

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-141-20435-00-00

Company Murfin Drilling Company, Inc.

Well #1-28 Ison

Field Wildcat

County Osborne State Kansas

Location 1500' FNL / 1440' FEL

Sec: 28

Twp: 9S

Rge: 15W

Other Services
CNL / CDL
MEL / BHCS

Permanent Datum

Ground Level

Elevation 1995

Log Measured From Kelly Bushing

5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 2000
D.F. 1995
G.L. 1995

Date

8/20/2011

Run Number

One

Depth Driller

3850

Depth Logger

3852

Bottom Logged Interval

3851

Top Log Interval

0

Casing Driller

8.625 @ 217

Casing Logger

215

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

3500

Density / Viscosity

9.3 69

pH / Fluid Loss

10.5 5.4

Source of Sample

Flowline

Rm @ Meas. Temp

1.00 @ 85

Rmf @ Meas. Temp

0.75 @ 85

Rmc @ Meas. Temp

1.35 @ 85

Source of Rmf / Rmc

Charts

Rm @ BHT

0.74 @ 115

Operating Rig Time

5 Hours

Max Rec. Temp. F

115

Equipment Number

15

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Paul Gunzelman

<<< 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

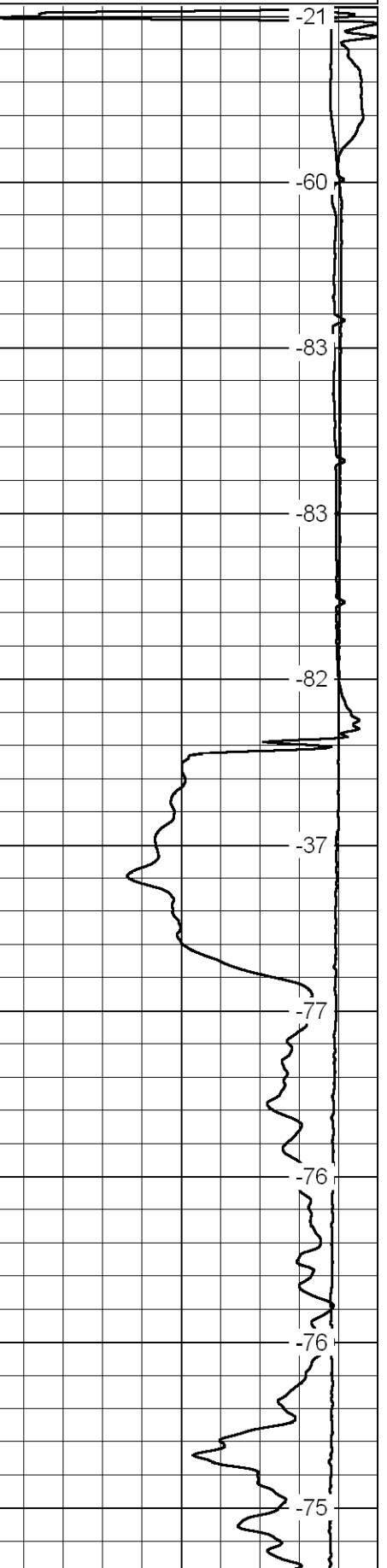
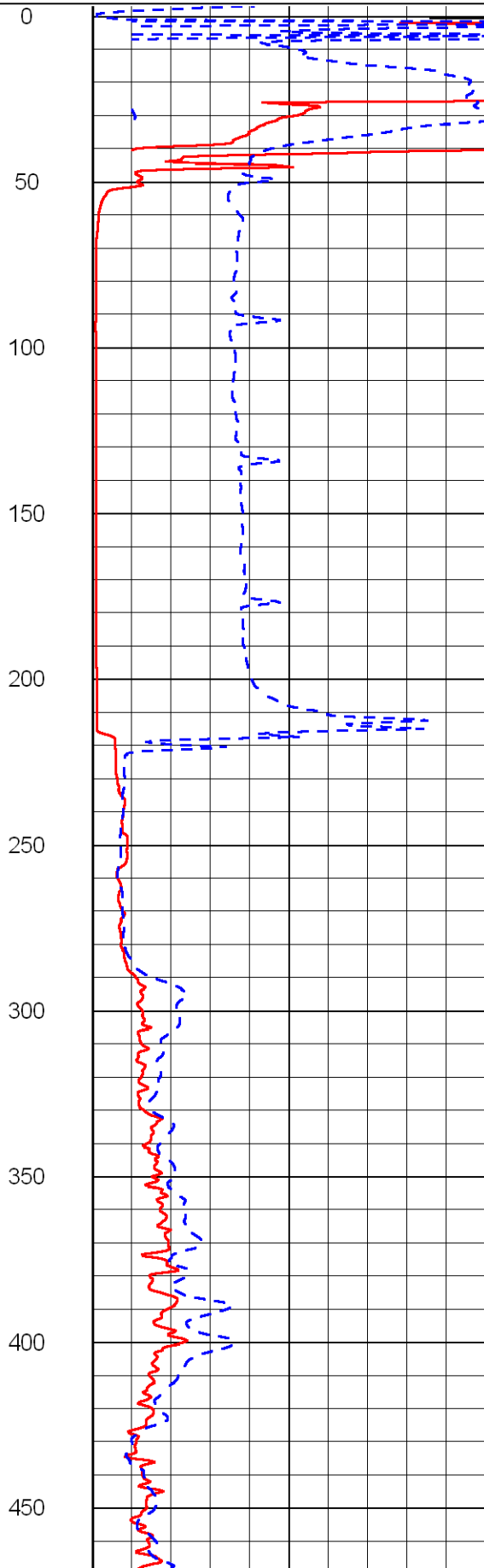
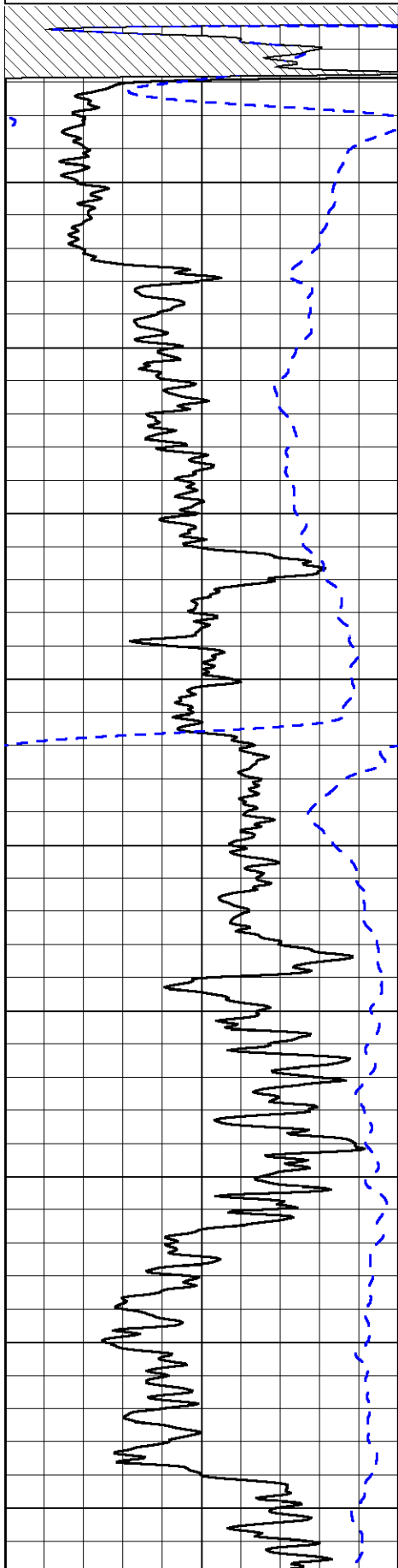
Natoma, KS:
4 1/2N on 657, 3/4E on 404, S into

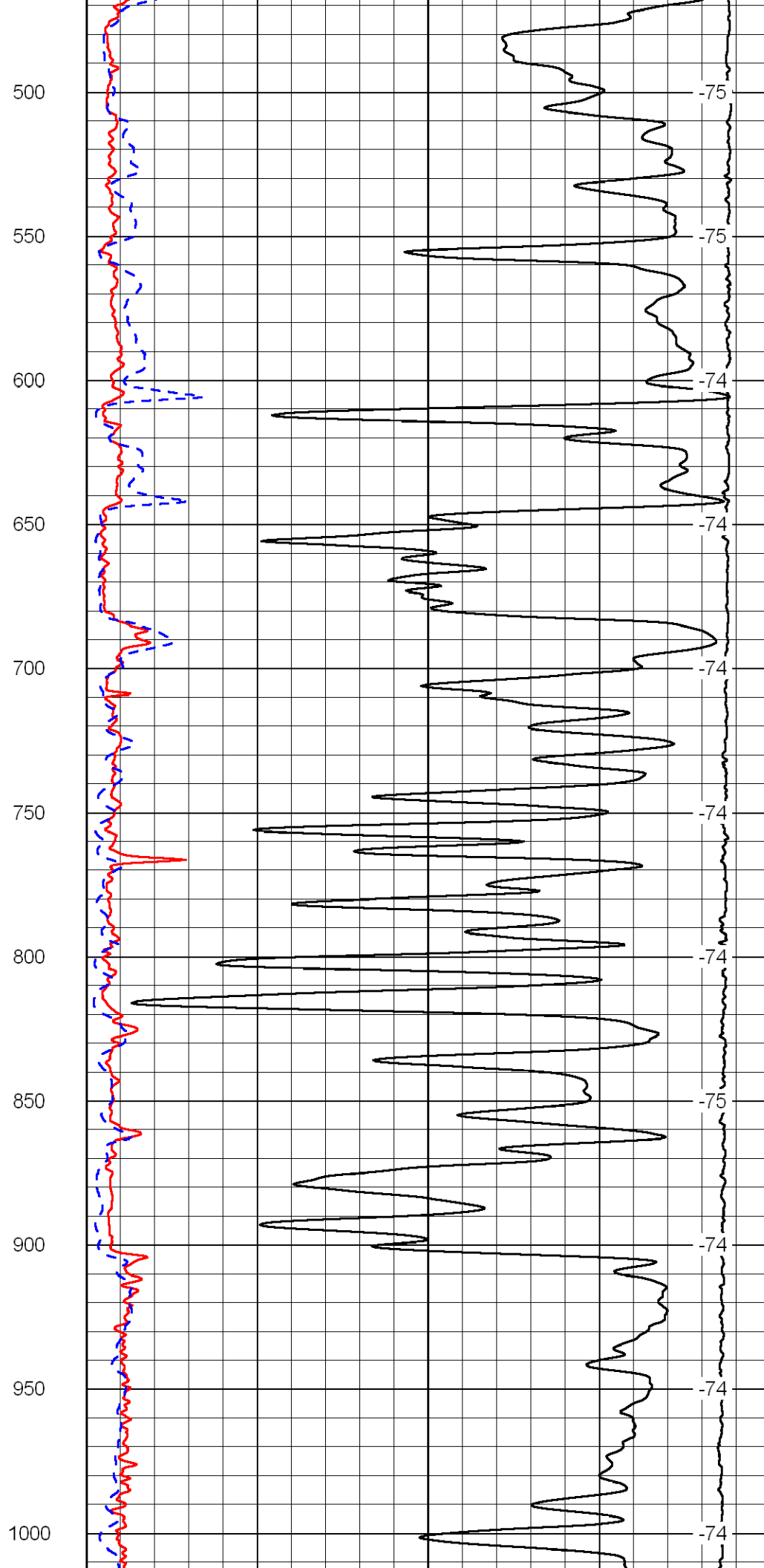
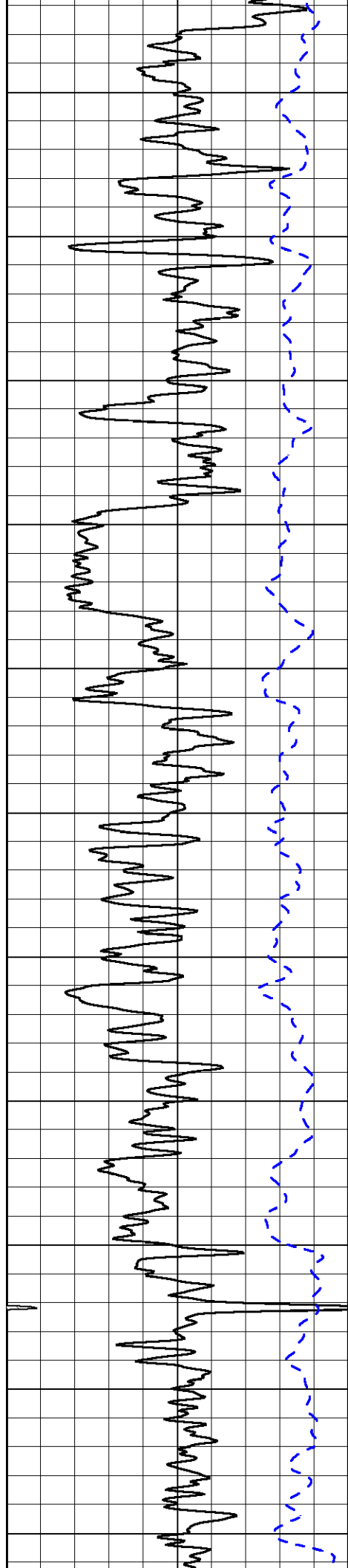
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Presentation Format: dil2in
Dataset Creation: Sat Aug 20 09:13:19 2011
Charted by: Depth in Feet scaled 1:600

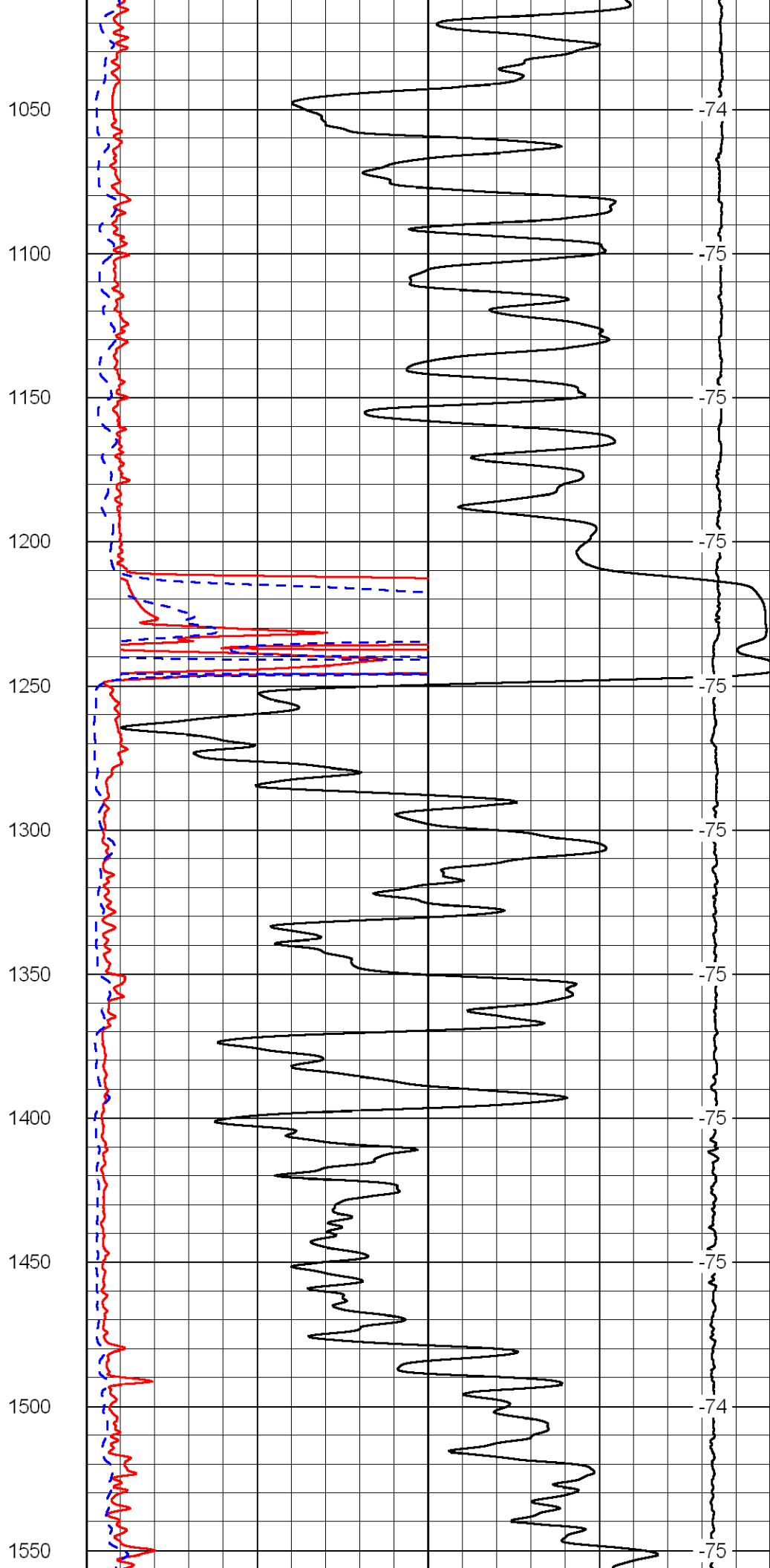
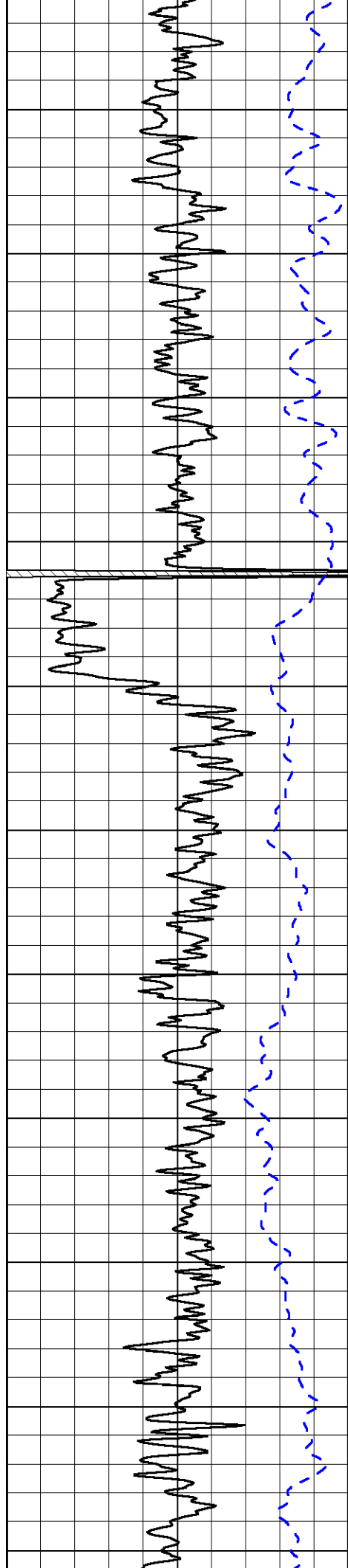
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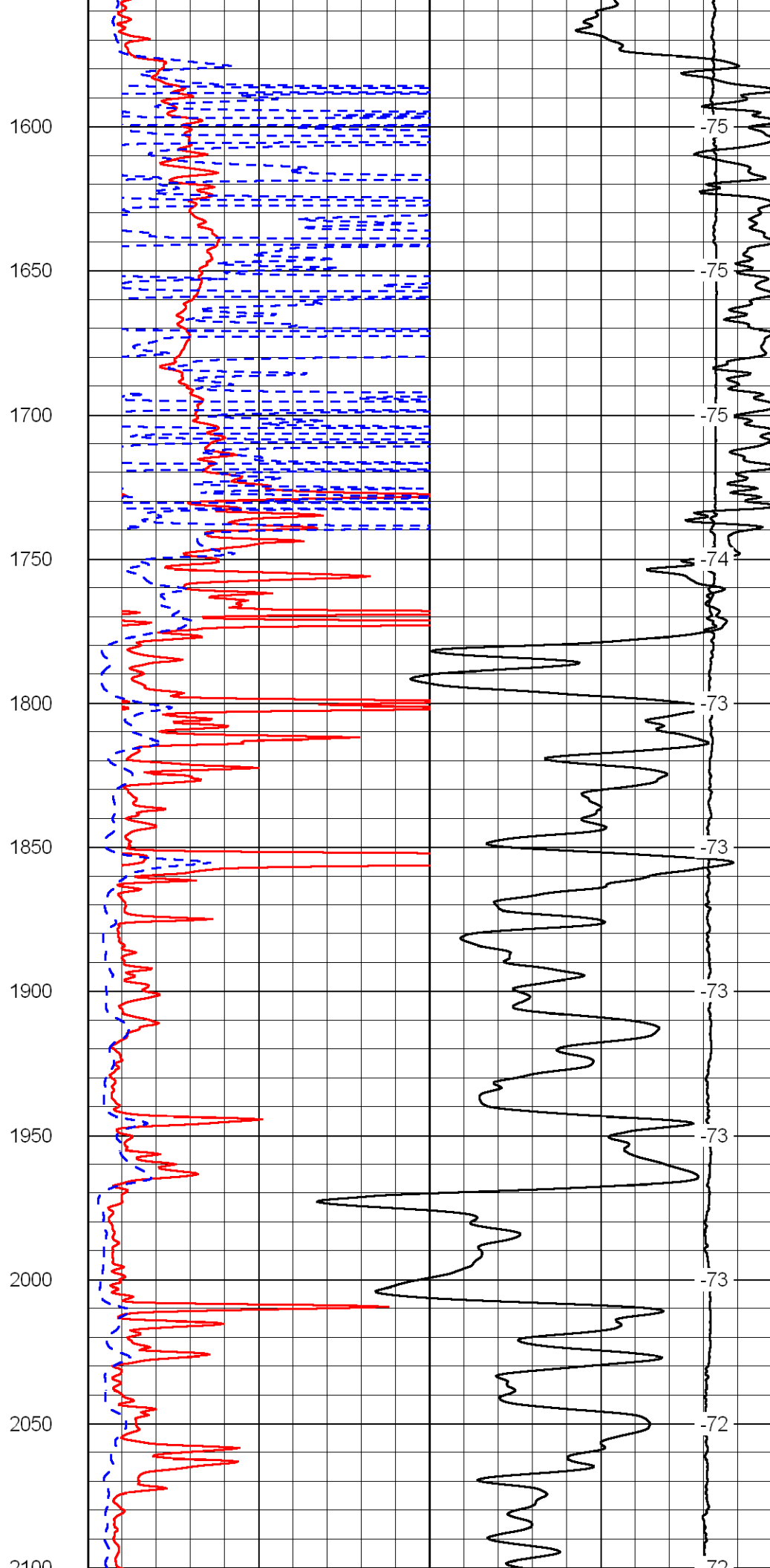
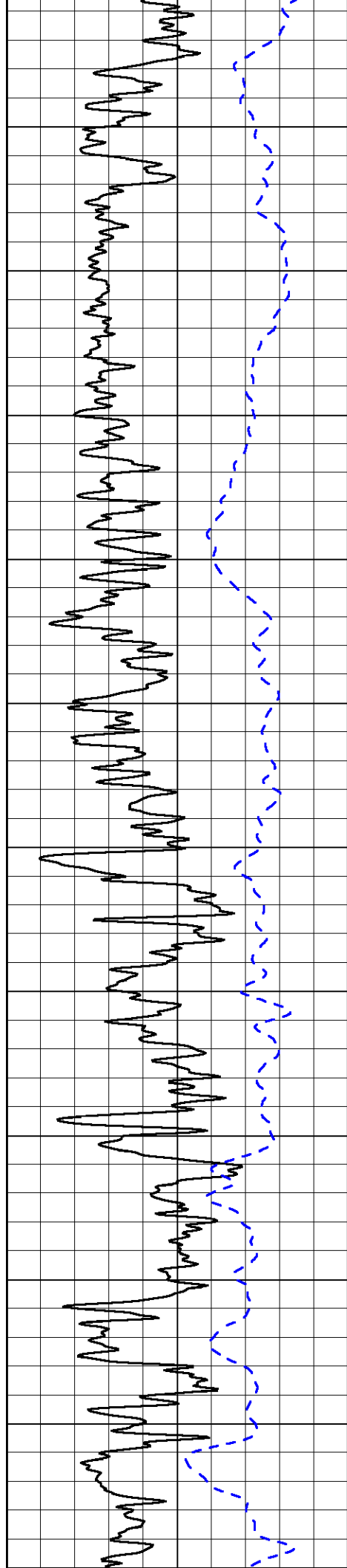
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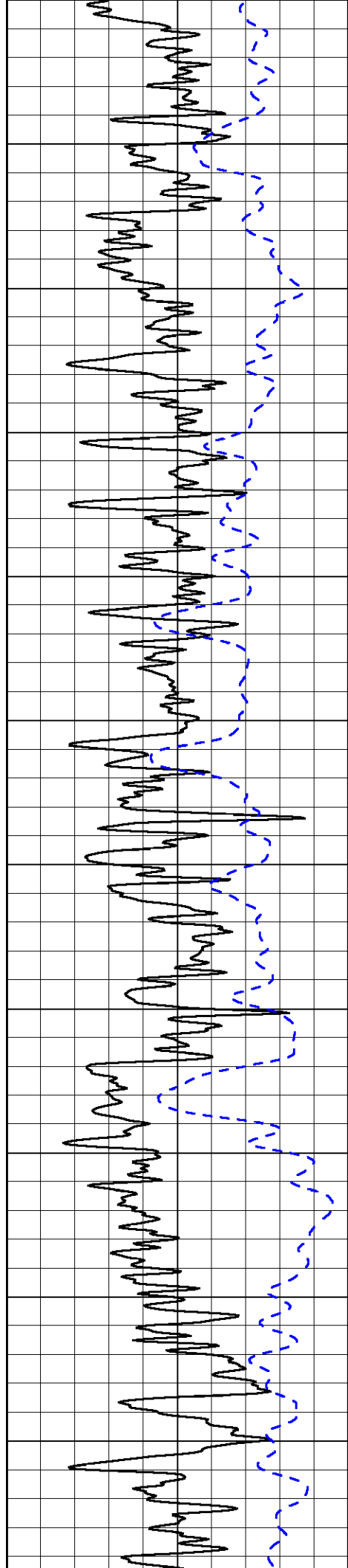
LSPD



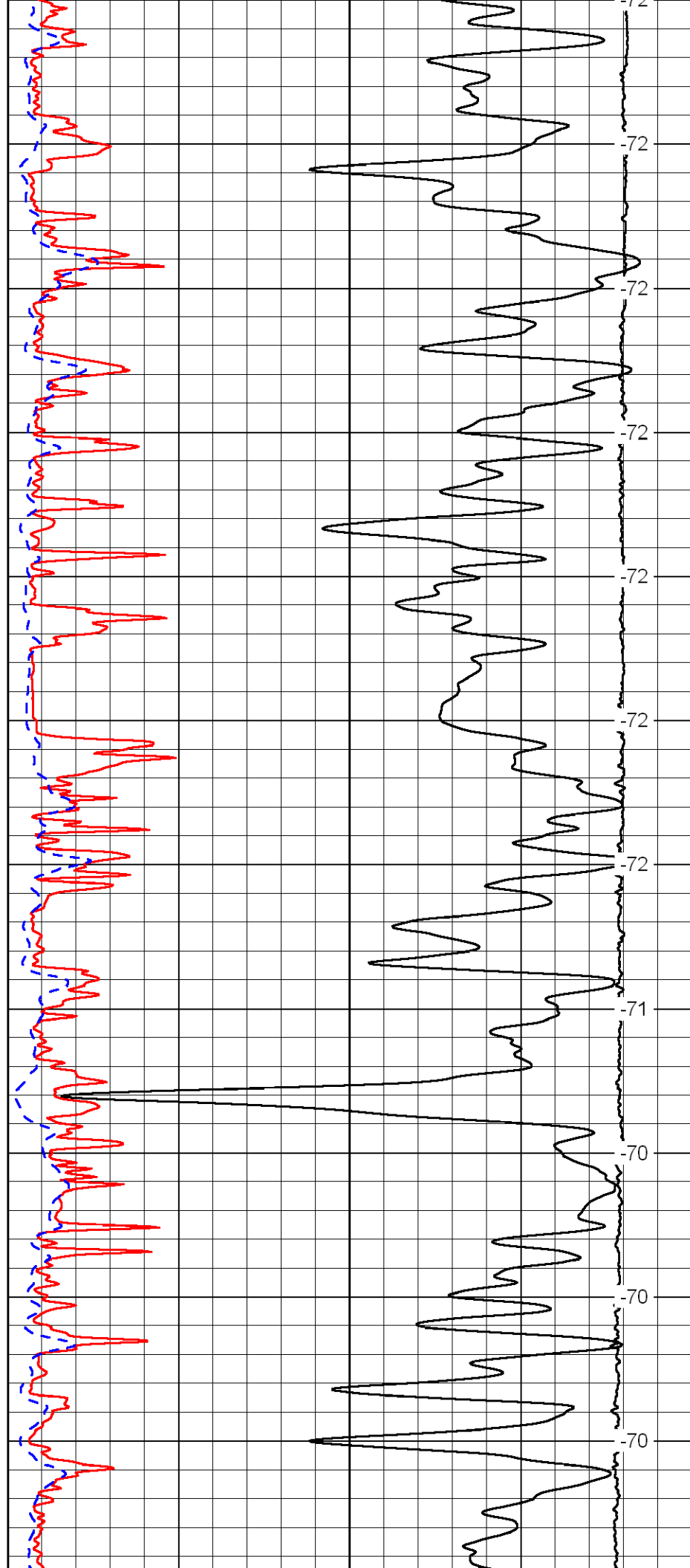




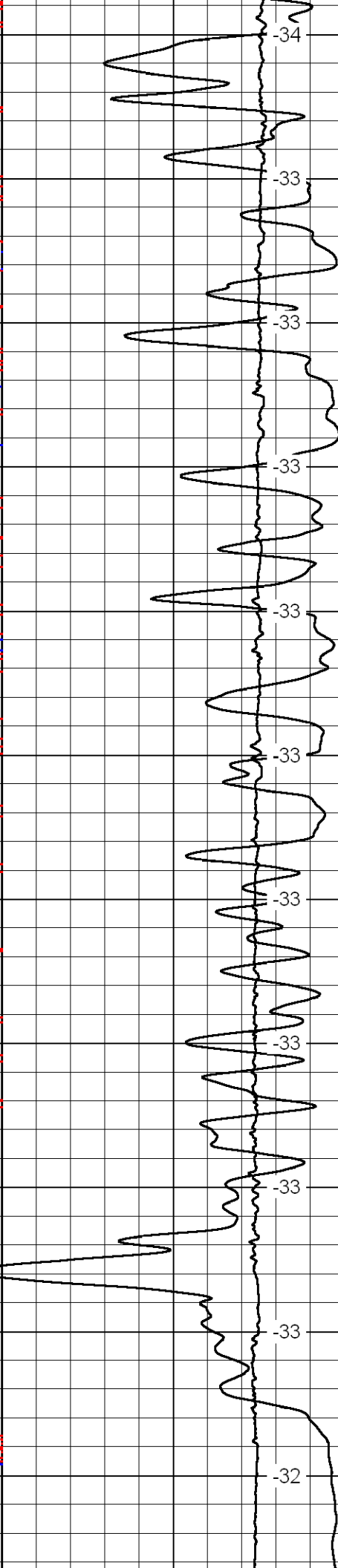
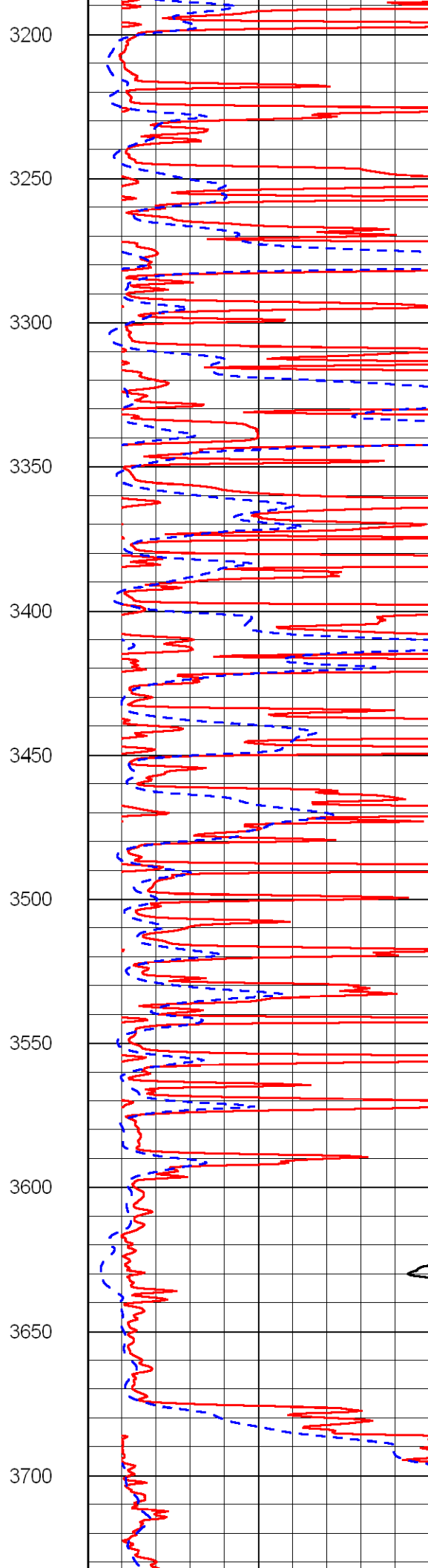
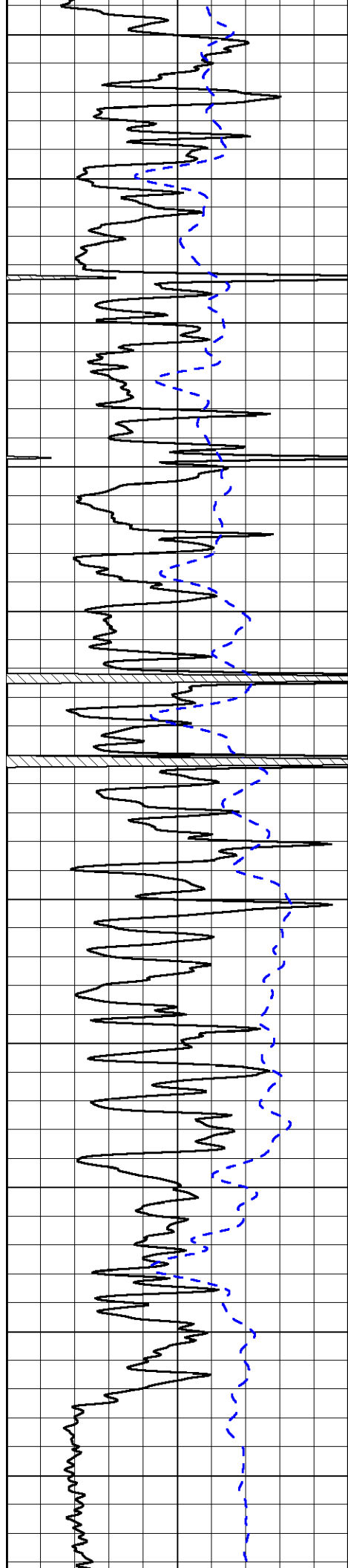


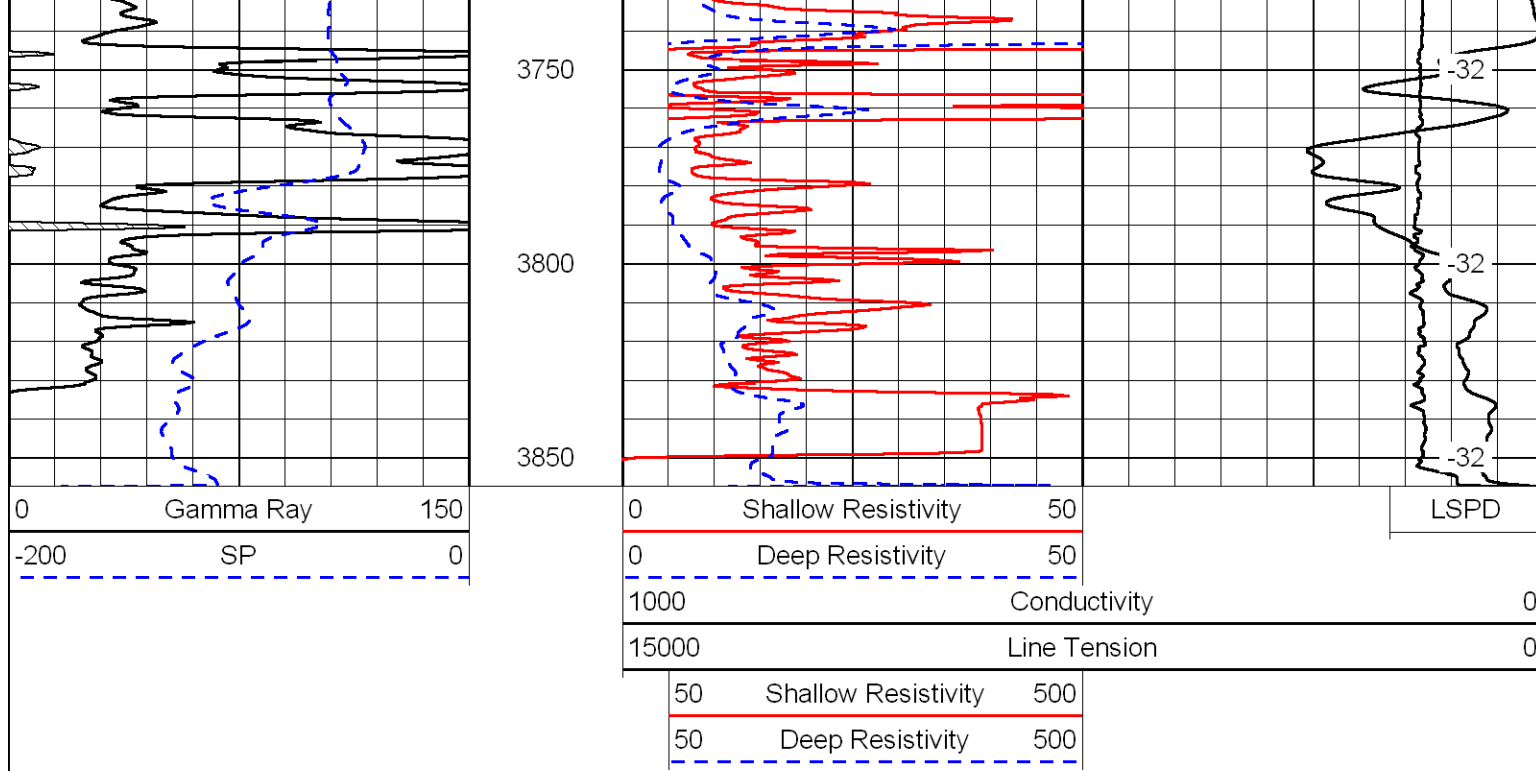


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2150
2200
2250
2300
2350
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2450
2500
2550
2600

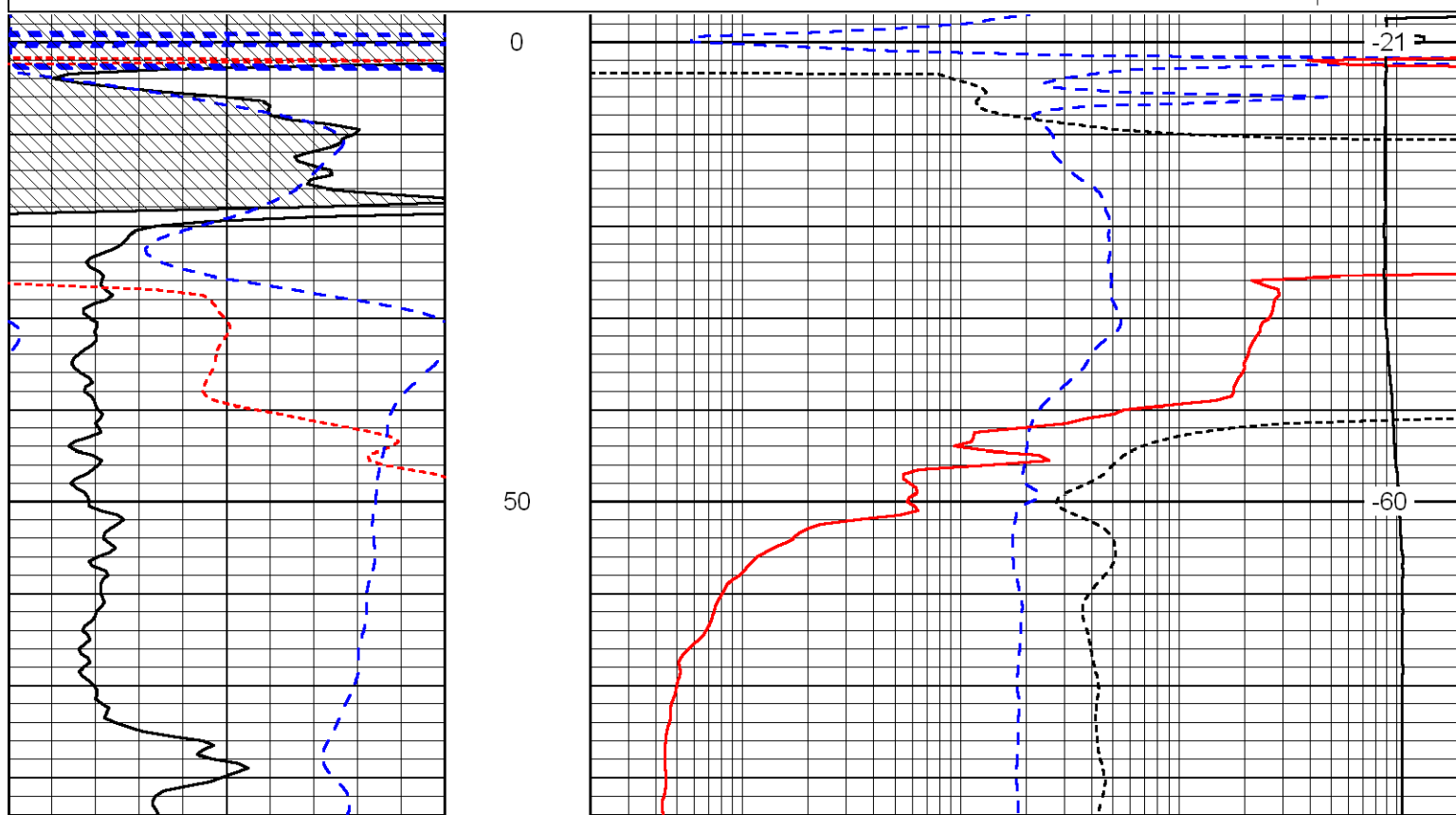
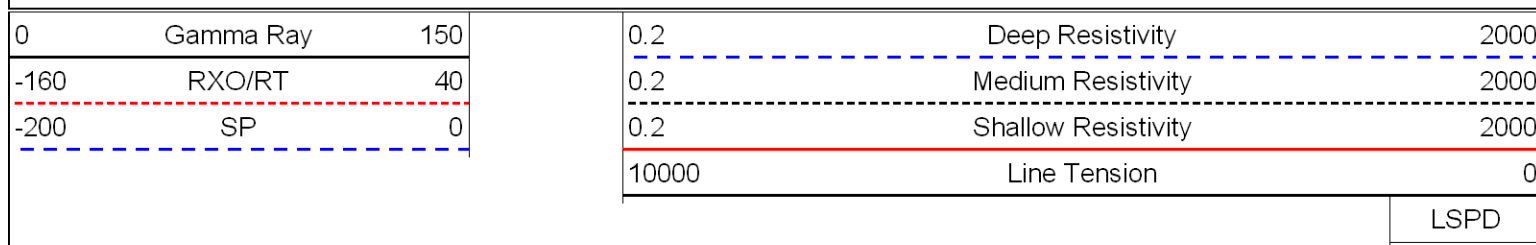


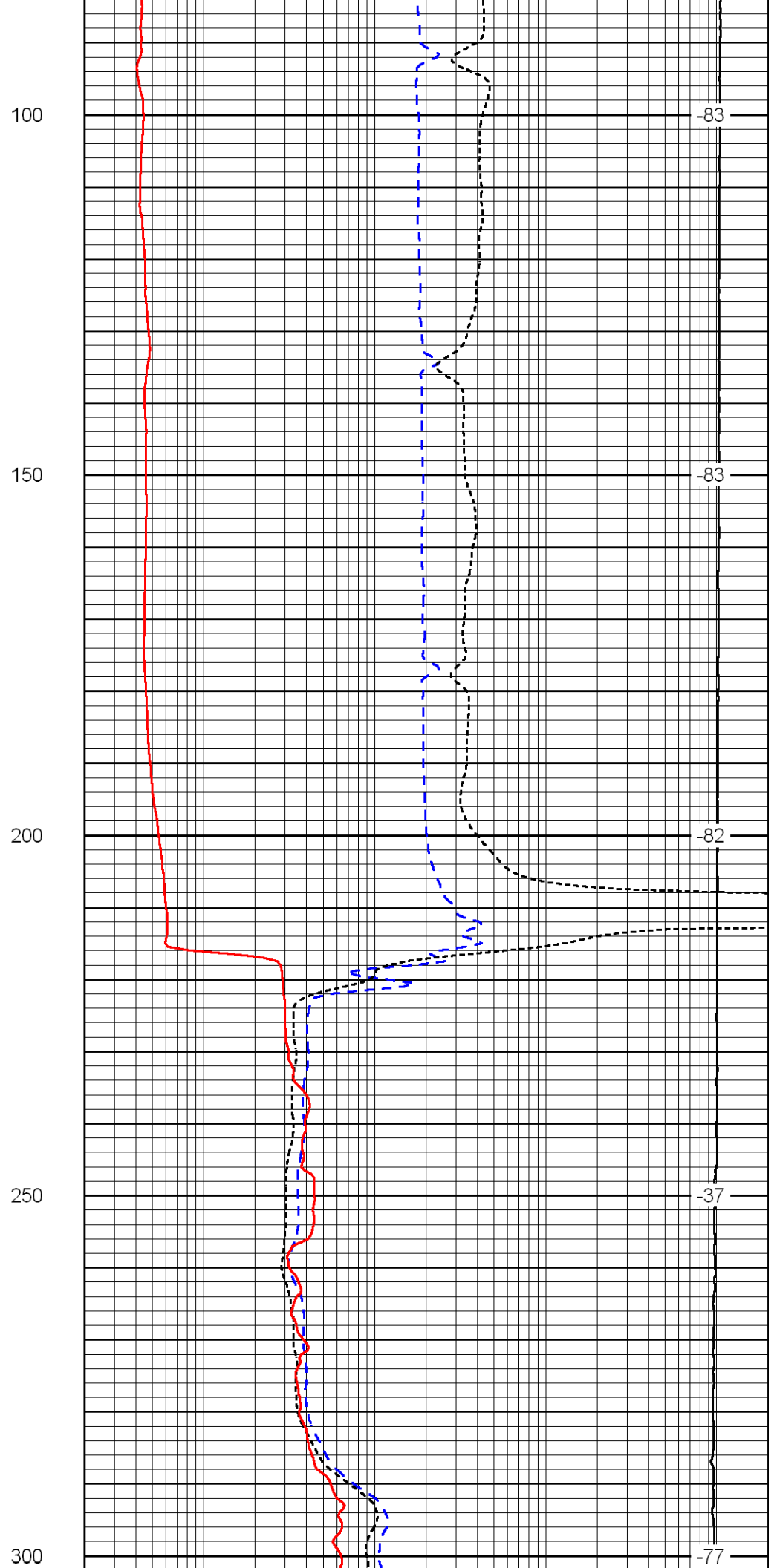
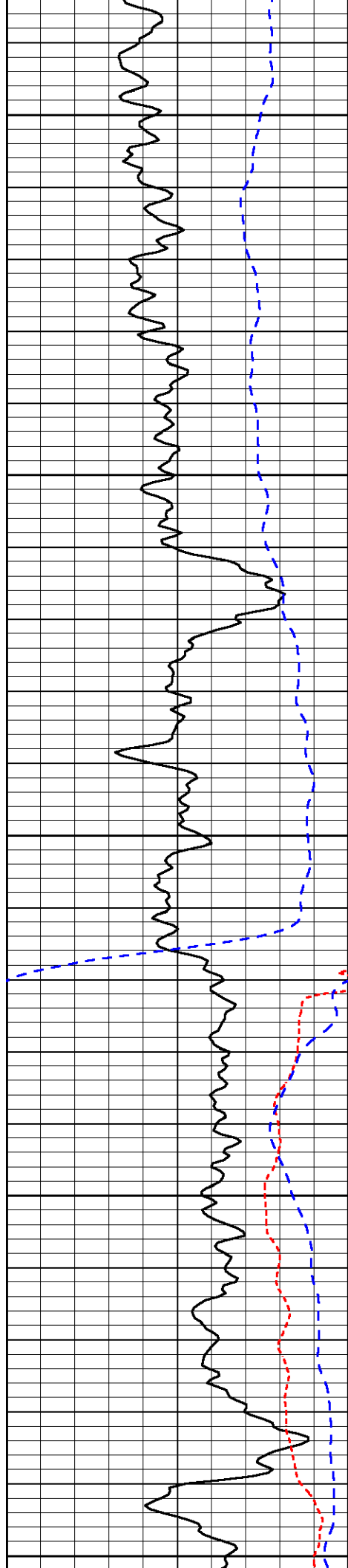
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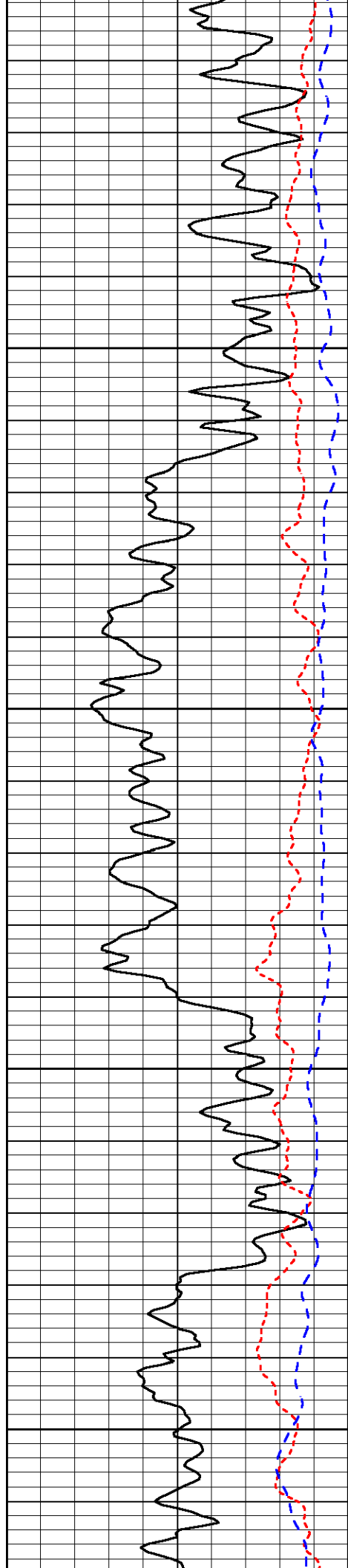




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 Dataset Creation: Sat Aug 20 09:13:19 2011
 Charted by: Depth in Feet scaled 1:240





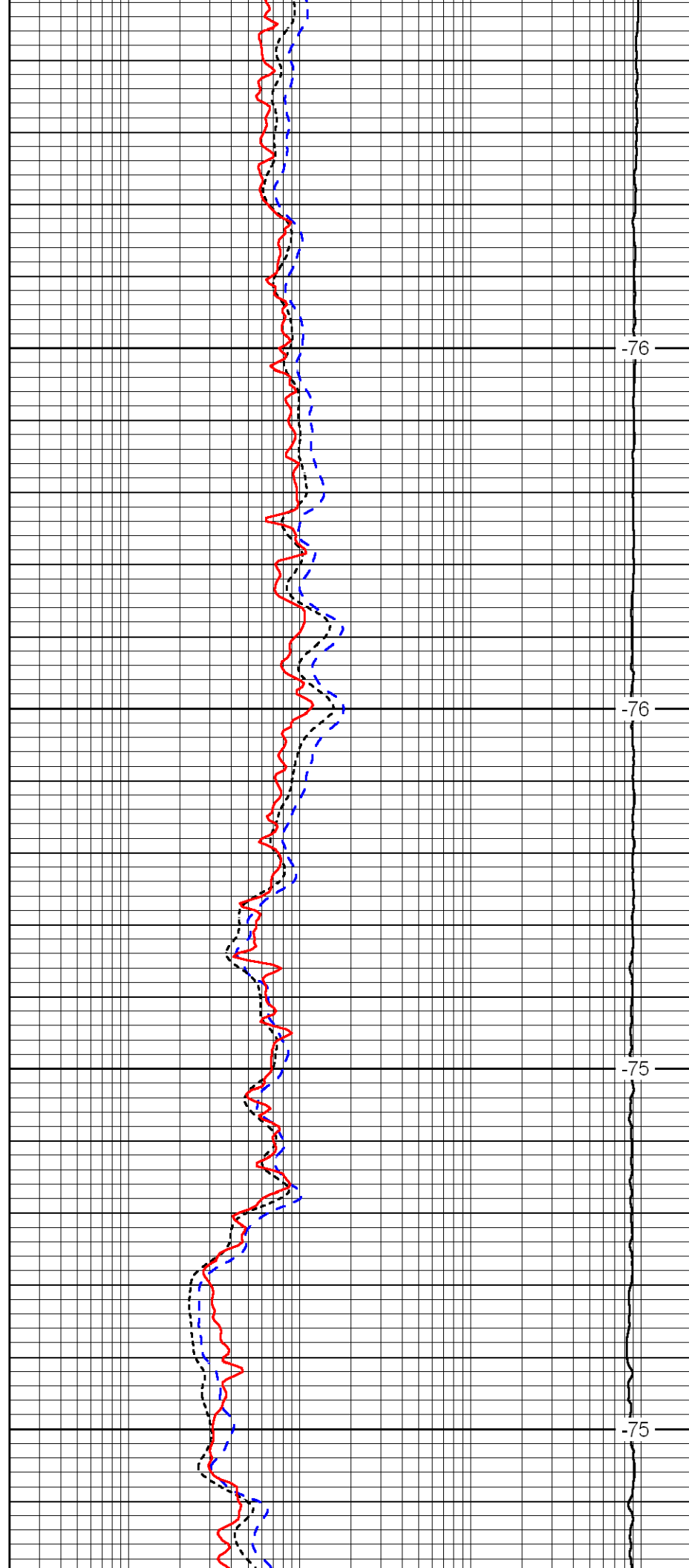


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400

450

500

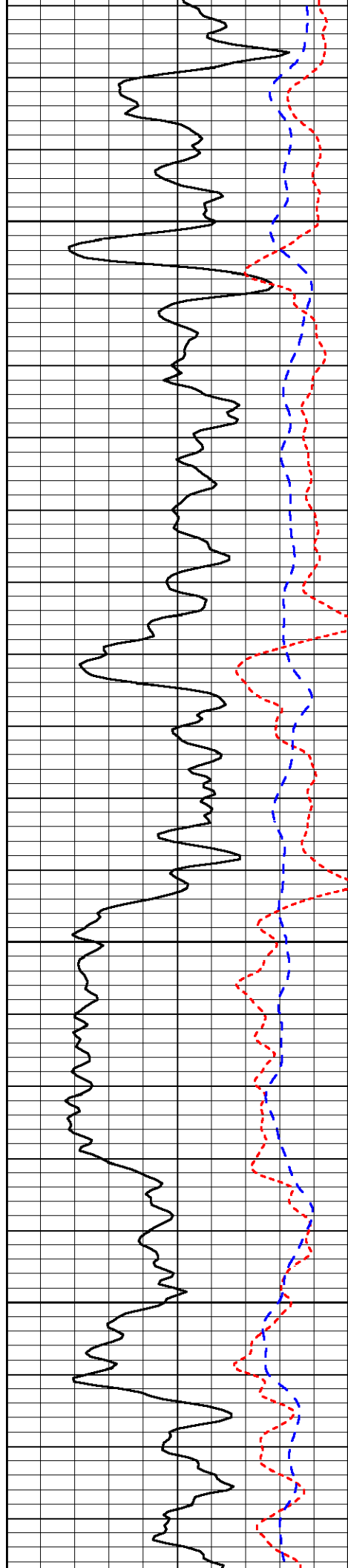


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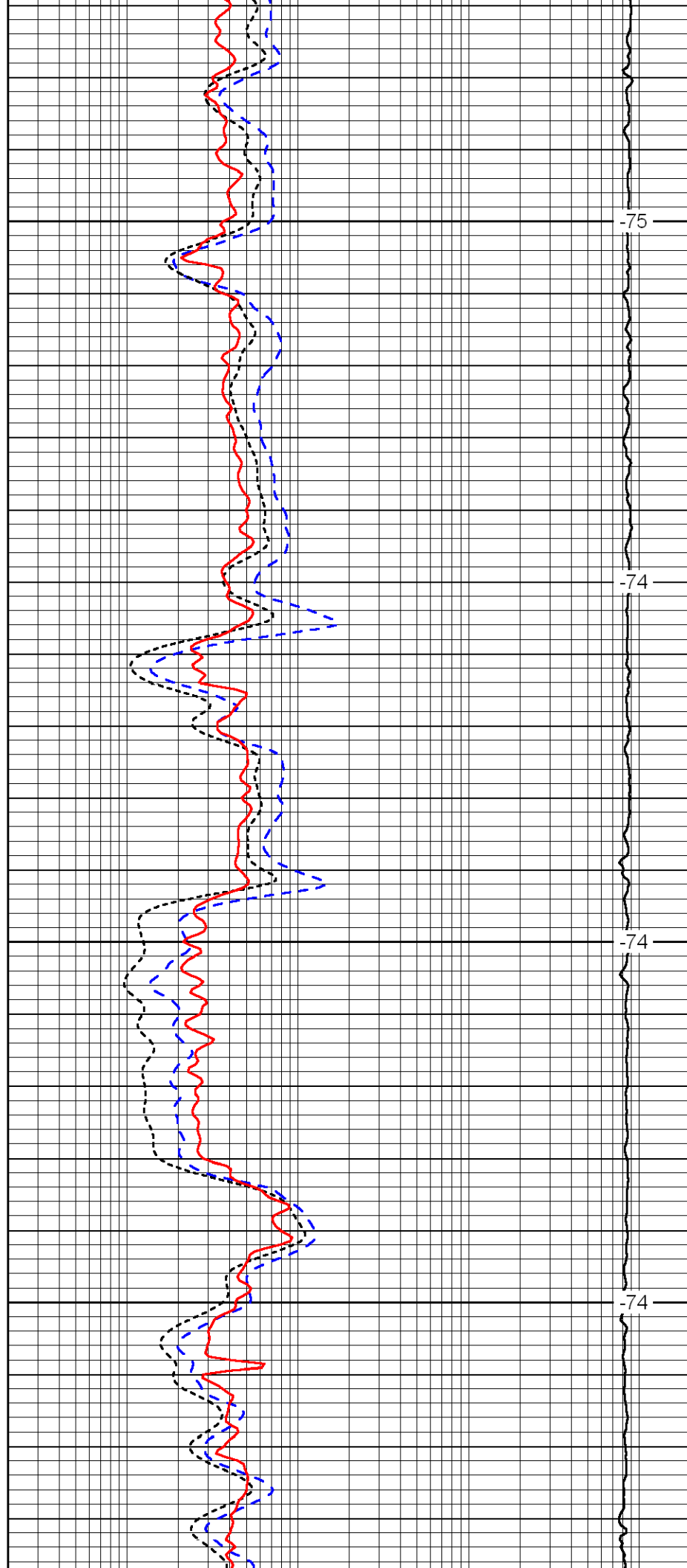


550

600

650

700

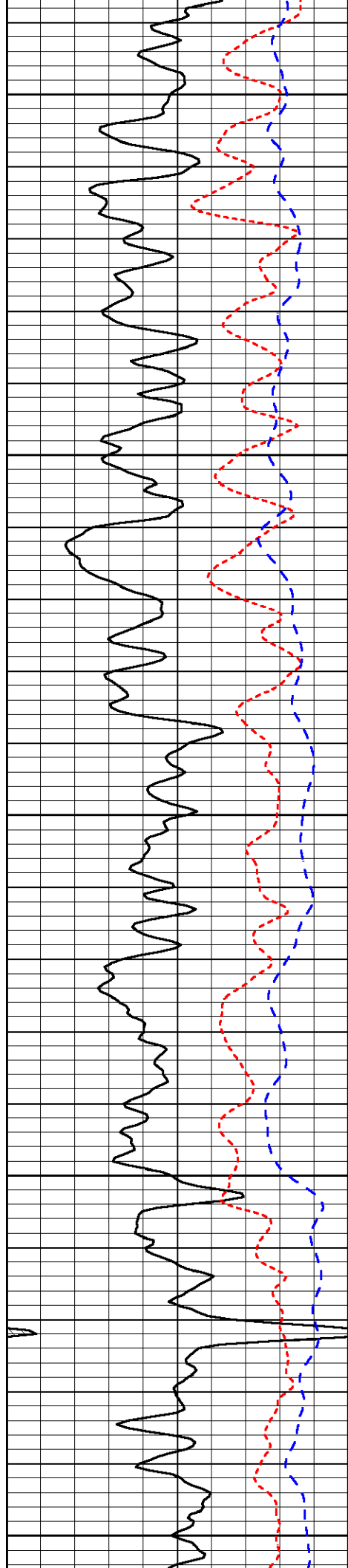


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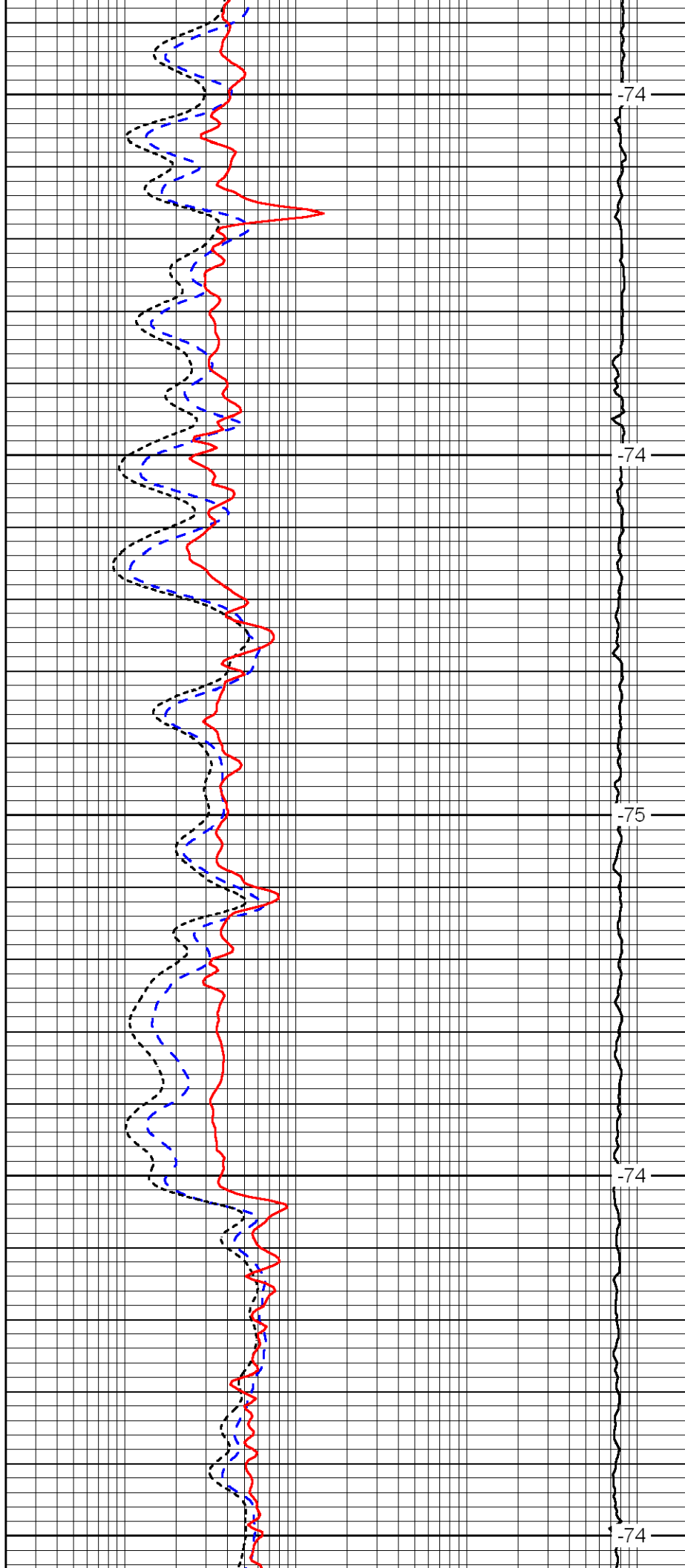
750

800

850

900

950



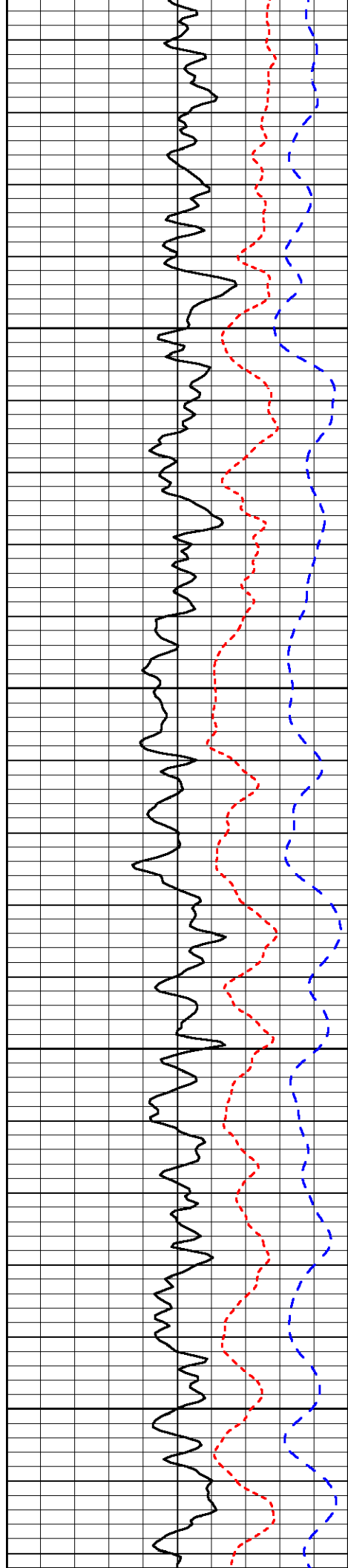
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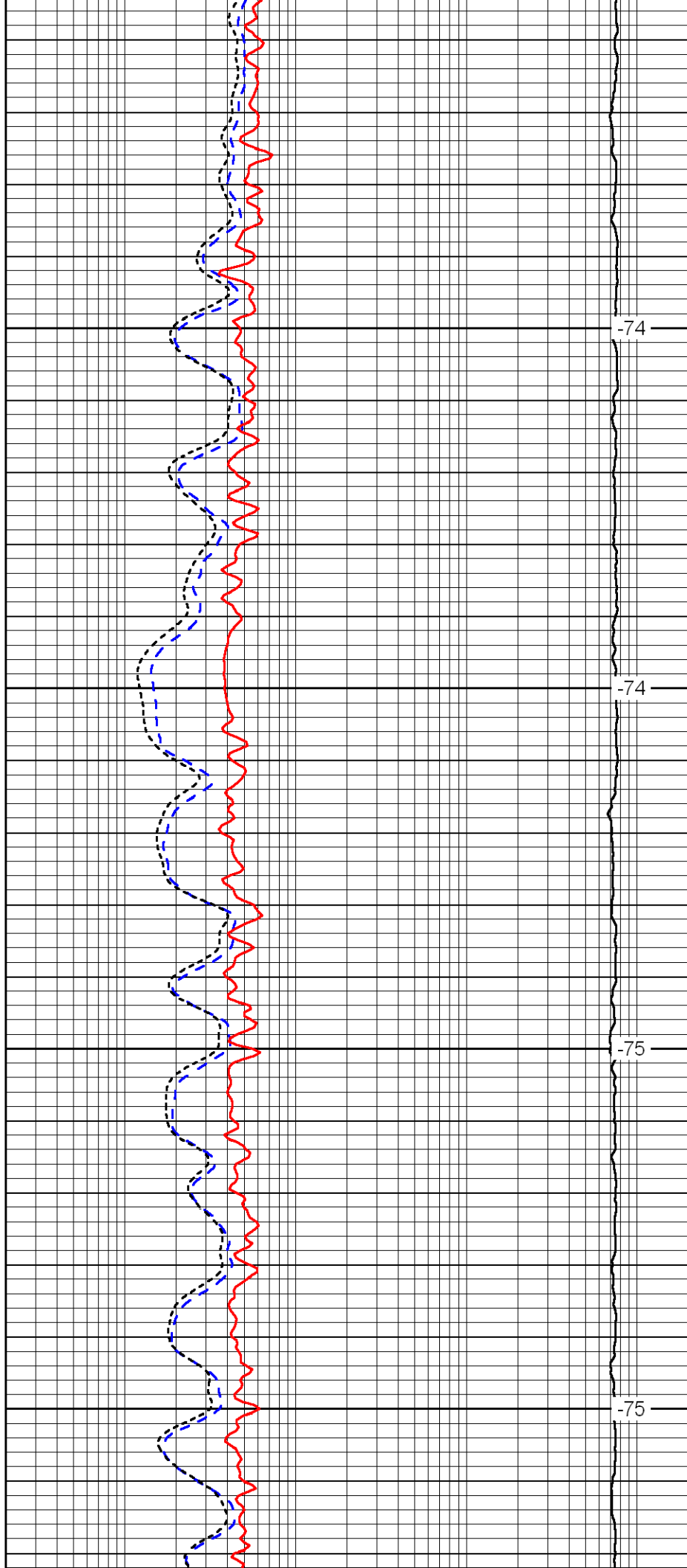


1000

1050

1100

1150

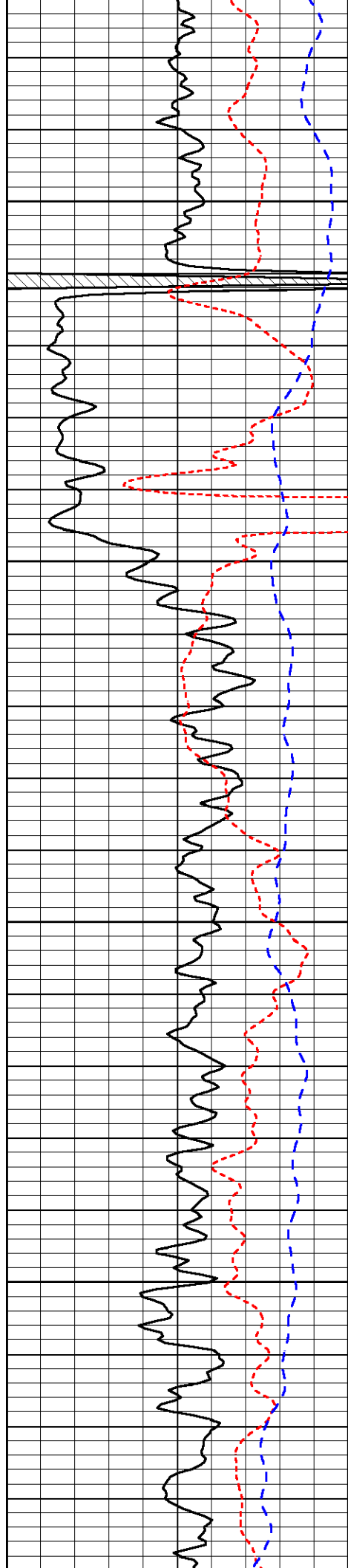


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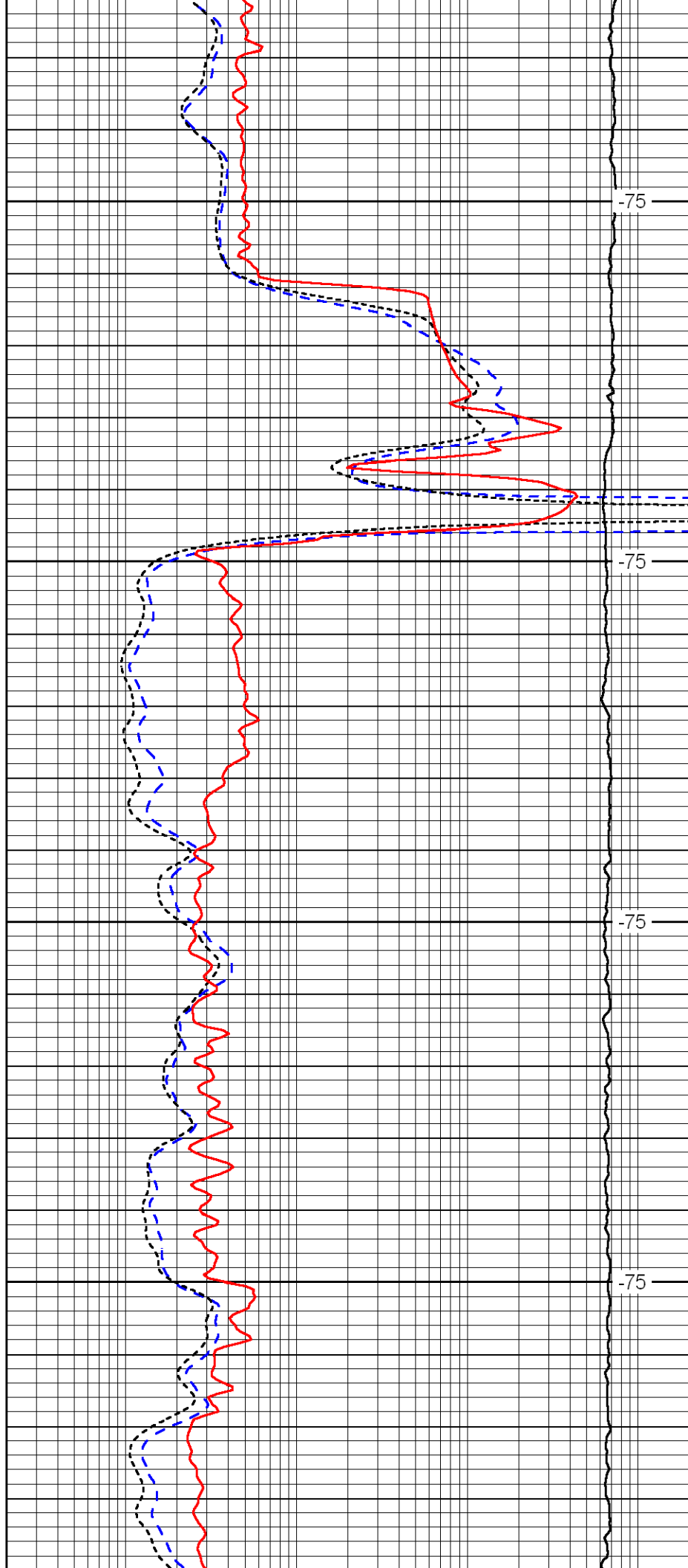


1200

1250

1300

1350

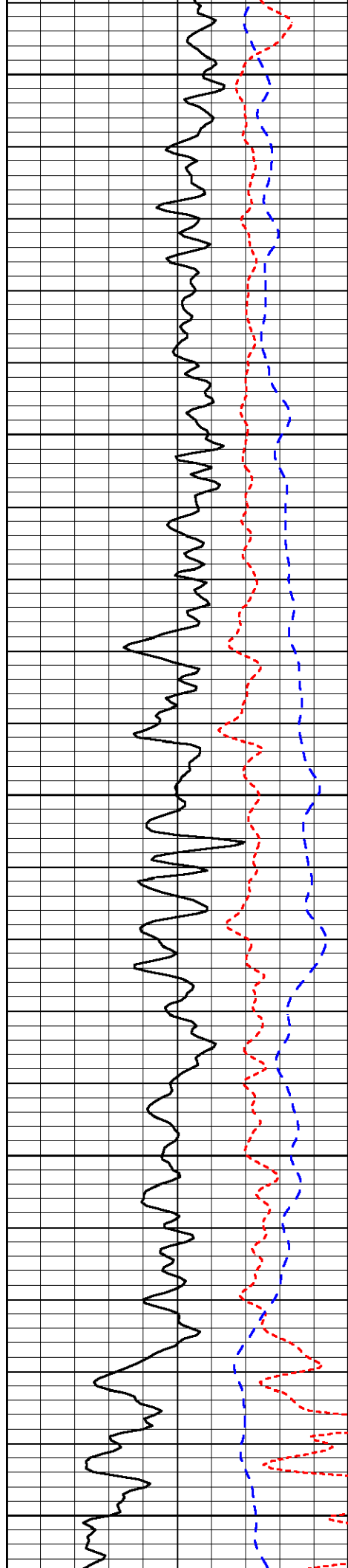


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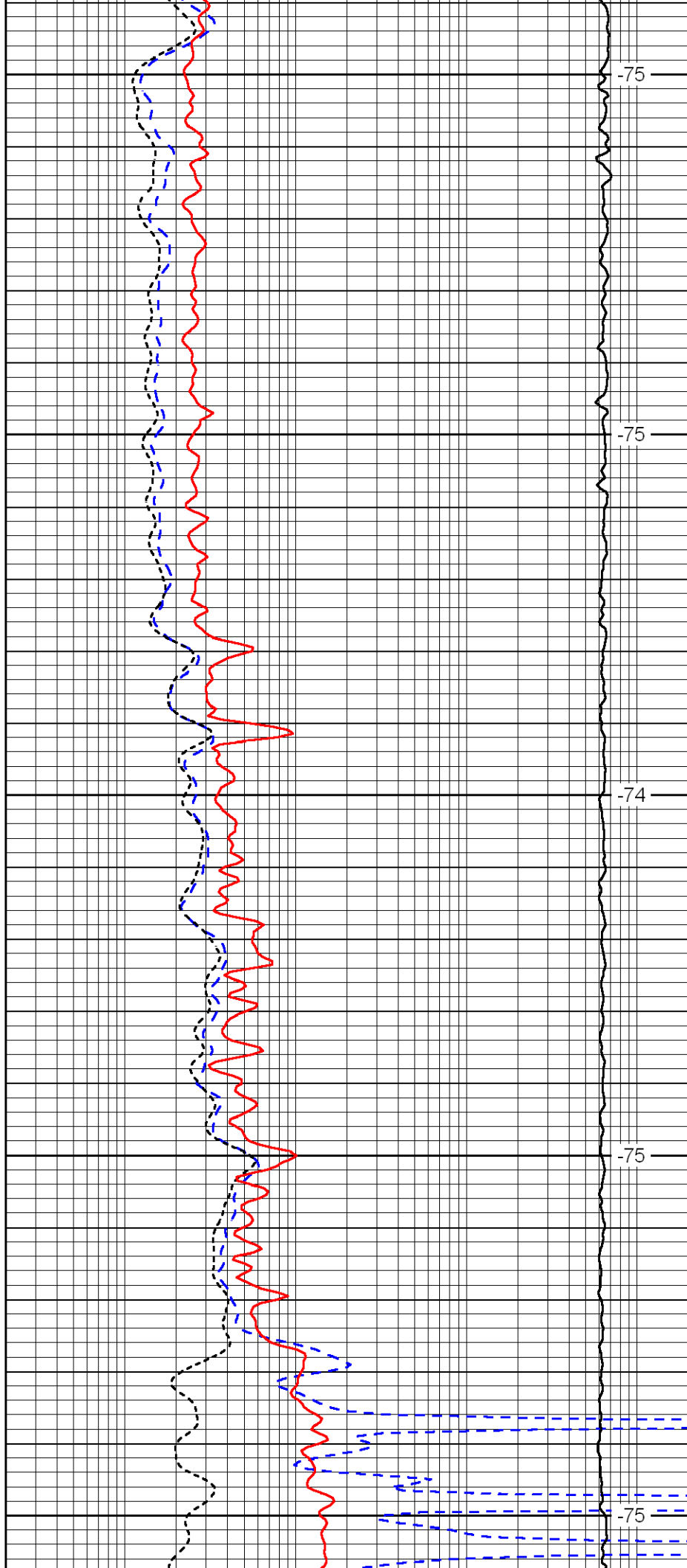
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1450

1500

1550

1600



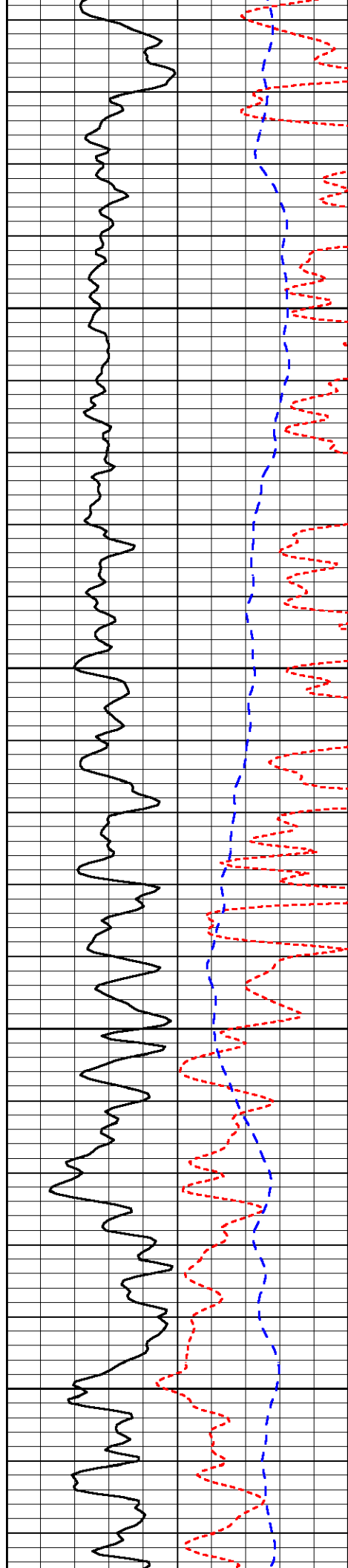
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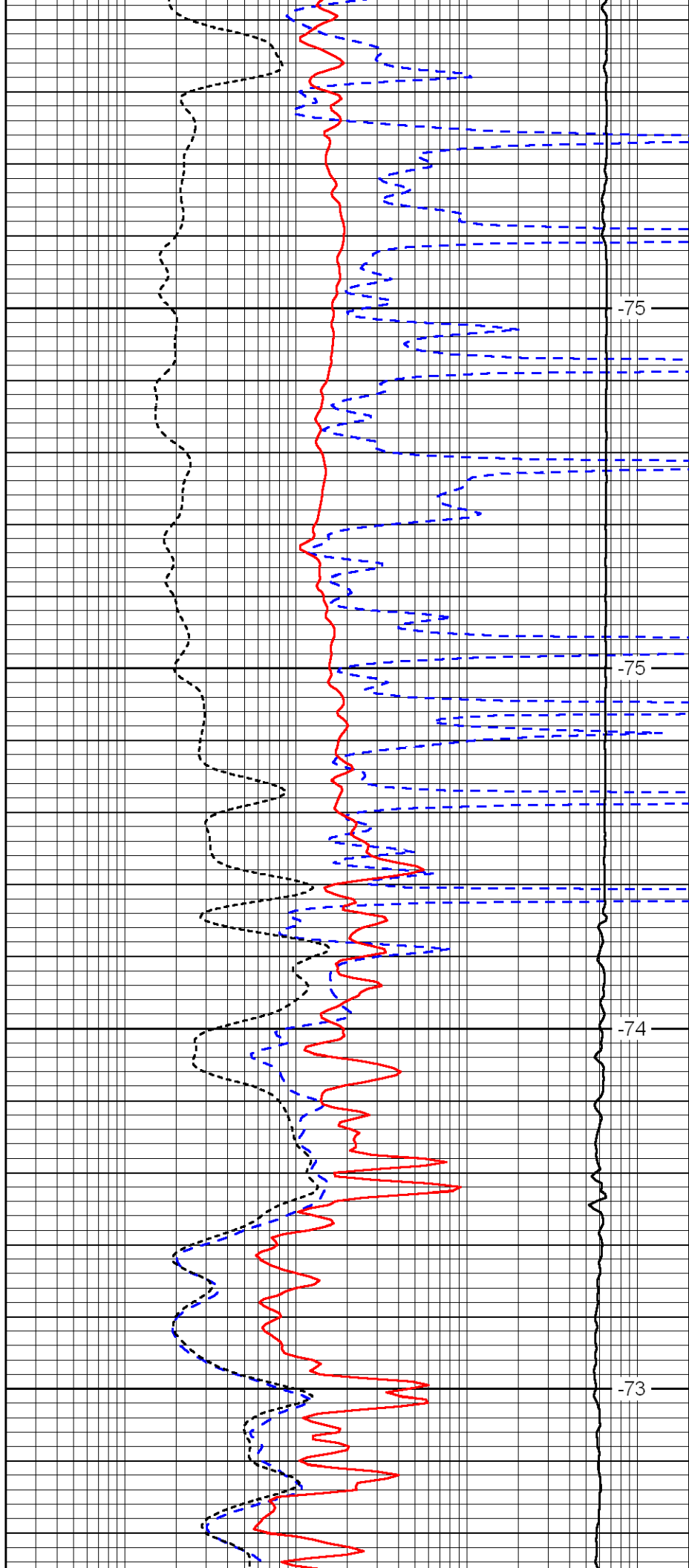


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1700

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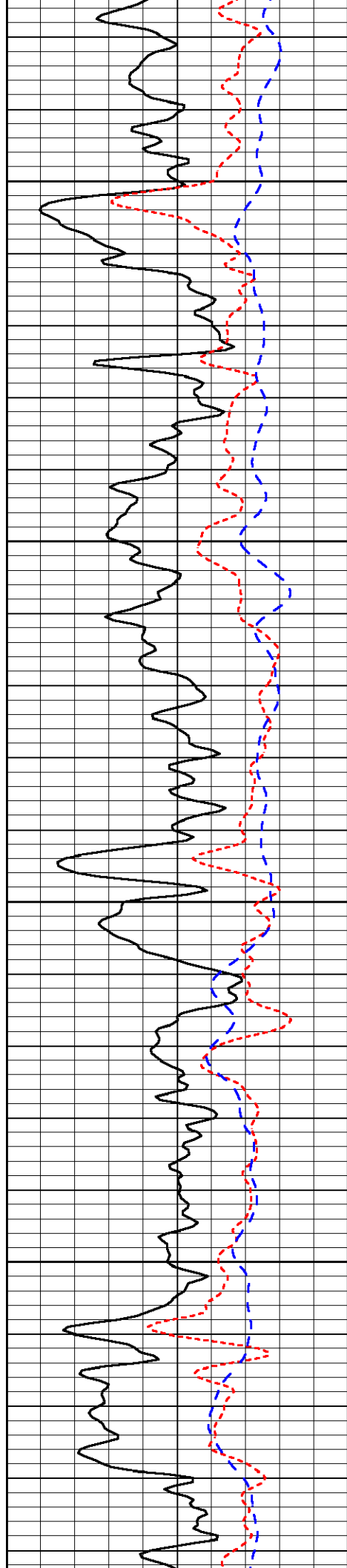


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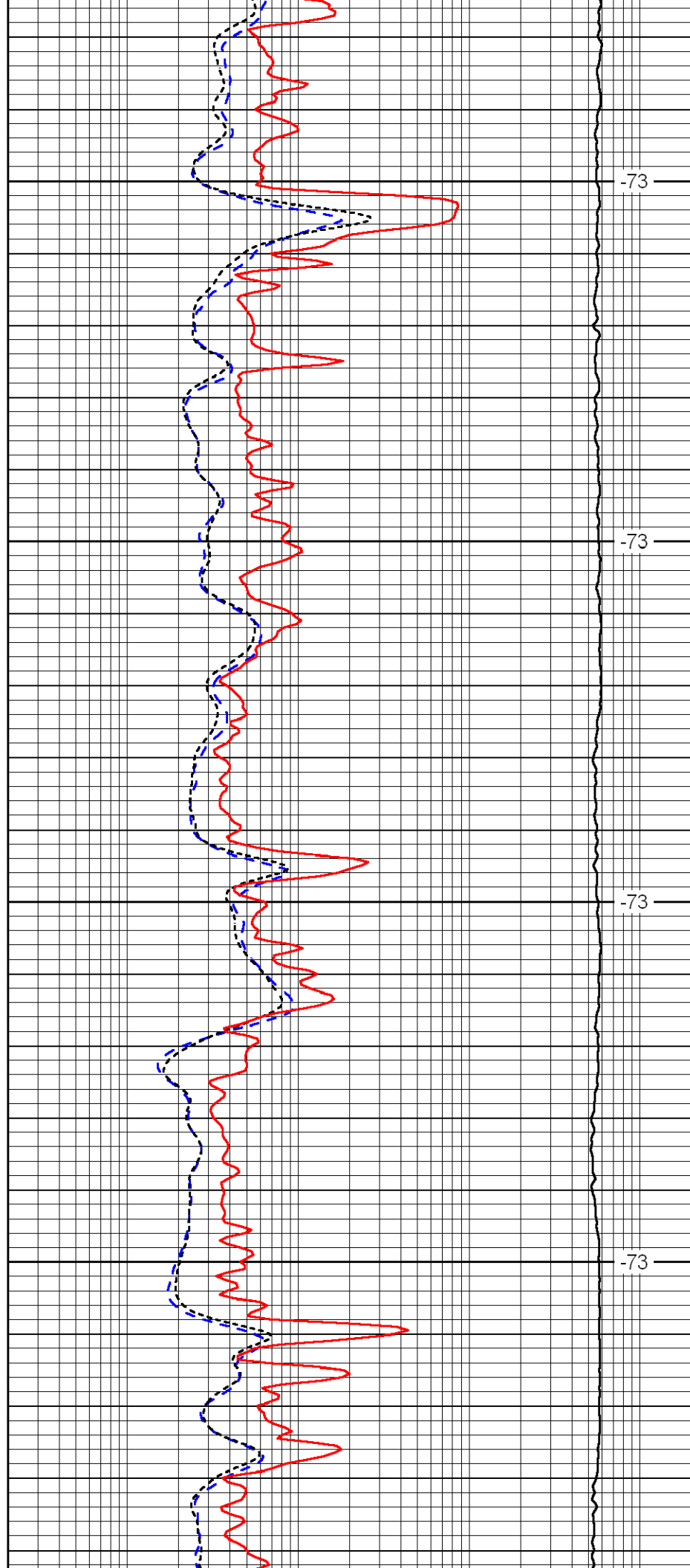


1850

1900

1950

2000

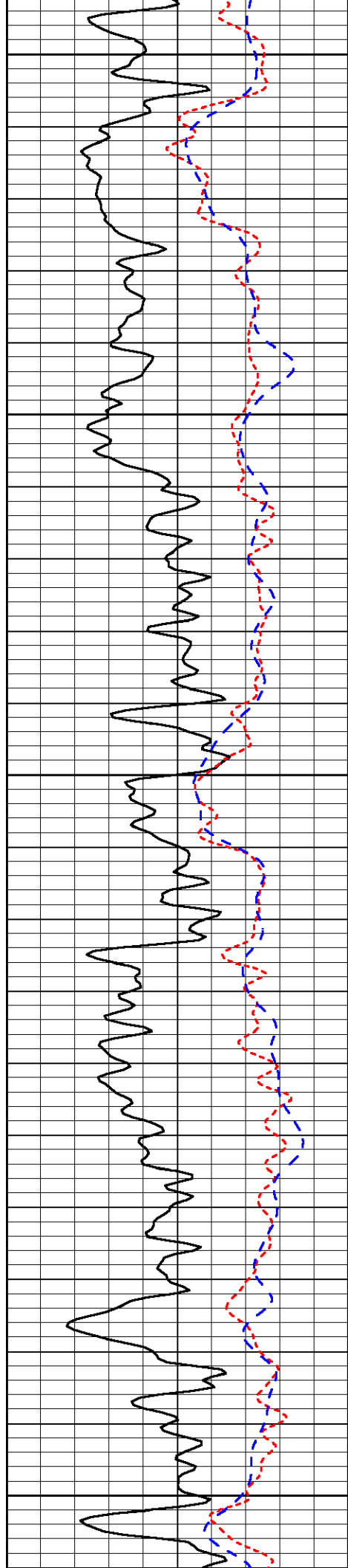


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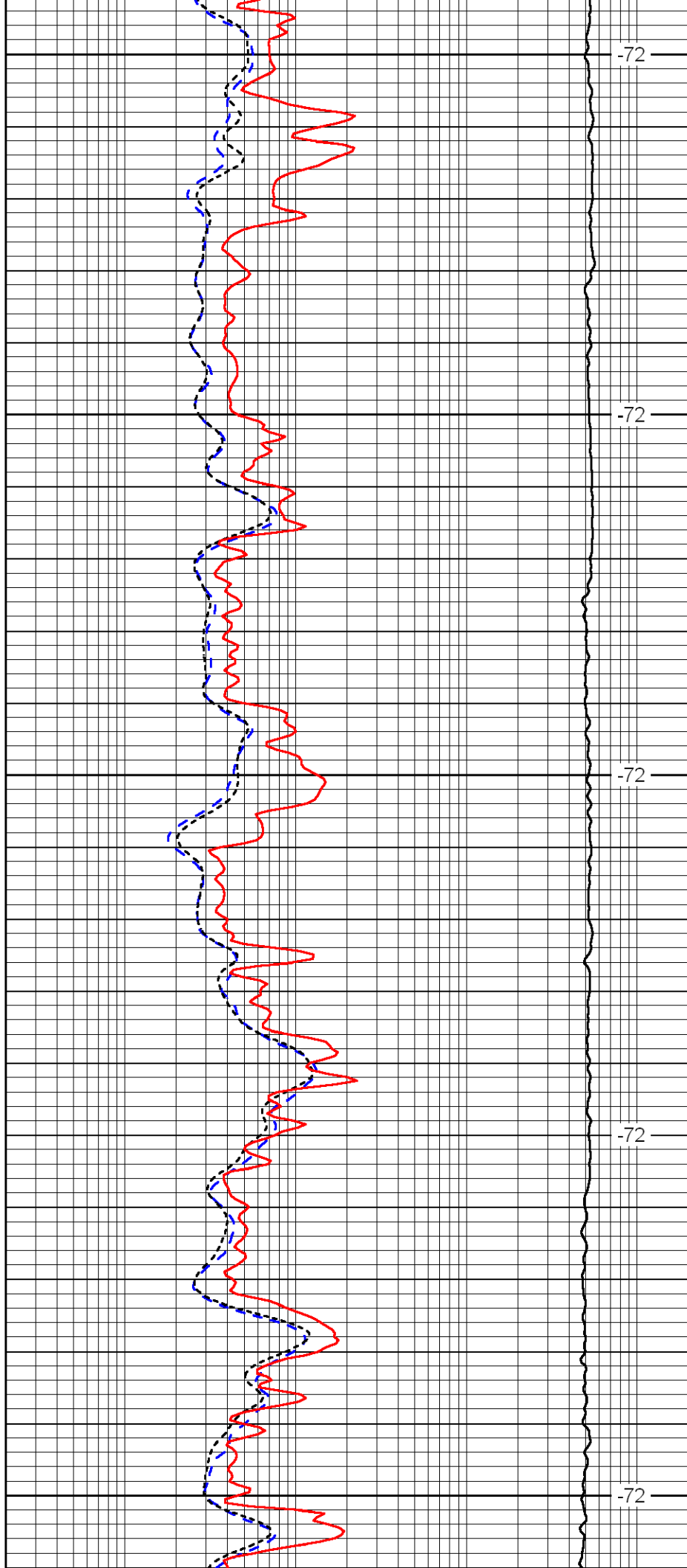
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2150

2200

2250



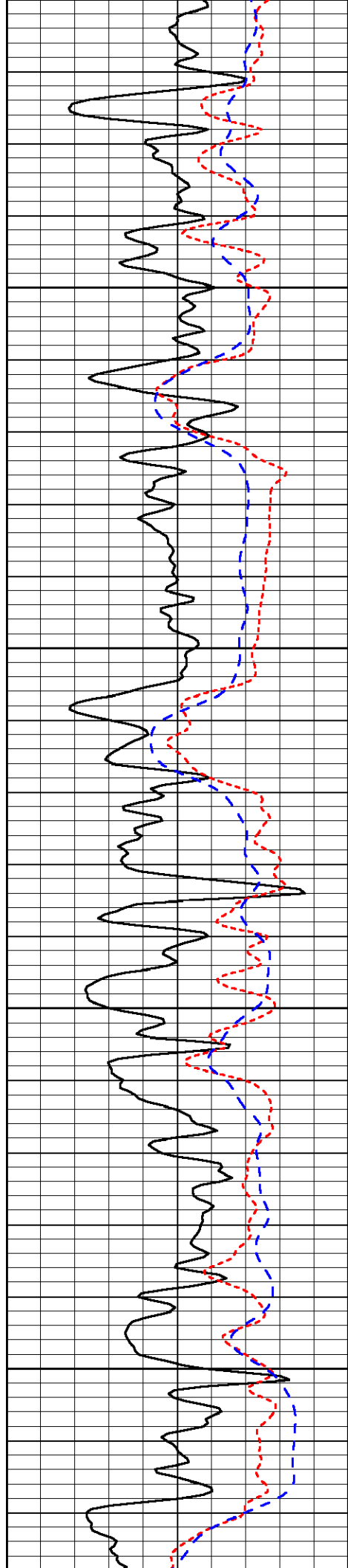
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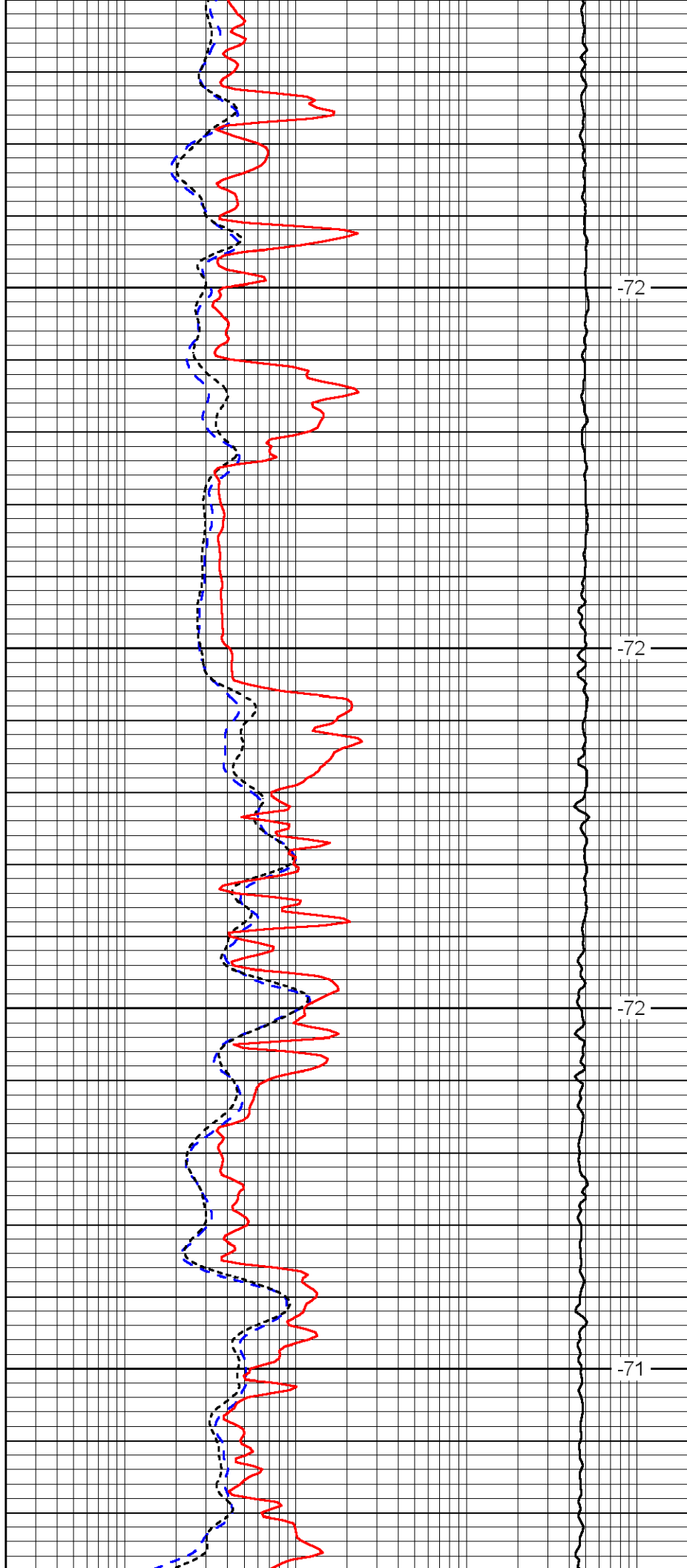


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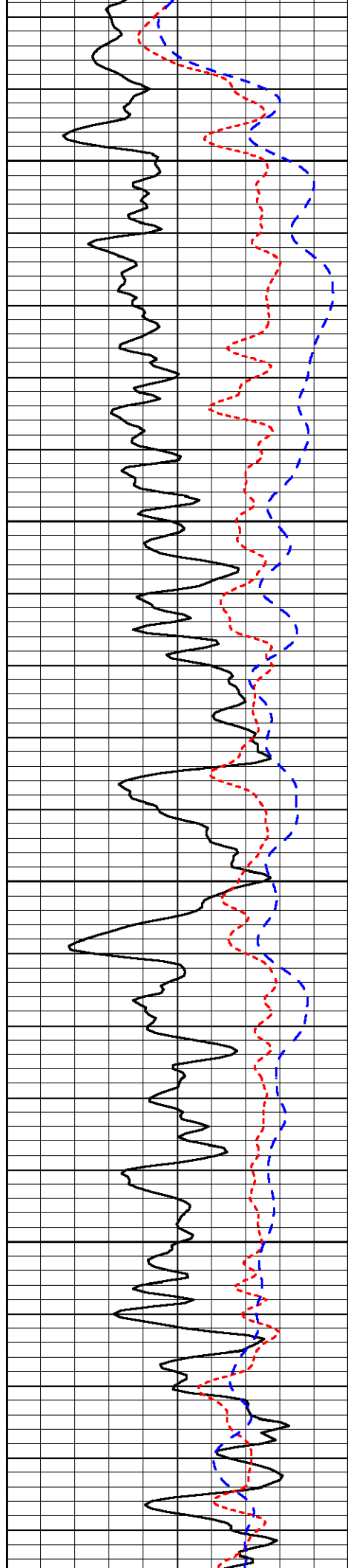


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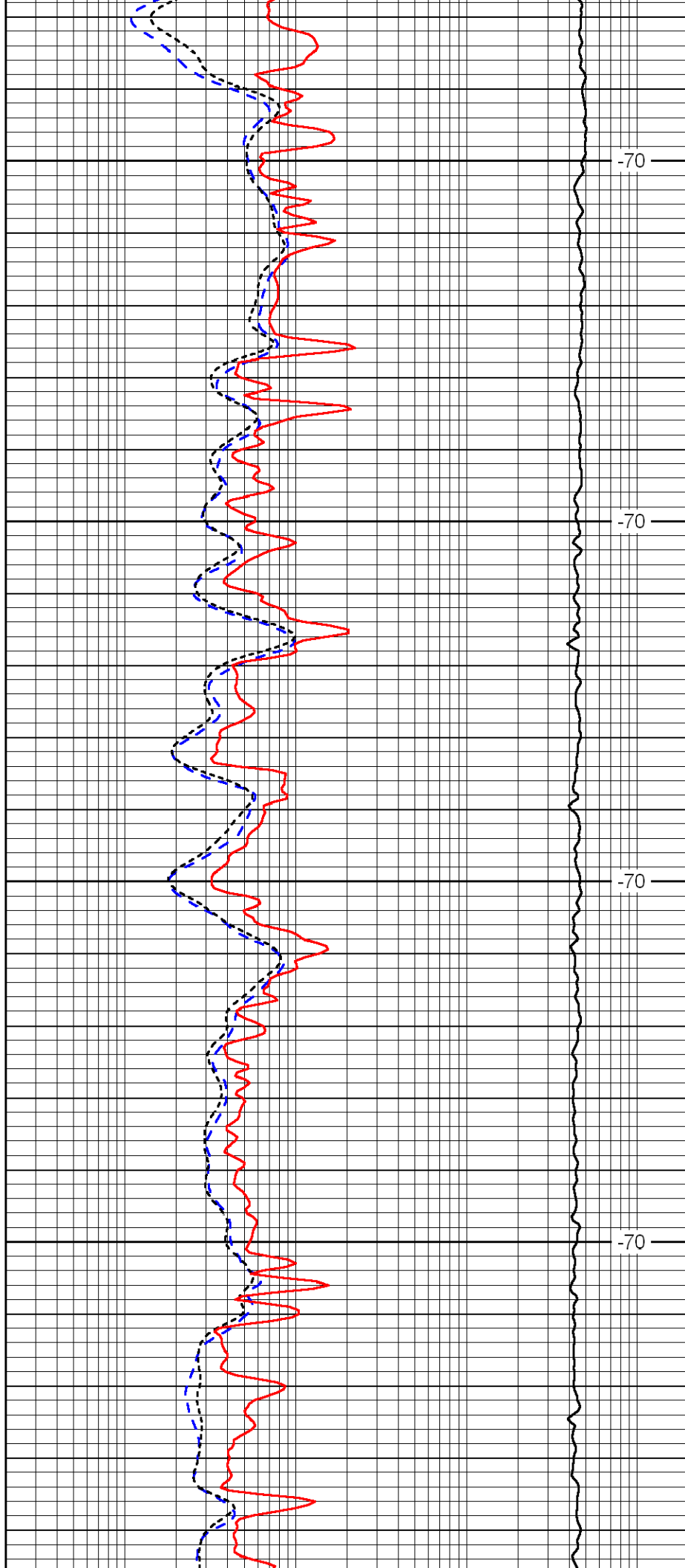


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2600

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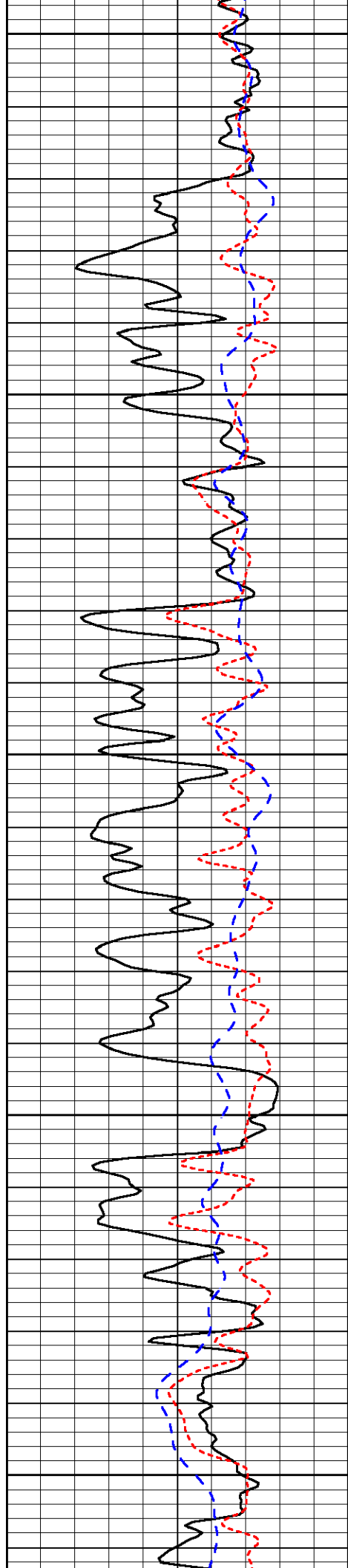


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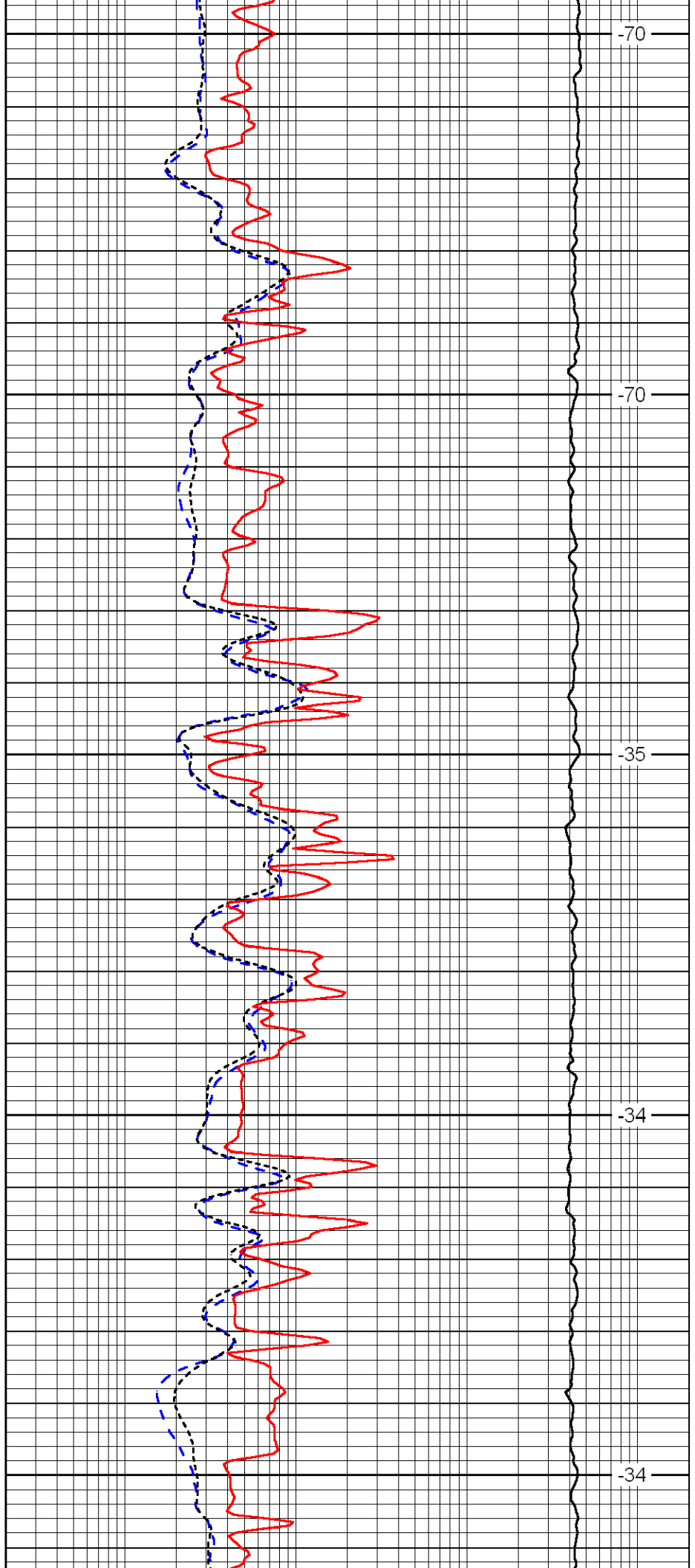
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2900



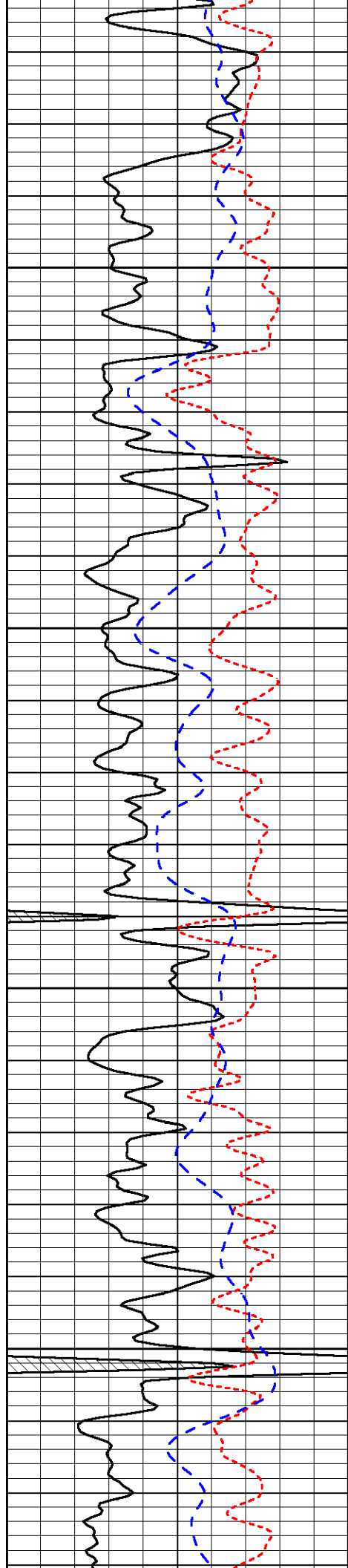
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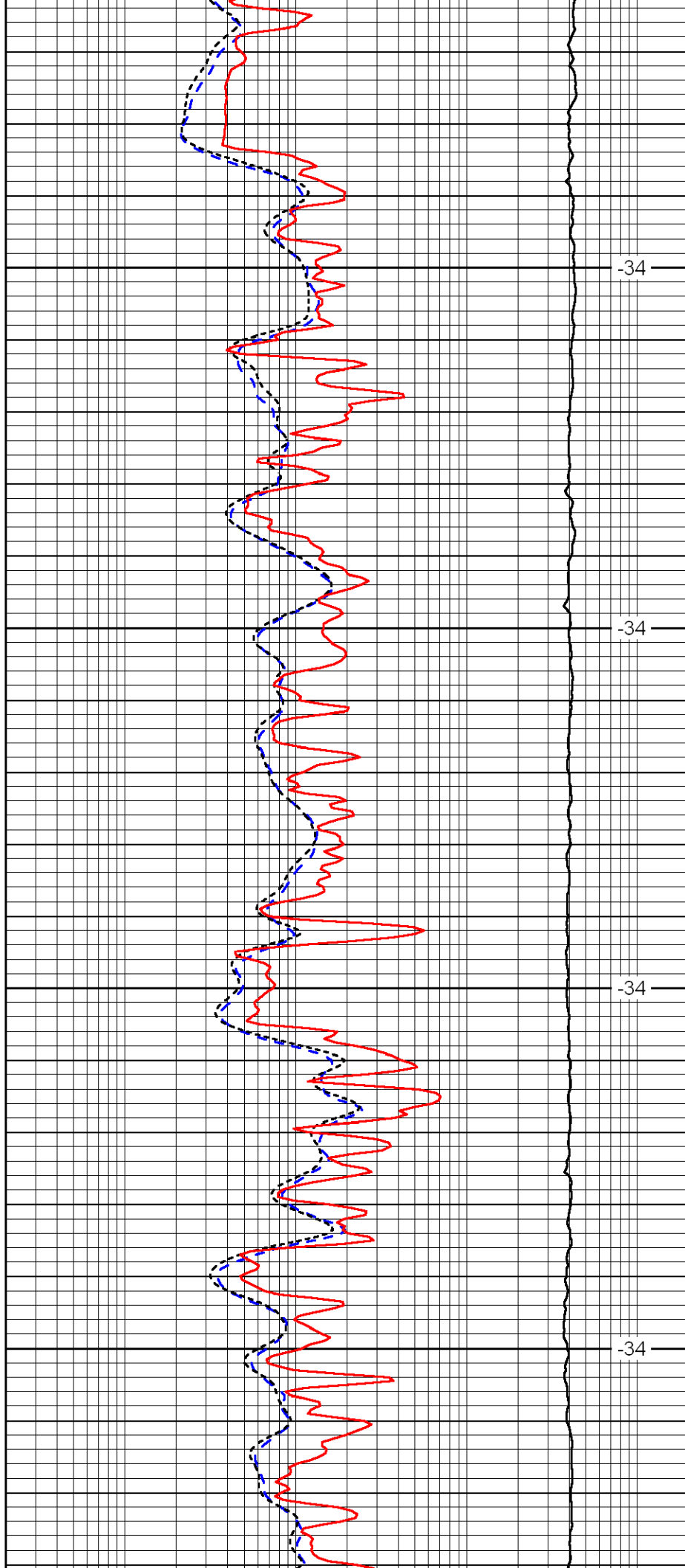


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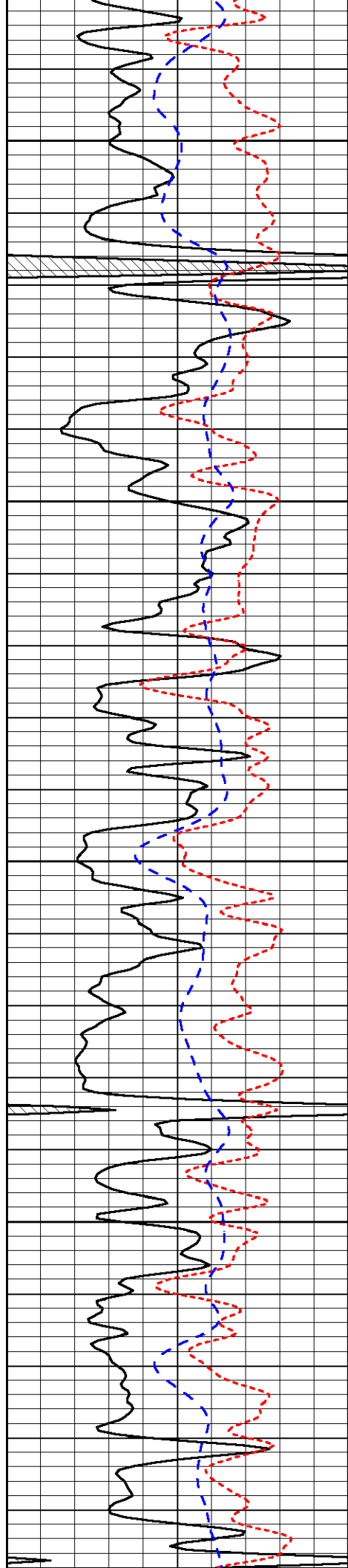


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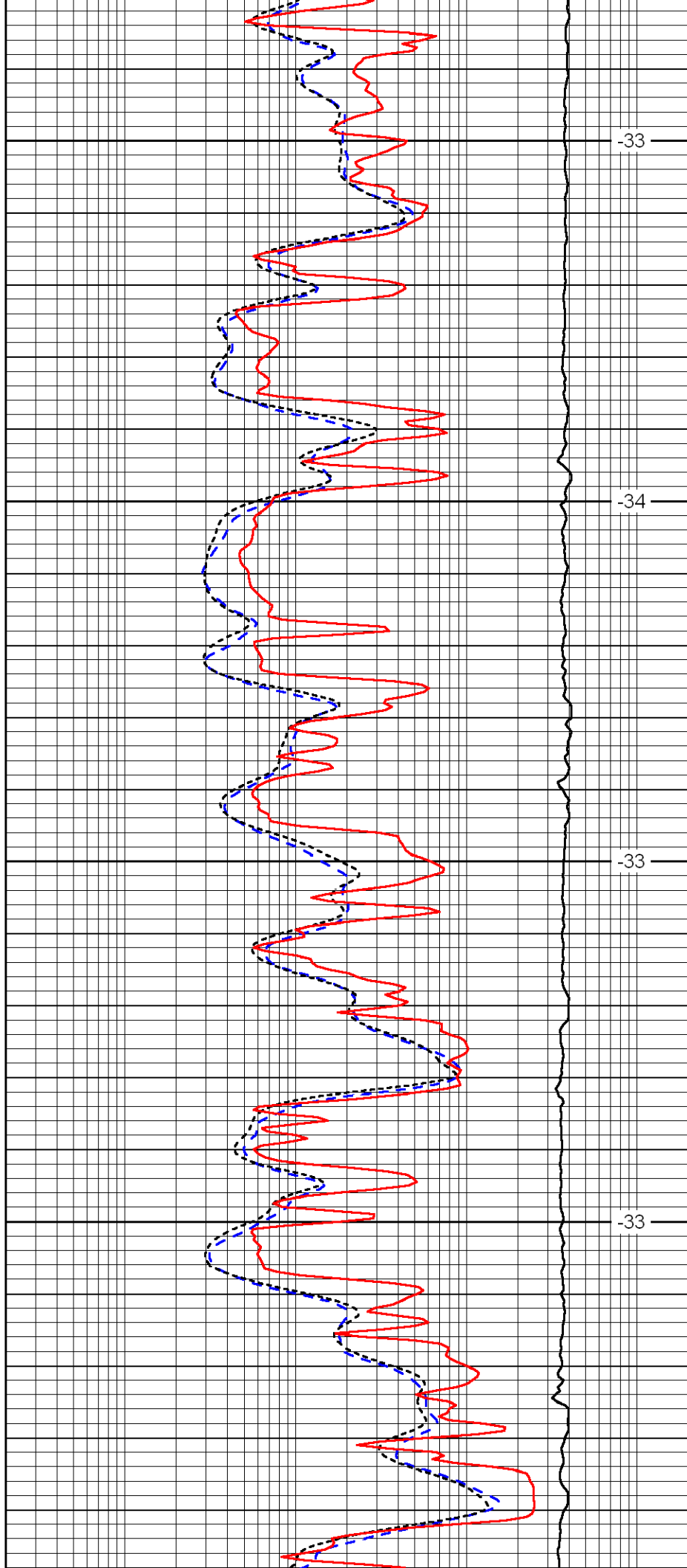


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3200

3250

3300

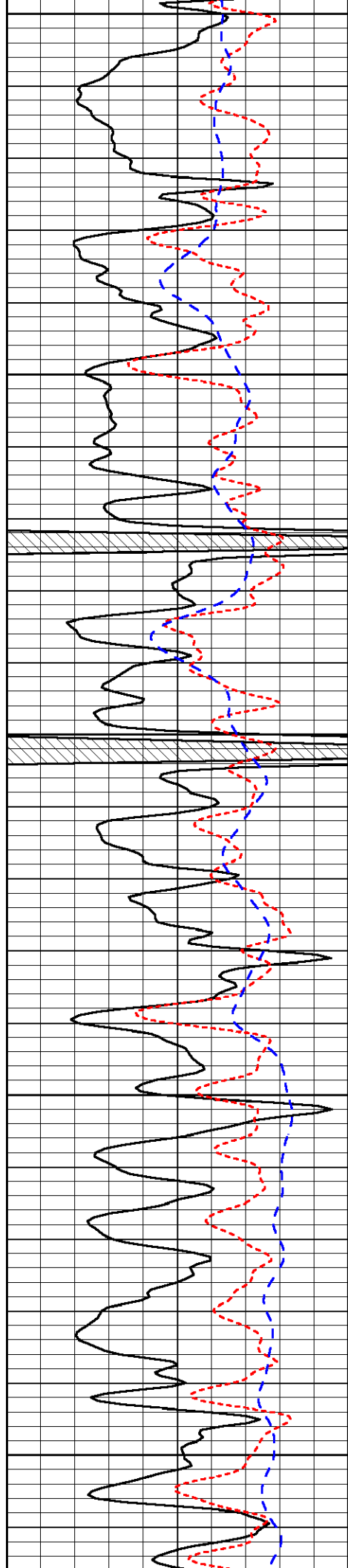


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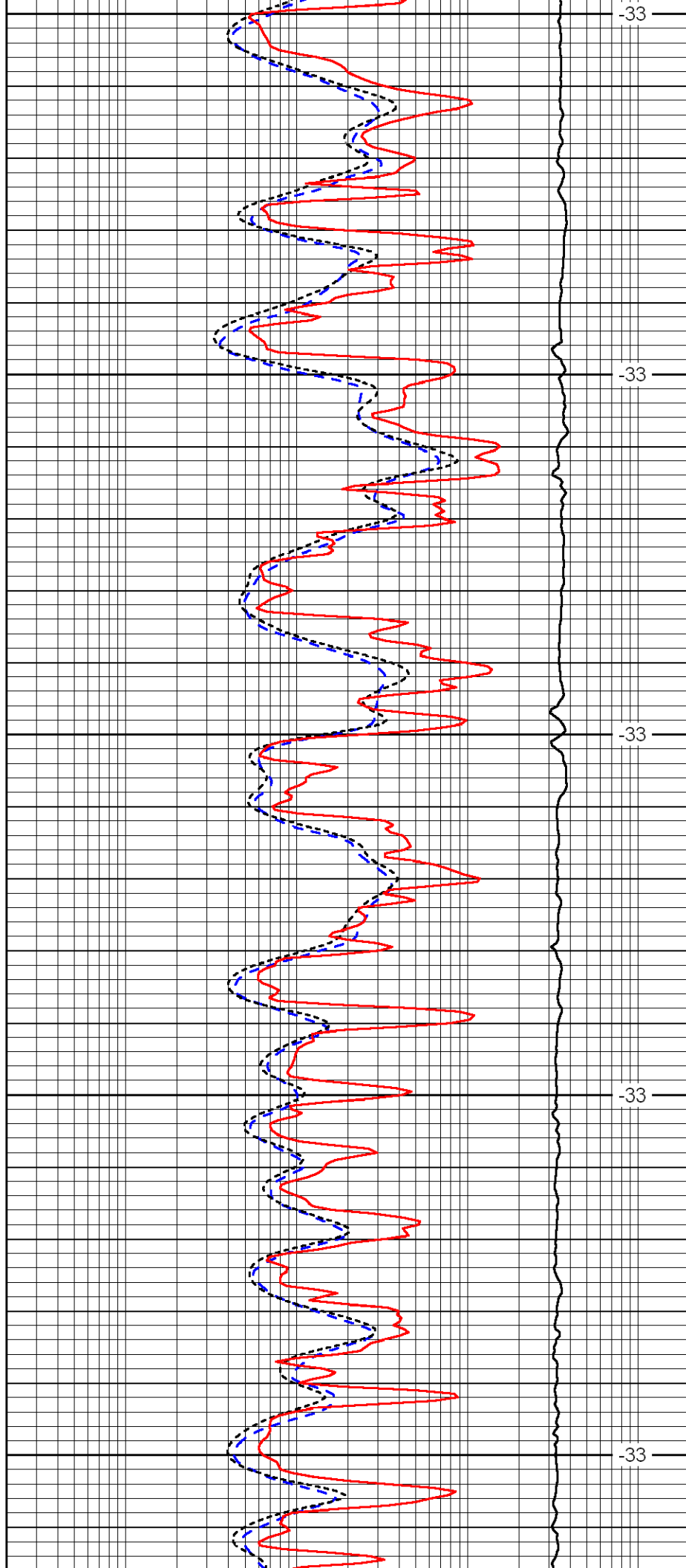
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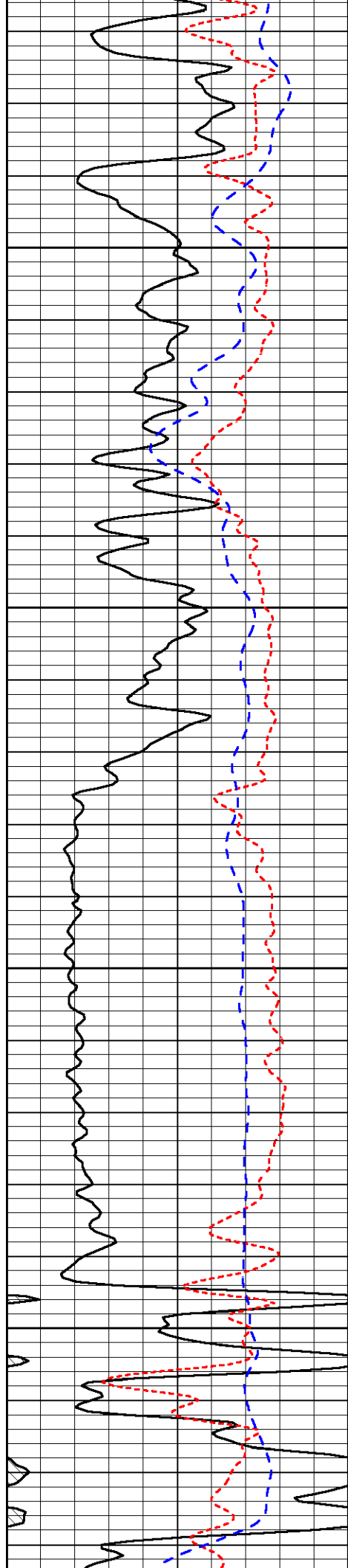
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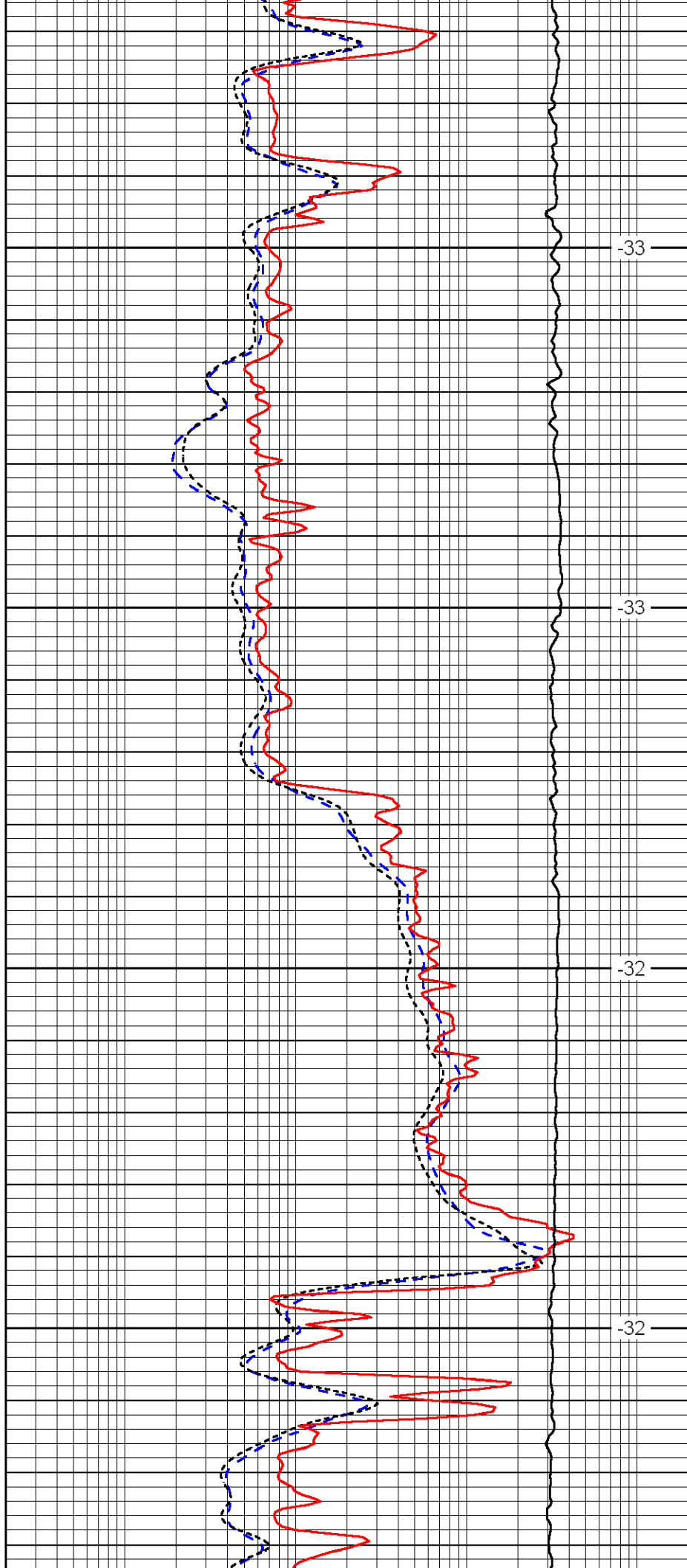


3600

3650

3700

3750

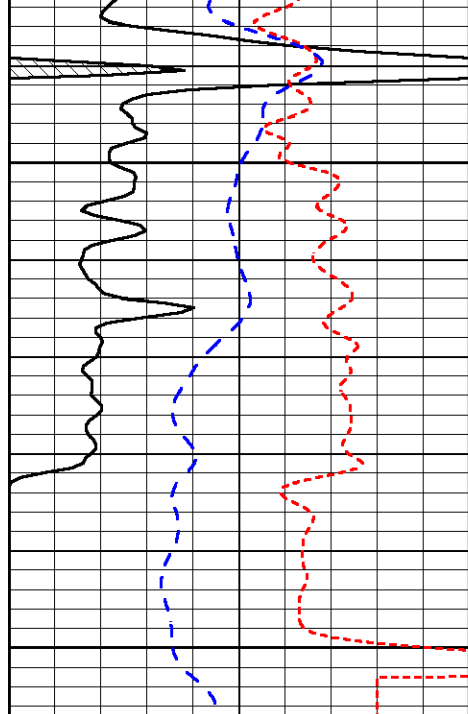


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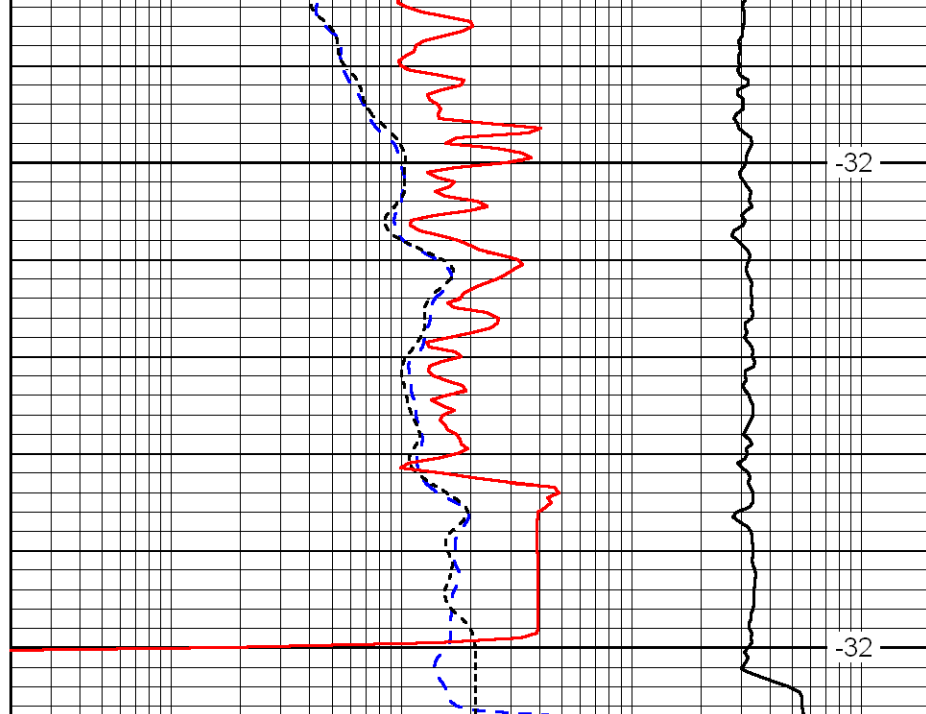
-32



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

3800

3850



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

LSPD