



Dual Induction Log

Pioneer Energy Services

API No.

15-153-21,112-00-00

Company Bow Creek Oil Company

Well Skolout B No. 1-25

Field Wildcat

County Rawlins

State

Kansas

Location

440' FNL & 2,020' FEL

Sec: 25

Twp: 1S

Rge: 35W

Other Services
CNL/CDL
MEL/BHCS

Permanent Datum

Ground Level

Elevation 3088

Log Measured From

Kelly Bushing

10 Ft. Above Perm. Datum

K.B. 3098
D.F.
G.L. 3088

Drilling Measured From

Kelly Bushing

Date

2/28/2015

Run Number

One

Depth Driller

4759

Depth Logger

4759

Bottom Logged Interval

4758

Top Log Interval

300

Casing Driller

8.625 @ 349

Casing Logger

348

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1200

Density / Viscosity

9.4 50

pH / Fluid Loss

10.0 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

1.60 @ 68

Rmf @ Meas. Temp

1.20 @ 68

Rmc @ Meas. Temp

2.16 @ 68

Source of Rmf / Rmc

Charts

Rm @ BHT

.88 @ 124

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

124

Equipment Number

108

Location

Hays

Recorded By

J. Long

Witnessed By

Tony Stroup

Lyle Herman

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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 Pioneer Energy Services
785.625.3858

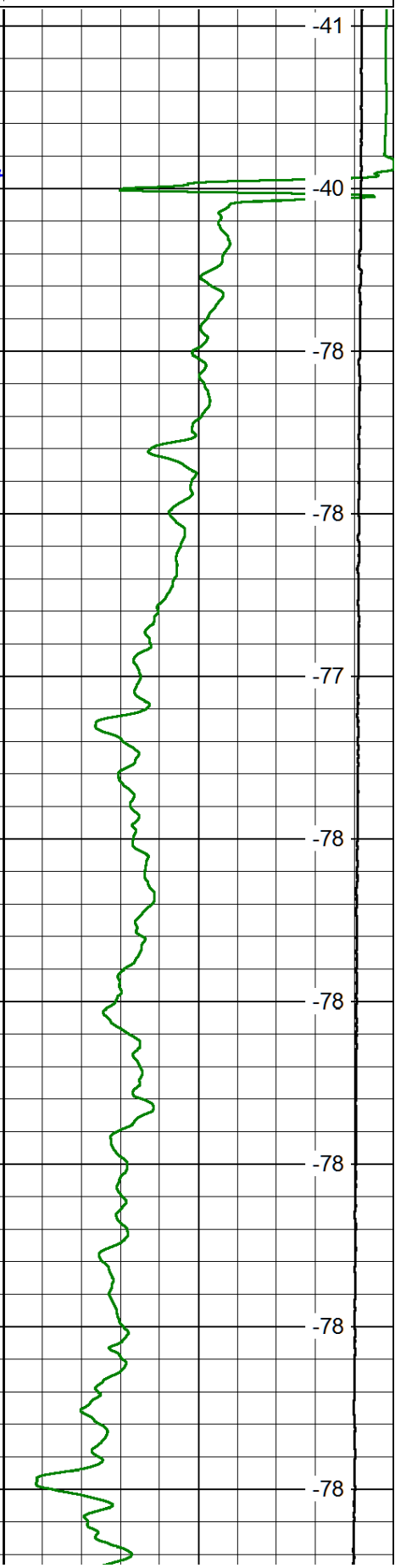
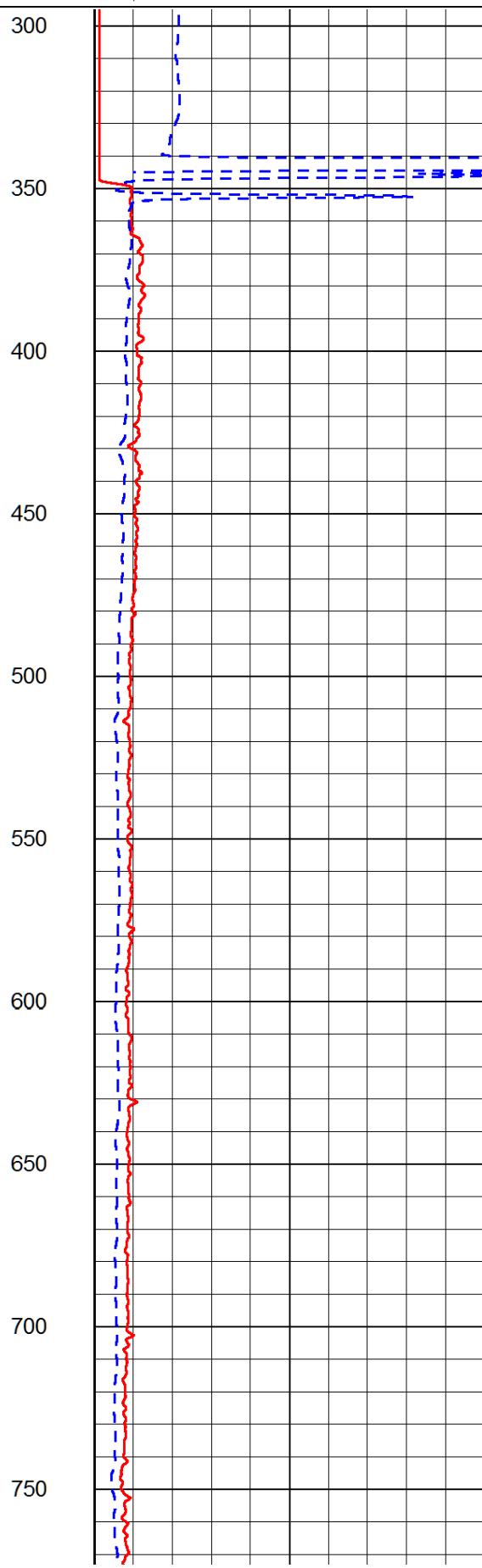
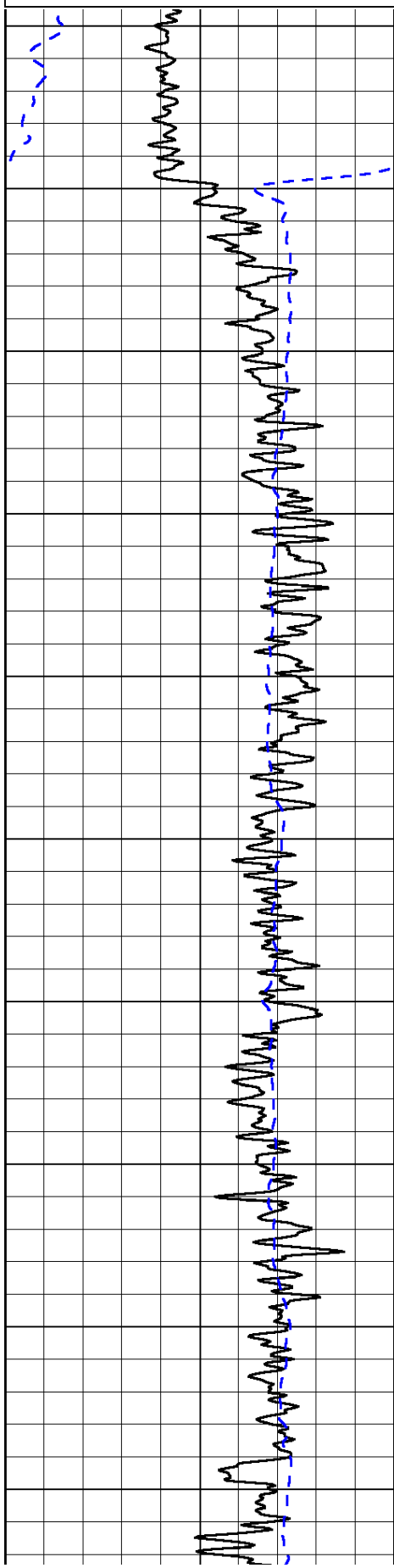
Atwood, North to AA Road, 7 1/3 West, South Into

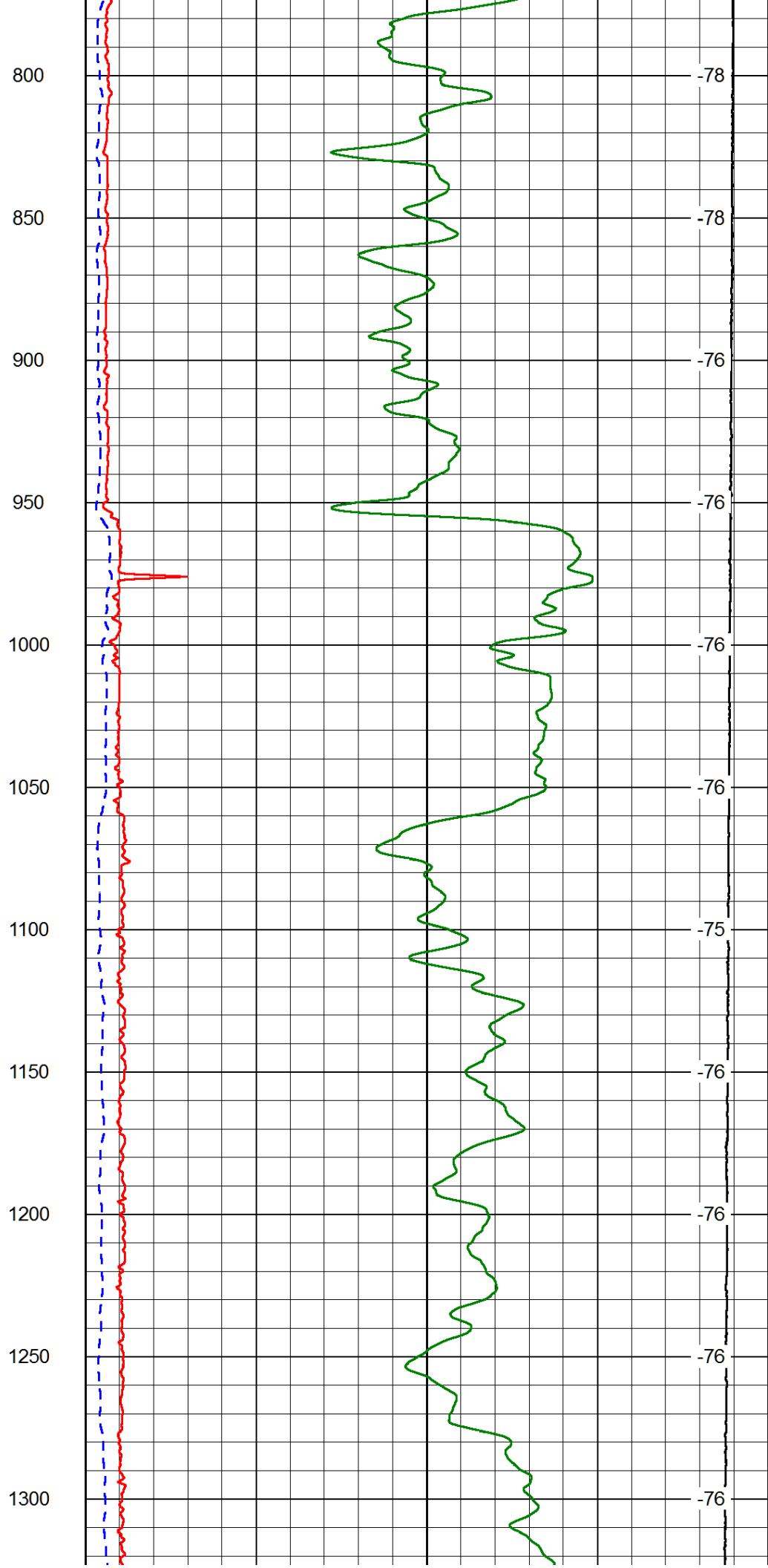
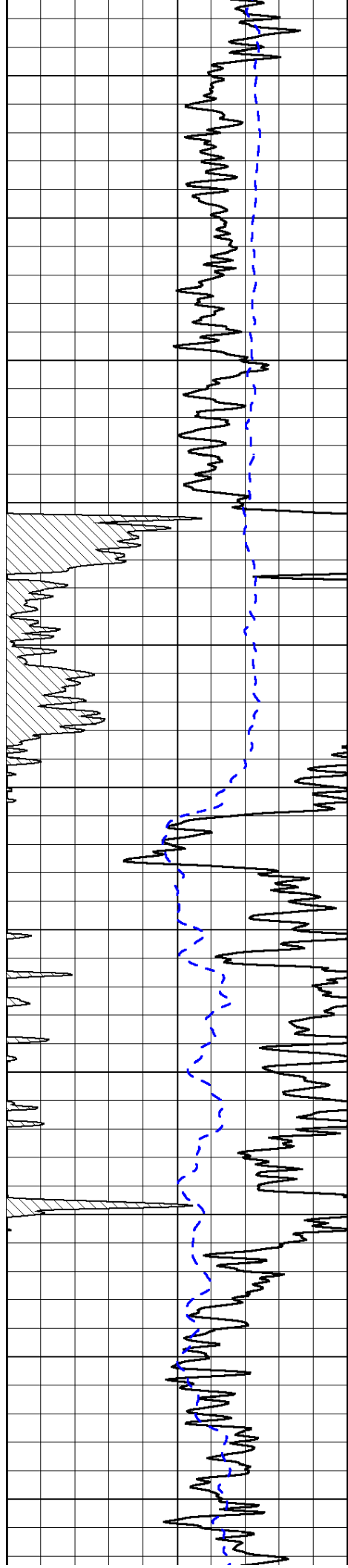
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Dataset Creation: Sat Feb 28 18:01:23 2015
Charted by: Depth in Feet scaled 1:600

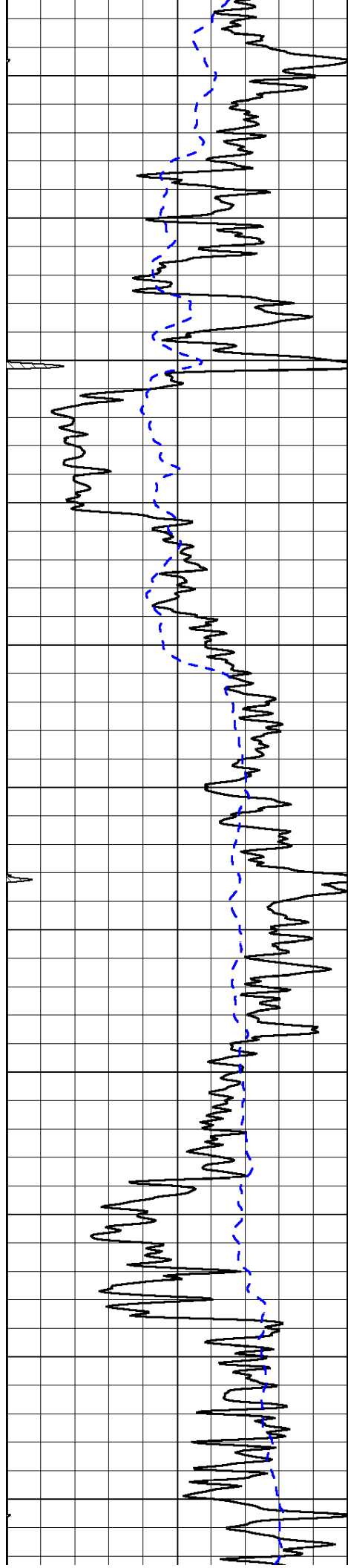
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-200	SP (mV)	0

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50	Deep Resistivity	500

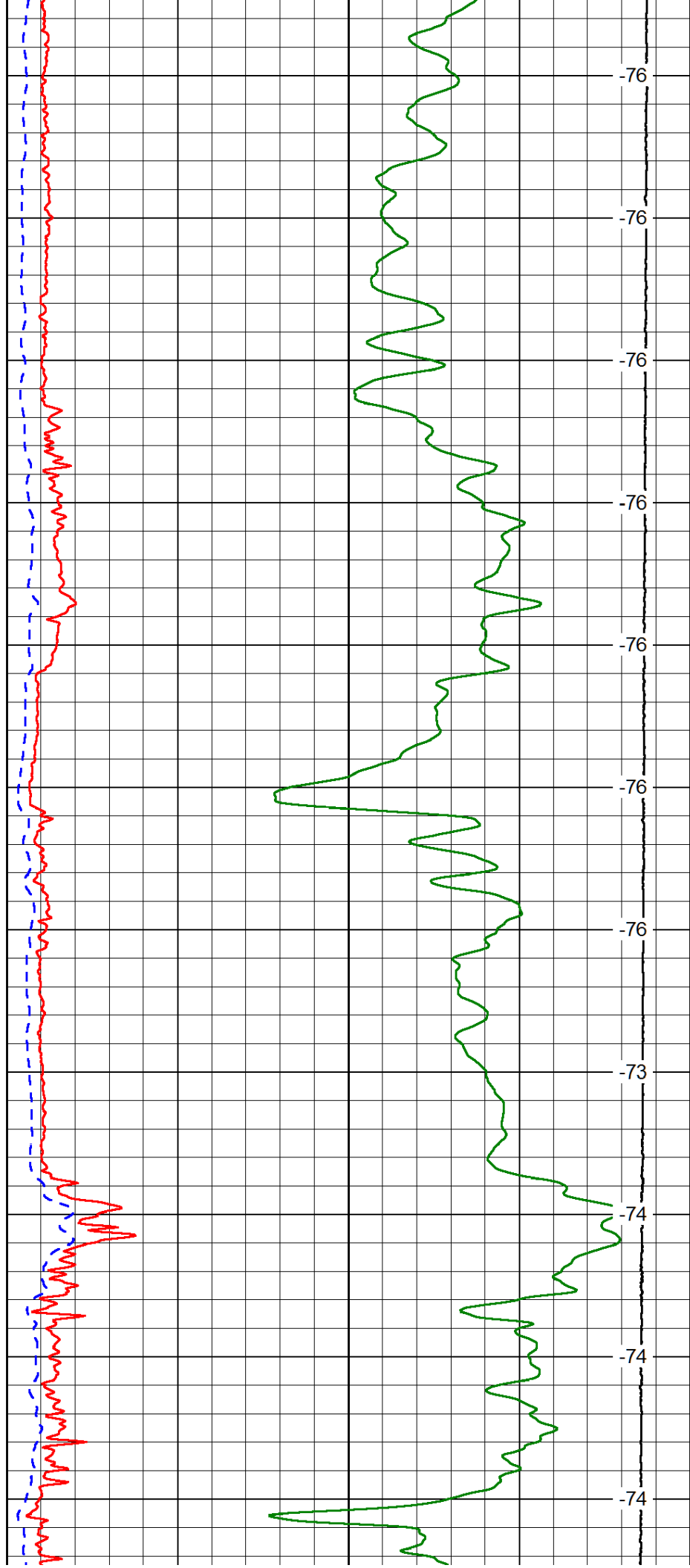
LSPD



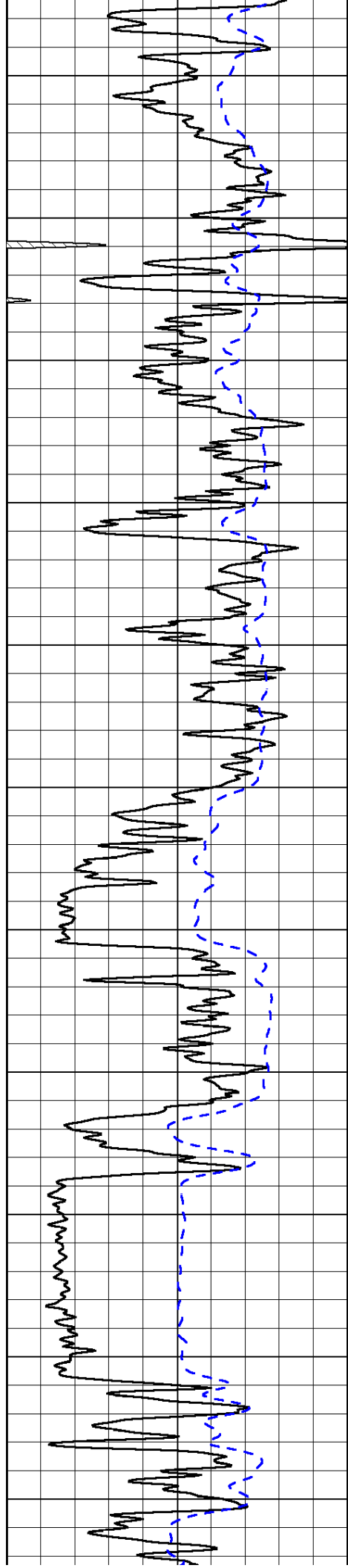




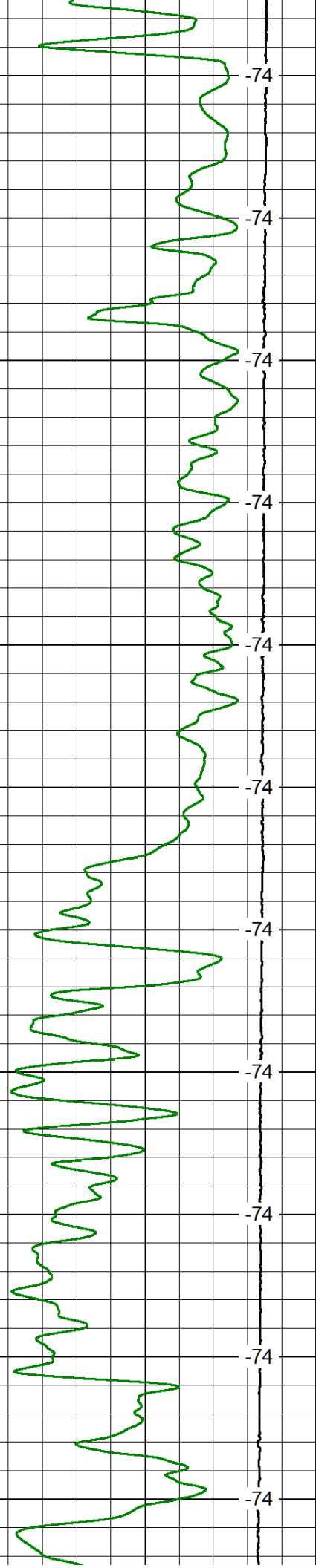
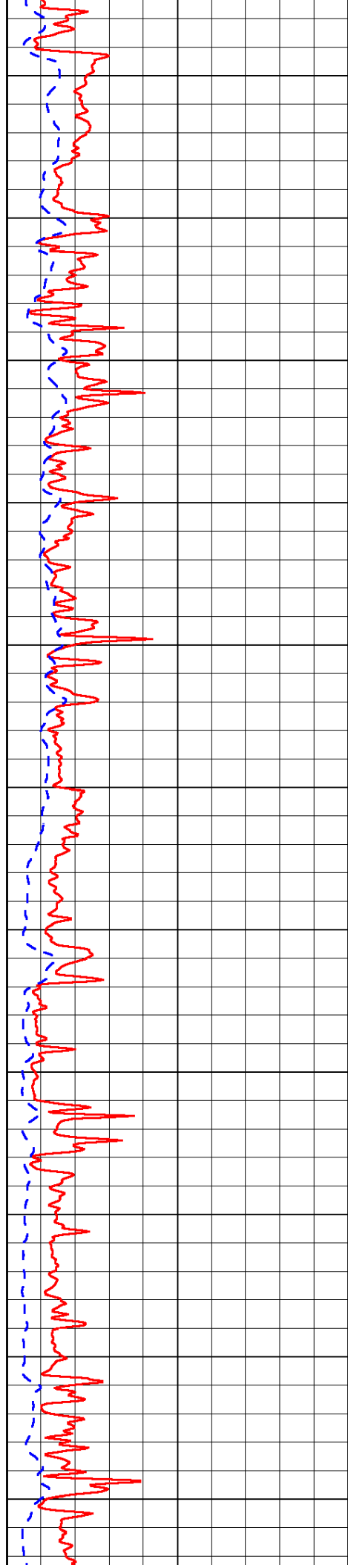
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1500
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1600
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1700
1750
1800
1850



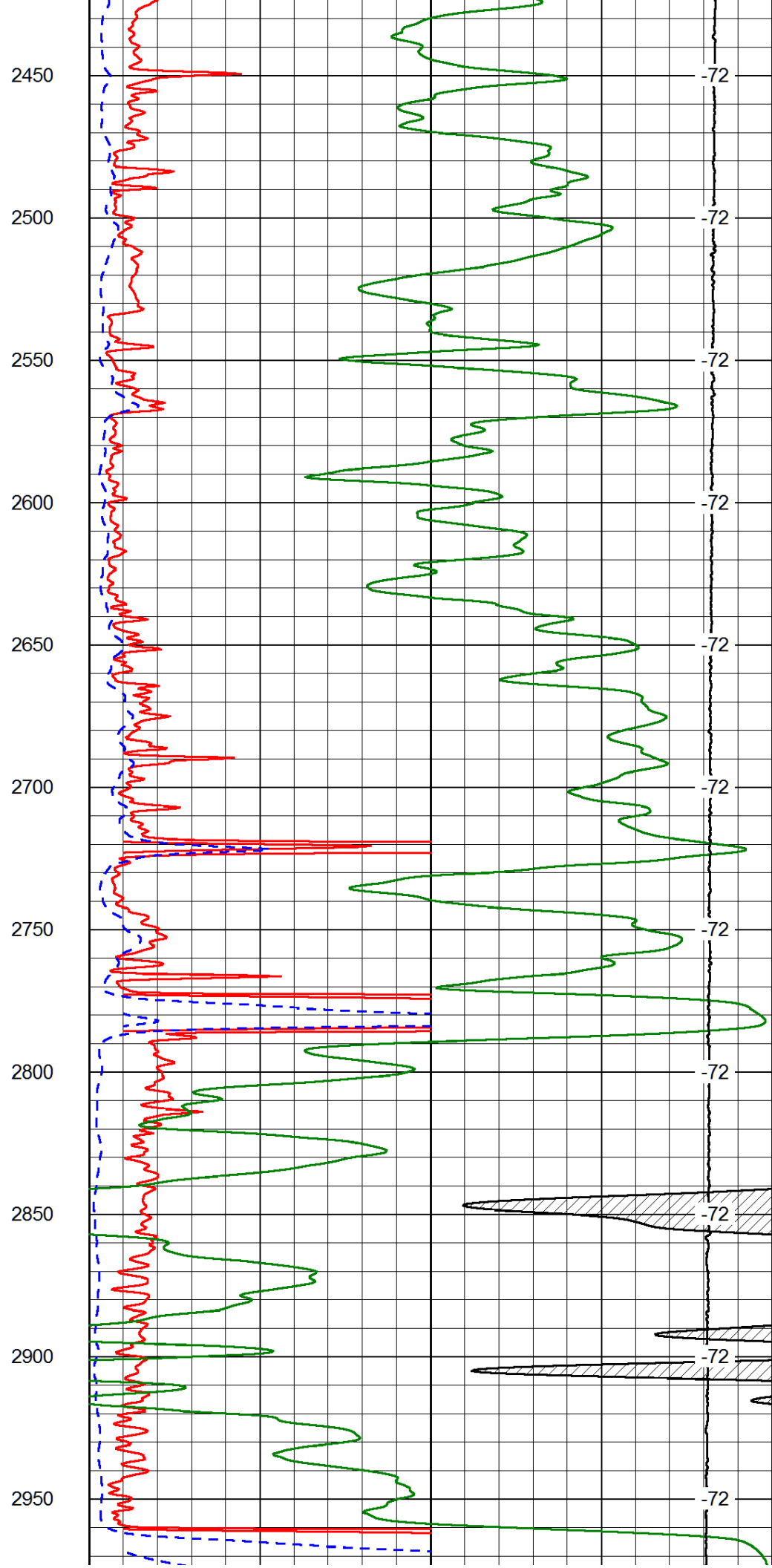
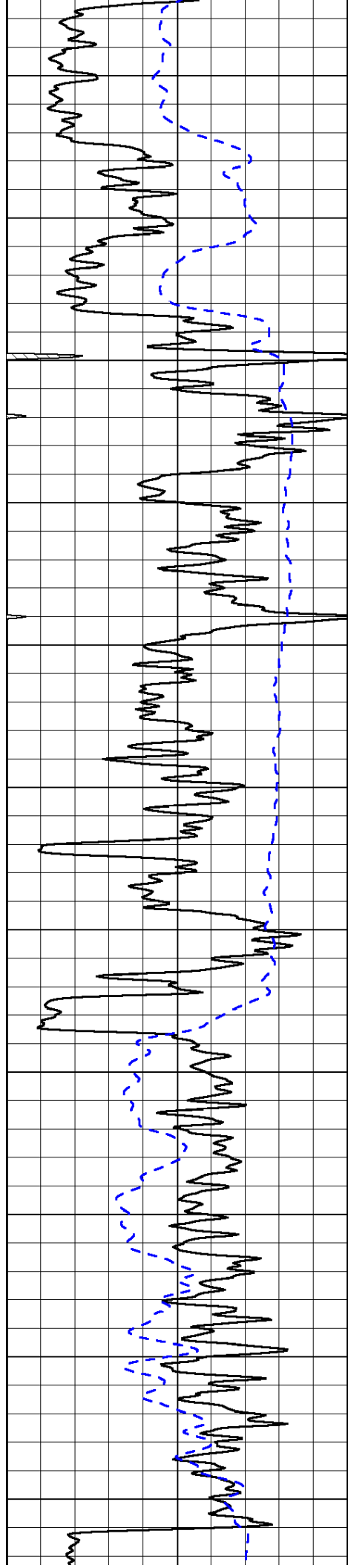
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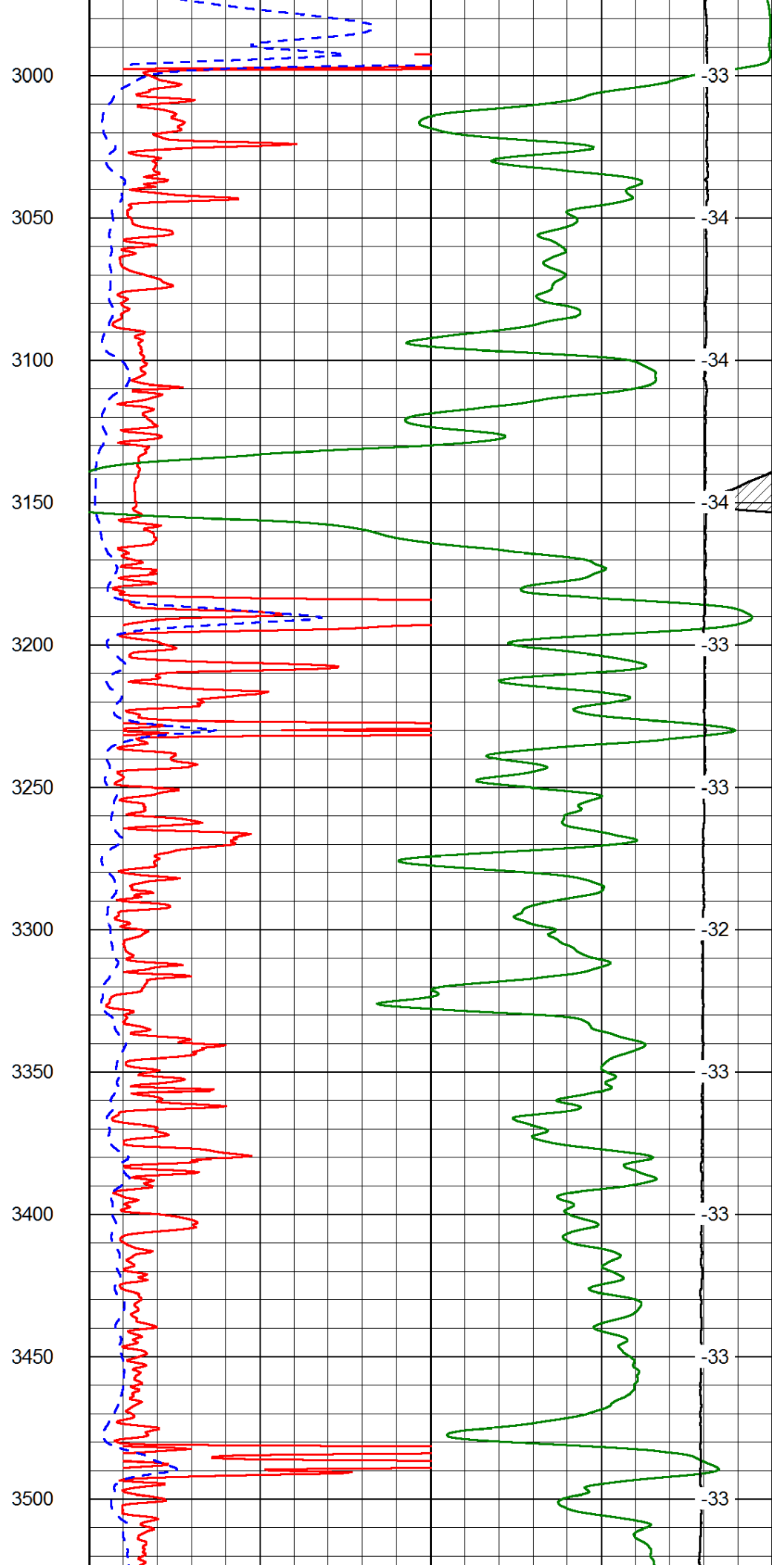
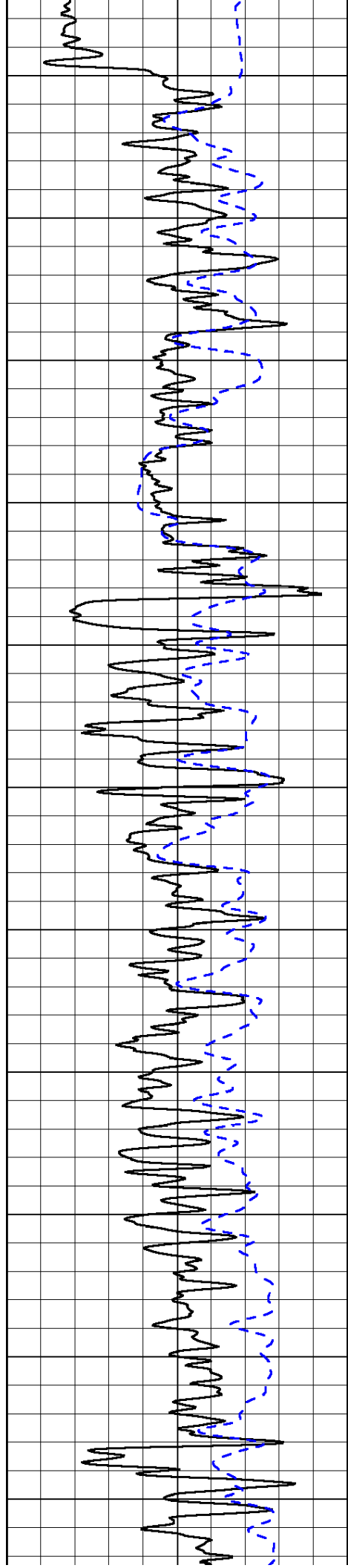


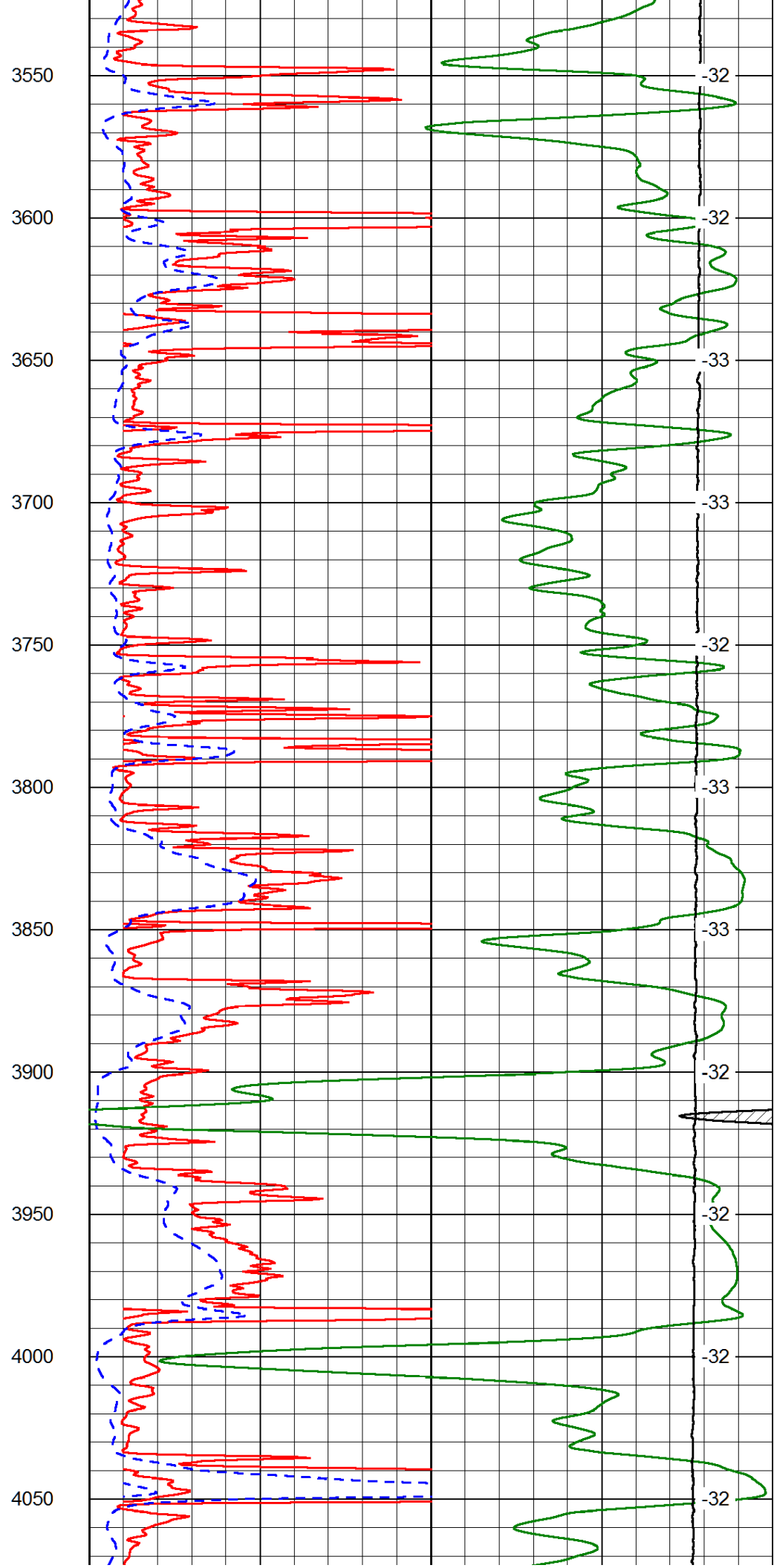
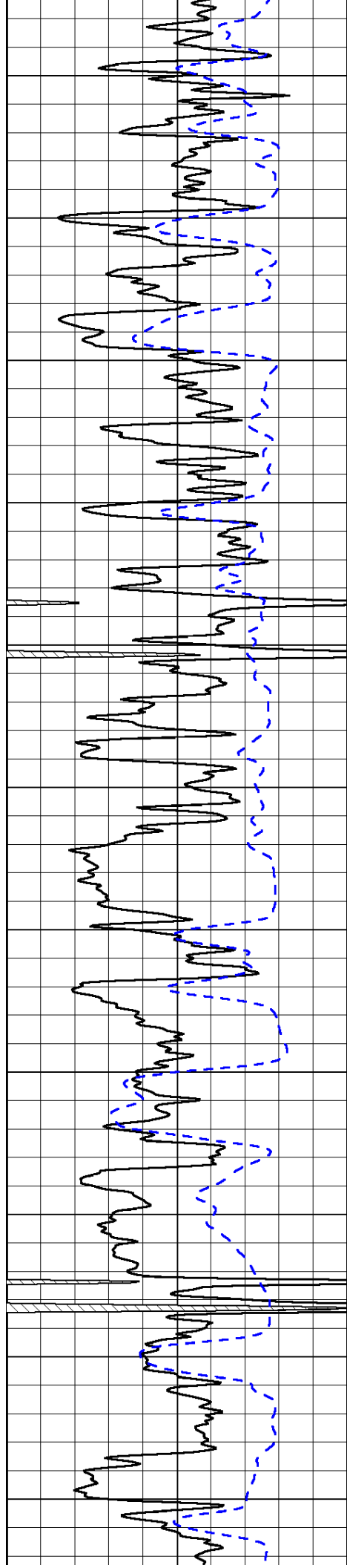
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1950
2000
2050
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2150
2200
2250
2300
2350
2400

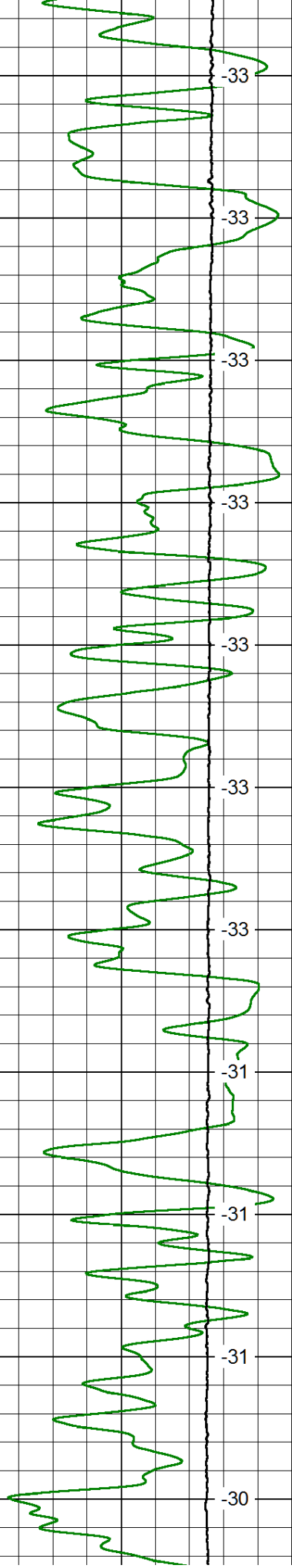
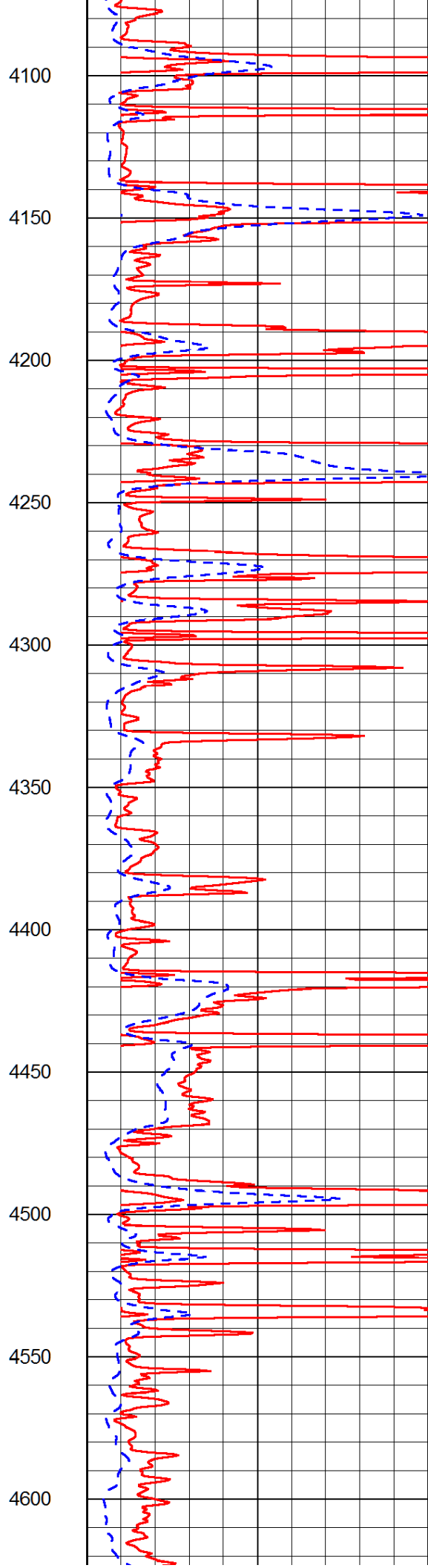
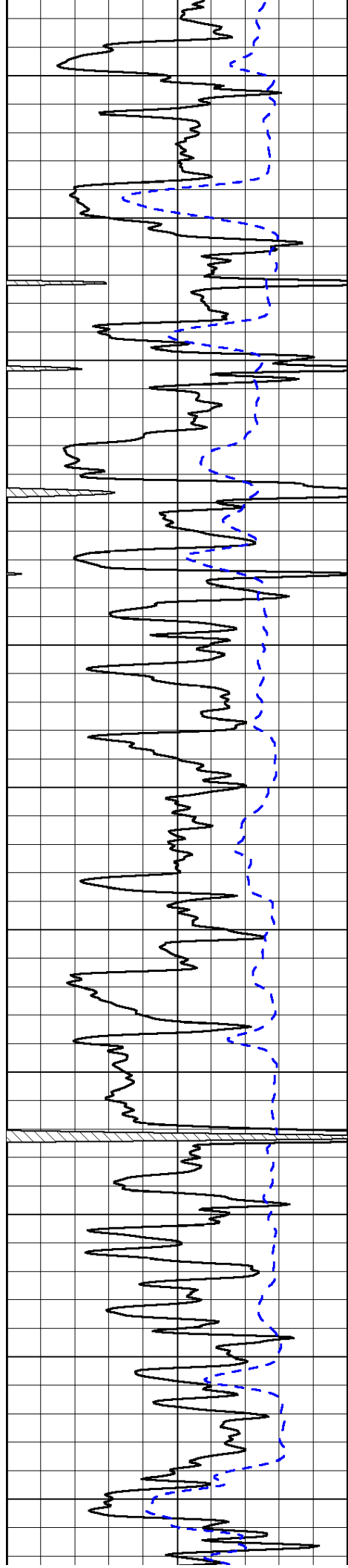


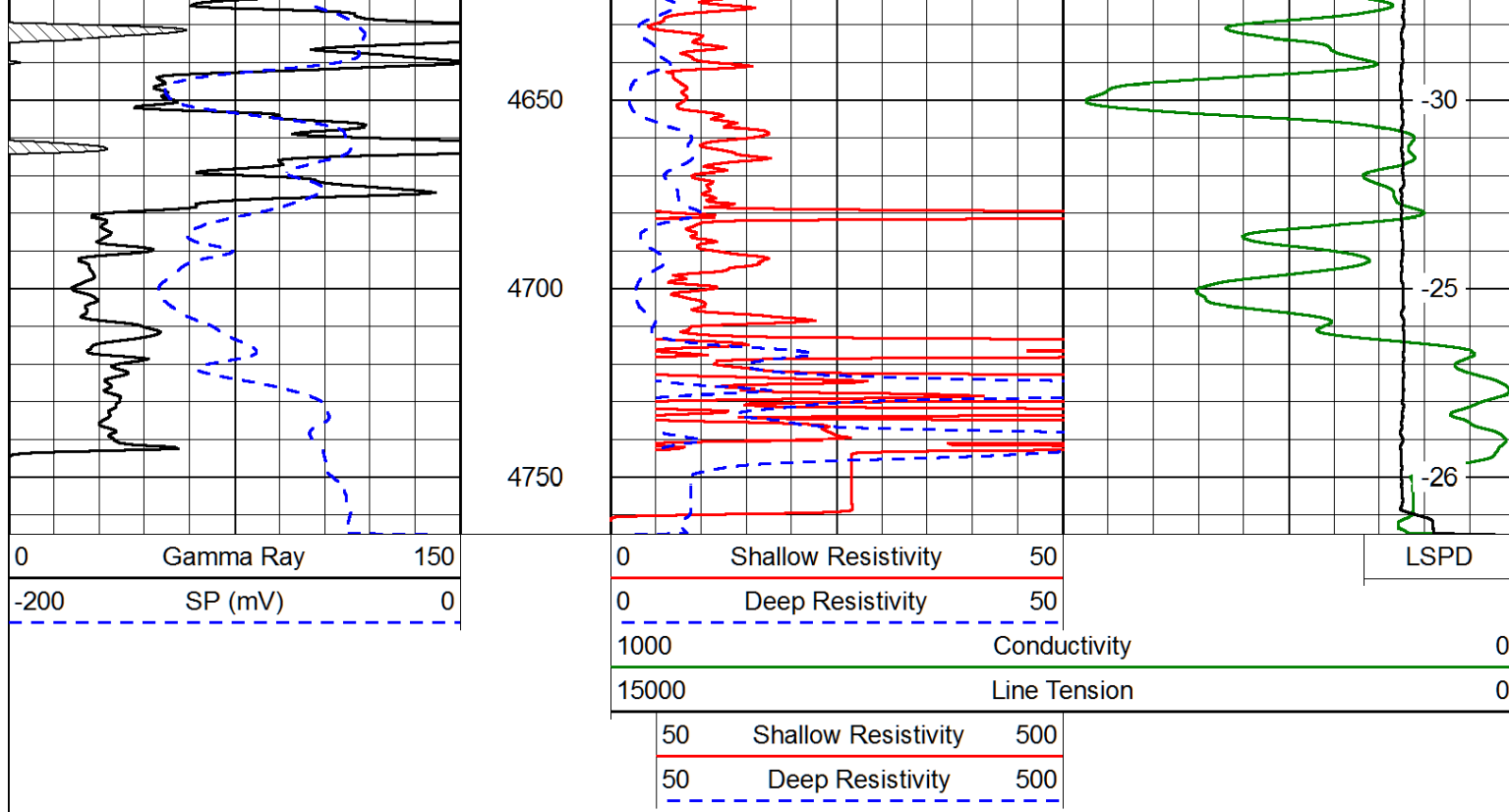
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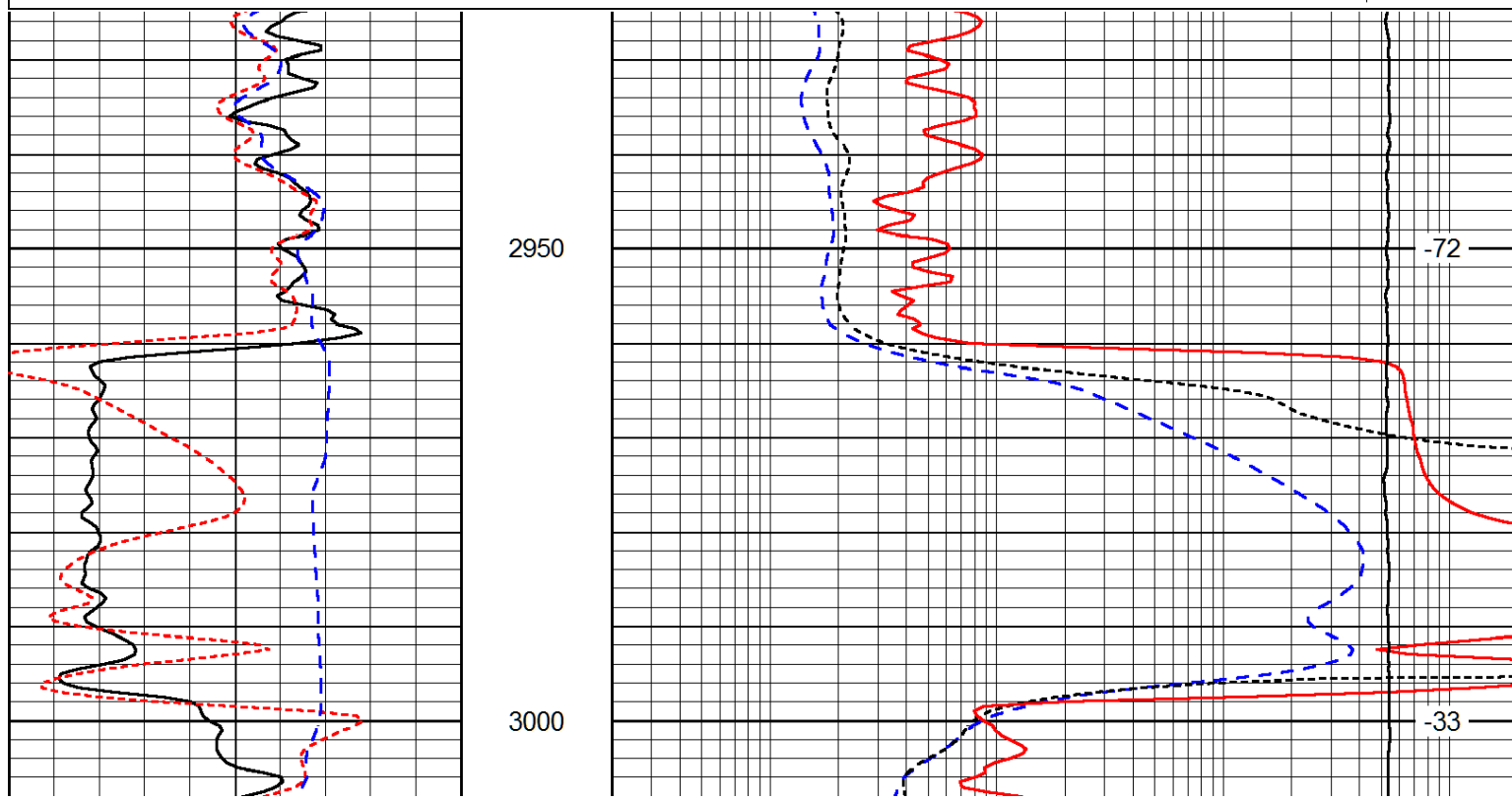
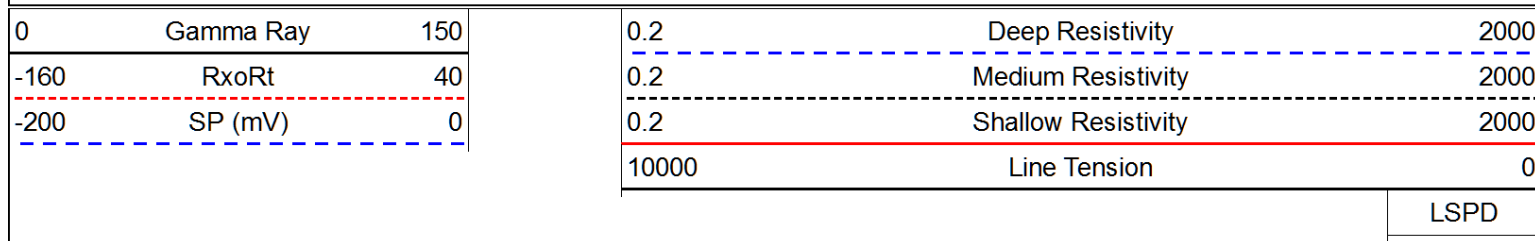


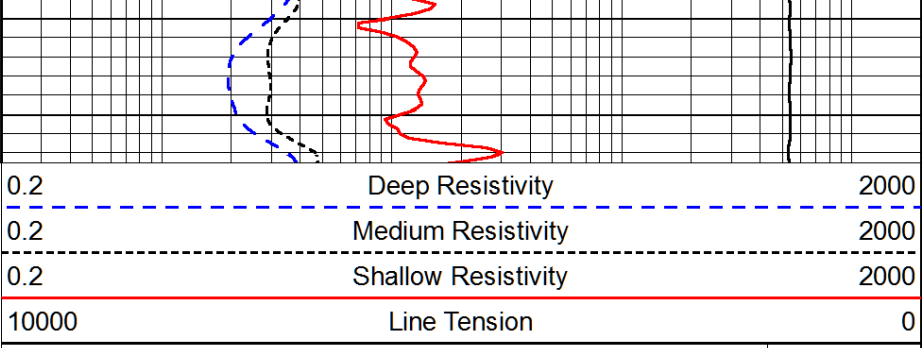
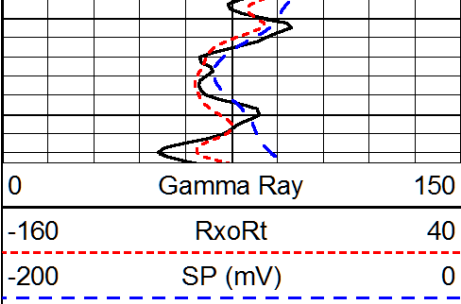






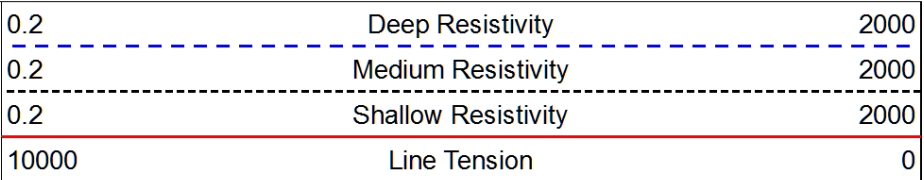
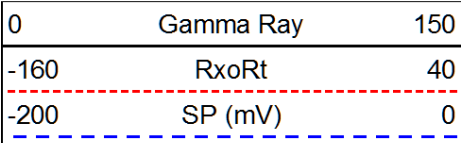
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Charted by: Depth in Feet scaled 1:240



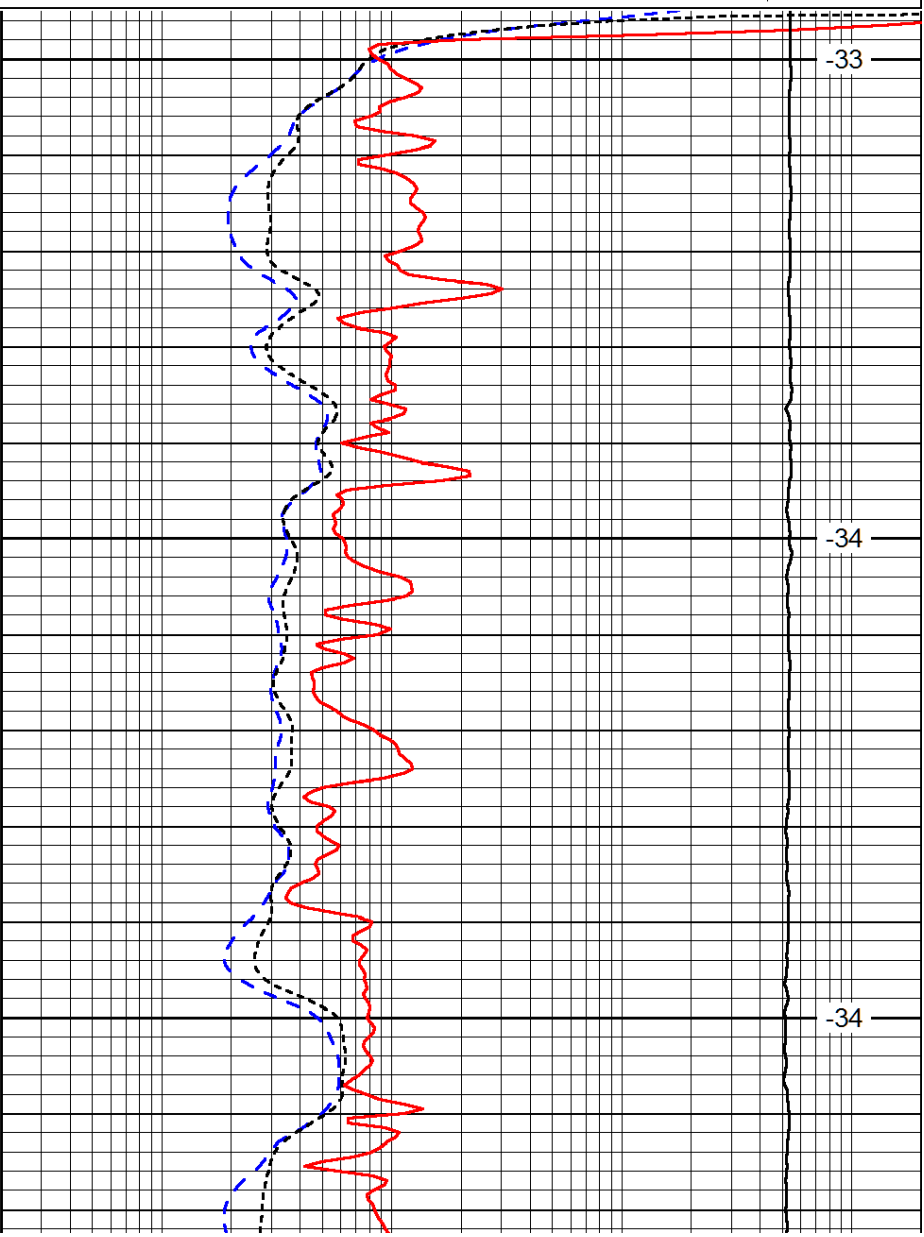
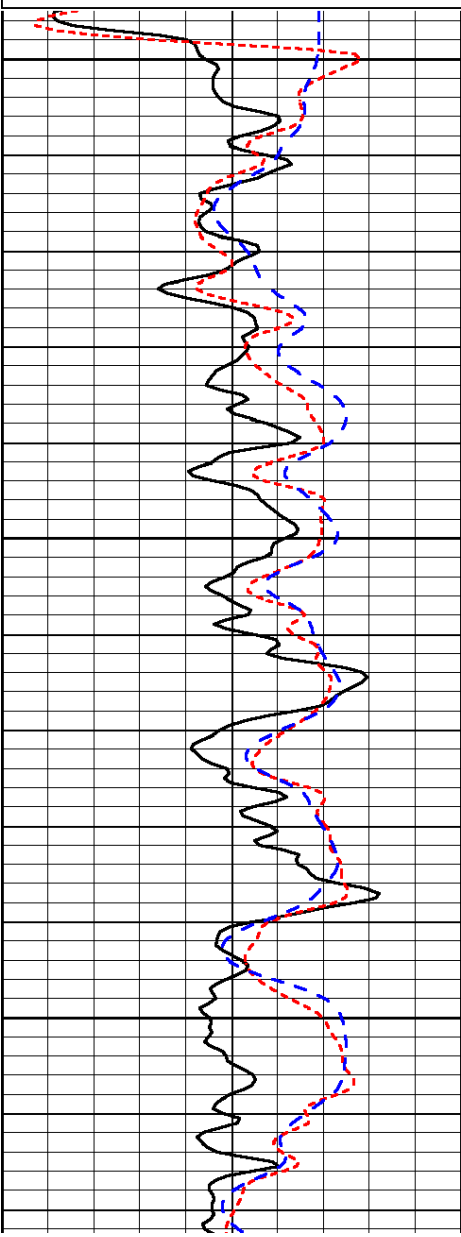


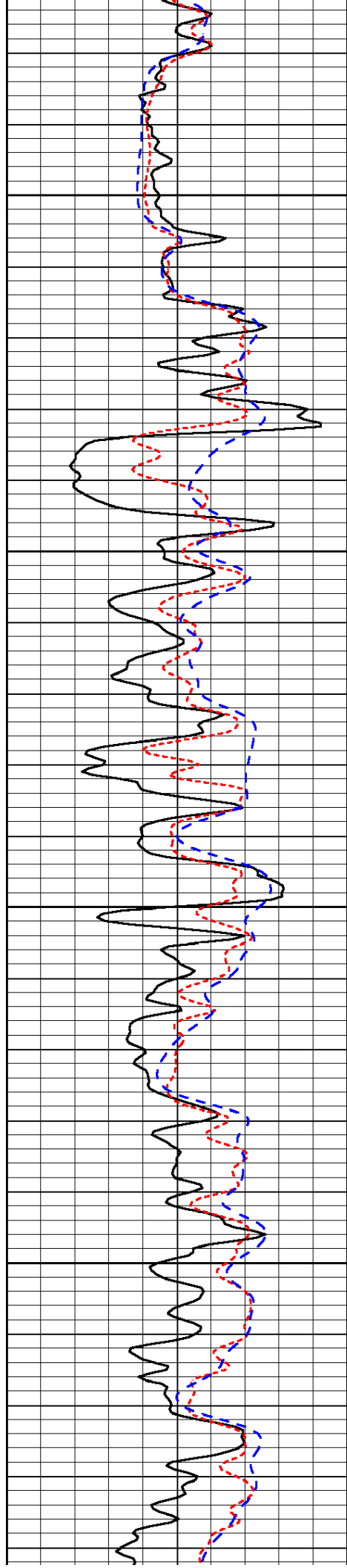
LSPD

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Charted by: Depth in Feet scaled 1:240



LSPD



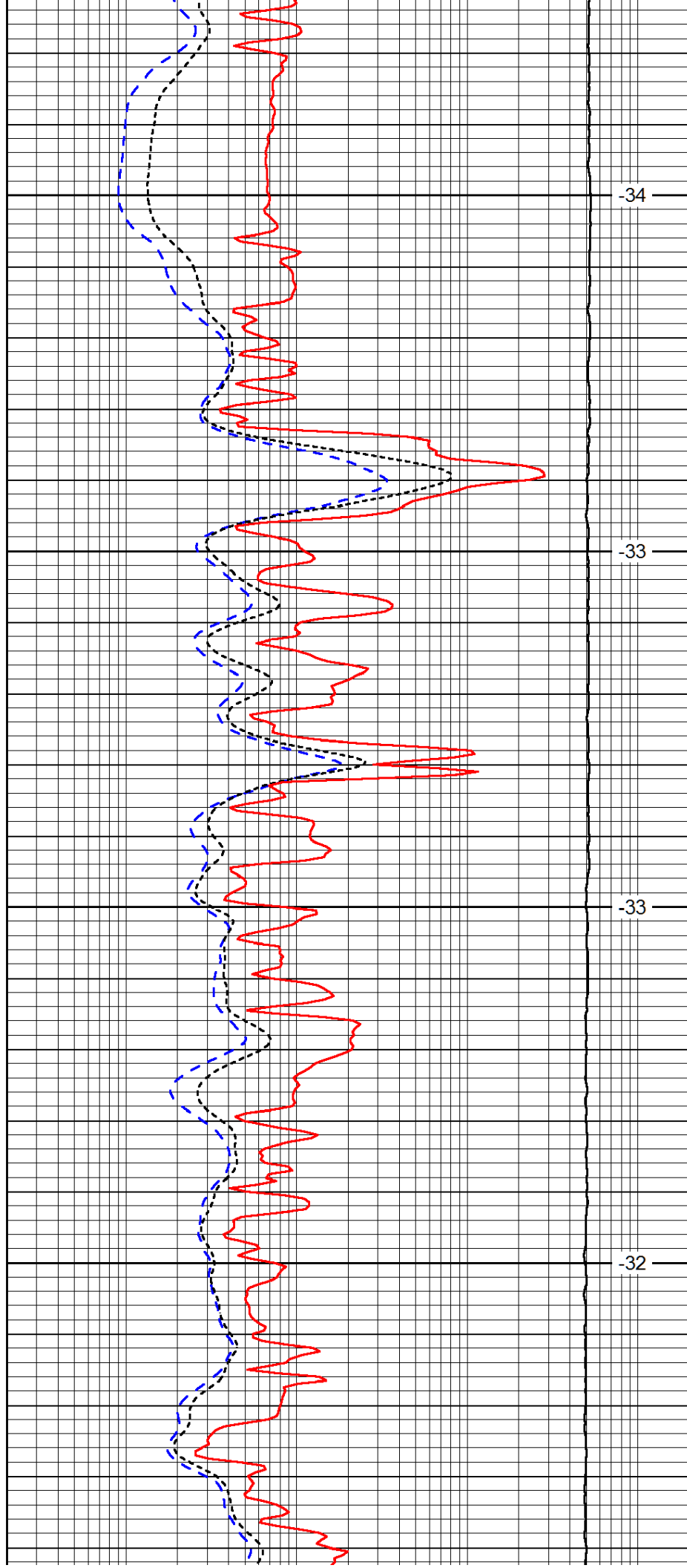


3150

3200

3250

3300

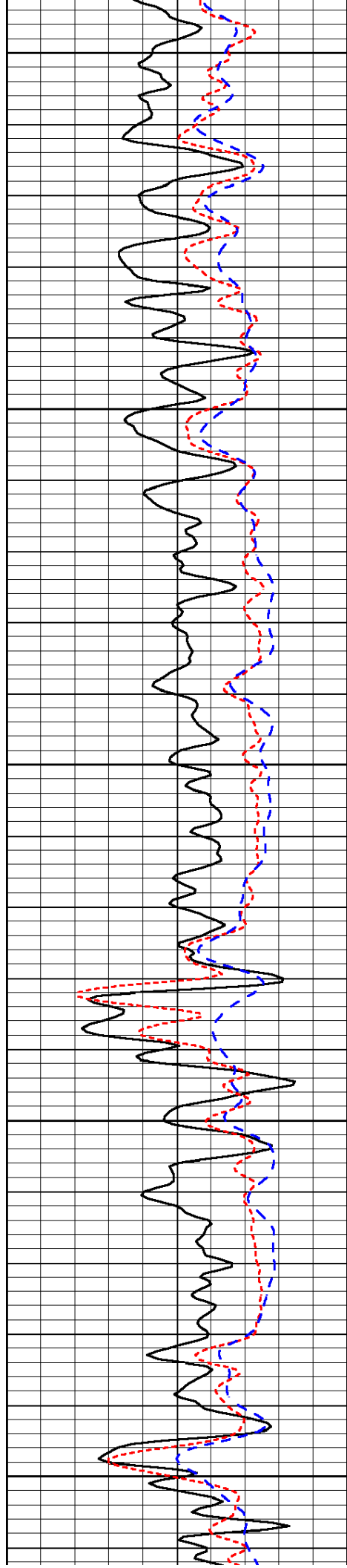


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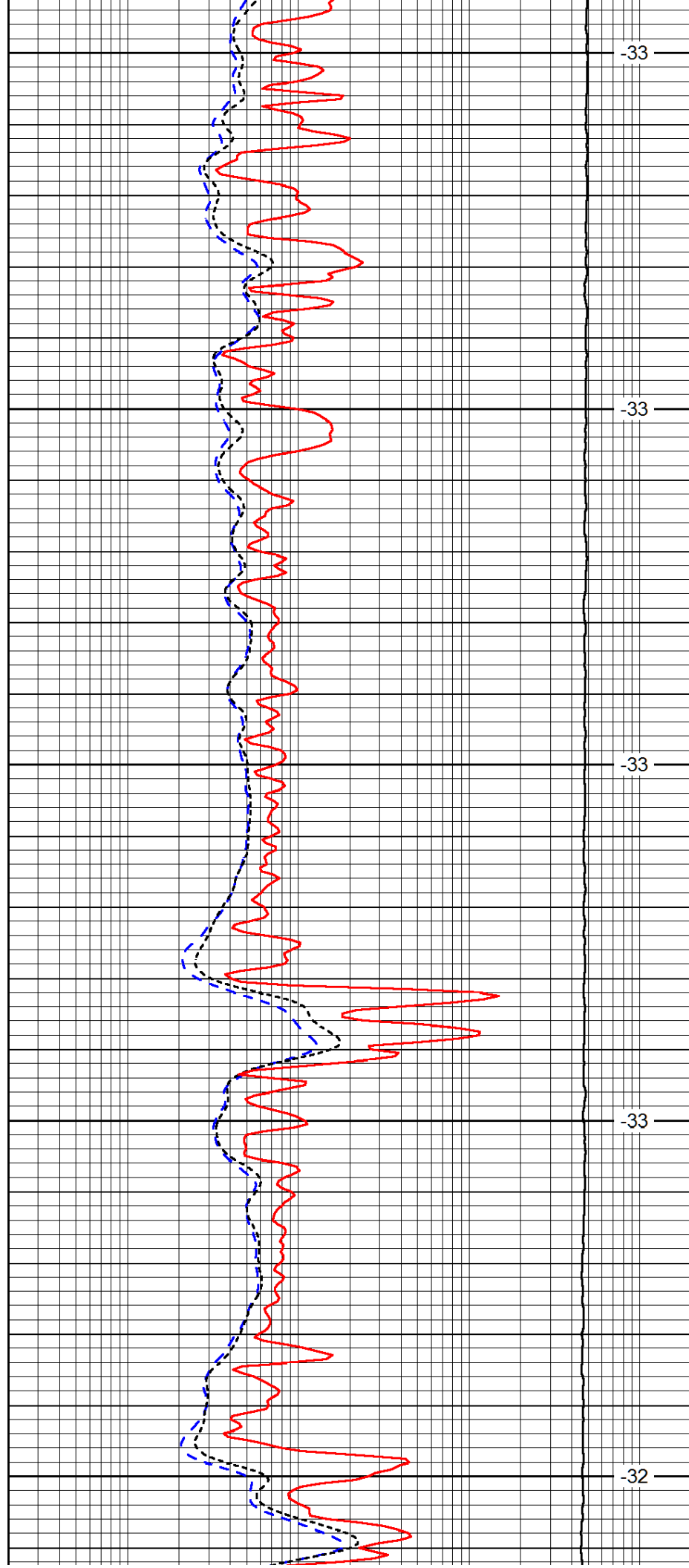
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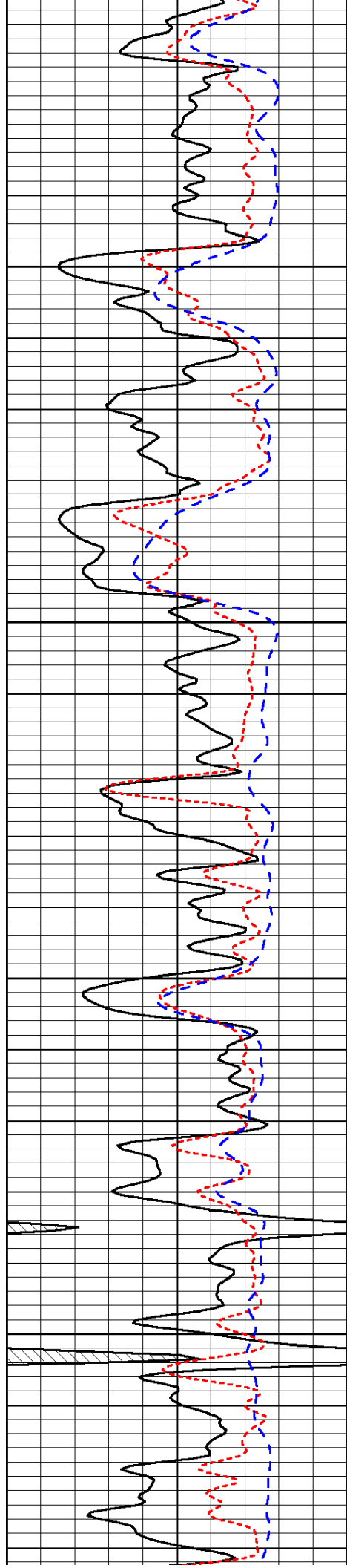
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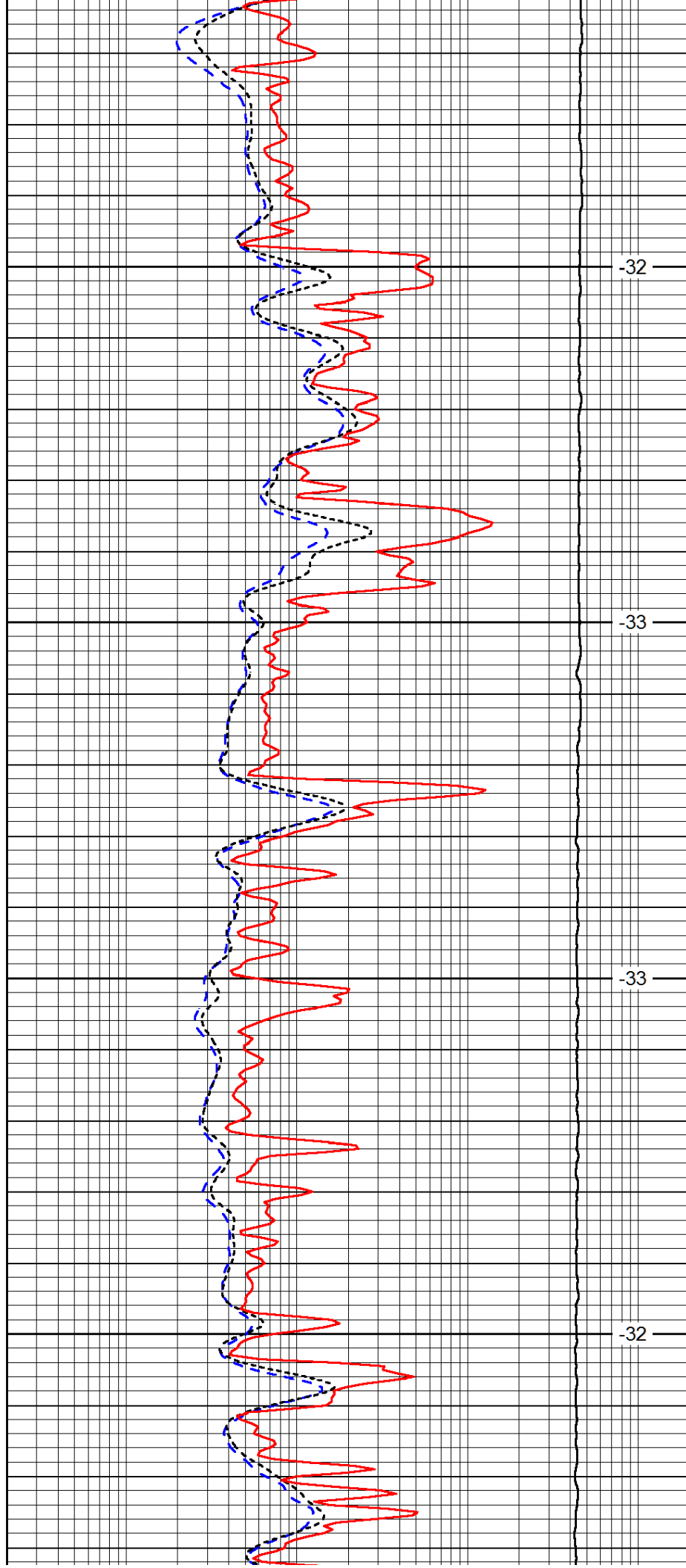


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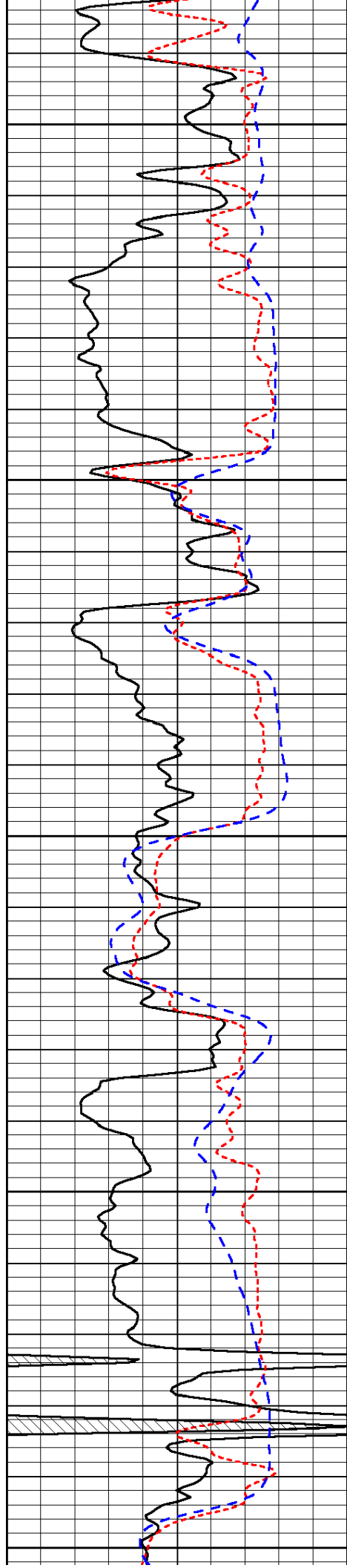


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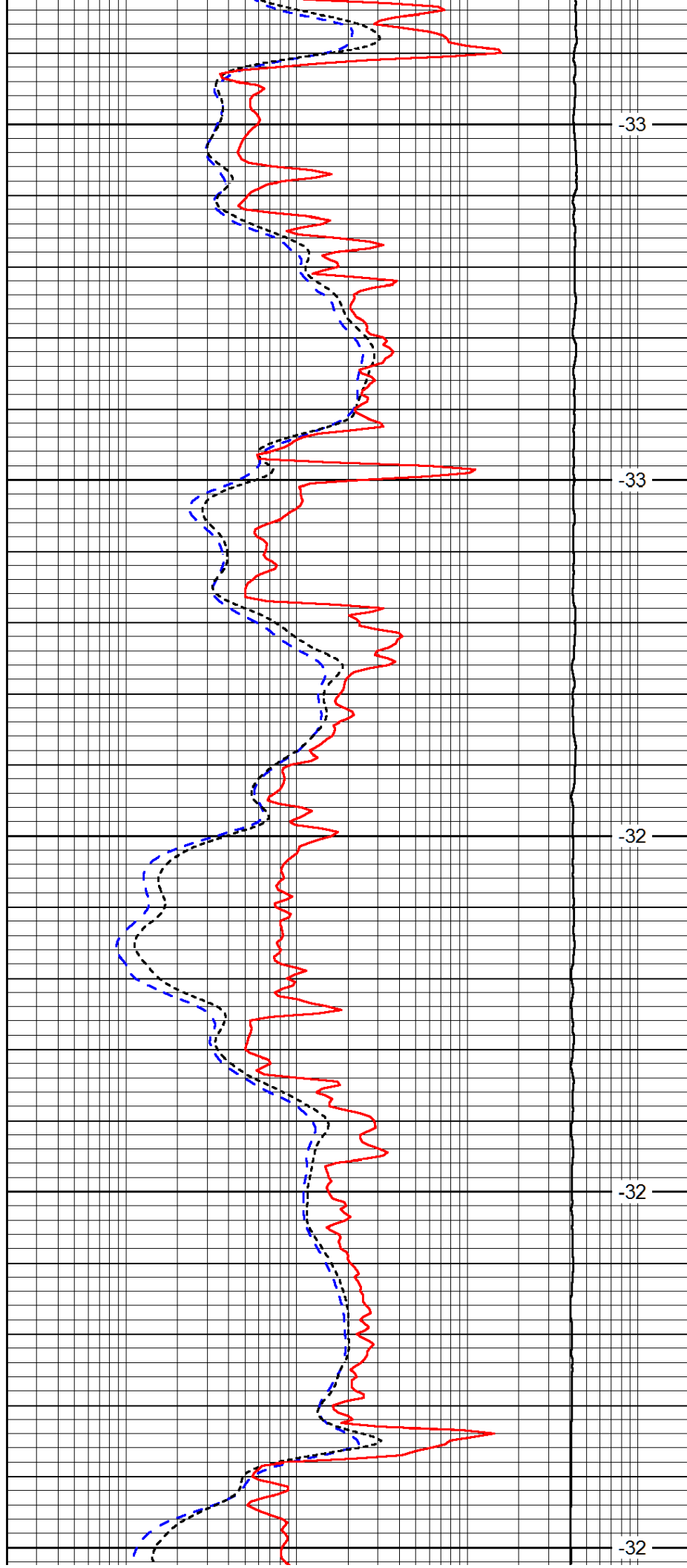
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3850

3900

3950

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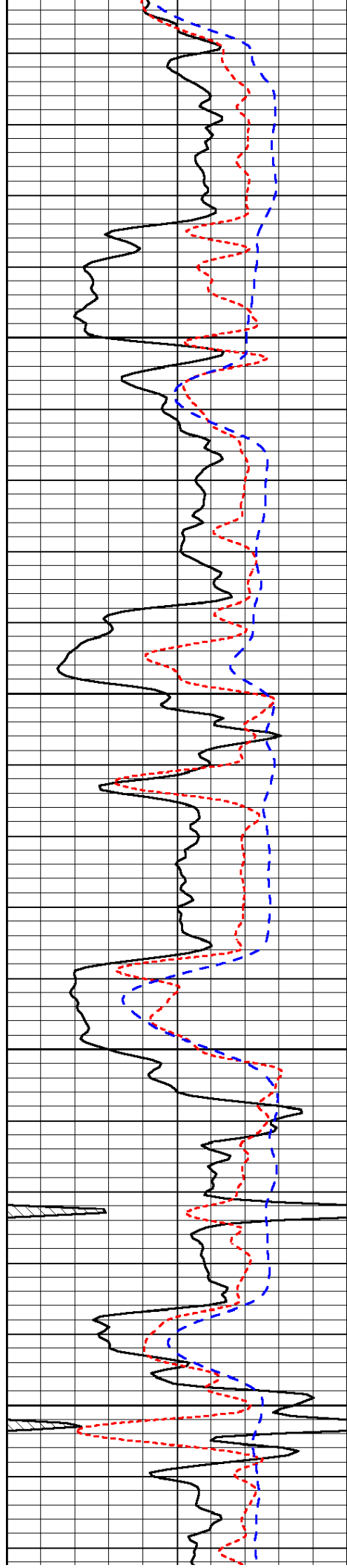
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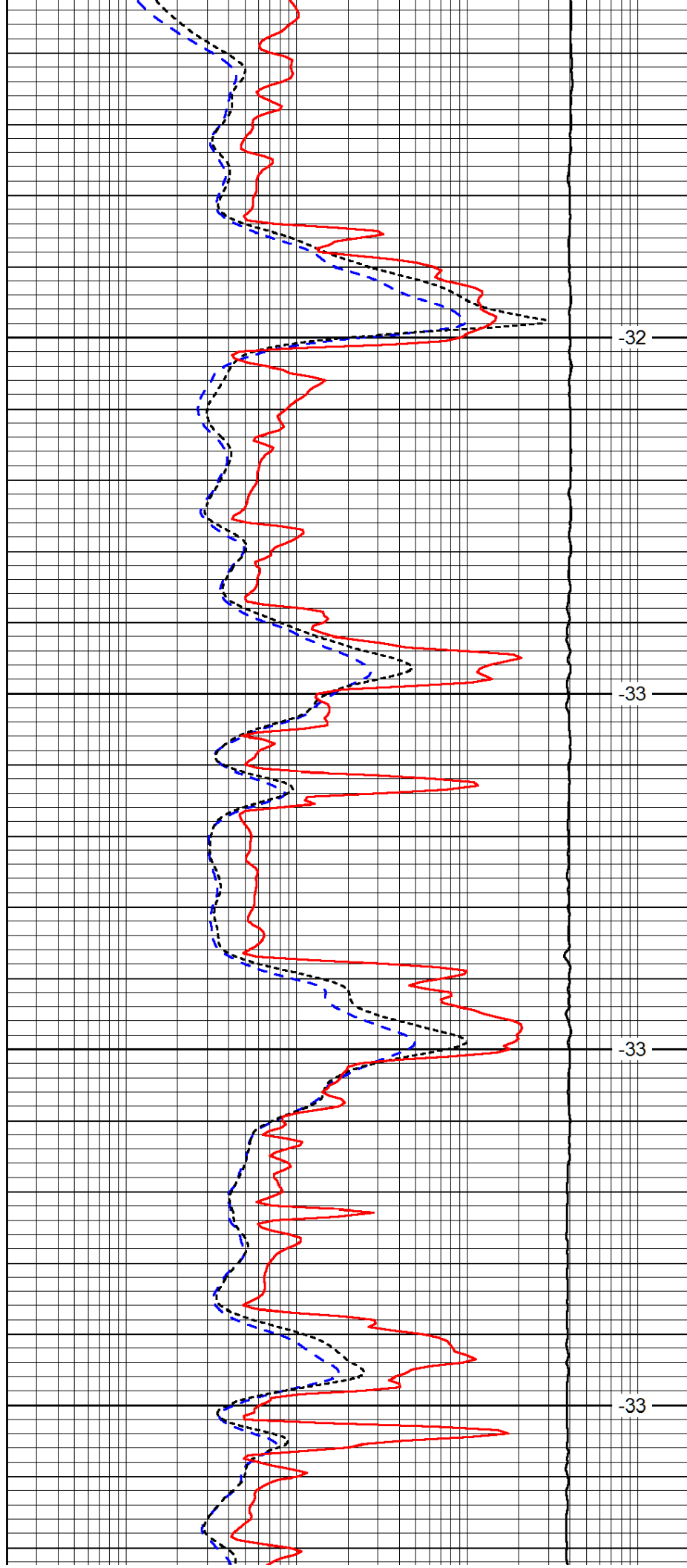


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4150

4200

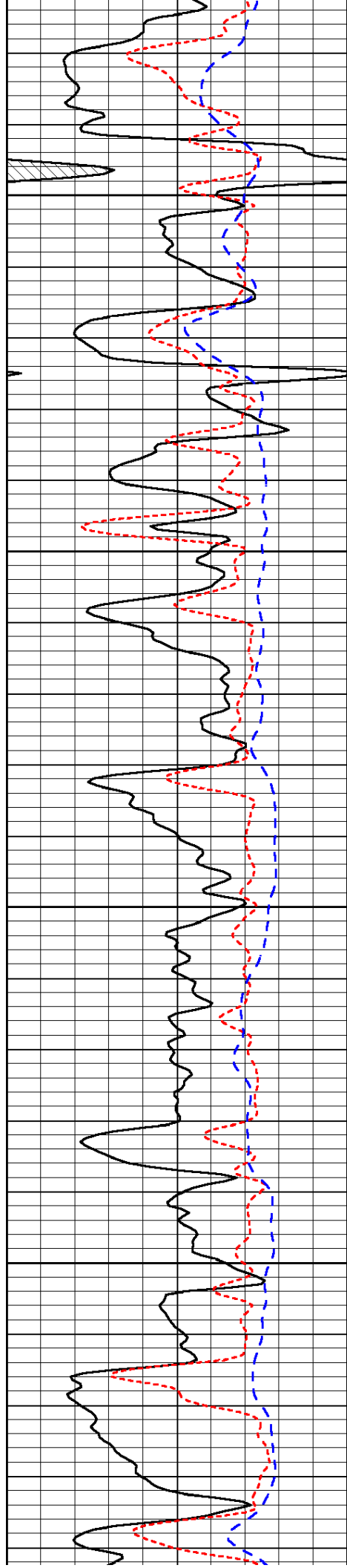


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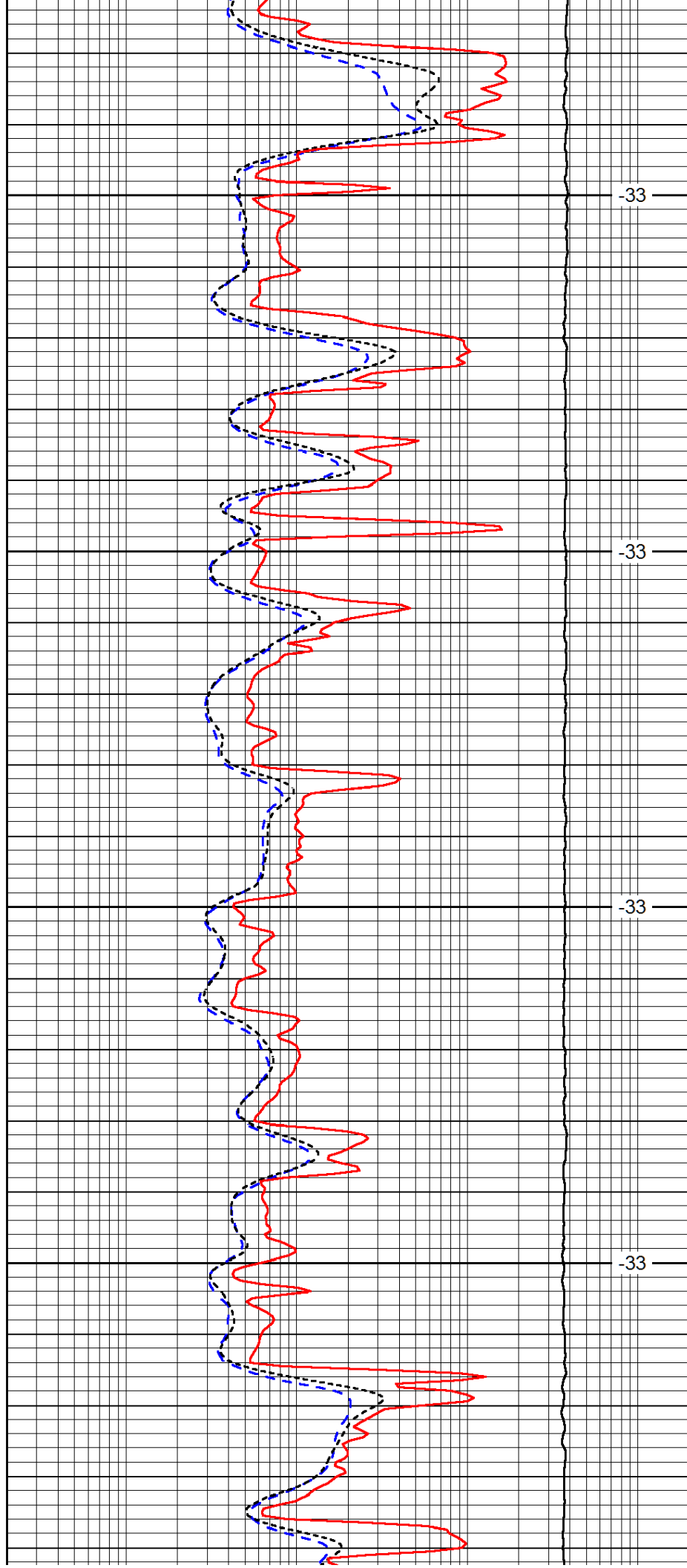


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4400

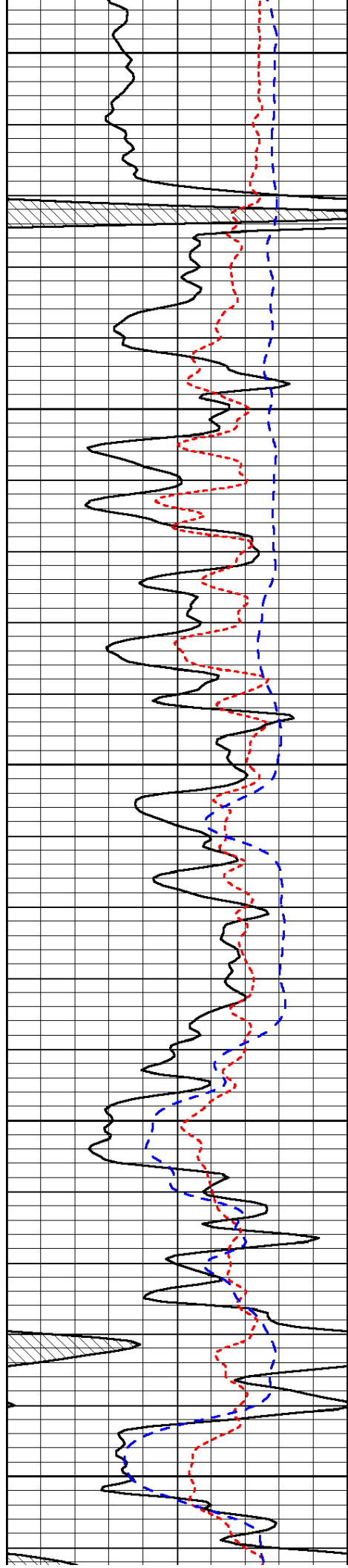


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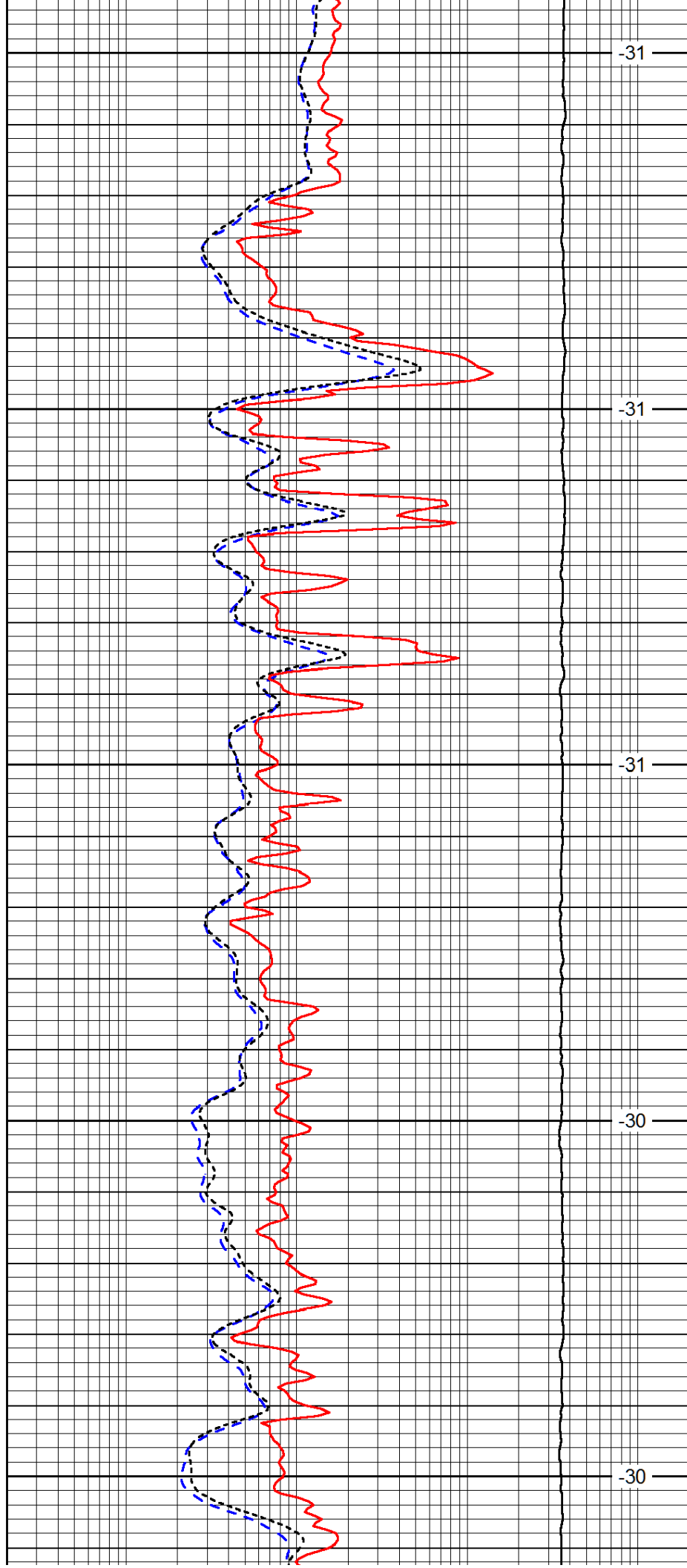
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4500

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4600

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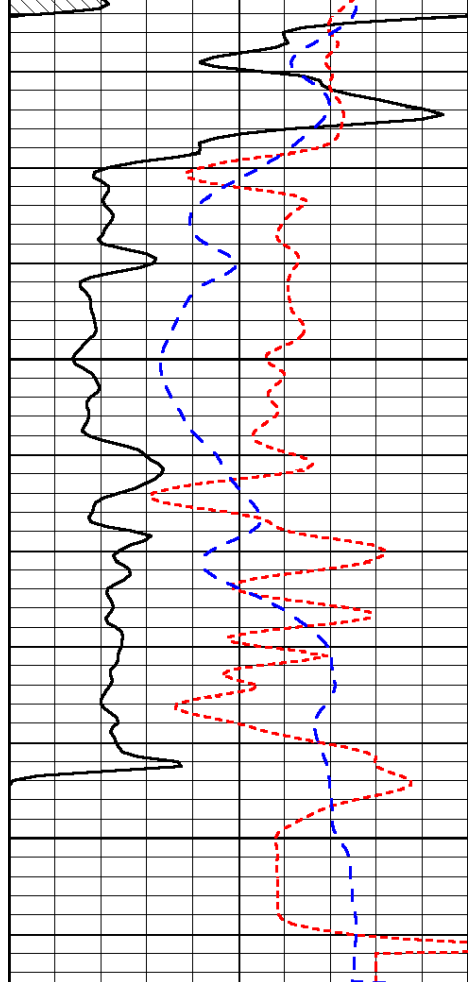
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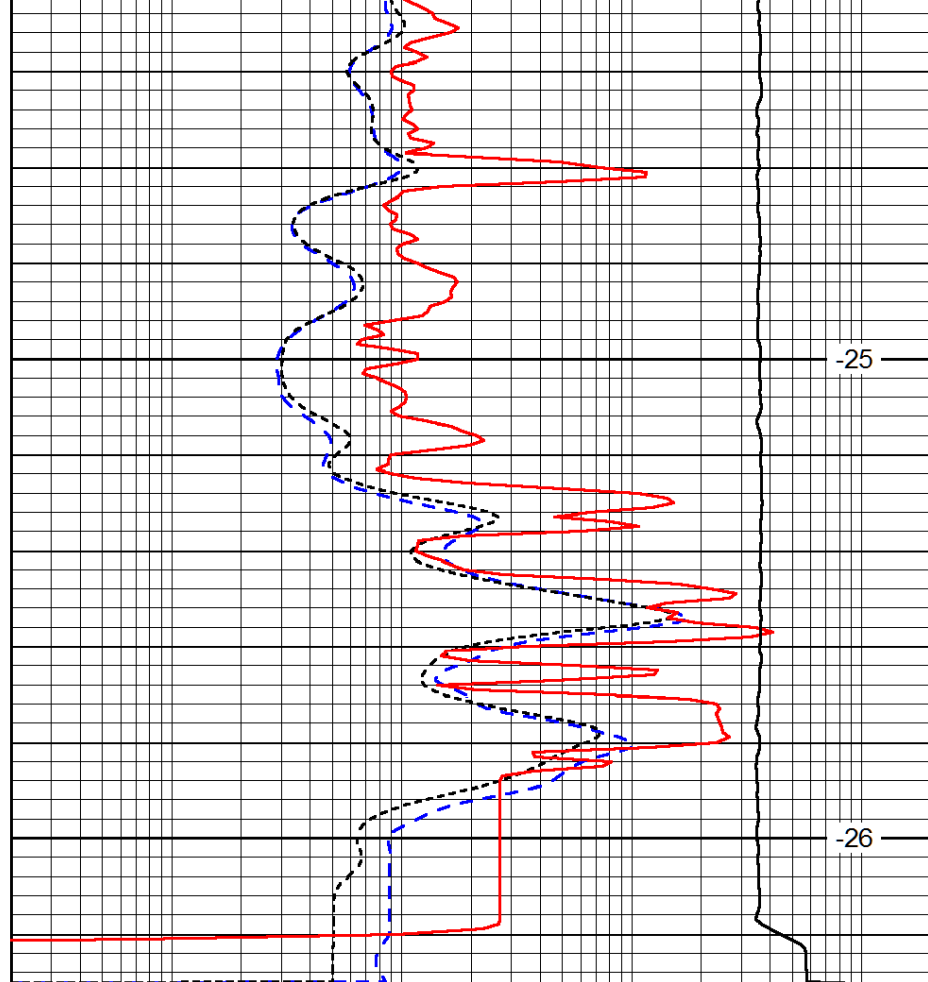
-30



0	Gamma Ray	150
-160	RxoRt	40
-200	SP (mV)	0

4700

4750



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD