



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-129-21,955-00-00

Company Scout Energy Management, LLC.

Well Berryman Richfield Unit #9-1A

Field Richfield

County Morton

State Kansas

Location

NE SW NE SE
1955' FSL & 792' FEL

Sec: 34

Twp: 32S

Rge: 41W

Elevation

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 3407
K.B. 3420
D.F. 3407
G.L. 3407

Date

12/13/2013

Run Number

One

Type Log

CNL / CDL

Depth Driller

5200

Depth Logger

5208

Bottom Logged Interval

5187

Top Logged Interval

1550

Type Fluid In Hole

Chemical

Salinity, PPM CL

1200

Density

9.3

Level

Full

Max. Rec. Temp. F

128

Operating Rig Time

5 1/2 Hours

Equipment -- Location

15 Hays

Recorded By

D Kerr

Witnessed By

David Rice

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

1595

8.625

23#

00

1595

Two

7.875

1595

TD

<<< 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

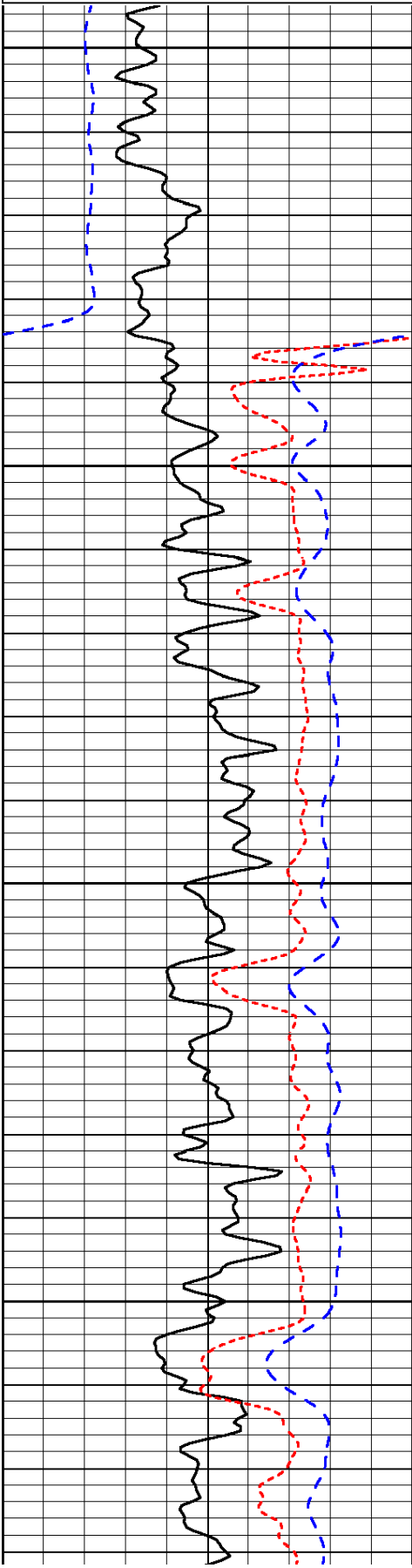
Thank you for using Log-Tech, Inc.
(785) 625-3858

Rolla KS , 8 North, 6 West,
3/4 South, West Into

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

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)

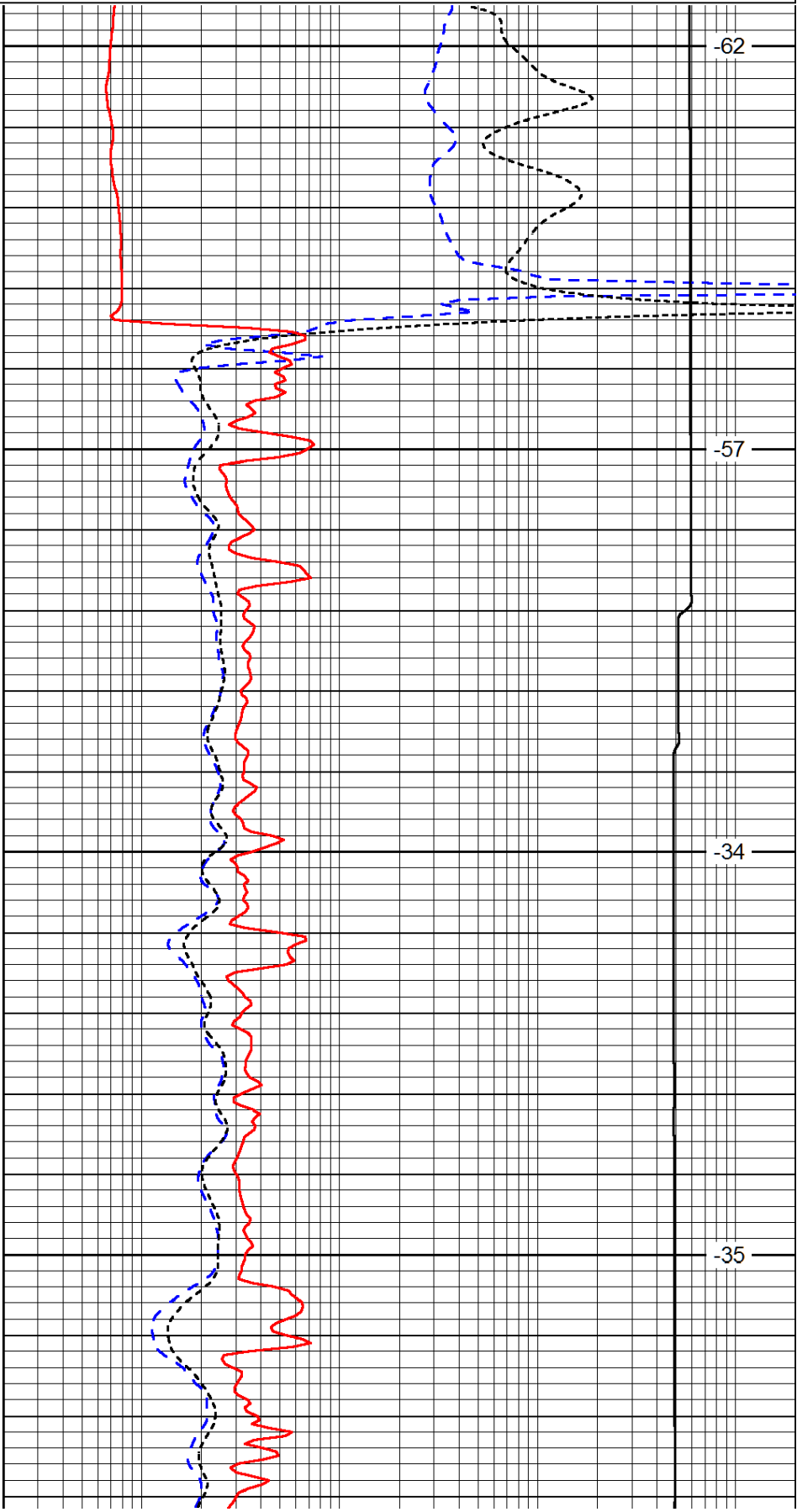


1550

1600

1650

1700

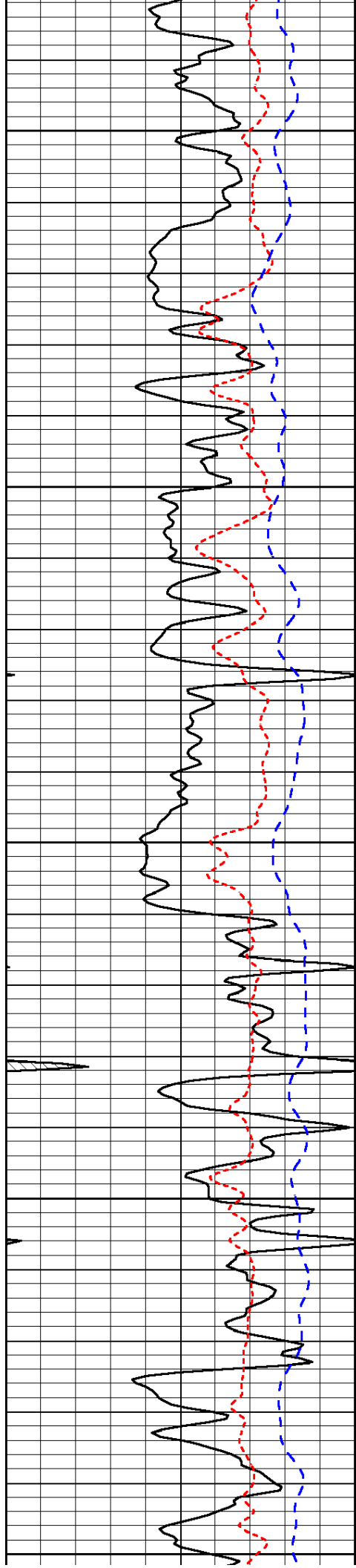


-62

-57

-34

-35



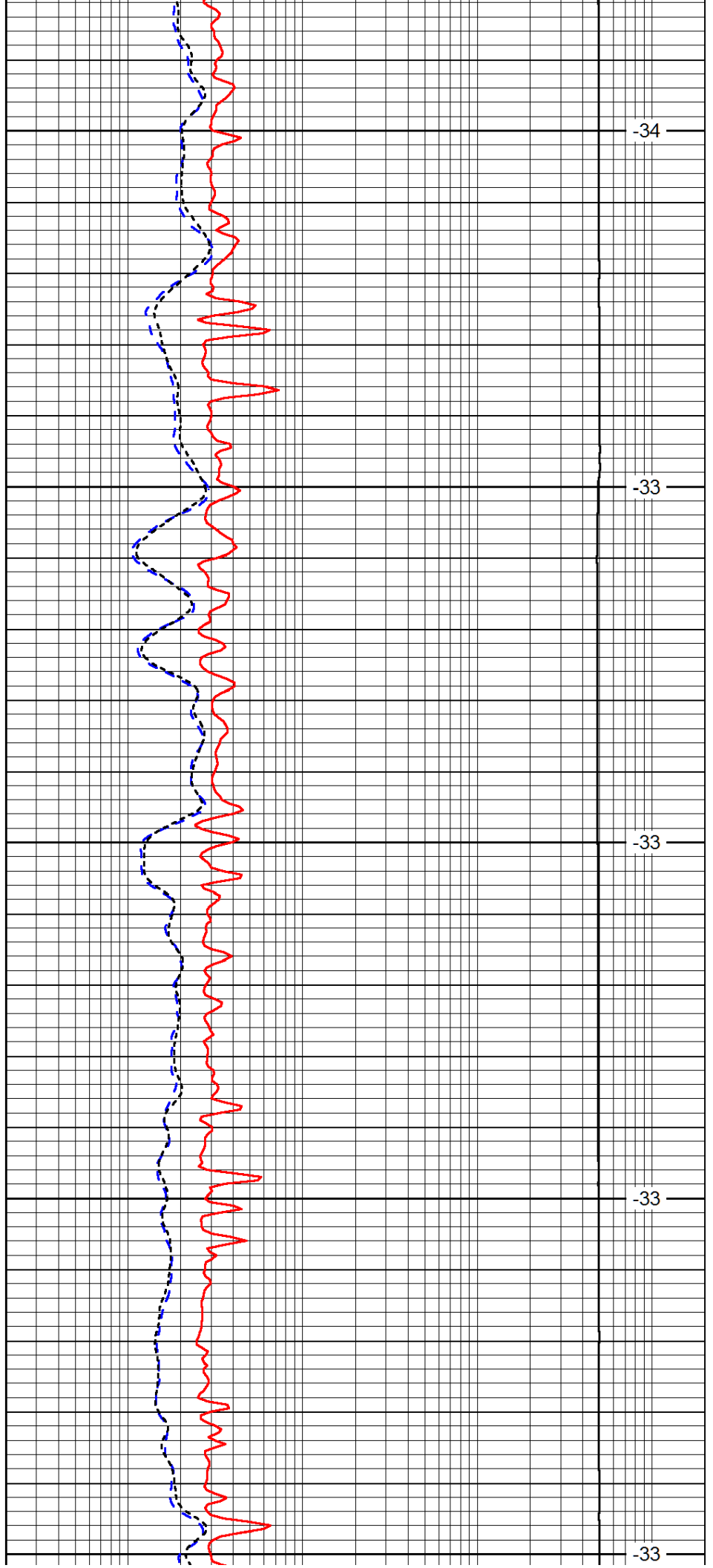
1750

1800

1850

1900

1950



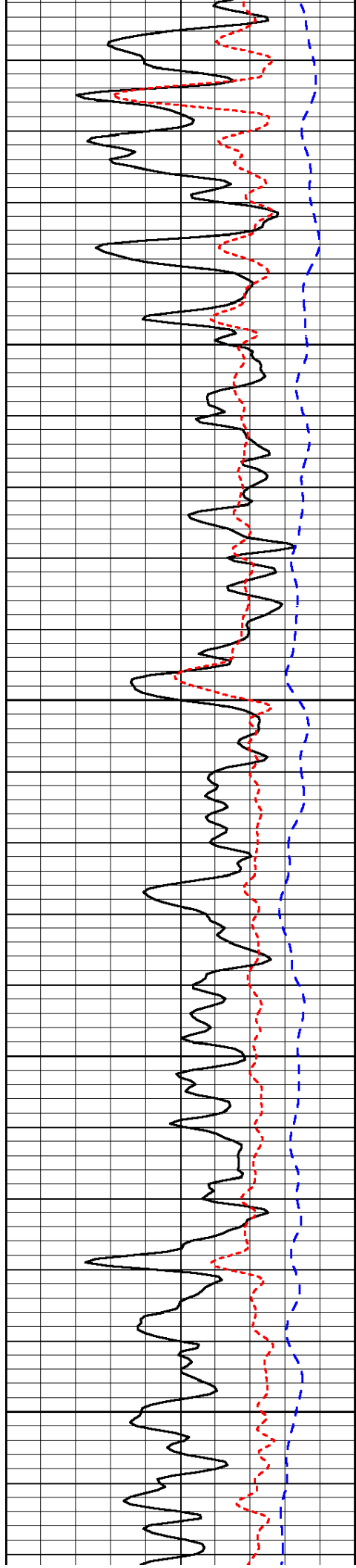
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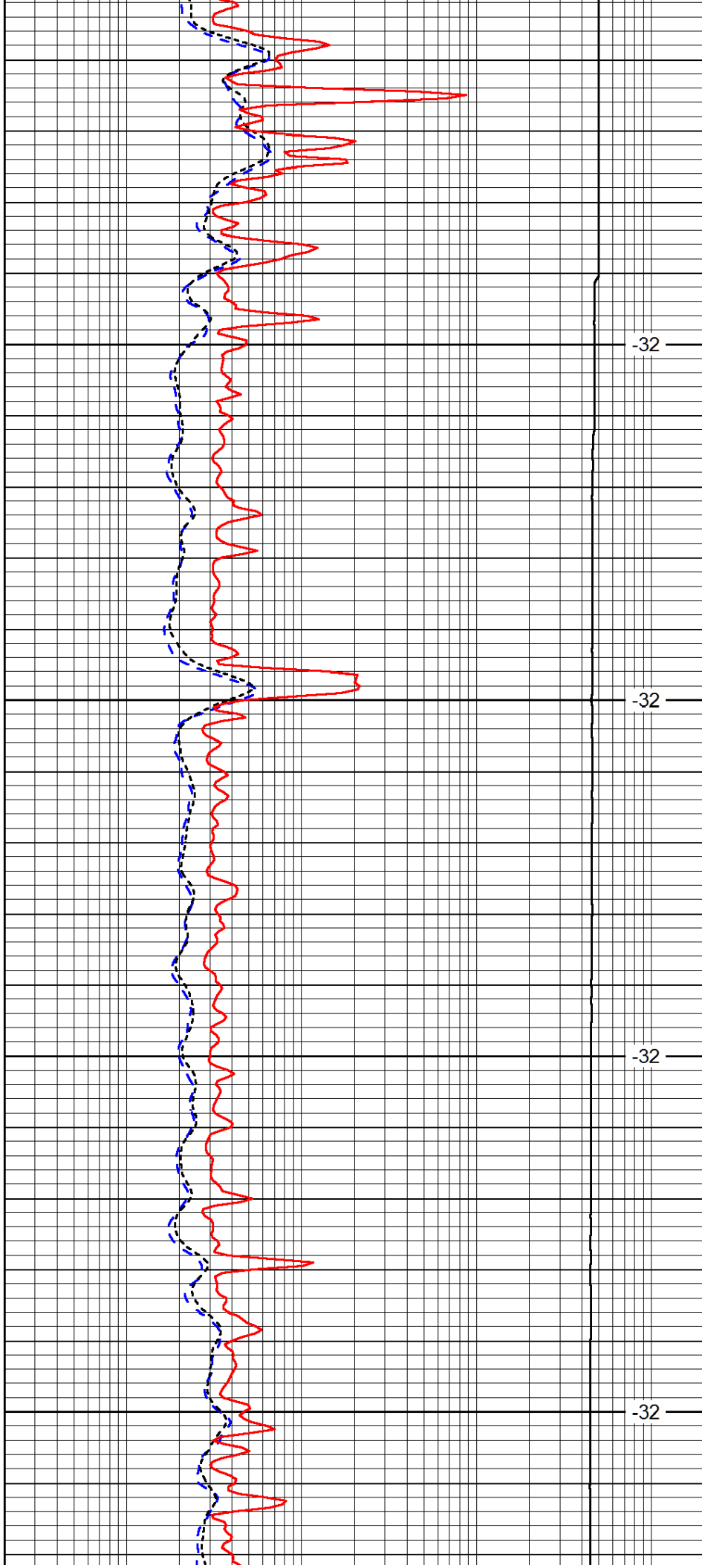


2000

2050

2100

2150

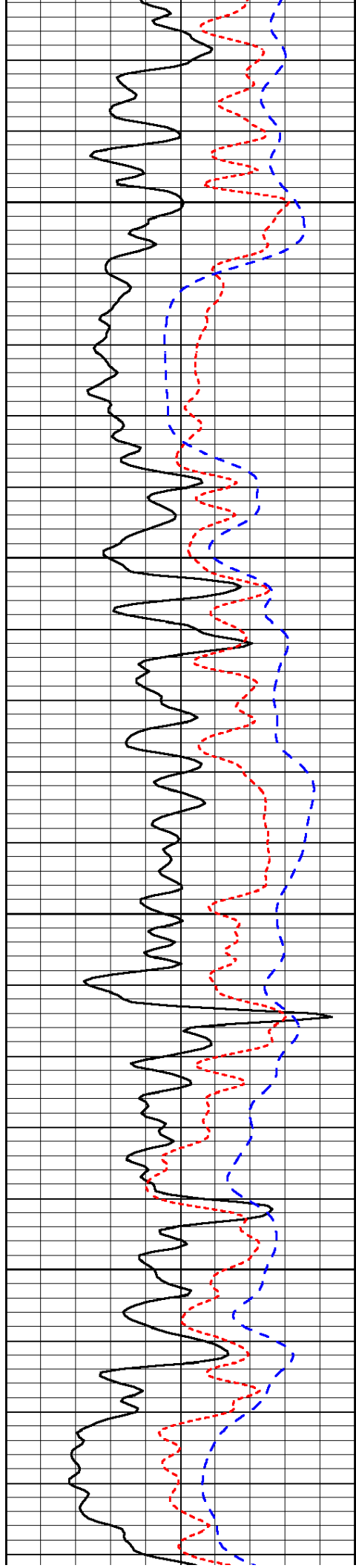


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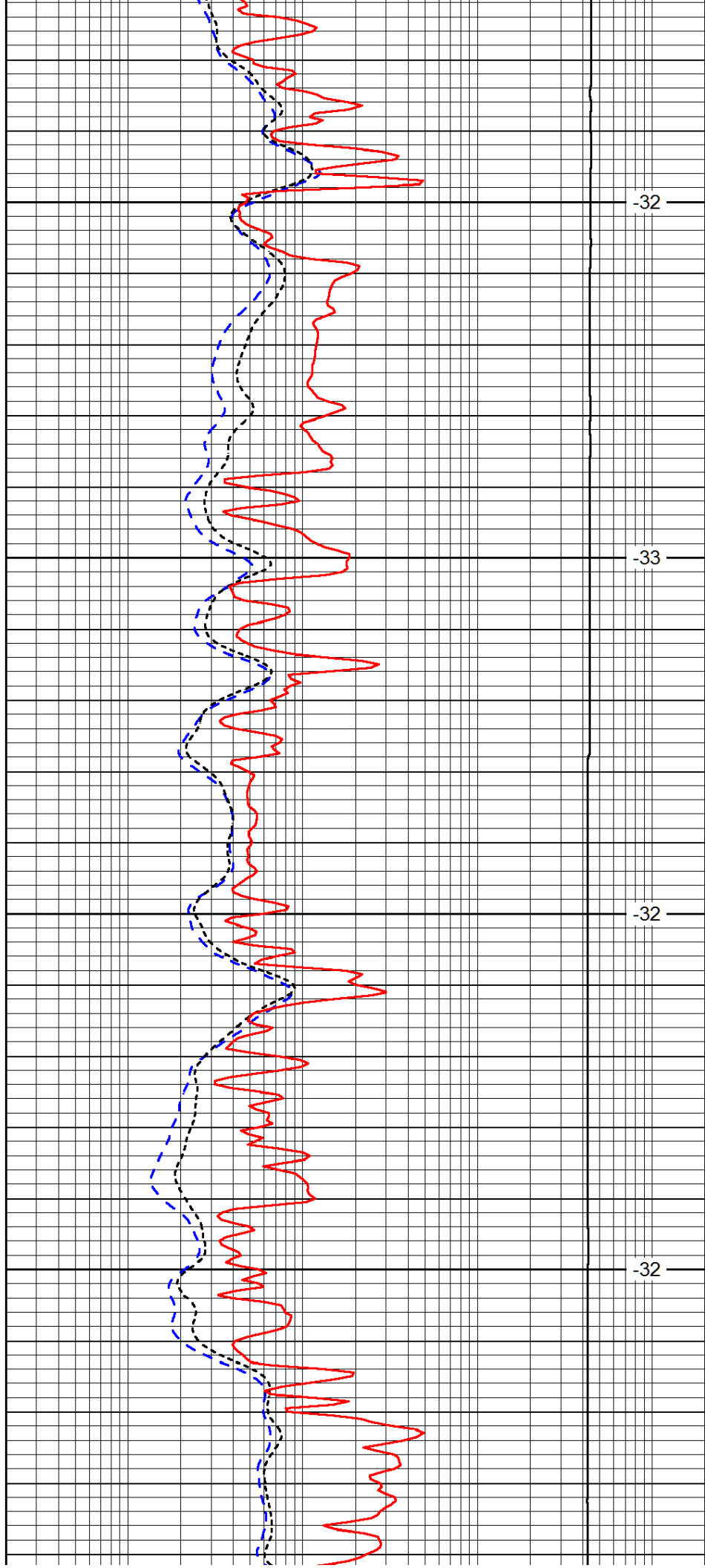


2200

2250

2300

2350

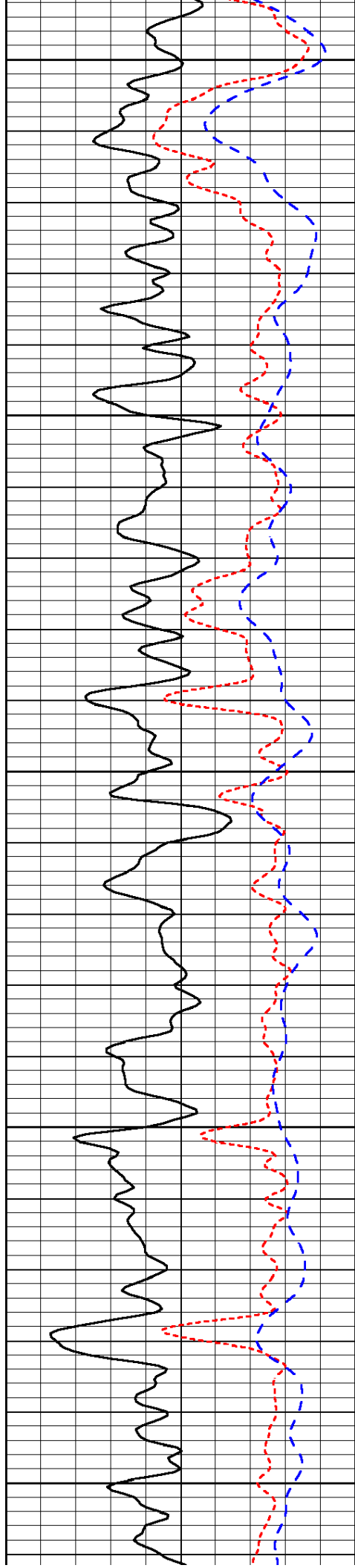


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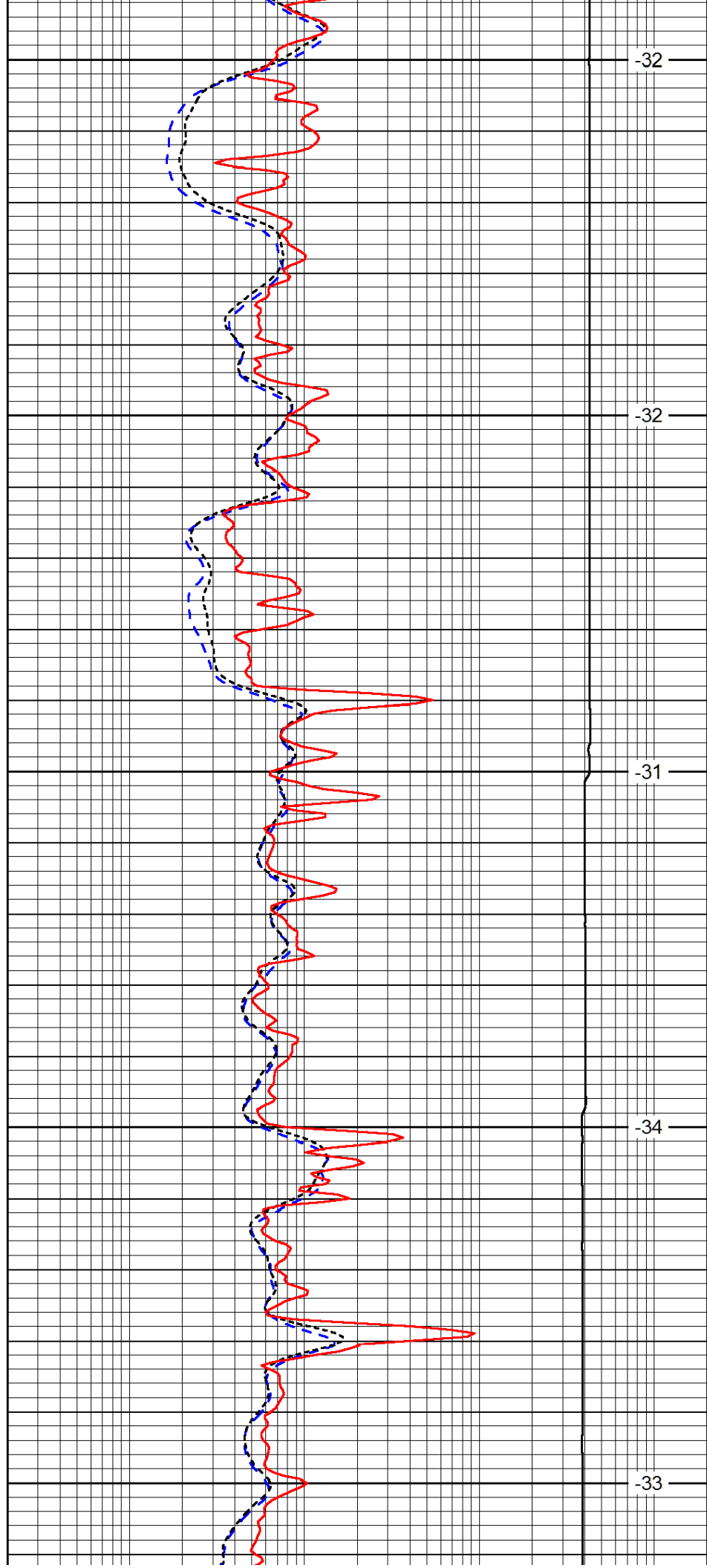
2400

2450

2500

2550

2600



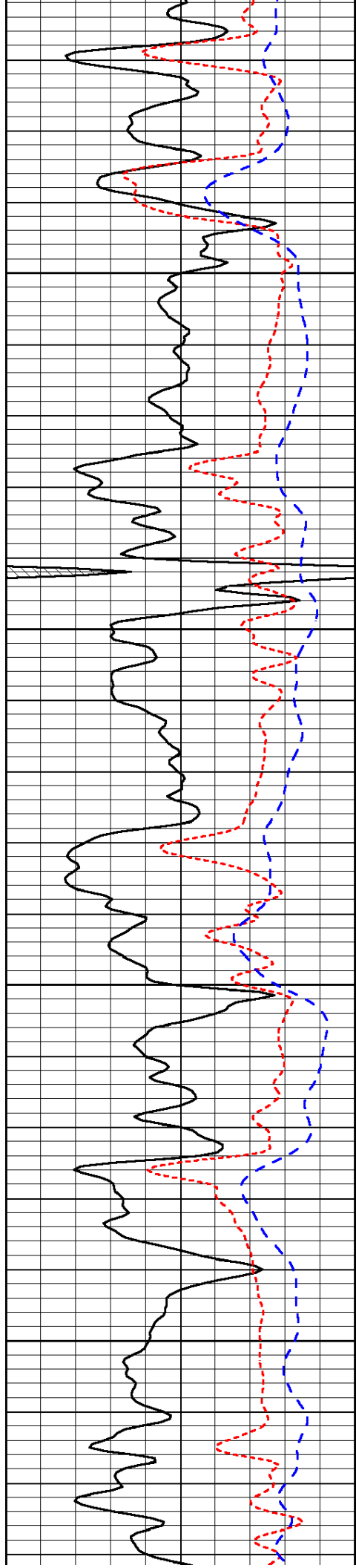
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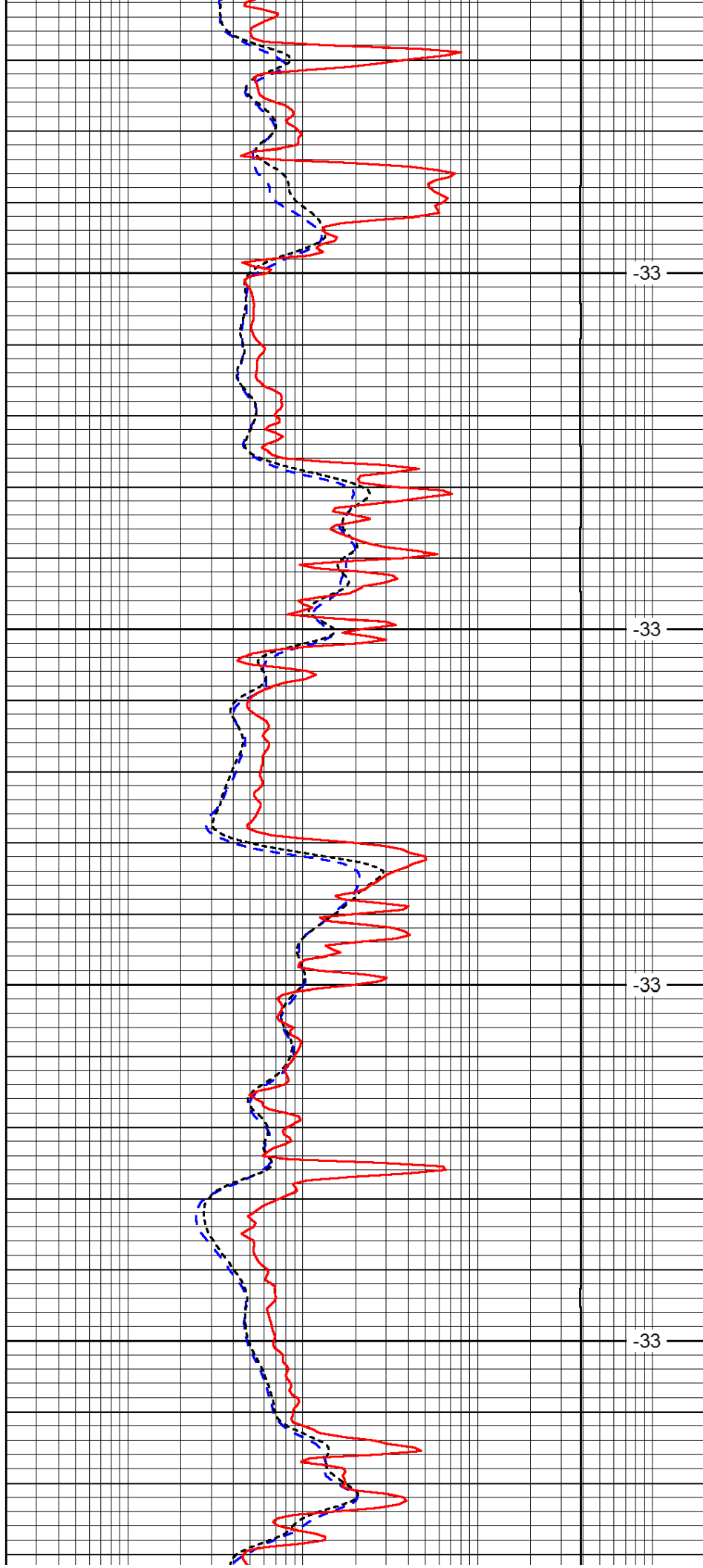


2650

2700

2750

2800

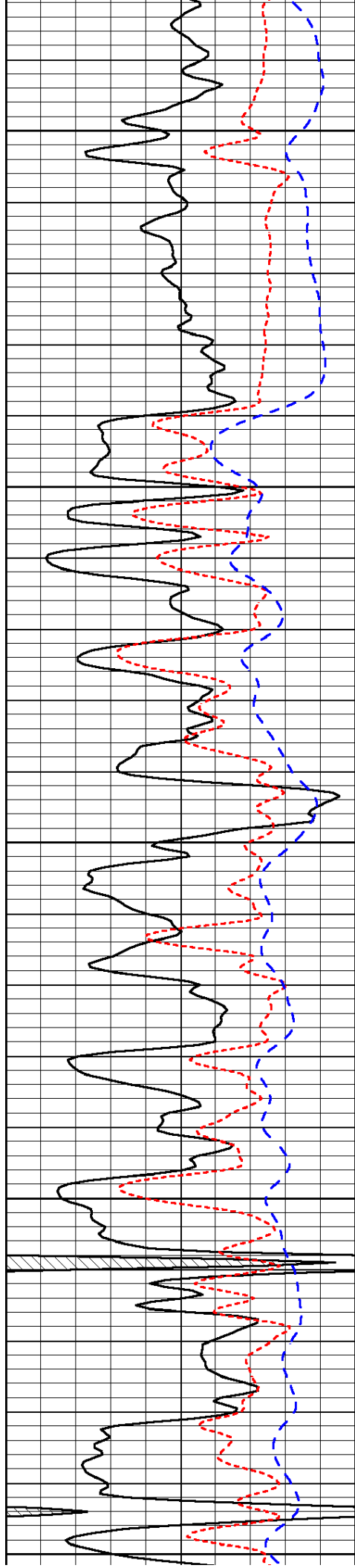


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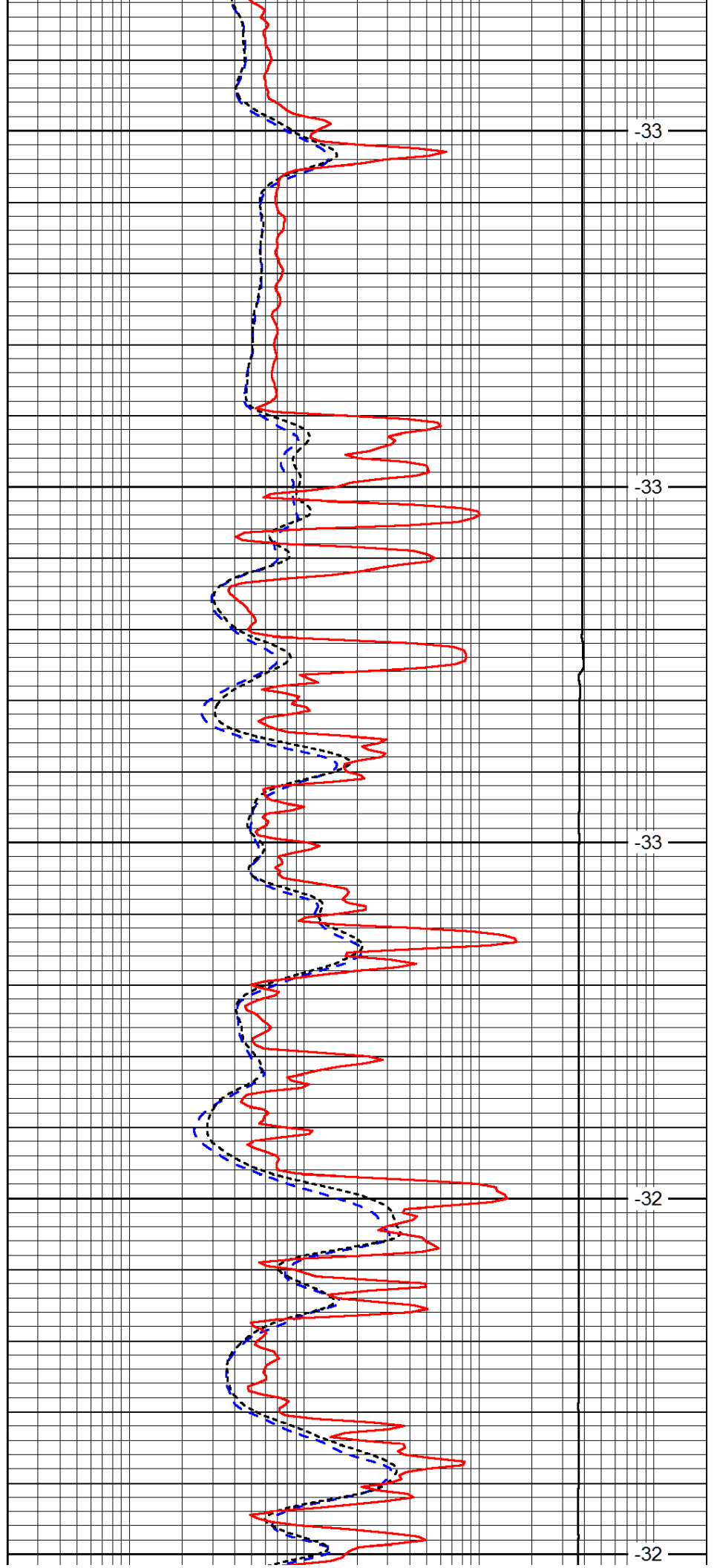
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2900

2950

3000

3050



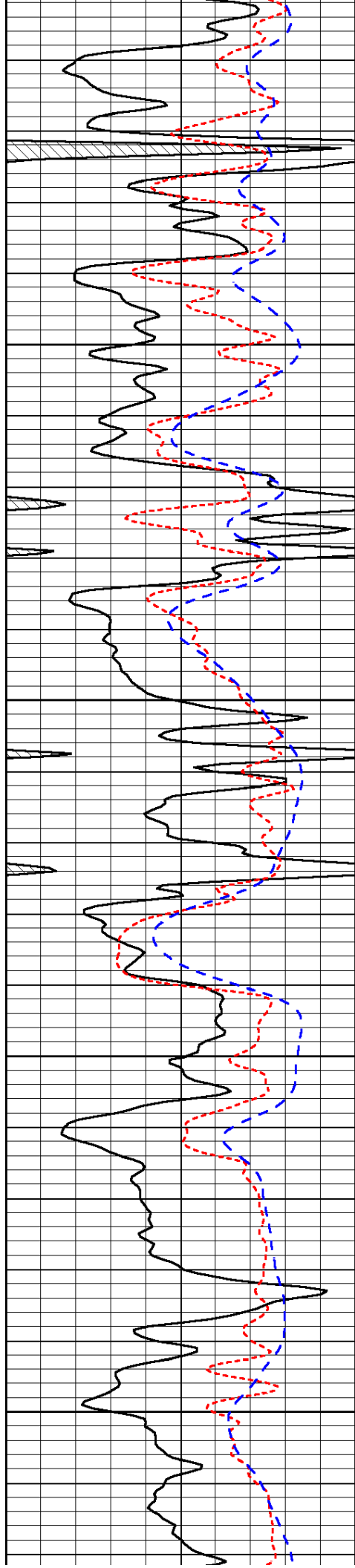
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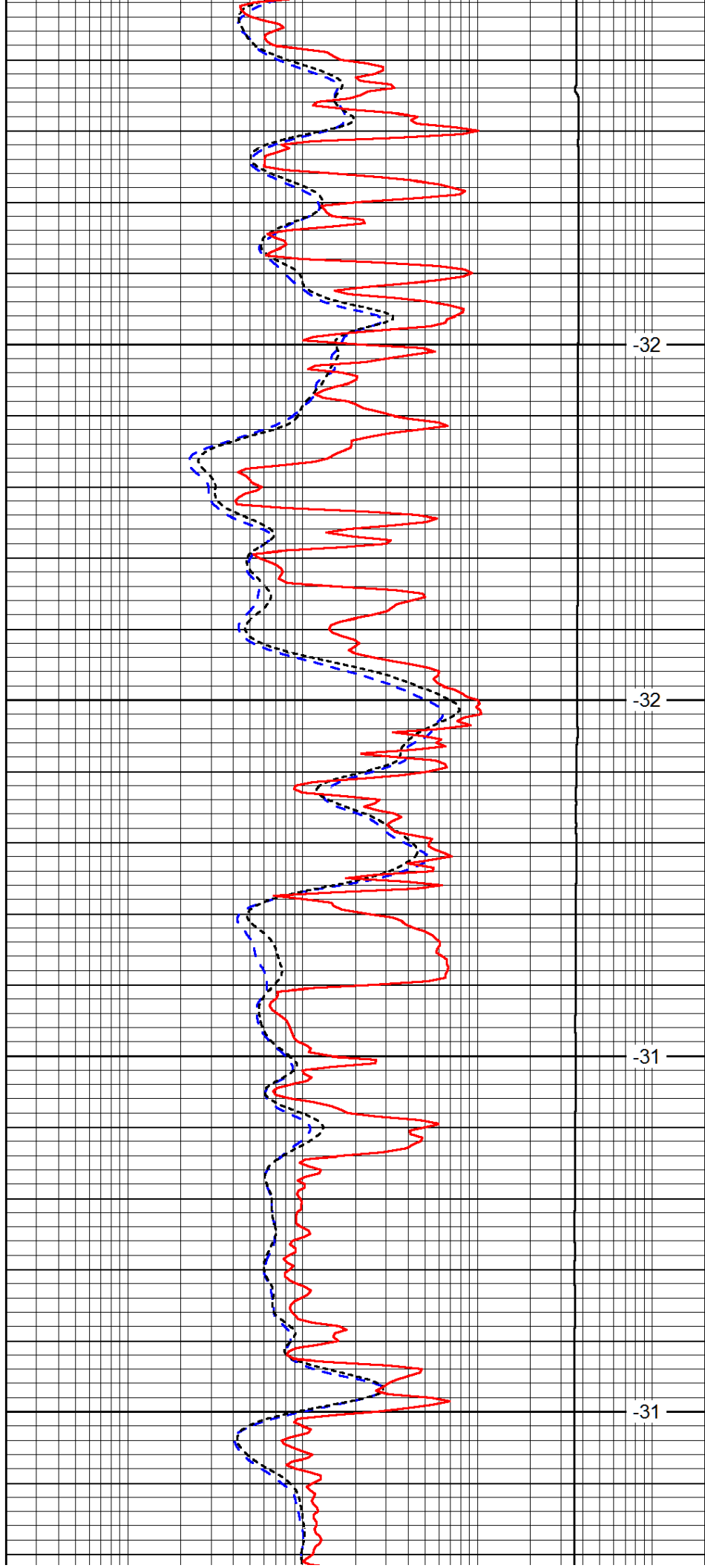


3100

3150

3200

3250

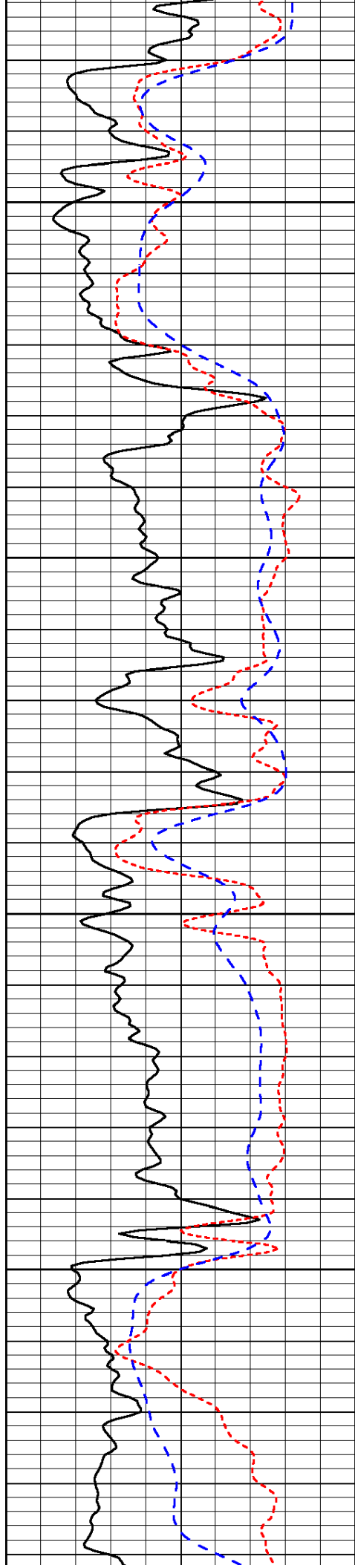


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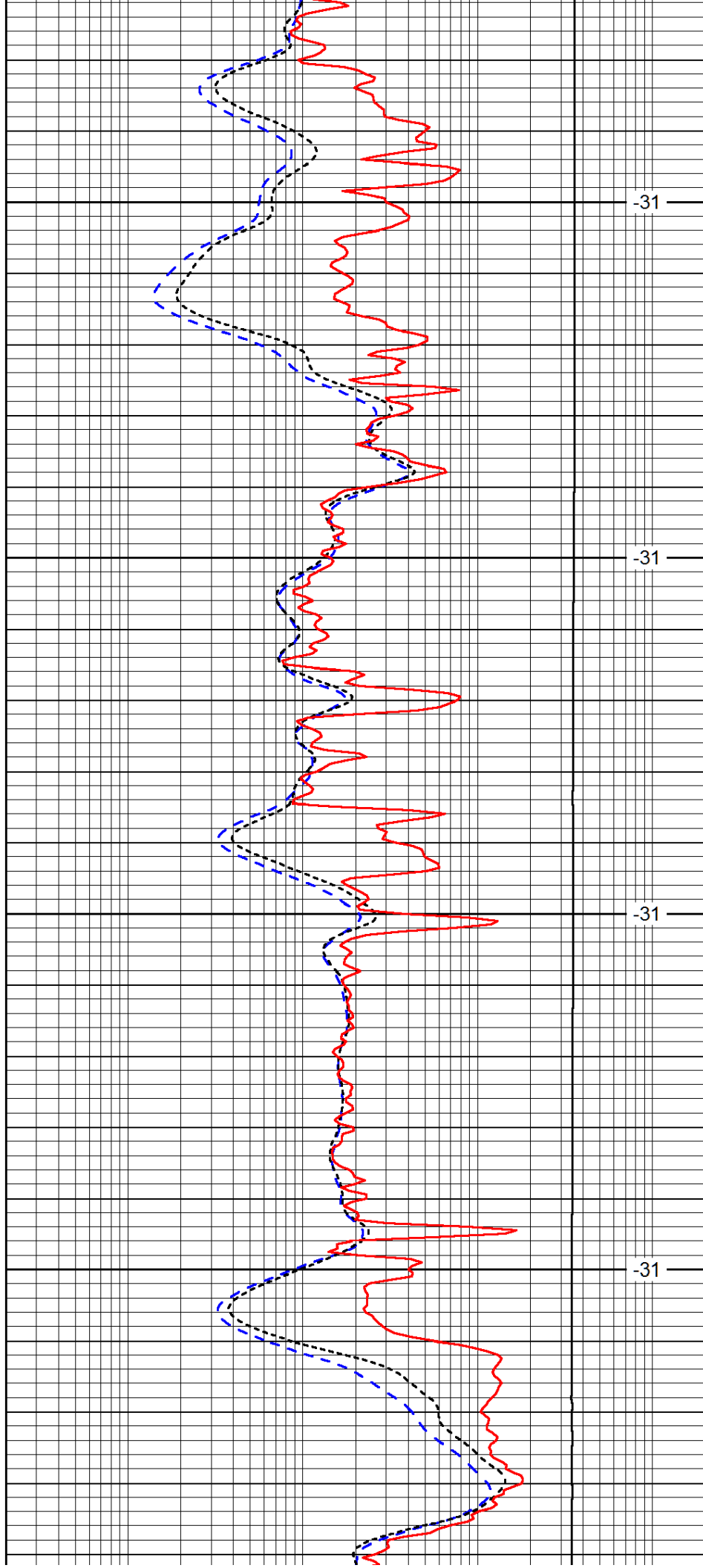


3300

3350

3400

3450

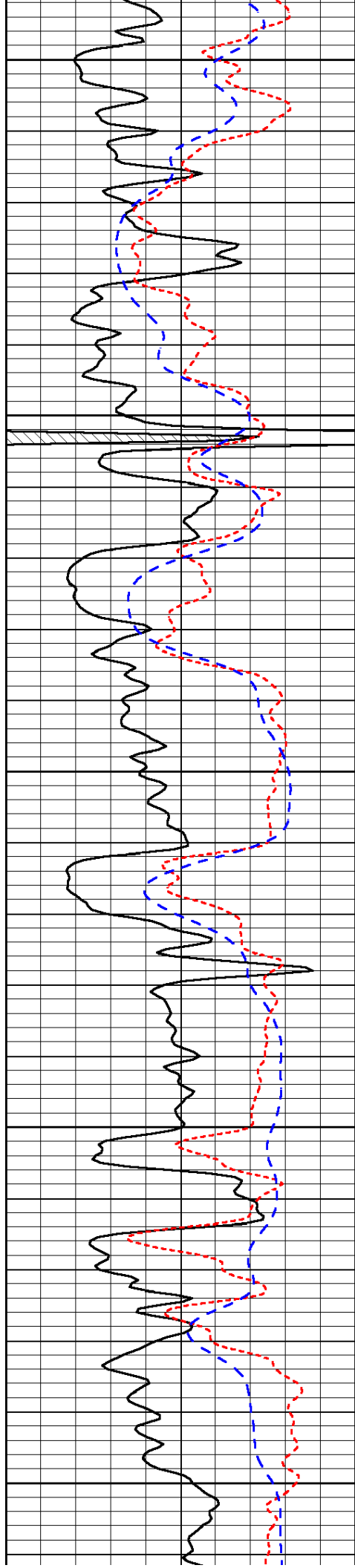


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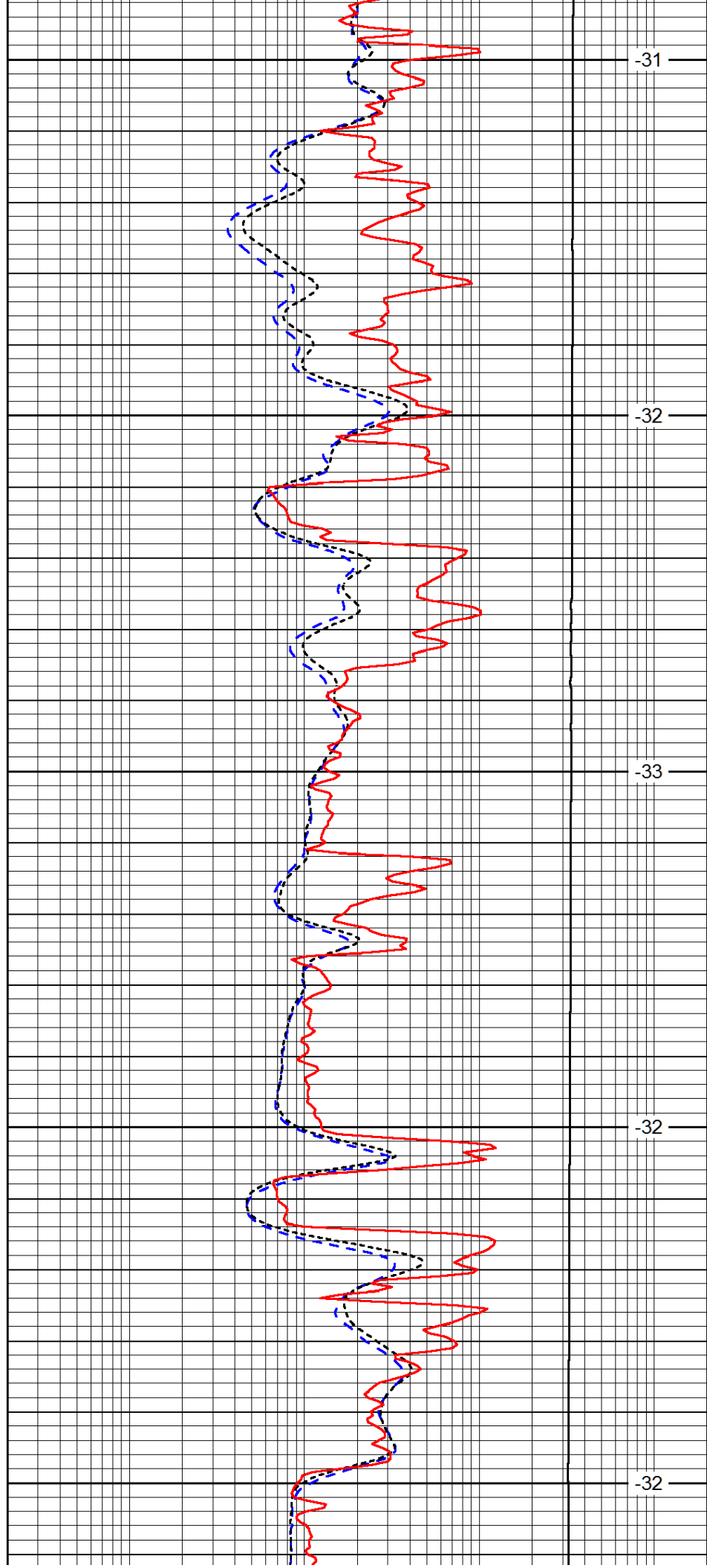
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3550

3600

3650

3700



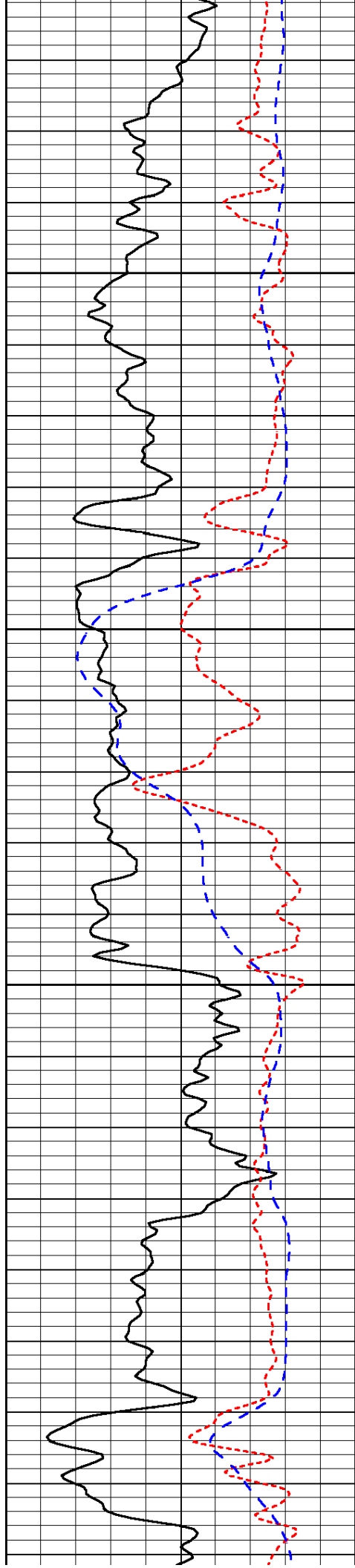
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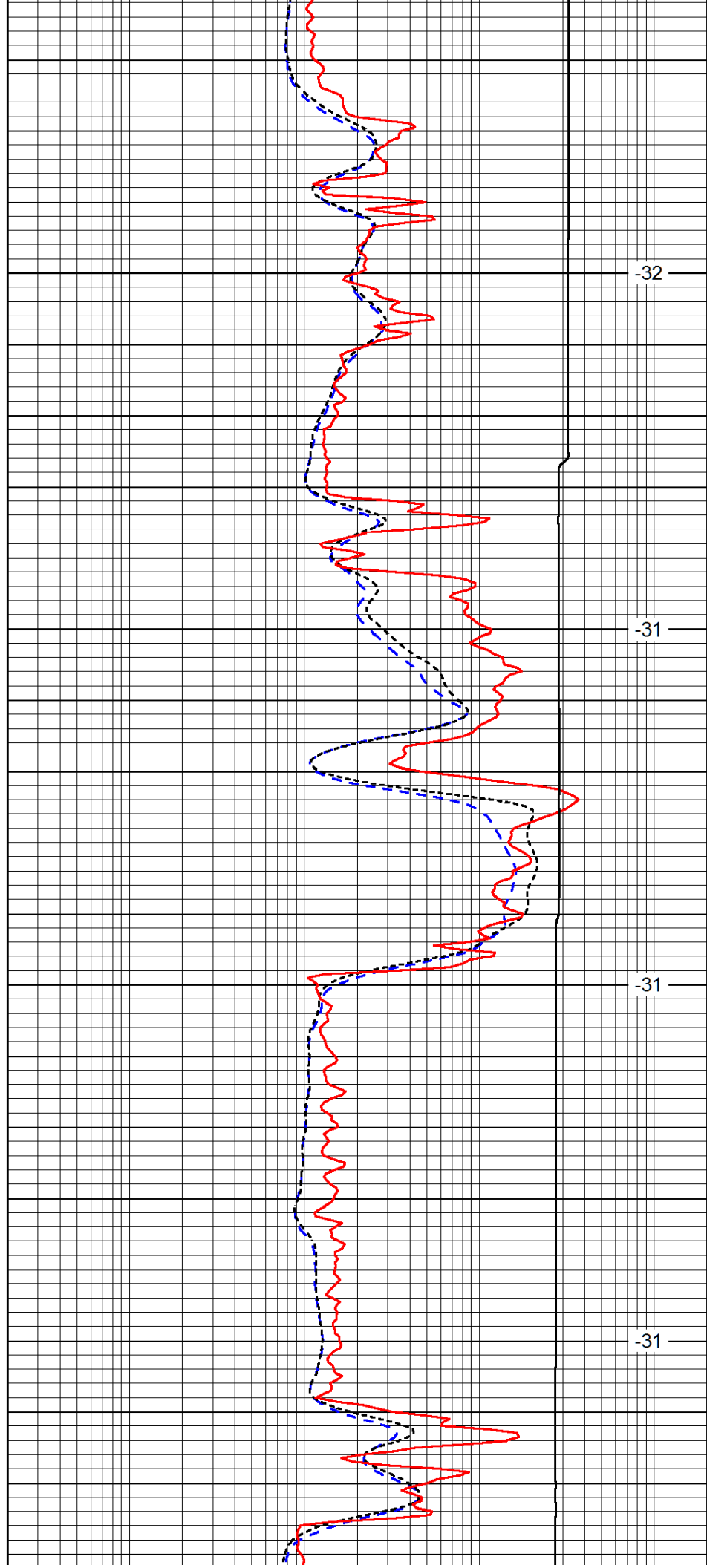


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3800

3850

3900

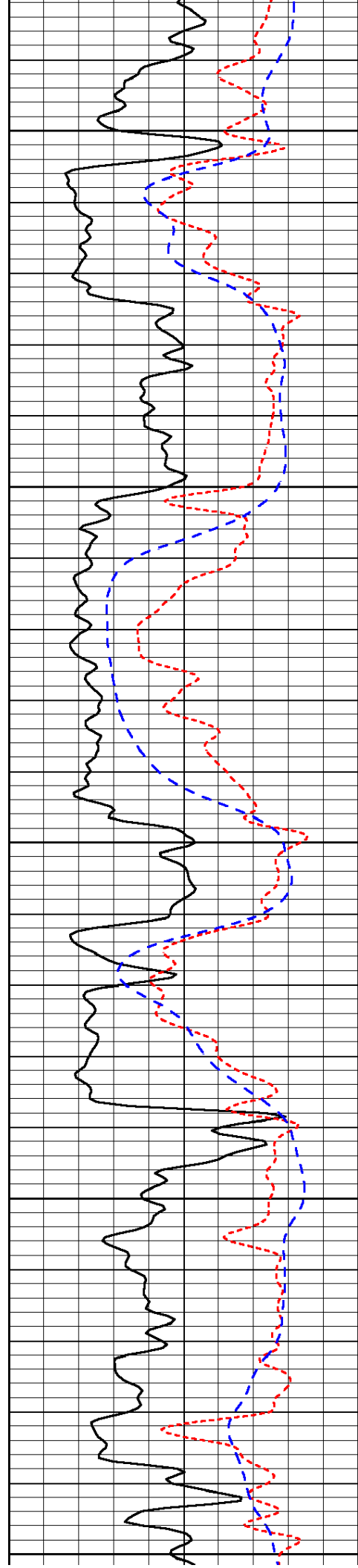


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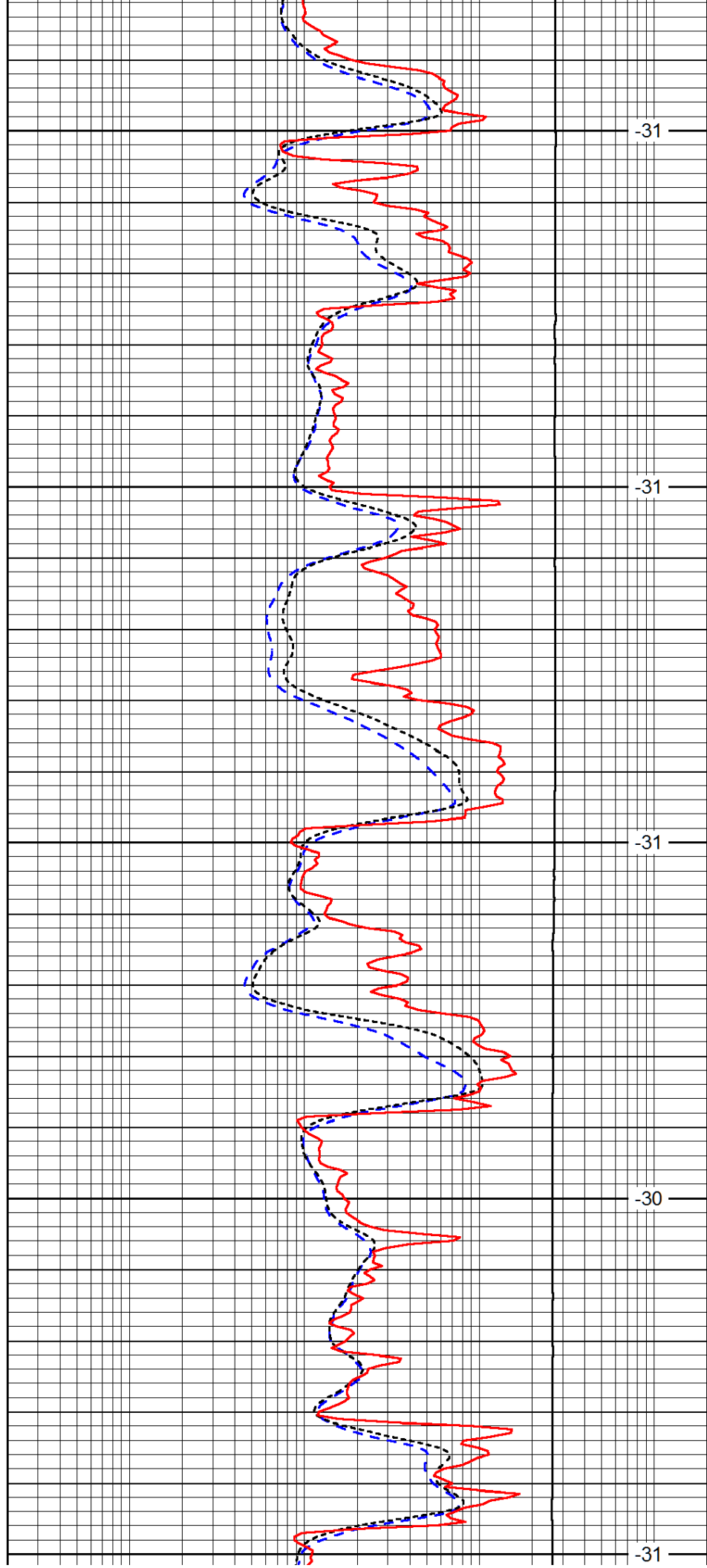
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4000

4050

4100

4150



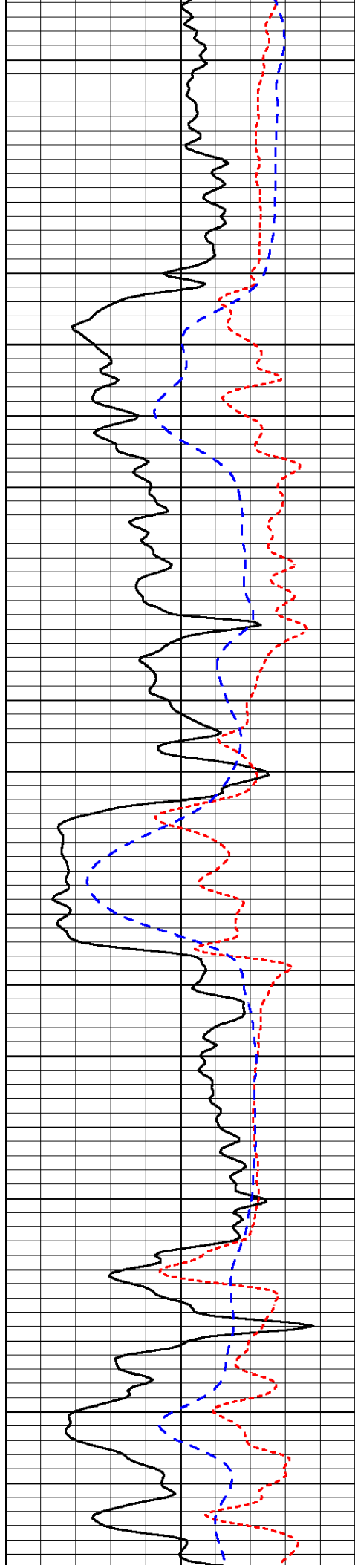
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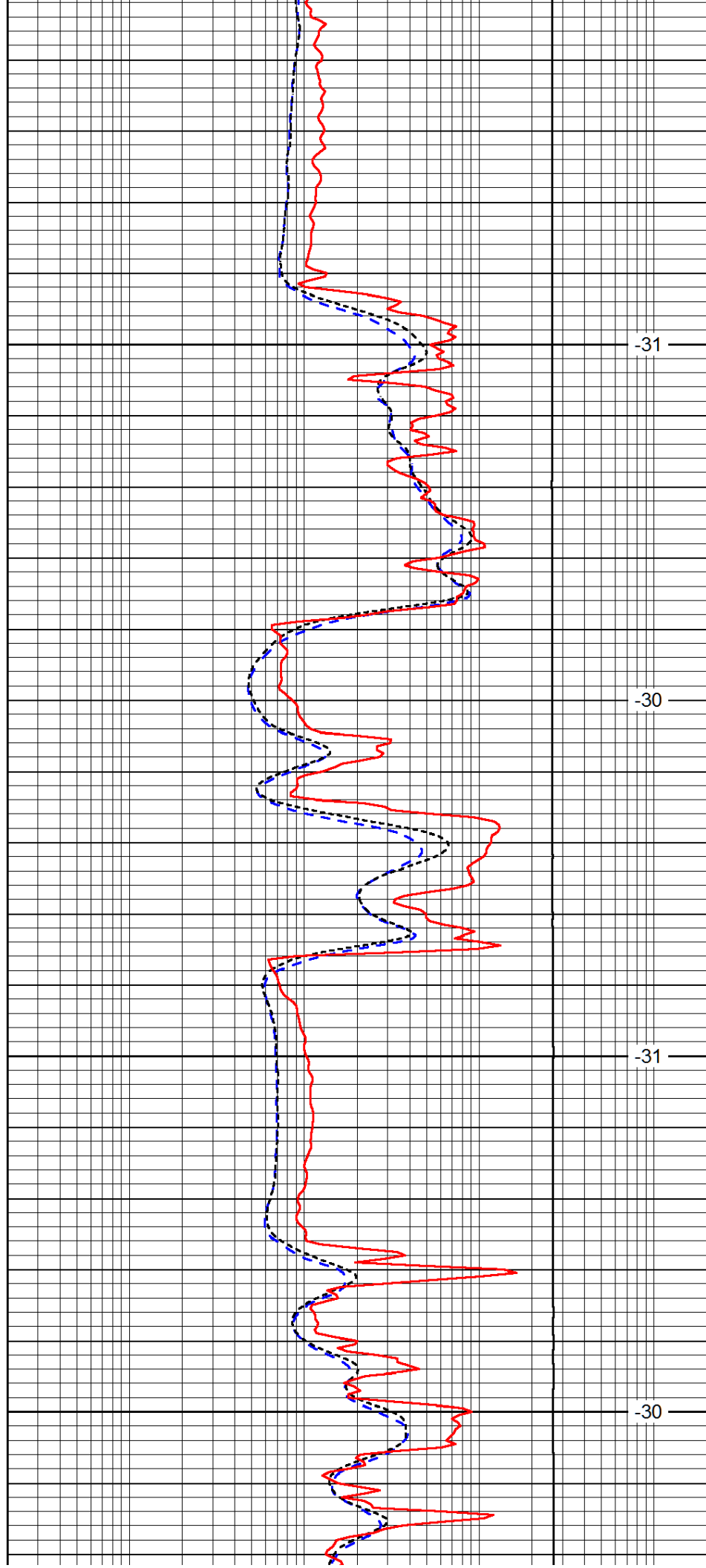


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4250

4300

4350

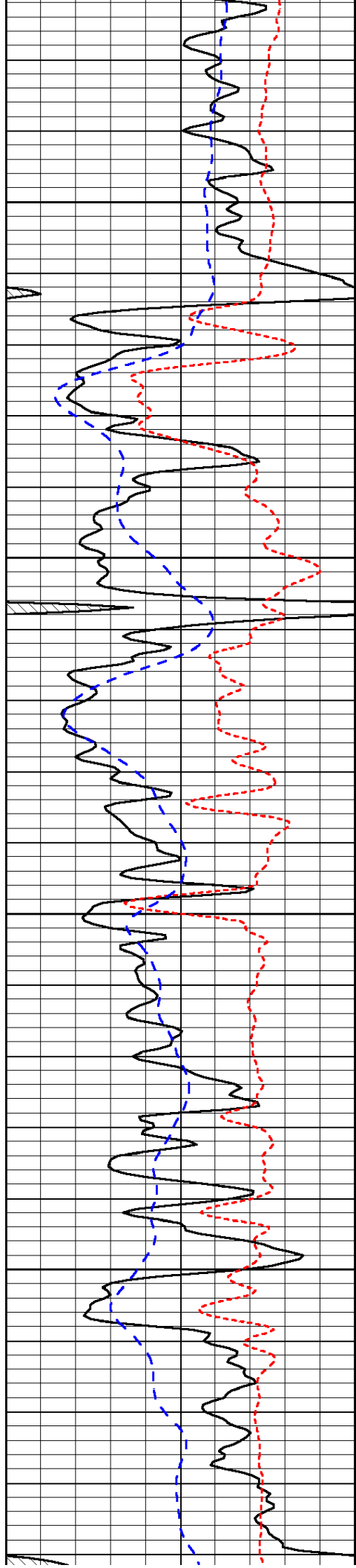


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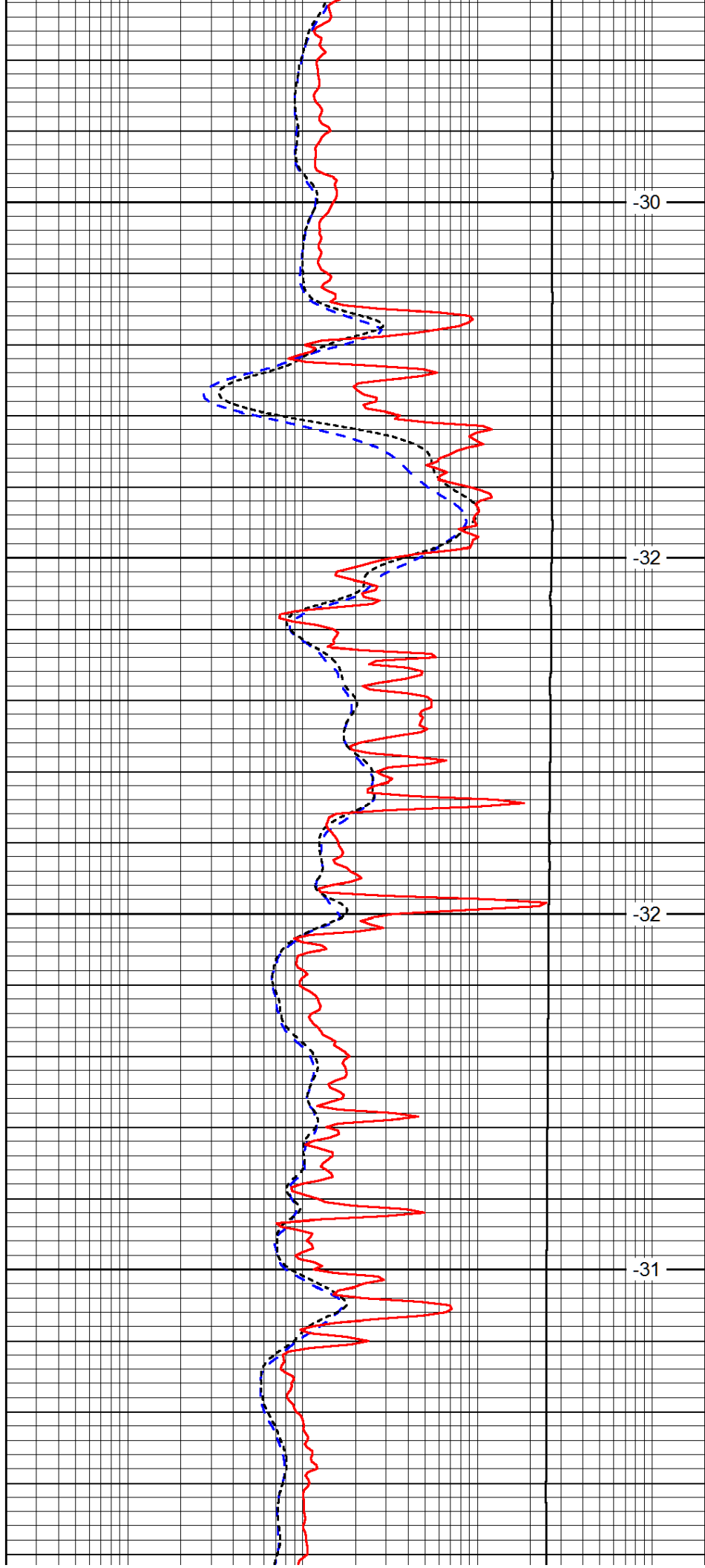


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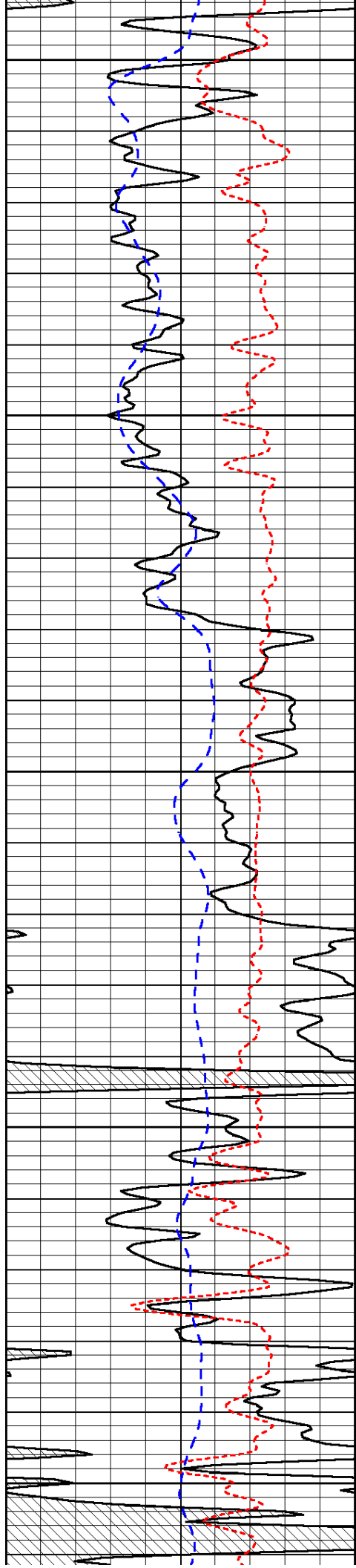


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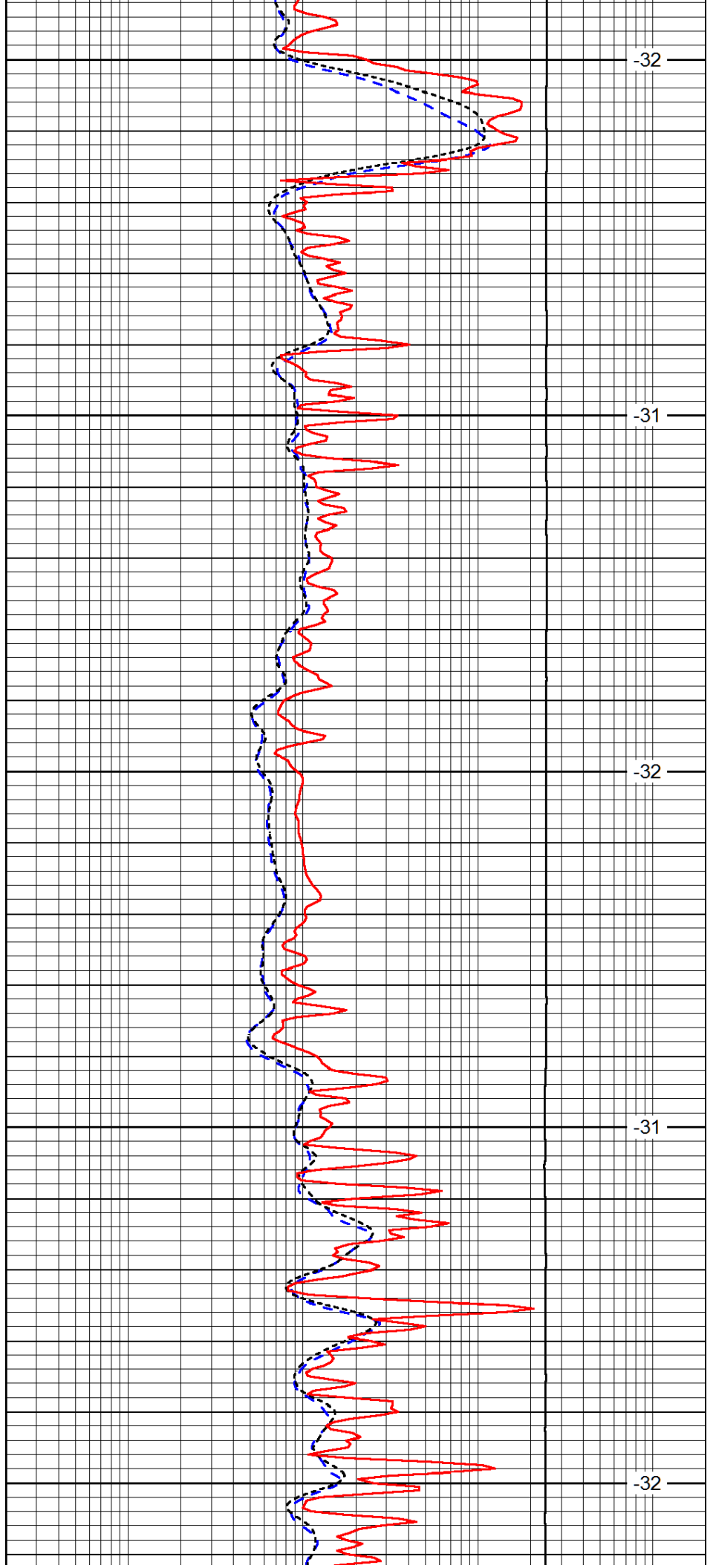
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4700

4750

4800



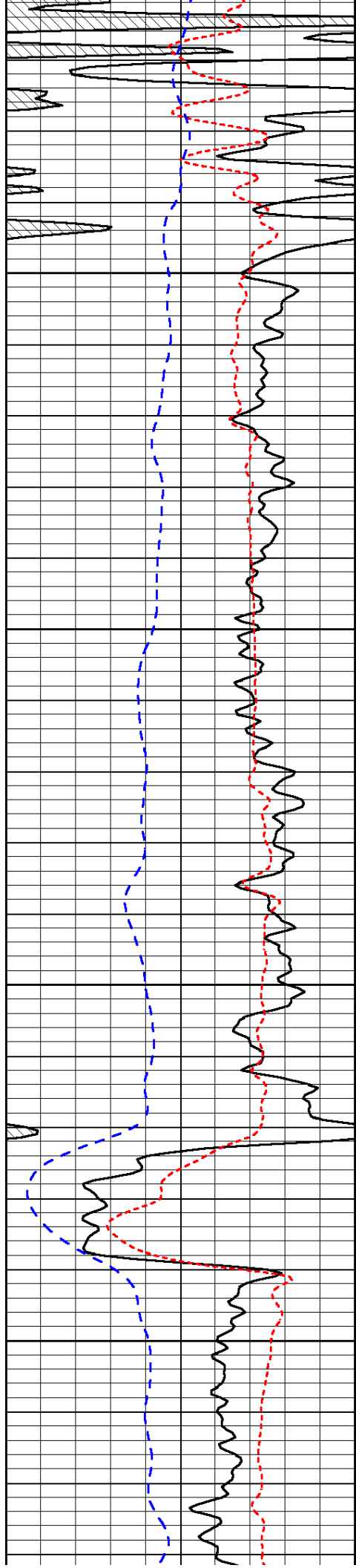
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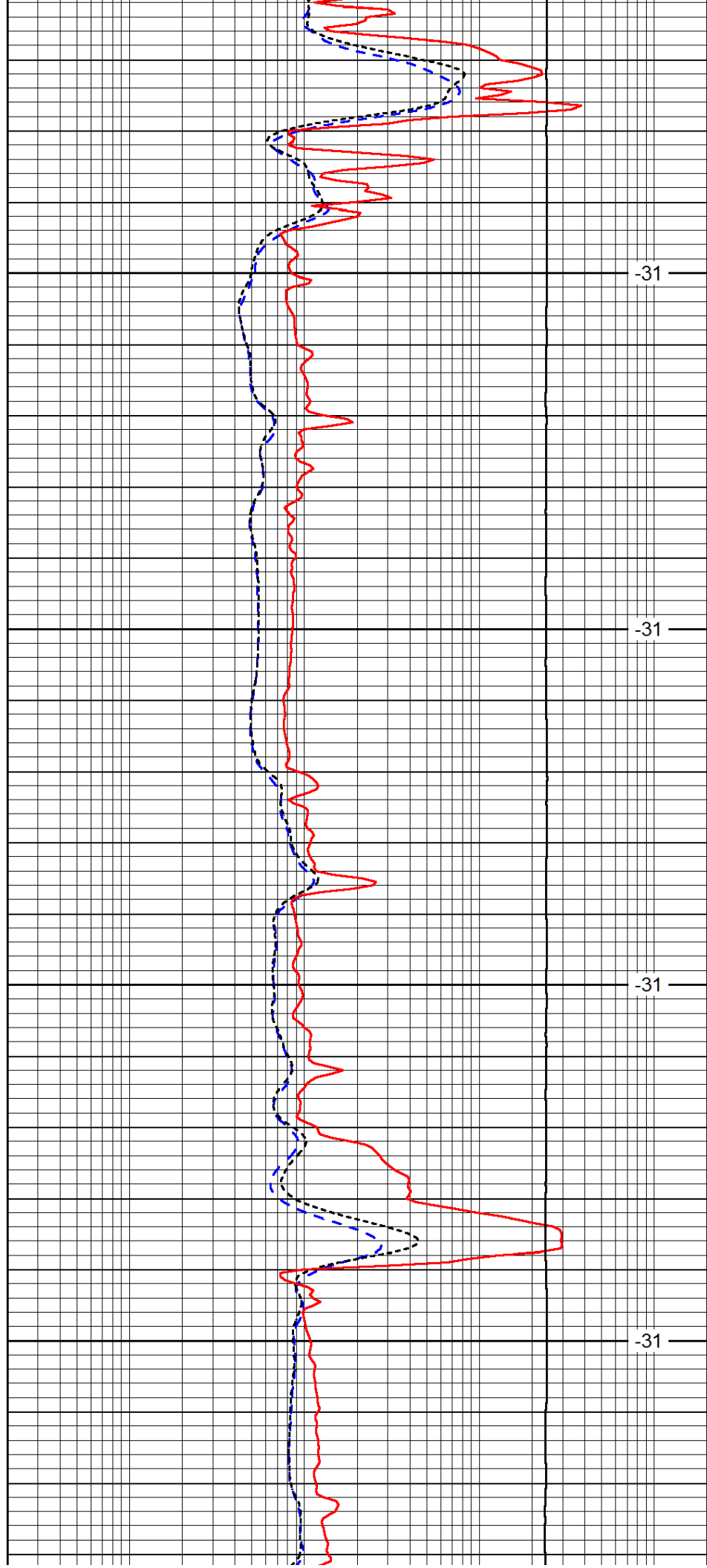


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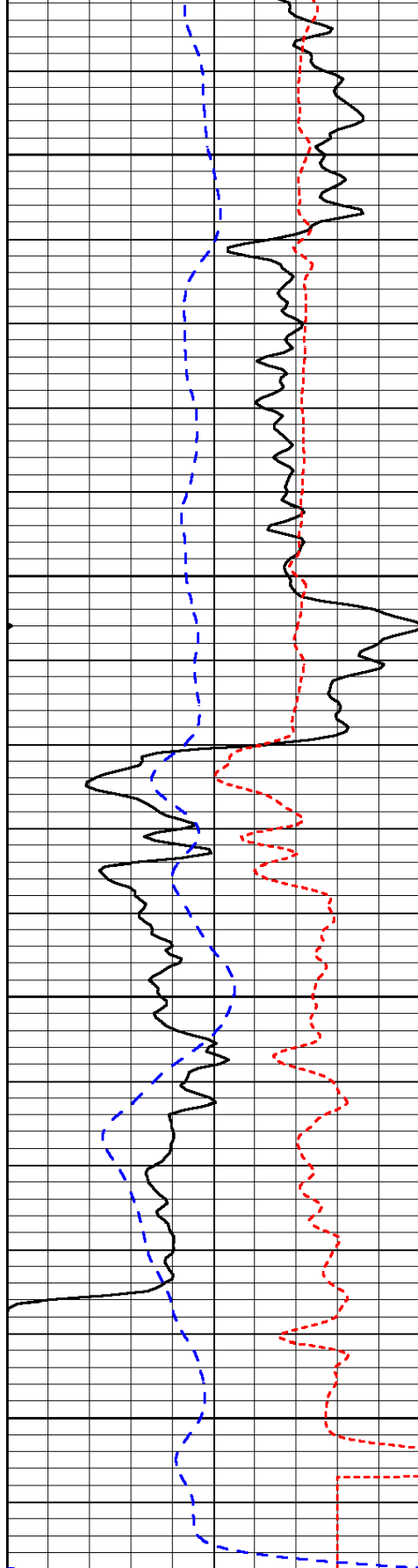


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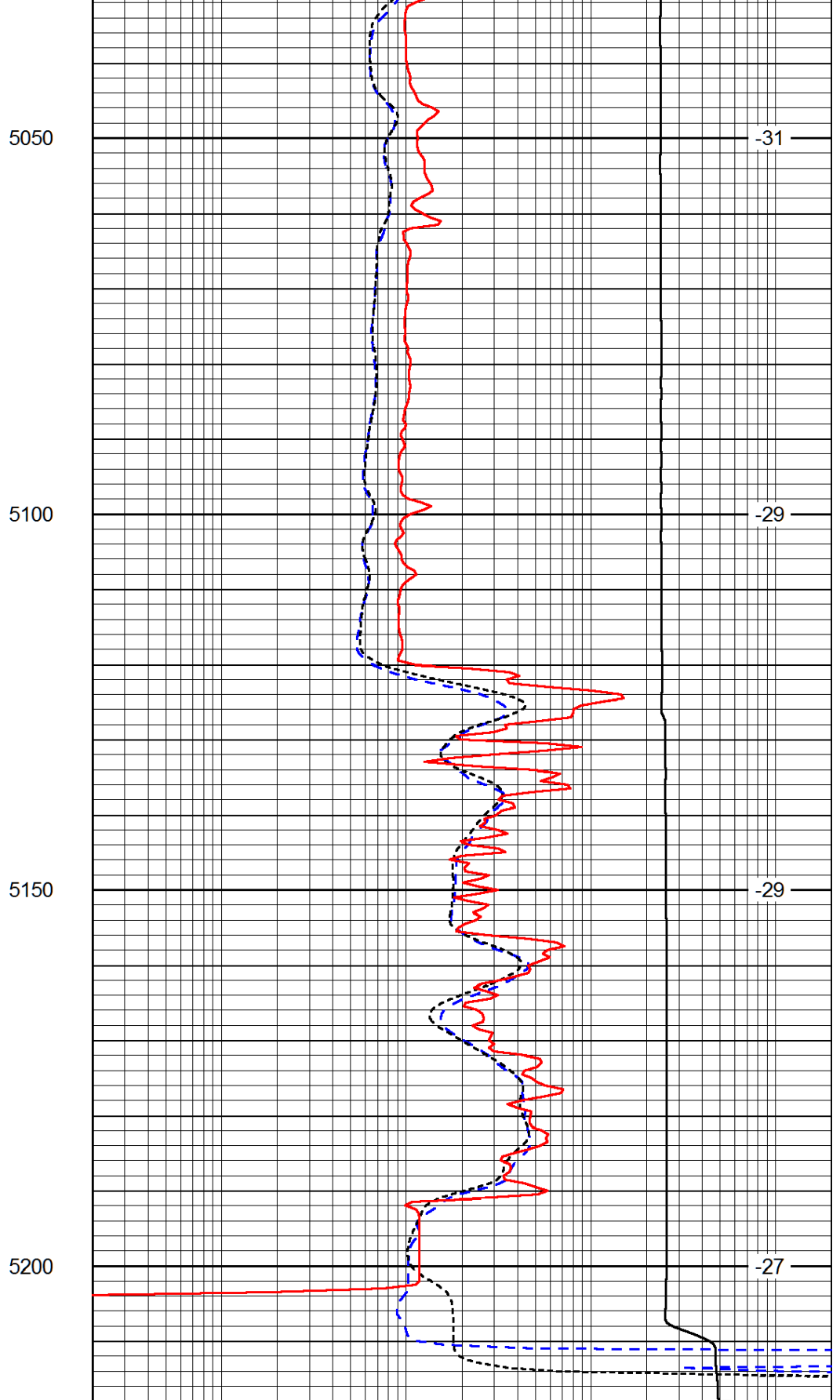
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