

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-109-20991-00-00

Company The Bill Bowman Oil Company

Well Younkin #3

Field Wildcat

County Logan

State

Kansas

Location

W2 NW NW NE
330' FNL / 2477' FEL

Sec: 21

Twp: 12S

Rge: 32W

Other Services
CNL / CDL

Permanent Datum

Elevation 3014

Log Measured From

11 Ft. Above Perm. Datum

Drilling Measured From

K.B. 3025
D.F. 3014
G.L. 3014

Date

4/1/2011

Run Number

One

Depth Driller

4610

Depth Logger

4613

Bottom Logged Interval

4612

Top Log Interval

200

Casing Driller

8.625 @ 216

Casing Logger

222

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2000

Density / Viscosity

9.5

53

pH / Fluid Loss

9.5

8.8

Source of Sample

Flowline

Rm @ Meas. Temp

1.5 @ 65

Rmf @ Meas. Temp

1.13 @ 65

Rmc @ Meas. Temp

2.03 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

0.79 @ 124

Operating Rig Time

4 Hours

Max Rec. Temp. F

124

Equipment Number

17

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Ed Glassman

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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

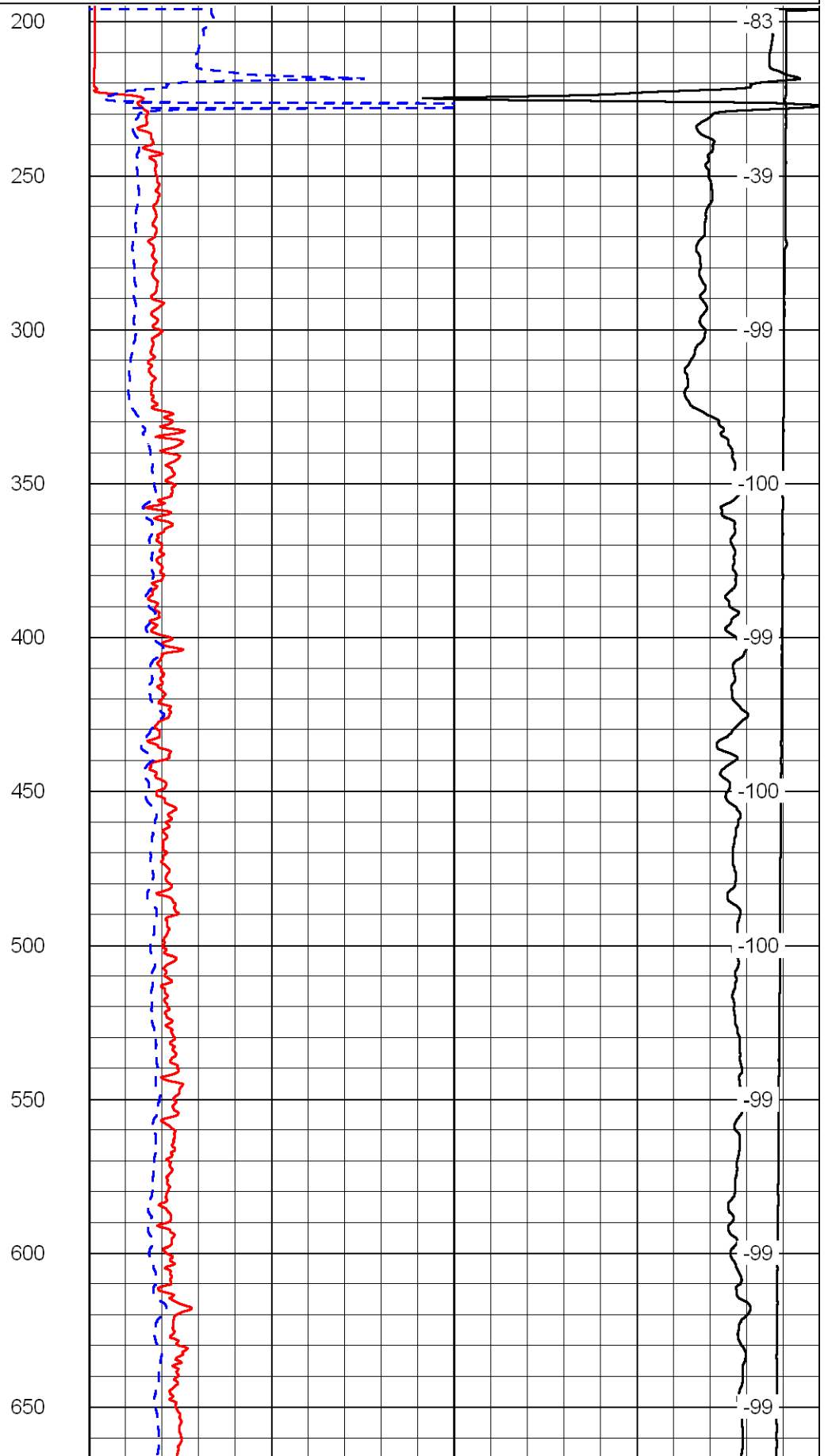
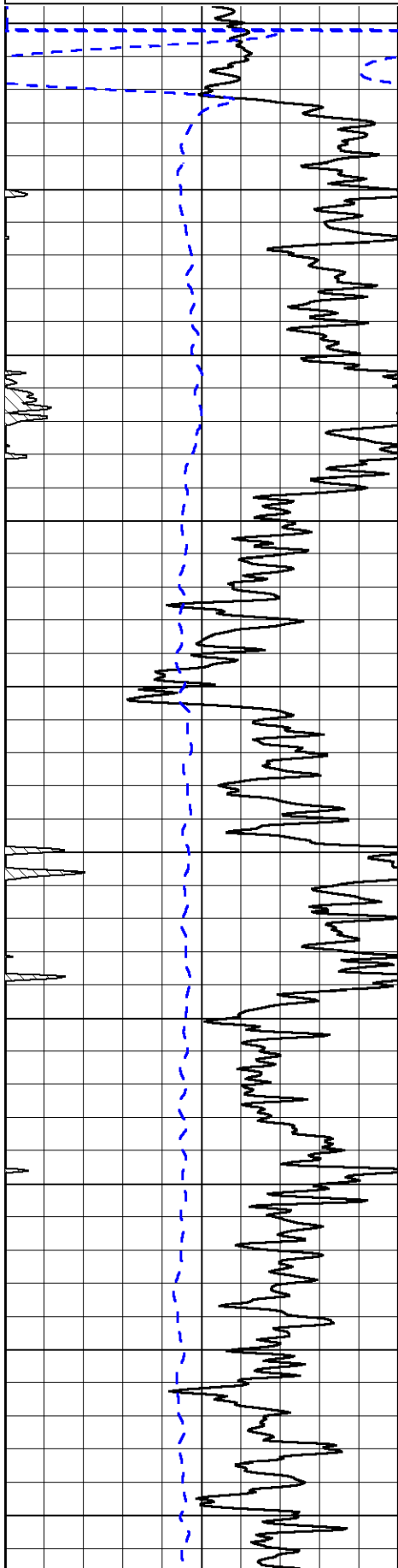
Oakley, KS:
7S, 1W, 1 1/4S, W into

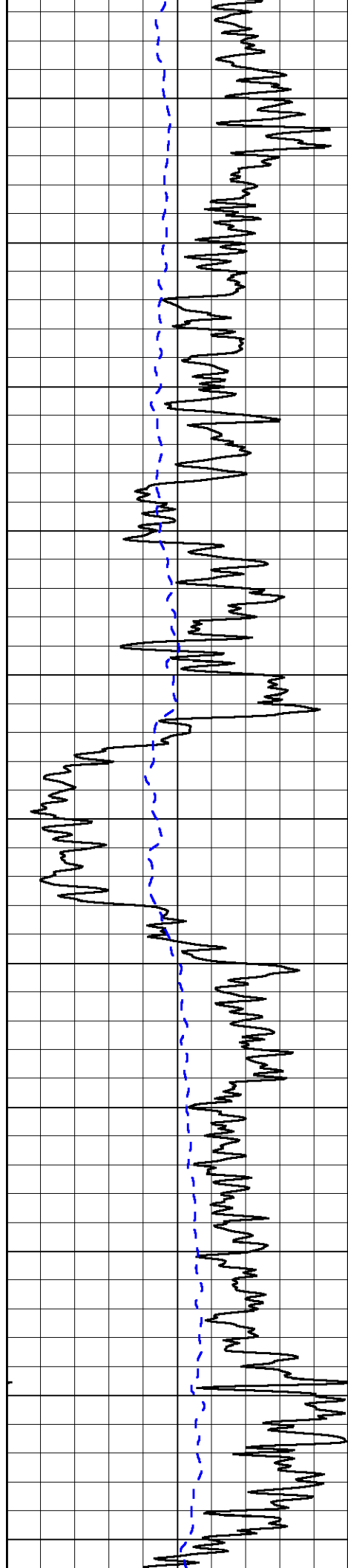
Database File: bowman3hd.db
Dataset Pathname: dil/bow4
Presentation Format: dil2in
Dataset Creation: Fri Apr 01 18:34:35 2011
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

LSPD





700

750

800

850

900

950

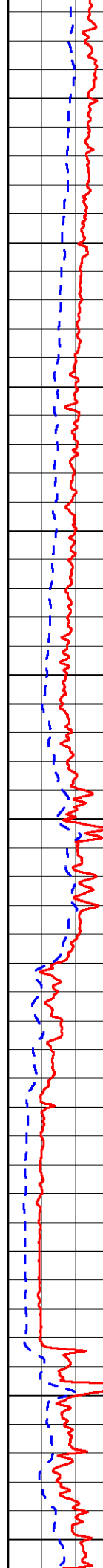
1000

1050

1100

1150

1200



-98

-97

-97

-97

-97

-97

-97

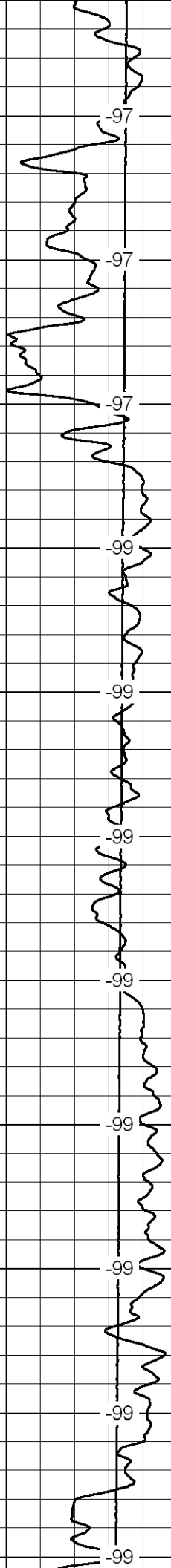
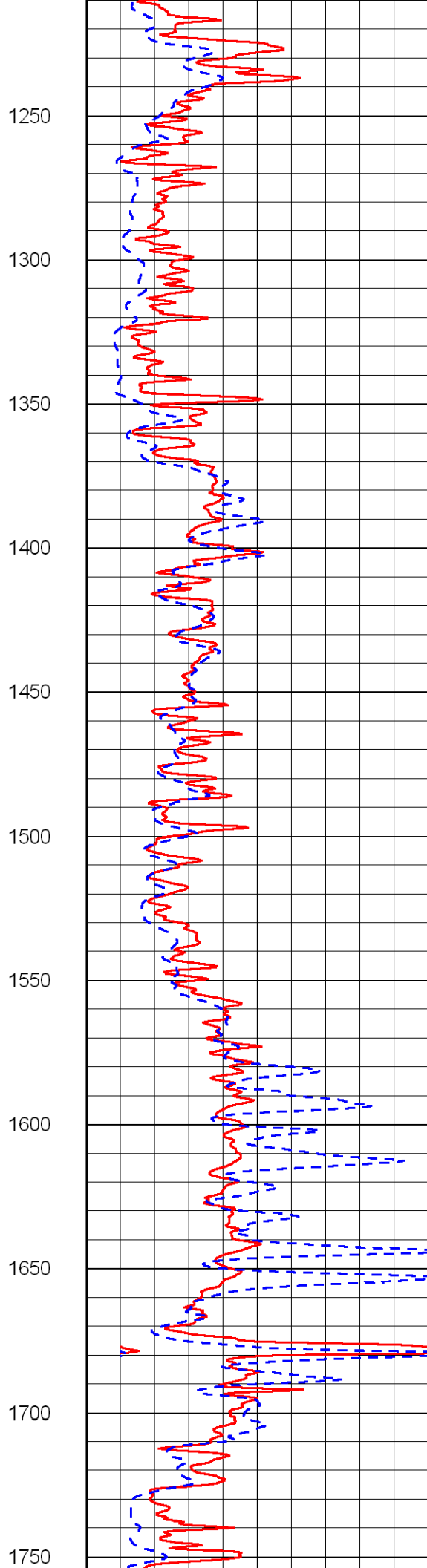
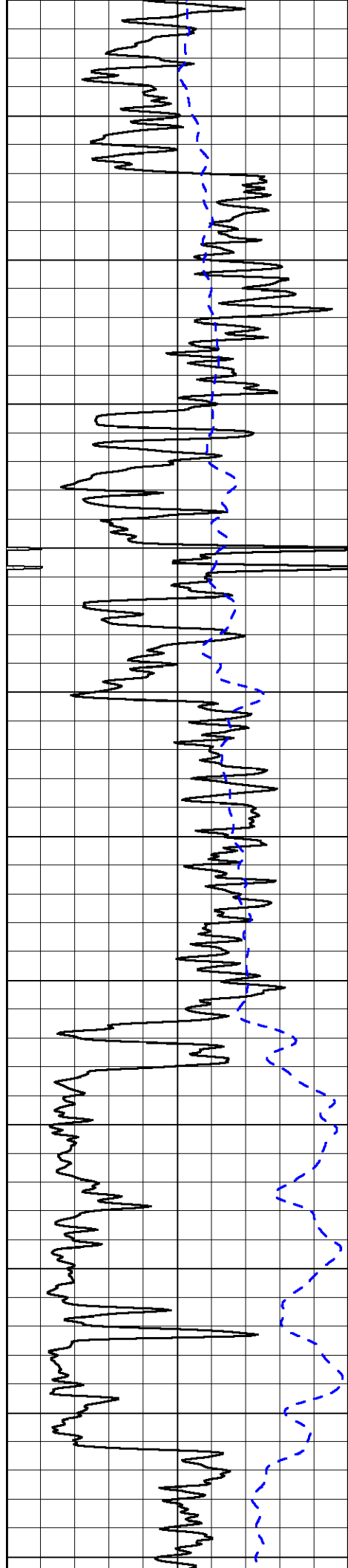
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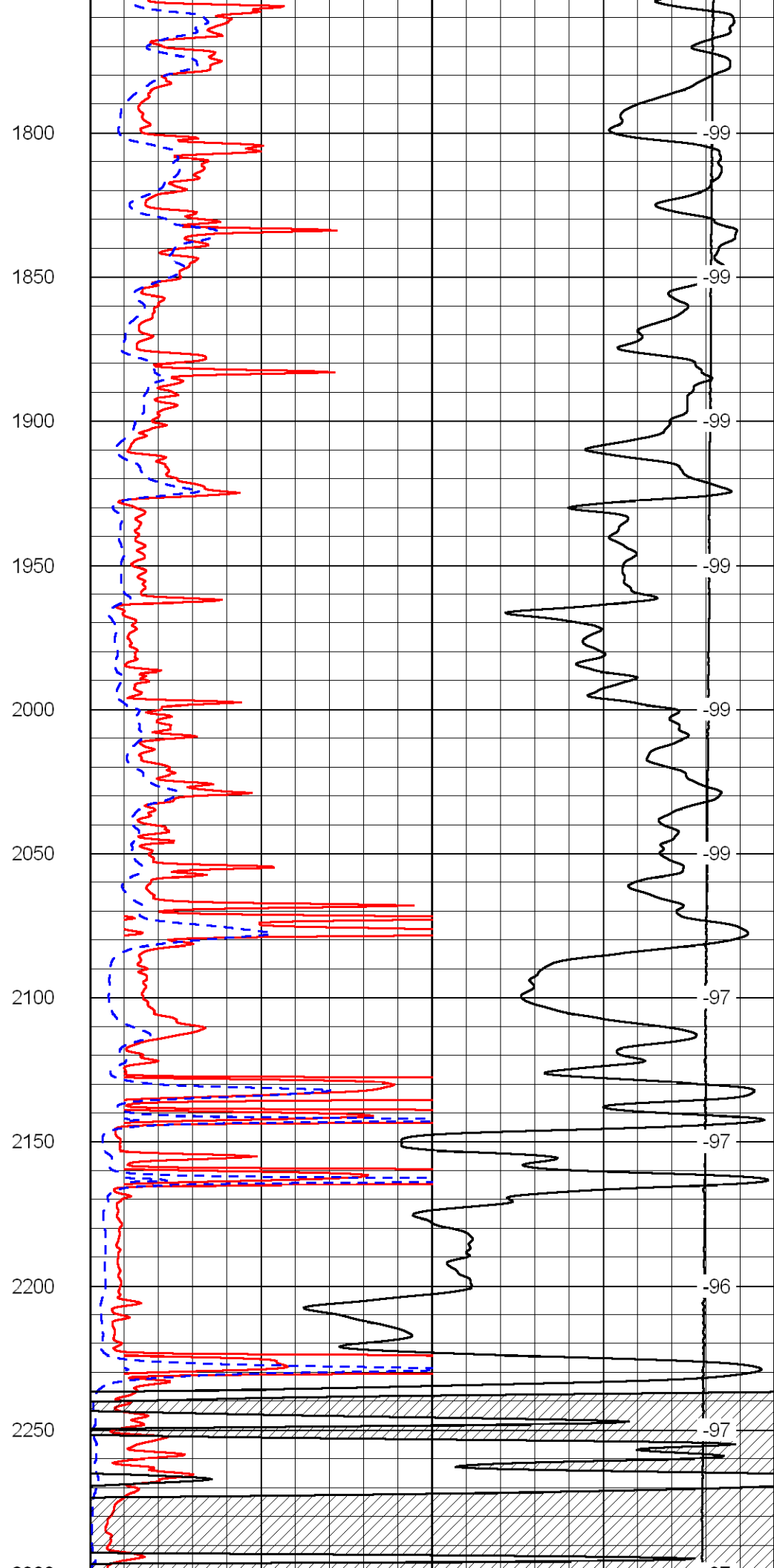
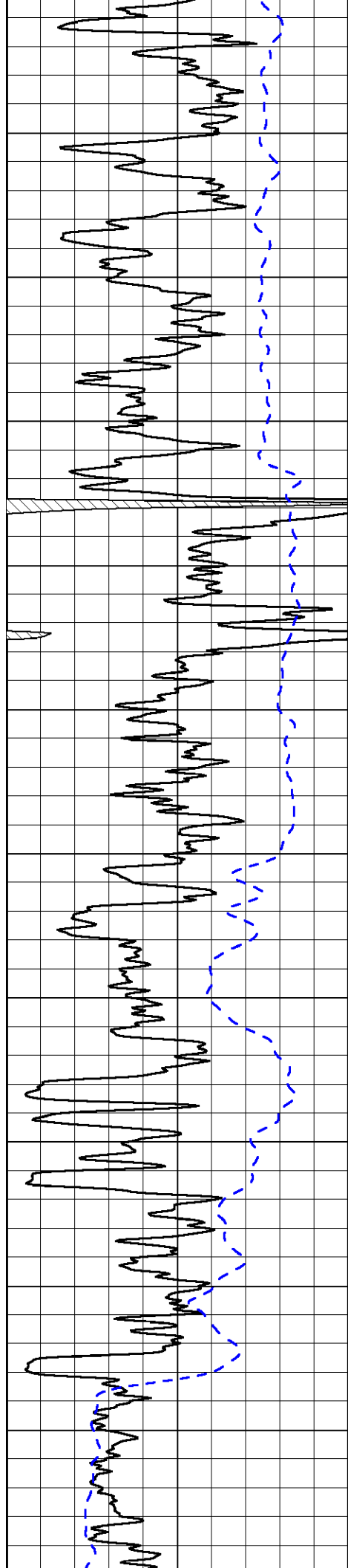
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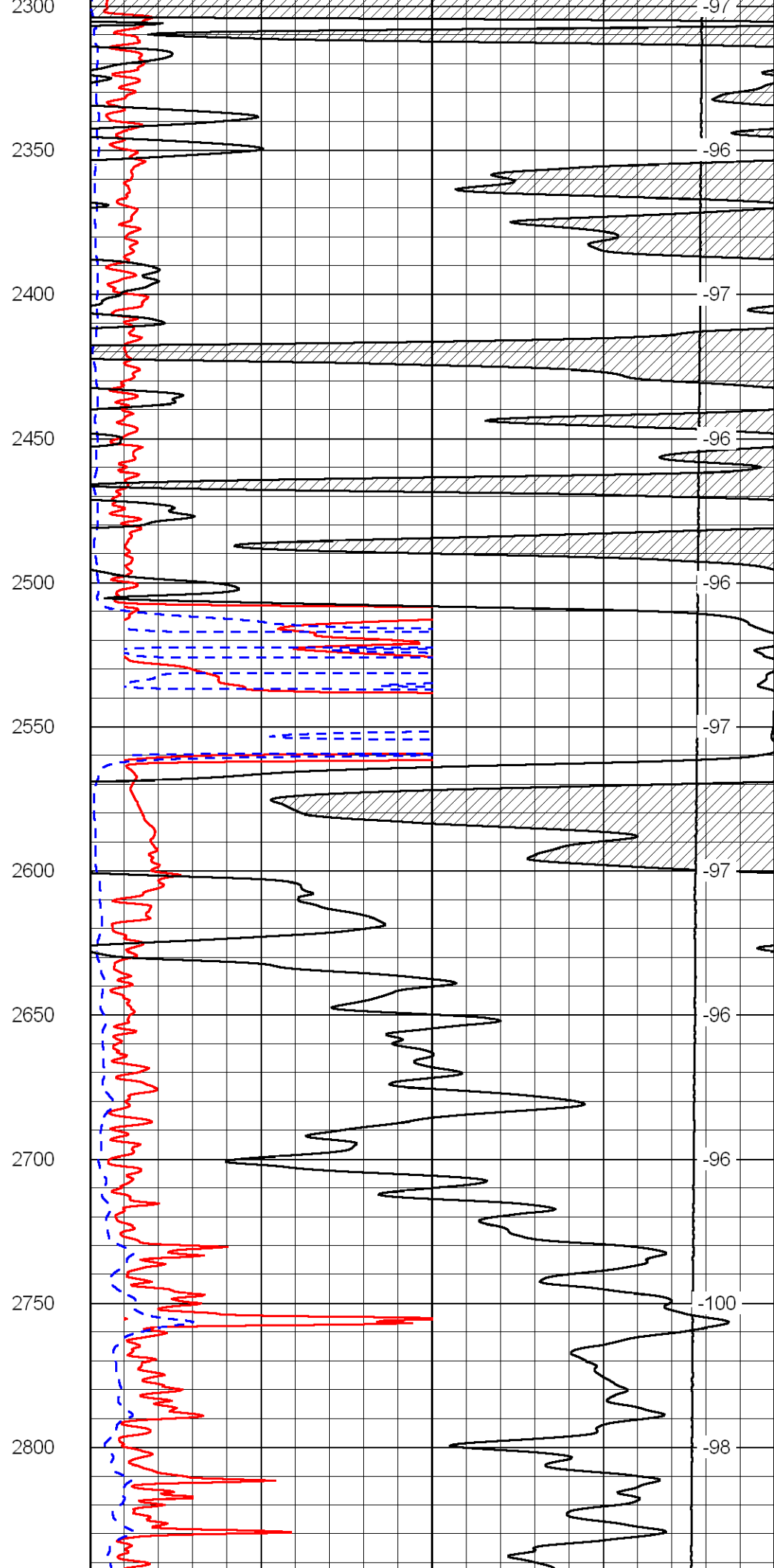
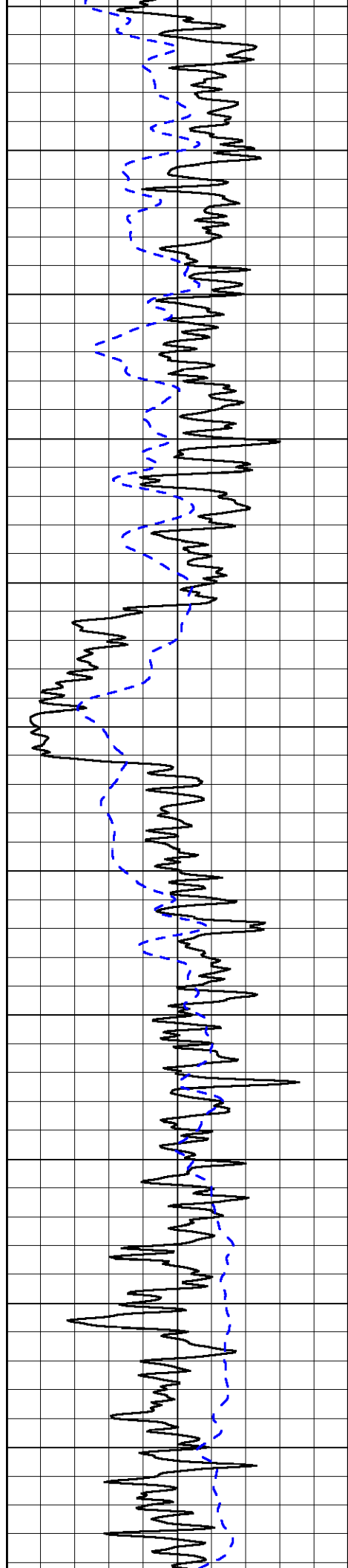
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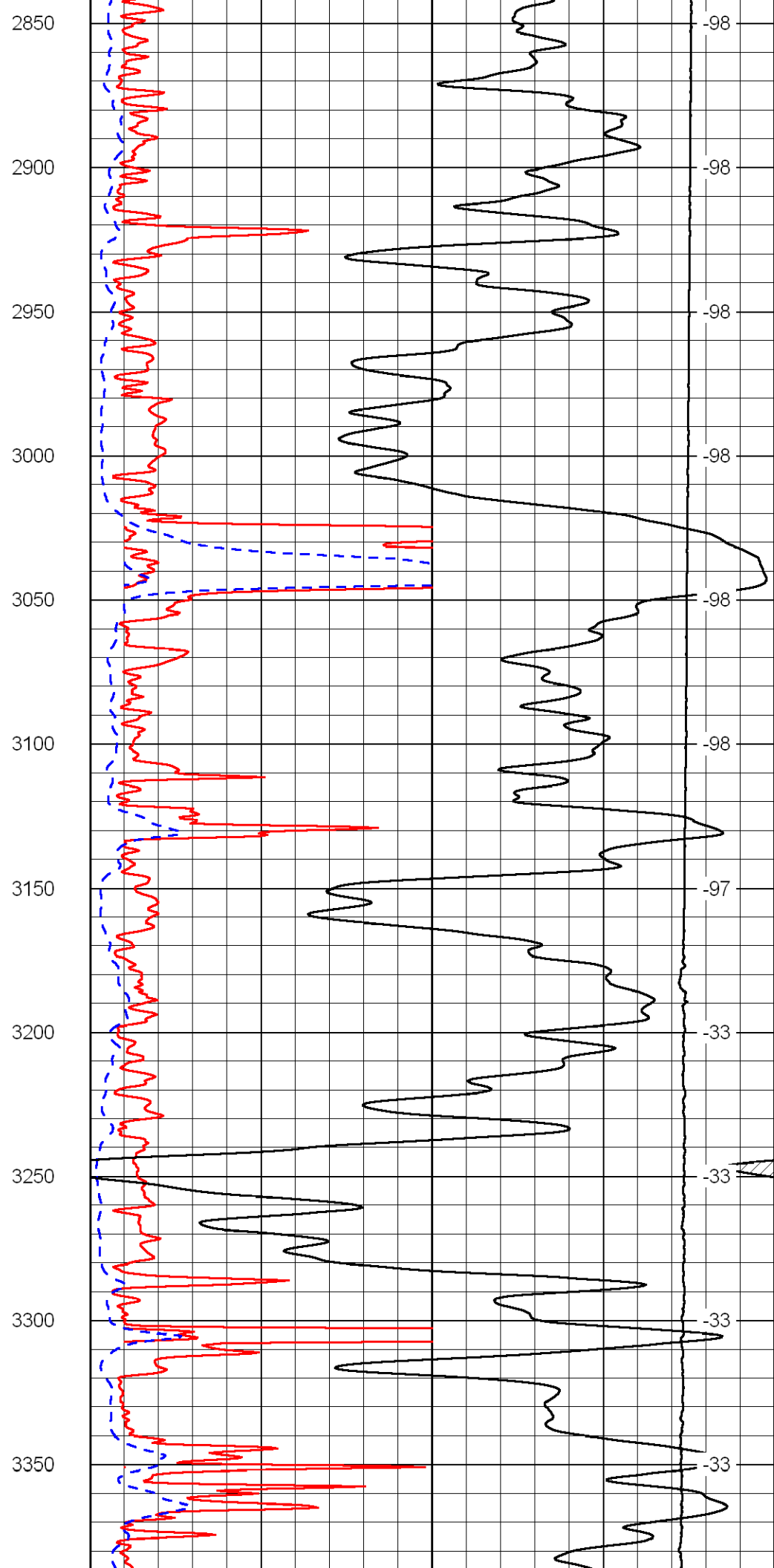
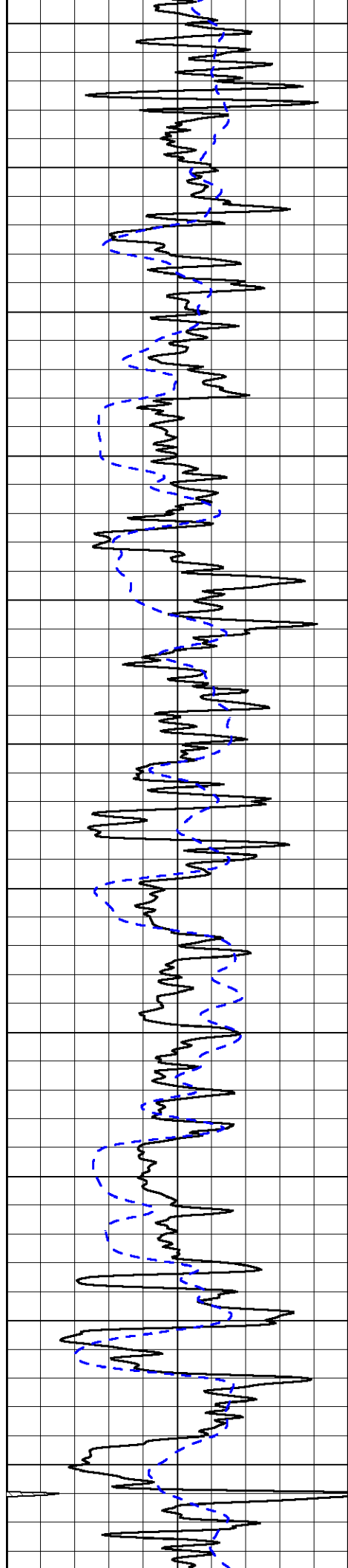
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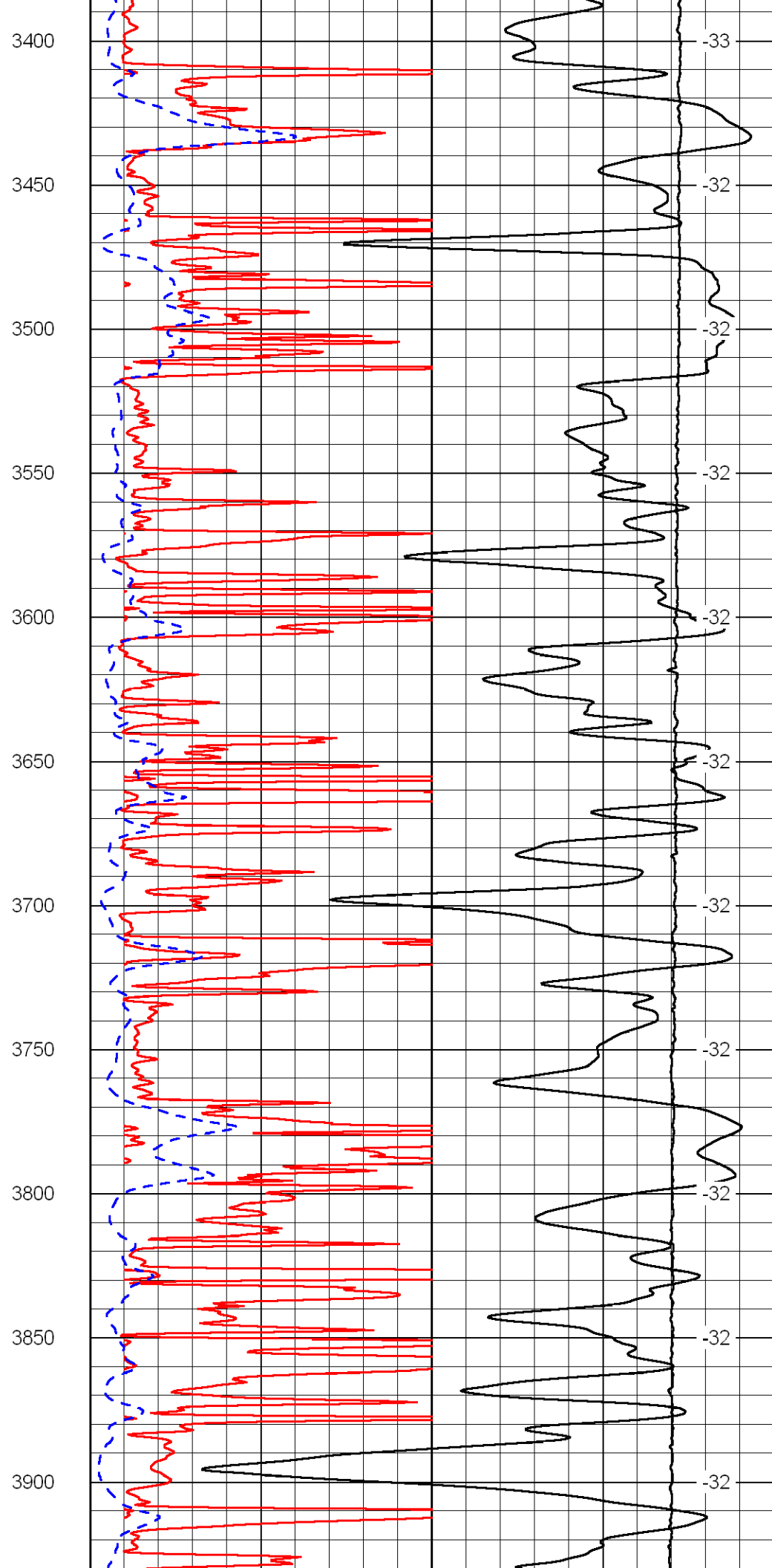
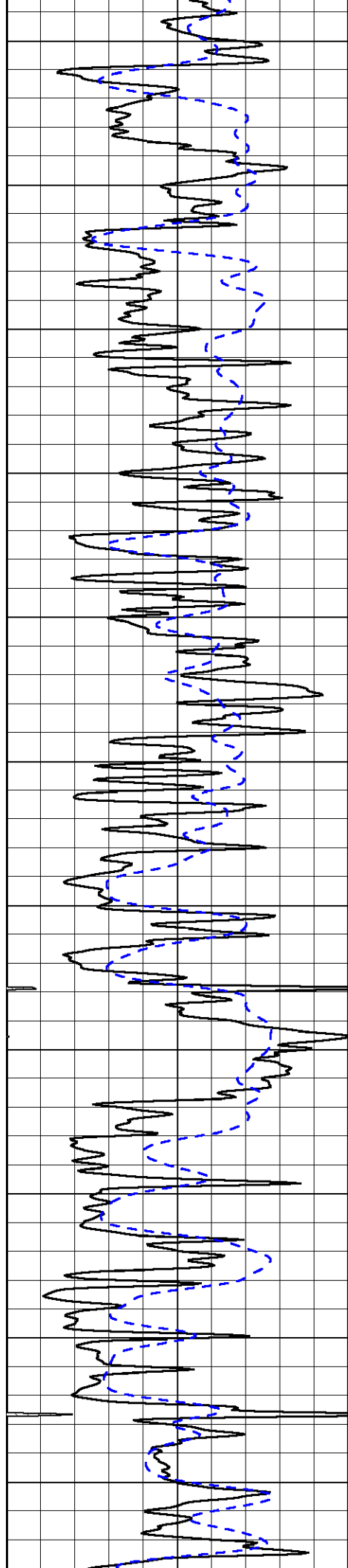


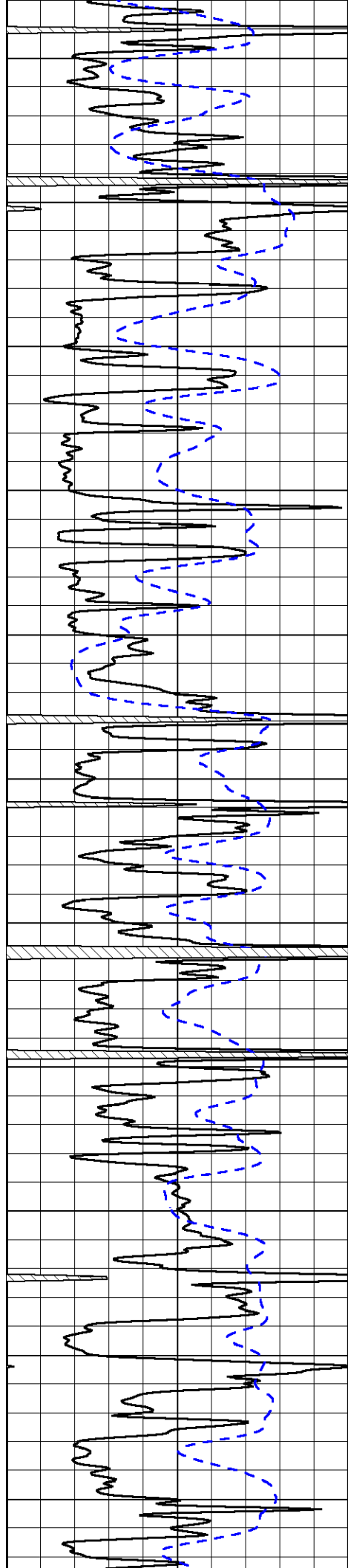












3950

4000

4050

4100

4150

4200

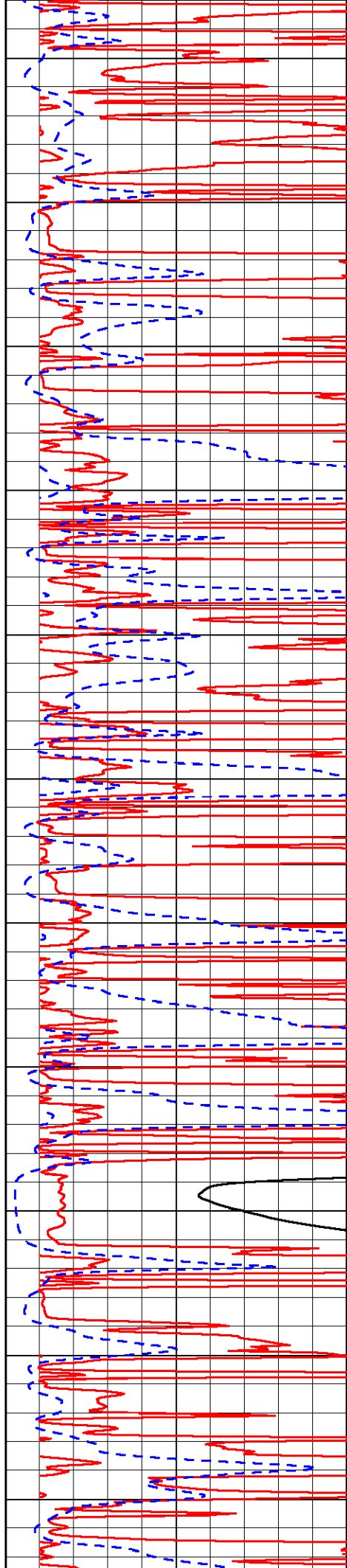
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4300

4350

4400

4450



-32

-32

-33

-32

-32

-32

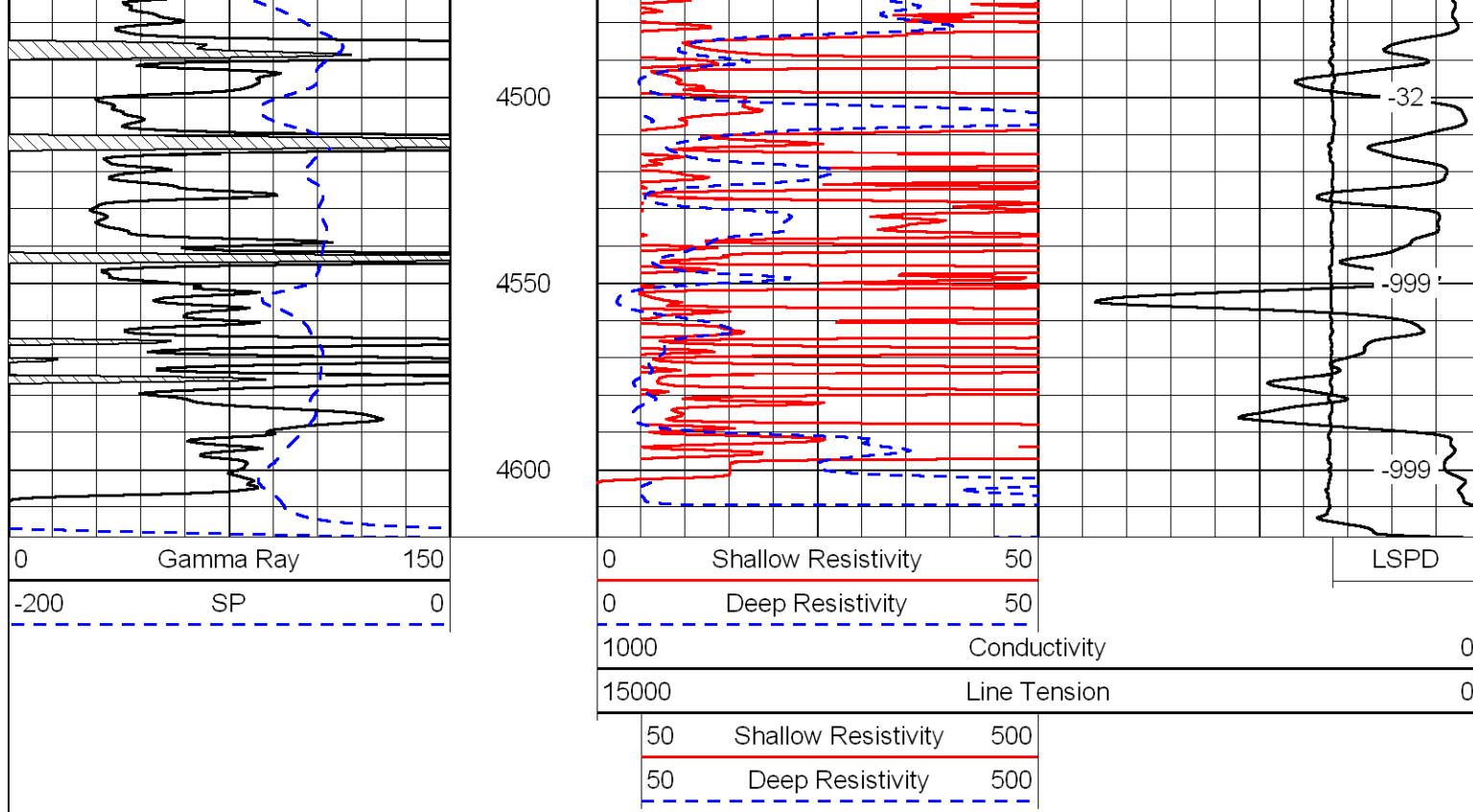
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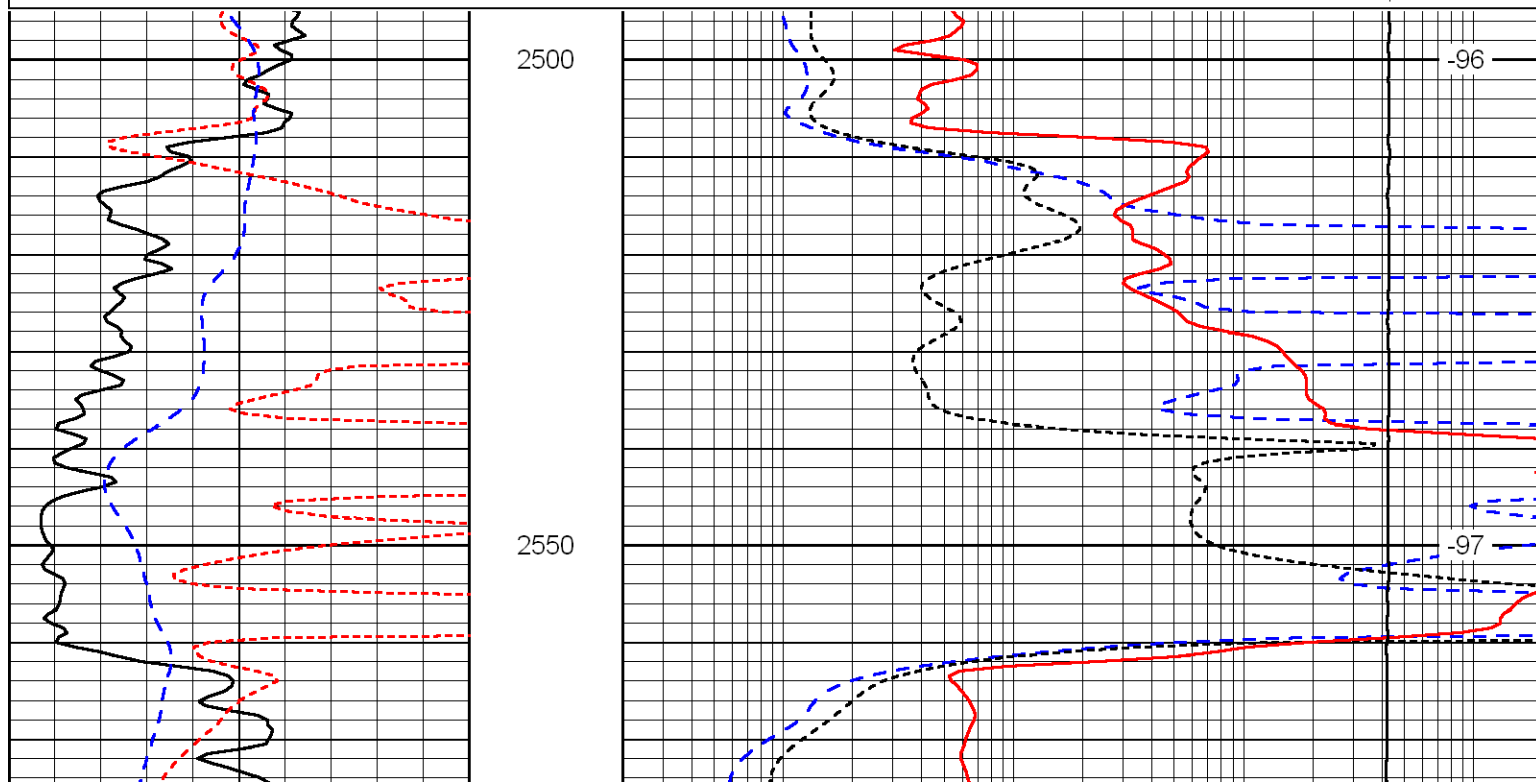
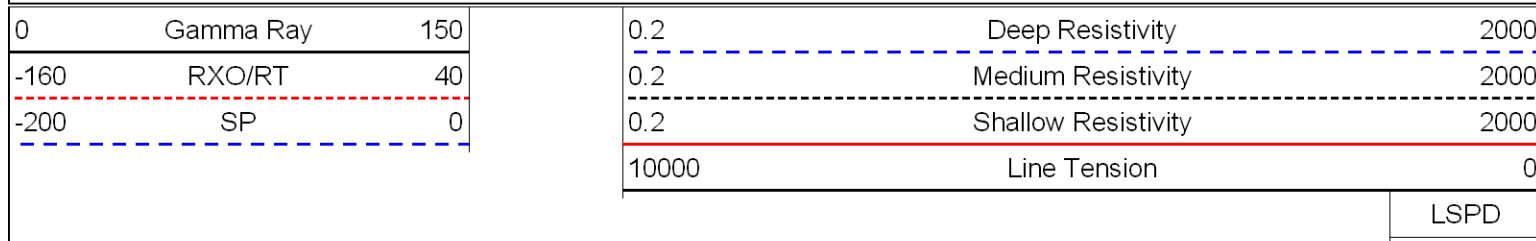
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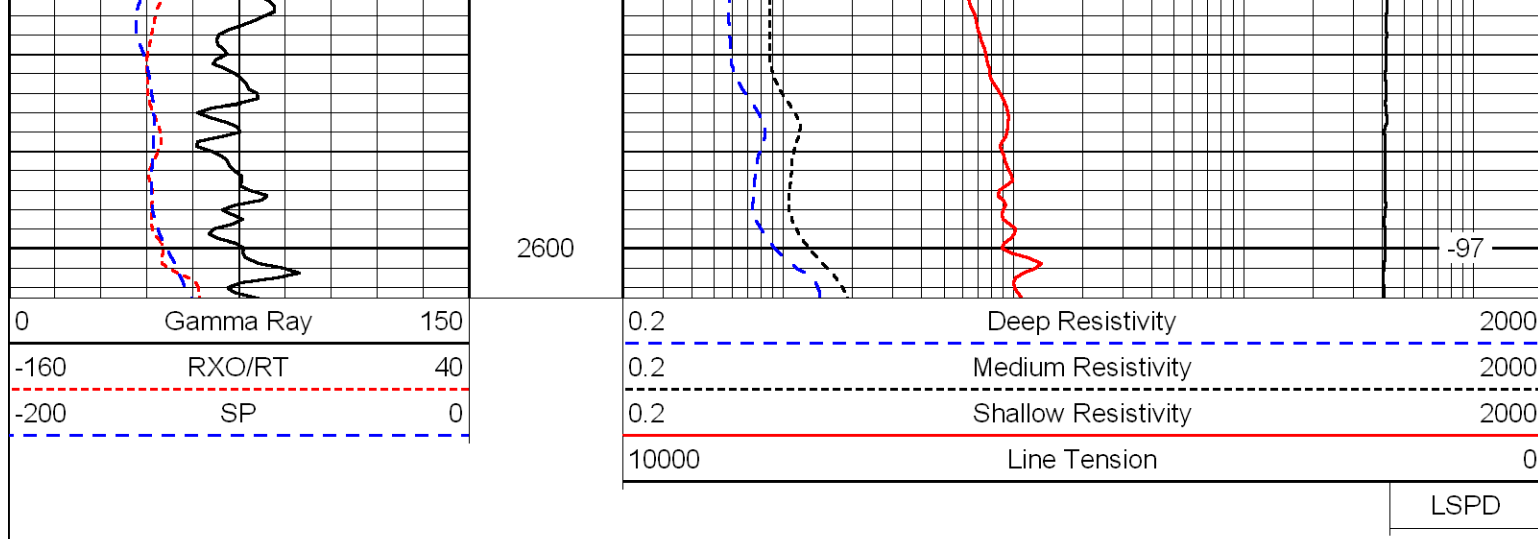
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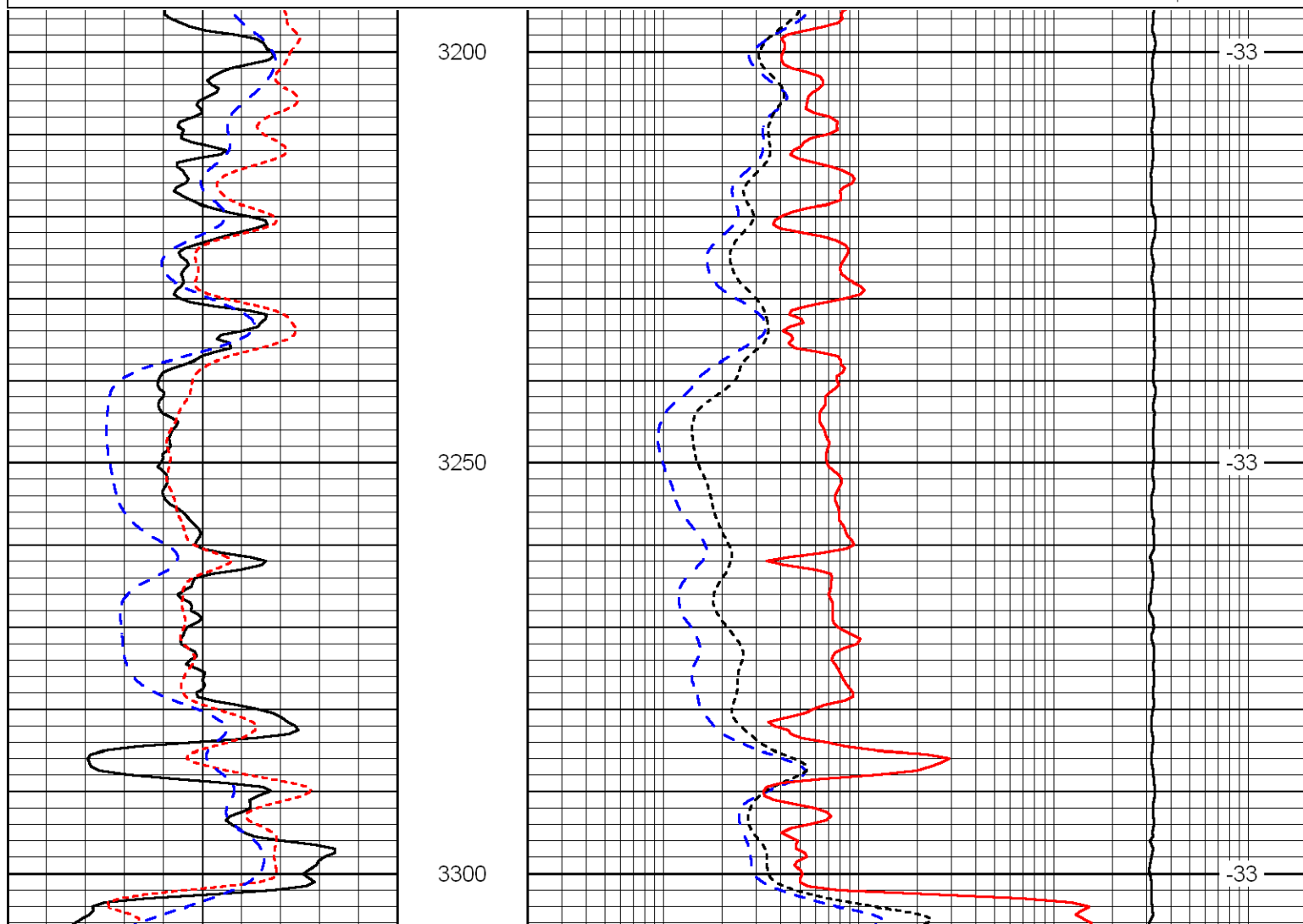
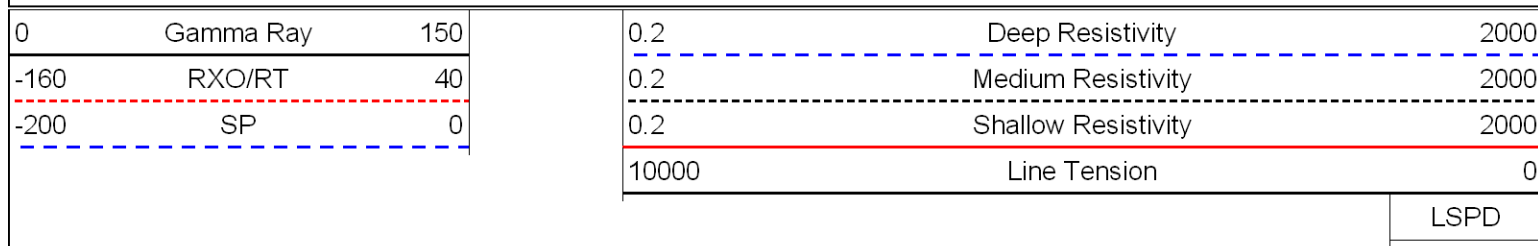


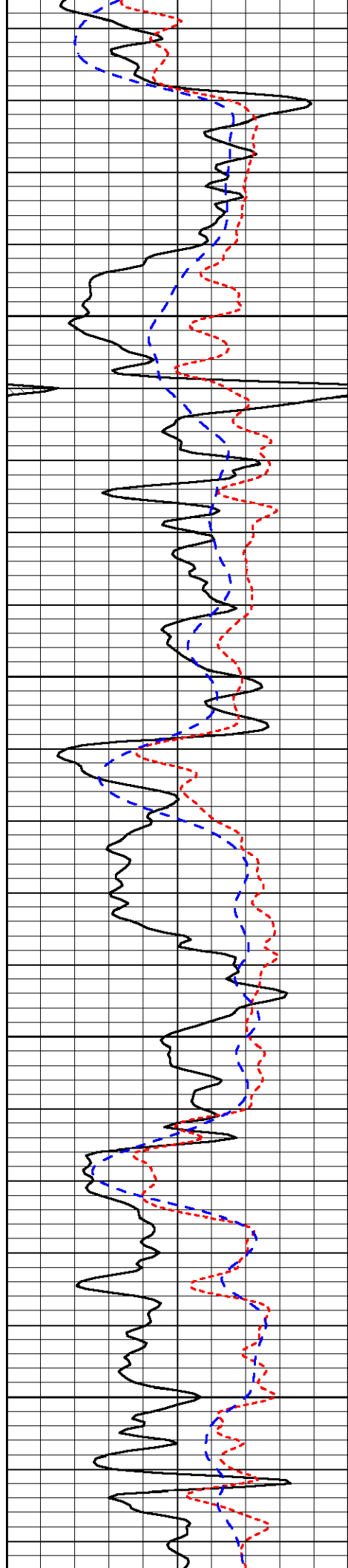
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 Dataset Pathname: dil/bow4
 Presentation Format: dil
 Dataset Creation: Fri Apr 01 18:34:35 2011
 Charted by: Depth in Feet scaled 1:240





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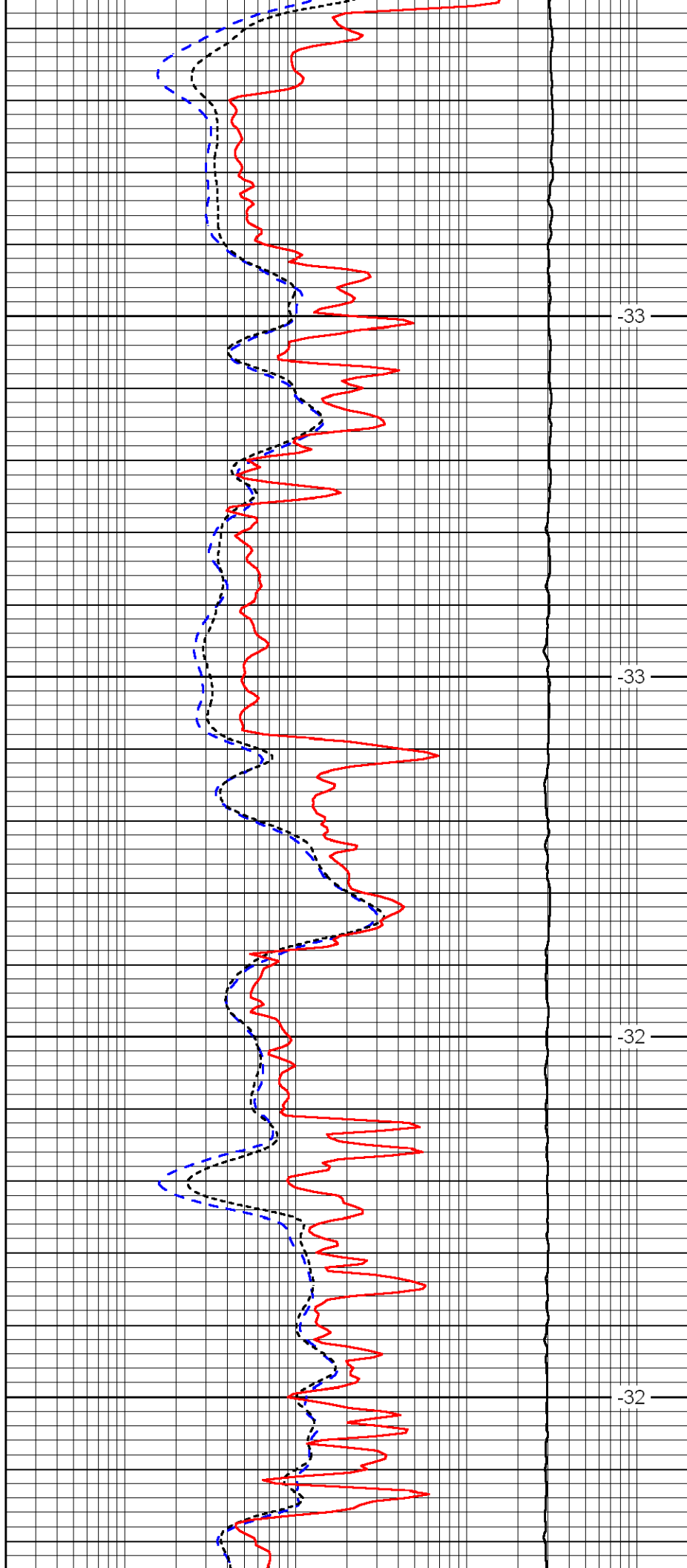


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3400

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3500

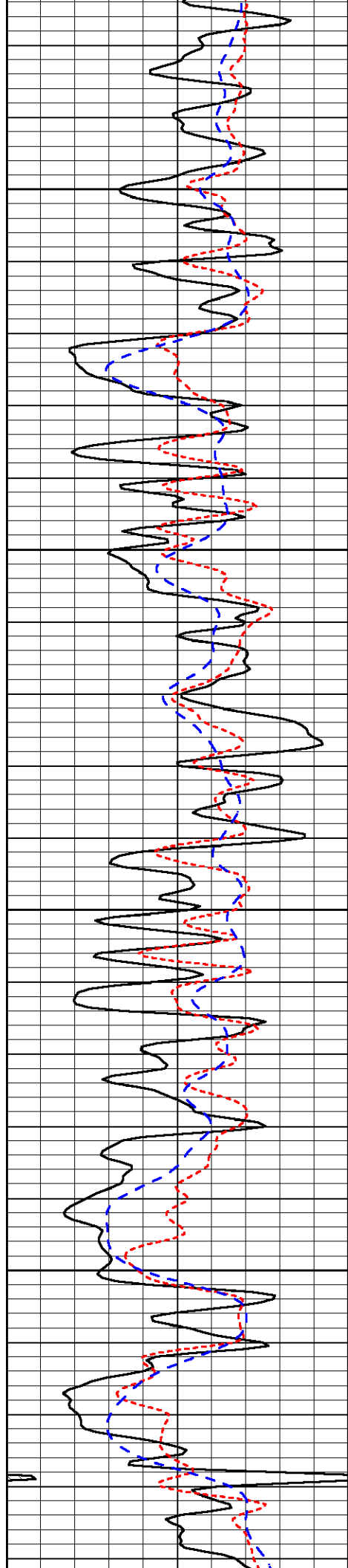


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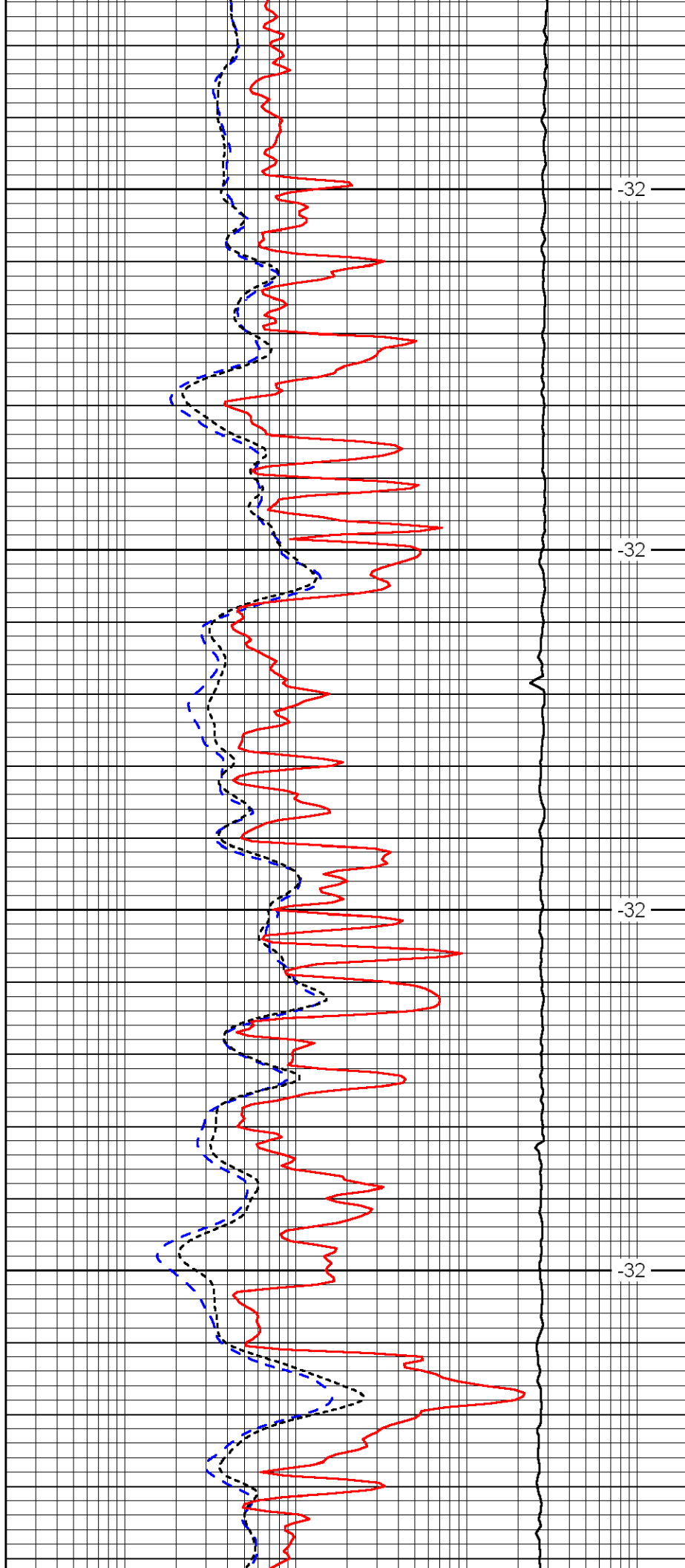


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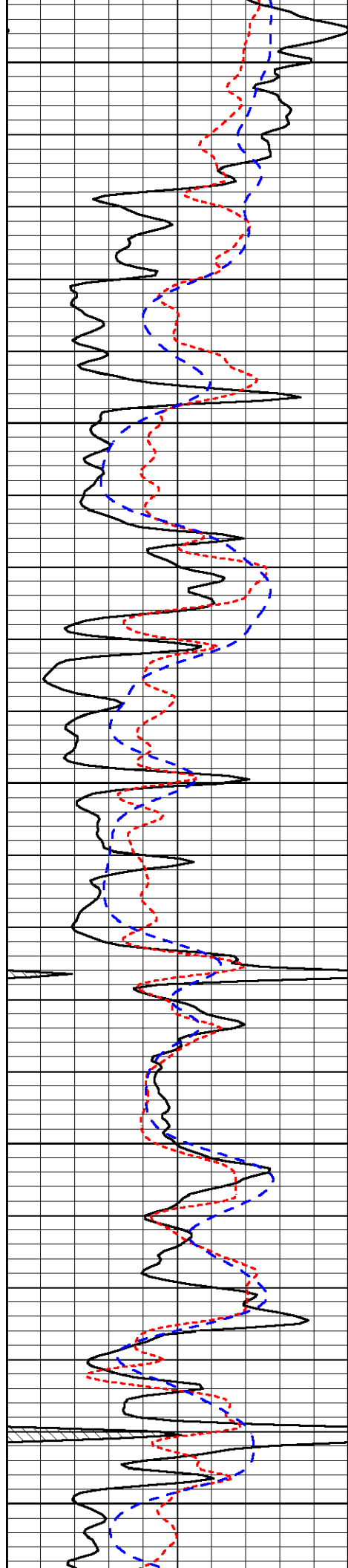


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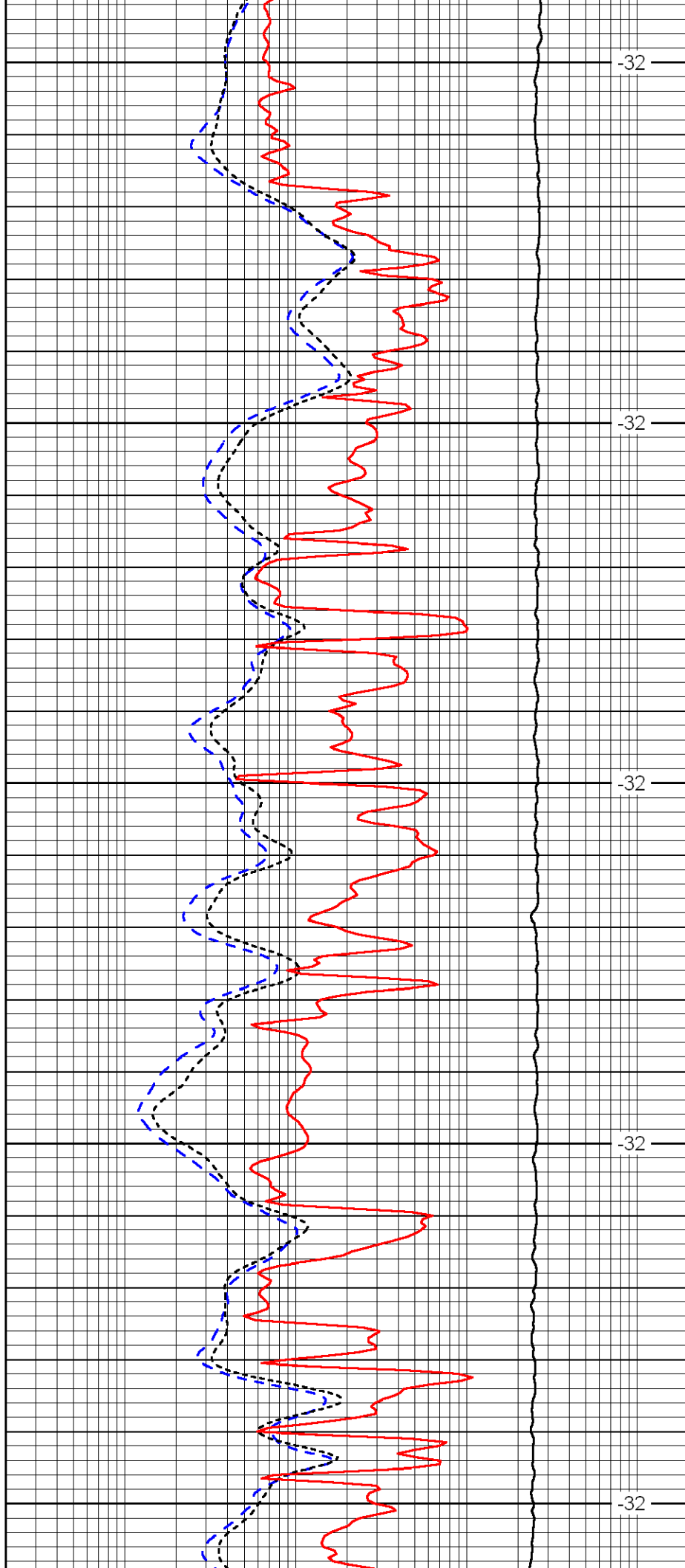
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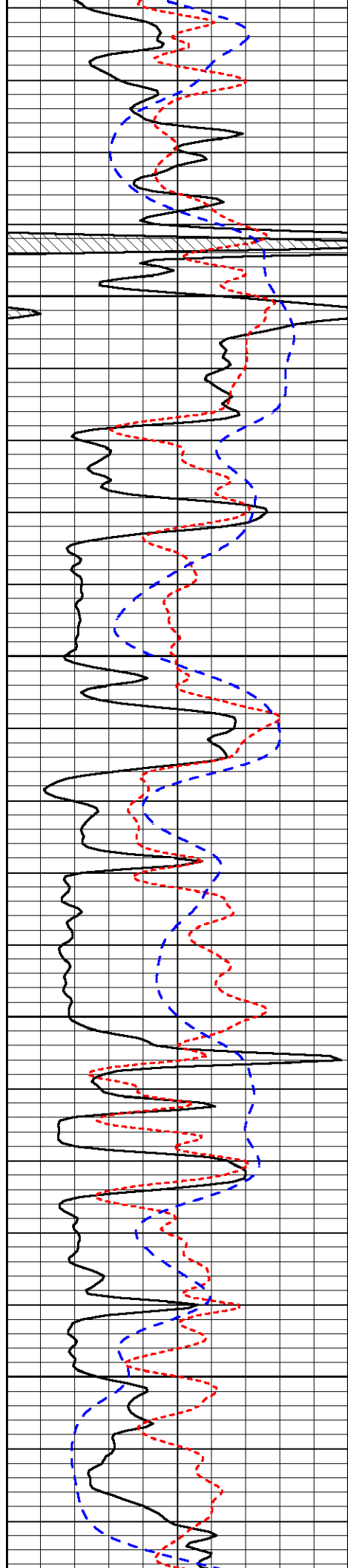
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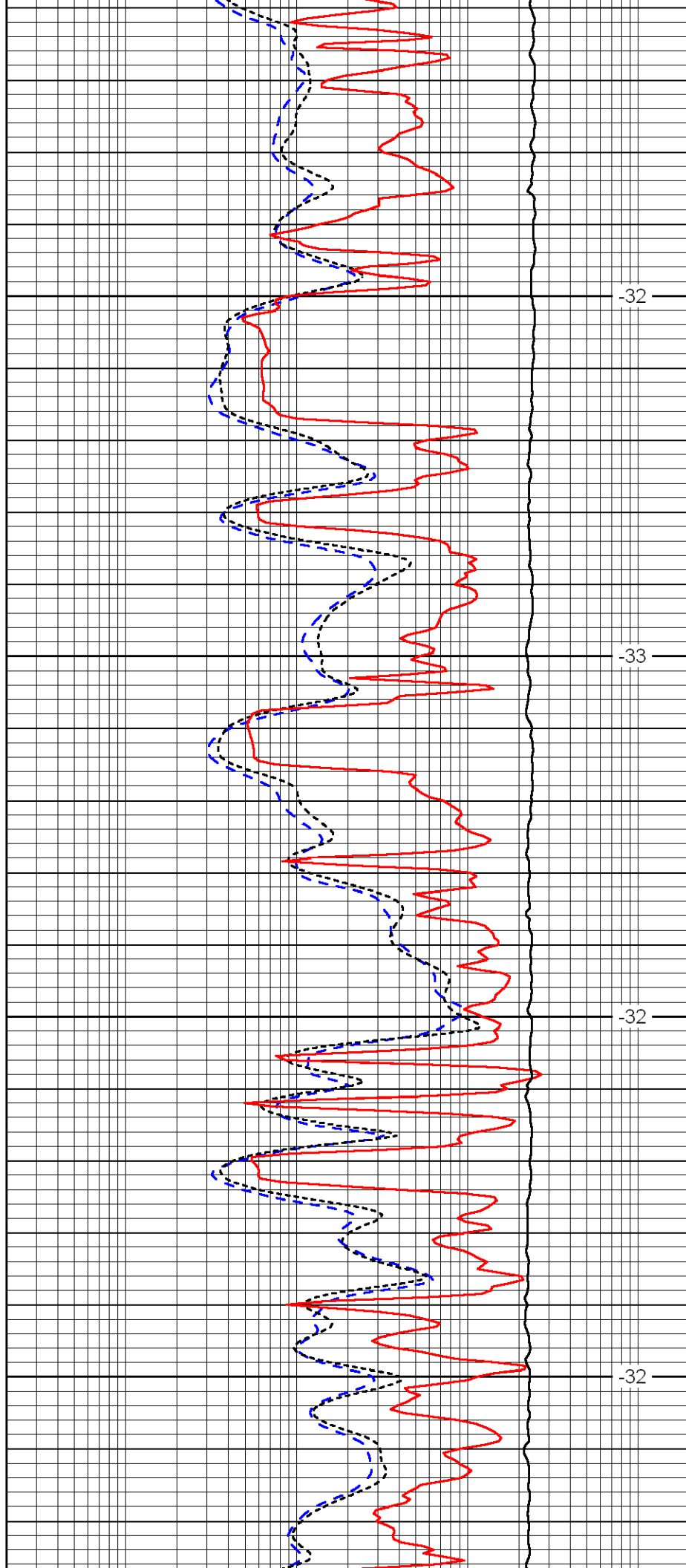


4000

4050

4100

4150

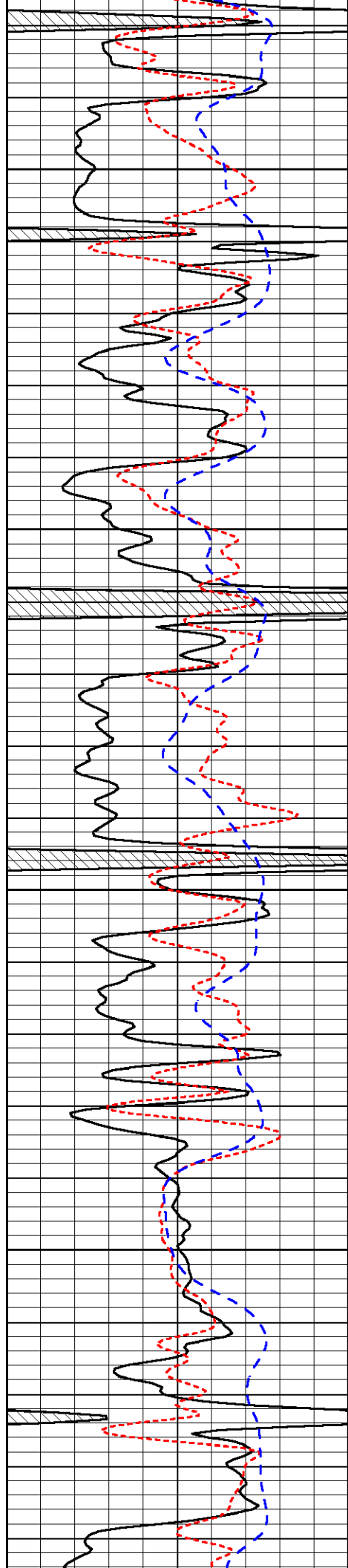


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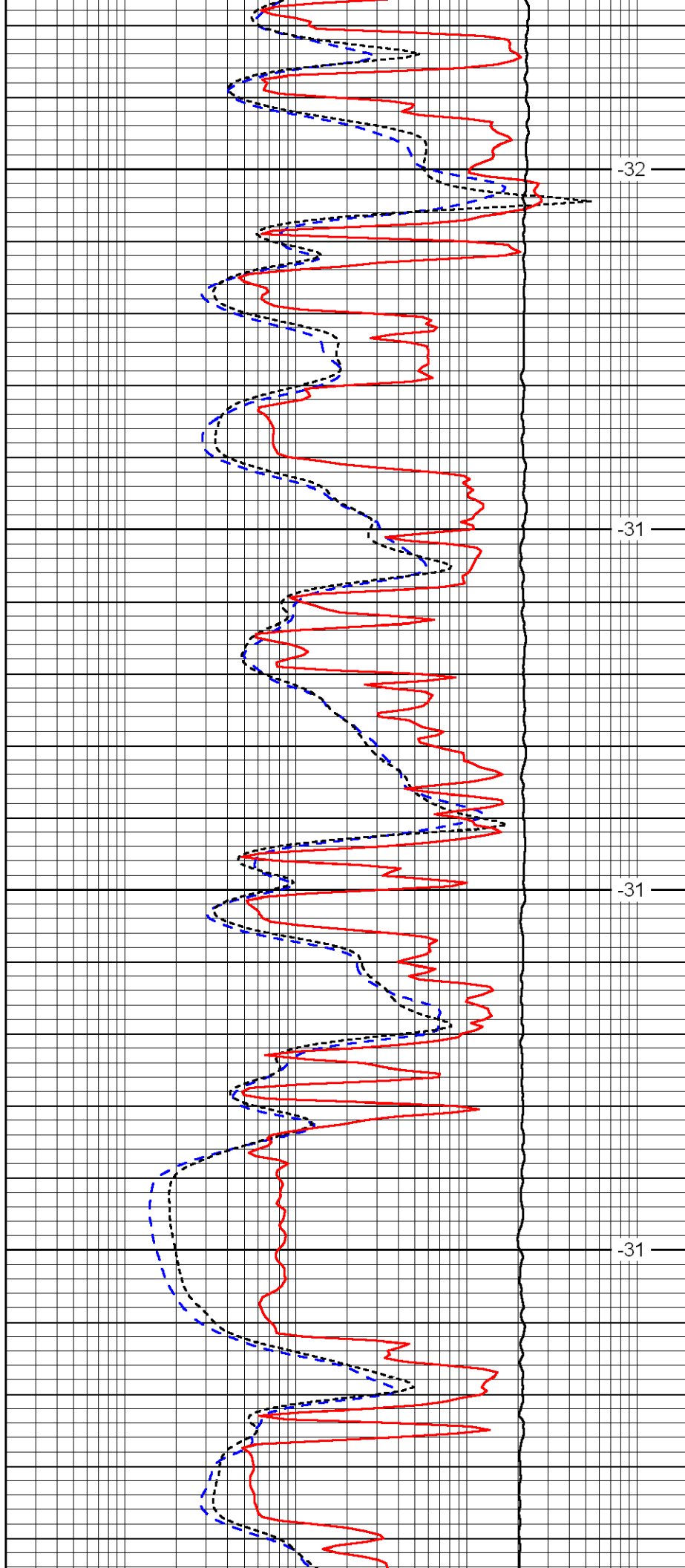


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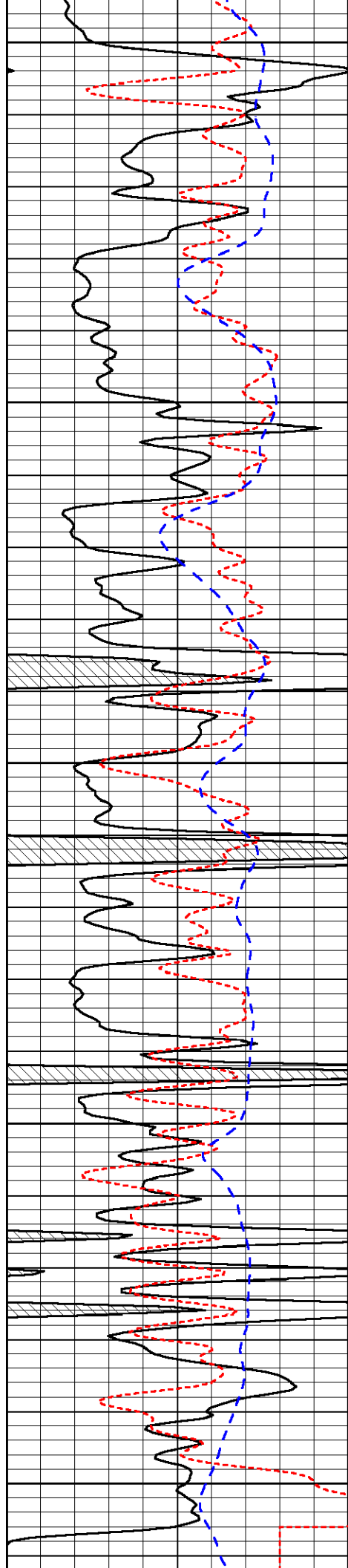


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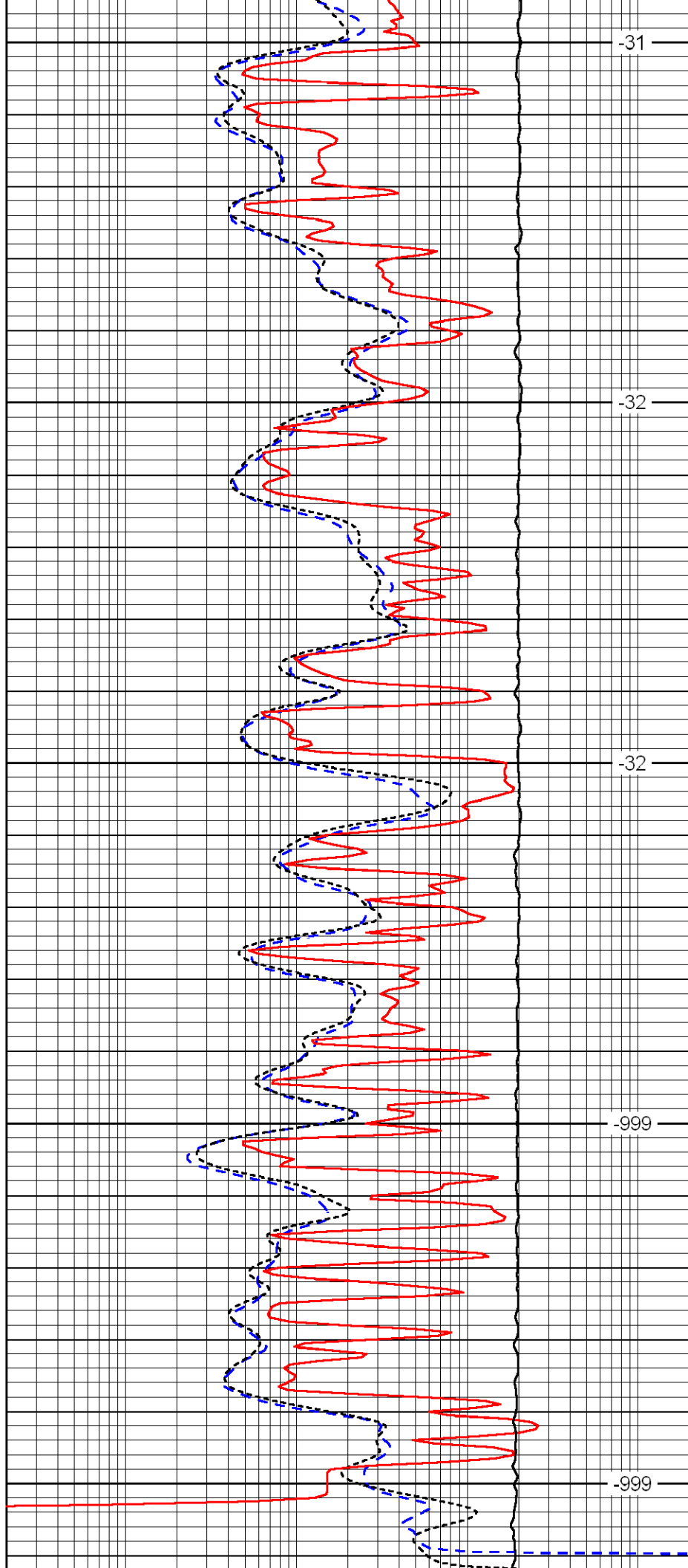
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4600



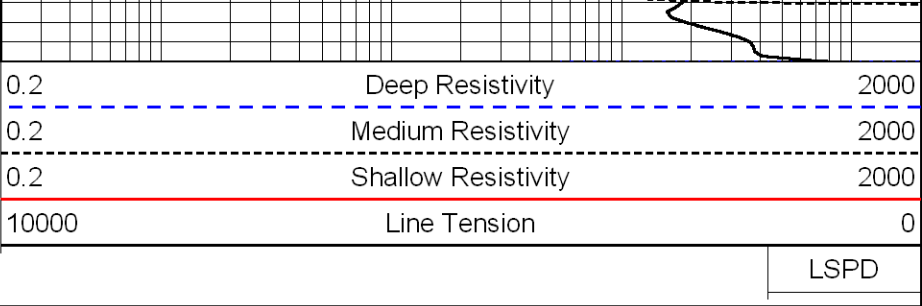
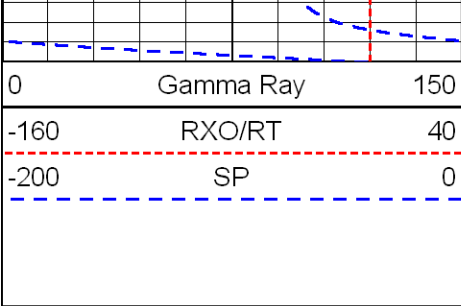
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LSPD