



Pioneer Energy Services

Dual Induction Log

API No.

15-083-21,811-00-00

Company Berexco, LLC.

Well Terry #1-31

Field Wildcat

County Hodgeman State

Kansas

Location

NE NW SW NE
1615' FNL & 2280' FEL

Sec: 31

Twp: 23 S

Rge: 23 W

Elevation

Permanent Datum Ground Level Elevation 2447
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2460
D.F. 2447
G.L. 2447

Date

7/30/2012

Run Number

One

Depth Driller

4810

Depth Logger

4816

Bottom Logged Interval

4815

Top Log Interval

250

Casing Driller

8.625 @ 285

Casing Logger

280

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6,000

Density / Viscosity

9.3

48

pH / Fluid Loss

9.5

9.2

Source of Sample

Flowline

Rm @ Meas. Temp

.70 @ 80

Rmf @ Meas. Temp

.53 @ 80

Rmc @ Meas. Temp

.95 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

.44 @ 126

Operating Rig Time

4 Hours

Max Rec. Temp. F

126

Equipment Number

91

Location

Hays

Recorded By

K. Bange

Witnessed By

David Gould

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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

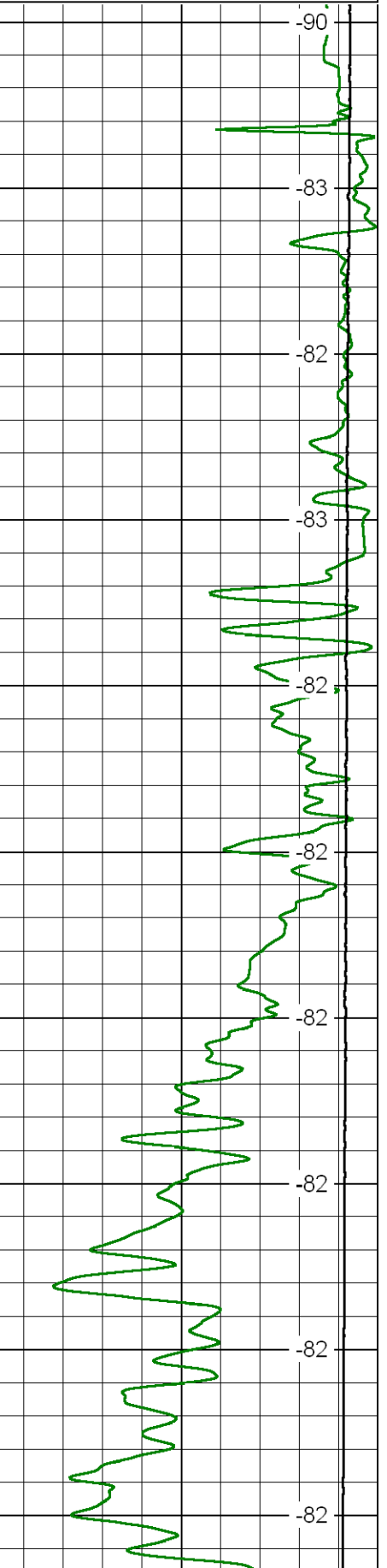
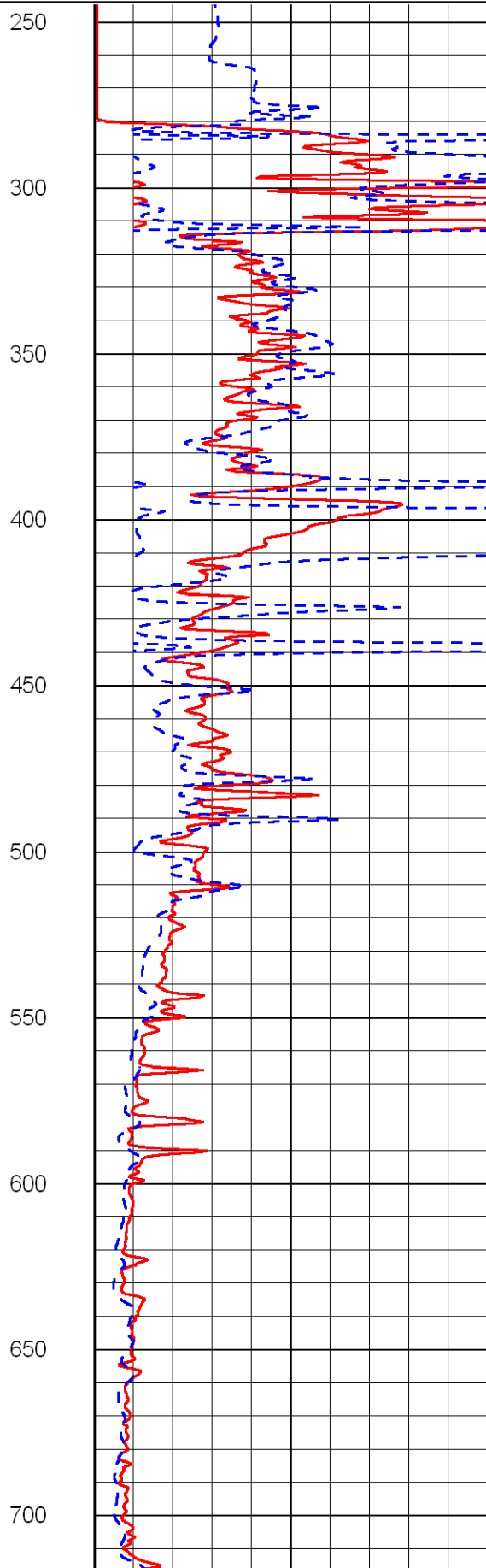
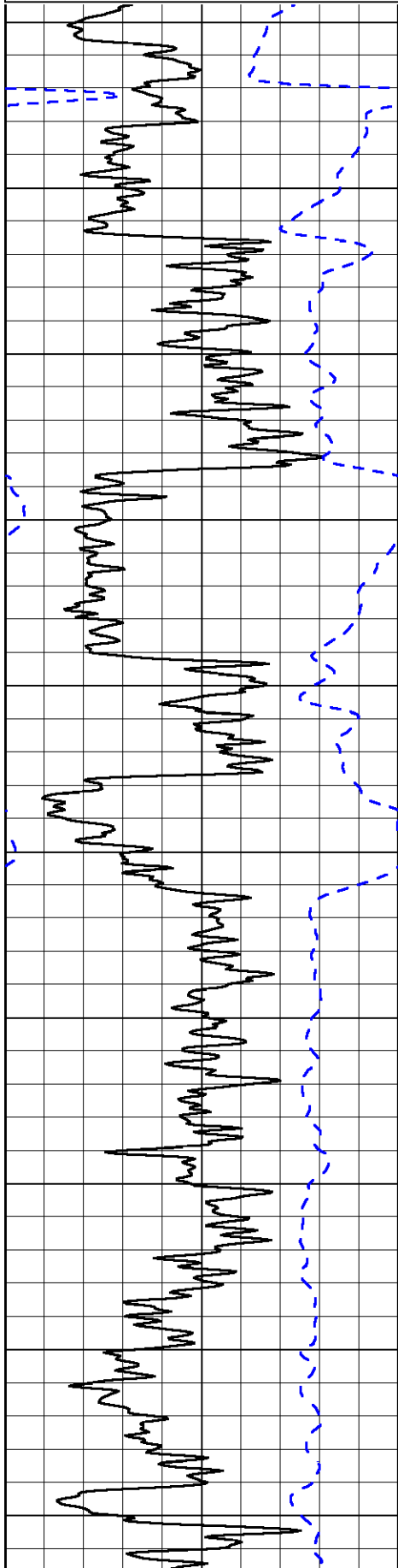
Thank you for using Log-Tech, Inc.
(785) 625-3858
Jetmore, KS., 5 S to G rd,
1 E, 1/2 N,
1/2 W (on lease rd),
N into

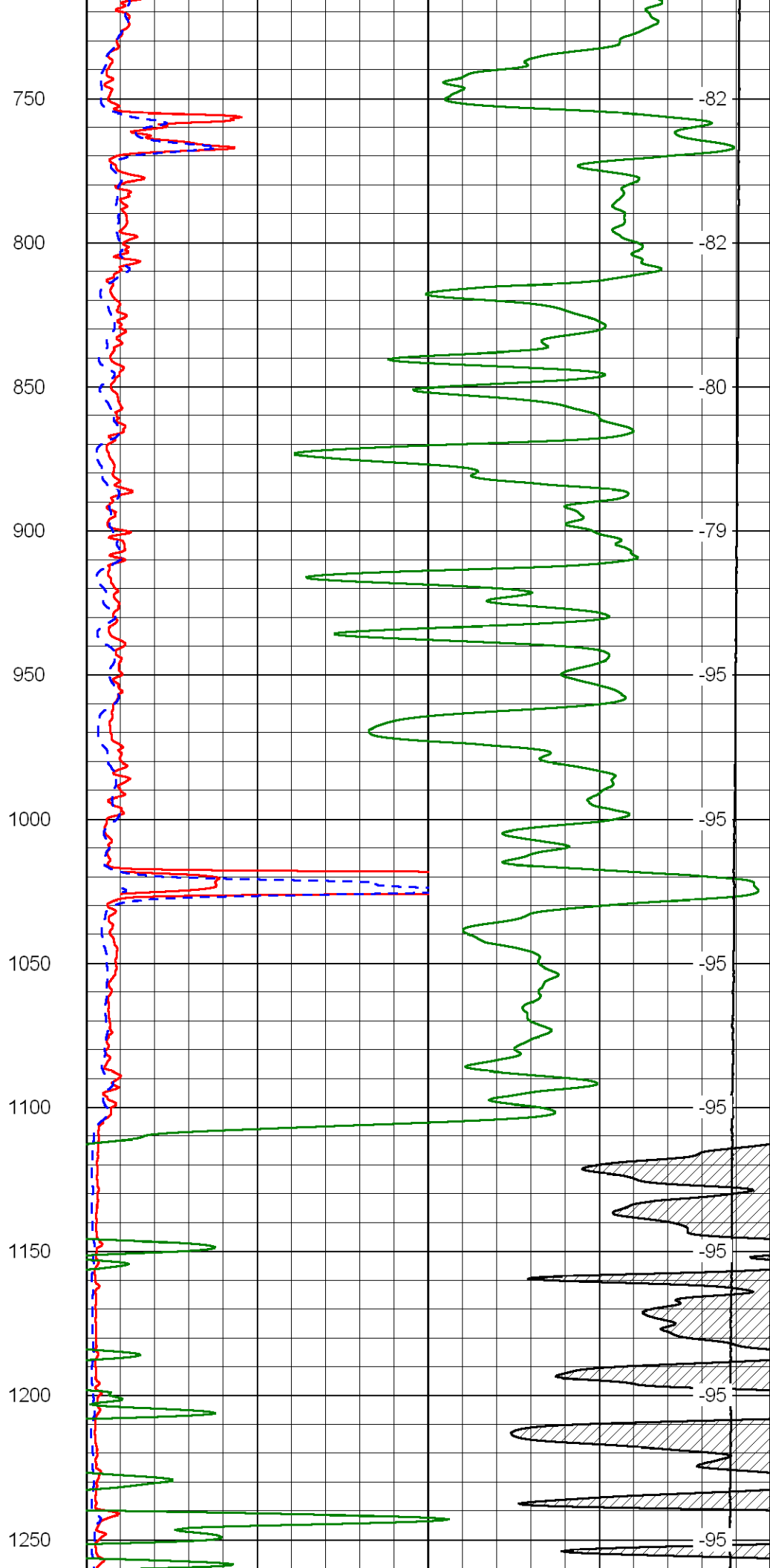
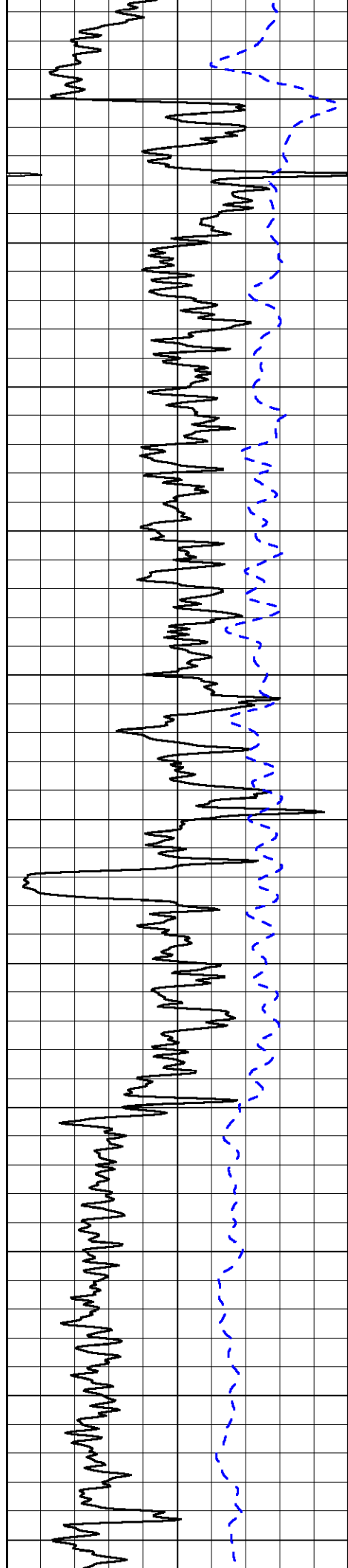
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Dataset Creation: Mon Jul 30 16:55:23 2012
Charted by: Depth in Feet scaled 1:600

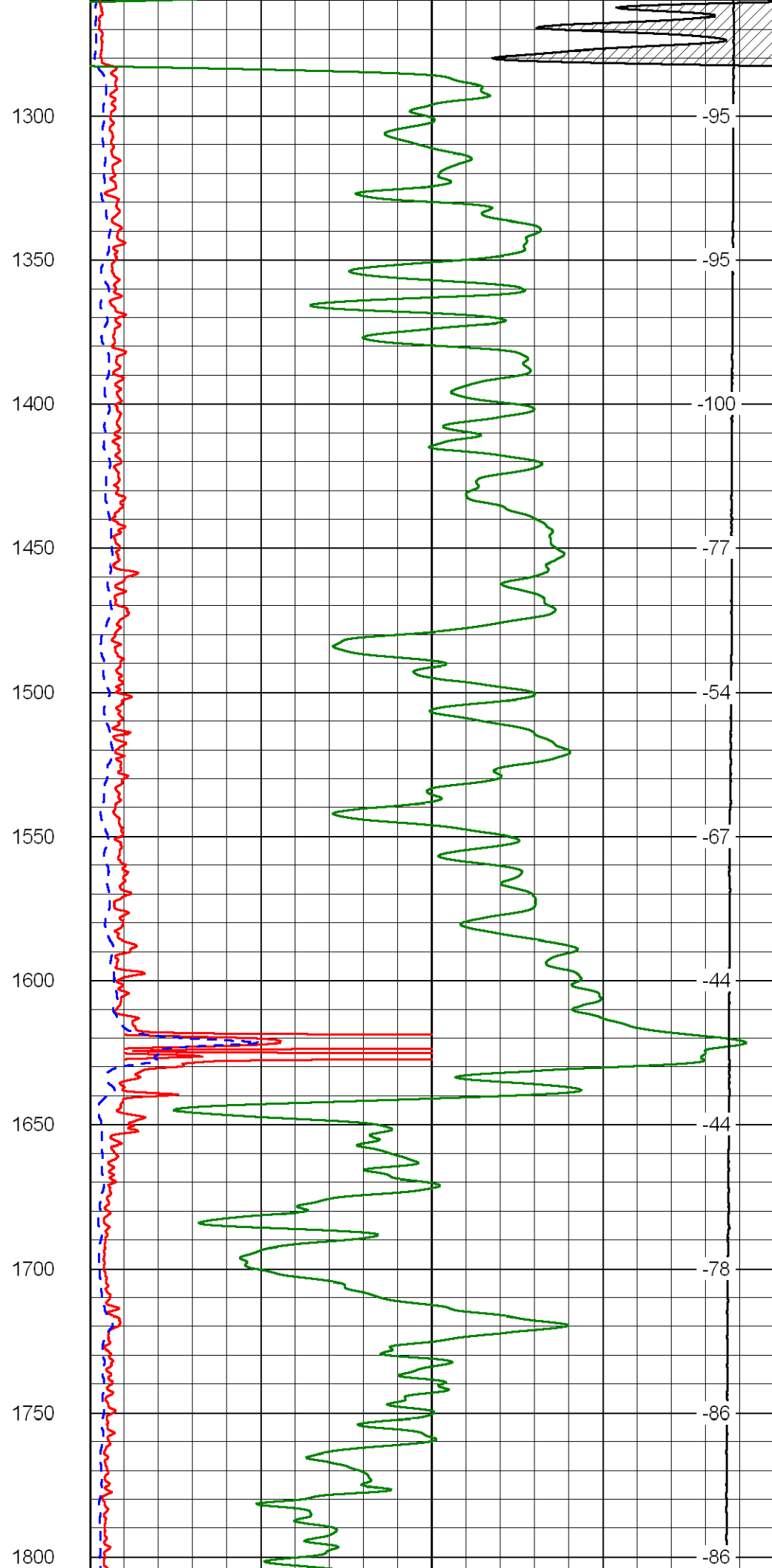
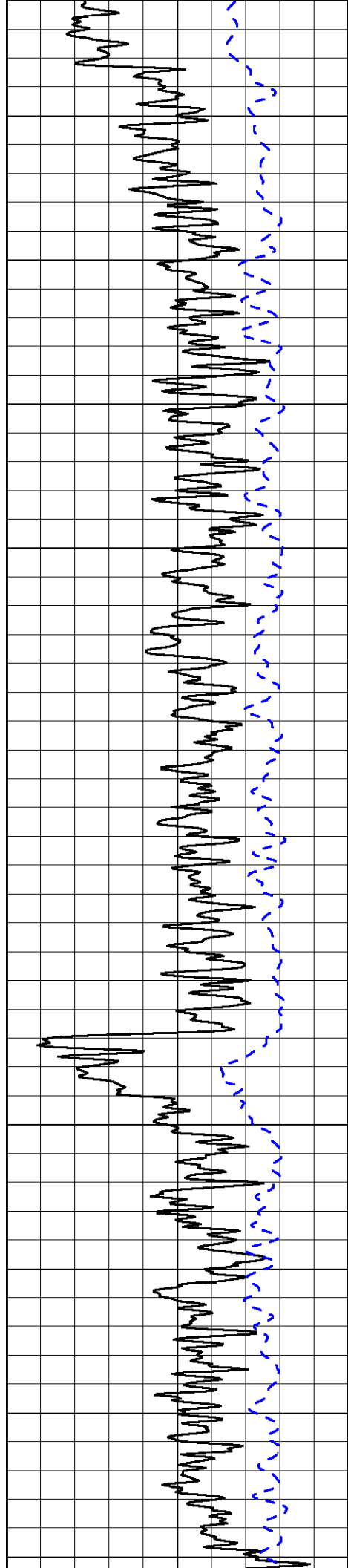
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-200	SP	0

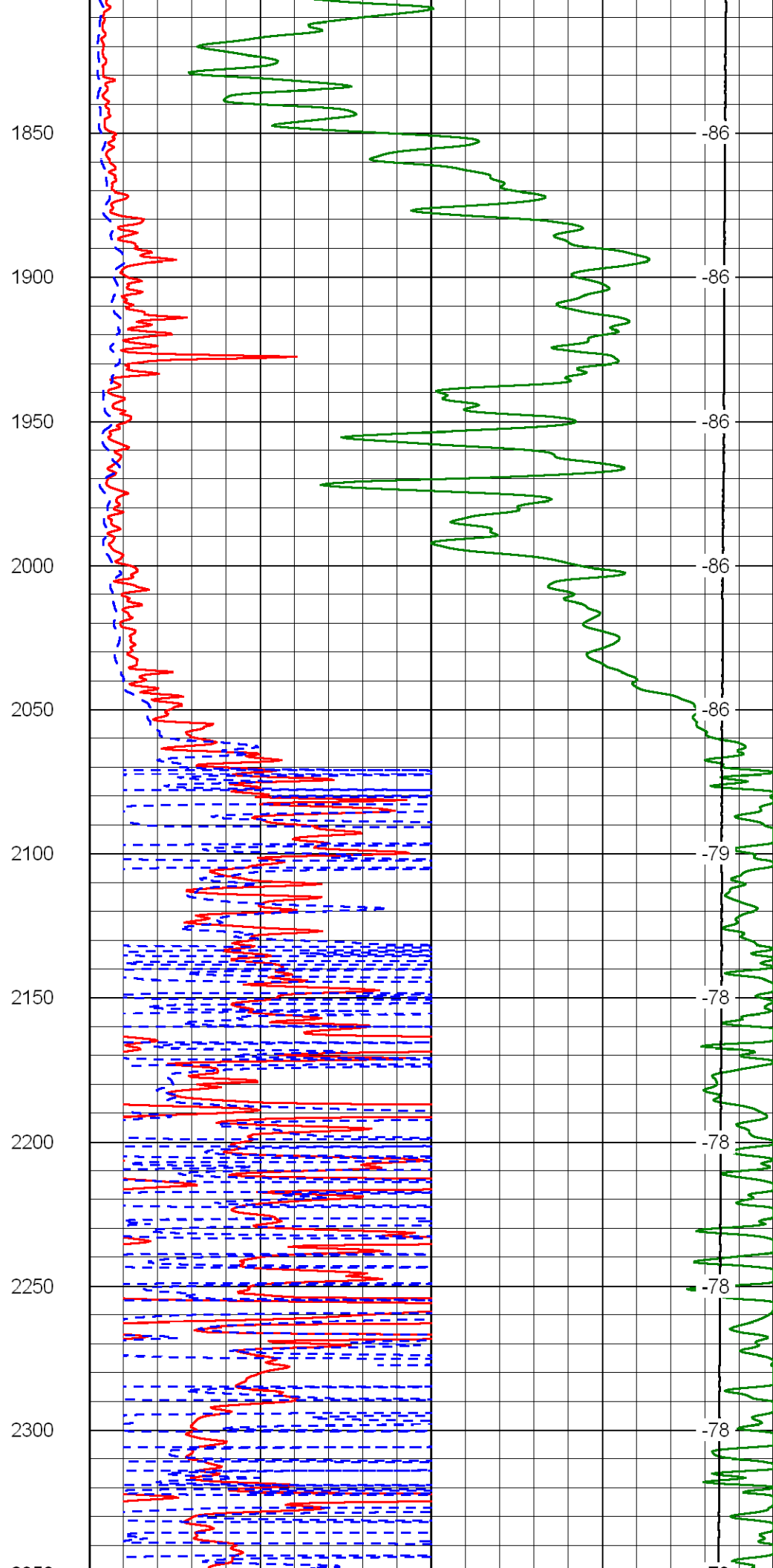
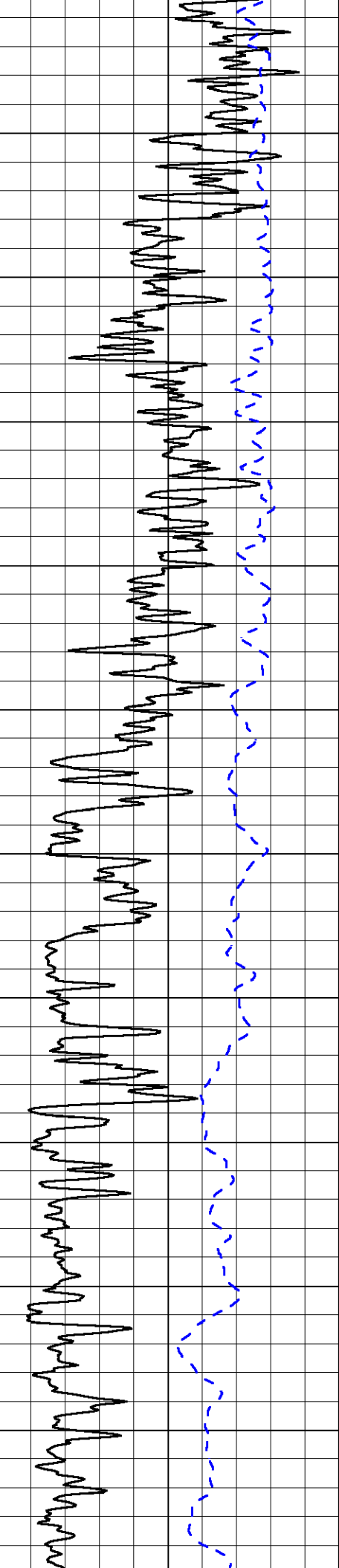
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15000	Line Tension	0

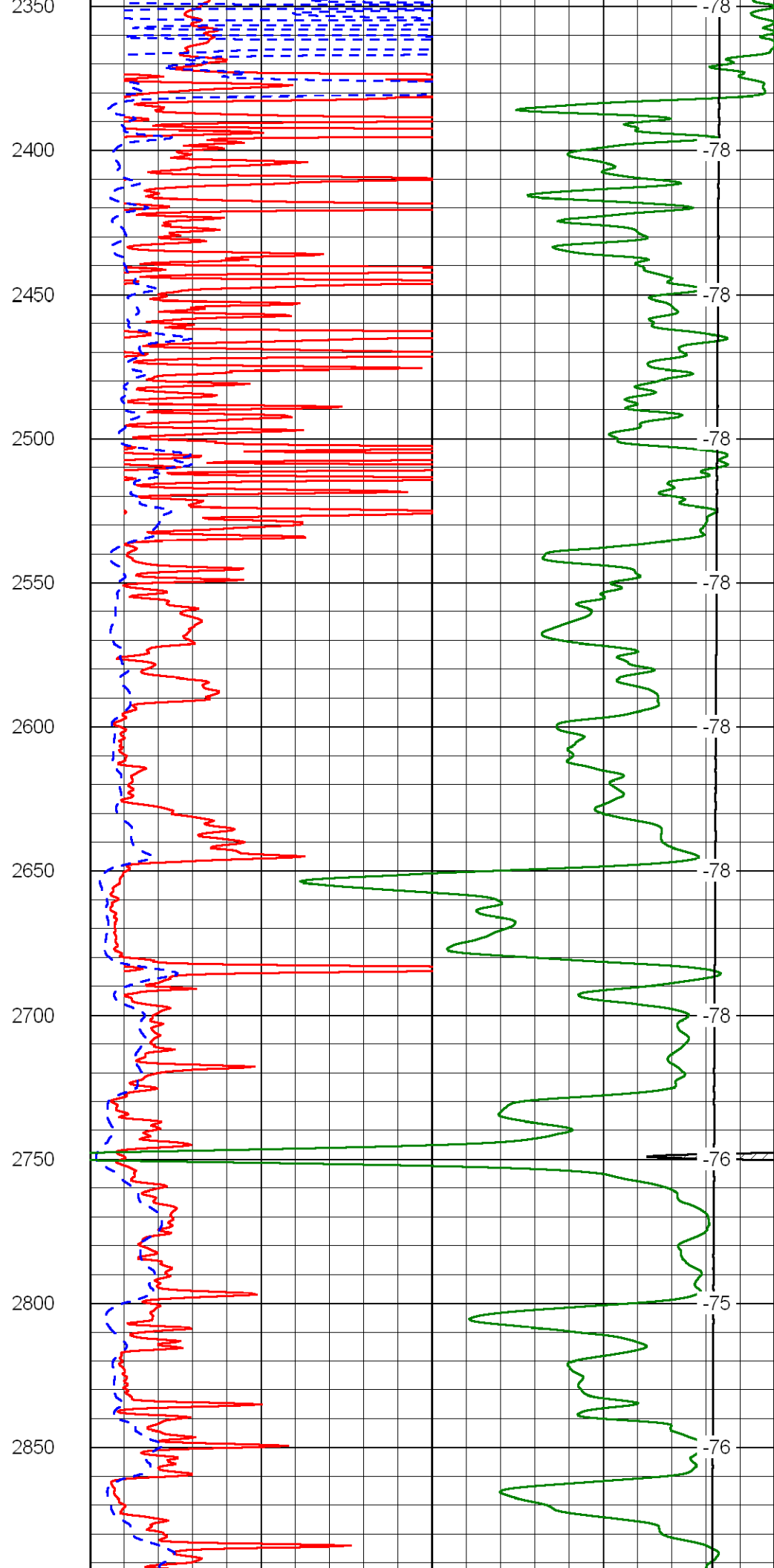
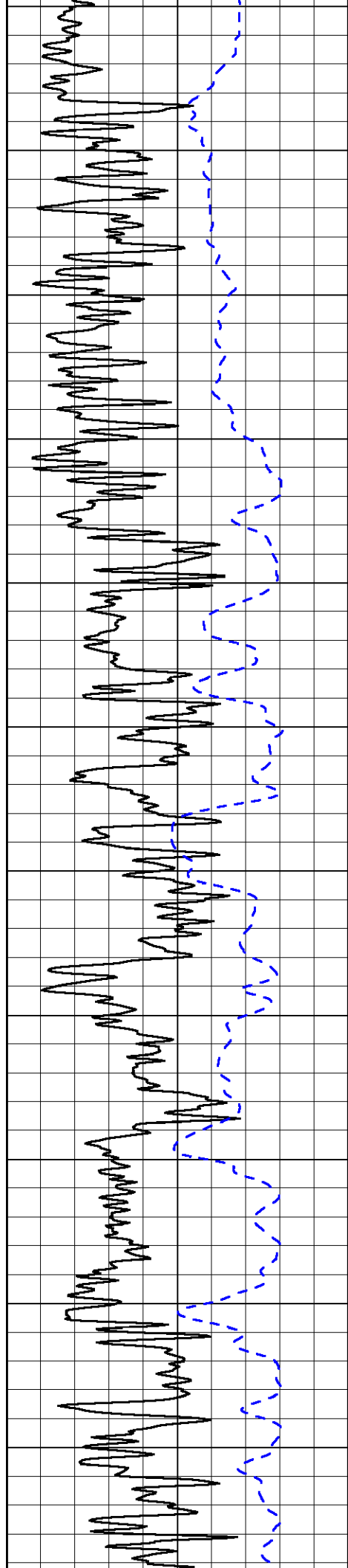
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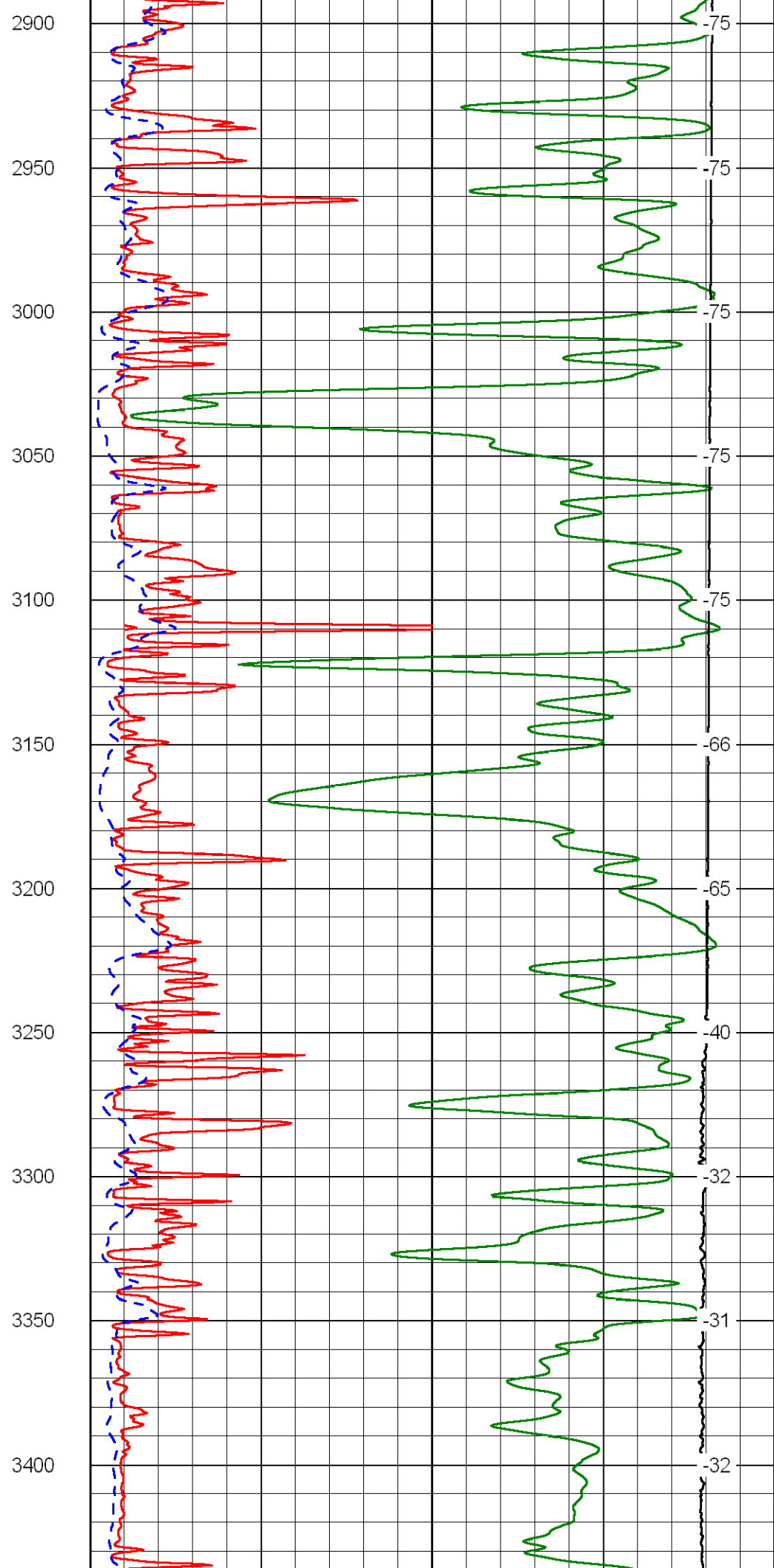
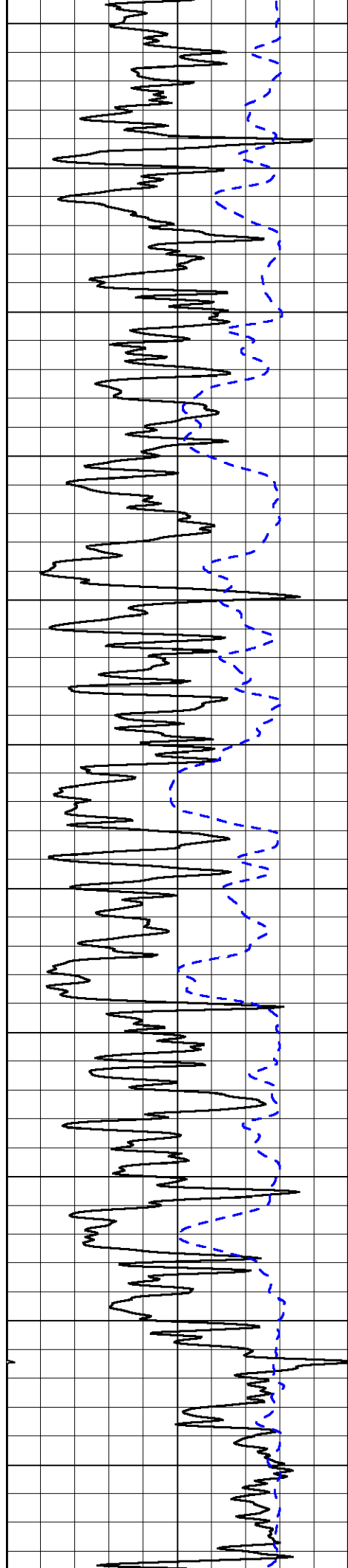


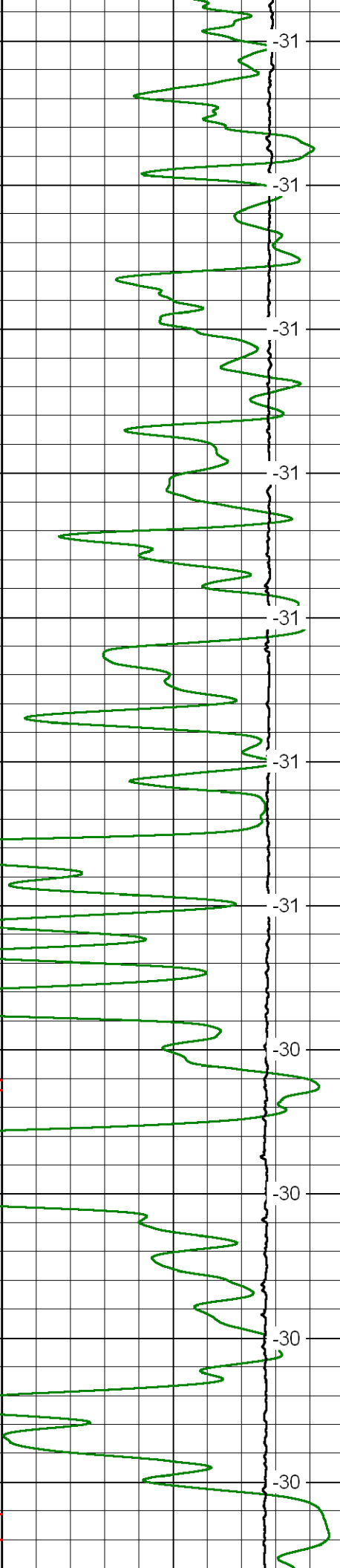
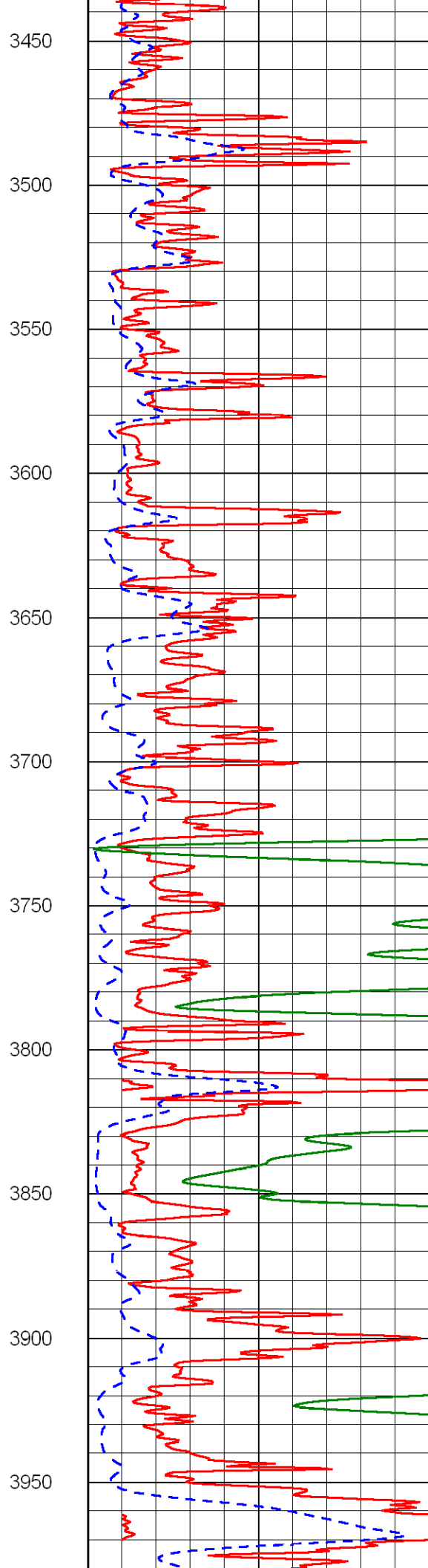
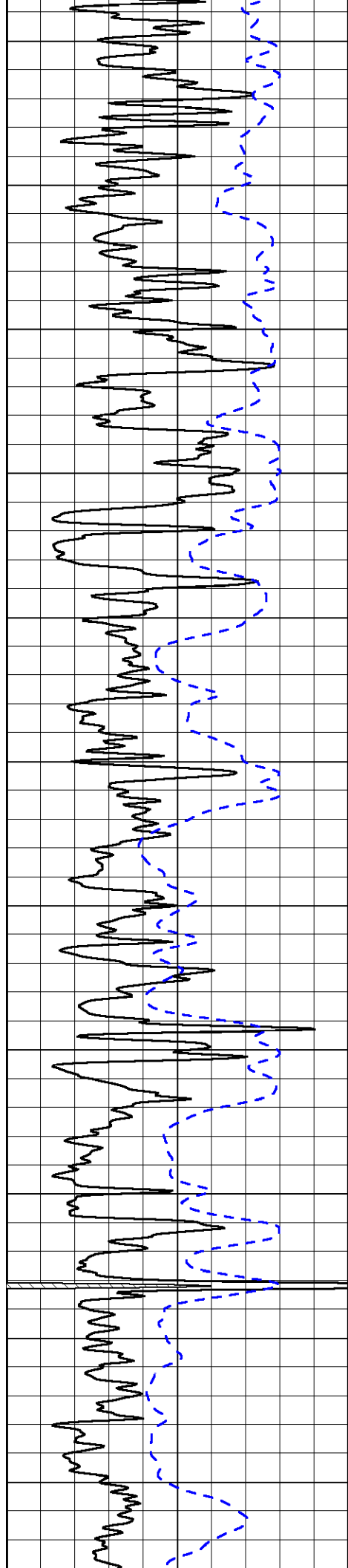


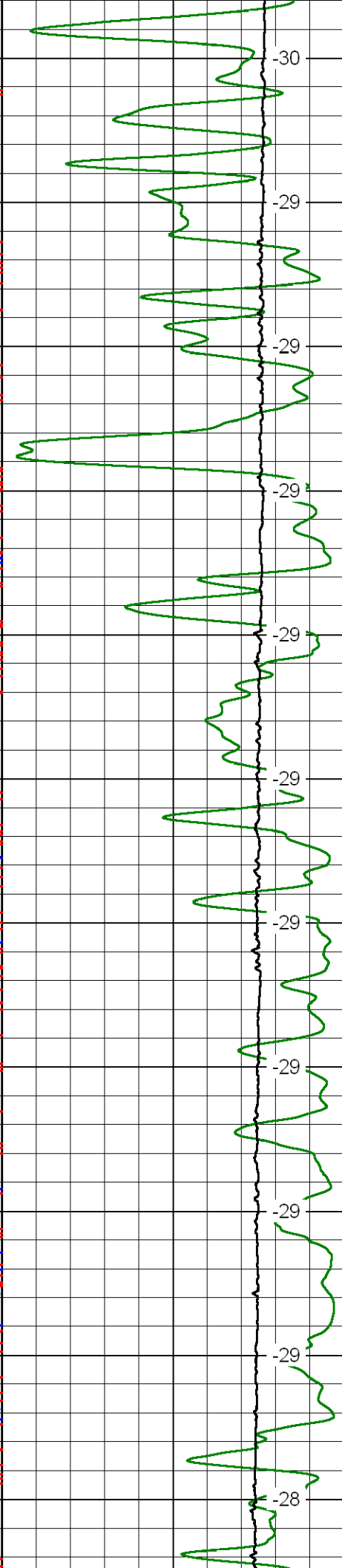
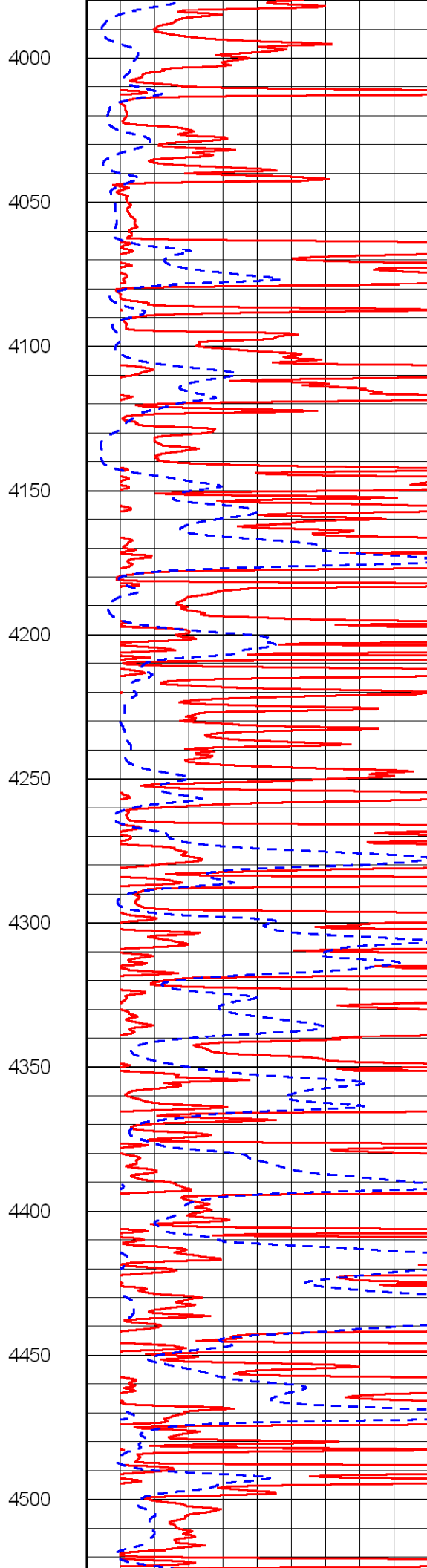
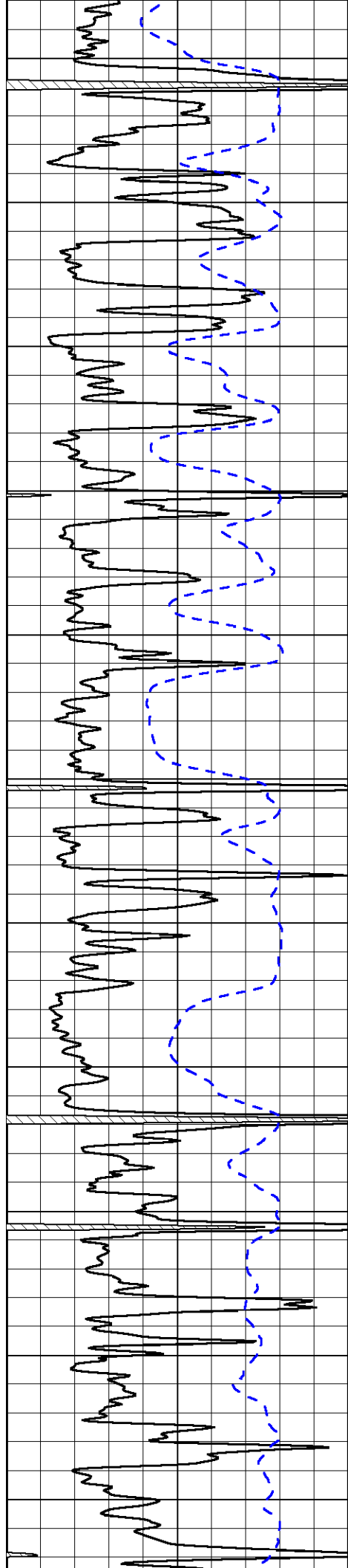


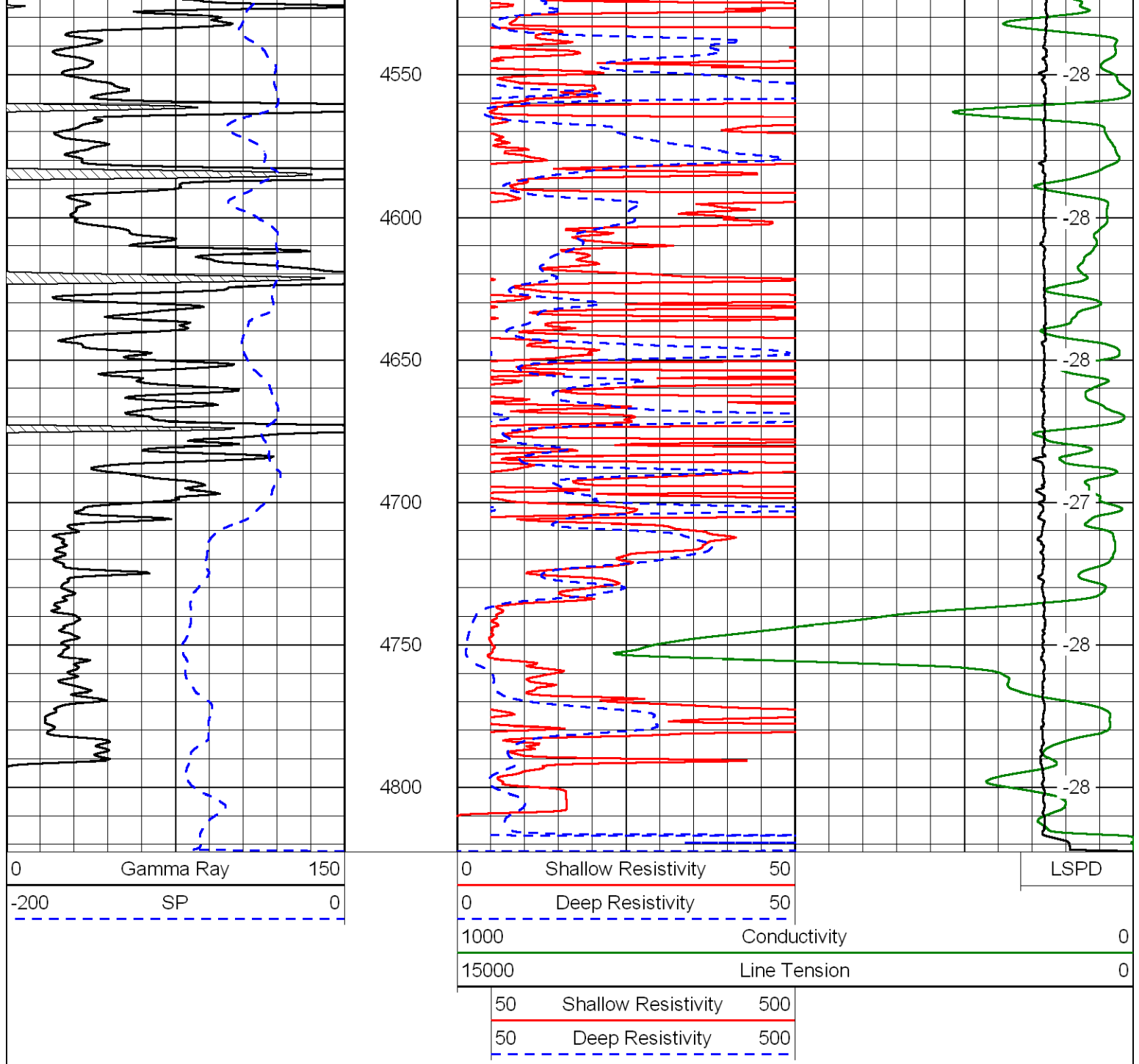




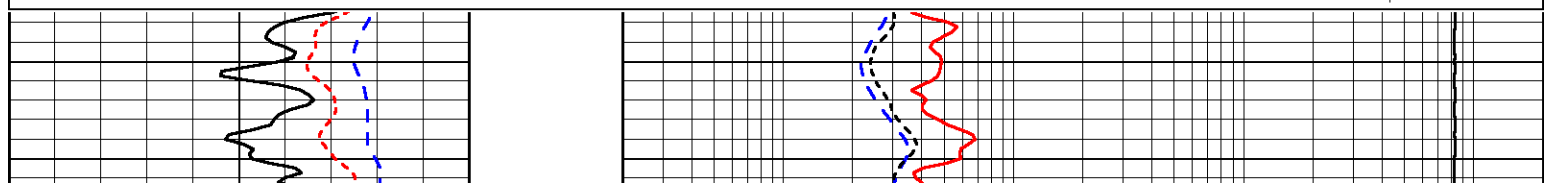
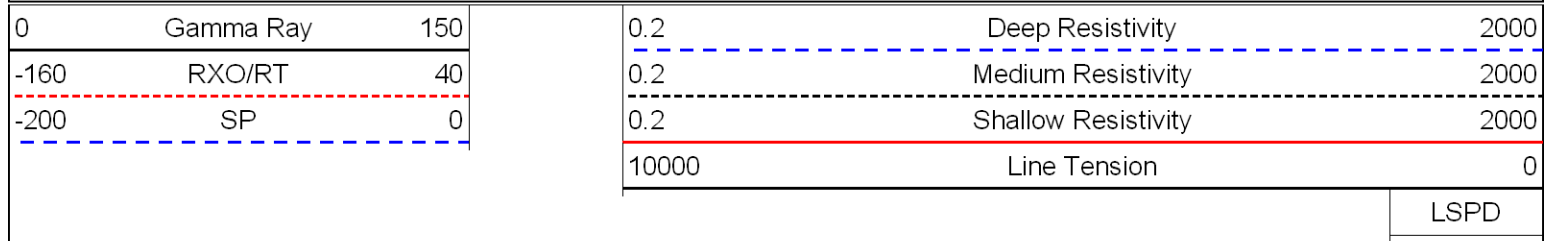


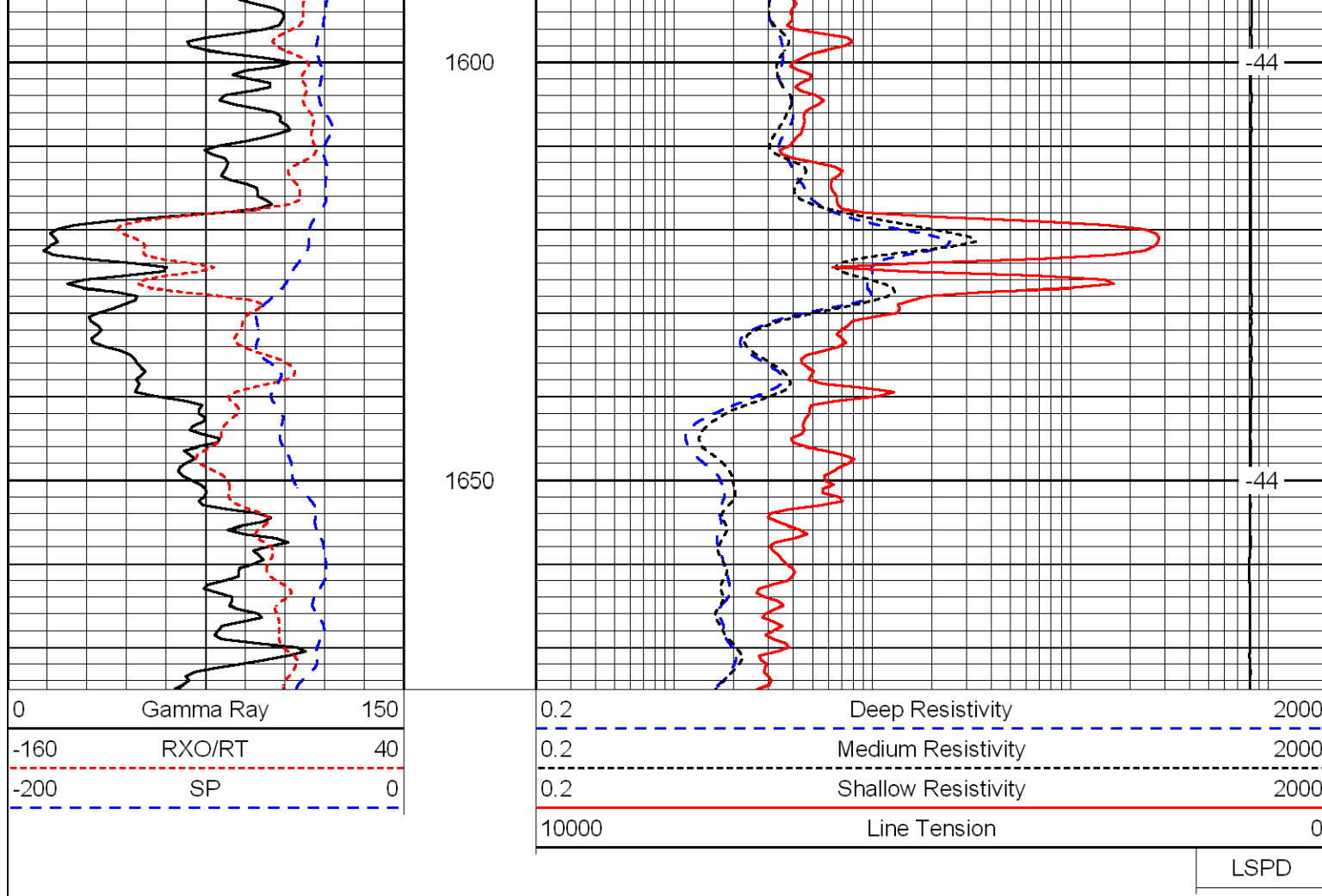




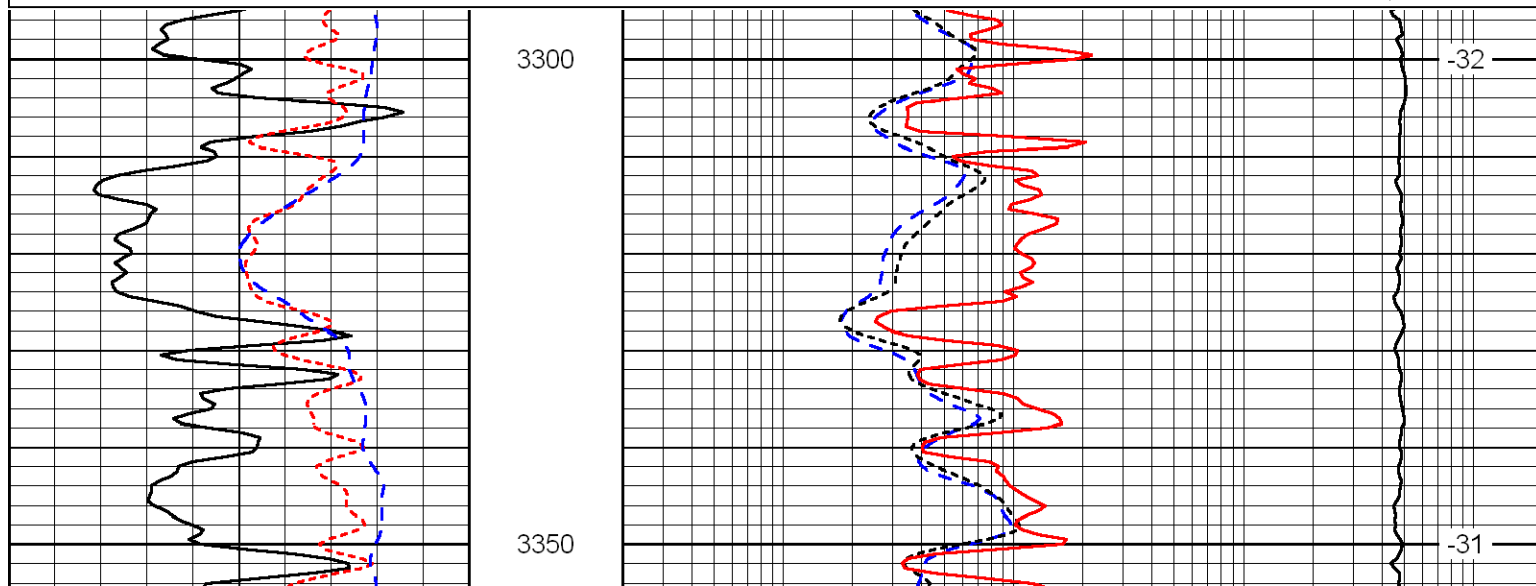
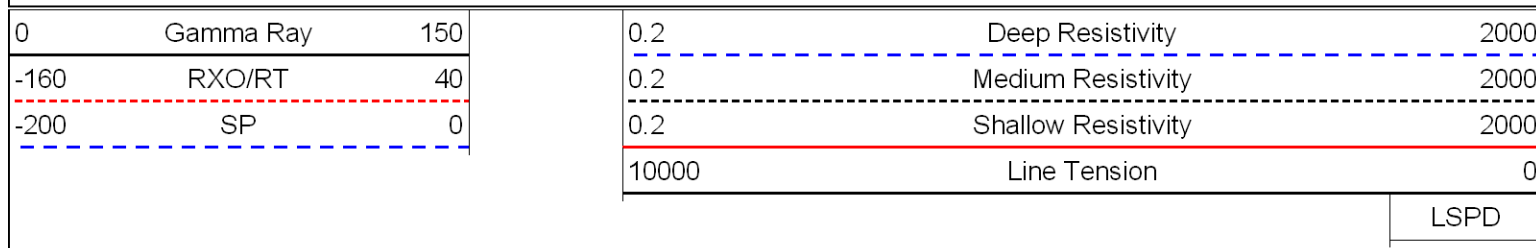


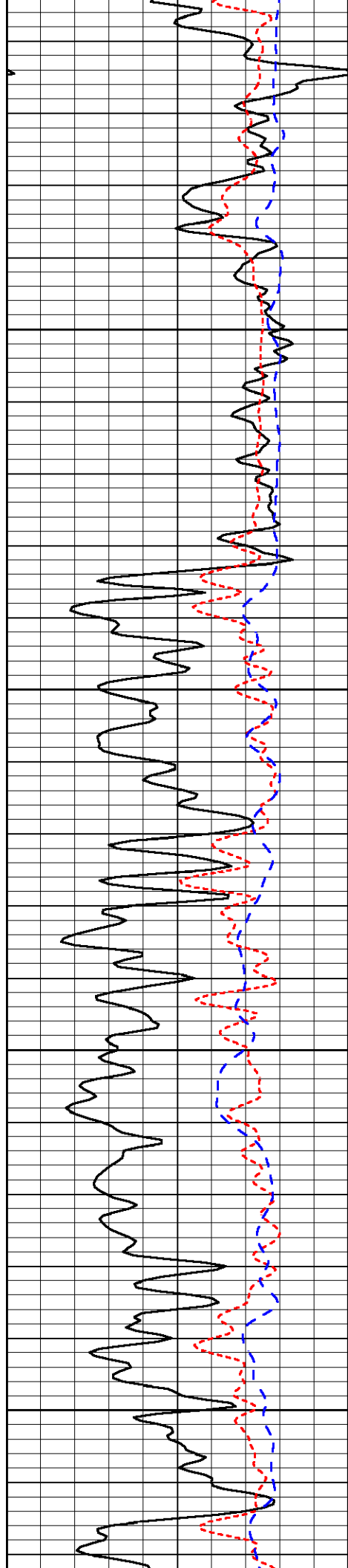
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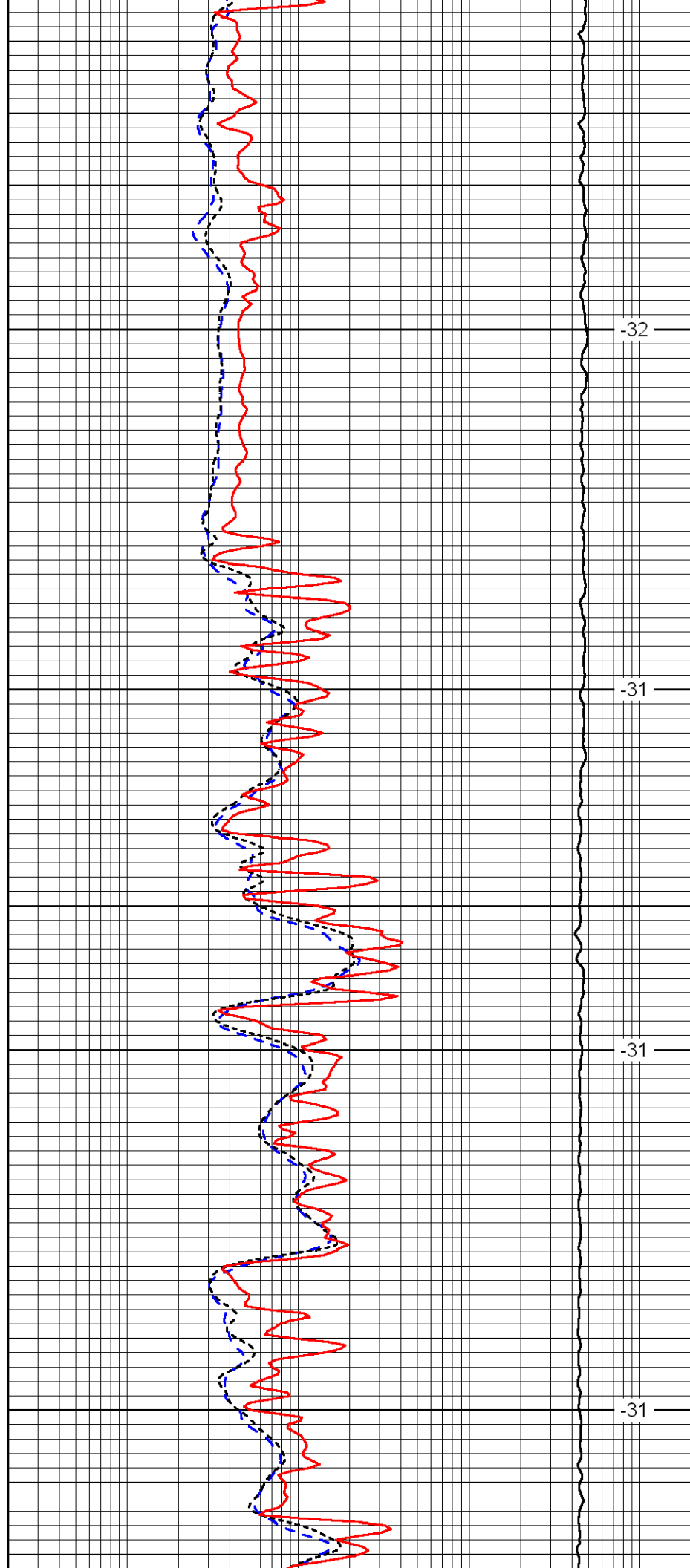


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3450

3500

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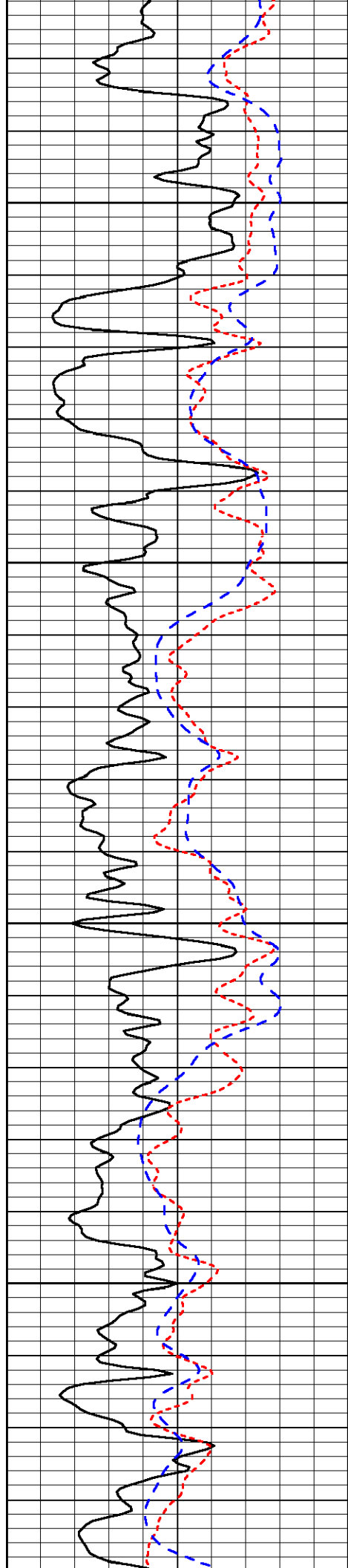


-32

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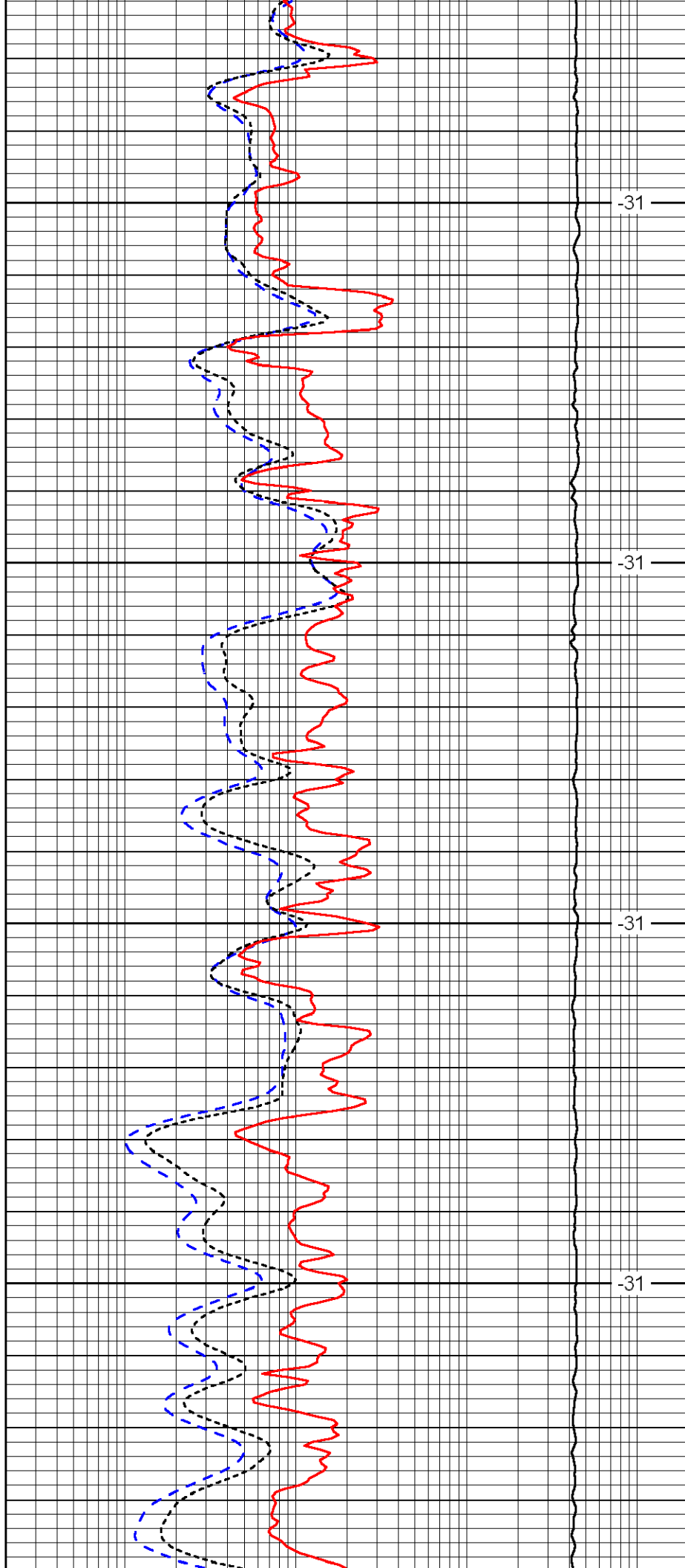


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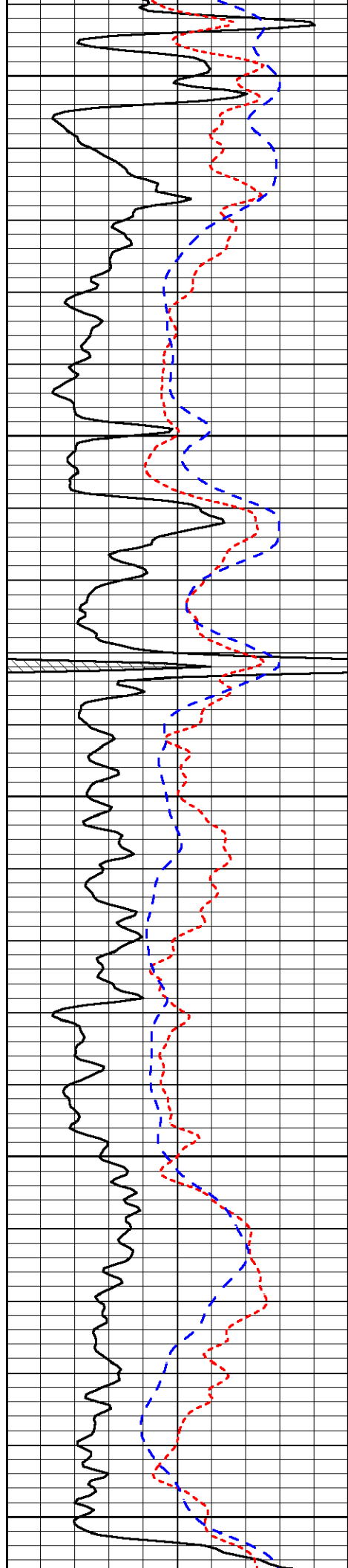


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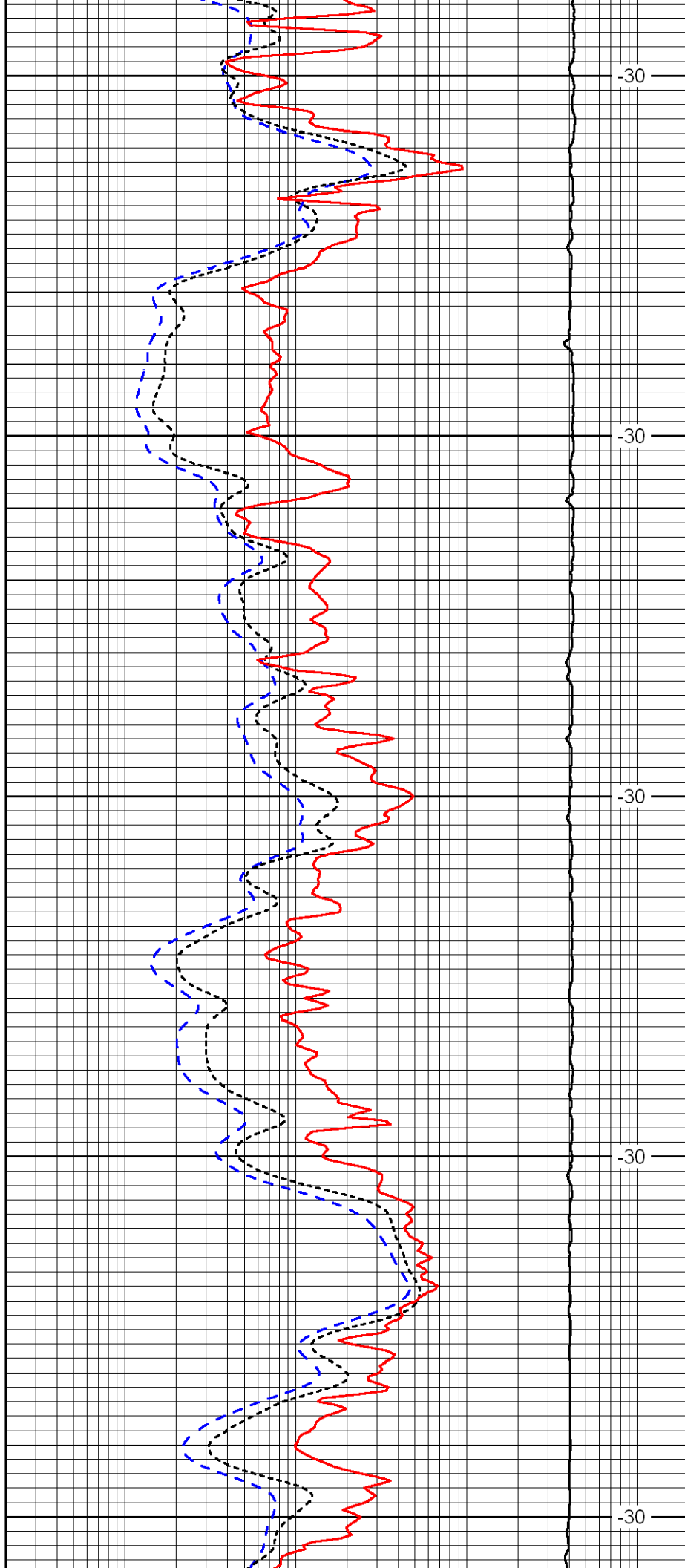
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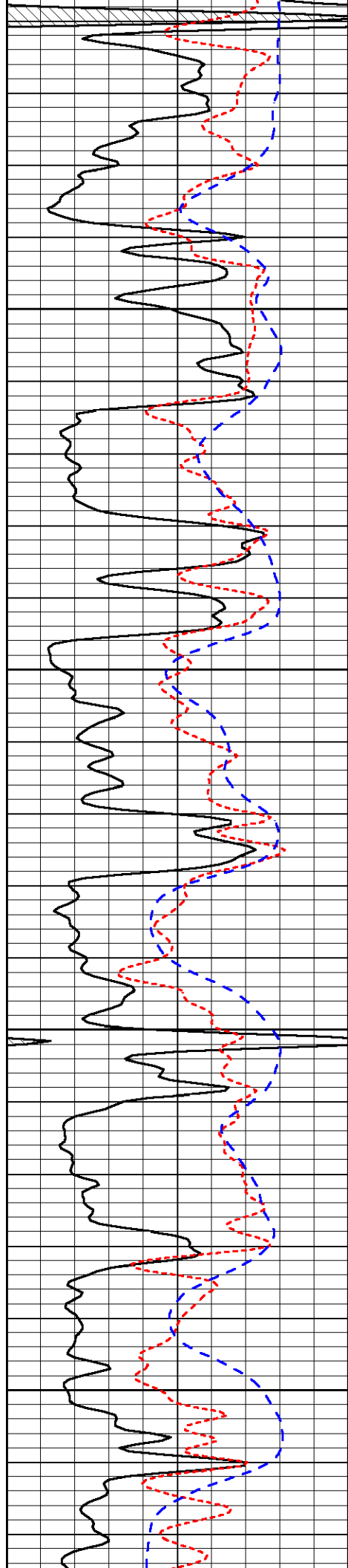
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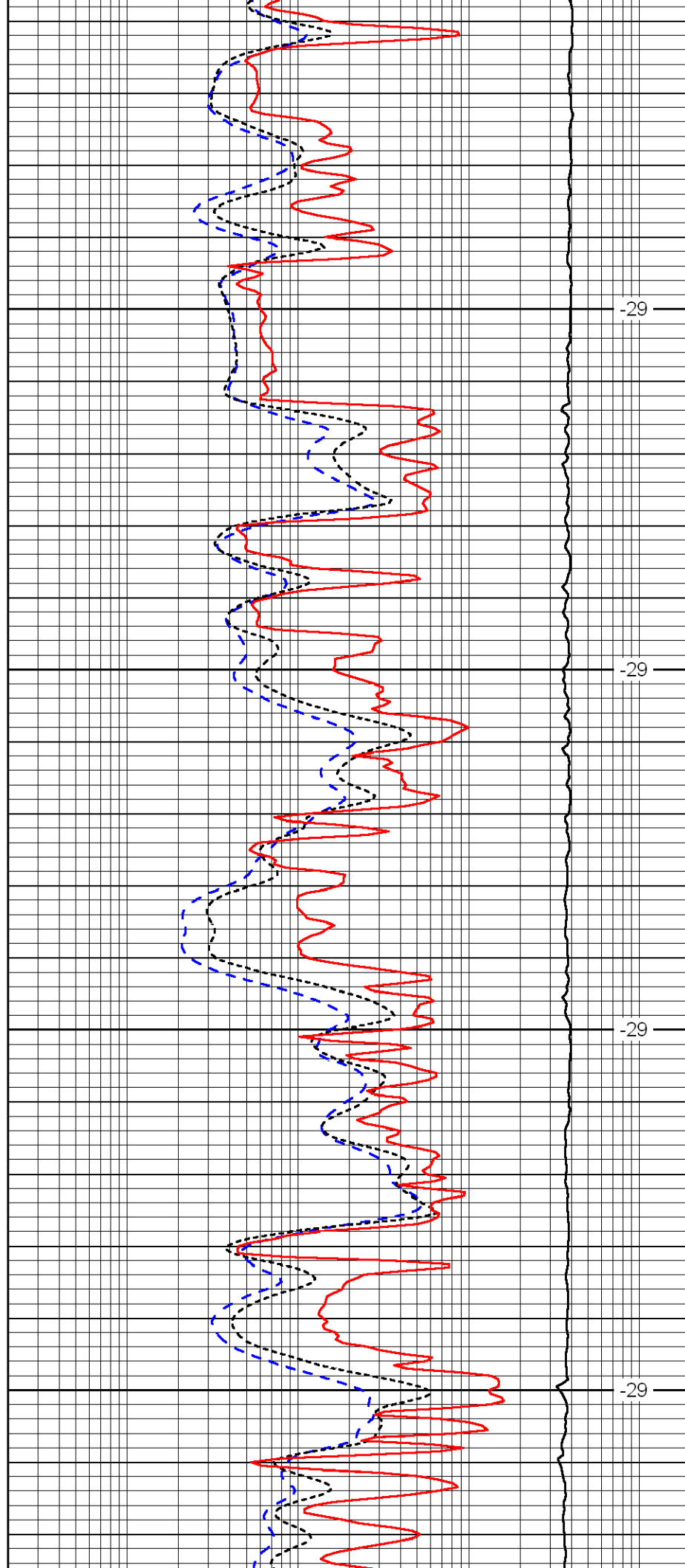


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4200

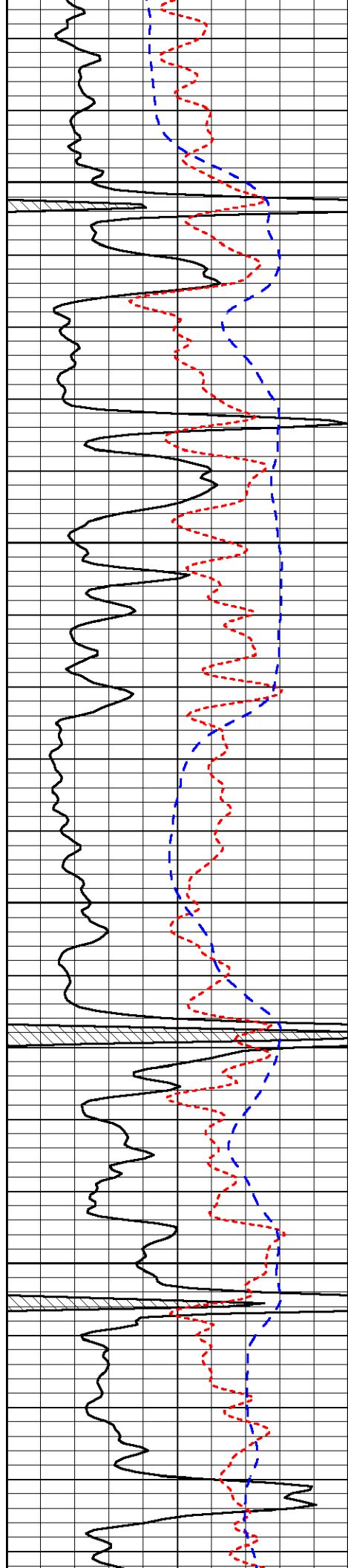


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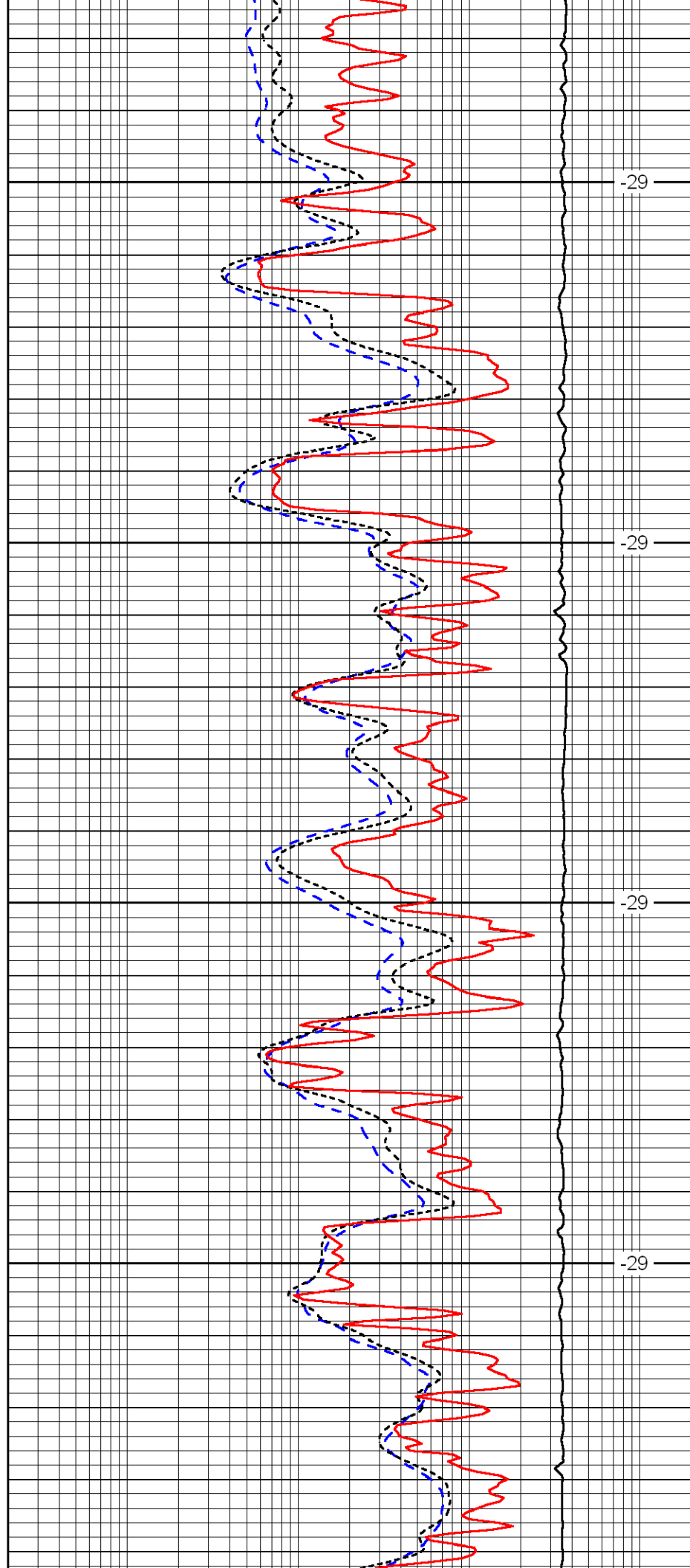


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4400

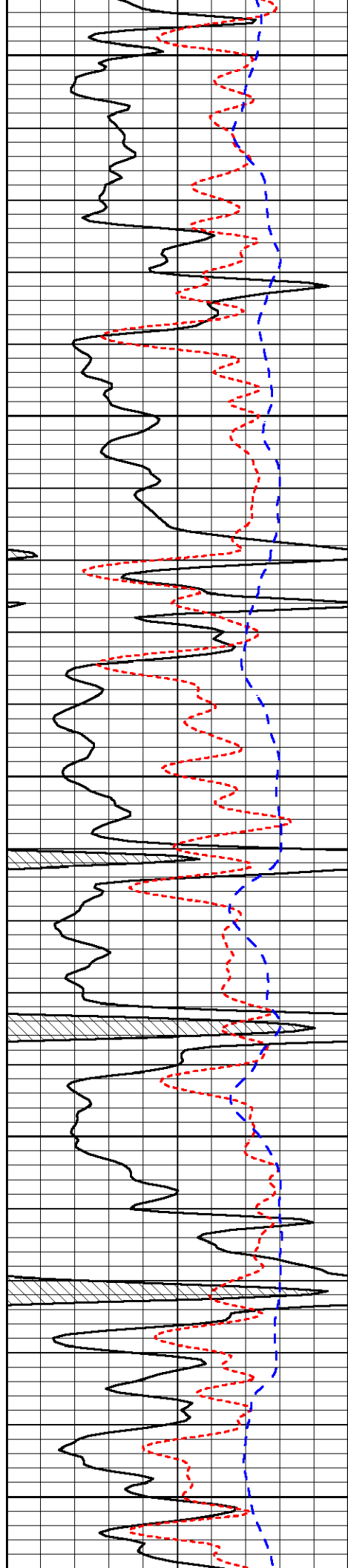


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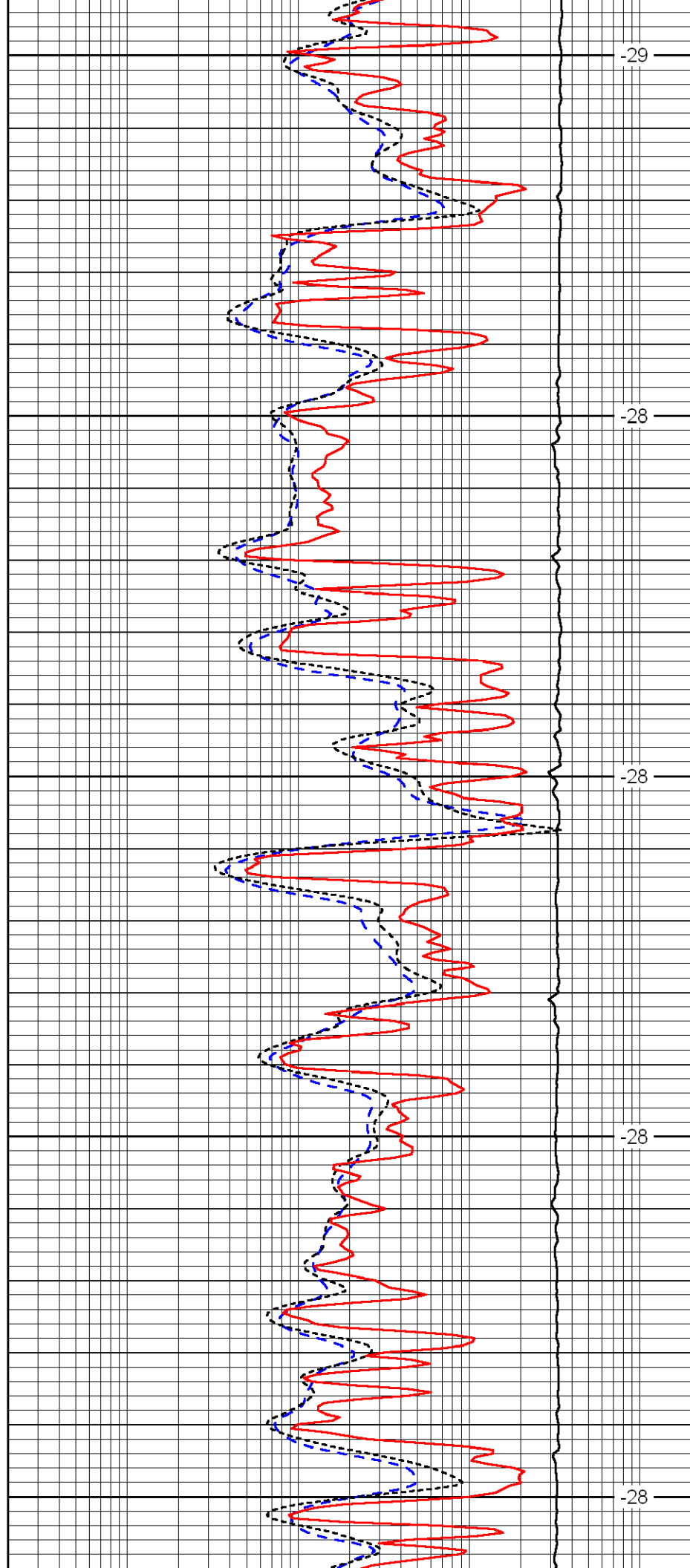
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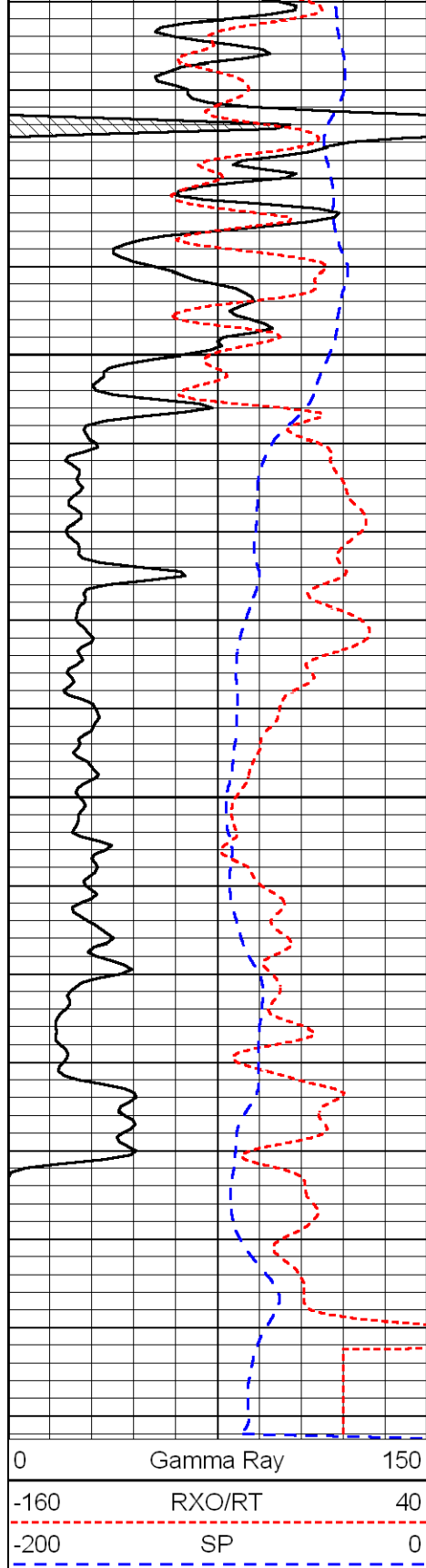
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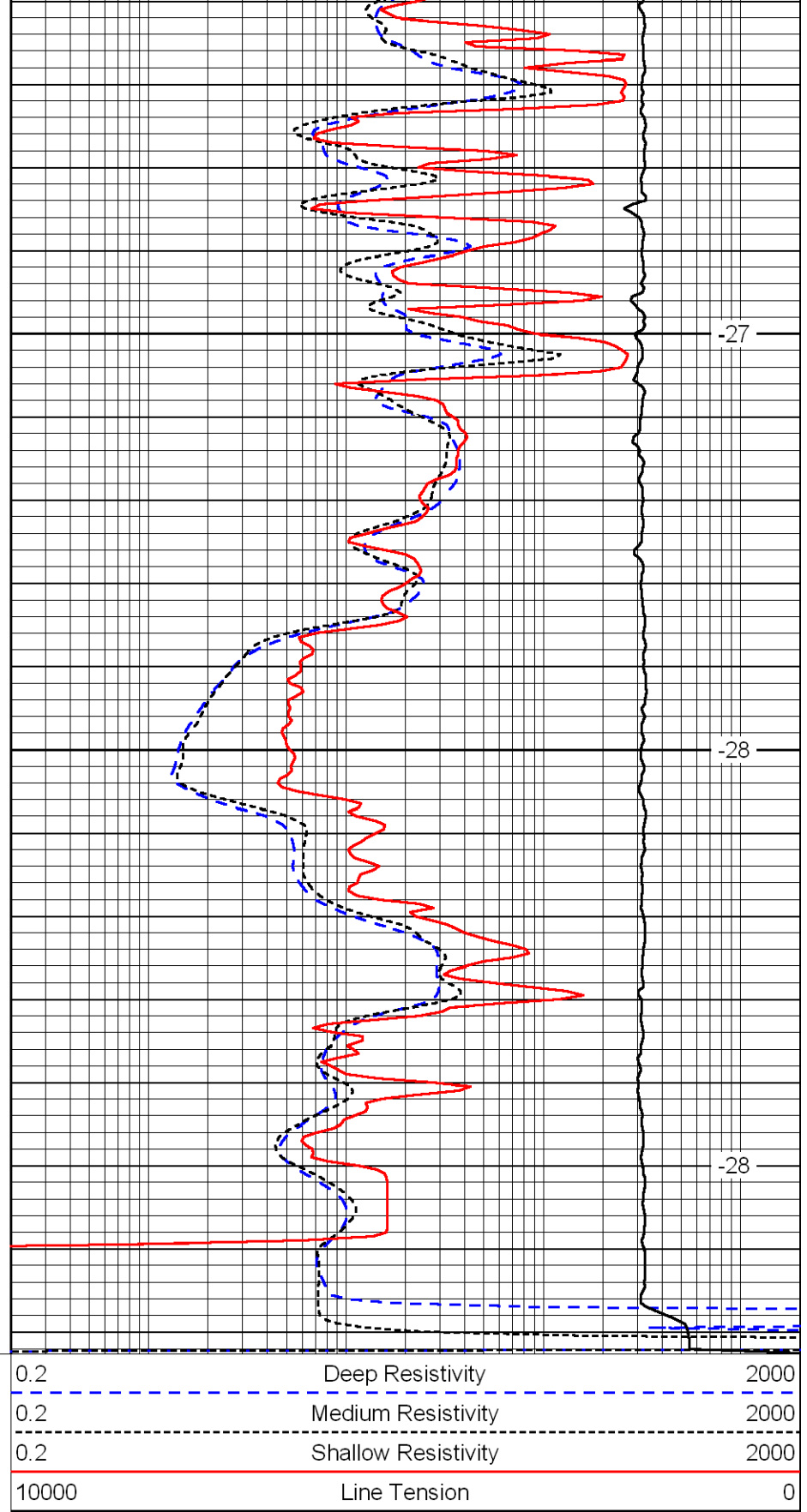
-28



4700

4750

4800



-27

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-28

LSPD