



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-185-23,560-00-00

Company Rama Operating Co., Inc.

Well Goodman No. 4 - 30

Field McCandless Pool

County Stafford State Kansas

Location 1080' FNL & 2250' FWL

Sec: 30 Twp: 25S Rge: 13W

Other Services
CNL/CDL
DIL

Elevation

K.B. 1970
D.F.
G.L. 1957

Permanent Datum Ground Level Elevation 1957
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 12/02/2008

Run Number Two

Depth Driller 4385

Depth Logger 4386

Bottom Logged Interval 4385

Top Log Interval 1900

Casing Driller 8.625 @ 271

Casing Logger 268

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 11,000

Density / Viscosity 9.0 110

pH / Fluid Loss 11.0 13.2

Source of Sample Flowline

Rm @ Meas. Temp 1.1 @ 65

Rmf @ Meas. Temp .82 @ 65

Rmc @ Meas. Temp 1.48 @ 65

Source of Rmf / Rmc Charts

Rm @ BHT .59 @ 122

Operating Rig Time 4 Hours

Max Rec. Temp. F 122

Equipment Number 10

Location Hays

Recorded By Jason Wellbrock

Witnessed By Josh Austin

<<< Fold Here >>>

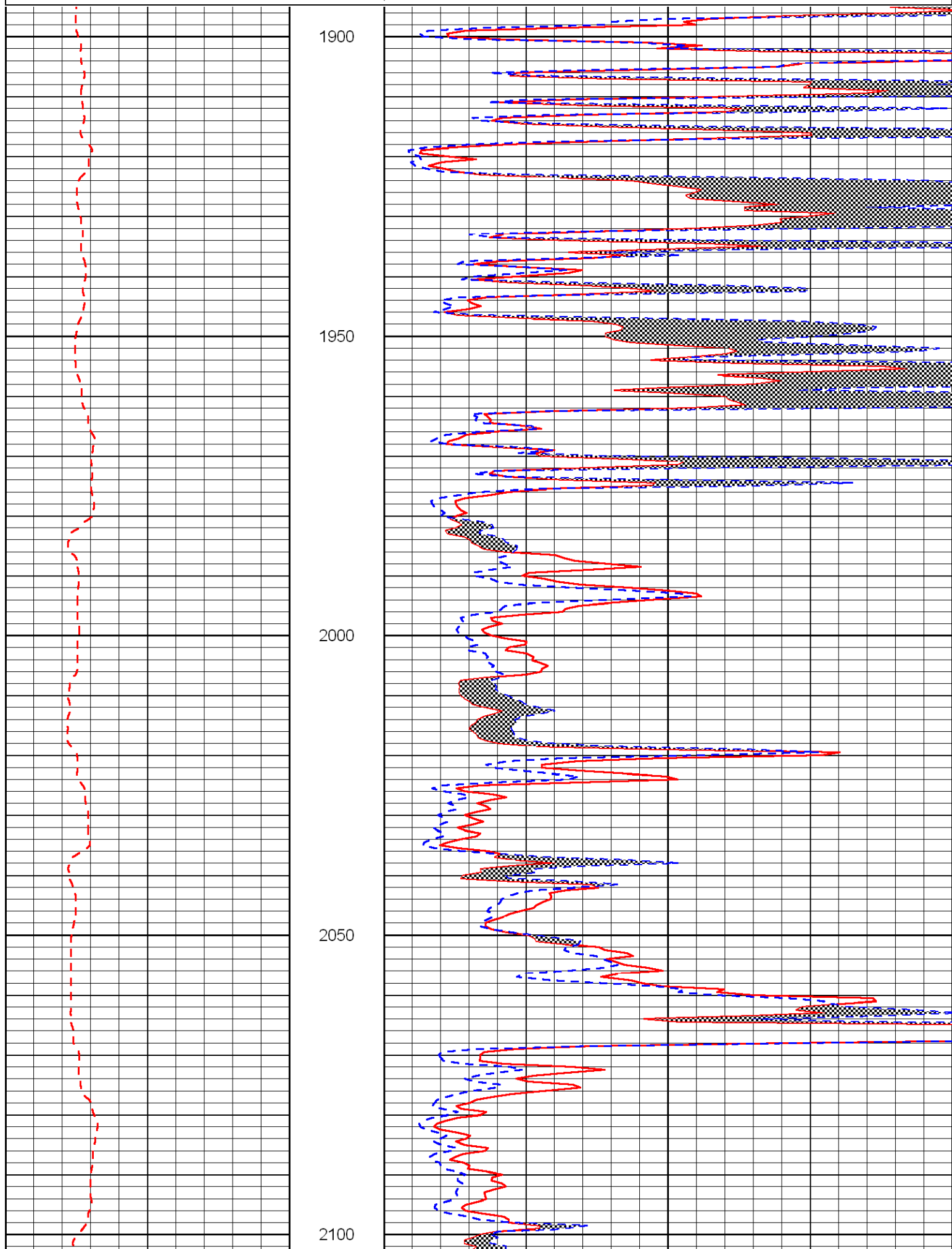
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

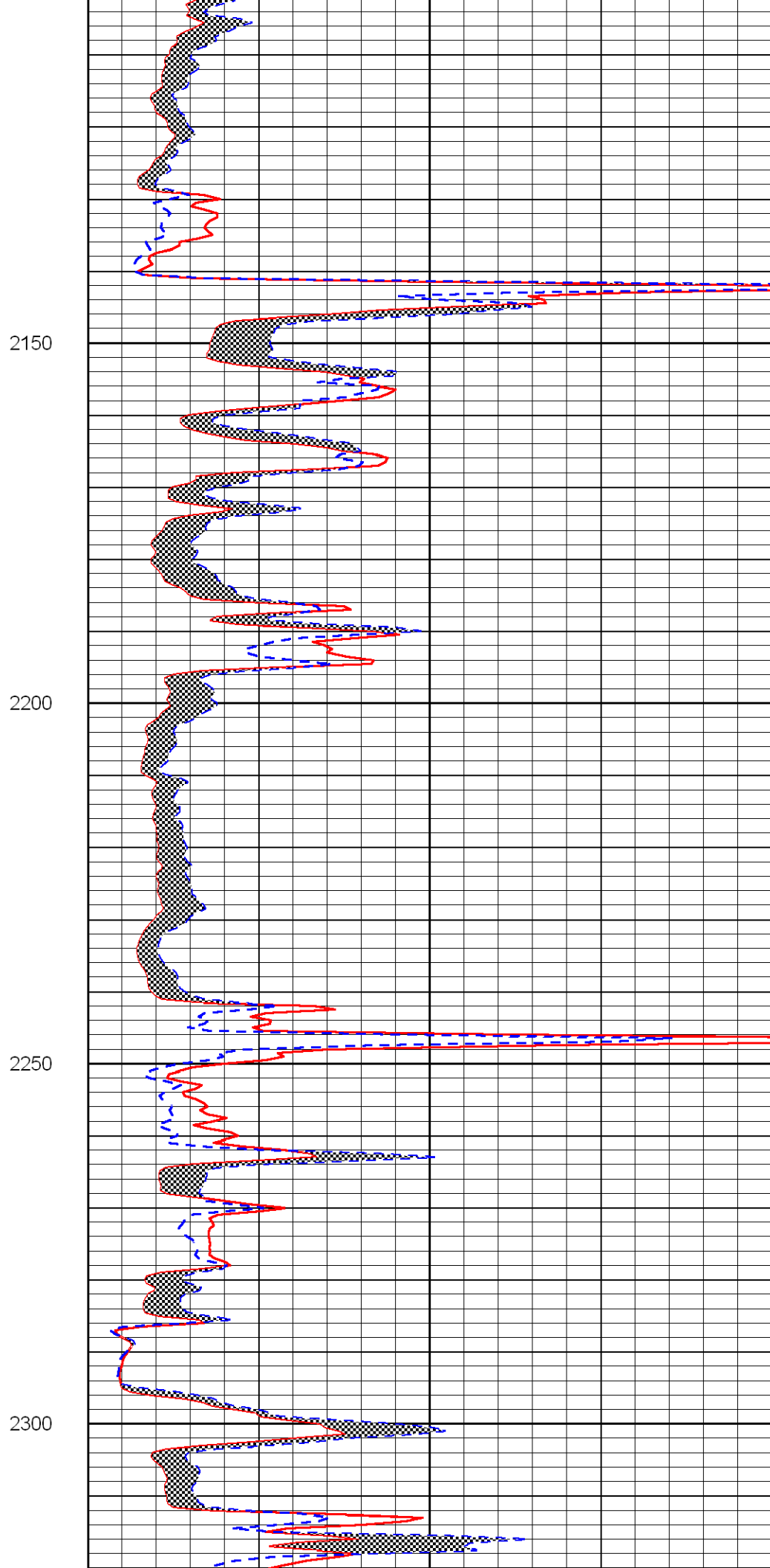
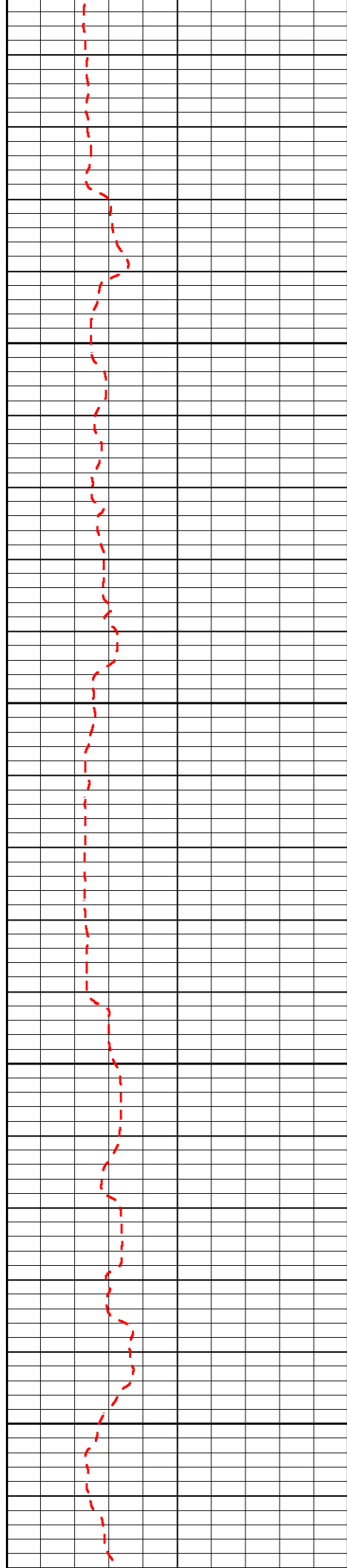
Comments

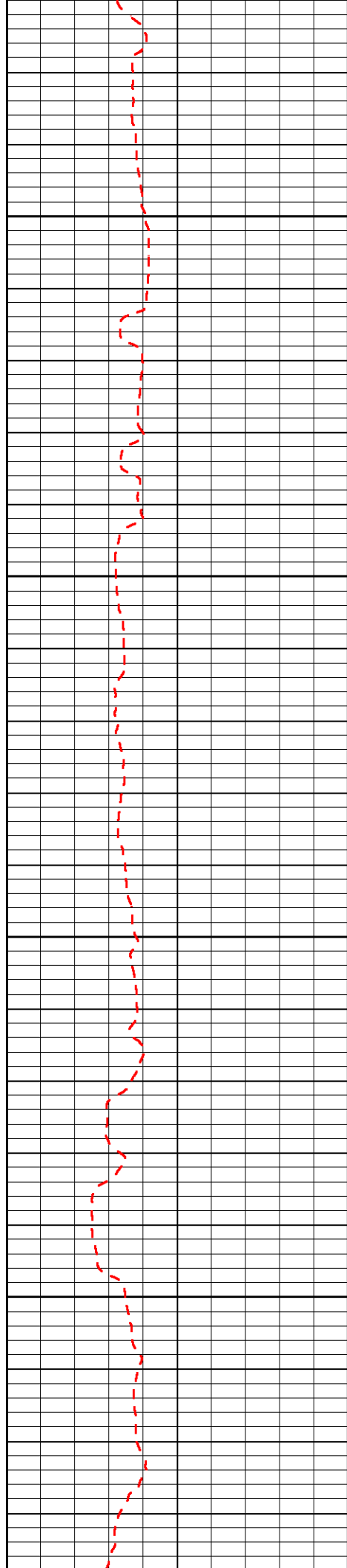
Thank you for using Log-Tech, Inc.
(785) 625-3858

St John S to Highway 50, S 7 to rd 70, 2 1/2 W, S Into

Database File: ramahd.db
Dataset Pathname: dil/ramamel
Presentation Format: micro
Dataset Creation: Tue Dec 02 03:44:51 2008
Charted by: Depth in Feet scaled 1:240





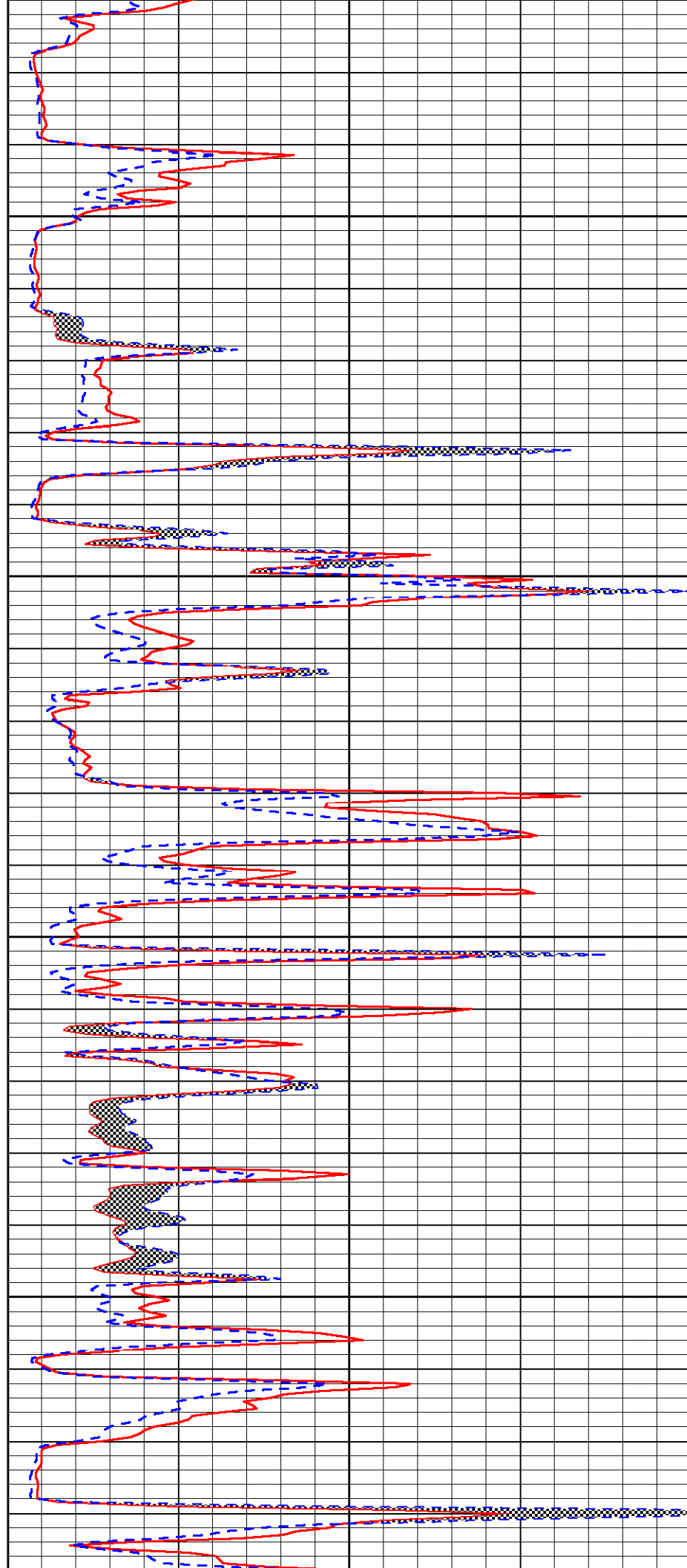


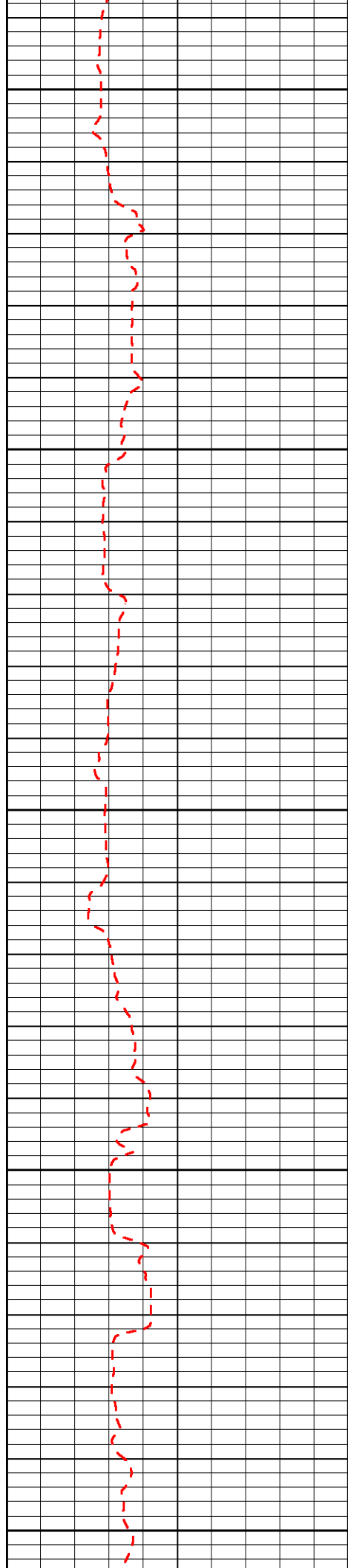
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2450

2500





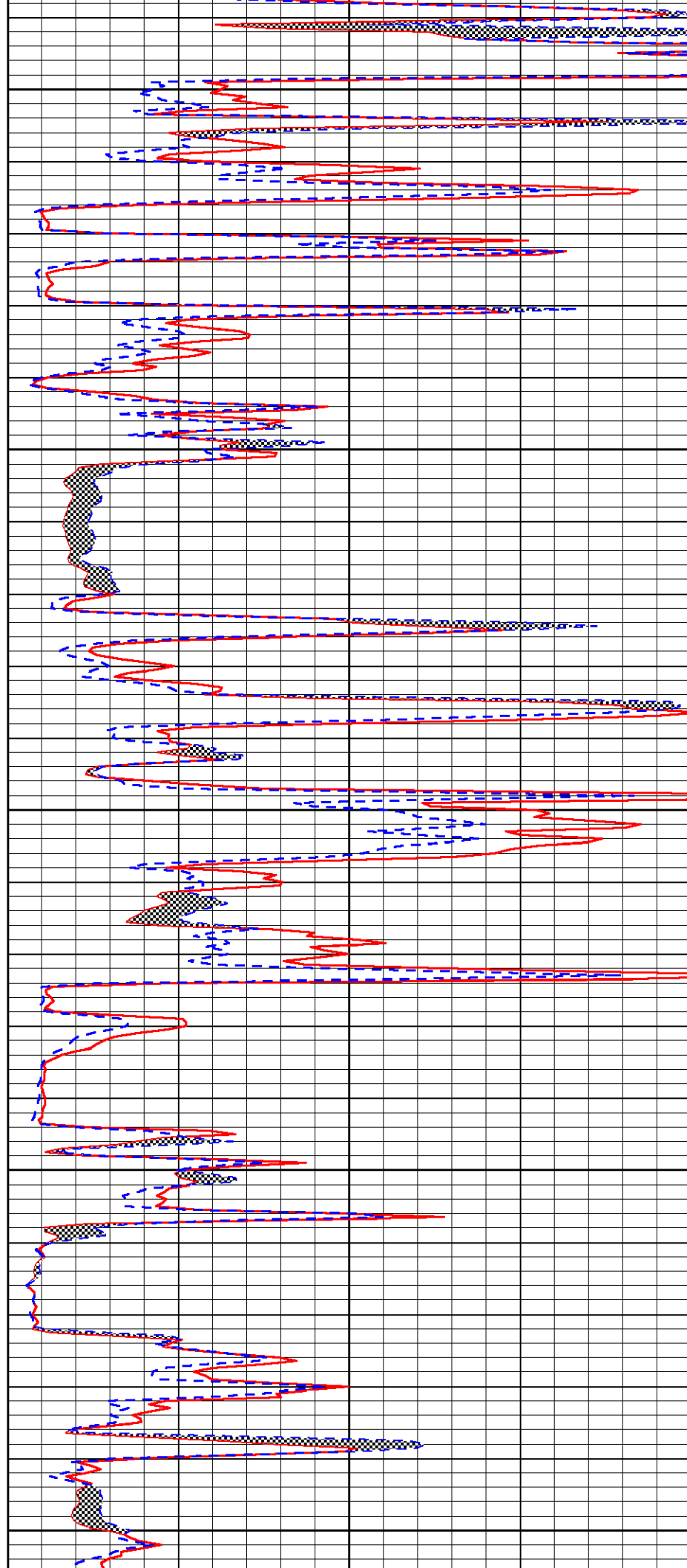
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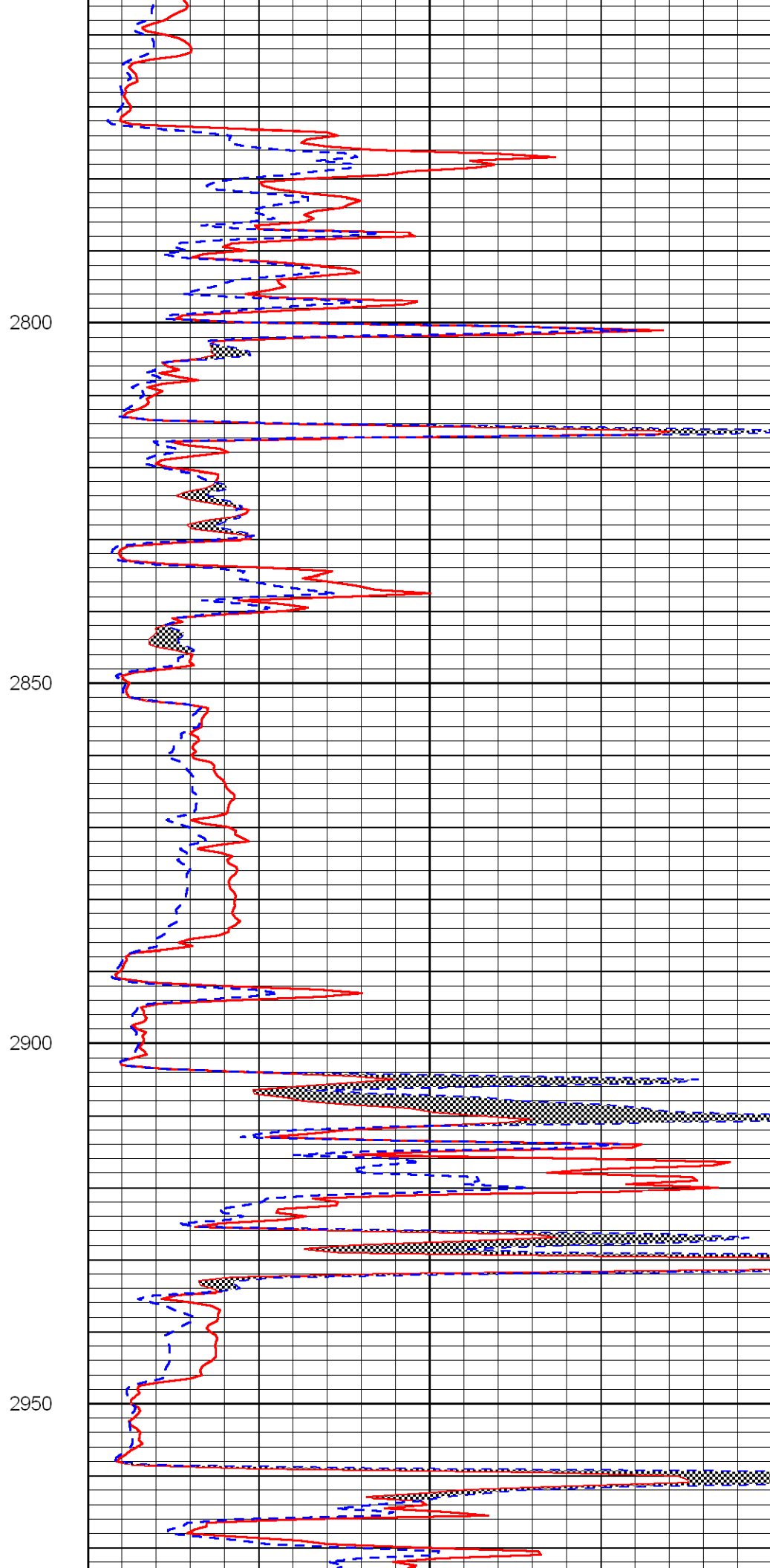
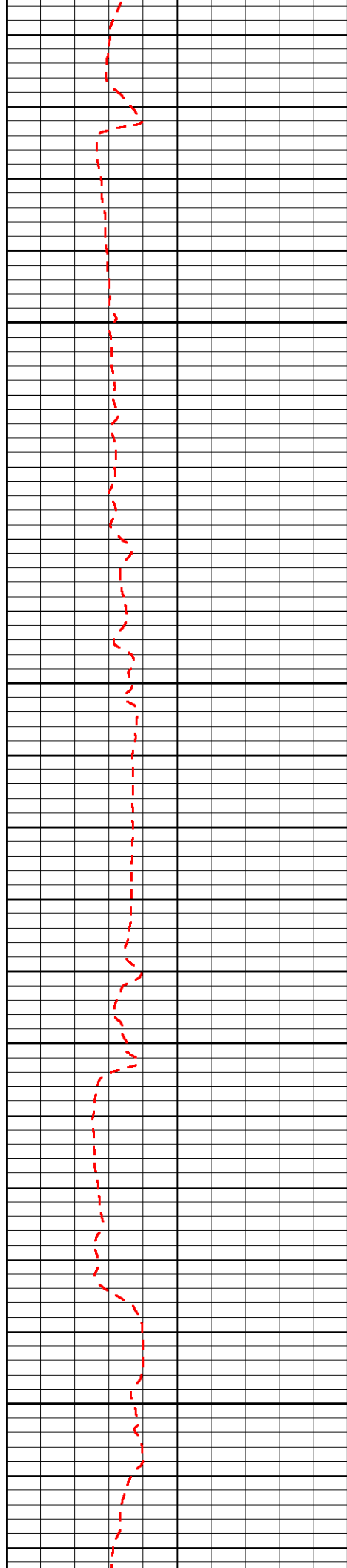
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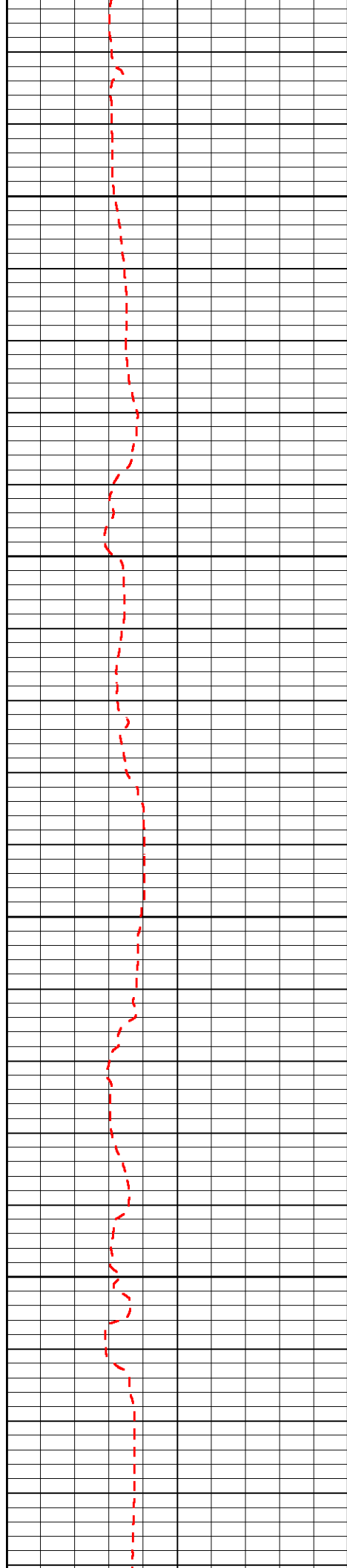
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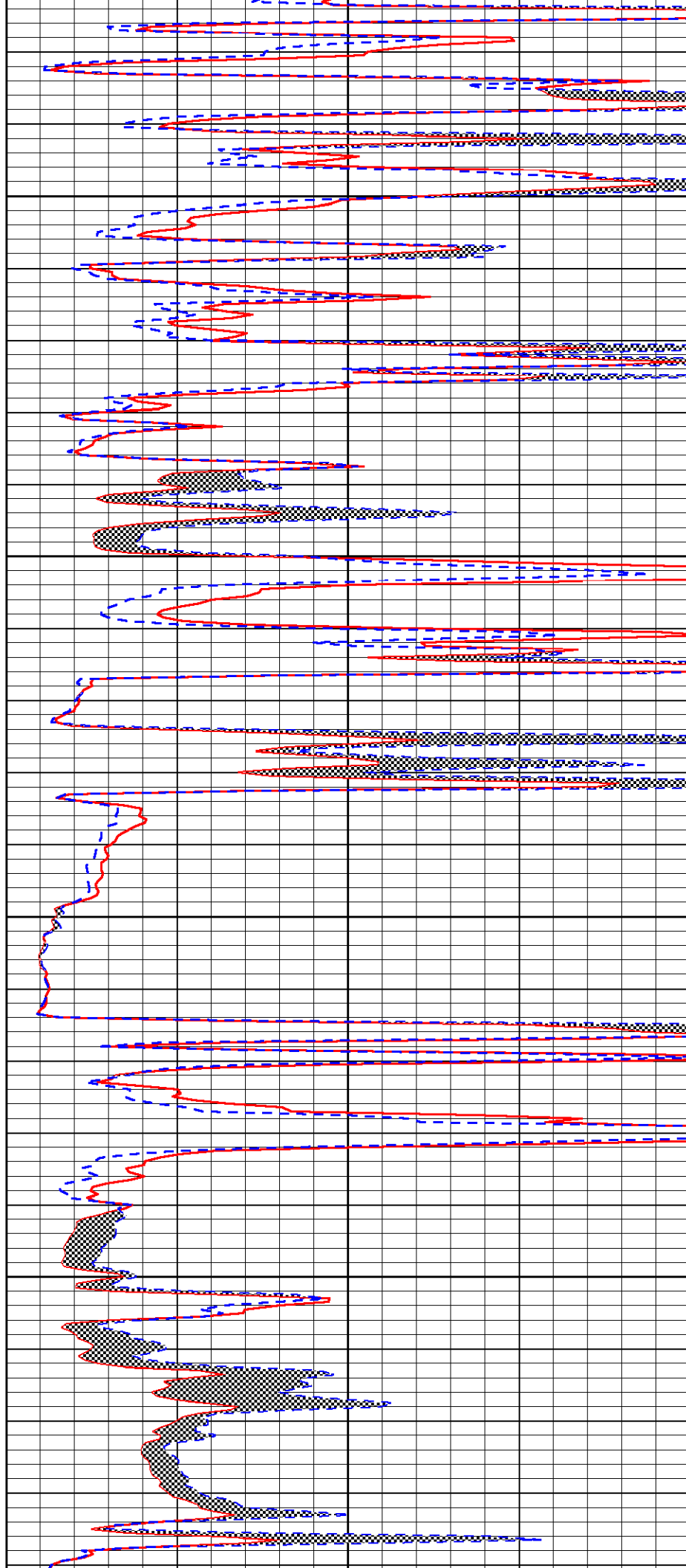


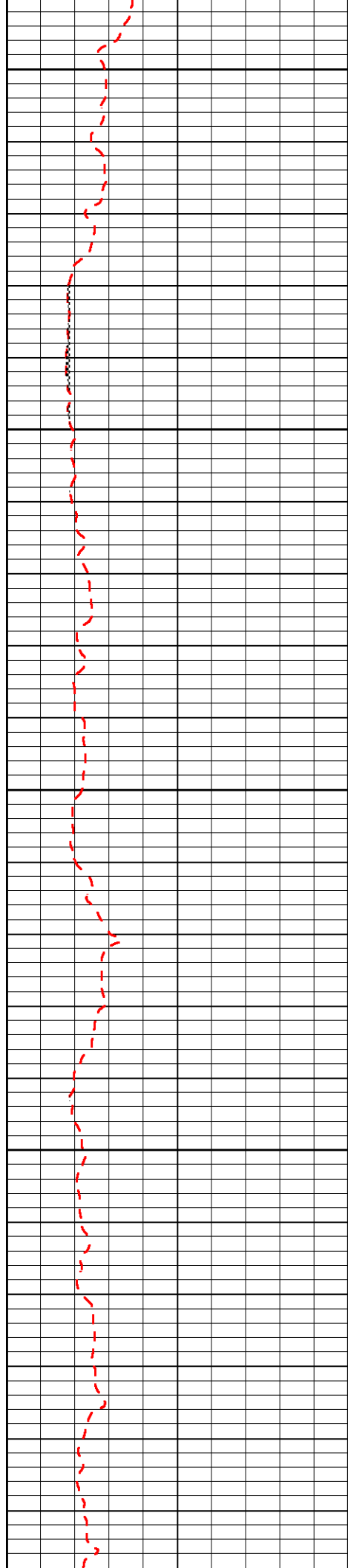
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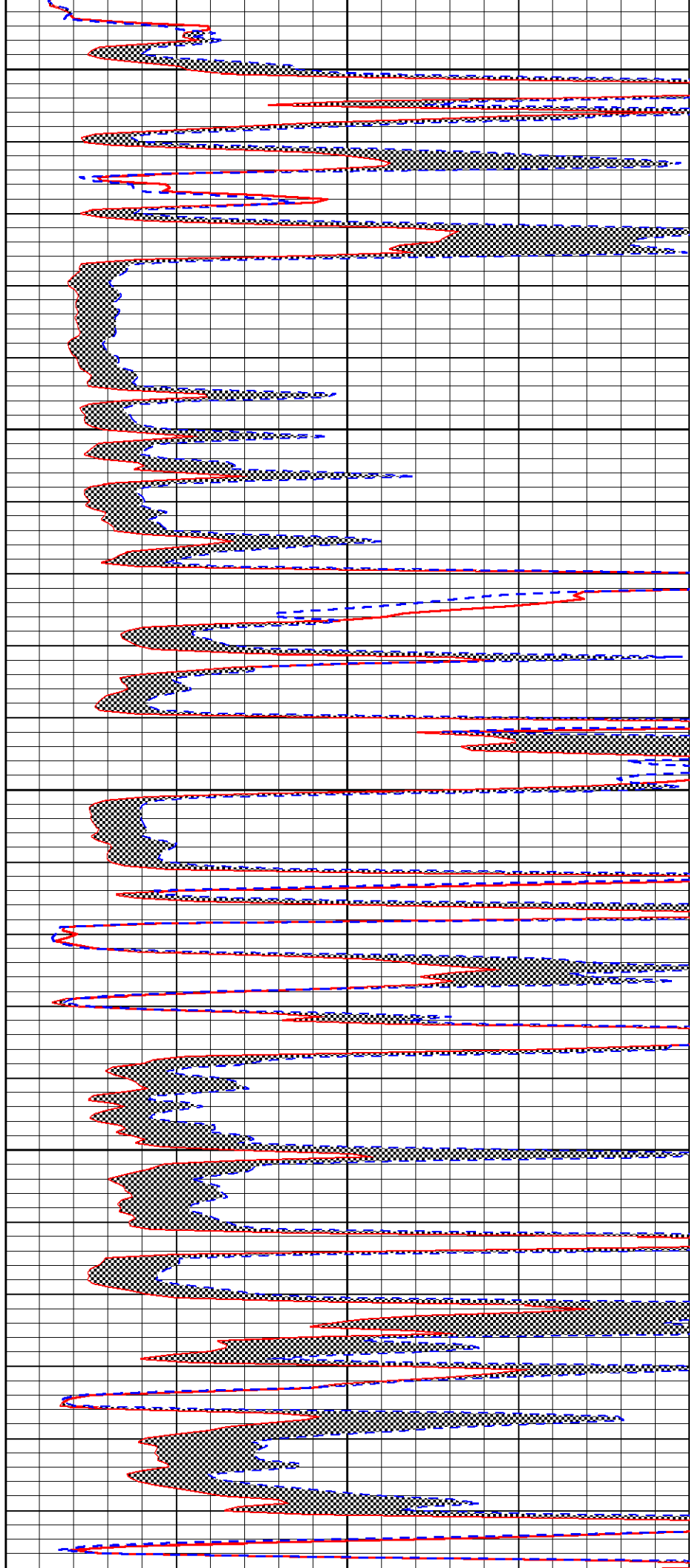
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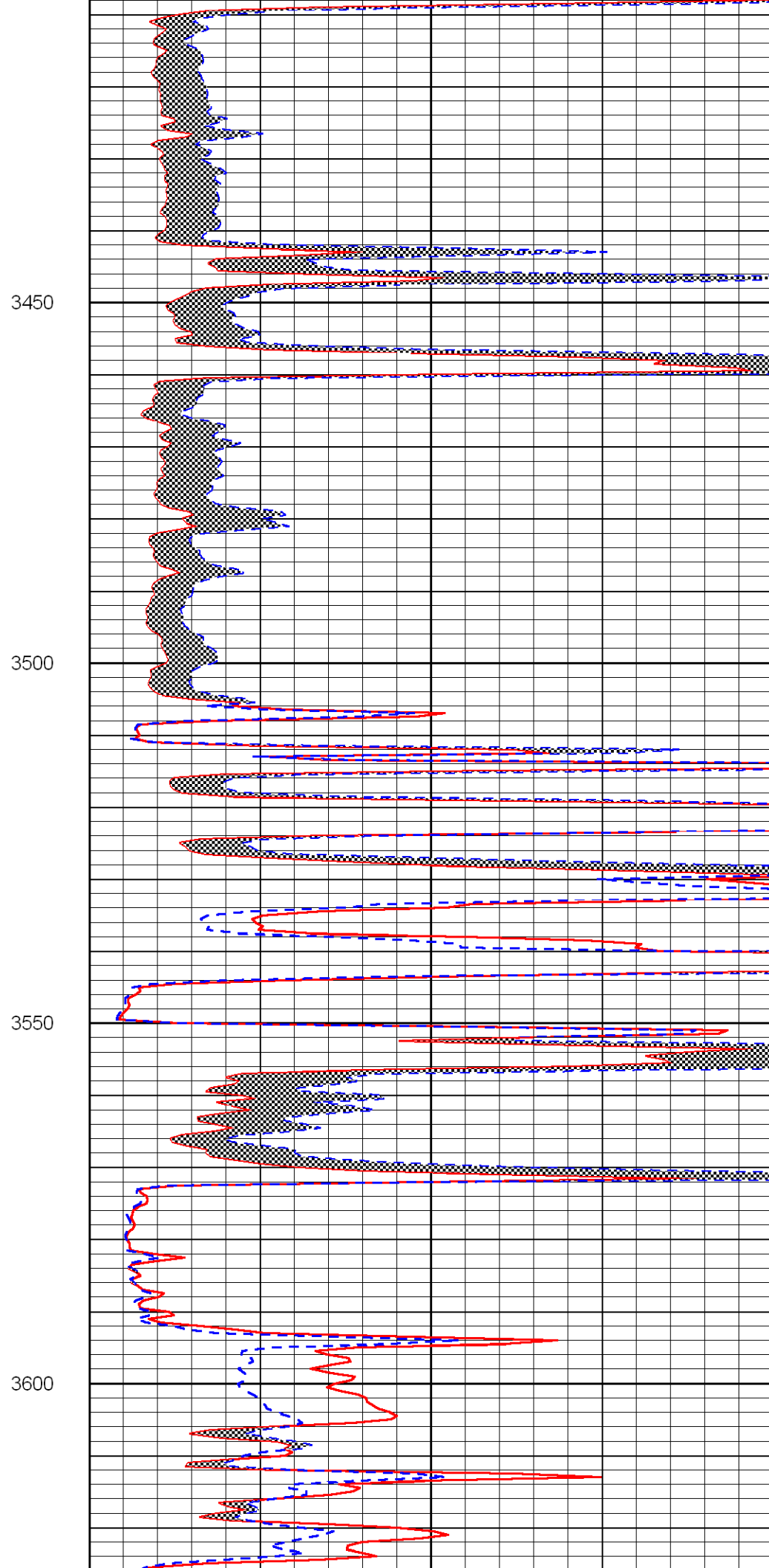
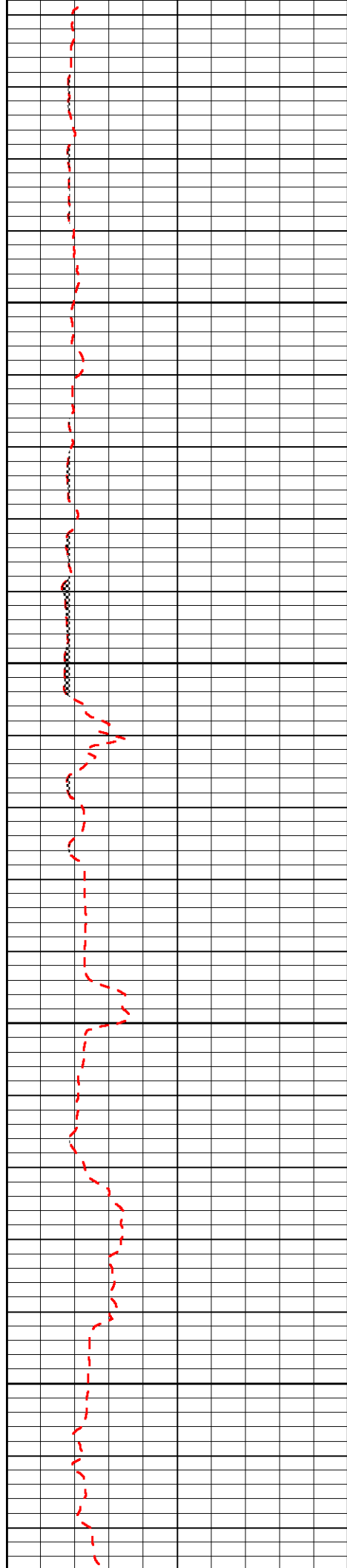
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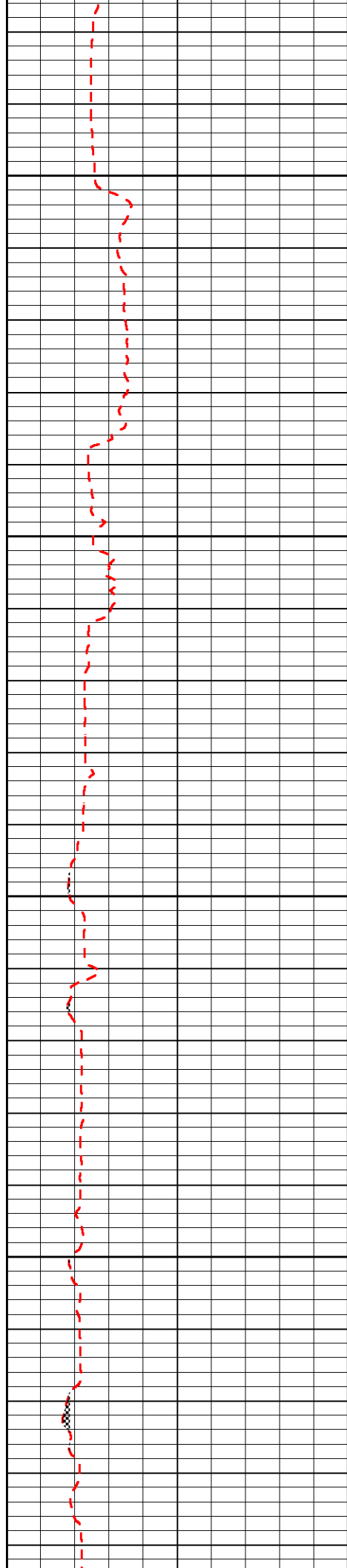
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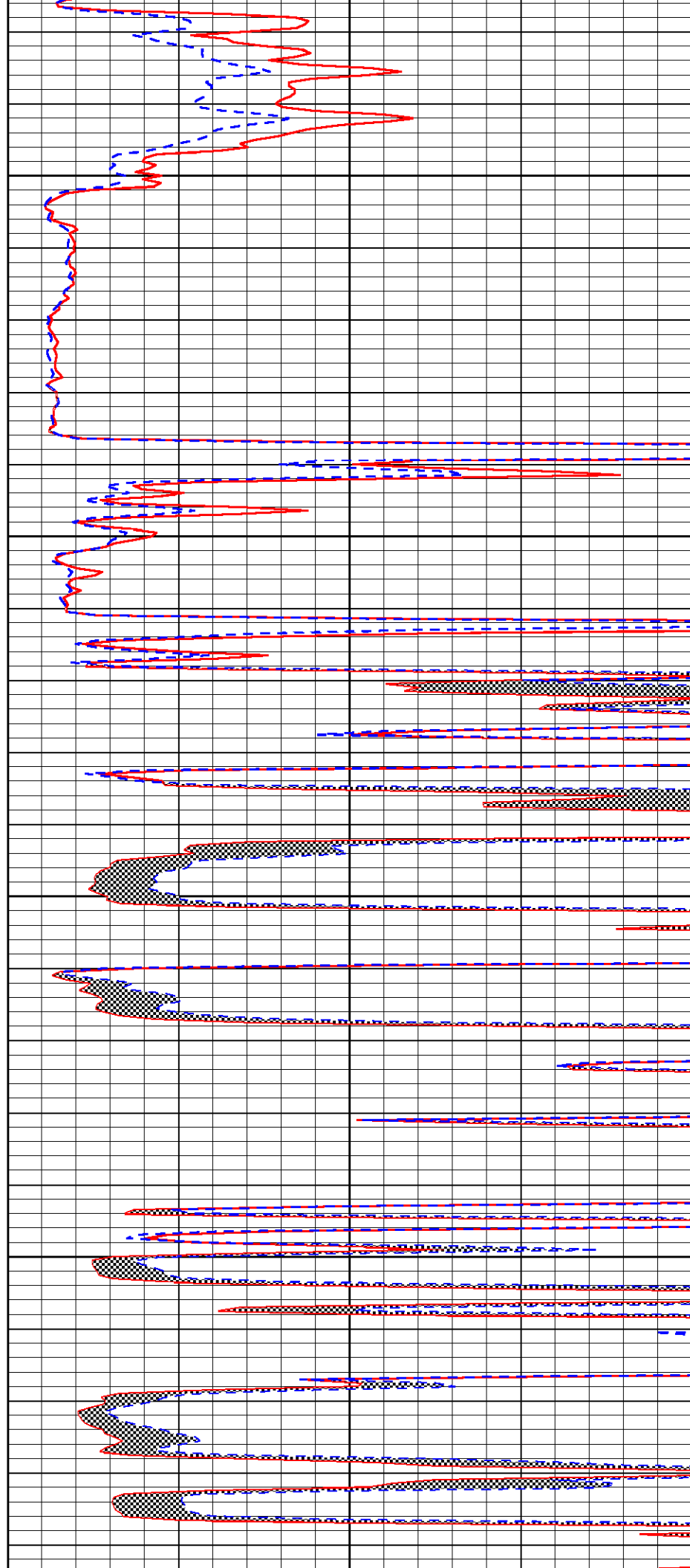


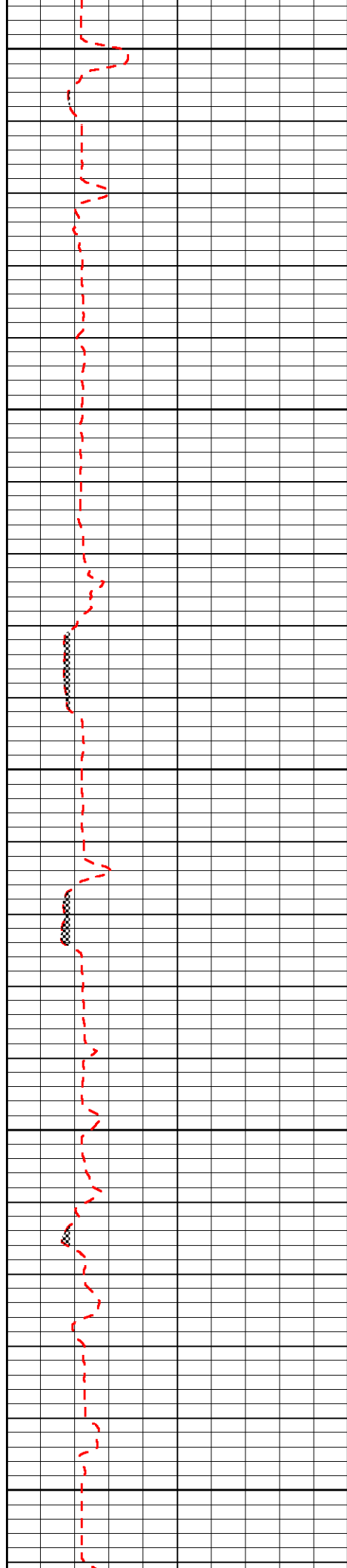
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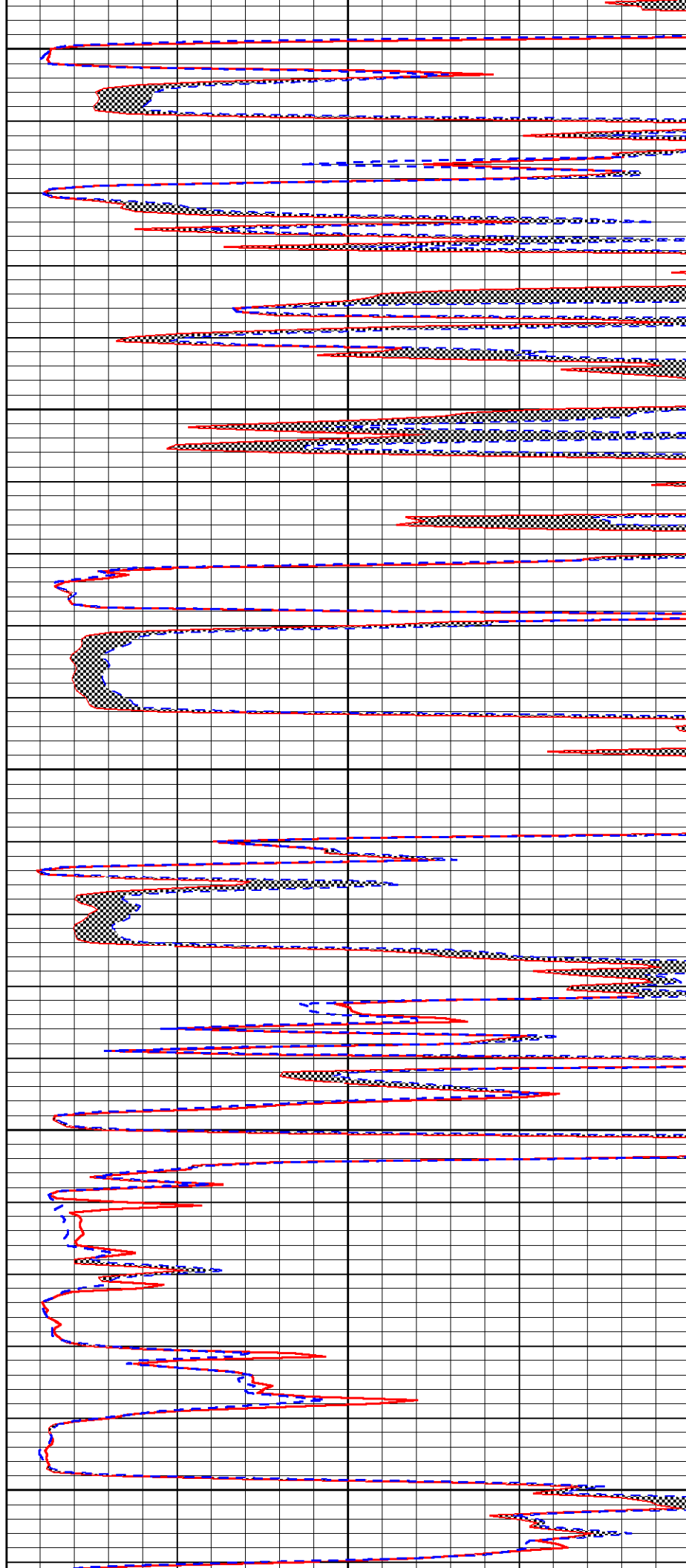
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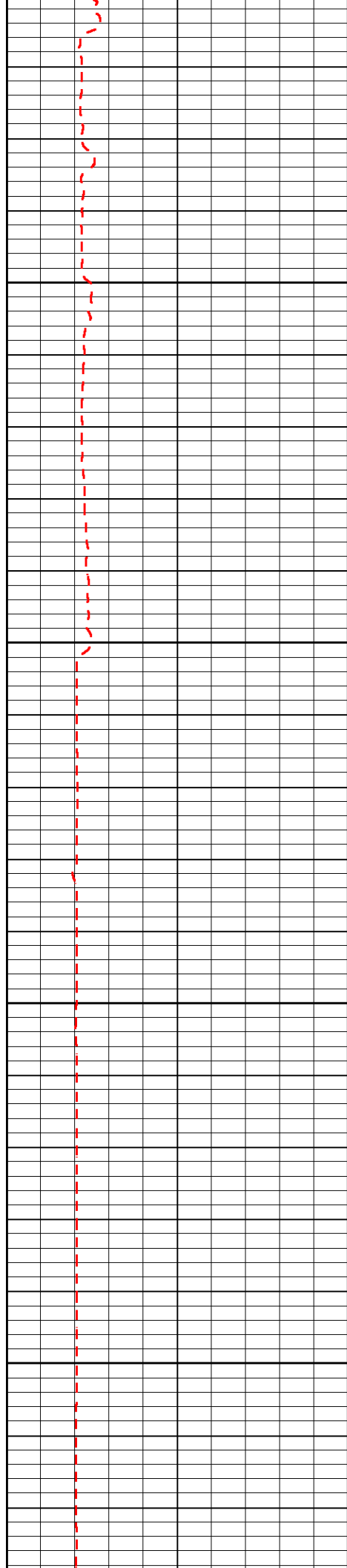
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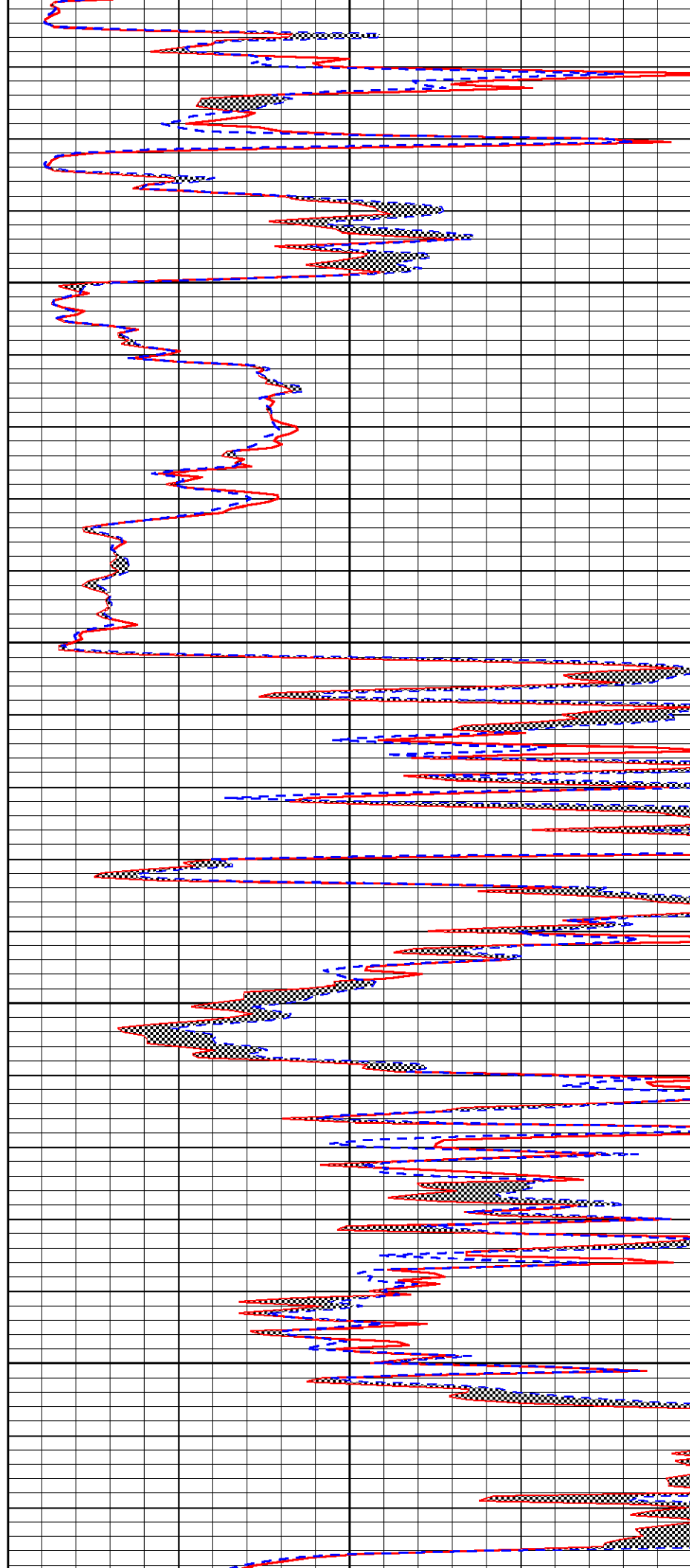


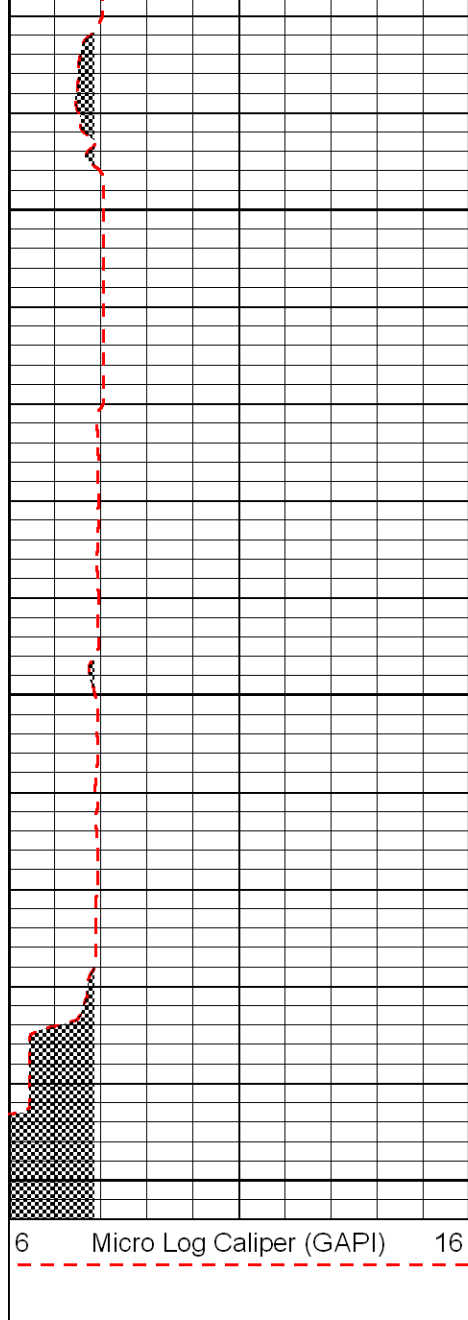
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4400

