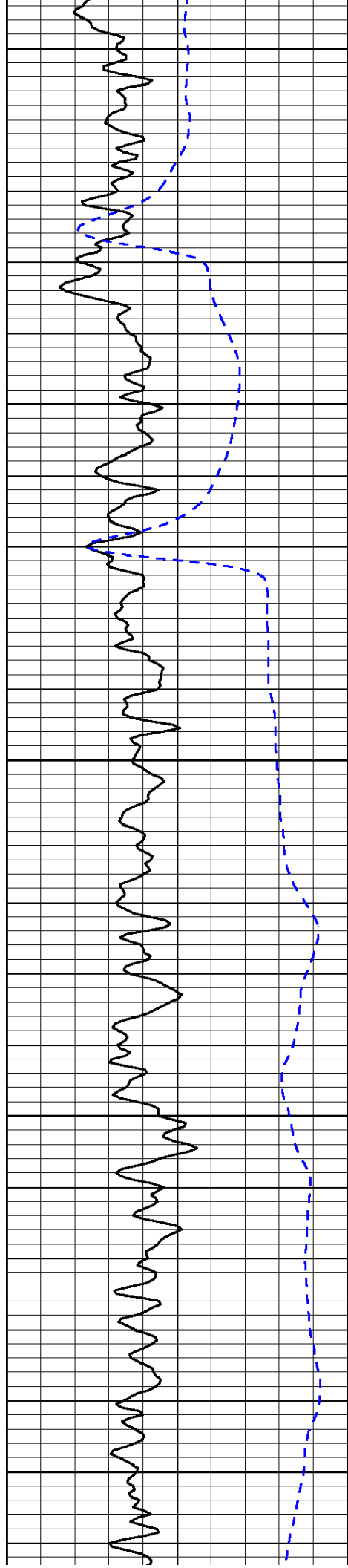
Database File: murfhd.db
Dataset Pathname: dil/murfstk
Presentation Format: dil
Dataset Creation: Wed Aug 13 22:00:51 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD





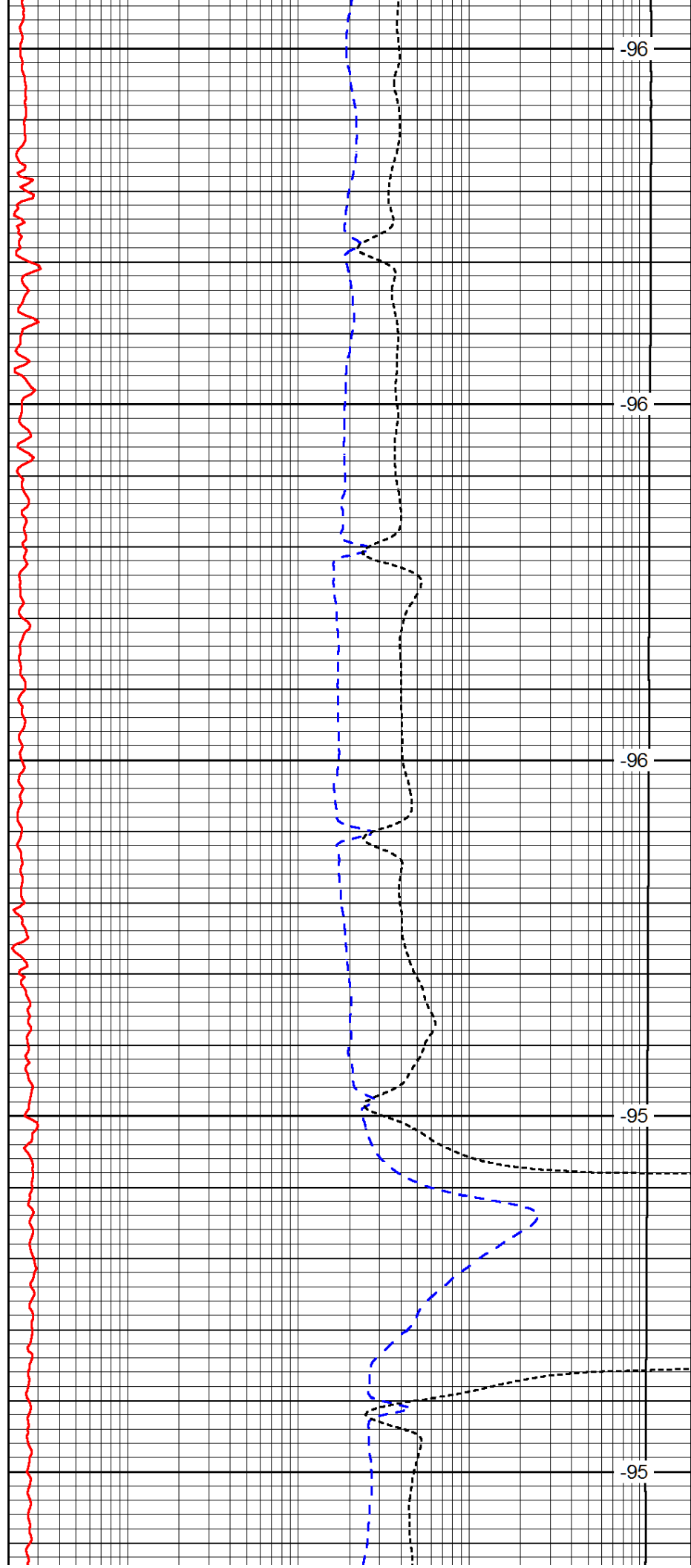
200

250

300

350

400



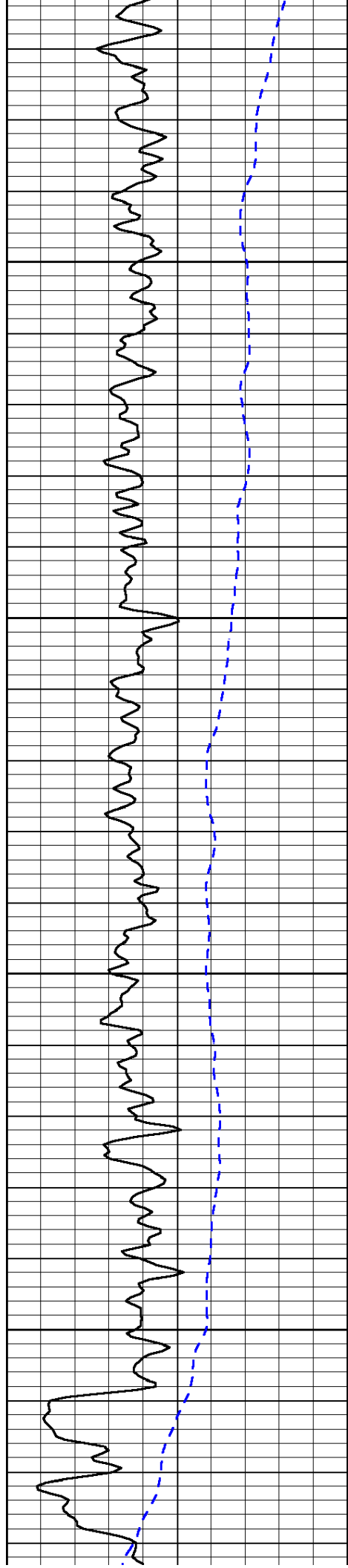
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-96

-96

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-95

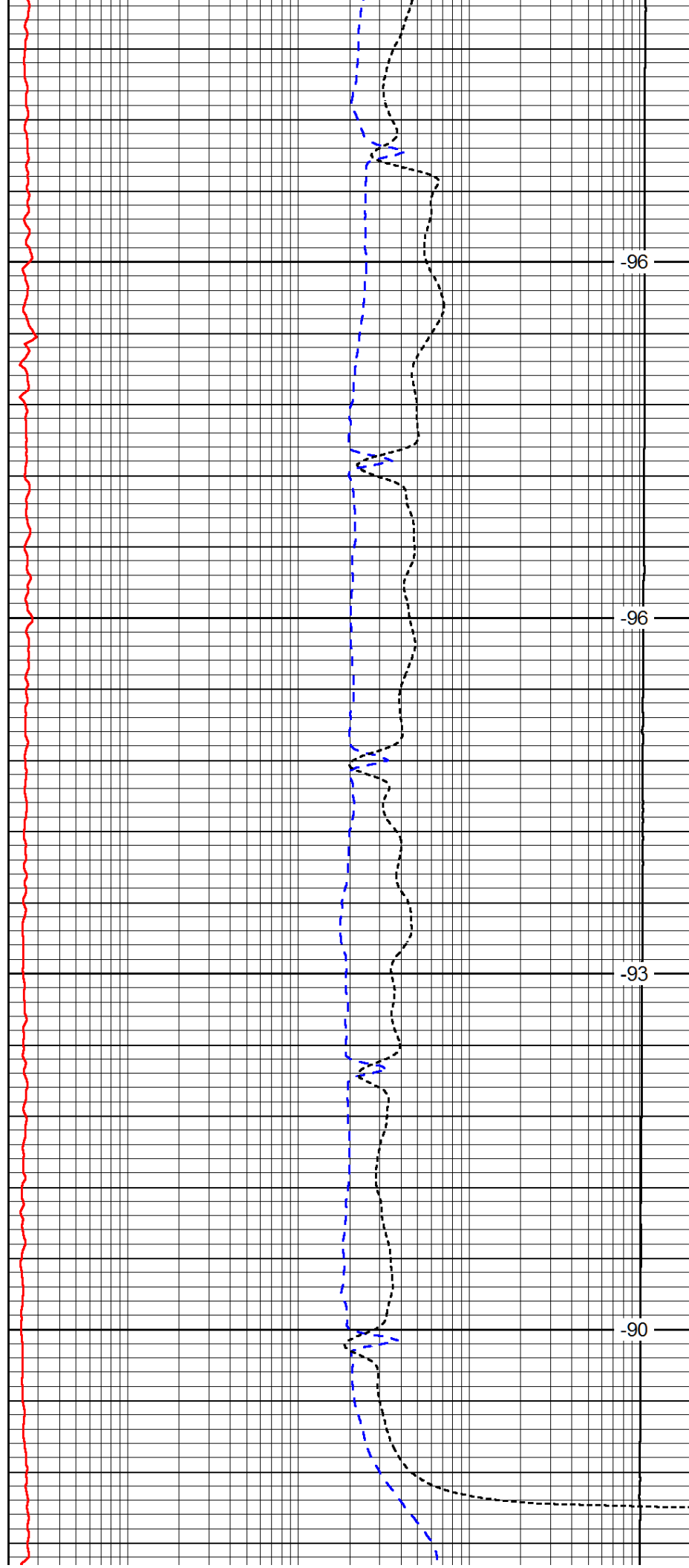


450

500

550

600

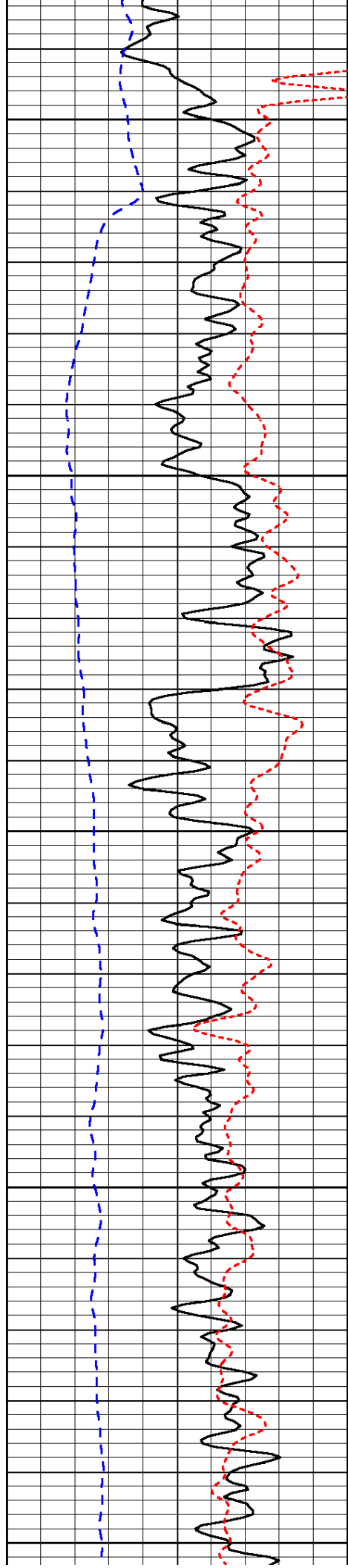


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-93

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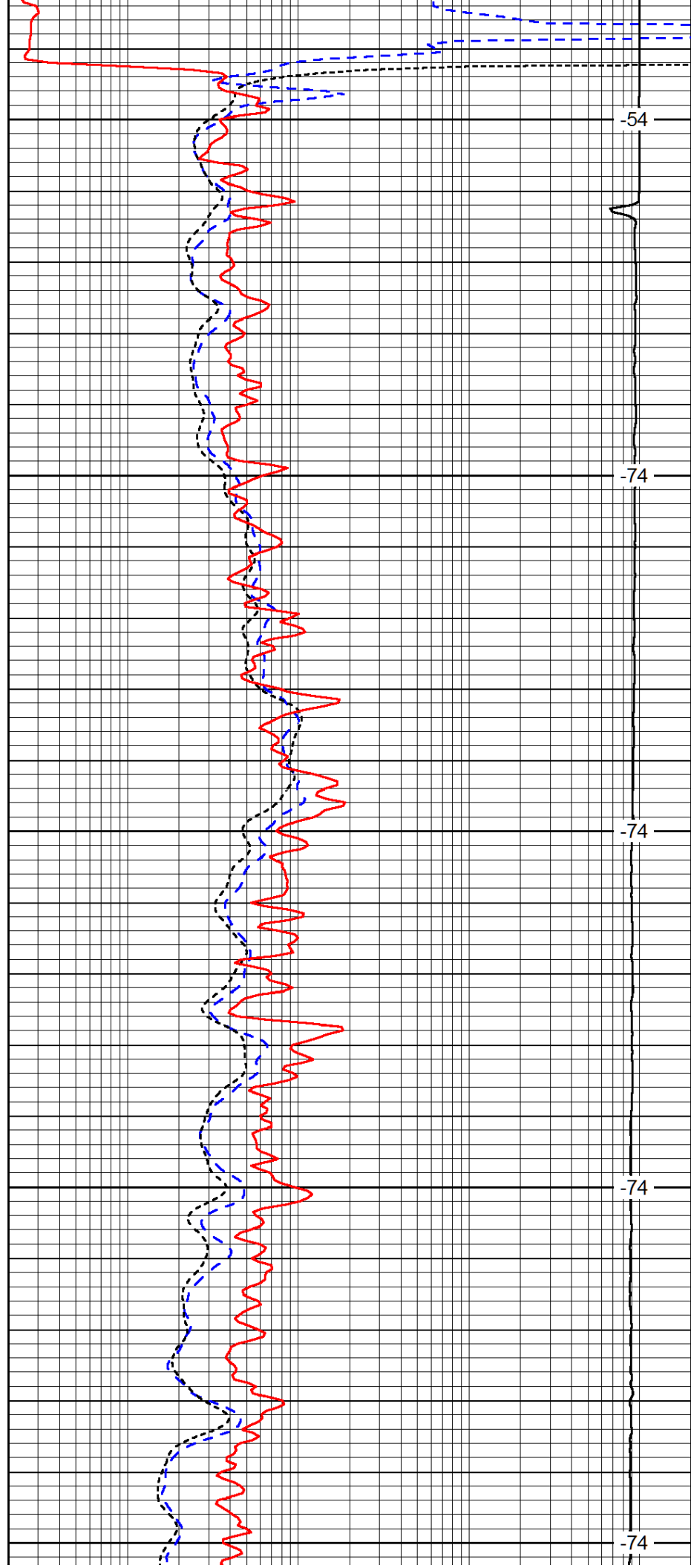
650

700

750

800

850



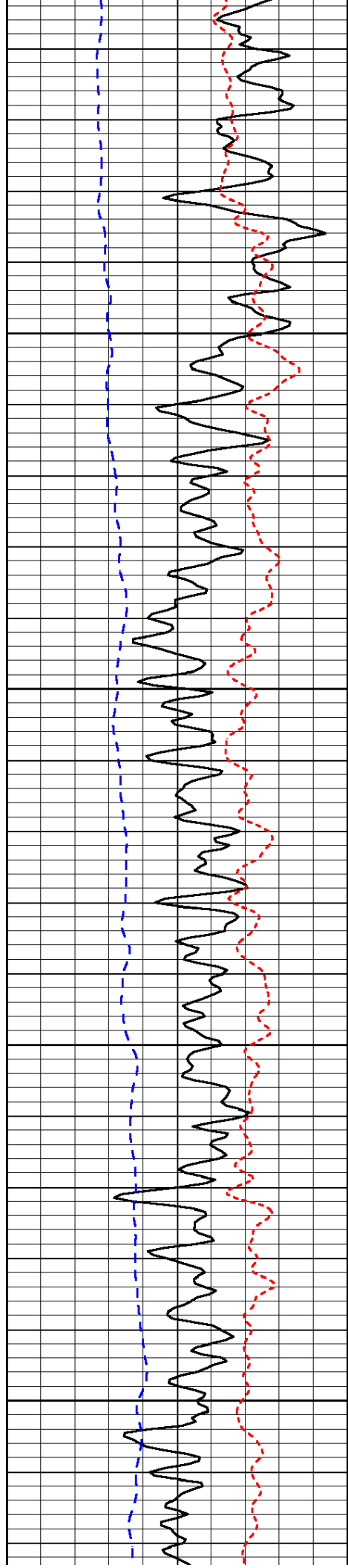
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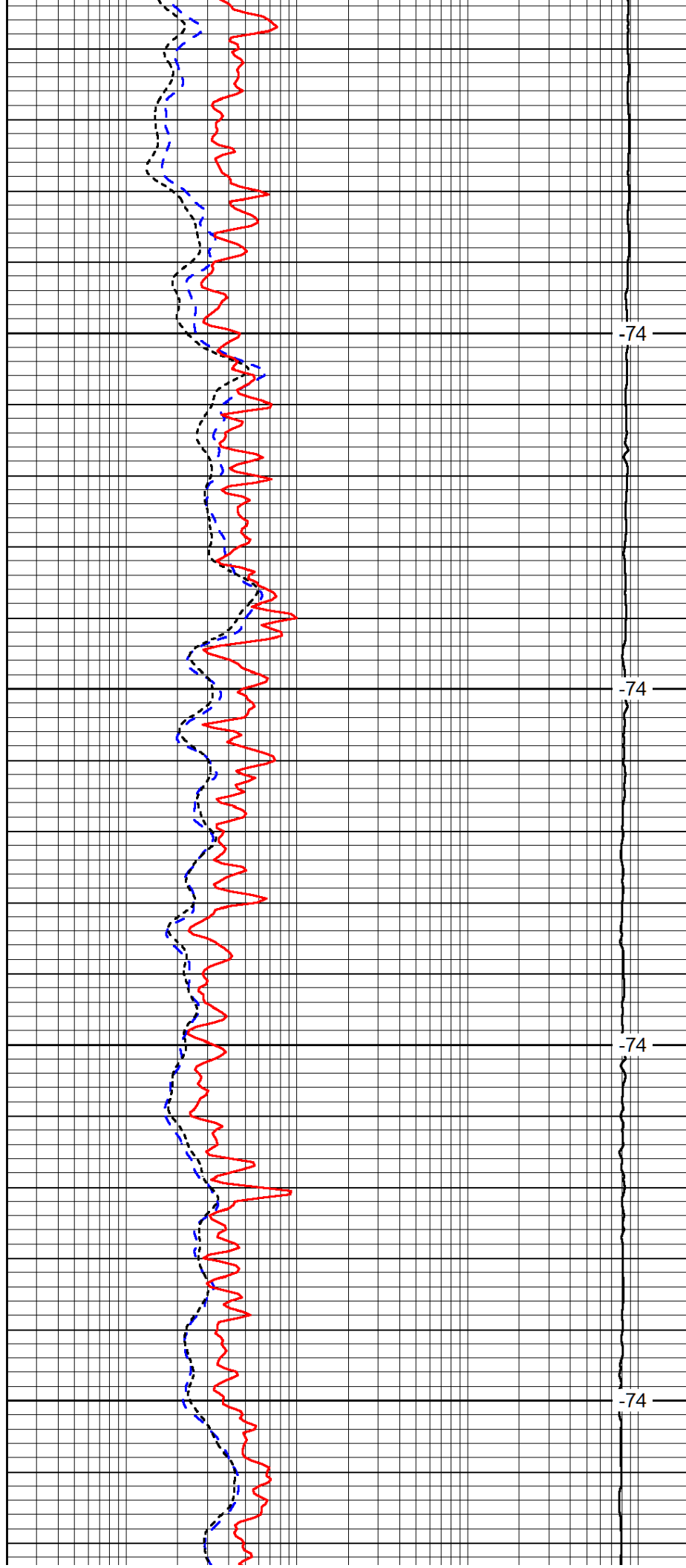


900

950

1000

1050

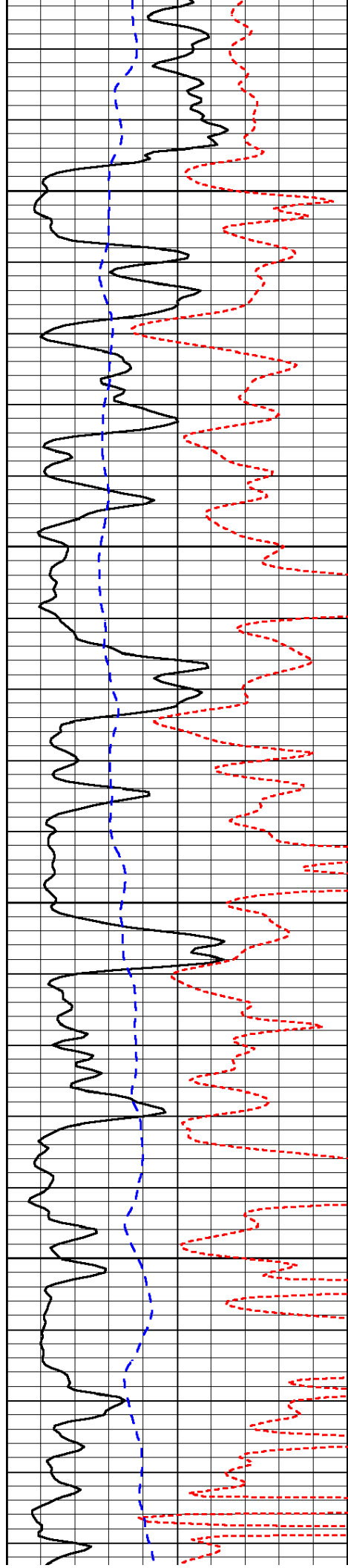


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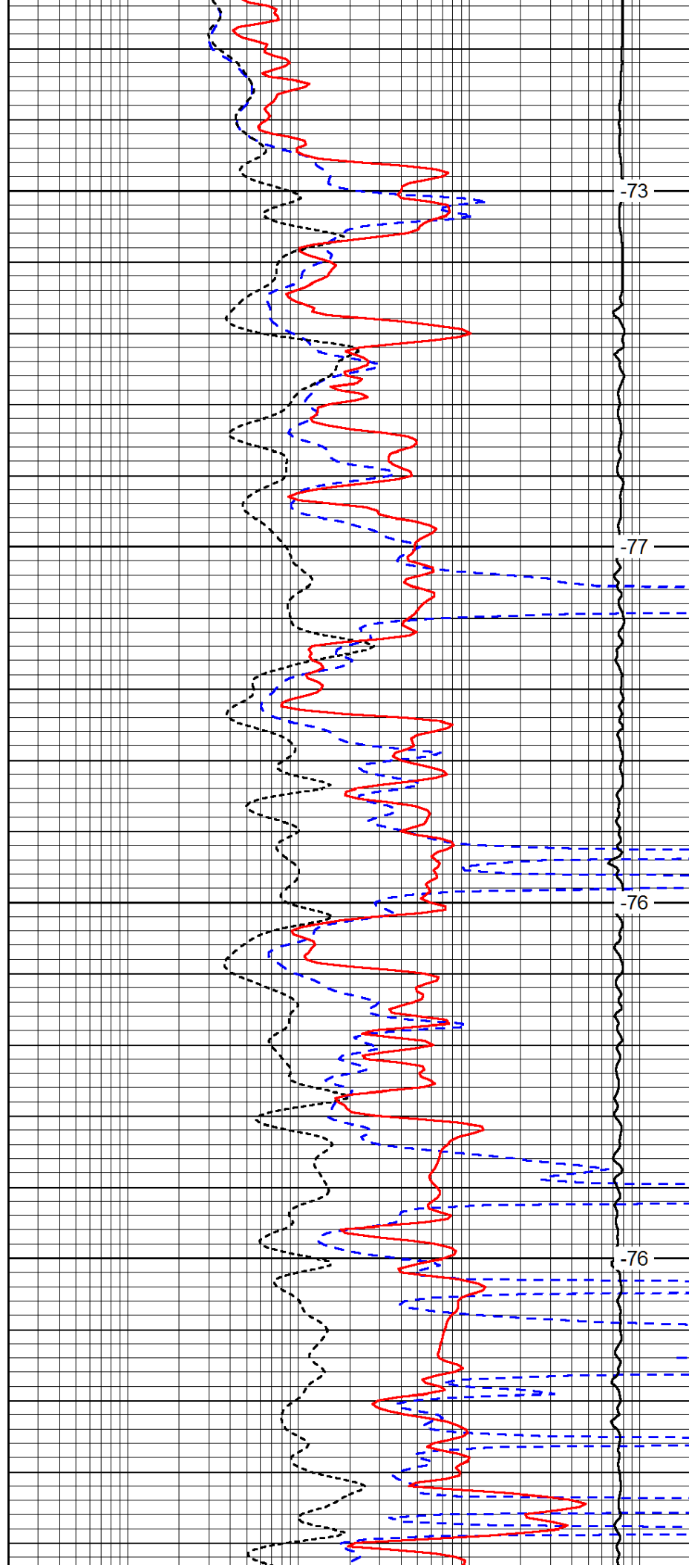


1100

1150

1200

1250

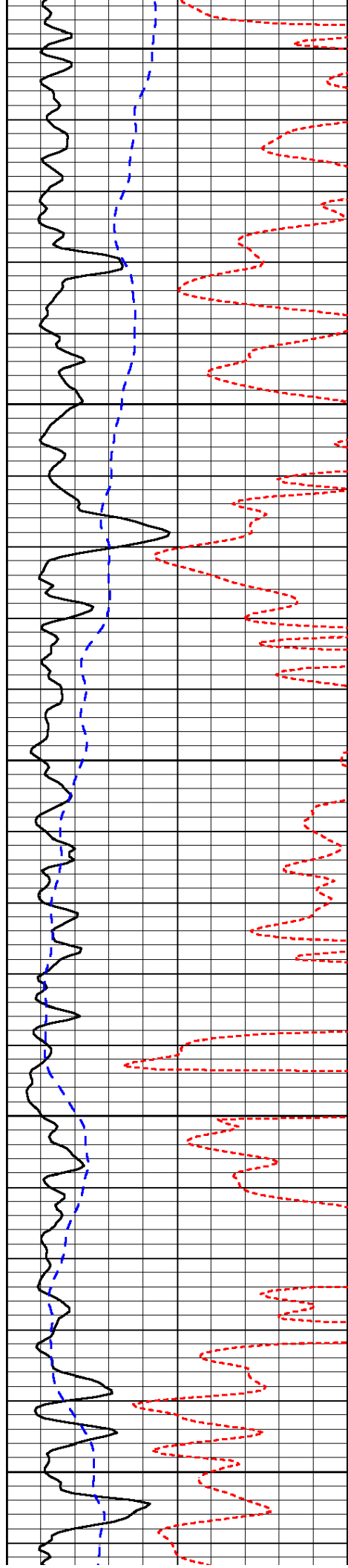


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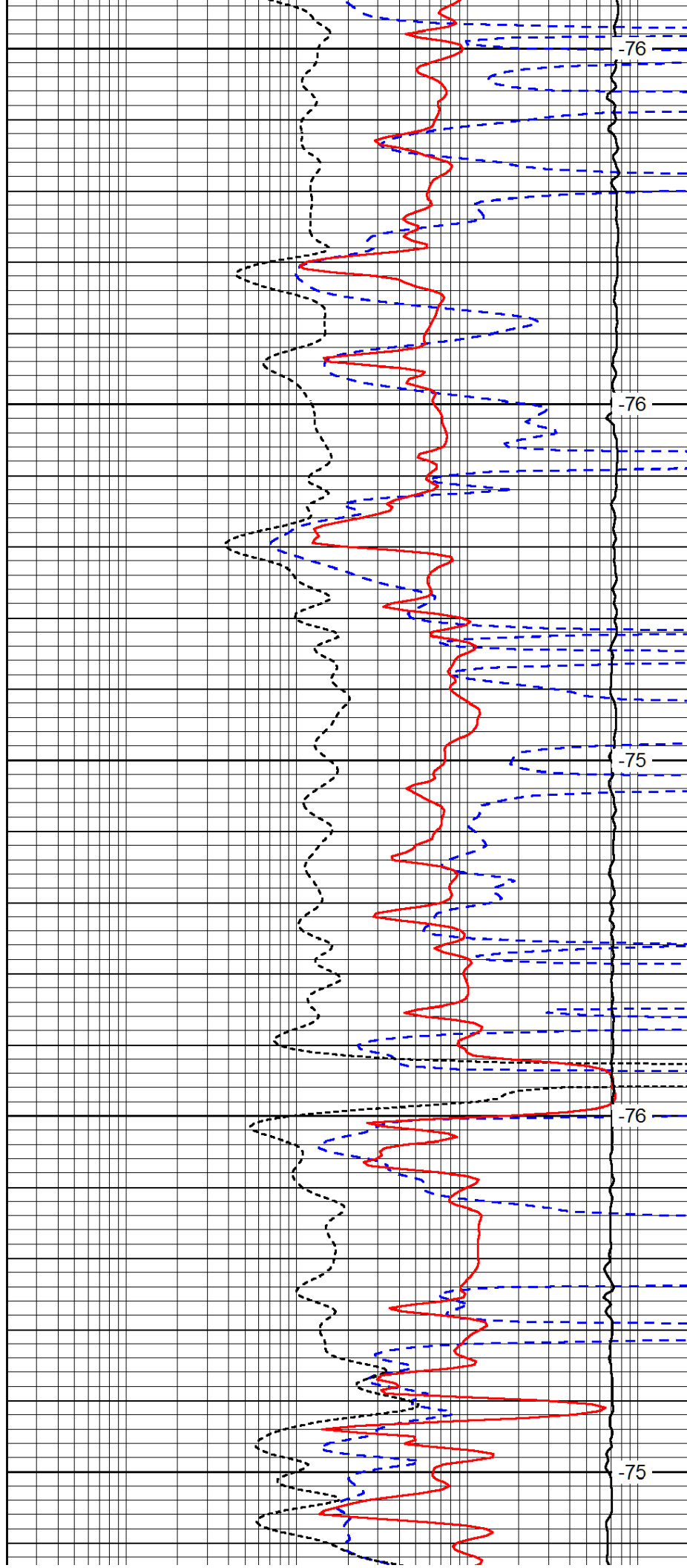
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1350

1400

1450

1500



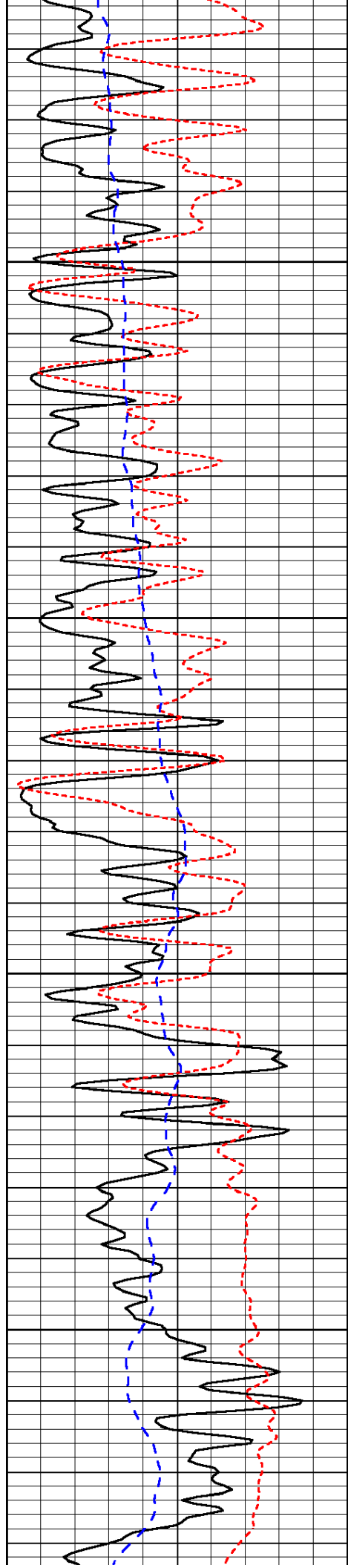
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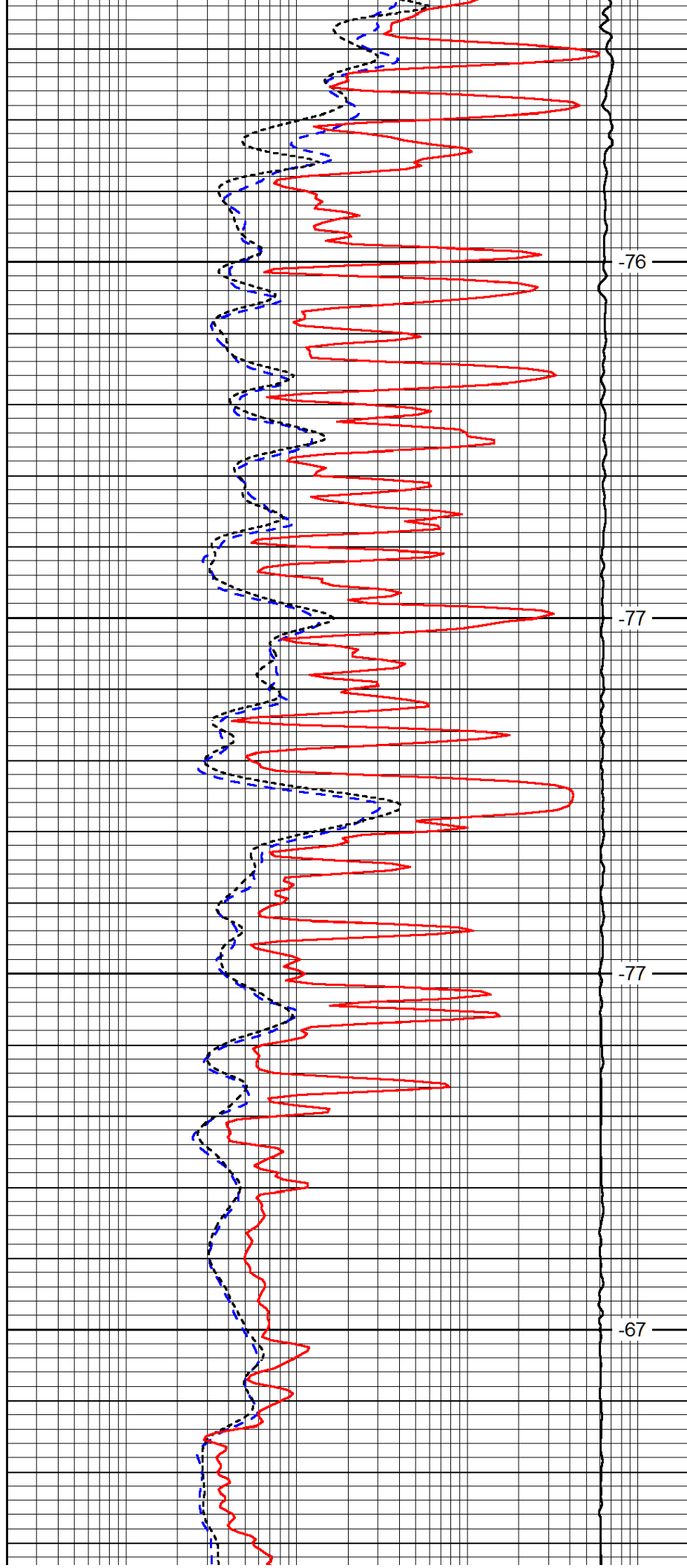


1550

1600

1650

1700

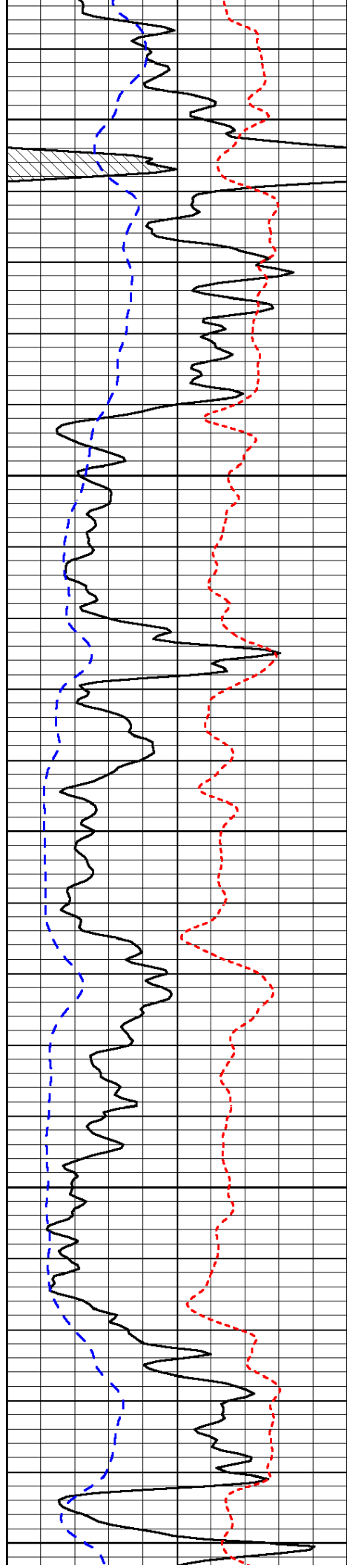


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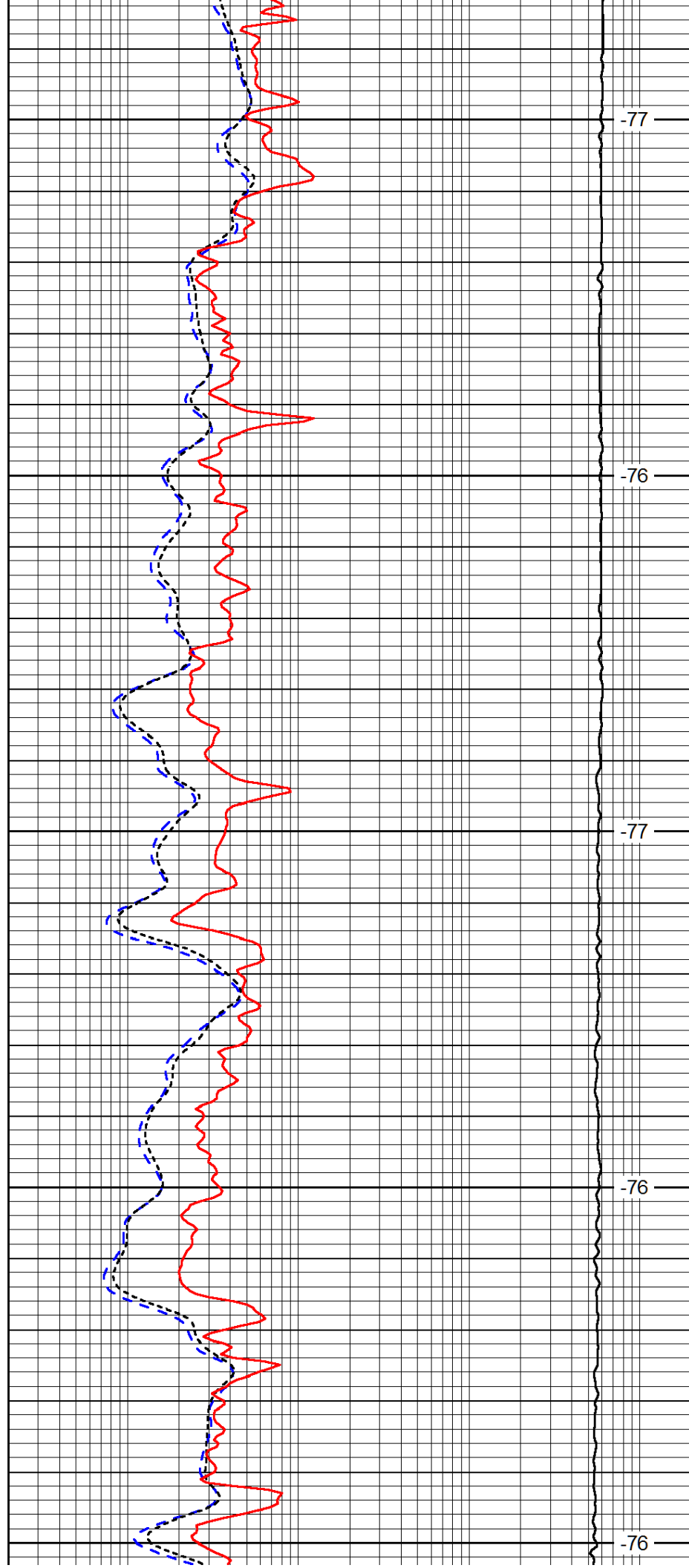
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1800

1850

1900

1950



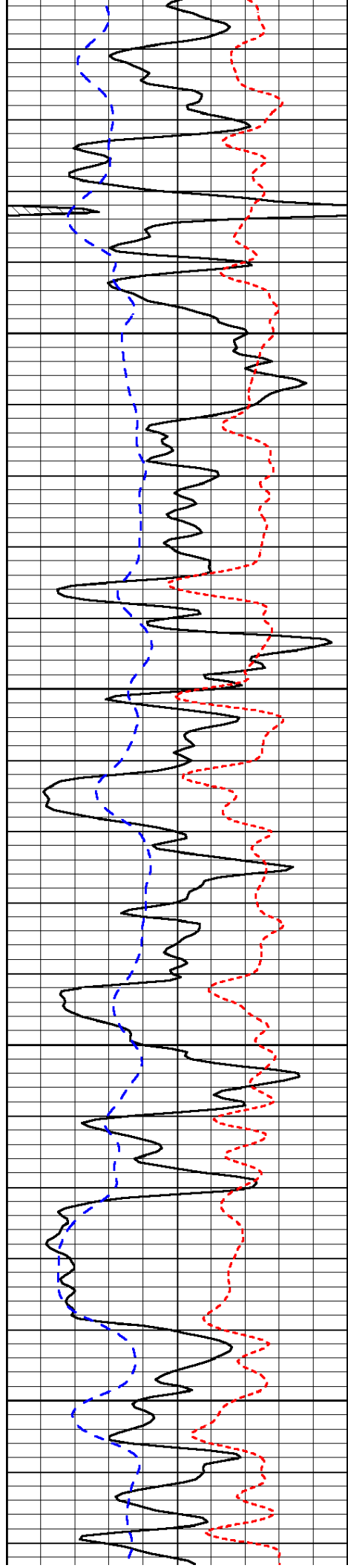
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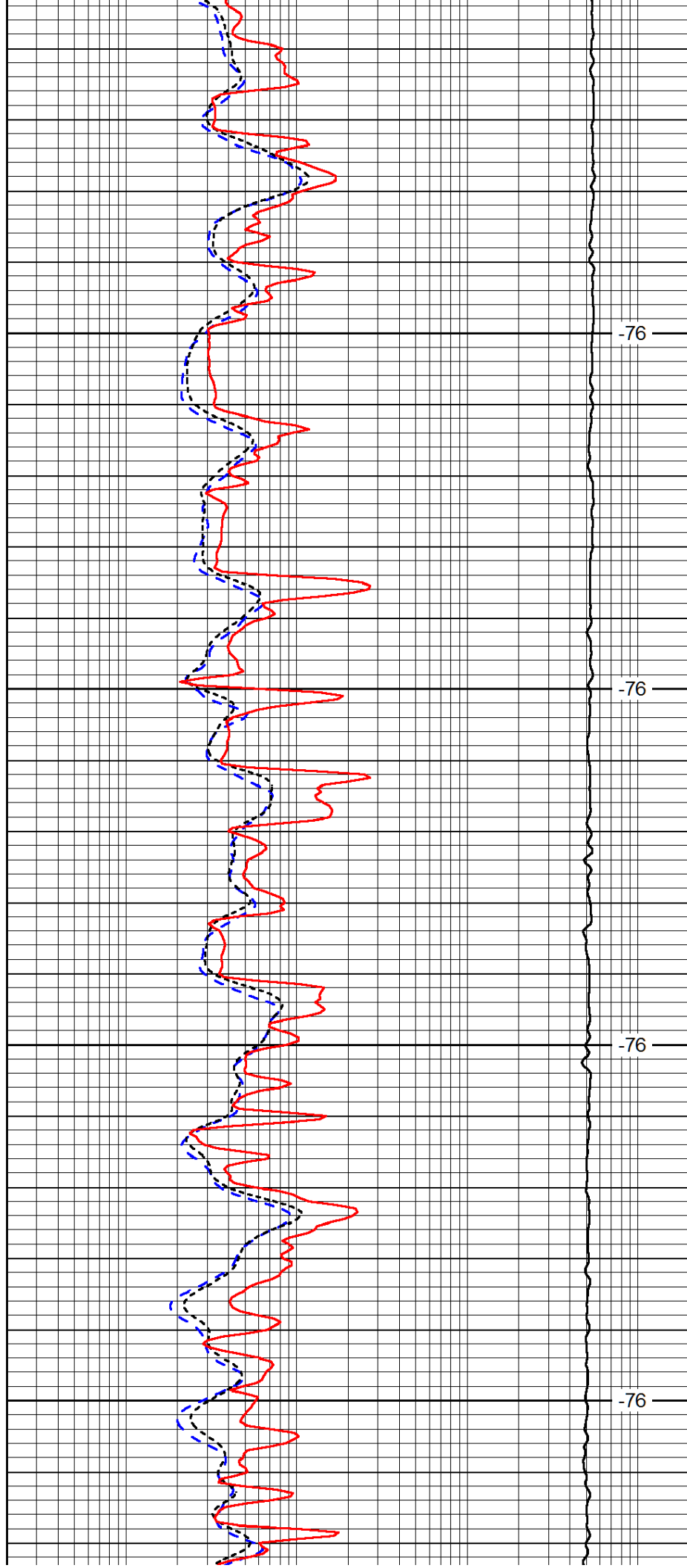


2000

2050

2100

2150

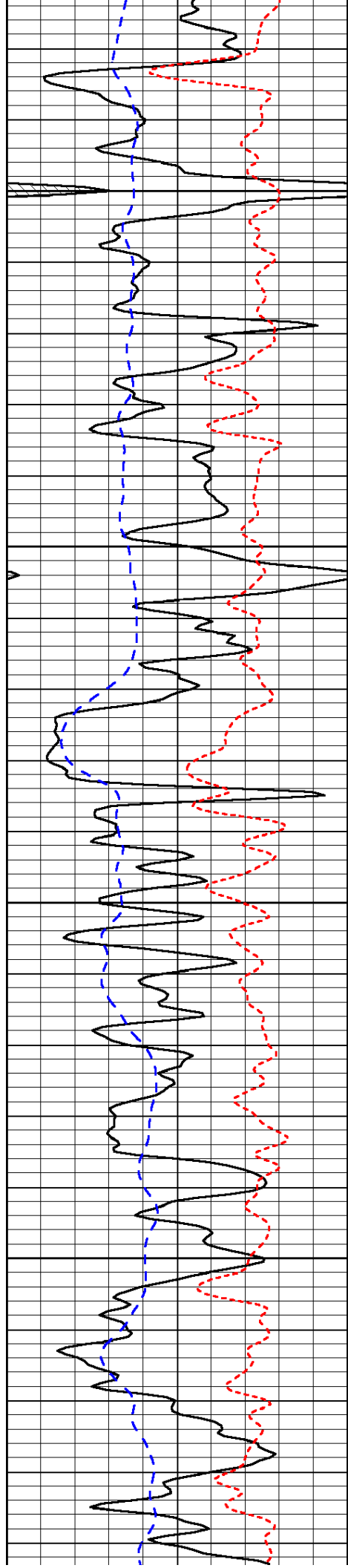


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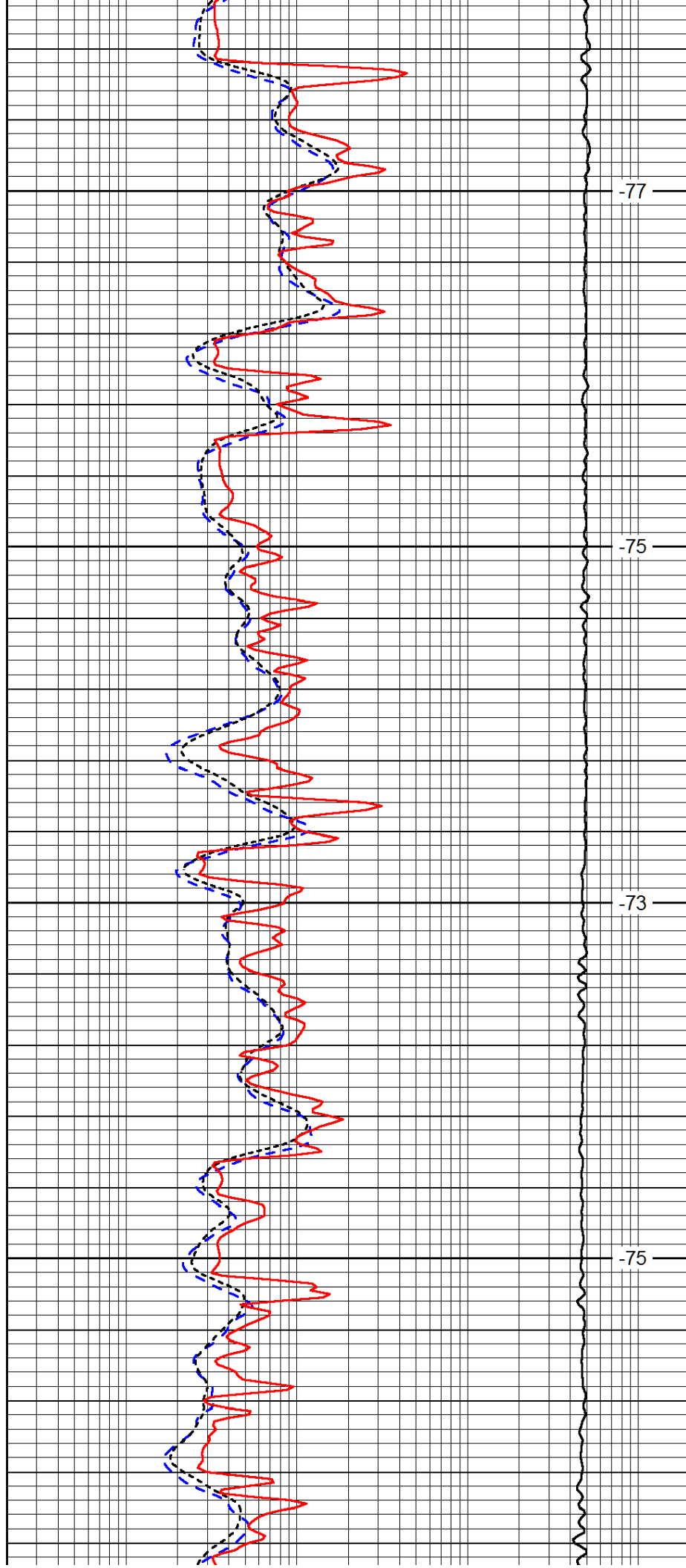


2200

2250

2300

2350

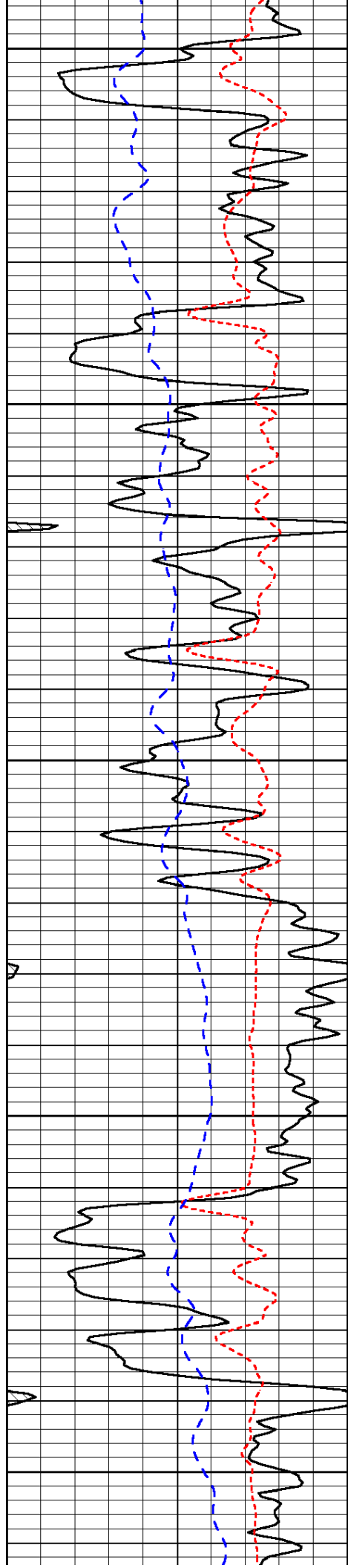


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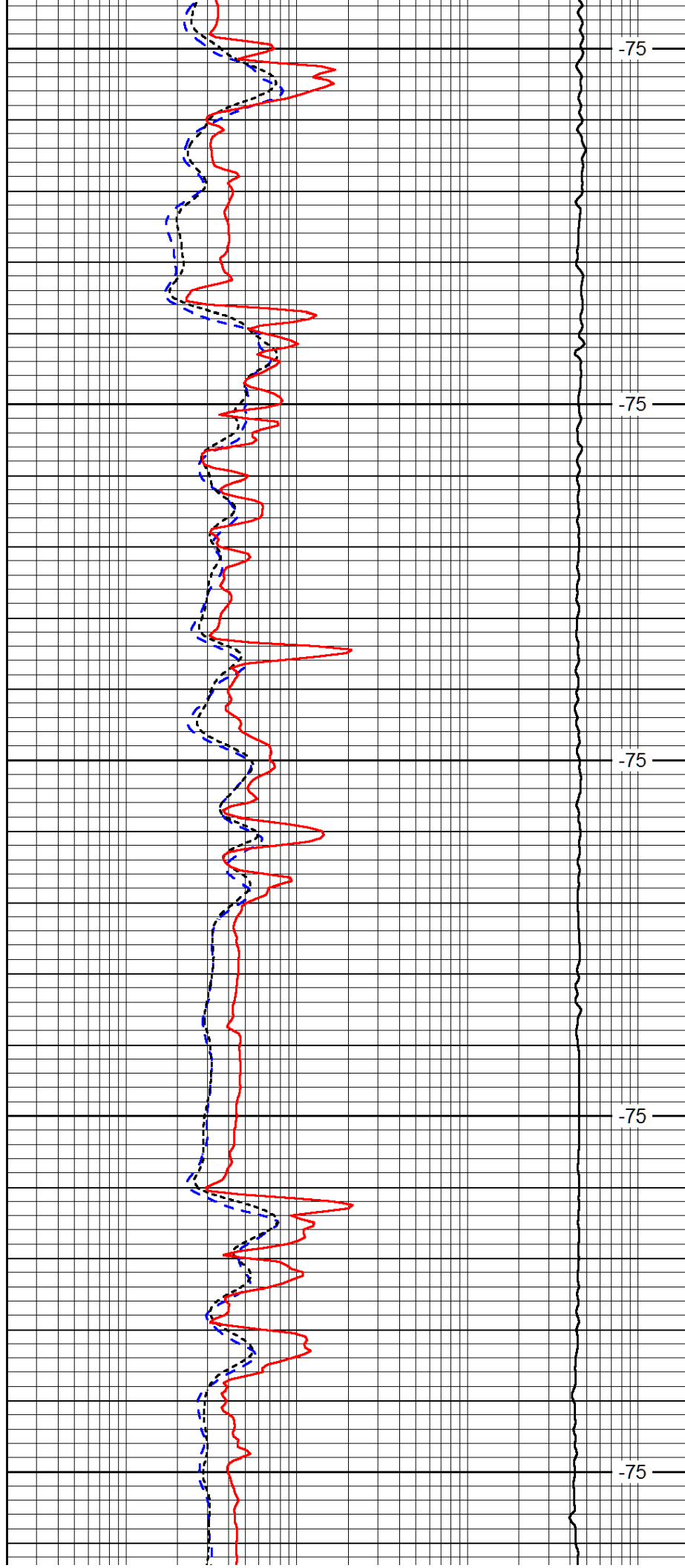
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2450

2500

2550

2600



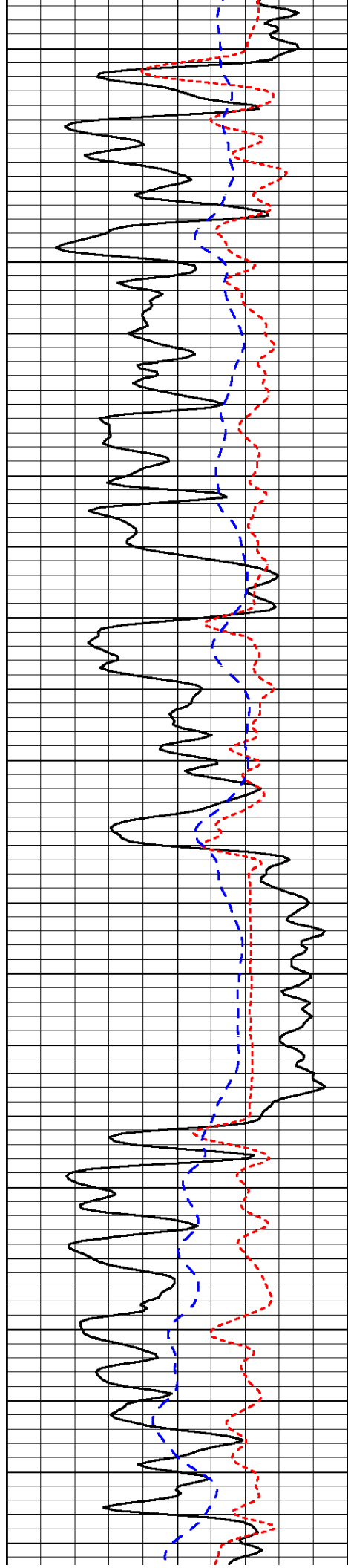
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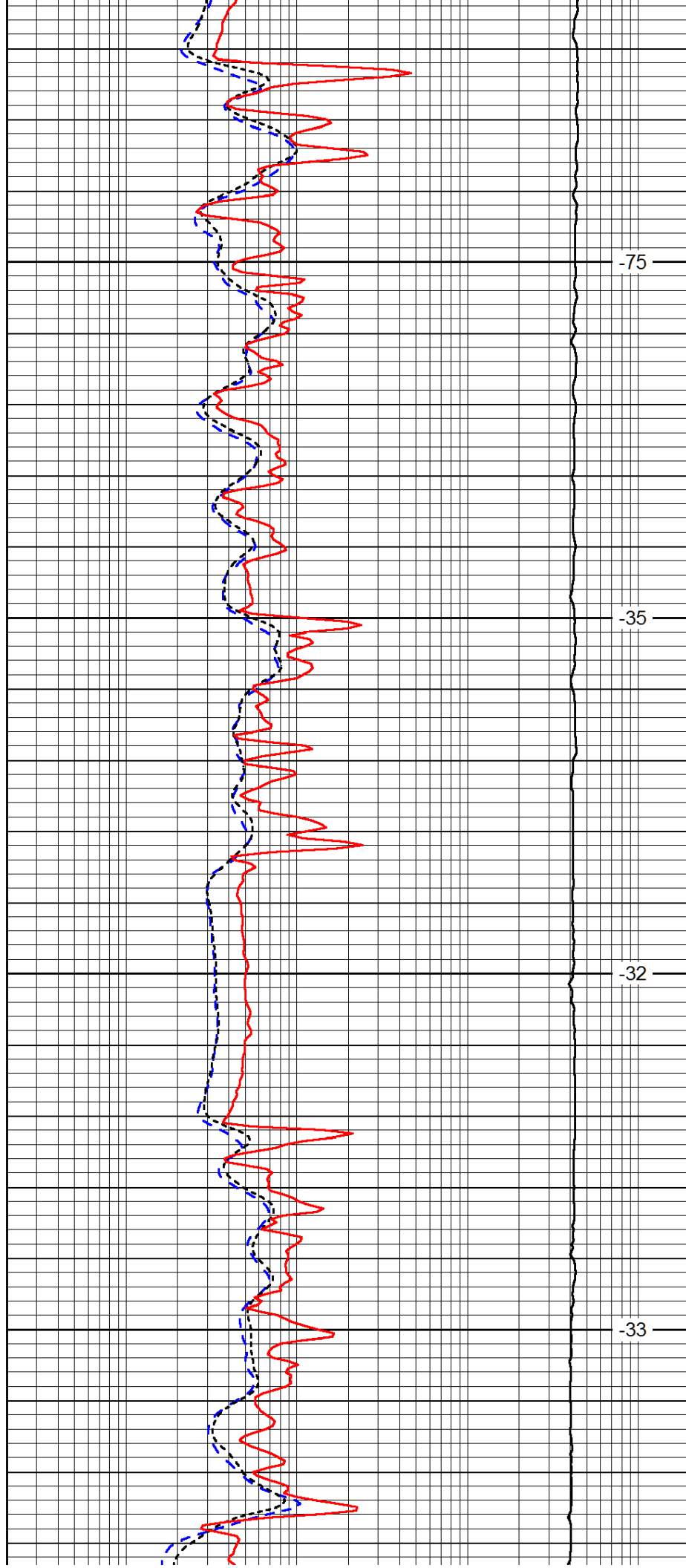


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2700

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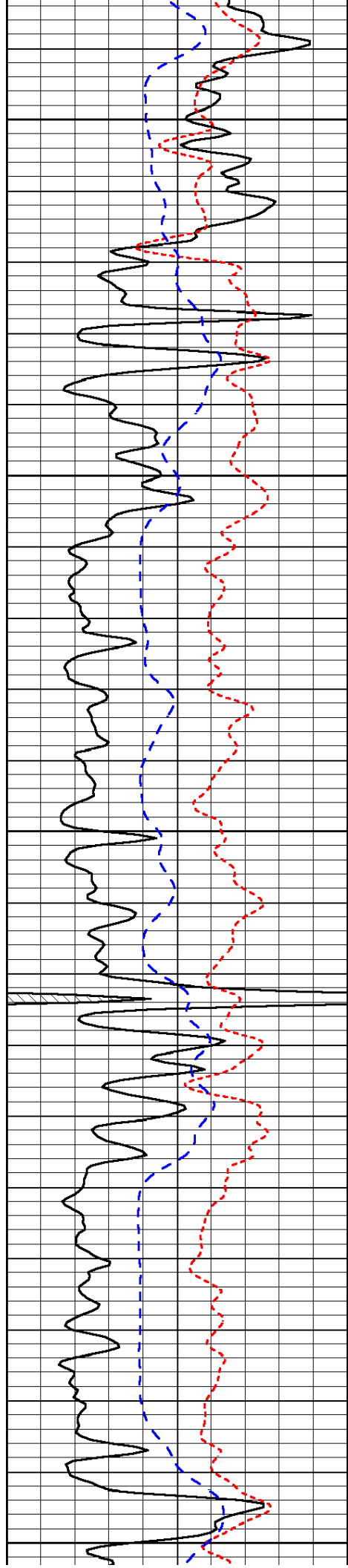


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-33



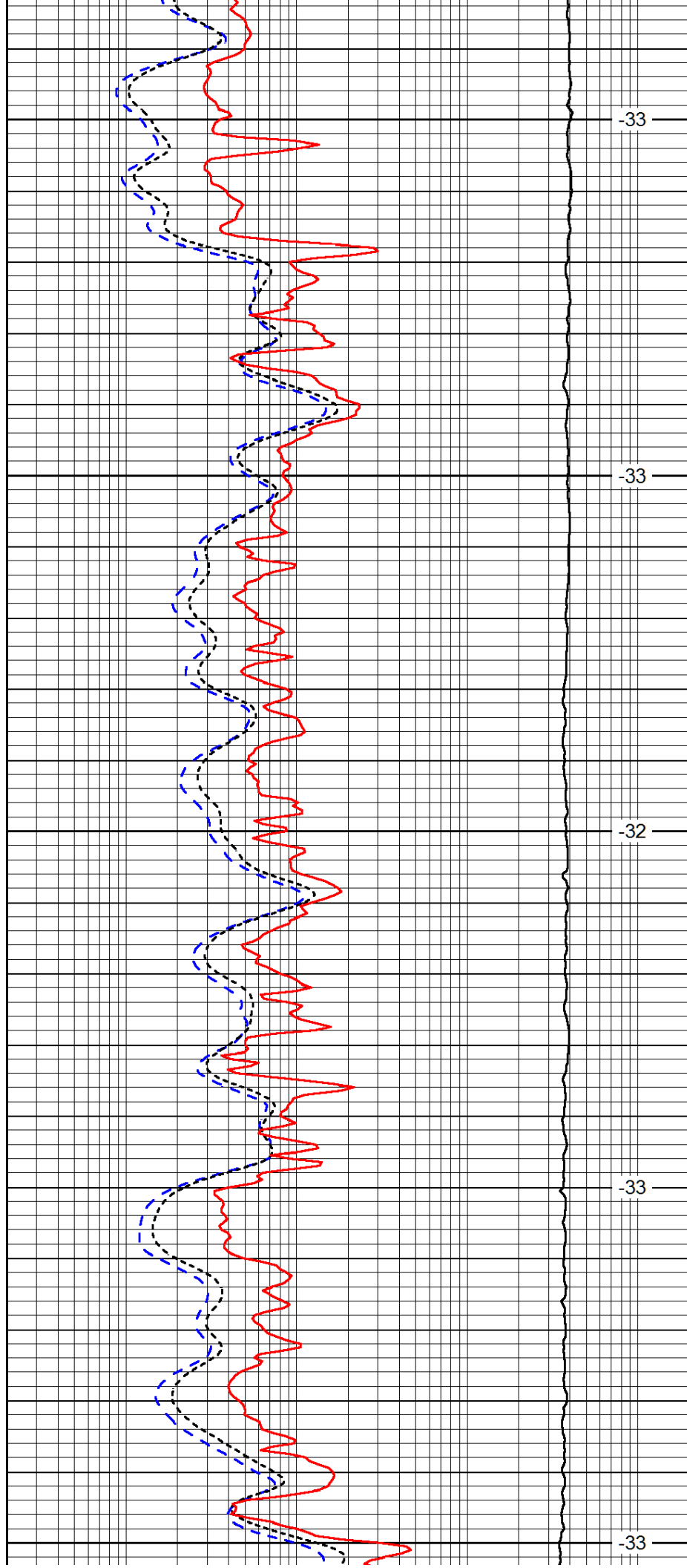
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3050



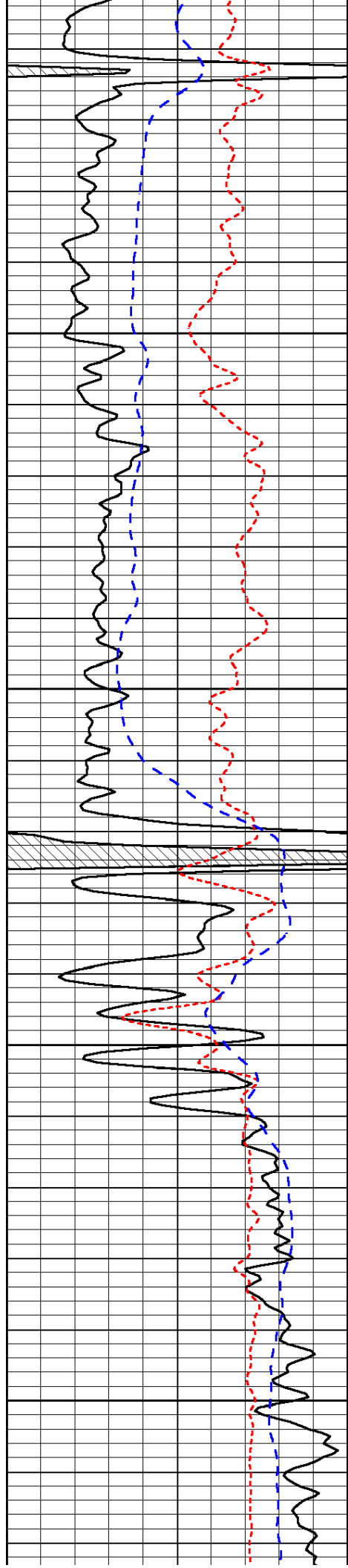
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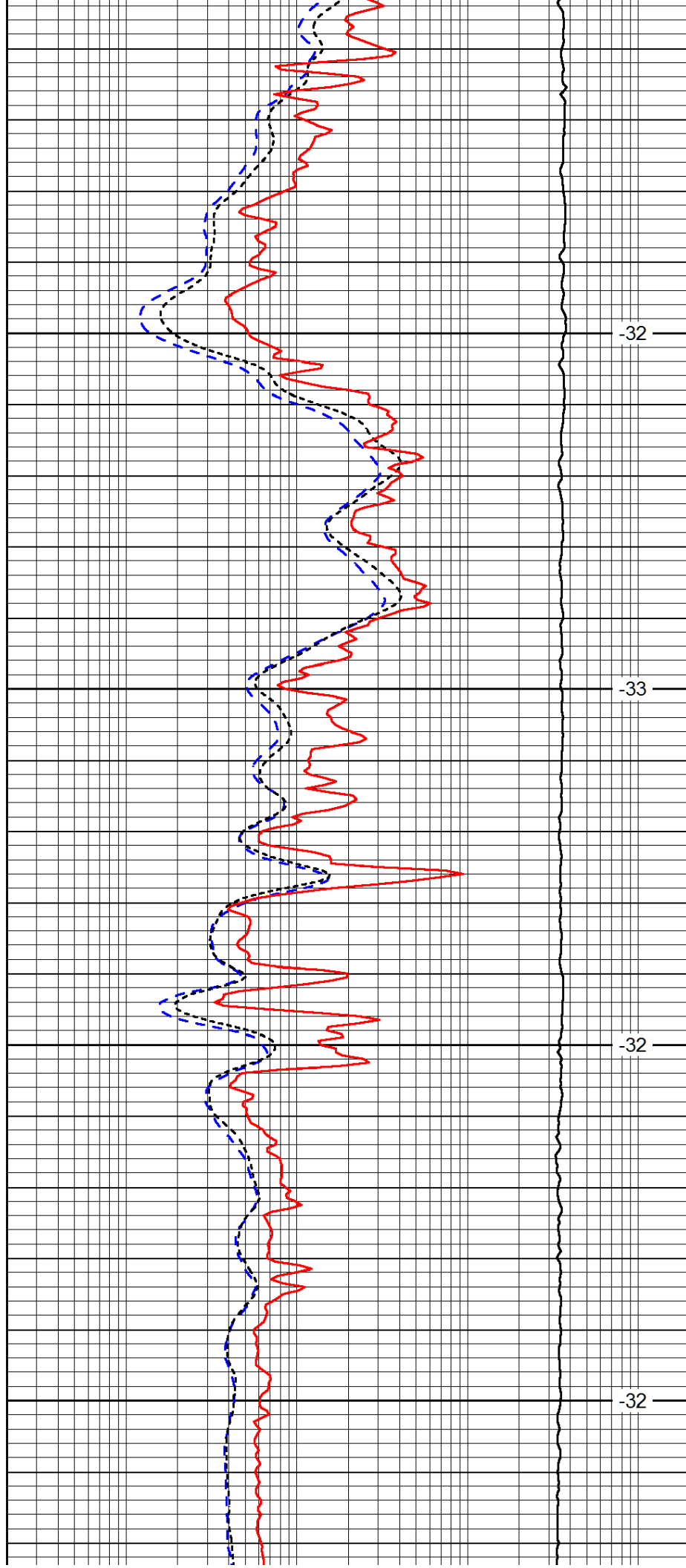


3100

3150

3200

3250

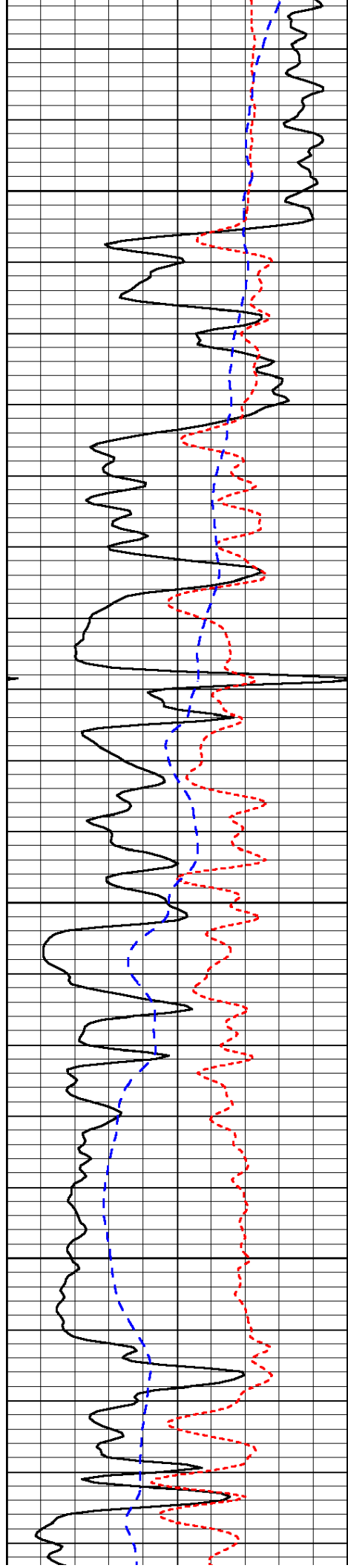


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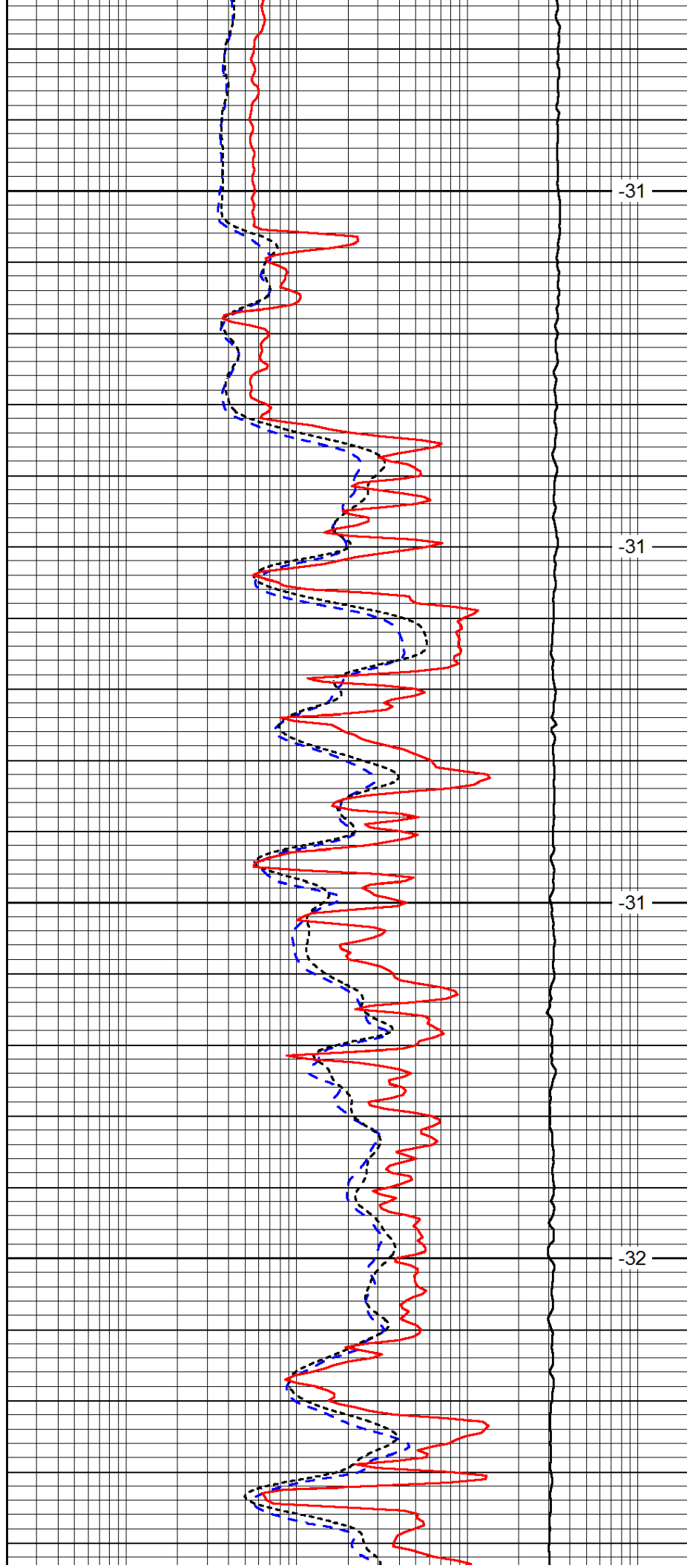


3300

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3400

3450

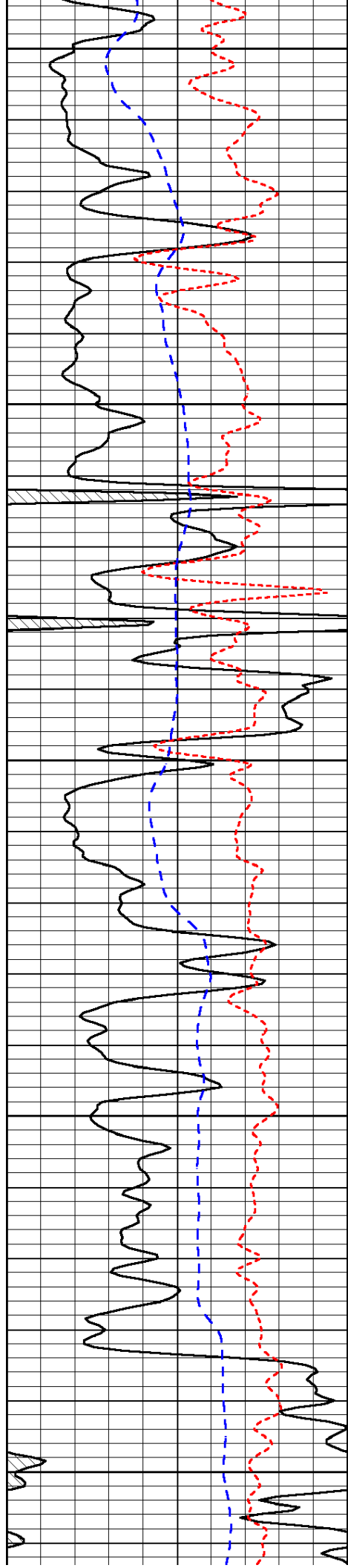


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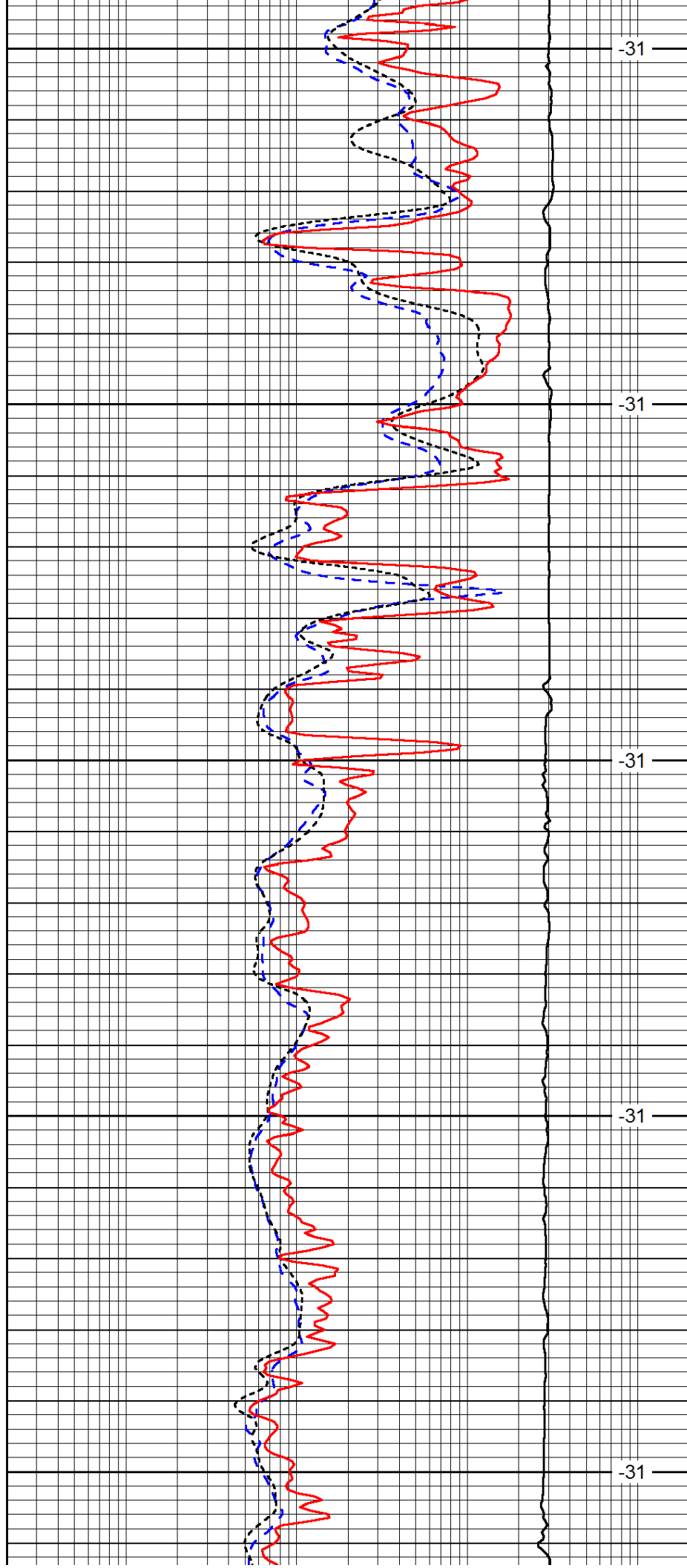
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3600

3650

3700



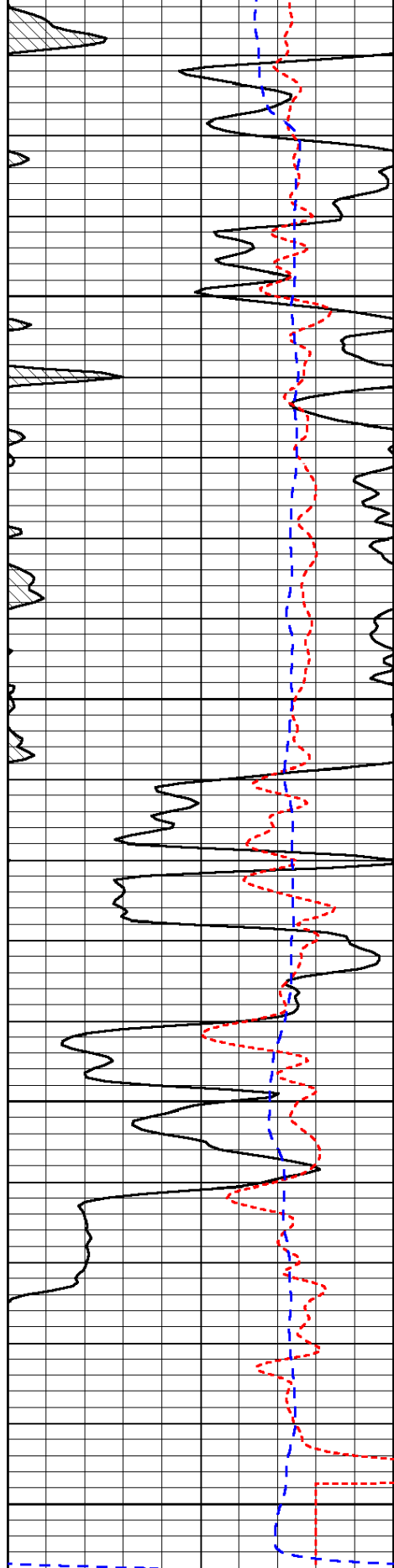
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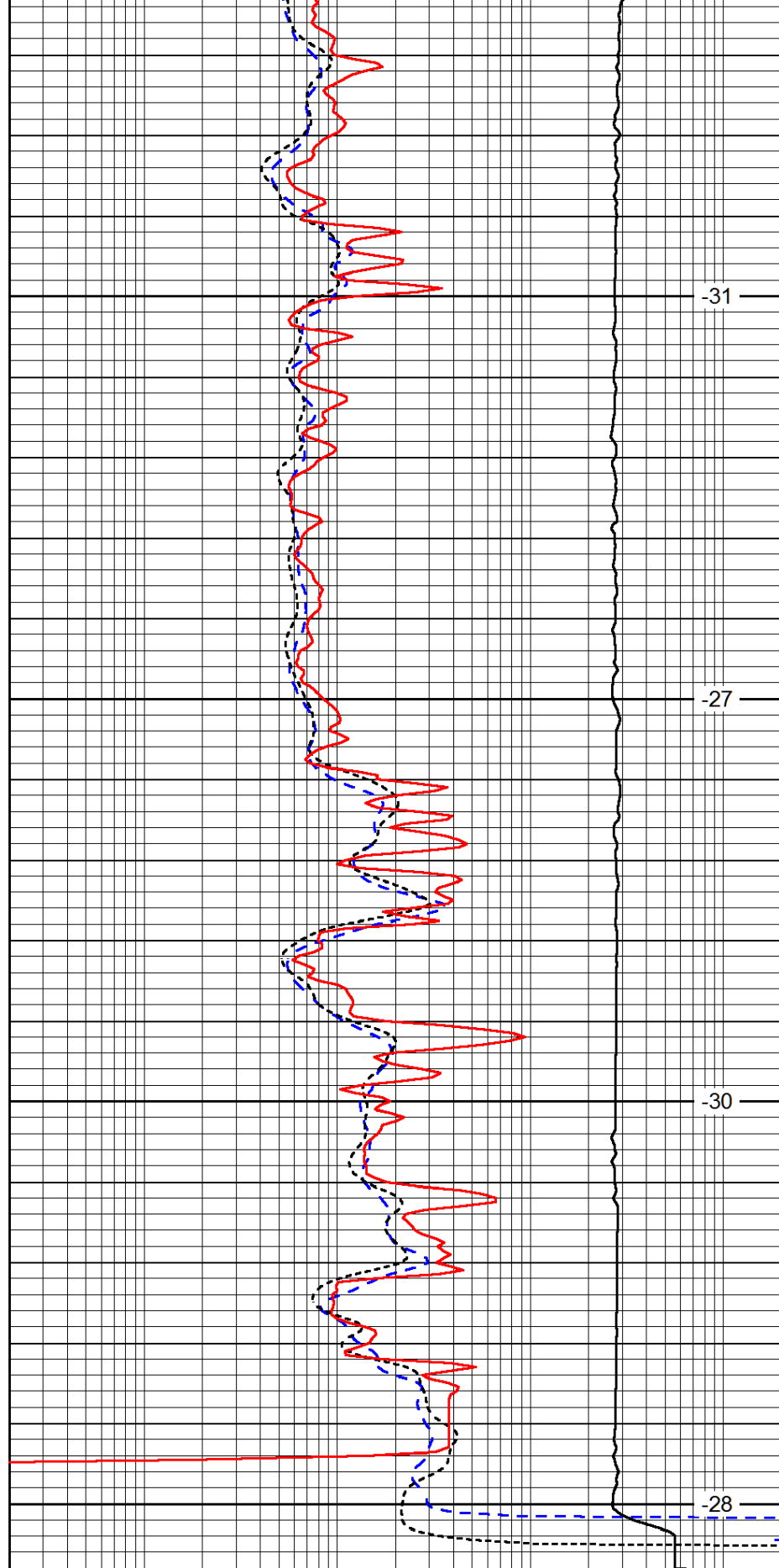
0	Gamma Ray	150
-160	RXO/RT	40
-200	SP (mV)	0

3750

3800

3850

3900



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