

LOG-TECH



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-153-20,876-00-00		Company Murfin Drilling Co, Inc. Well Sutton No. 3-8 Field Wildcat County Rawlins State Kansas	
Location 1780' FNL & 420' FWL Sec: 8 Twp: 1S Rge: 35W		Other Services CNL/CDL MEL/BHCS	
Permanent Datum Log Measured From Drilling Measured From	Grond Level Kelly Bushing Frotkelly Bushing	Elevation 3214 5 Ft. Above Perm. Datum K.B. 3219 D.F. 3214 G.L. 3214	
Date	03/23/2009		
Run Number	One		
Depth Driller	4510		
Depth Logger	4513		
Bottom Logged Interval	4512		
Top Log Interval	0		
Casing Driller	8.625 @ 259		
Casing Logger	259		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	1,400		
Density / Viscosity	8.8 64		
pH / Fluid Loss	11.5 5.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.38 @ 65		
Rmf @ Meas. Temp	.28 @ 65		
Rmc @ Meas. Temp	.51 @ 65		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.20 @ 123		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	123		
Equipment Number	10		
Location	Hays		
Recorded By	Jason Wellbrock		
Witnessed By	Sean Deenihan		

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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

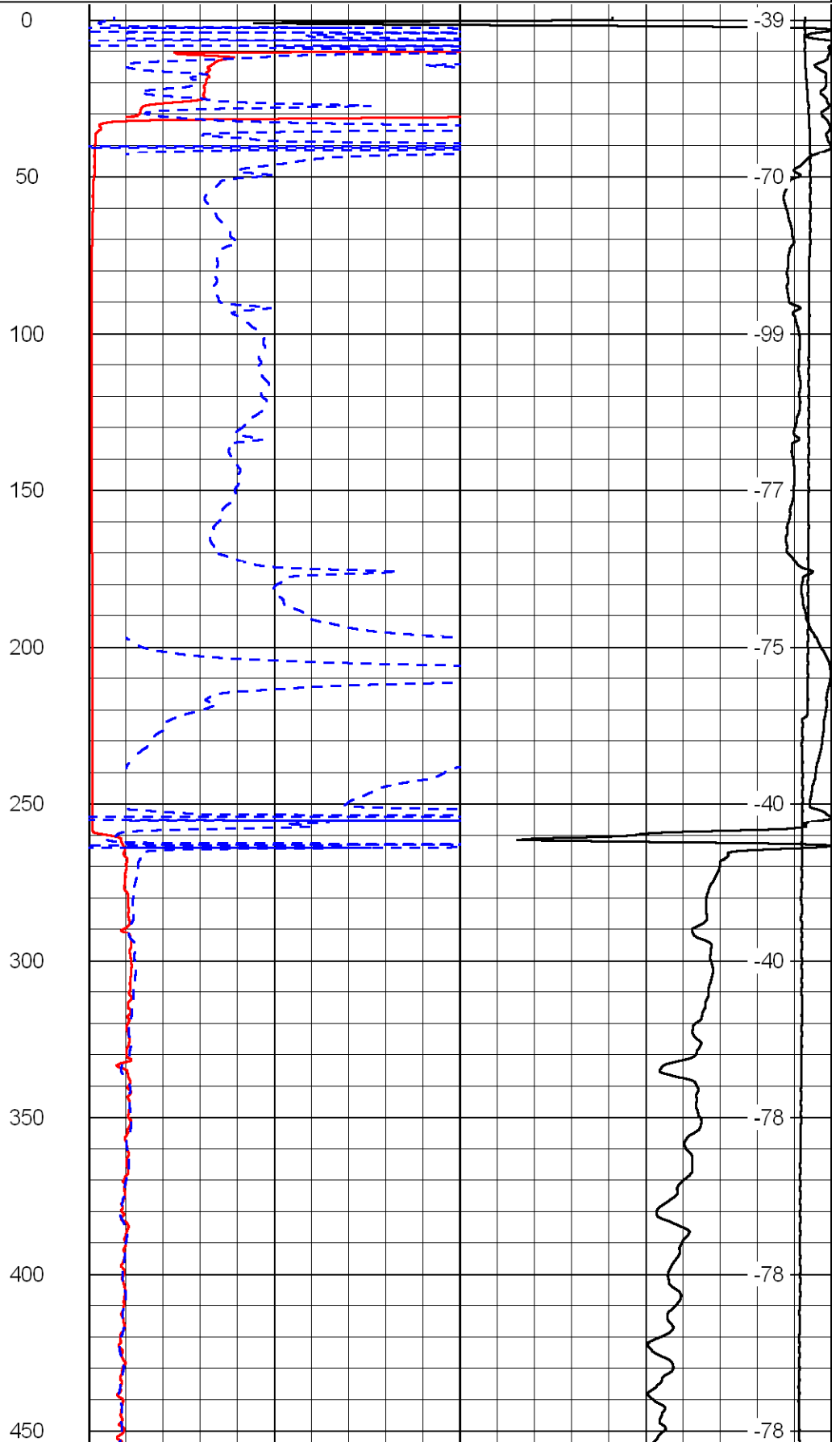
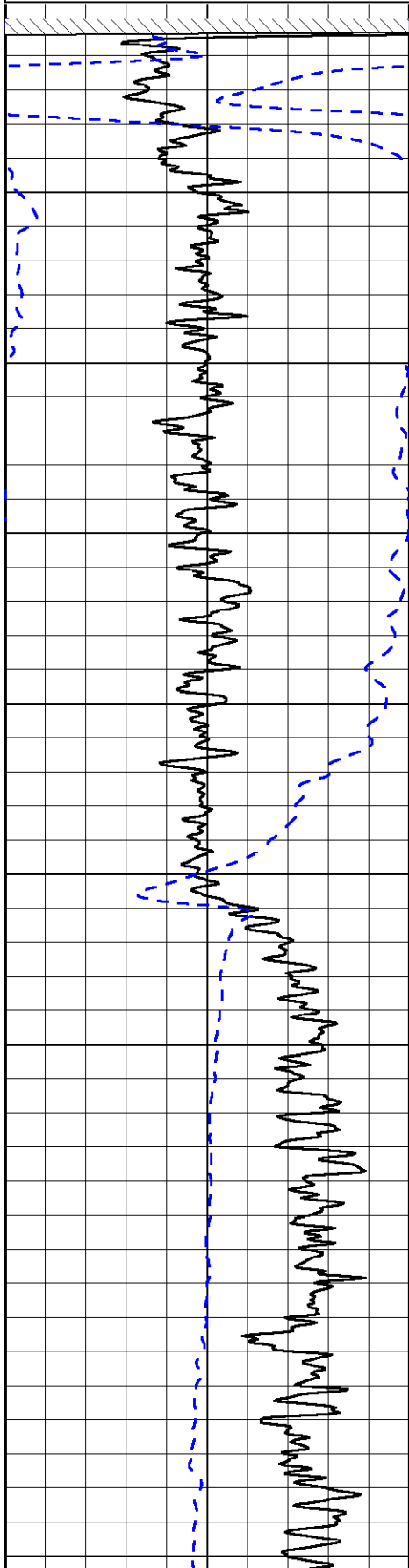
Atwood N to BBrd, 10 W to T, 1 N, 3 W, N Into

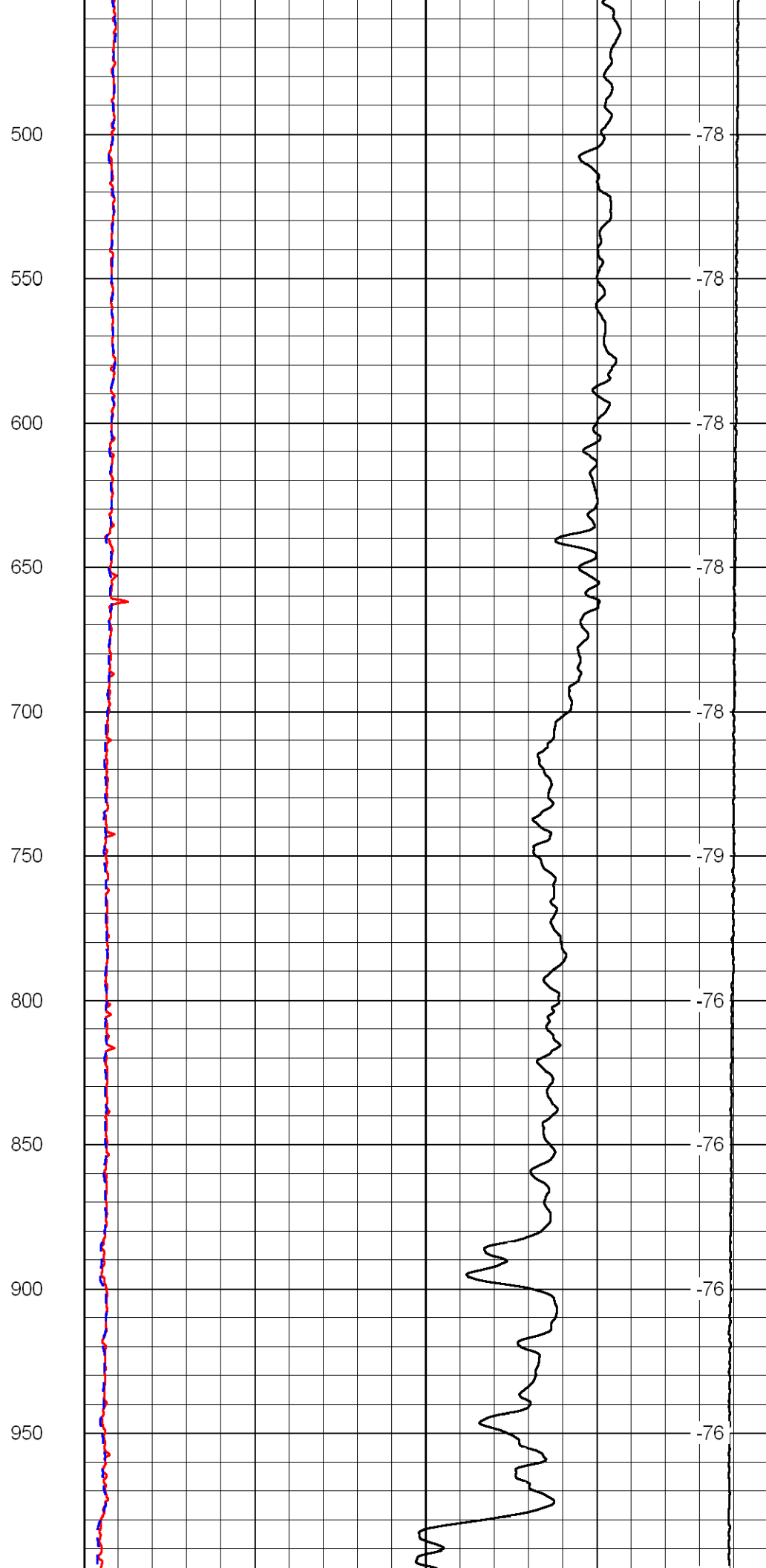
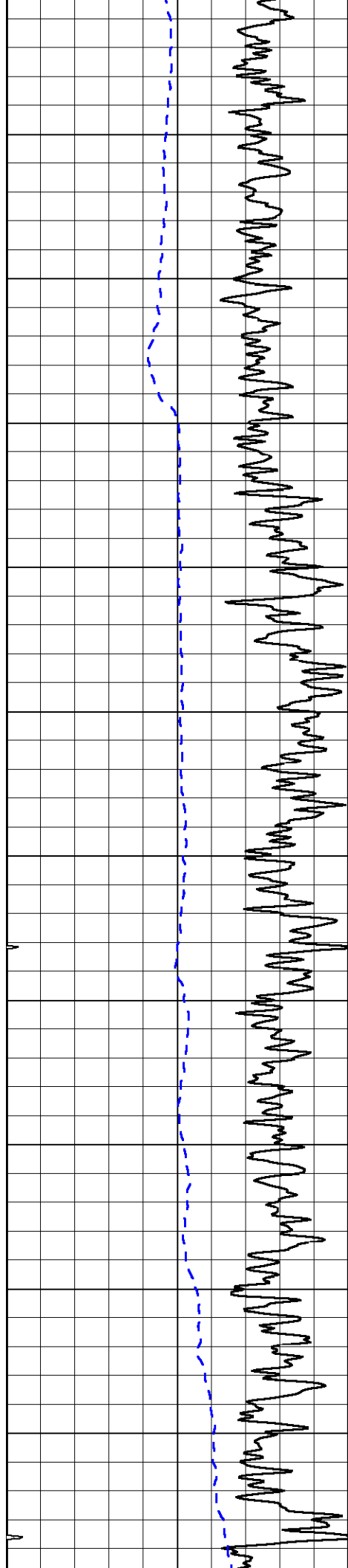
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 Presentation Format: dil2in
 Dataset Creation: Mon Mar 23 18:44:43 2009
 Charted by: Depth in Feet scaled 1:600

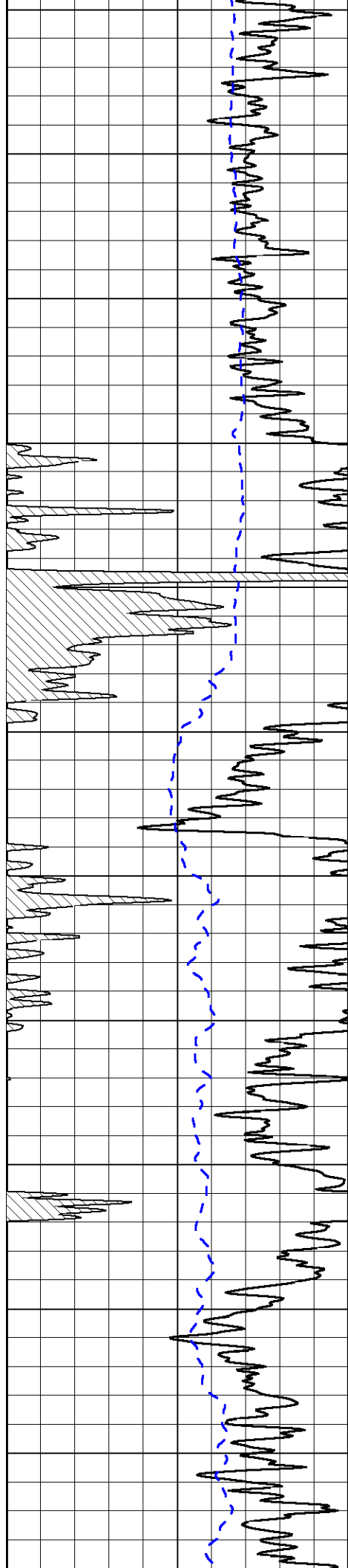
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-200	SP (MV)	0

0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

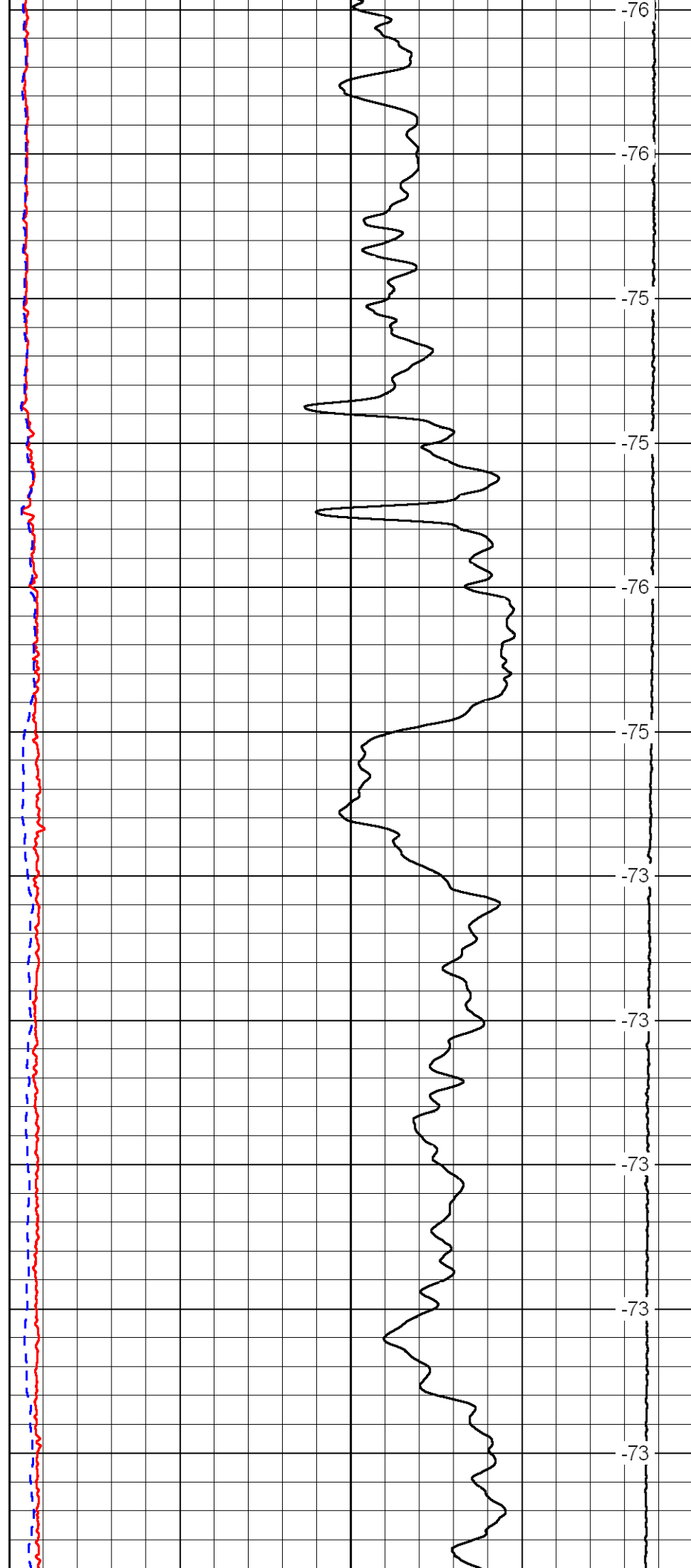
LSPD
(ft/min)



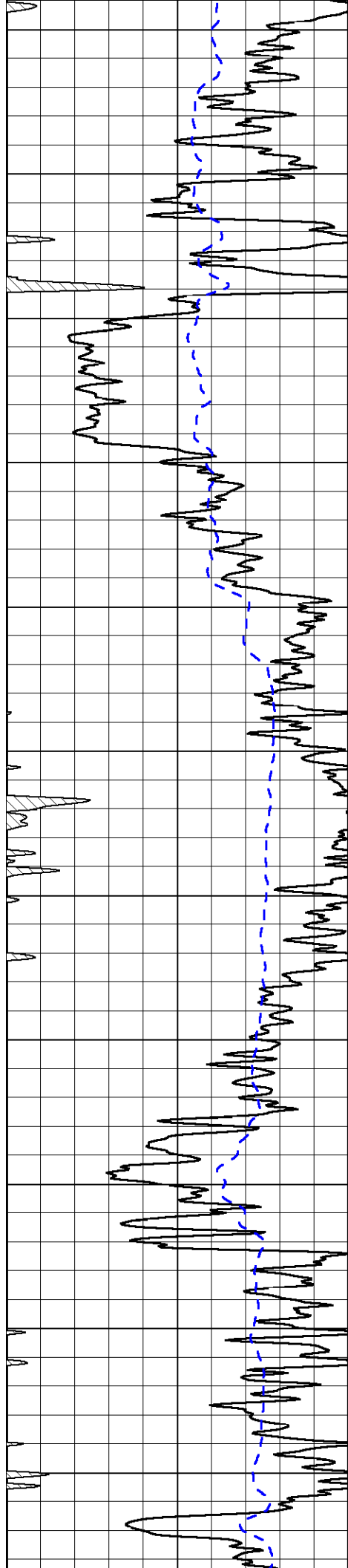




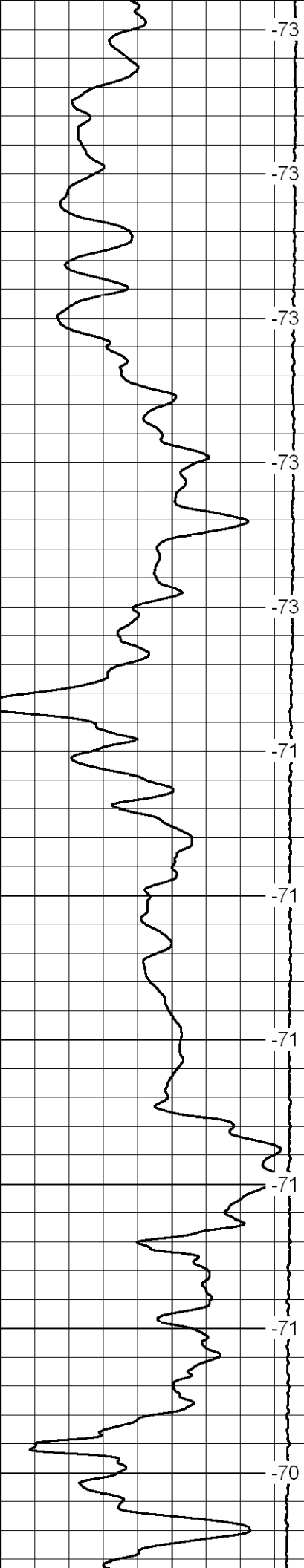
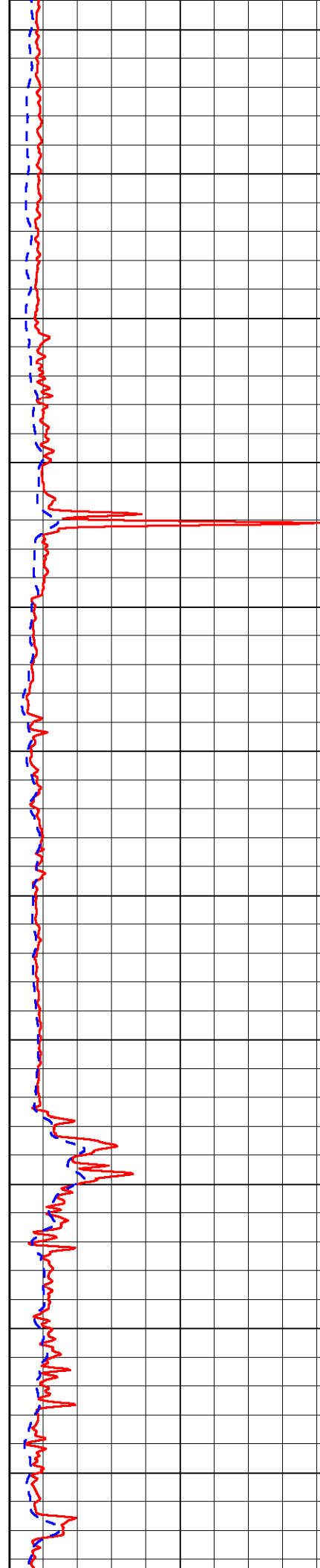
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1200
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1300
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1400
1450
1500



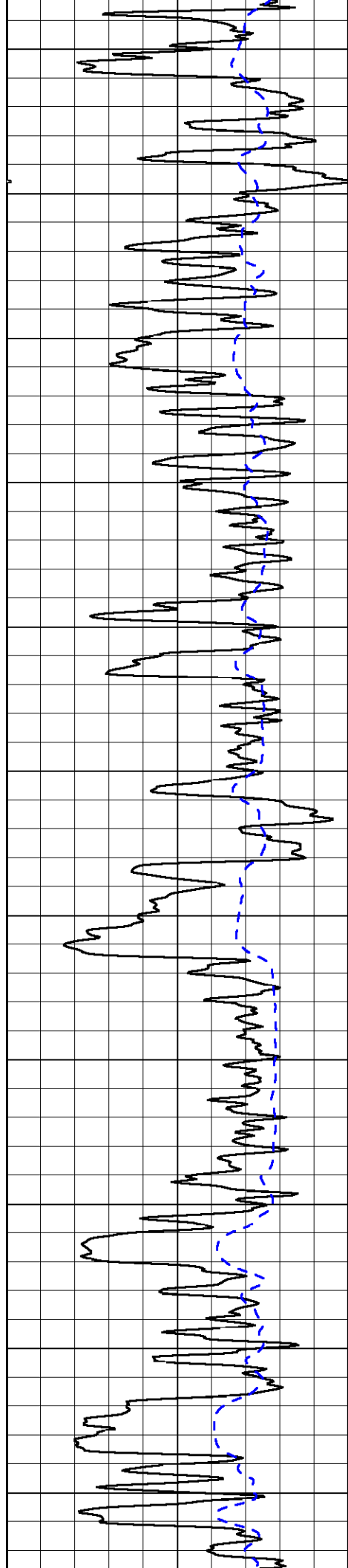
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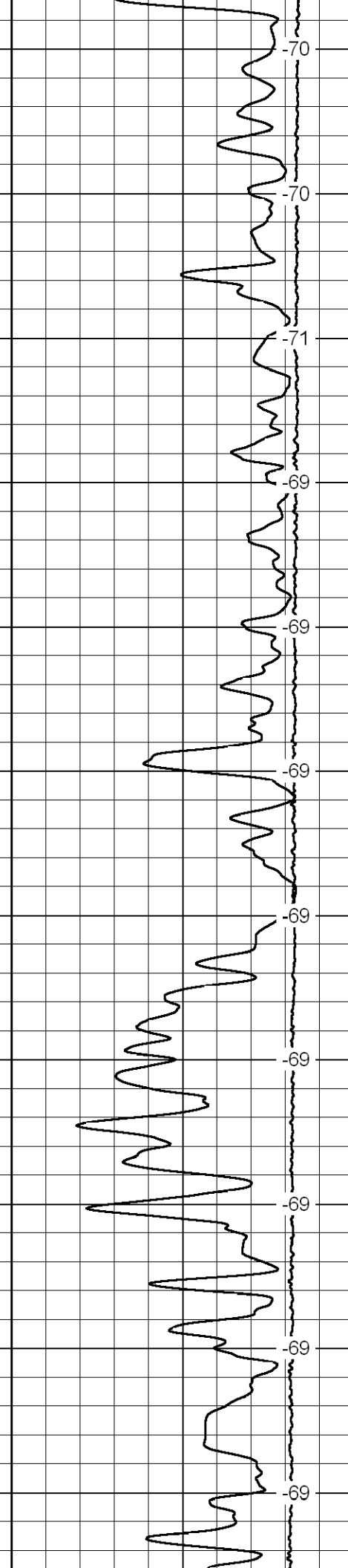
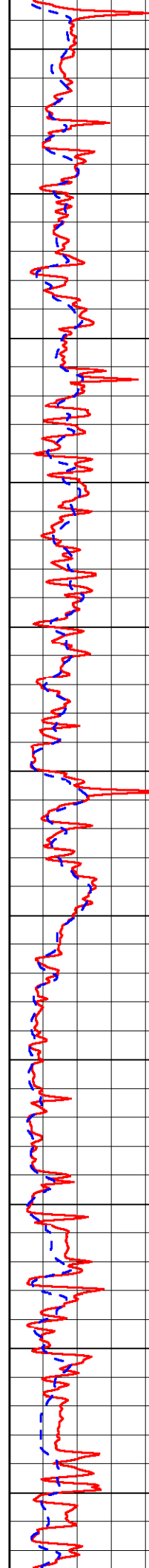
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1800
1850
1900
1950
2000
2050



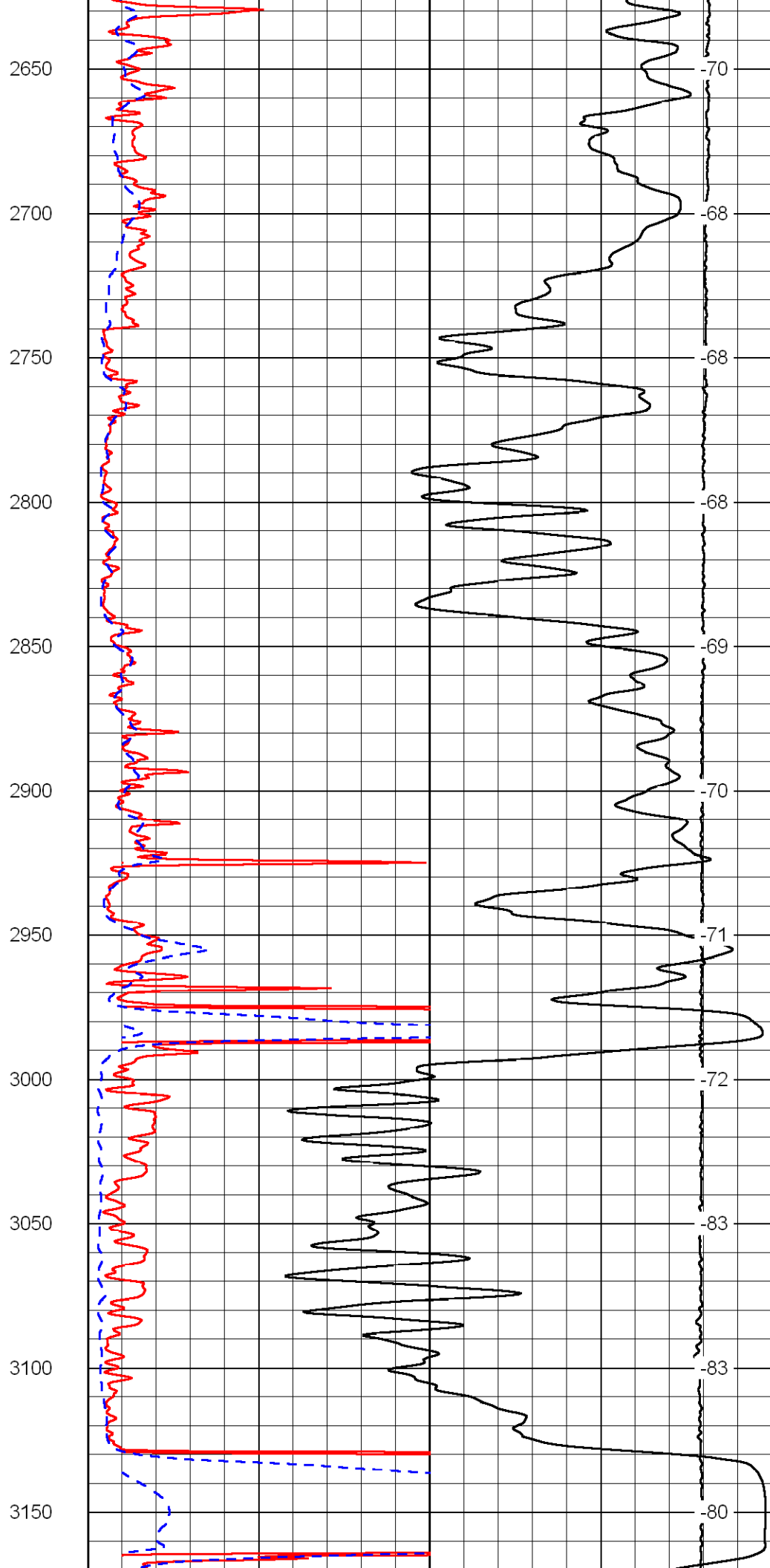
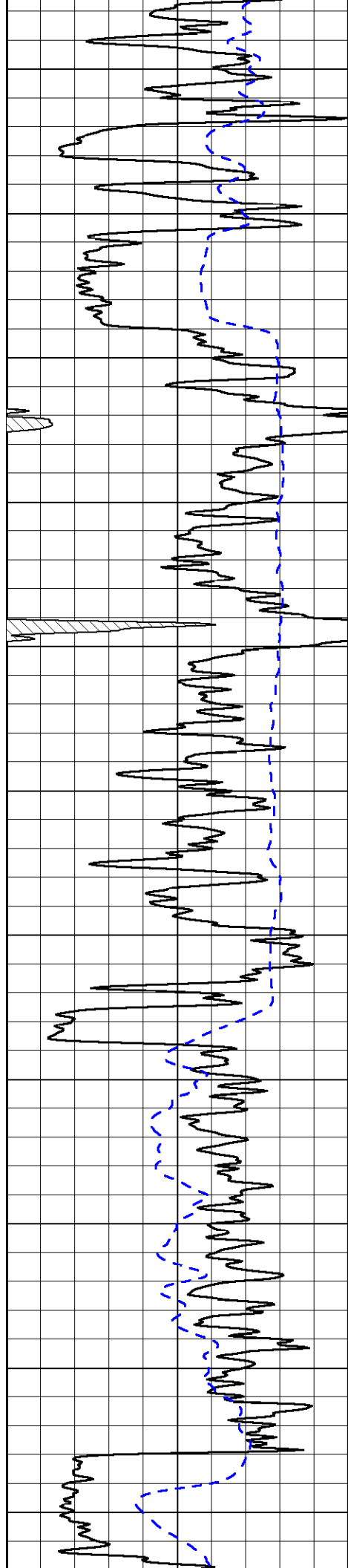
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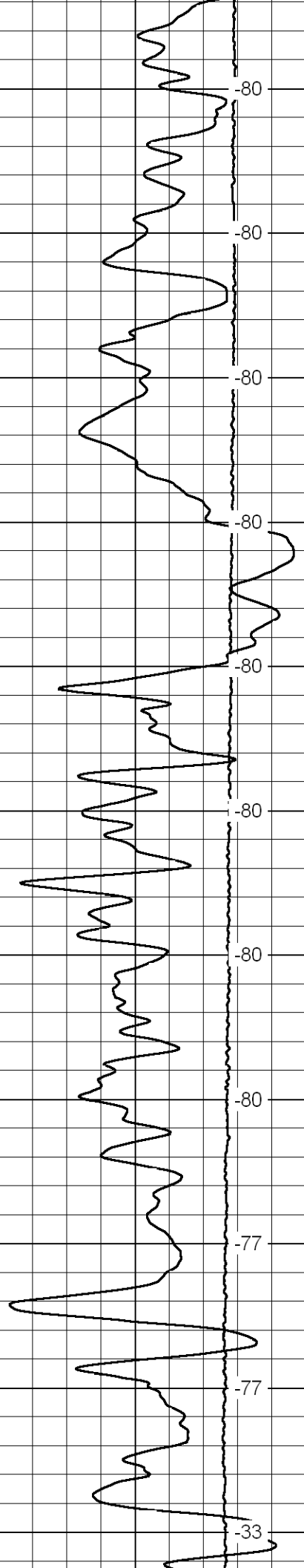
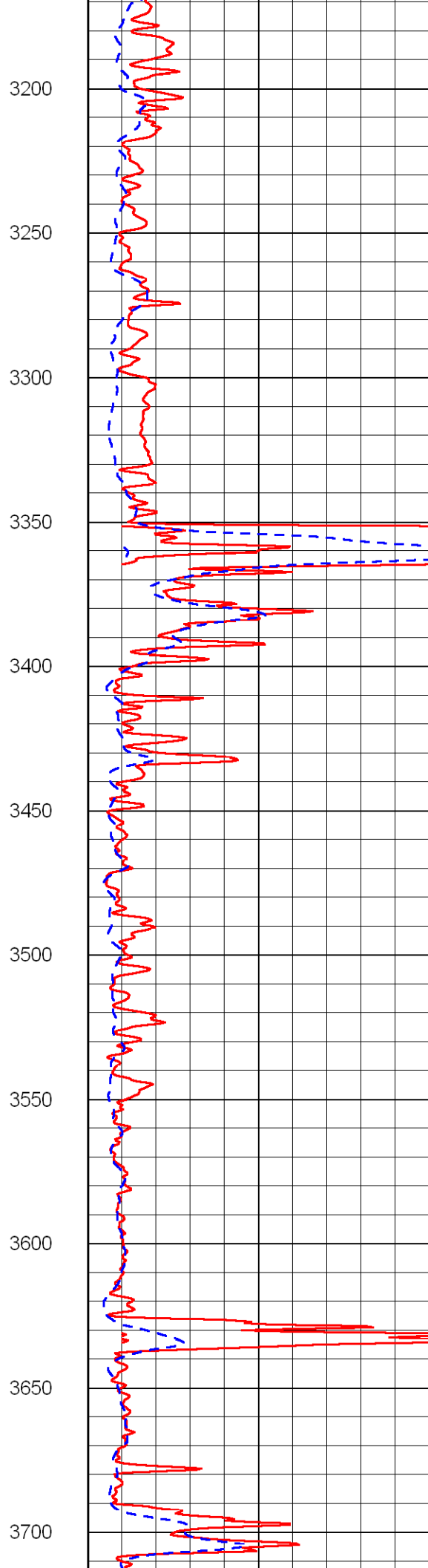
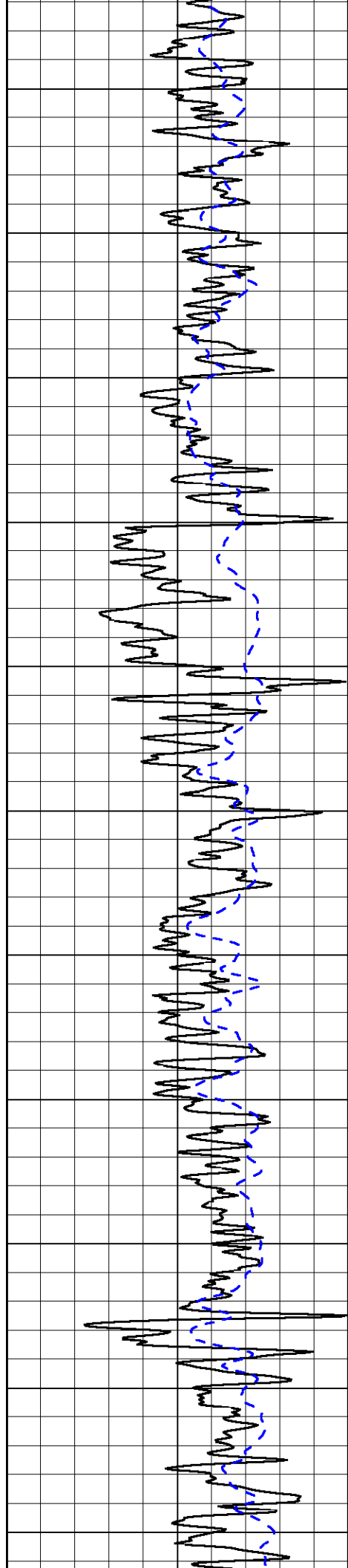


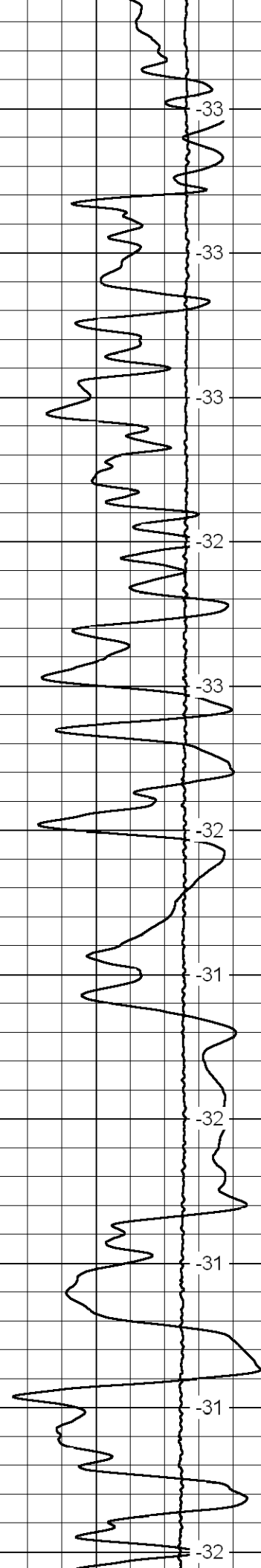
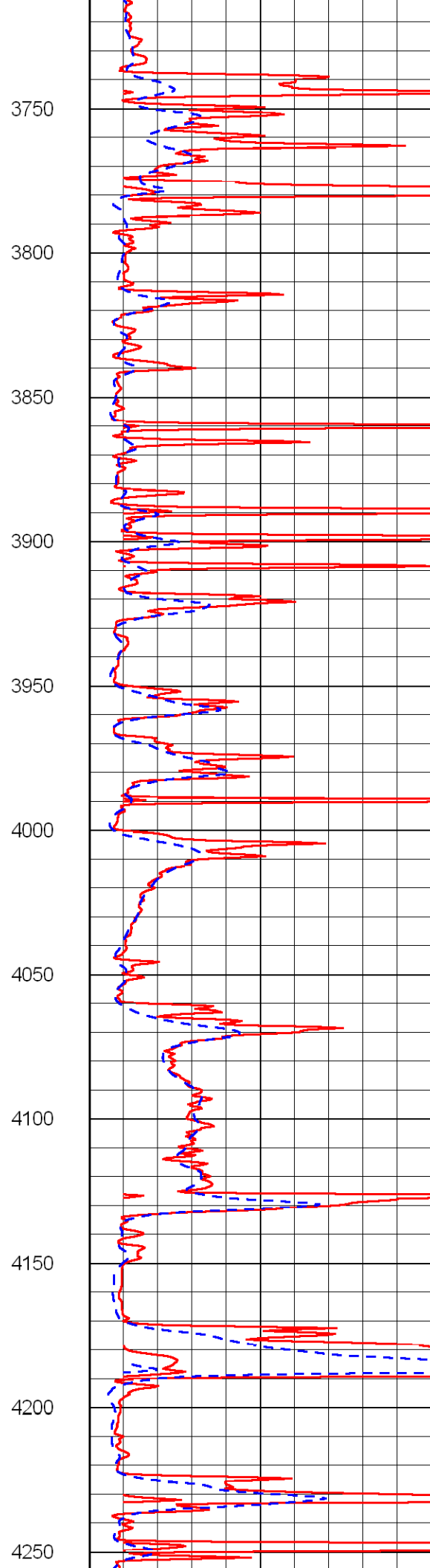
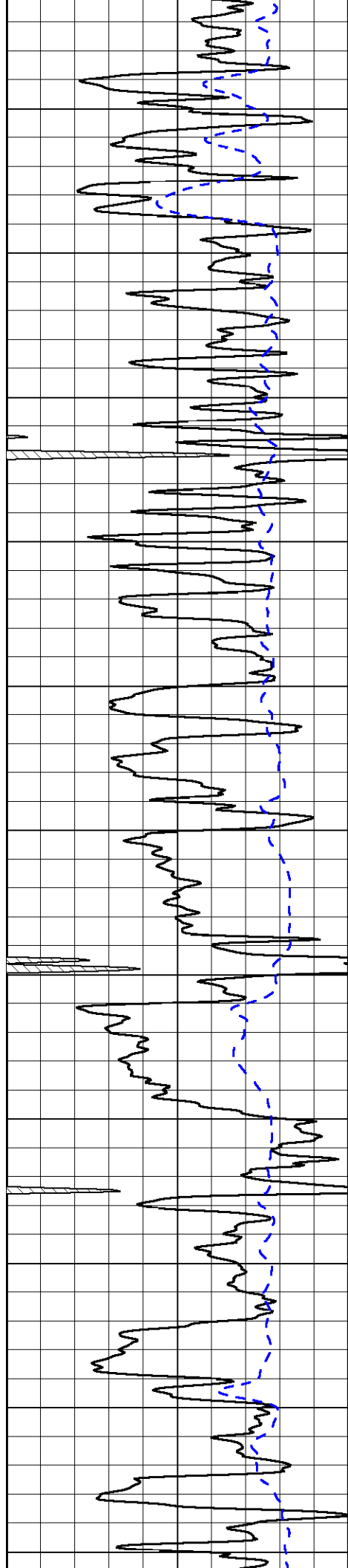
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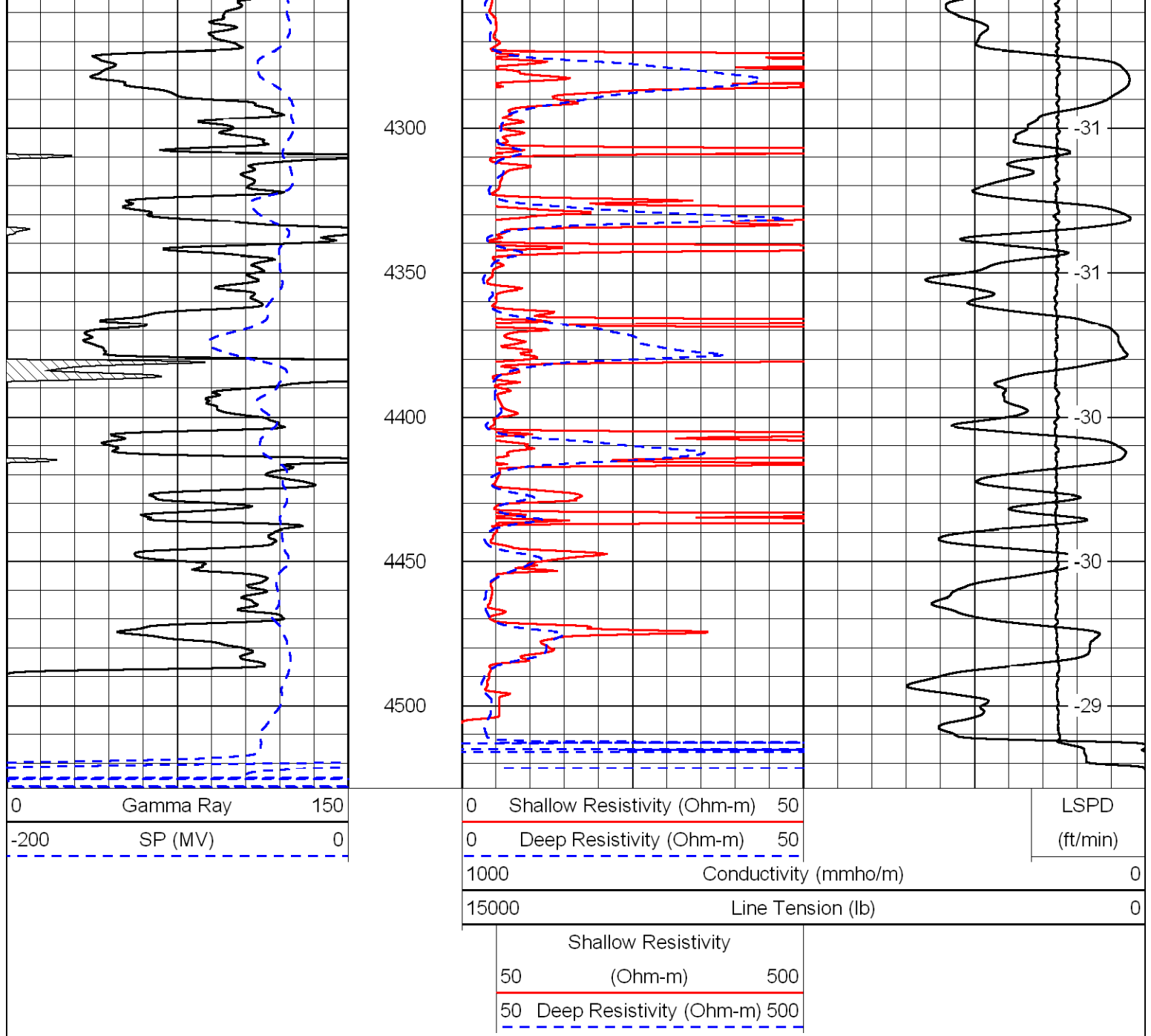


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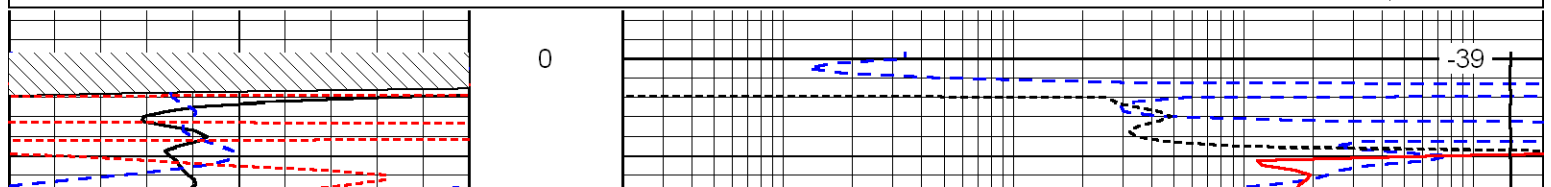
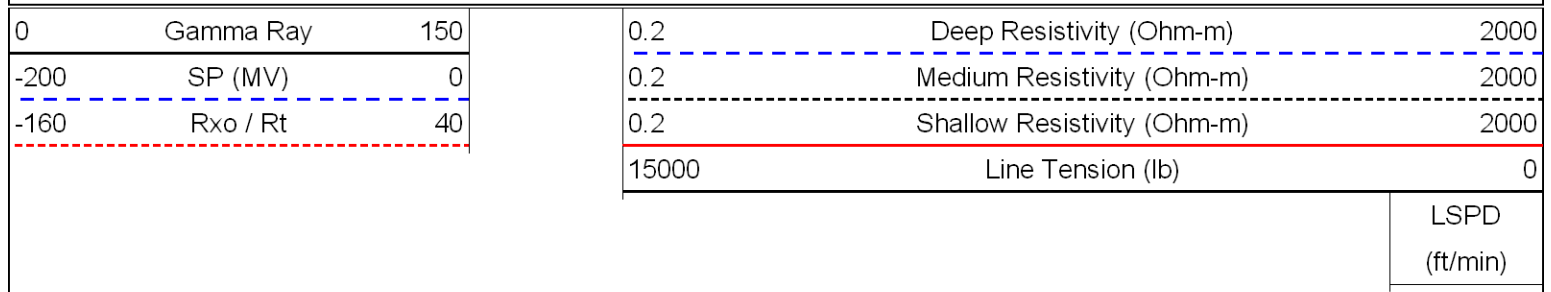


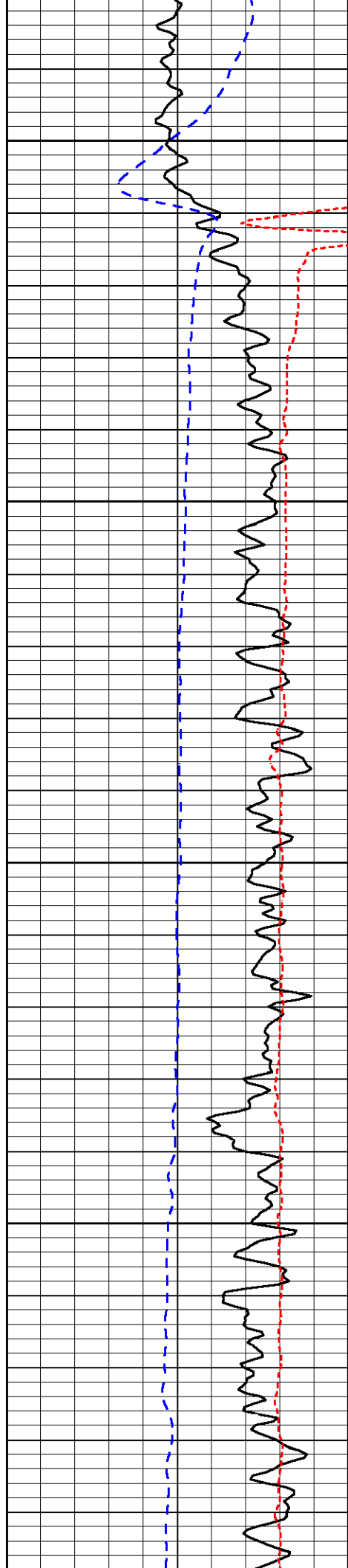






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Dataset Creation: Mon Mar 23 18:44:43 2009
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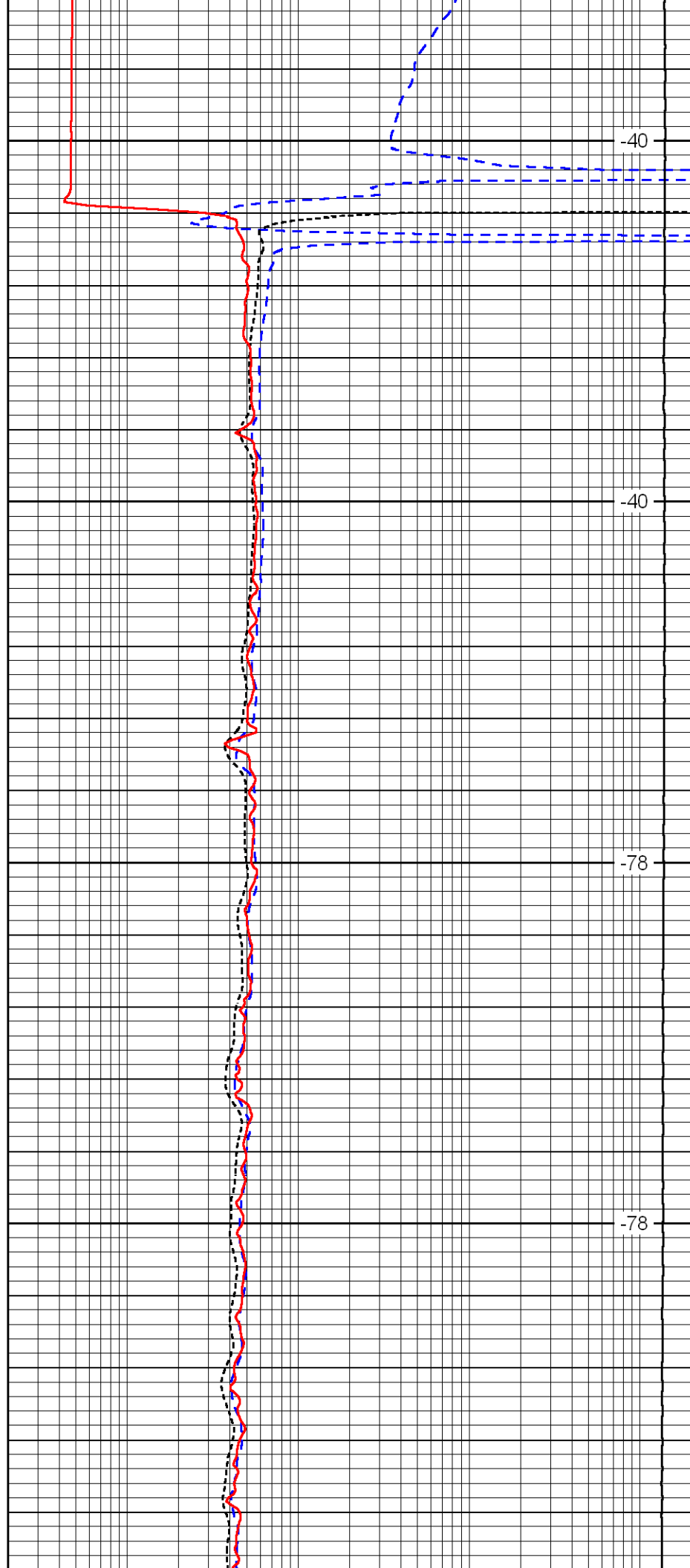


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300

350

400

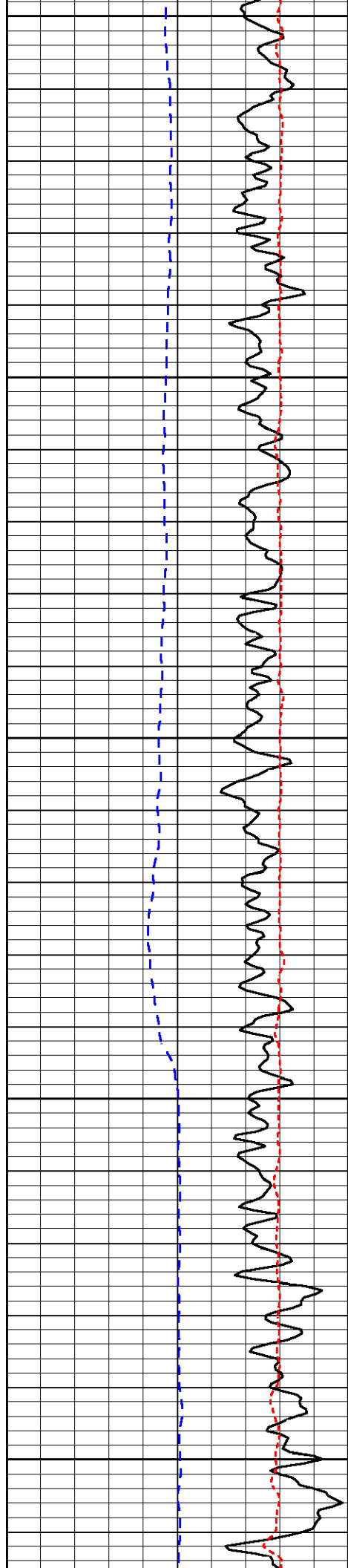


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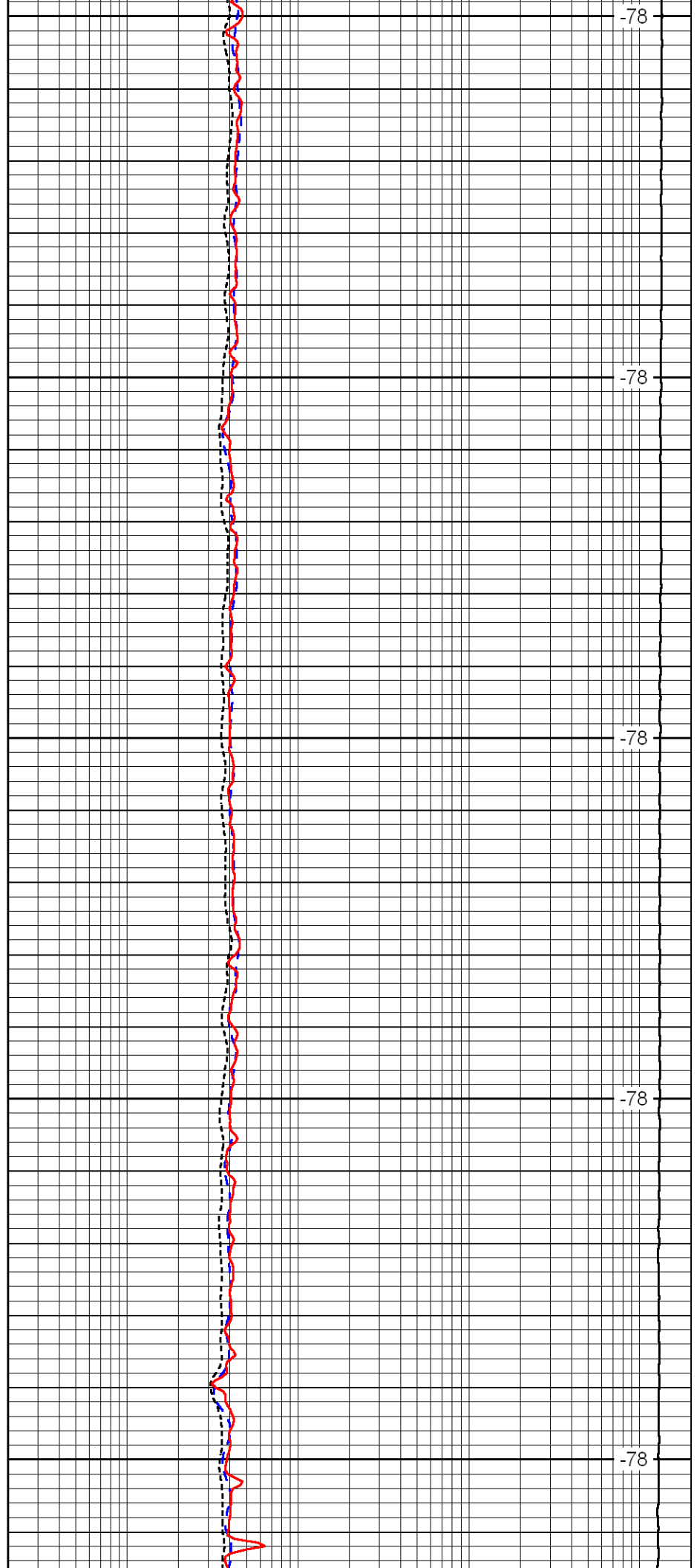
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550

600

650



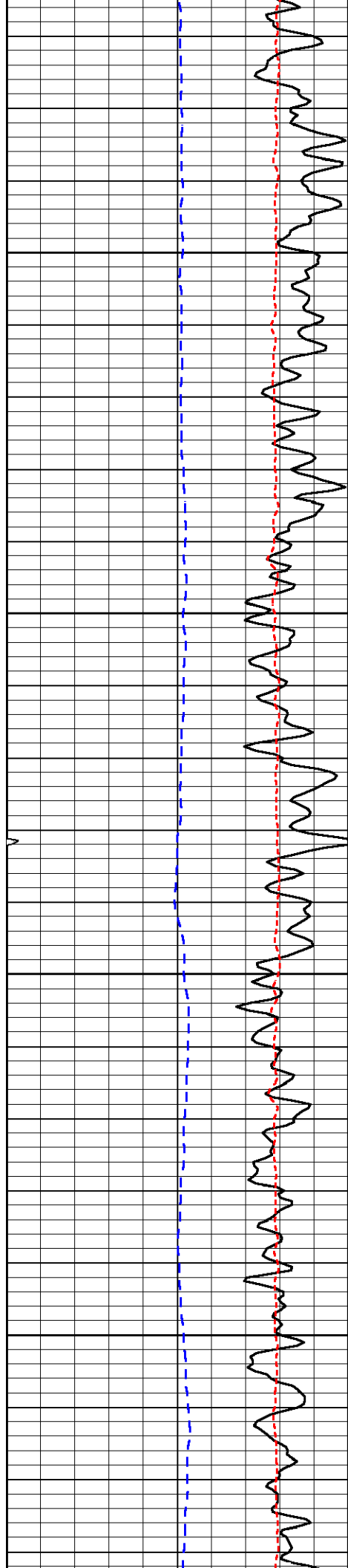
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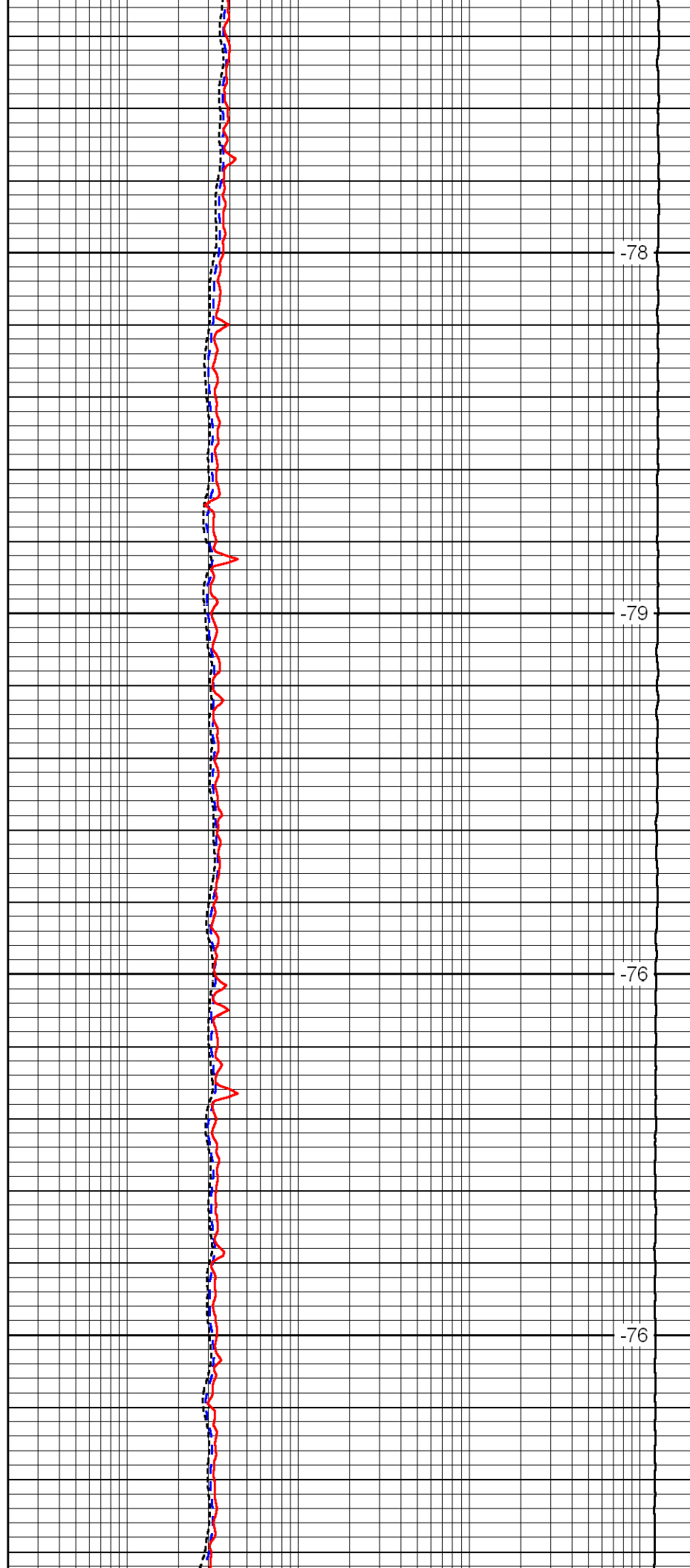


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750

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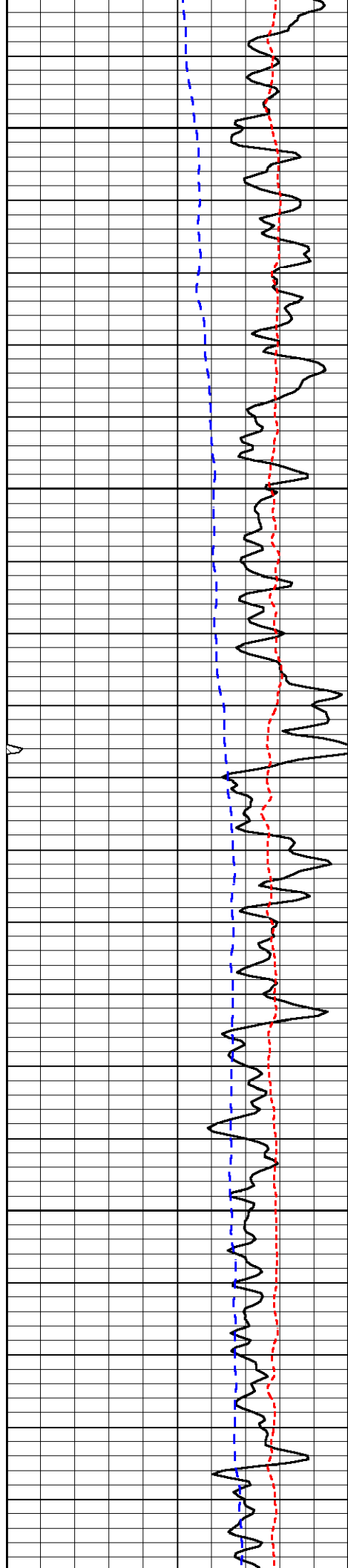


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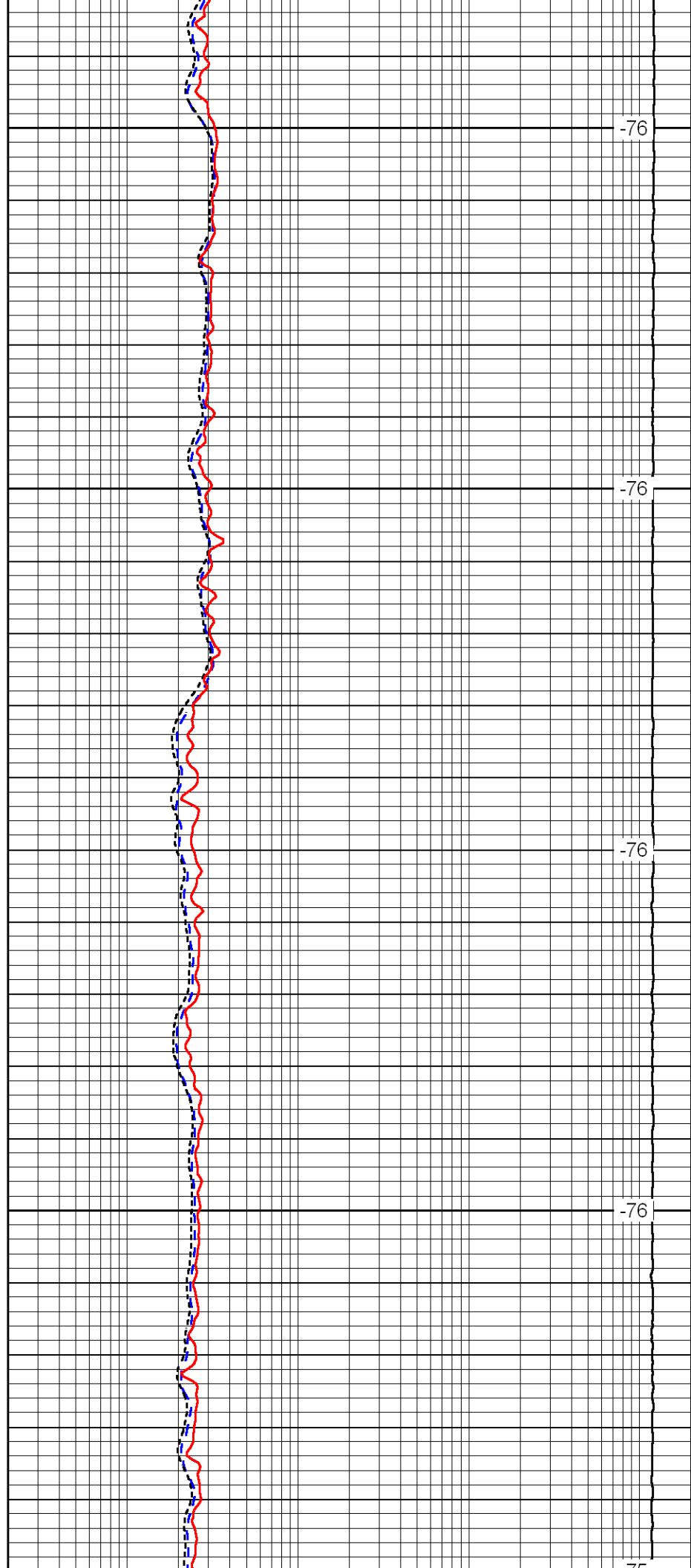
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1000

1050

1100



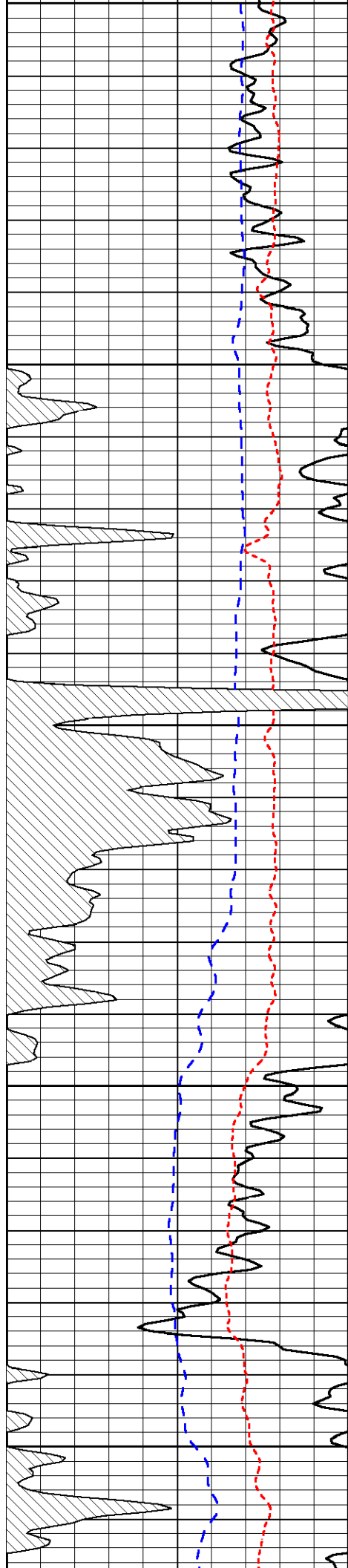
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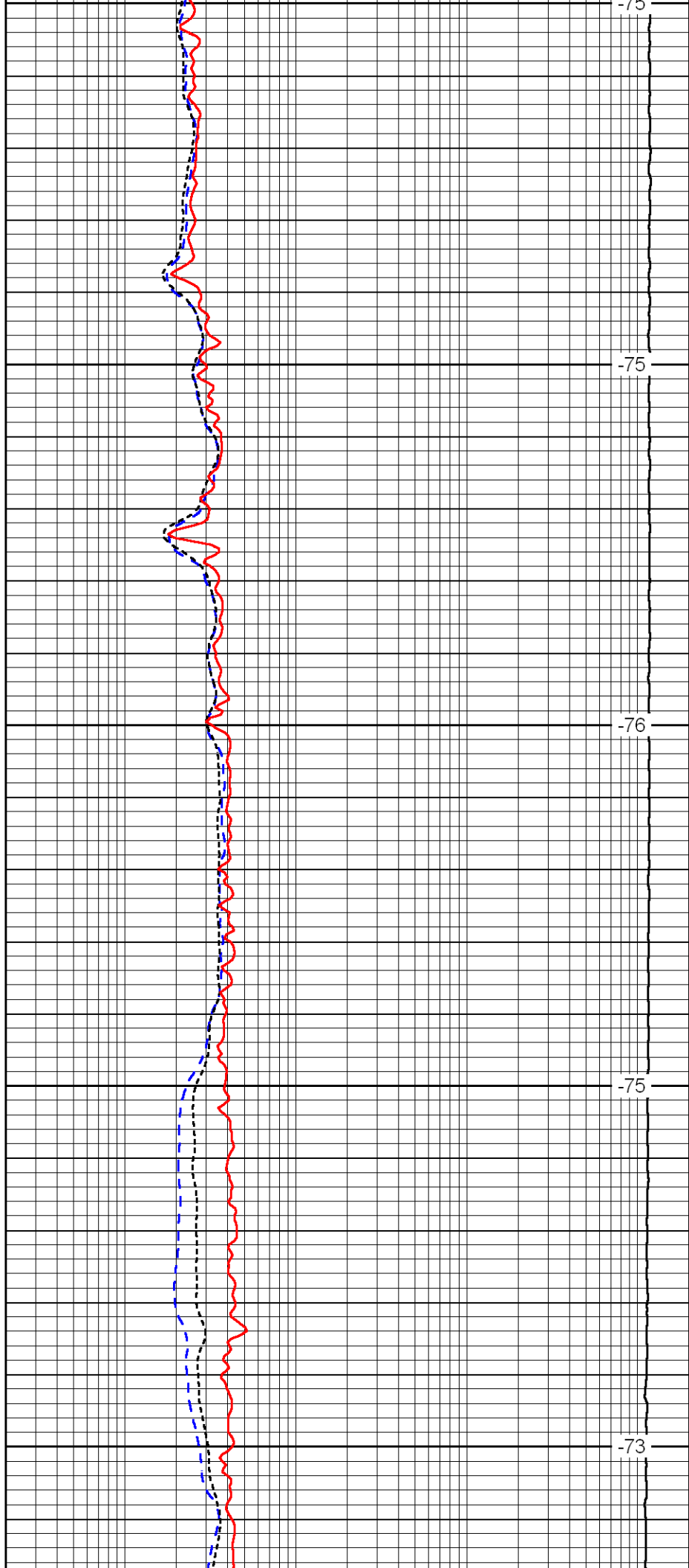
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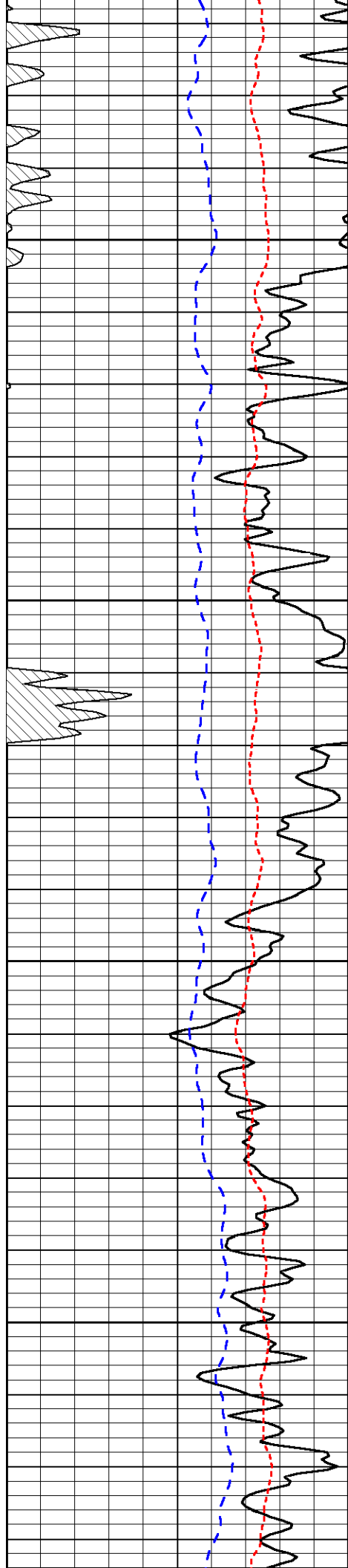
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1150
1200
1250
1300



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-75
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-75
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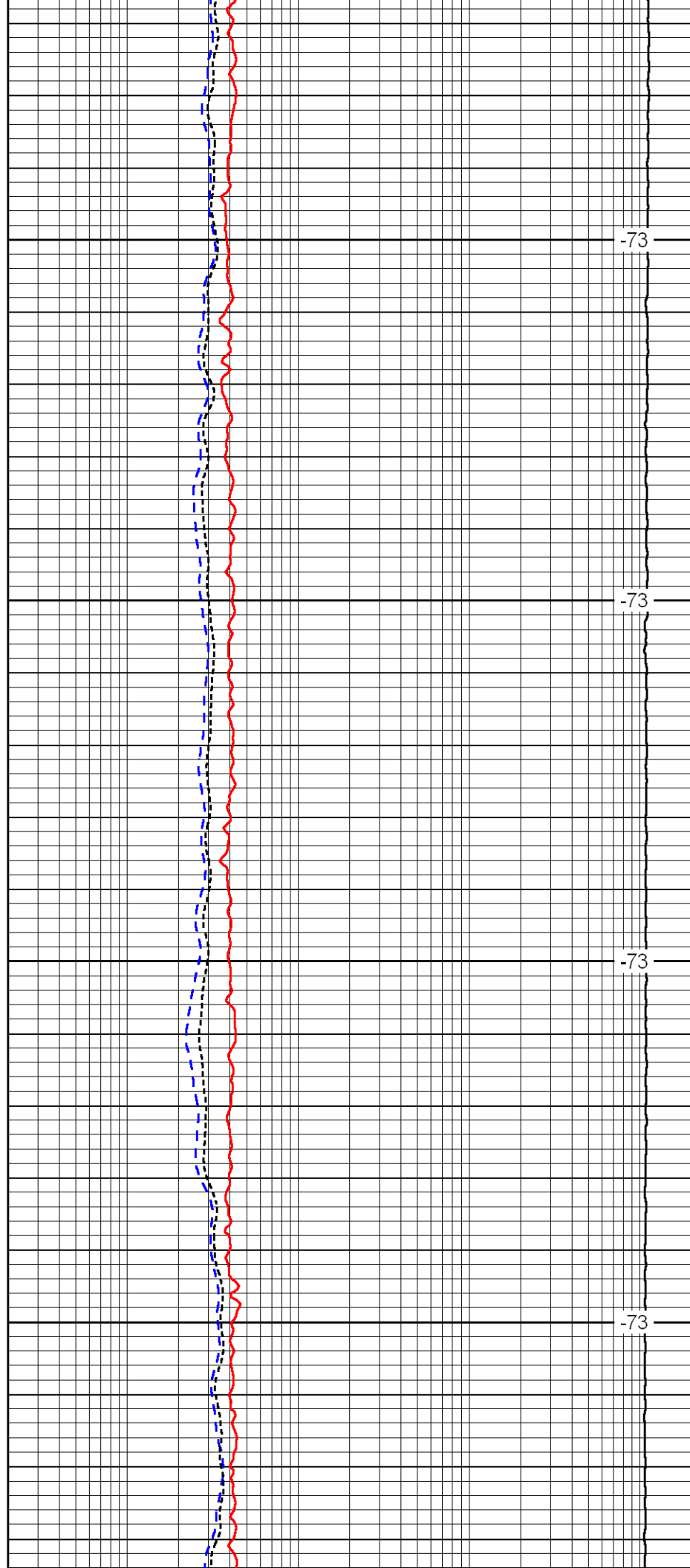


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1400

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1500

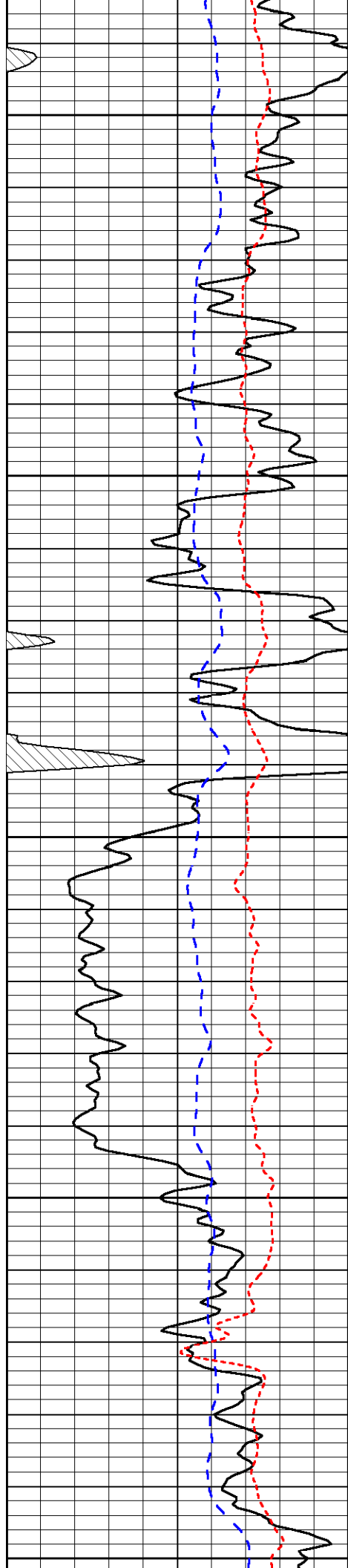


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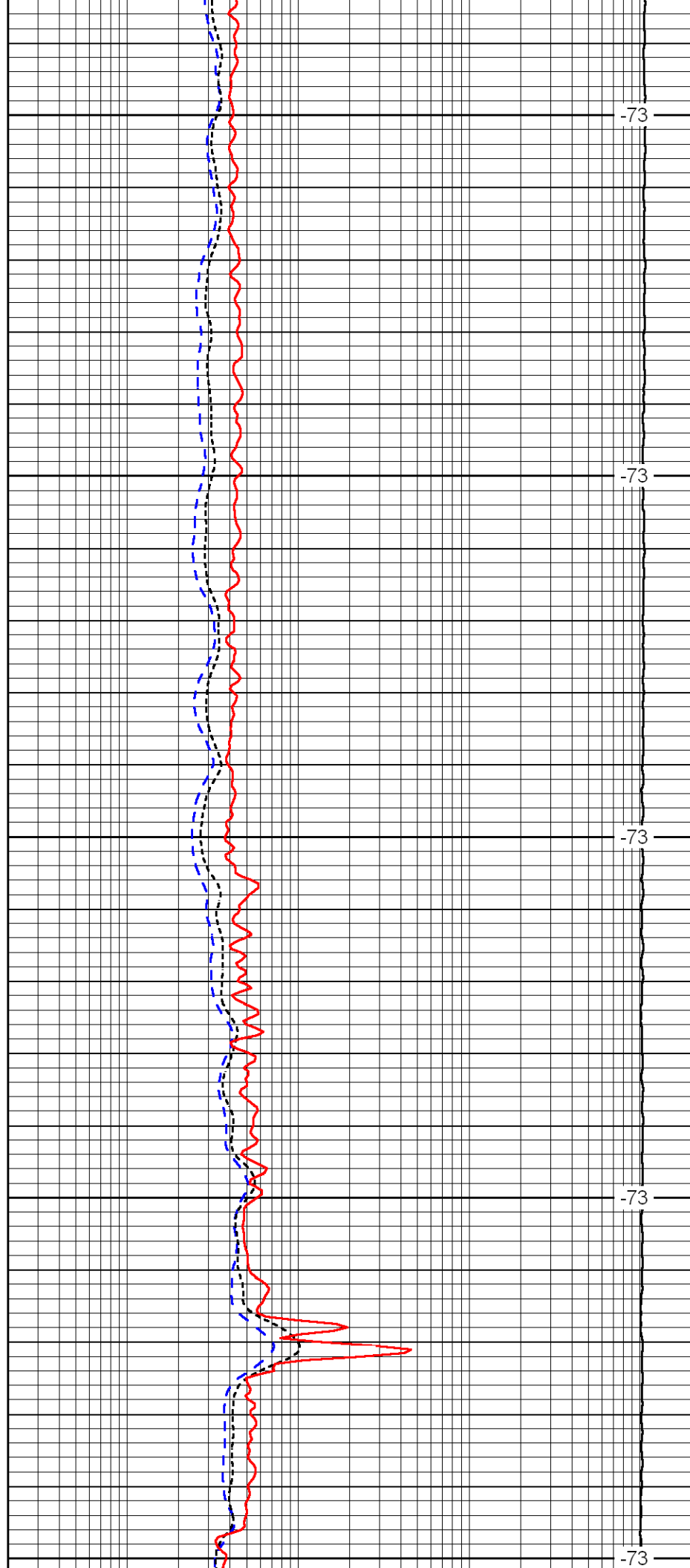
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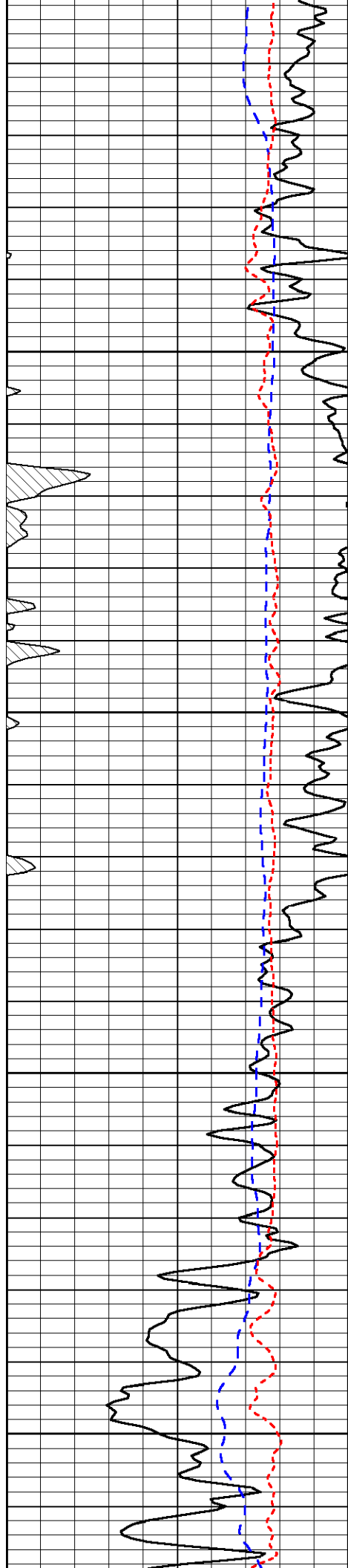
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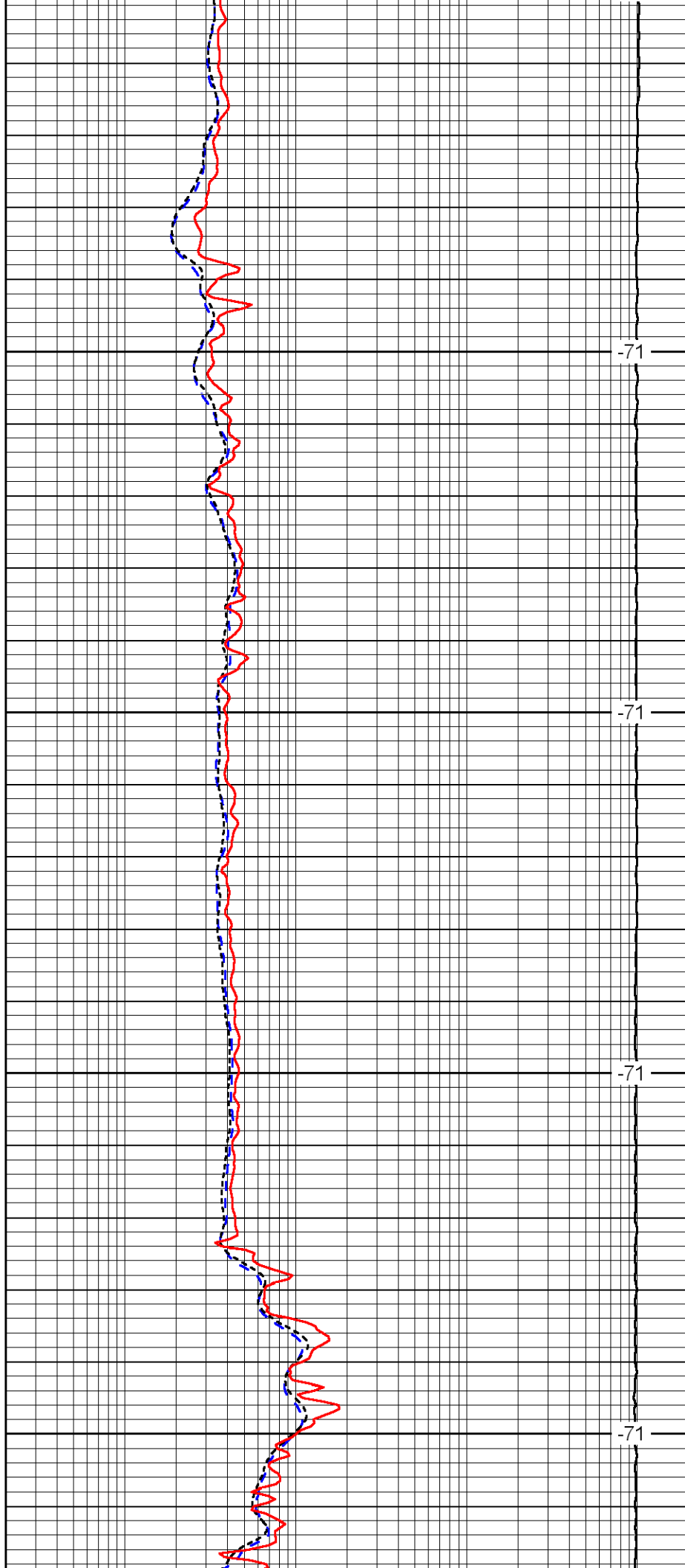


1800

1850

1900

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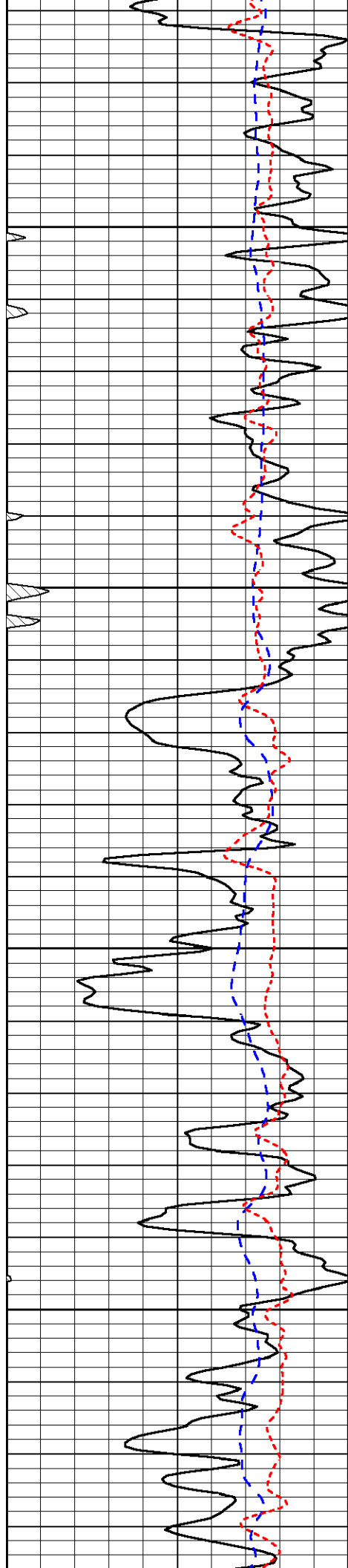


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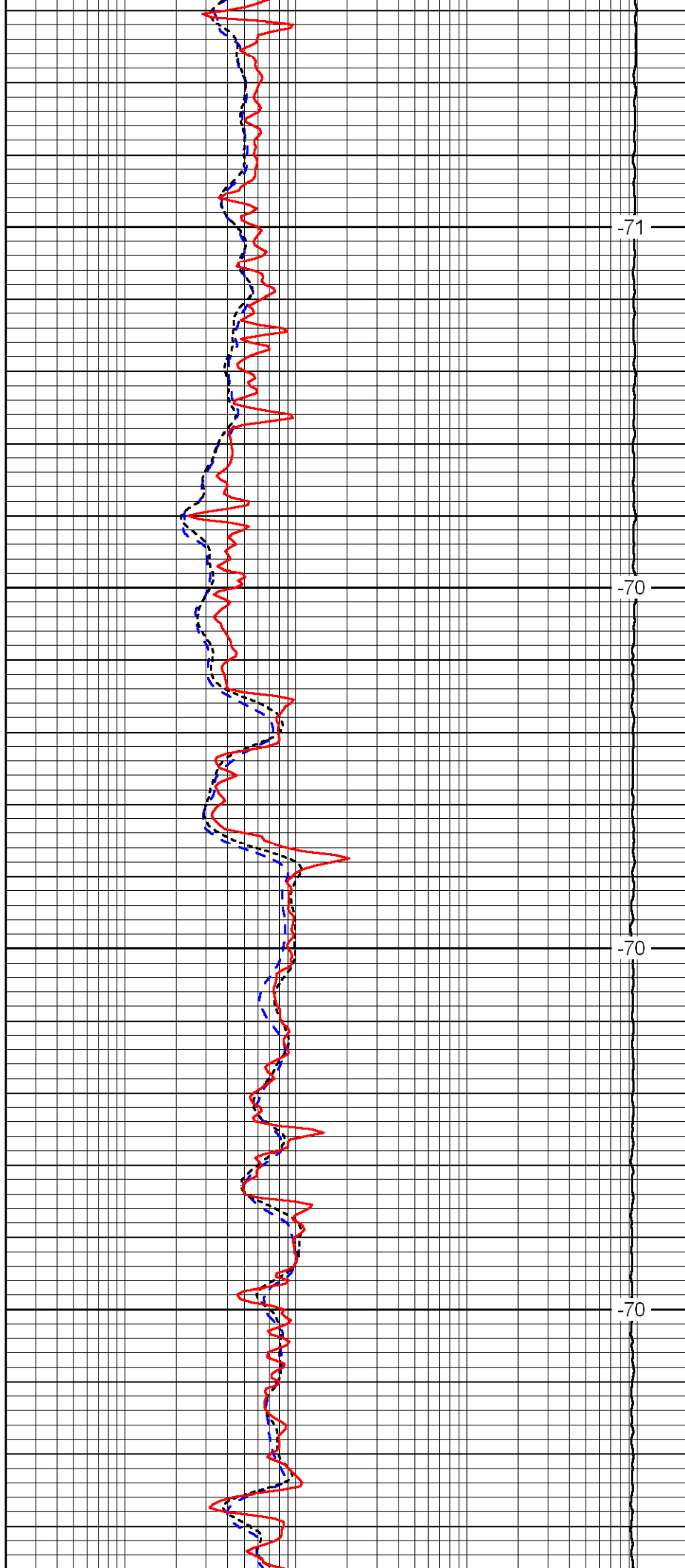


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2050

2100

2150

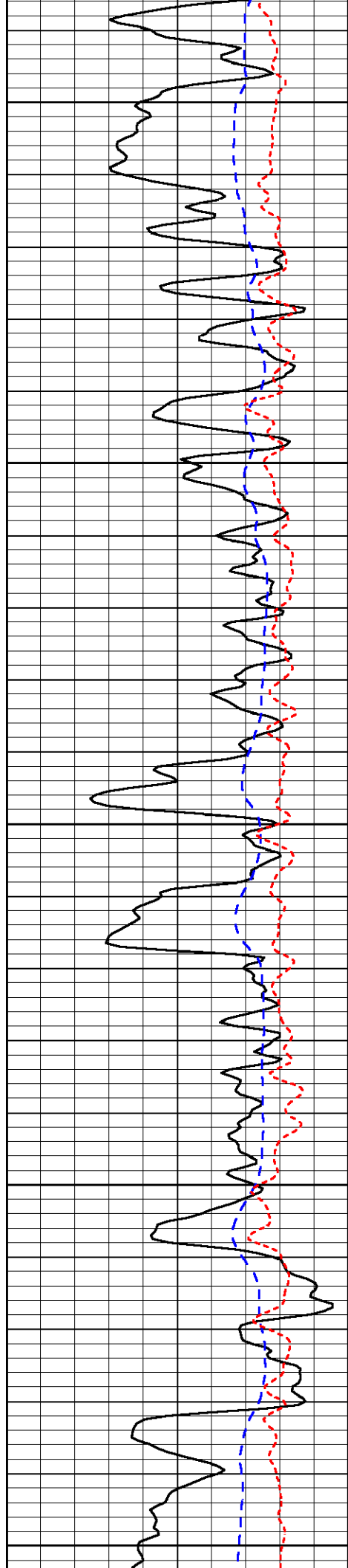


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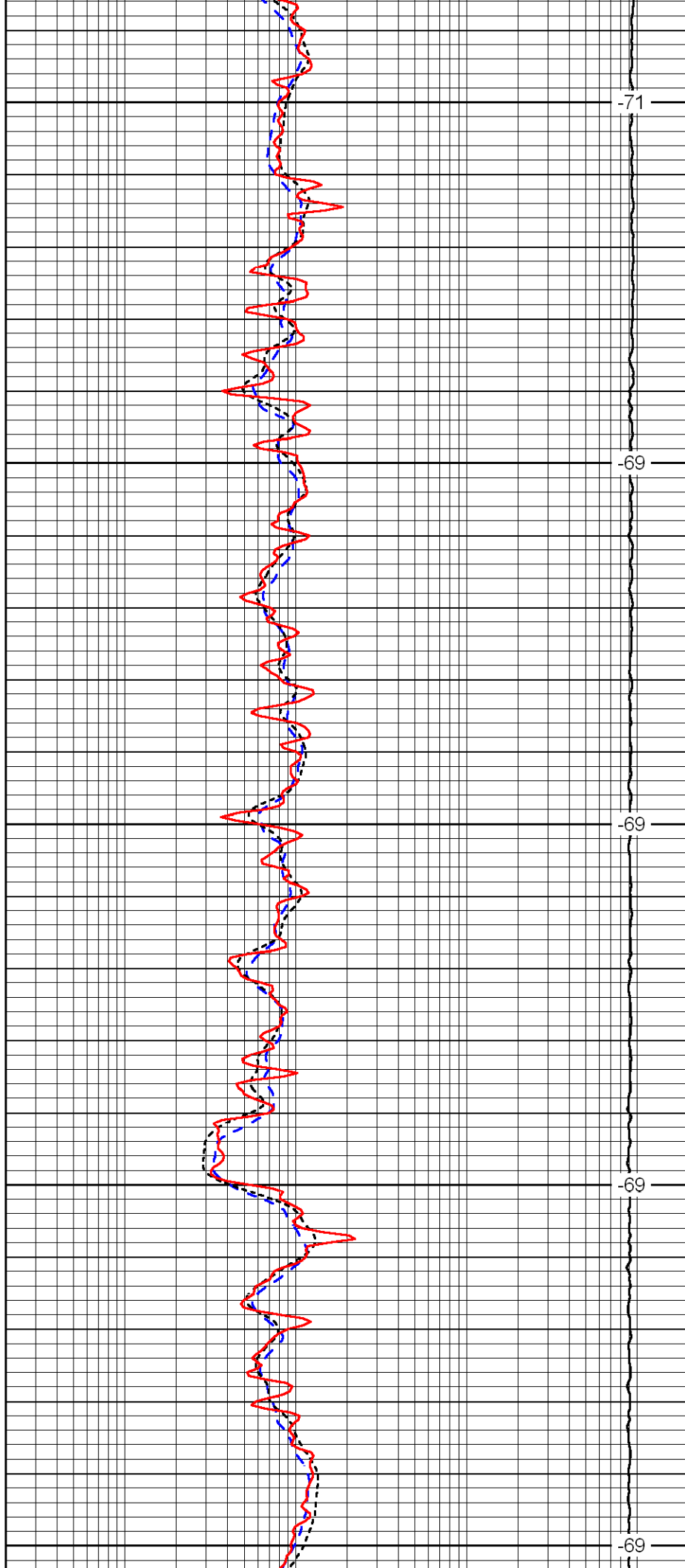
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2250

2300

2350

2400



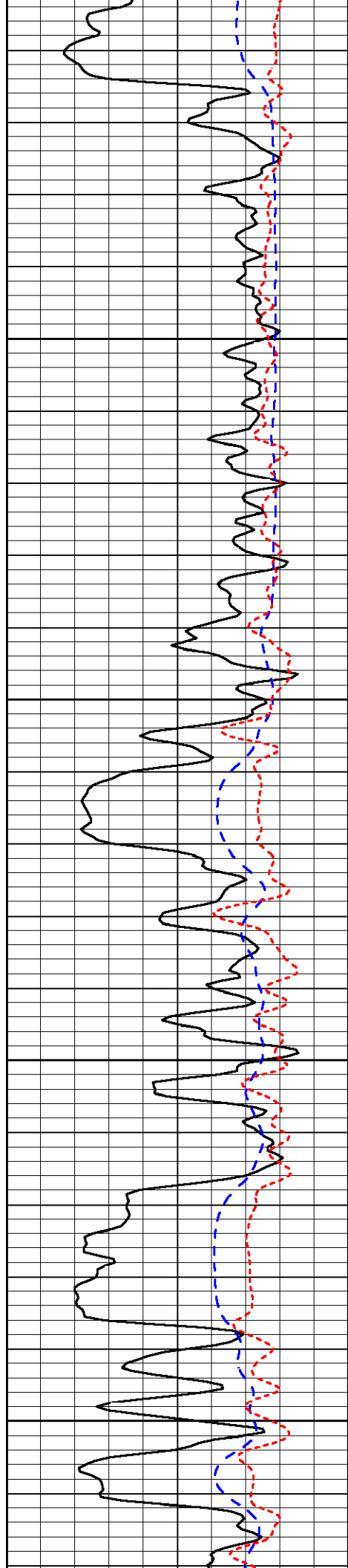
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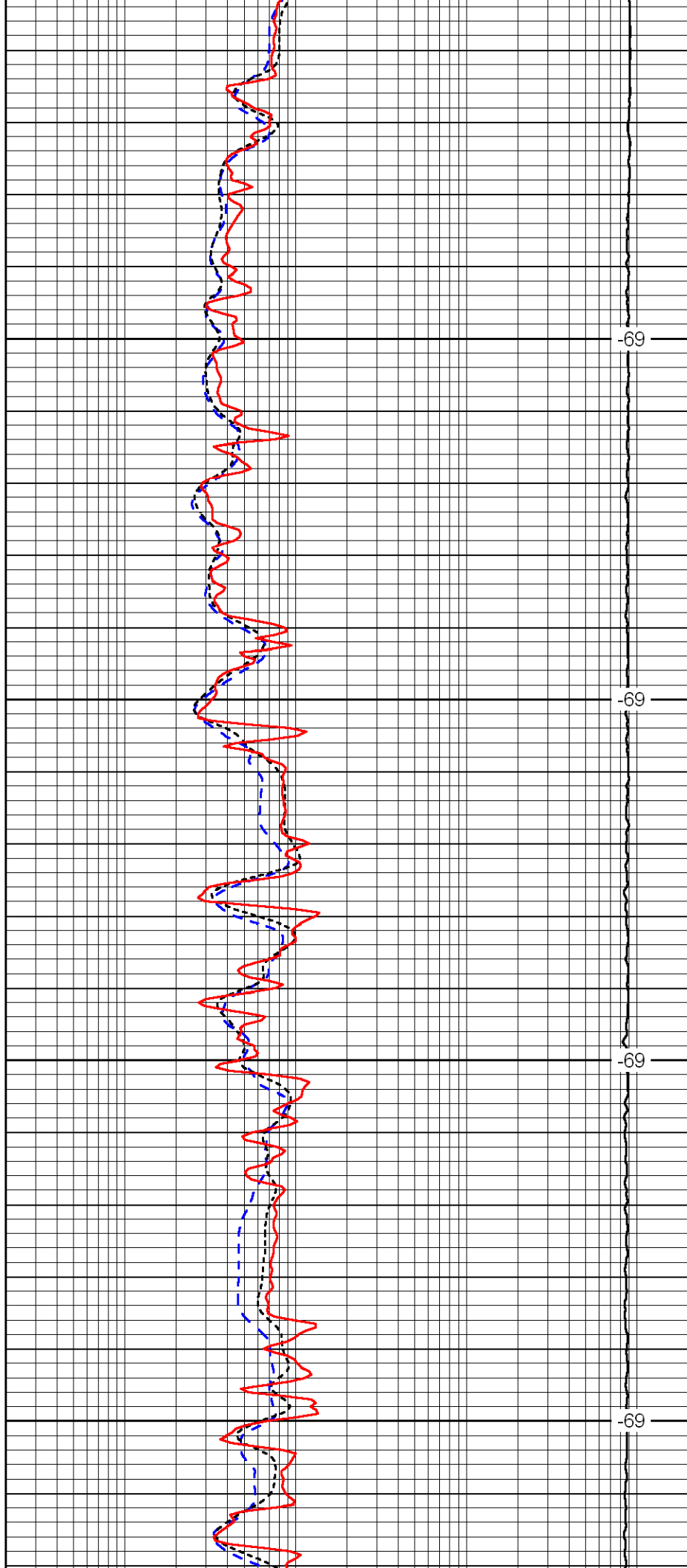


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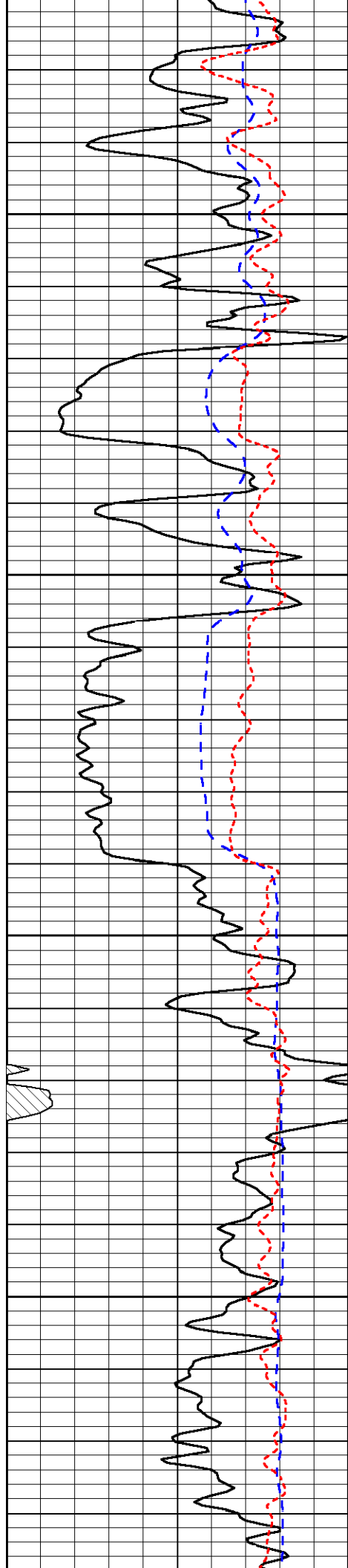


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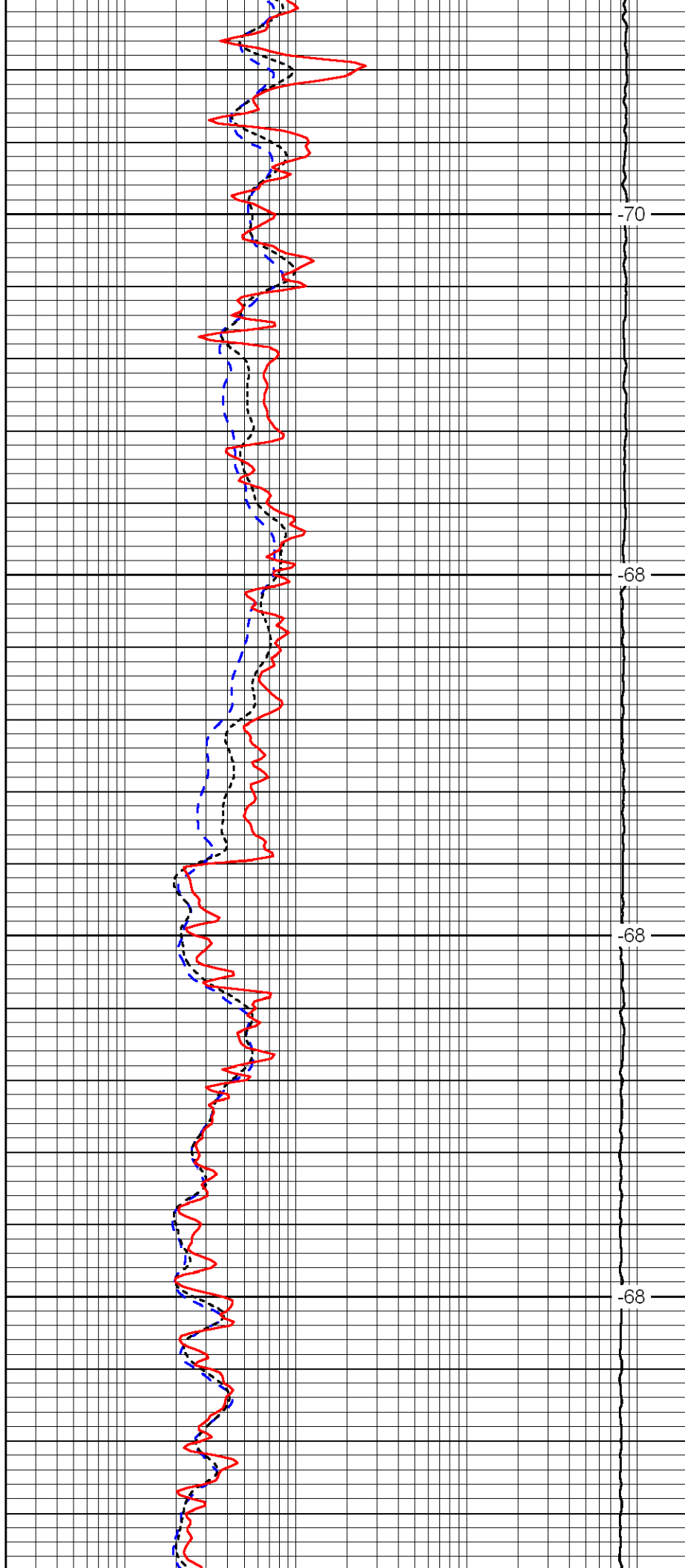


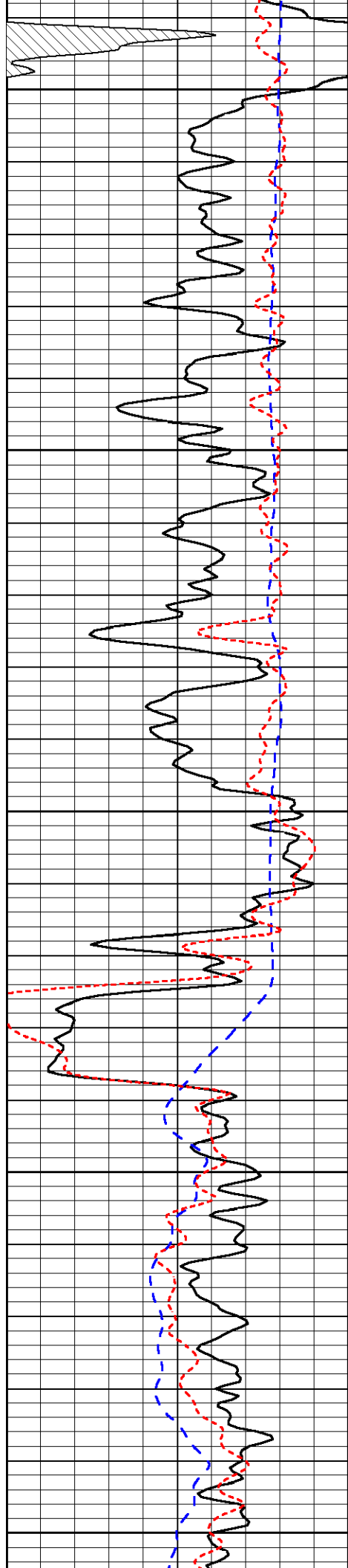
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2700

2750

2800





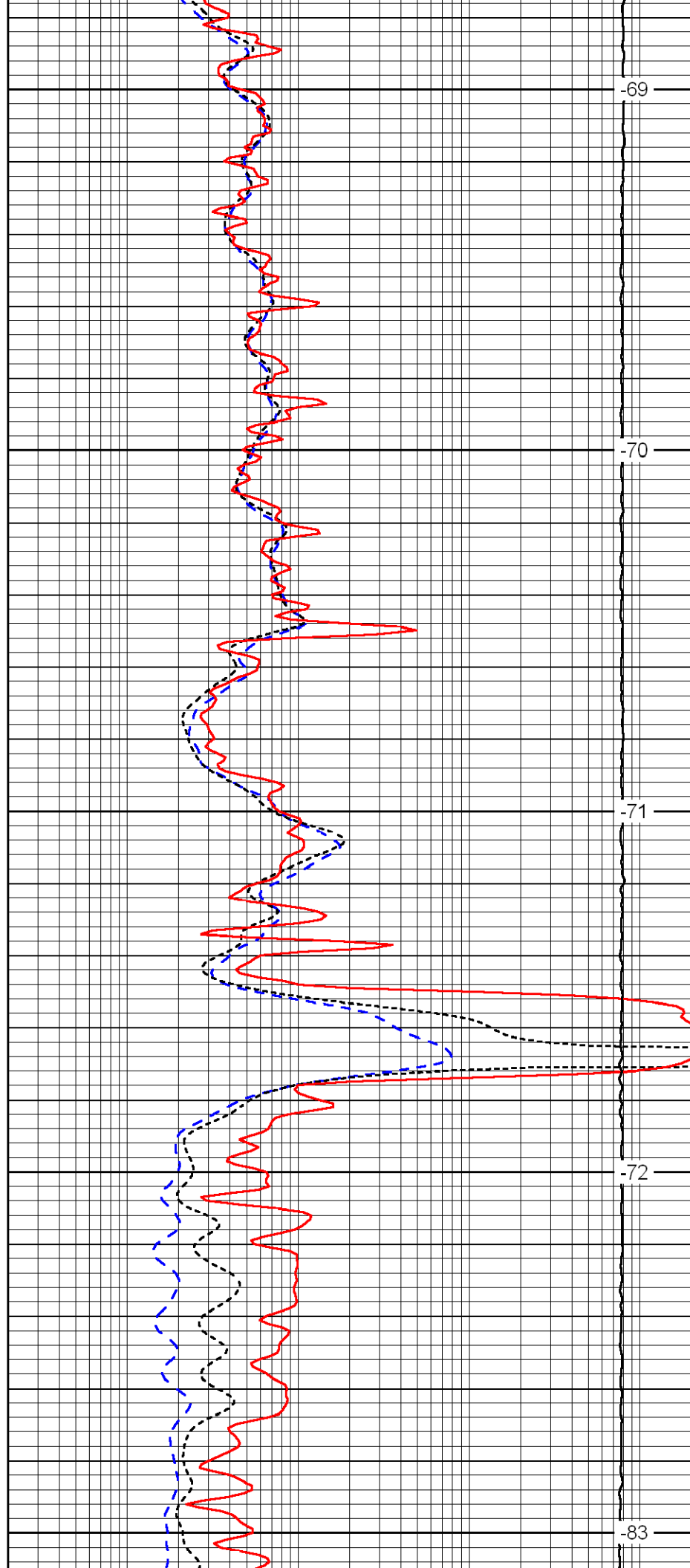
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2900

2950

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3050



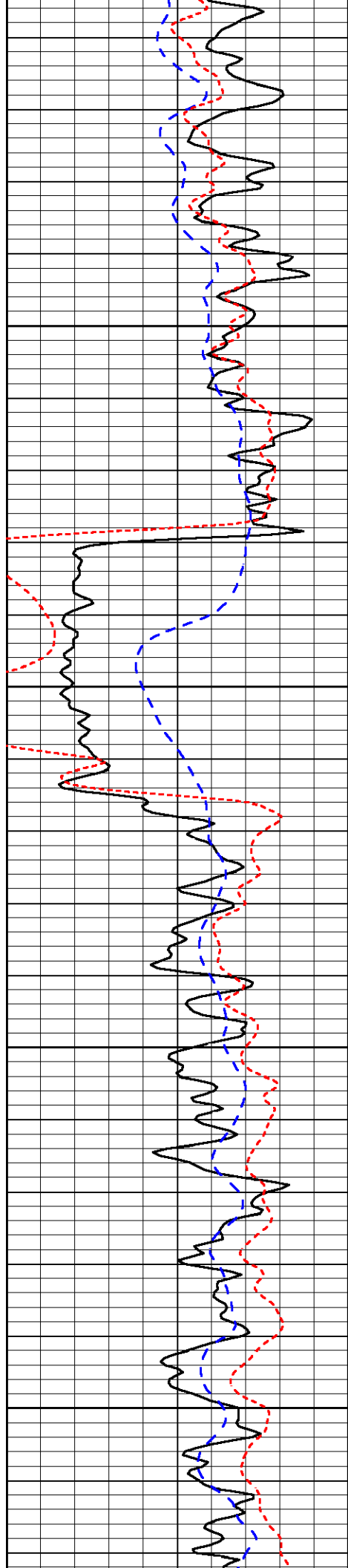
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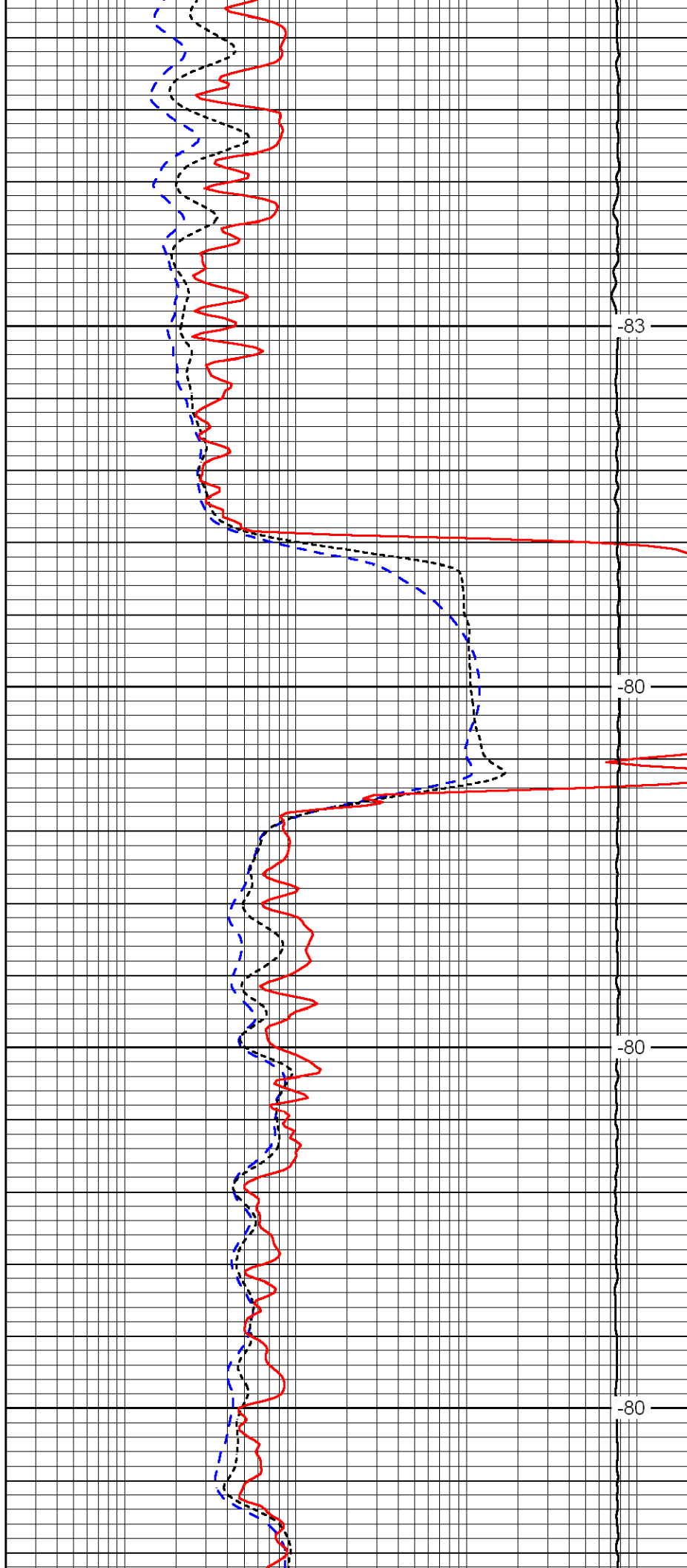


3100

3150

3200

3250

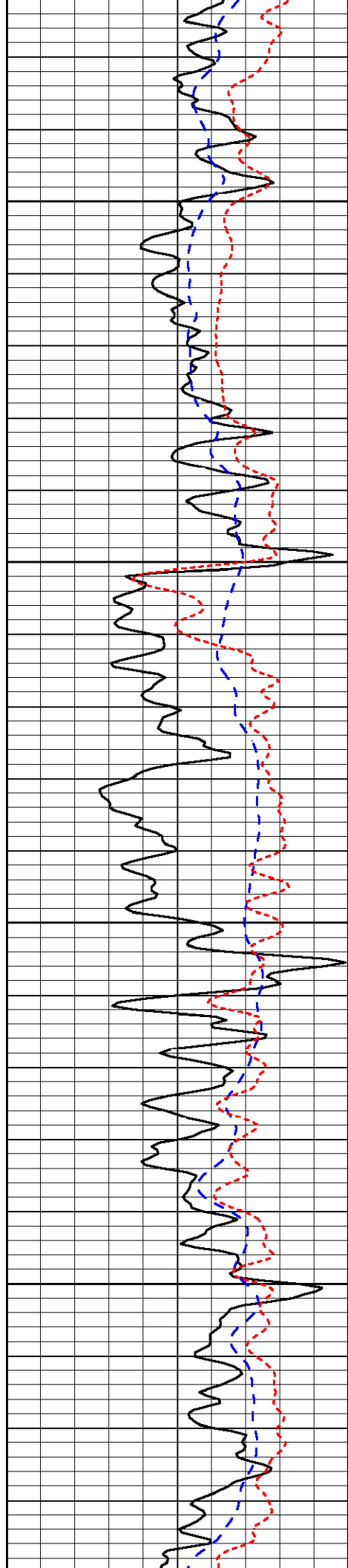


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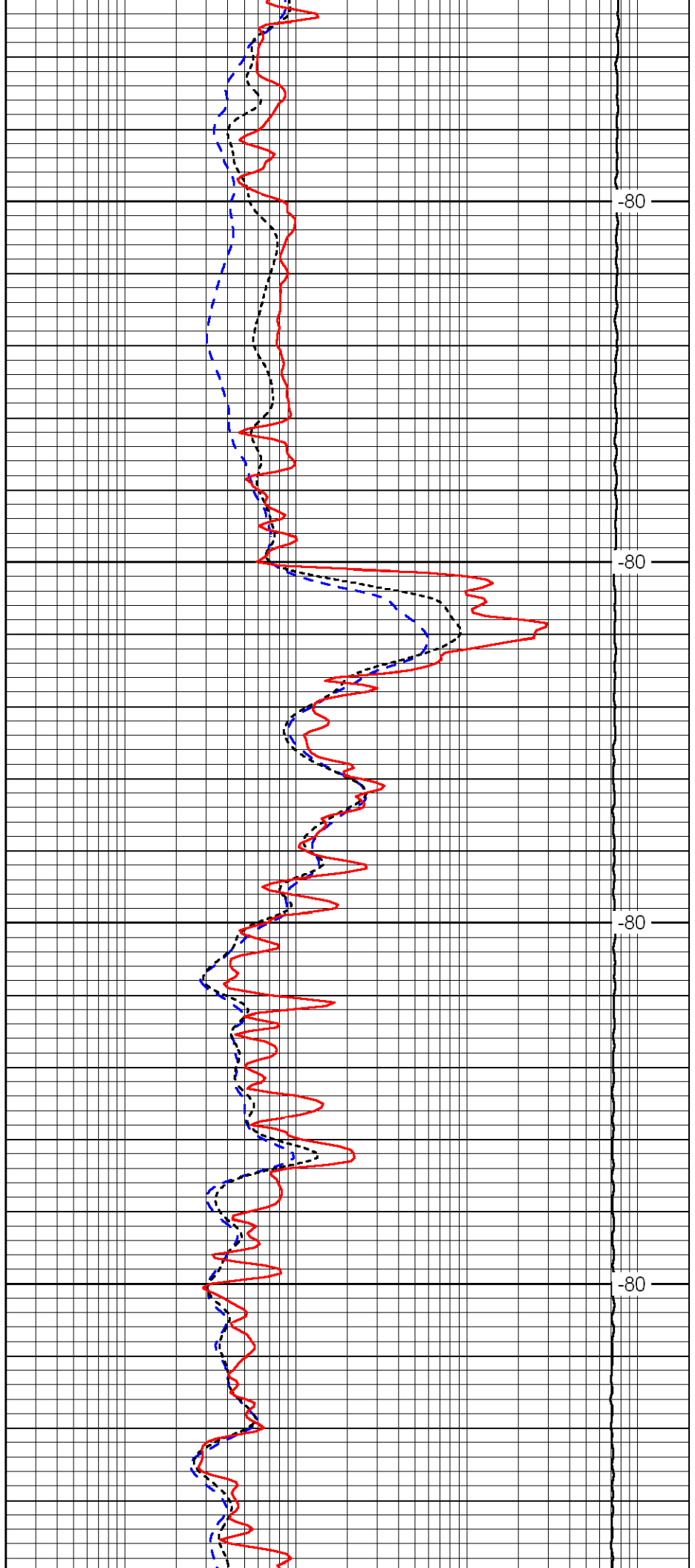


3300

3350

3400

3450

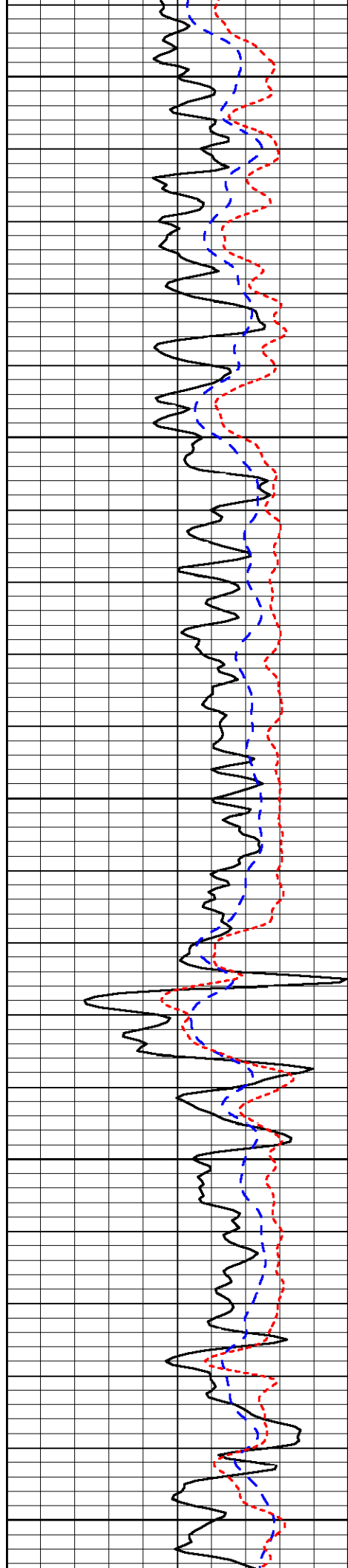


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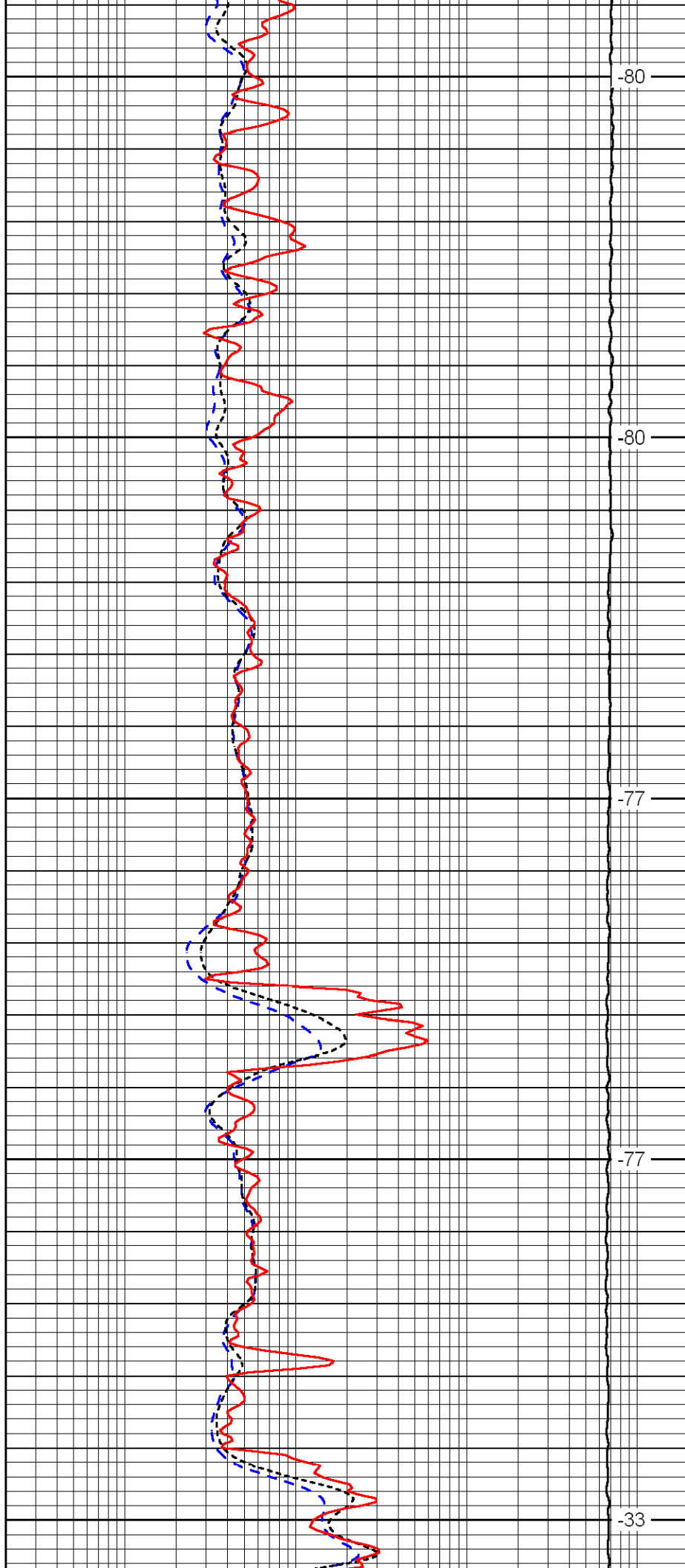
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3600

3650

3700



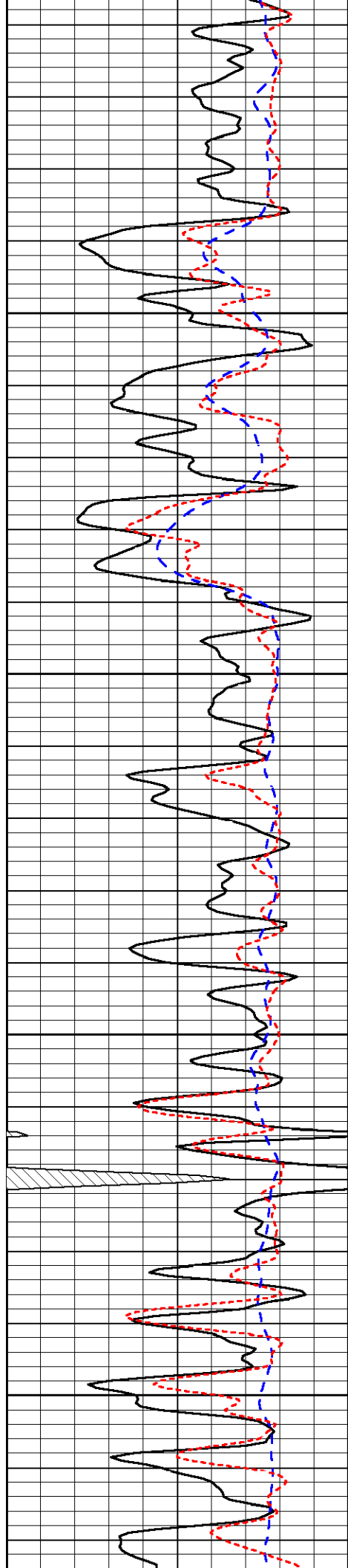
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-77

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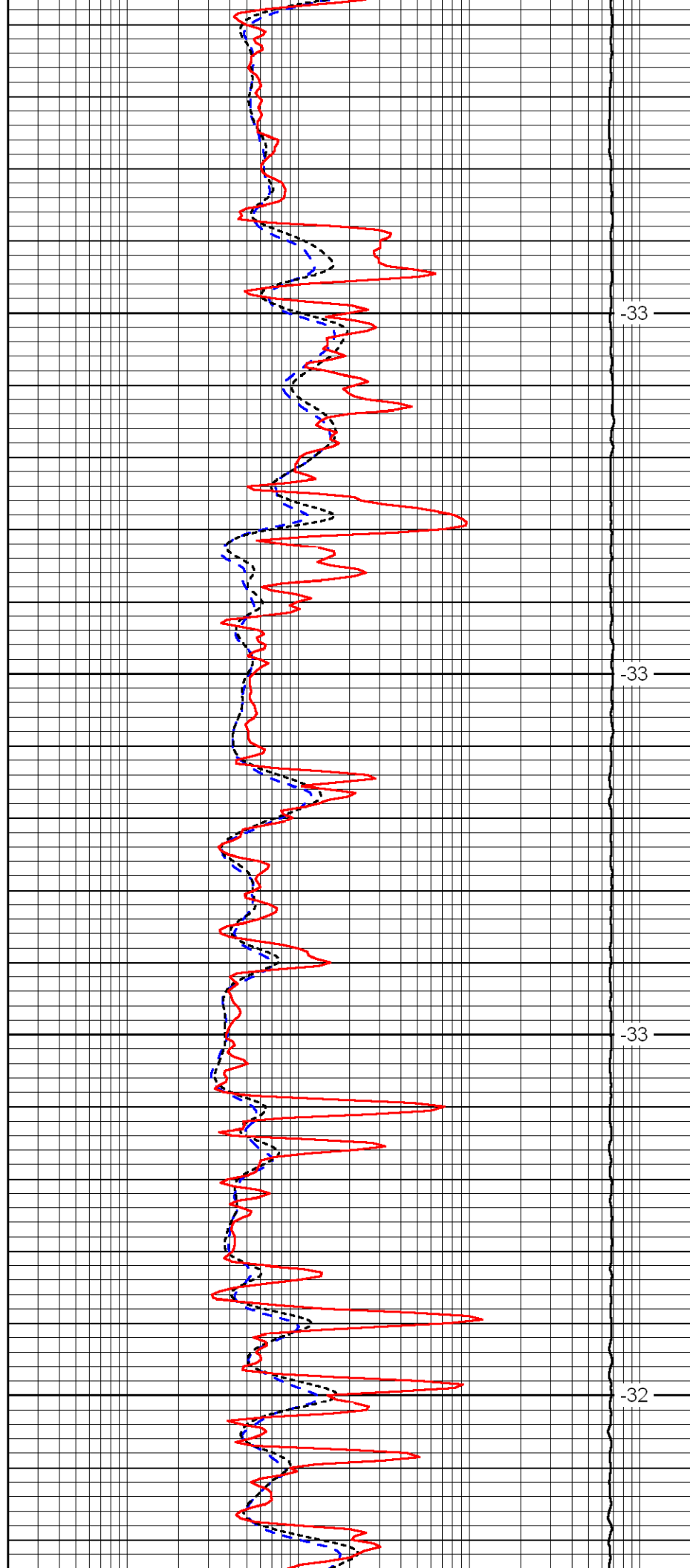


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3800

3850

3900

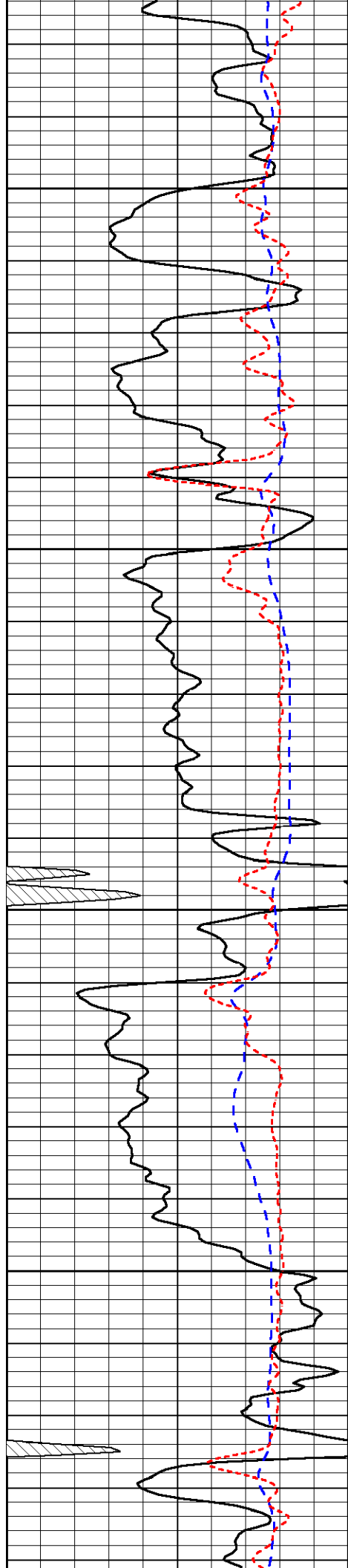


-33

-33

-33

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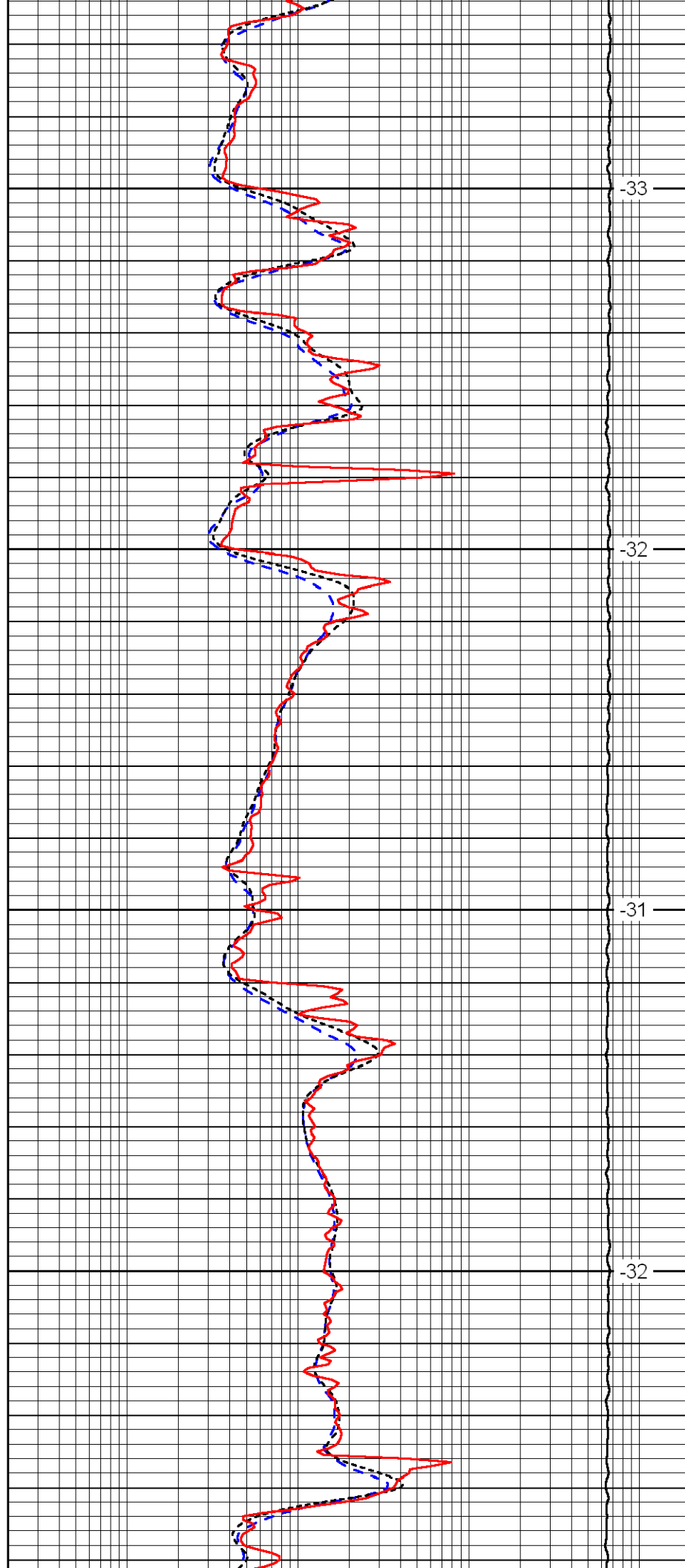


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4000

4050

4100

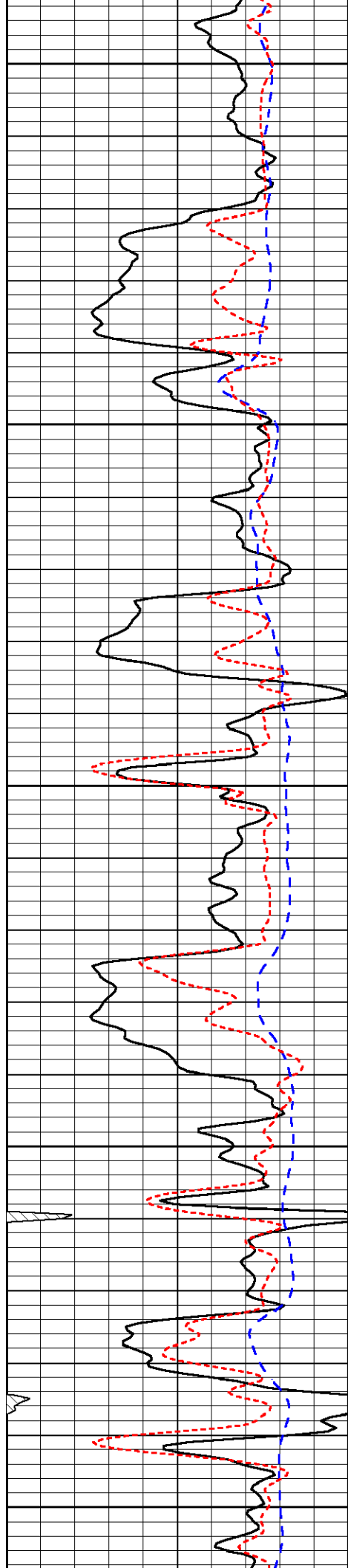


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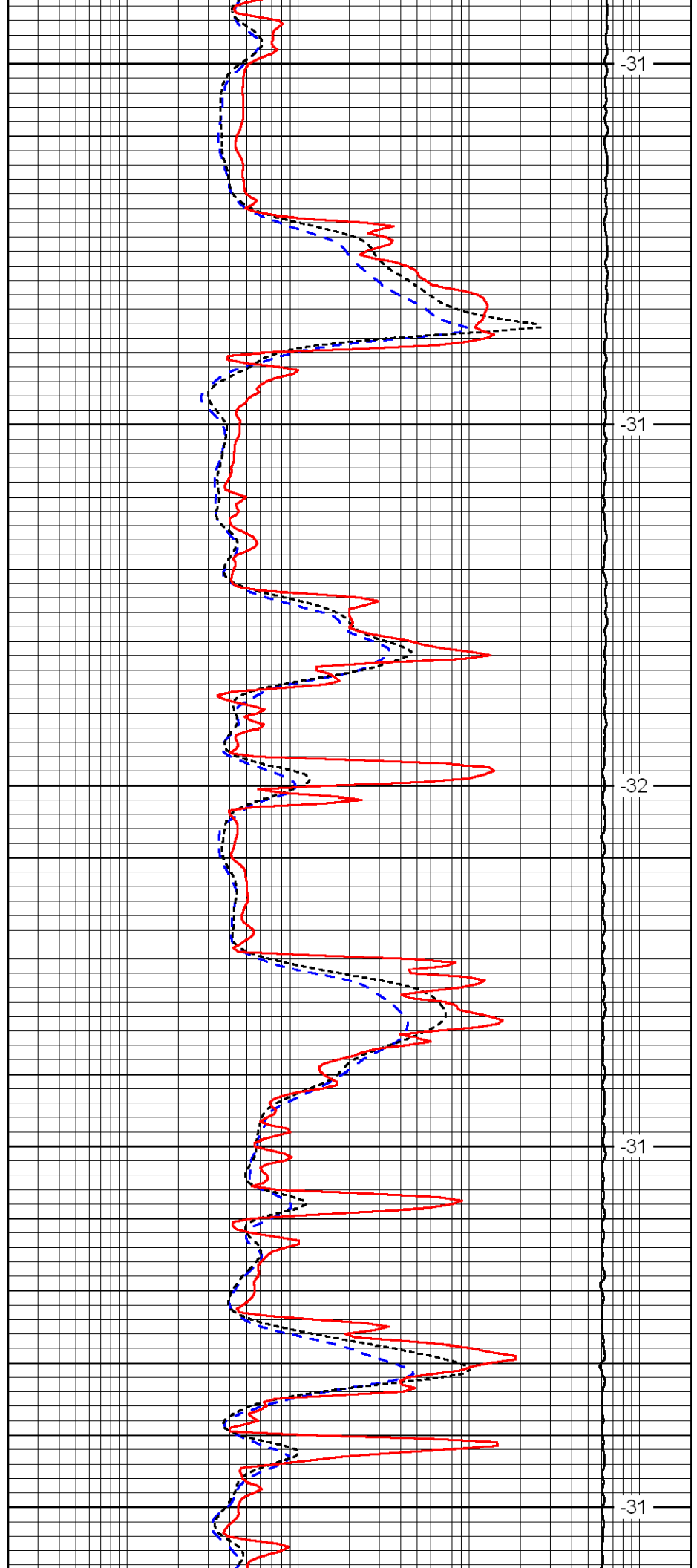
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4300

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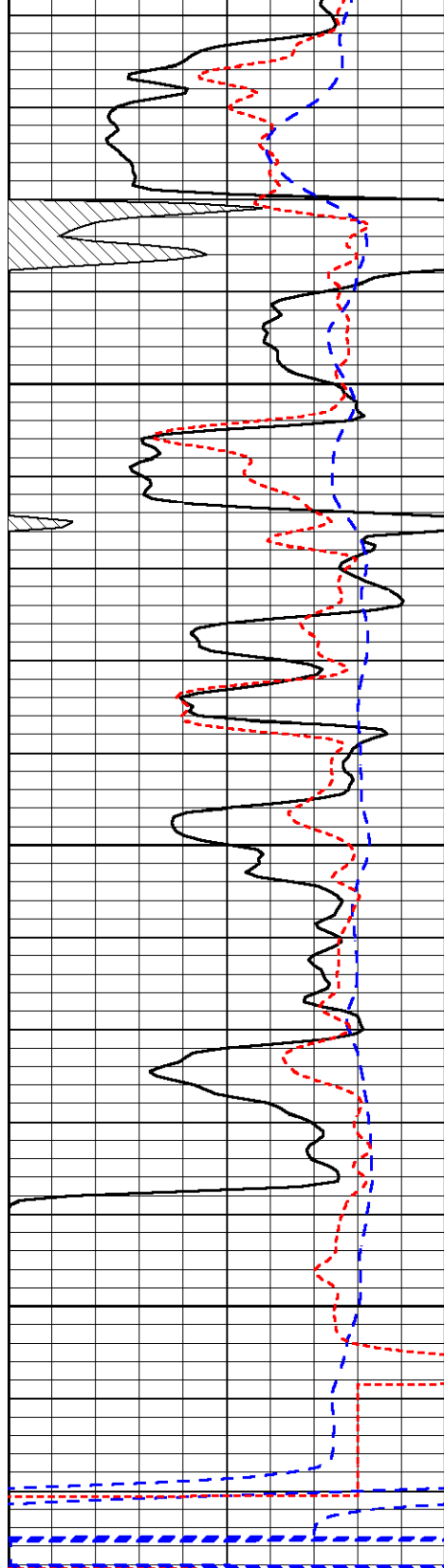
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-31

-32

-31

-31

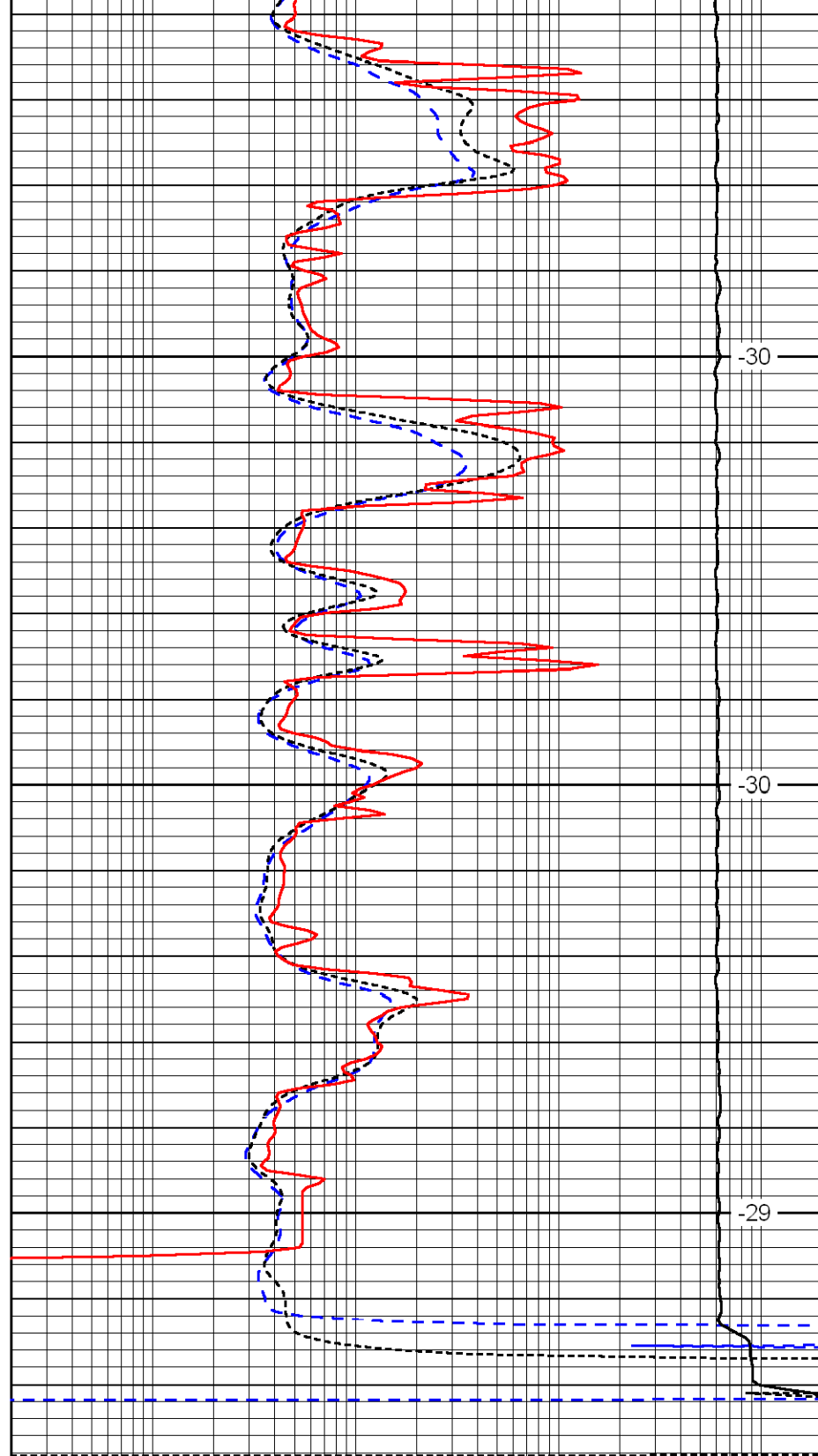


0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

4400

4450

4500



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
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LSPD
(ft/min)