



Pioneer Energy Services

Dual Induction Log

API No.

15-193-20,946-00-00

Company Brito Oil Company, Inc.

Well Studer No. 1-9

Field

County

Thomas

State

Kansas

Location

1,900' FNL & 1,600' FEL

Sec: 9

Twp: 6S

Rge: 35W

Elevation

Permanent Datum Ground Level Elevation 3300
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3305
D.F.
G.L. 3300

Date

1/18/2015

Run Number

One

Depth Driller

4840

Depth Logger

4844

Bottom Logged Interval

4843

Top Log Interval

345

Casing Driller

8.625 @ 344

Casing Logger

350

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5400

Density / Viscosity

9.4 60

pH / Fluid Loss

10.0 8.6

Source of Sample

Flowline

Rm @ Meas. Temp

.52 @ 66

Rmf @ Meas. Temp

.39 @ 66

Rmc @ Meas. Temp

.70 @ 66

Source of Rmf / Rmc

Charts

Rm @ BHT

.28 @ 124

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

124

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Ken Wallace

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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

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(785) 625-3858

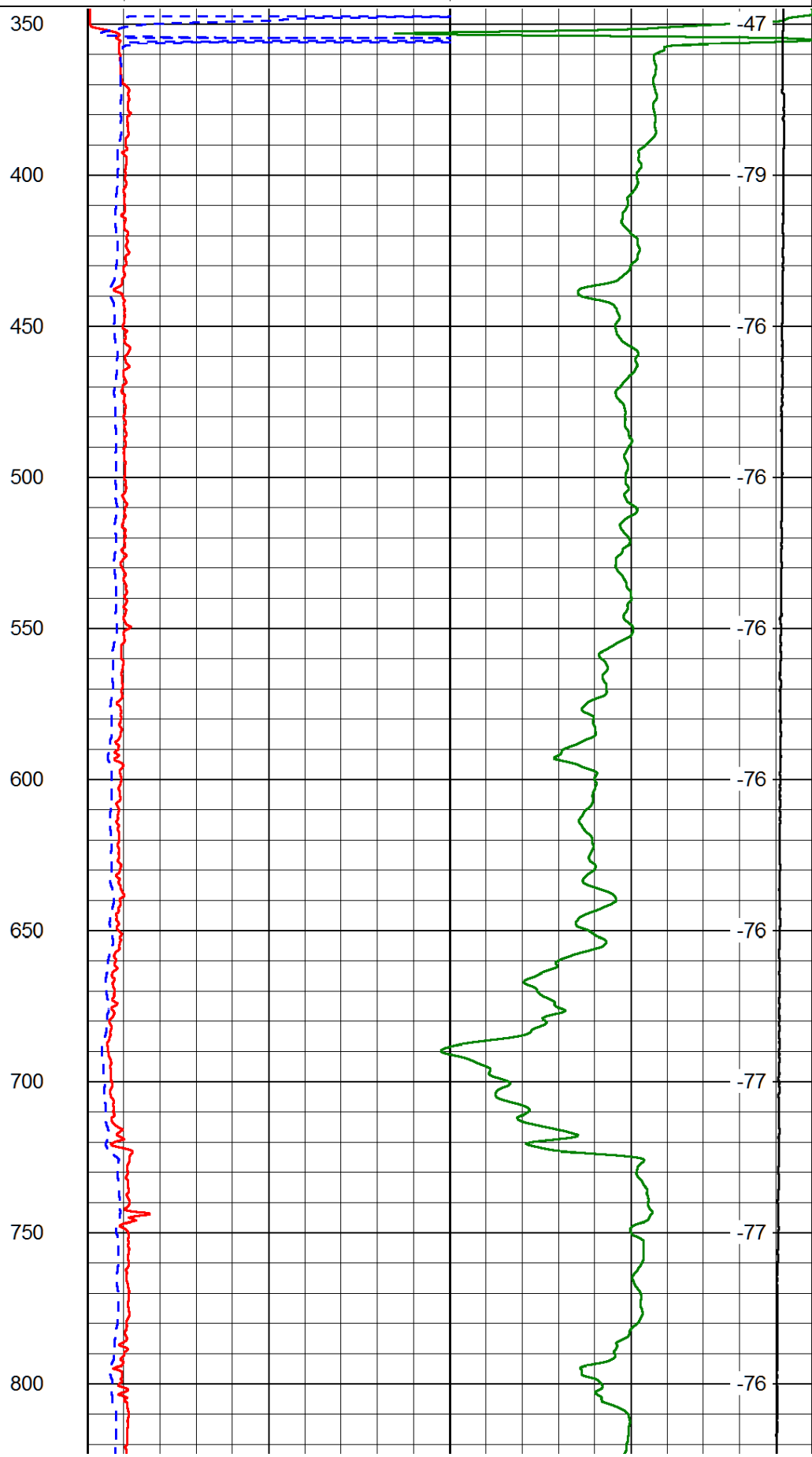
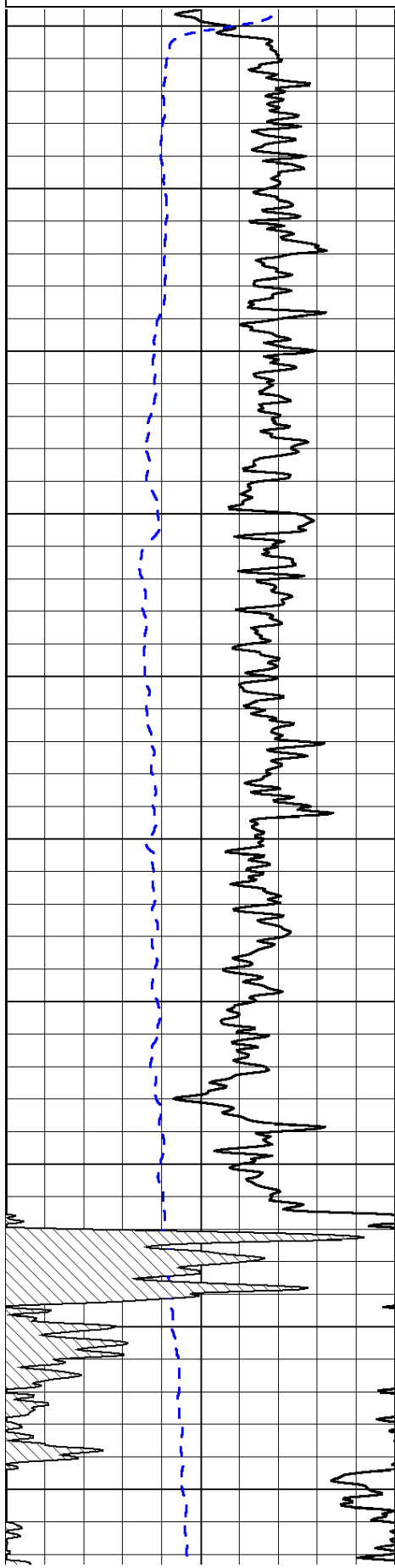
Levant, 11 North from Railroad Tracks, 1 West, 1 North, 1/4 West, South Into

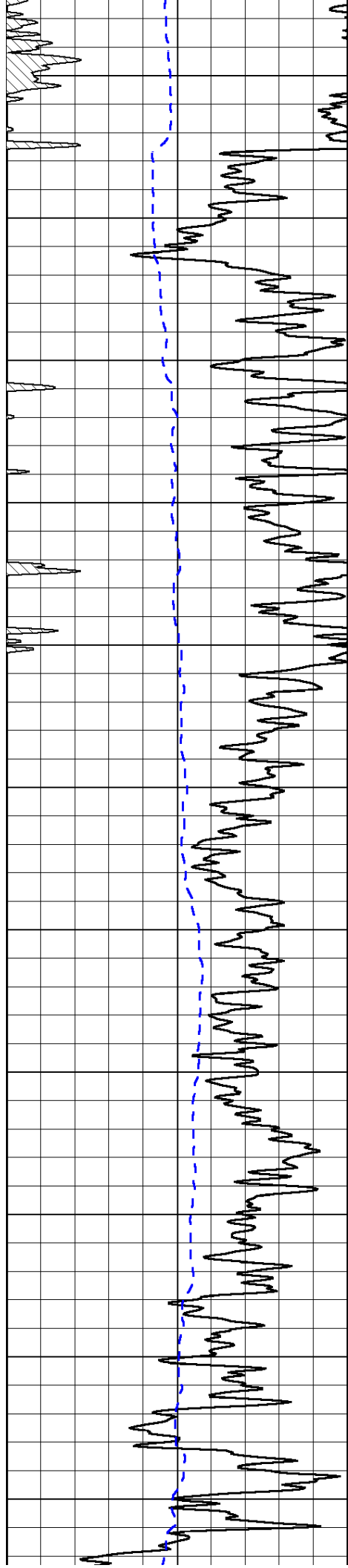
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Dataset Pathname: dil/britstck
Presentation Format: dil2in
Dataset Creation: Sun Jan 18 20:56:38 2015
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	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





850

900

950

1000

1050

1100

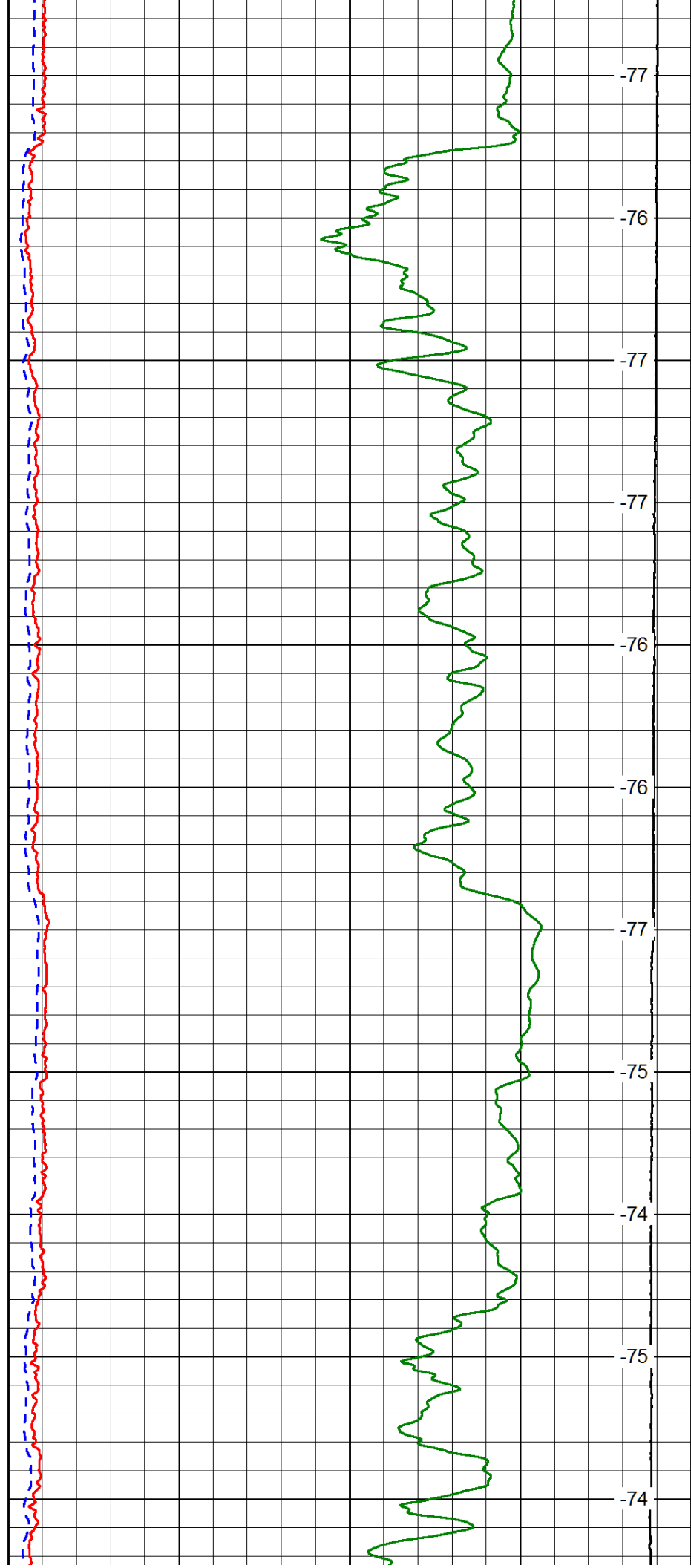
1150

1200

1250

1300

1350



-77

-76

-77

-77

-76

-76

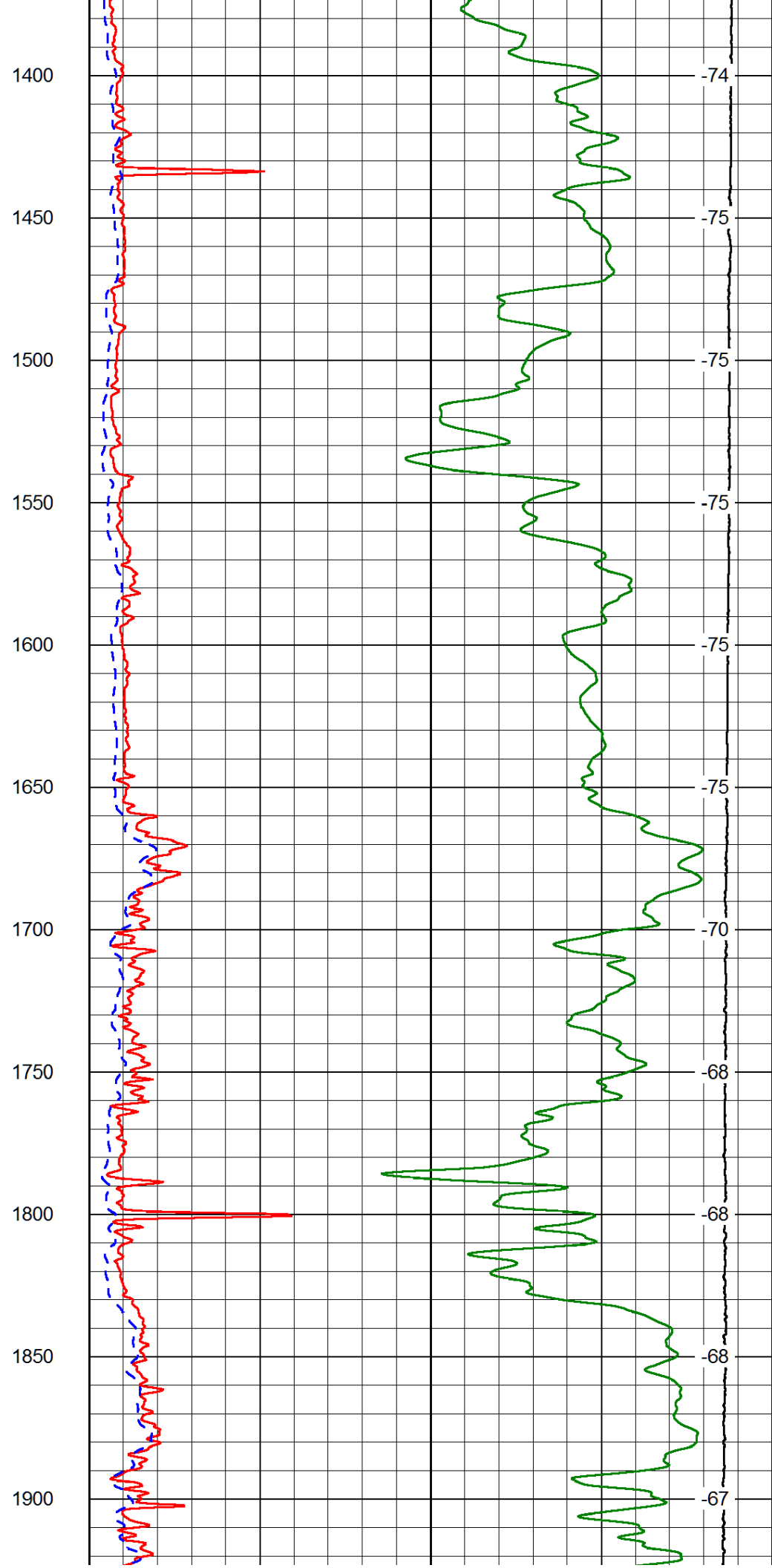
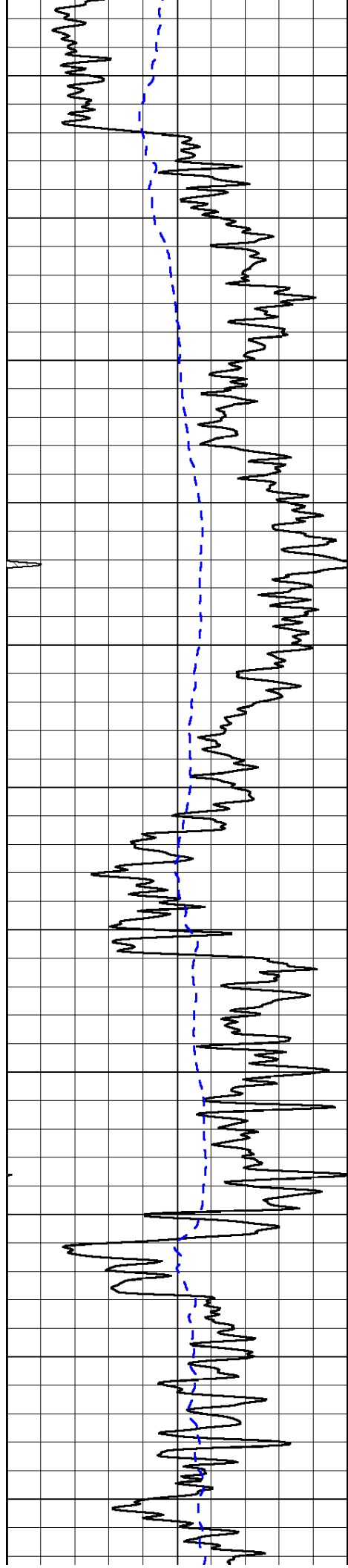
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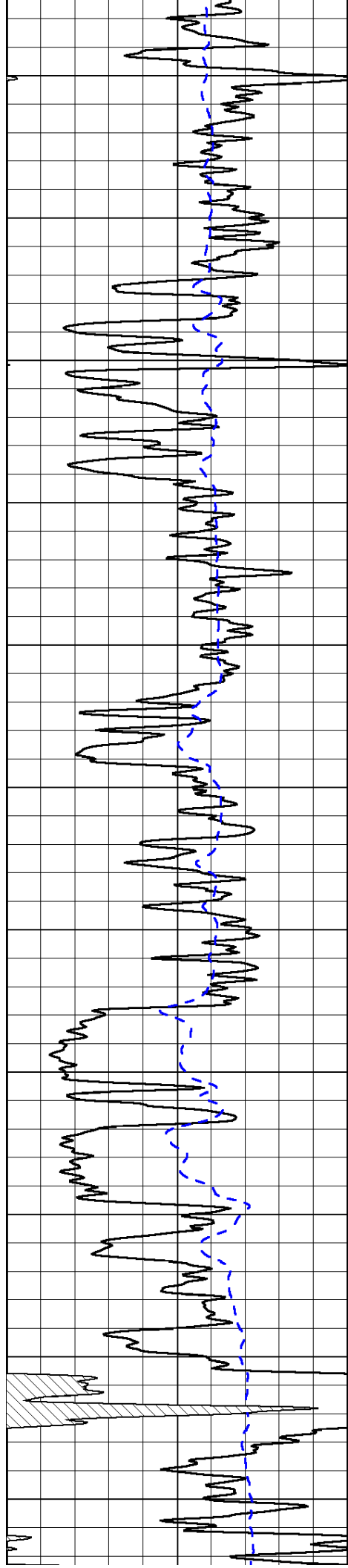
-75

-74

-75

-74





1950

2000

2050

2100

2150

2200

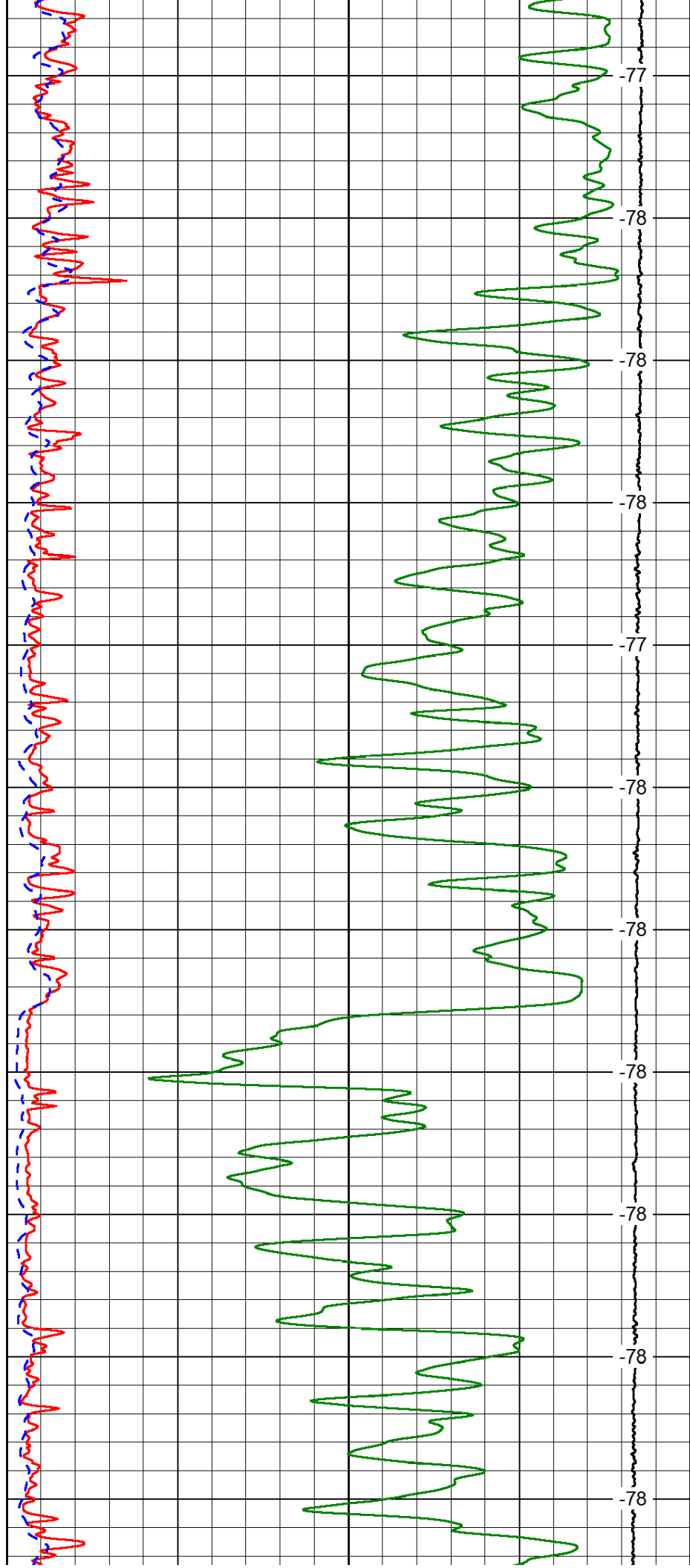
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2300

2350

2400

2450



-77

-78

-78

-78

-77

-78

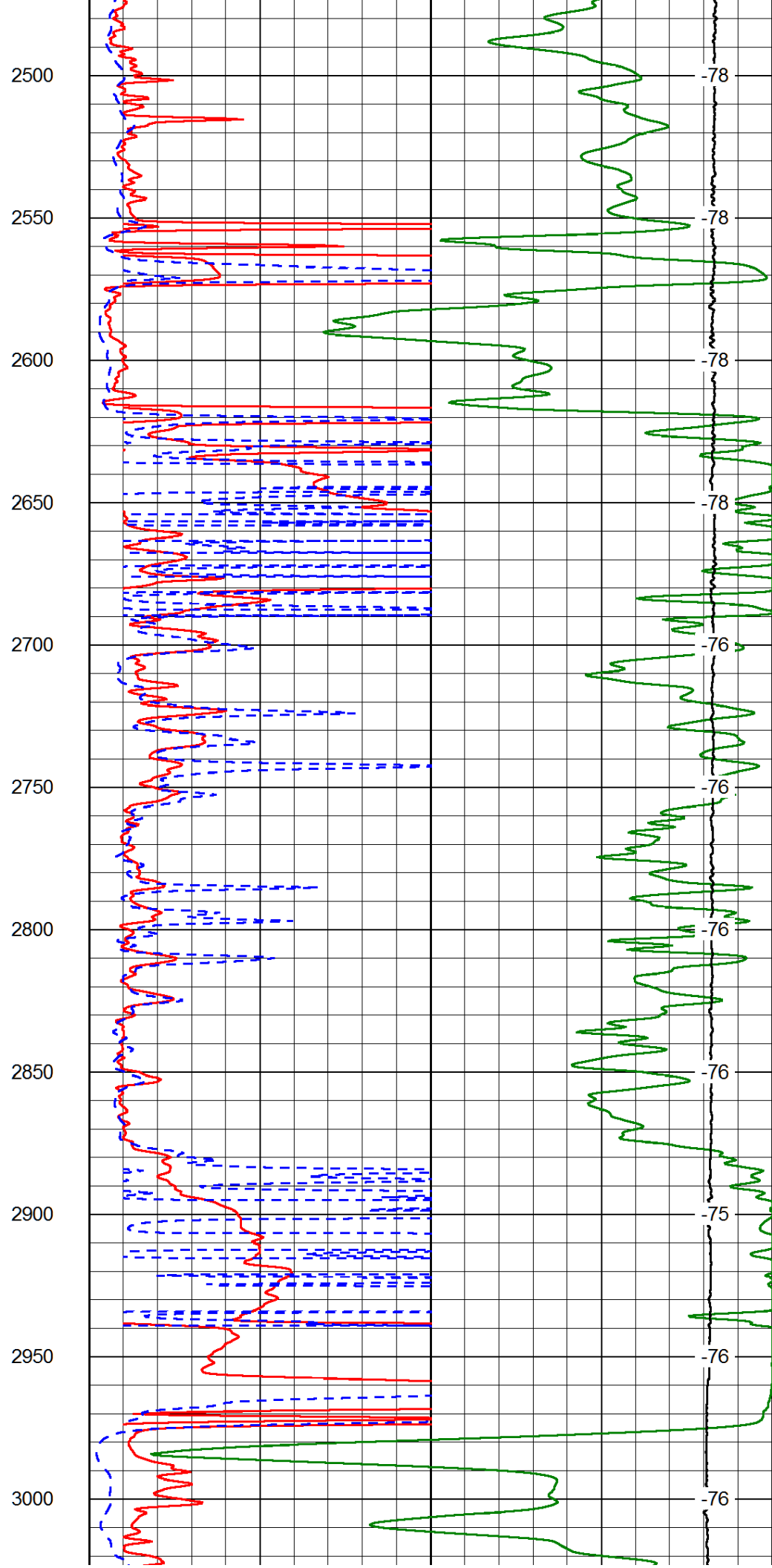
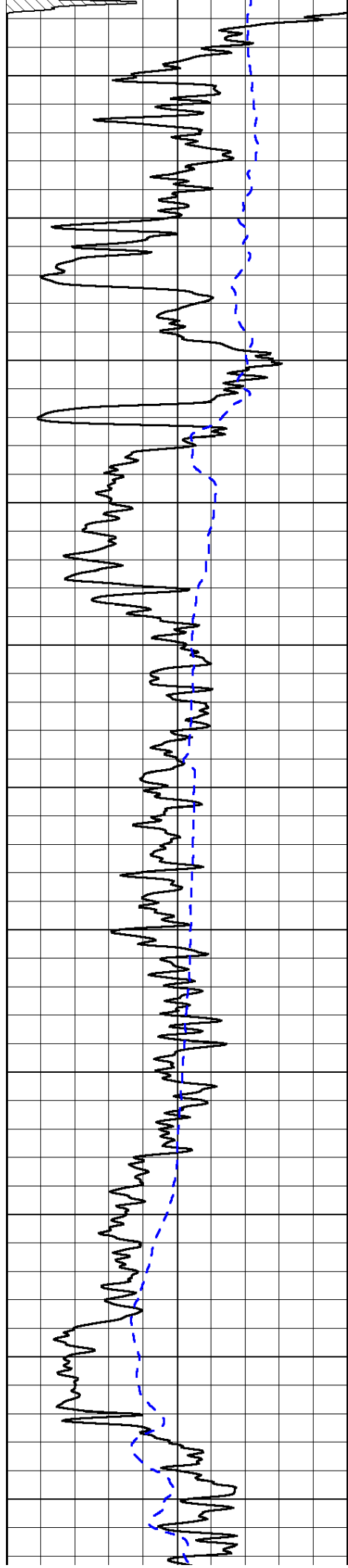
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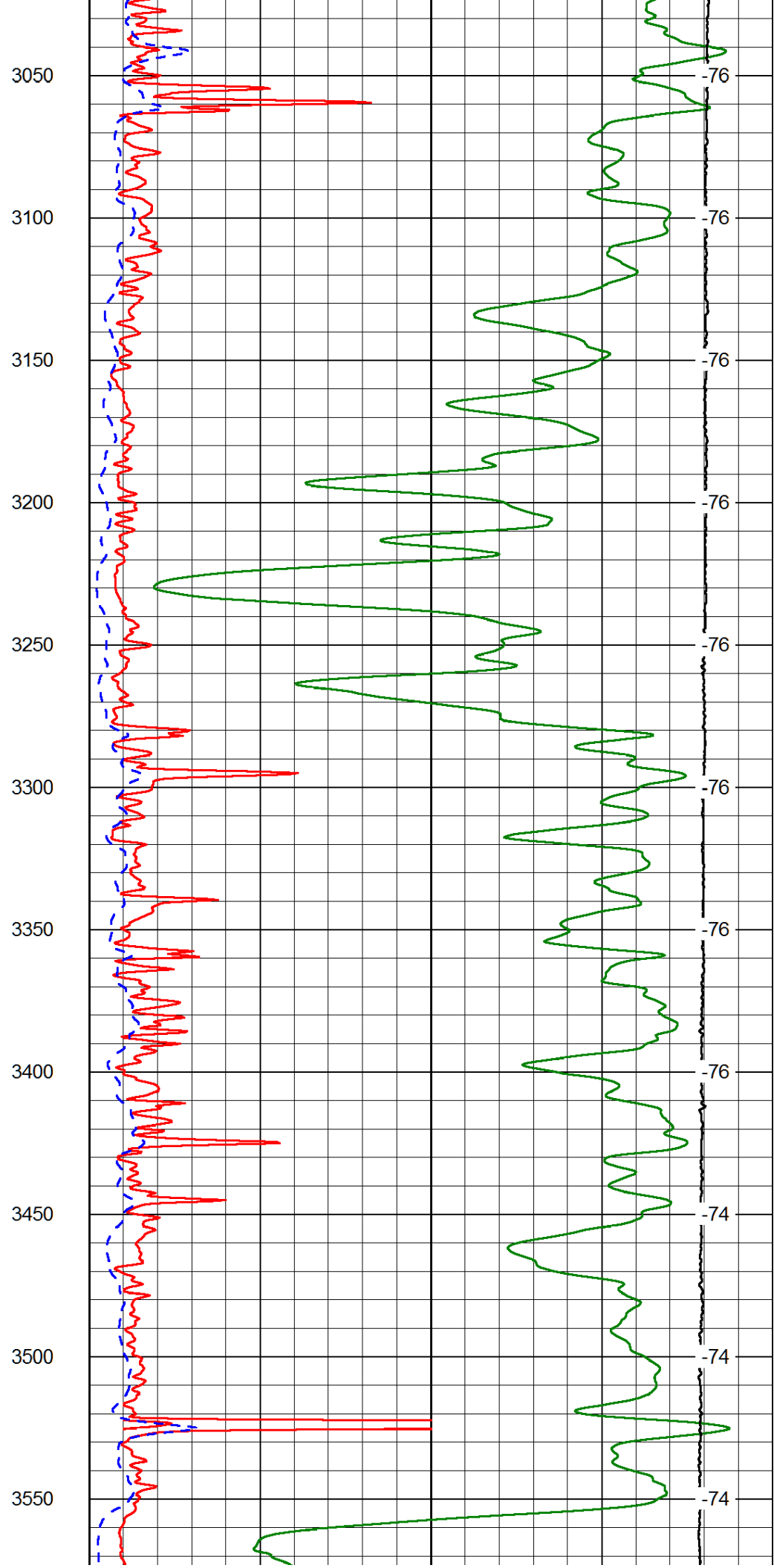
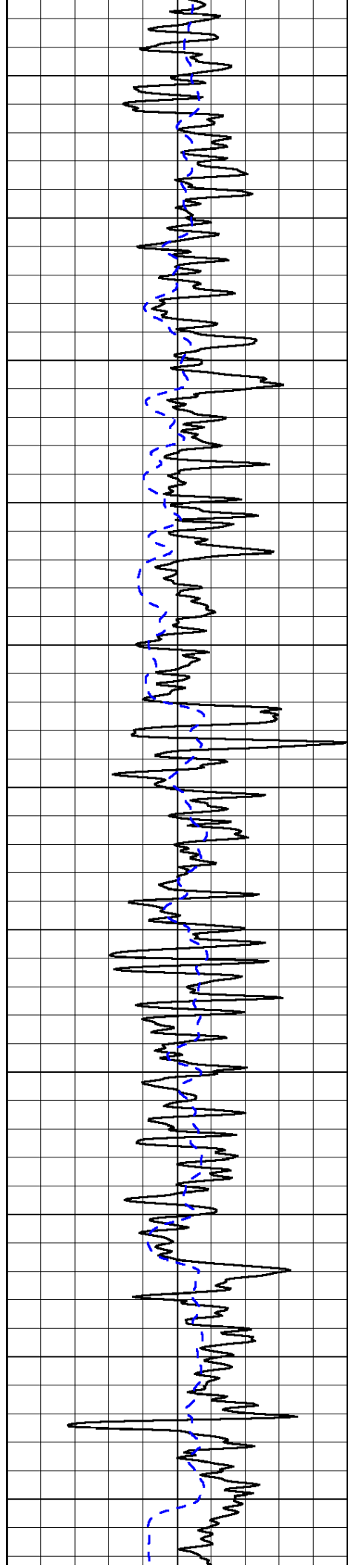
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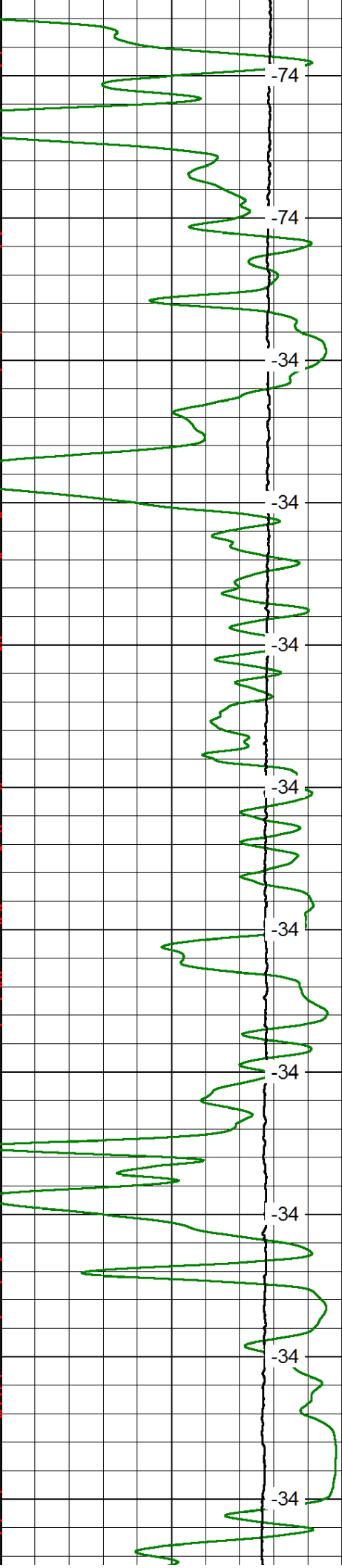
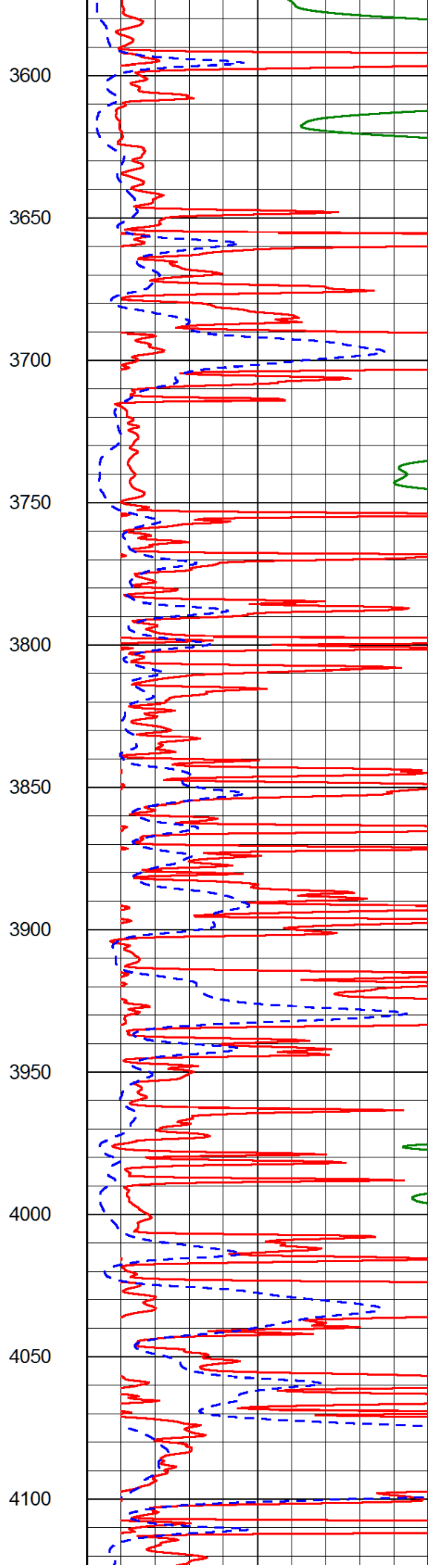
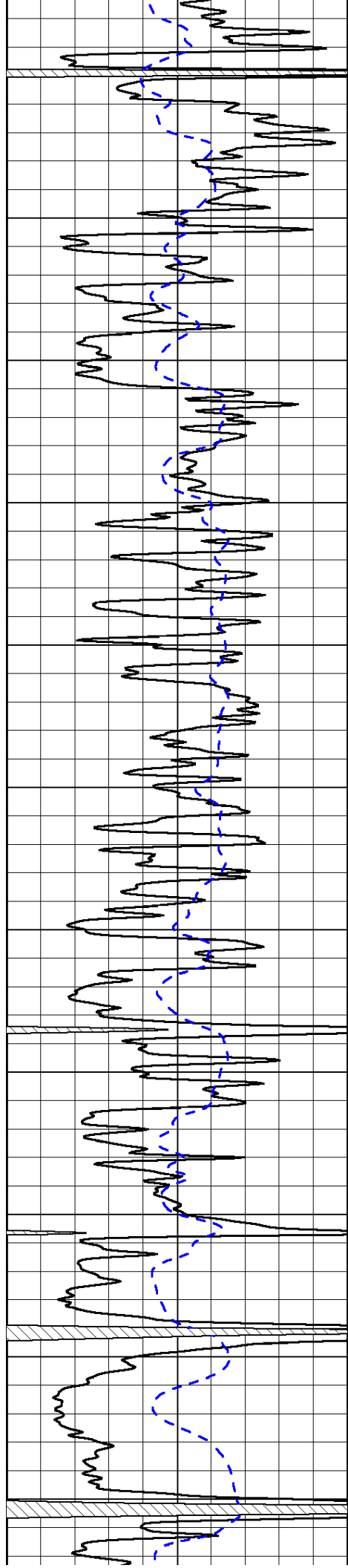
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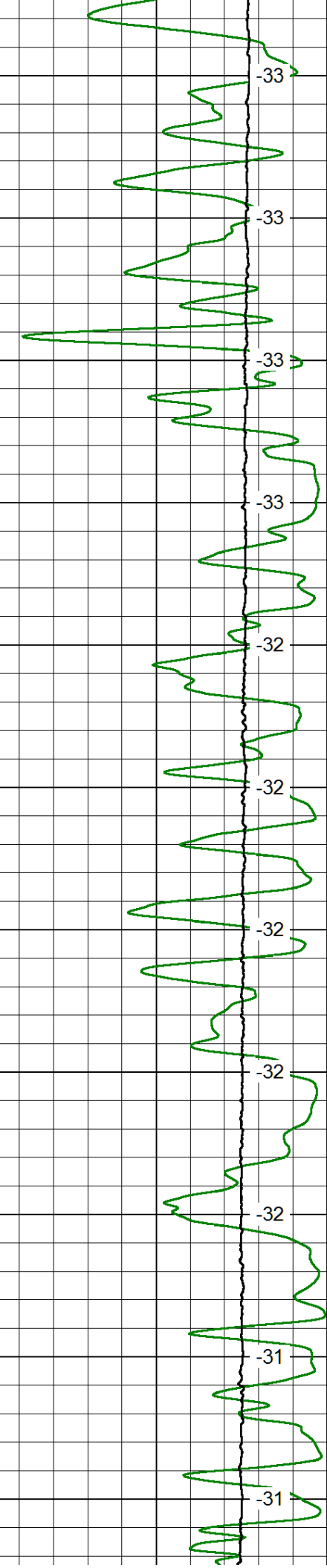
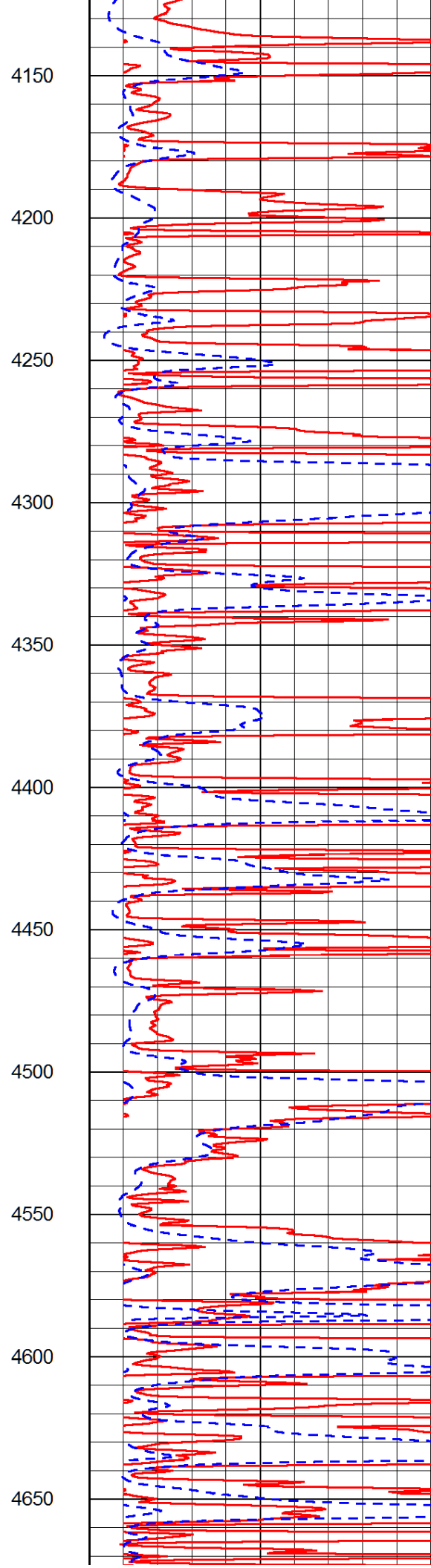
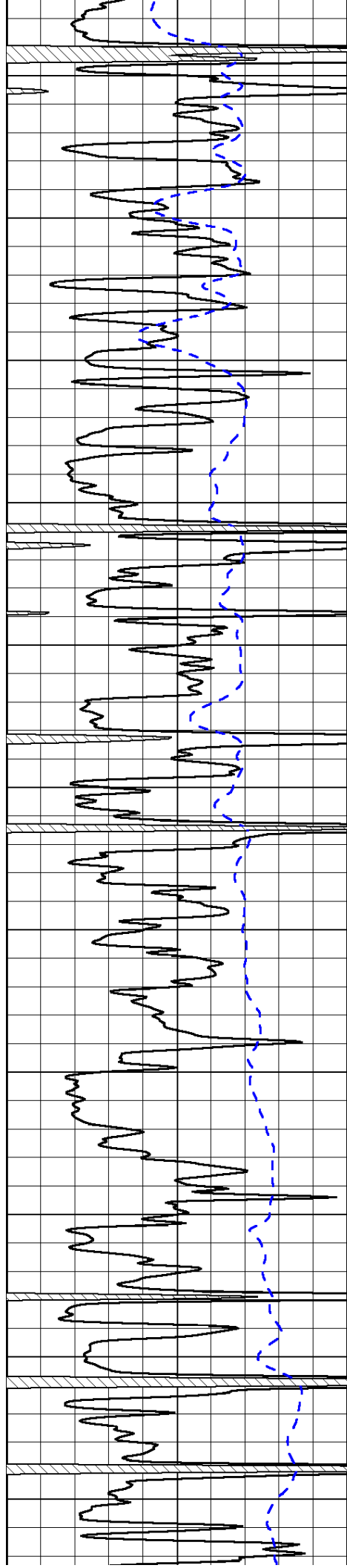
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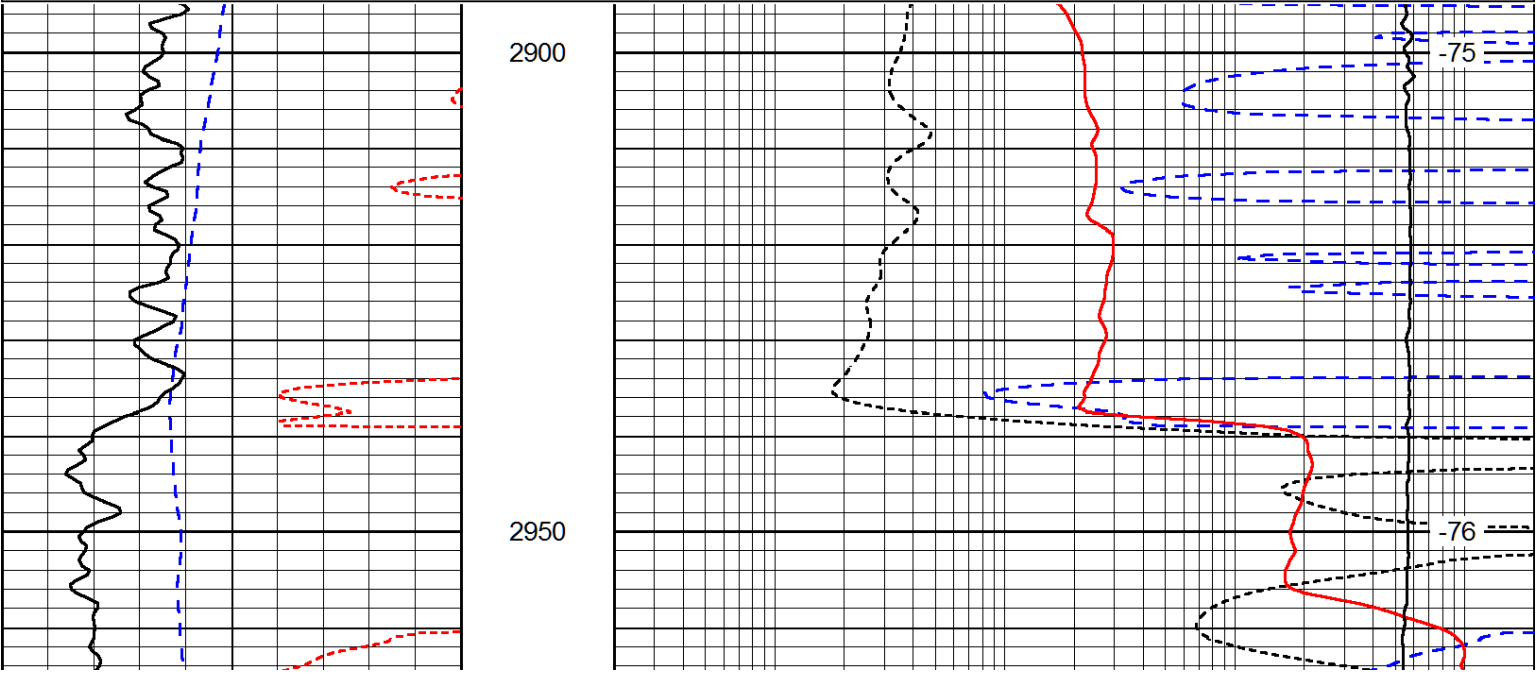
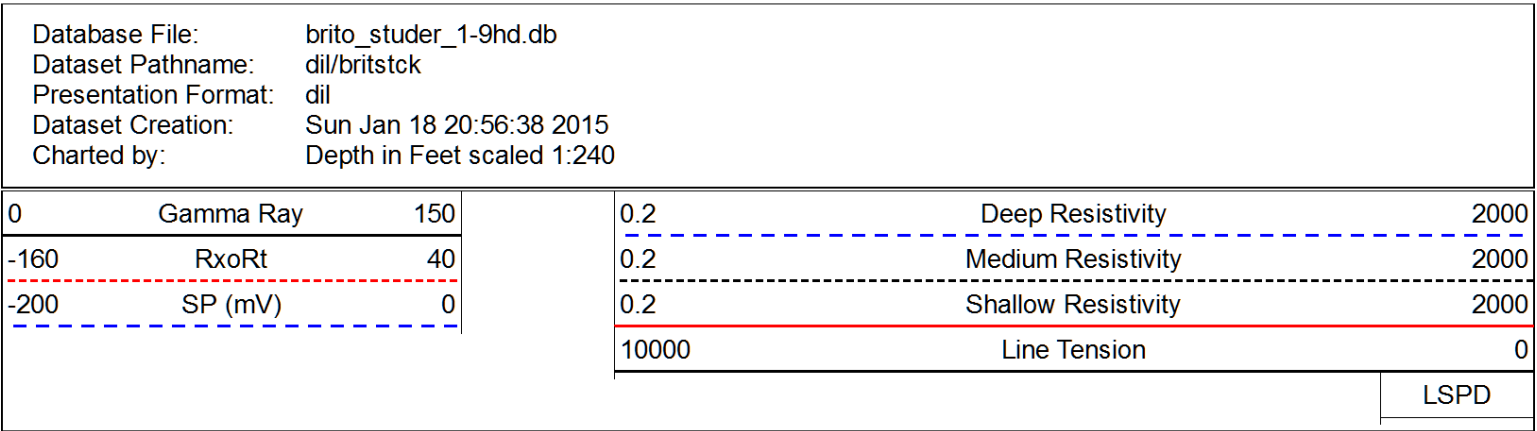
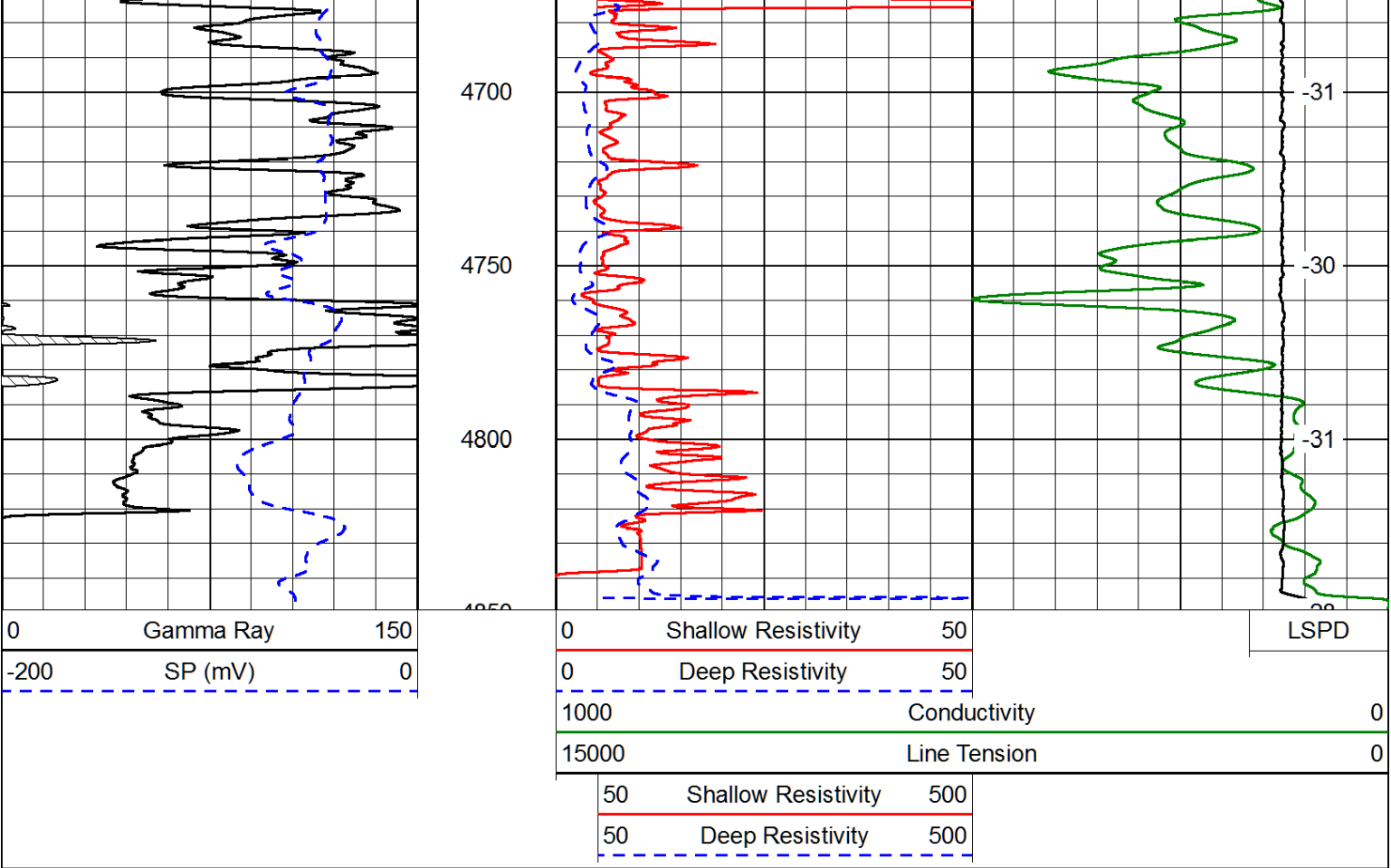
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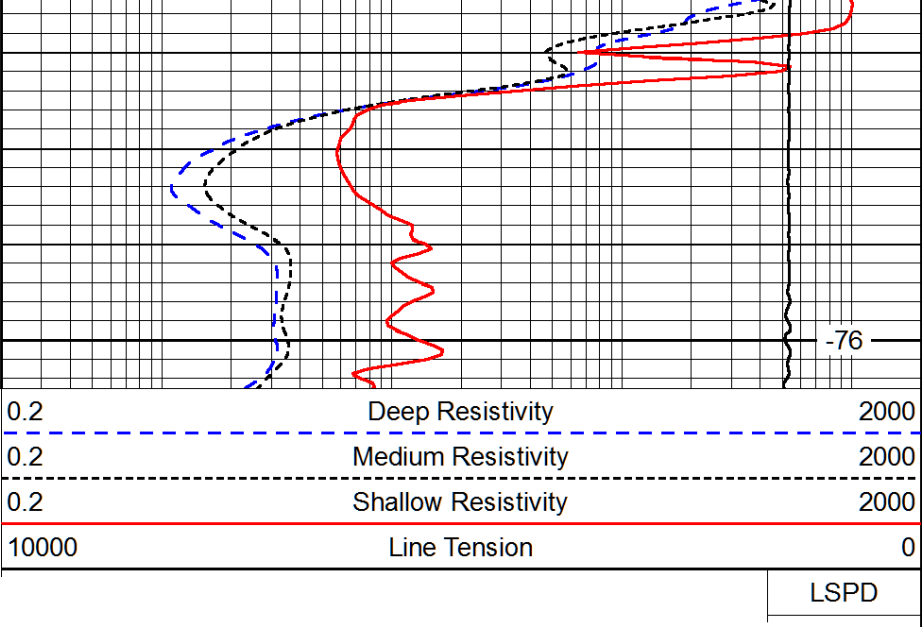
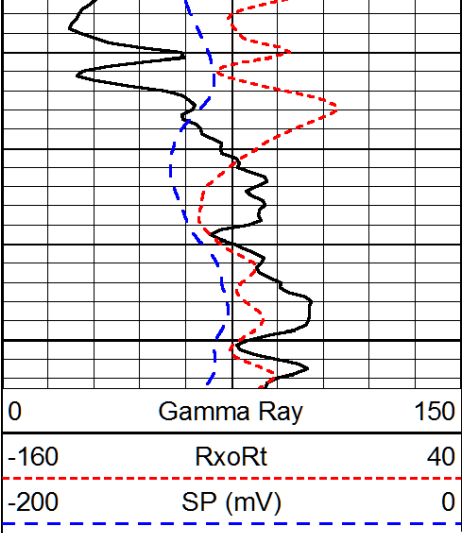




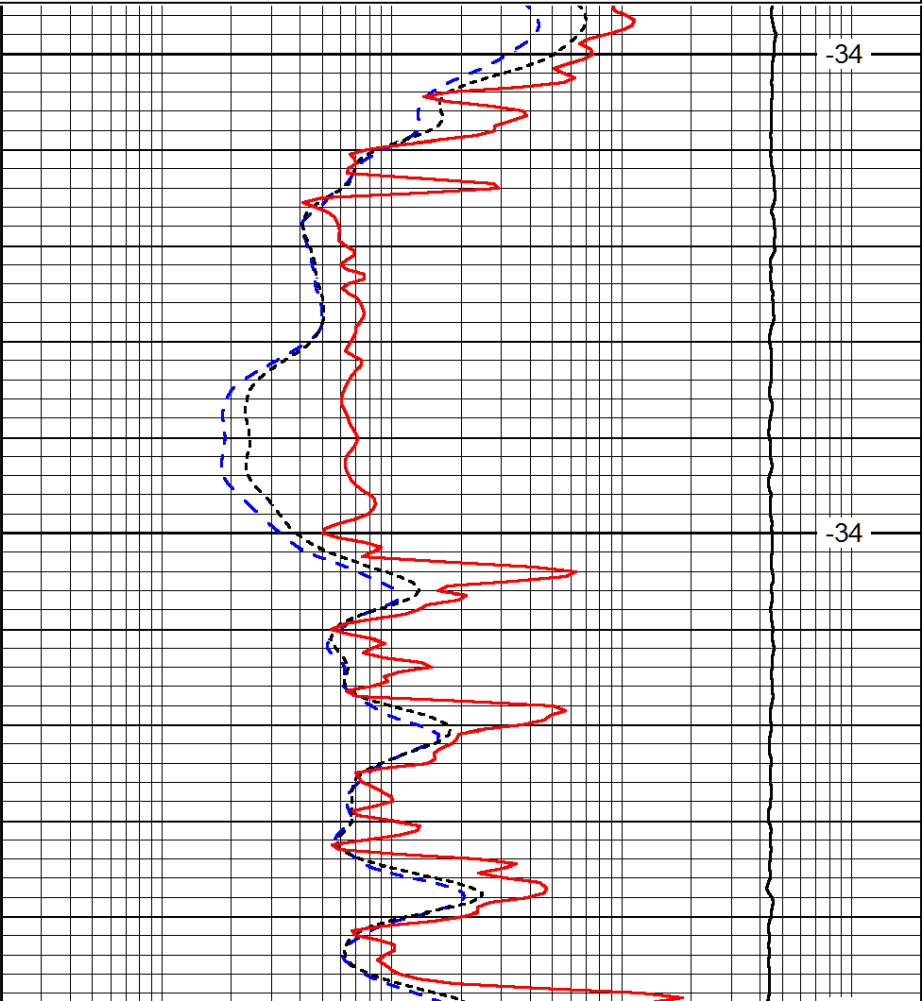
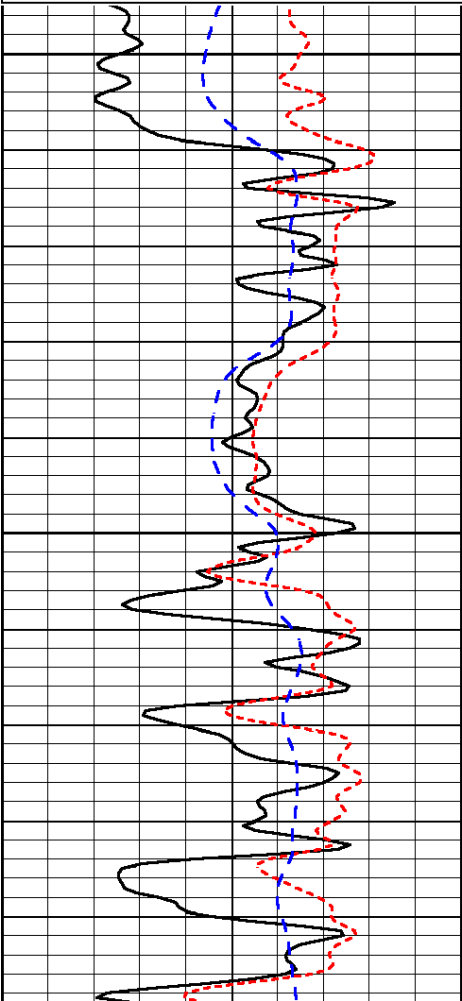
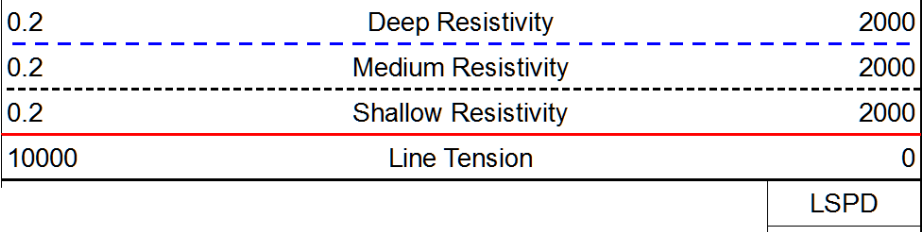
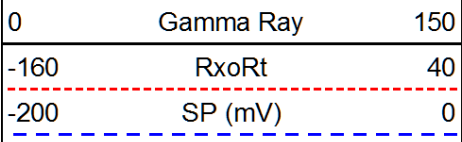


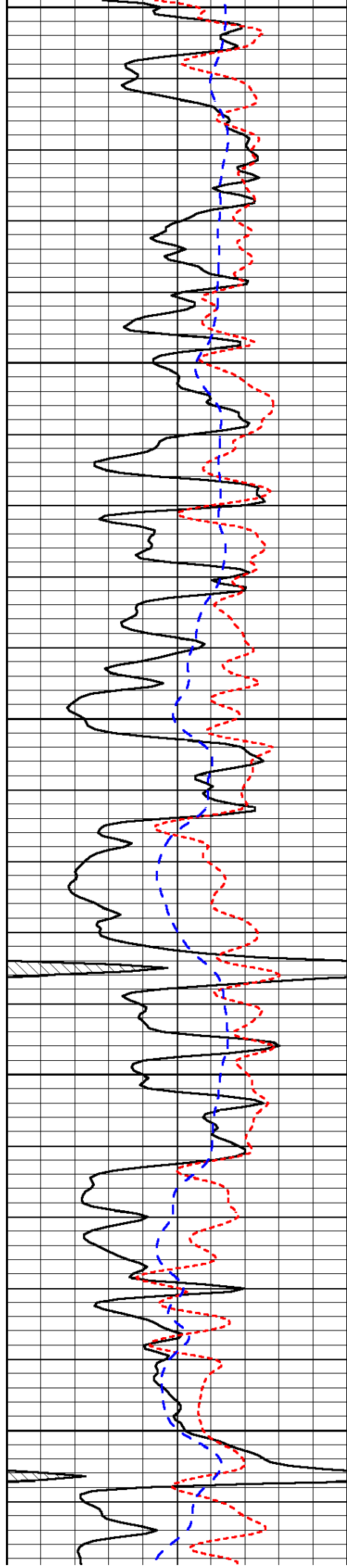






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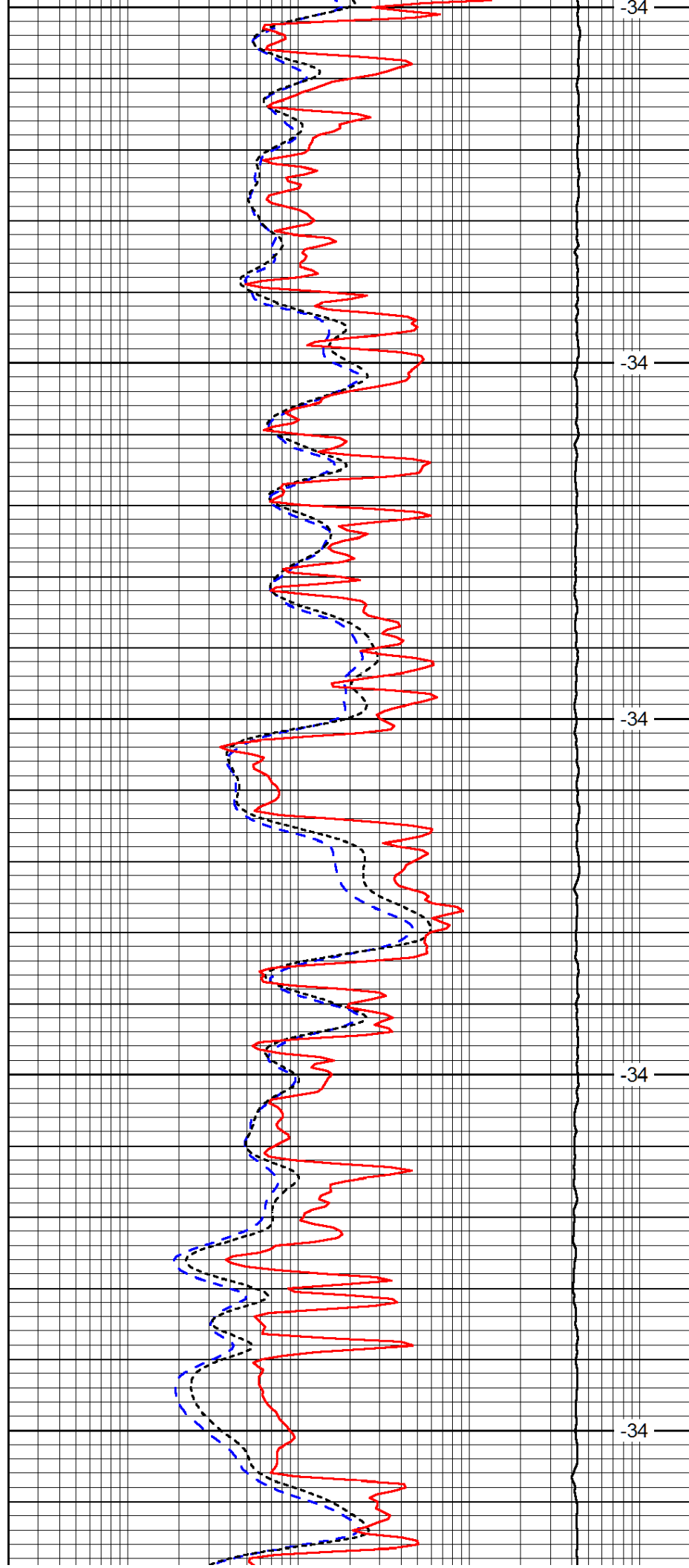
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3850

3900

3950

4000



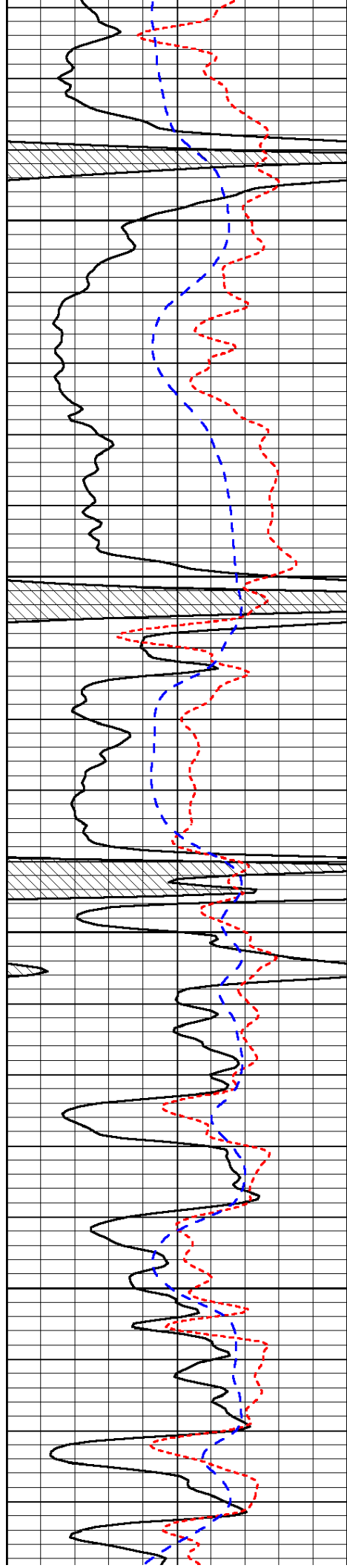
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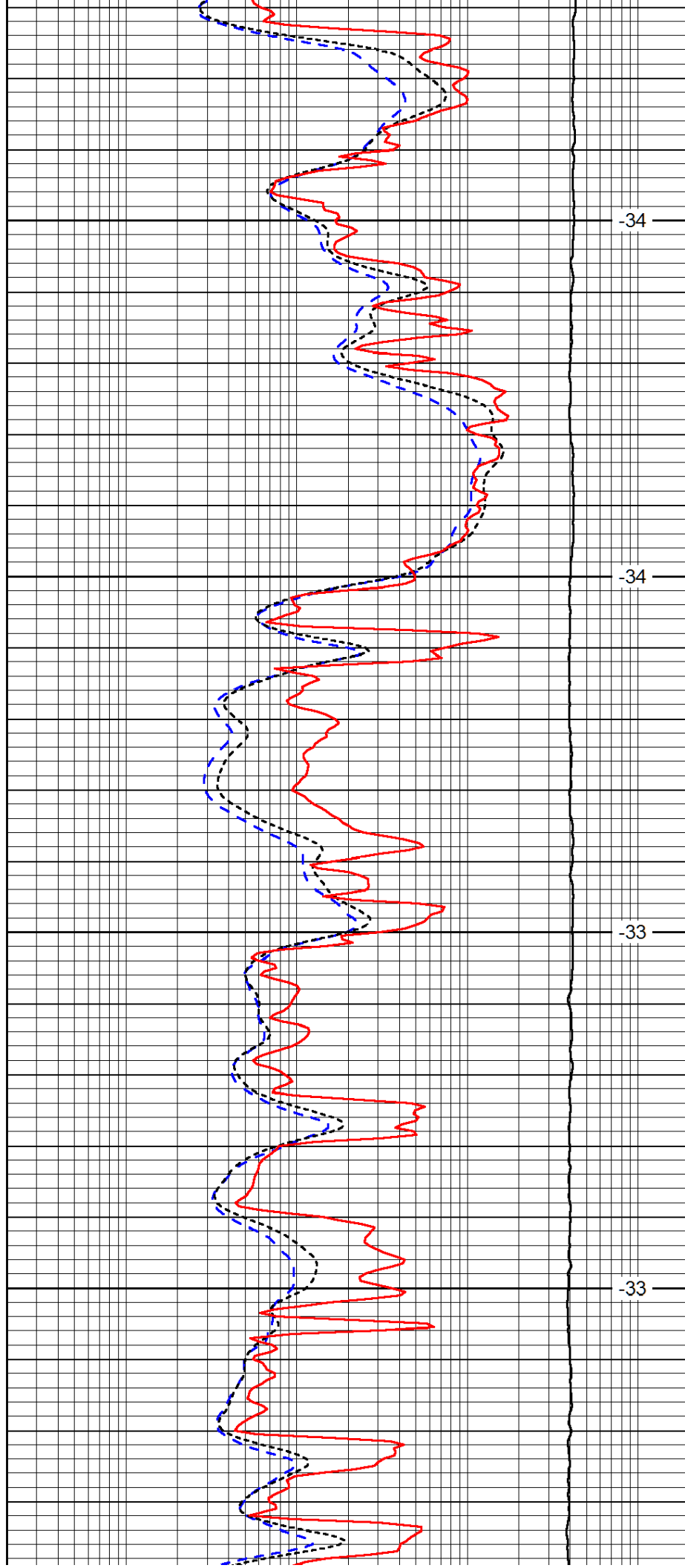


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4100

4150

4200

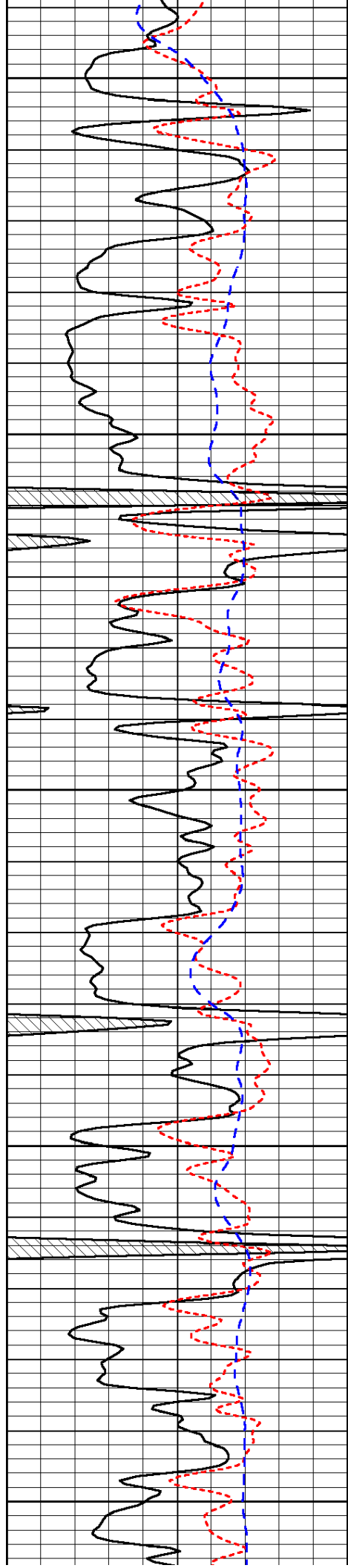


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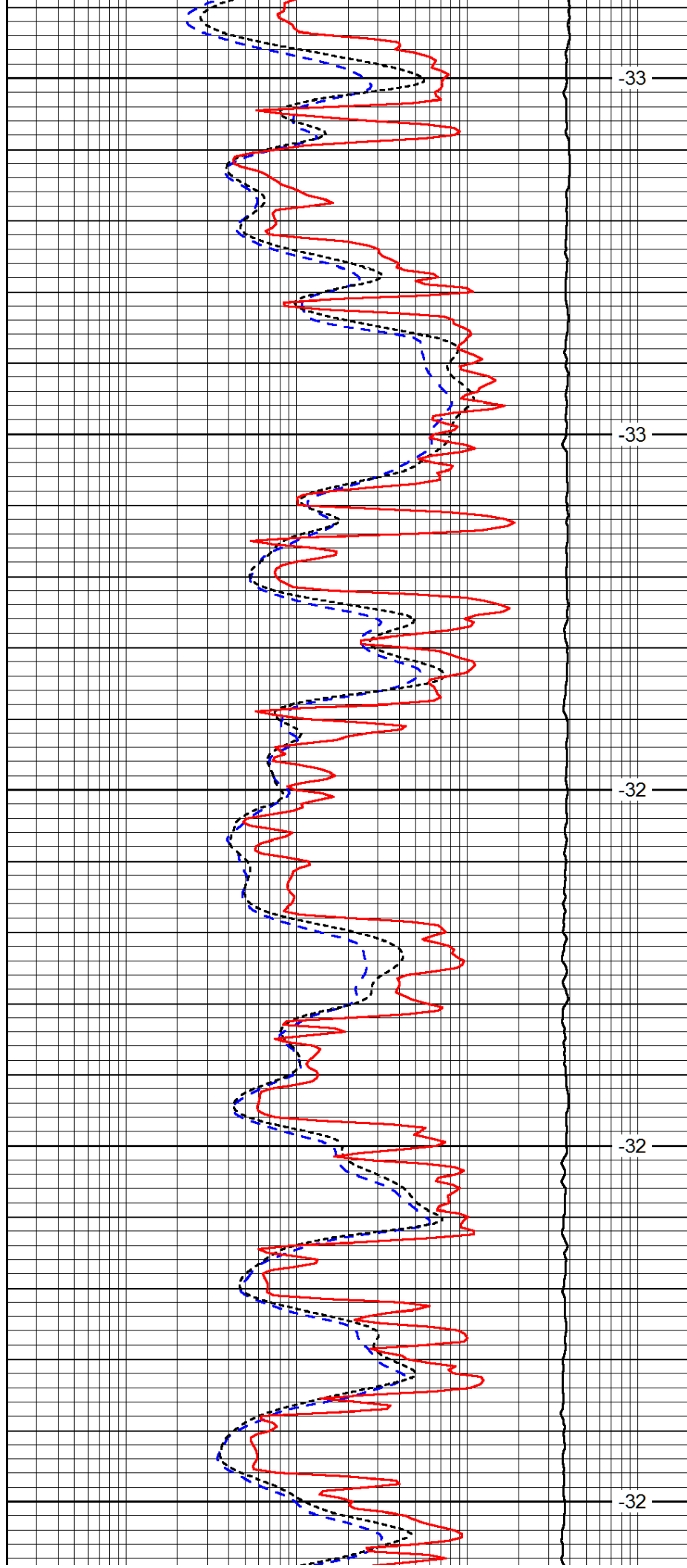
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4350

4400

4450



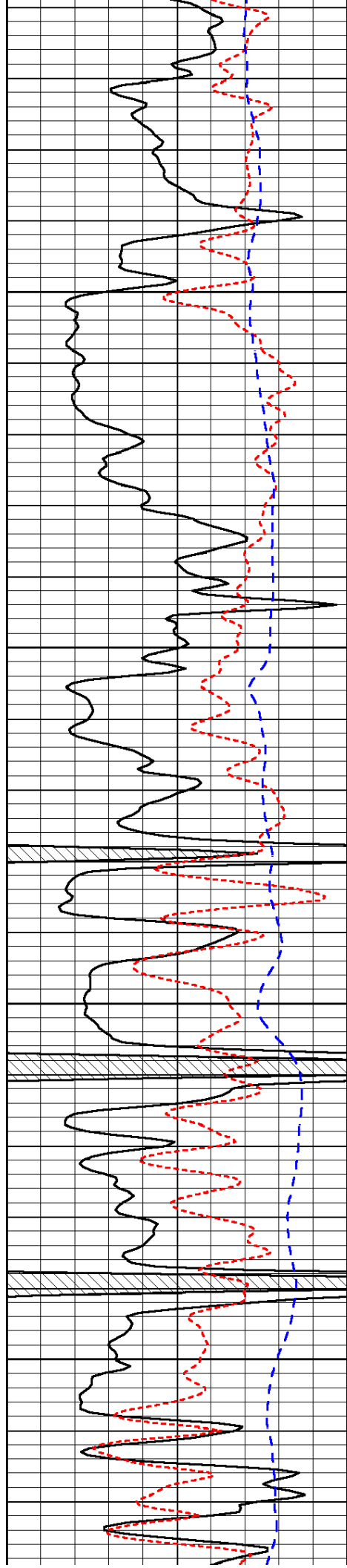
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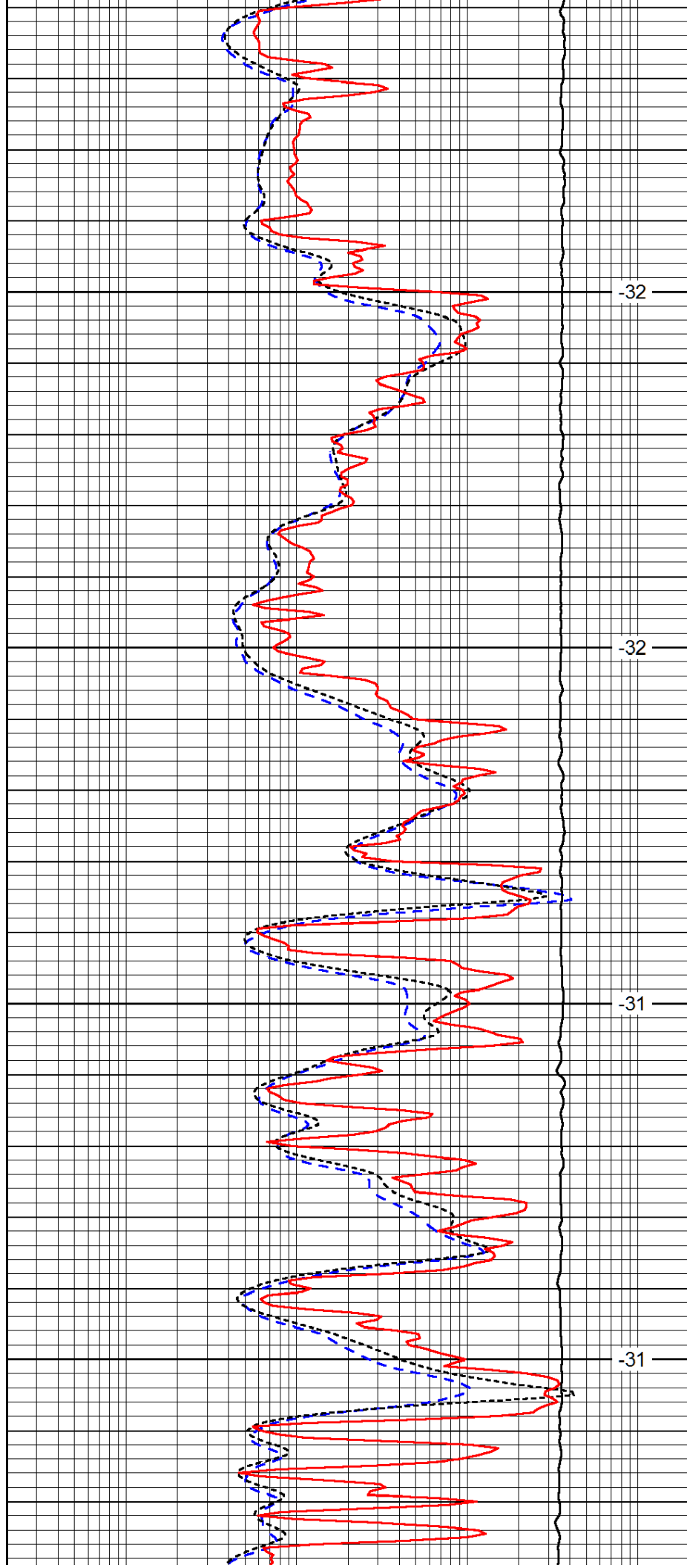


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4600

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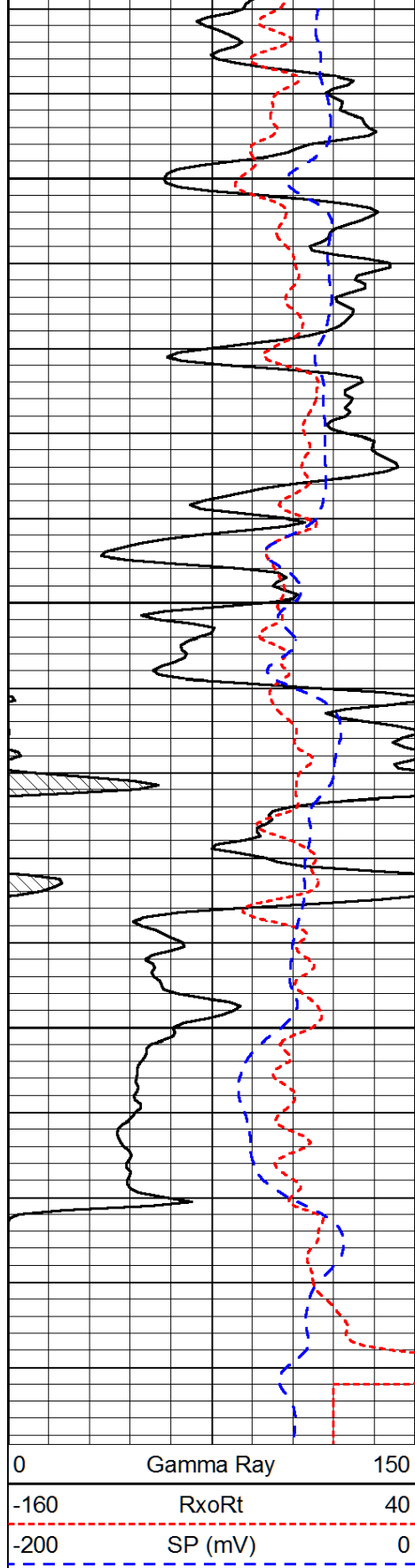


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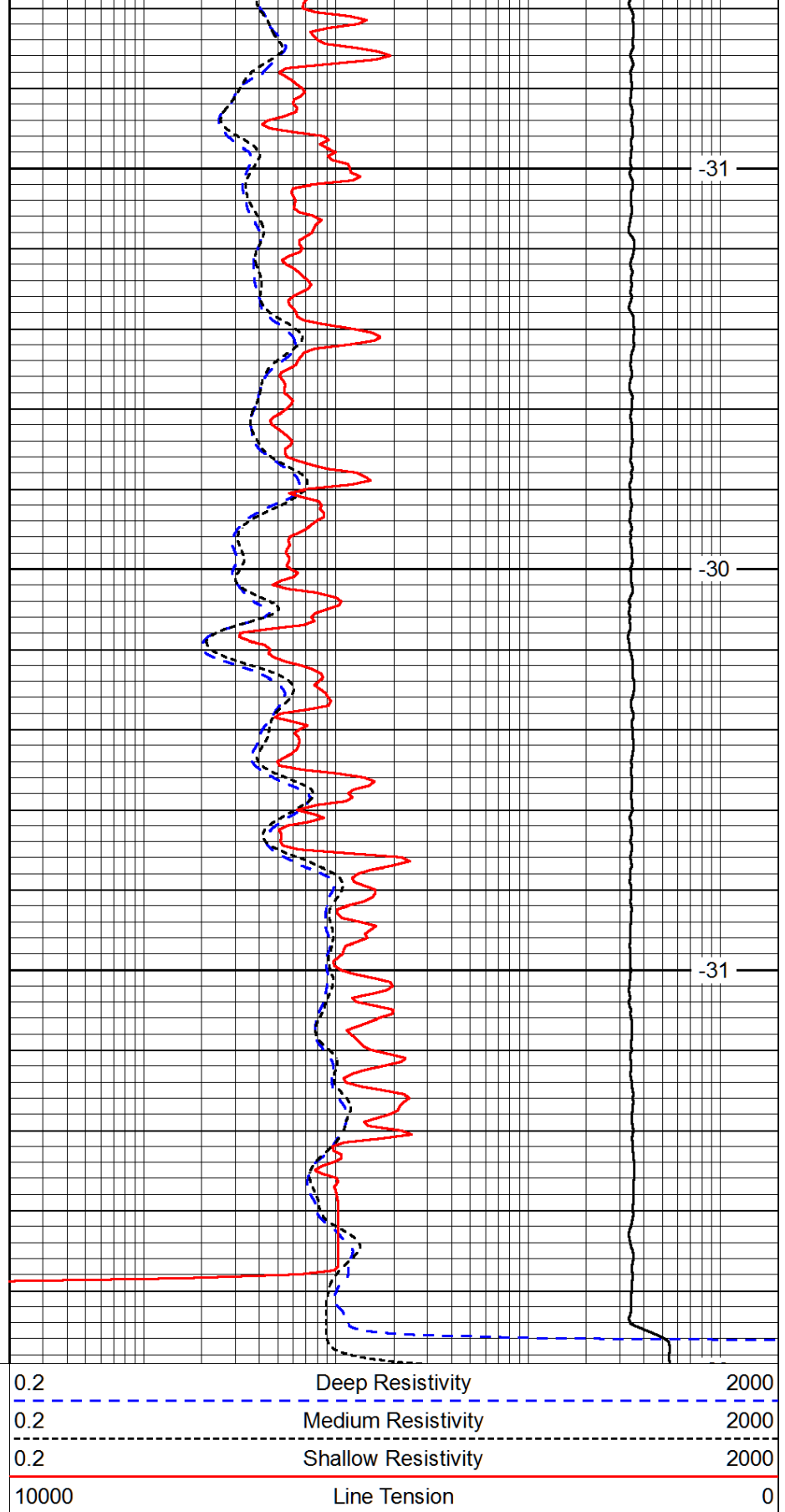
-31



4700

4750

4800



-31

-30

-31

LSPD