



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-195-22,646-00-00

Company: **Murfin Drilling Company, Inc.**
 Well: **Hendricks No. 1-16**
 Field: **Wildcat**
 County: **Trego** State: **Kansas**

Location: **2000' FNL & 1220' FEL**

Sec: **16** Twp: **12S** Rge: **24W**

Other Services: **CNL/CDL MEL/BHCS**

Permanent Datum Ground Level Elevation 2453
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

K.B. 2458
 D.F. 2453
 G.L. 2453

Date	03/28/2010
Run Number	One
Depth Driller	4120
Depth Logger	4119
Bottom Logged Interval	4118
Top Log Interval	00
Casing Driller	8.625 @ 219
Casing Logger	216
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	2,100
Density / Viscosity	9.0 54
pH / Fluid Loss	11.5 6.4
Source of Sample	Flowline
Rm @ Meas. Temp	.27 @ 58
Rmf @ Meas. Temp	.20 @ 58
Rmc @ Meas. Temp	.36 @ 58
Source of Rmf / Rmc	Charts
Rm @ BHT	.13 @ 119
Operating Rig Time	4 1/2 Hours
Max Rec. Temp. F	119
Equipment Number	17
Location	Hays
Recorded By	Mike Garrison
Witnessed By	Paul Gunzelman

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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

Voda Exit, 1/2 South, 2 East, 1/2 South, West Into

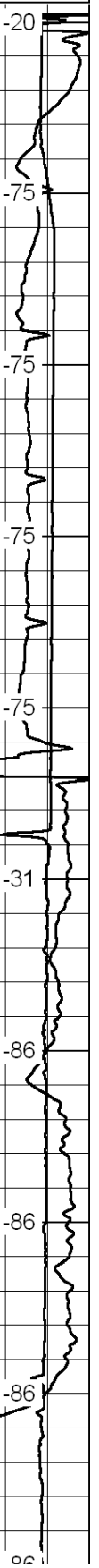
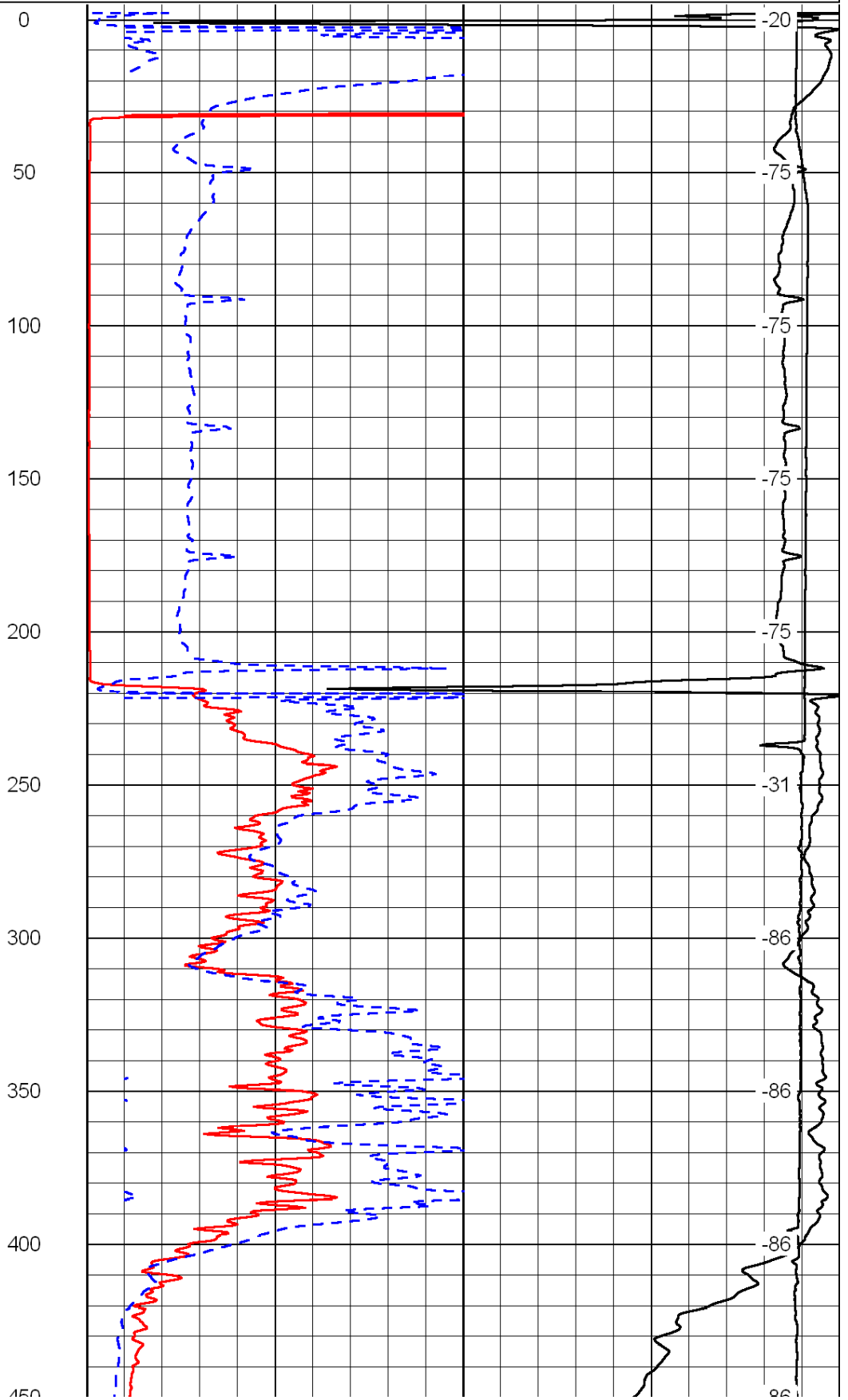
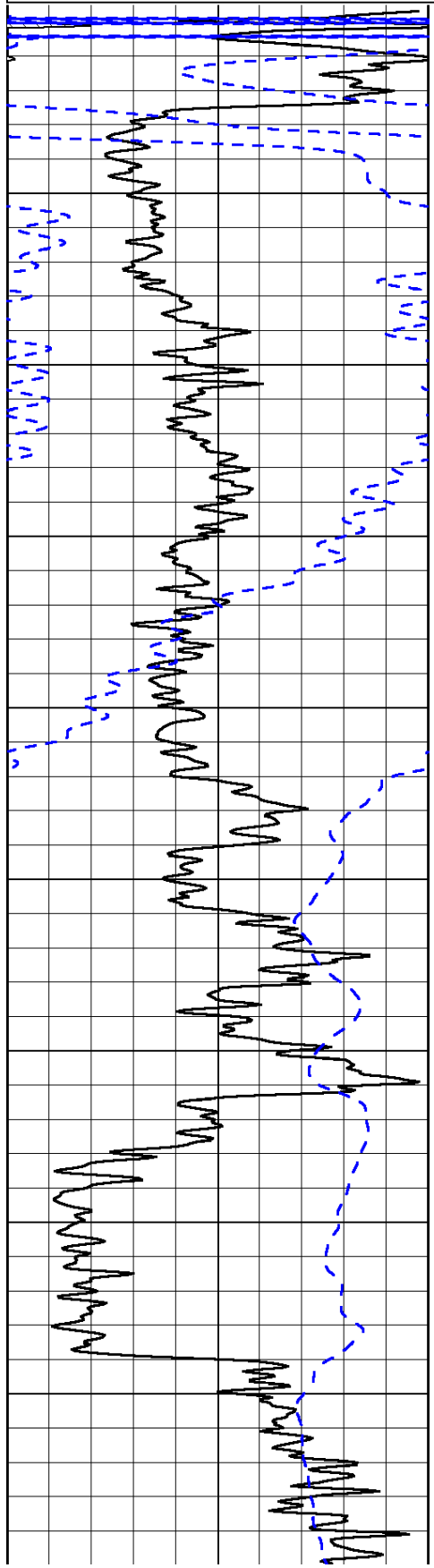
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-200	SP (MV)	0

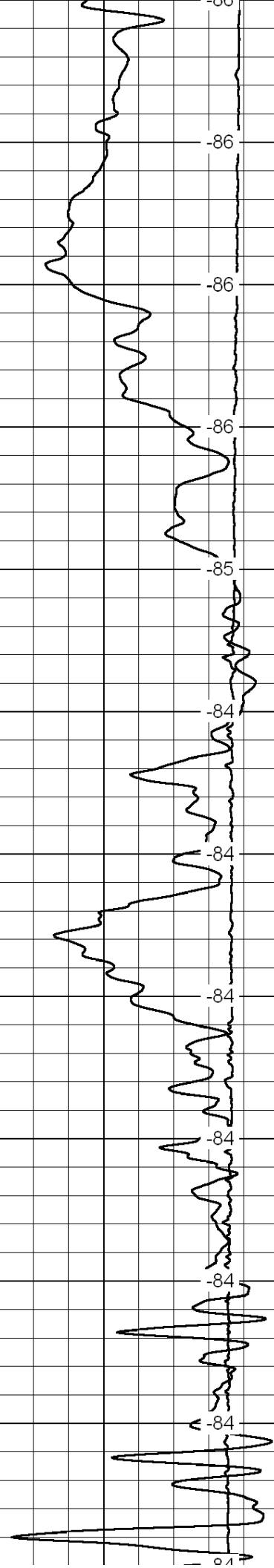
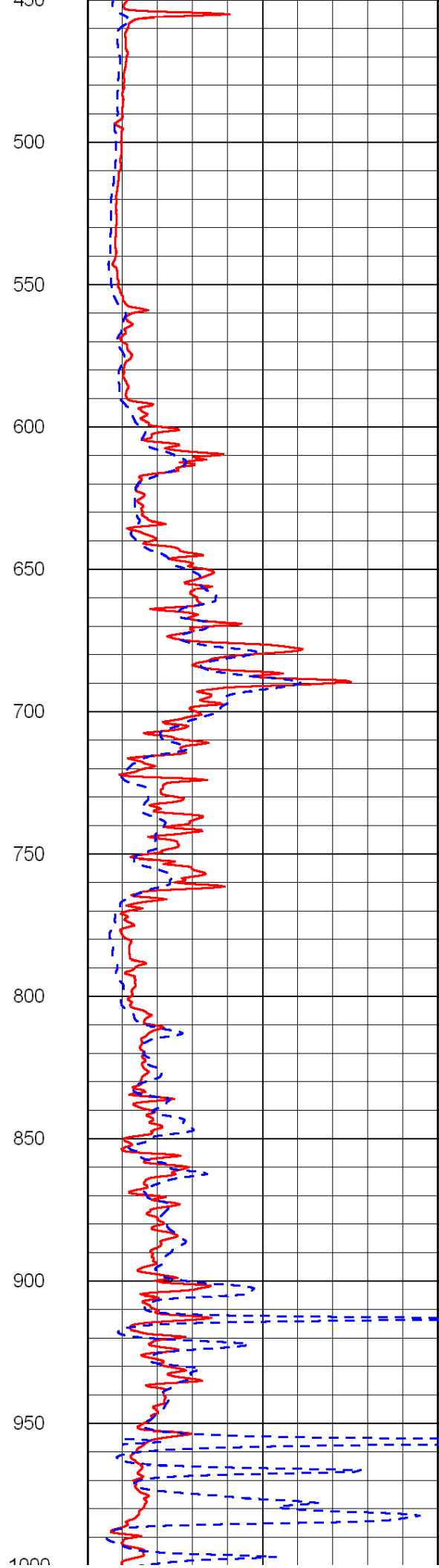
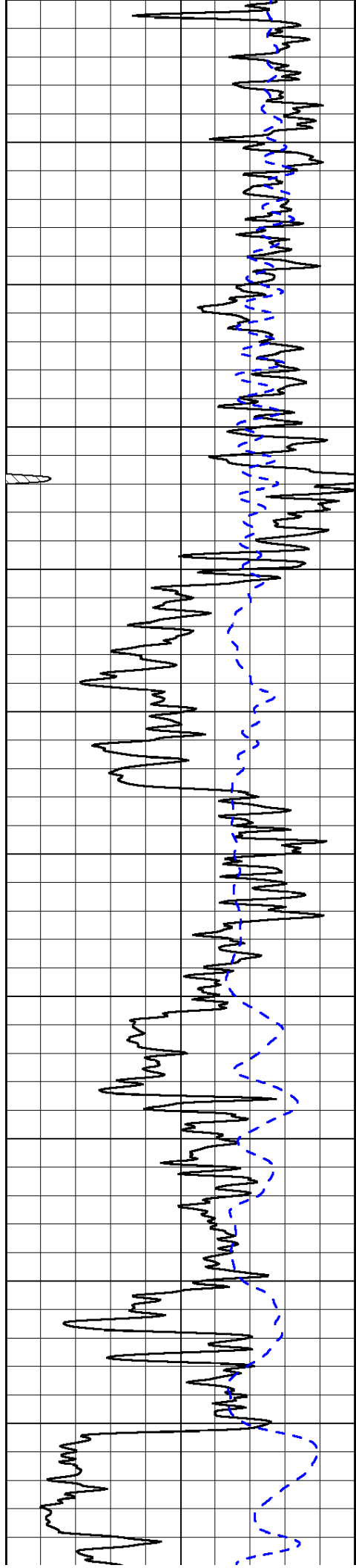
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0	Deep Resistivity (Ohm-m)	50

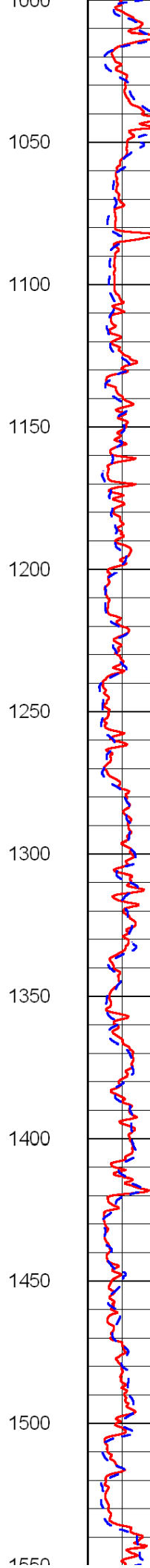
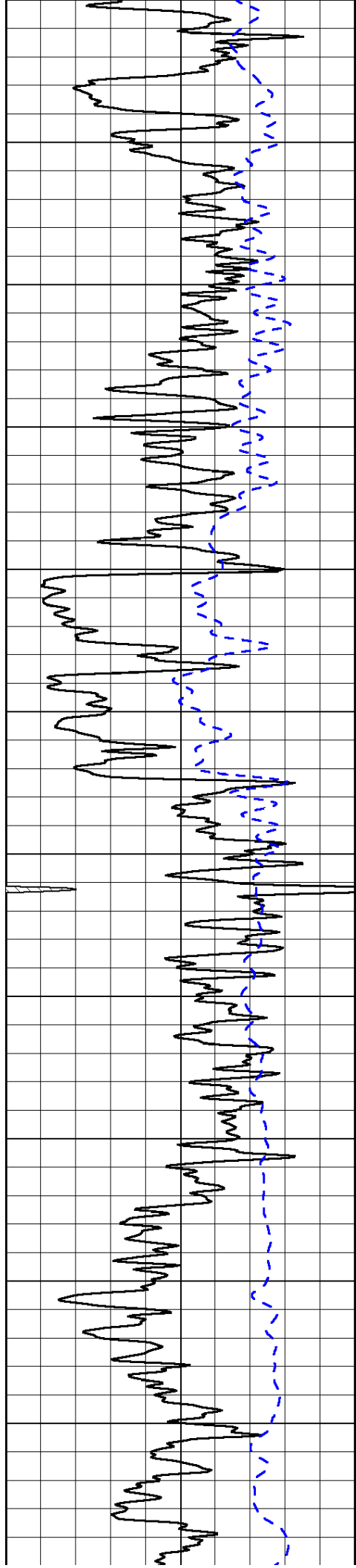
LSPD (ft/min)	0
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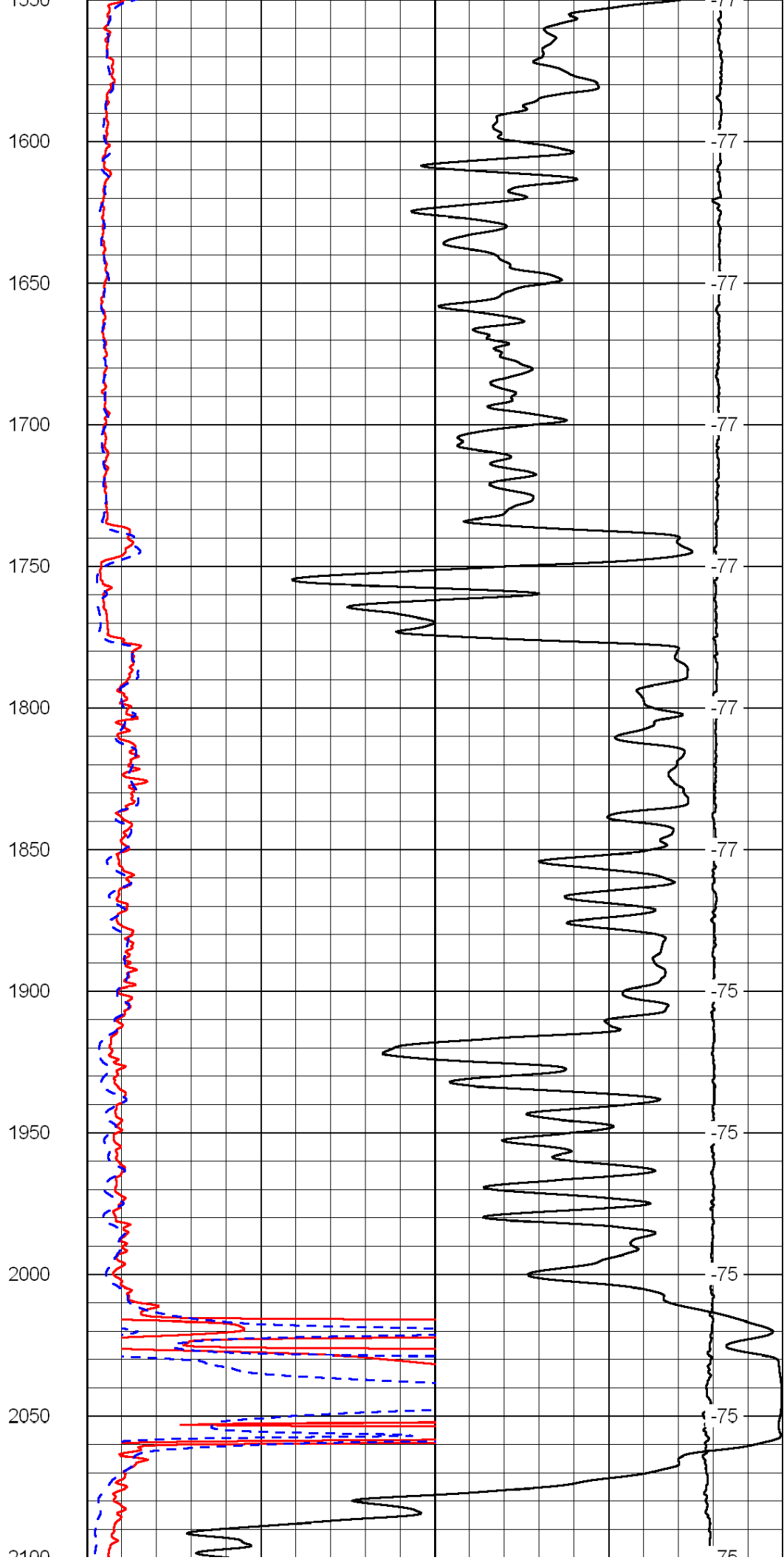
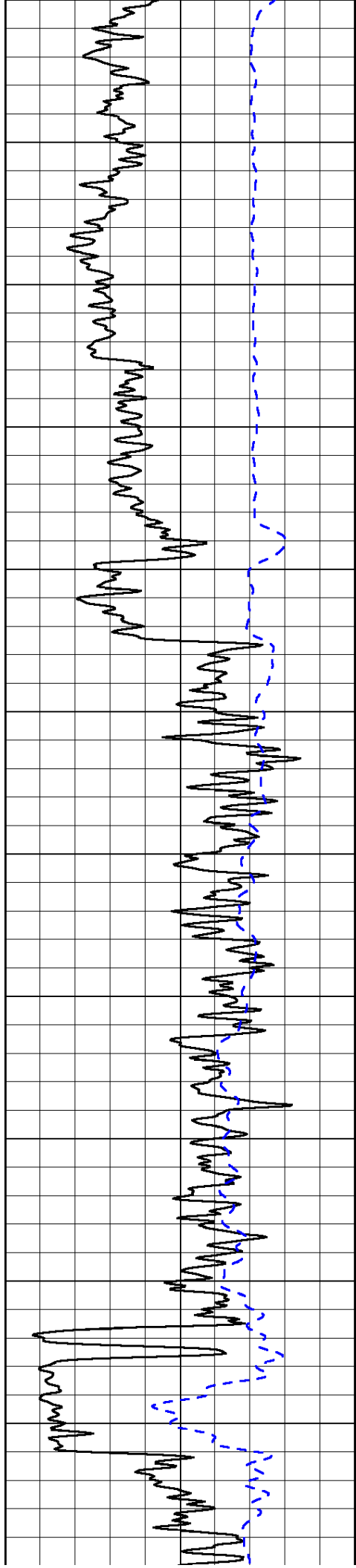
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

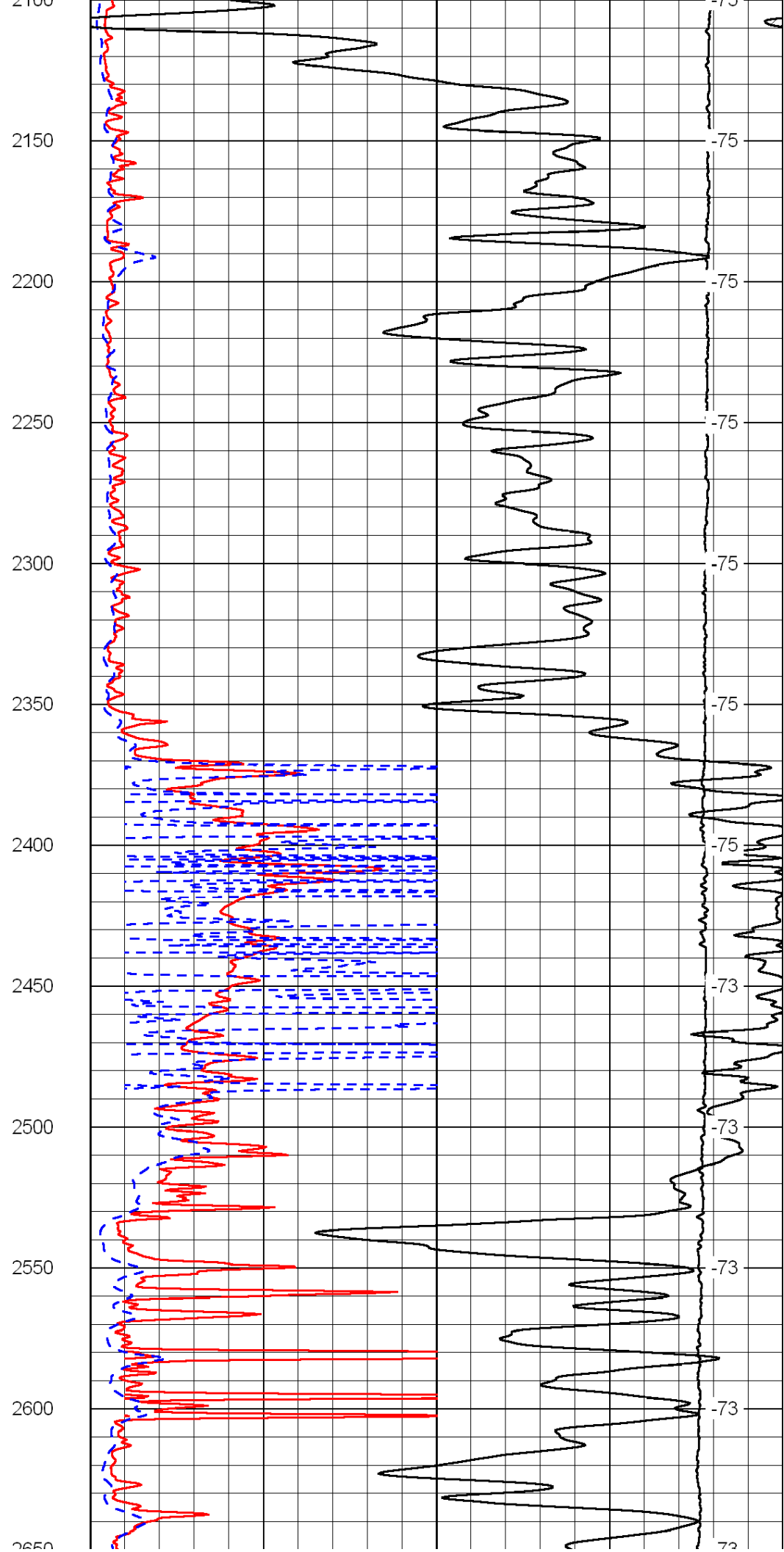
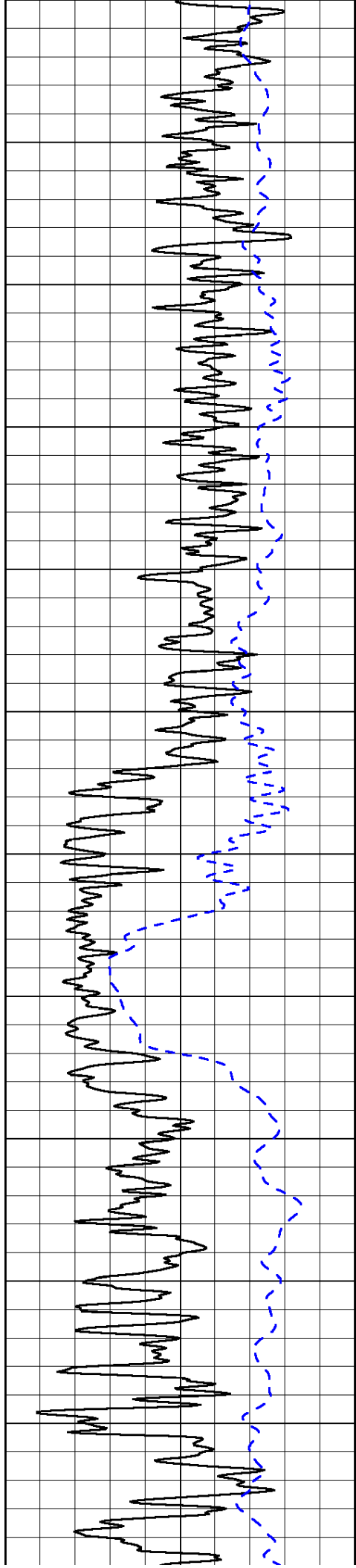
Shallow Resistivity		
50	(Ohm-m)	500
Deep Resistivity (Ohm-m) 500		

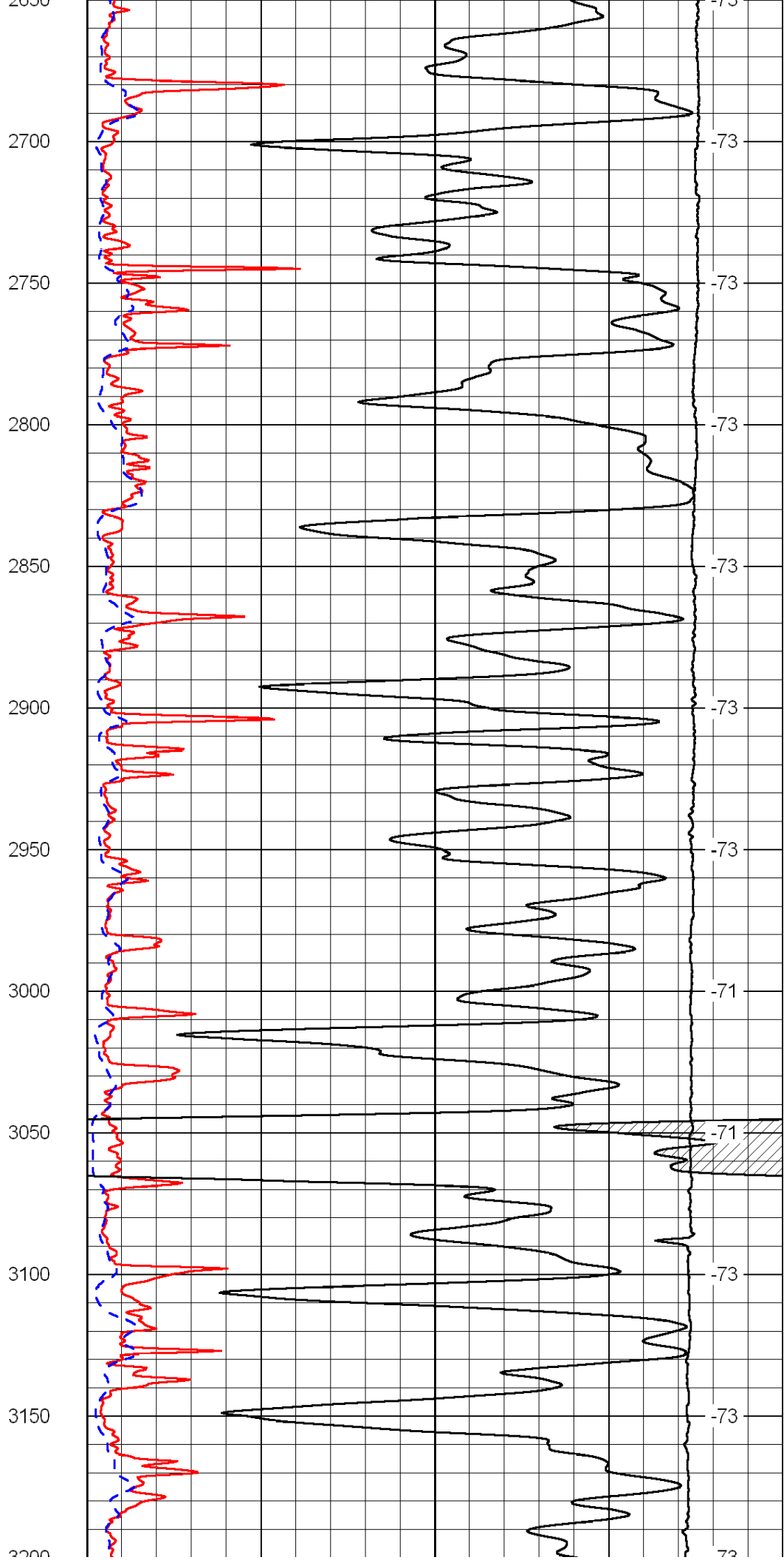
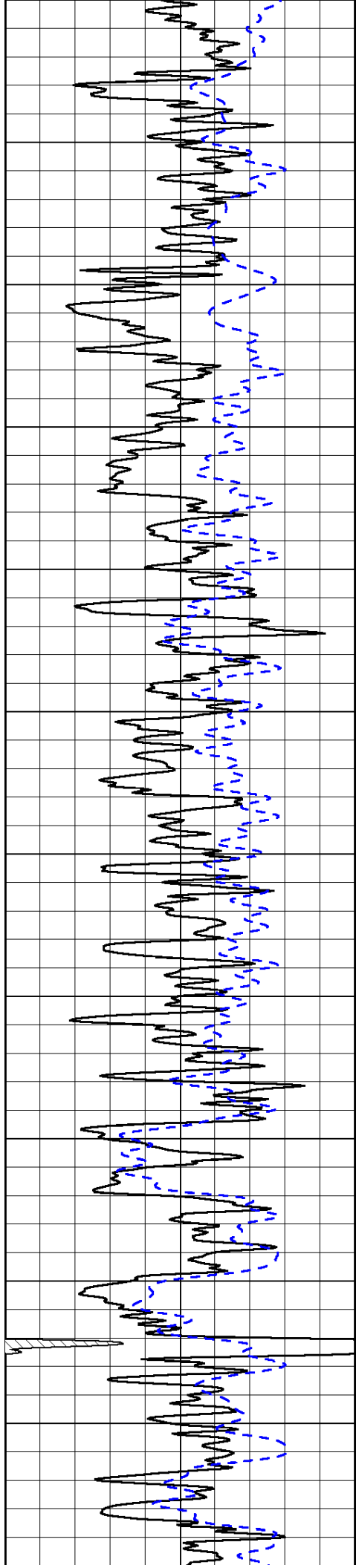


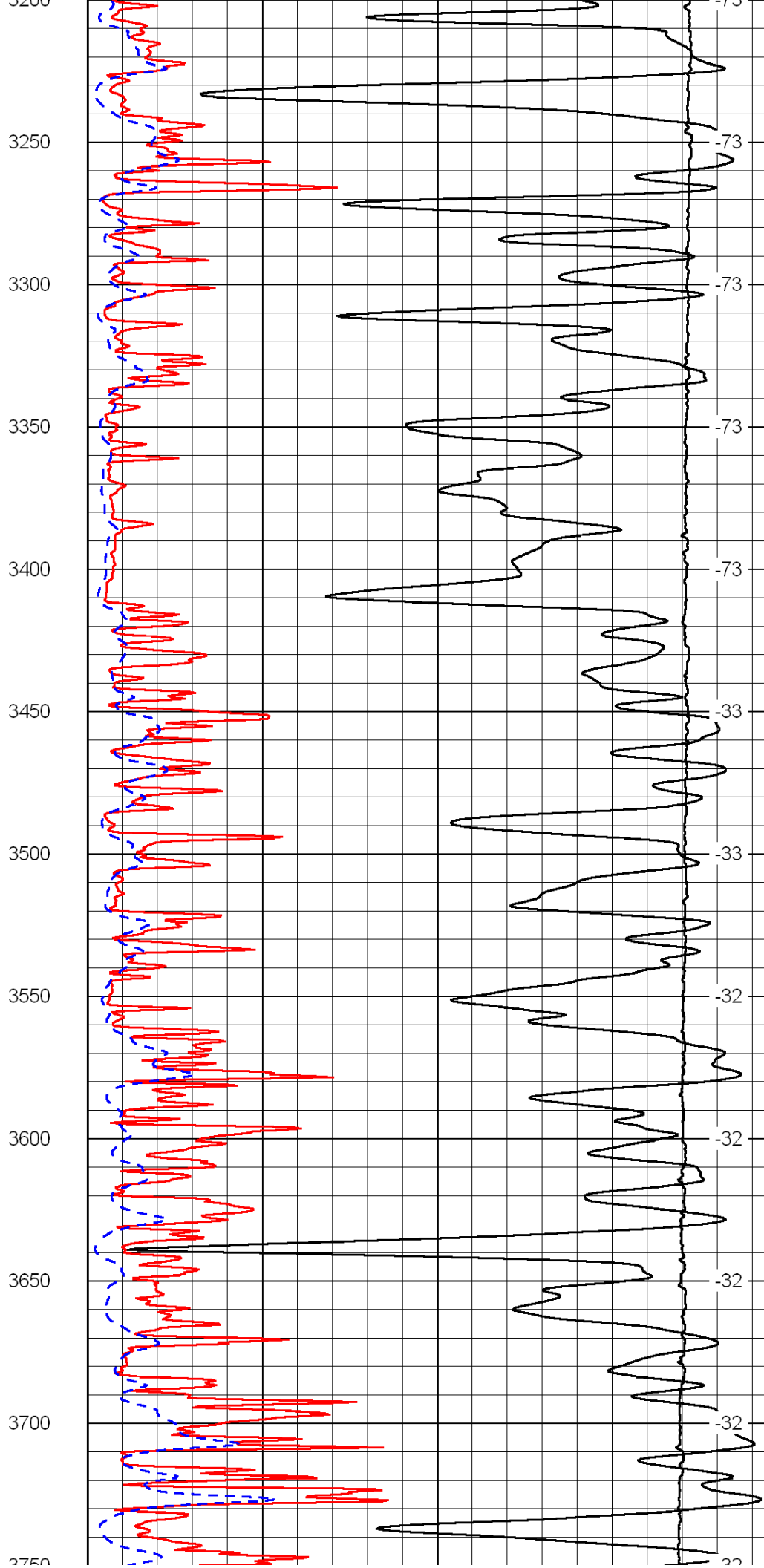
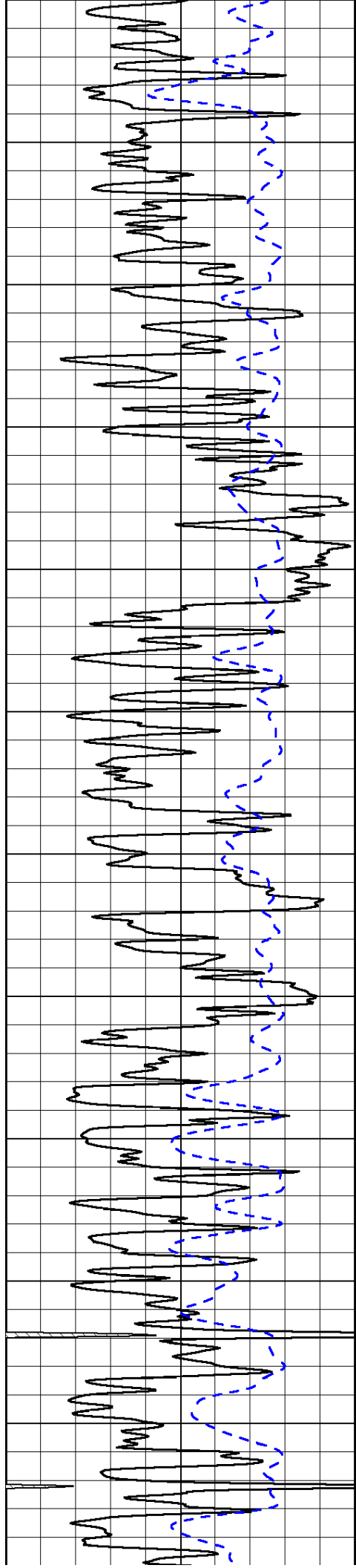


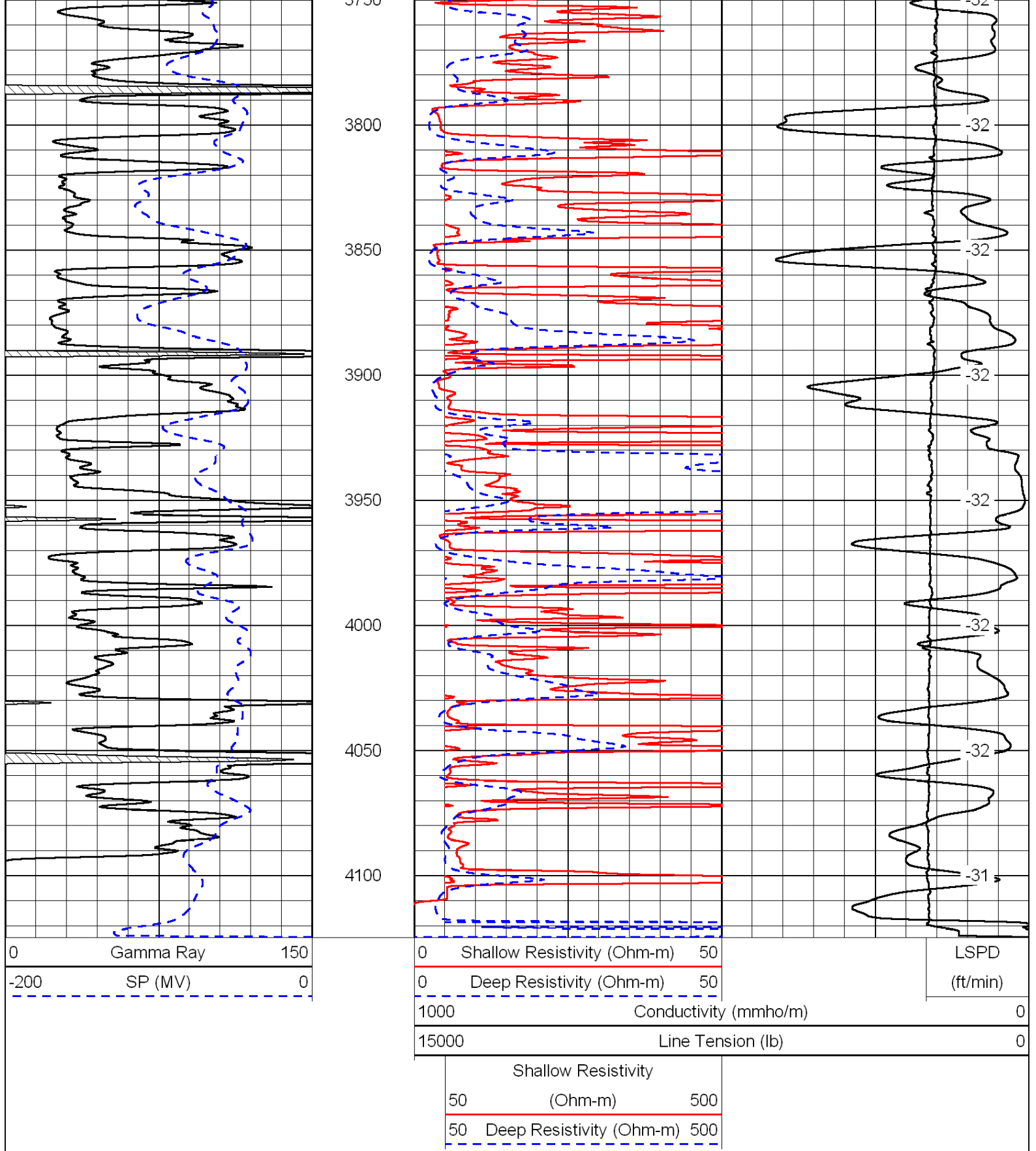












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 Presentation Format: dil
 Dataset Creation: Sun Mar 28 08:02:49 2010
 Charted by: Depth in Feet scaled 1:240

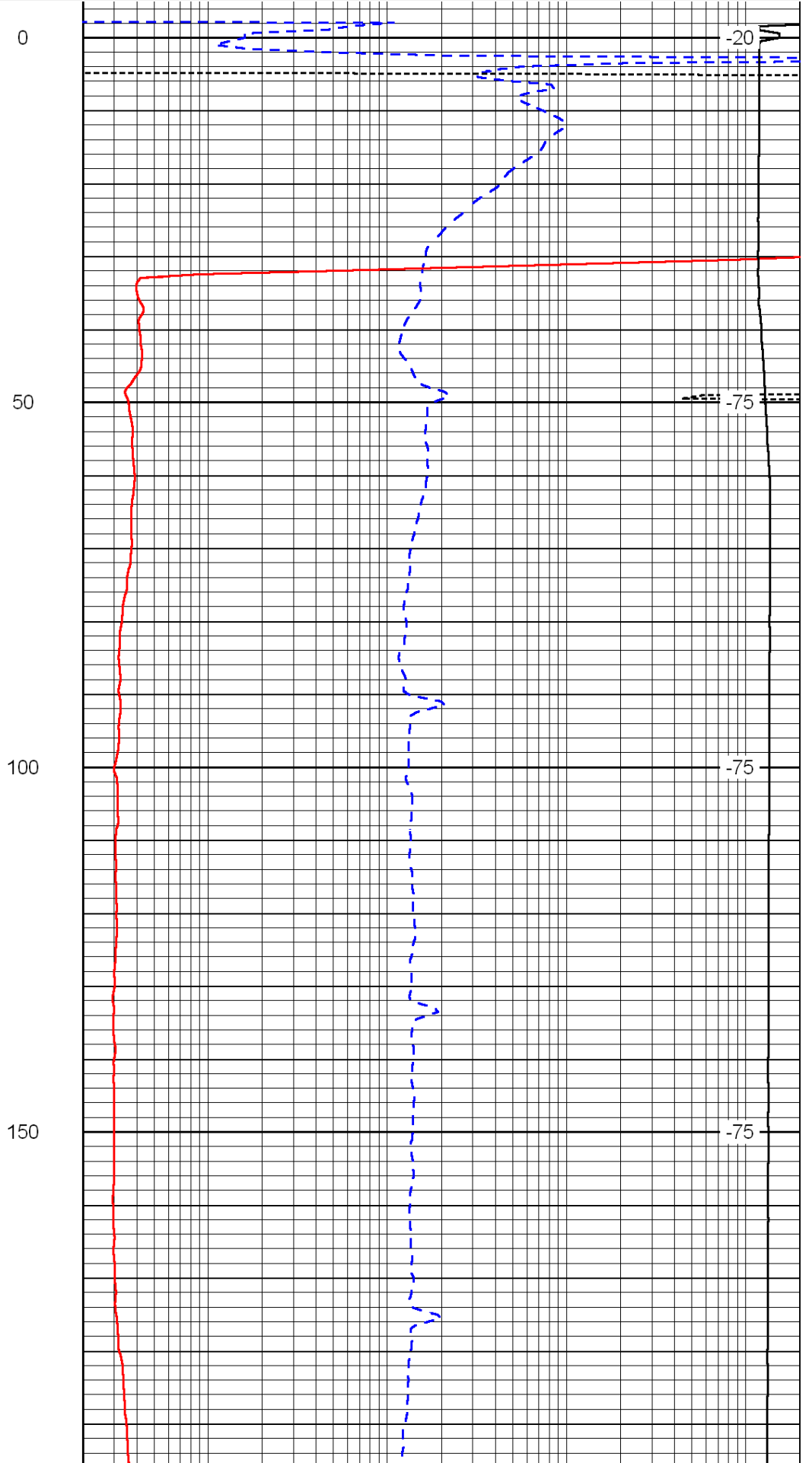
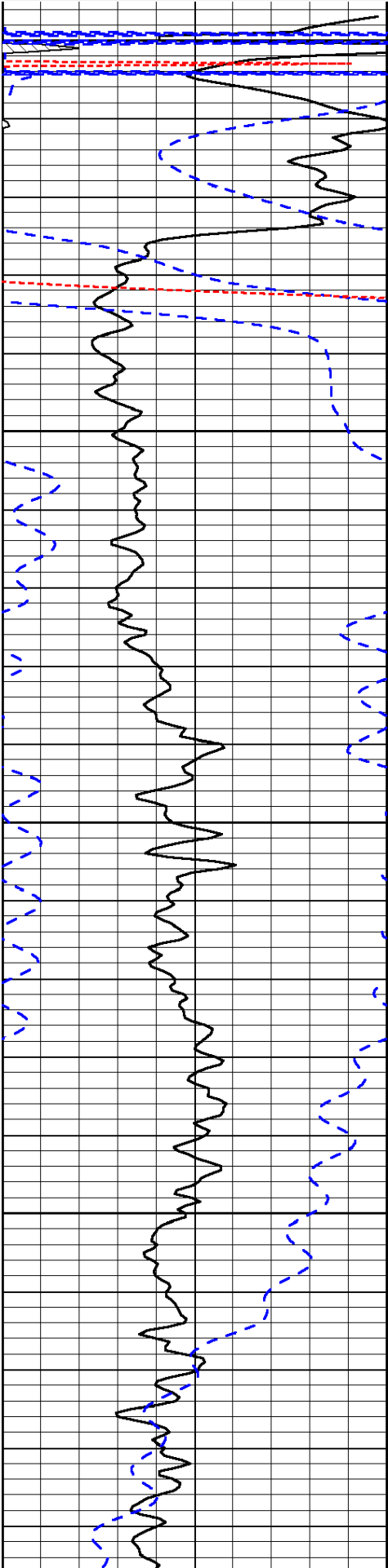


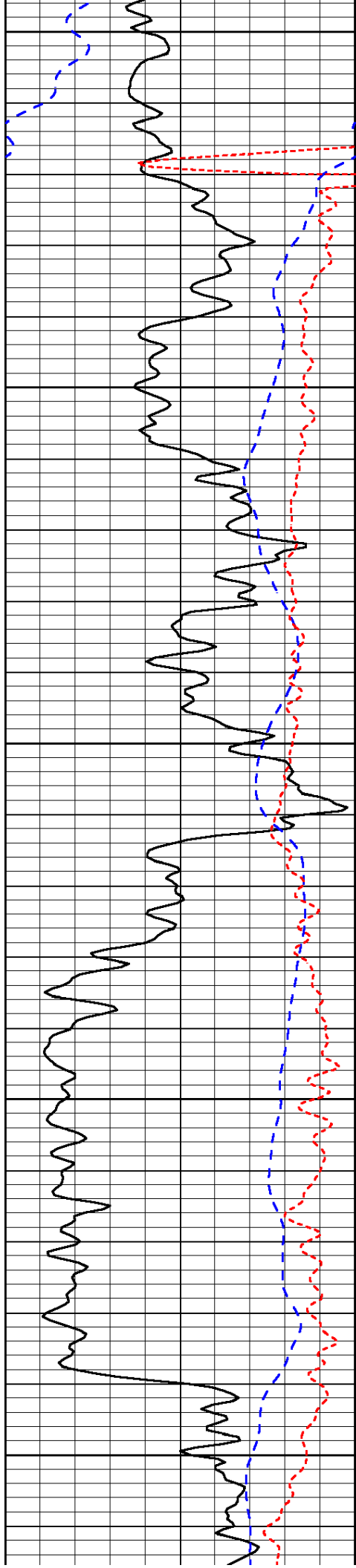
-160 Rxo / Rt 40

0.2 Shallow Resistivity (Ohm-m) 2000

15000 Line Tension (lb) 0

LSPD
(ft/min)





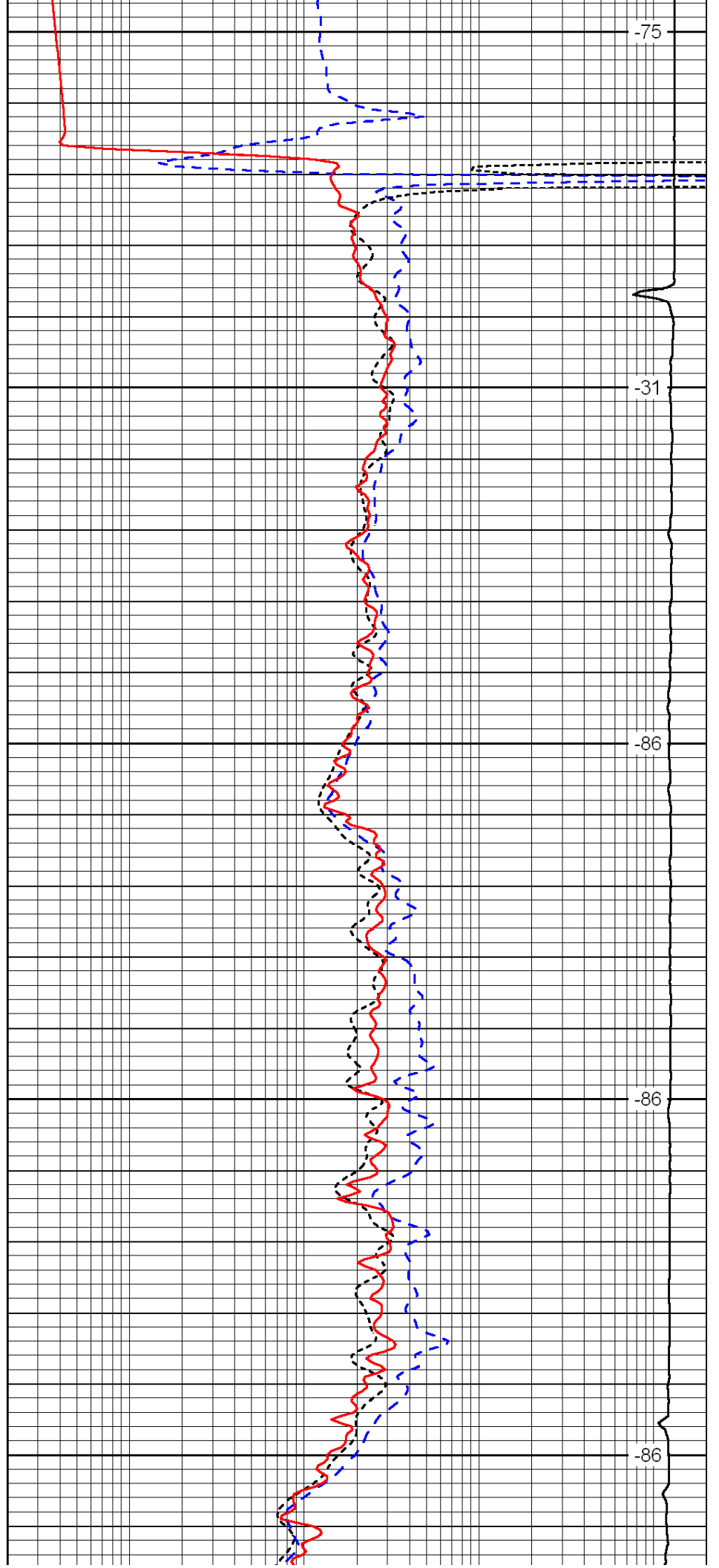
200

250

300

350

400



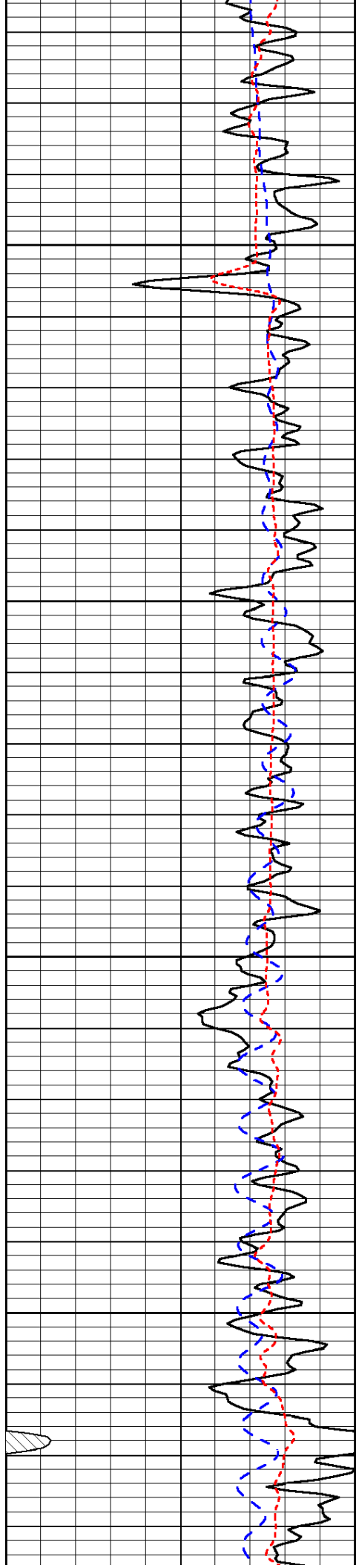
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-86

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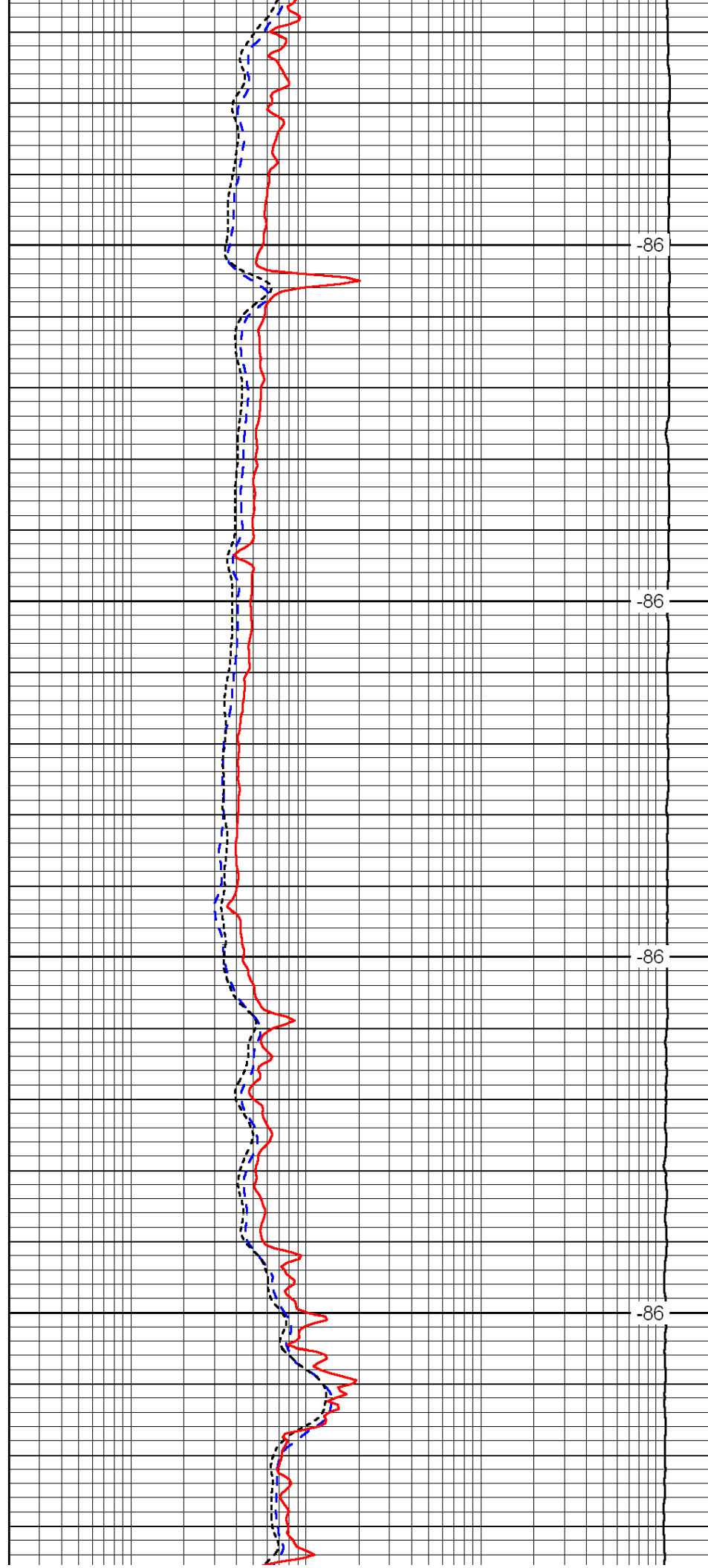


450

500

550

600

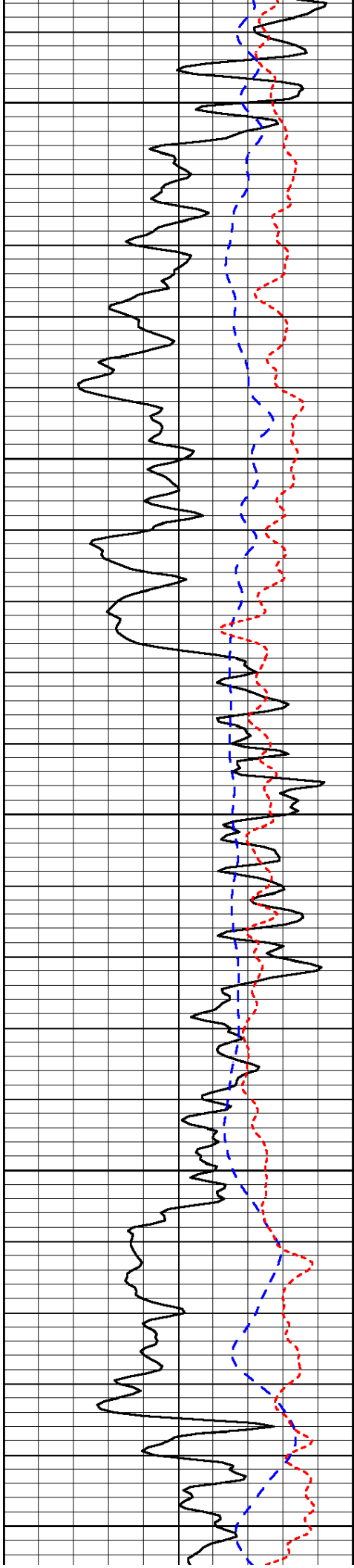


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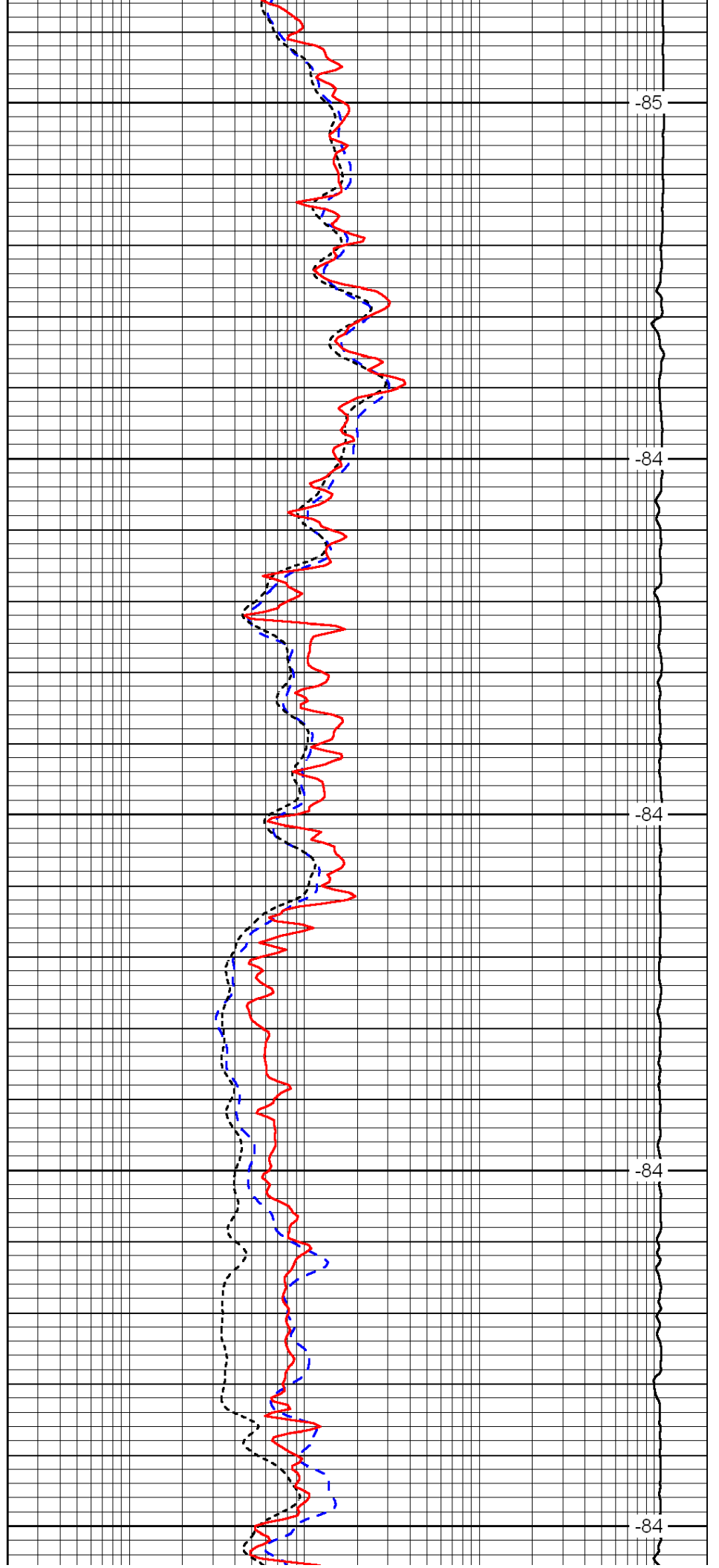
650

700

750

800

850



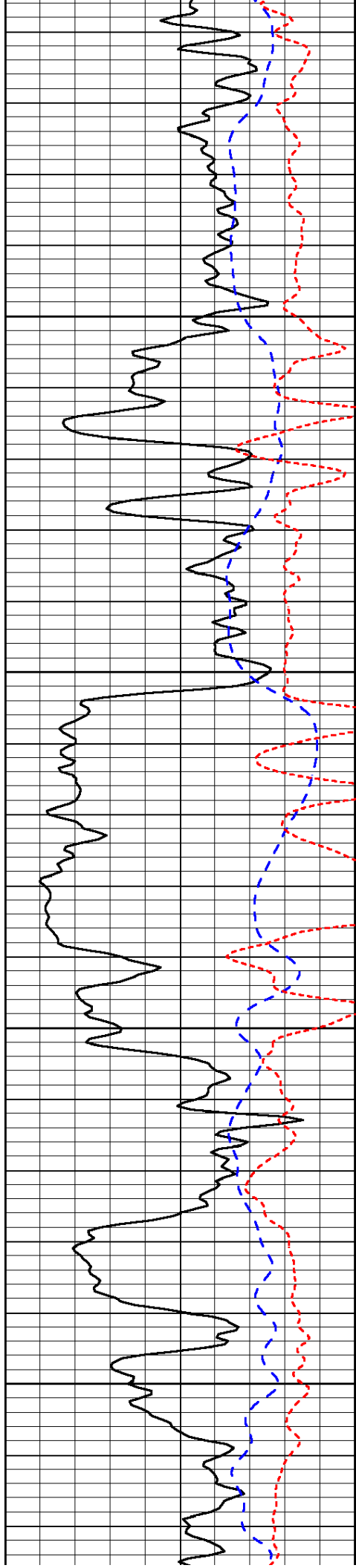
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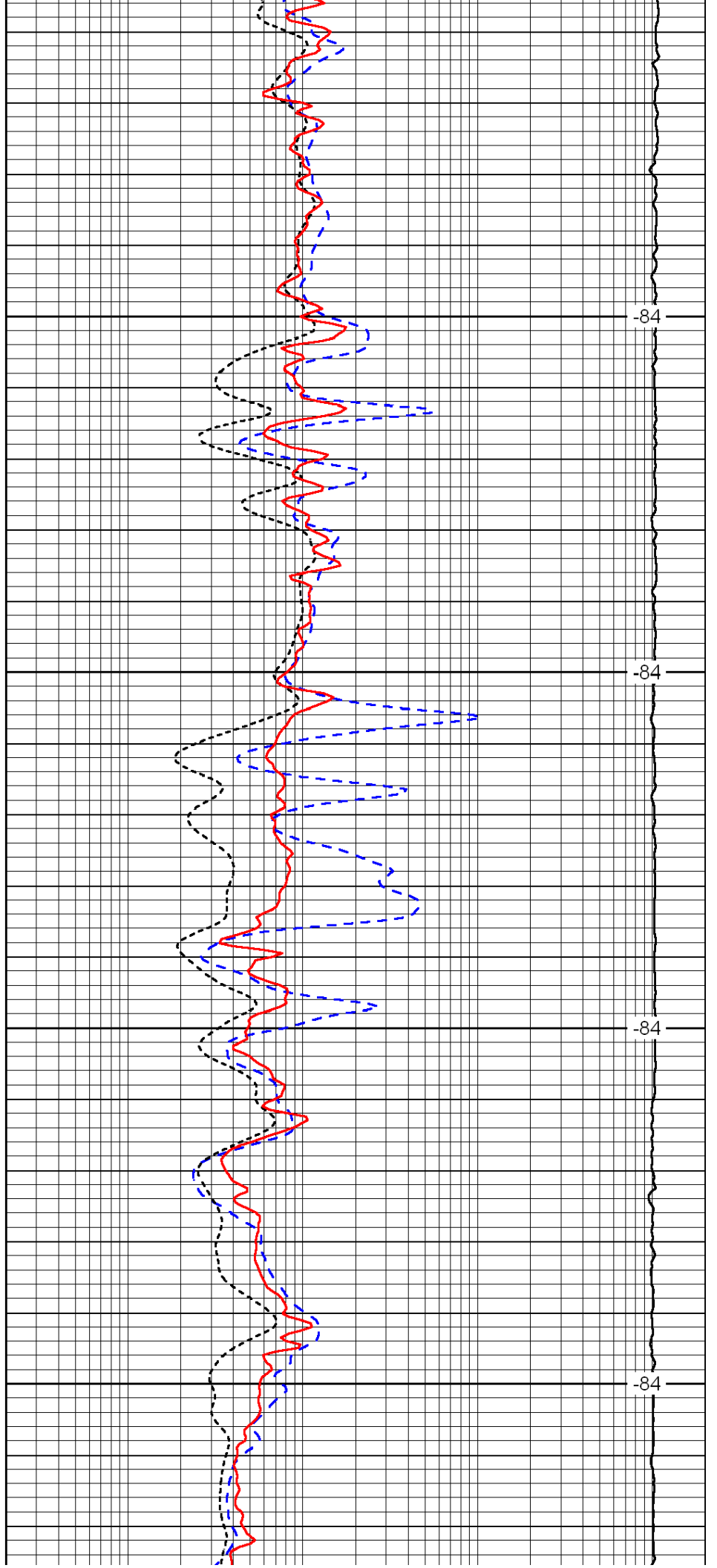


900

950

1000

1050

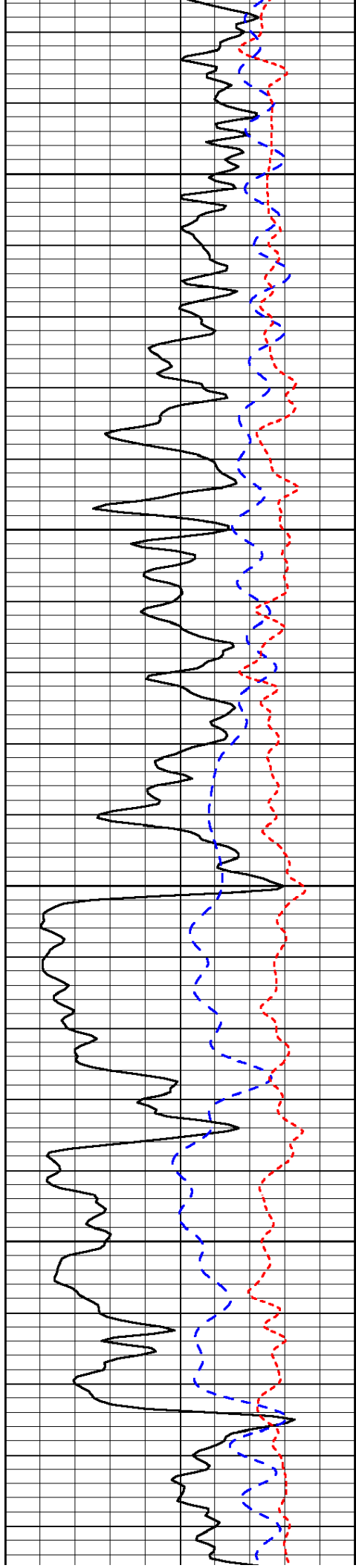


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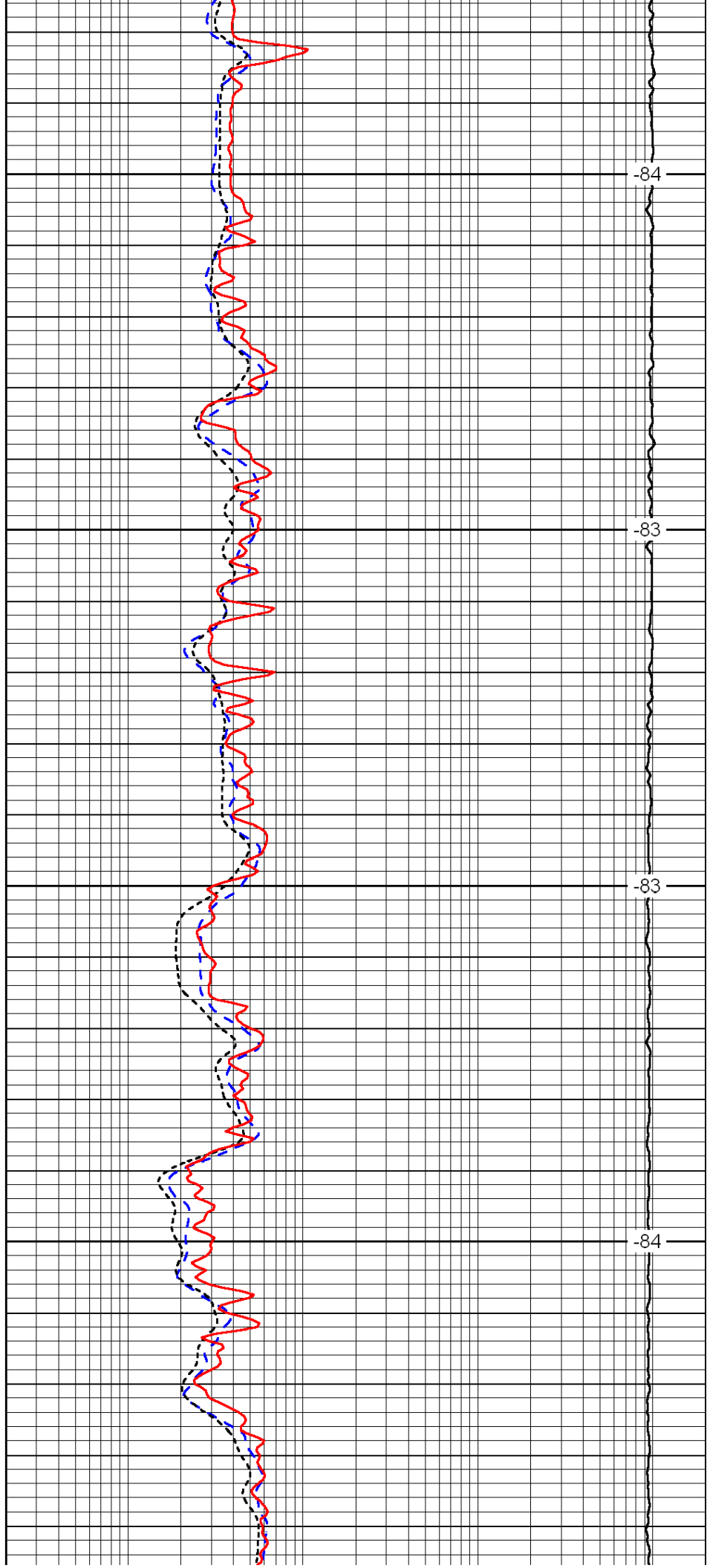


1100

1150

1200

1250

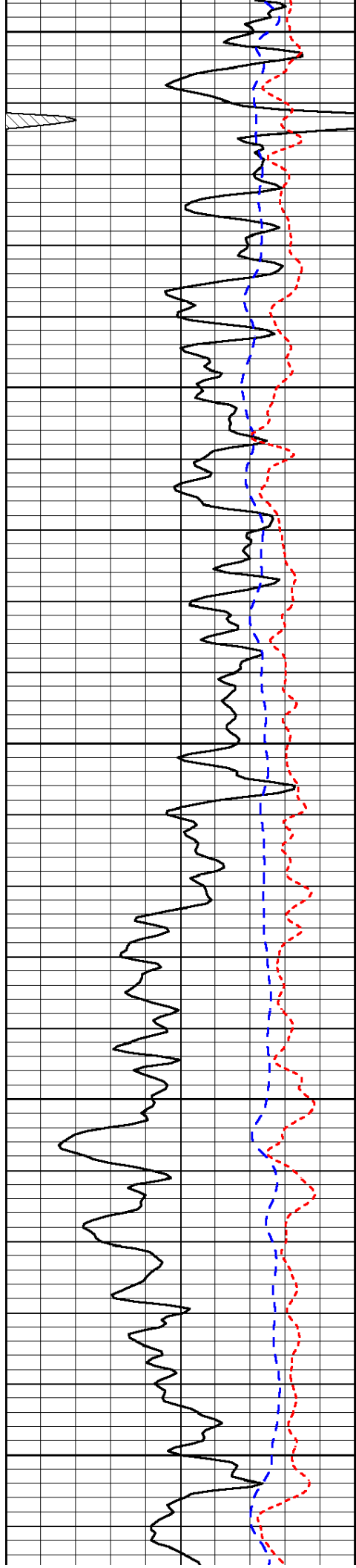


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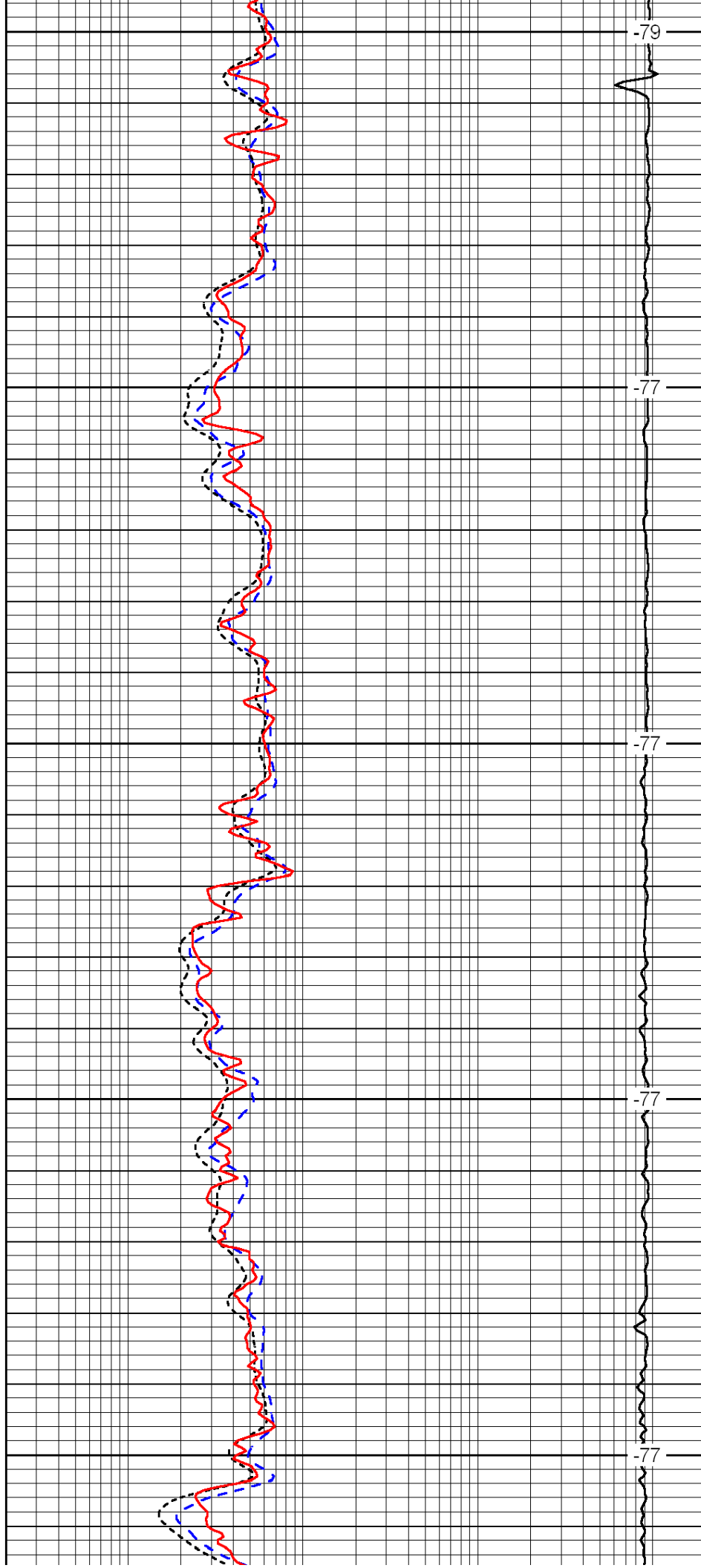
1300

1350

1400

1450

1500



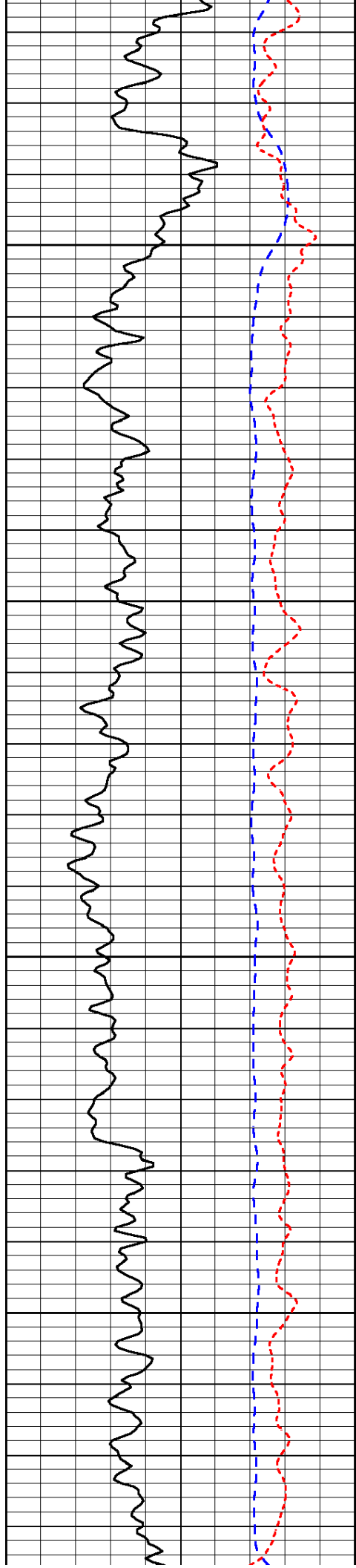
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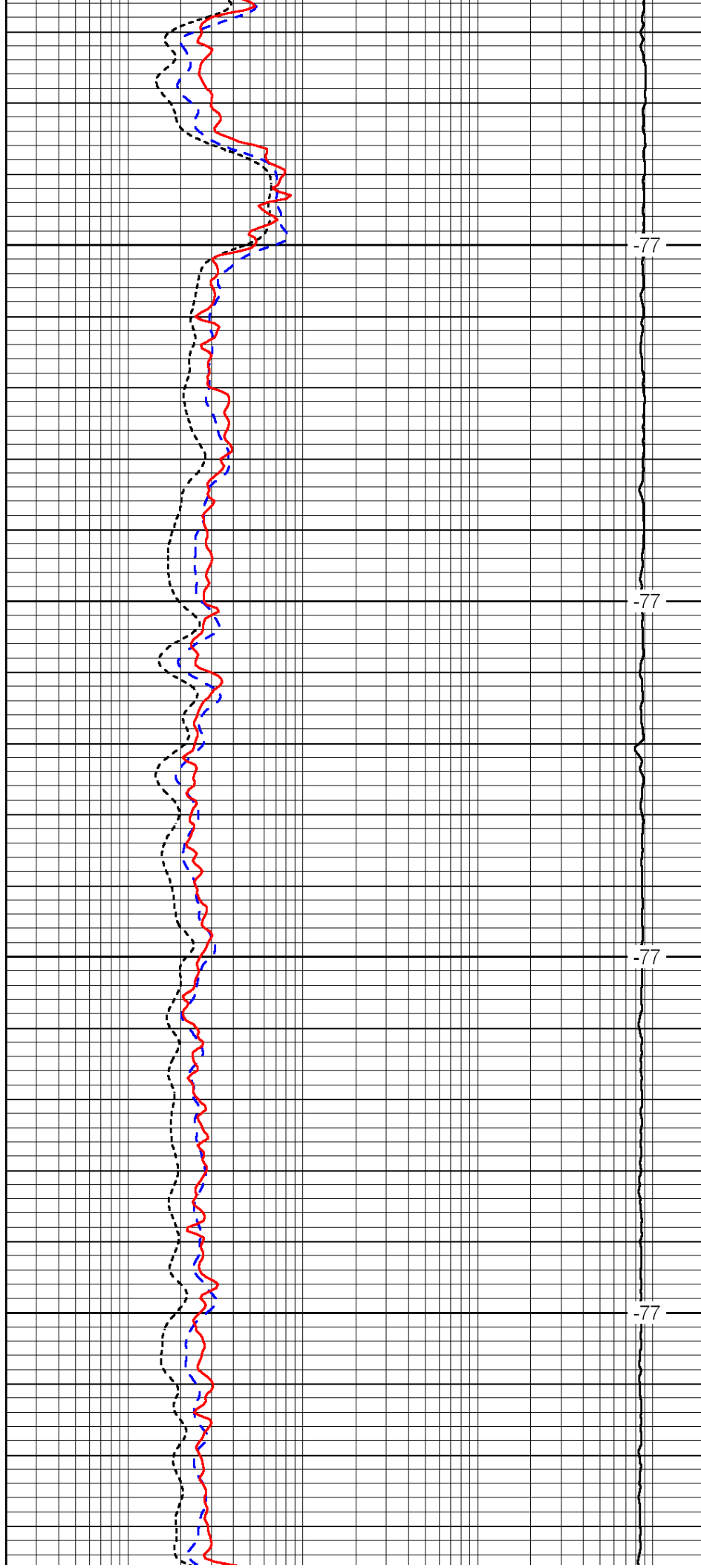


1550

1600

1650

1700

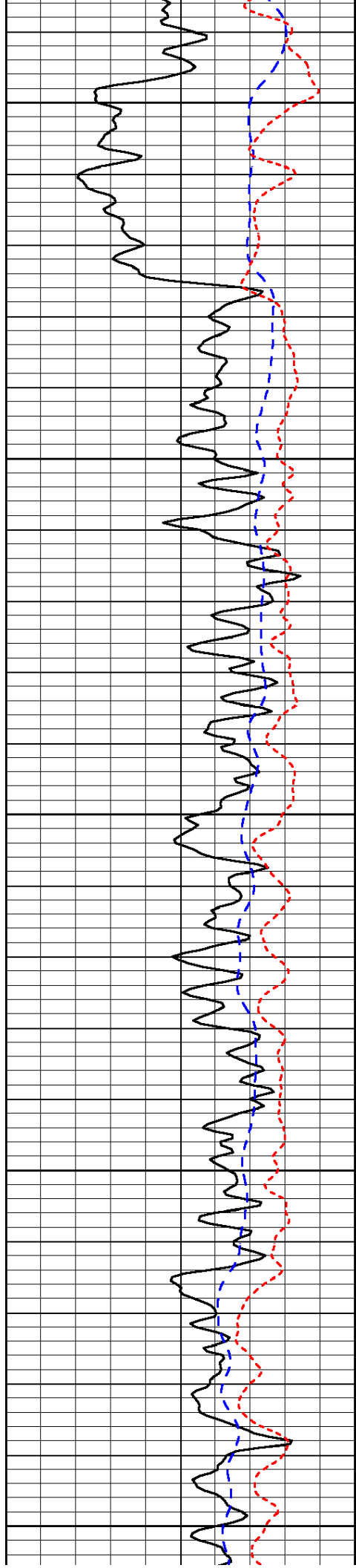


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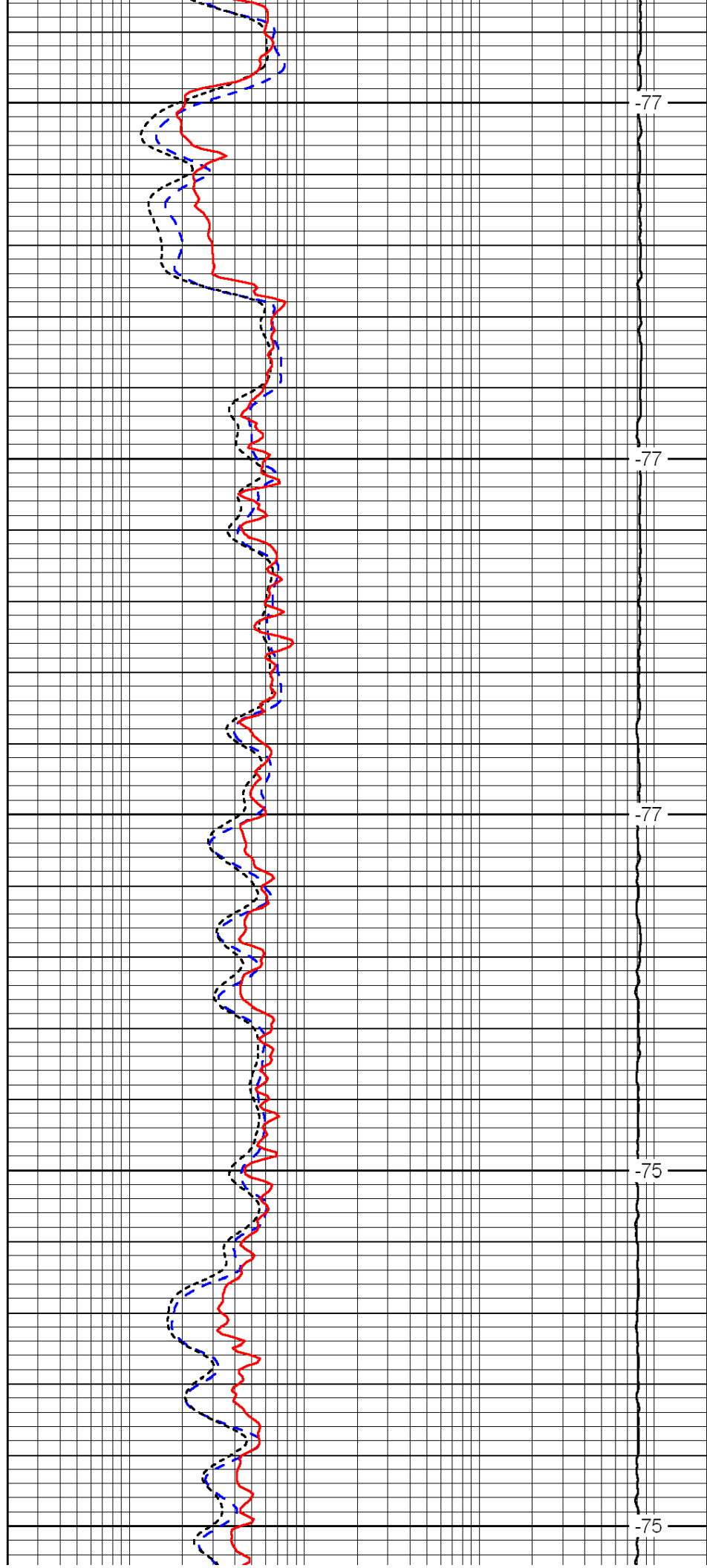
1750

1800

1850

1900

1950



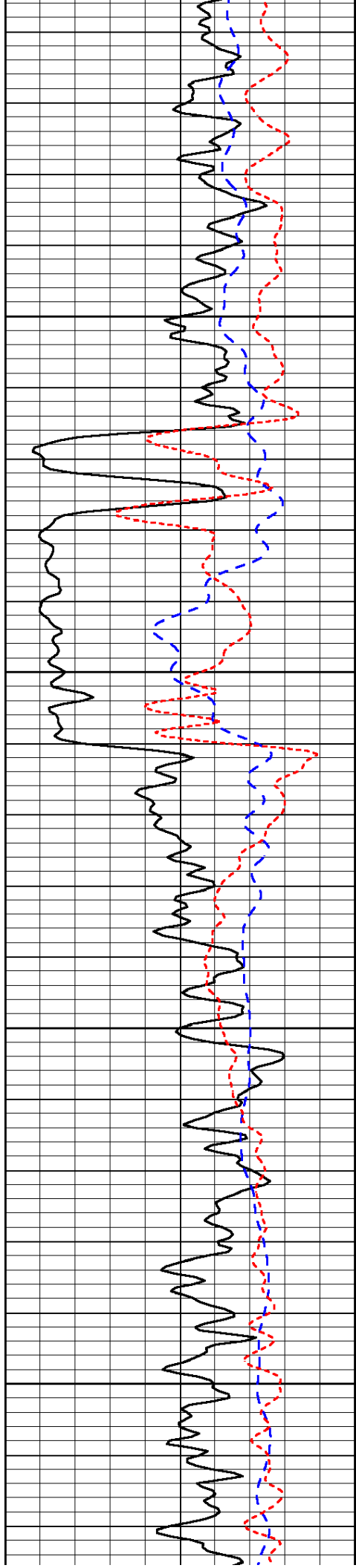
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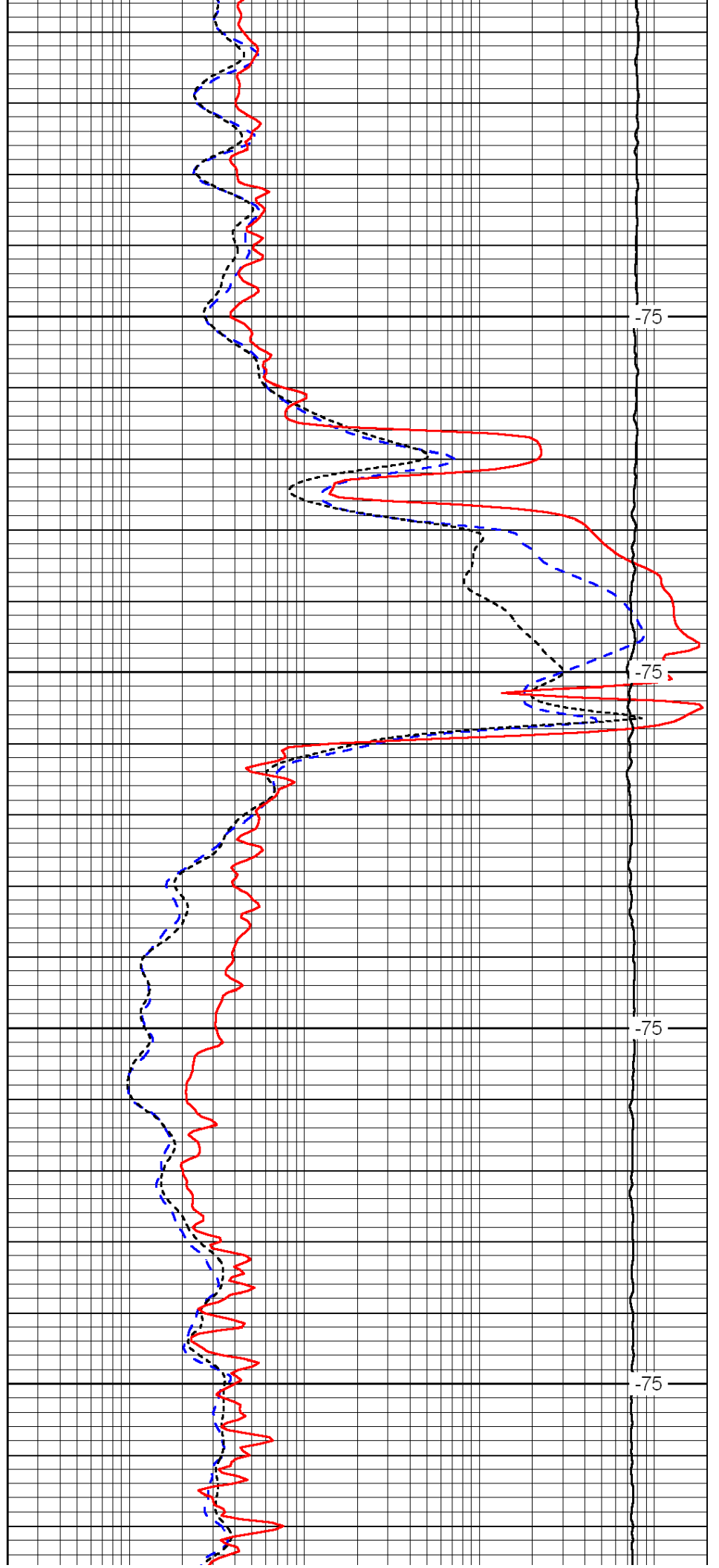


2000

2050

2100

2150

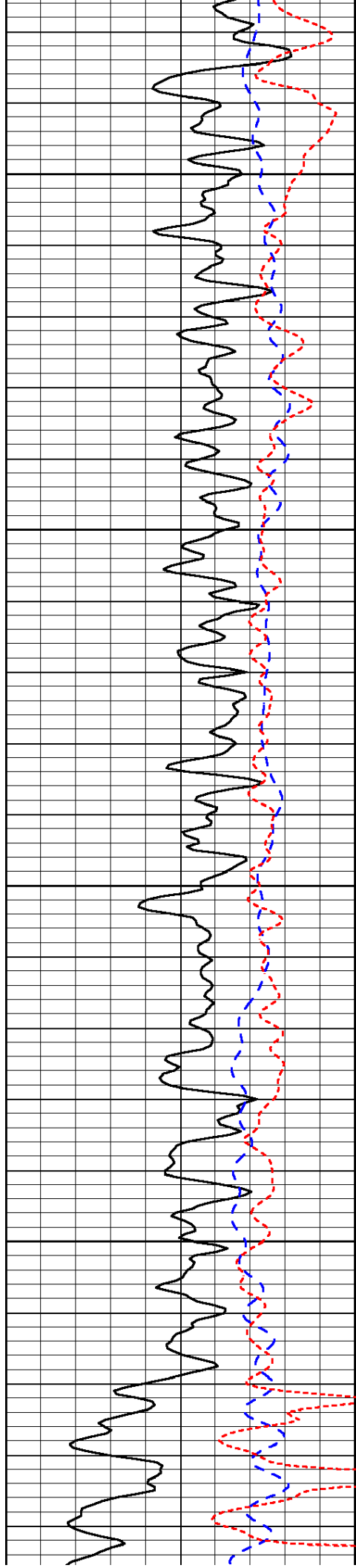


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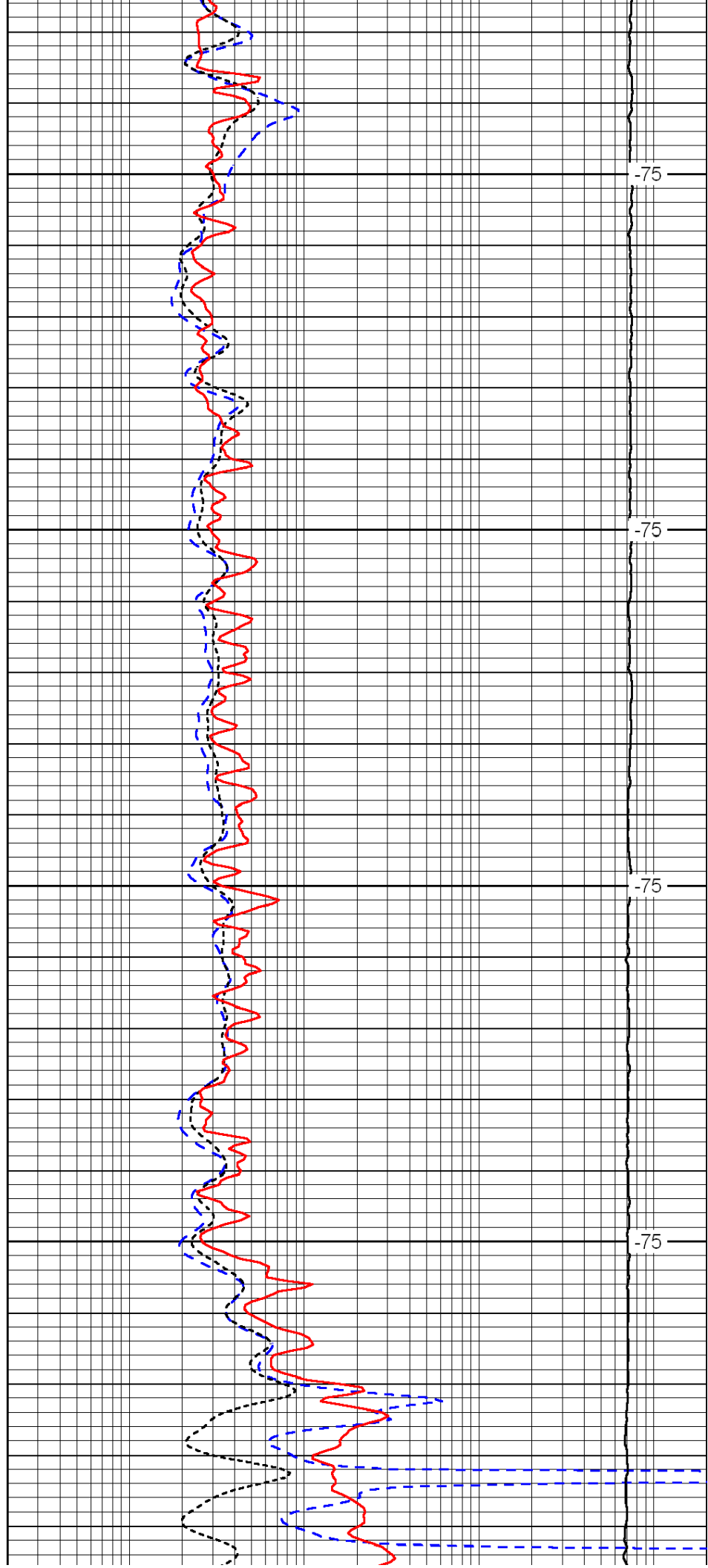


2200

2250

2300

2350

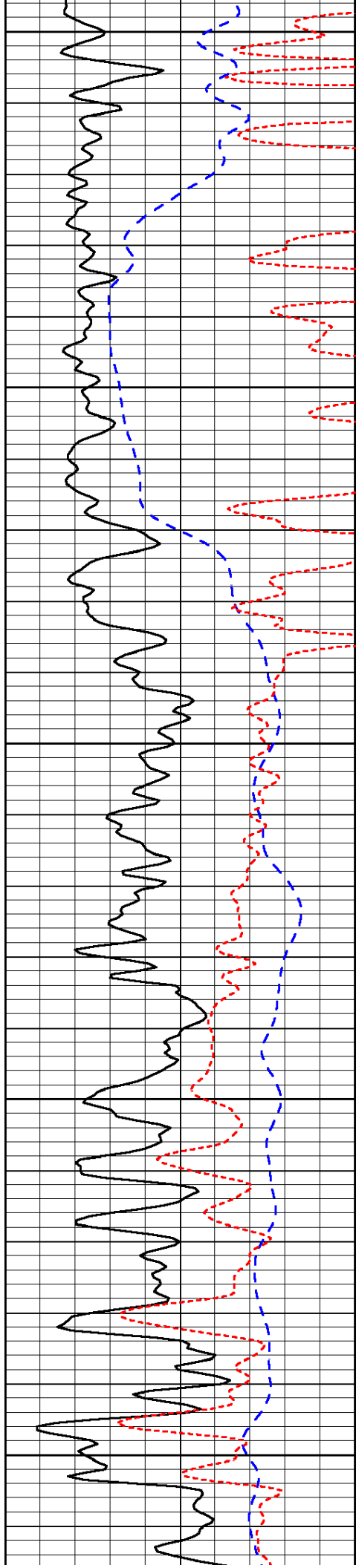


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-75



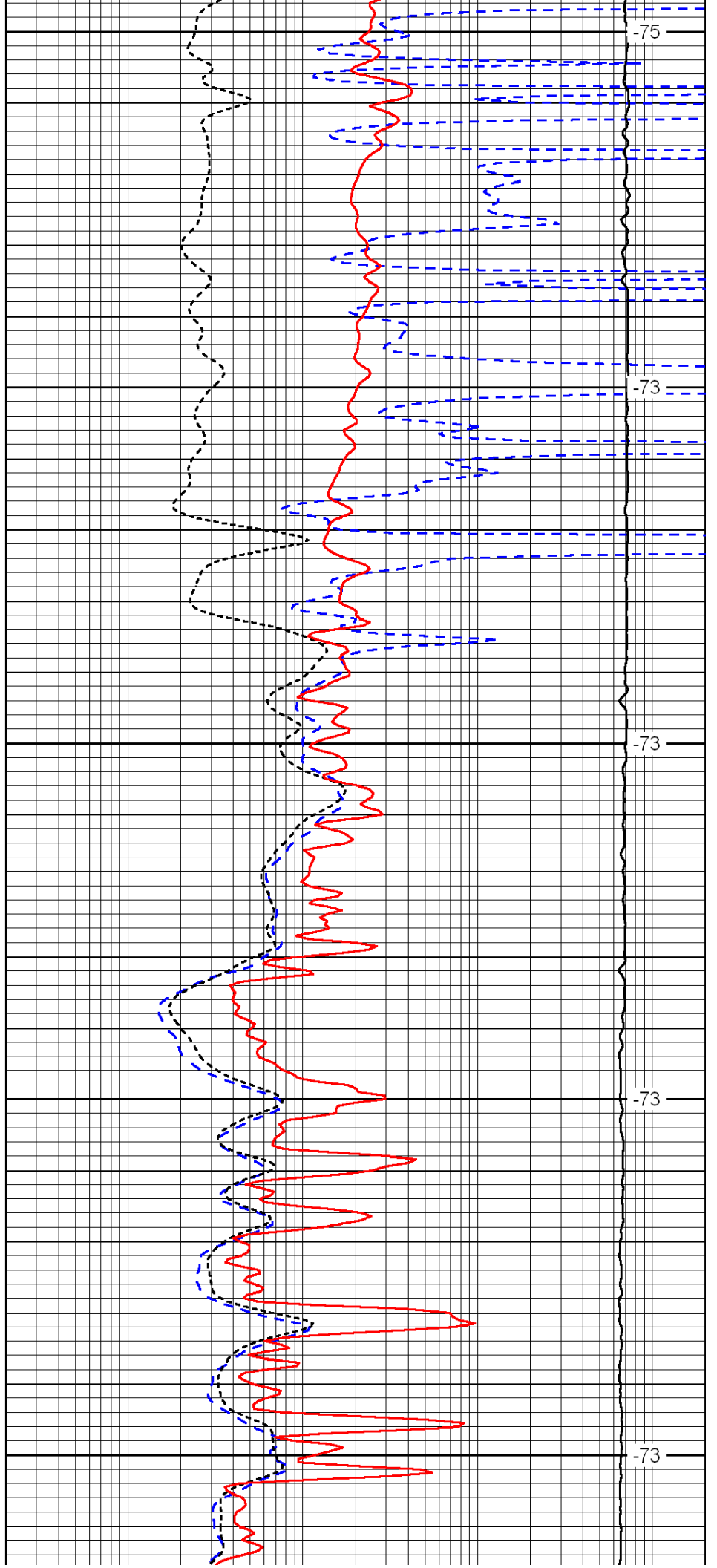
2400

2450

2500

2550

2600



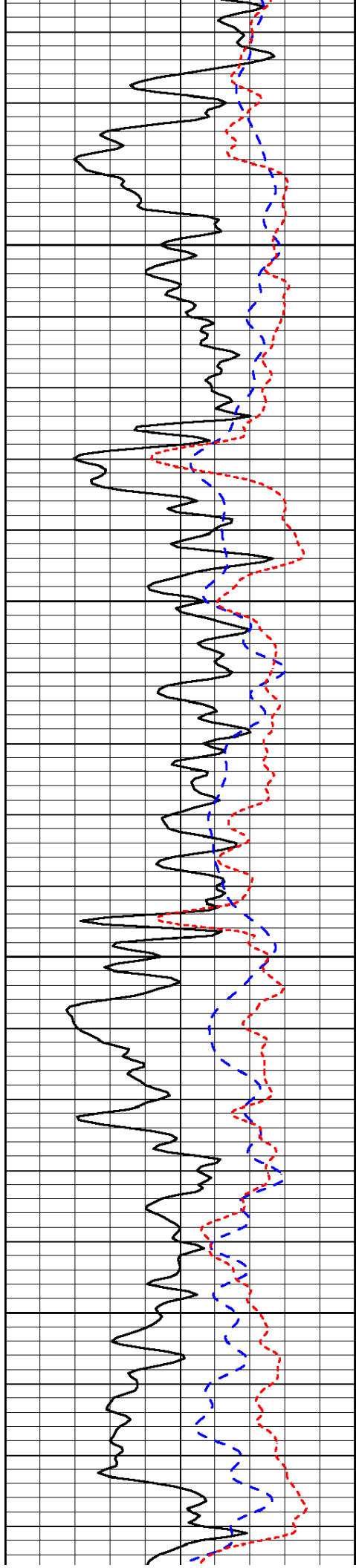
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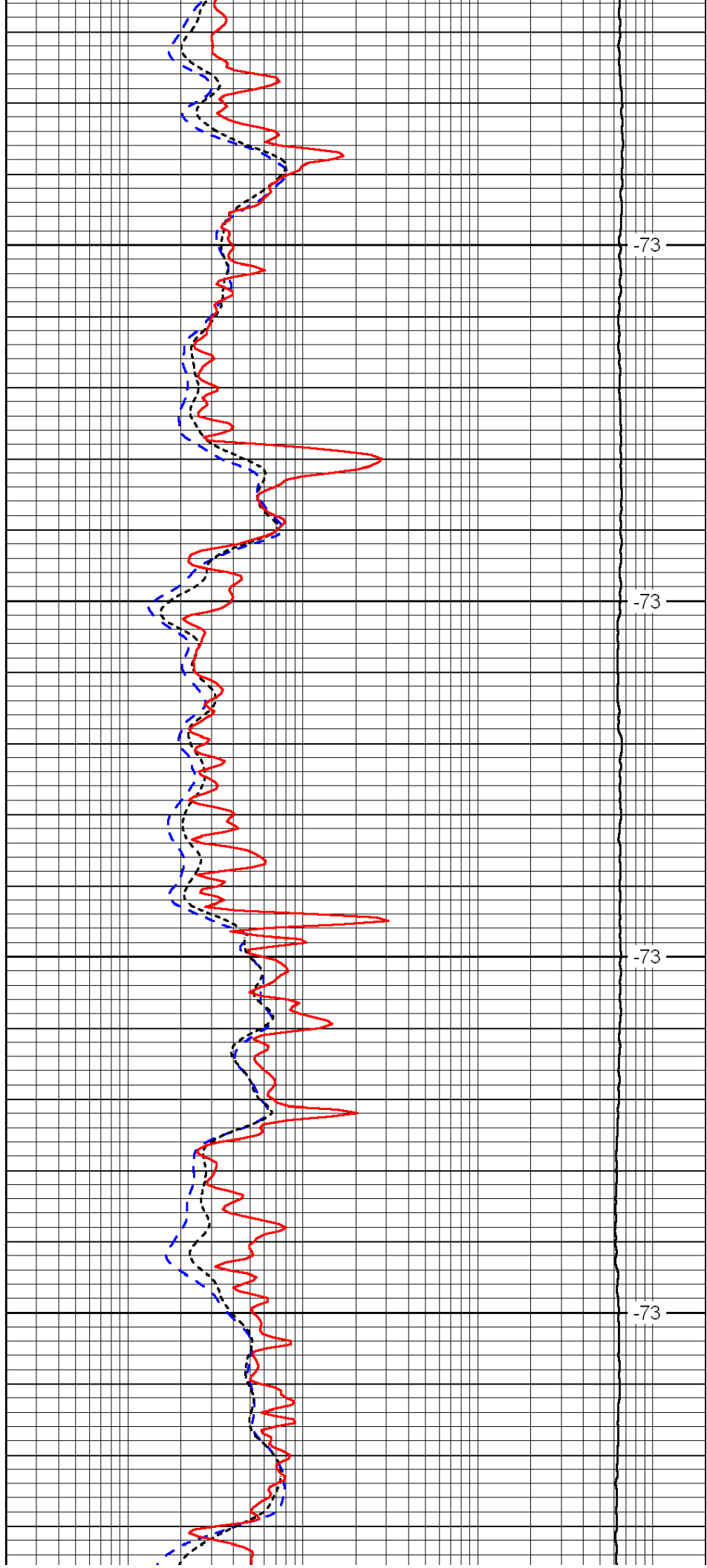


2650

2700

2750

2800

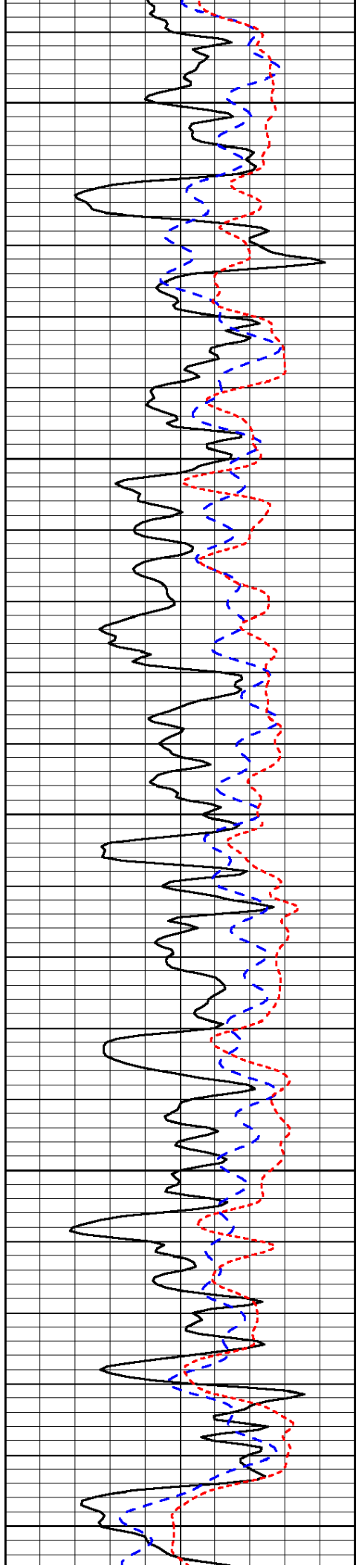


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-73

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-73



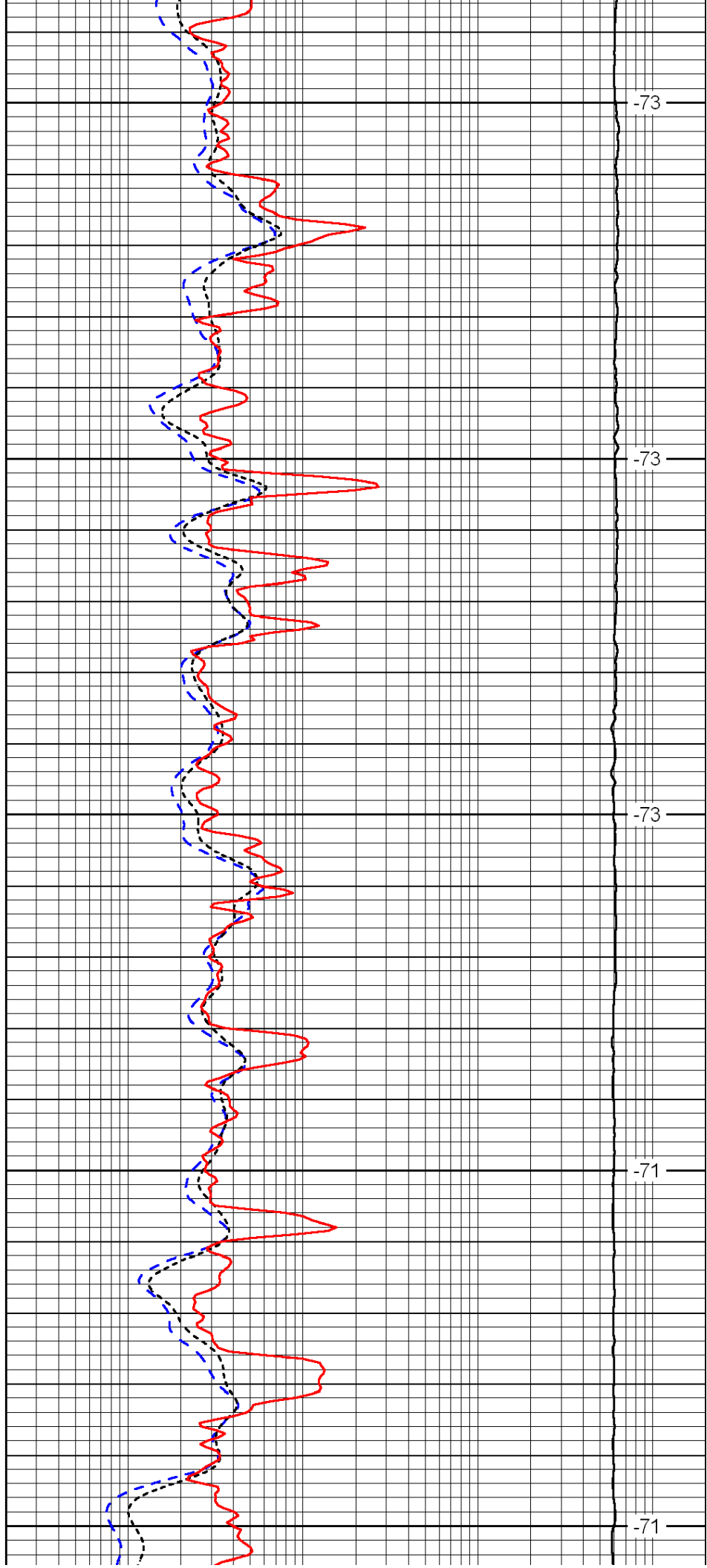
2850

2900

2950

3000

3050



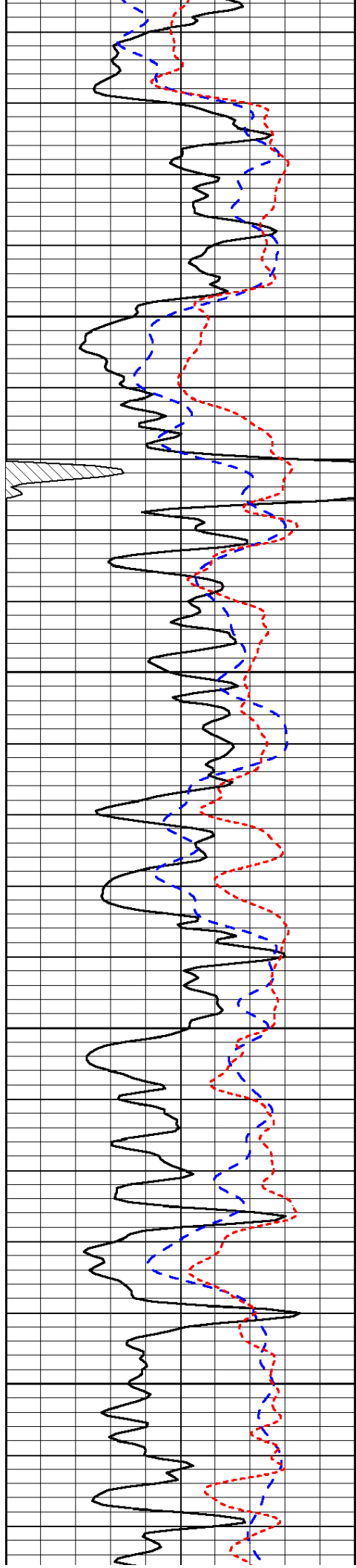
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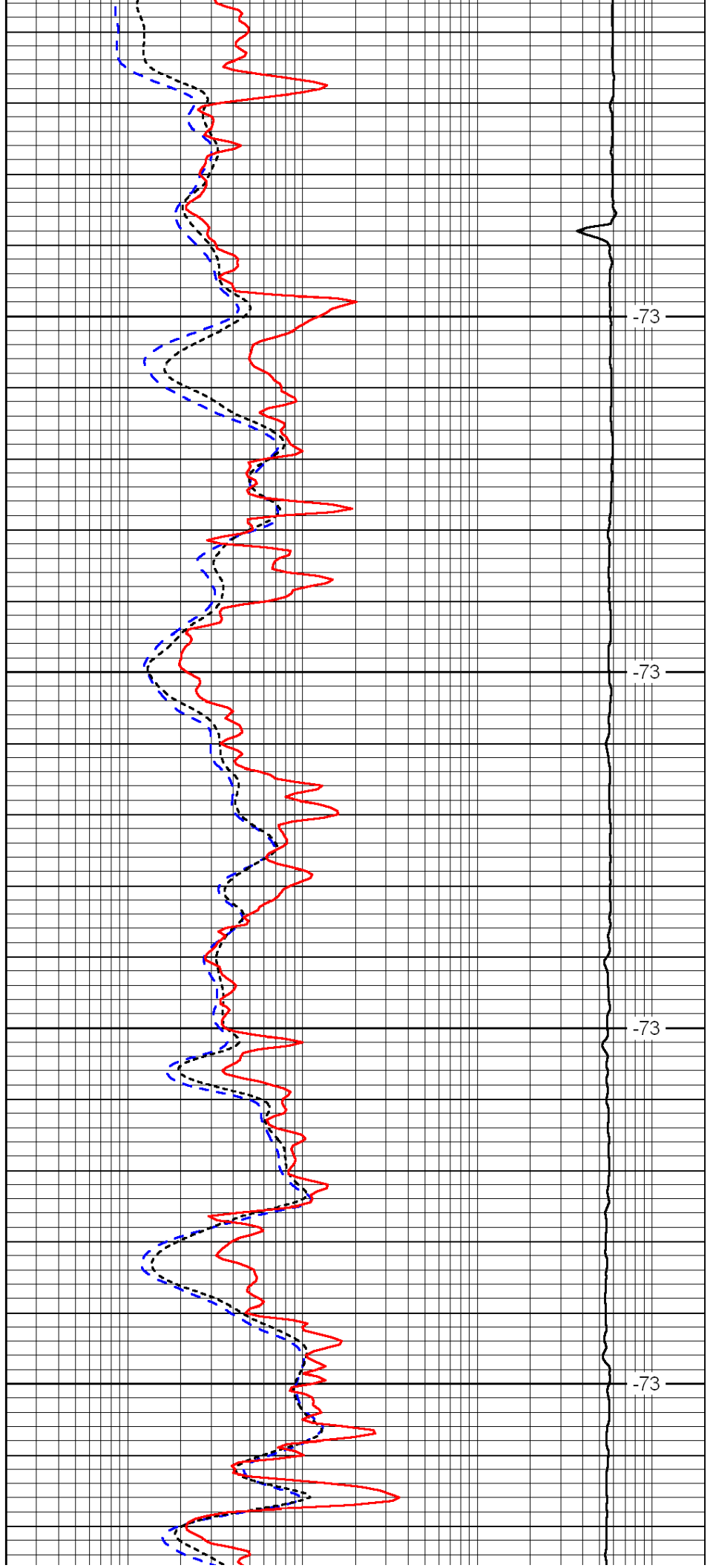


3100

3150

3200

3250

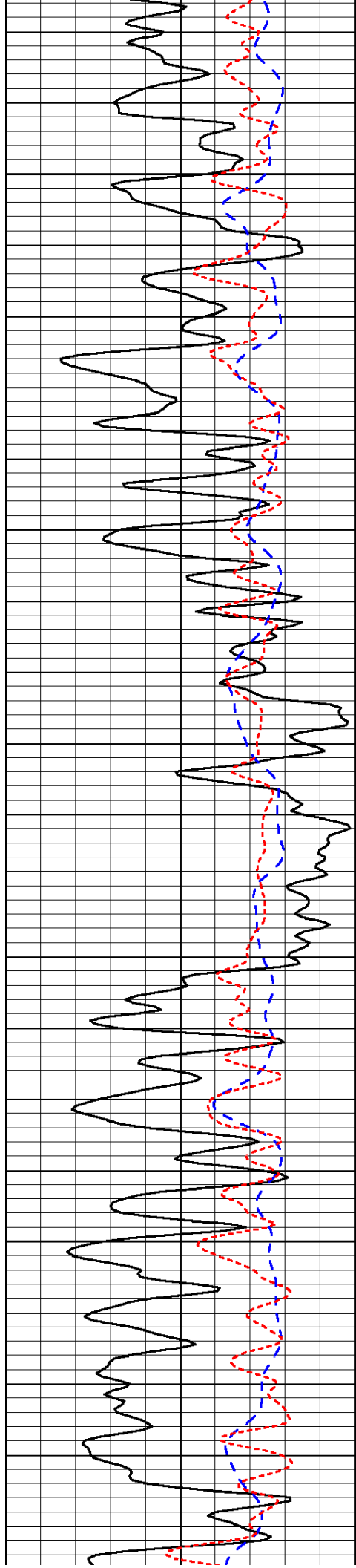


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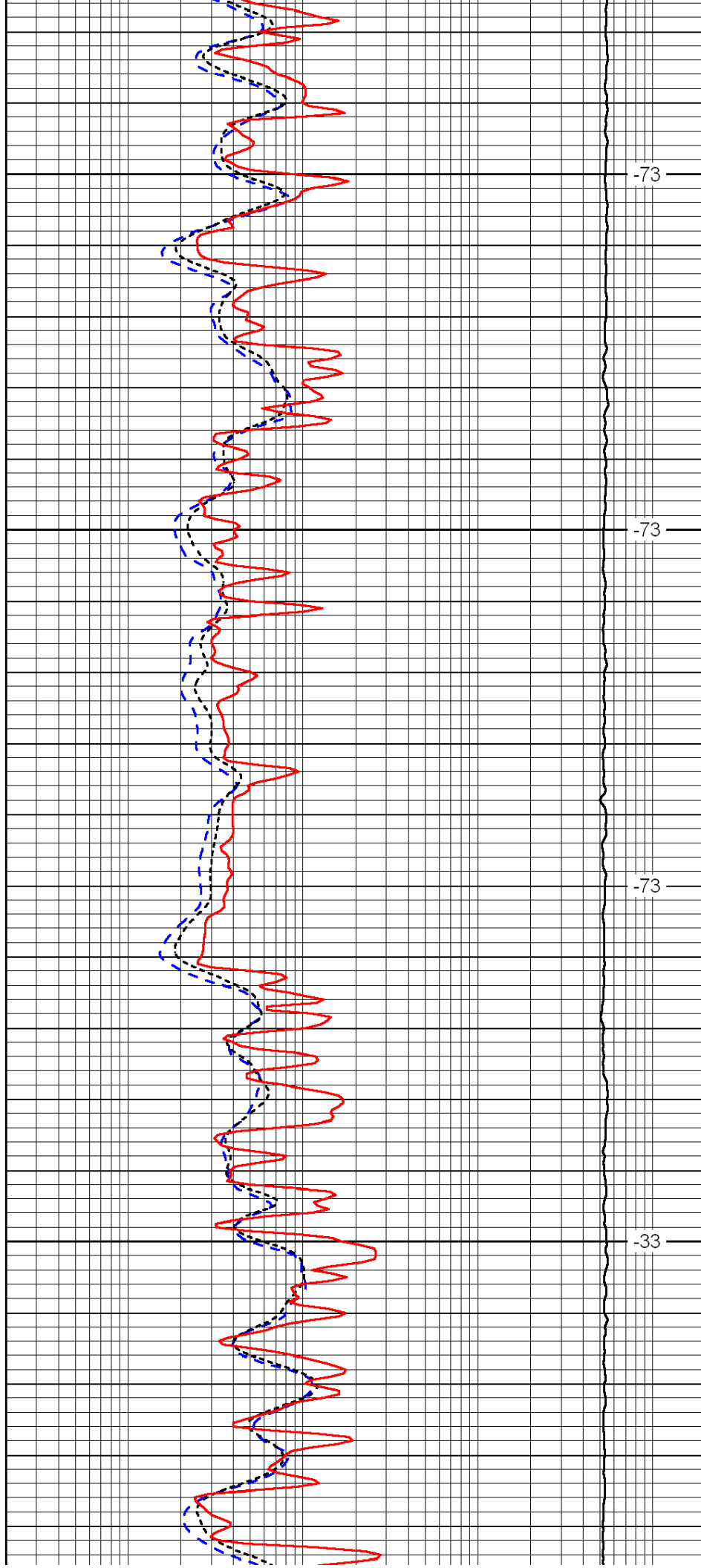


3300

3350

3400

3450

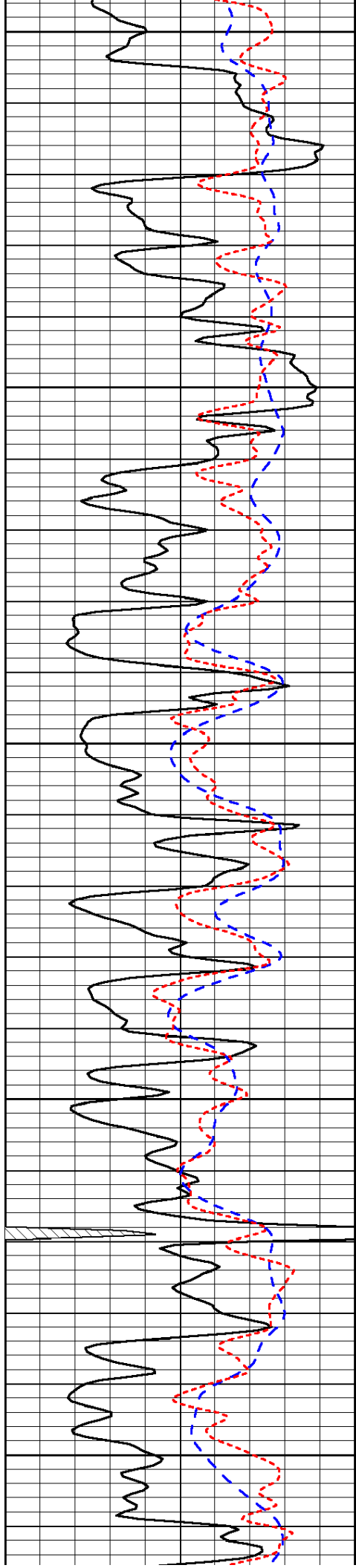


-73

-73

-73

-33



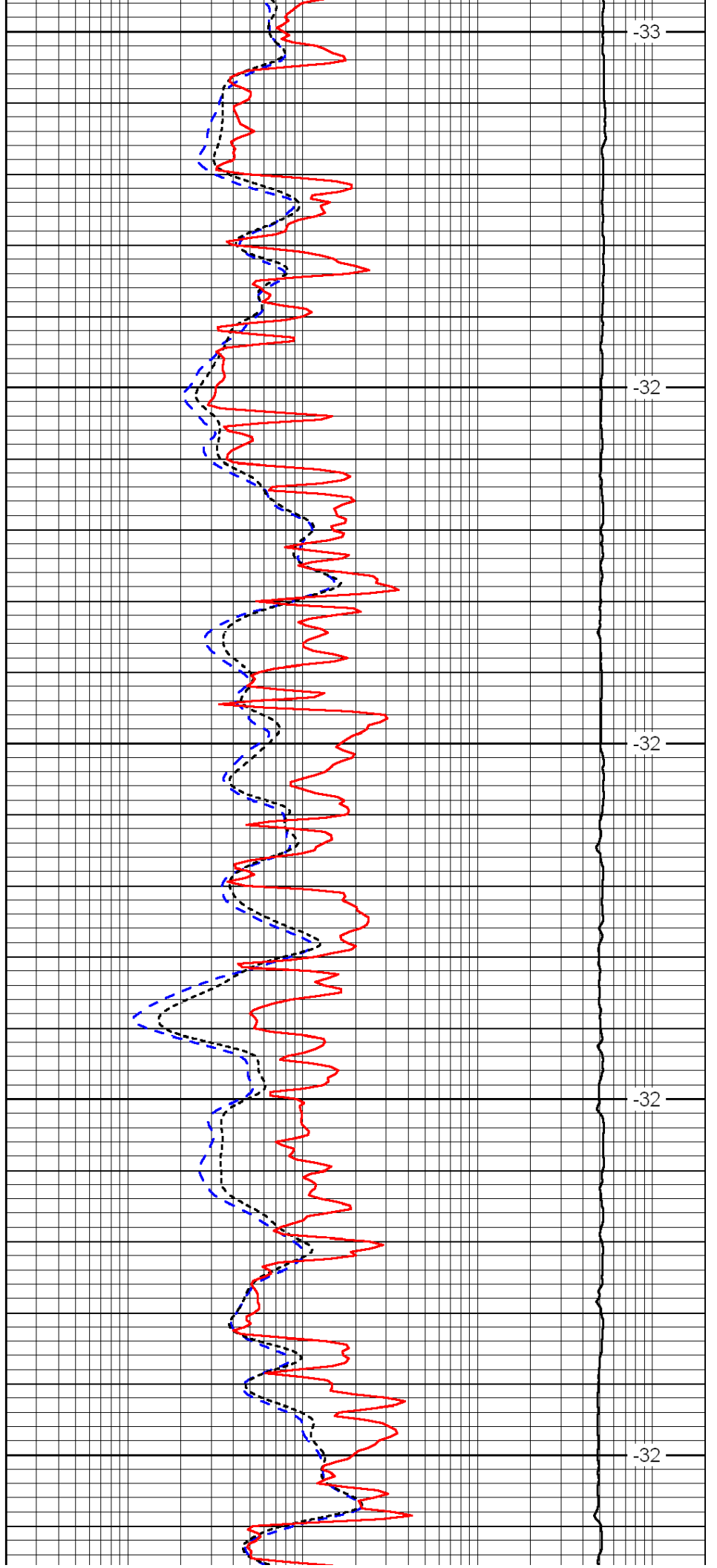
3500

3550

3600

3650

3700



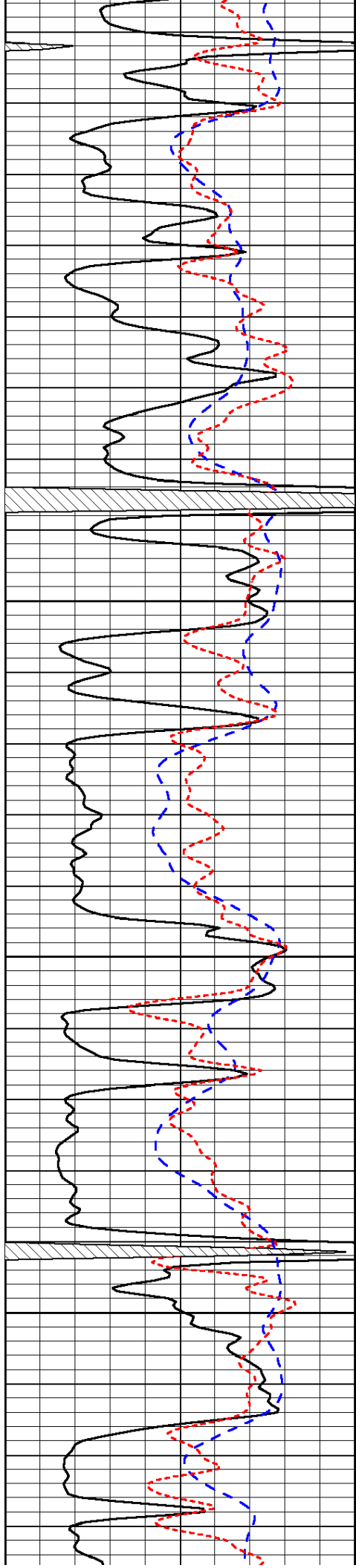
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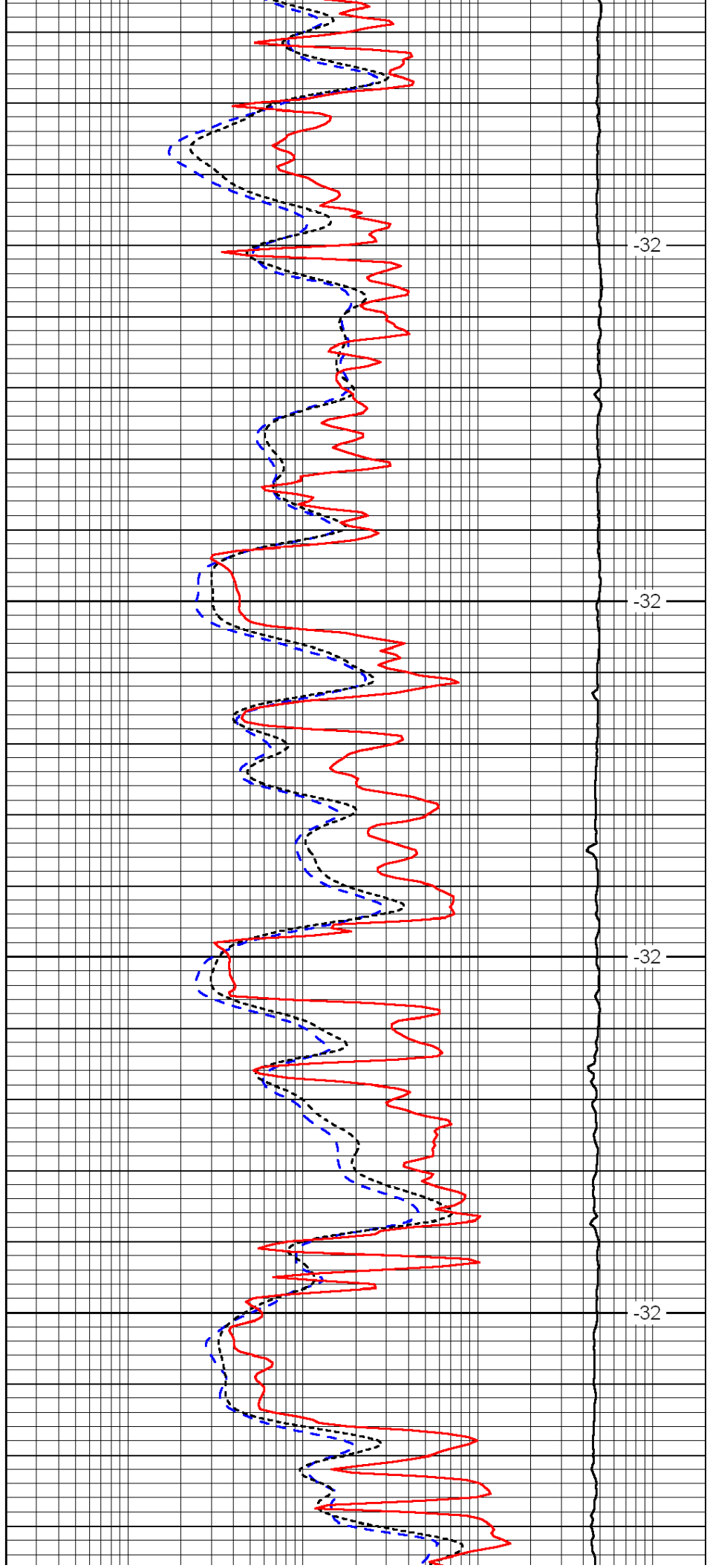


3750

3800

3850

3900

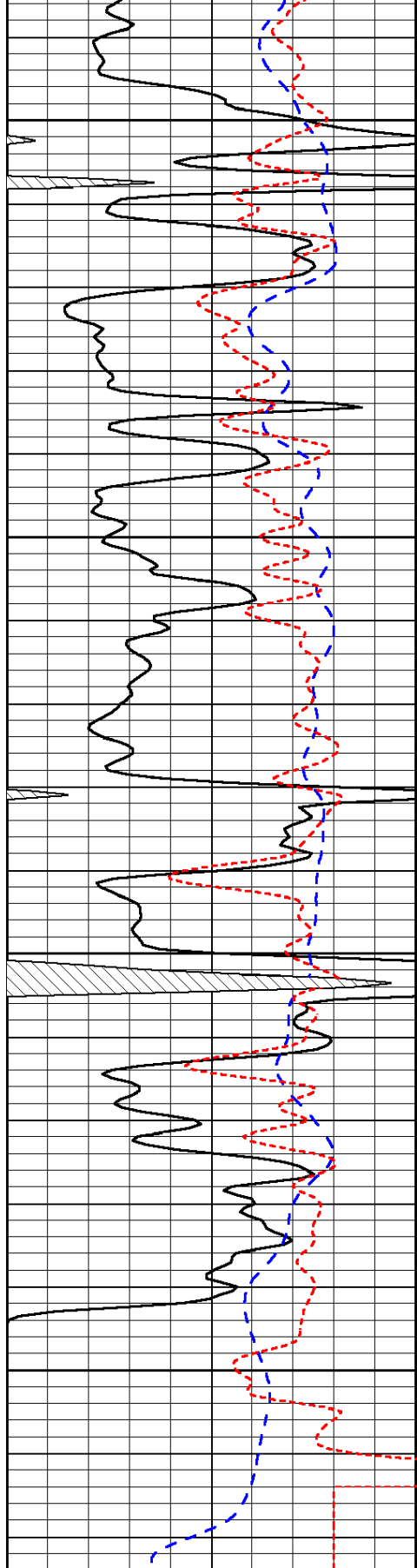


-32

-32

-32

-32



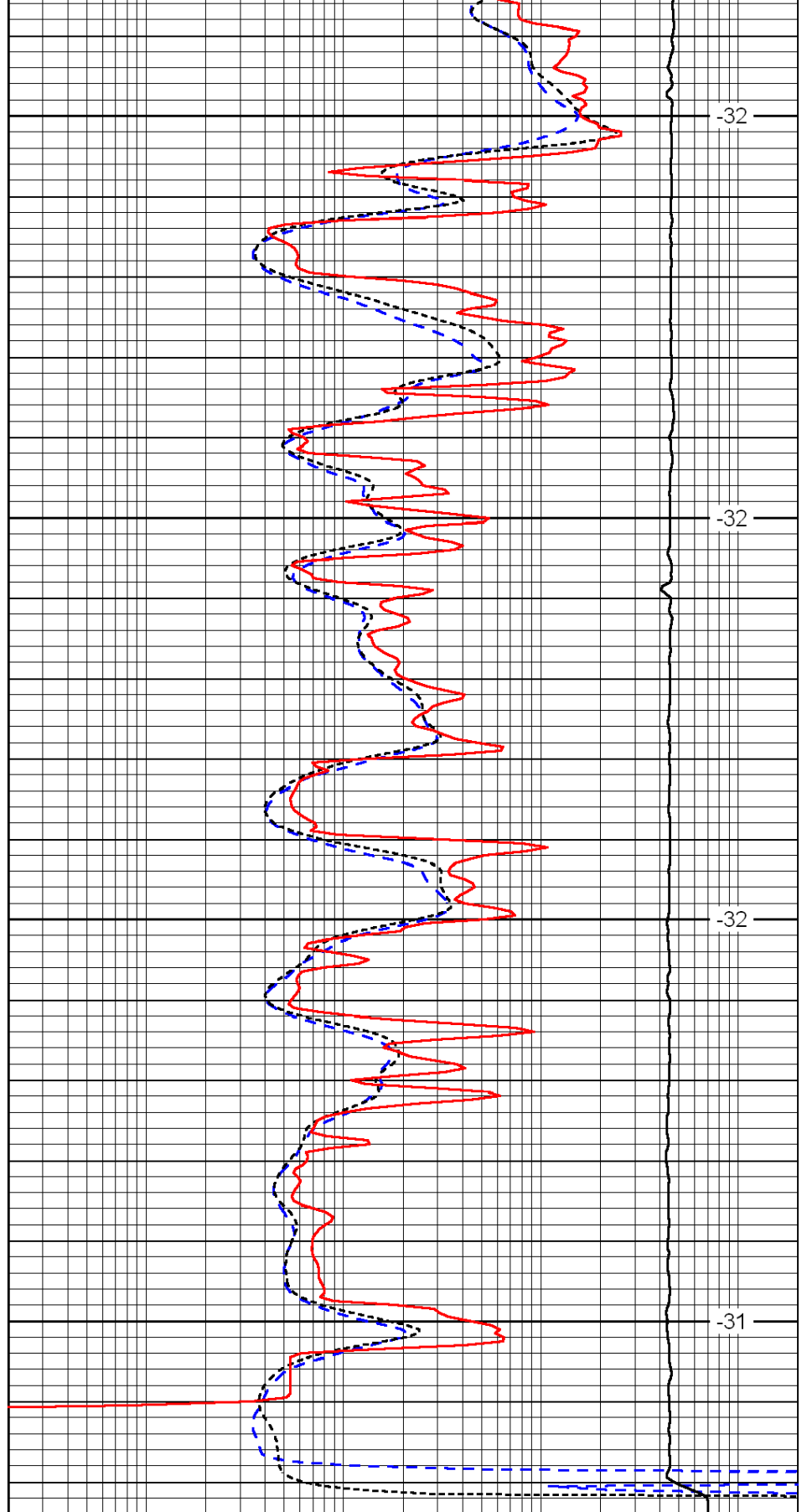
3950

4000

4050

4100

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



-32

-32

-32

-31

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
15000	Line Tension (lb)	0

LSPD
(ft/min)