

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-095-22,241-00-00

Company Atlas Operating, LLC

Well Cypress No.1

Field Goetz

County Kingman State

Kansas

Location

330' FSL & 1420' FEL

Sec: 30 Twp: 29S Rge: 9W

Permanent Datum Ground Level Elevation 1618
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL
Elevation
K.B. 1628
D.F.
G.L. 1618

Date 2/2/2012

Run Number One

Depth Driller 4555

Depth Logger 4557

Bottom Logged Interval 4556

Top Log Interval 250

Casing Driller 8.625 @ 255

Casing Logger 254

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 6.500

Density / Viscosity 9.4 41

pH / Fluid Loss 11.5 9.6

Source of Sample Flowline

Rm @ Meas. Temp .44 @ 62

Rmf @ Meas. Temp .33 @ 62

Rmc @ Meas. Temp .59 @ 62

Source of Rmf / Rmc Charts

Rm @ BHT .22 @ 122

Operating Rig Time 4 Hours

Max Rec. Temp. F 122

Equipment Number 17

Location Hays

Recorded By C. Desaire

Witnessed By Pat Deenihan

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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

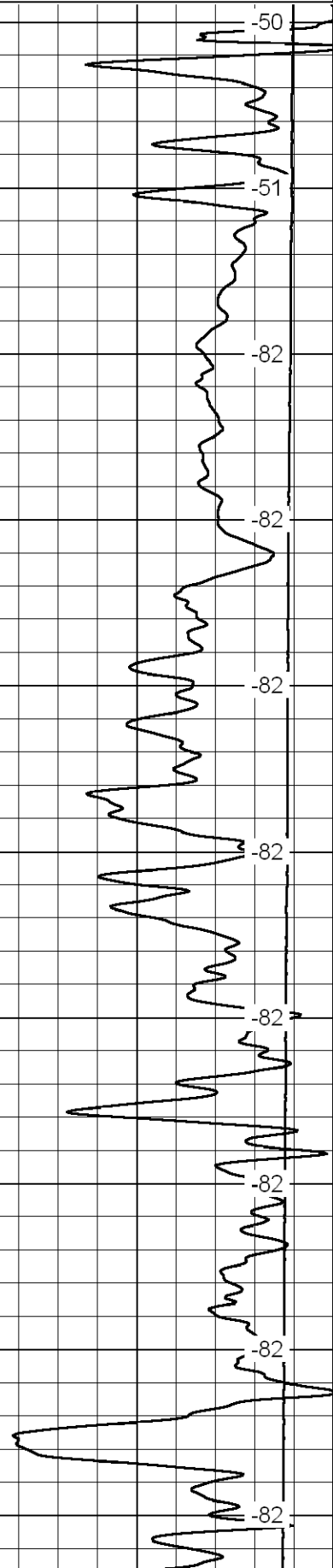
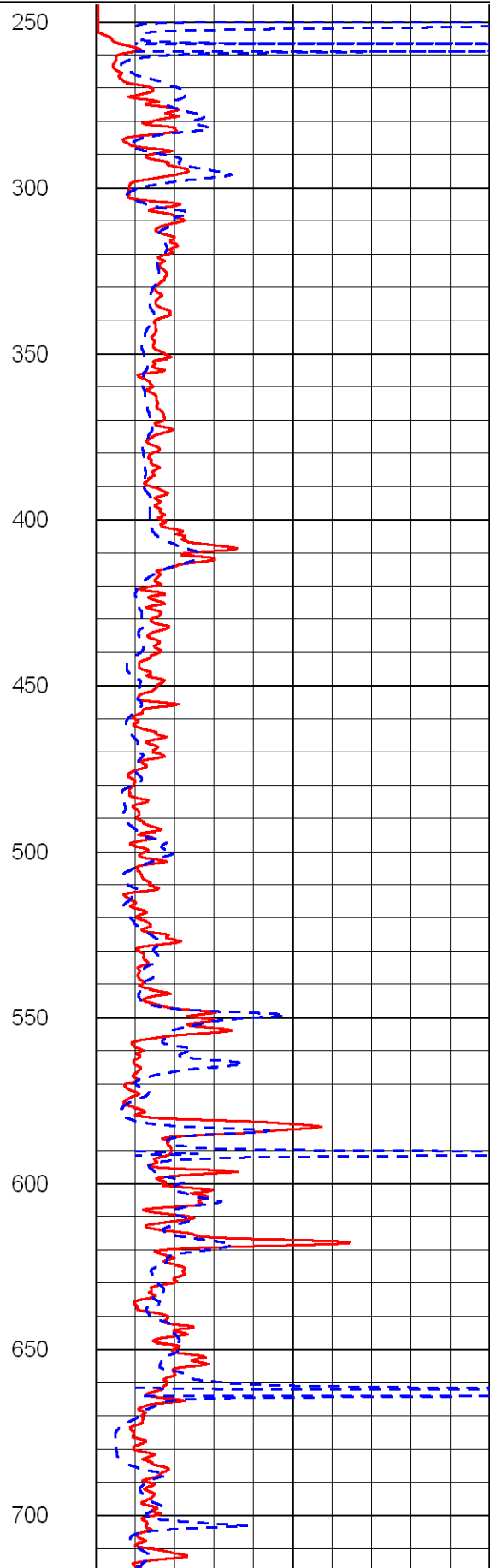
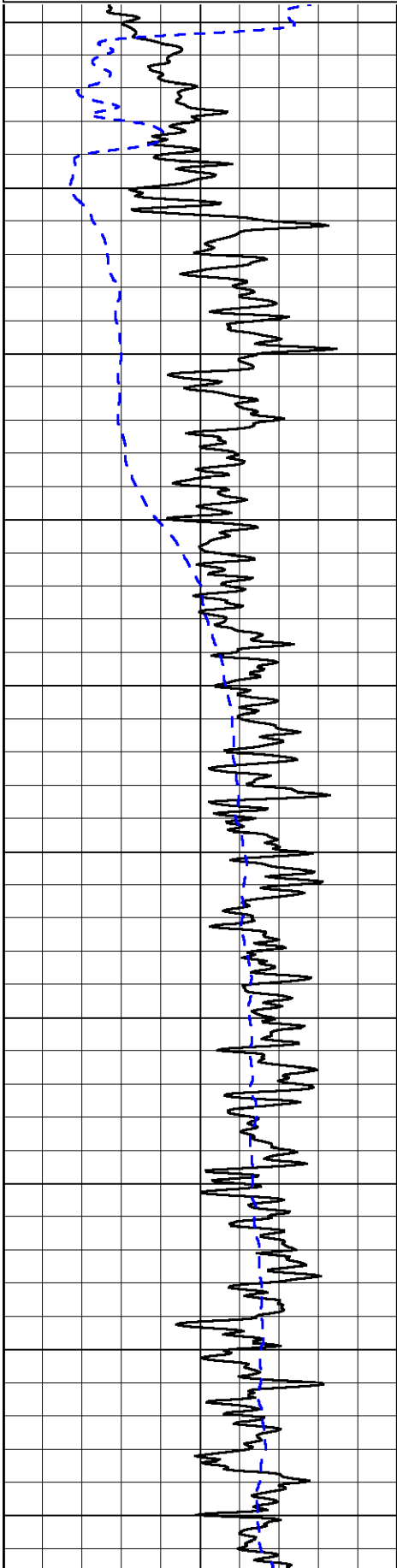
Thank you for using Log-Tech, Inc.
(785) 625-3858

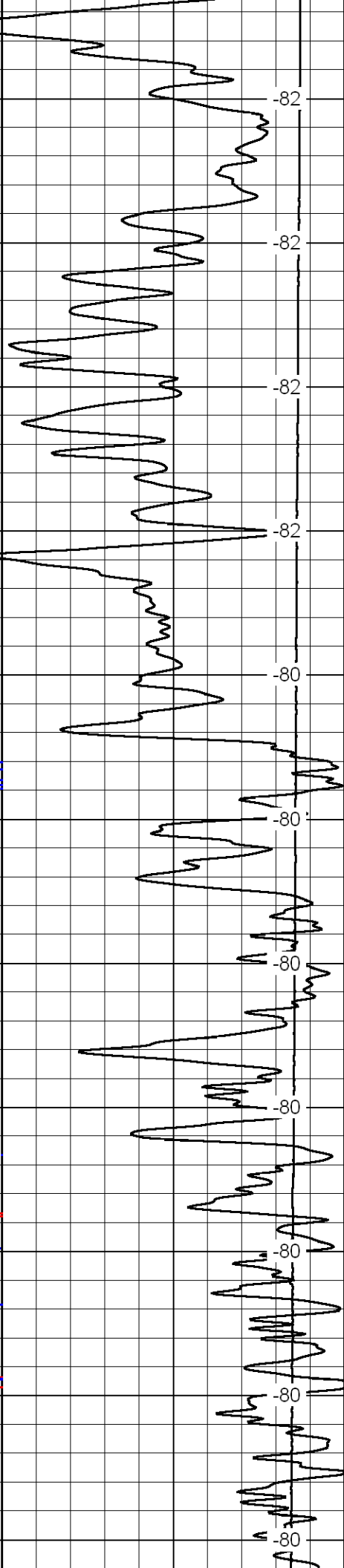
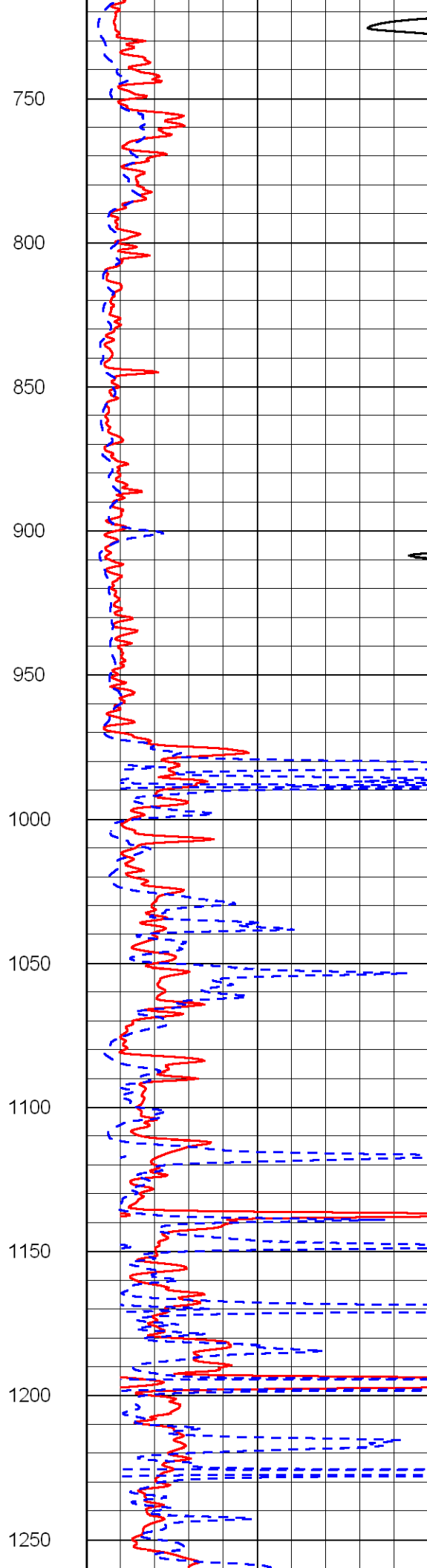
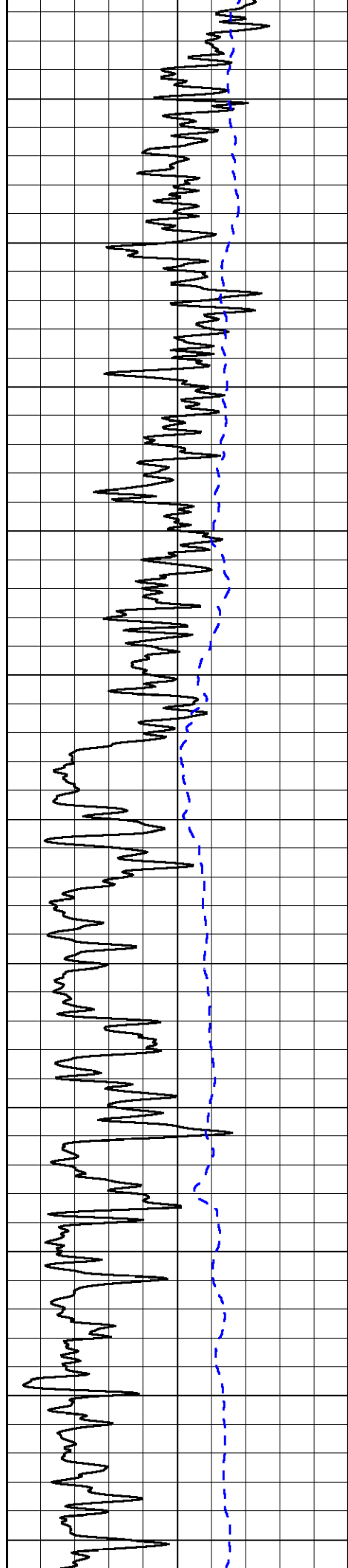
Hwy 54 and Zenda Blktp,
11 S, 3 1/4 W, N Into

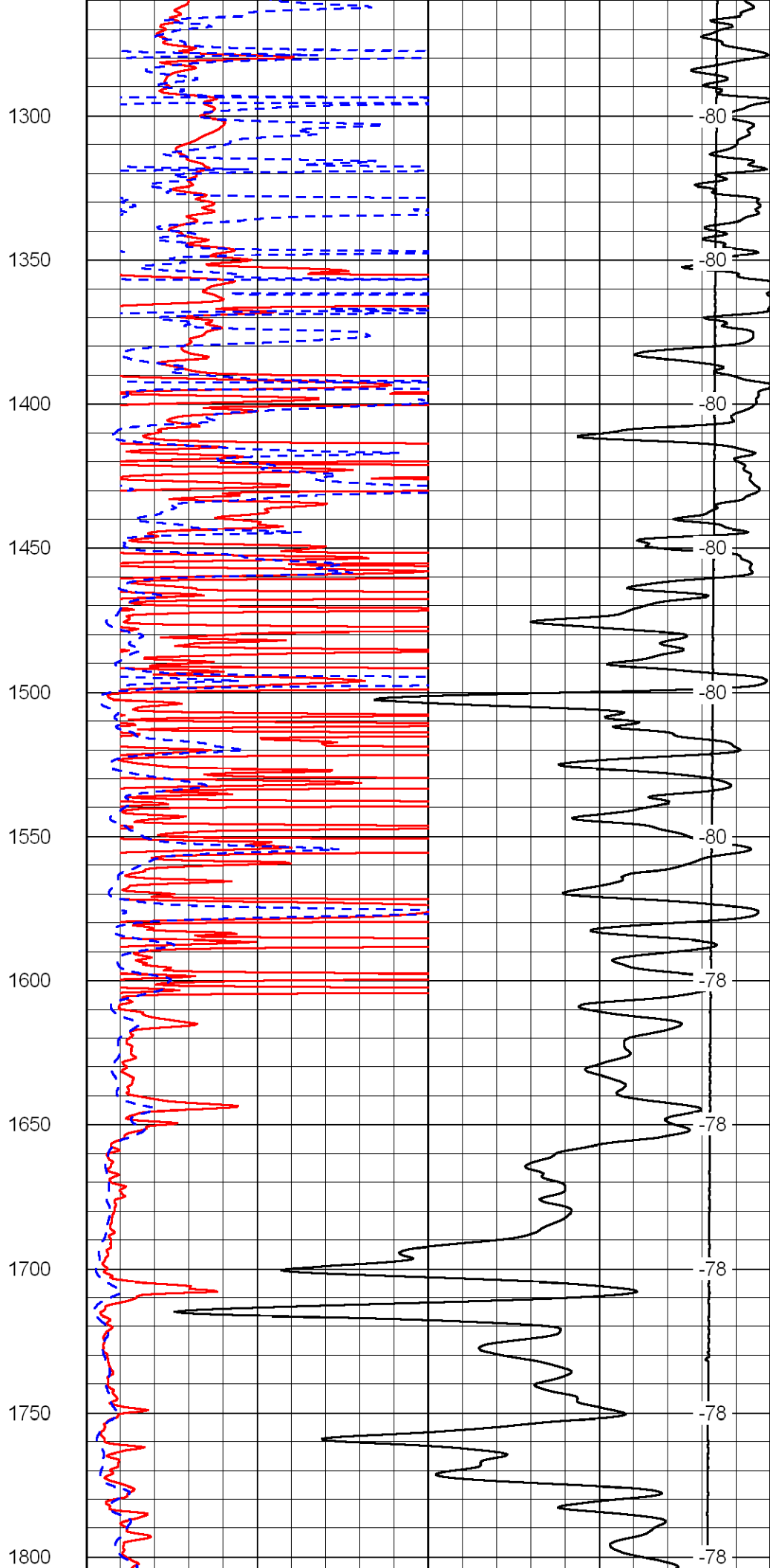
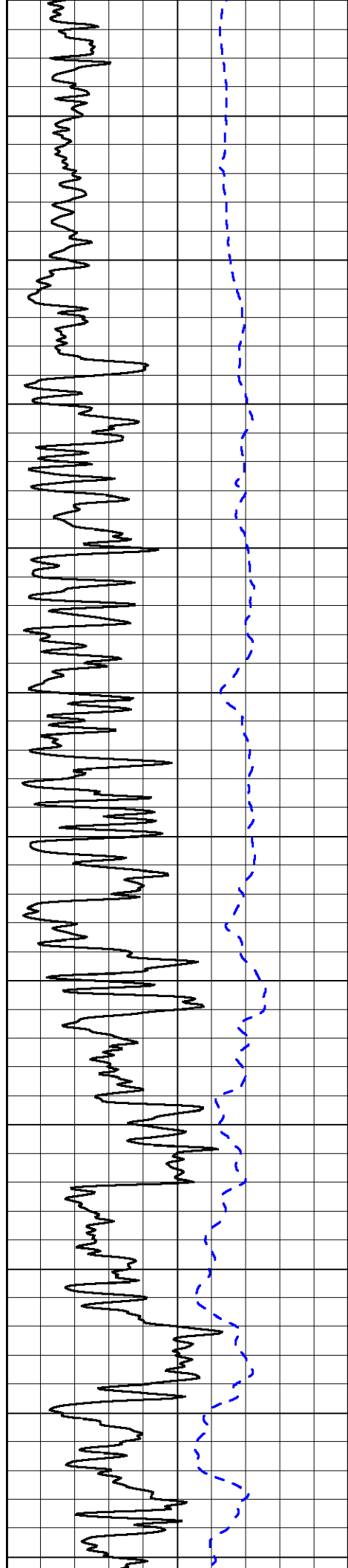
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Charted by: Depth in Feet scaled 1:600

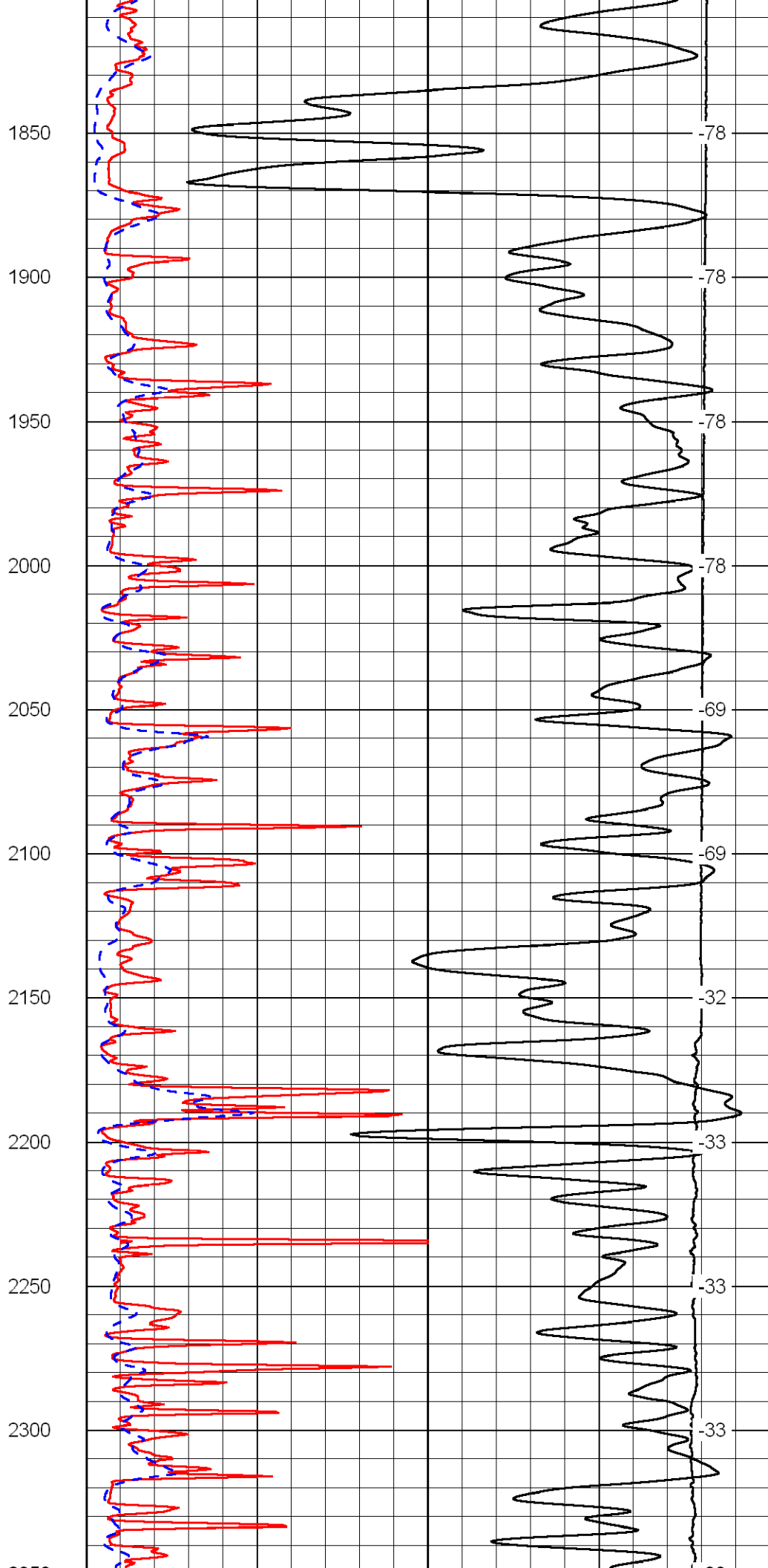
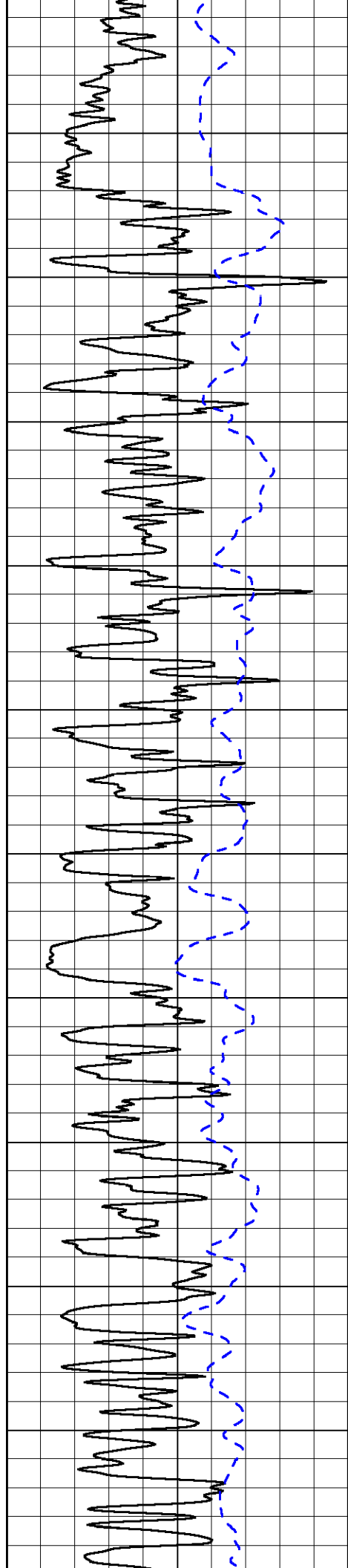
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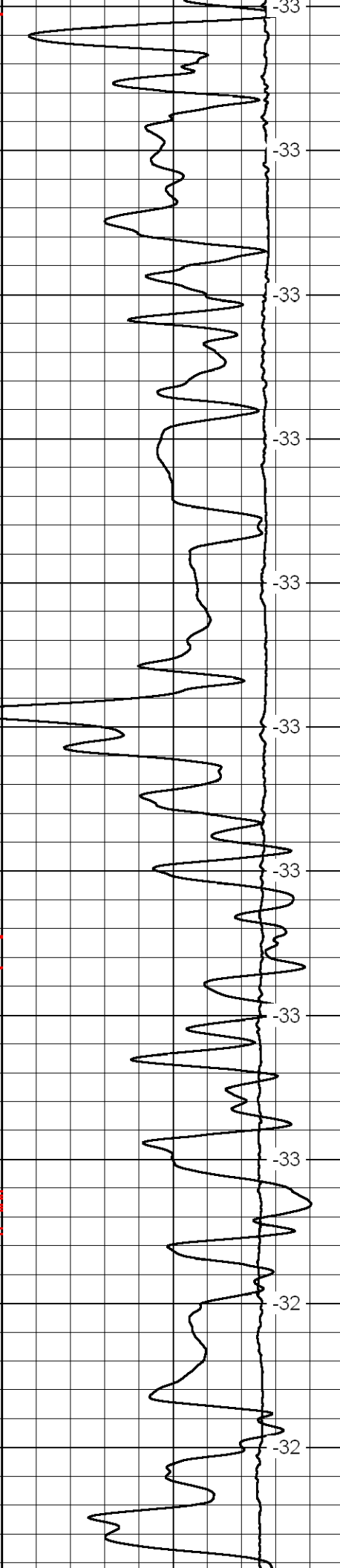
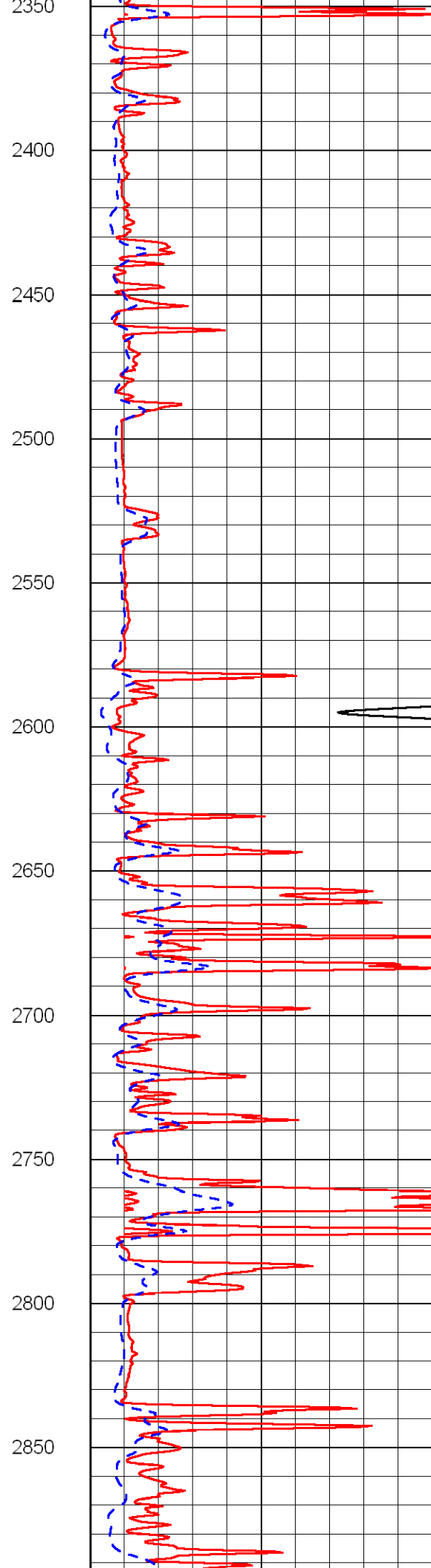
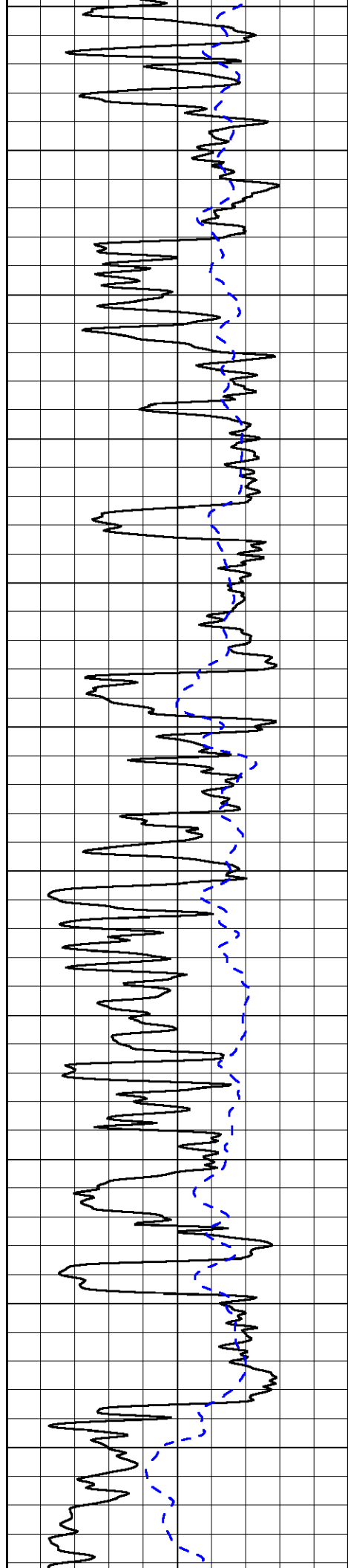
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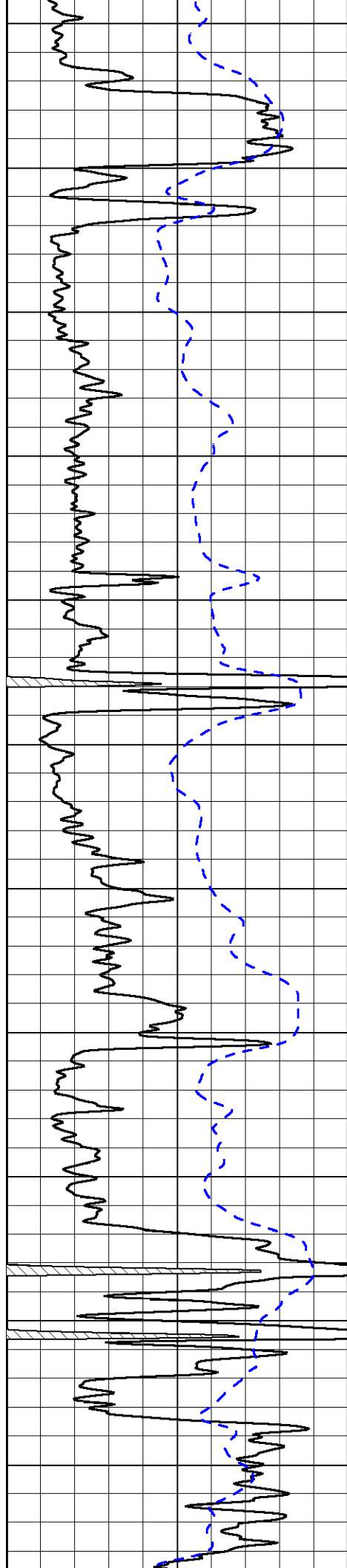




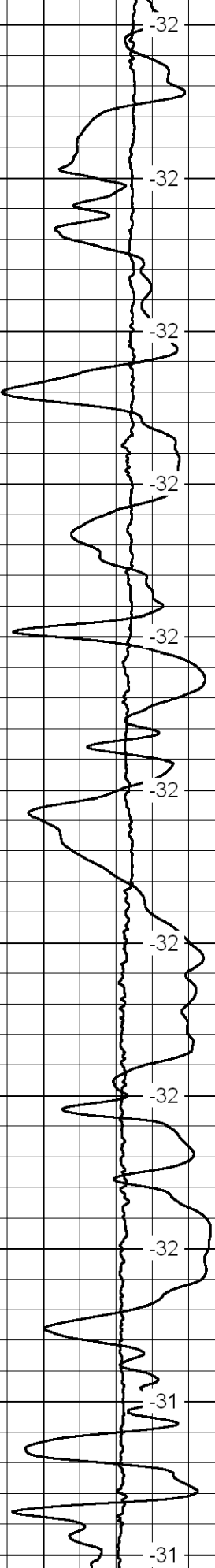
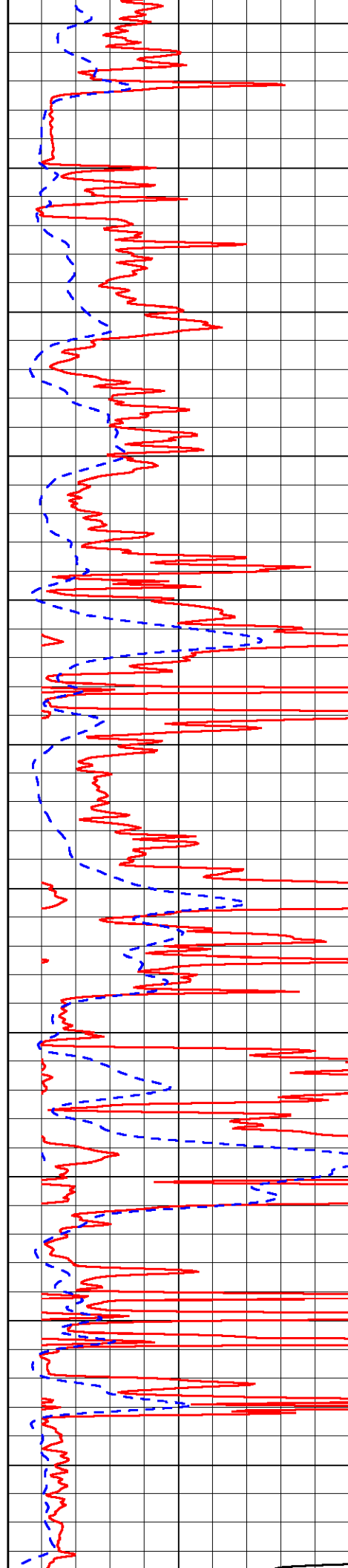


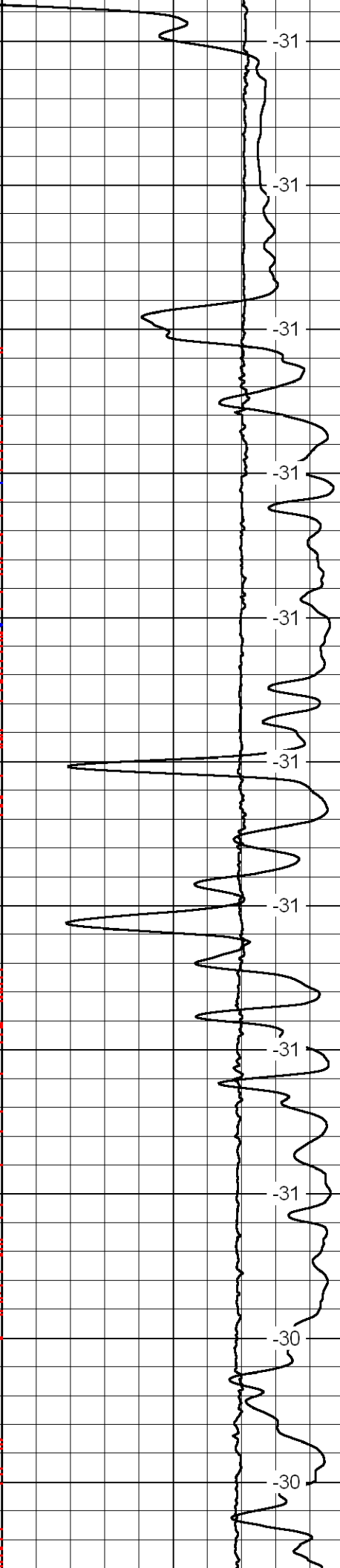
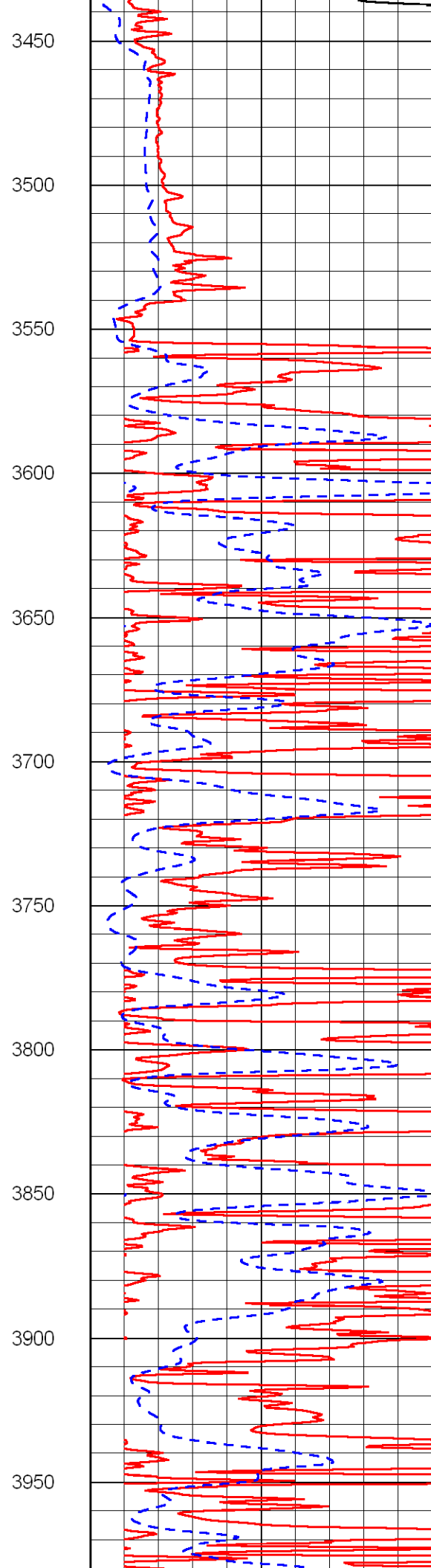
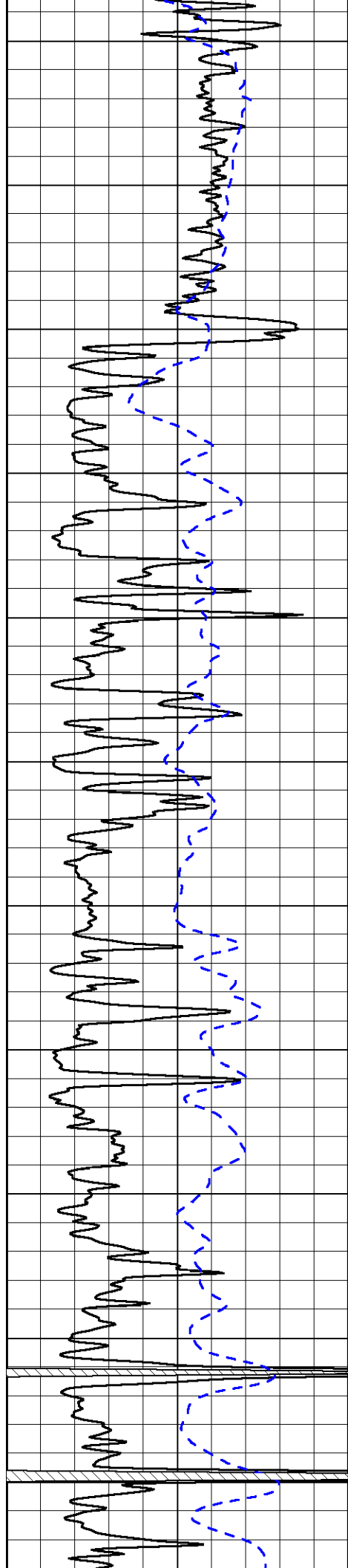


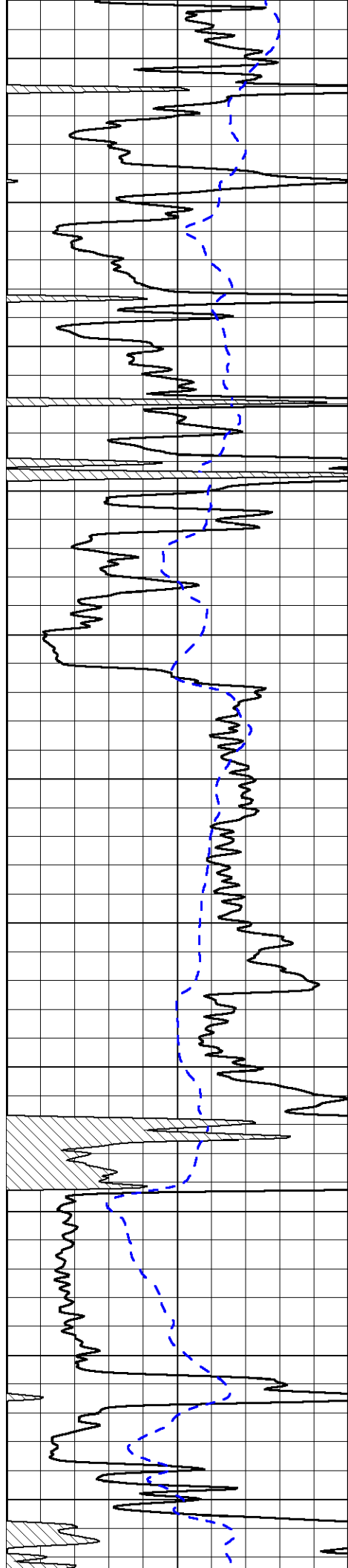




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2950
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3100
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3200
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3400







4000

4050

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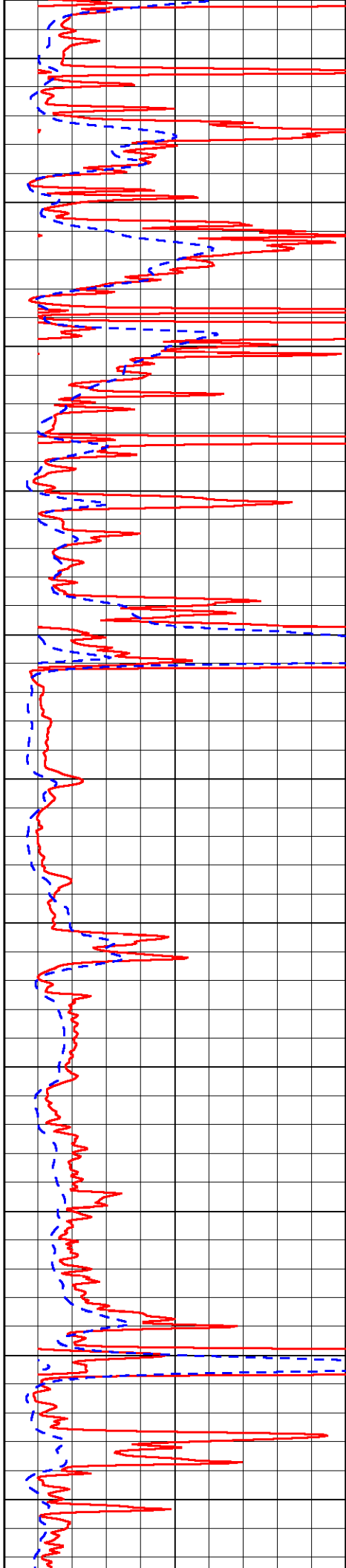
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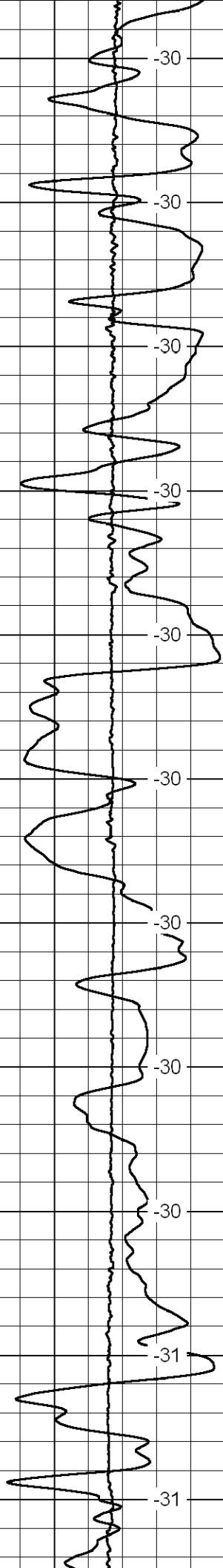
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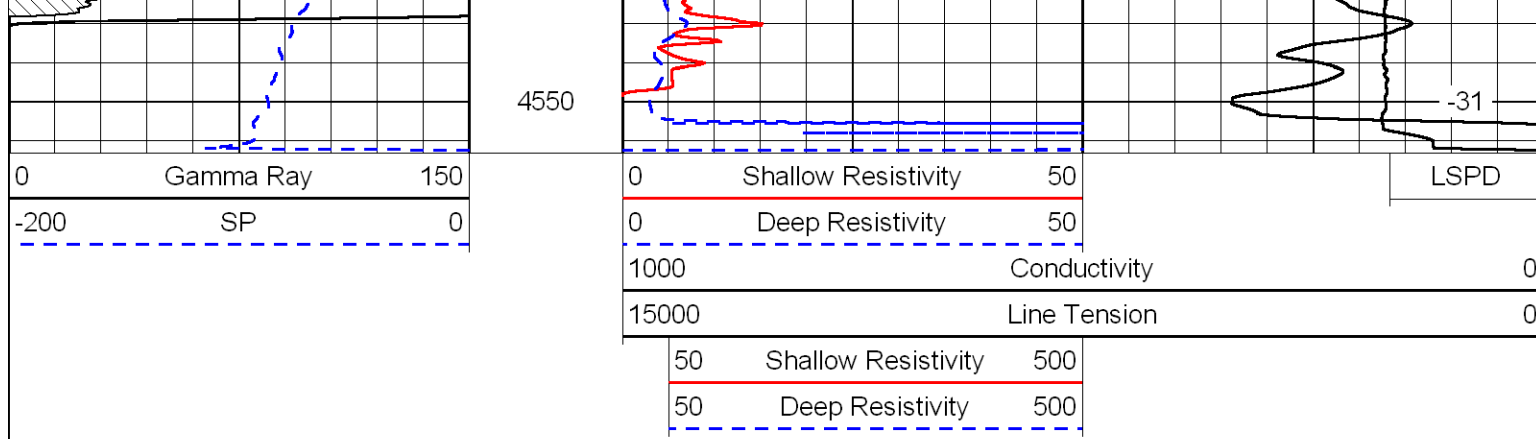
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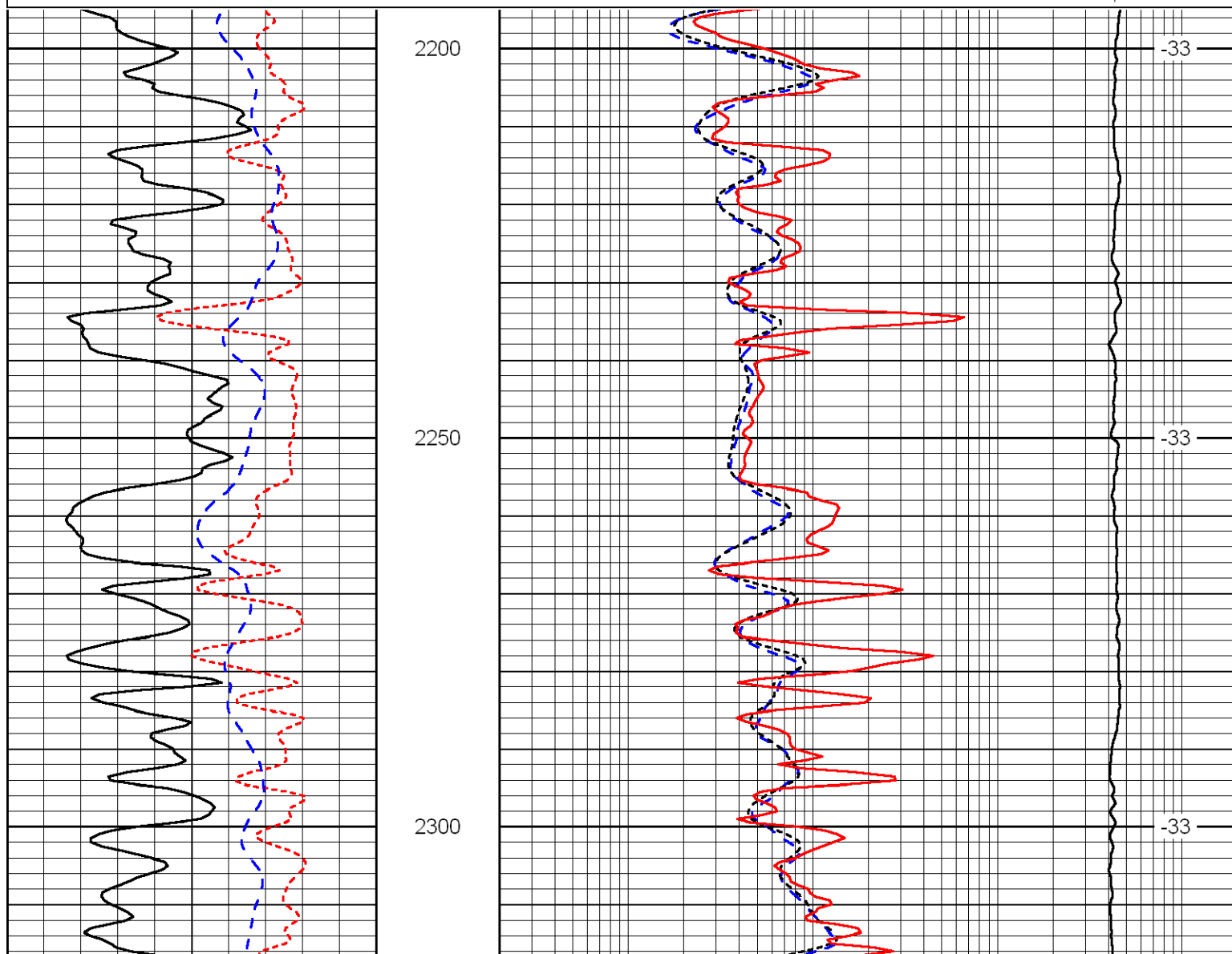
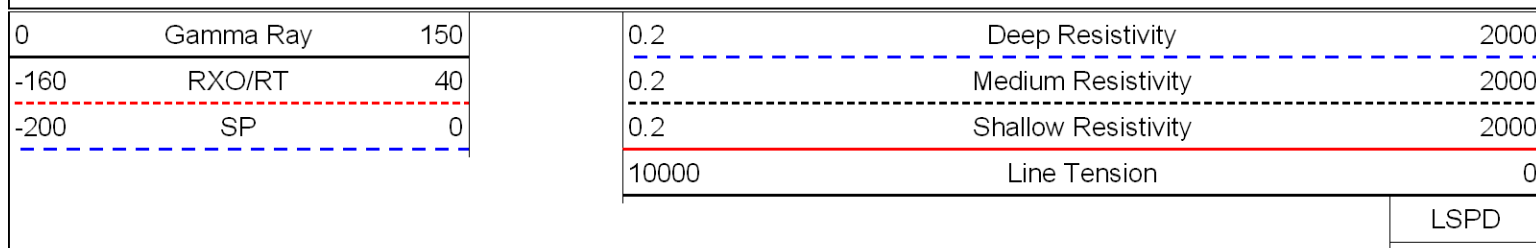
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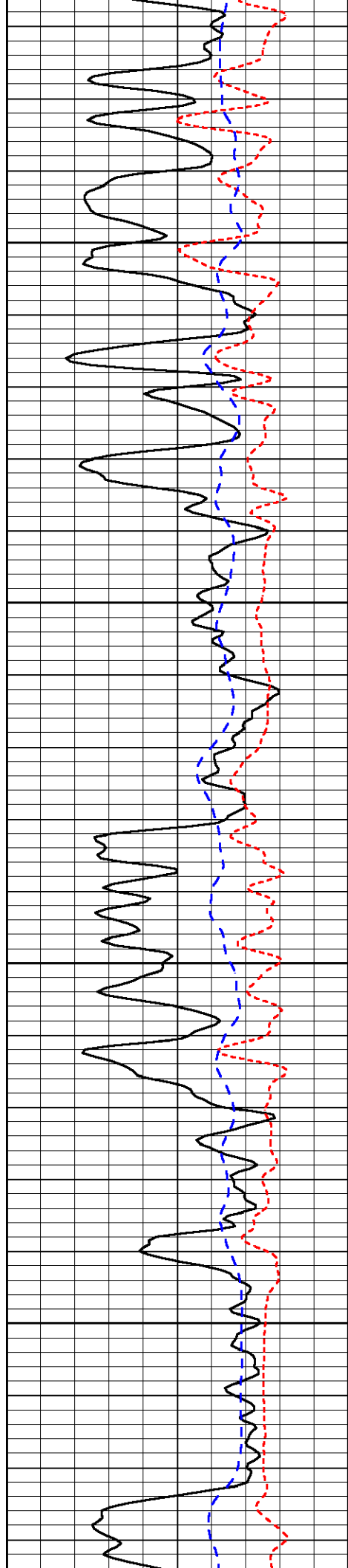
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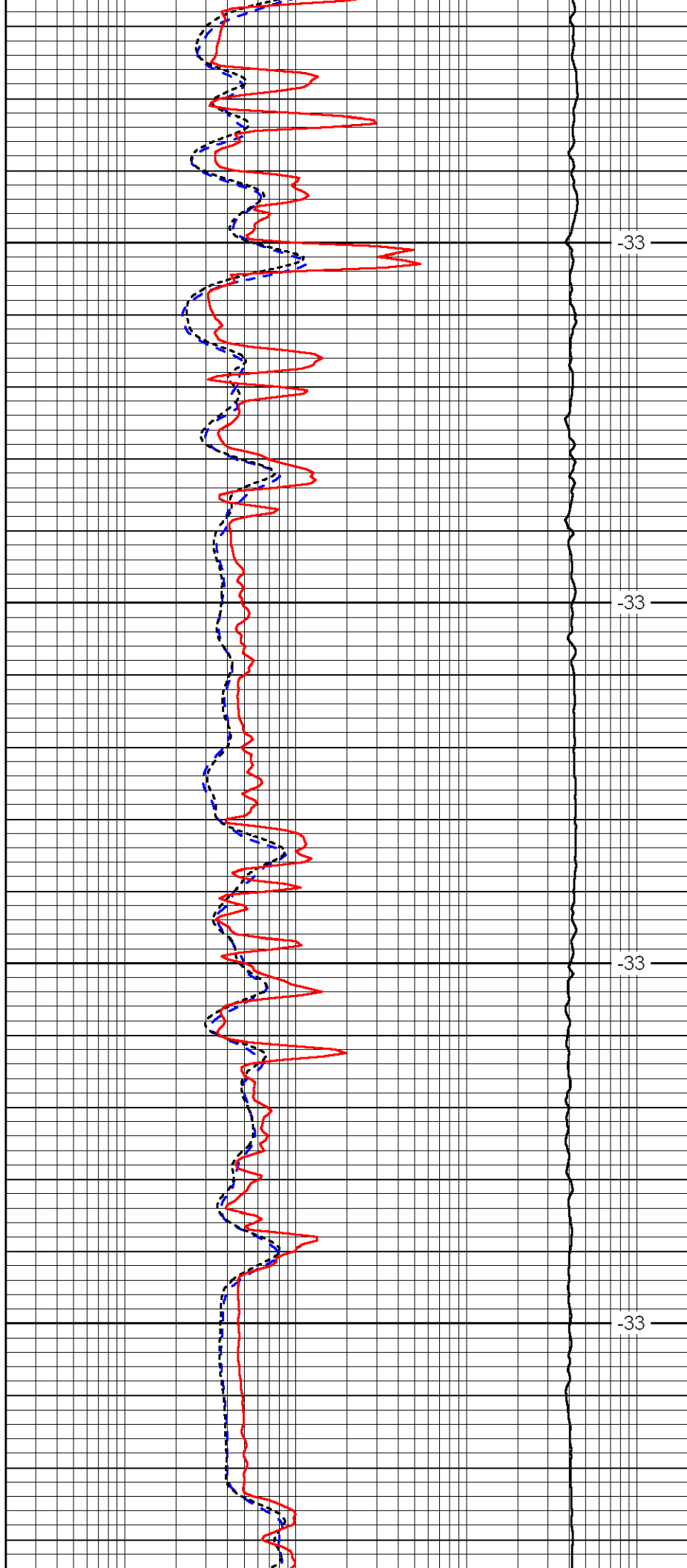


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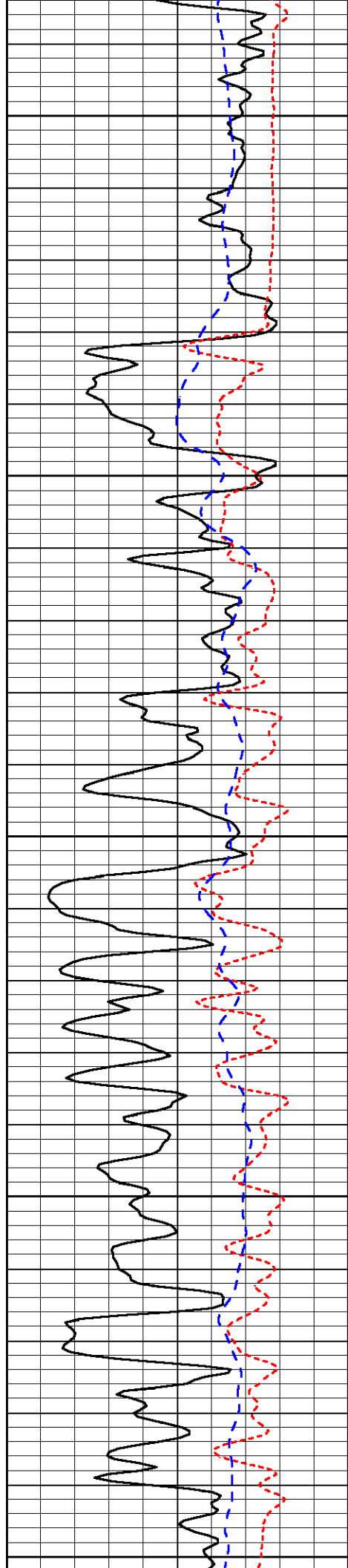


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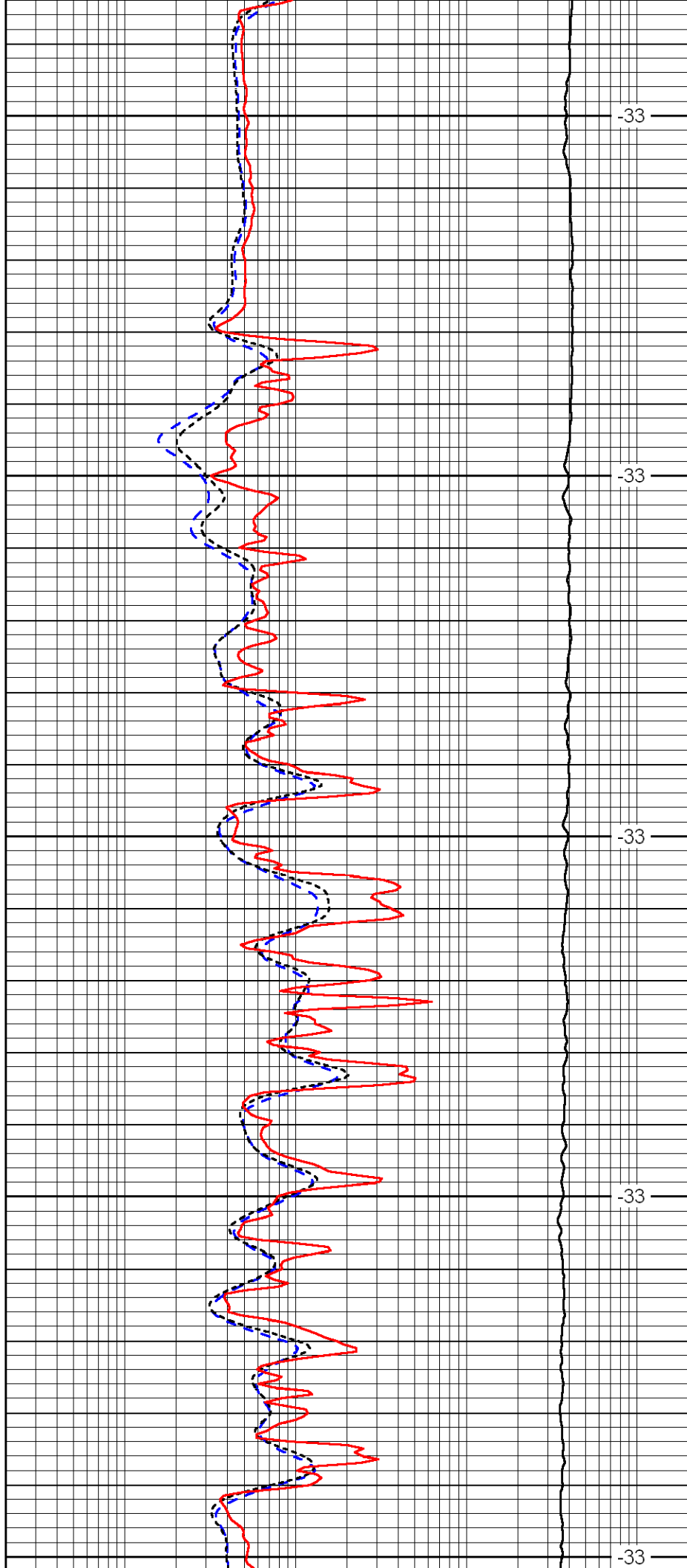
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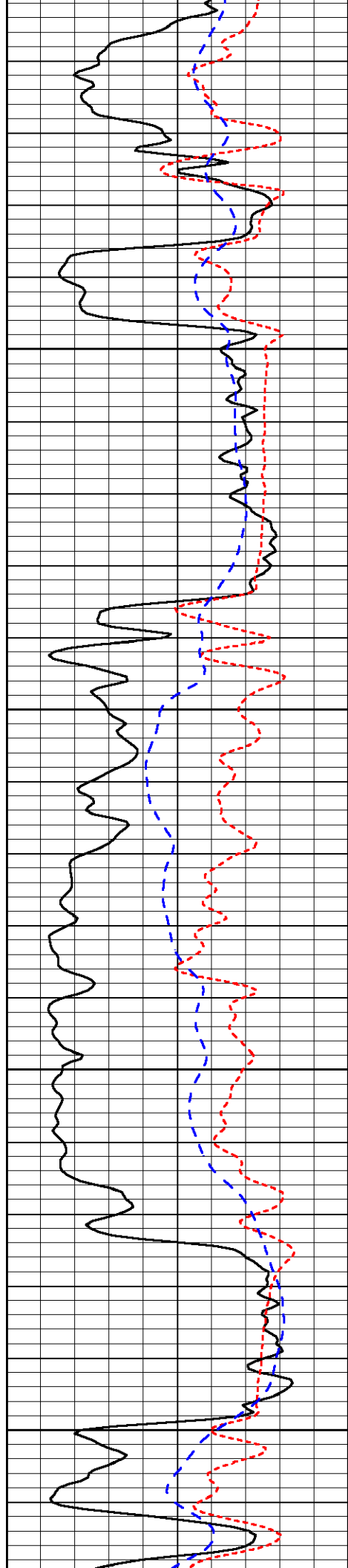
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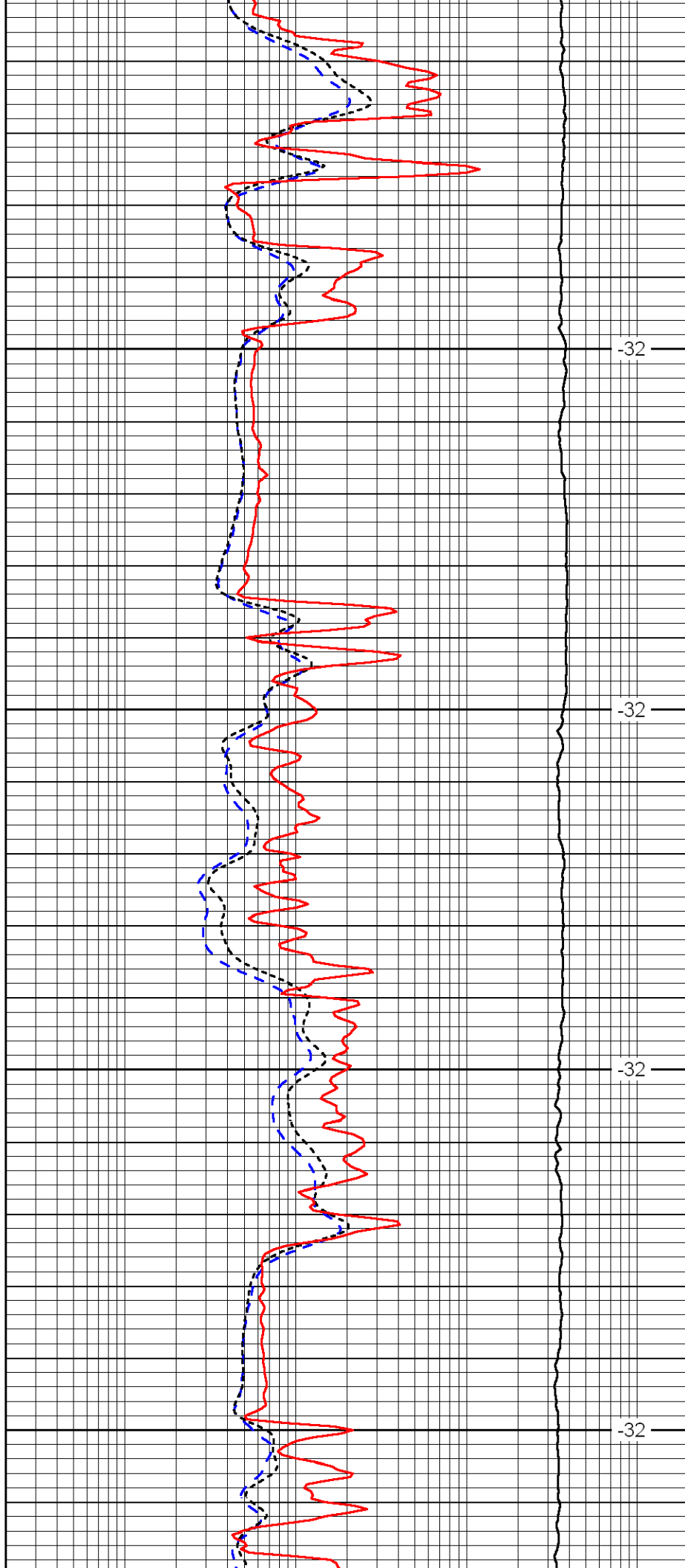


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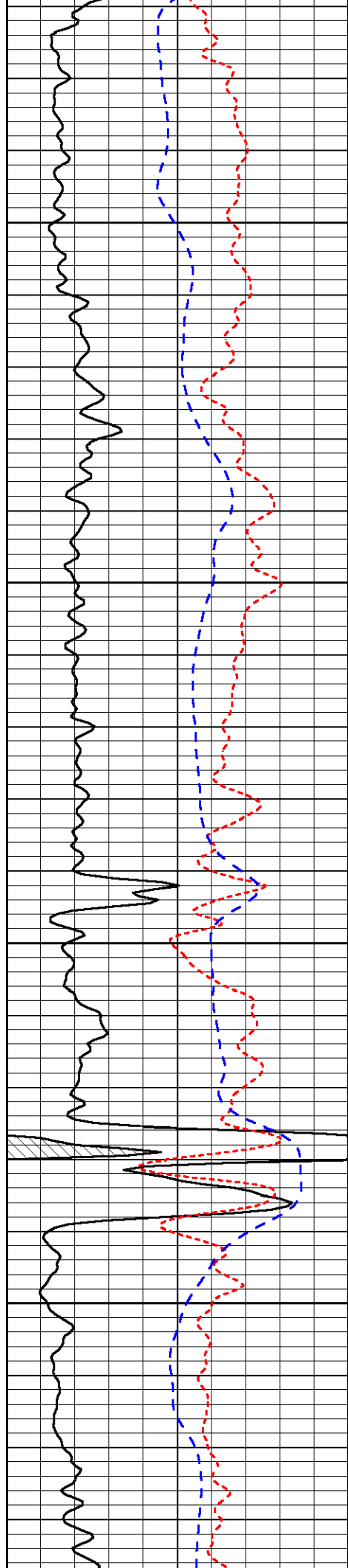


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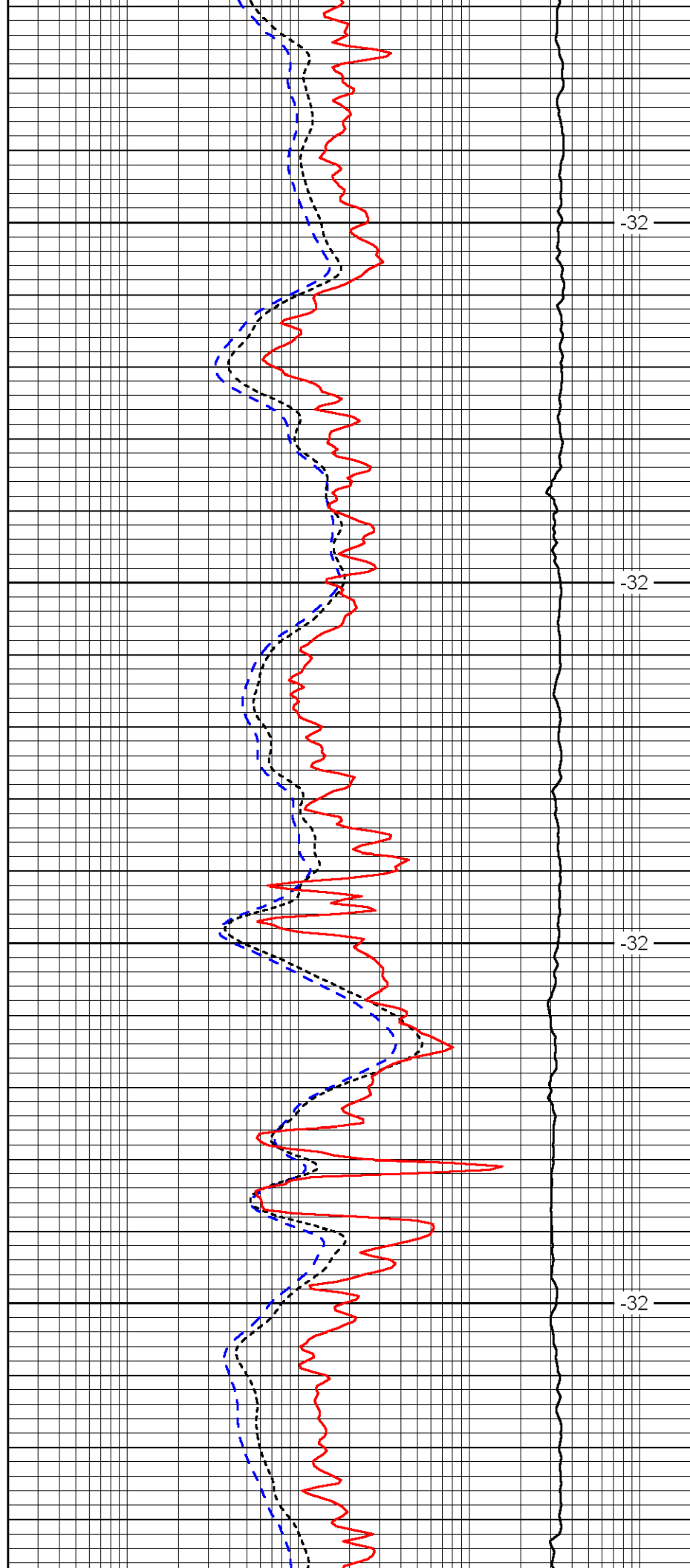


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3100

3150

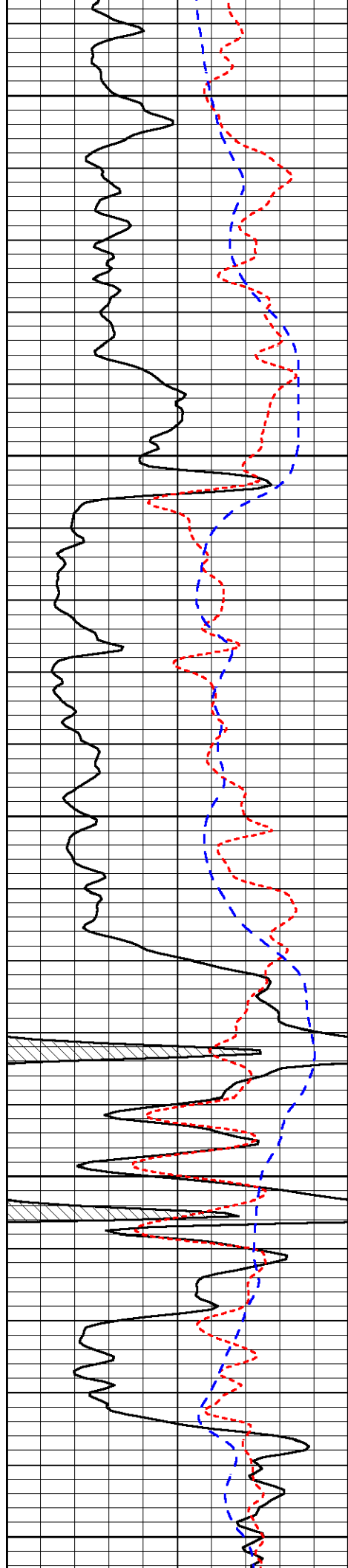


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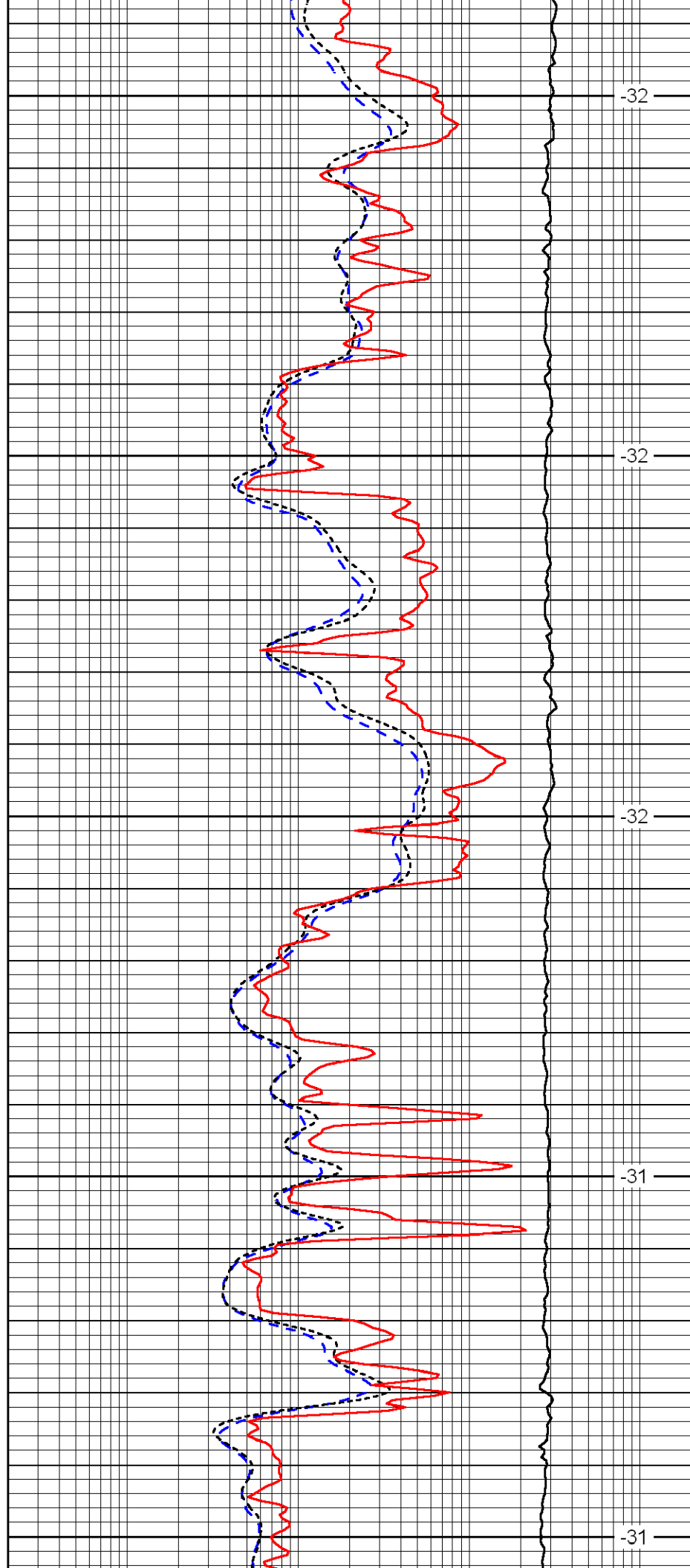
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3300

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3400



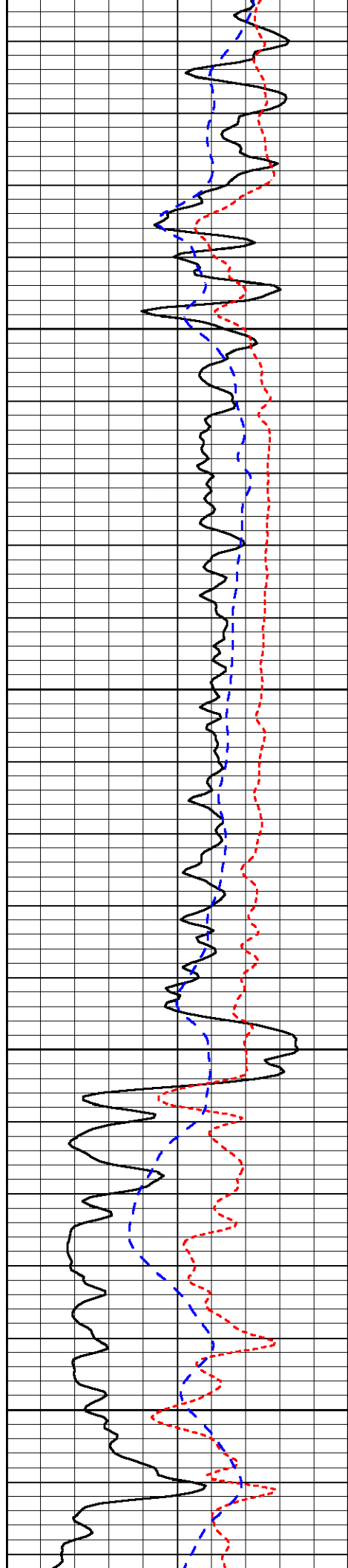
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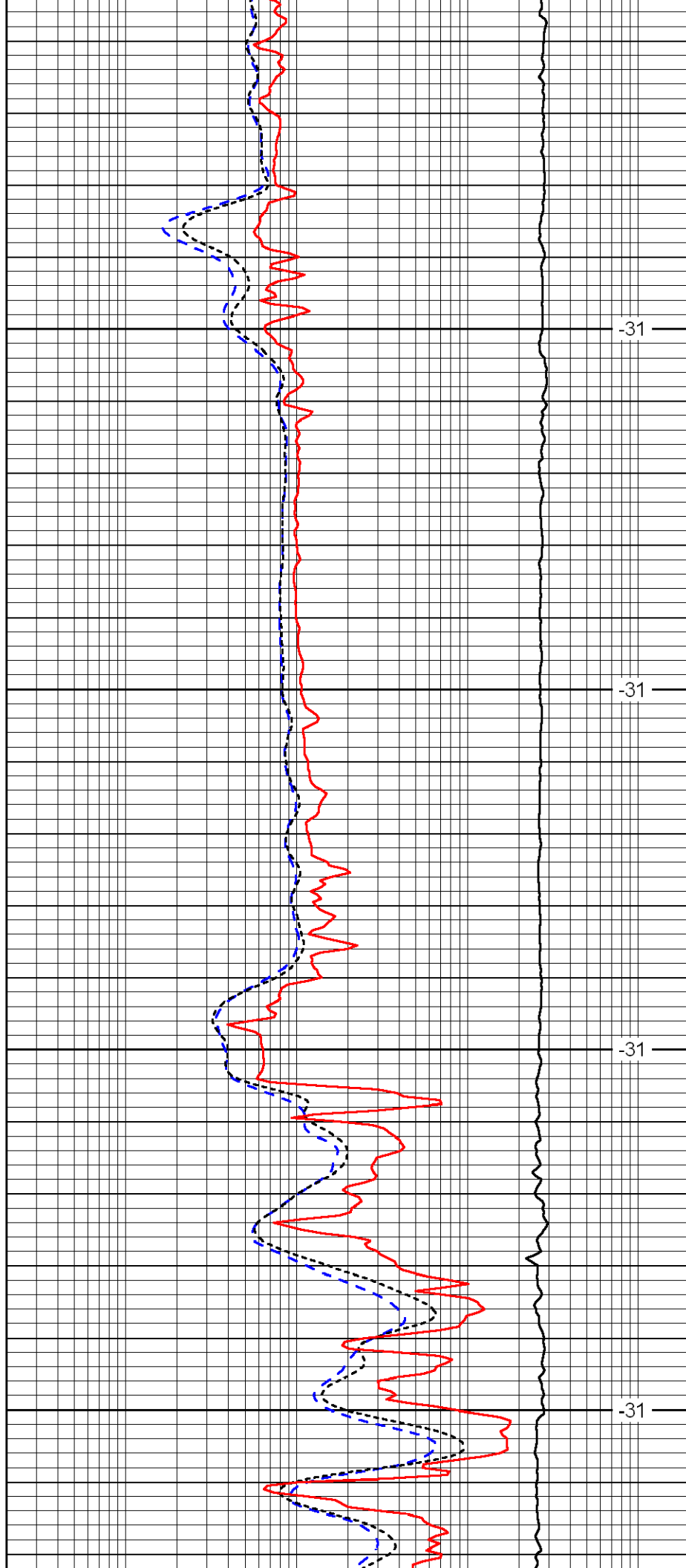


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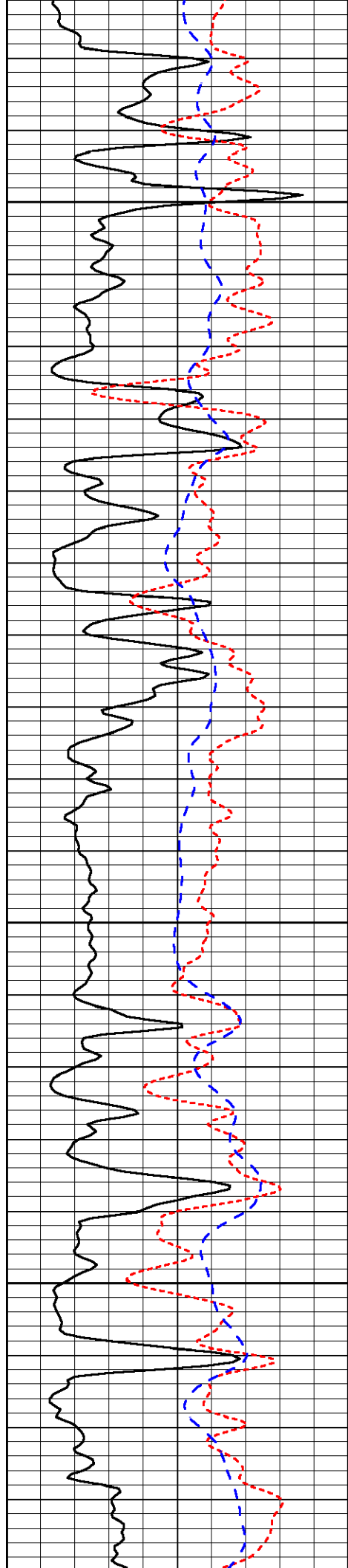


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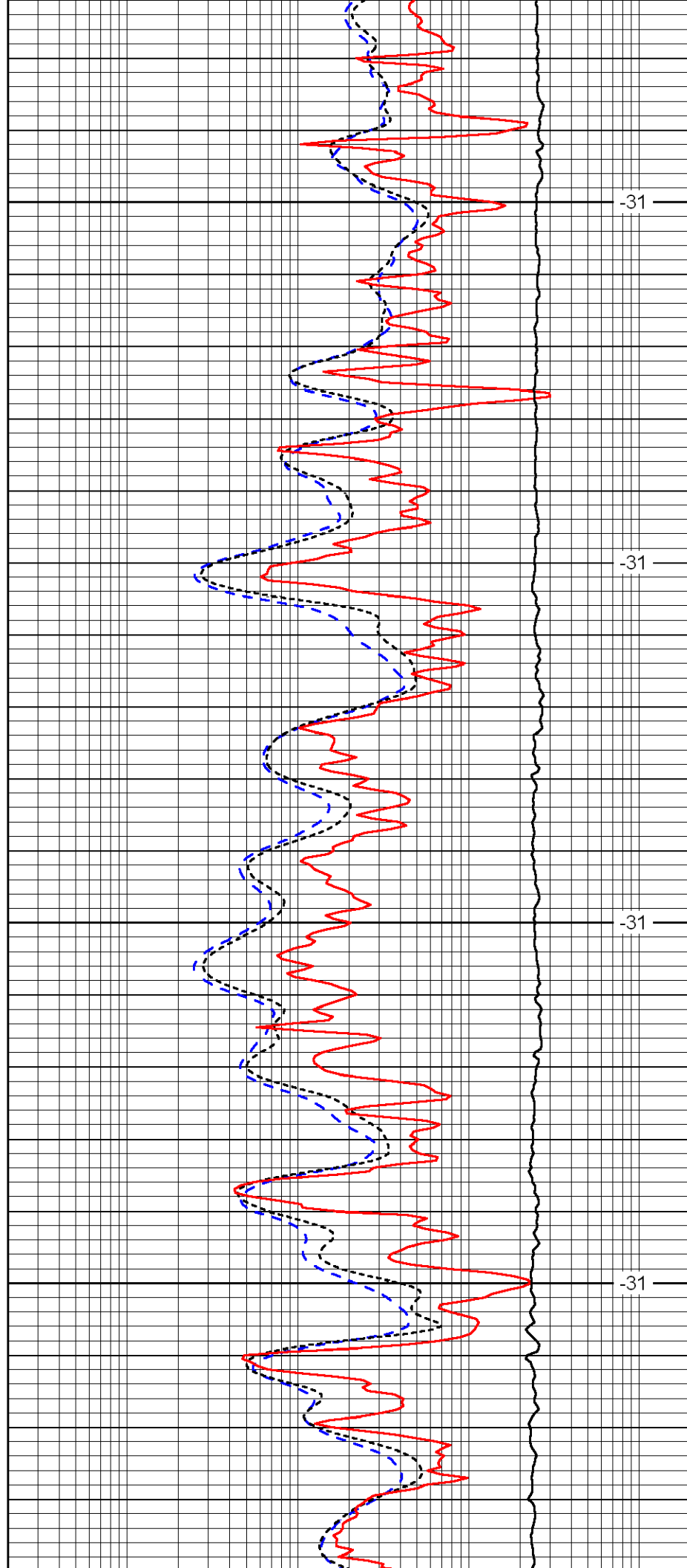


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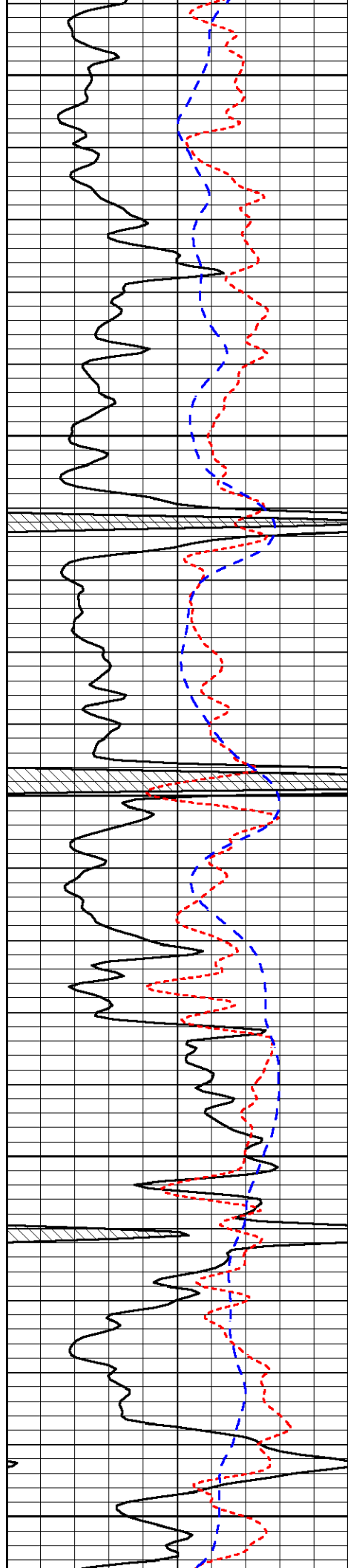


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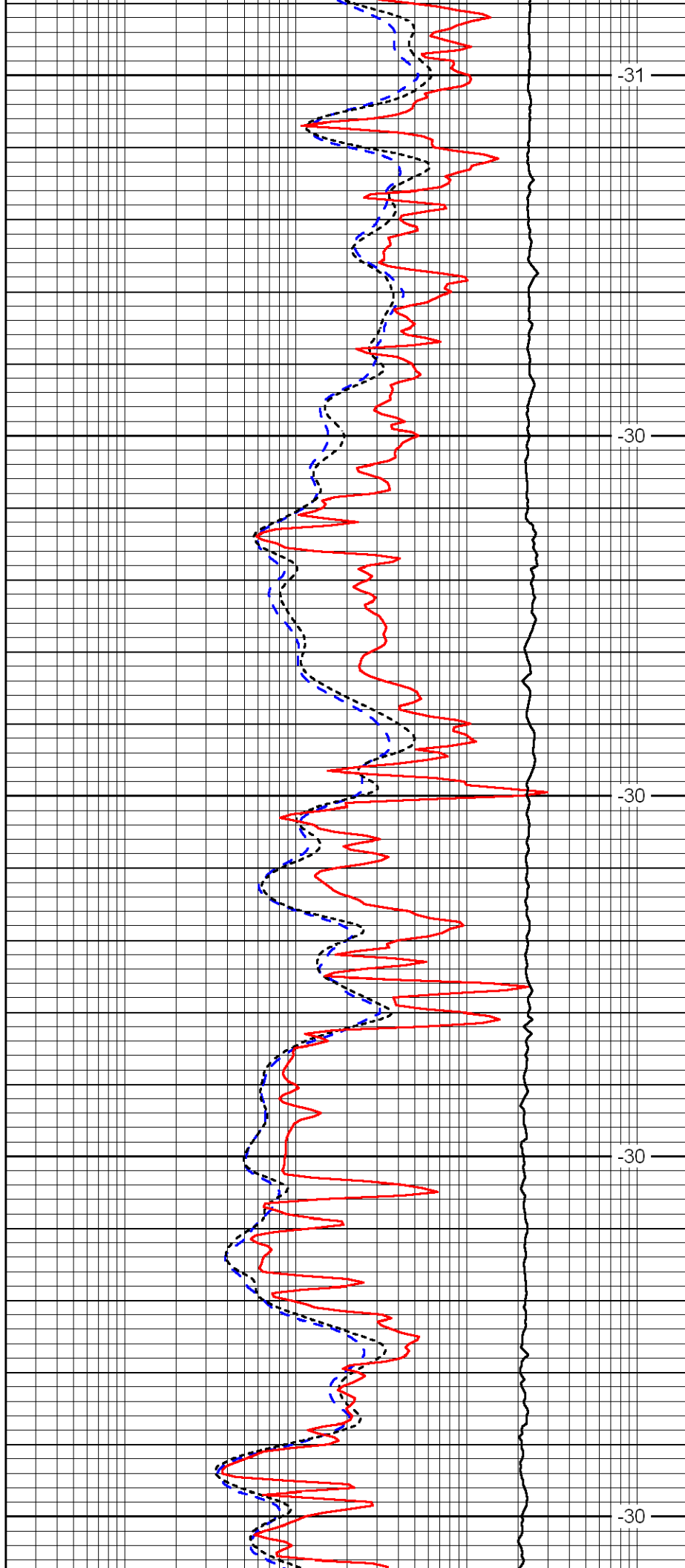
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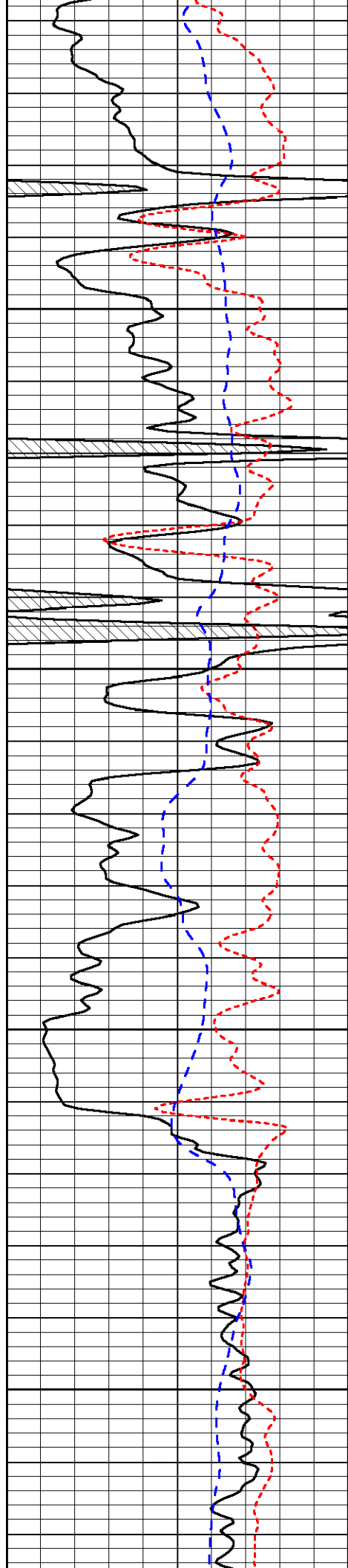
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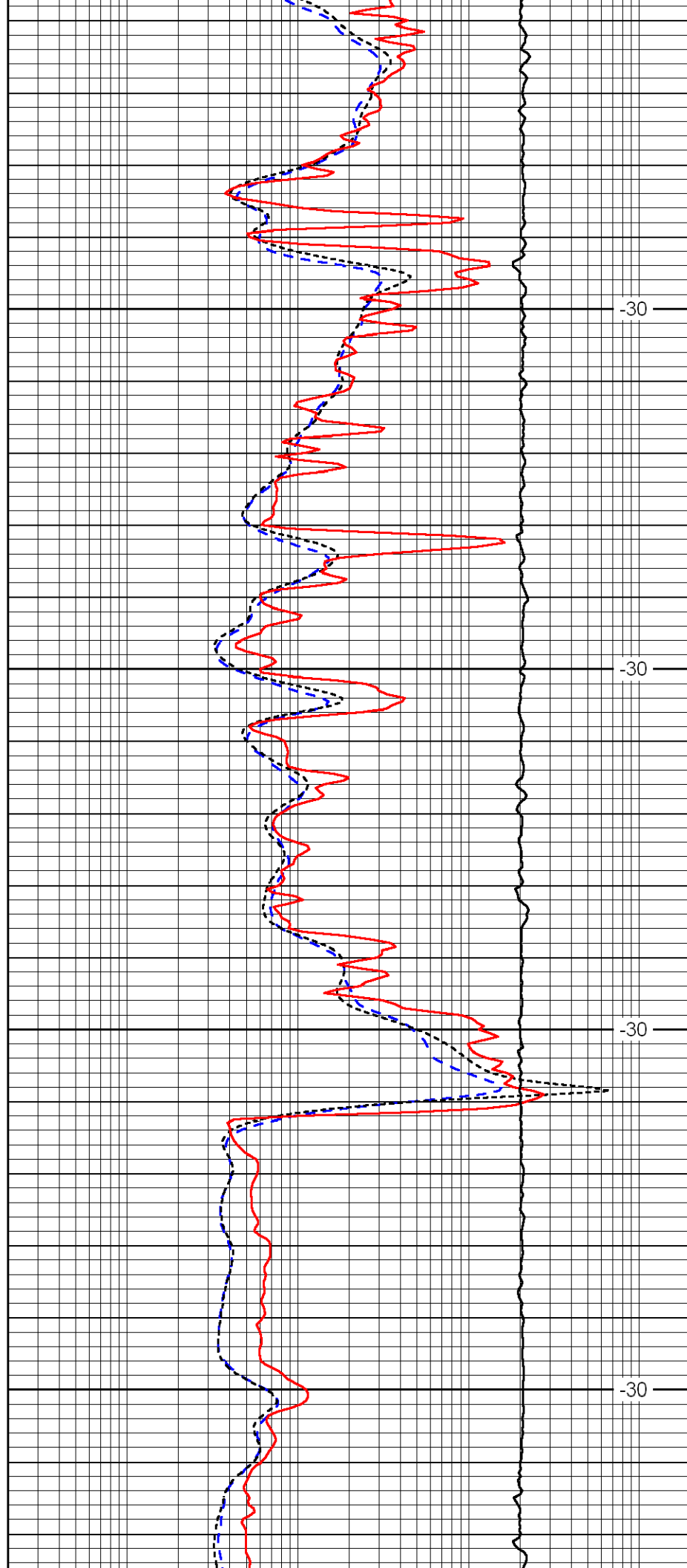


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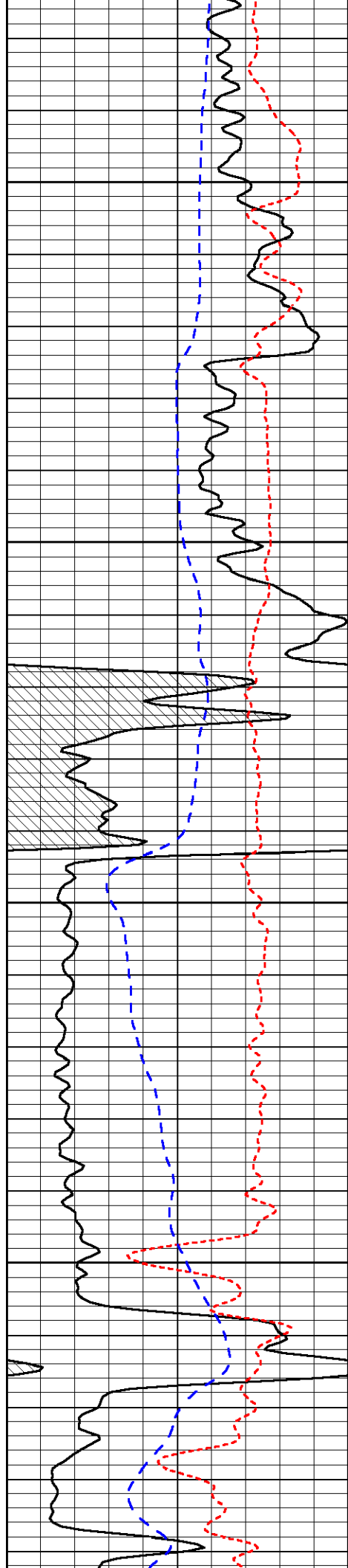


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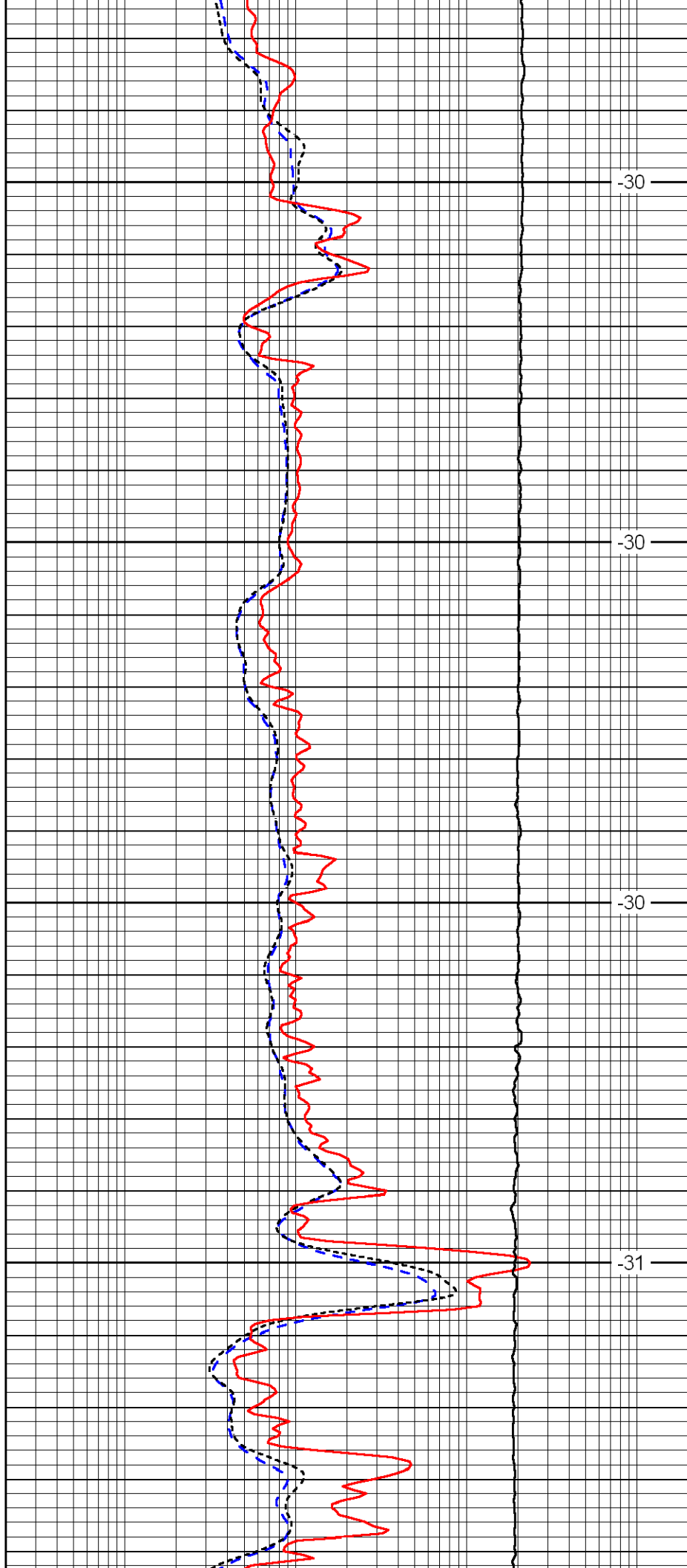


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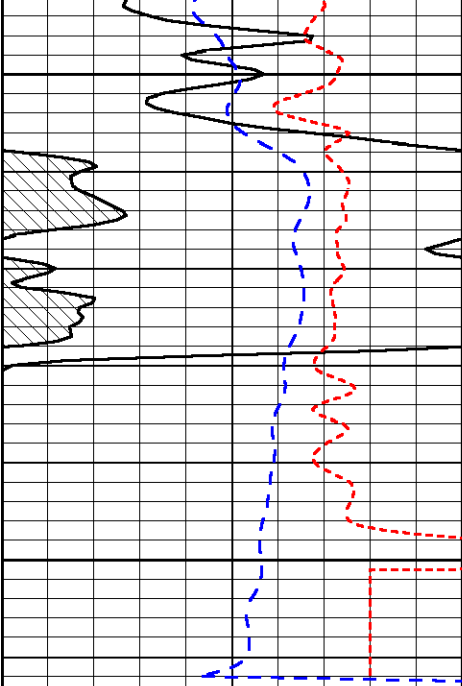


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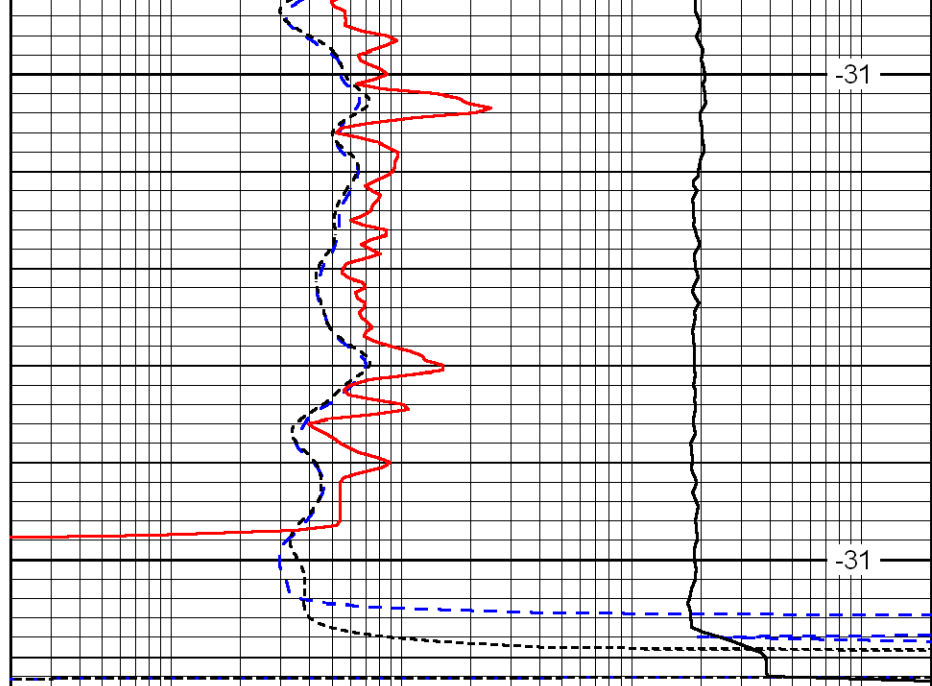
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0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

4500

4550



-31

-31

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

LSPD