



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-039-21,114-00-00	
Company	Murfin Drilling Company, Inc.	
Well	Krizek No. 1-28	
Field	Wildcat	
County	Decatur	State Kansas
Location	1680' FSL & 1280' FEL	
Sec: 28	Twp: 3 S	Rge: 27 W
Other Services	CNL/CDL MEL/BHCS	

Permanent Datum	Ground Level	Elevation 2617
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	3/30/2010	

Run Number	One
Depth Driller	3830
Depth Logger	3834
Bottom Logged Interval	3833
Top Log Interval	0
Casing Driller	8.625 @ 218
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3.700
Density / Viscosity	9.3 57
pH / Fluid Loss	10.5 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	.85 @ 60
Rmf @ Meas. Temp	.64 @ 60
Rmc @ Meas. Temp	.15 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	.44 @ 116
Operating Rig Time	4 Hours
Max Rec. Temp. F	116
Equipment Number	4
Location	Hays
Recorded By	K. Bange
Witnessed By	Brad Rine

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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
 Norcatur, 10 W to Kanona rd, 5 S to stop sign,
 2 E, 1/2 N, W into

Database File: c:\warrior\data\murfin_krizek no. 1-28\murfhd.db
 Dataset Pathname: dil/murf2in
 Presentation Format: dil2in
 Dataset Creation: Tue Mar 30 11:45:38 2010
 Charted by: Depth in Feet scaled 1:600

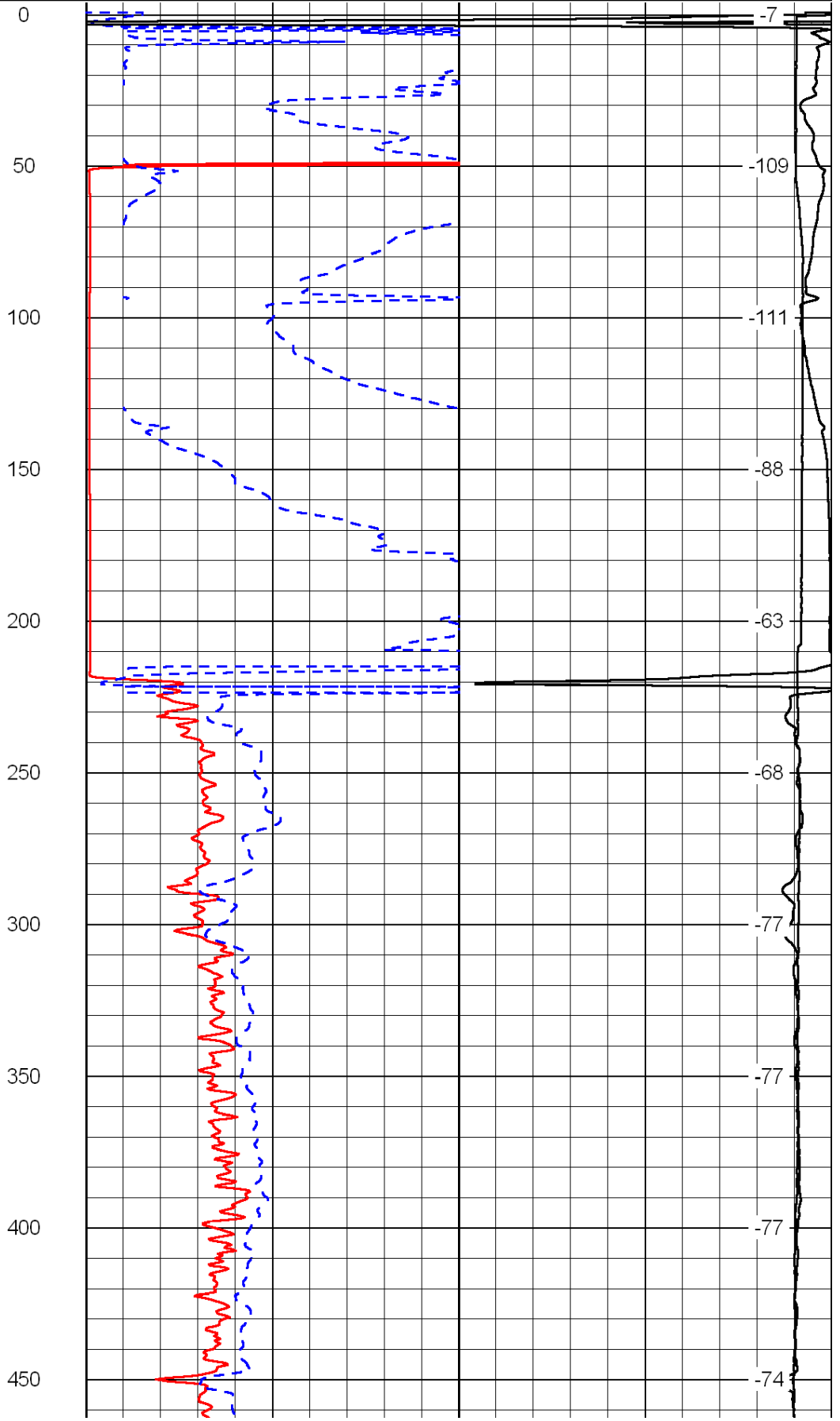
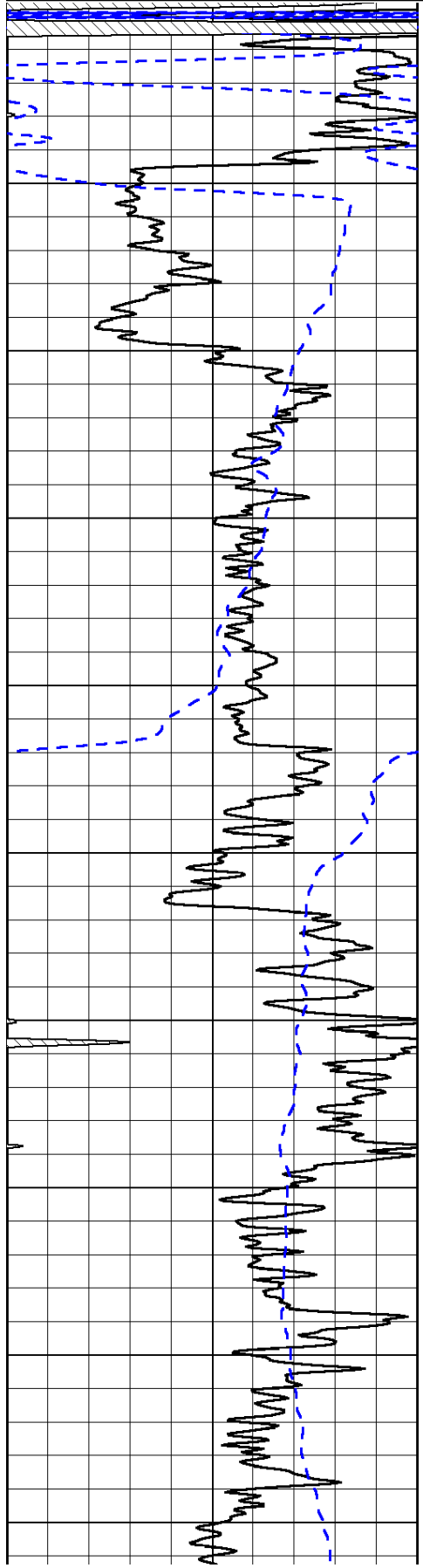
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-200	SP (mV)	0

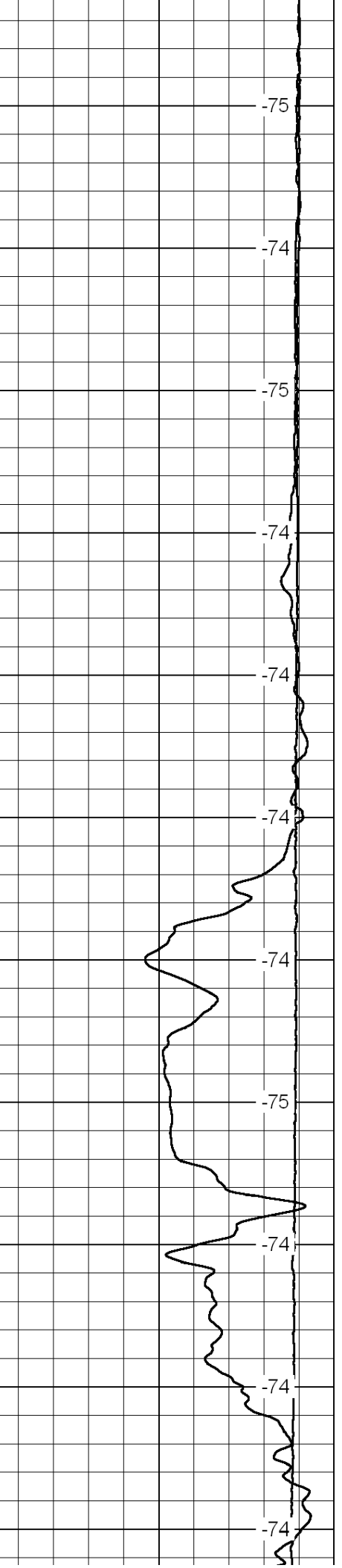
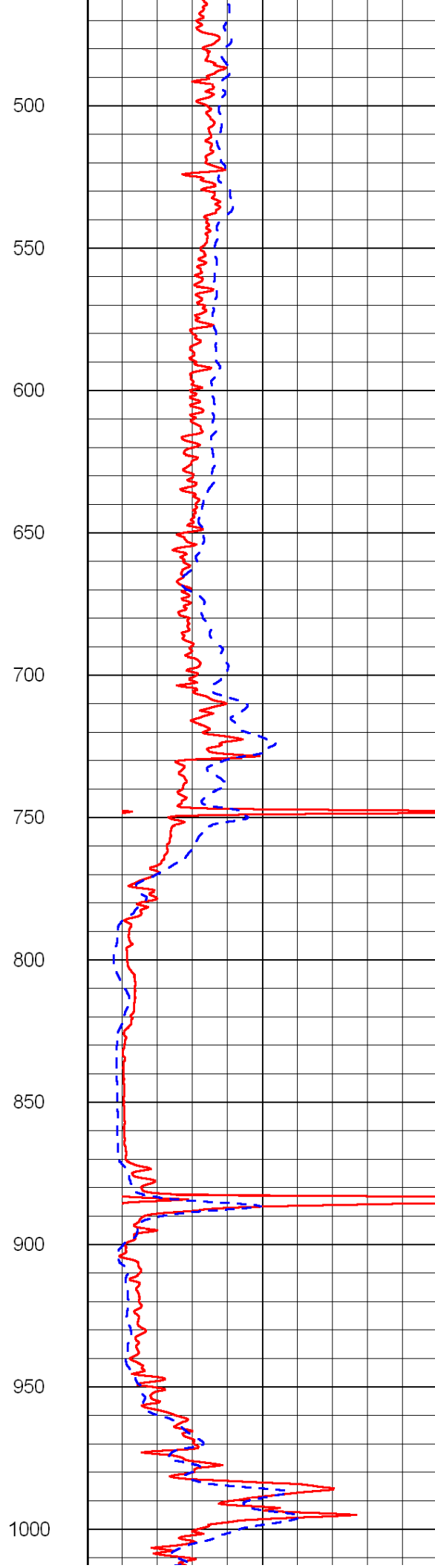
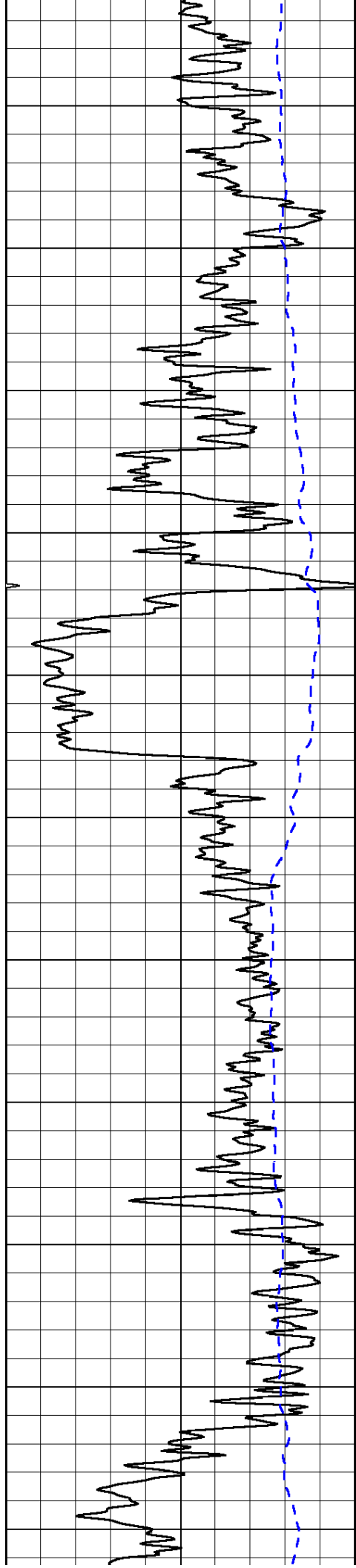
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0	Deep Resistivity	50

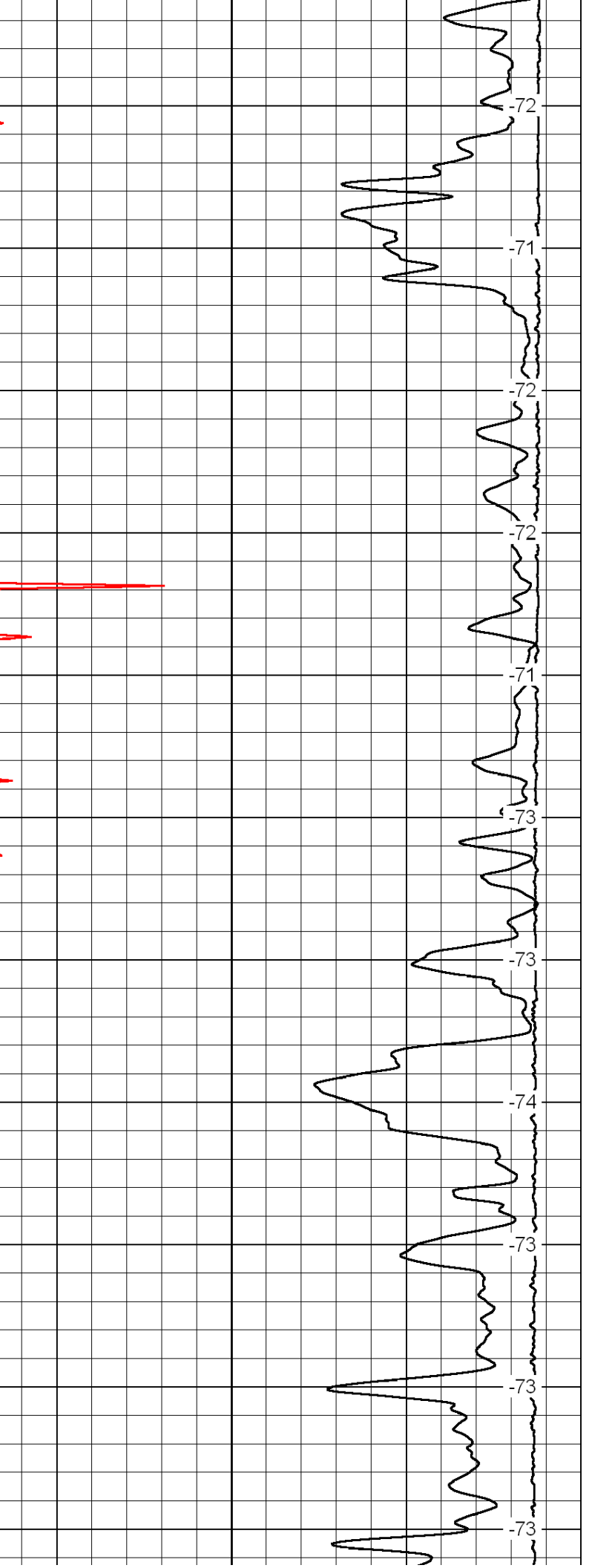
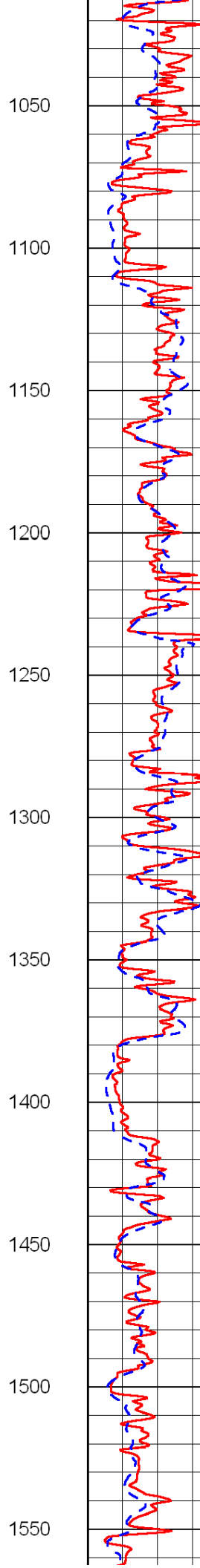
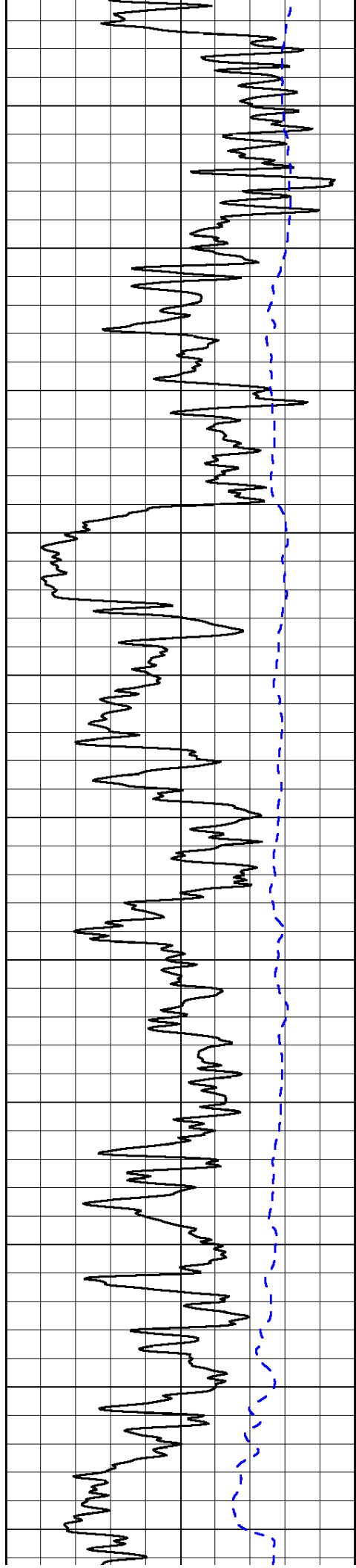
LSPD

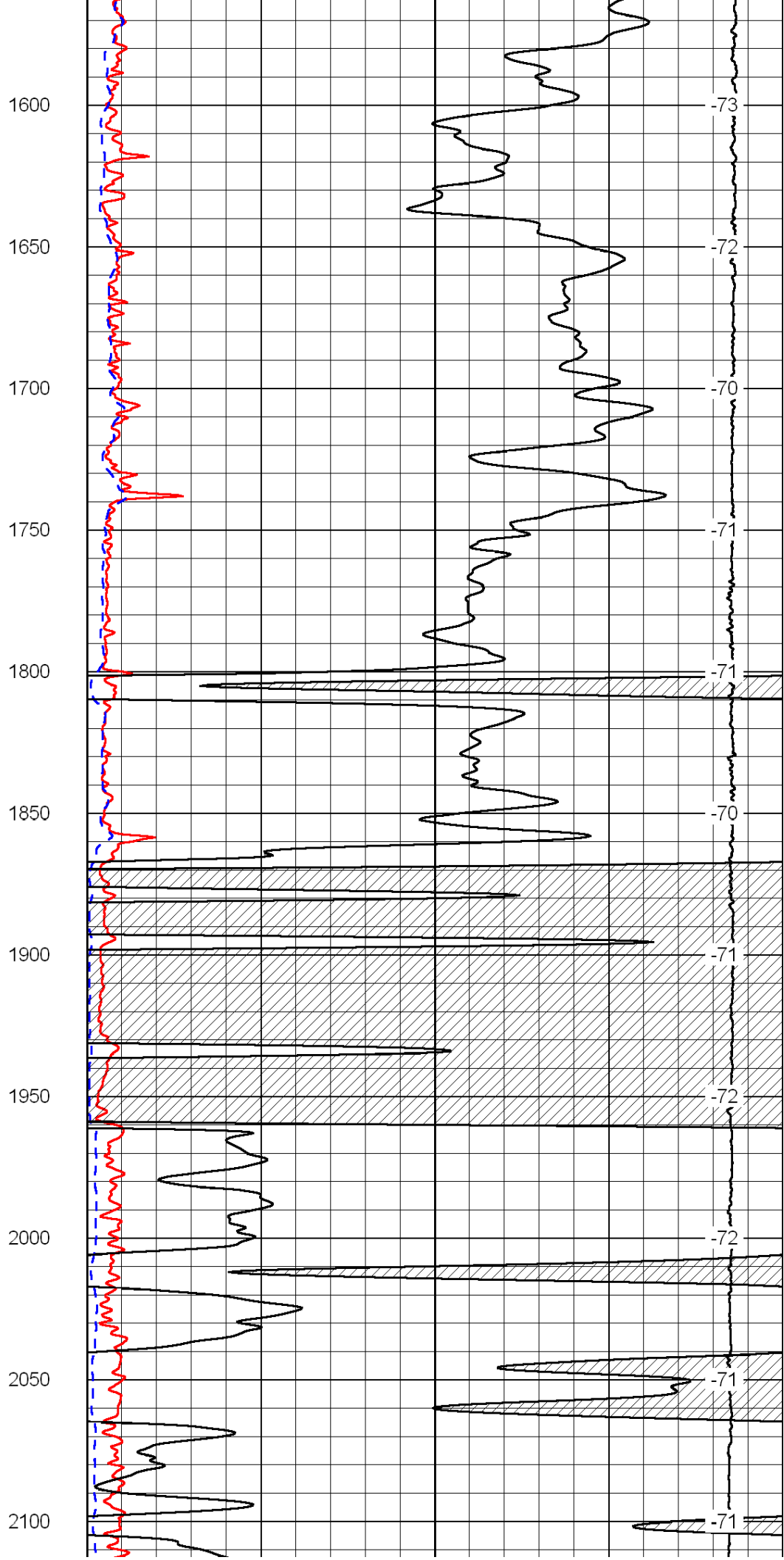
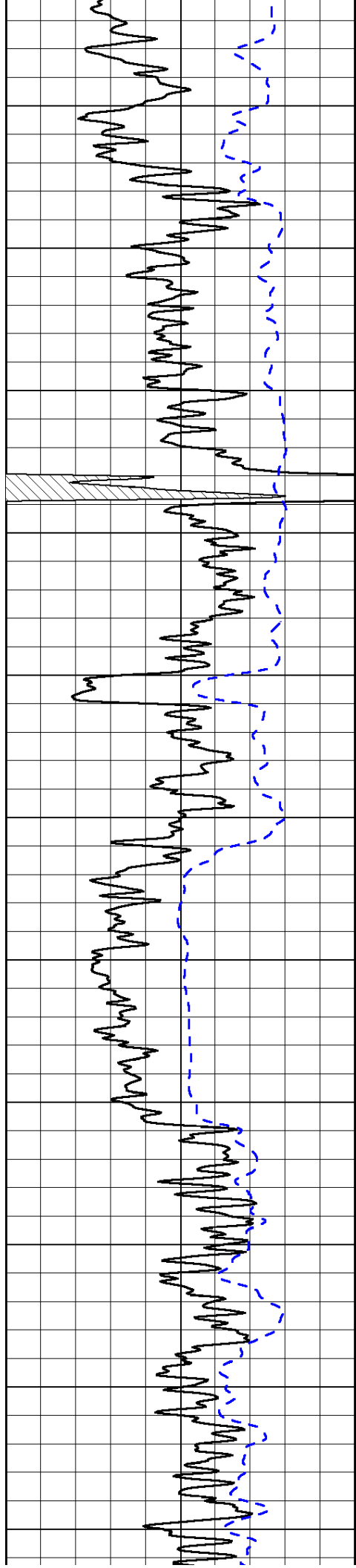
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15000	Line Tension	0

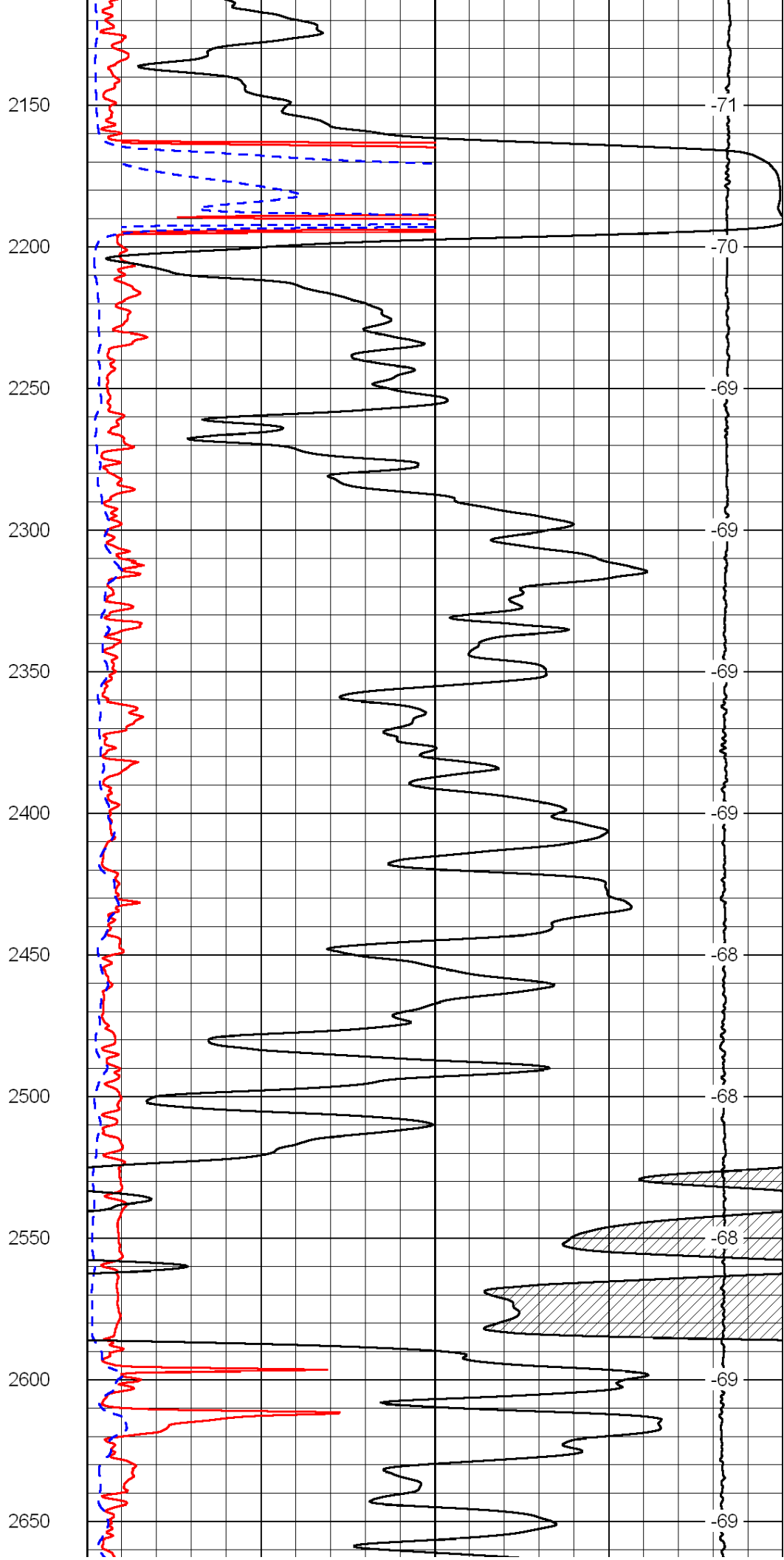
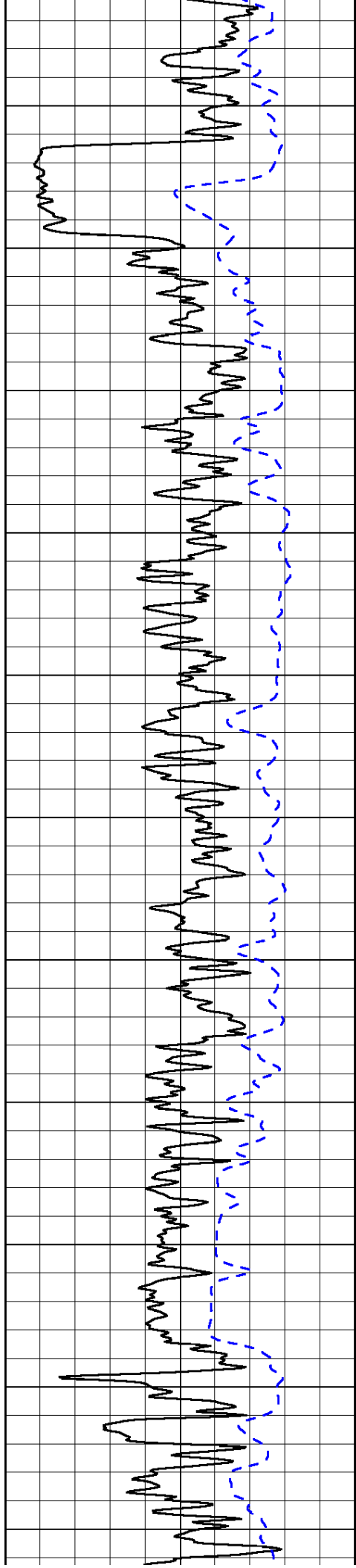
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50	Deep Resistivity	500

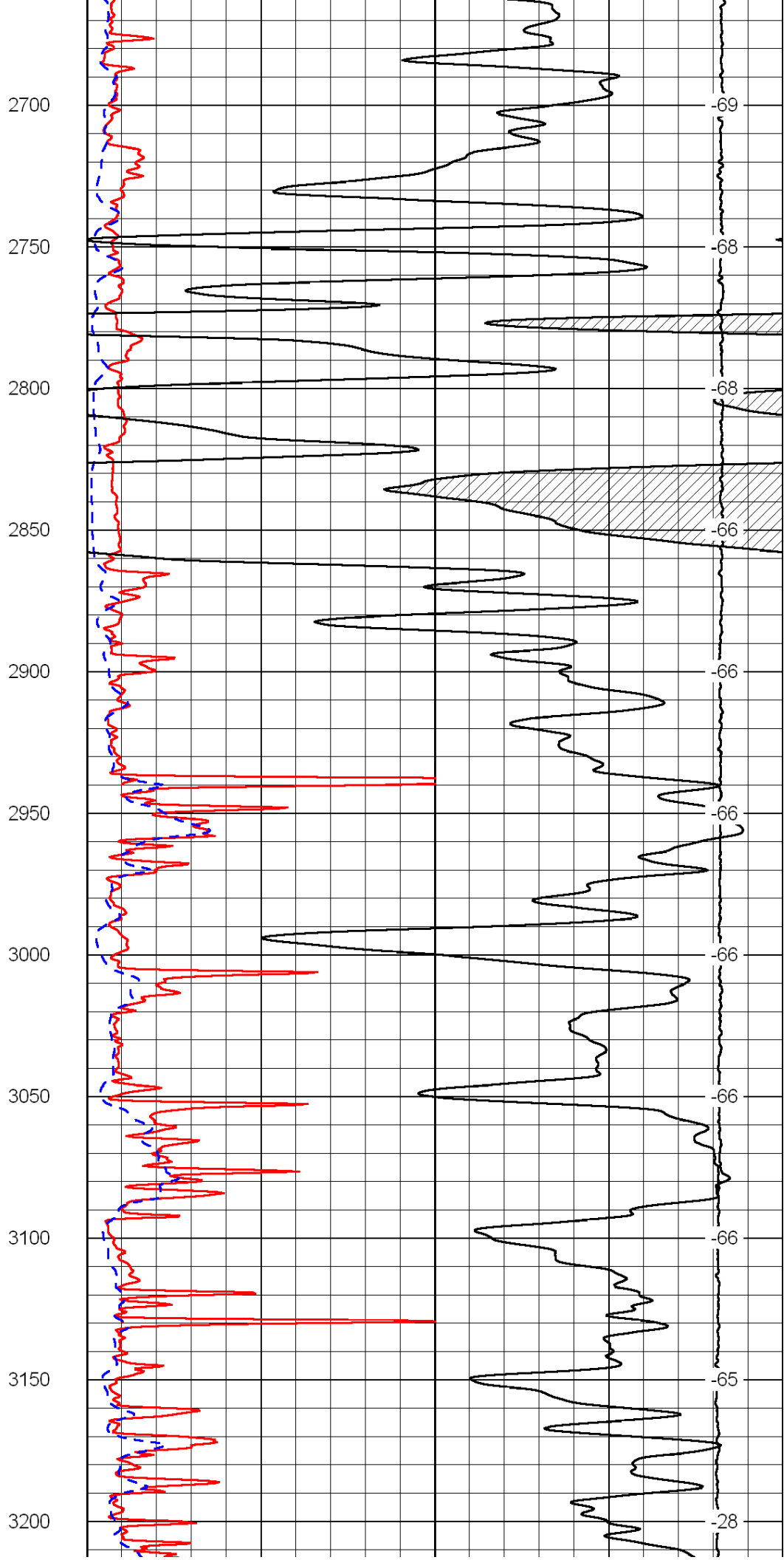
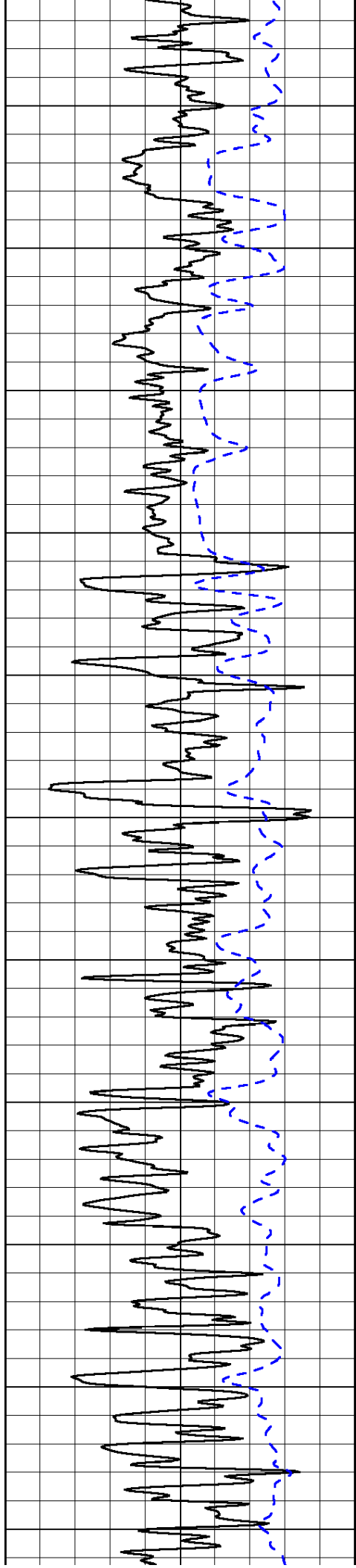


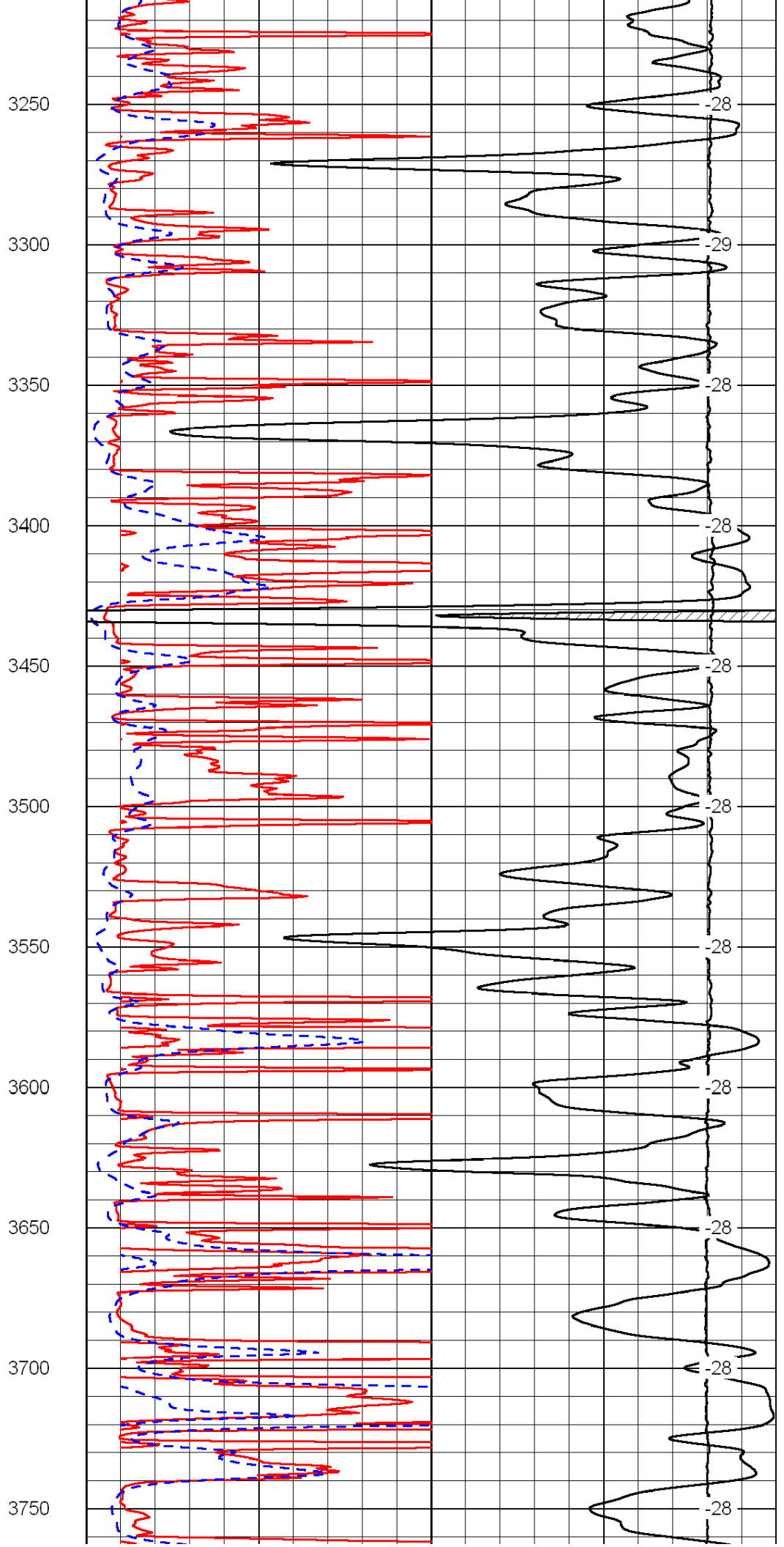
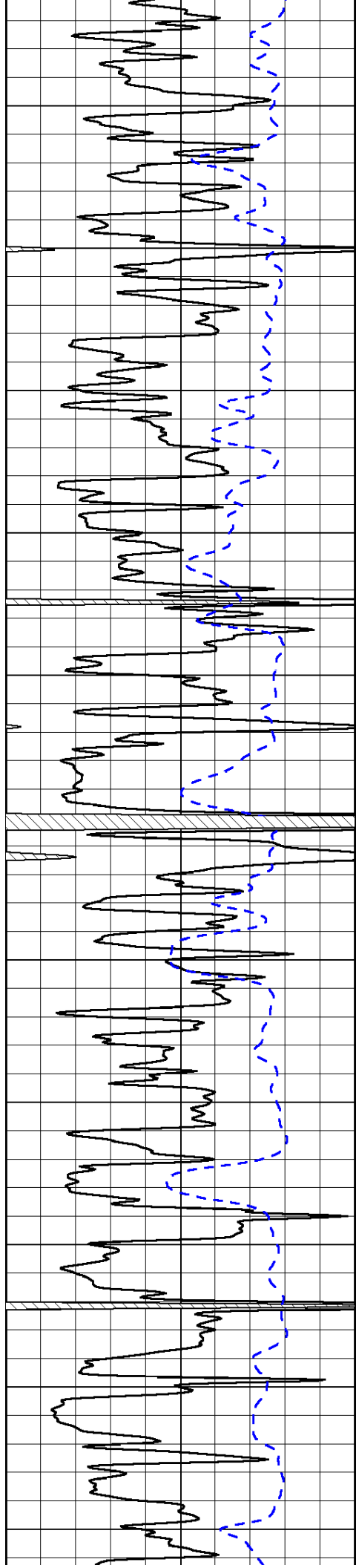


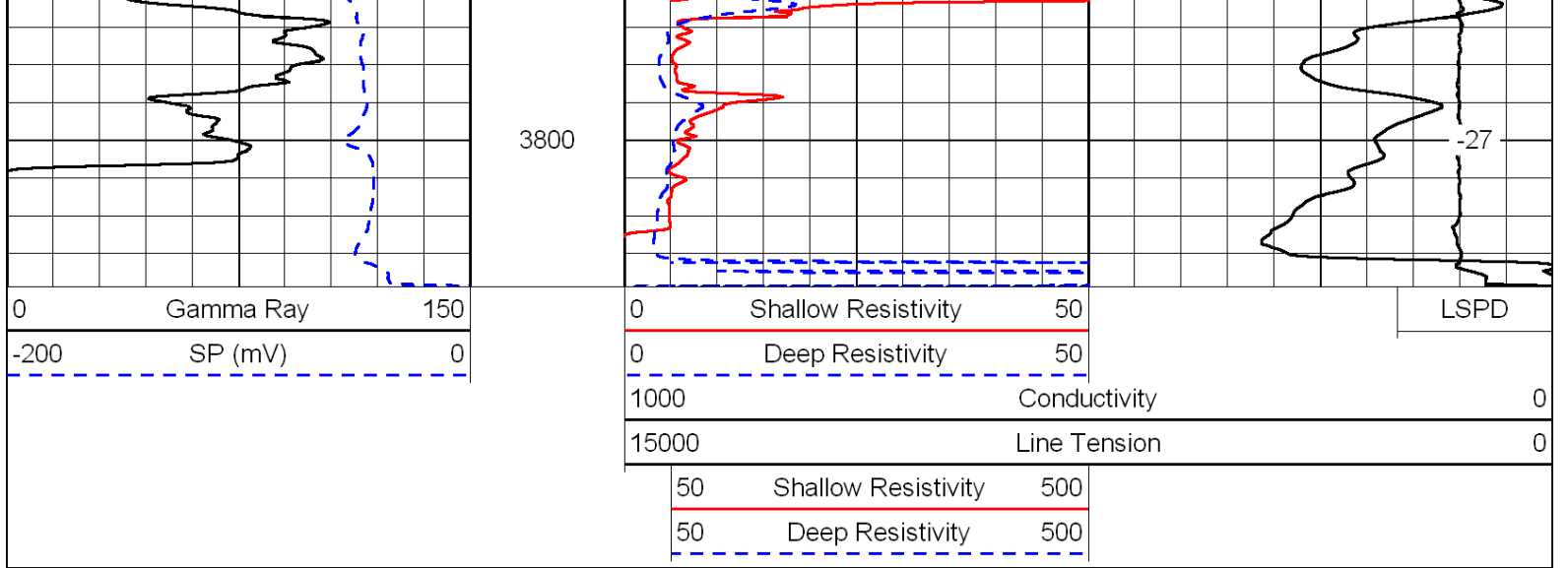




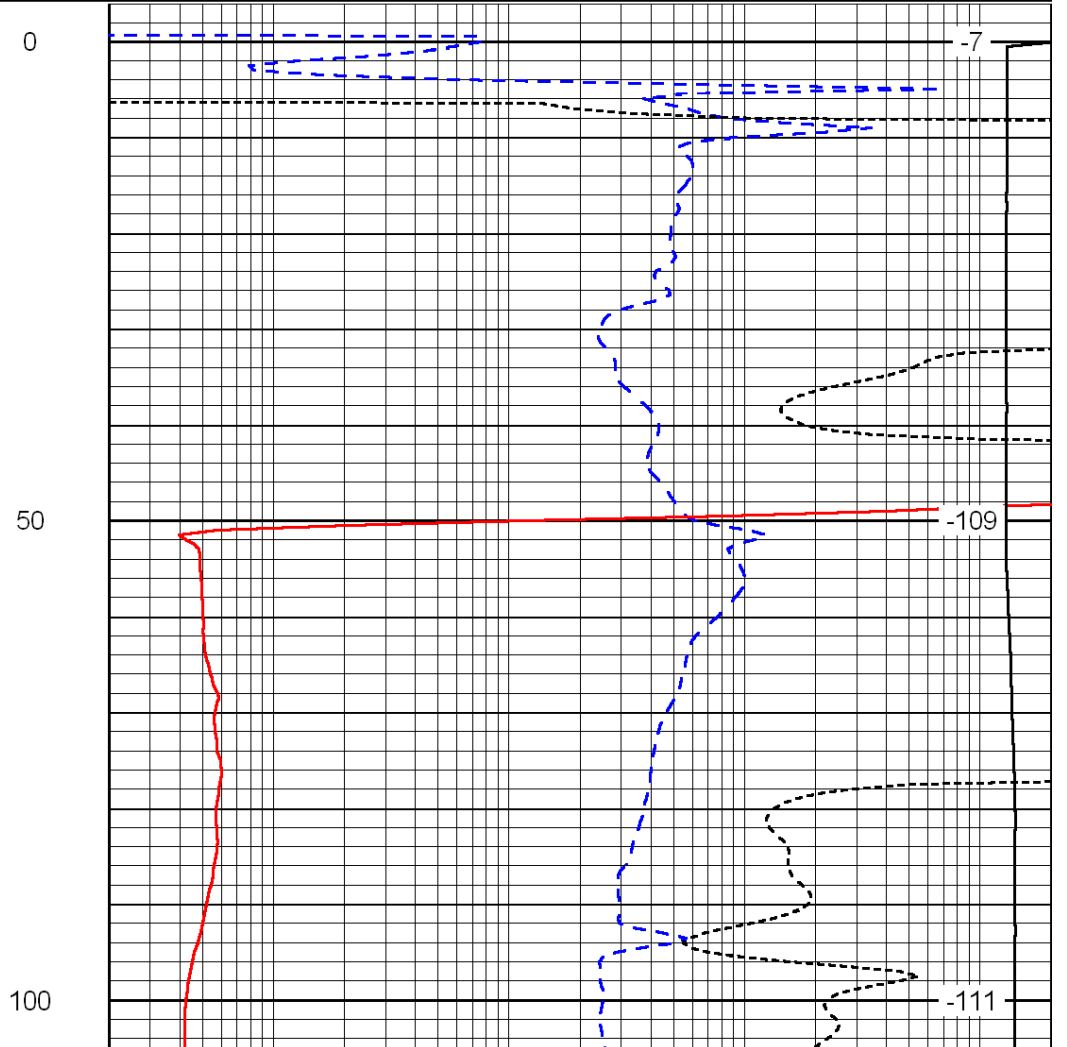
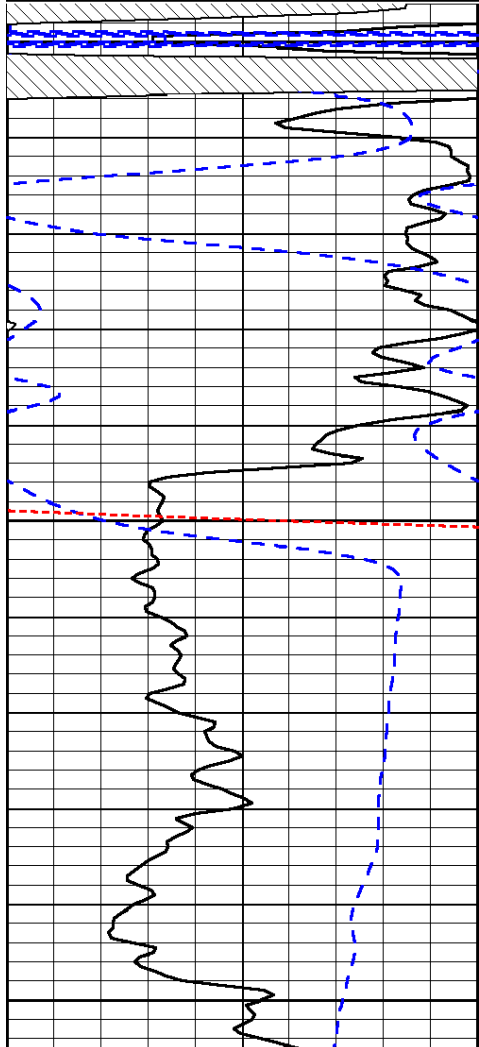
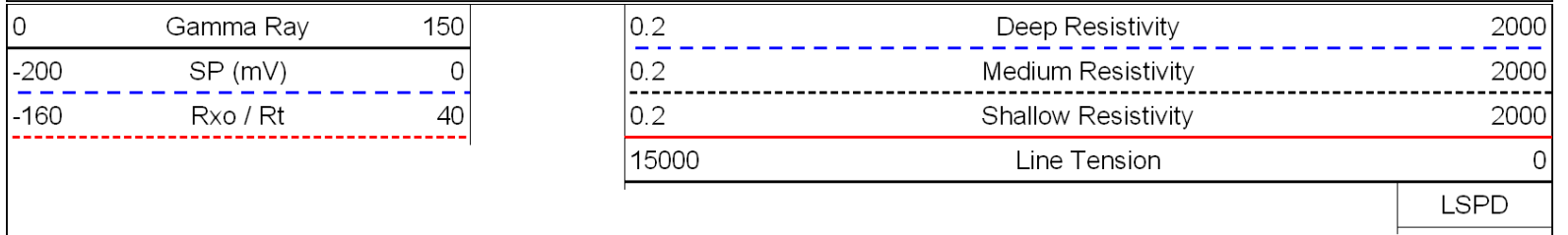


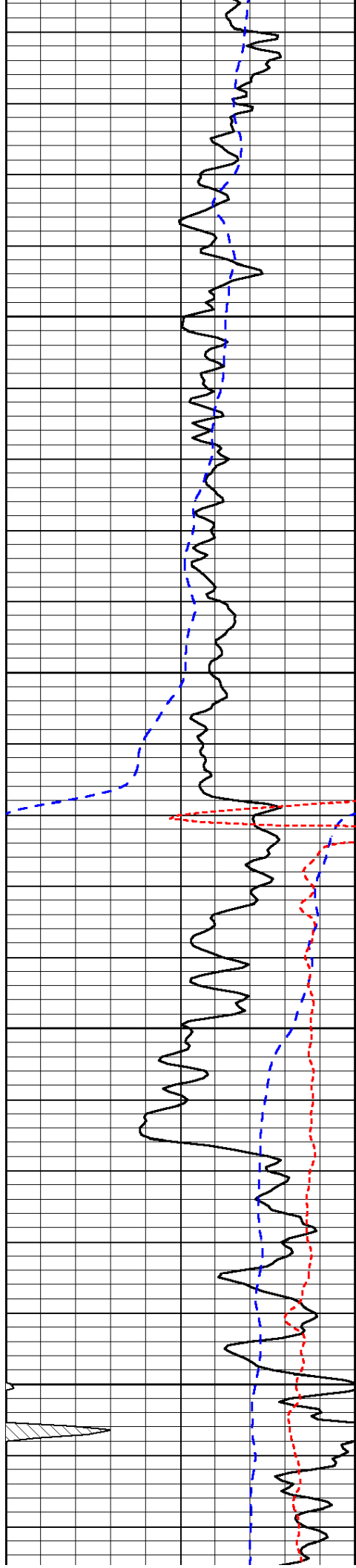






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 Presentation Format: dil
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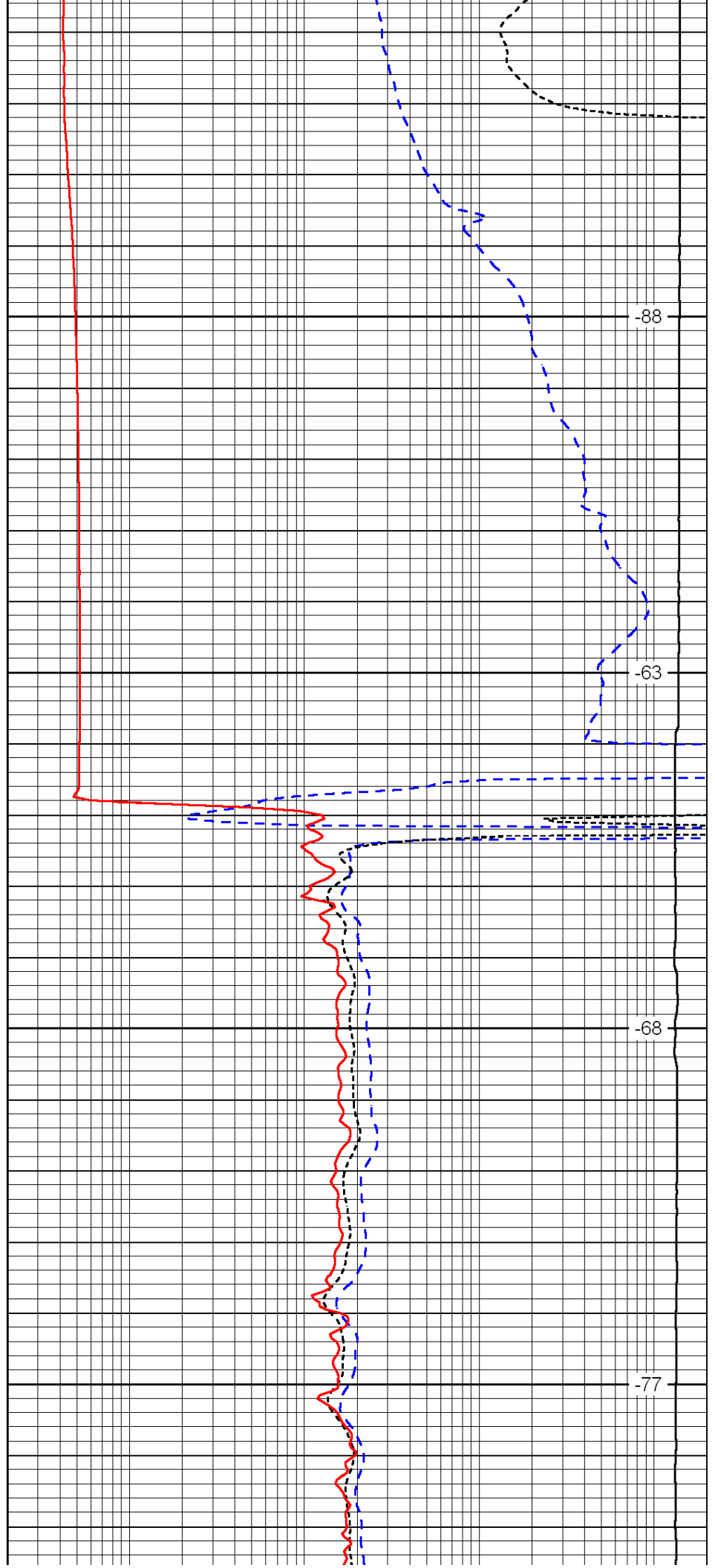


150

200

250

300

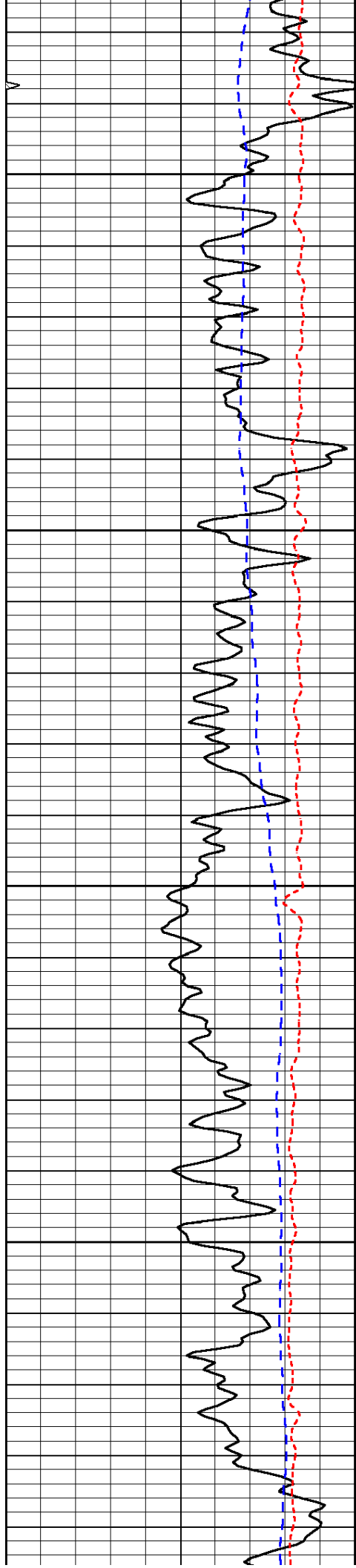


-88

-63

-68

-77

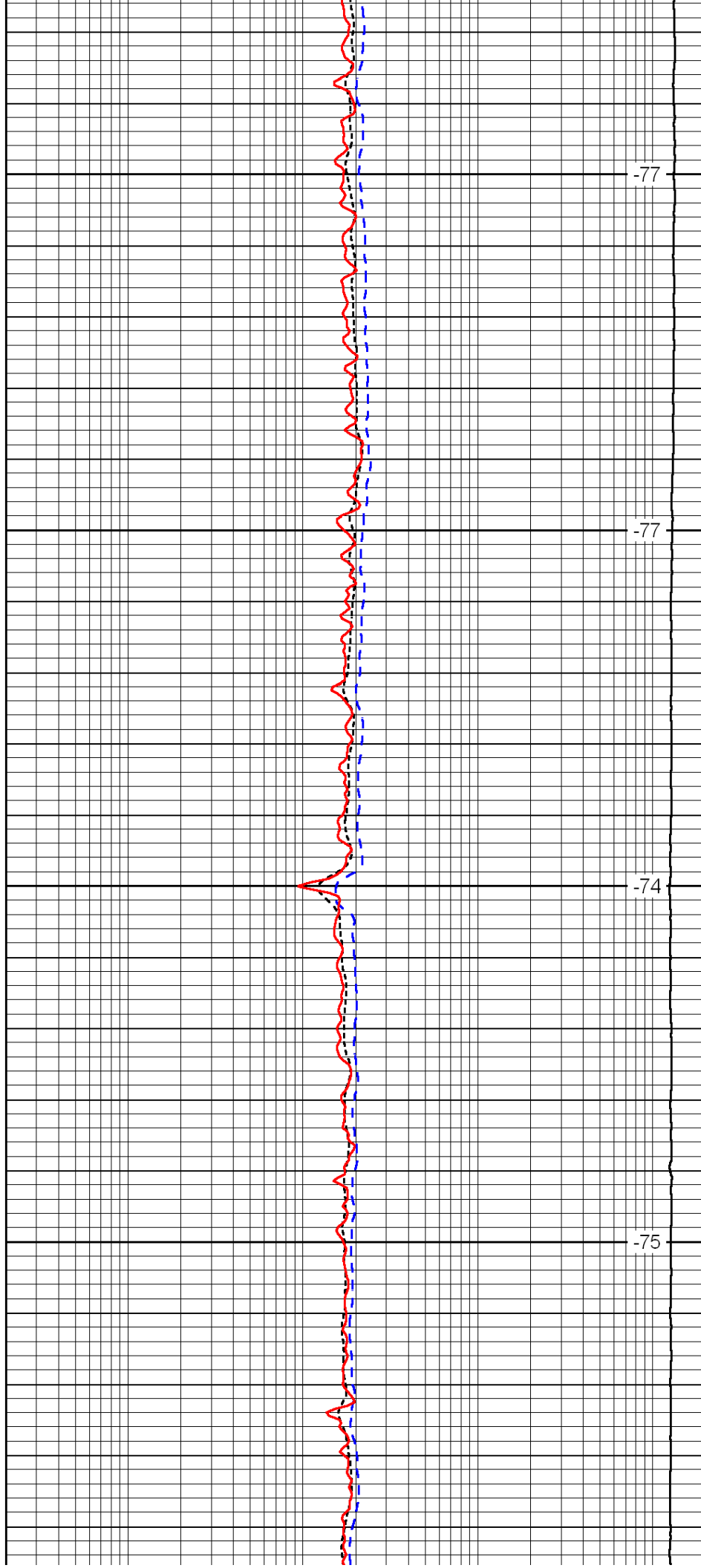


350

400

450

500

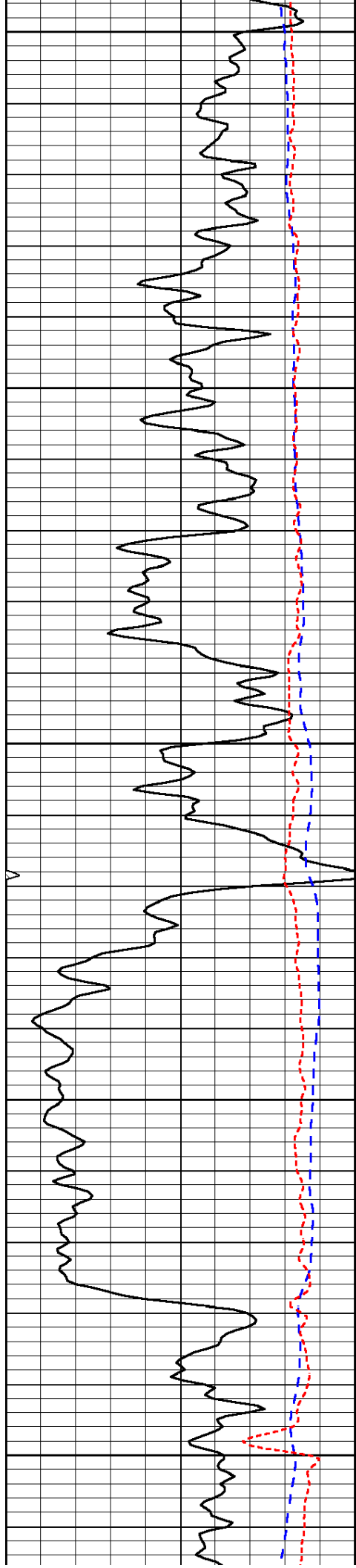


-77

-77

-74

-75



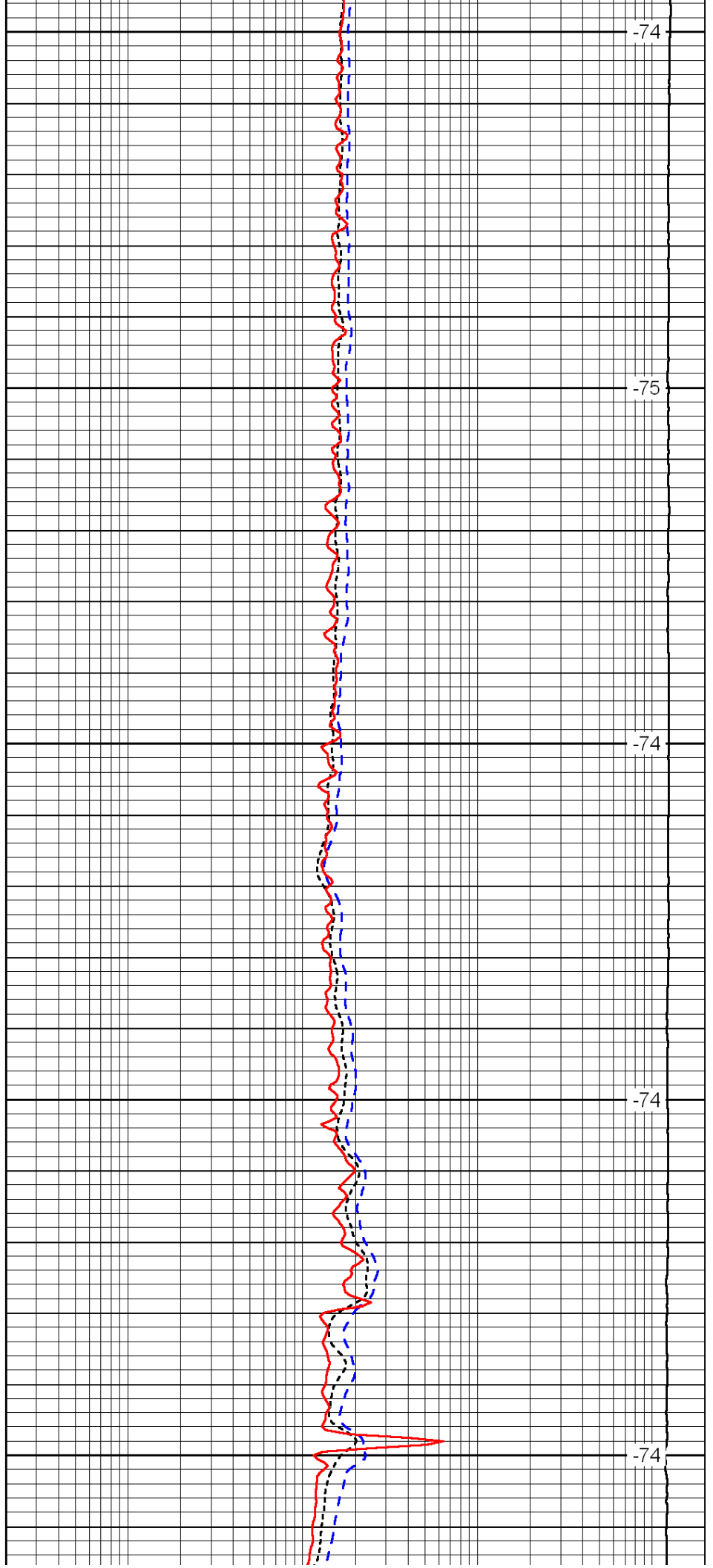
550

600

650

700

750



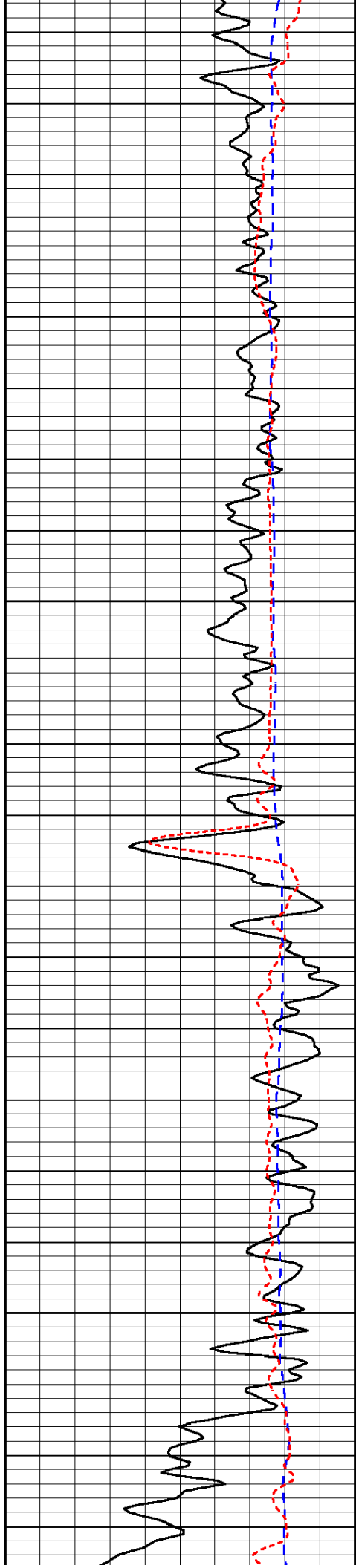
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-75

-74

-74

-74

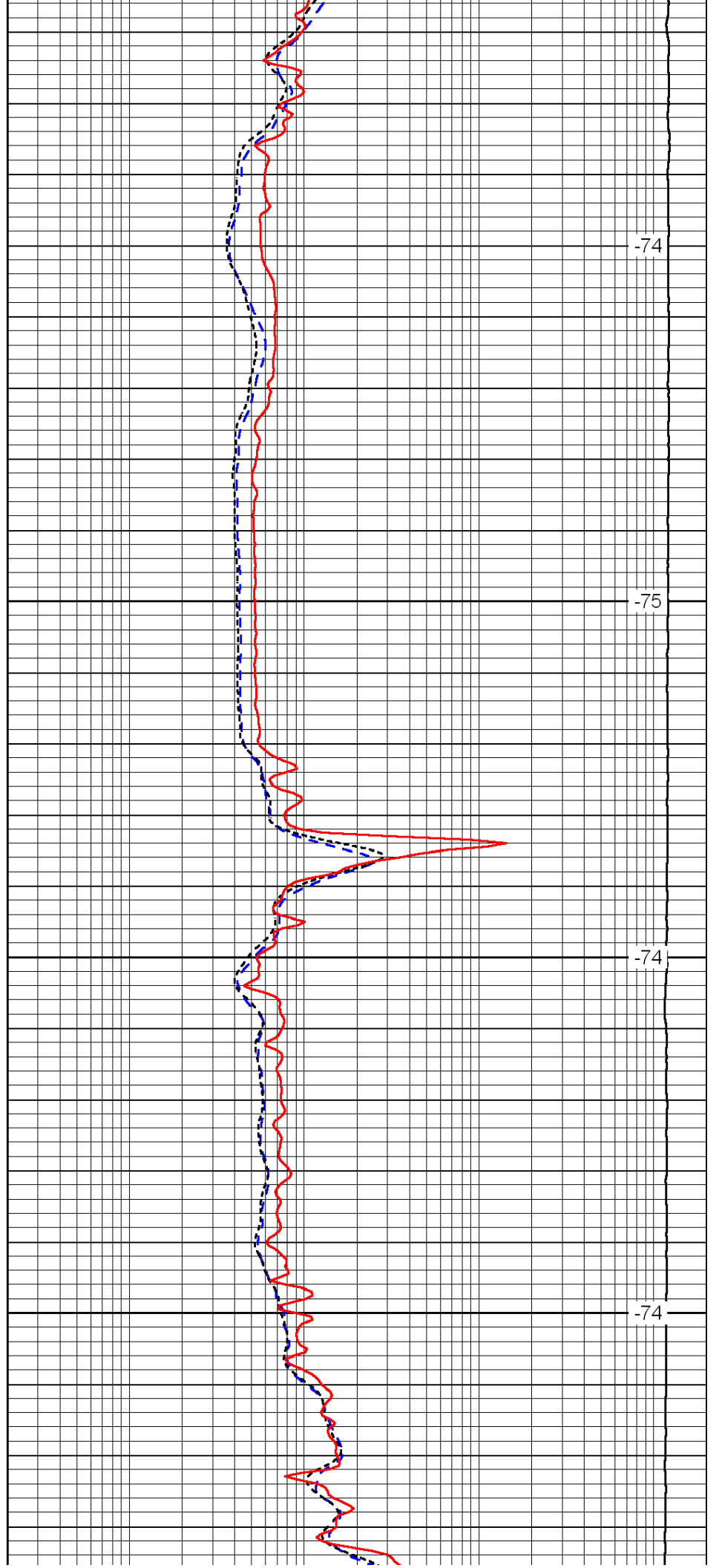


800

850

900

950

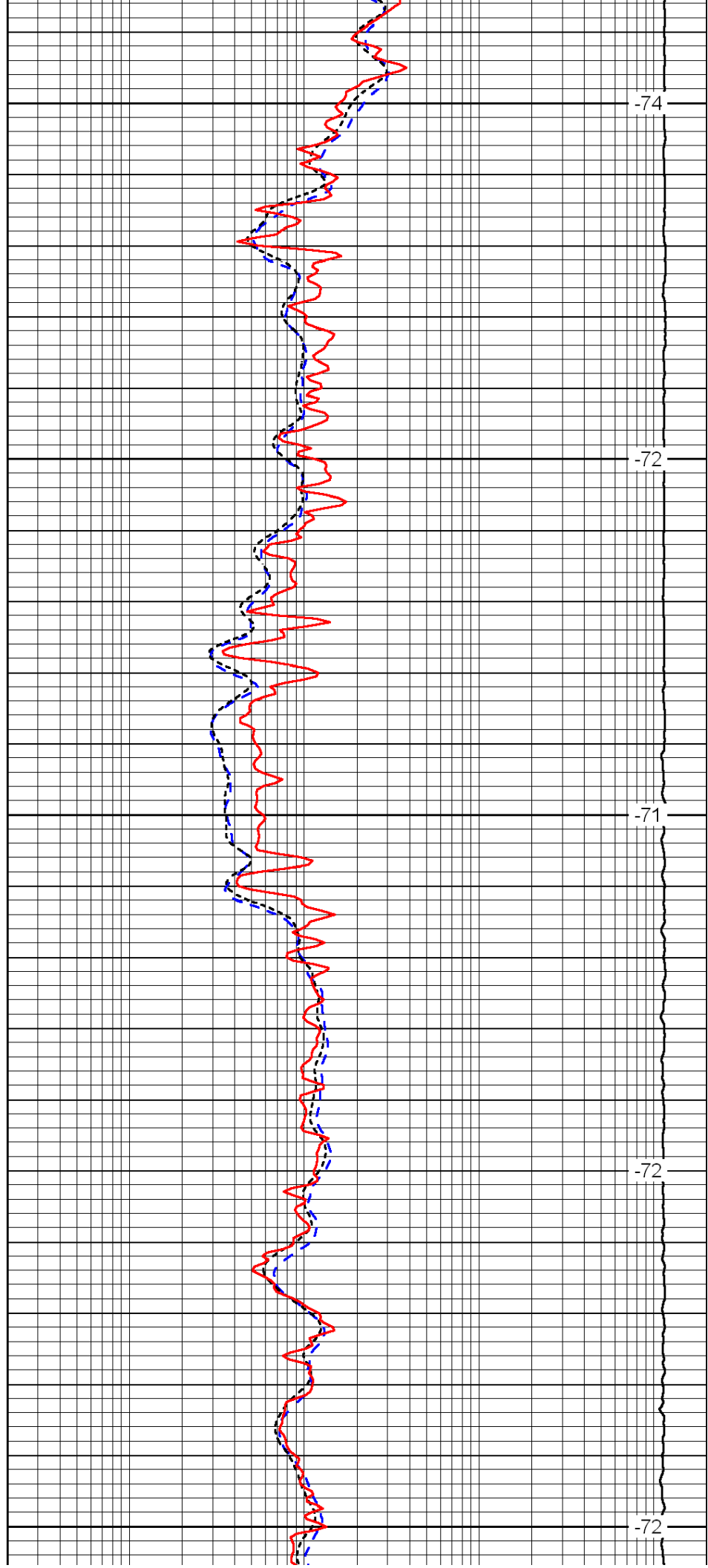
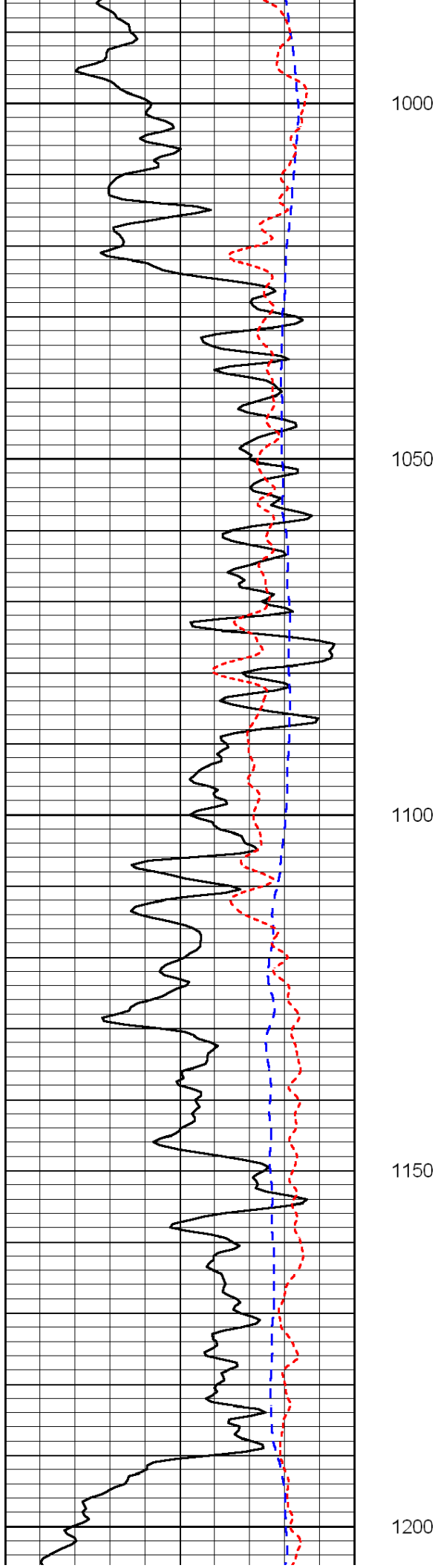


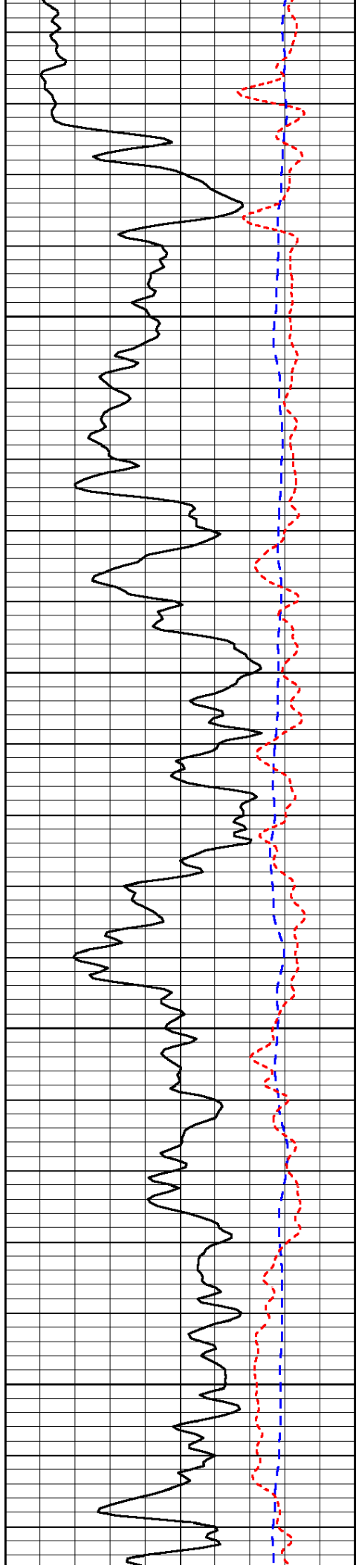
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-75

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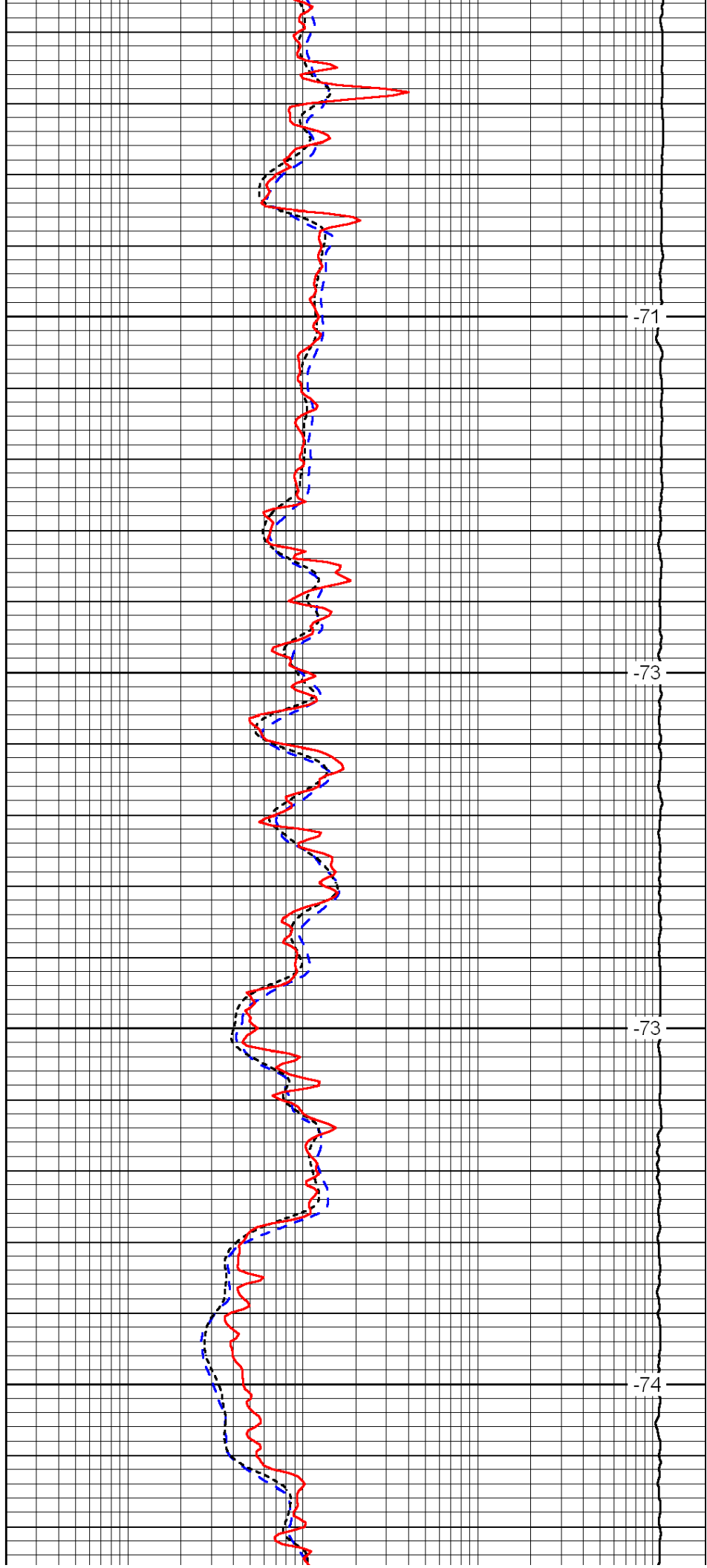


1250

1300

1350

1400

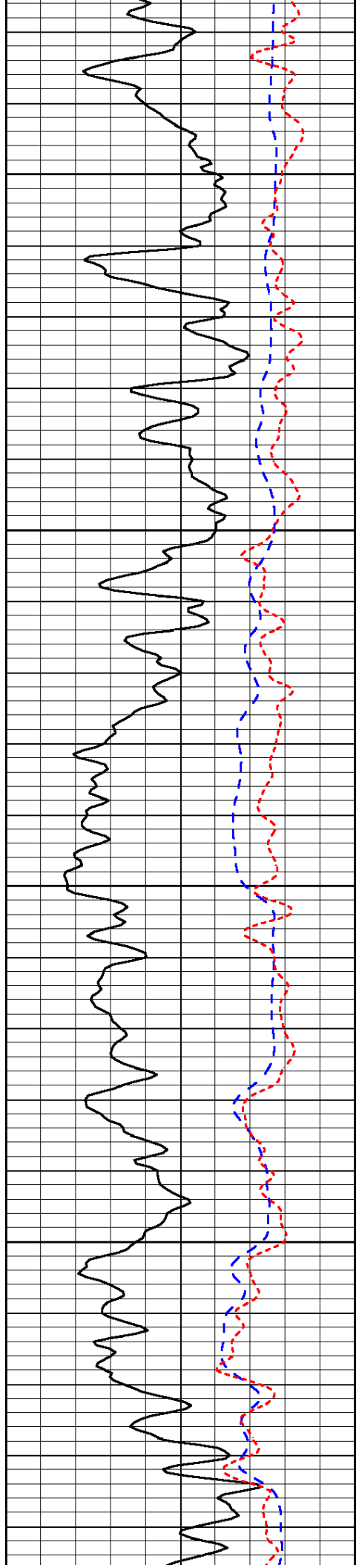


-71

-73

-73

-74

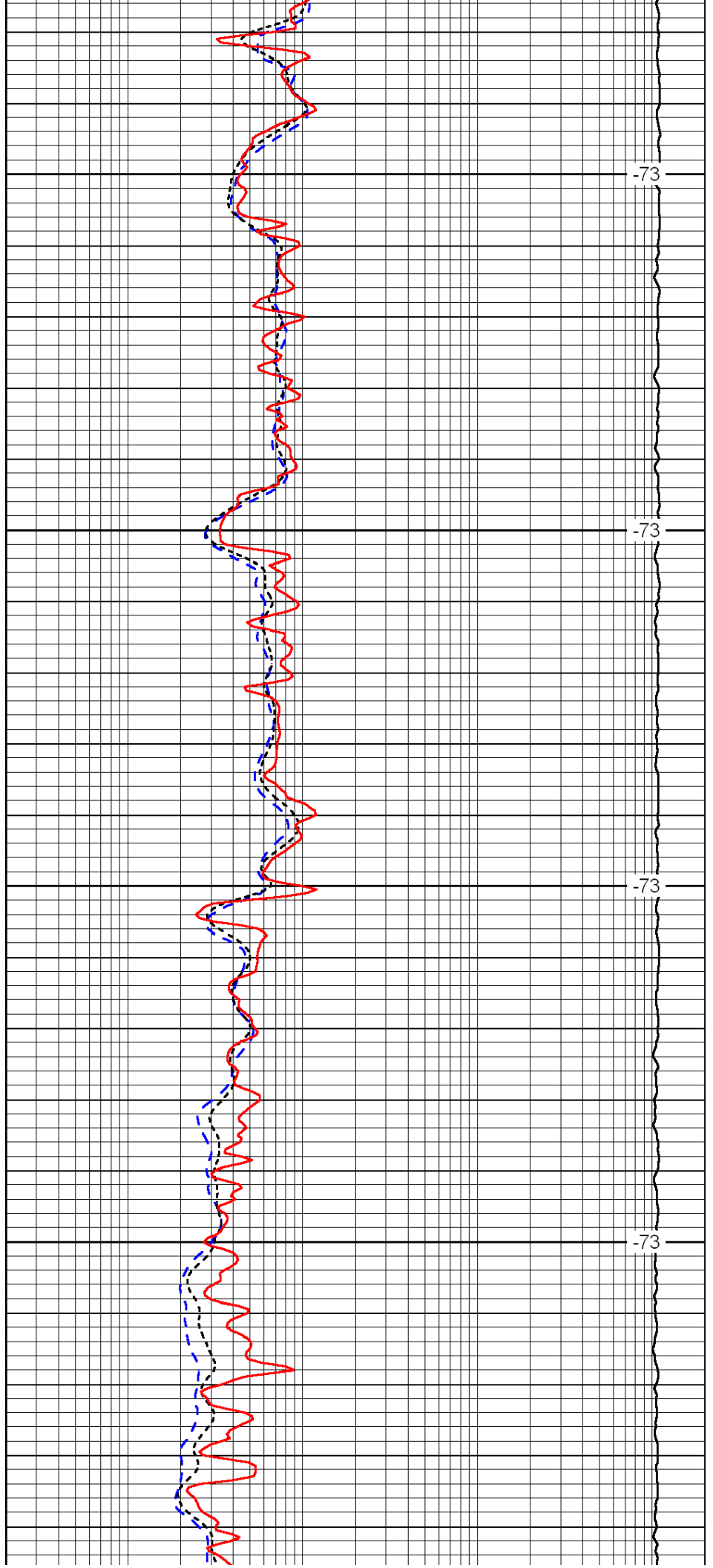


1450

1500

1550

1600

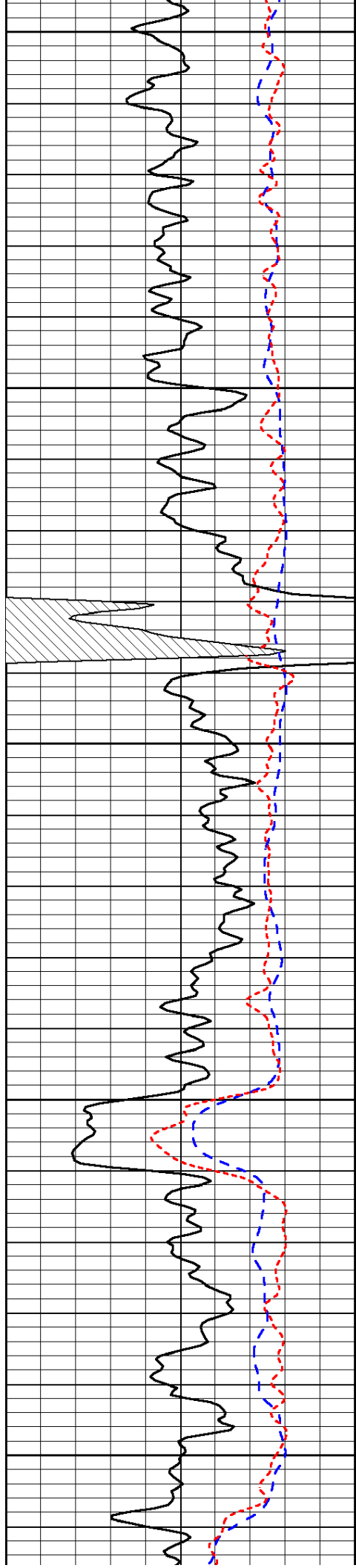


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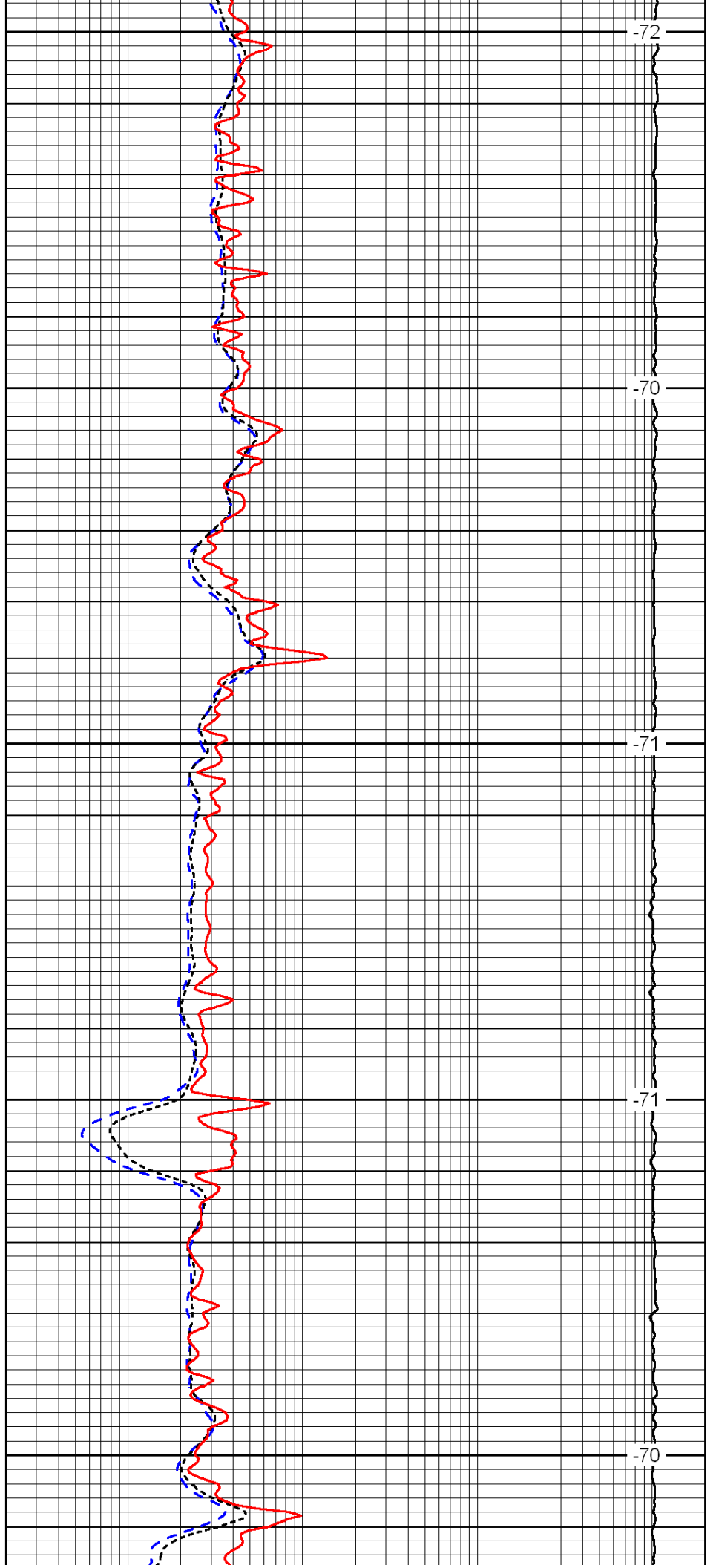
1650

1700

1750

1800

1850



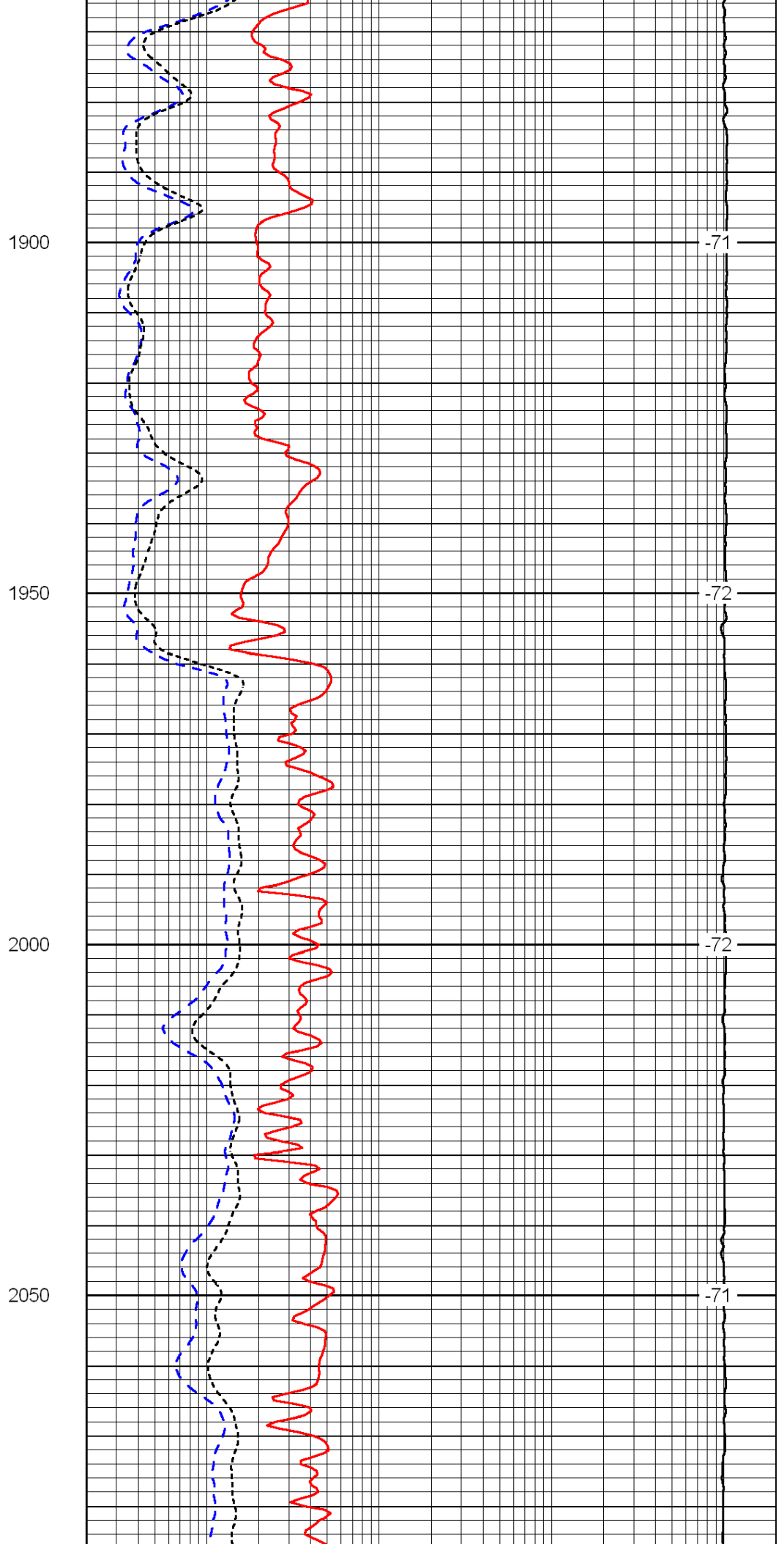
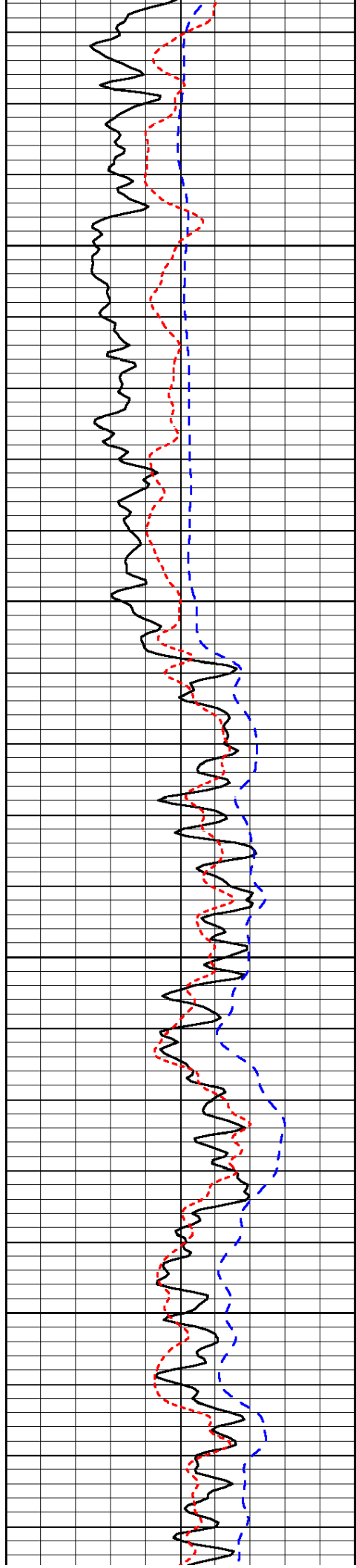
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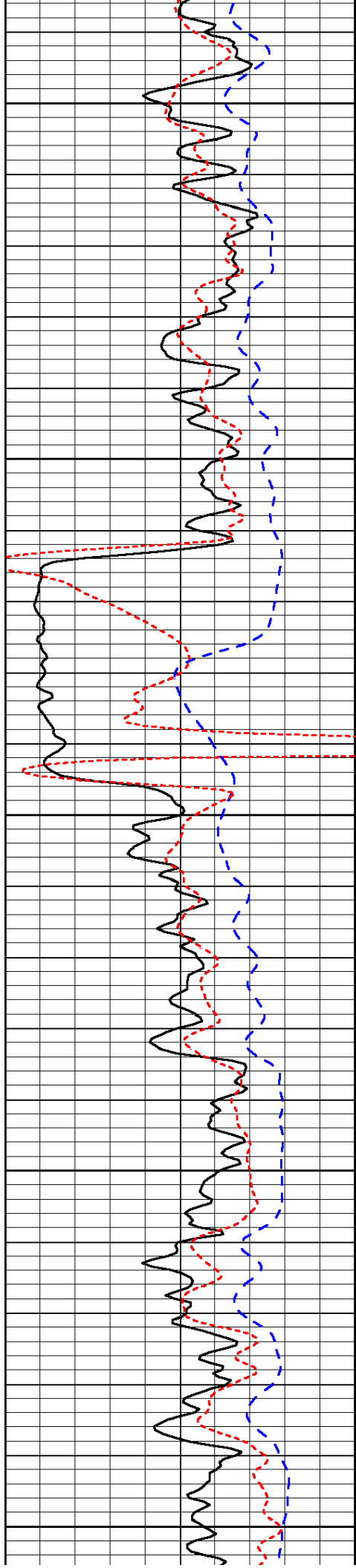
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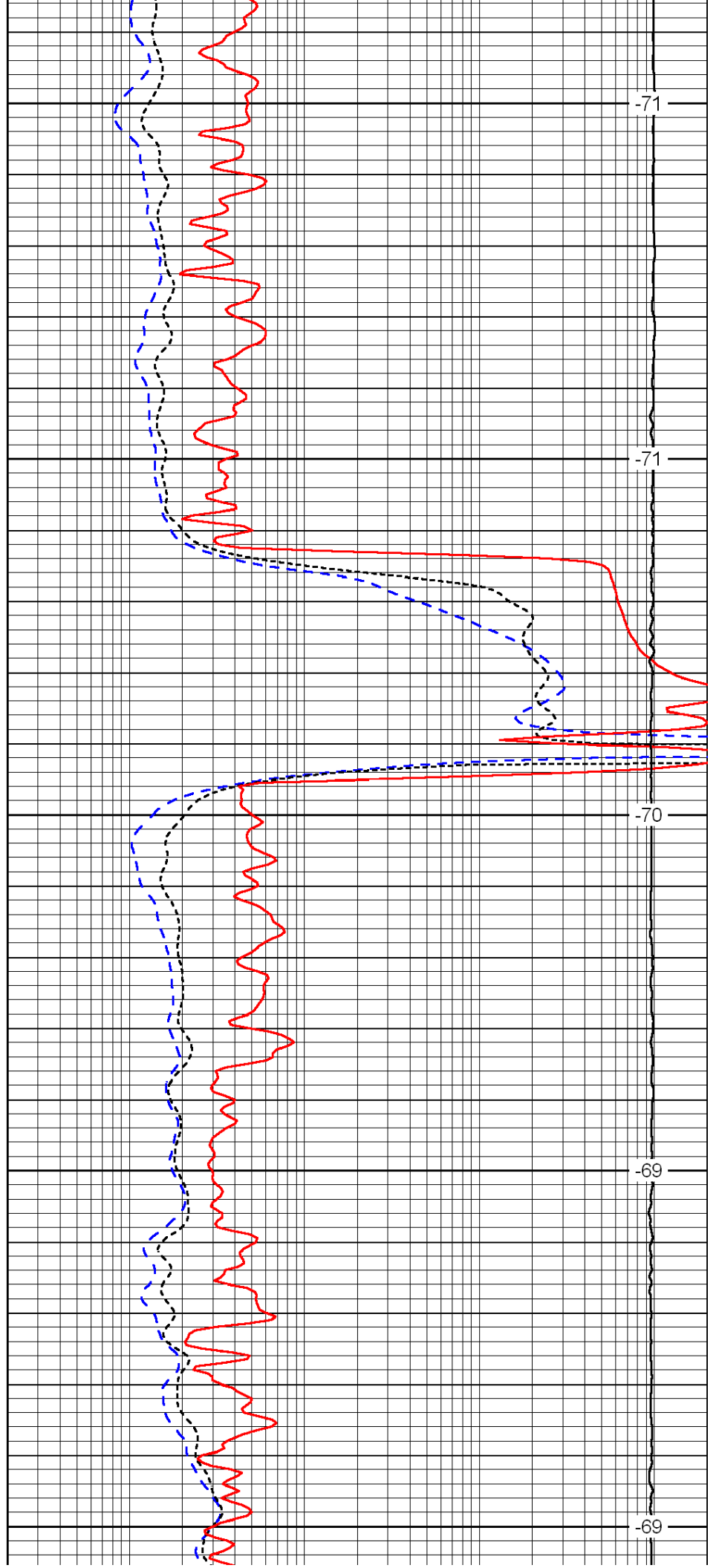
2100

2150

2200

2250

2300



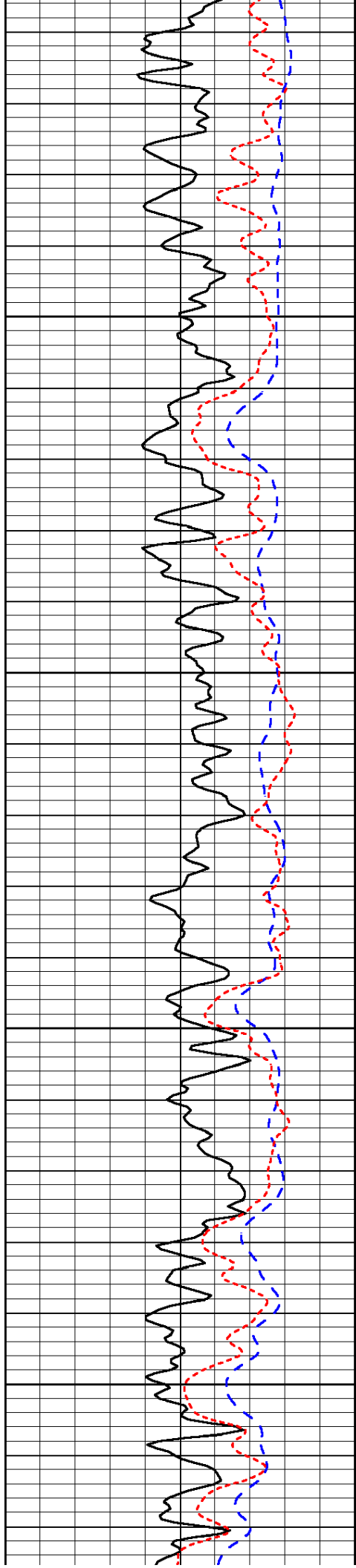
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-69

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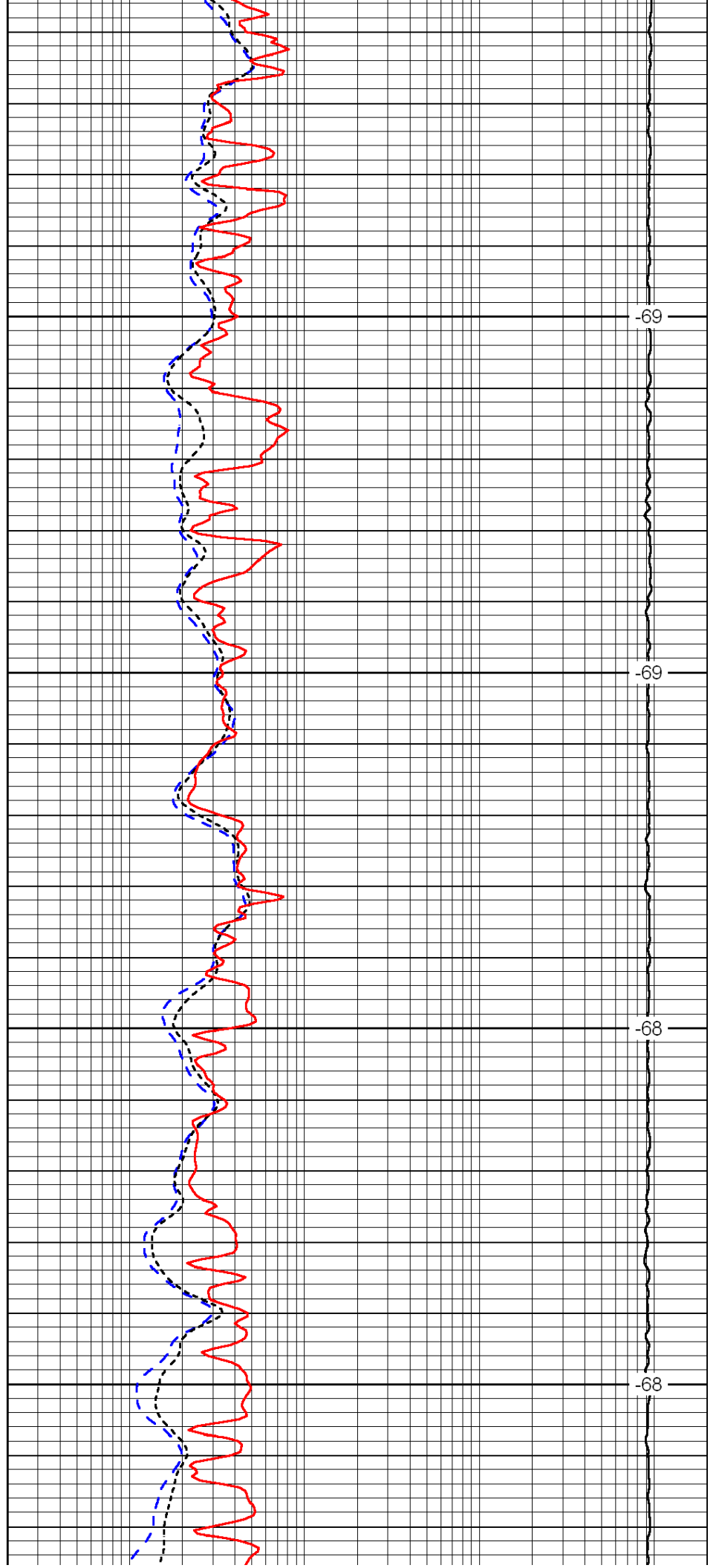


2350

2400

2450

2500

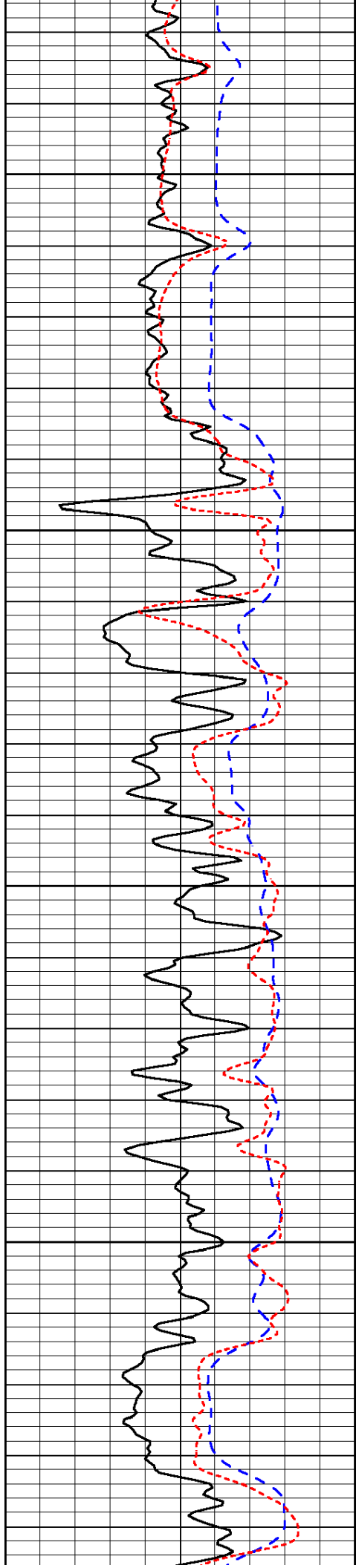


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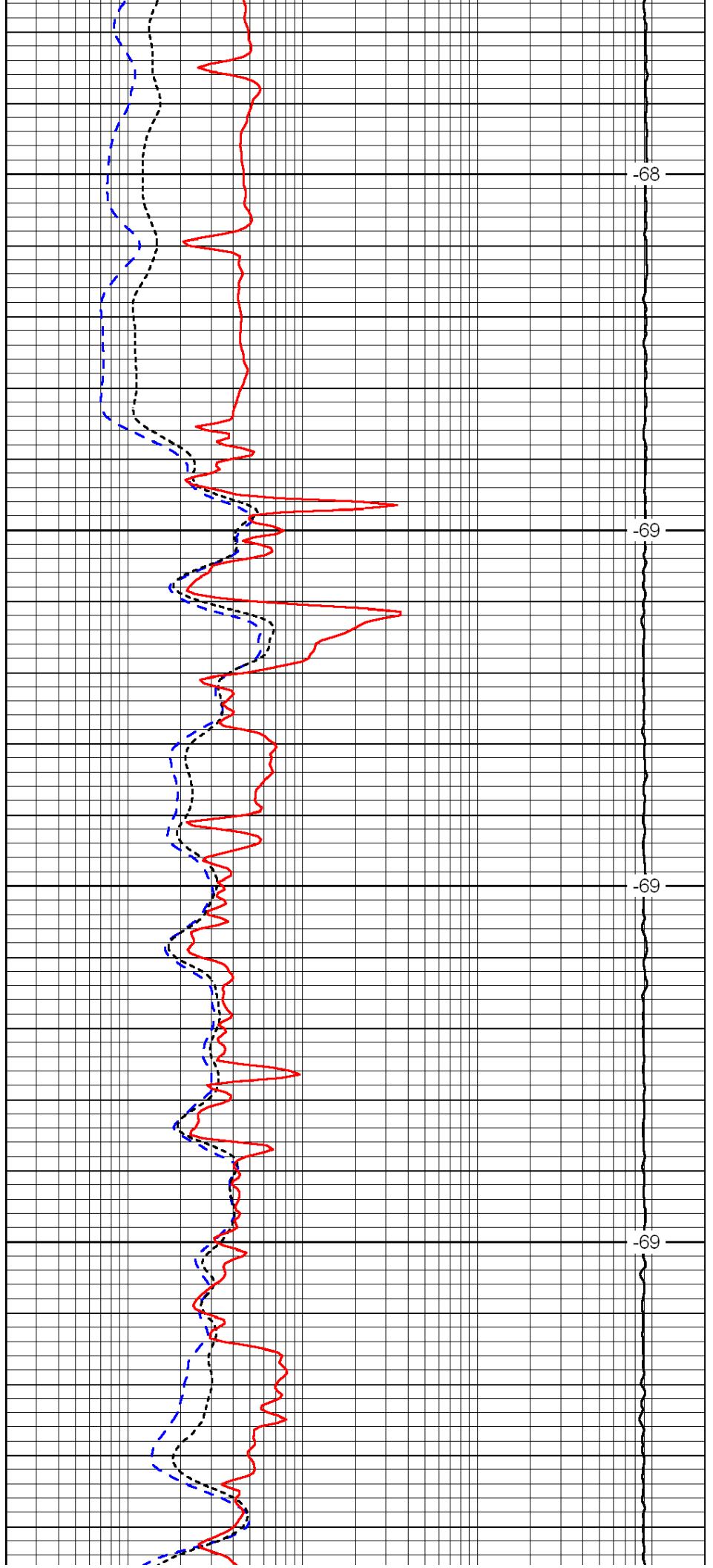


2550

2600

2650

2700

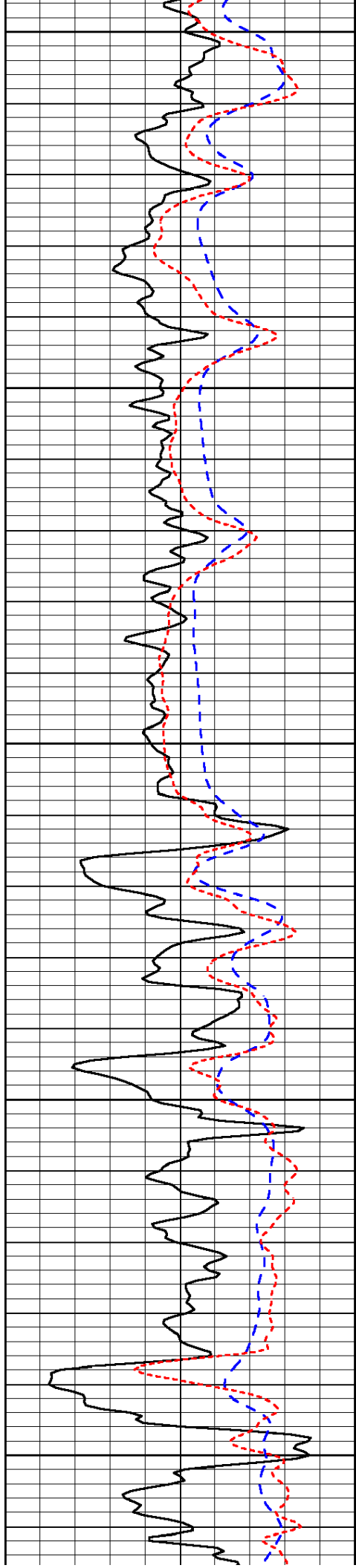


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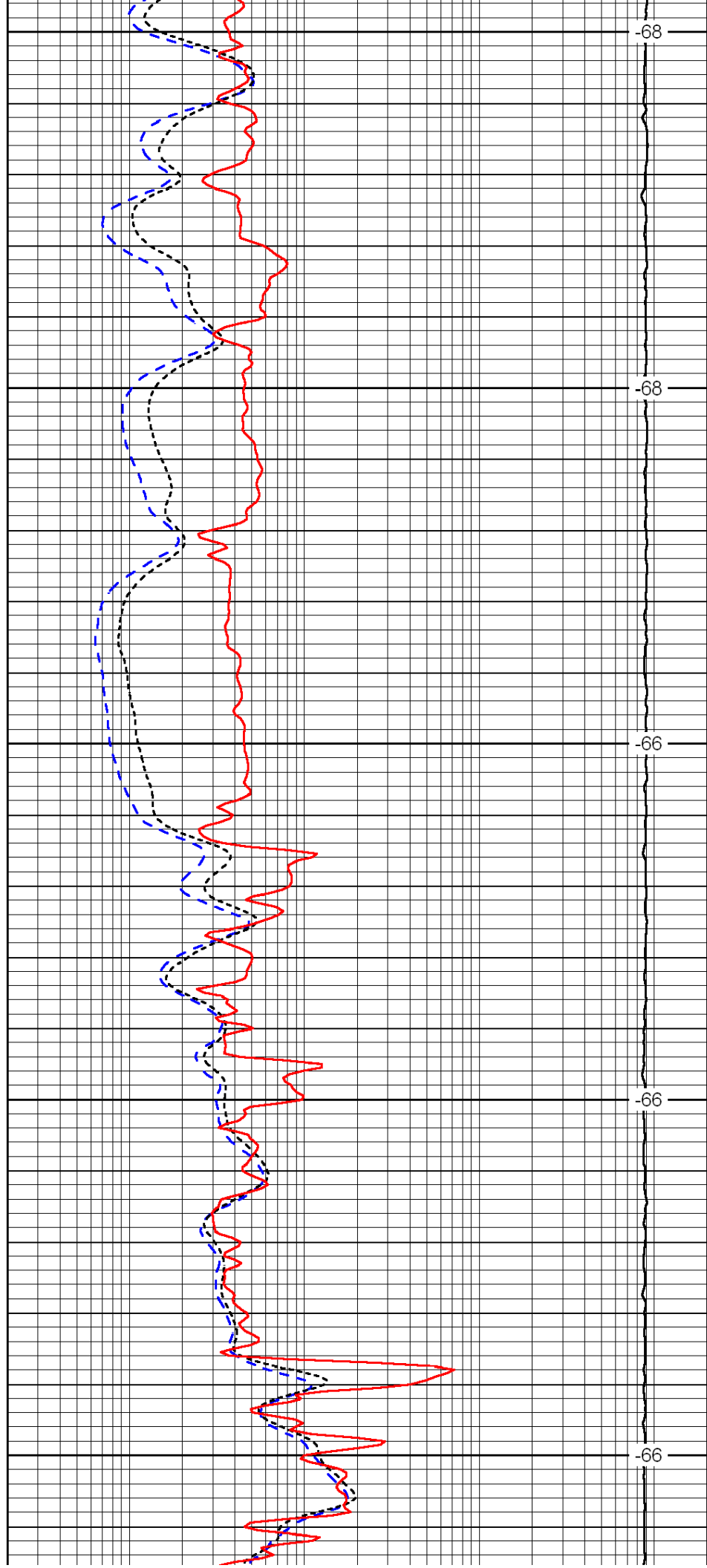
2750

2800

2850

2900

2950



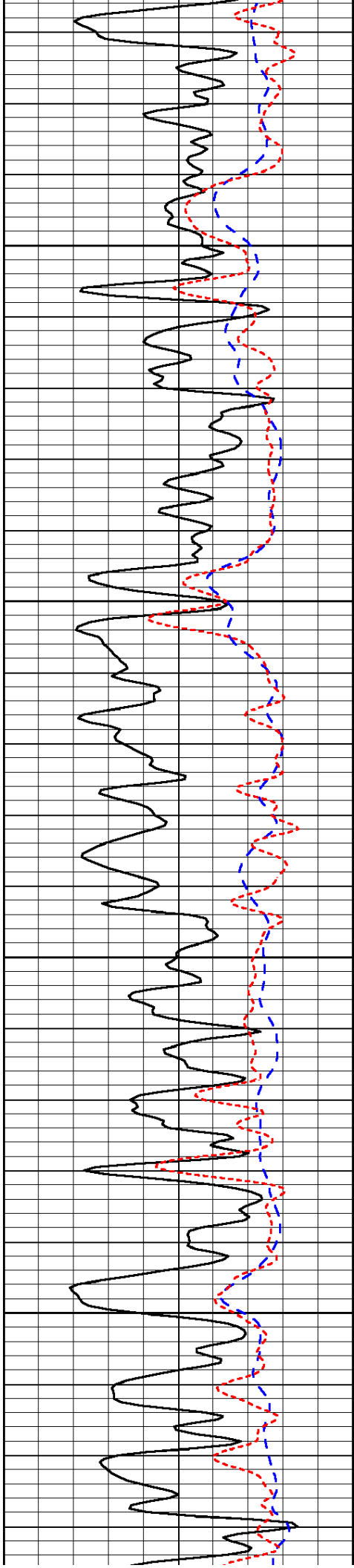
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-68

-66

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-66

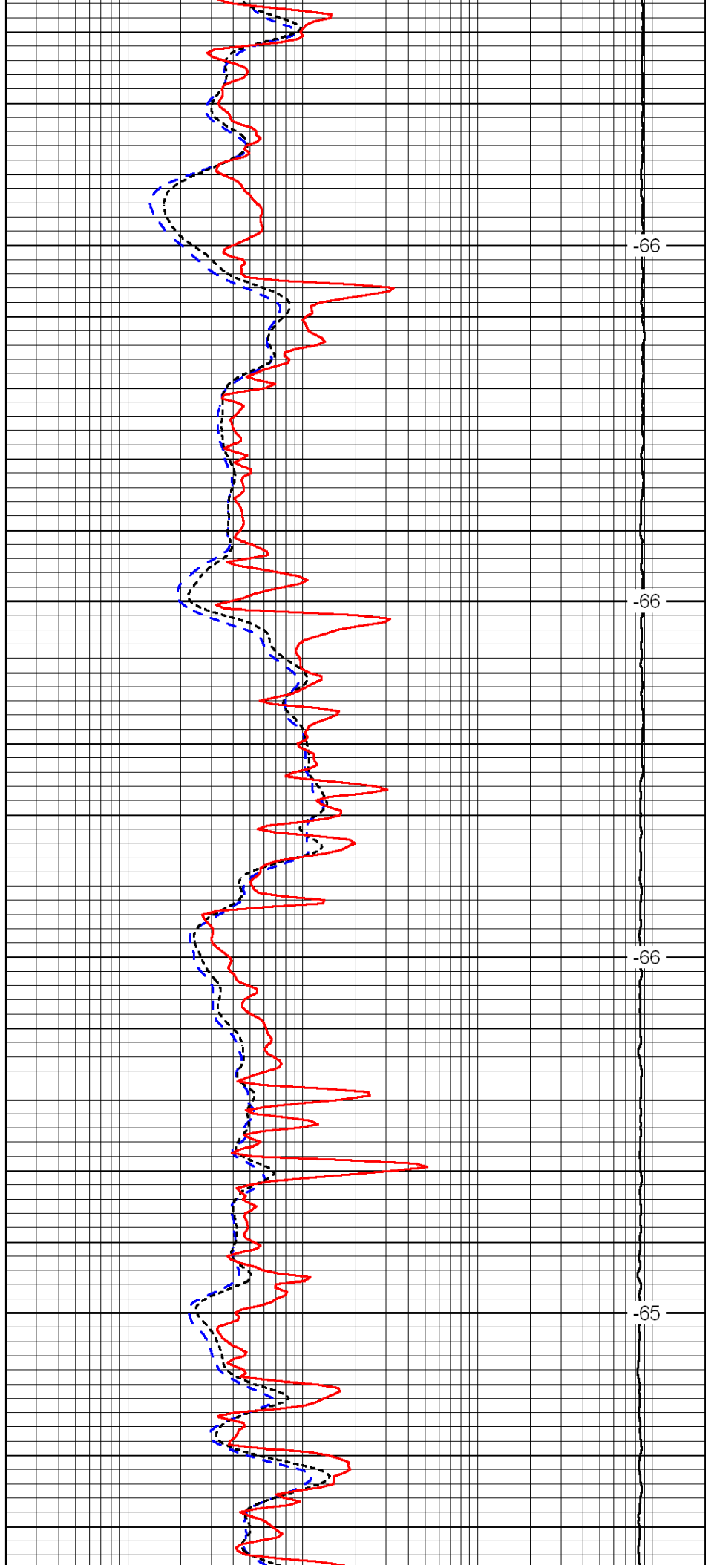


3000

3050

3100

3150

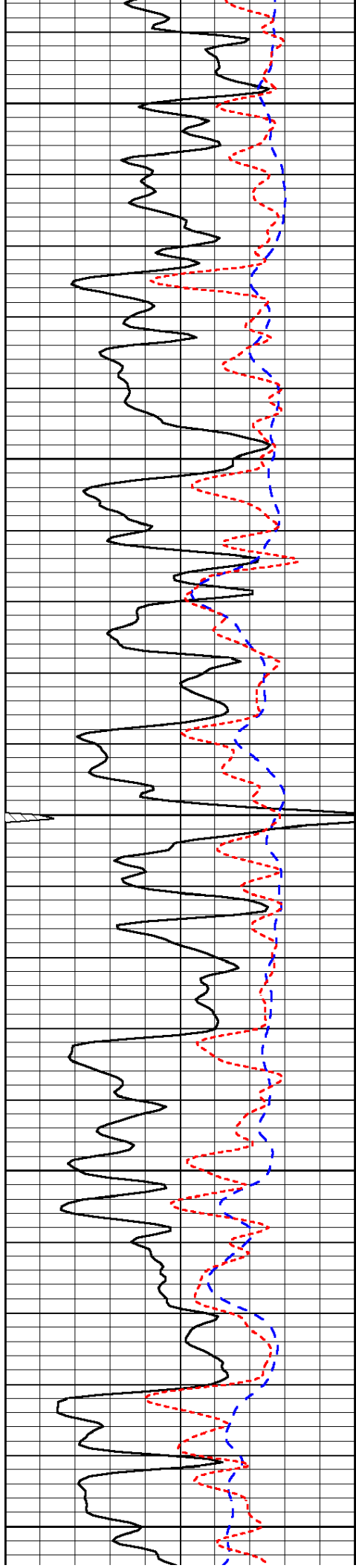


-66

-66

-66

-65



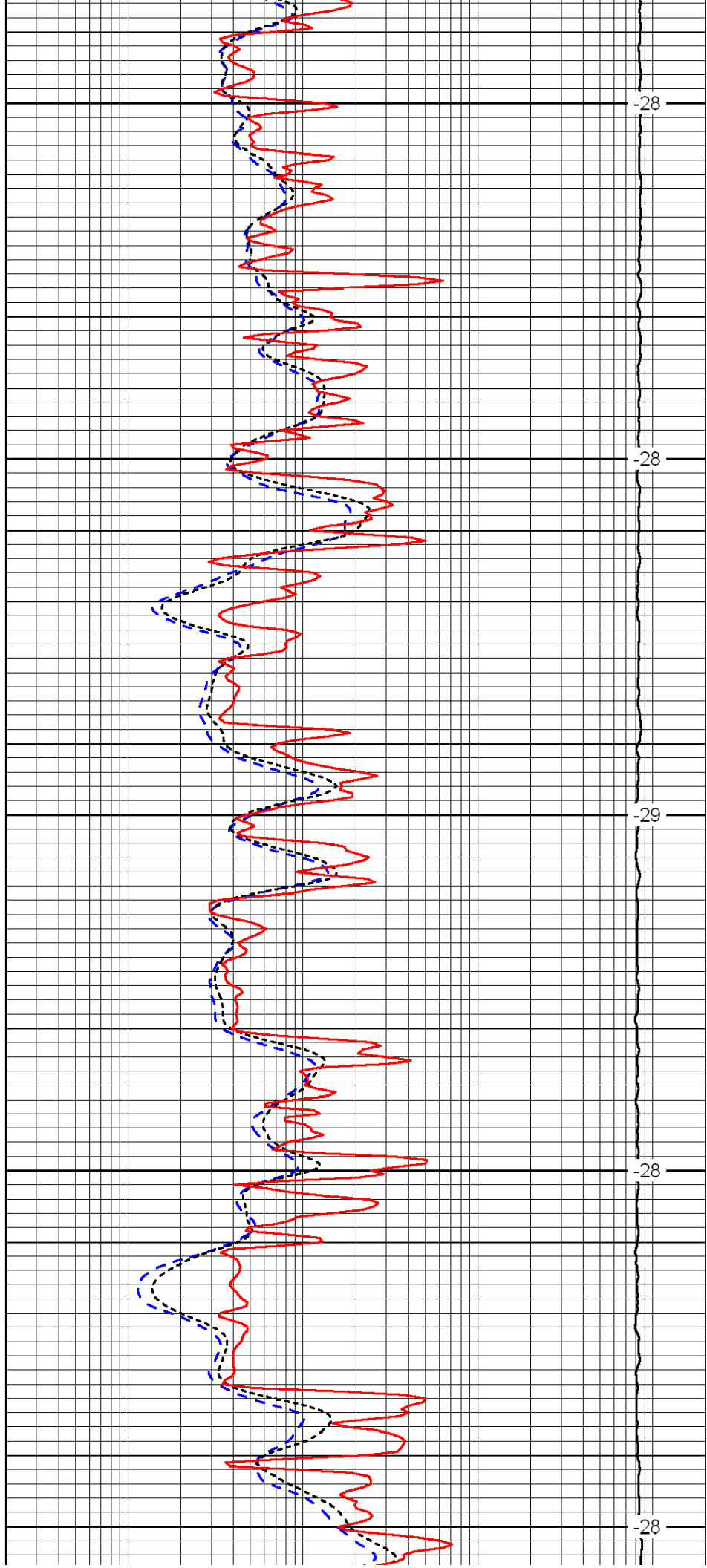
3200

3250

3300

3350

3400



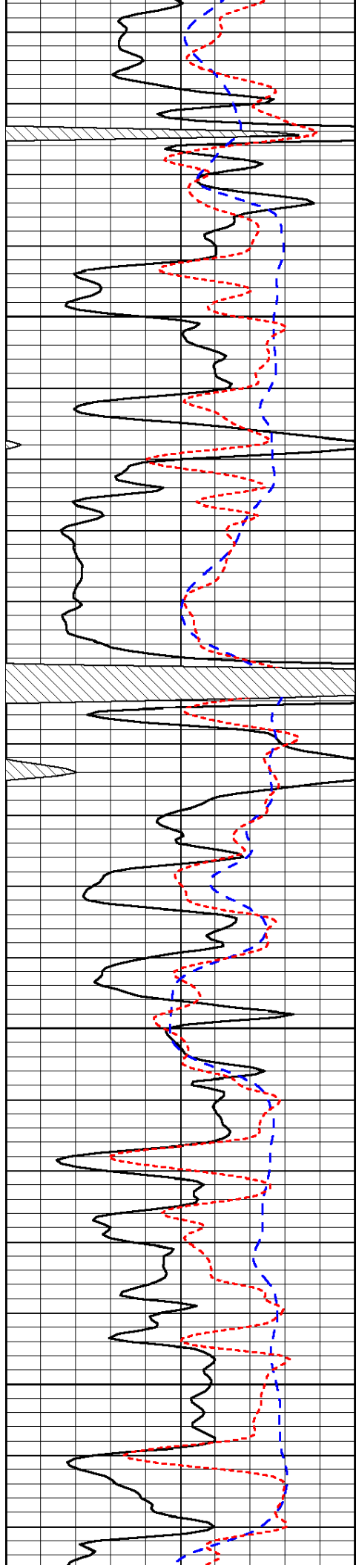
-28

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-29

-28

-28

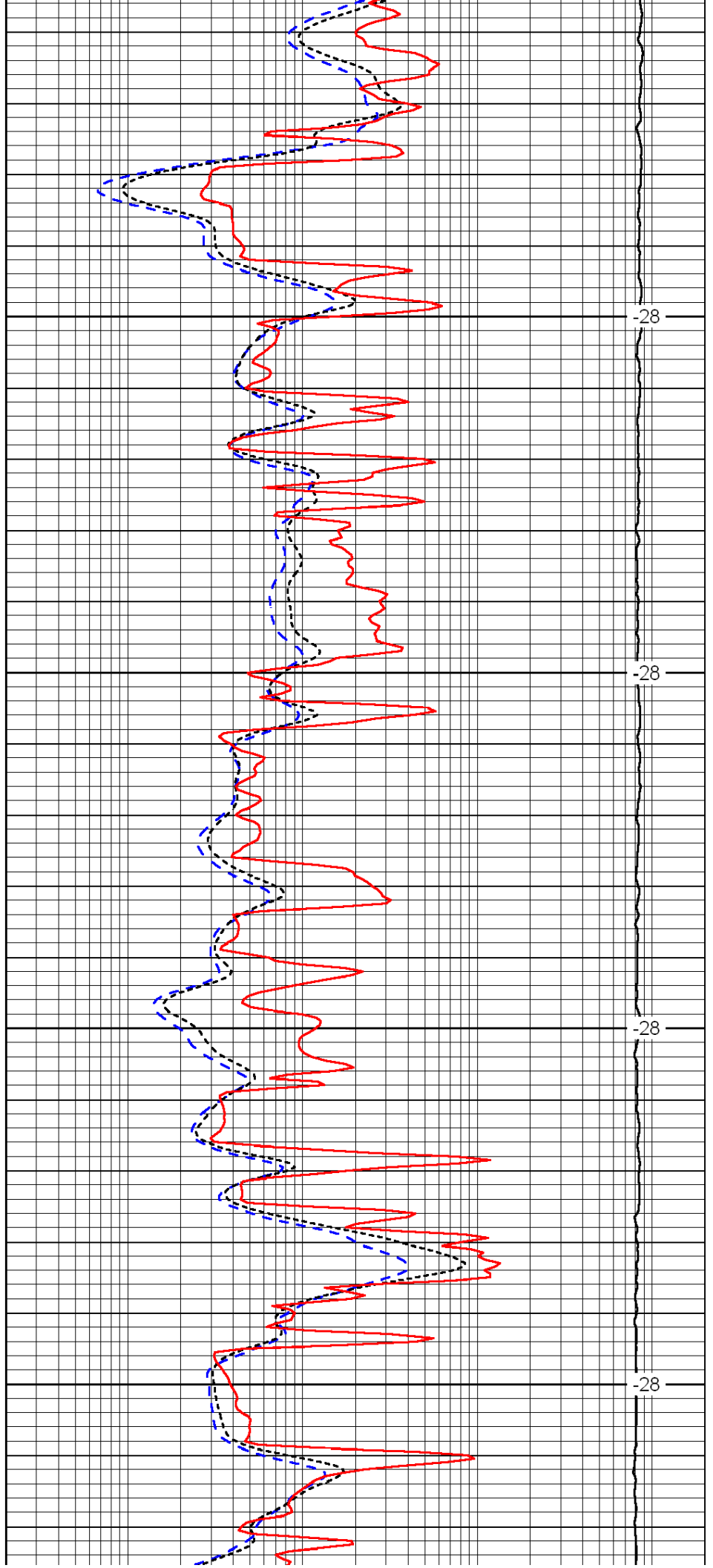


3450

3500

3550

3600

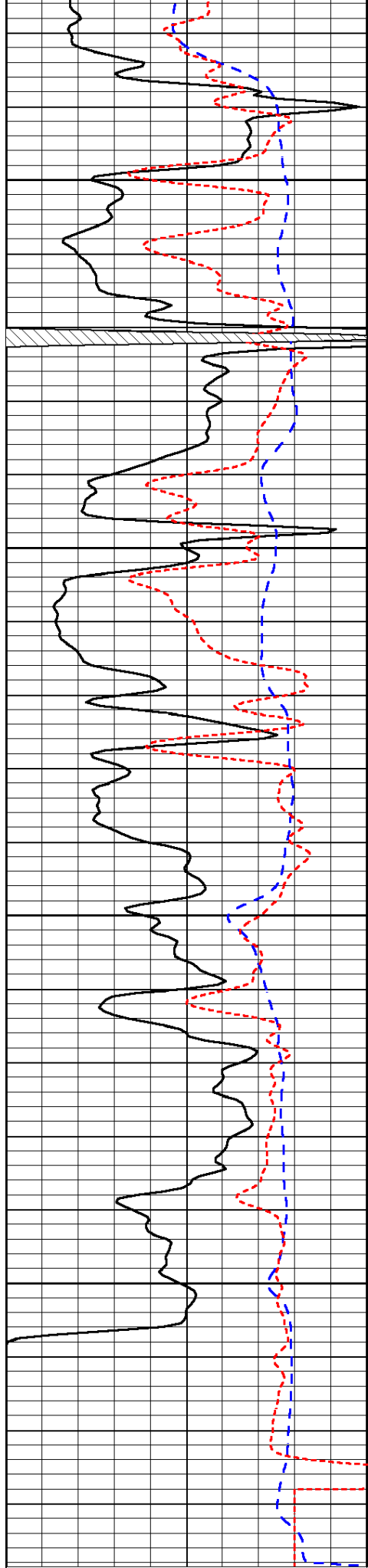


-28

-28

-28

-28



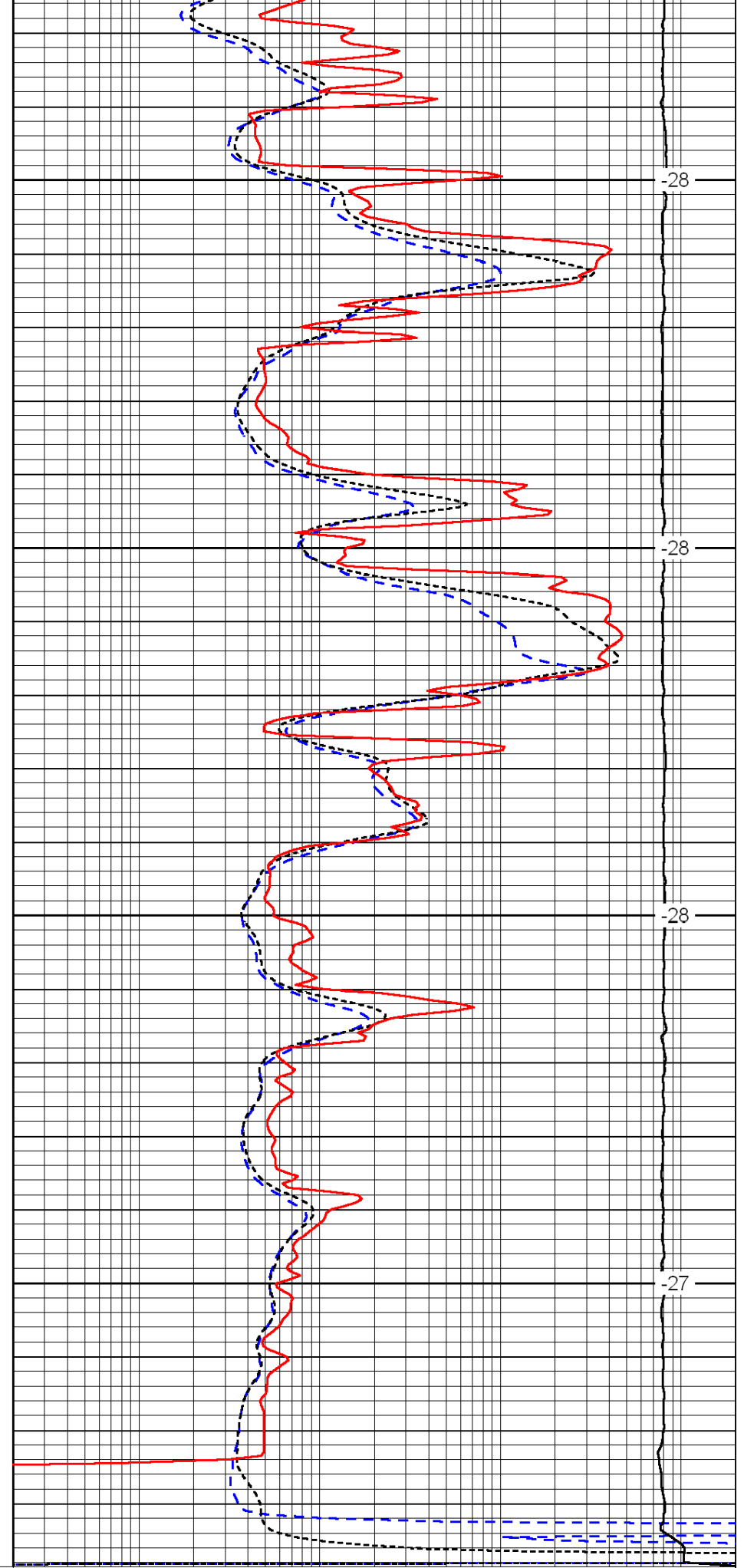
0 Gamma Ray 150

3650

3700

3750

3800



0.2 Deep Resistivity 2000

-28

-28

-28

-27

-200	SP (mV)	0
-160	Rxo / Rt	40

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