



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,273-00-00		
Company	Murfin Drilling Company Inc.		
Well	Harris No. 1-23		
Field			
County	Lane	State	Kansas
Location	1,000' FNL & 335' FEL		
Sec: 23	Twp: 18 S	Rge: 30 W	
Permanent Datum	Ground Level	Elevation 2848	Other Services CNL/CDL MEL/BHCS
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	K.B. 2859
Drilling Measured From	Frotkelly Bushing		D.F. 2848
			G.L. 2848

Date	17/2011
Run Number	One
Depth Driller	4665
Depth Logger	4671
Bottom Logged Interval	4670
Top Log Interval	0
Casing Driller	8.625 @ 226
Casing Logger	223
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3300
Density / Viscosity	9.3 55
pH / Fluid Loss	6.0 10.5
Source of Sample	Flowline
Rm @ Meas. Temp	1.70 @ 60
Rmf @ Meas. Temp	1.28 @ 60
Rmc @ Meas. Temp	2.30 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	.83 @ 123
Operating Rig Time	5 Hours
Max Rec. Temp. F	123
Equipment Number	10
Location	Hays
Recorded By	J Schuler
Witnessed By	Robert Hendrix

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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

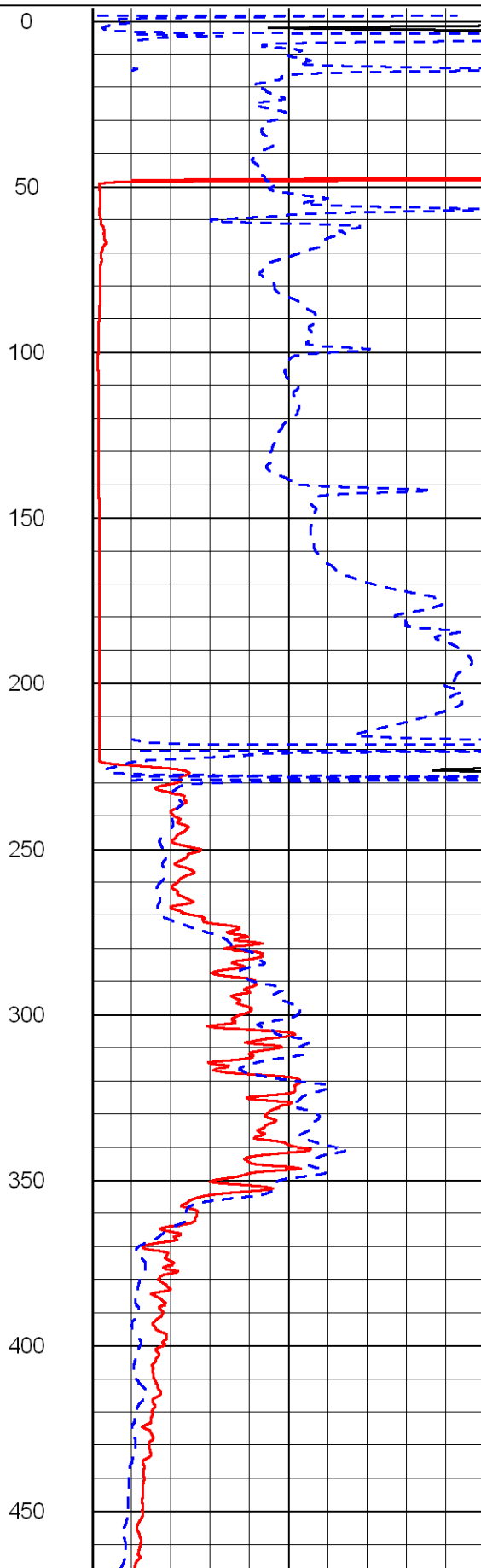
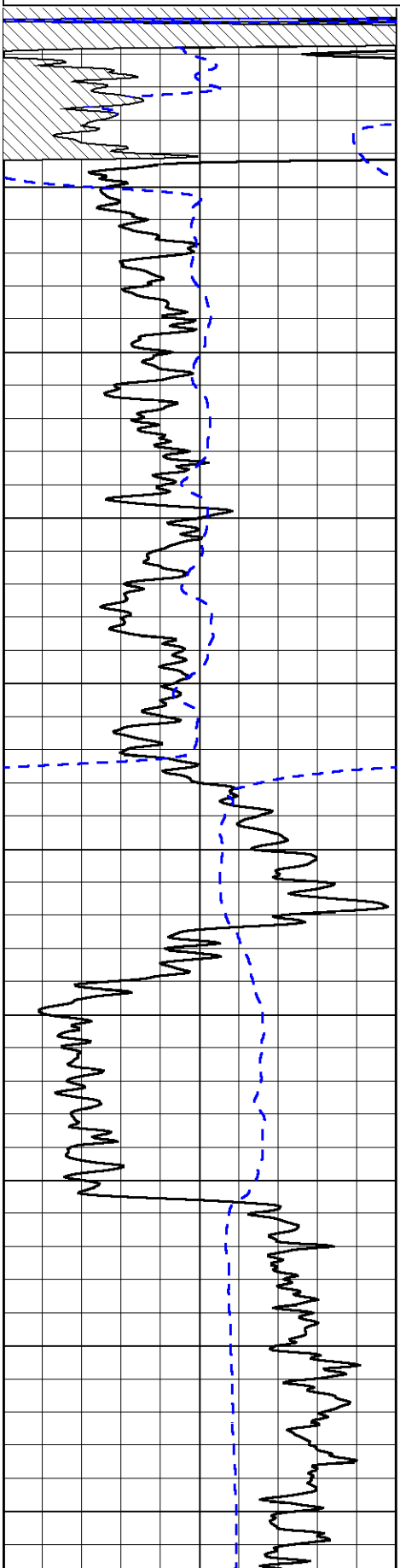
Dighton, 7 Miles West to Eagle Road, South 1/8th, West Into

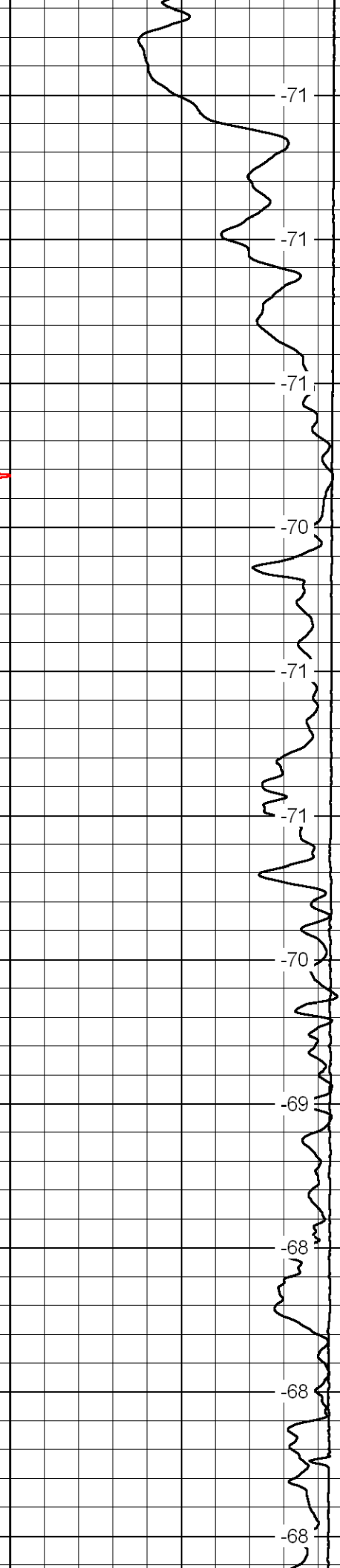
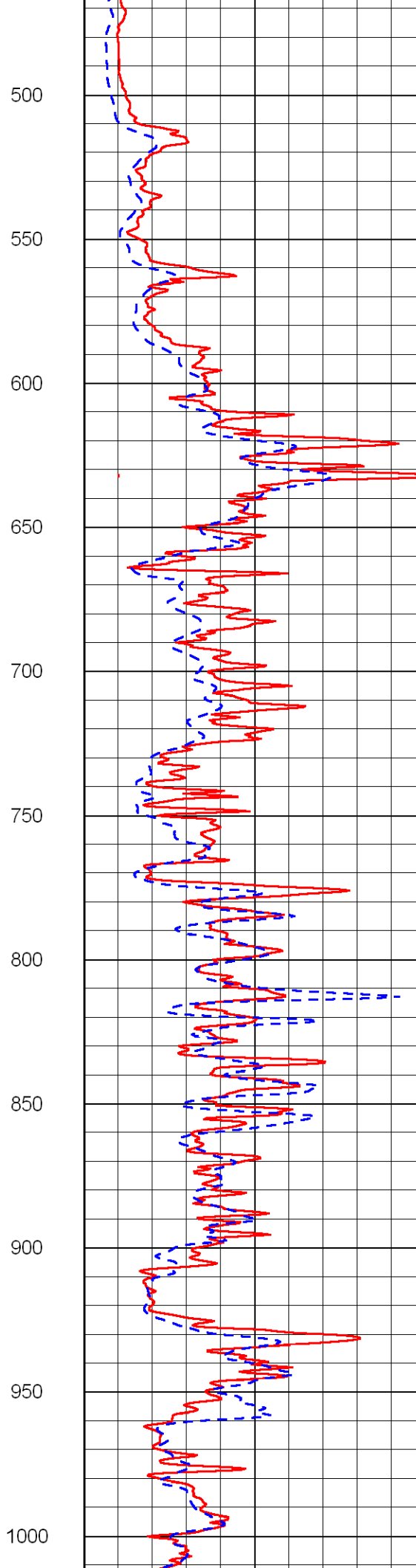
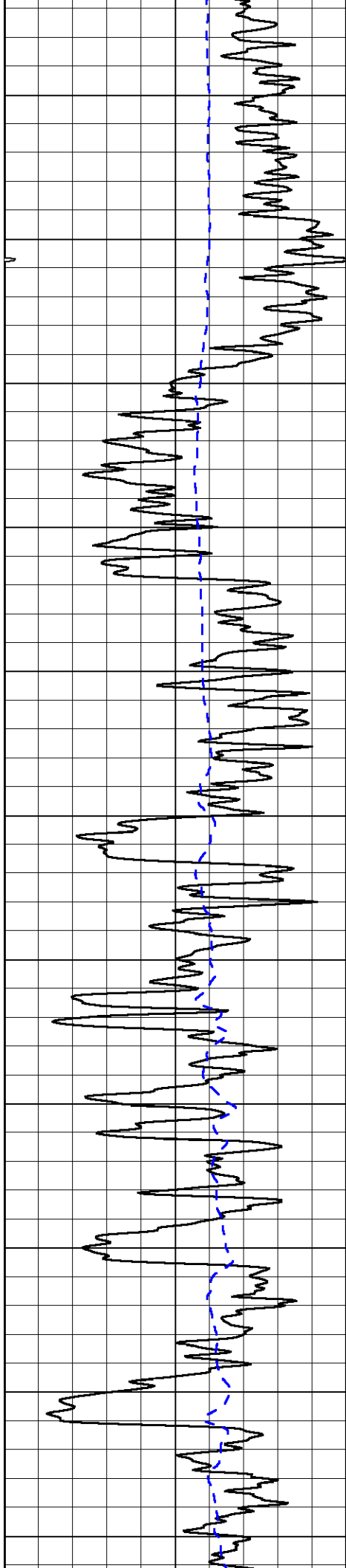
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 Dataset Creation: Fri Jan 07 18:15:12 2011  
 Charted by: Depth in Feet scaled 1:600

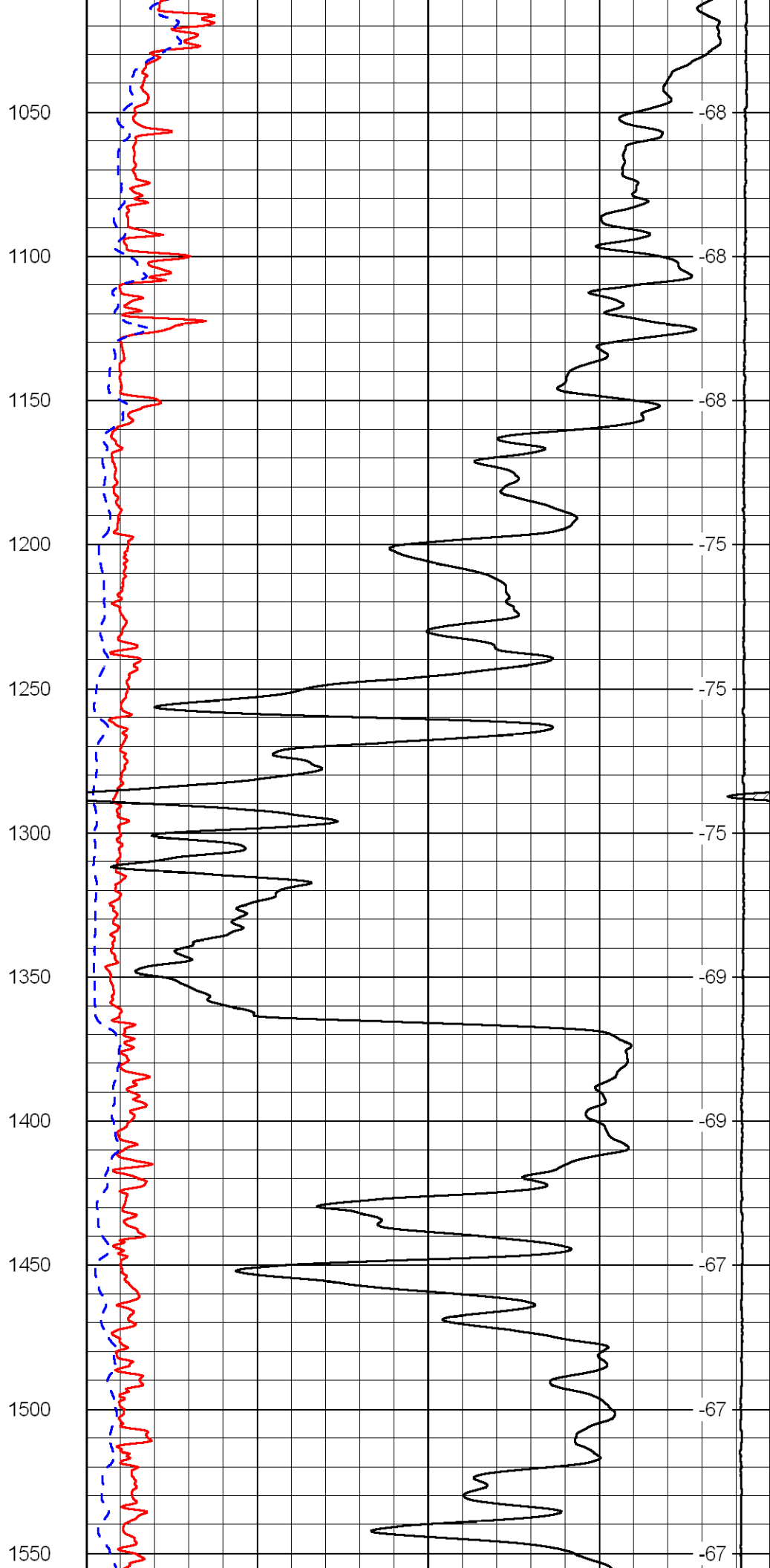
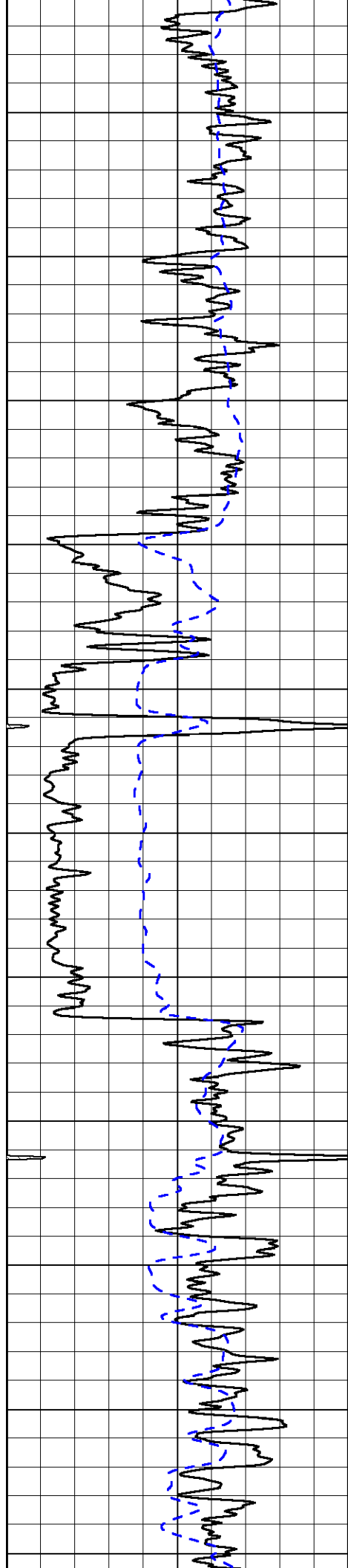
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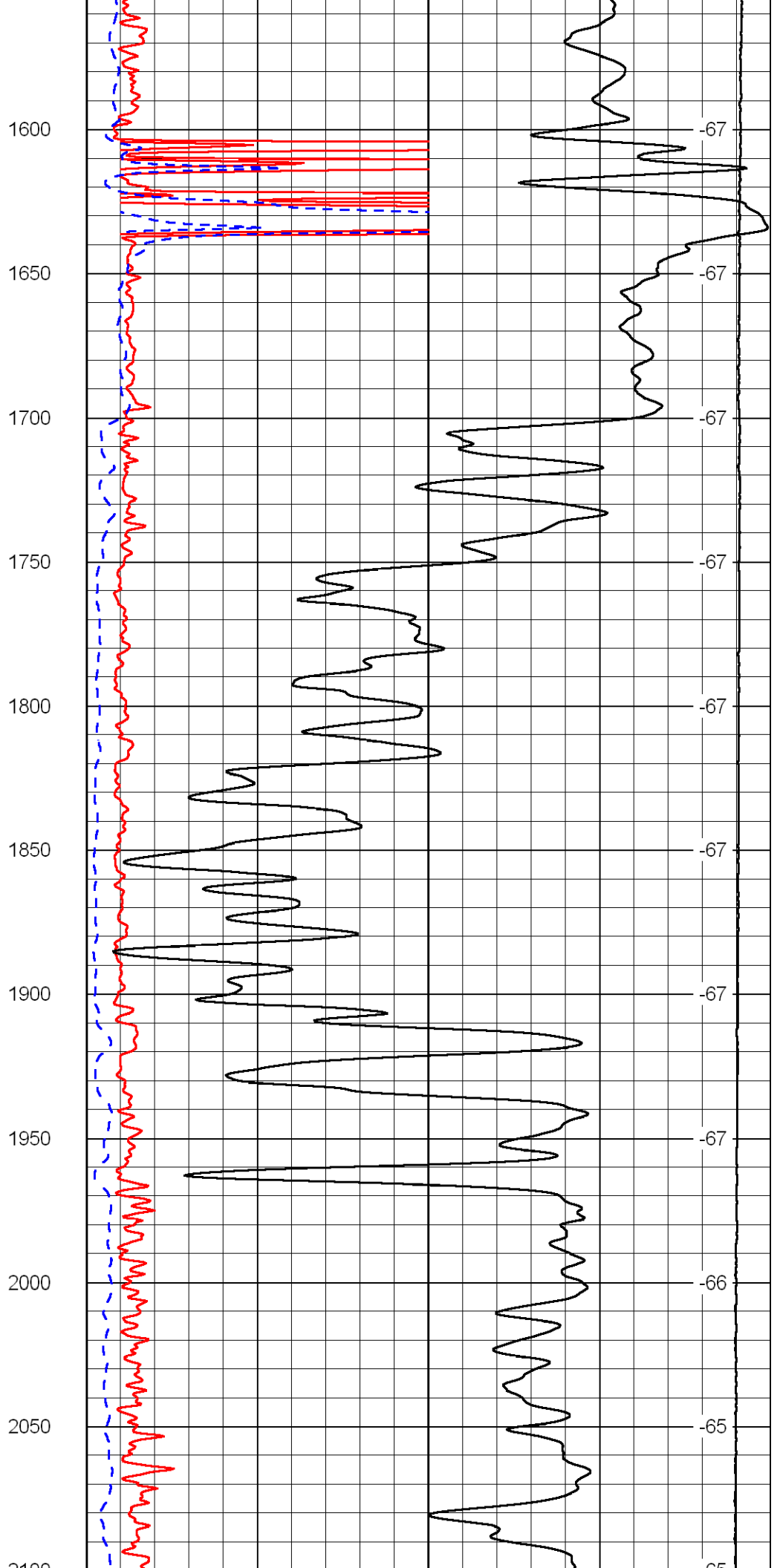
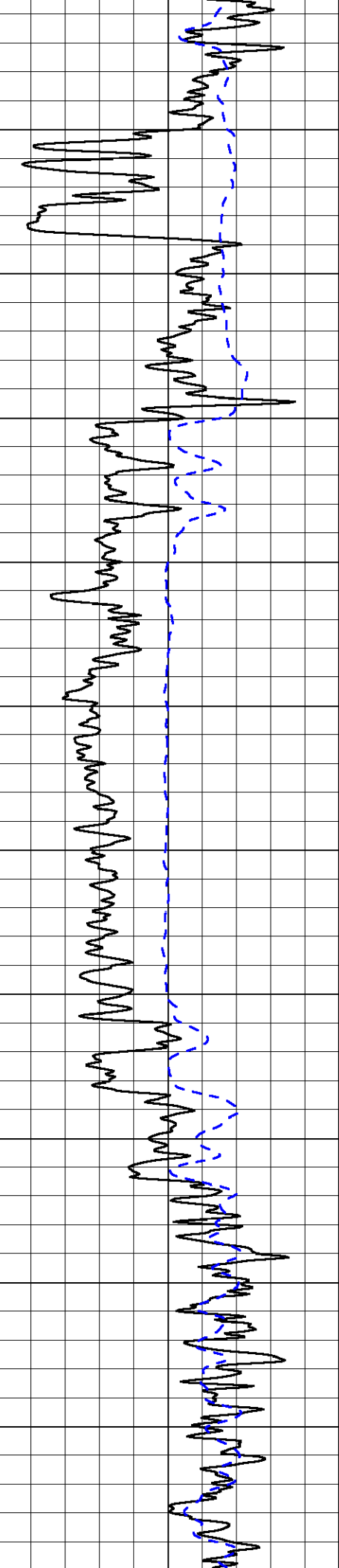
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15000	Line Tension	0

LSPD	0
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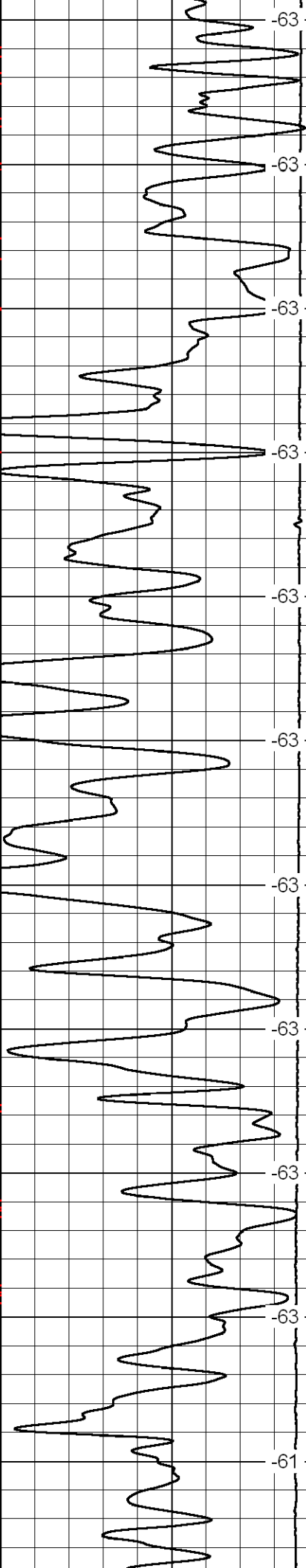
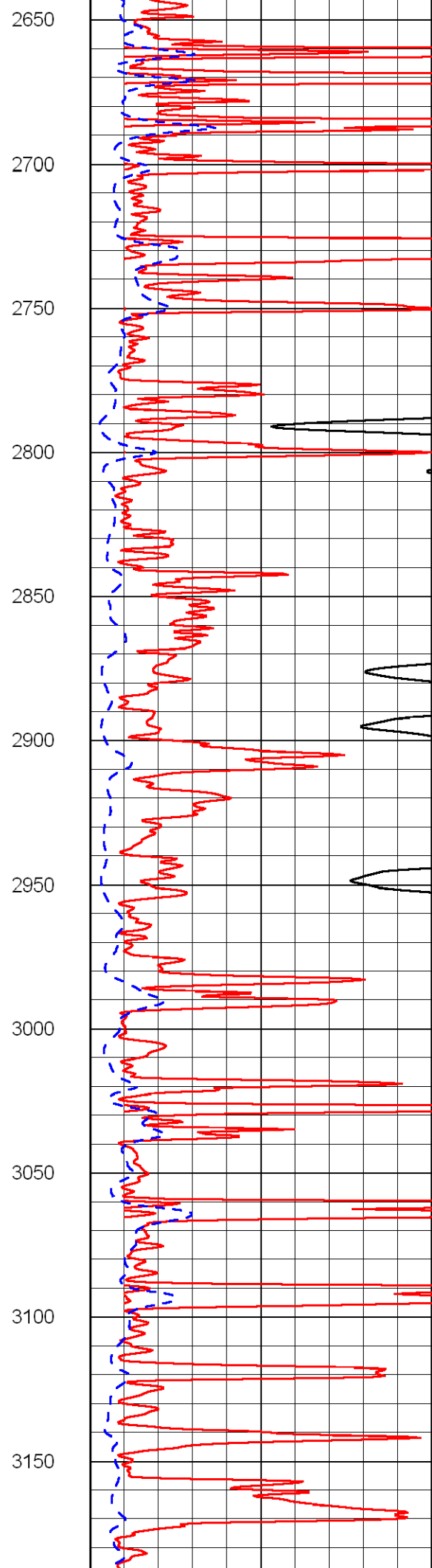
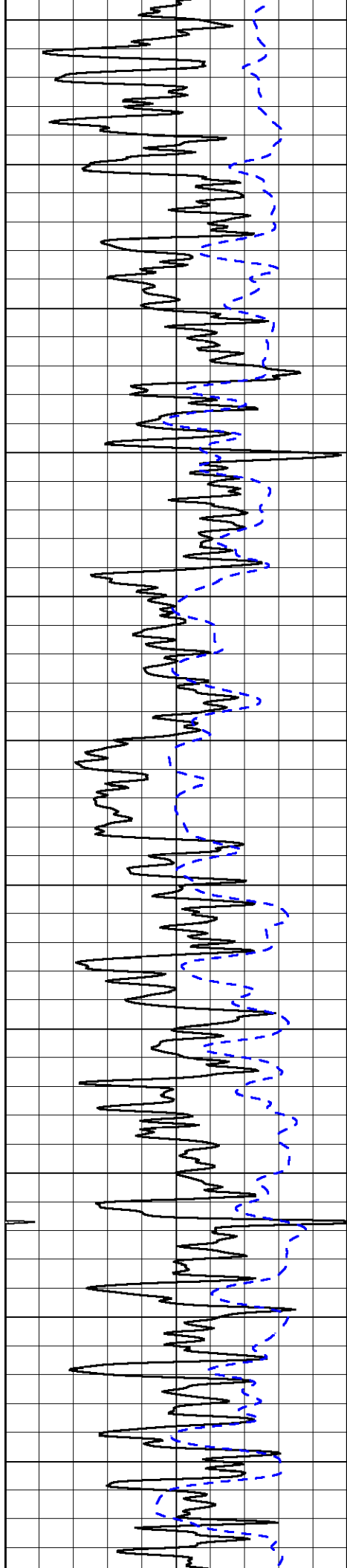


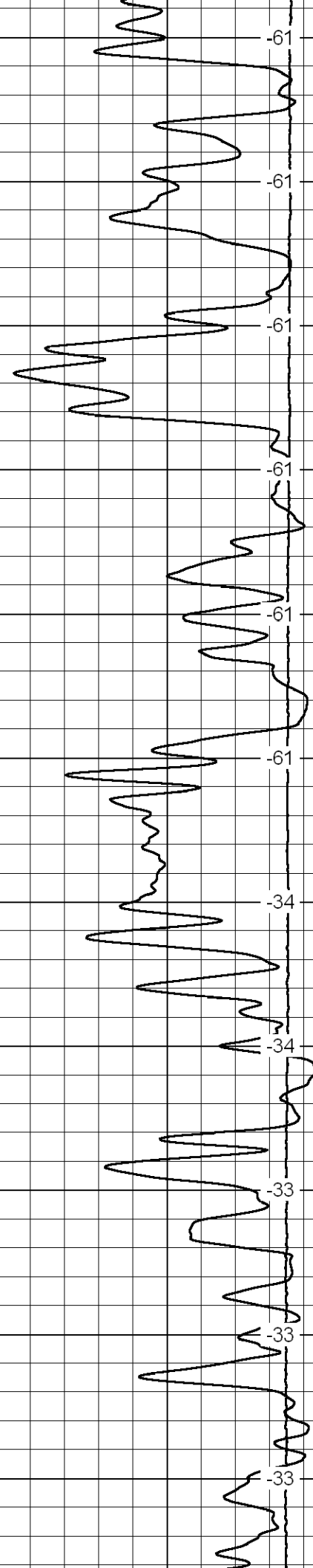
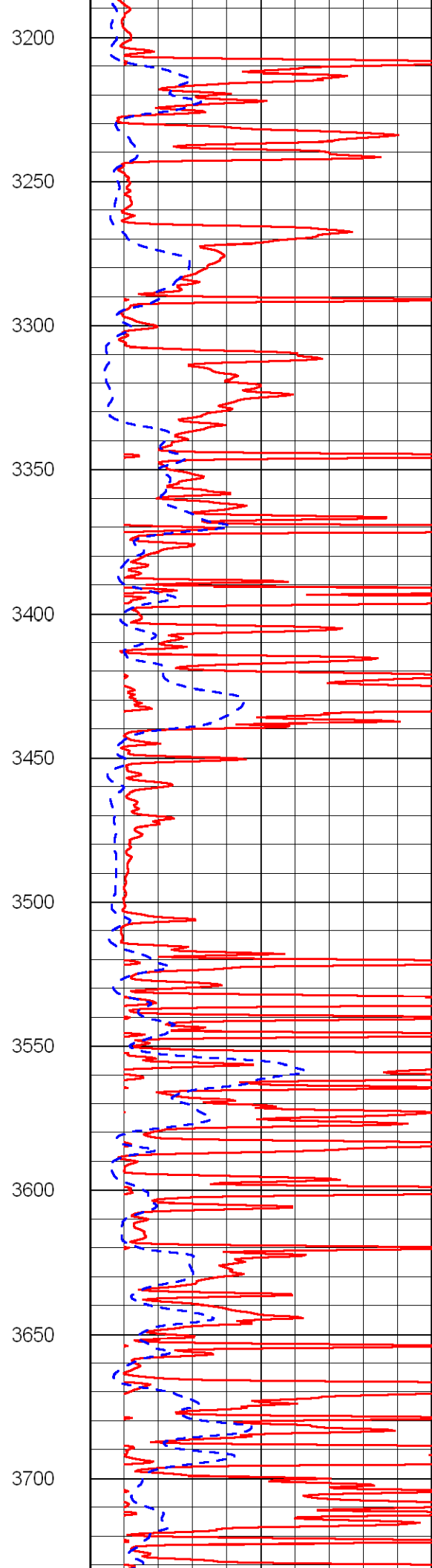
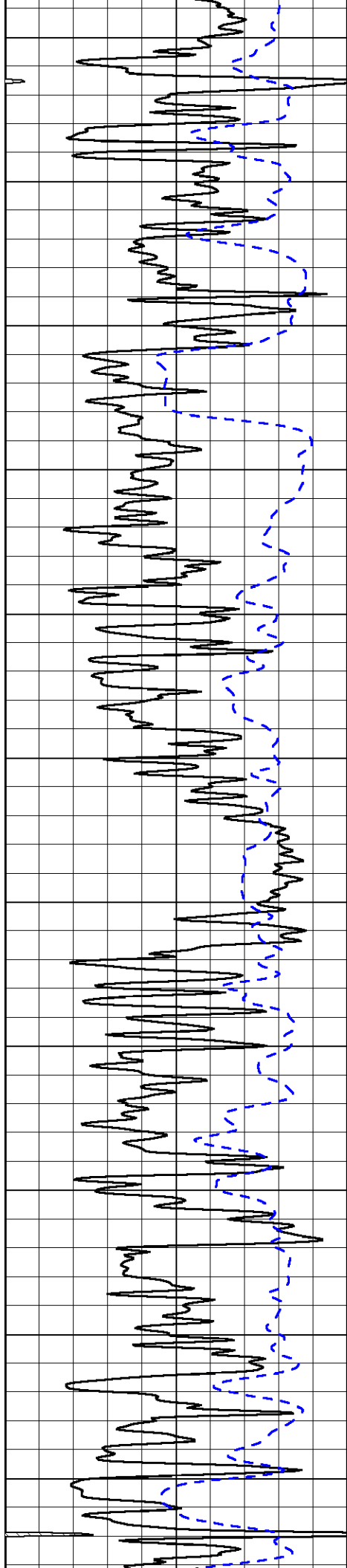


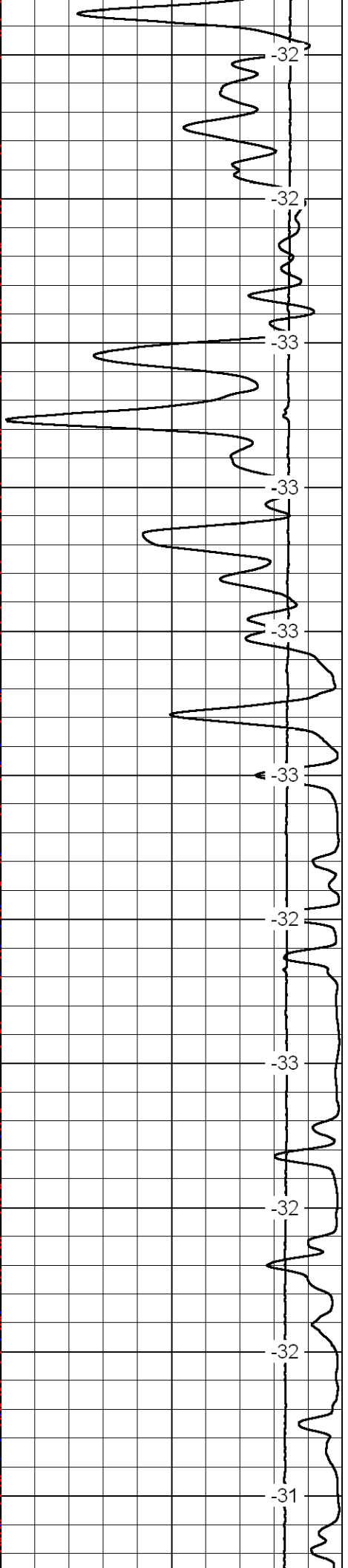
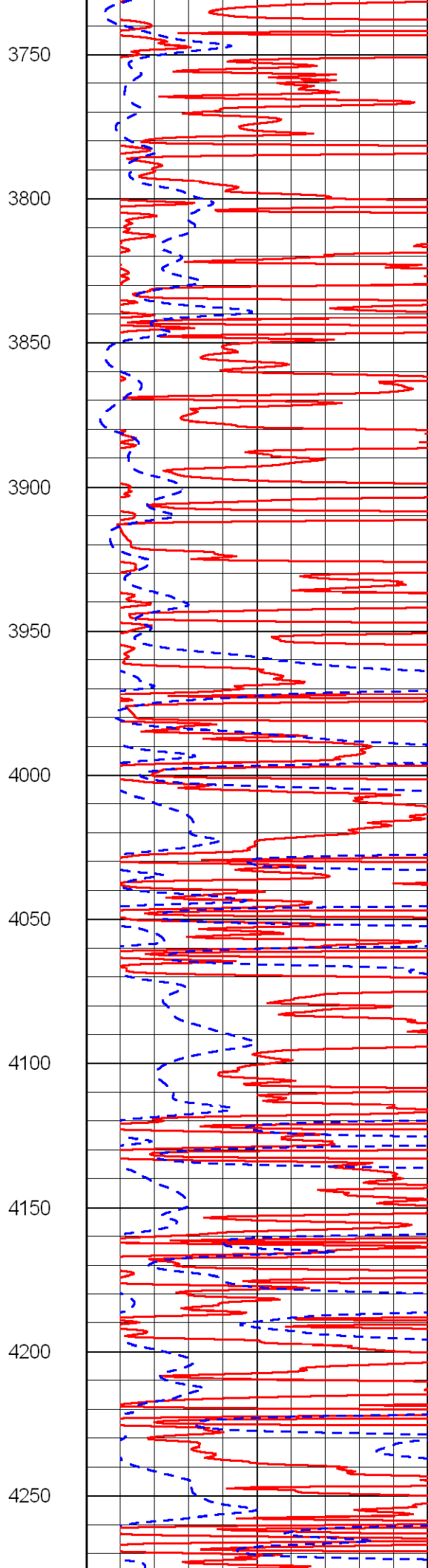
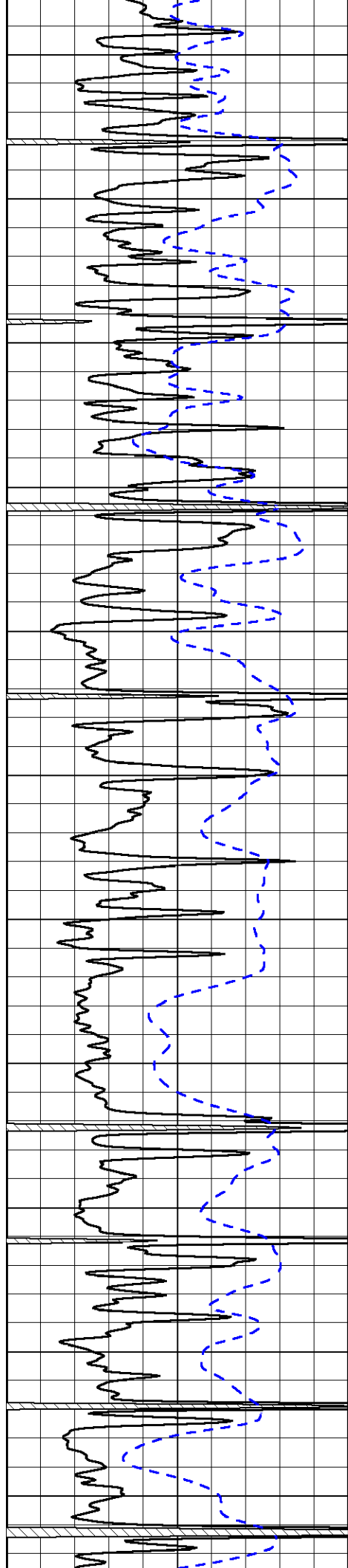


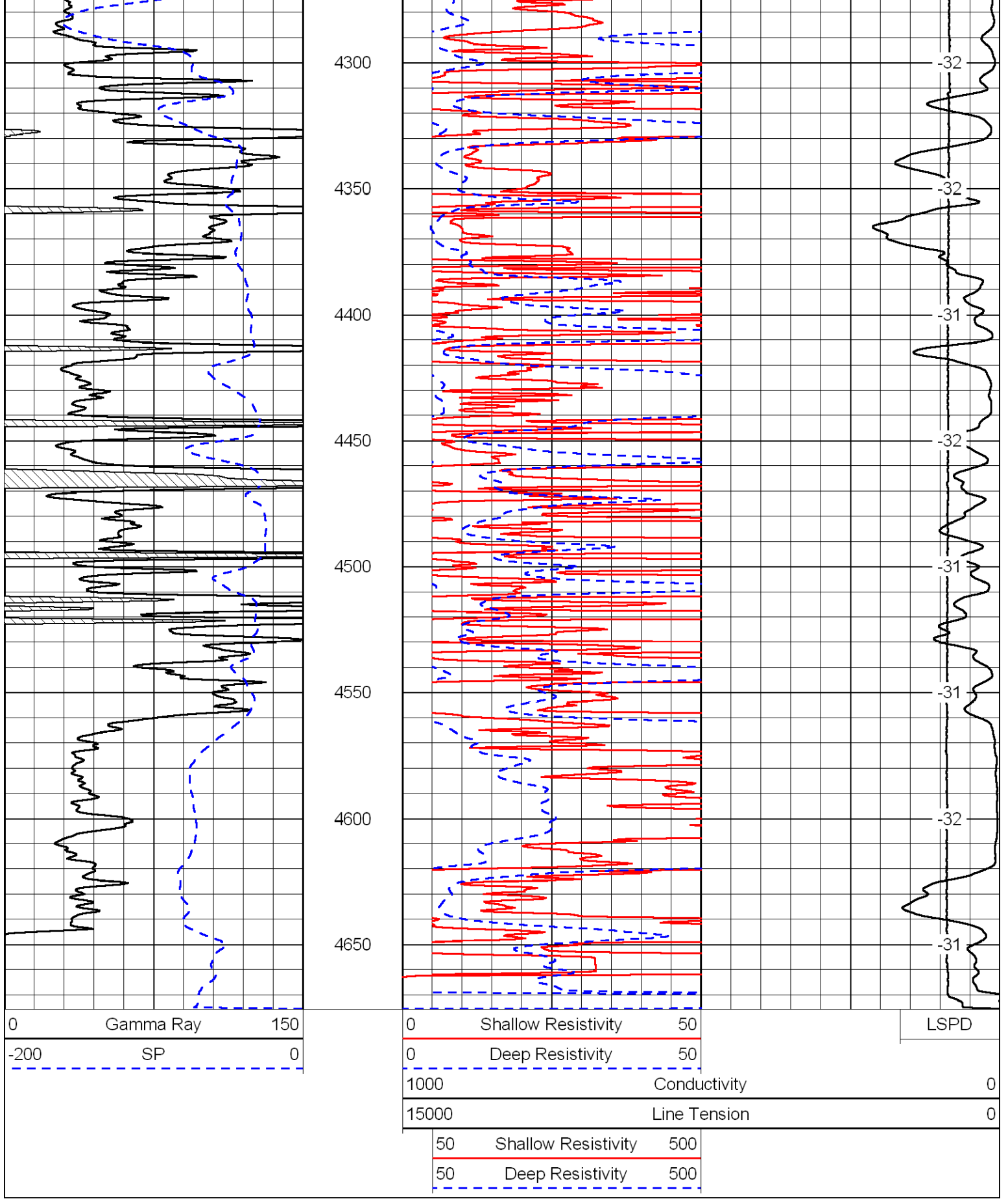




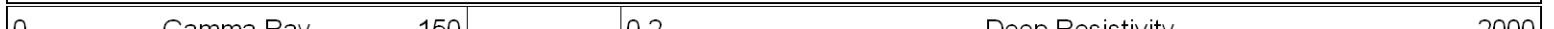








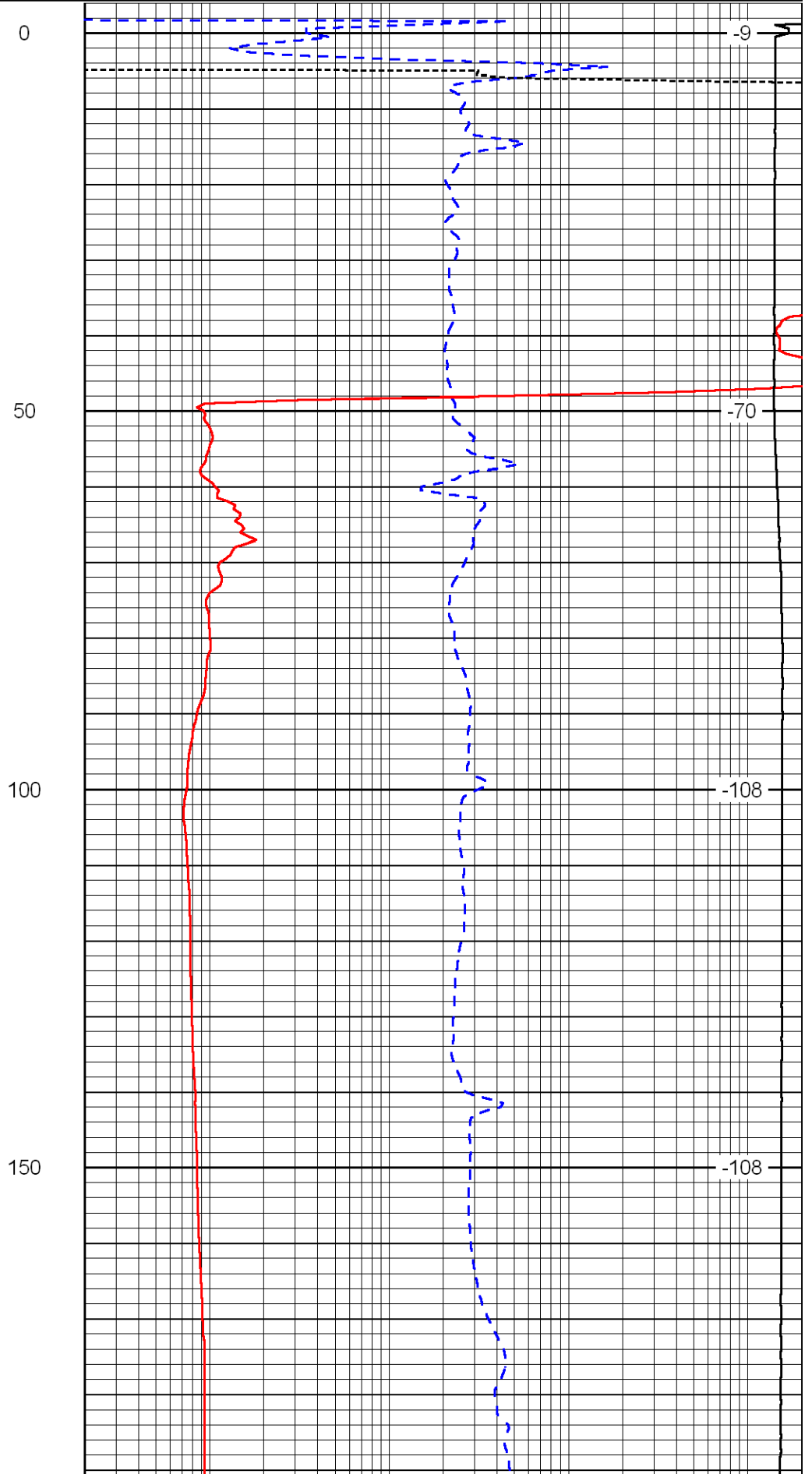
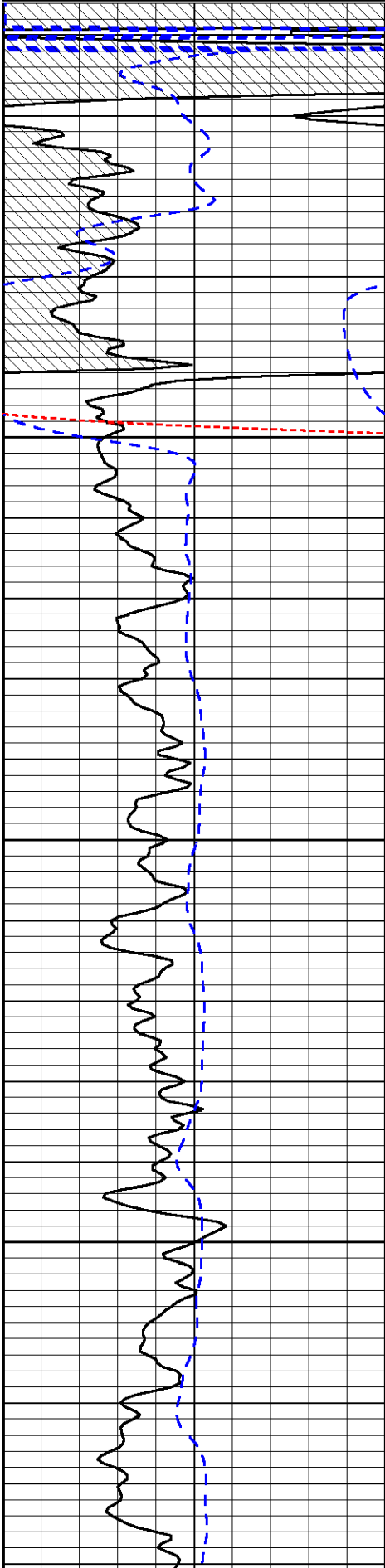
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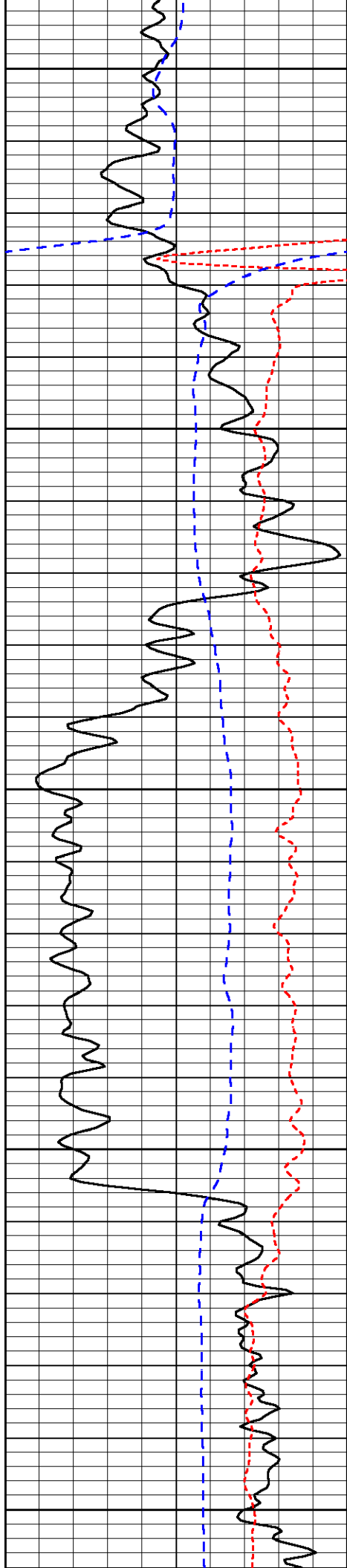


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-160	RXO/RT	40
-200	SP	0

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

LSPD





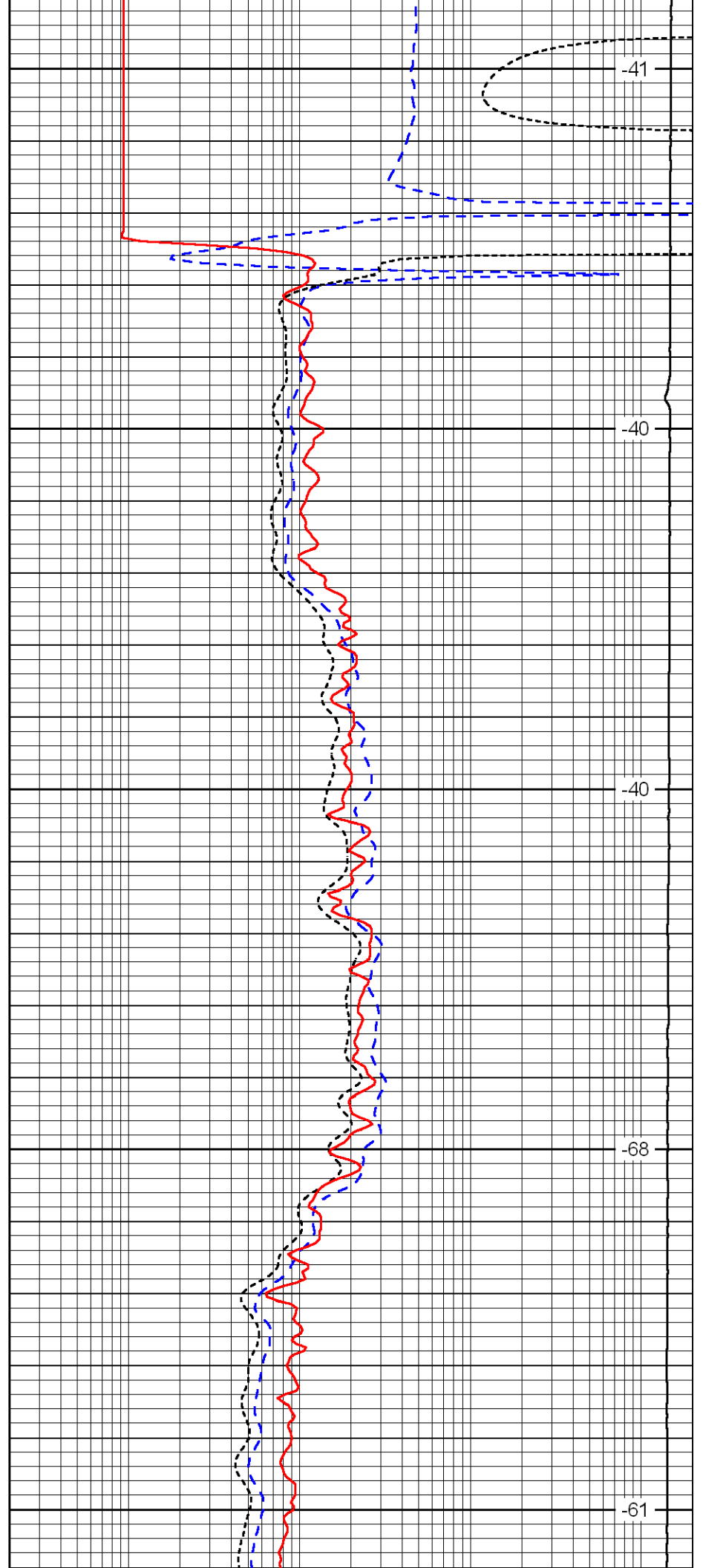
200

250

300

350

400



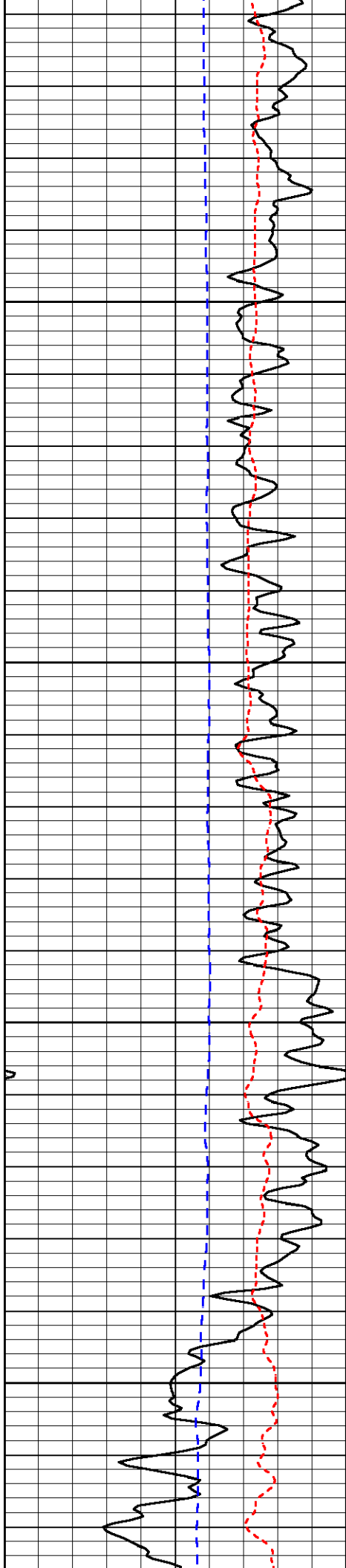
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-40

-40

-68

-61

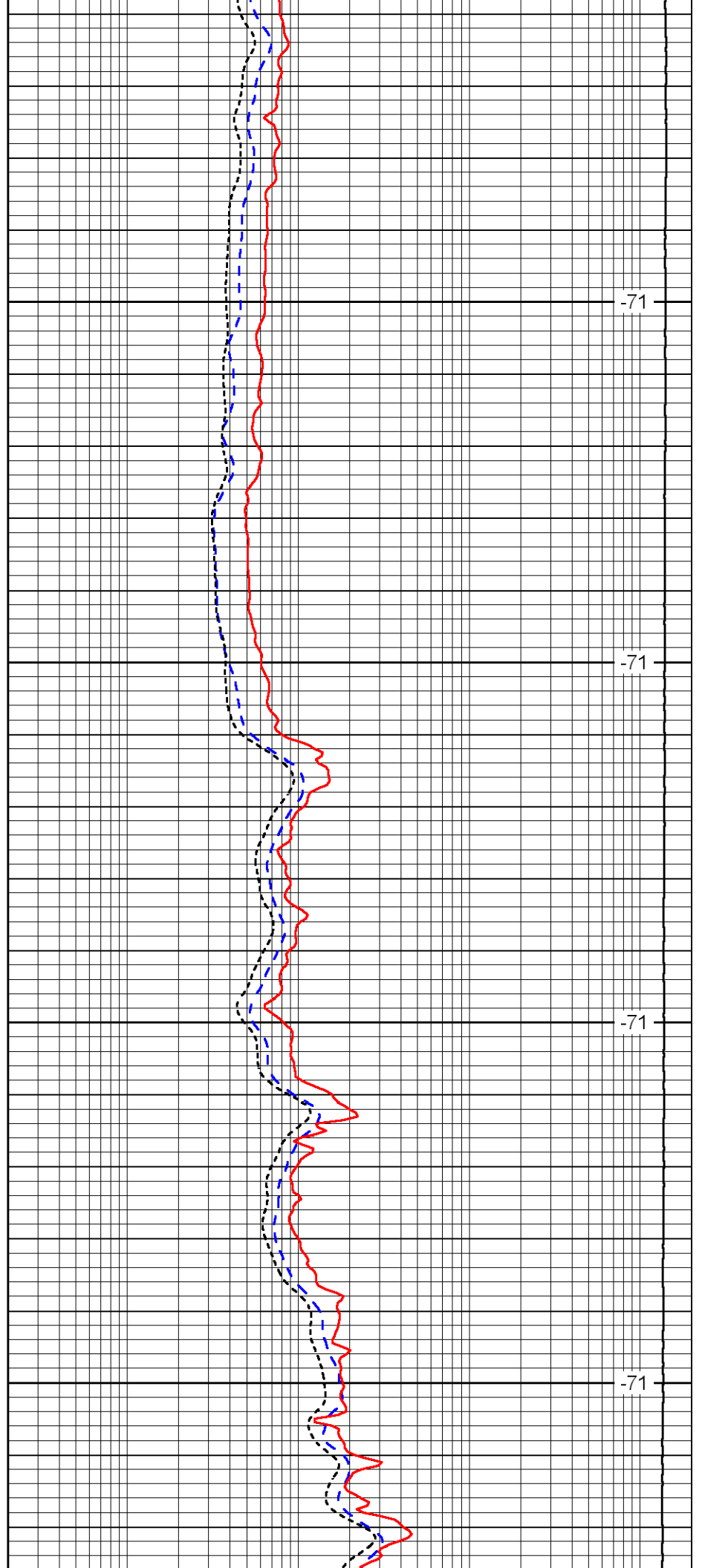


450

500

550

600

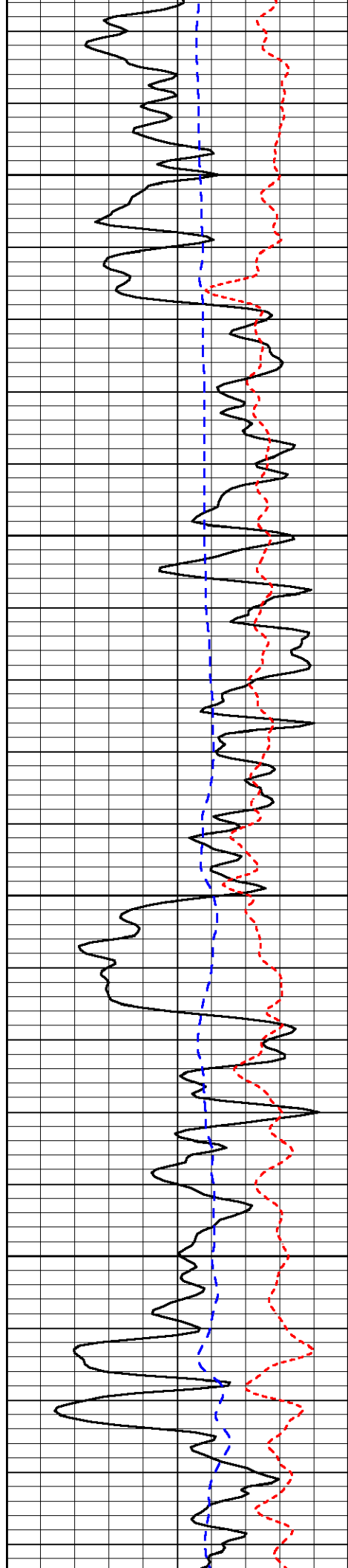


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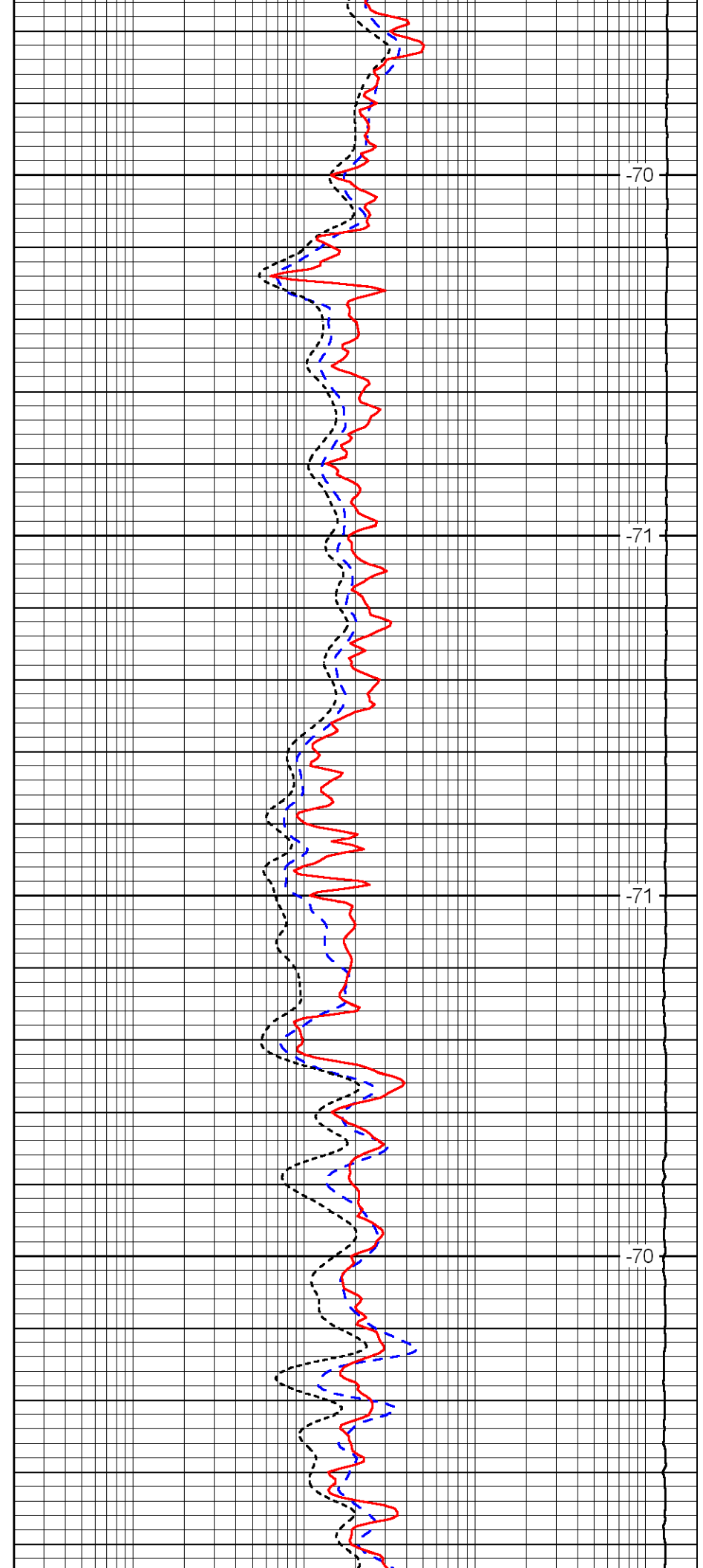


650

700

750

800

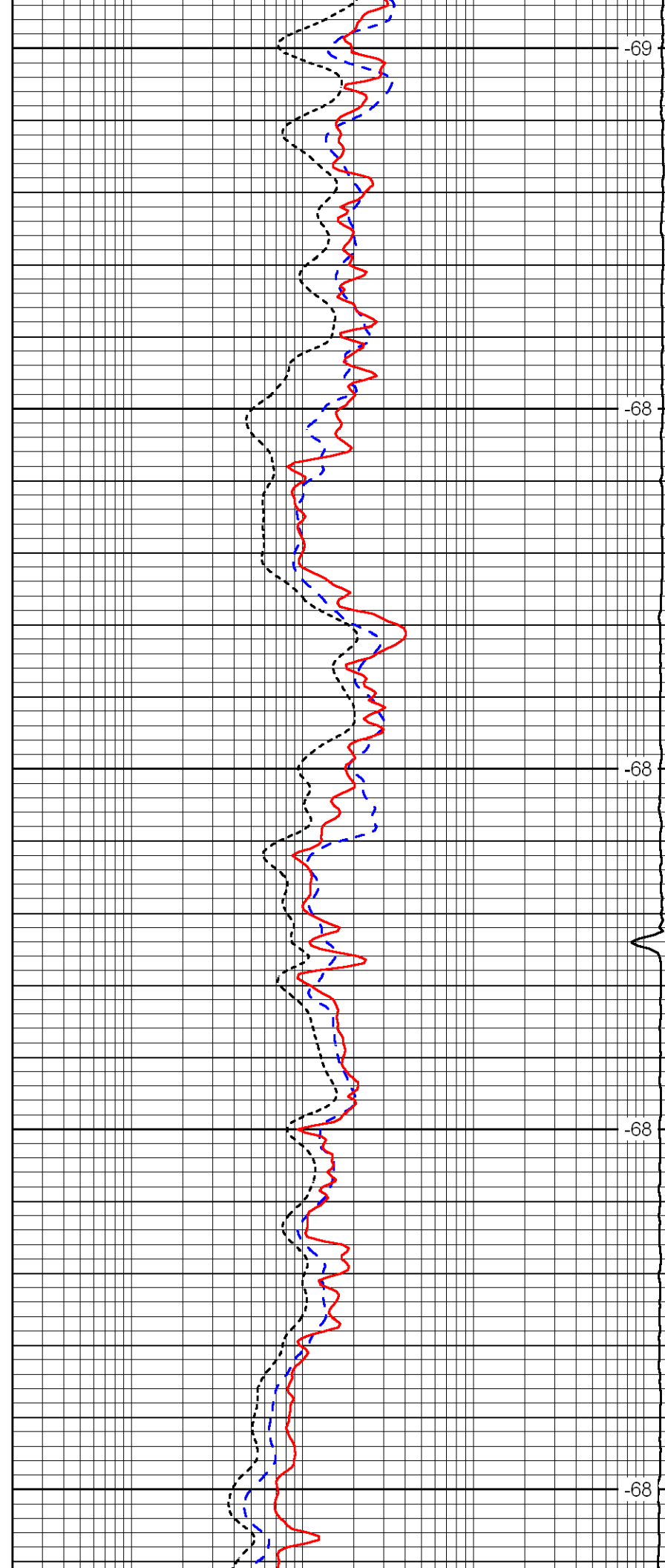
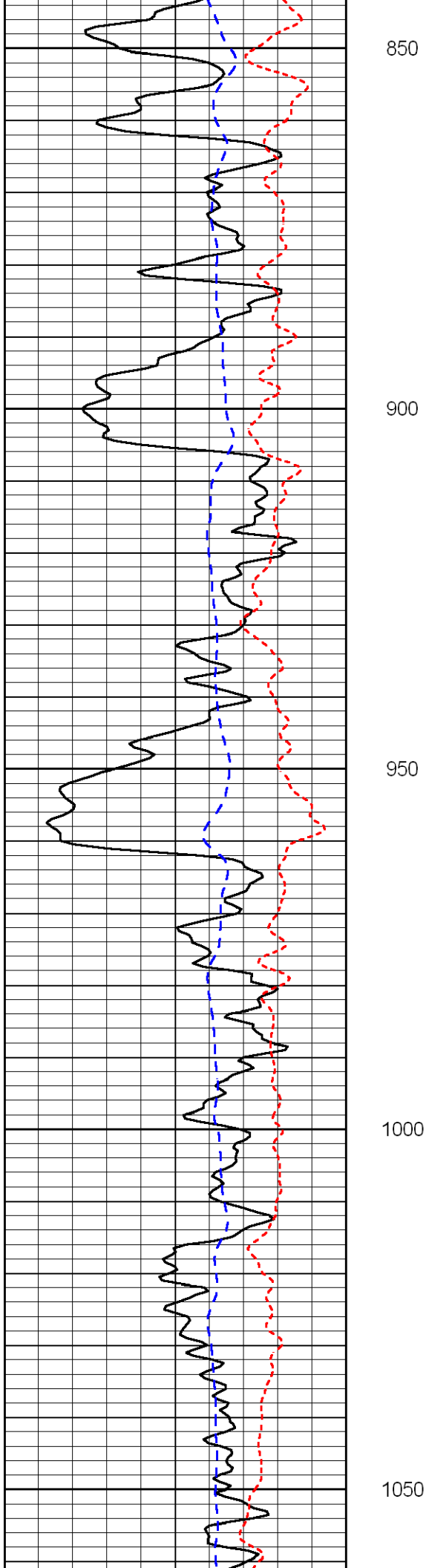


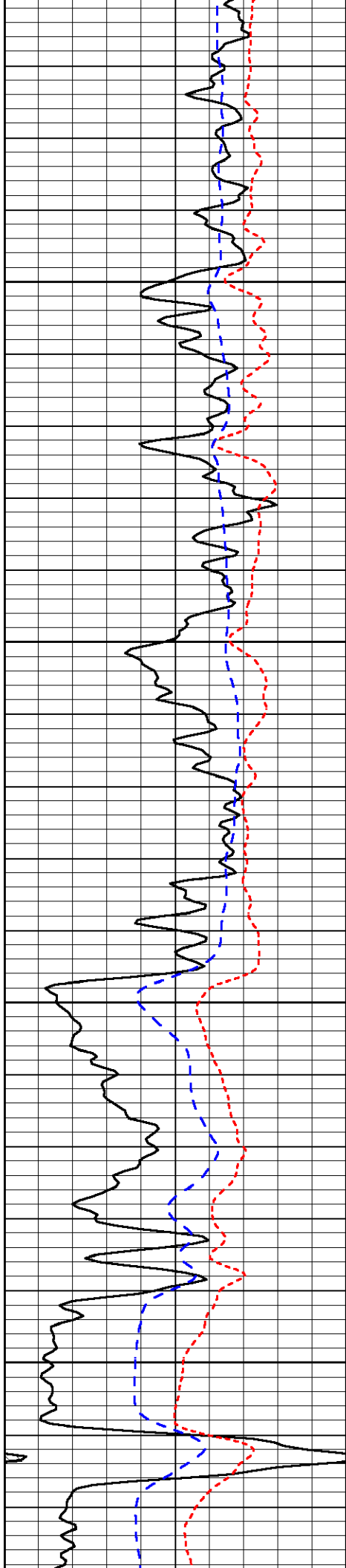
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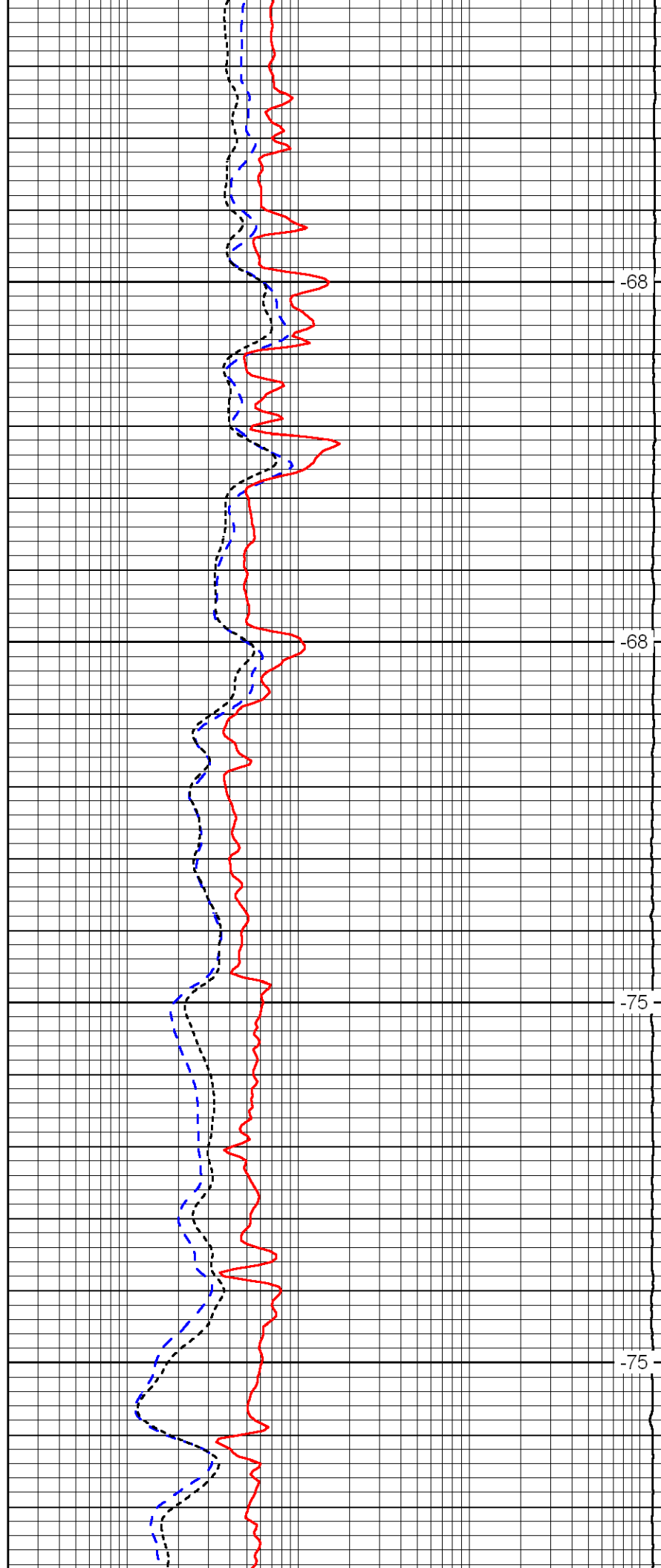


1100

1150

1200

1250

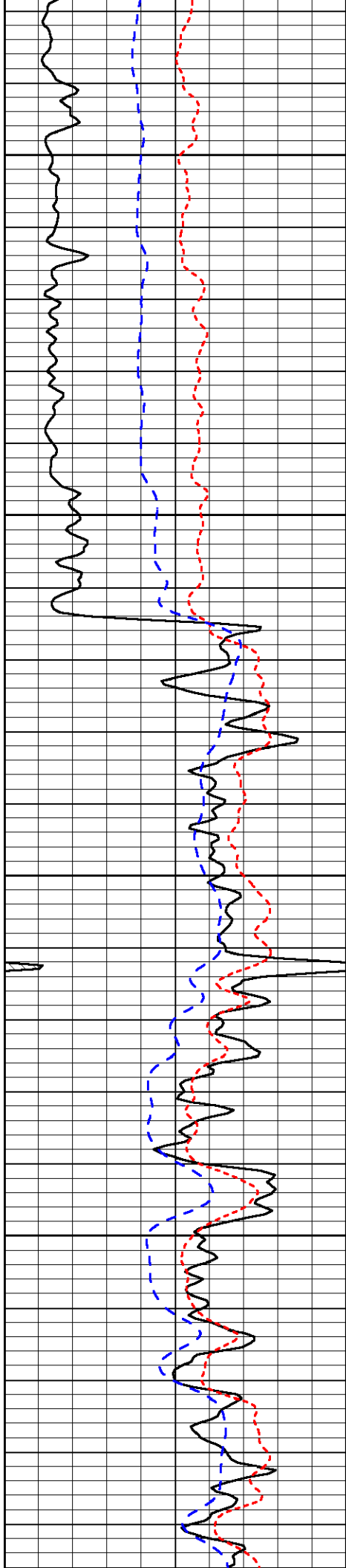


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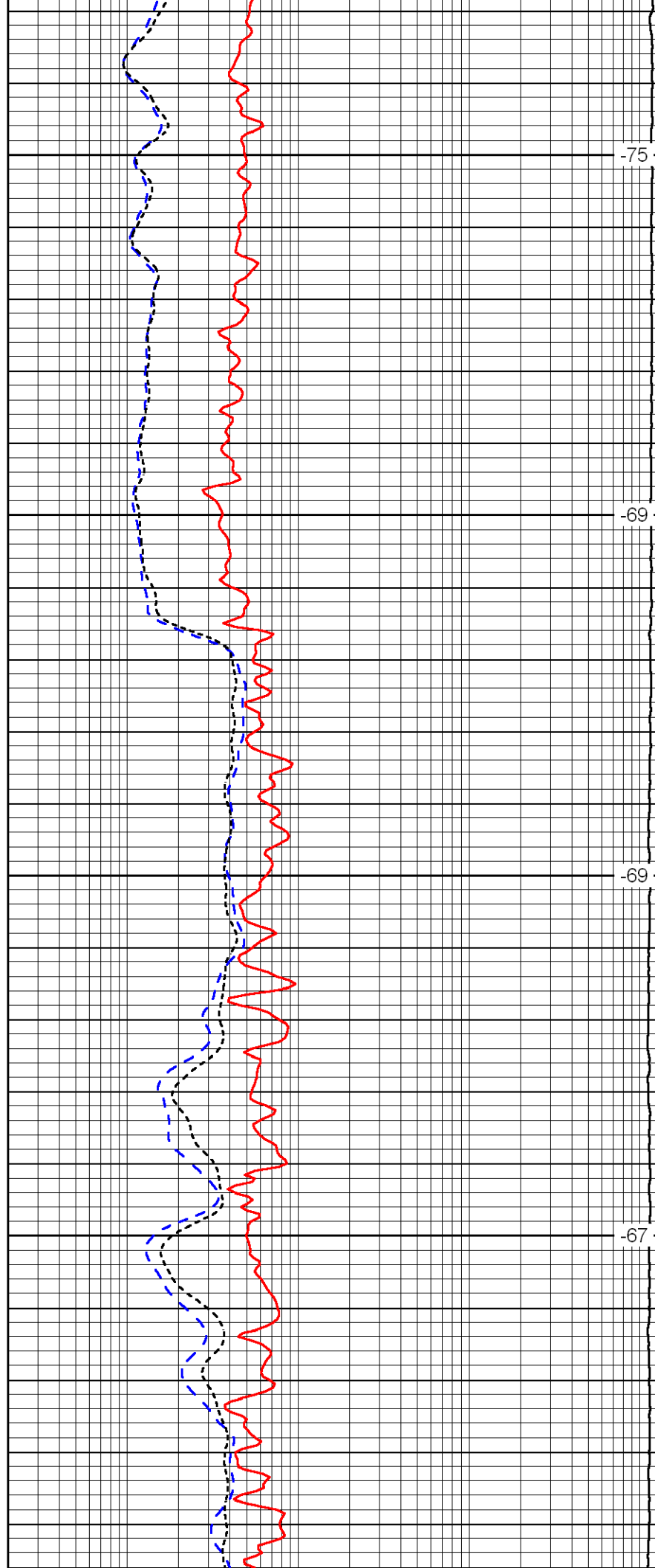


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1400

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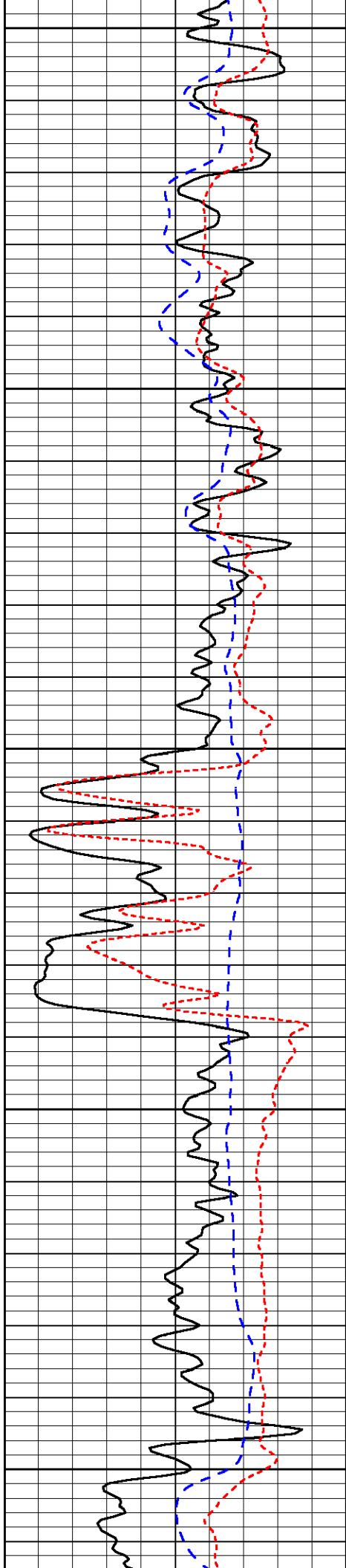


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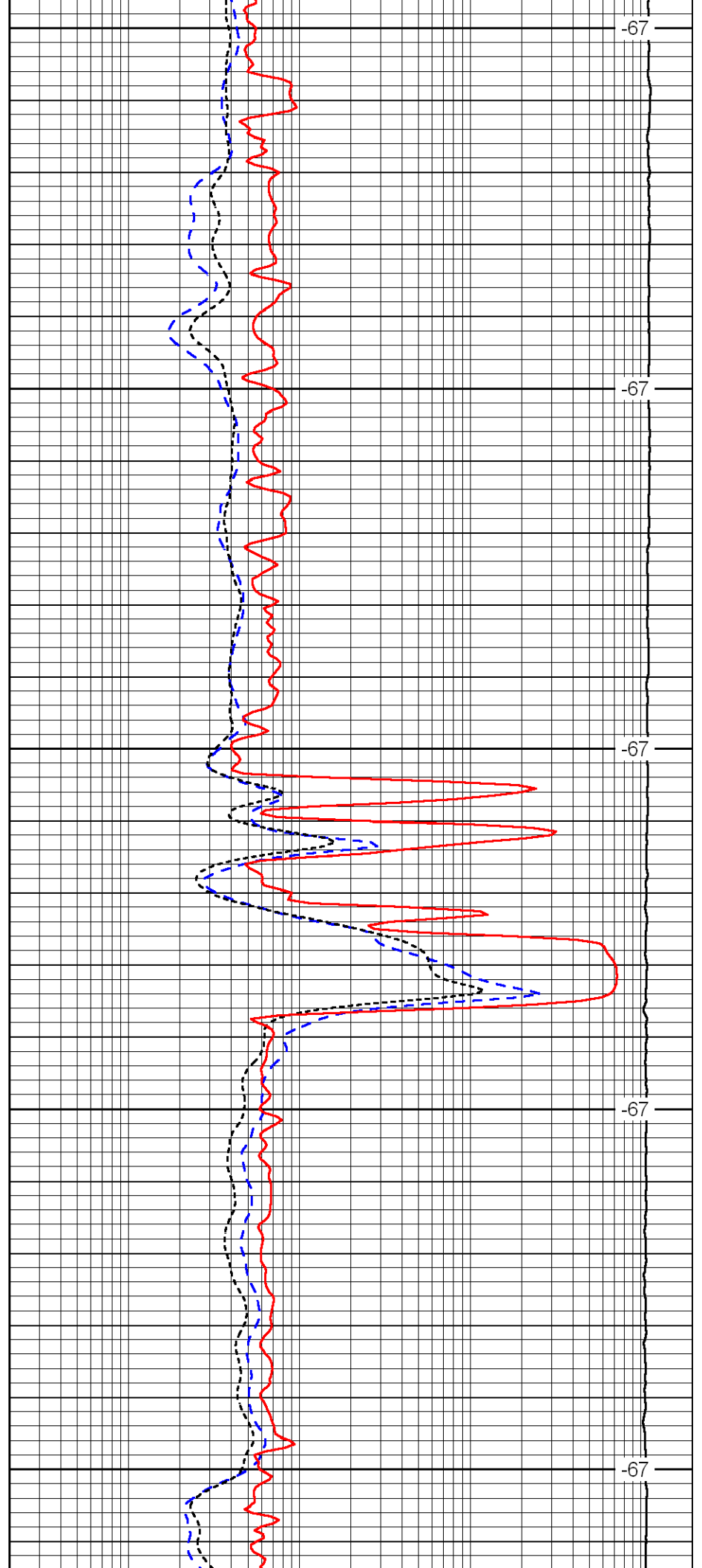
1500

1550

1600

1650

1700



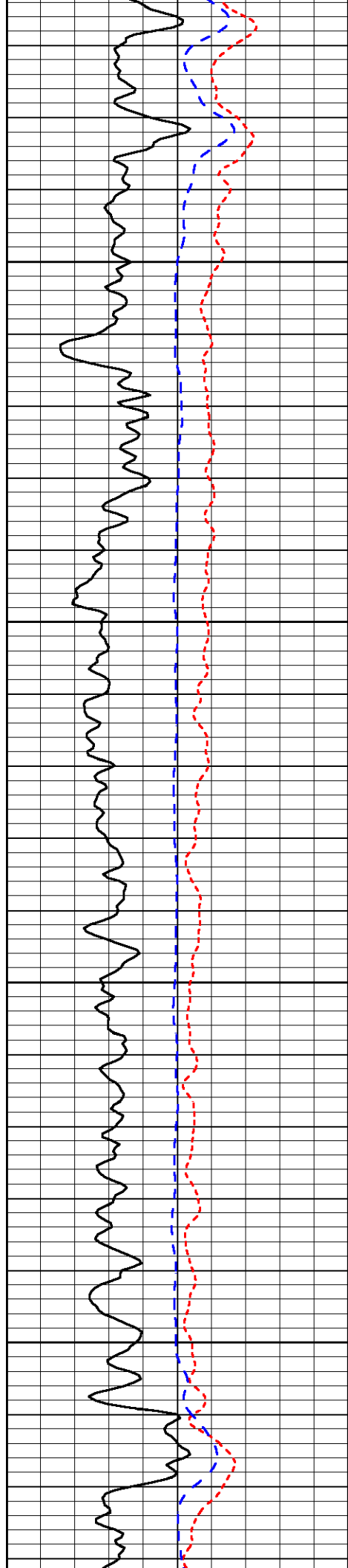
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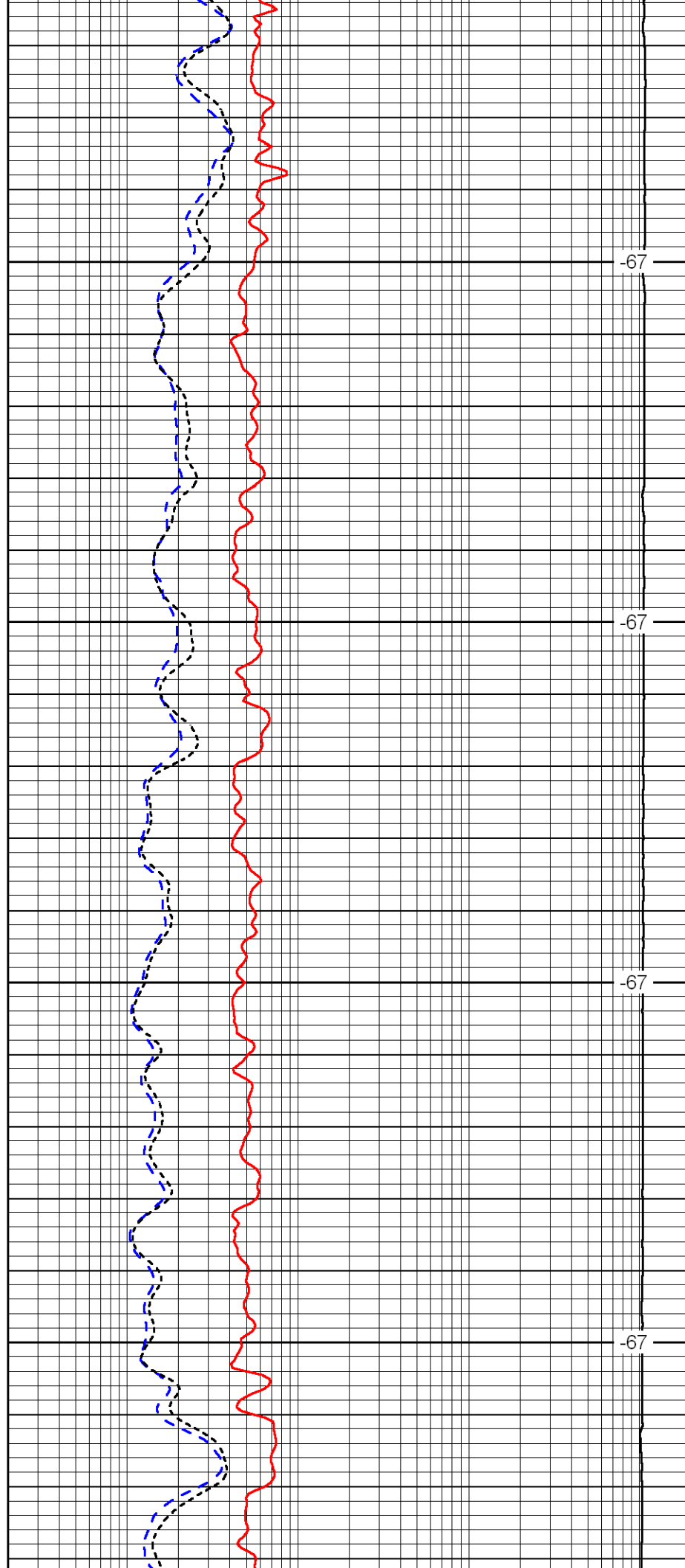


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1850

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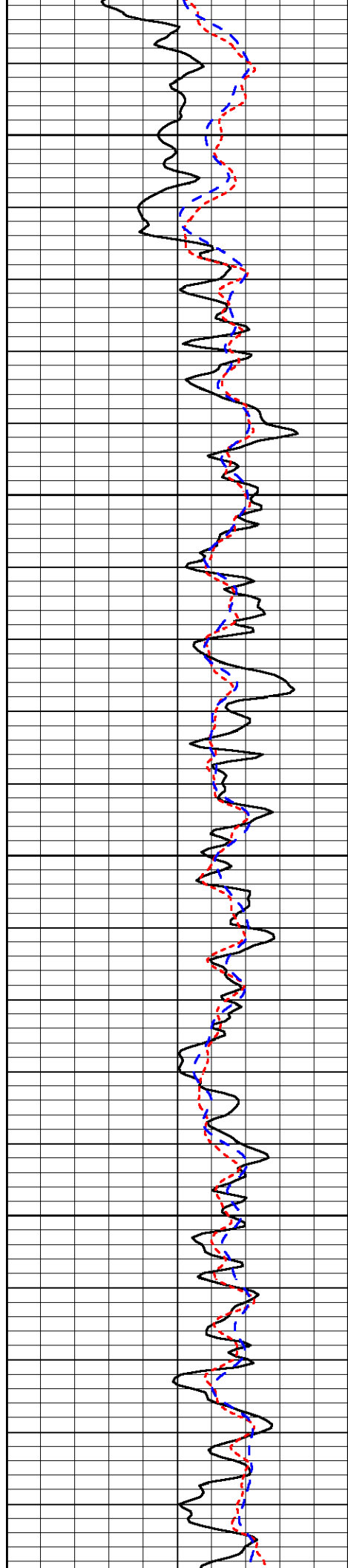


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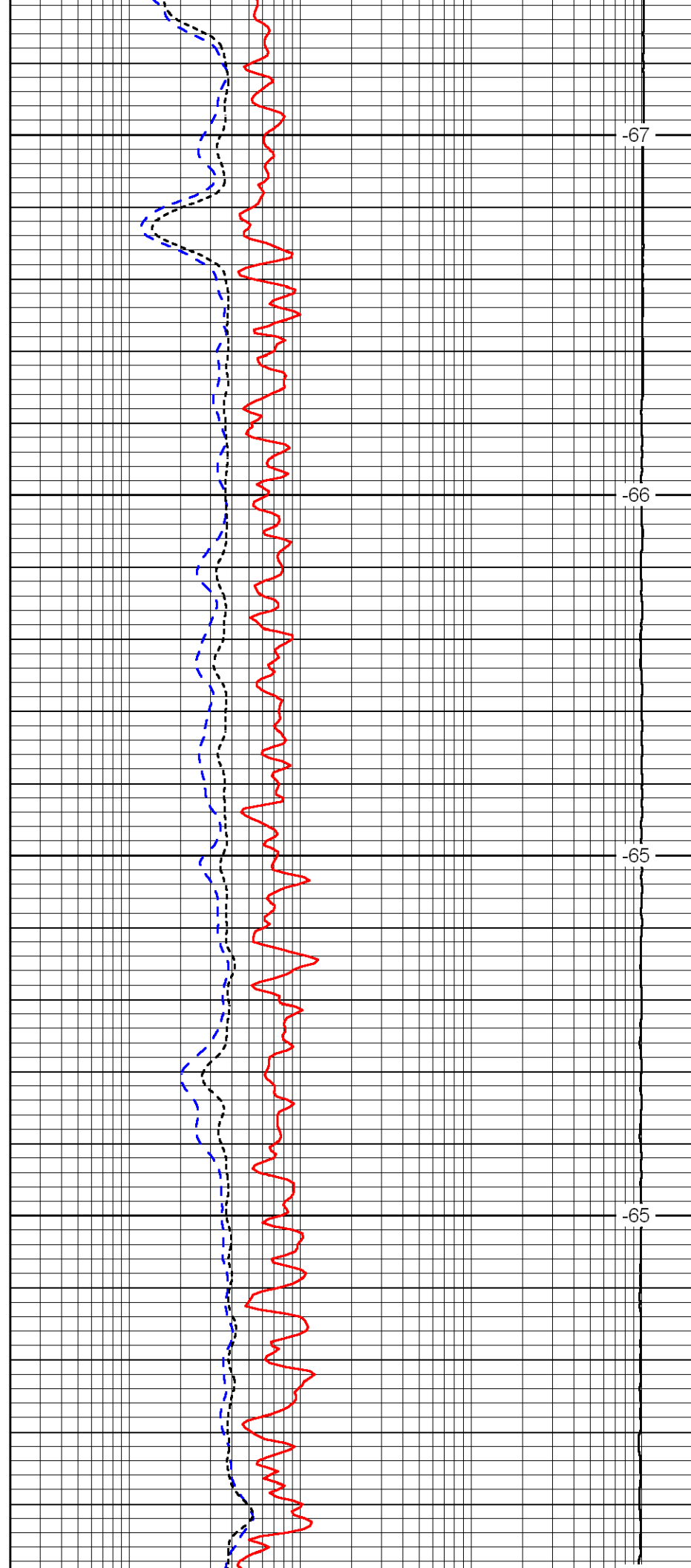


1950

2000

2050

2100

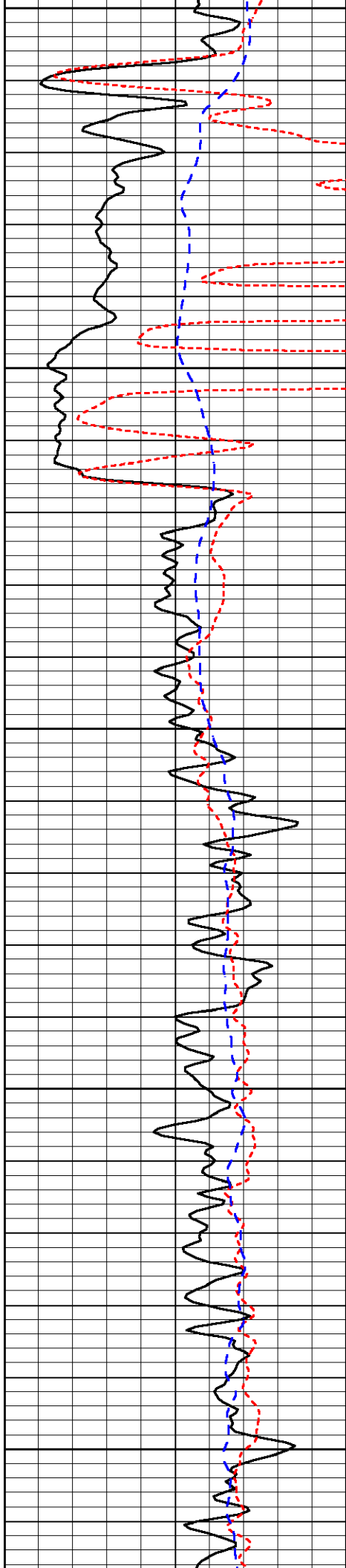


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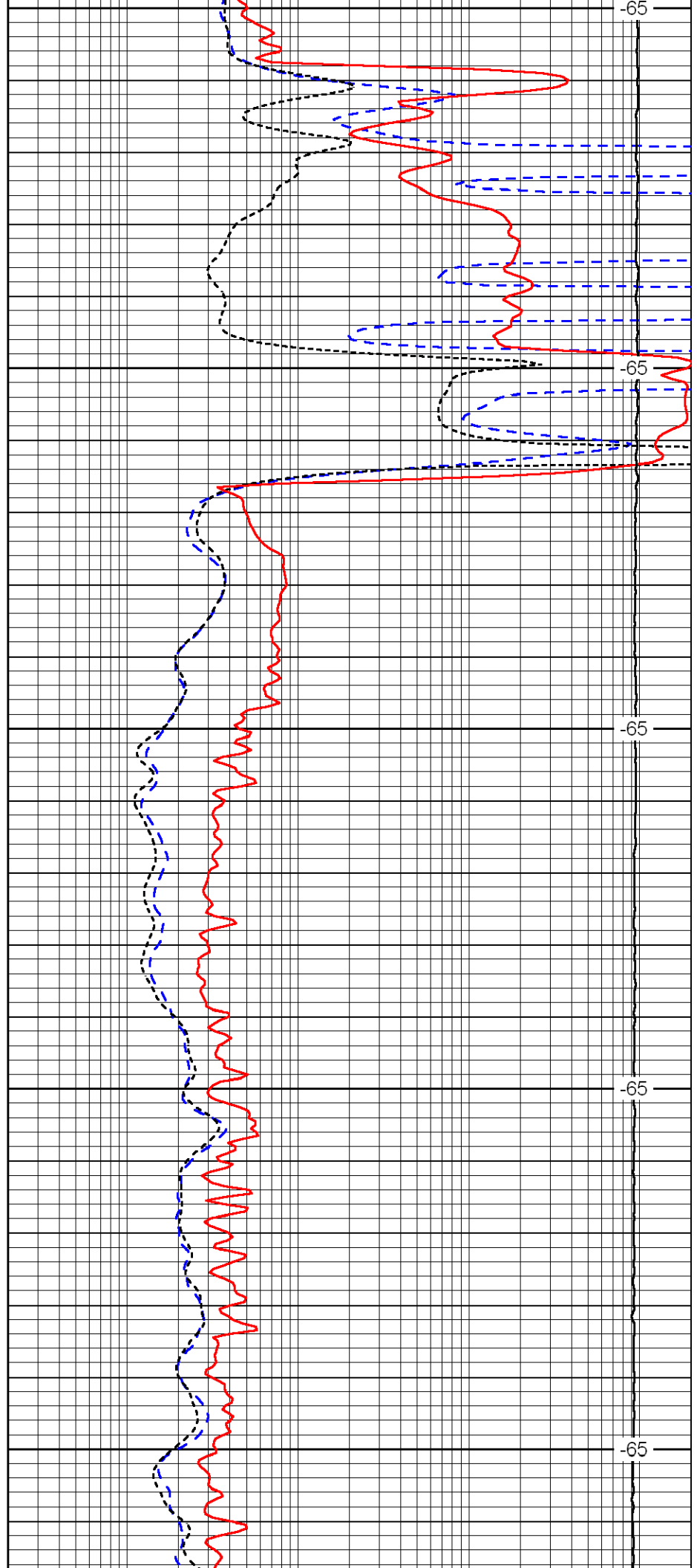
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2200

2250

2300

2350



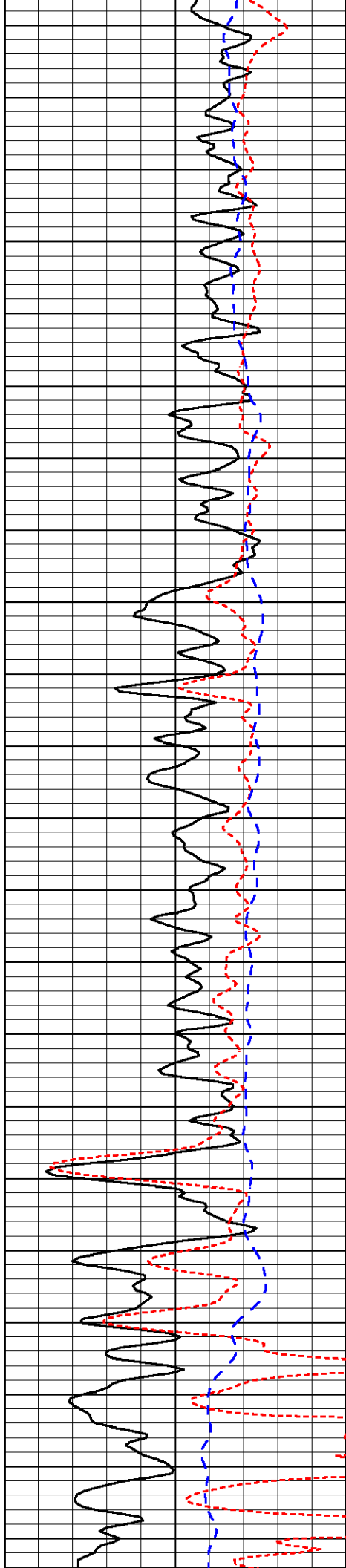
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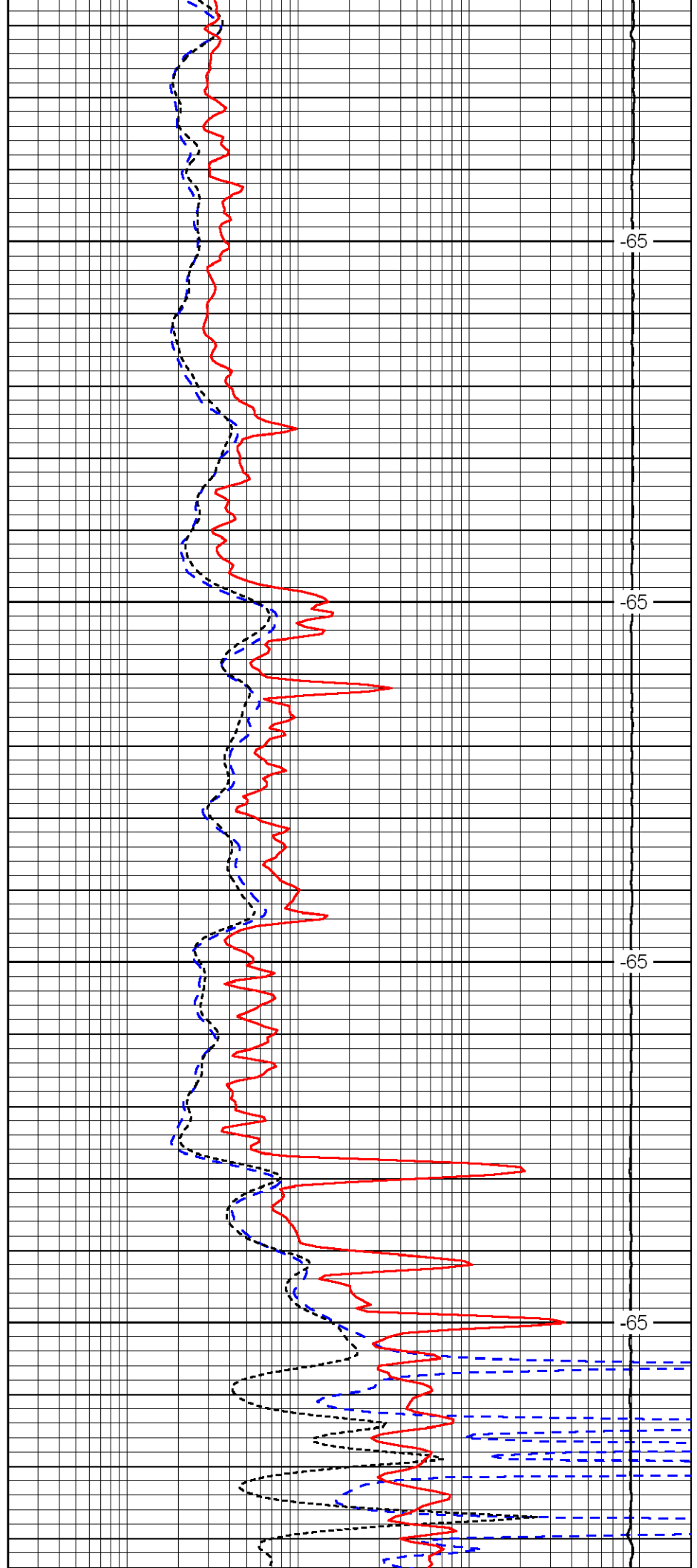


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2450

2500

2550

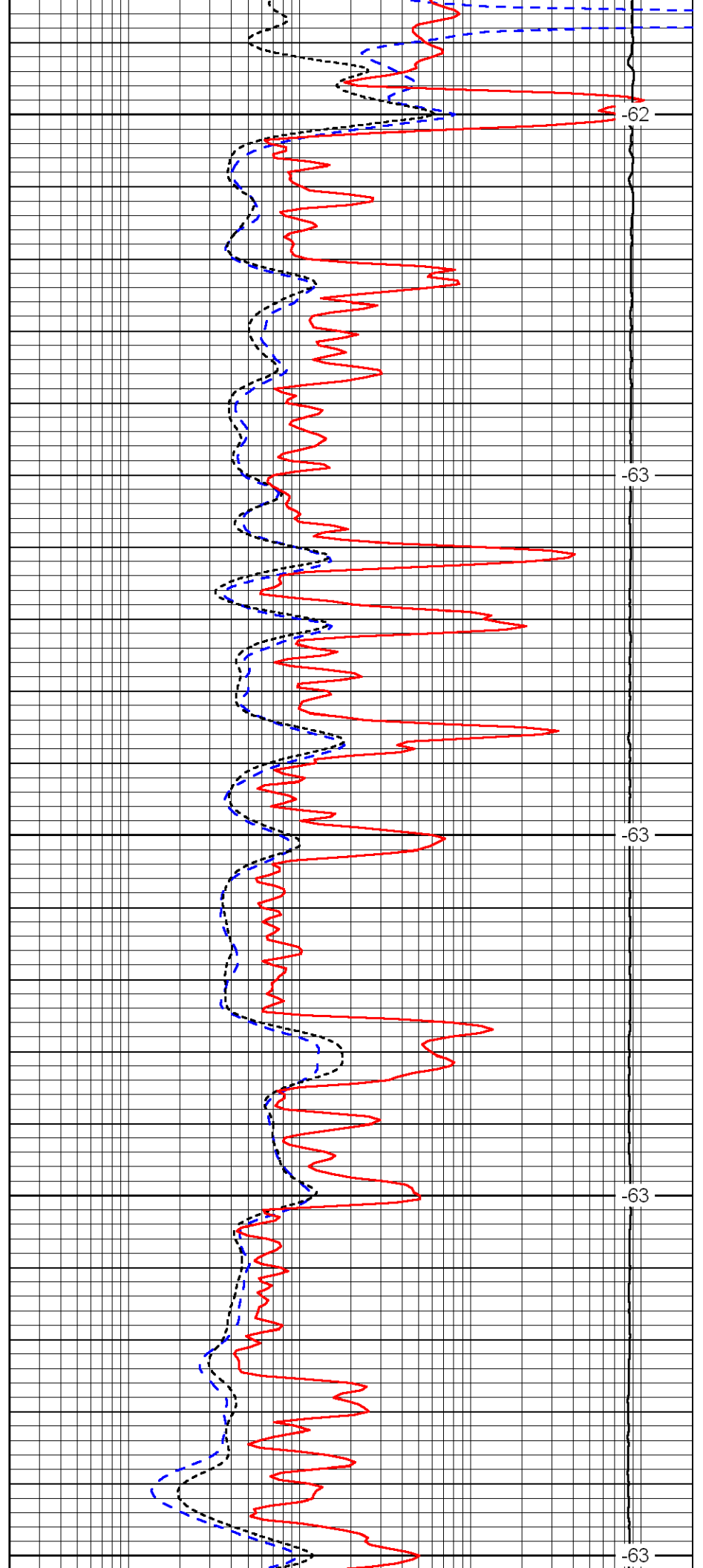
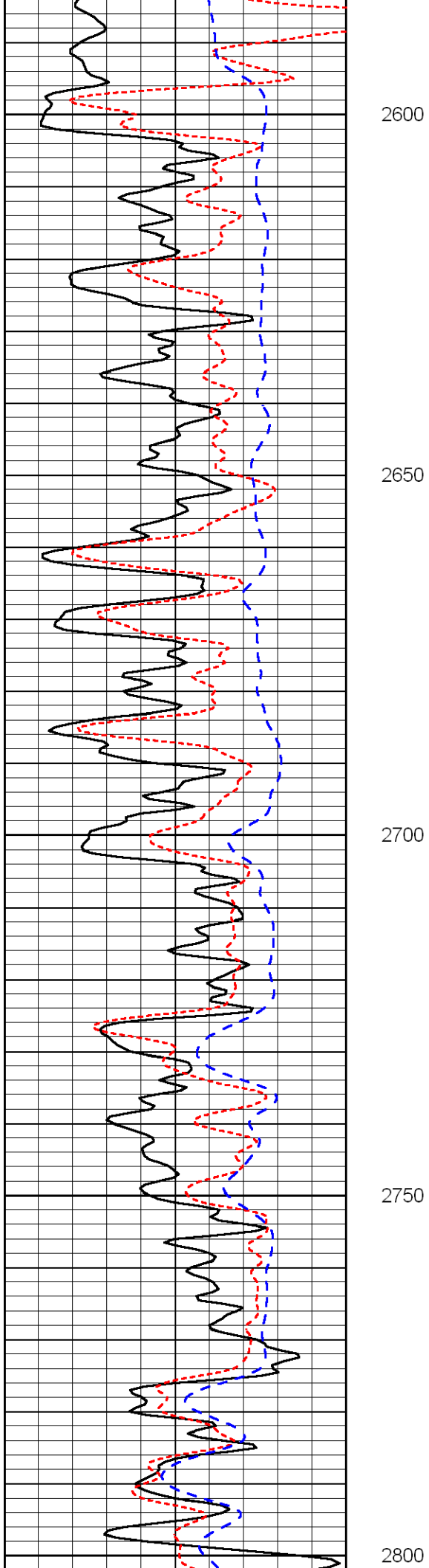


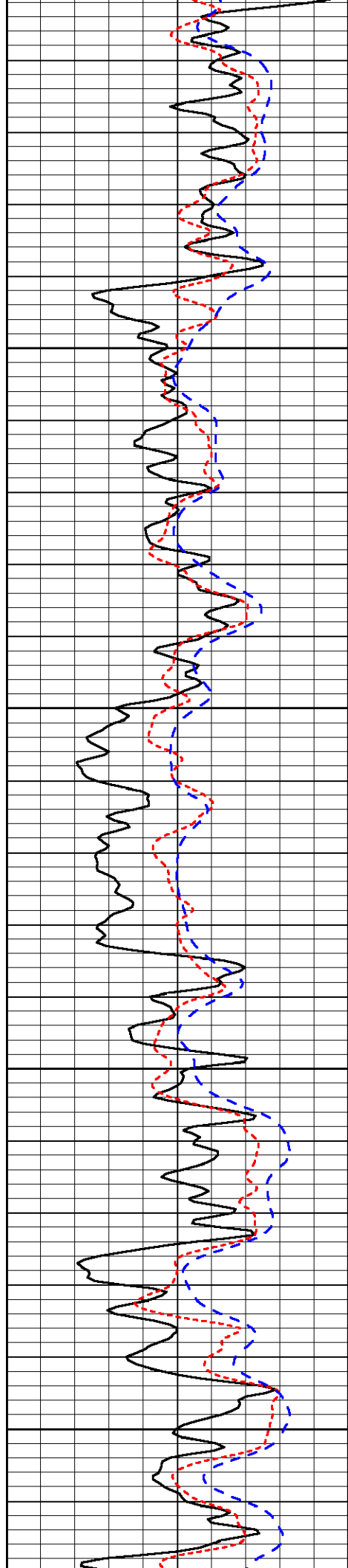
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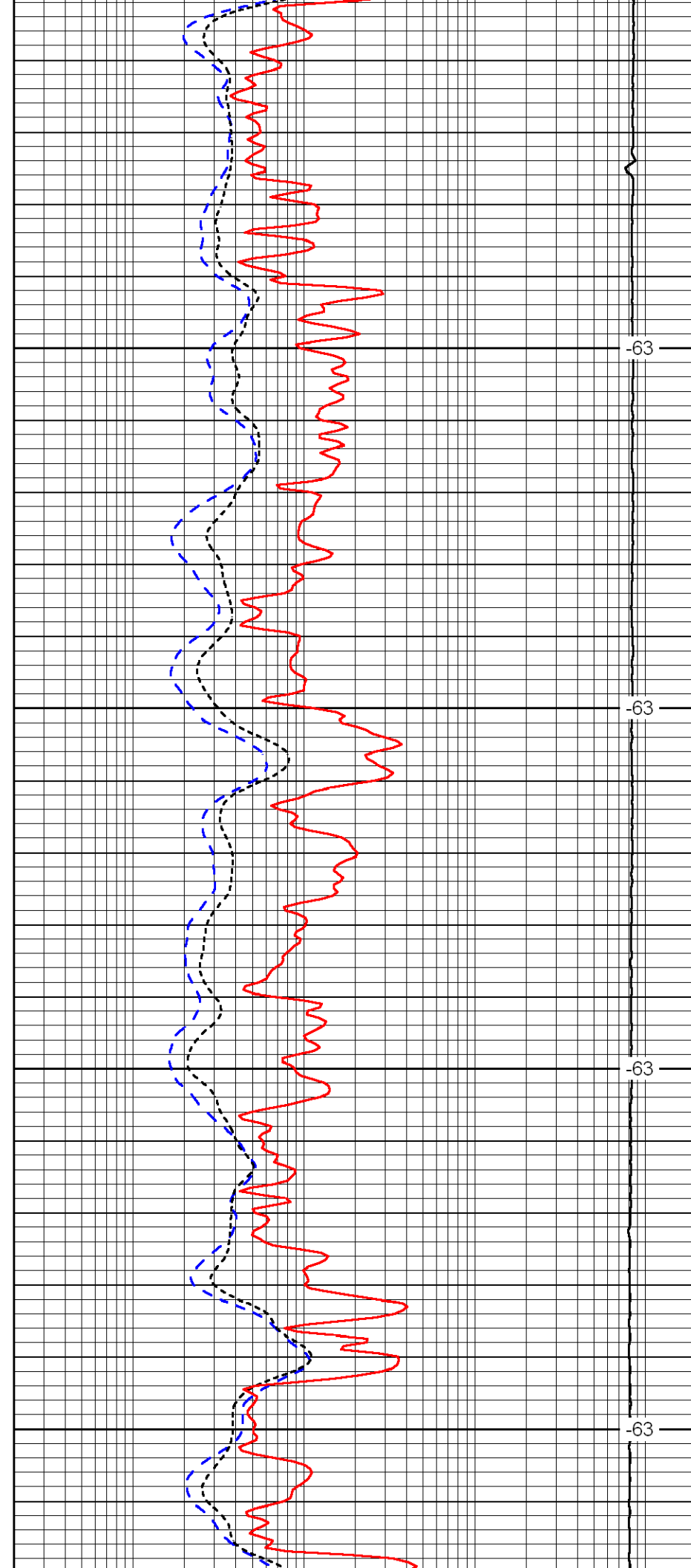


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2950

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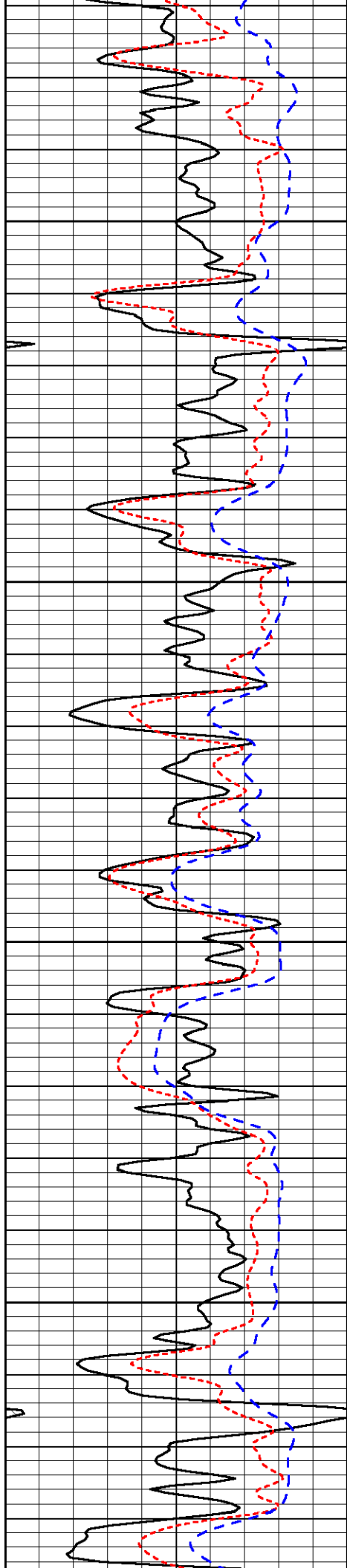


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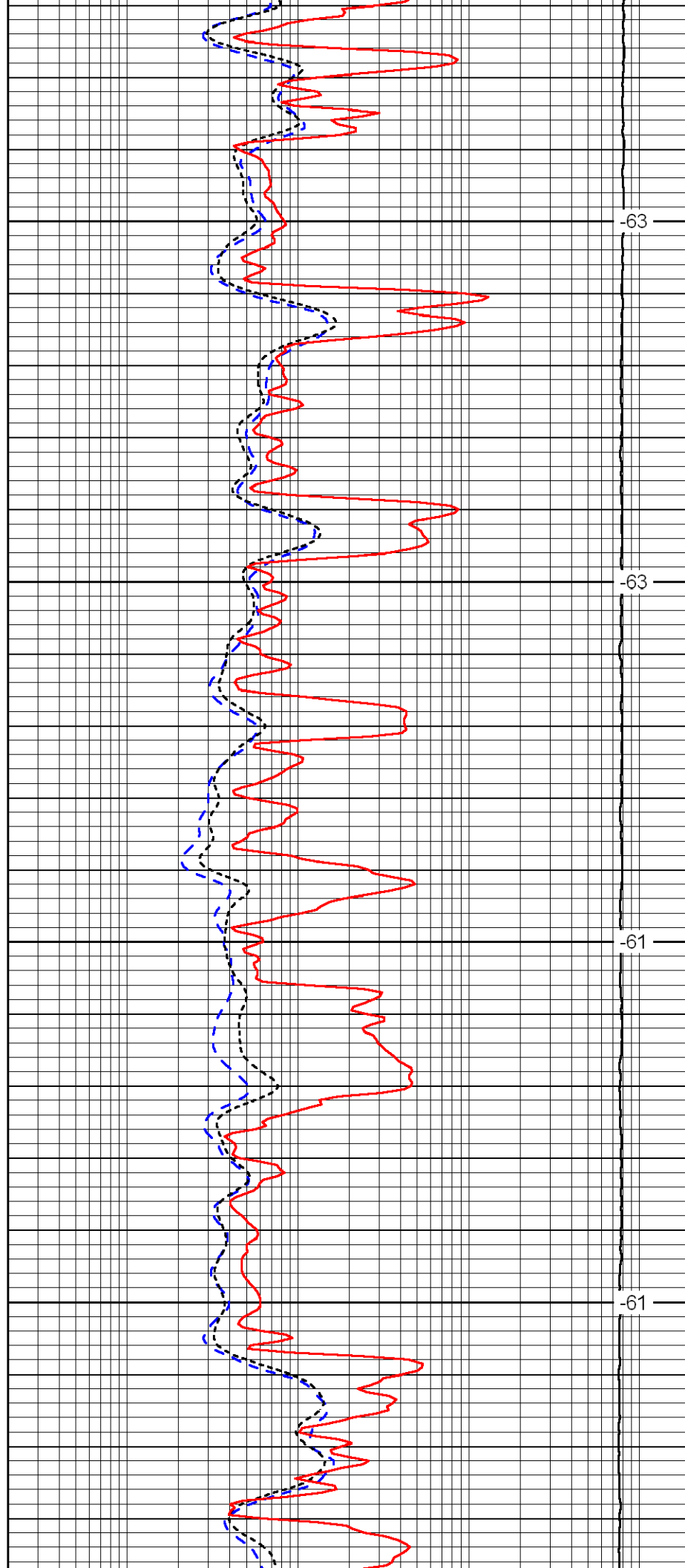


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3150

3200

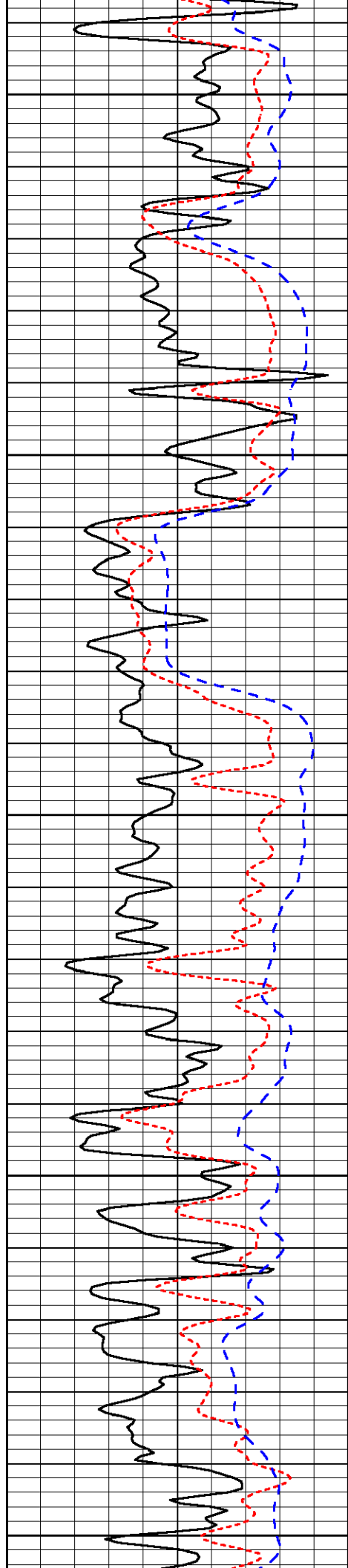


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-61



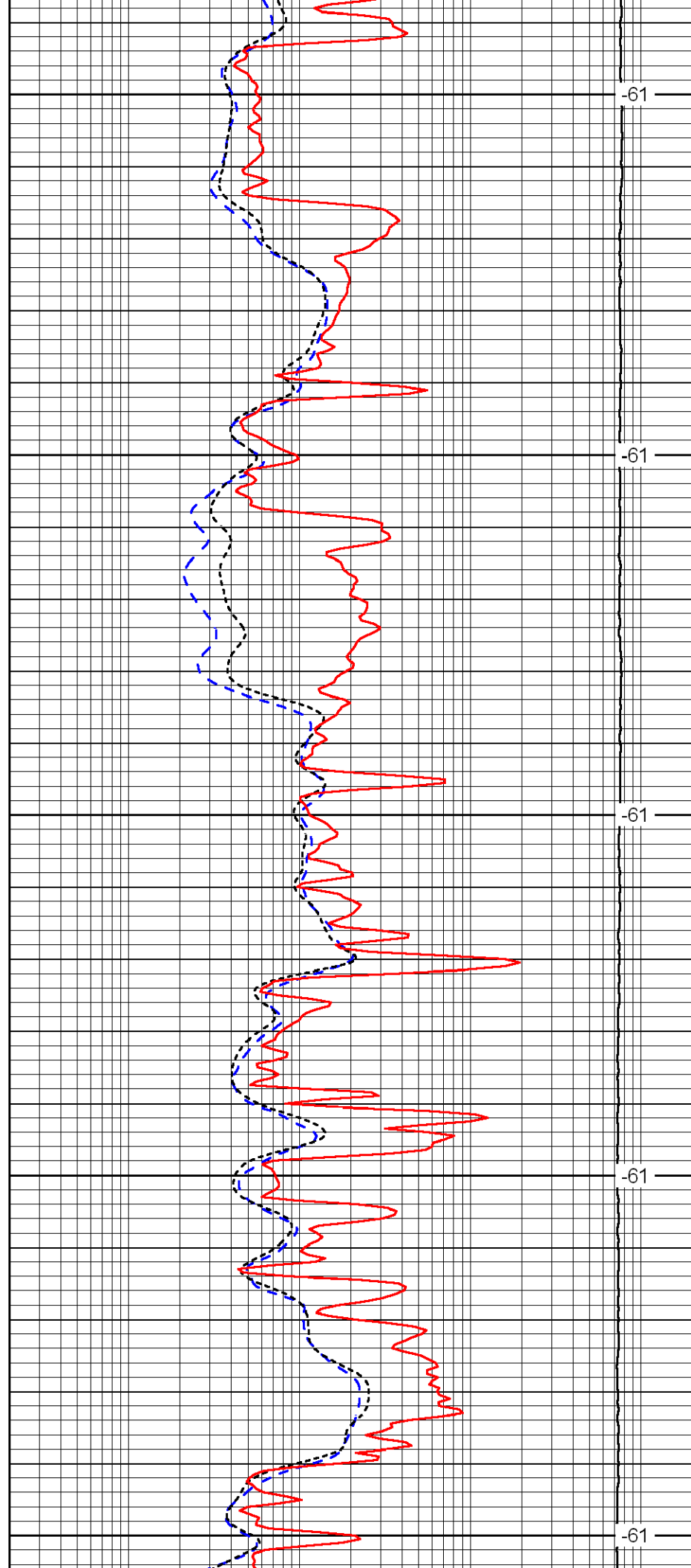
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3350

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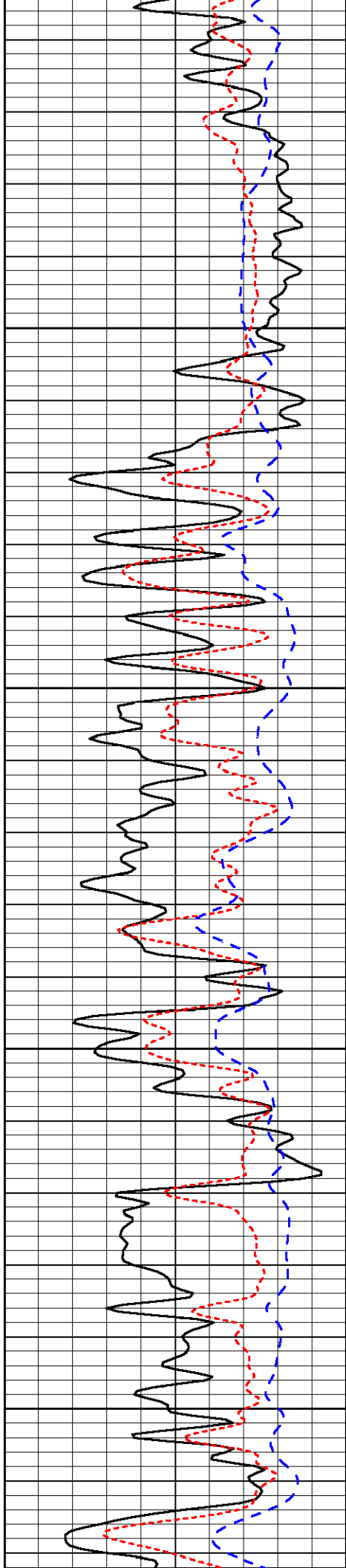
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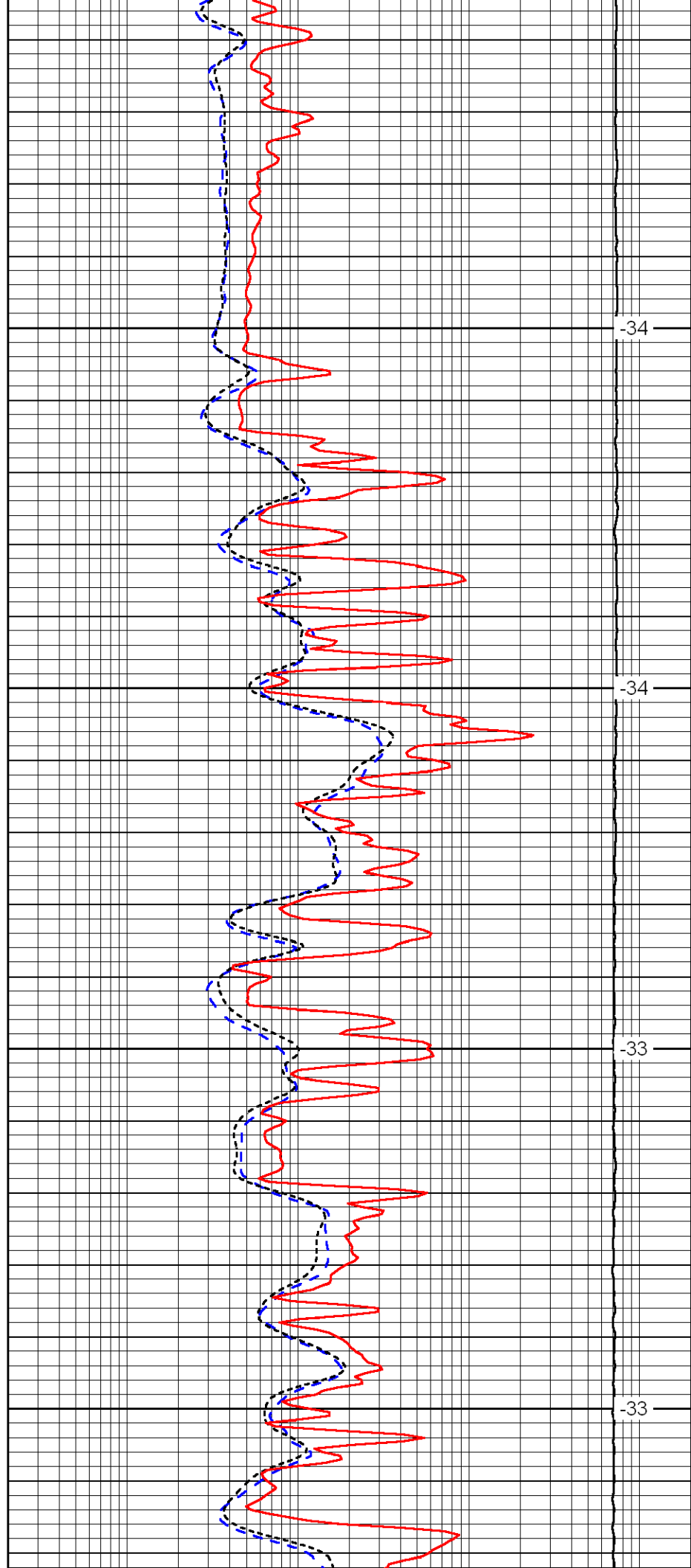


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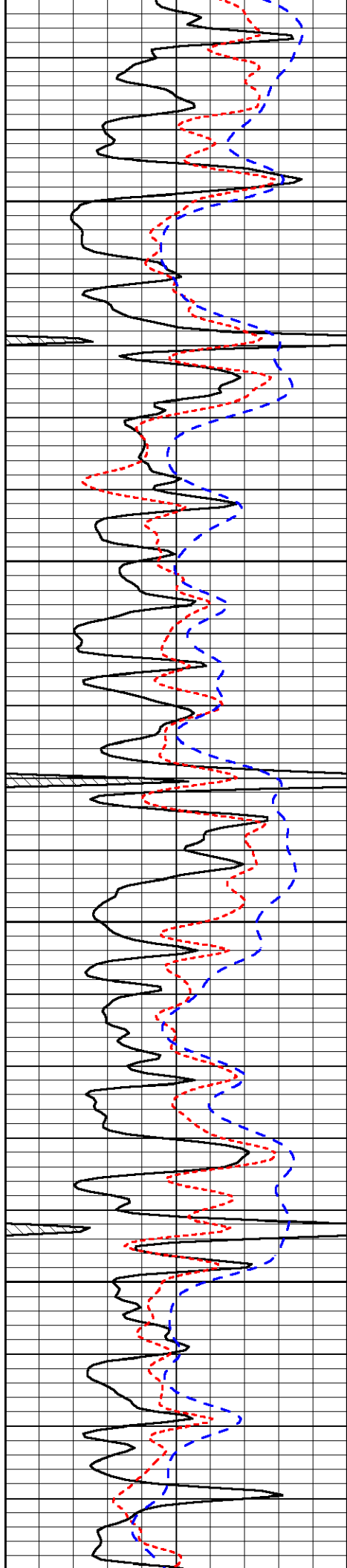


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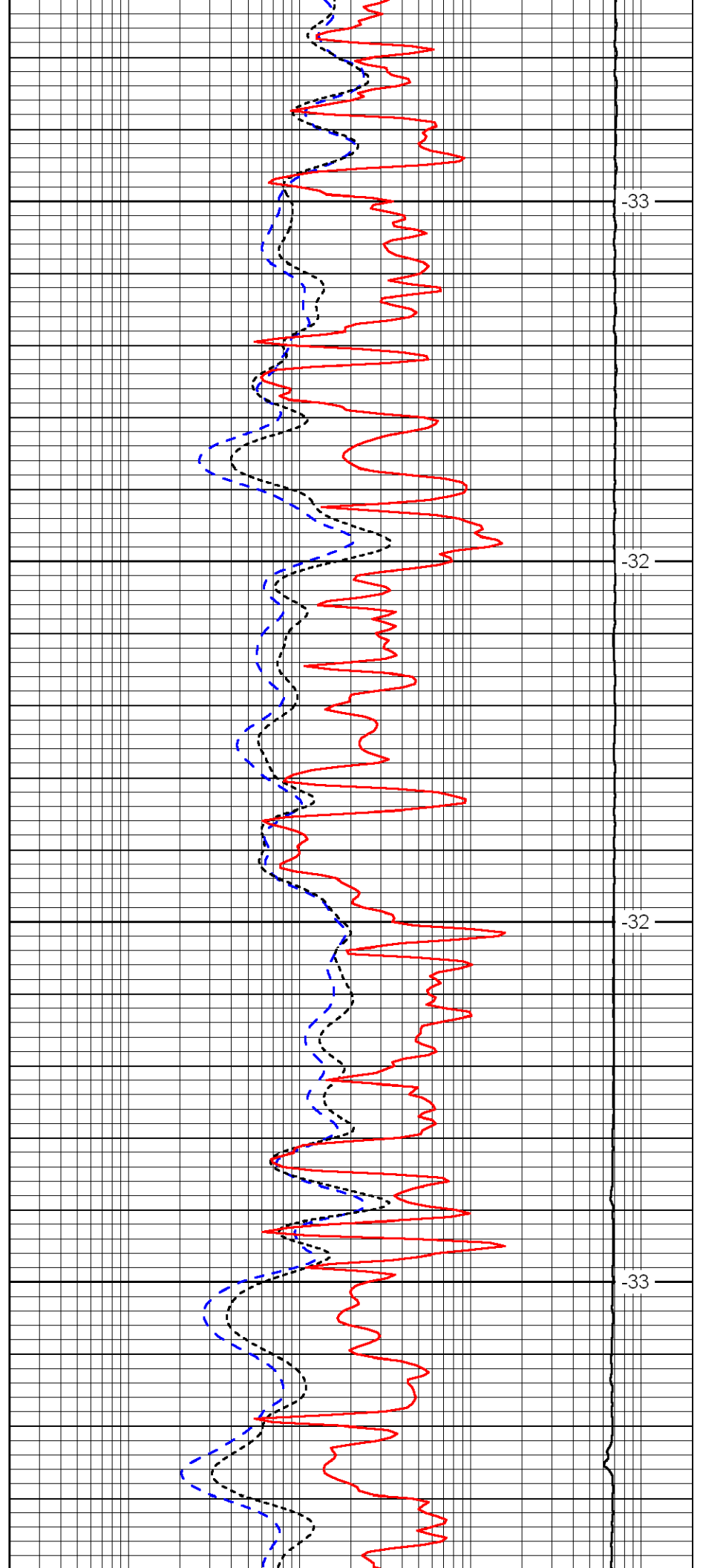


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3750

3800

3850

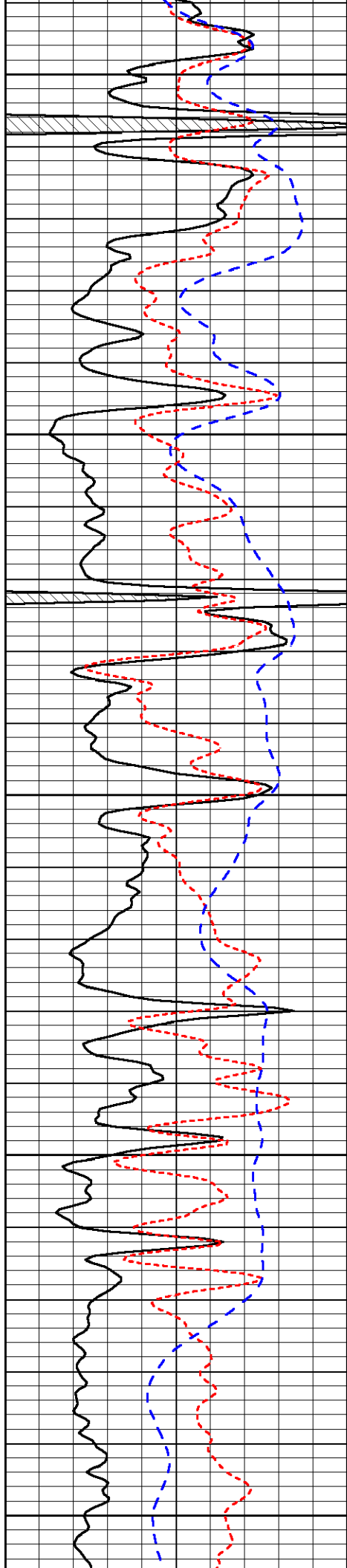


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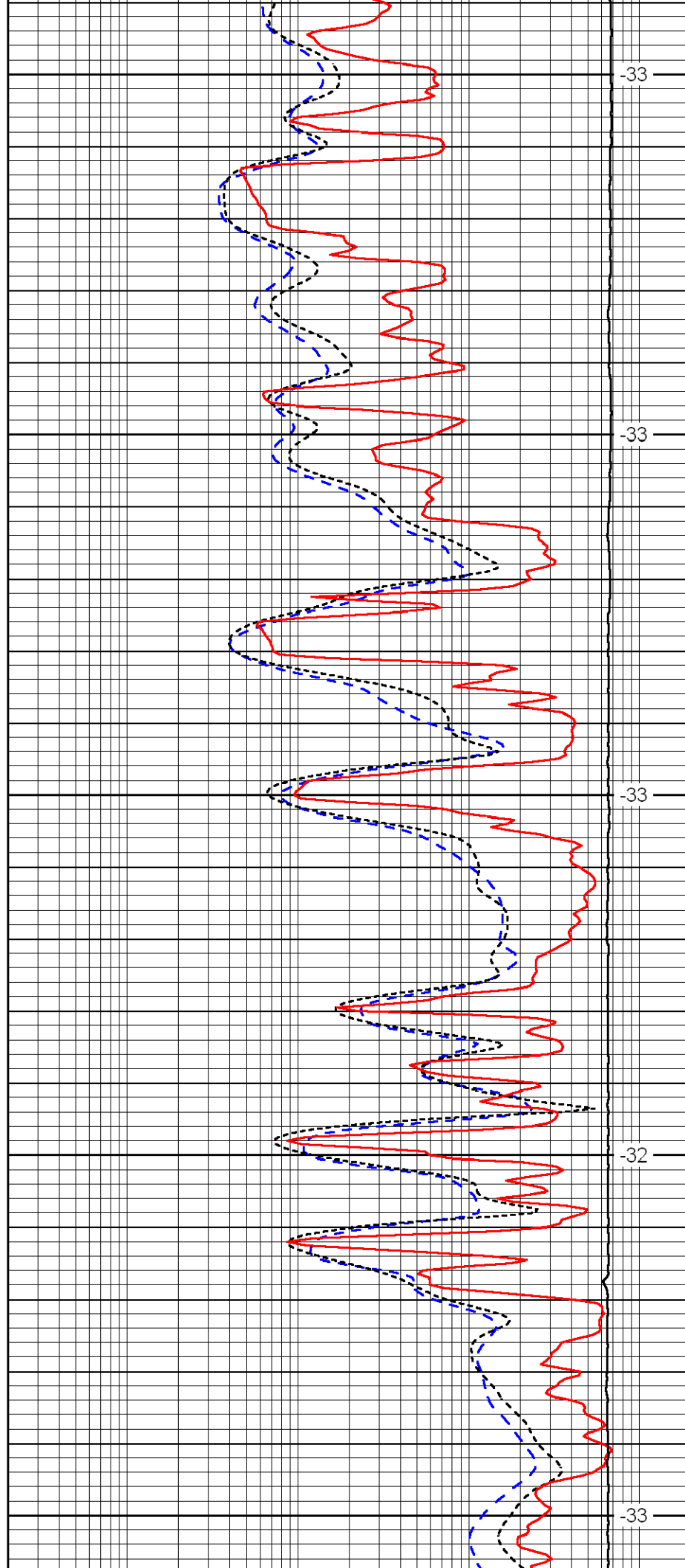
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3950

4000

4050

4100



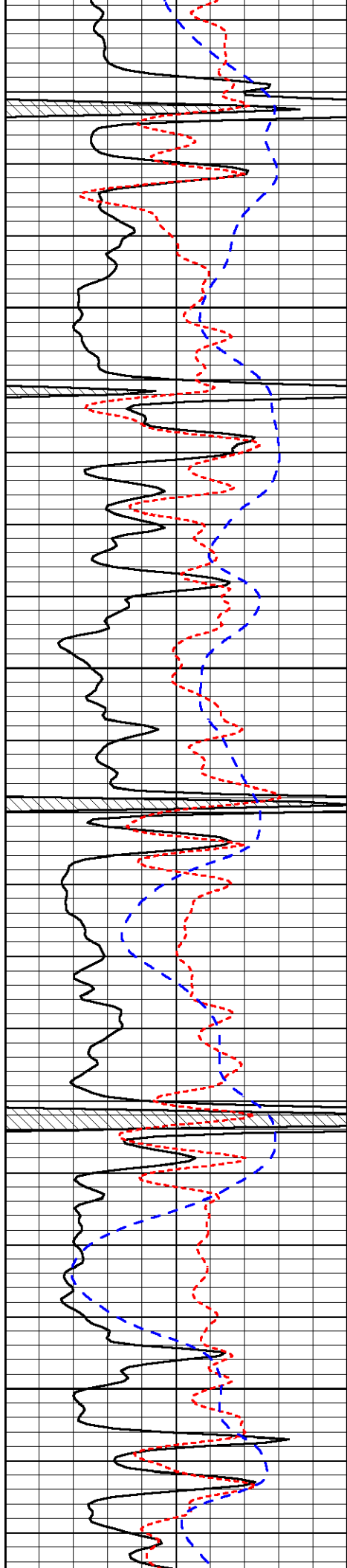
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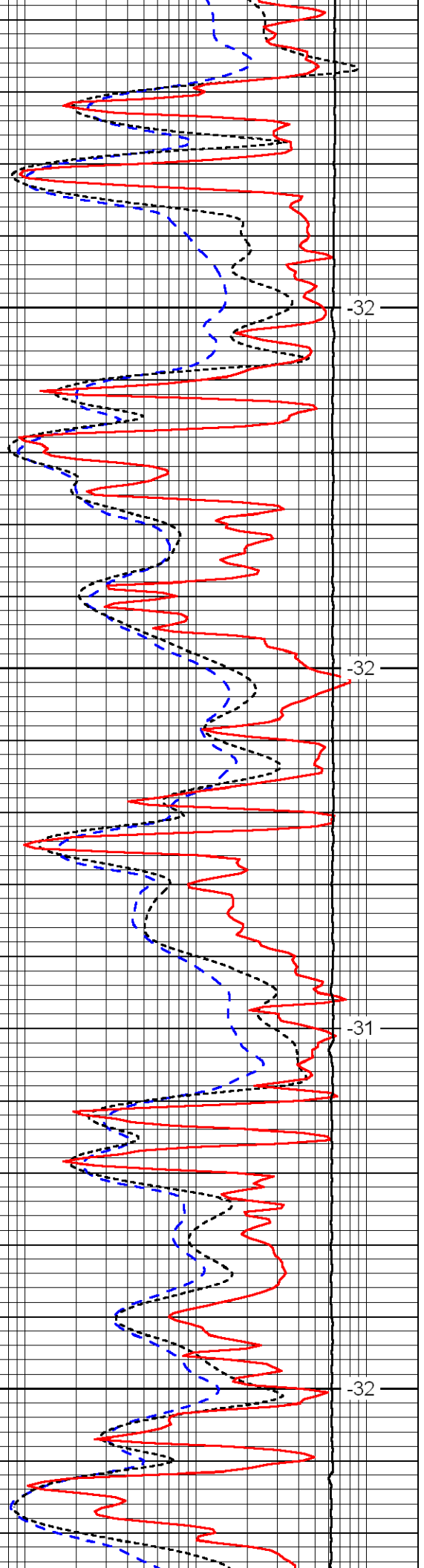


4150

4200

4250

4300

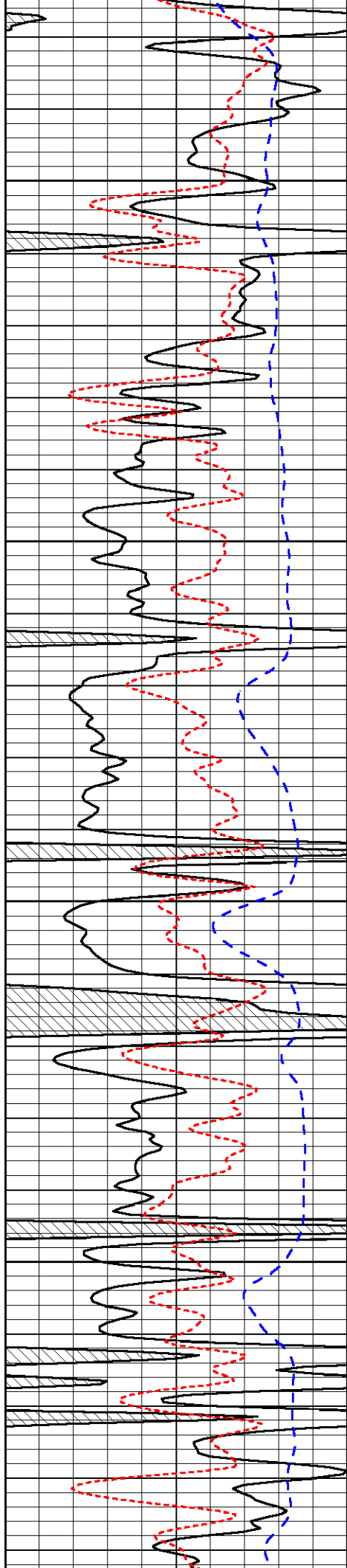


-32

-32

-31

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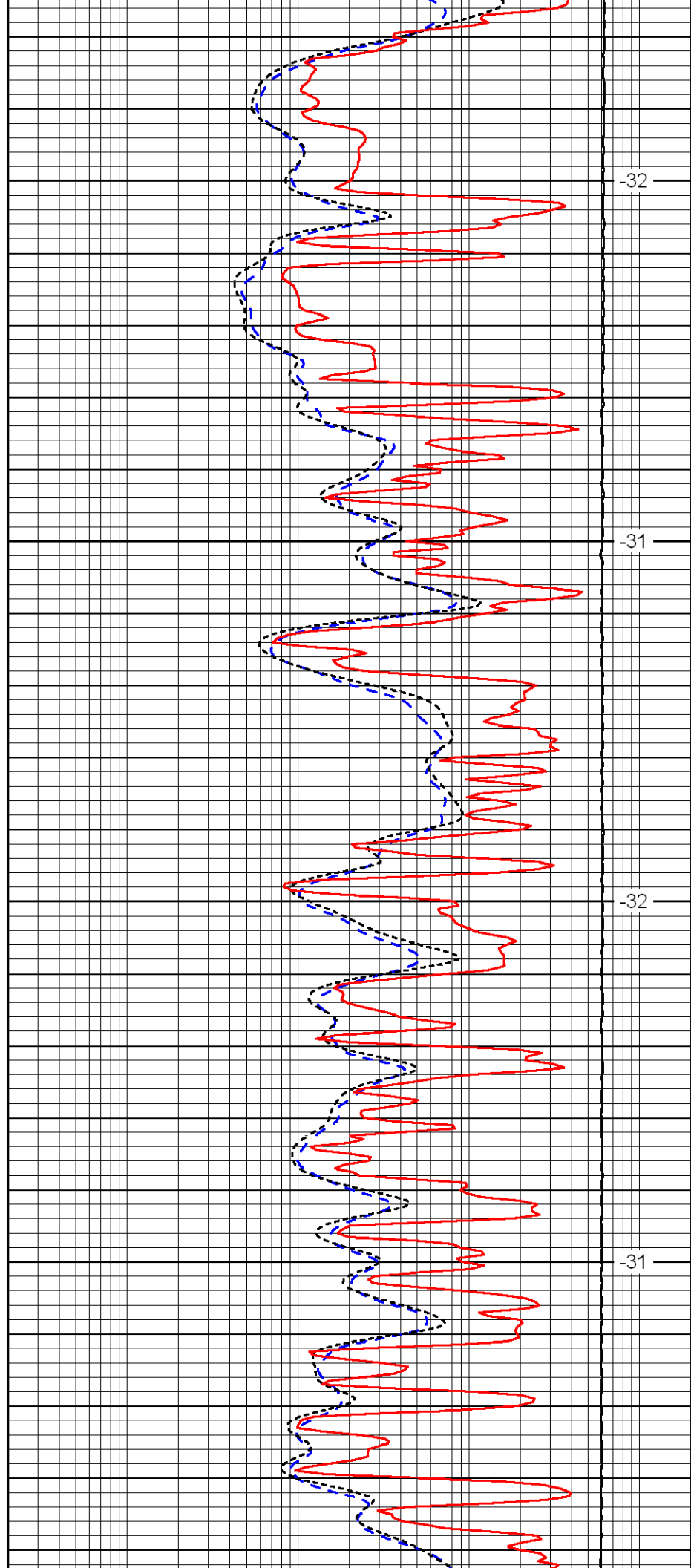


4350

4400

4450

4500

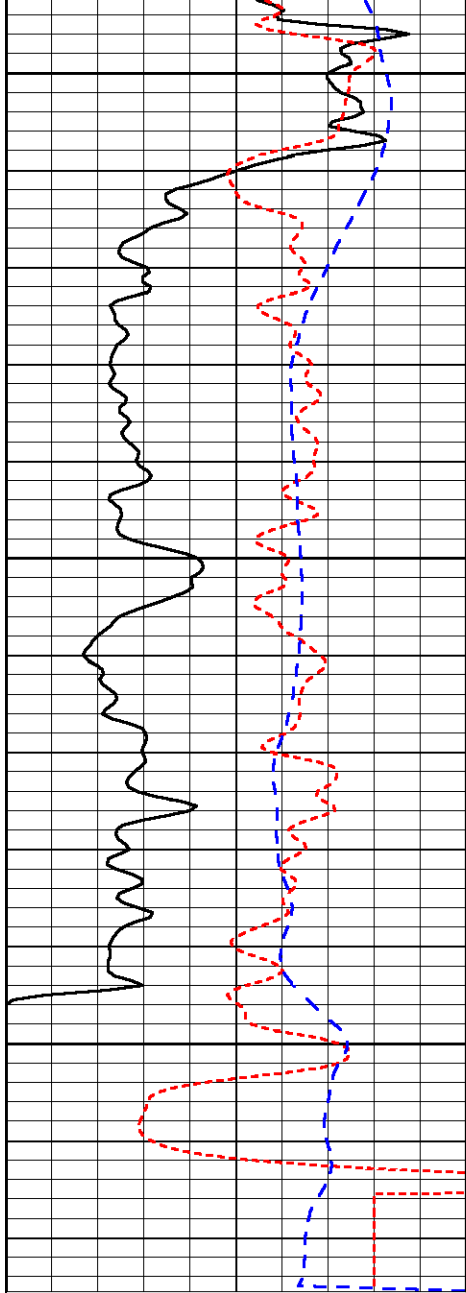


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-31

-32

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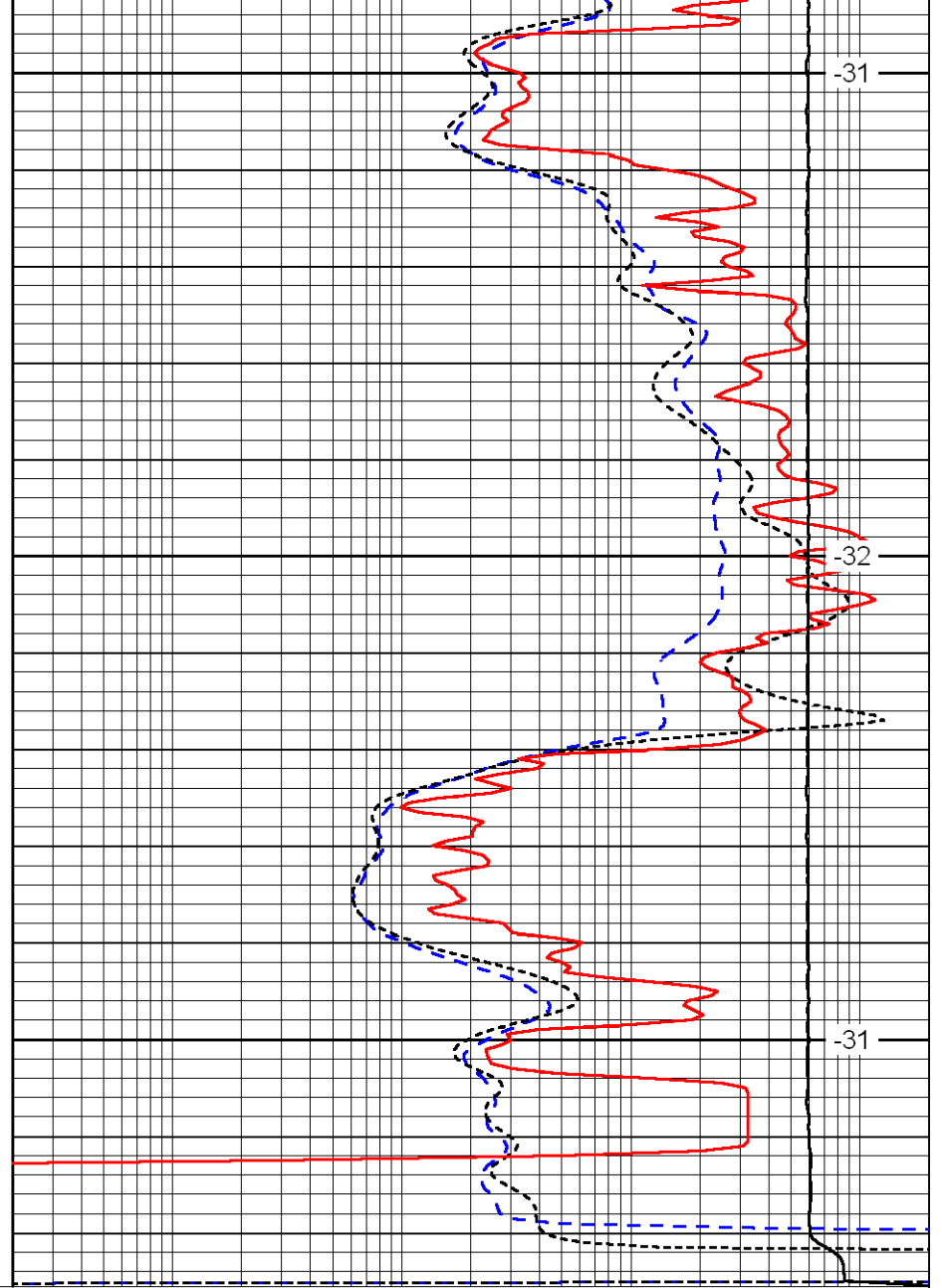


4550

4600

4650

0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0



-31

-32

-31

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

LSPD