

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-101-22,194-00-00

Company Larson Engineering, Inc.

Well Rita No. 2-8

Field McWhirter SW

County Lane State Kansas

Location 1984' FNL & 599' FEL

Sec: 8 Twp: 19S Rge: 29W

Other Services
CNL/CDL
MEL

Permanent Datum Ground Level Elevation 2835

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 2840
D.F. 2835
G.L. 2835

Date 09/27/2009

Run Number One

Depth Driller 4649

Depth Logger 4652

Bottom Logged Interval 4651

Top Log Interval 250

Casing Driller 8.625 @ 261

Casing Logger 259

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4.800

Density / Viscosity 9.2 52

pH / Fluid Loss 9.5 8.0

Source of Sample Flowline

Rm @ Meas. Temp 2 @ 65

Rmf @ Meas. Temp 1.5 @ 65

Rmc @ Meas. Temp 2.7 @ 65

Source of Rmf / Rmc Charts

Rm @ BHT 1.04 @ 124

Operating Rig Time 3 Hours

Max Rec. Temp. F 124

Equipment Number 10

Location Hays

Recorded By Jason Wellbrock

Witnessed By Bob Lewellyn

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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

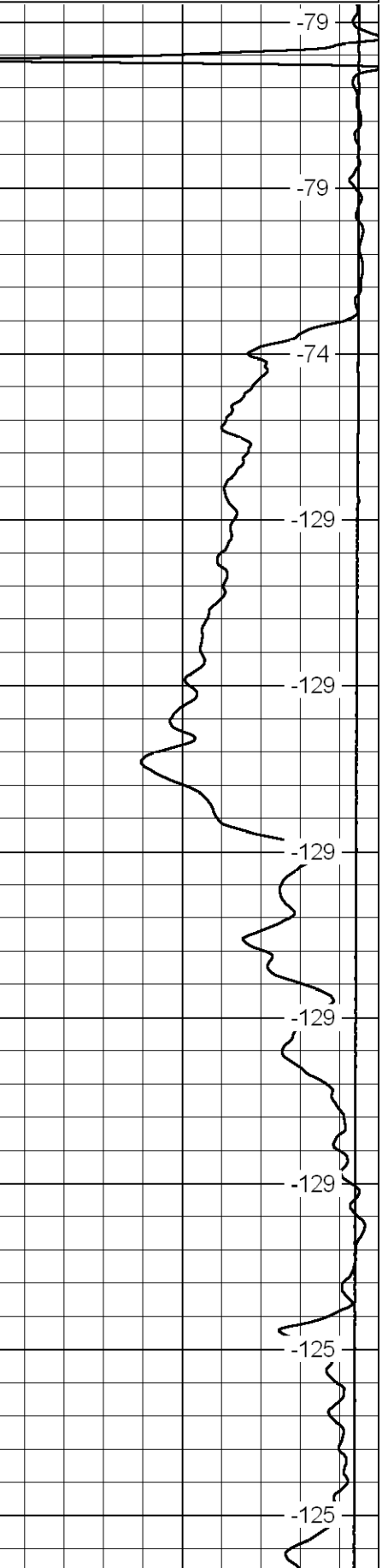
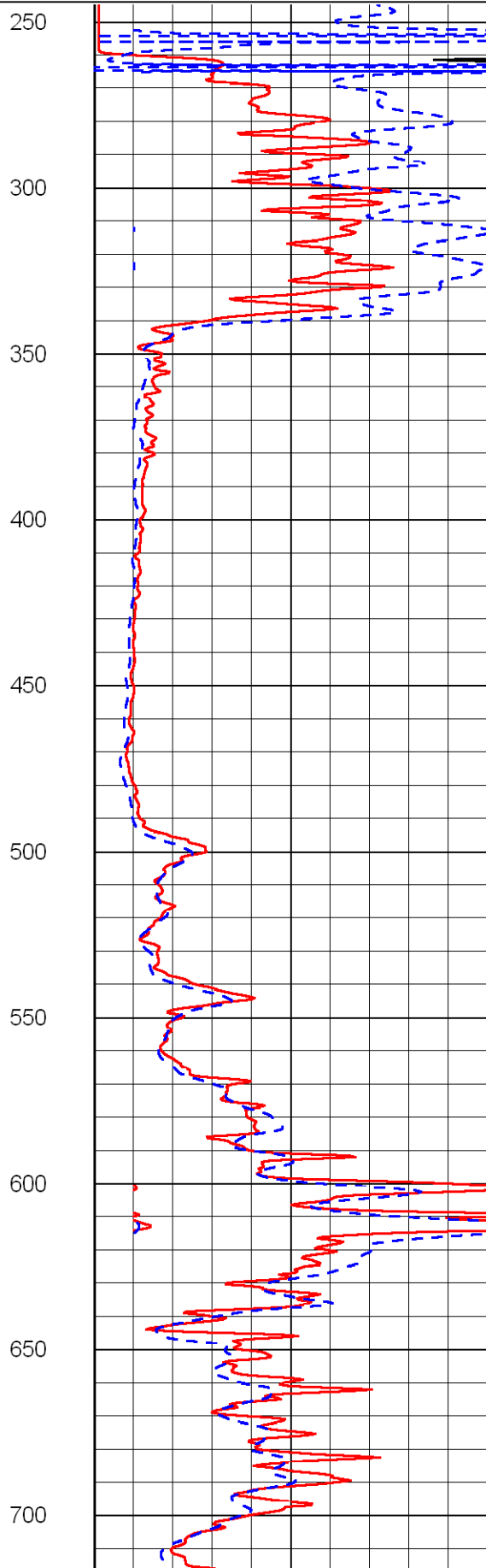
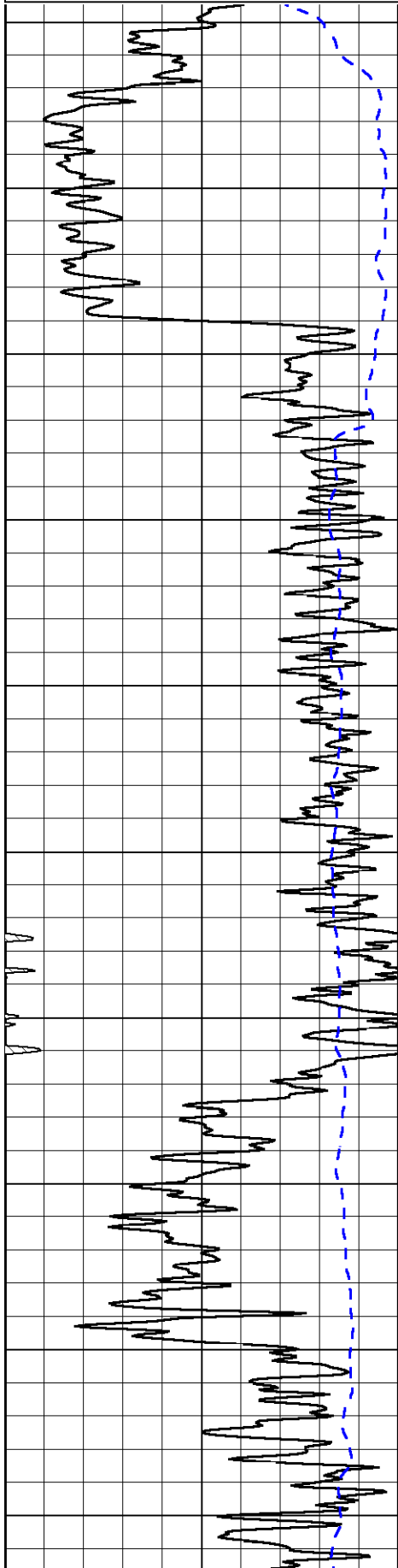
Dighton 3 W, 4 S, 1 W past two tank batteries, S Into

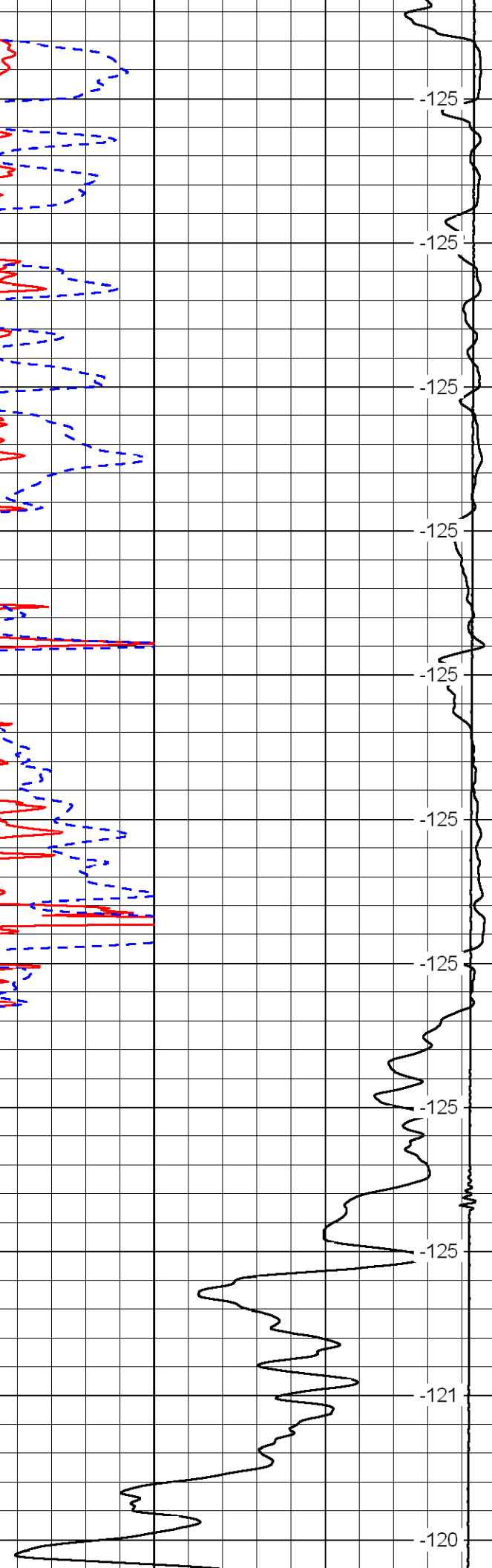
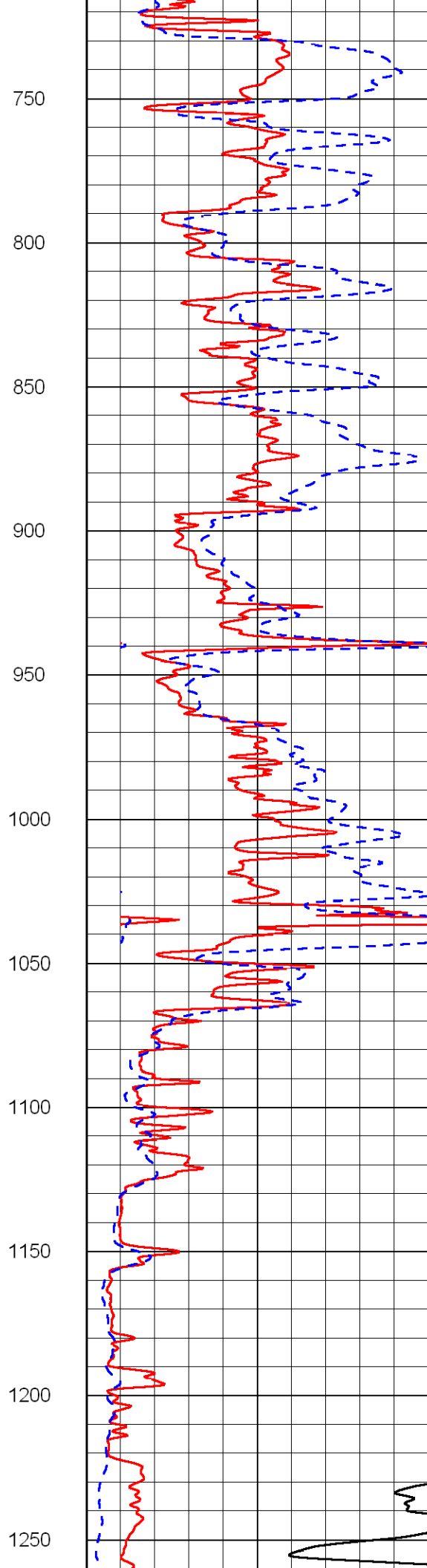
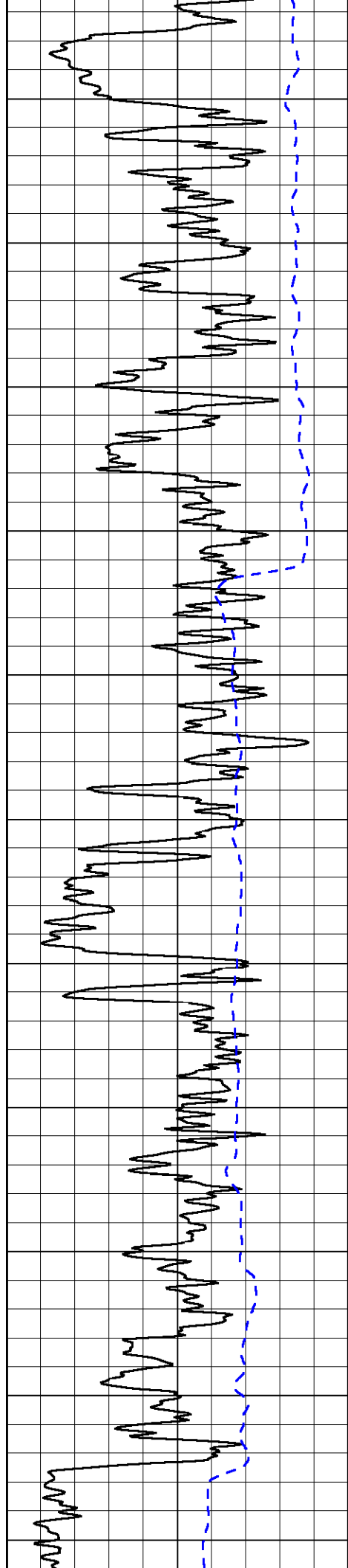
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Dataset Creation: Sun Sep 27 13:42:10 2009
Charted by: Depth in Feet scaled 1:600

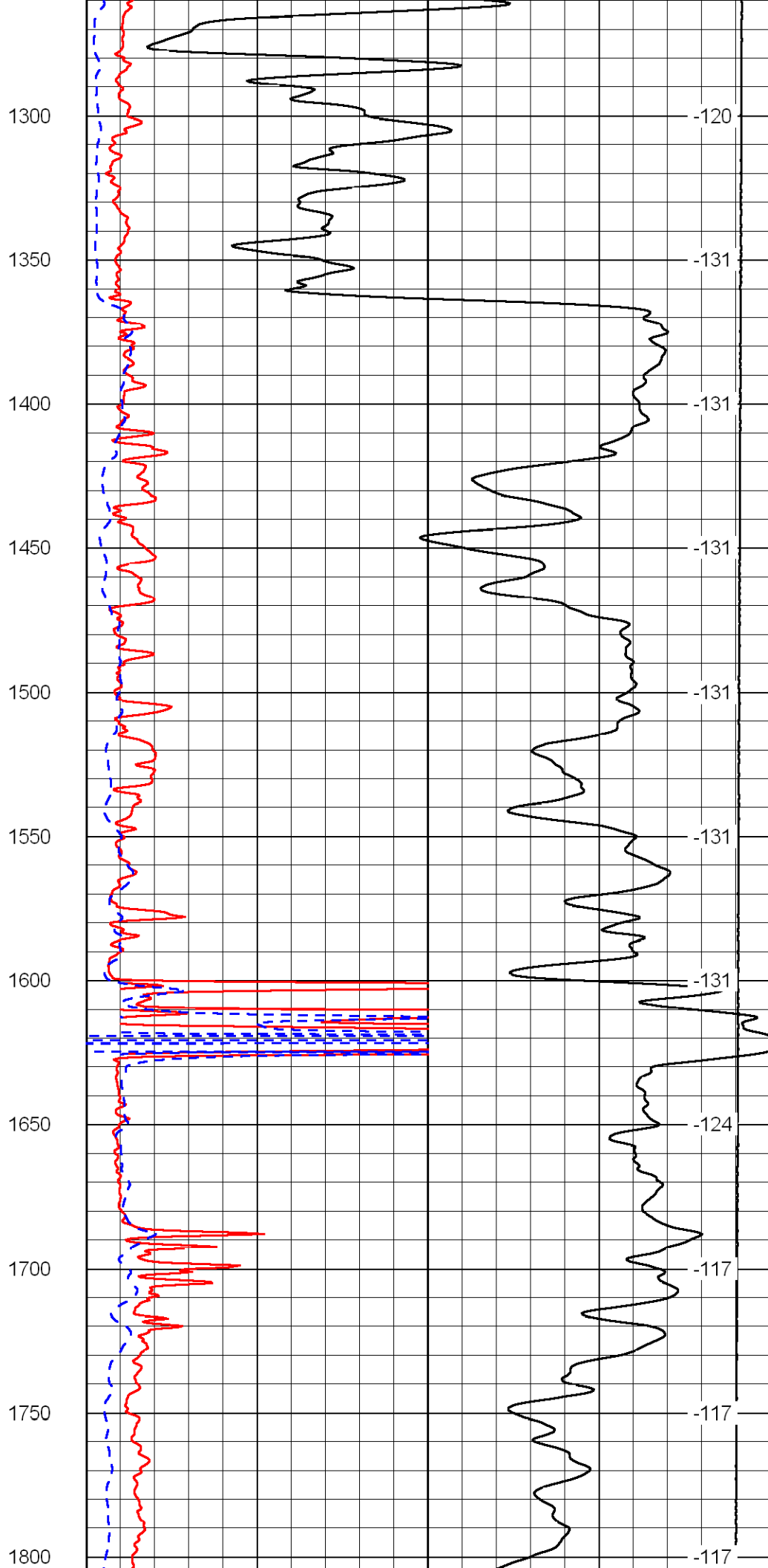
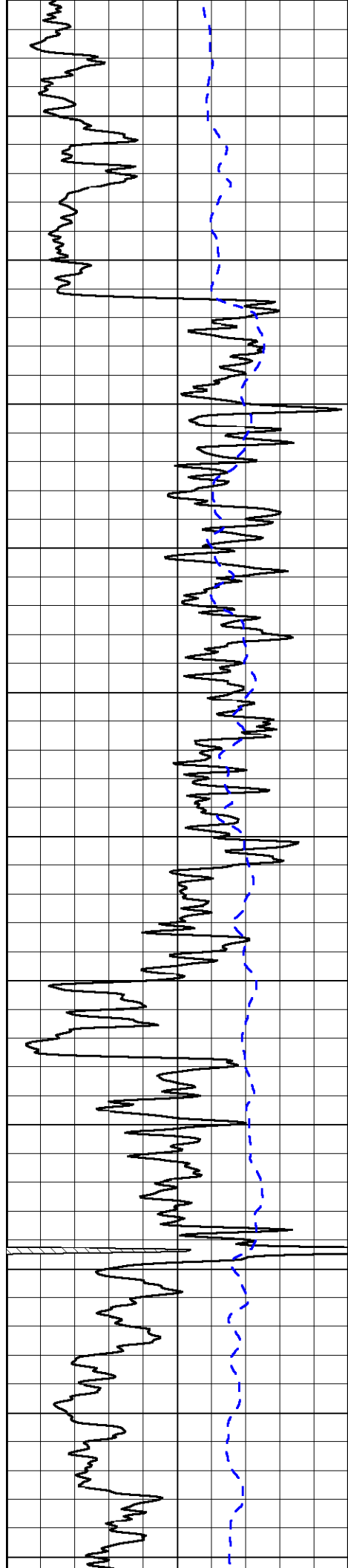
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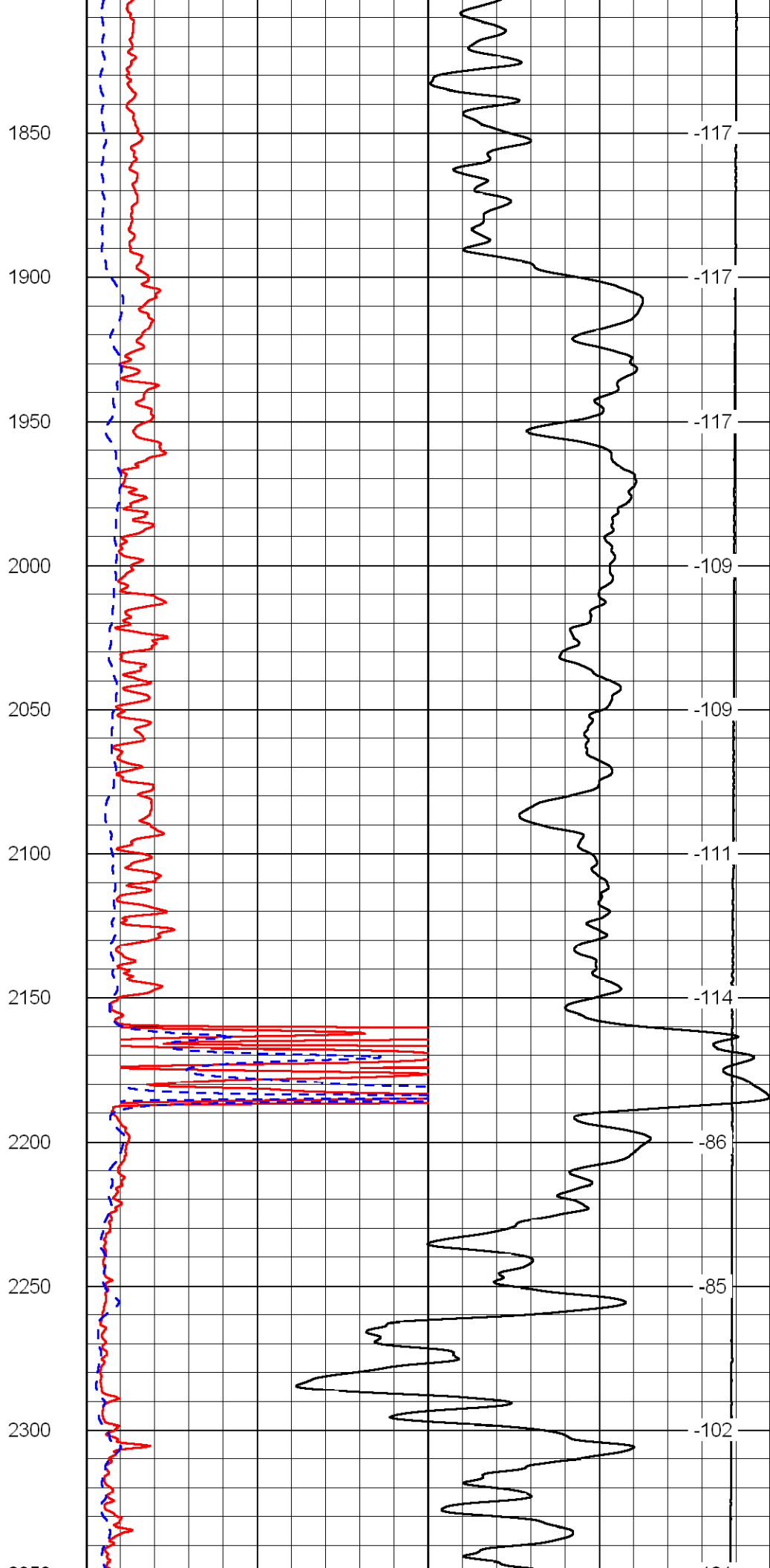
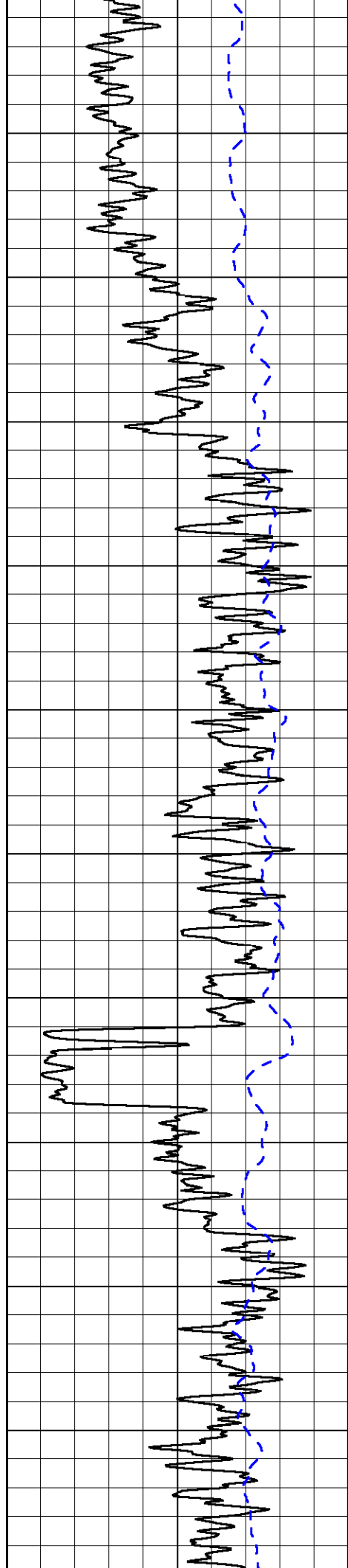
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15000	Line Tension	0
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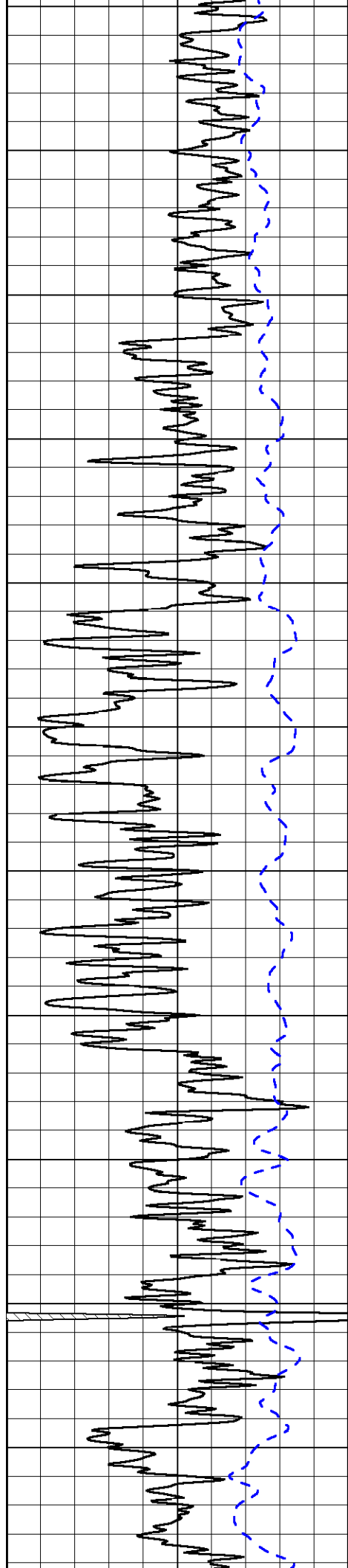
LSPD



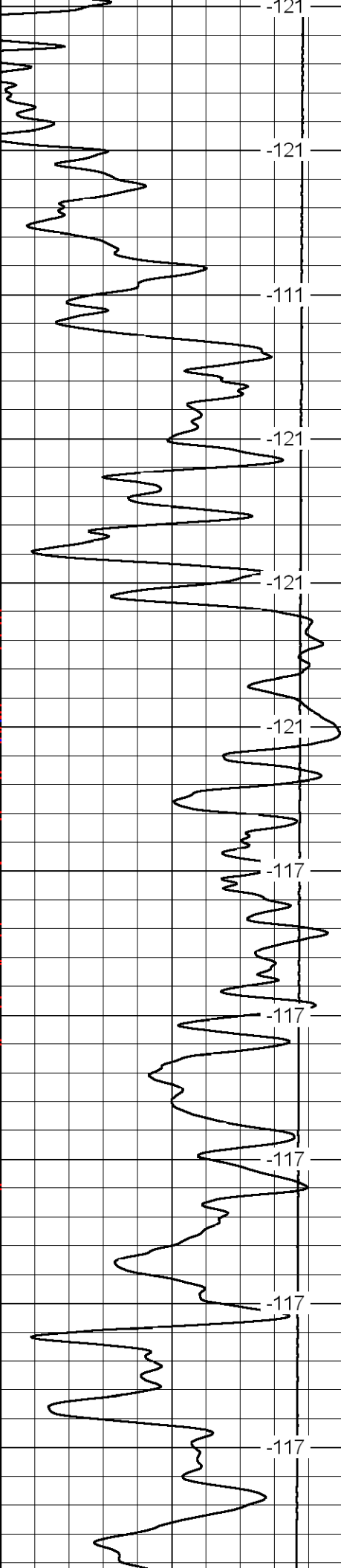
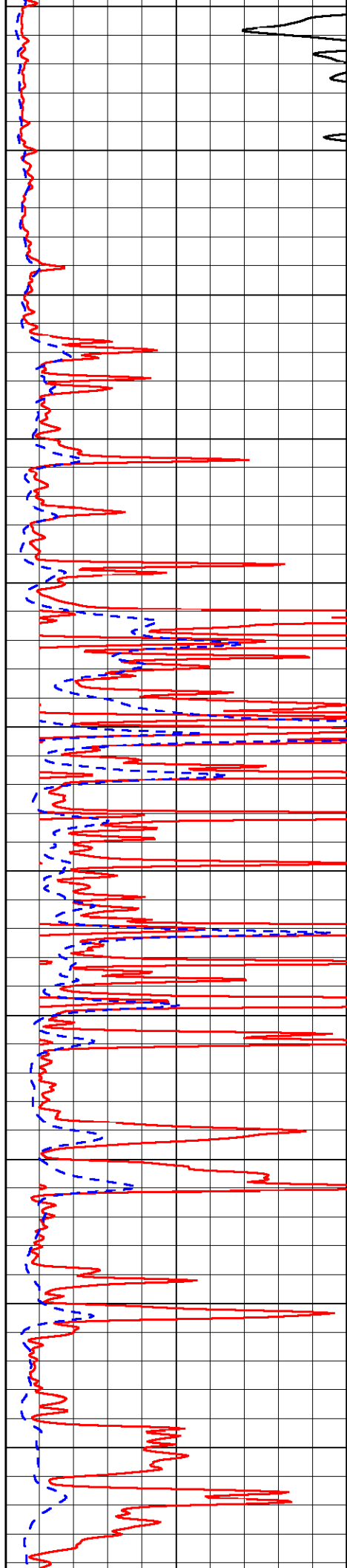


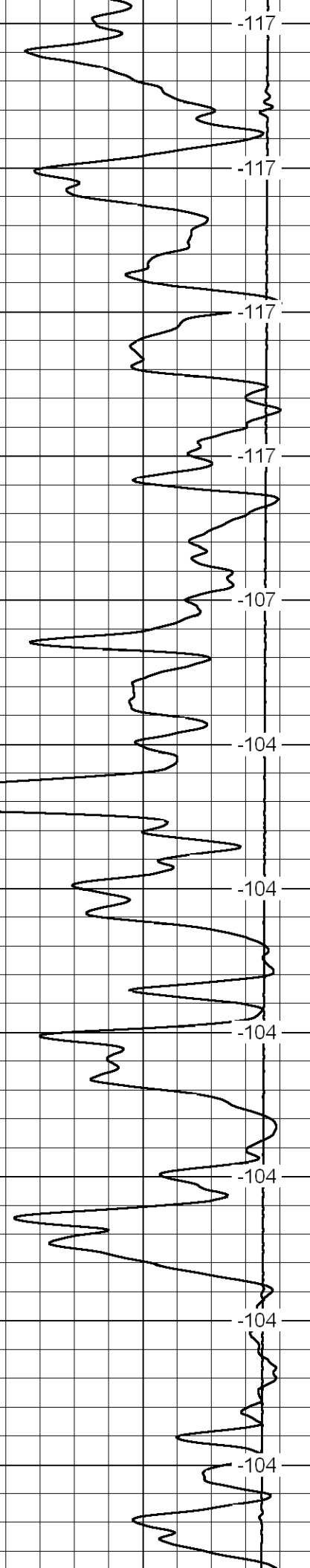
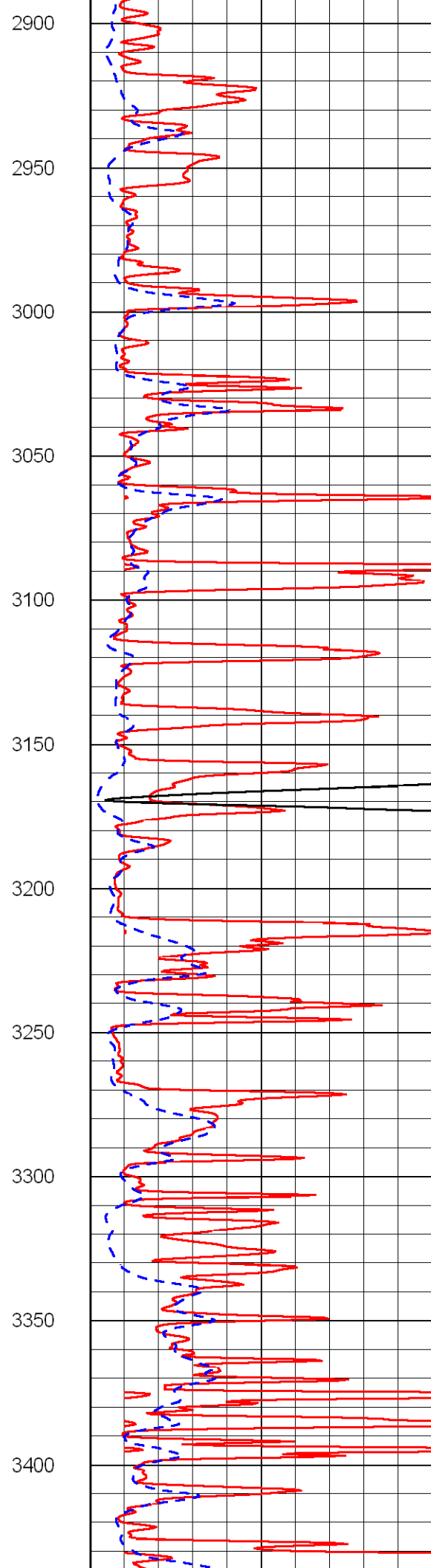
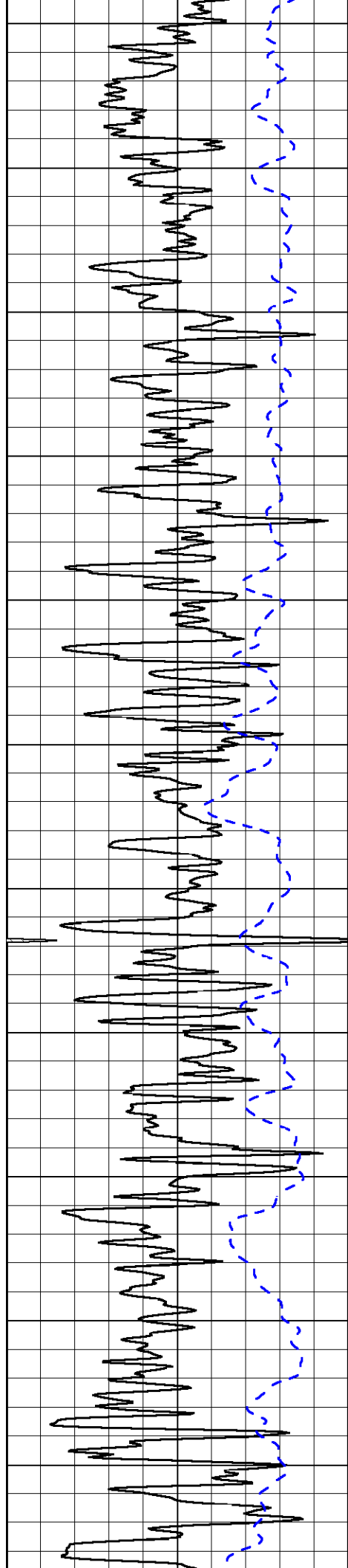


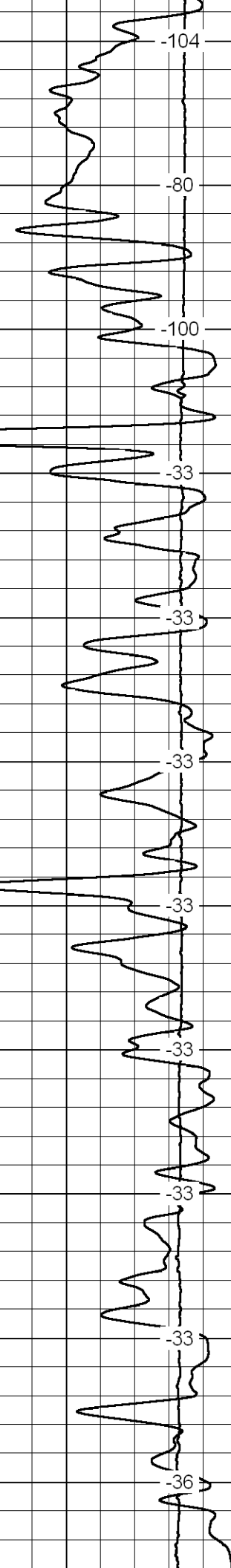
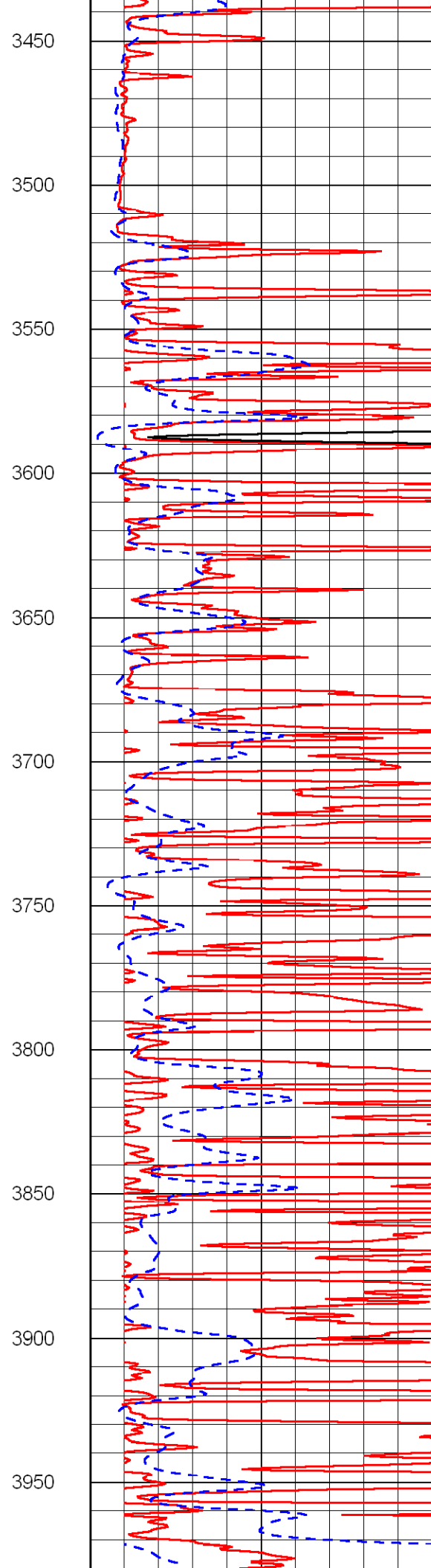
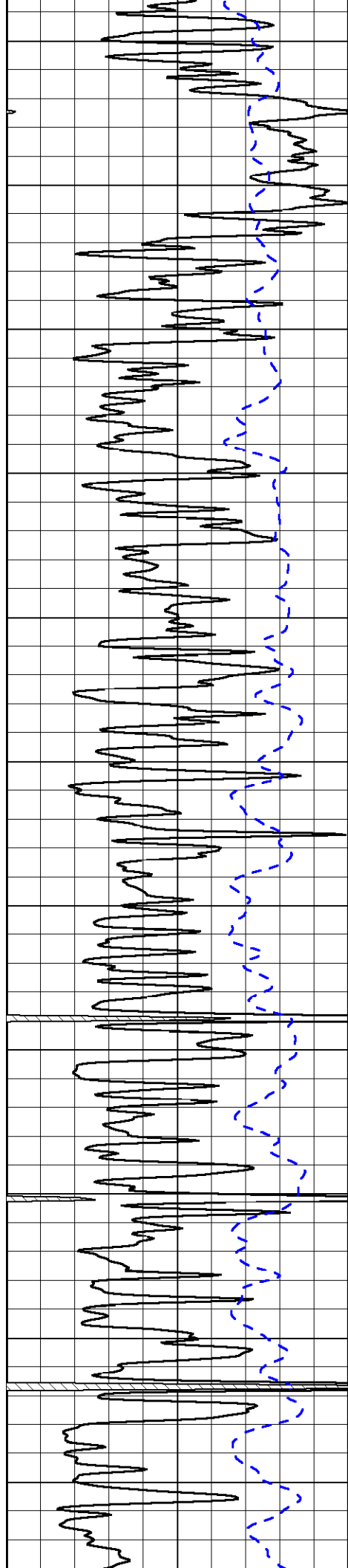


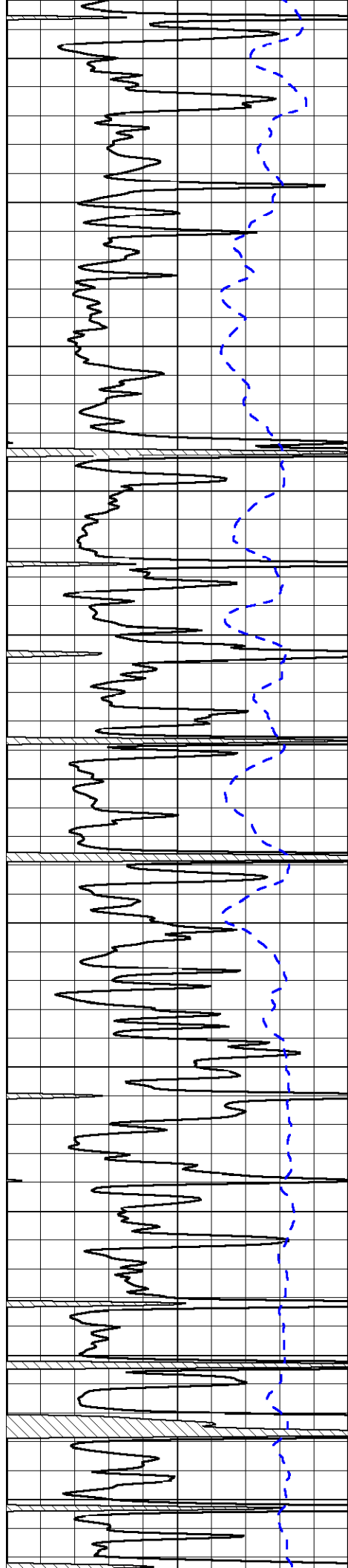


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2850









4000

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4100

4150

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4250

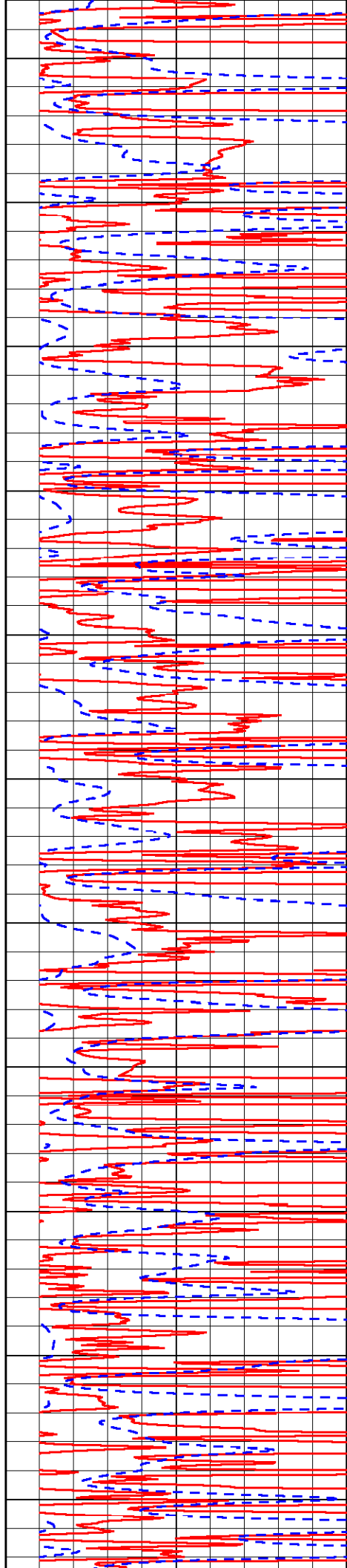
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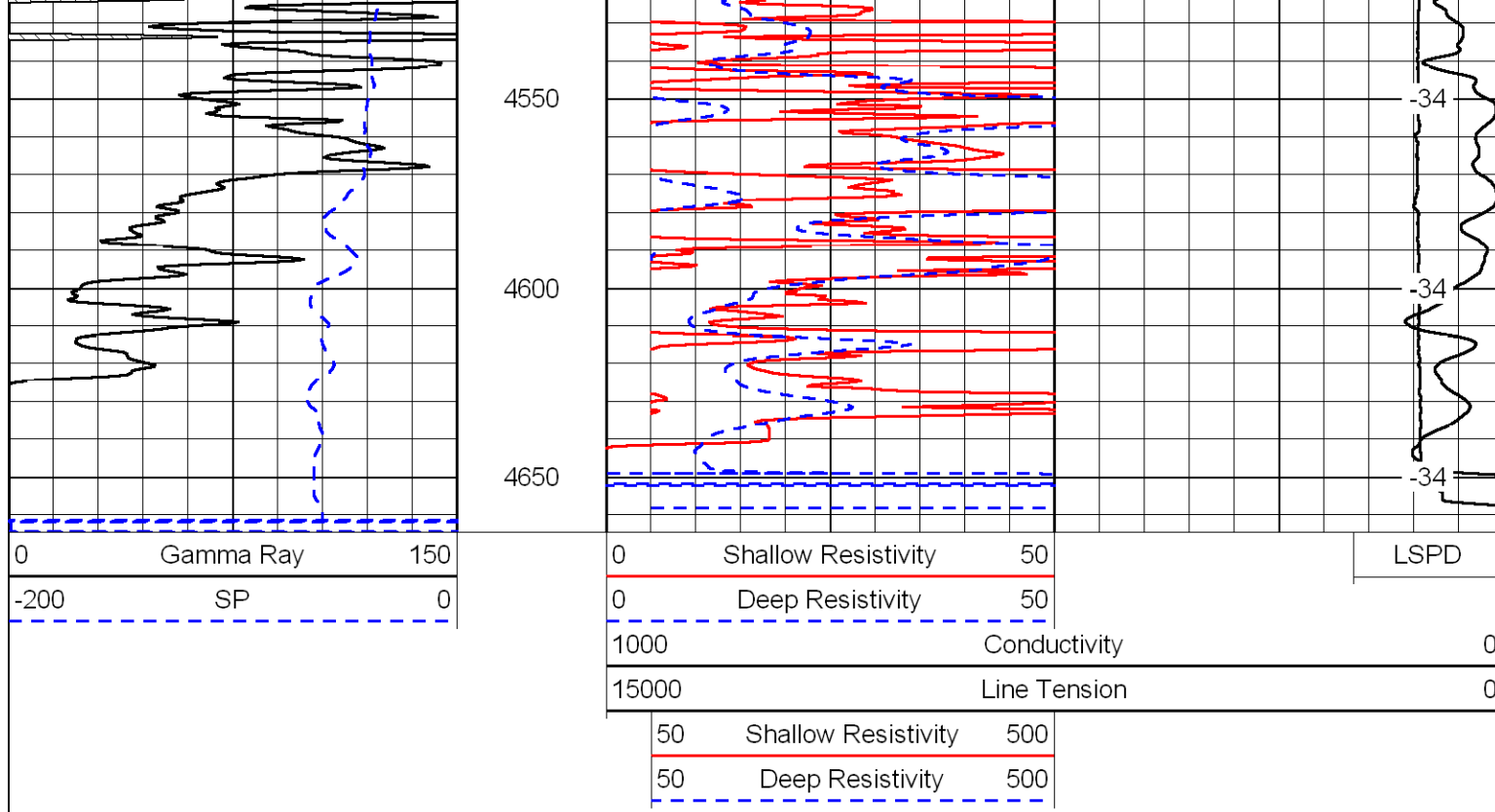
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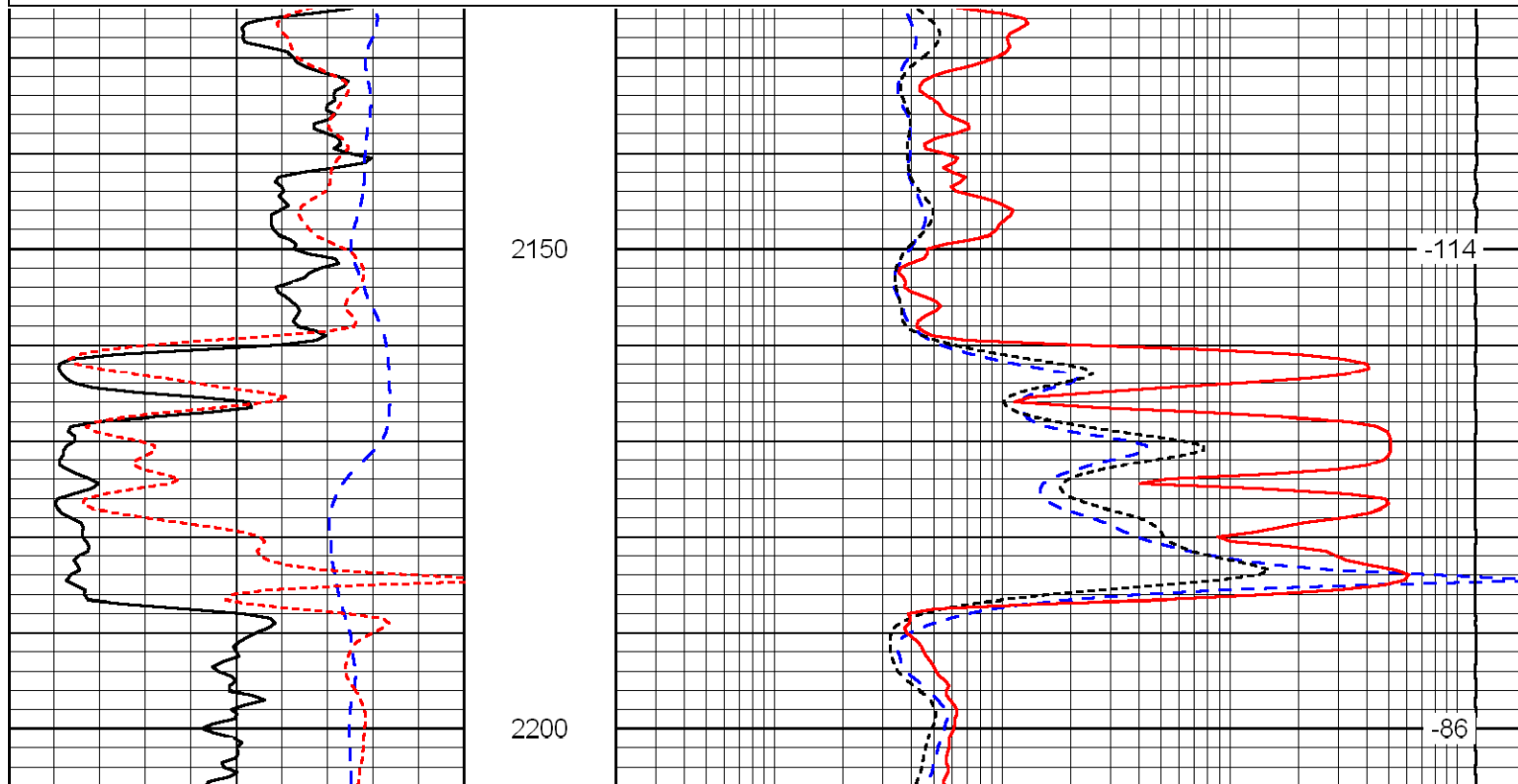
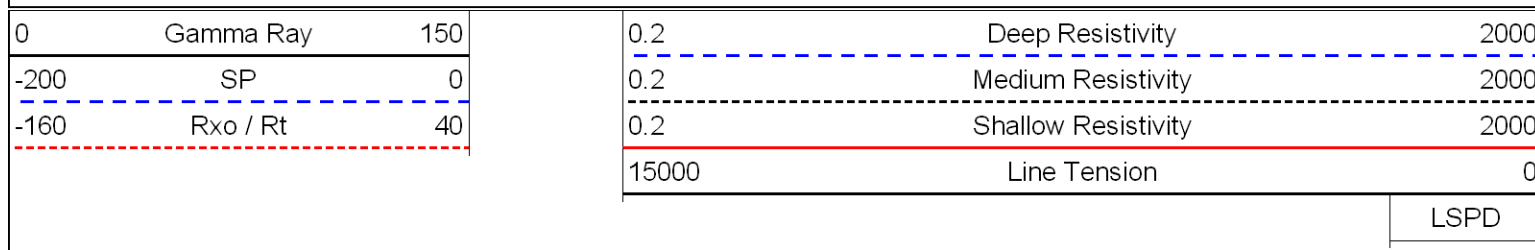
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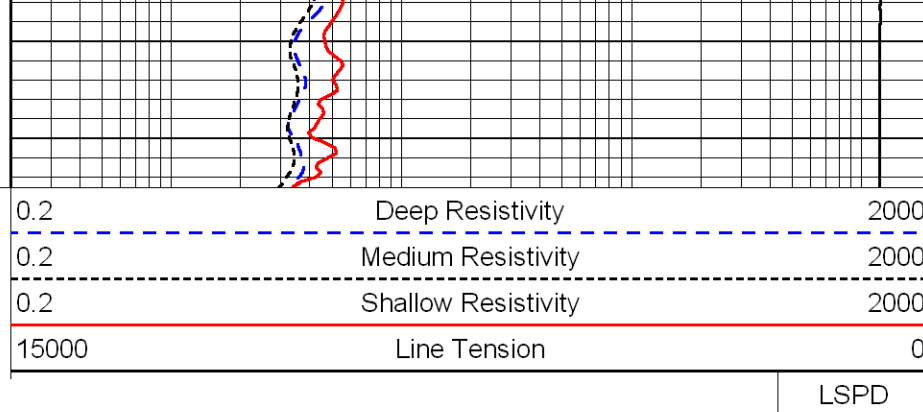
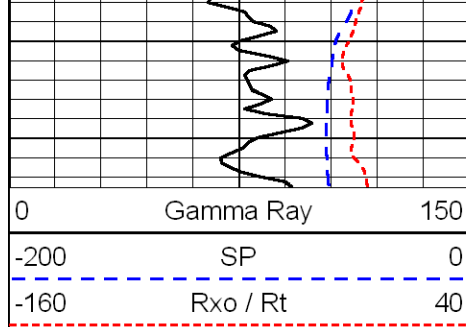
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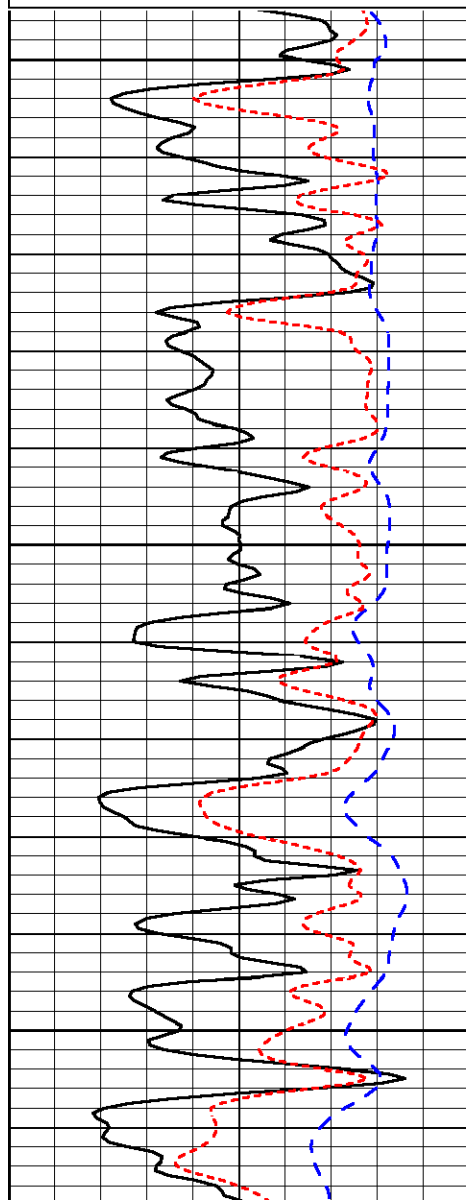
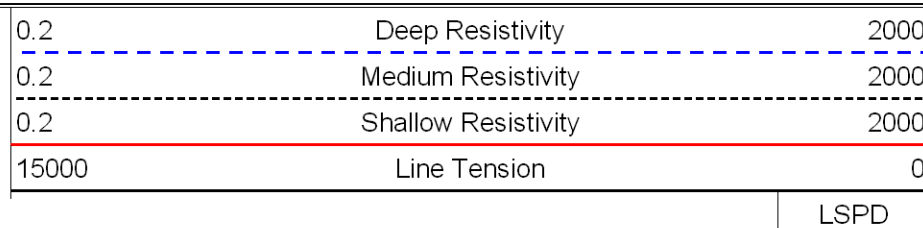
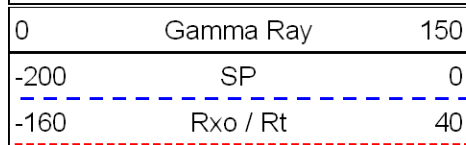


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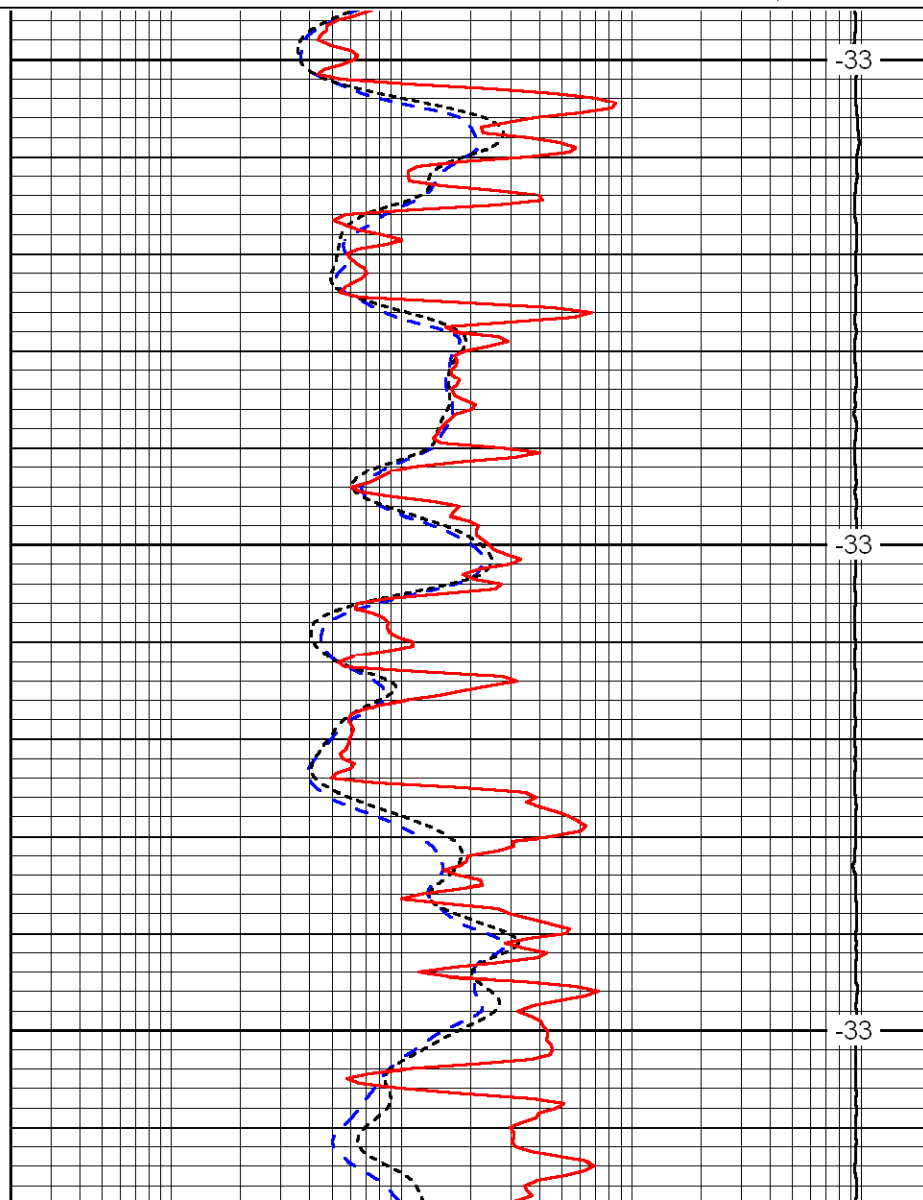
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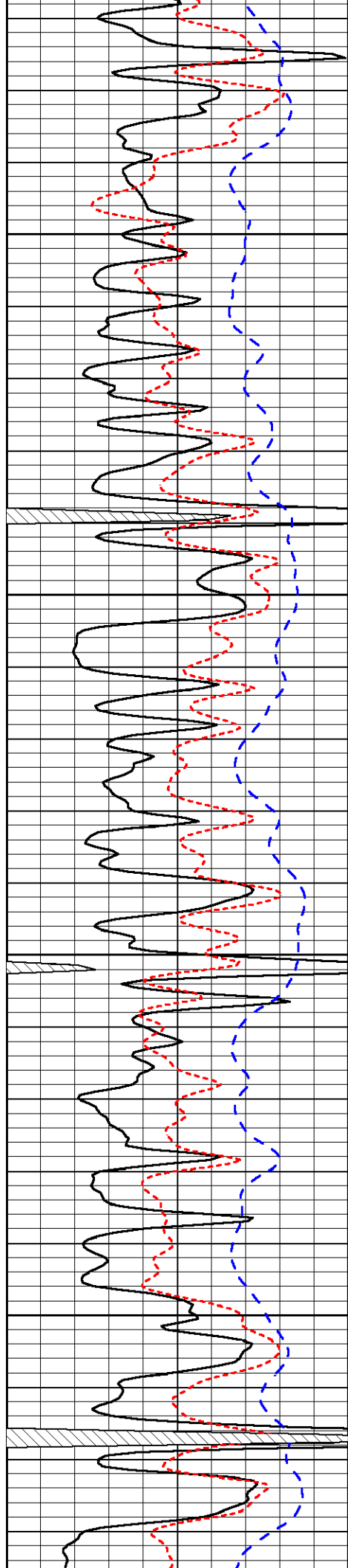
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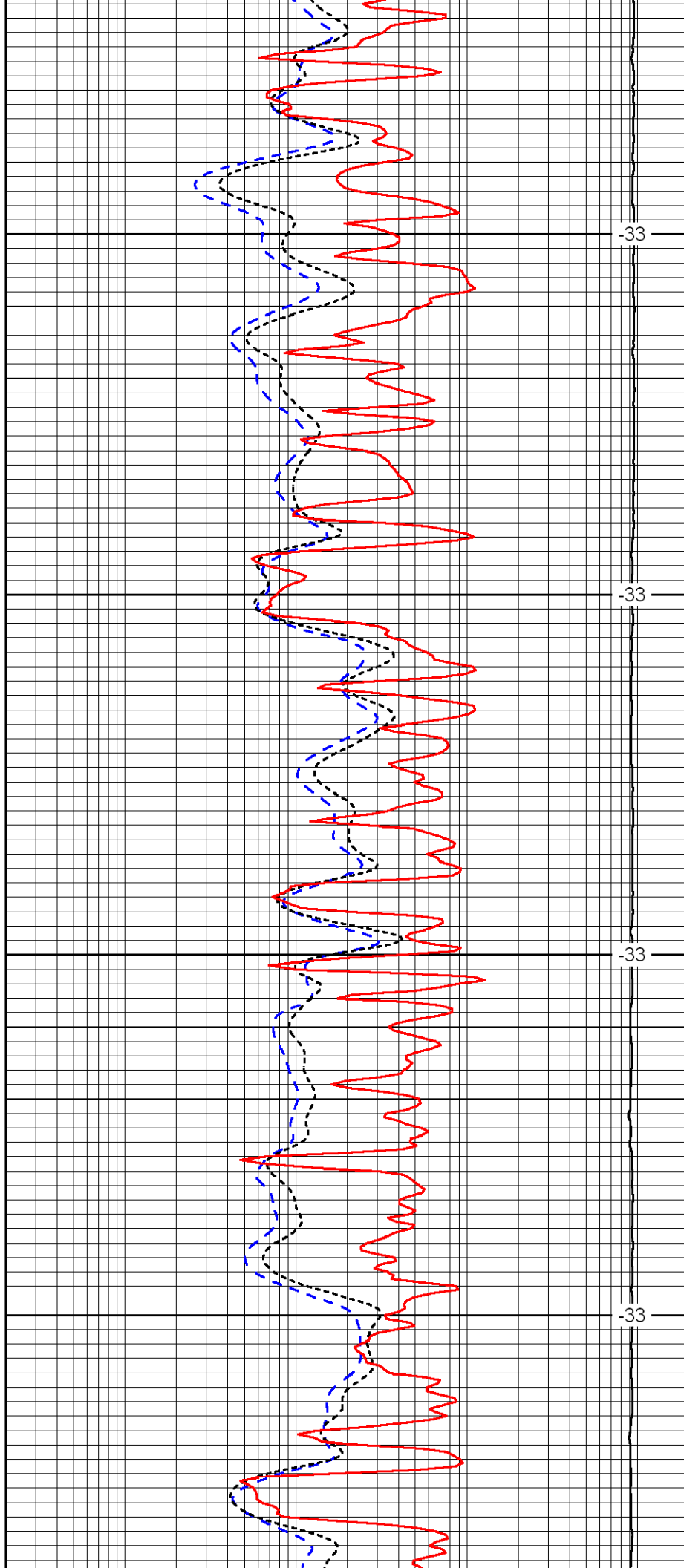


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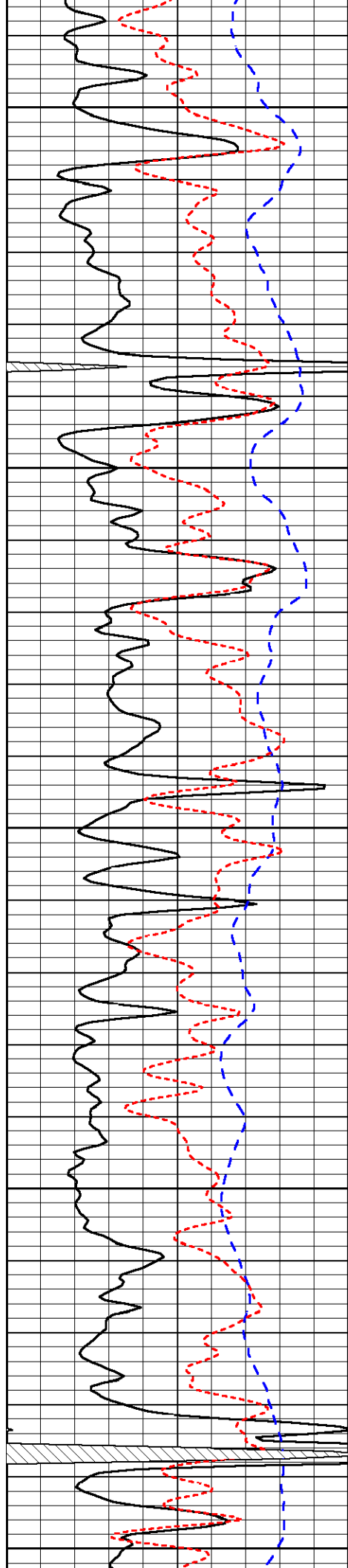


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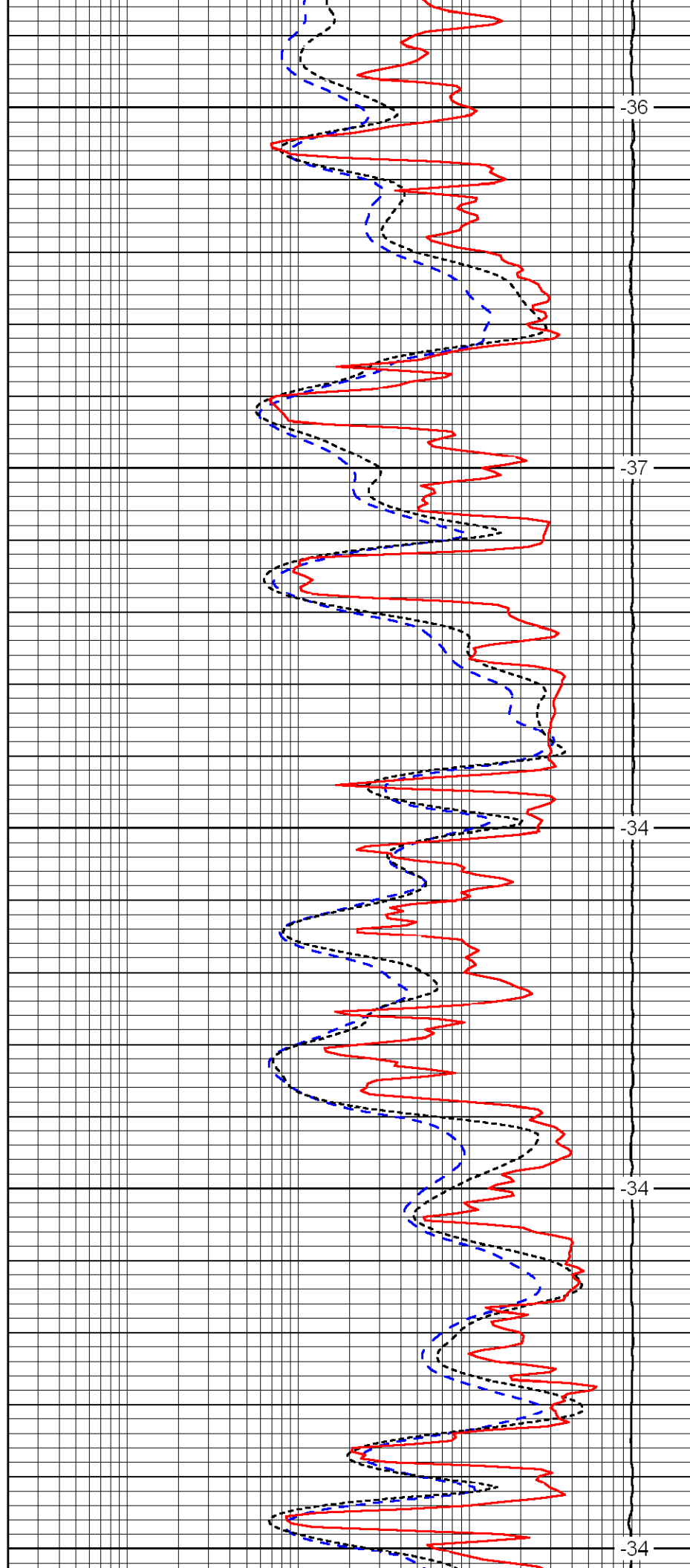
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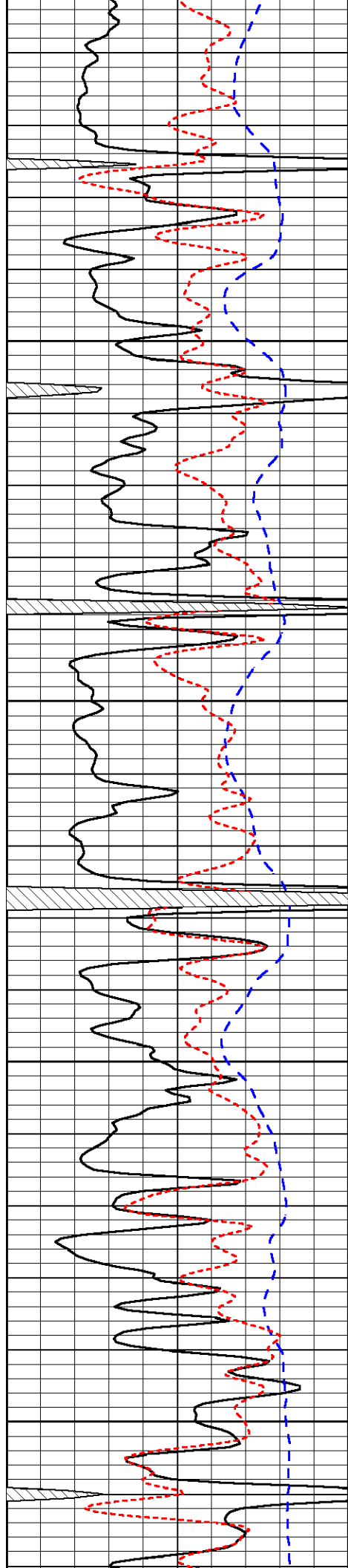
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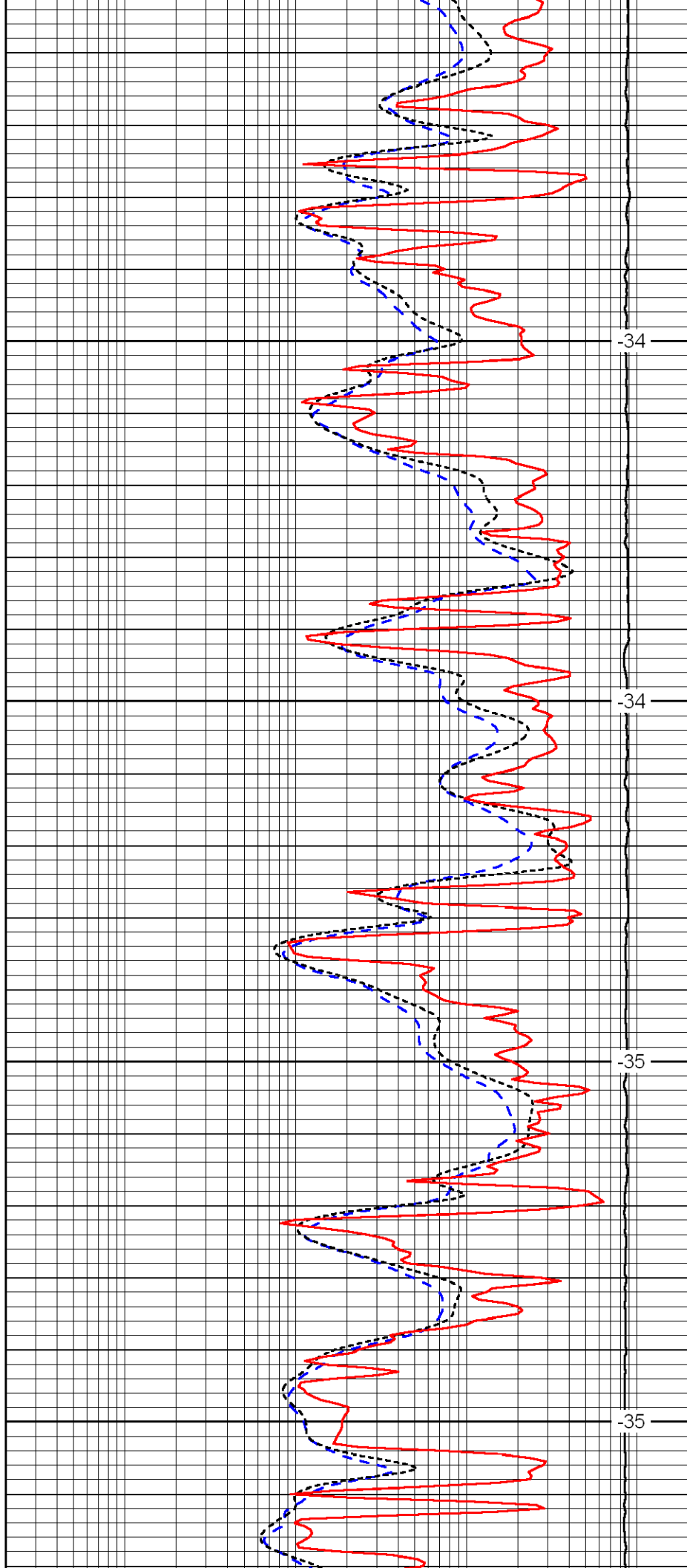


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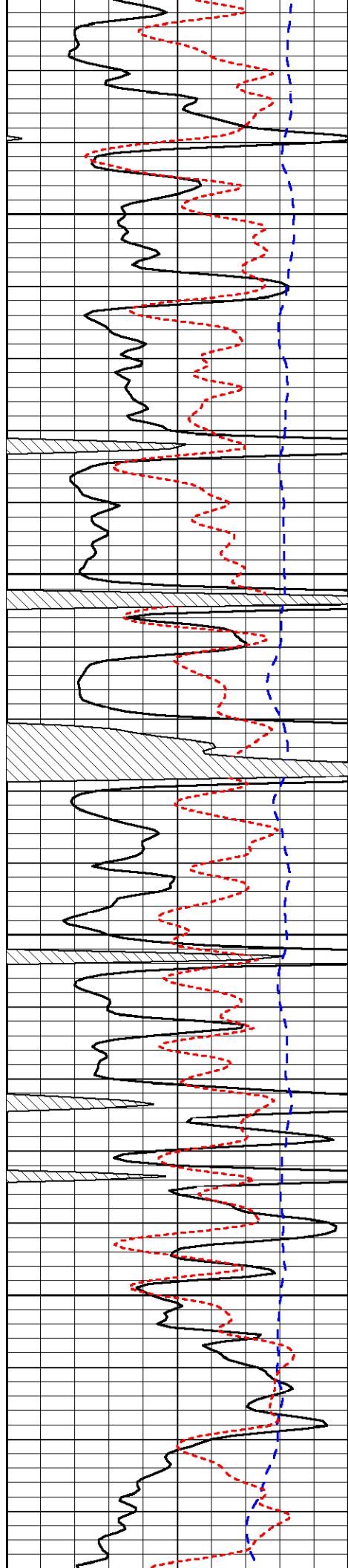


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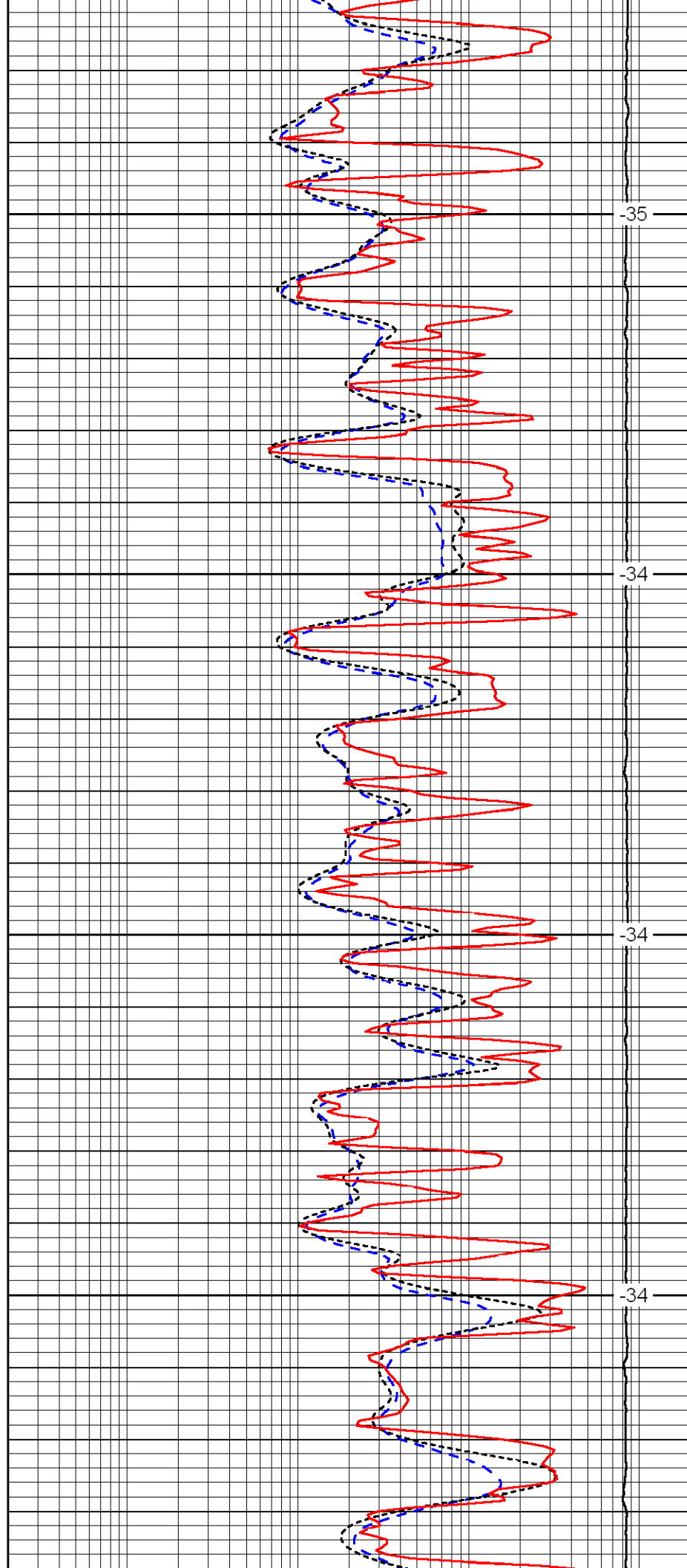


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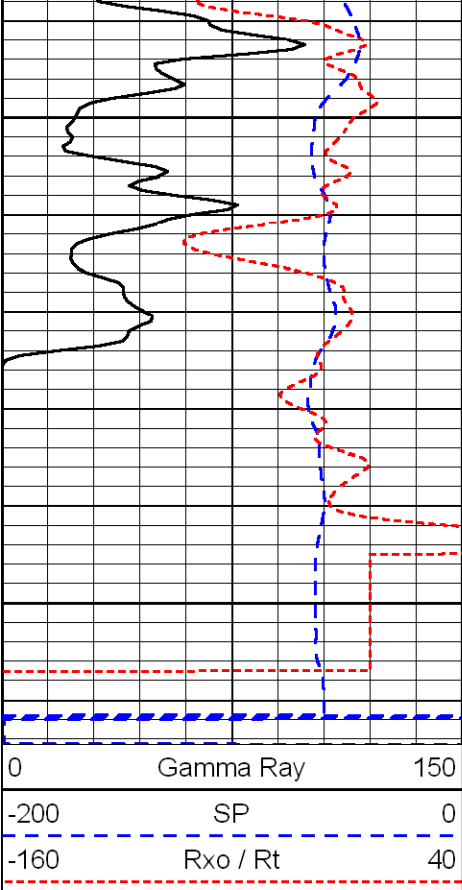


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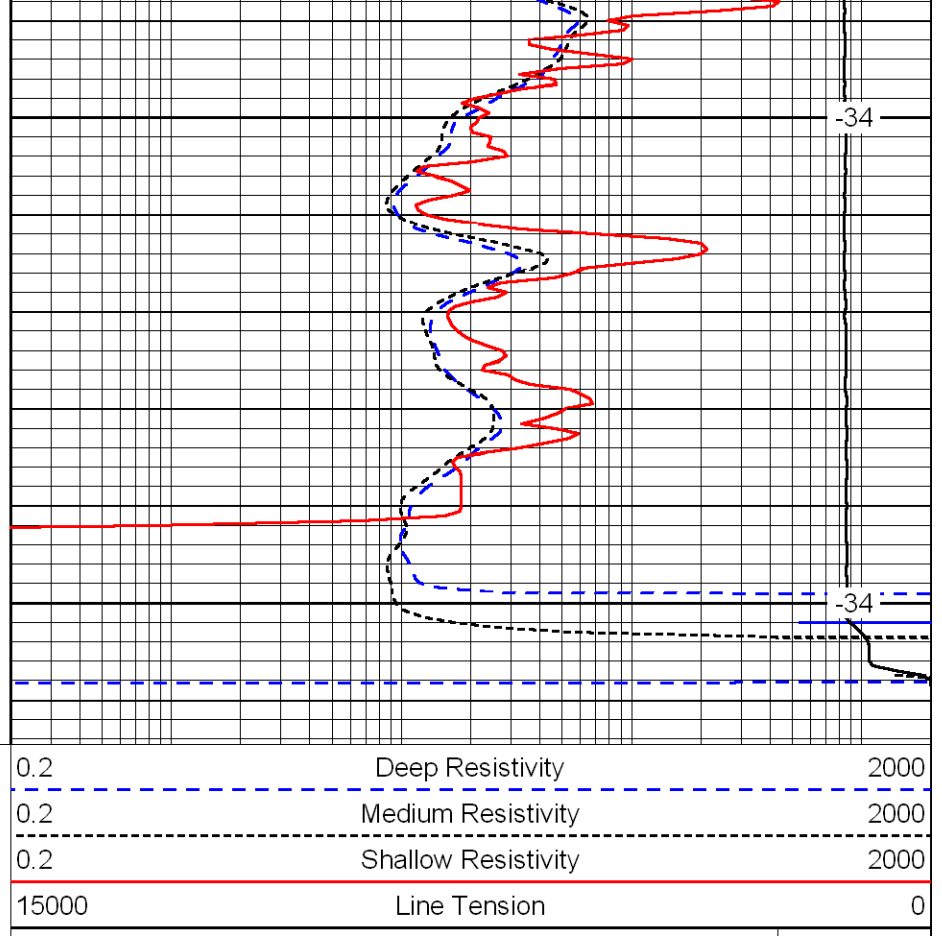
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LSPD