



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-185-23,672-00-00

Company F. G. Holl Co., LLC.

Well Krupp No. 1-10

Field

County

Stafford

State

Kansas

Location

NW SE NE
1,600' FNL & 2,260' FEL

Sec: 10

Twp: 22 S

Rge: 14 W

Other Services
DIL/BHCS
FRAC FINDER

Elevation

K.B. 1940
D.F. 1932
G.L. 1932

Permanent Datum

Ground Level

Elevation 1932

Log Measured From

Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

Date

4/3/2011

Run Number

Two

Depth Driller

4000

Depth Logger

4000

Bottom Logged Interval

3999

Top Log Interval

1800

Casing Driller

8.625 @ 844

Casing Logger

836

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4300

Density / Viscosity

9.1 49

pH / Fluid Loss

11.5 10.2

Source of Sample

Flowline

Rm @ Meas. Temp

.75 @ 64

Rmf @ Meas. Temp

.56 @ 64

Rmc @ Meas. Temp

1.01 @ 64

Source of Rmf / Rmc

Charts

Rm @ BHT

.41 @ 116

Operating Rig Time

6 Hours

Max Rec. Temp. F

116

Equipment Number

10

Location

Hays

Recorded By

Jim Schuler

Witnessed By

Ryan Greenbaum

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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

Great Bend South on 281 to K 19. West 5 miles
to NW 50 Ave, South 1/2 Miles, West Into

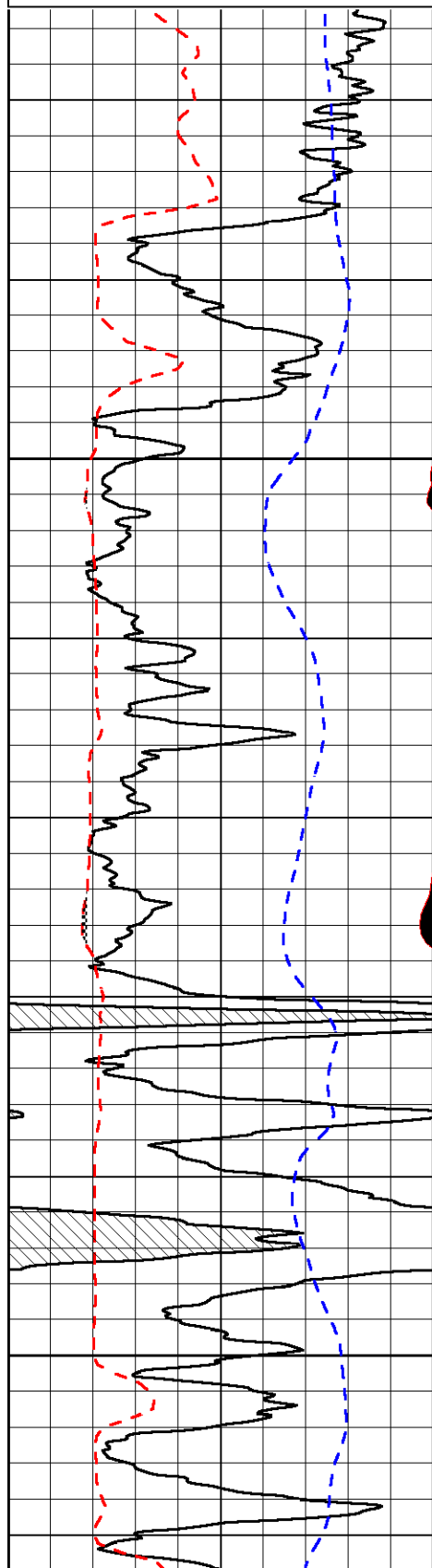


High Resolution

Database File: fgholl_krupp_1_10hd.db
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Presentation Format: micro
Dataset Creation: Mon Apr 04 02:33:03 2011
Charted by: Depth in Feet scaled 1:120

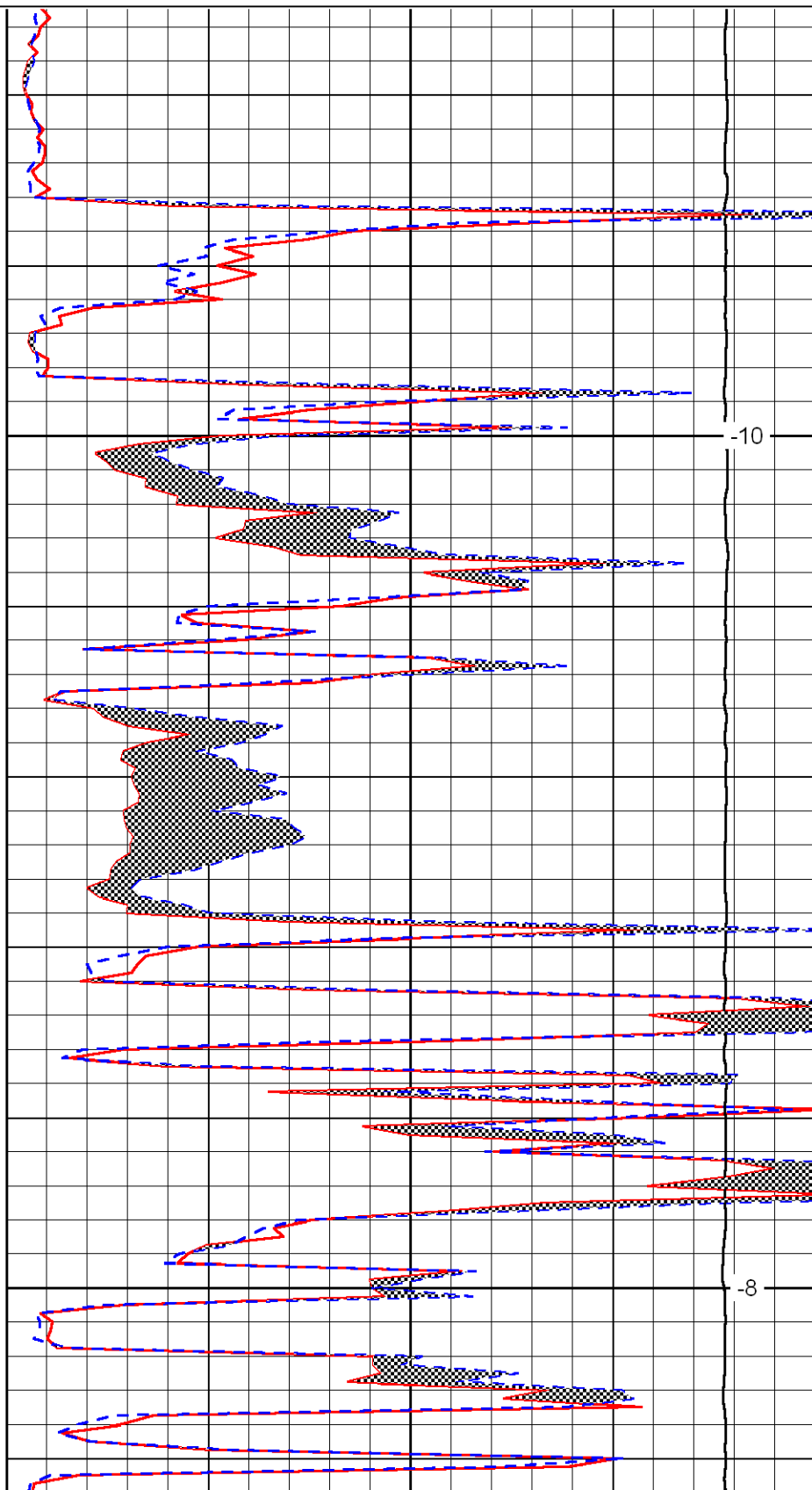
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6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD



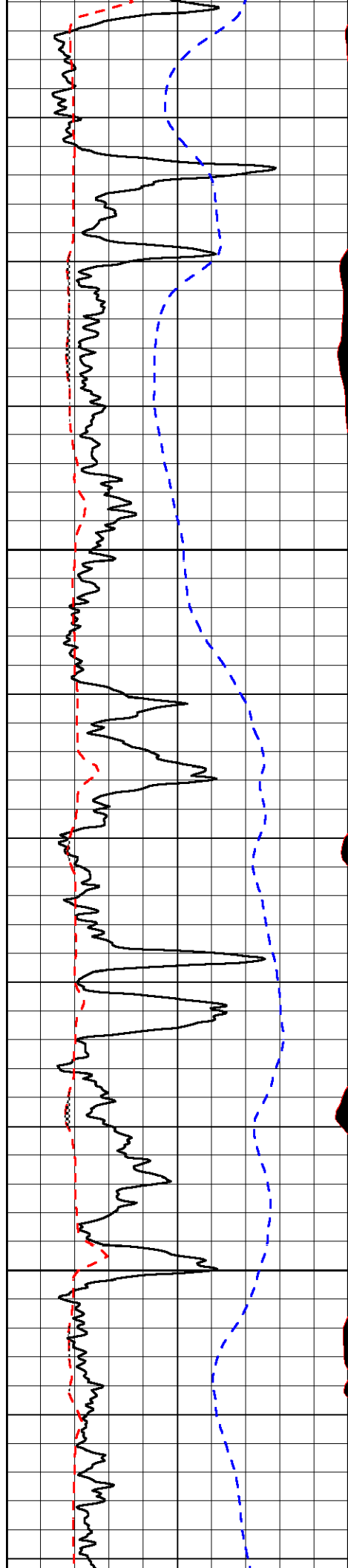
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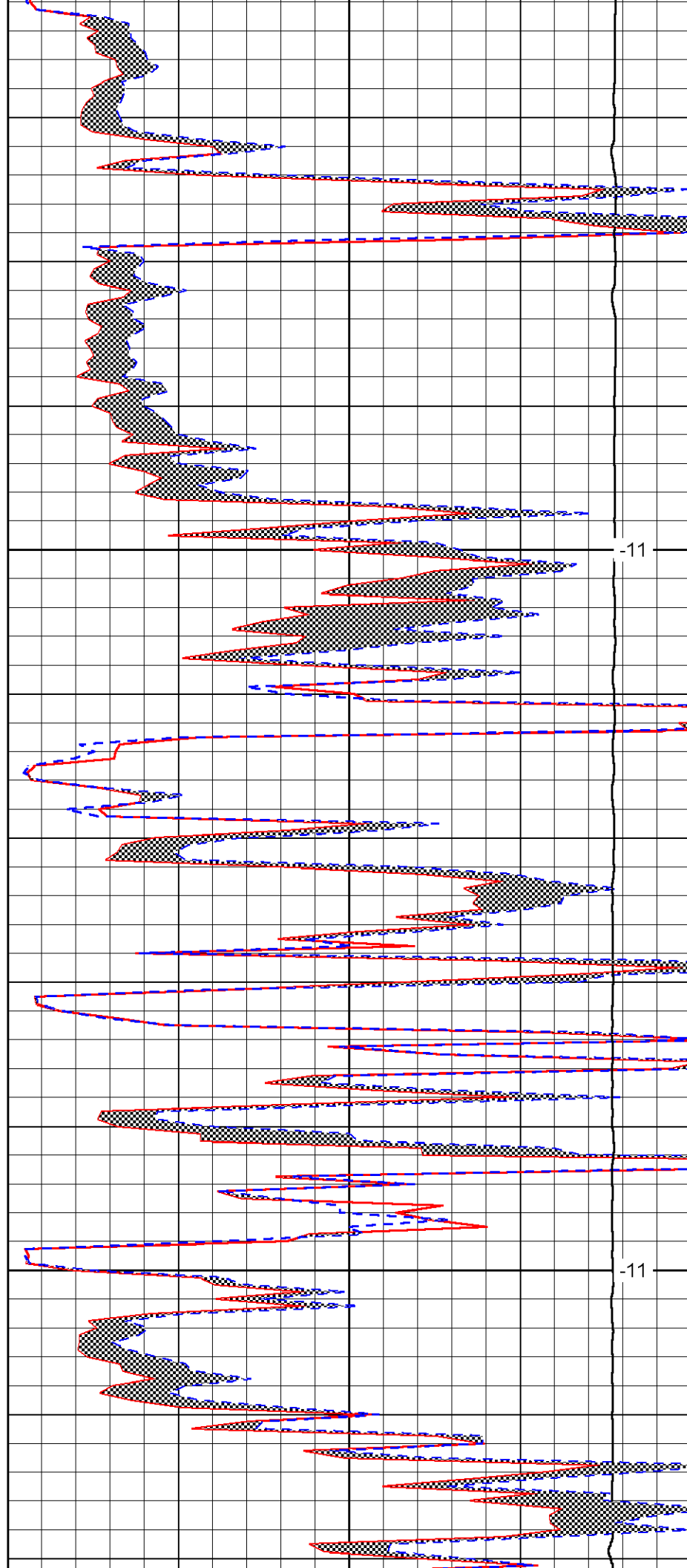
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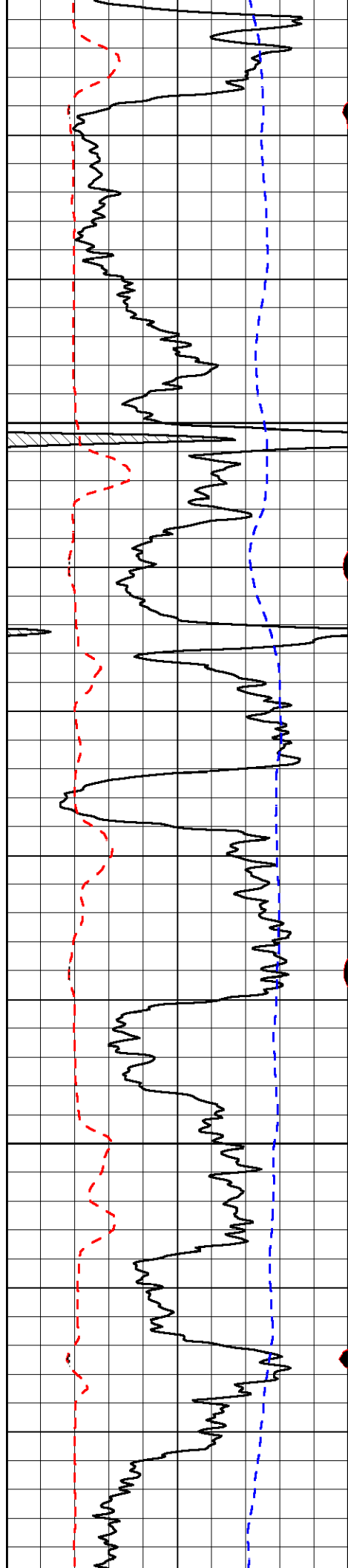
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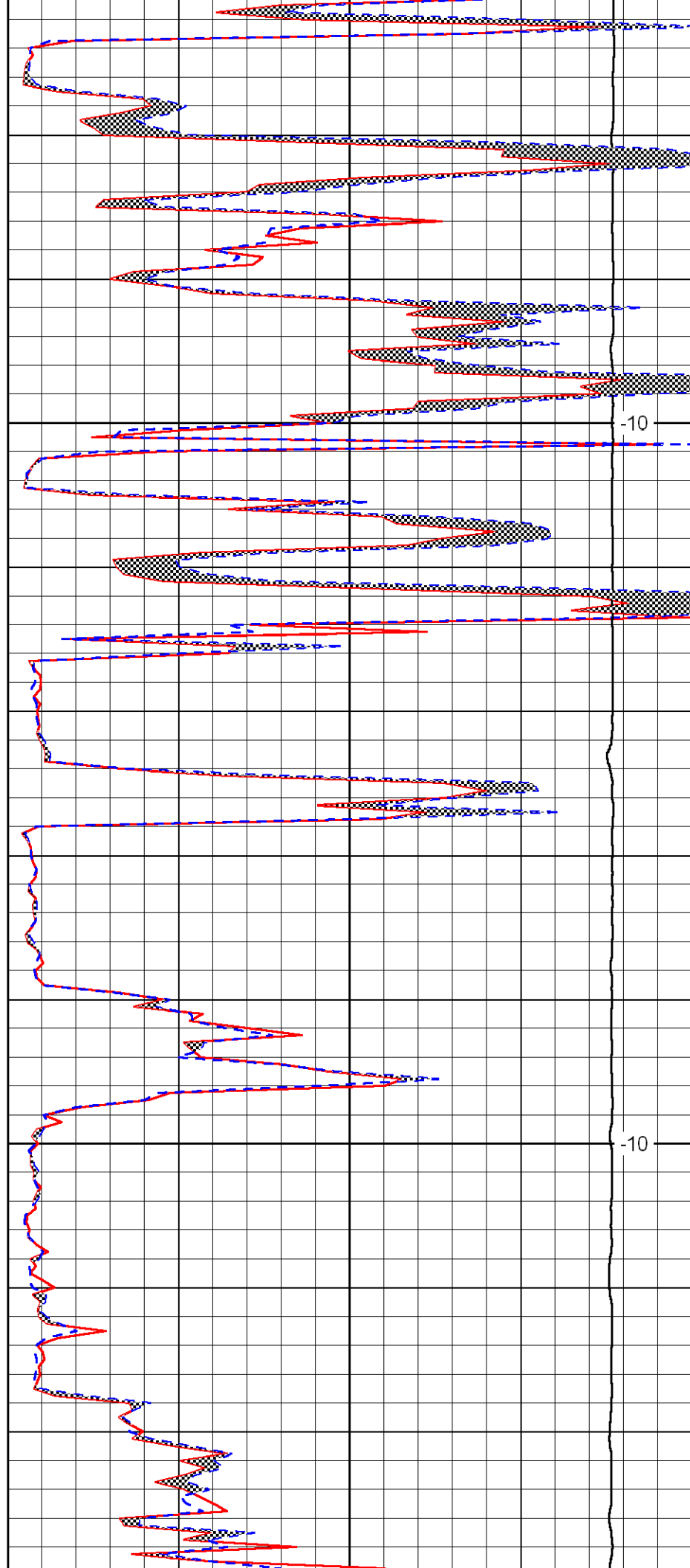
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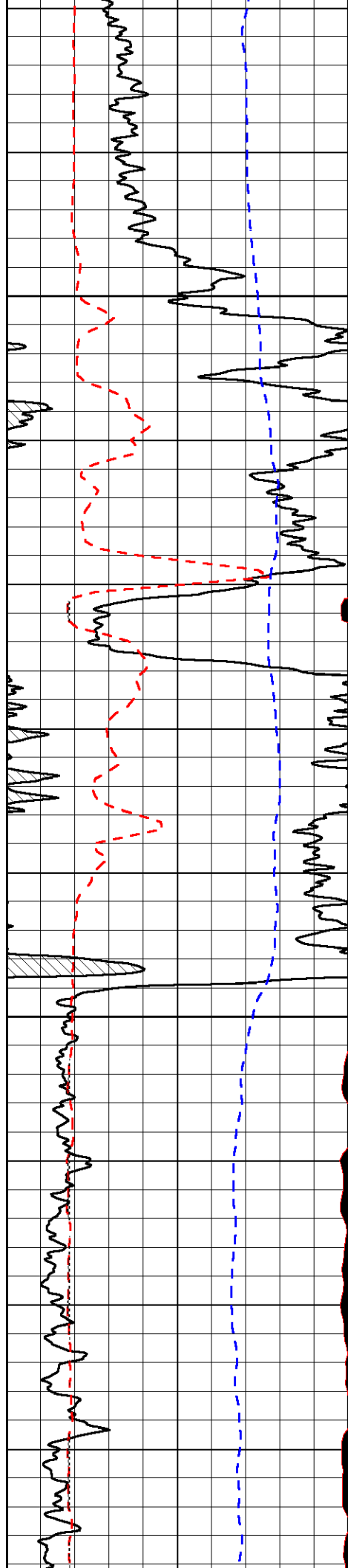
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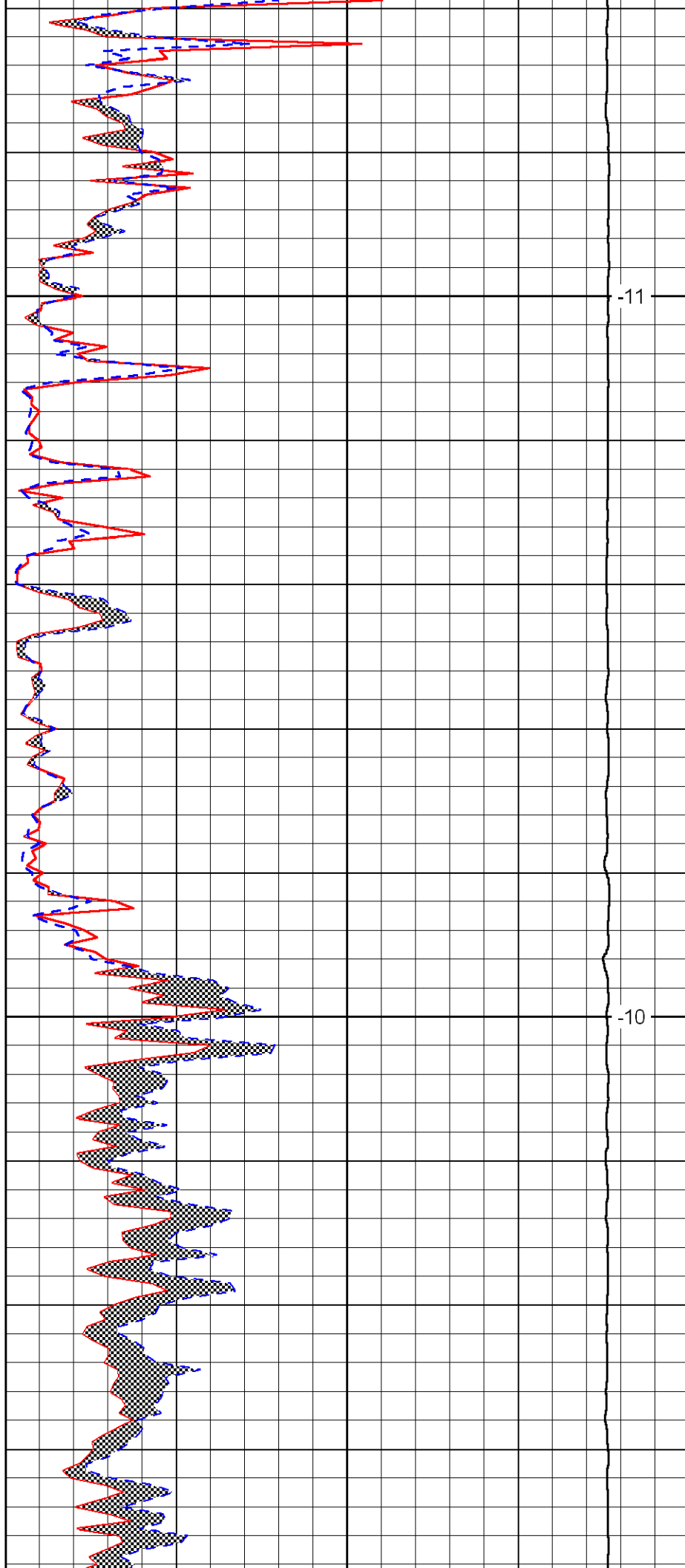
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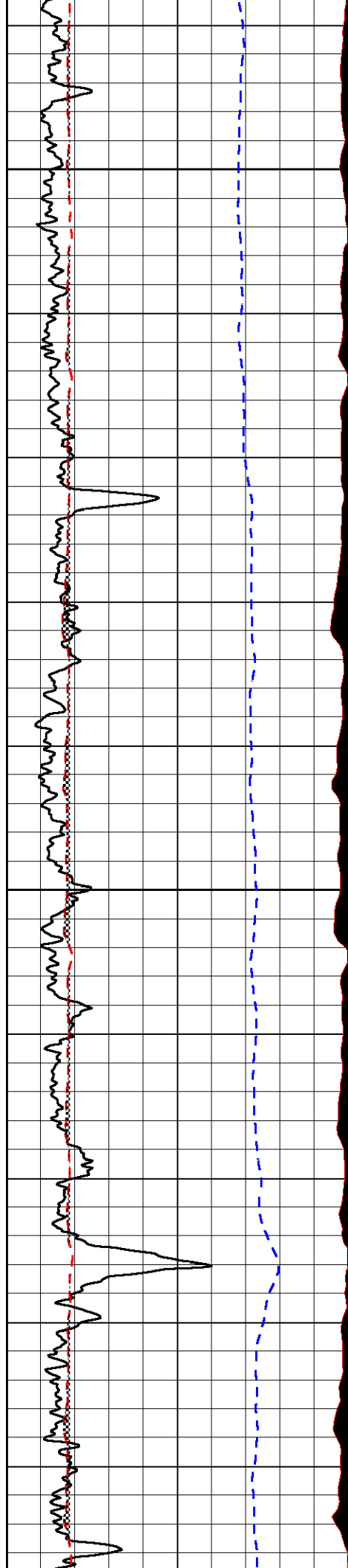
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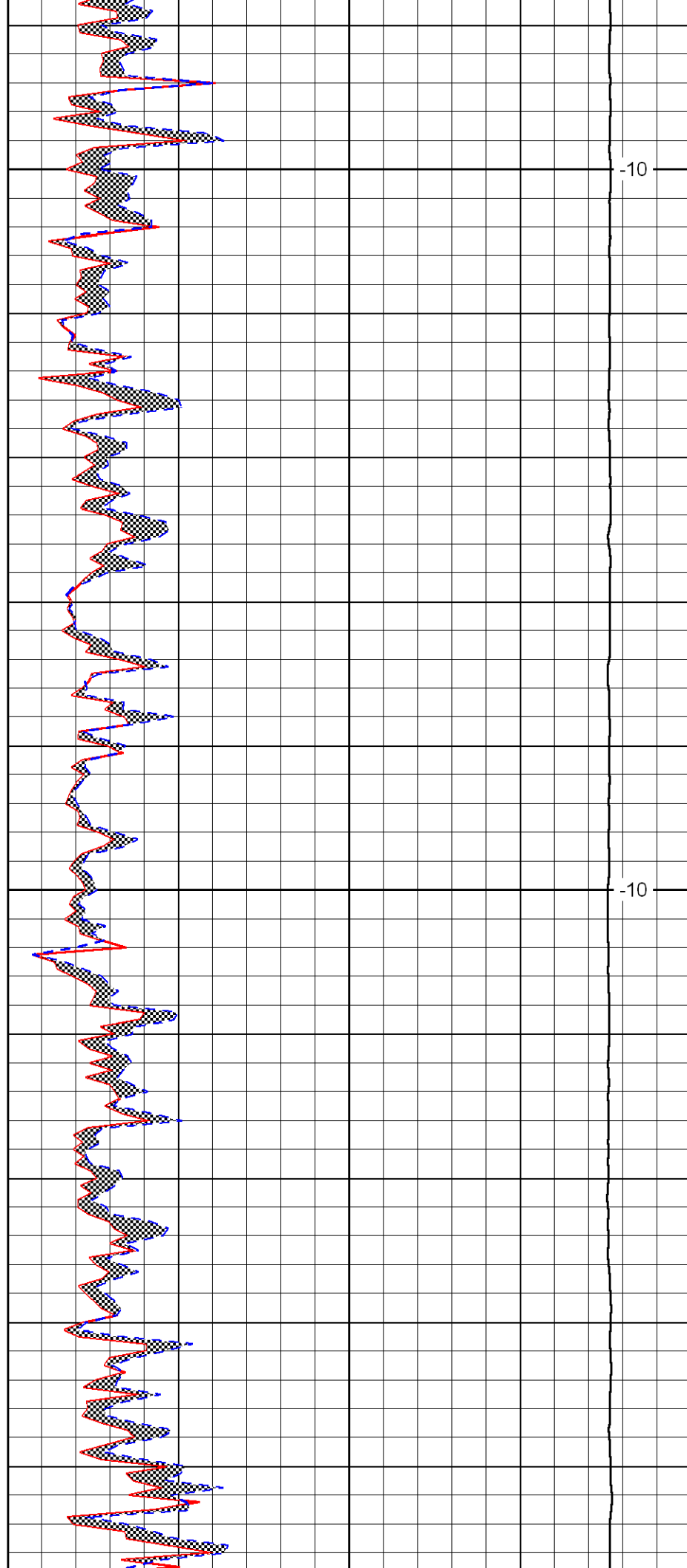
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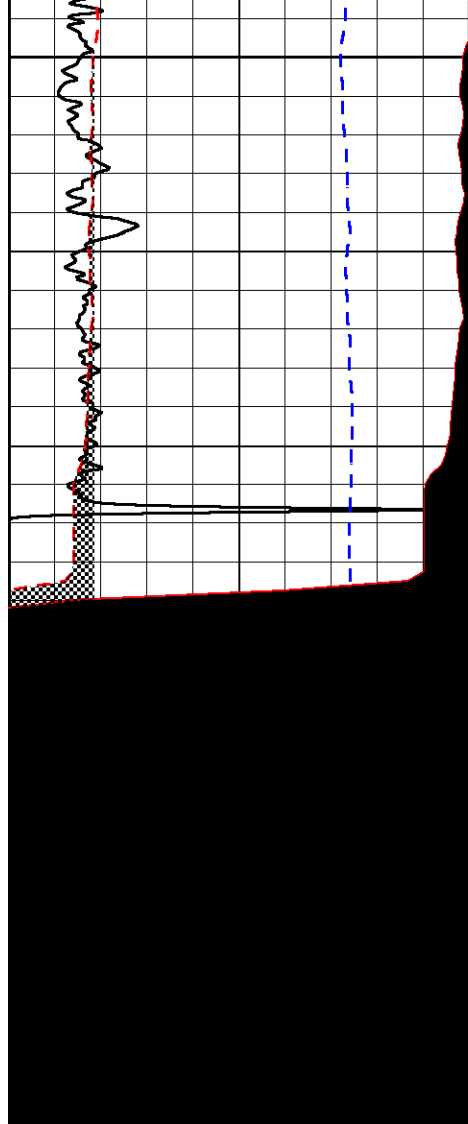
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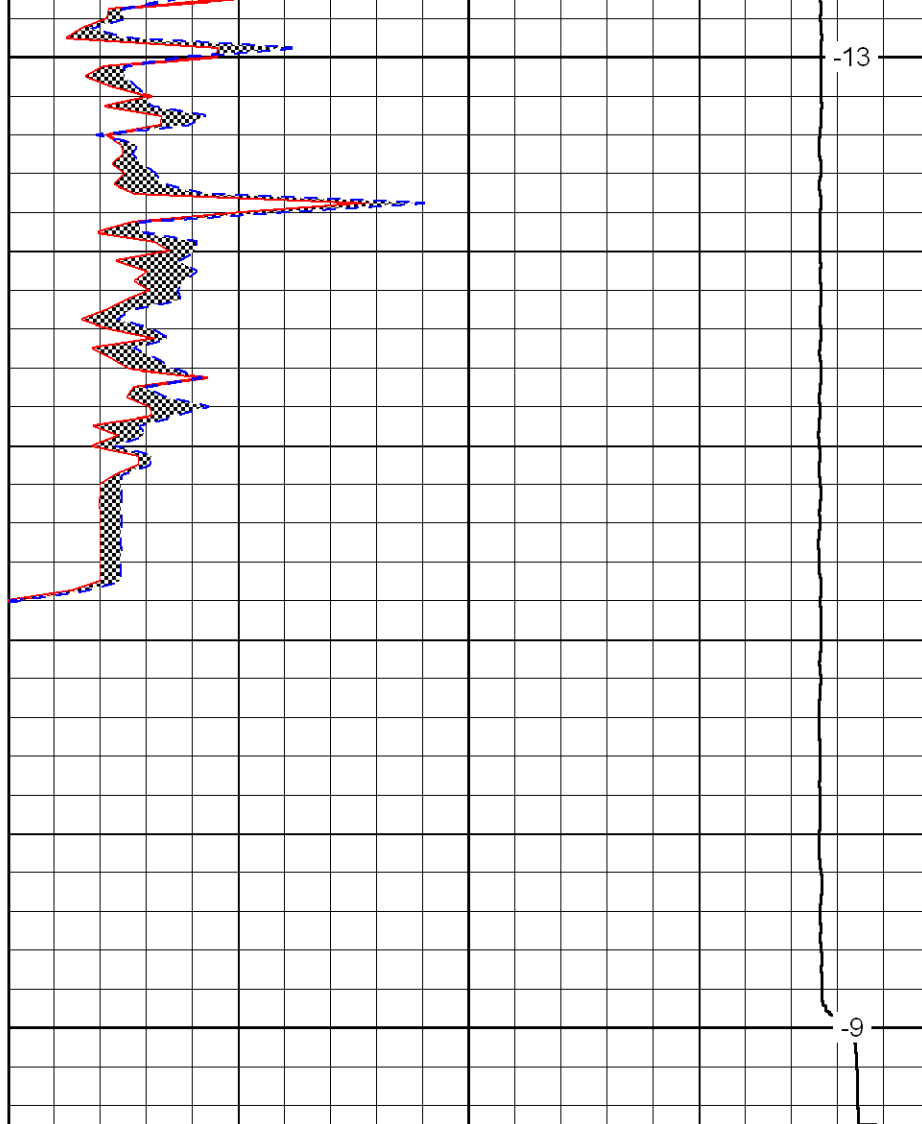
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3950

4000

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



-13

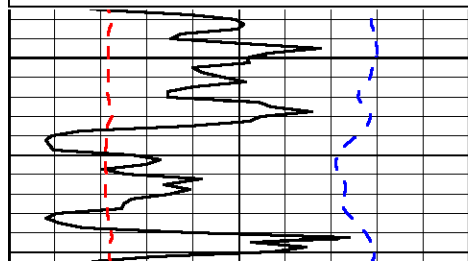
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0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0
		LSPD

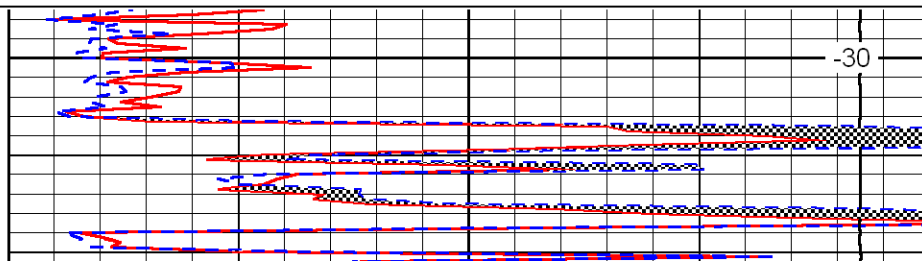
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 Dataset Pathname: DIL/fgstk
 Presentation Format: micro
 Dataset Creation: Mon Apr 04 01:49:20 2011
 Charted by: Depth in Feet scaled 1:240

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6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

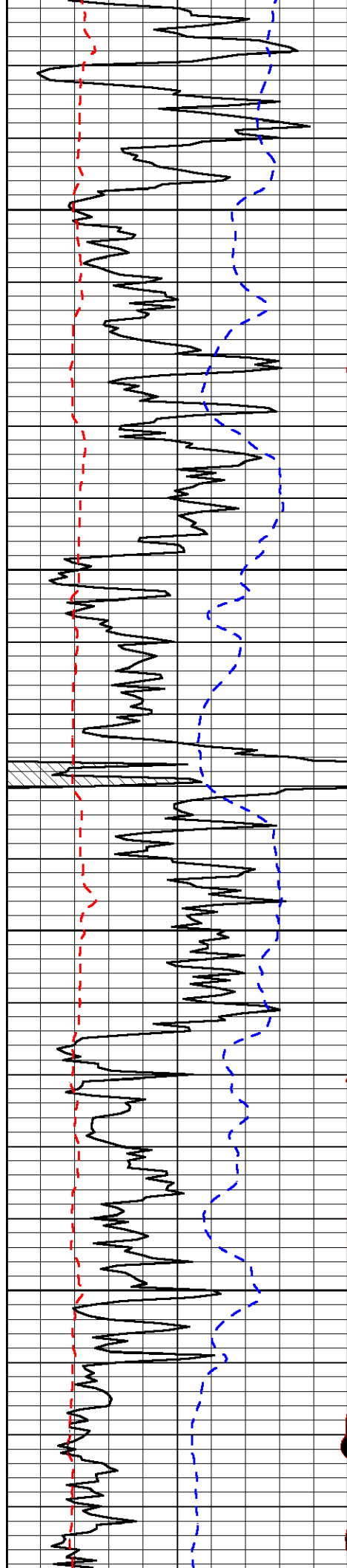
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0	Micro Normal 2''	40
10000	Line Weight	0
		LSPD



1800



-30

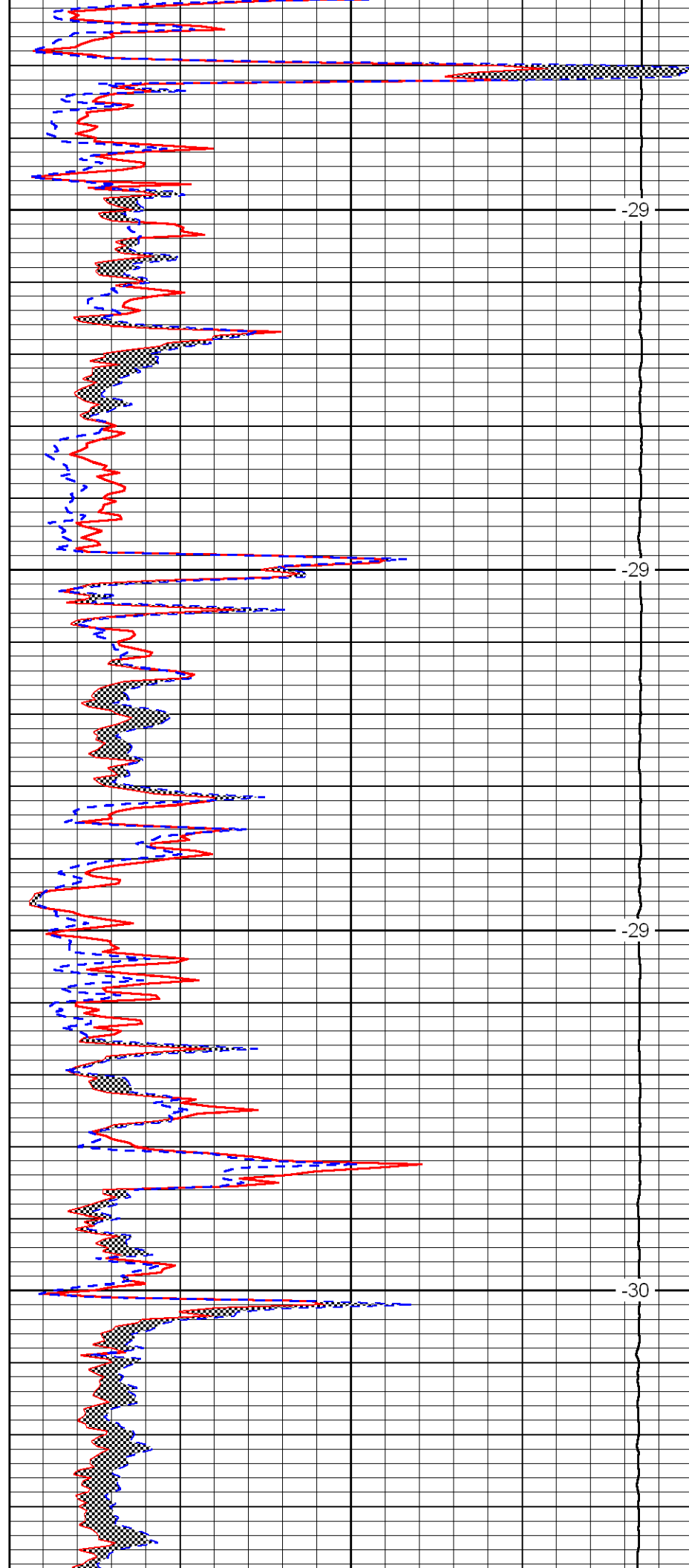


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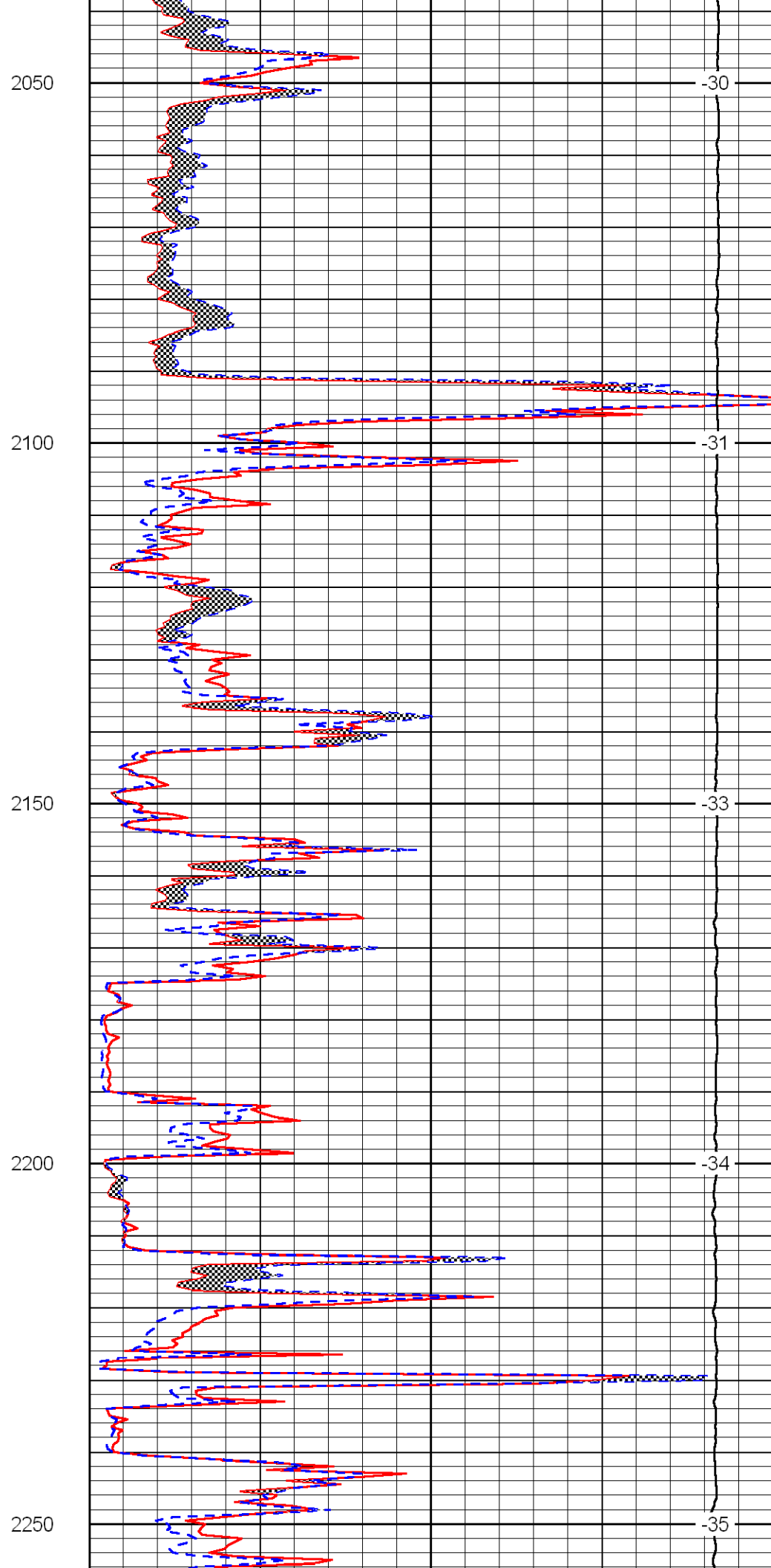
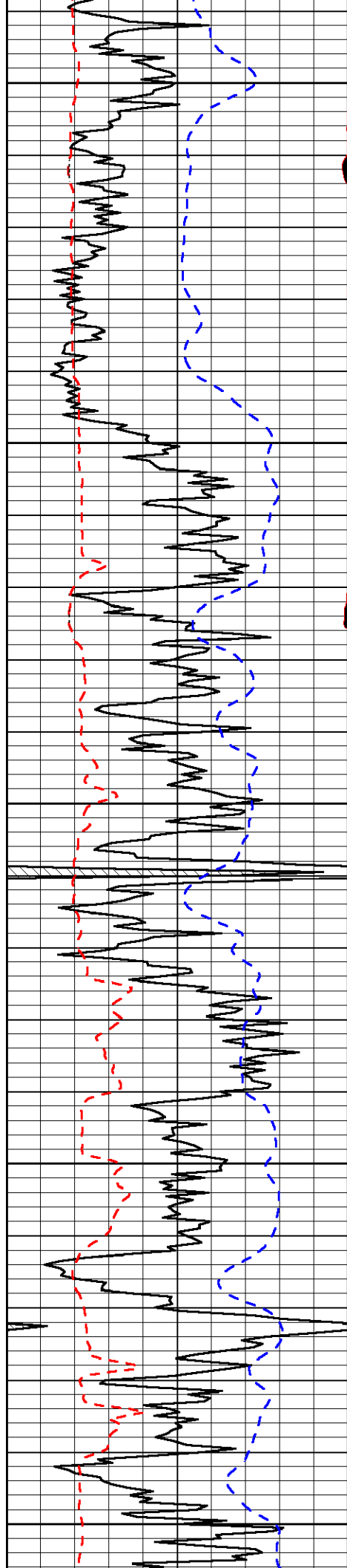


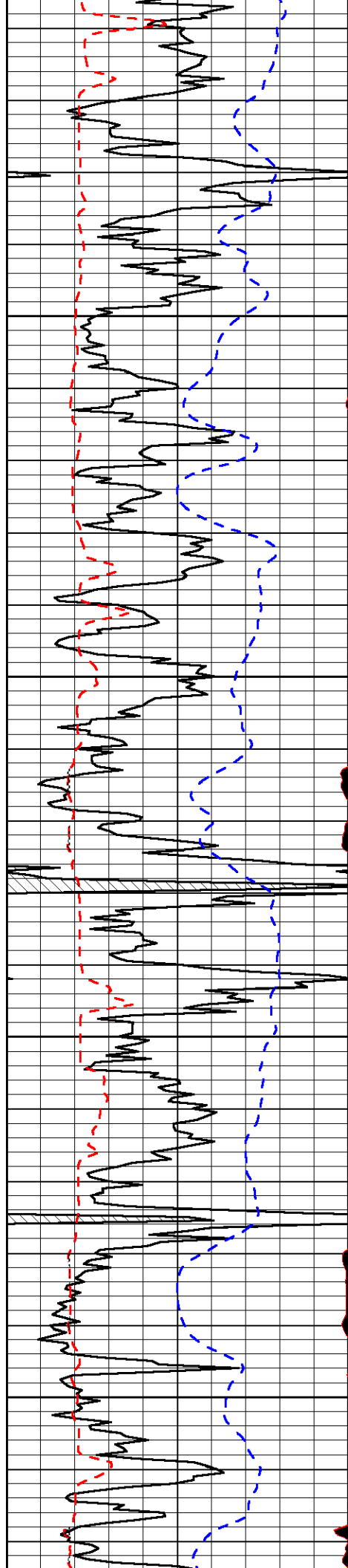
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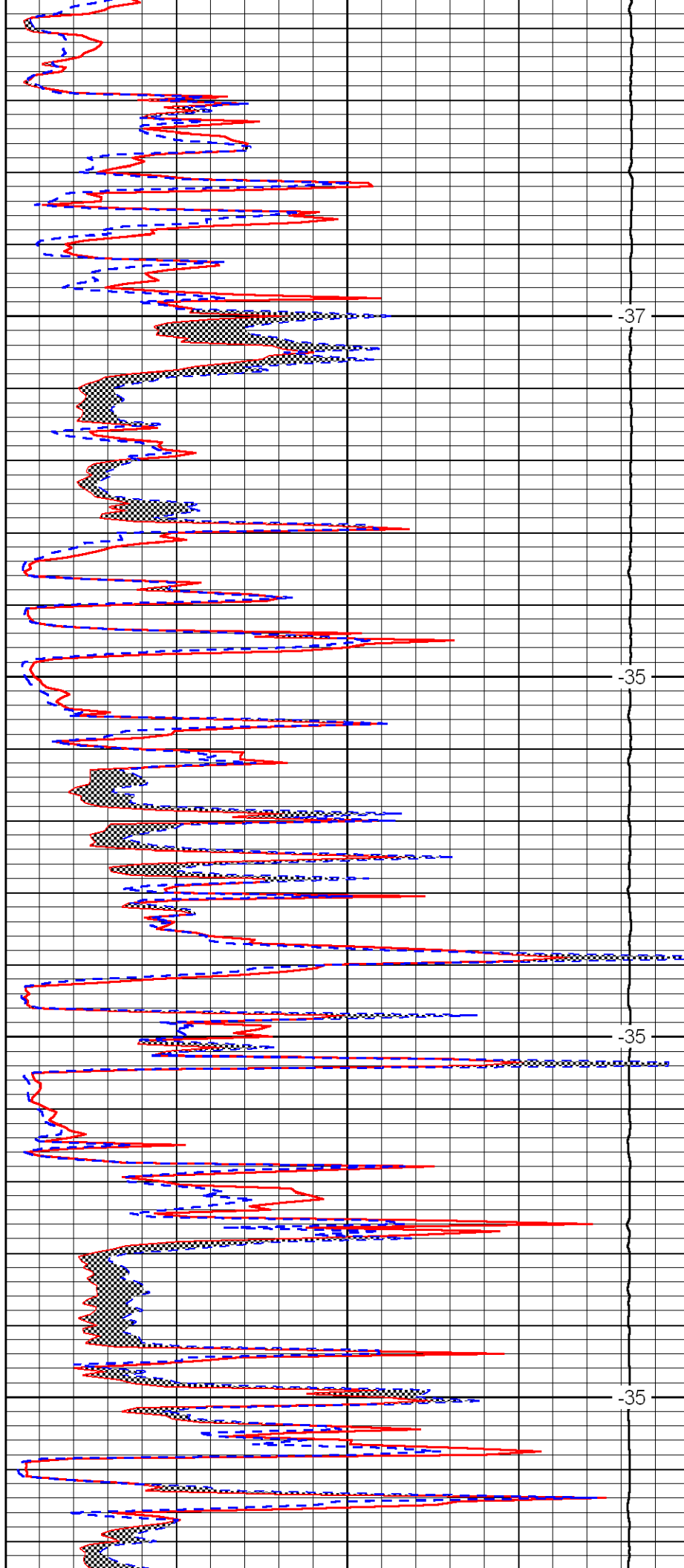


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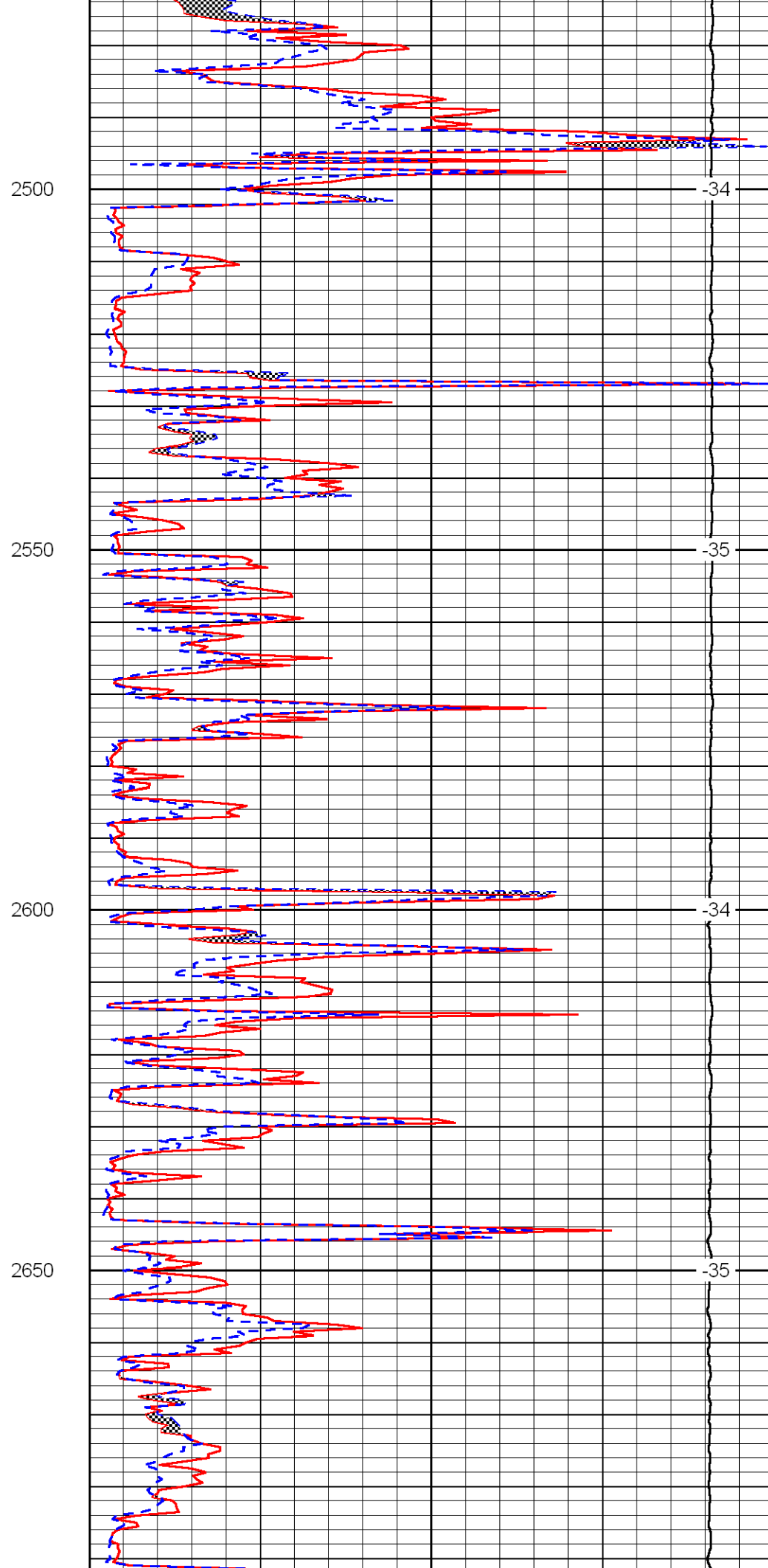
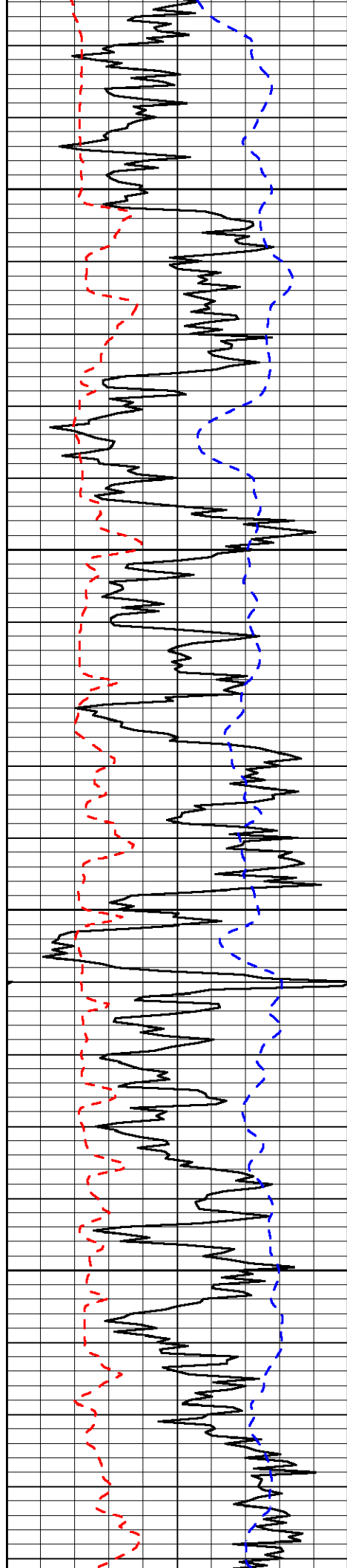


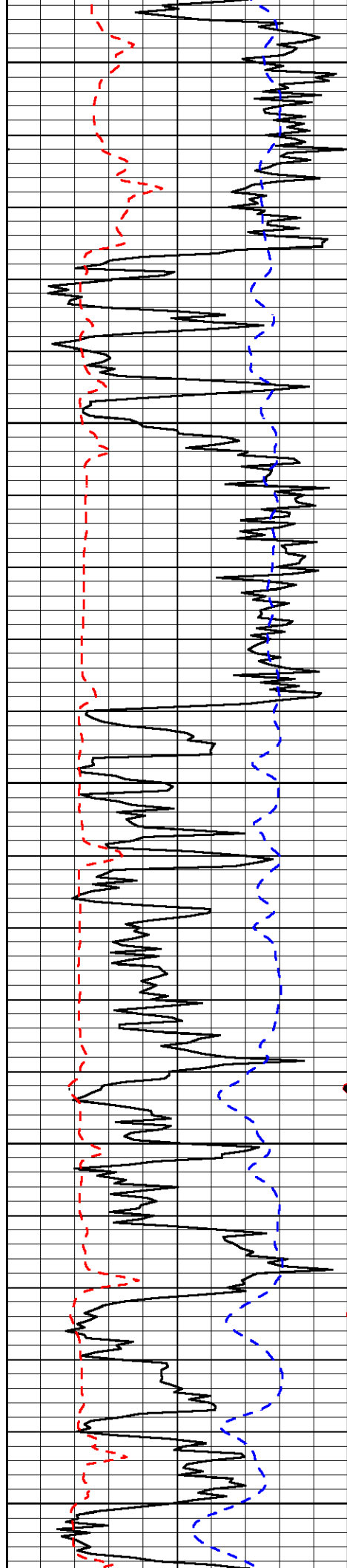
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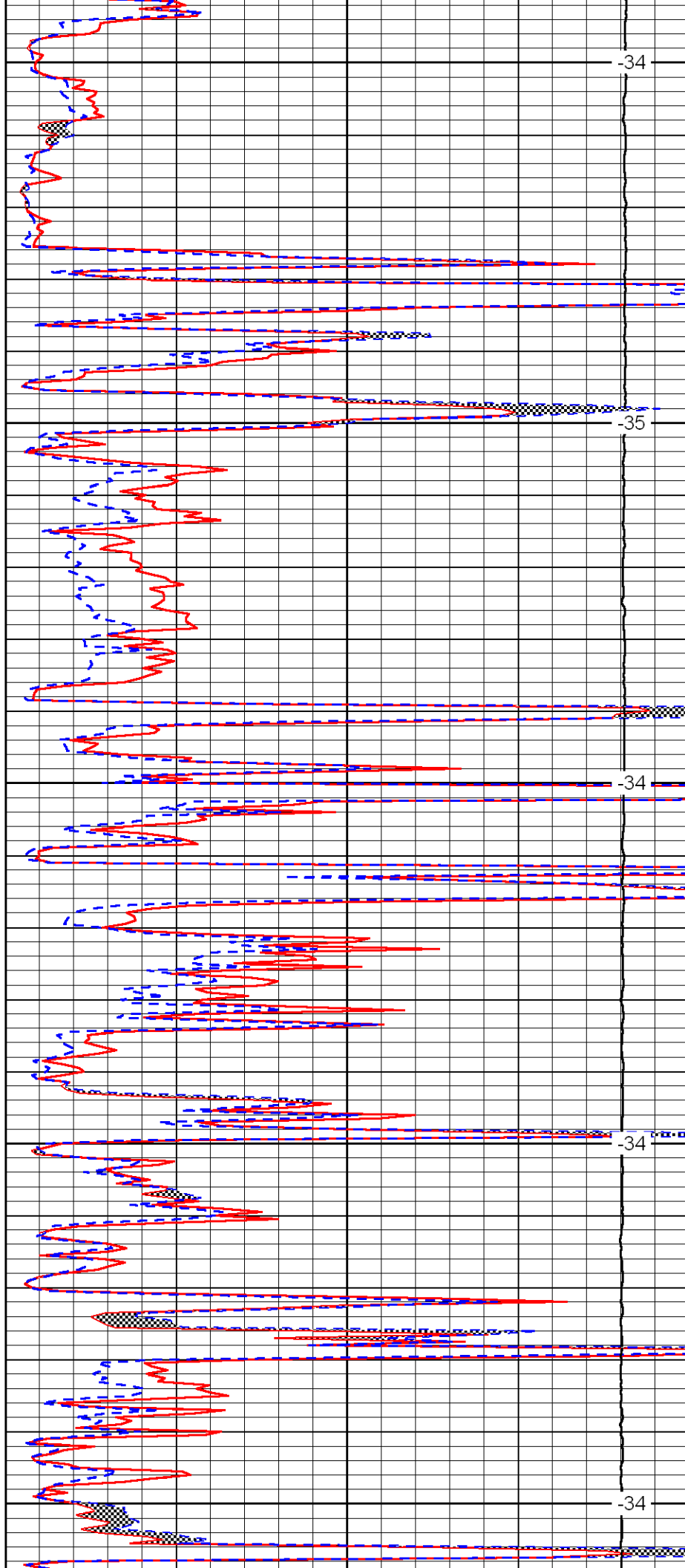
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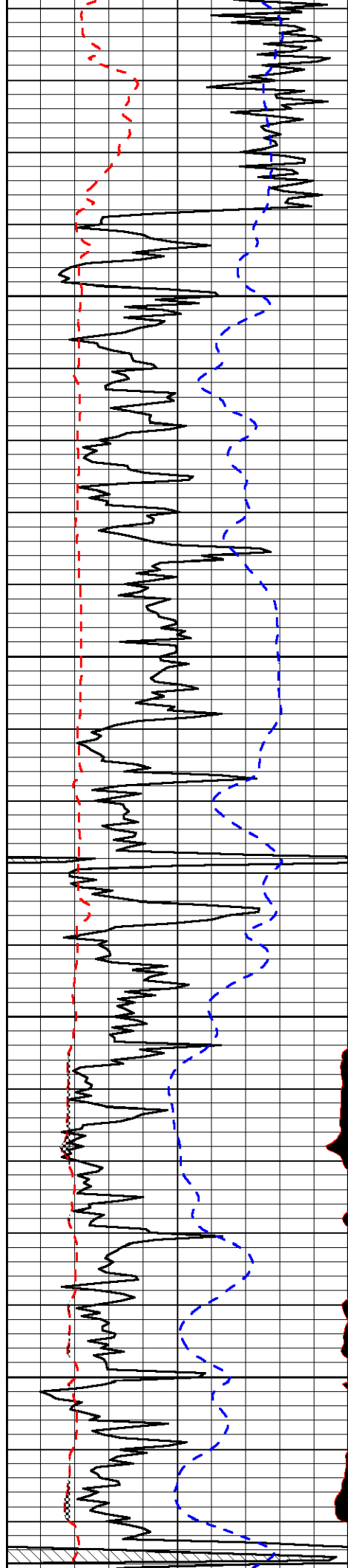
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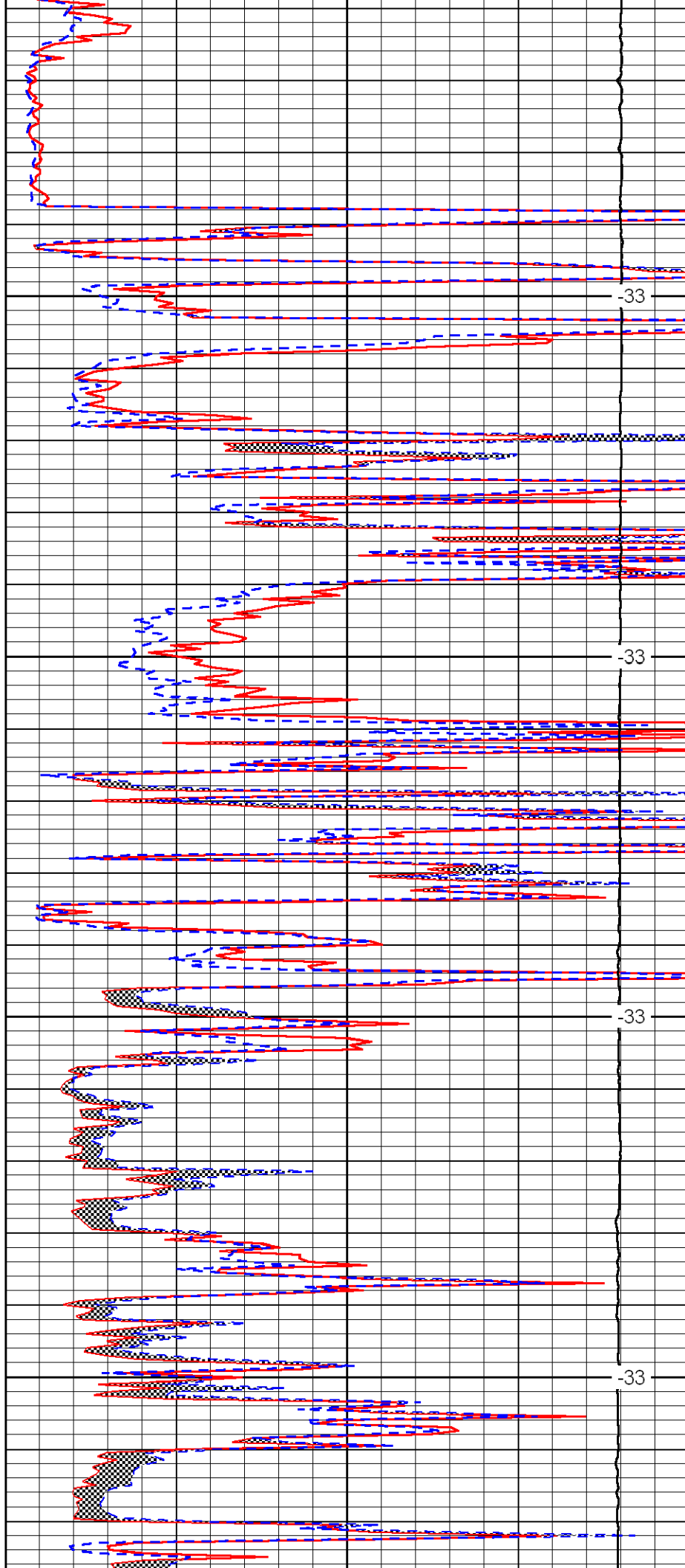


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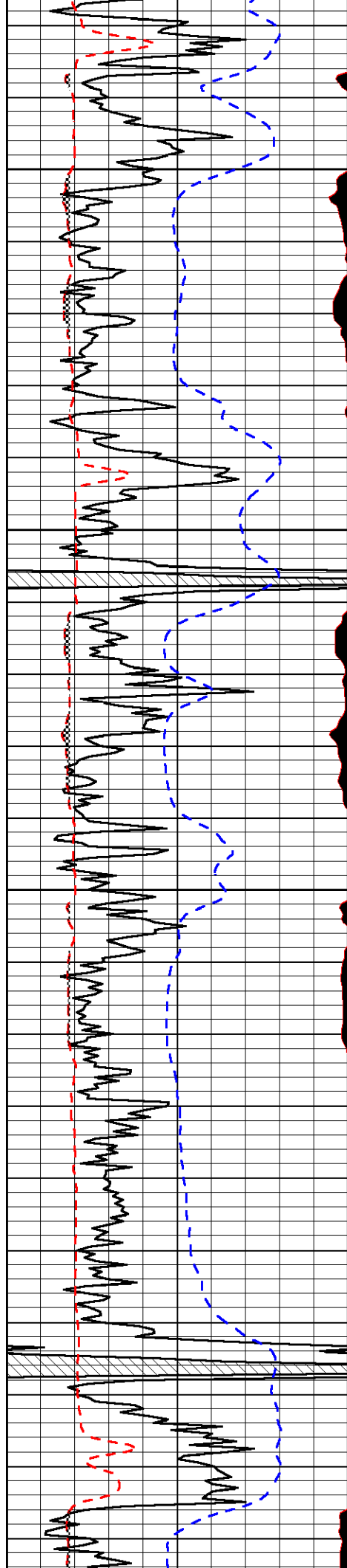


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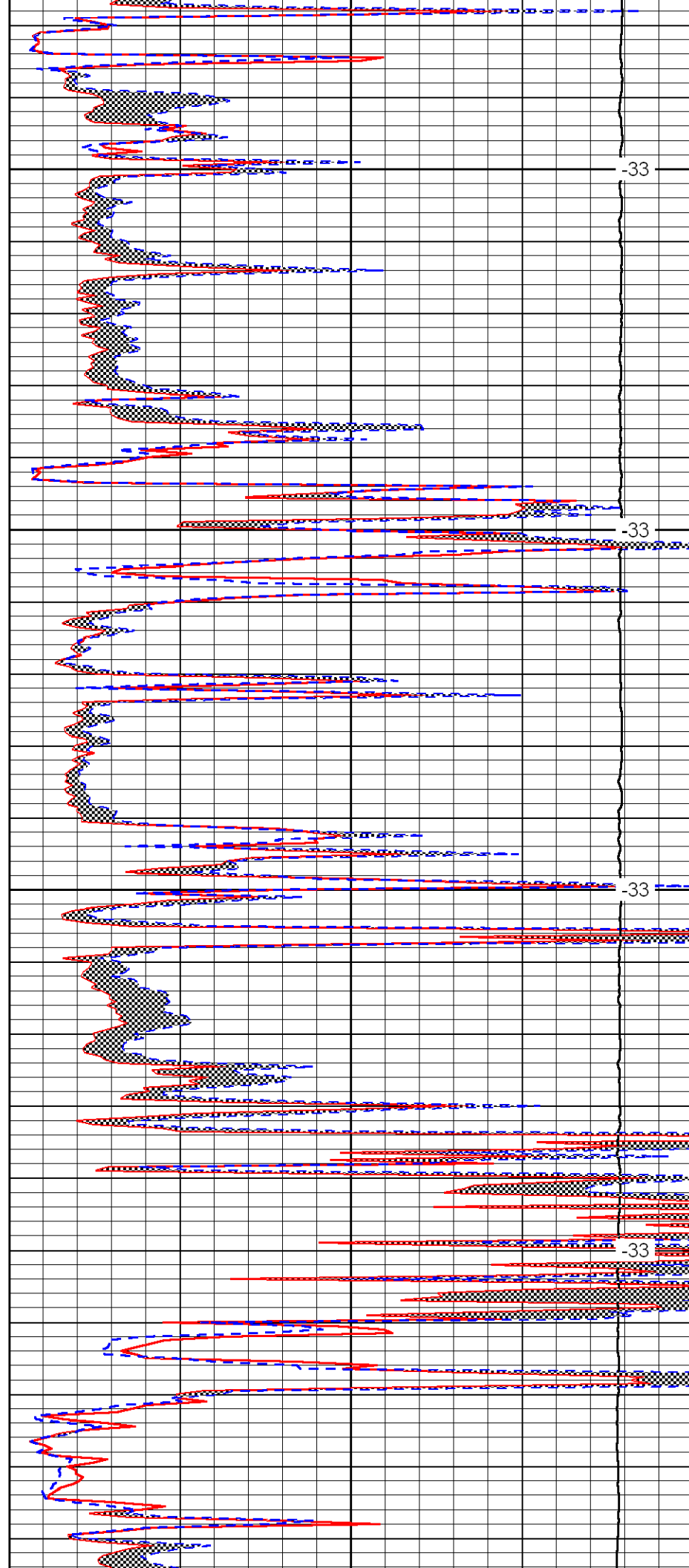


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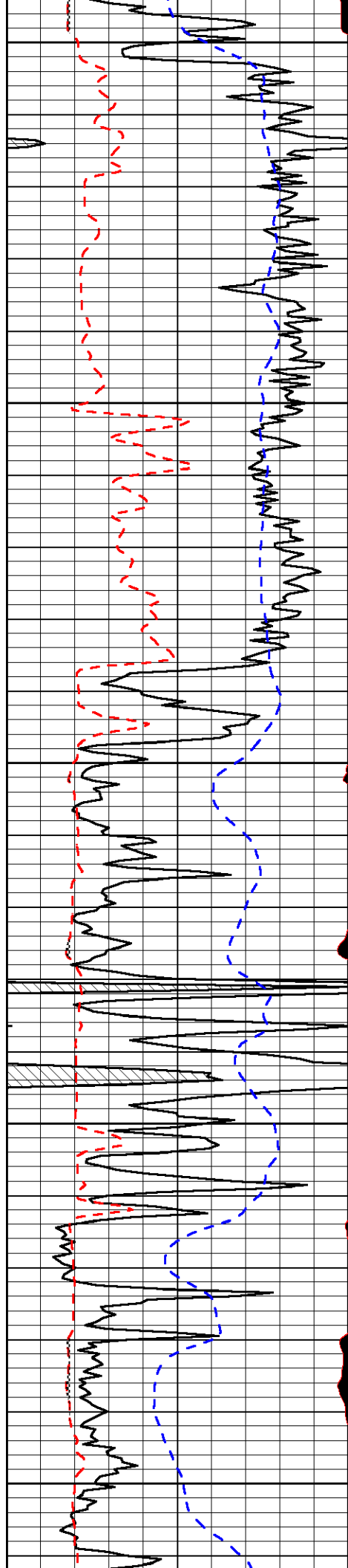


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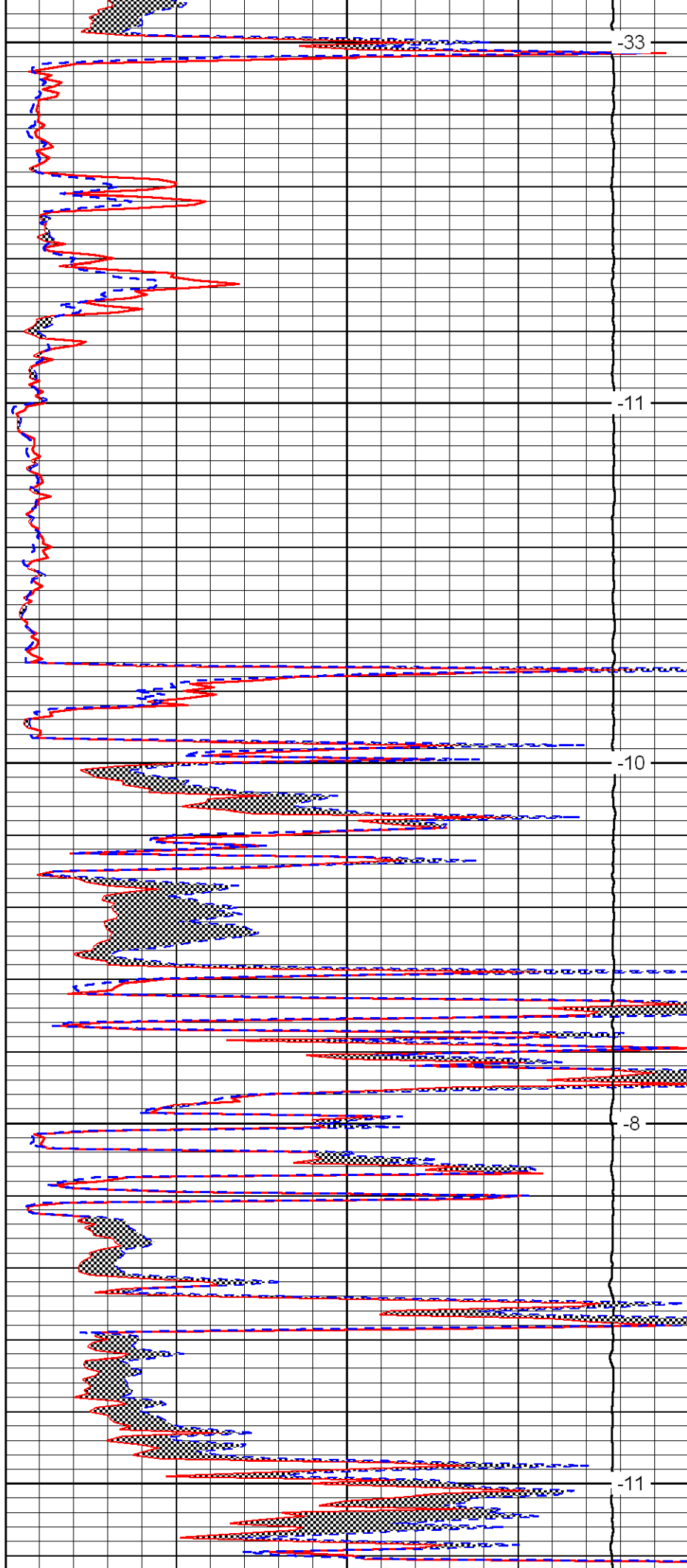
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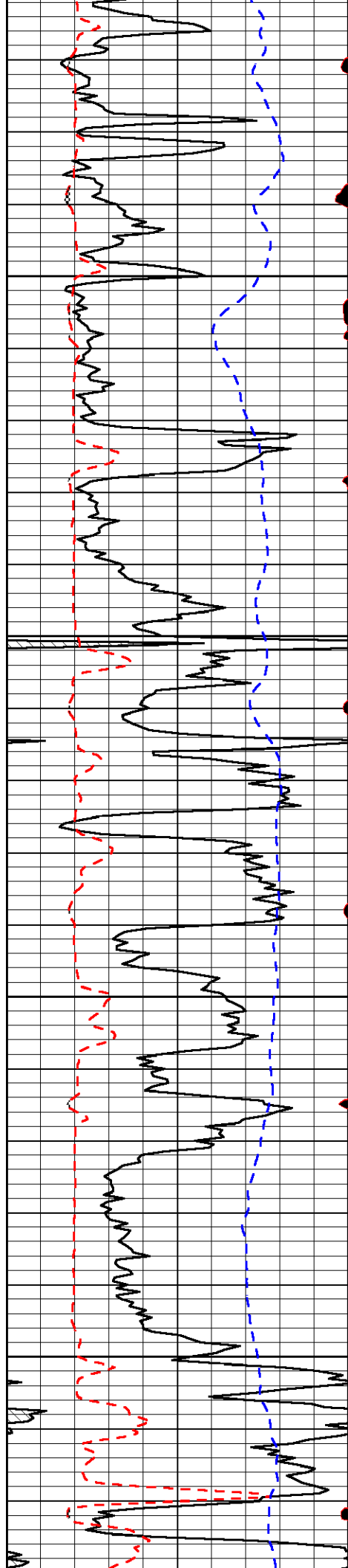
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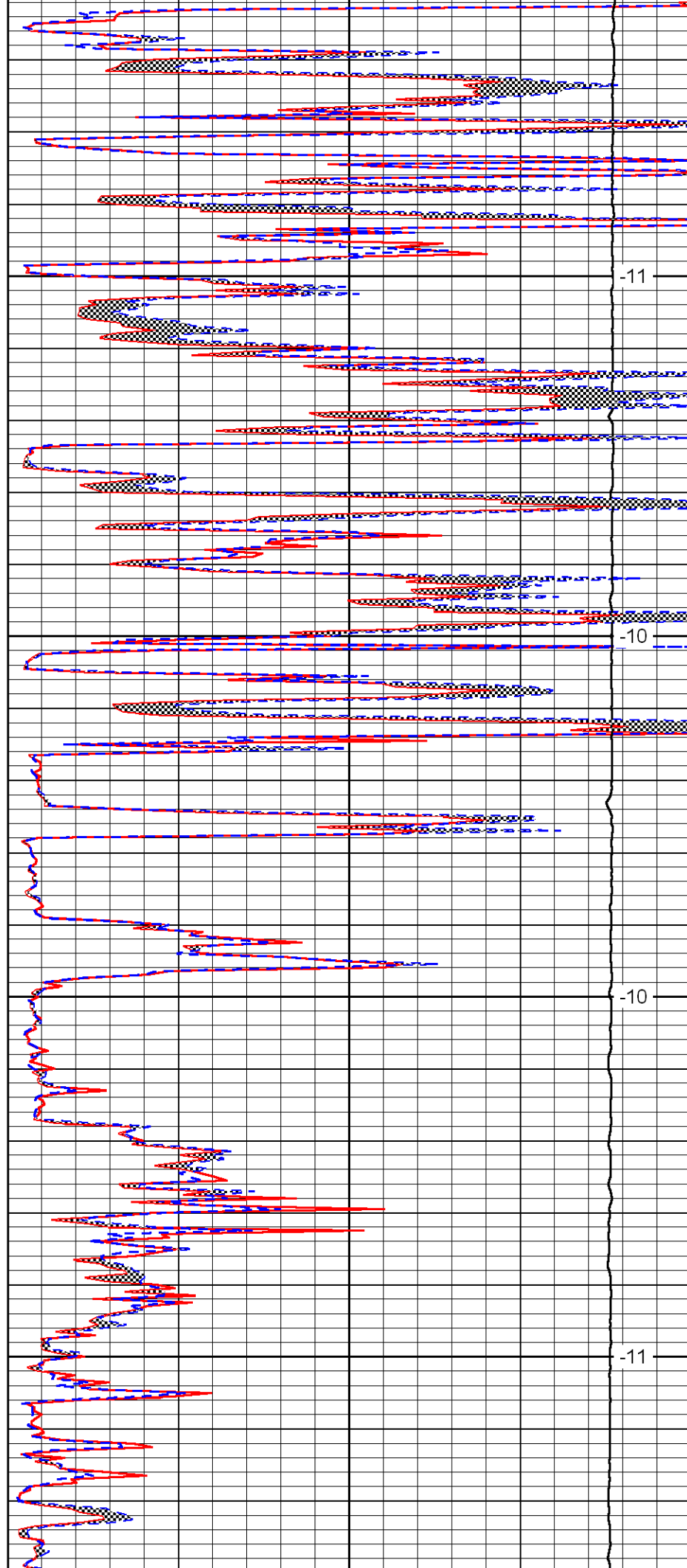


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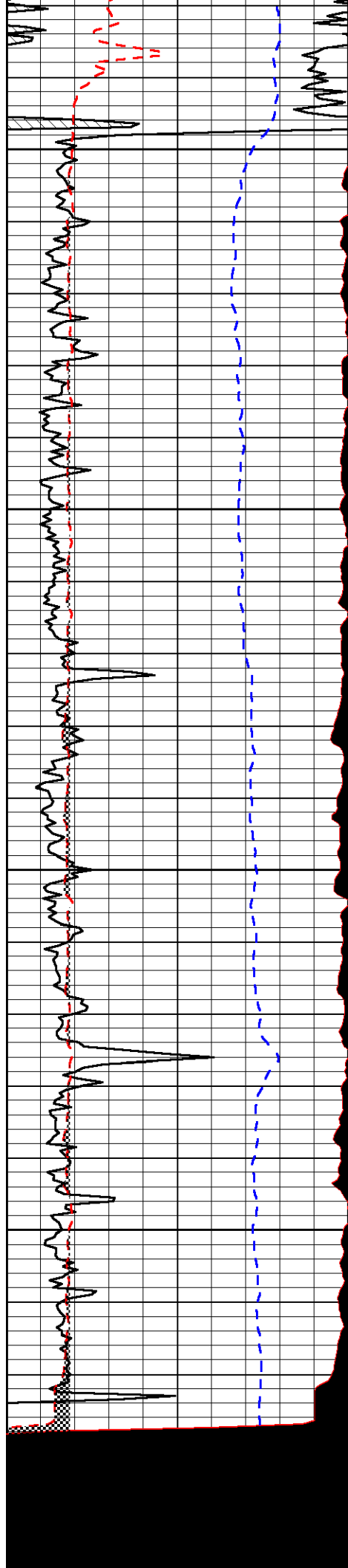


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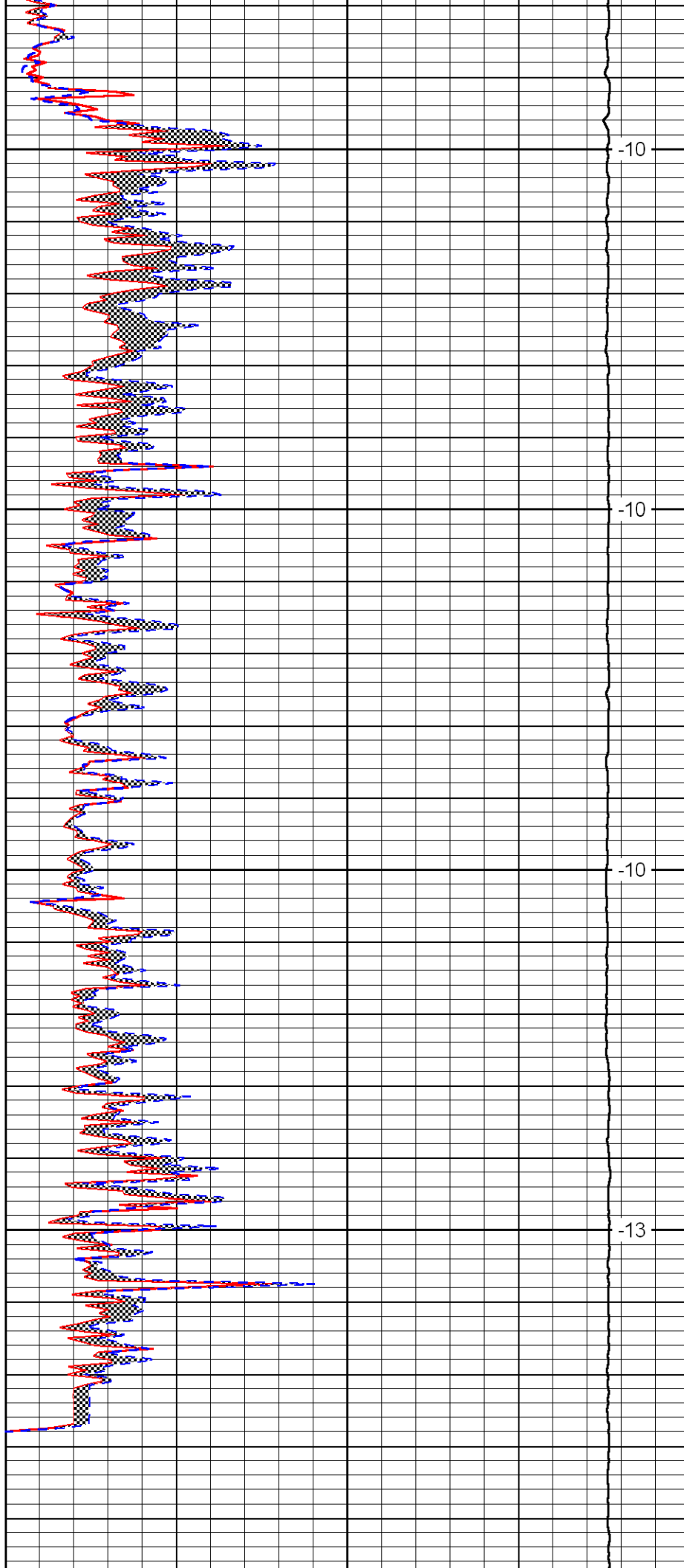


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