

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-109-20,871-00-00

Company K&B Norton Oil & Investments, LLC.

Well Younkin Ranch No. 1

Field Wildcat

County Logan State Kansas

Location 345' FSL & 2175' FEL

Sec: 3

Twp: 14 S

Rge: 34 W

Other Services
CNL/CDL
MEL/BHCS

Elevation

K.B. 2906

D.F. 2901

Elevation 2901

5 Ft. Above Perm. Datum

Log Measured From Kelly Bushing

Drilling Measured From Kelly Bushing

Date 11/27/2009

Run Number One

Depth Driller 4500

Depth Logger 4499

Bottom Logged Interval 4498

Top Log Interval 250

Casing Driller 8.625 @ 280

Casing Logger 277

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.400

Density / Viscosity 9.3 52

pH / Fluid Loss 9.0 10.4

Source of Sample Flowline

Rm @ Meas. Temp .36 @ 58

Rmf @ Meas. Temp .27 @ 58

Rmc @ Meas. Temp .49 @ 58

Source of Rmf / Rmc Charts

Rm @ BHT .17 @ 123

Operating Rig Time 5 Hours

Max Rec. Temp. F 123

Equipment Number 4

Location Hays

Recorded By K. Bange

Witnessed By Steve Murphy

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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

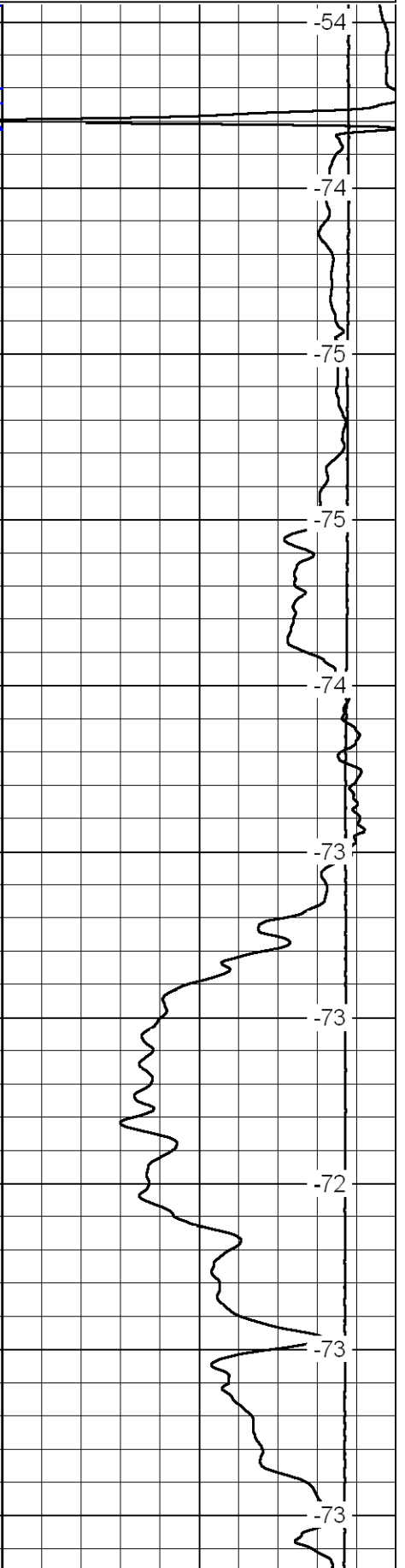
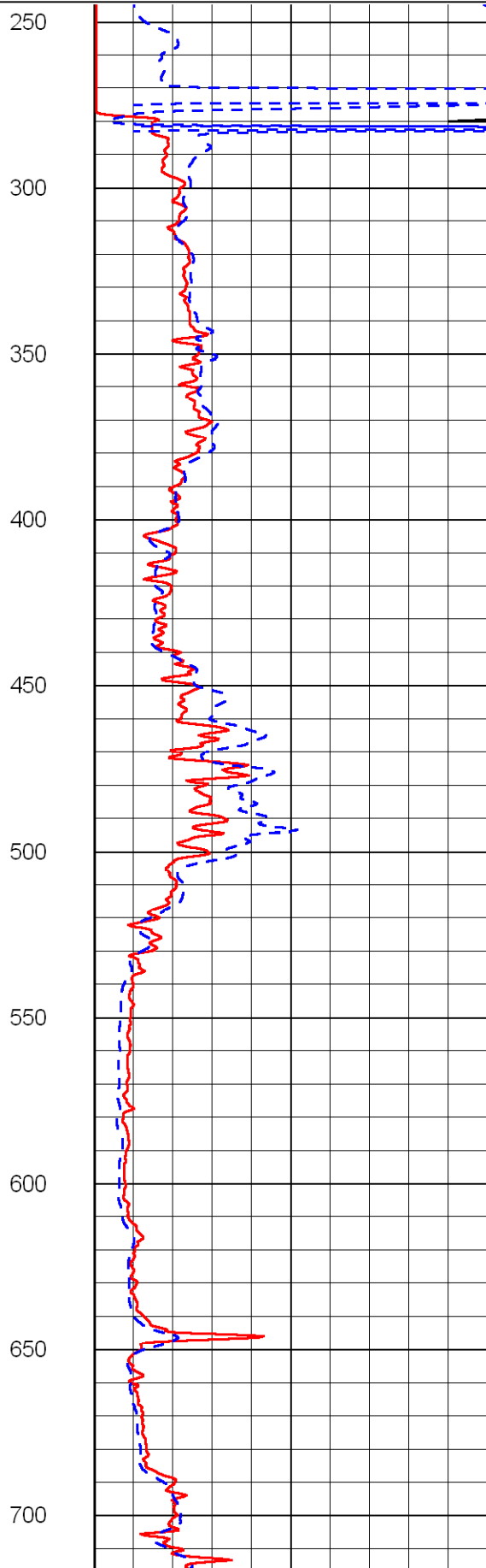
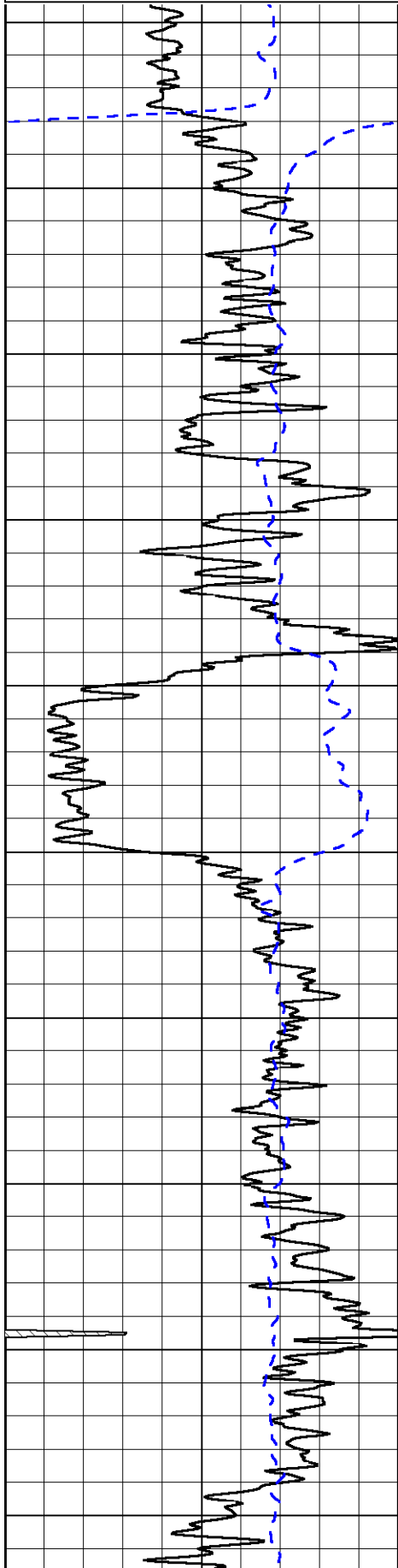
Monument, 20 S on 350th to Indian, 3 W to 320th, 2 S to Gold, E into

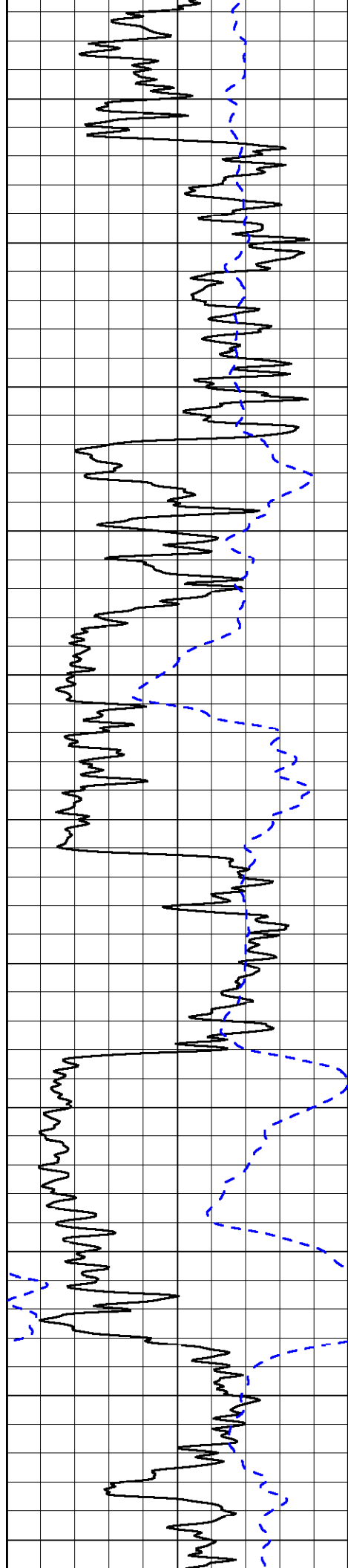
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Dataset Pathname: dil/kb2in2
Presentation Format: dil2in
Dataset Creation: Fri Nov 27 22:06:50 2009
Charted by: Depth in Feet scaled 1:600

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





750

800

850

900

950

1000

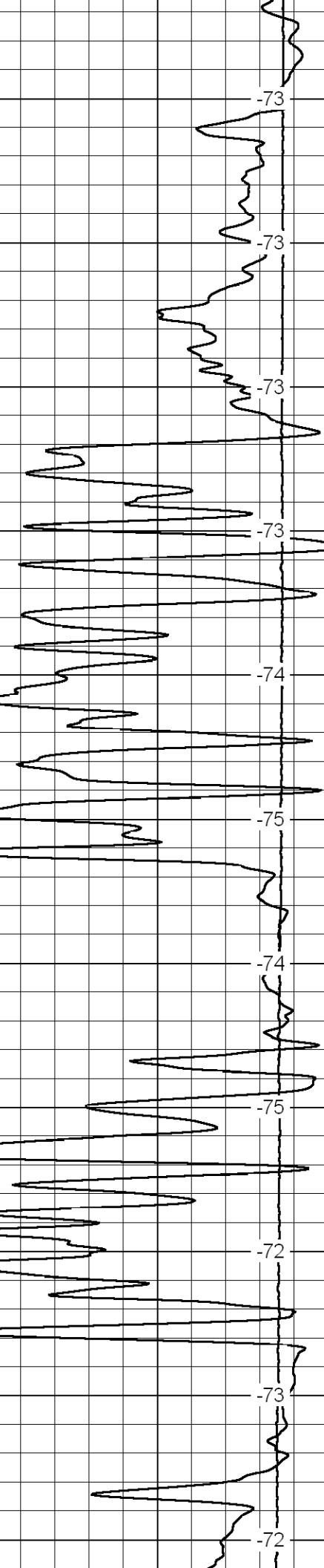
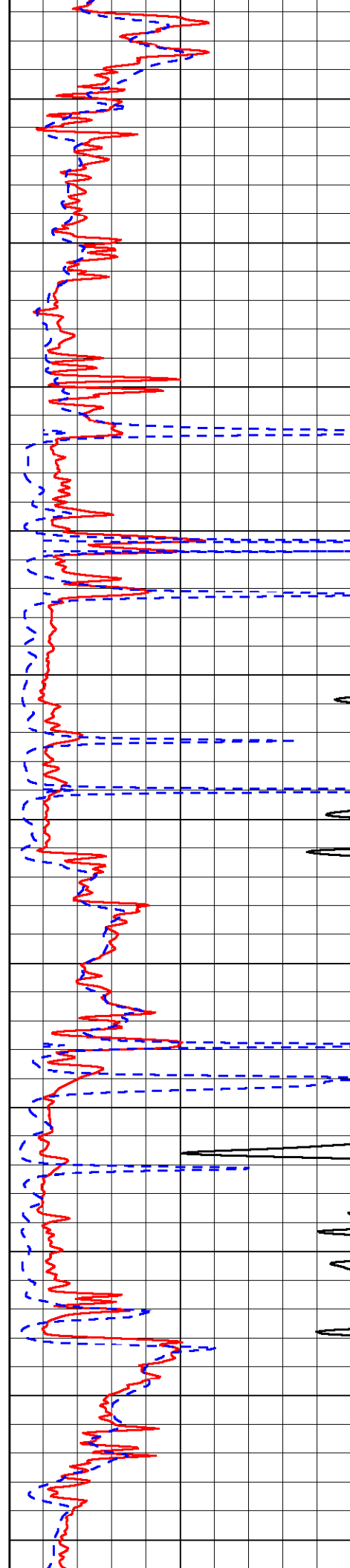
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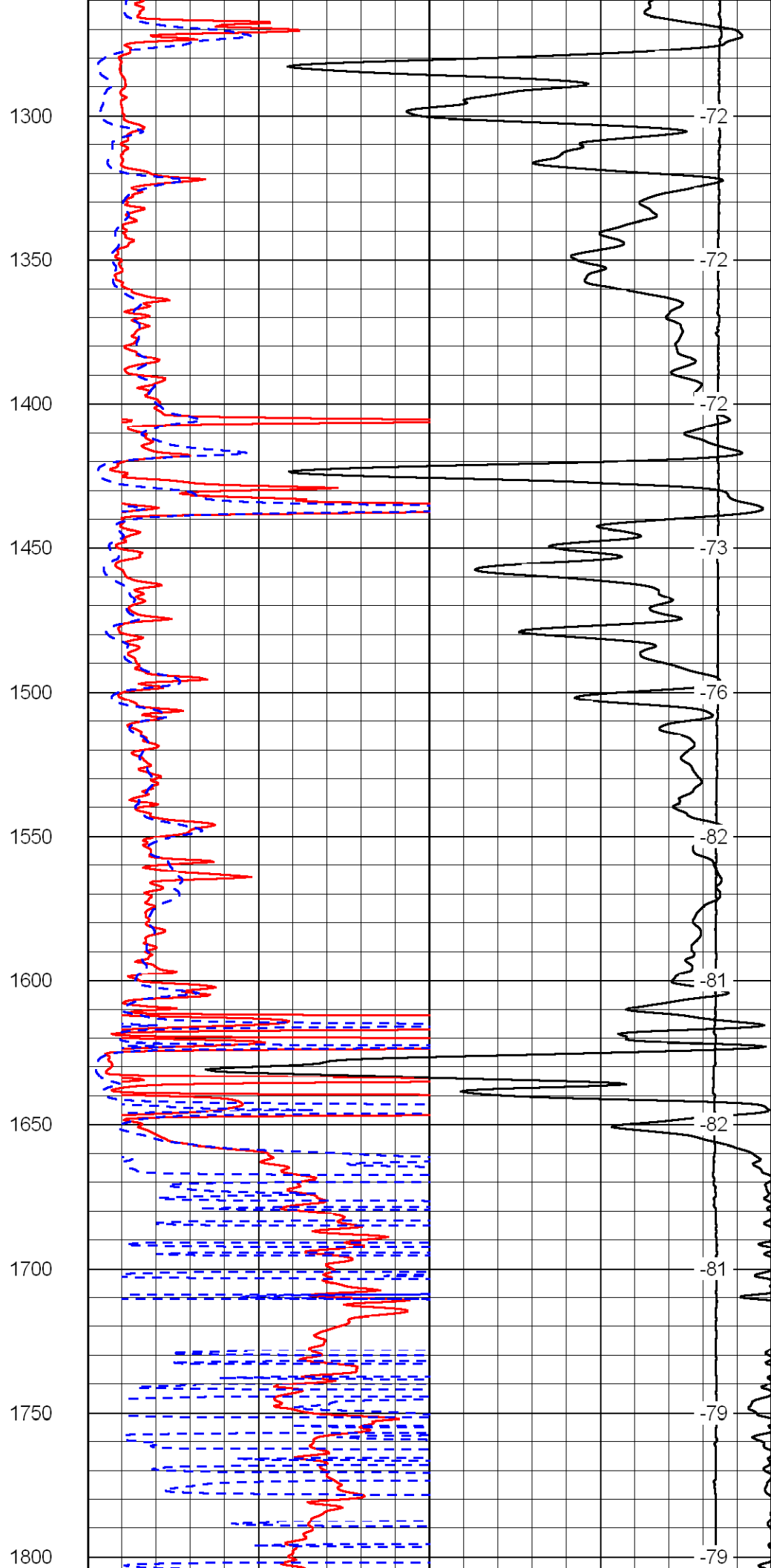
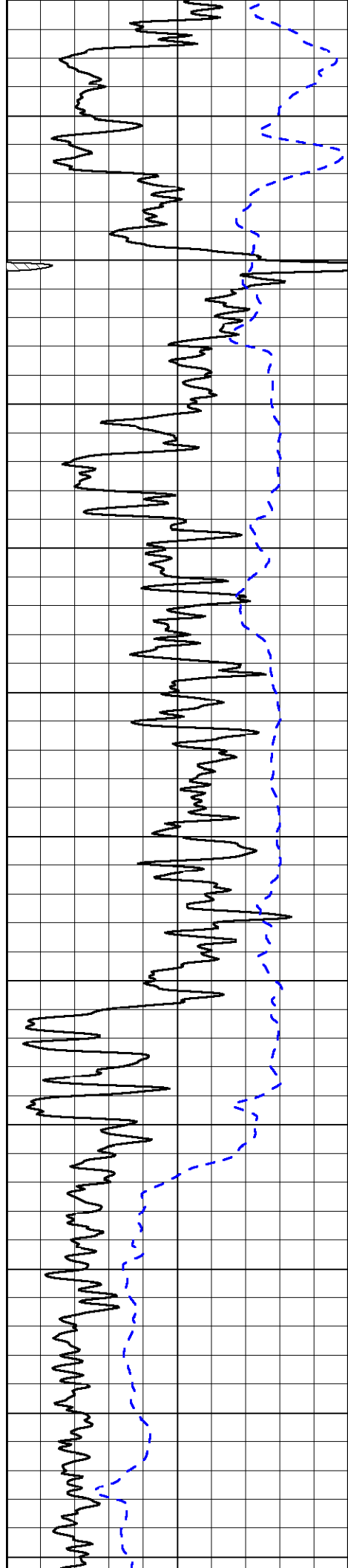
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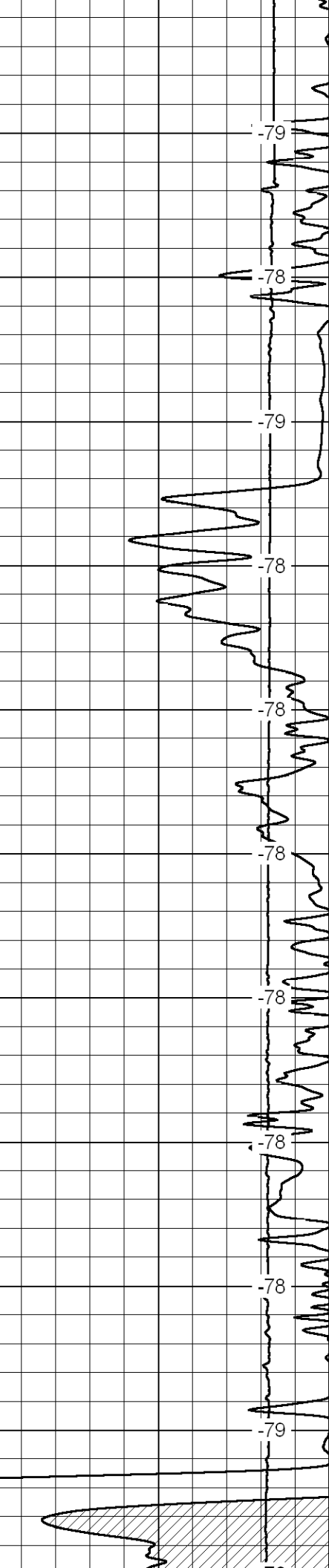
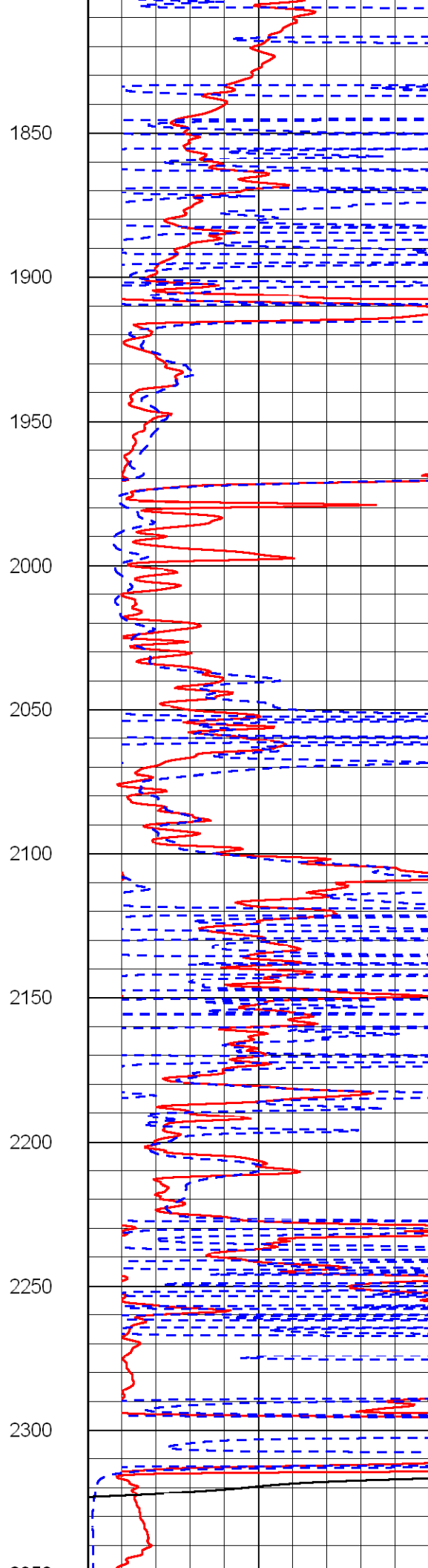
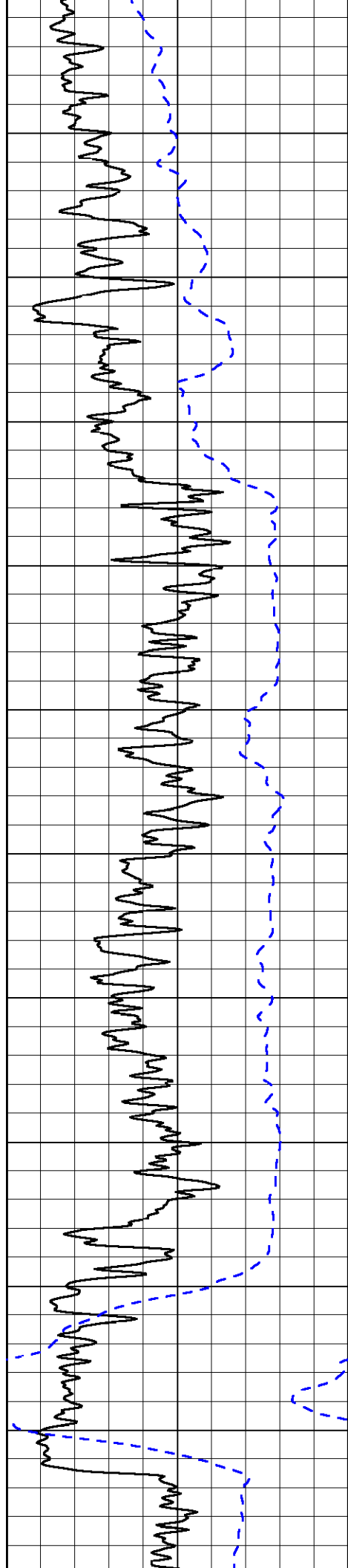
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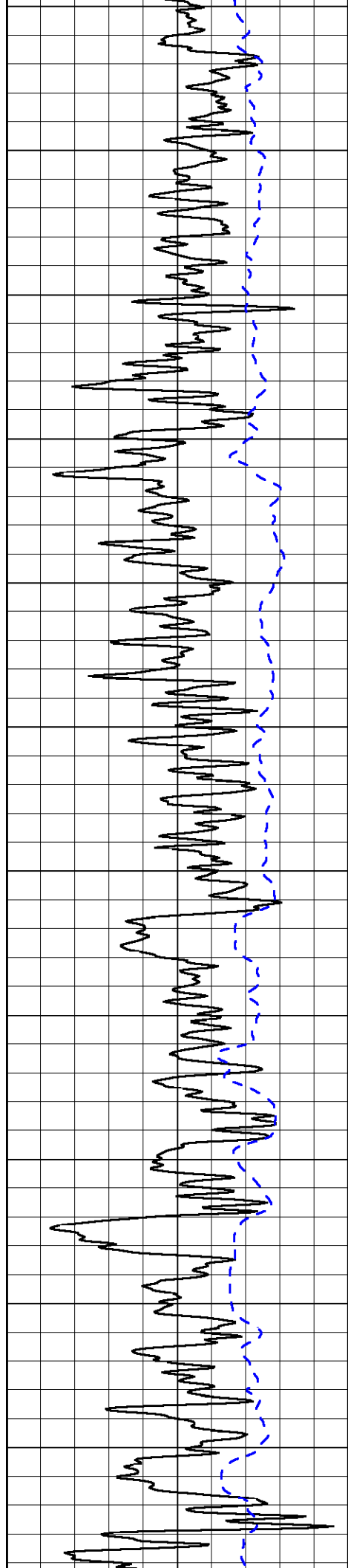
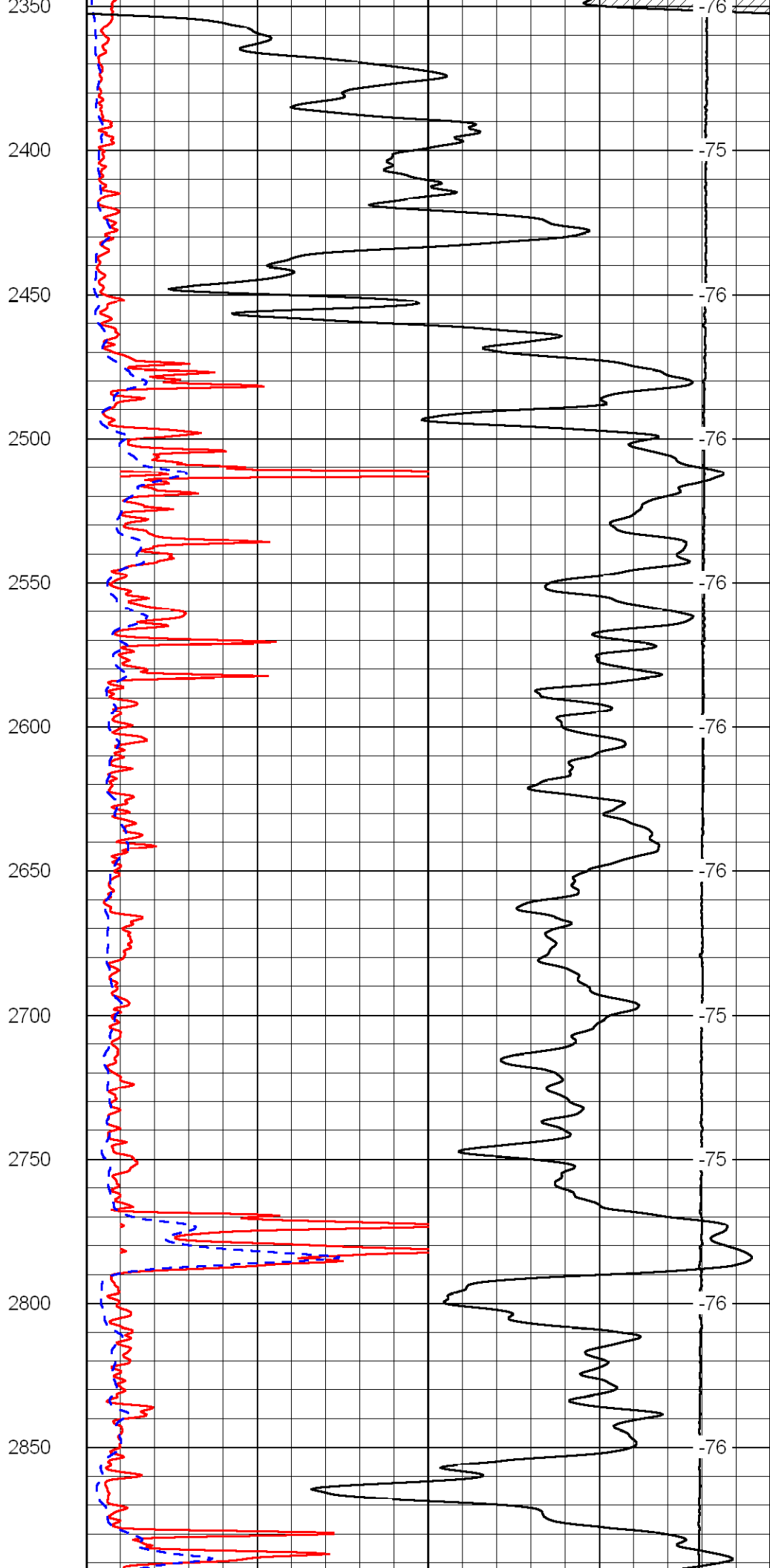
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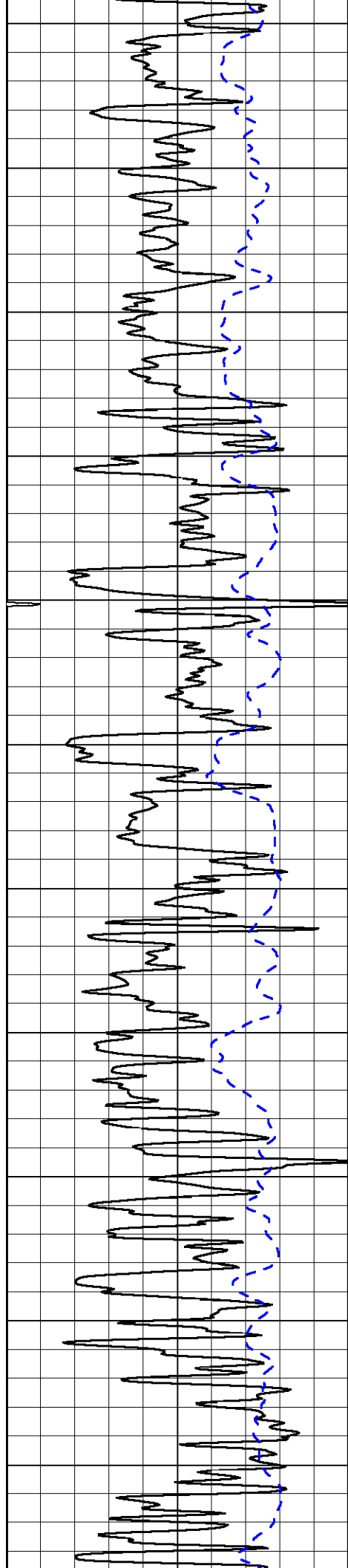
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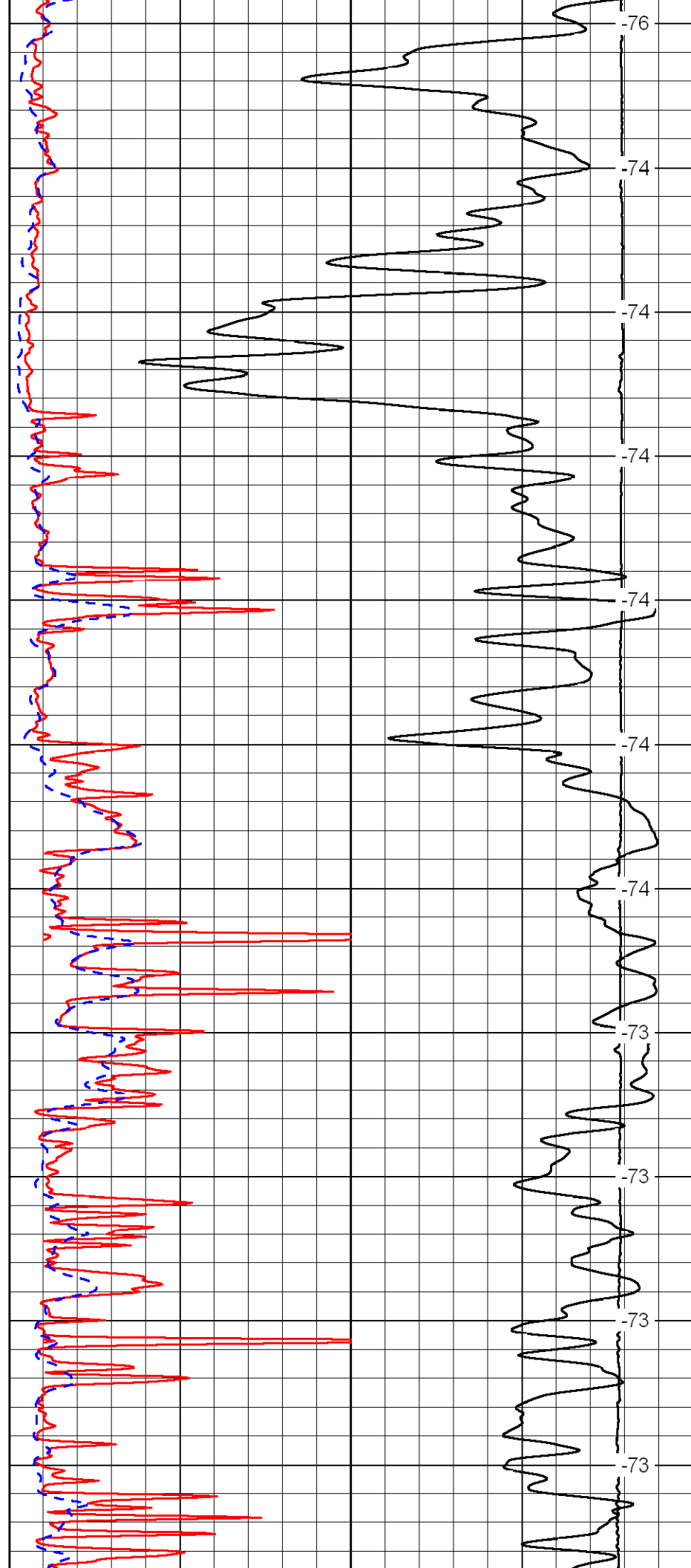




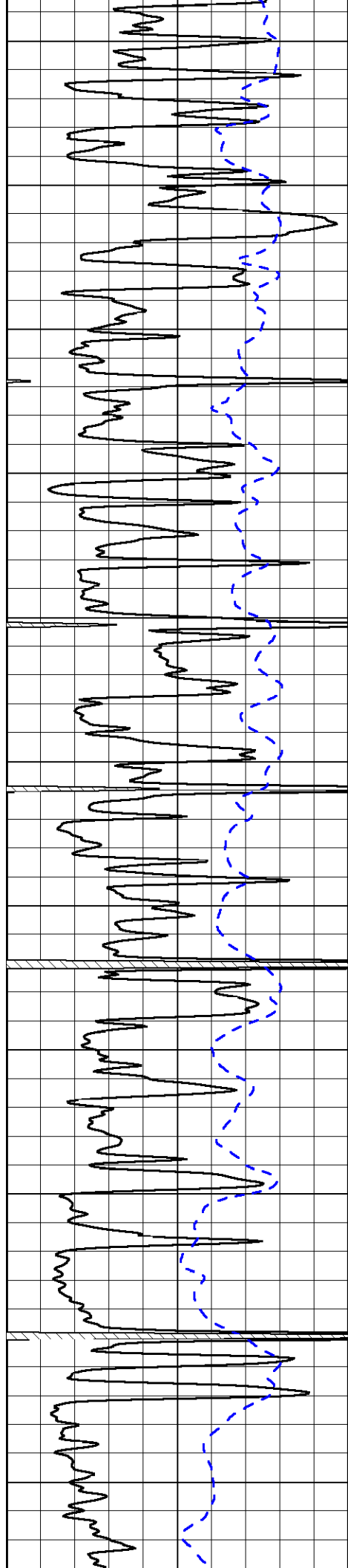




2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400



-76
-74
-74
-74
-74
-74
-74
-73
-73
-73
-73



3450

3500

3550

3600

3650

3700

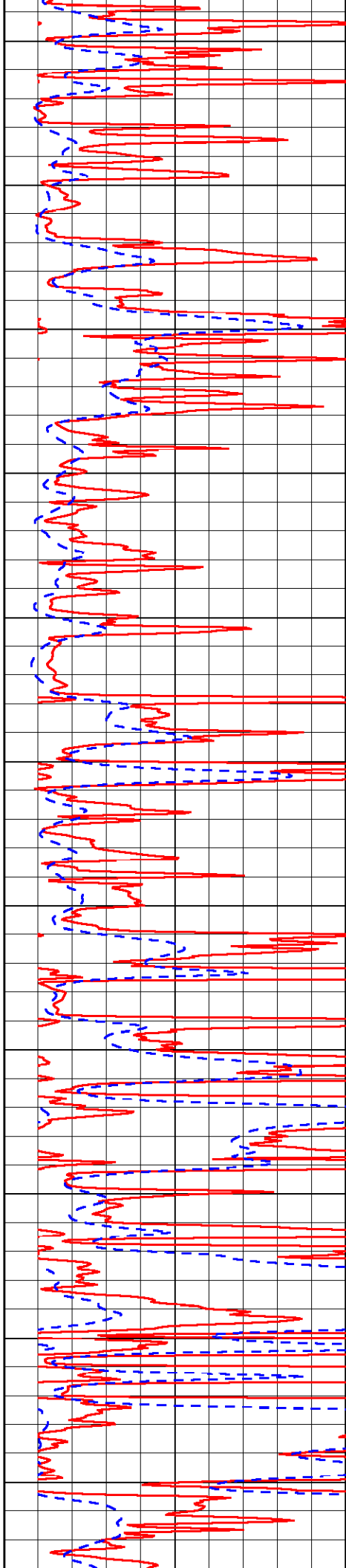
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3800

3850

3900

3950



-73

-58

-55

-28

-28

-29

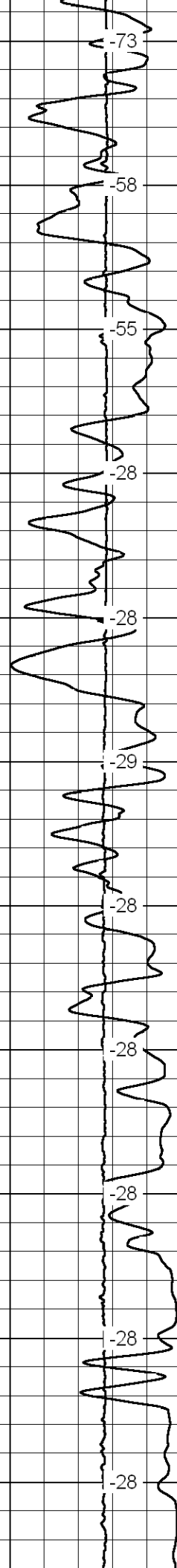
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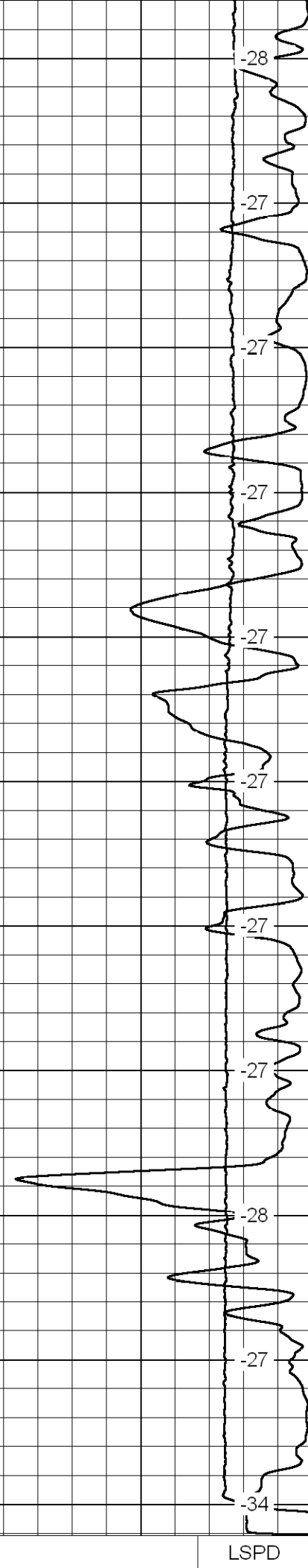
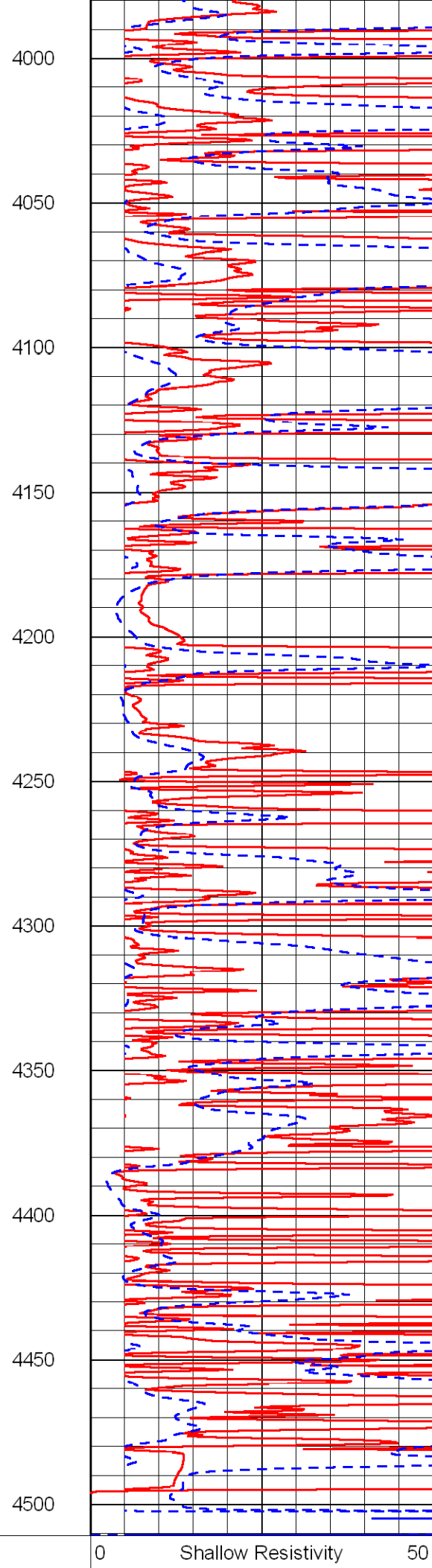
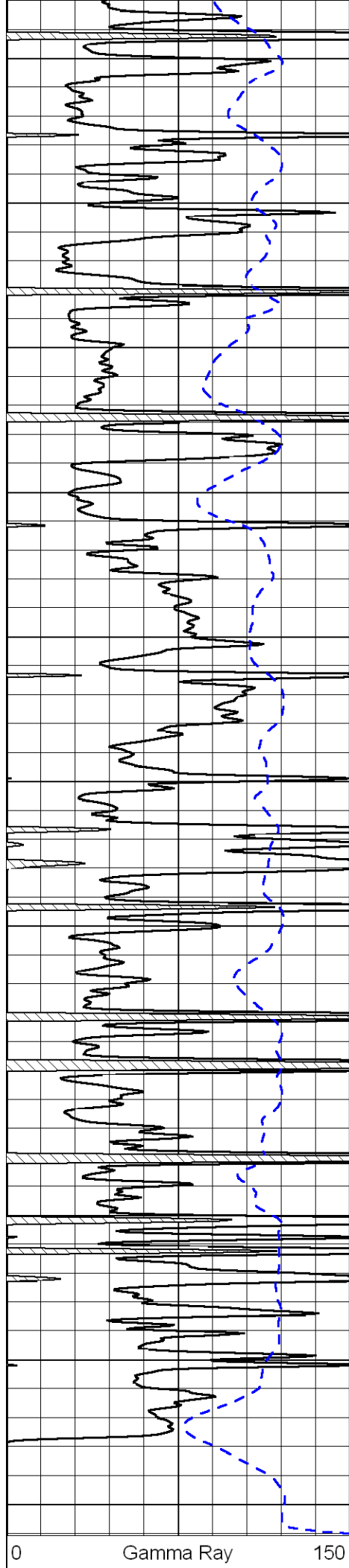
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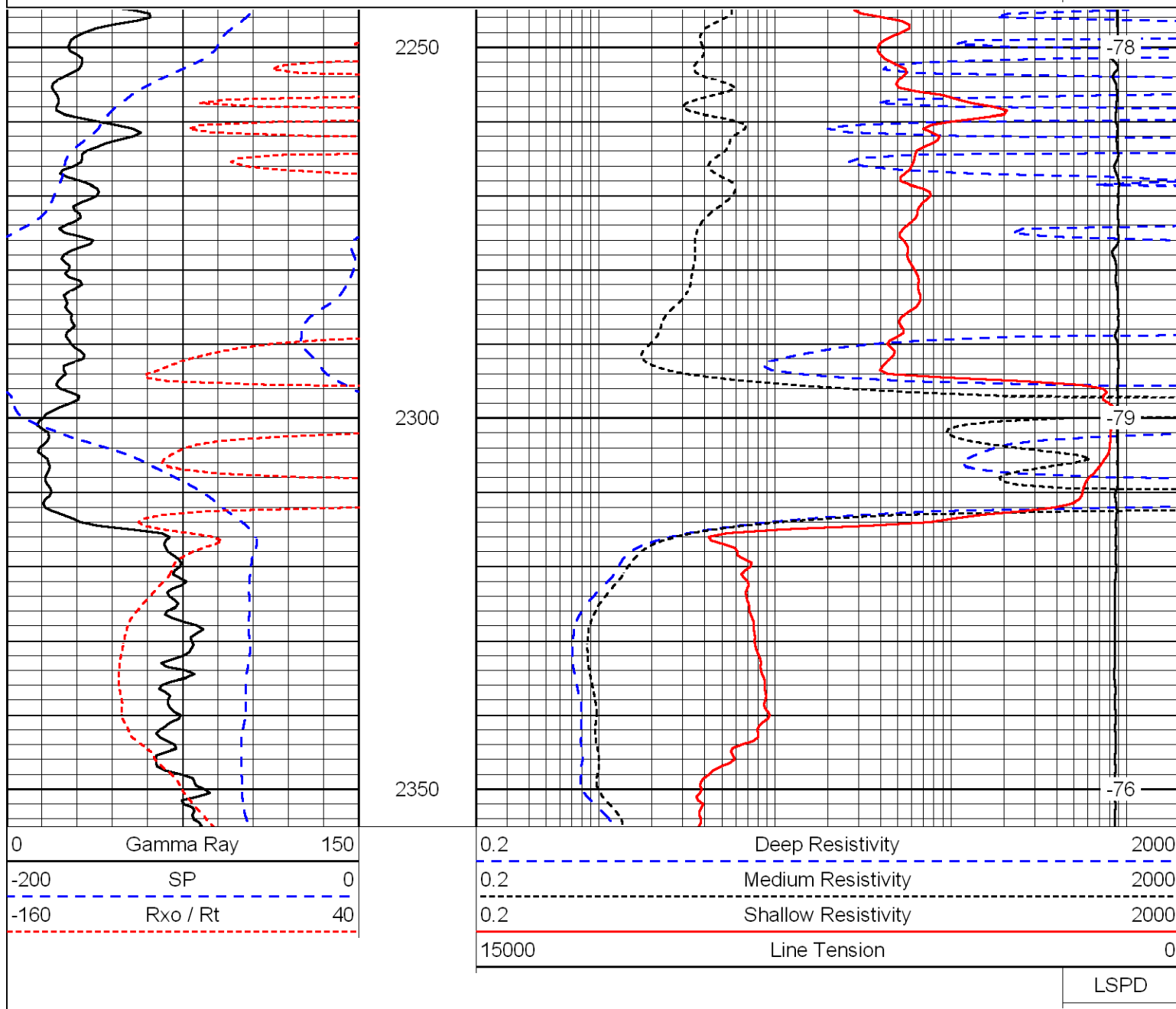




-200	SP	0
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File: kbnot112709hd.db
 Dataset Pathname: dil/kb2in2
 Presentation Format: dil
 Dataset Creation: Fri Nov 27 22:06:50 2009
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40
0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
LSPD		

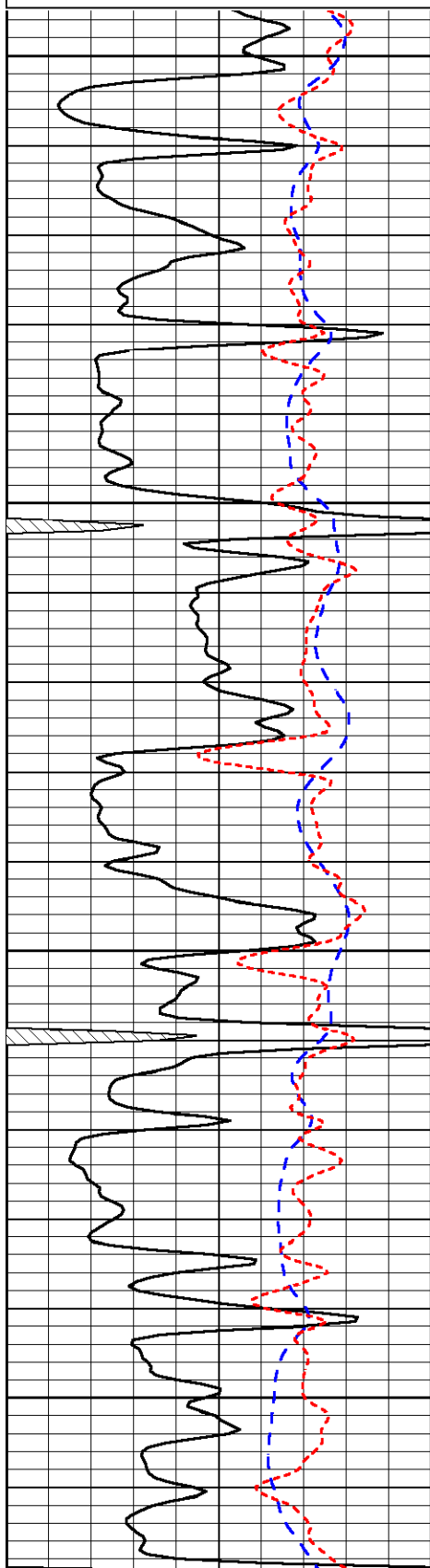


Database File: kbnot112709hd.db
Dataset Pathname: dil/kb2in2
Presentation Format: dil
Dataset Creation: Fri Nov 27 22:06:50 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD

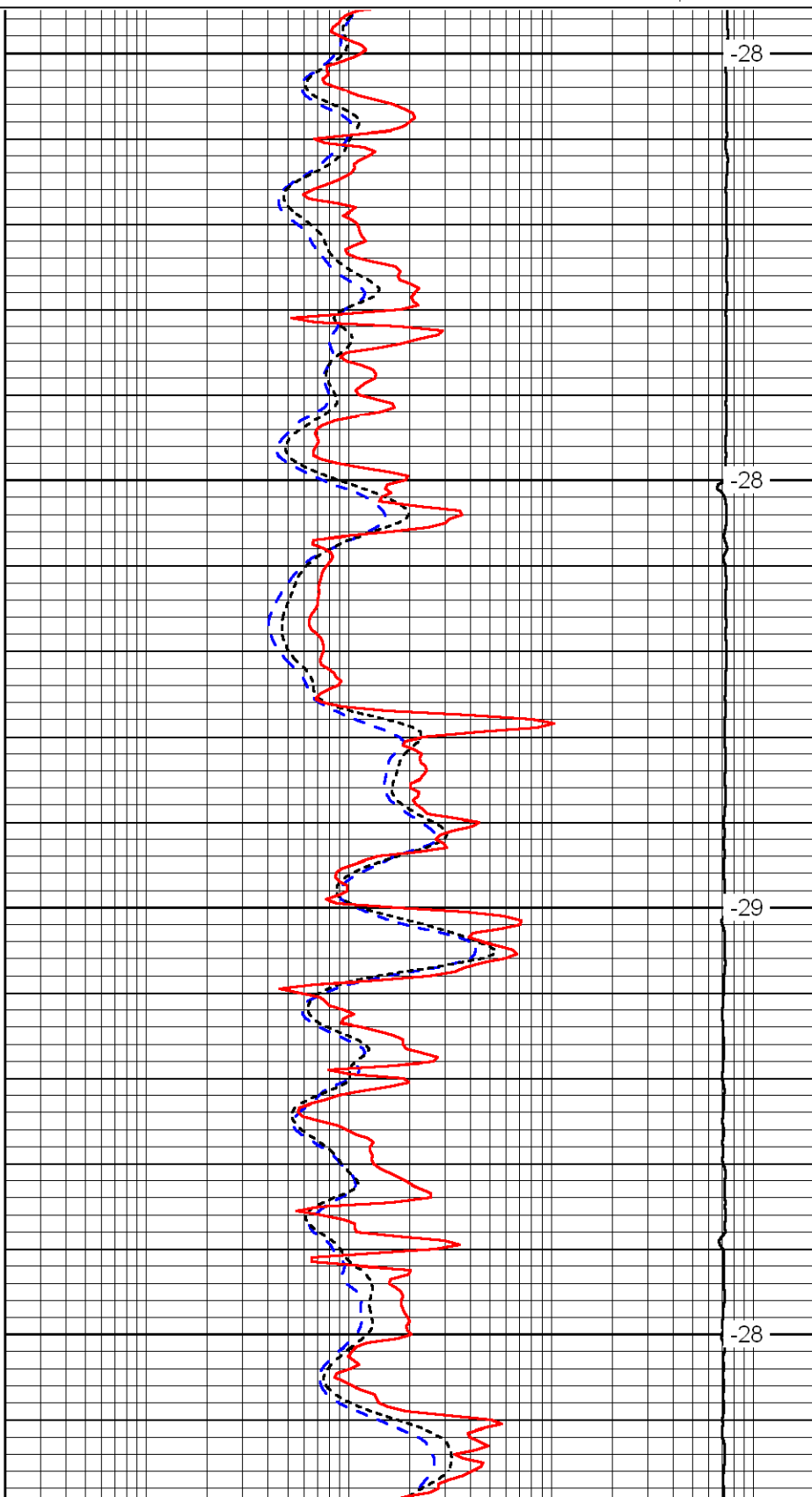


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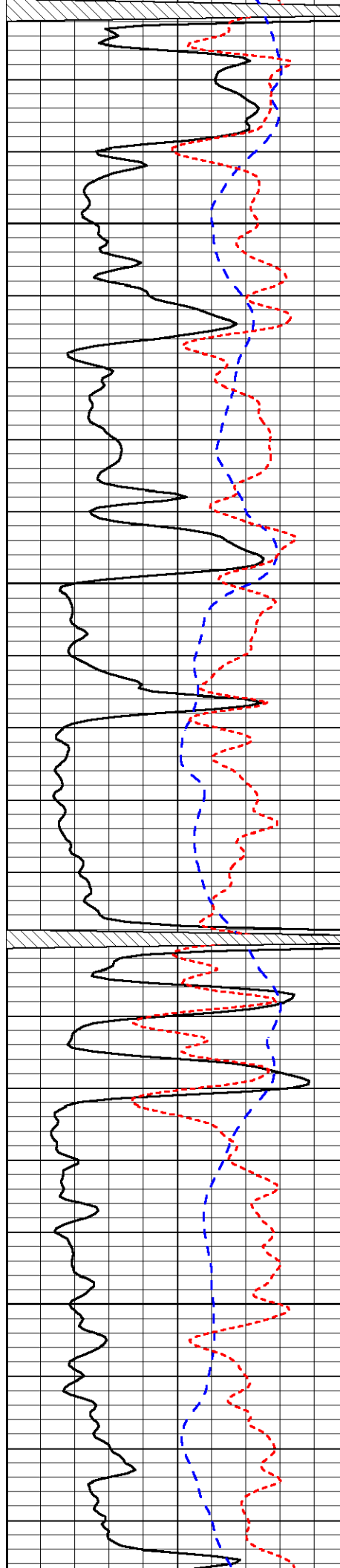


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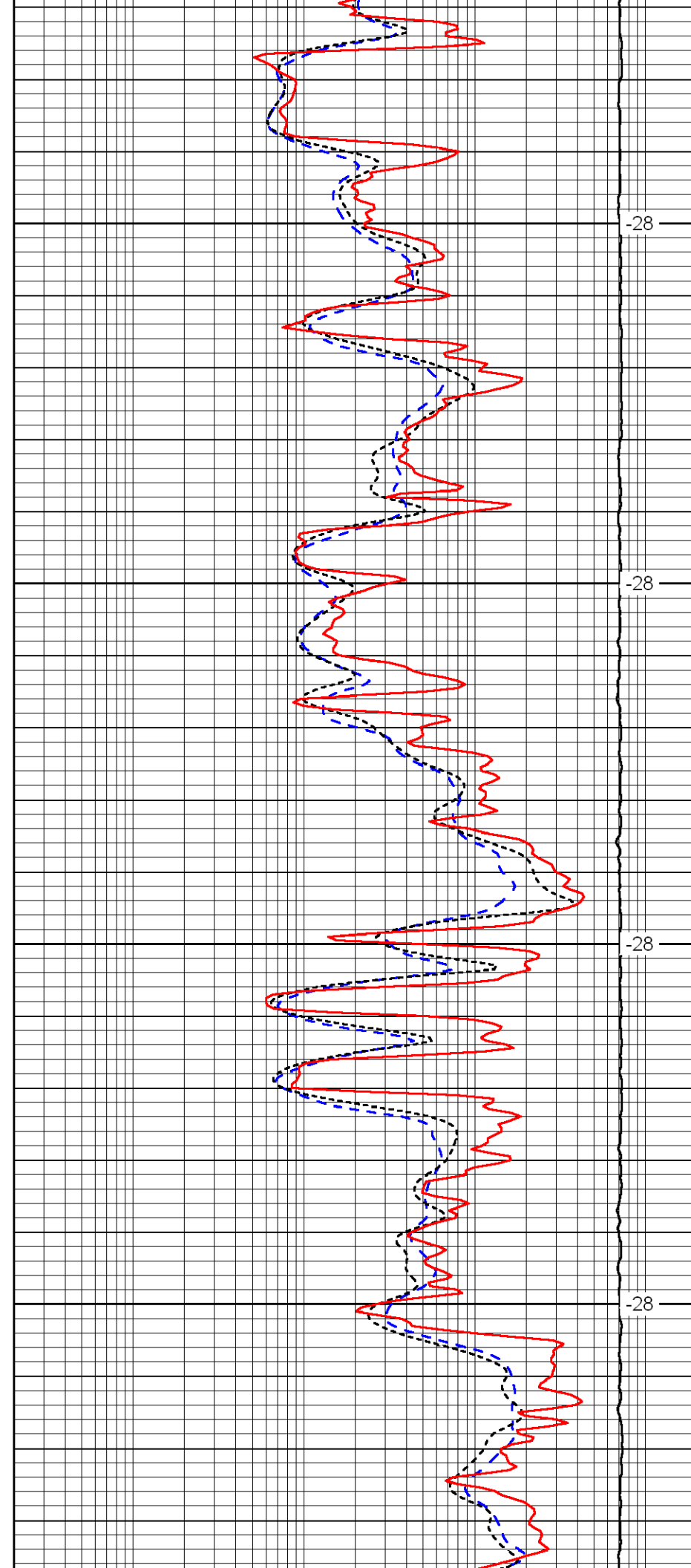


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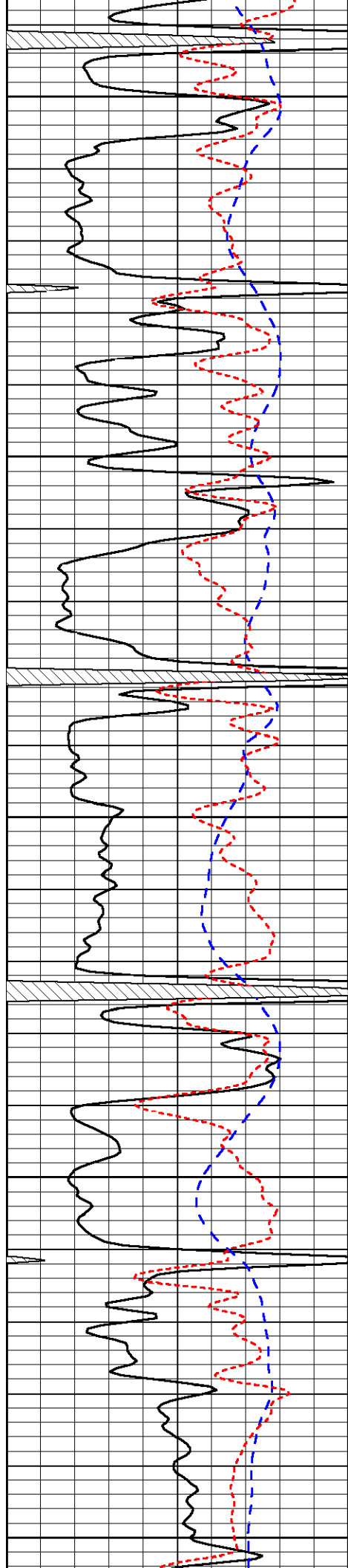


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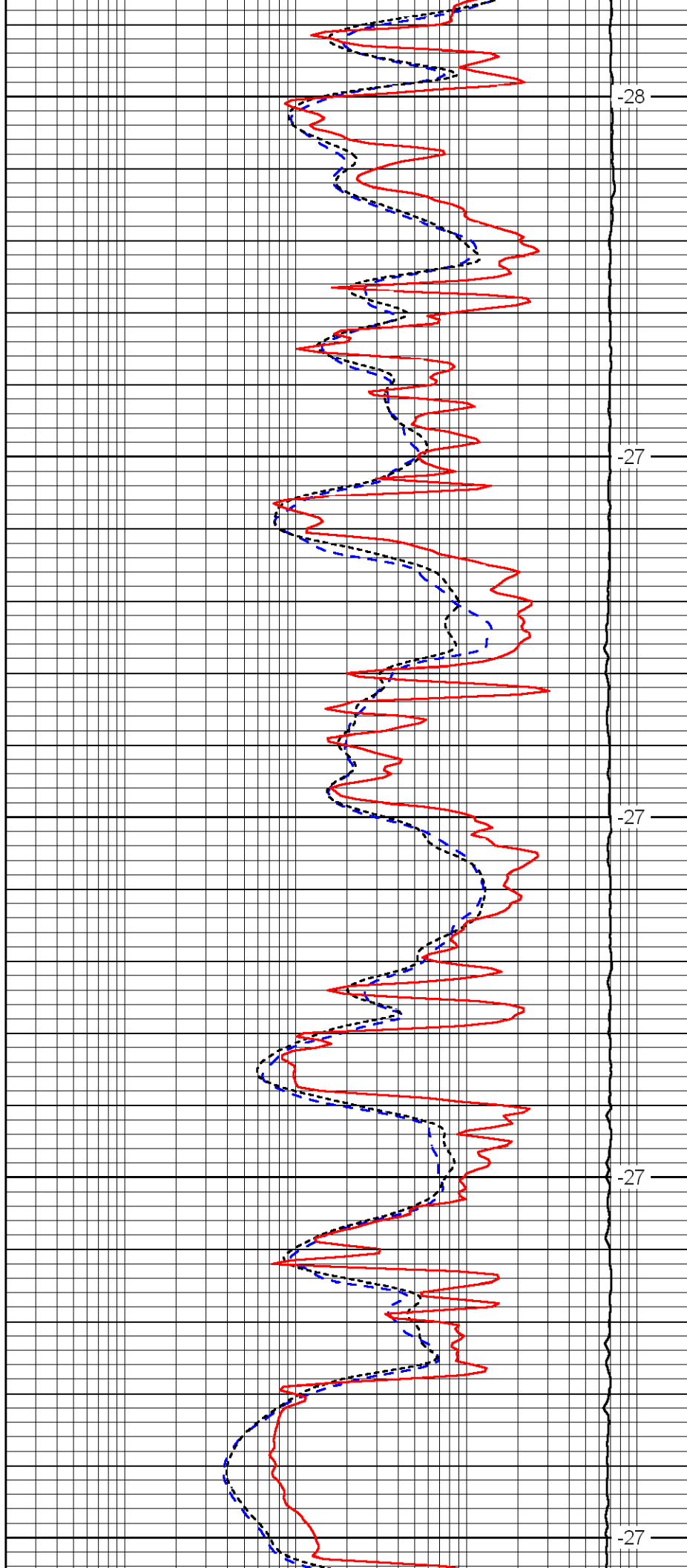
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4050

4100

4150

4200



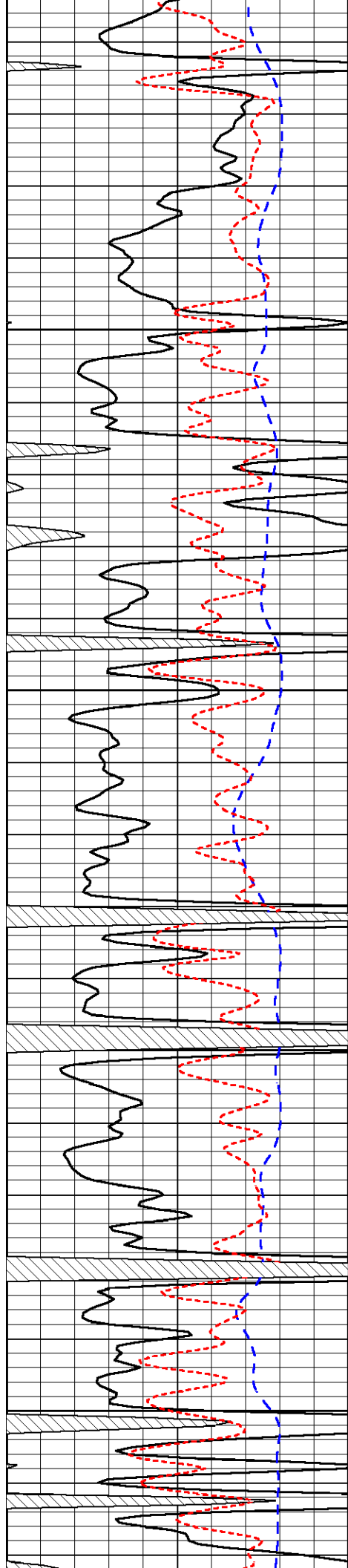
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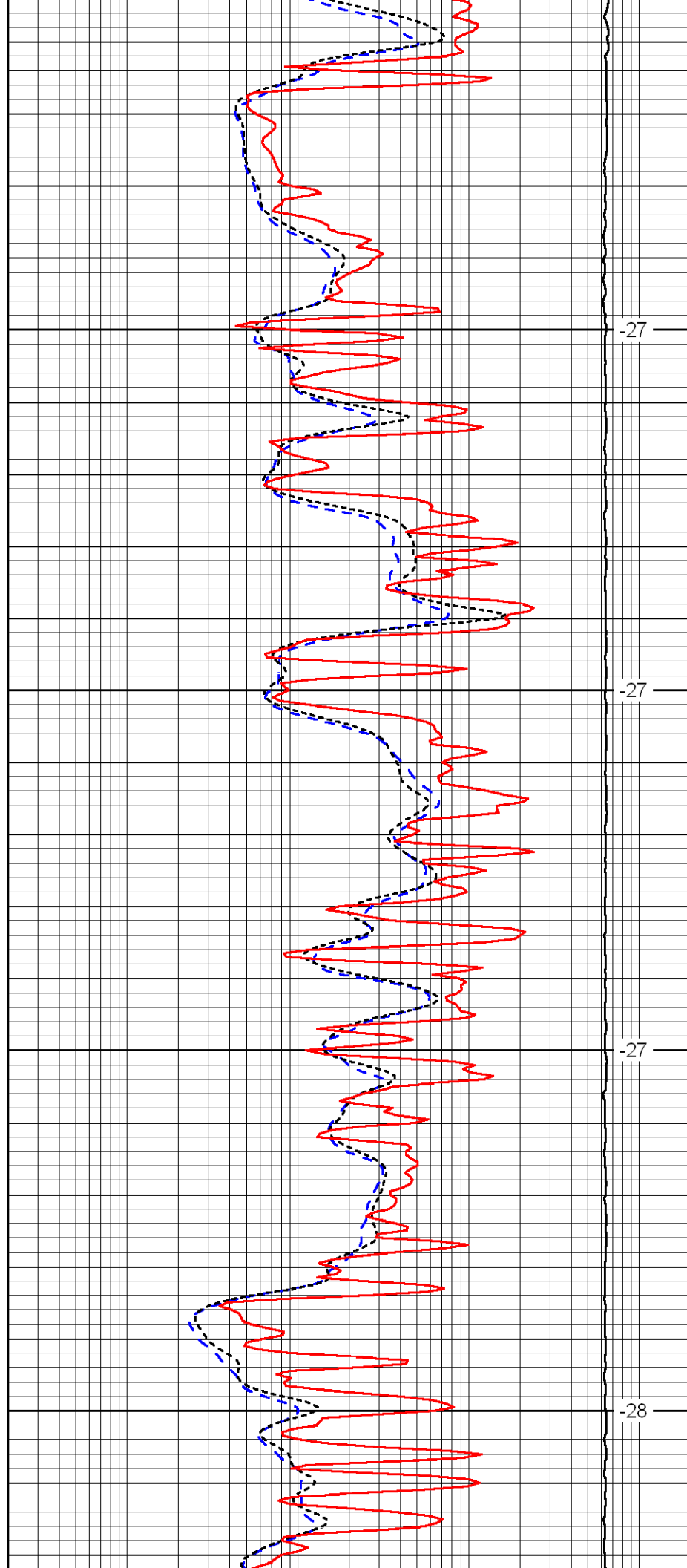


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4300

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4400

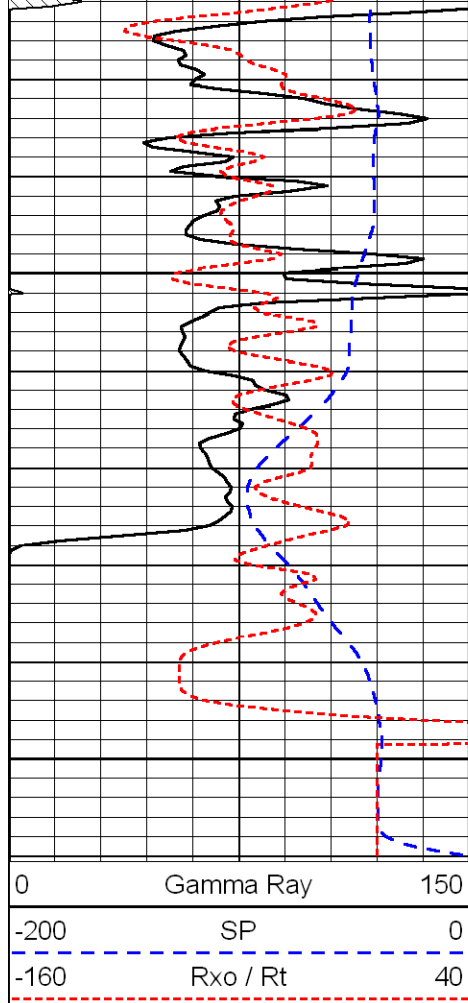


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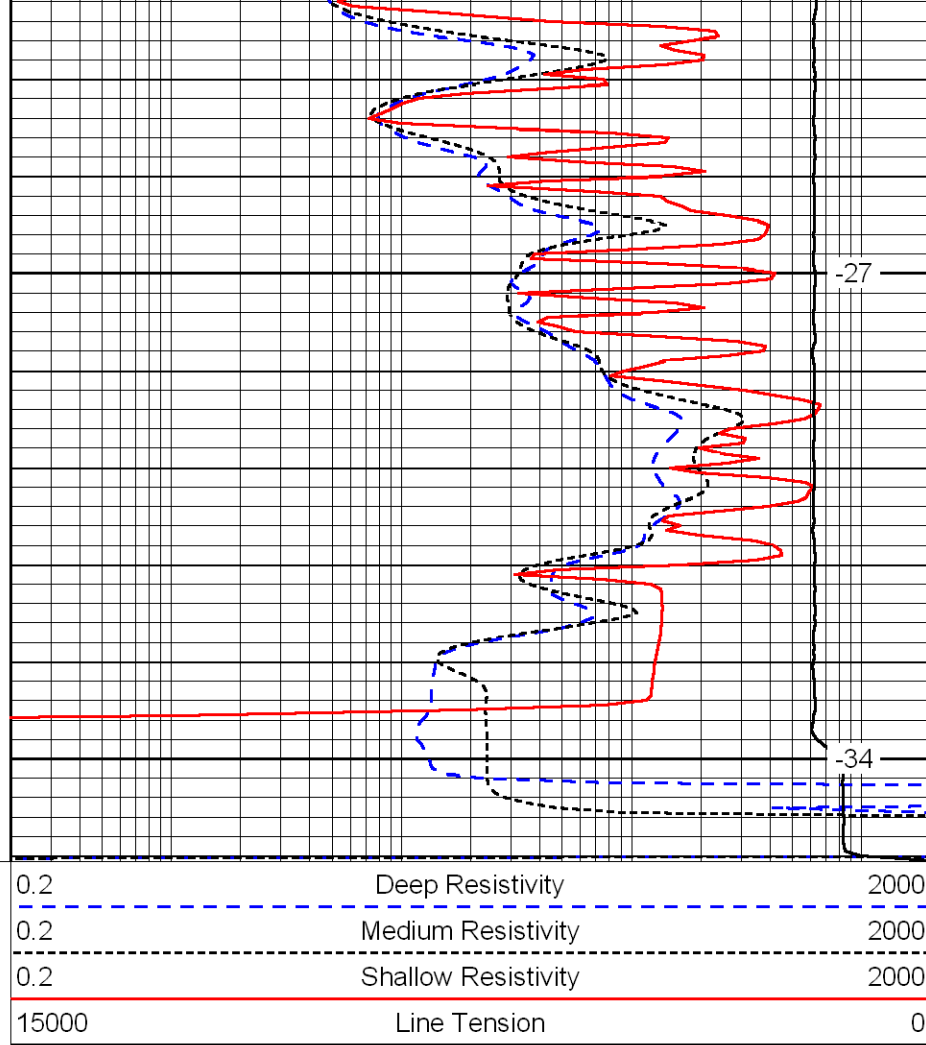
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4450

4500



-27

-34

LSPD