



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-193-20,841-00-00

Company **Murfin Drilling Company, Inc.**

Well **Schertz No. 1-28**

Field **Thomas** State **Kansas**

County **Thomas** State **Kansas**

Location **NW SE SW NW
2,077' FNL & 963' FWL**

Sec: **28** Twp: **10S** Rge: **34W**

Permanent Datum **Ground Level** Elevation **3196**
 Log Measured From **Kelly Bushing** 13 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
 CNL/CDL
 MEL/BHCS

Elevation

K.B. 3209
 D.F. 3196
 G.L. 3196

Date	3/7/2012		
Run Number	One		
Depth Driller	4840		
Depth Logger	4832		
Bottom Logged Interval	4831		
Top Log Interval	00		
Casing Driller	8.625 @ 235		
Casing Logger	232		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	9300		
Density / Viscosity	9.1 46		
pH / Fluid Loss	11.0 7.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.24 @ 68		
Rmf @ Meas. Temp	.18 @ 68		
Rmc @ Meas. Temp	.32 @ 68		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.13 @ 124		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	124		
Equipment Number	10		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Tom Funk		

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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

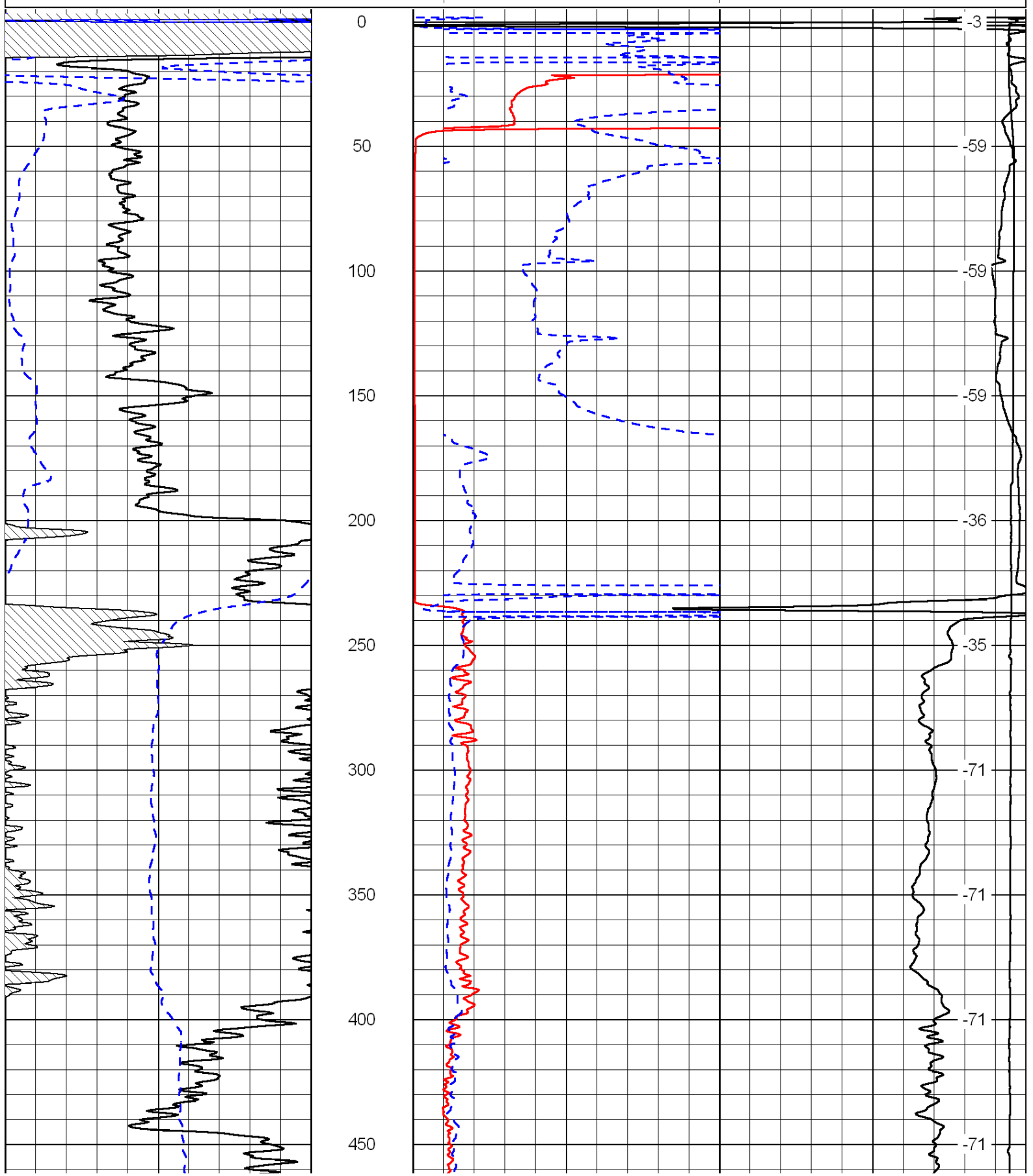
Thank you for using Log-Tech, Inc.
 (785) 625-3858

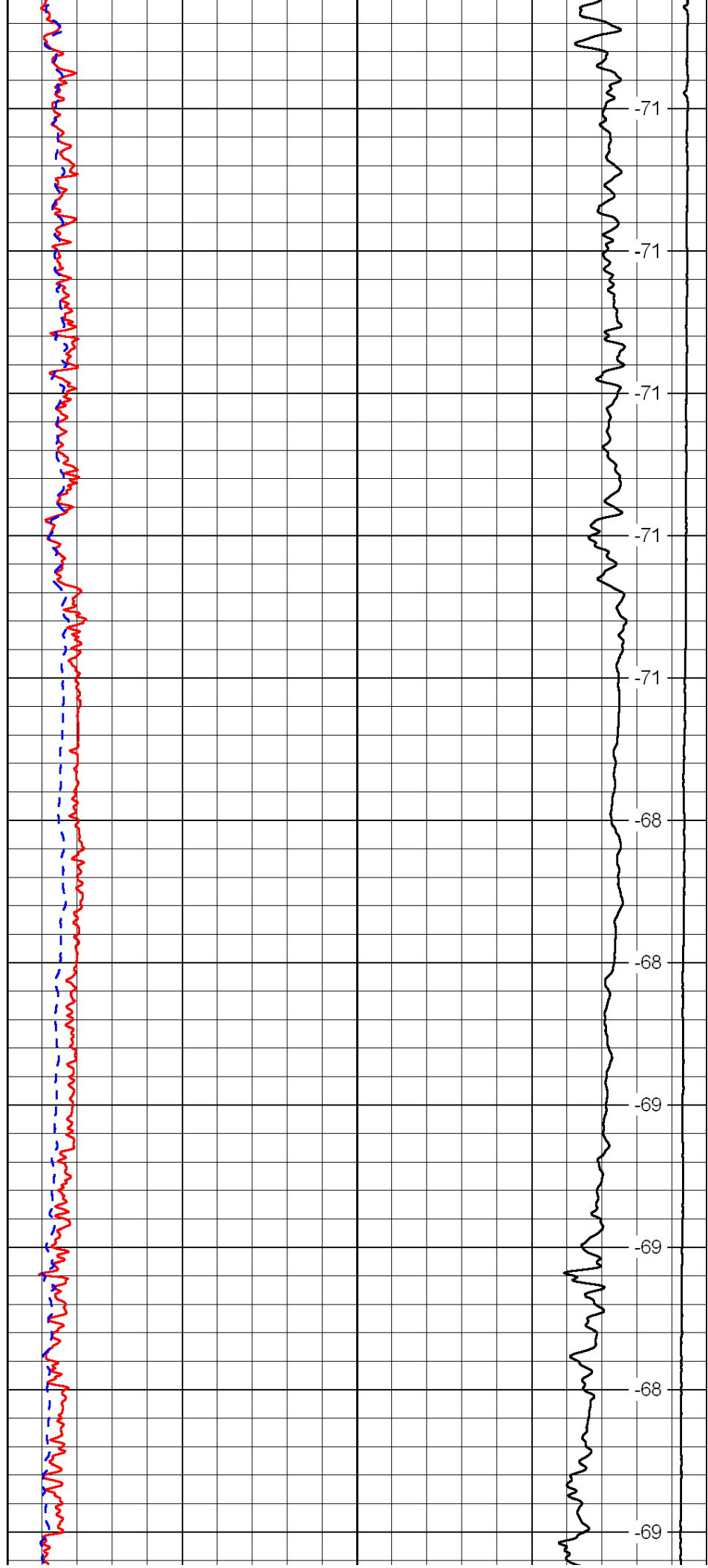
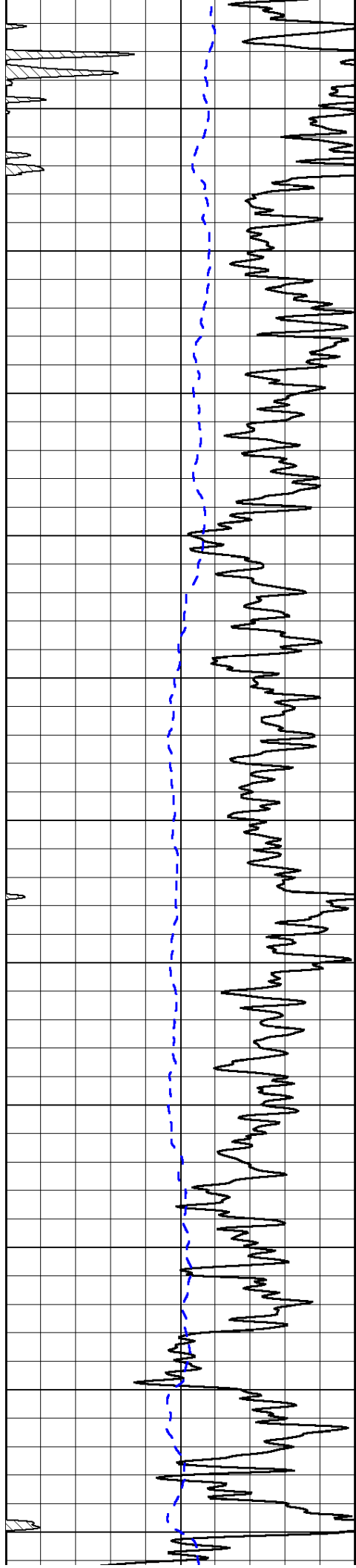
Monument, 2 West to Highway 25, 2 North to Curve, 4 West on A Road, 1 1/2 North on 15 Road, East Into

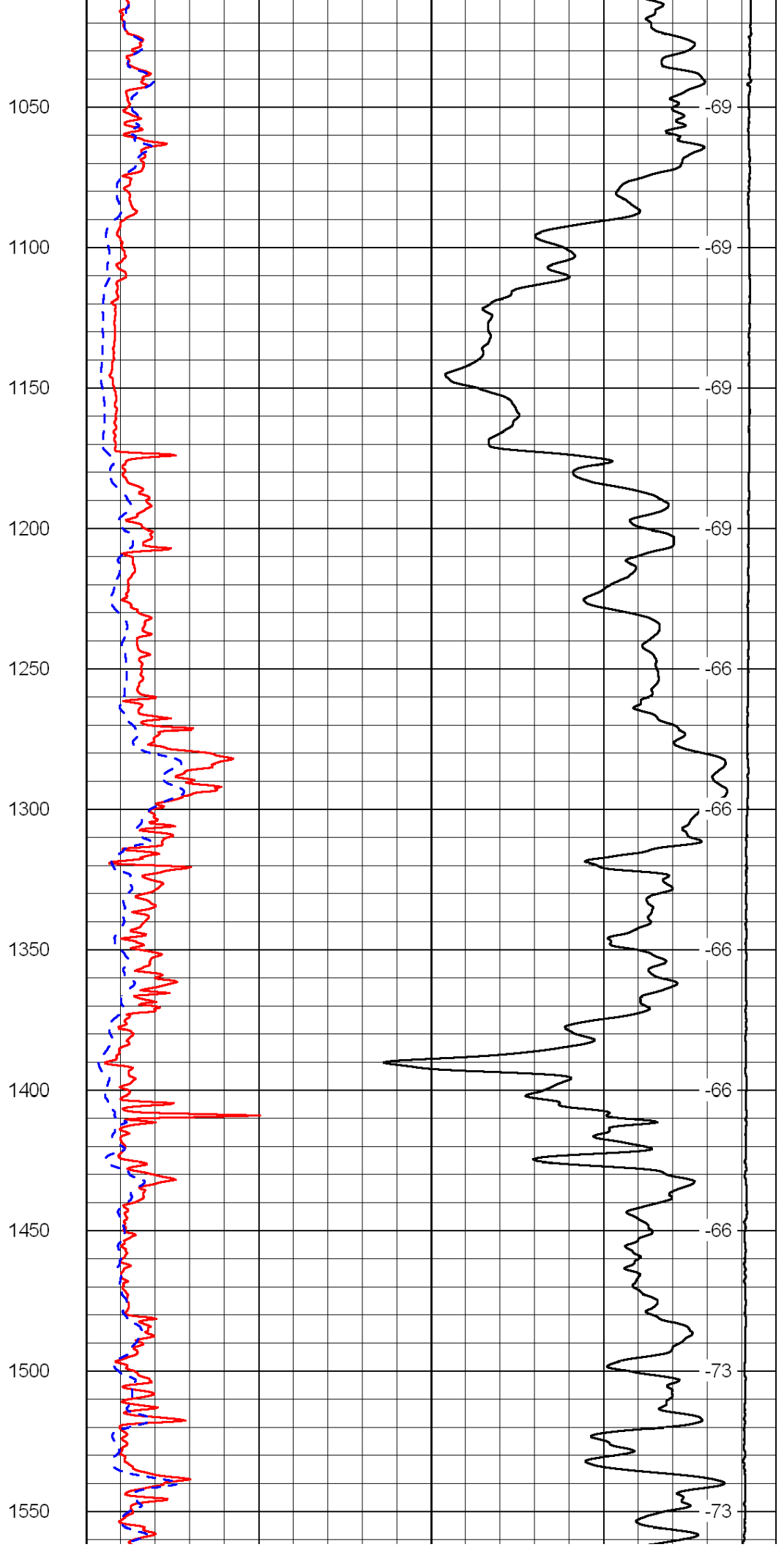
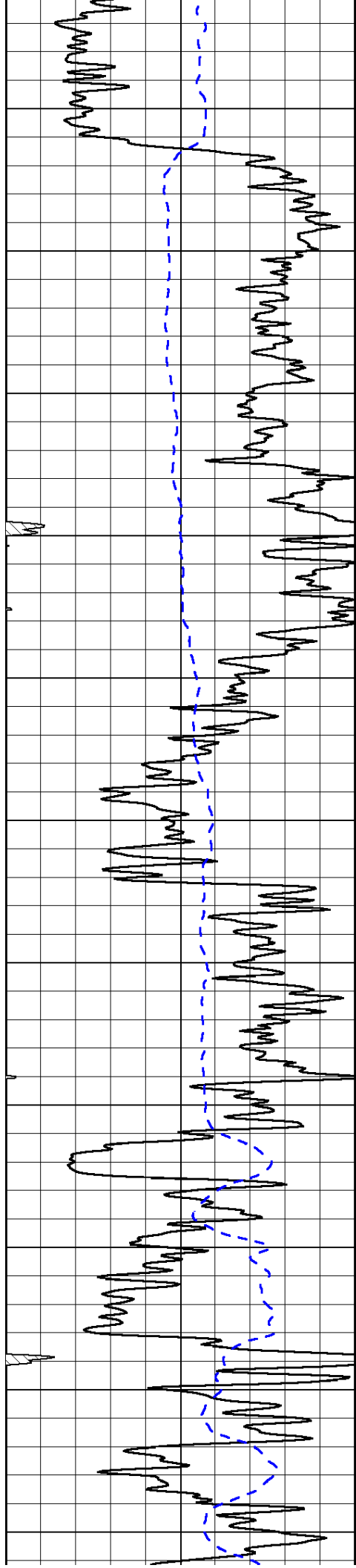
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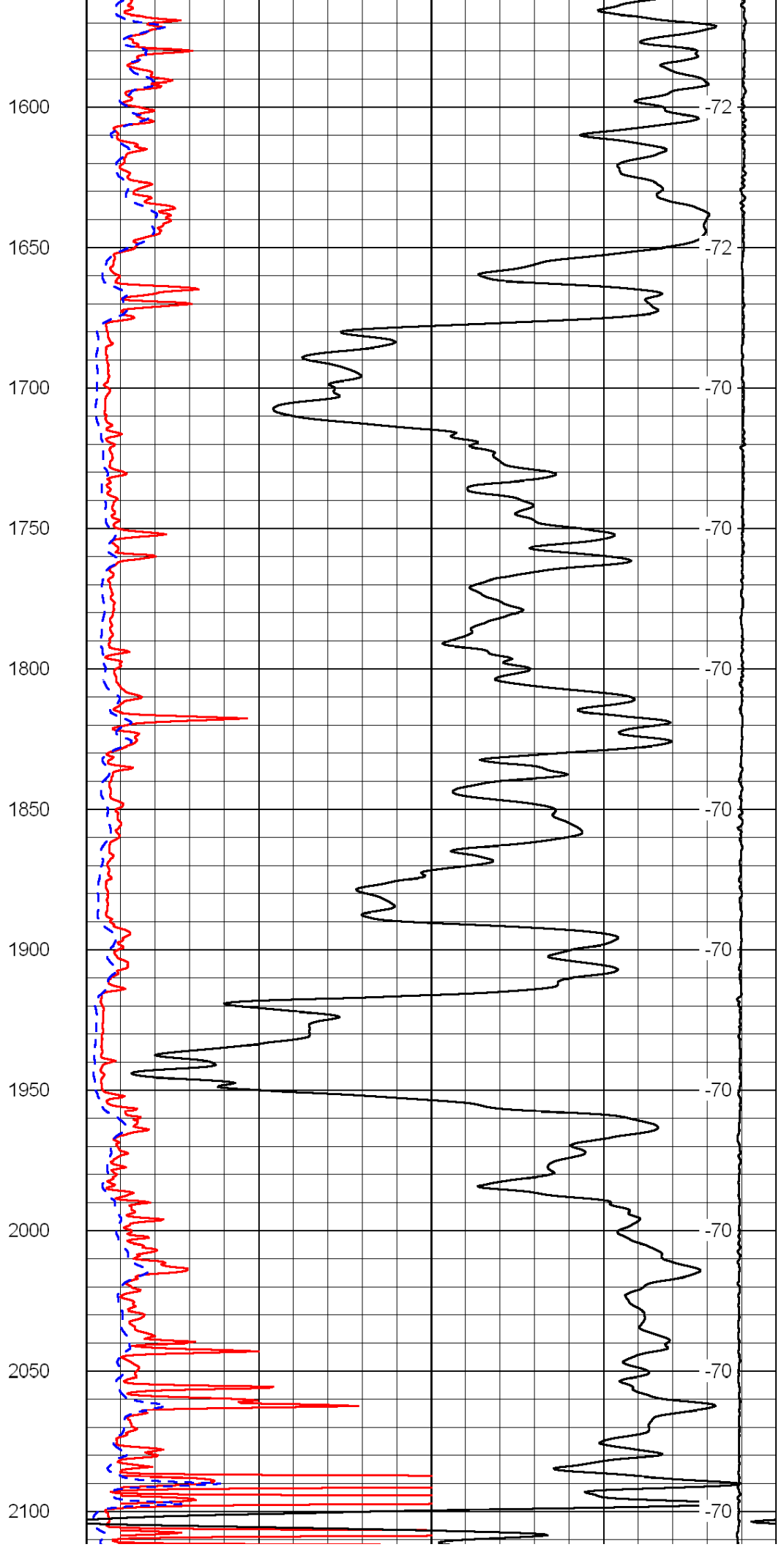
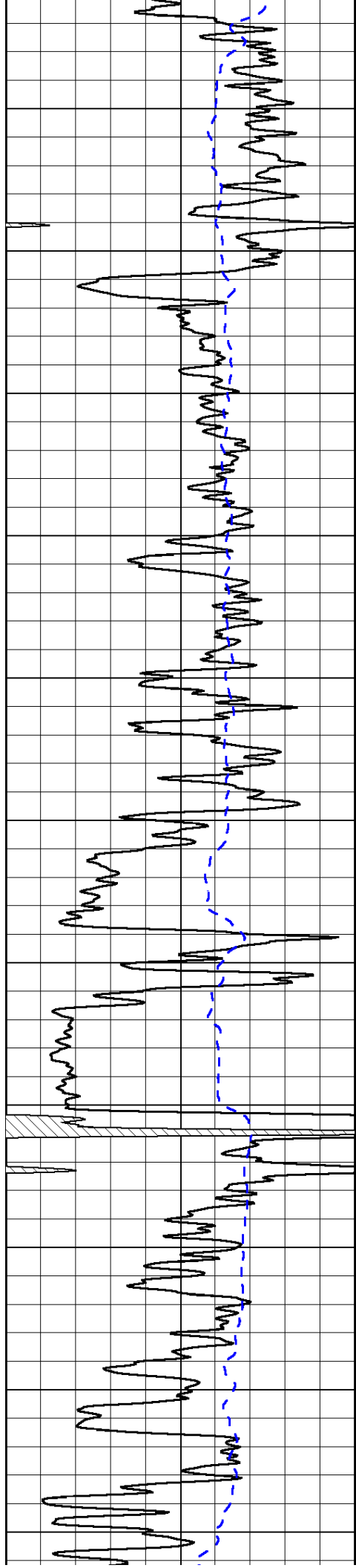
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

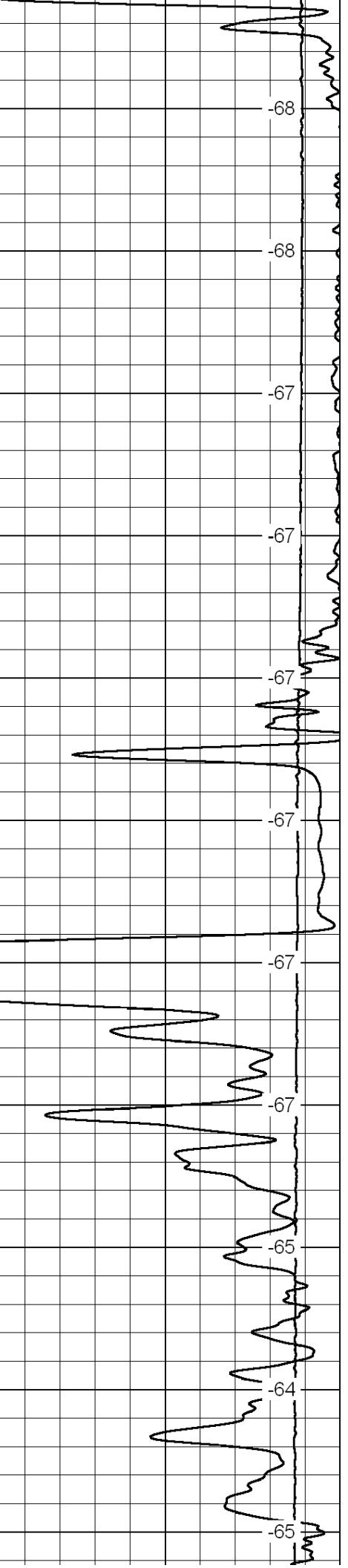
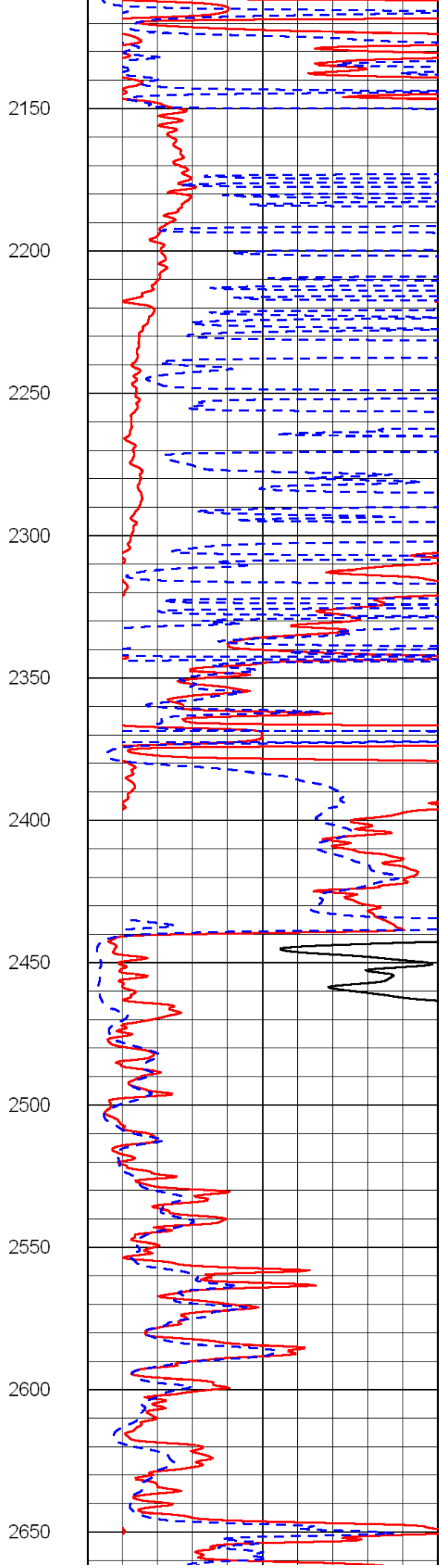
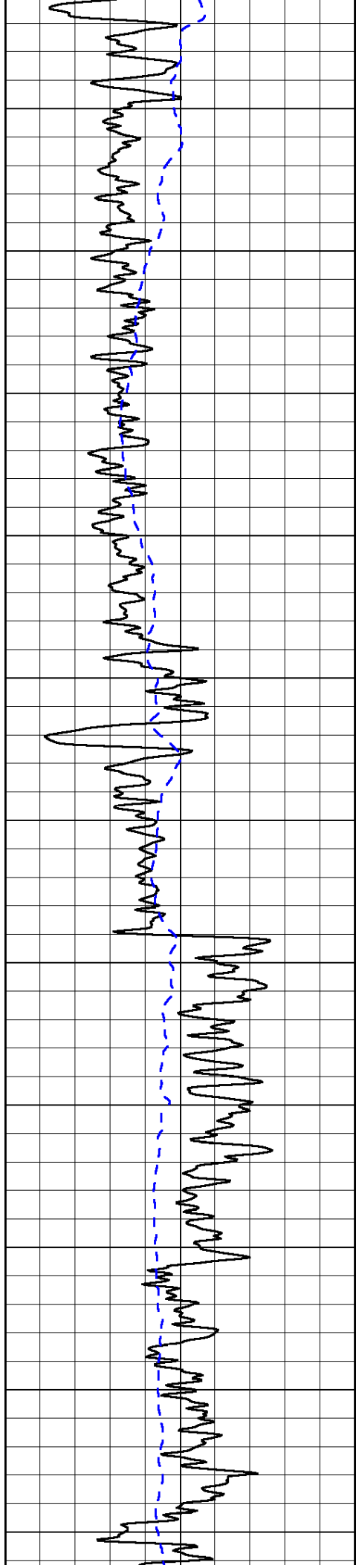
LSPD

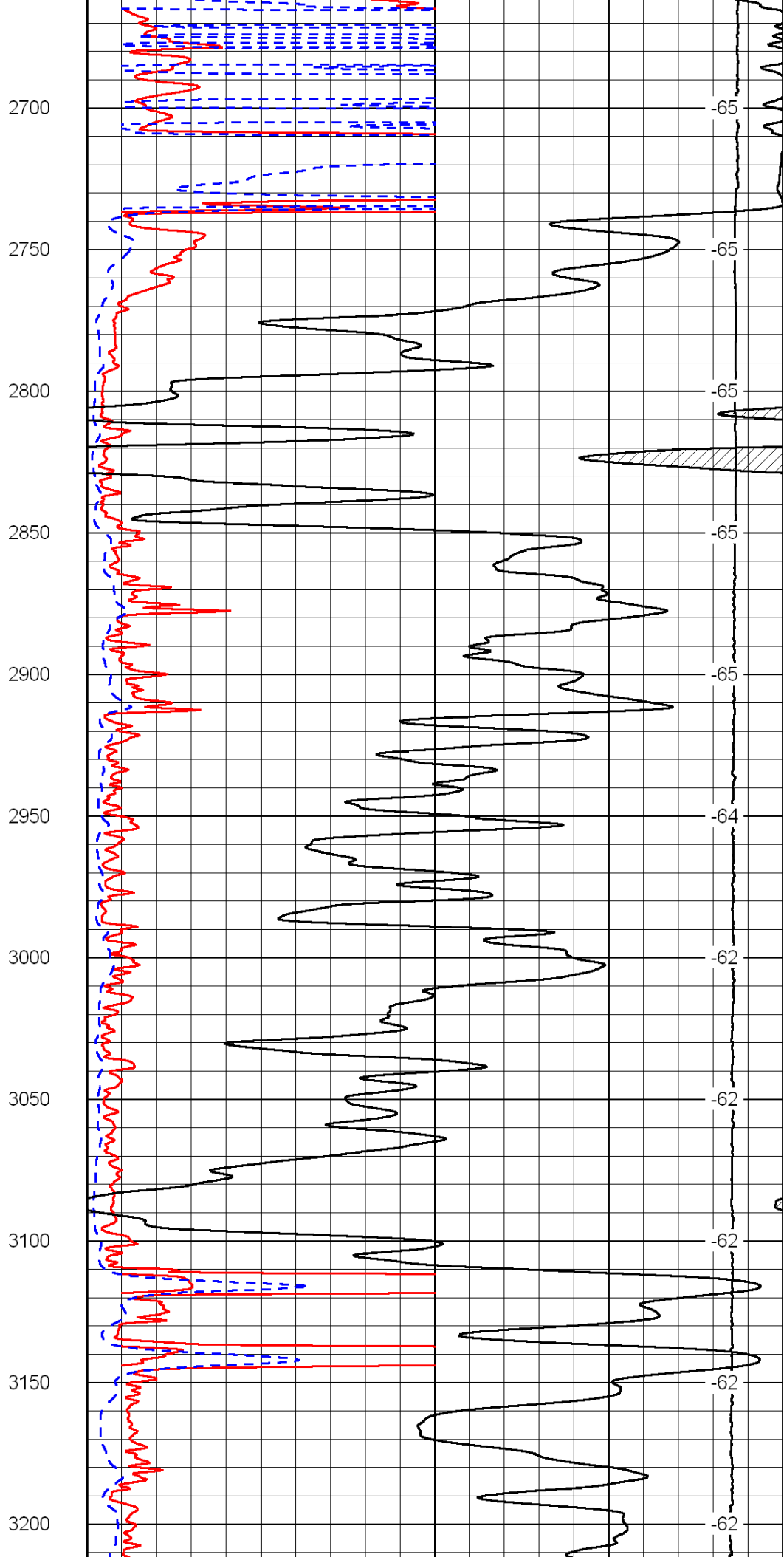
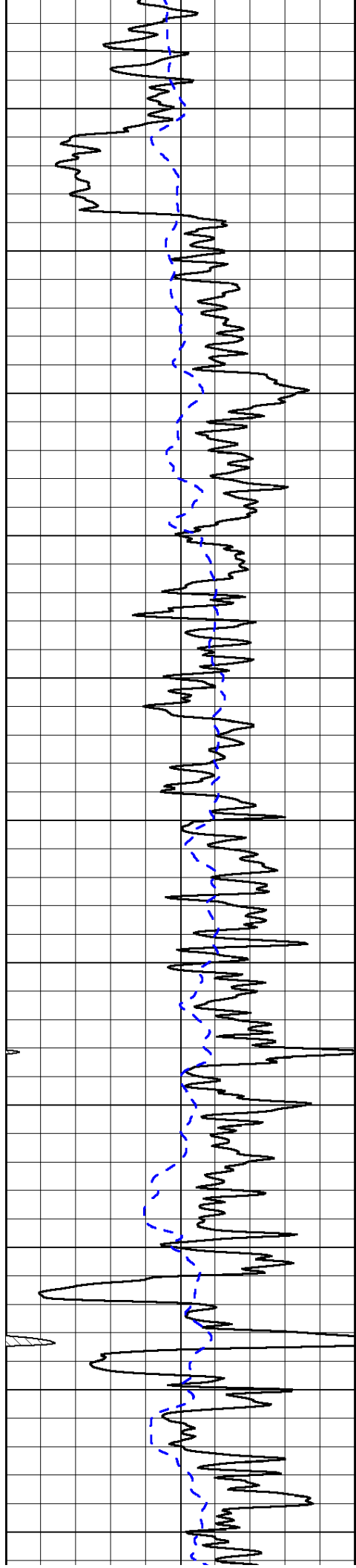


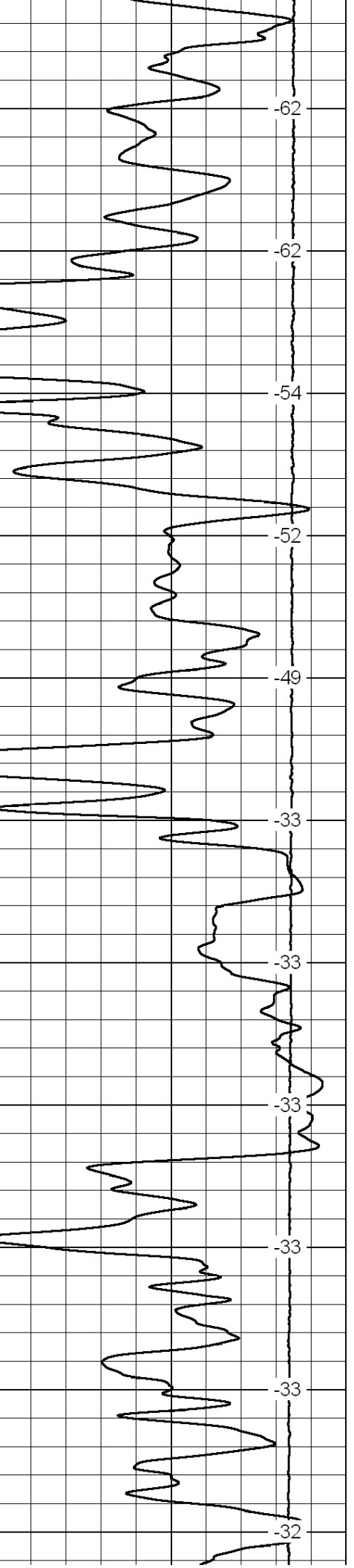
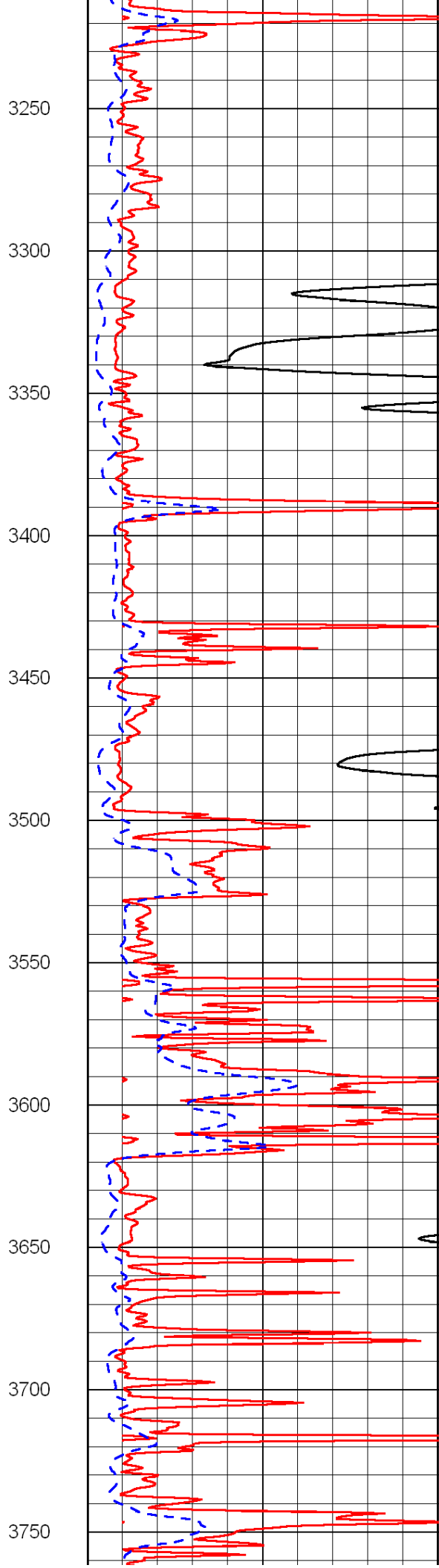
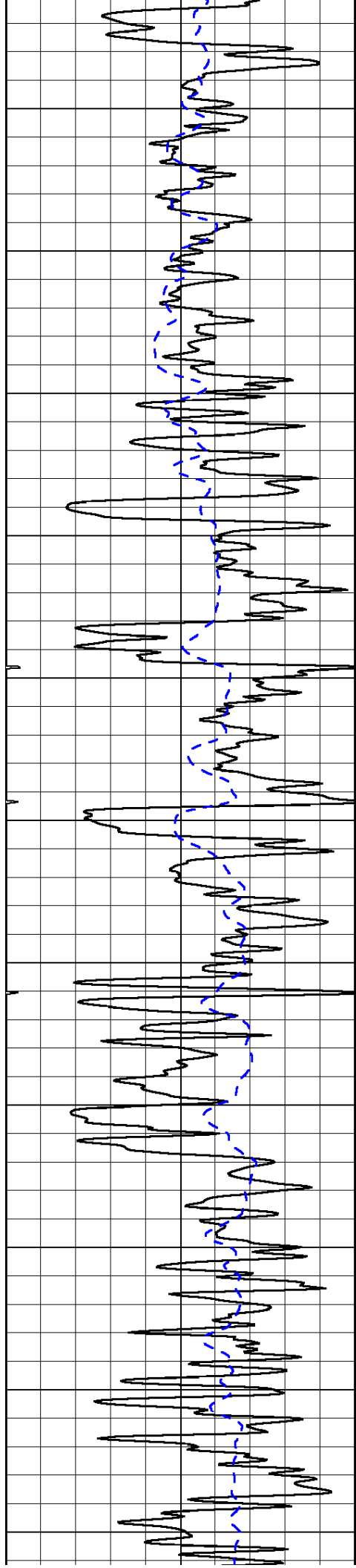


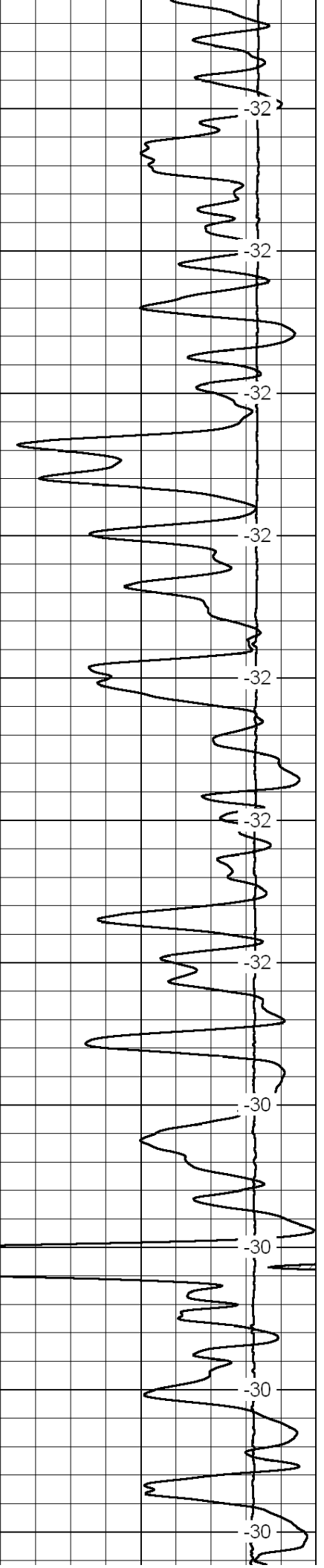
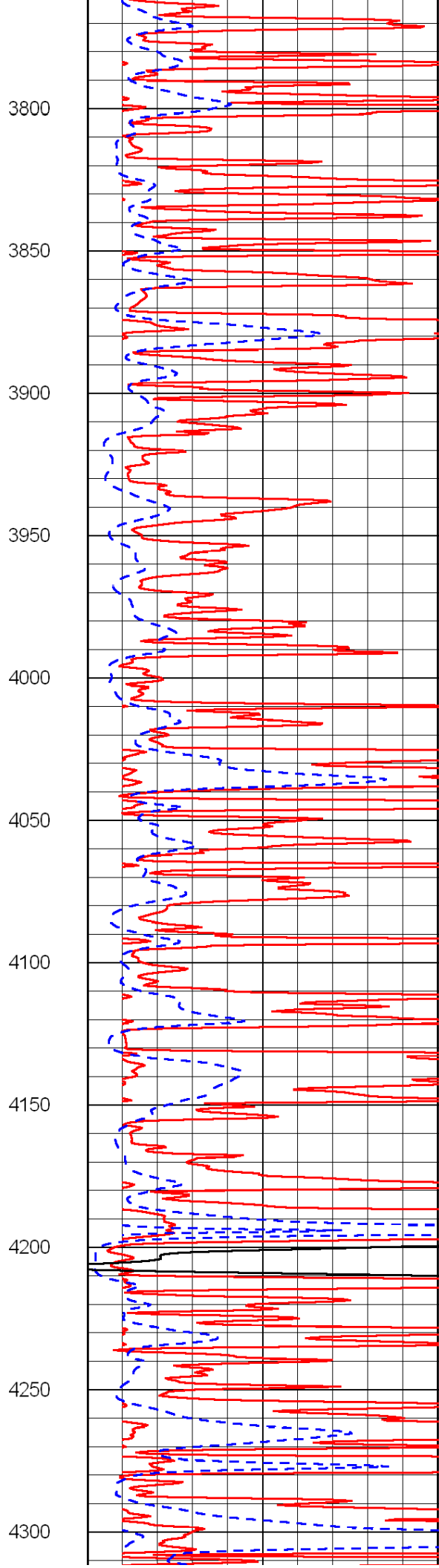
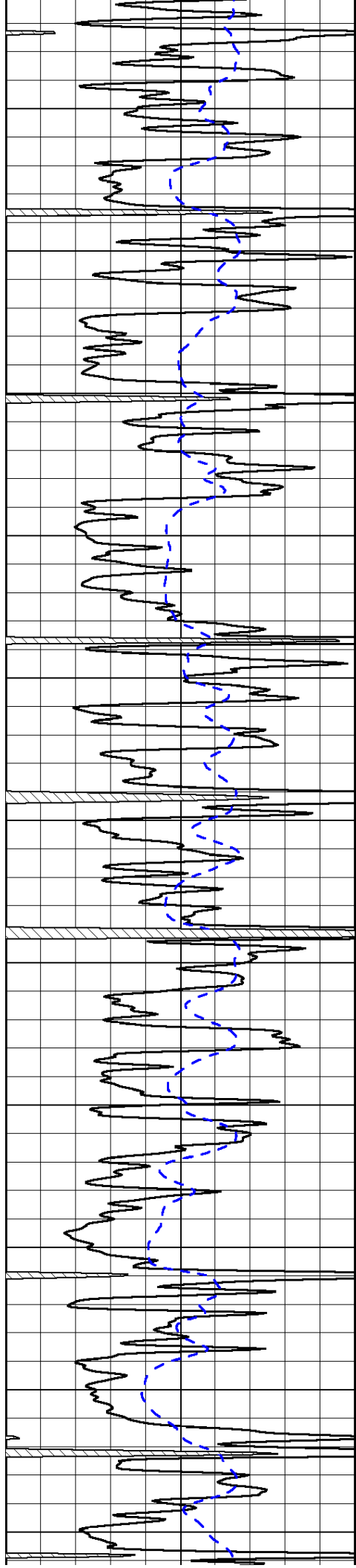


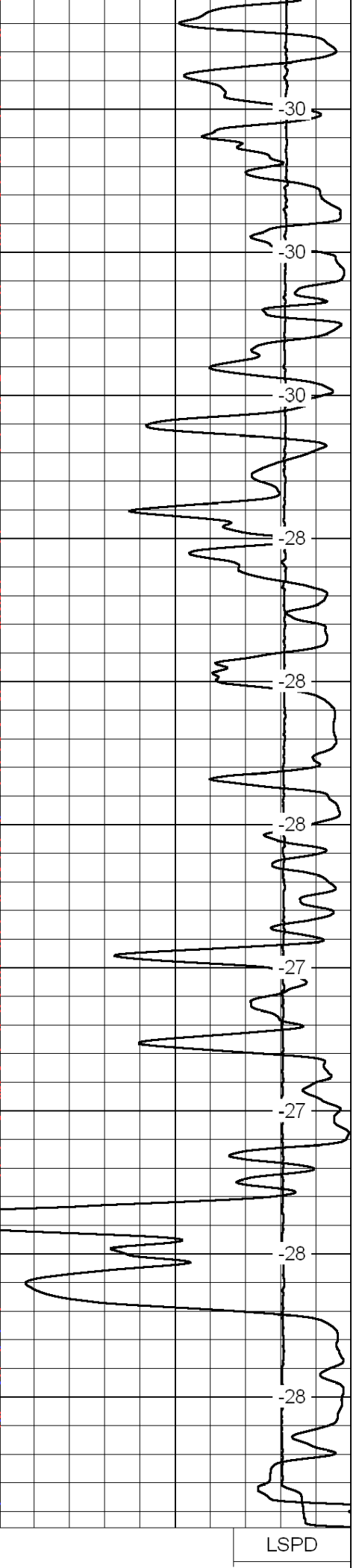
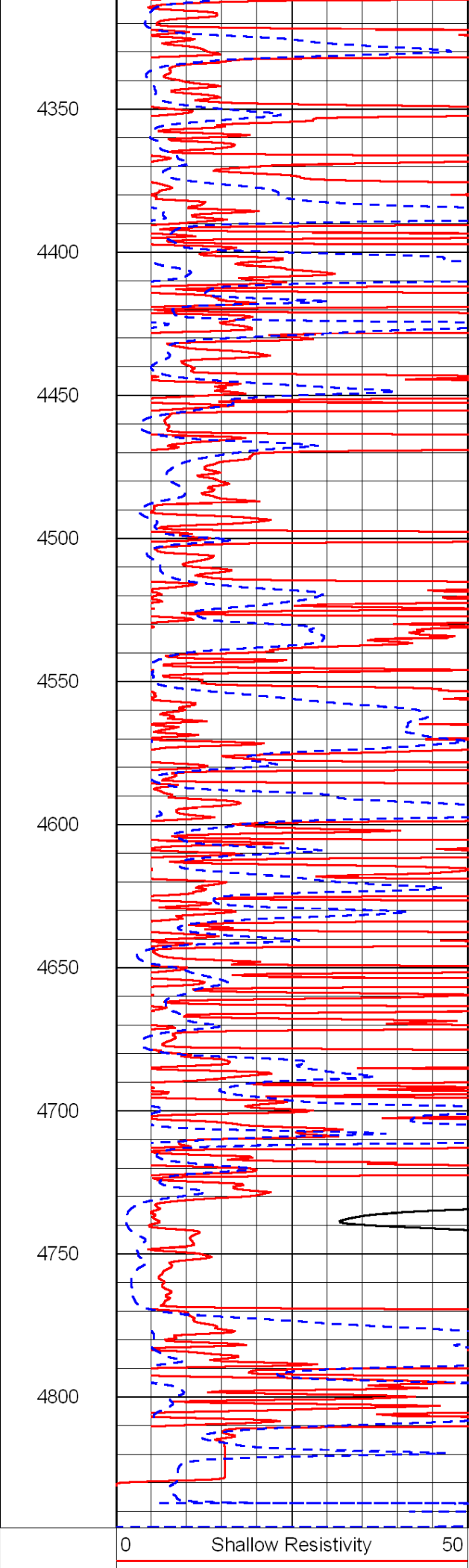
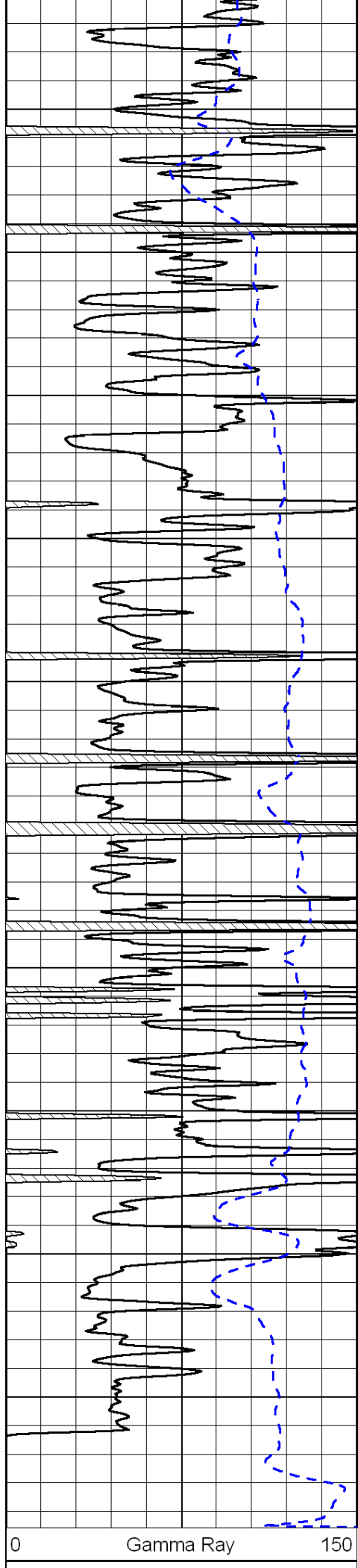












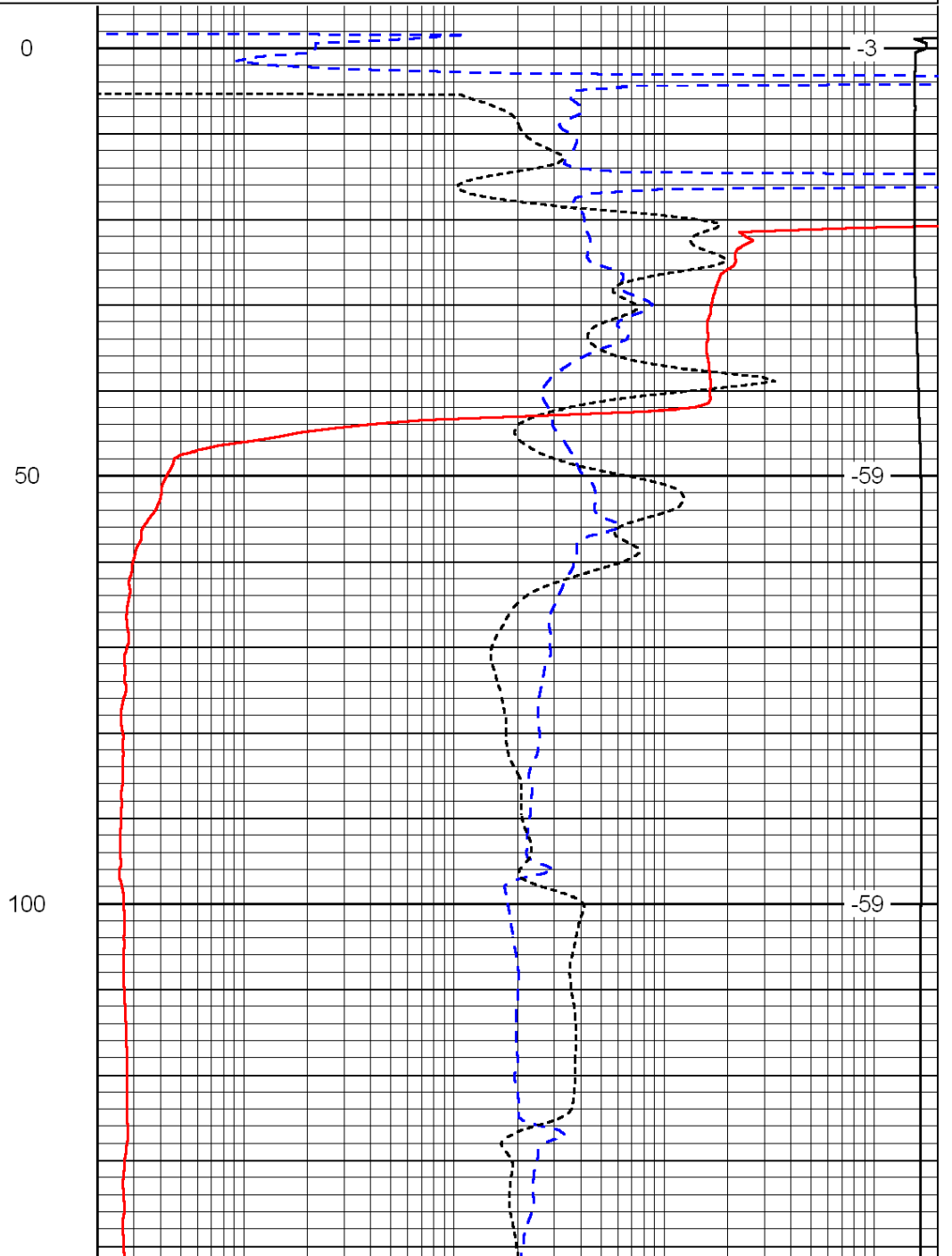
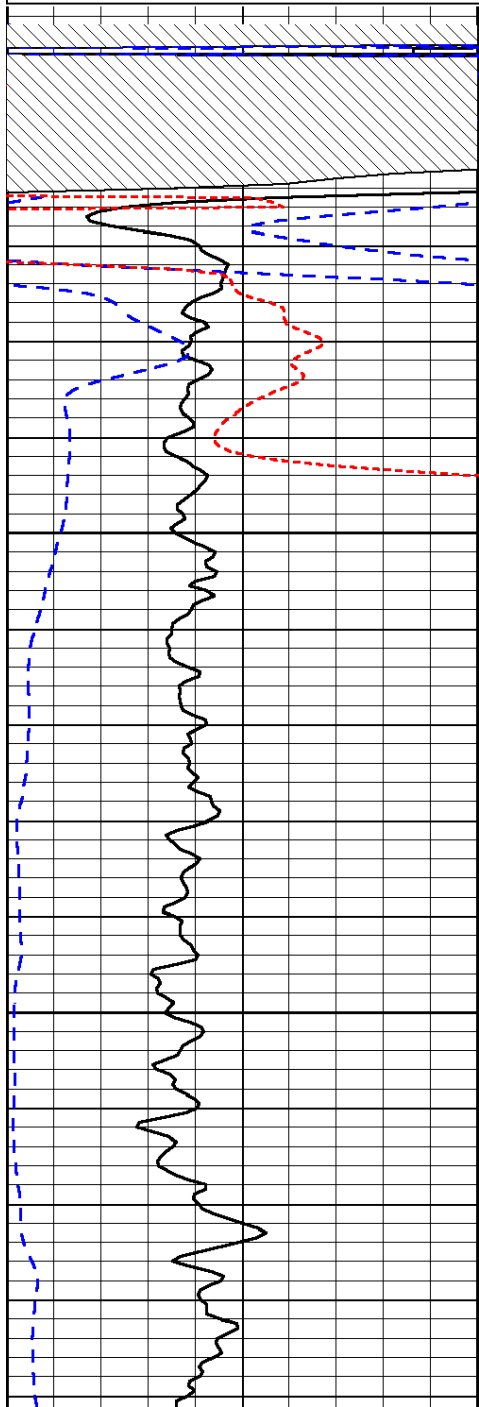
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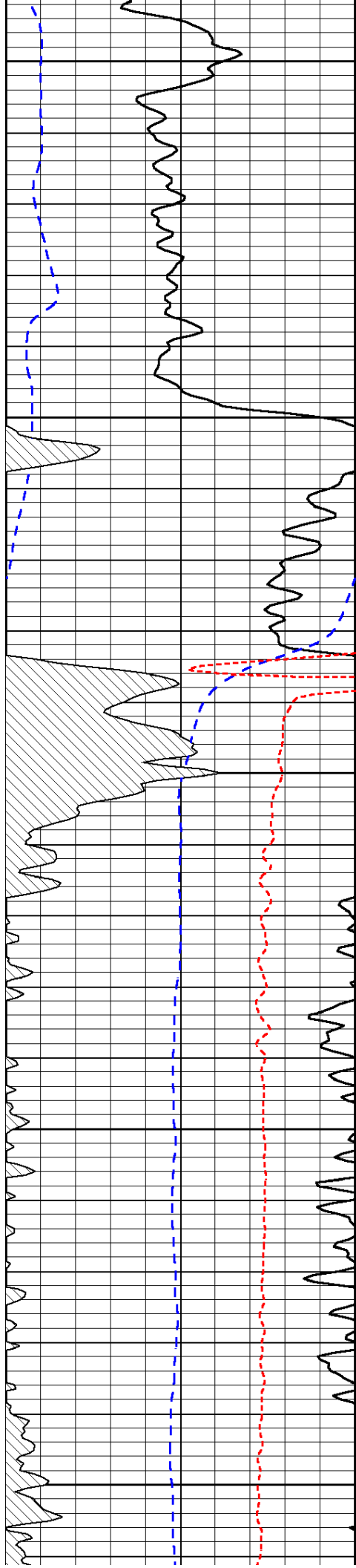
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File: c:\warrior\data\murfin_schertz #1-28\murfin_schertz_1-28hd.db
 Dataset Pathname: dil/murfstck
 Presentation Format: dil
 Dataset Creation: Wed Mar 07 05:54:04 2012
 Charted by: Depth in Feet scaled 1:240

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

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





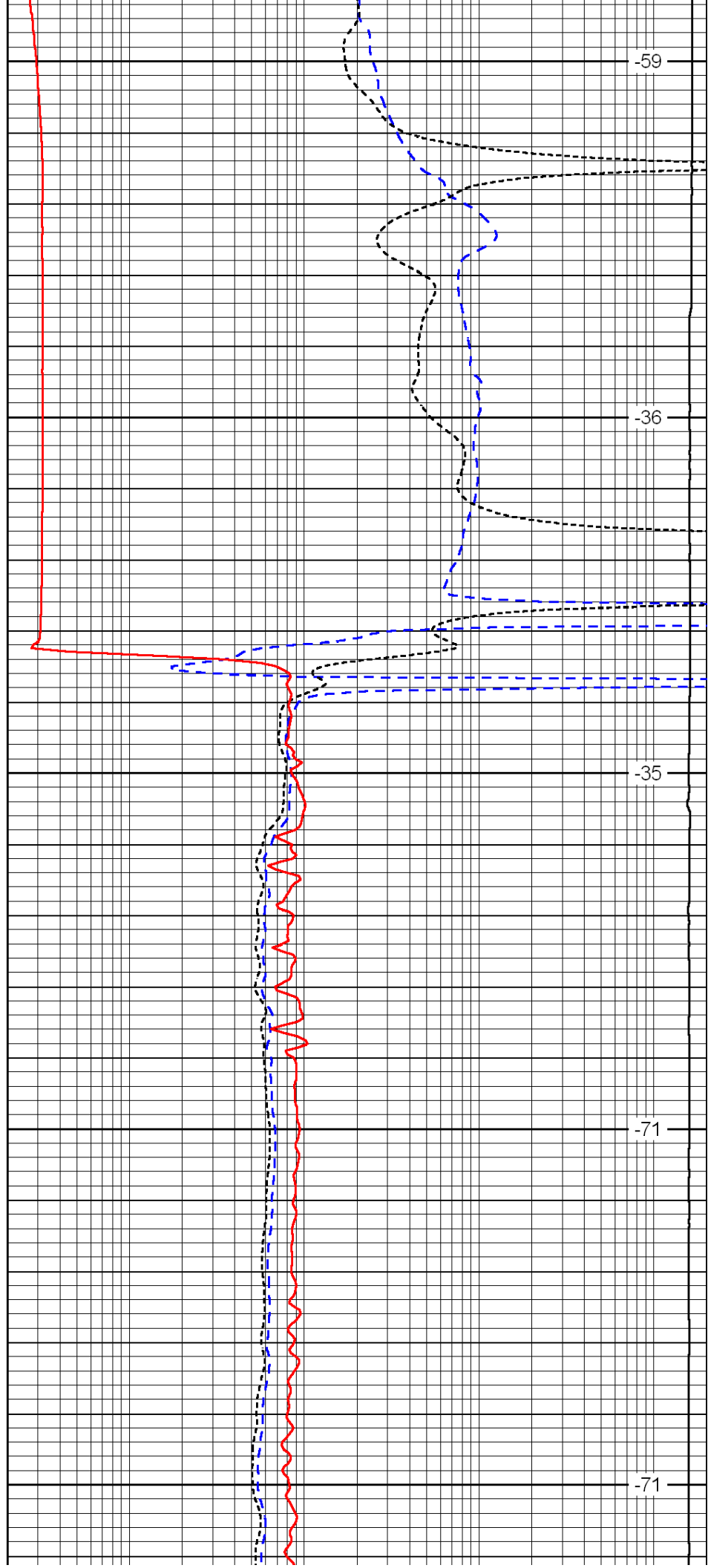
150

200

250

300

350



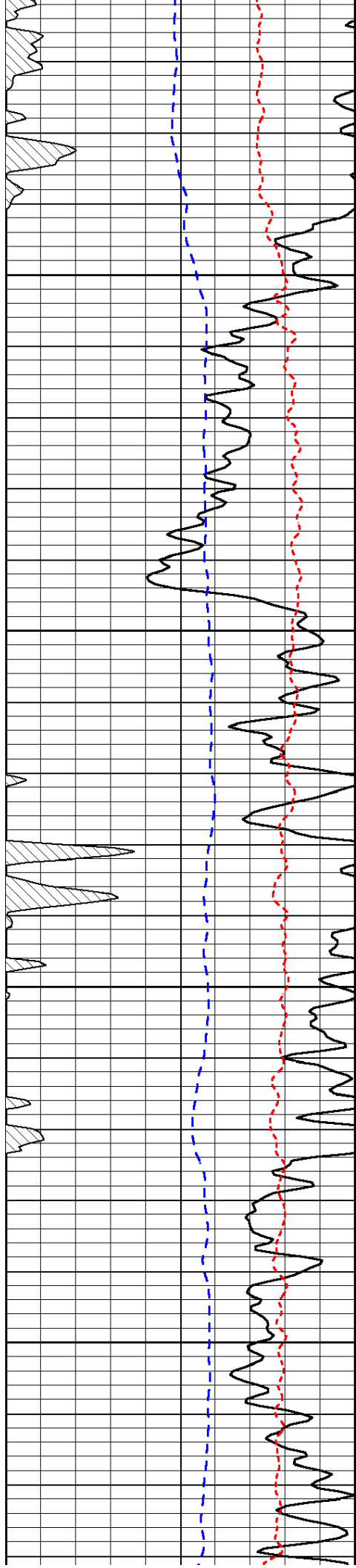
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-36

-35

-71

-71

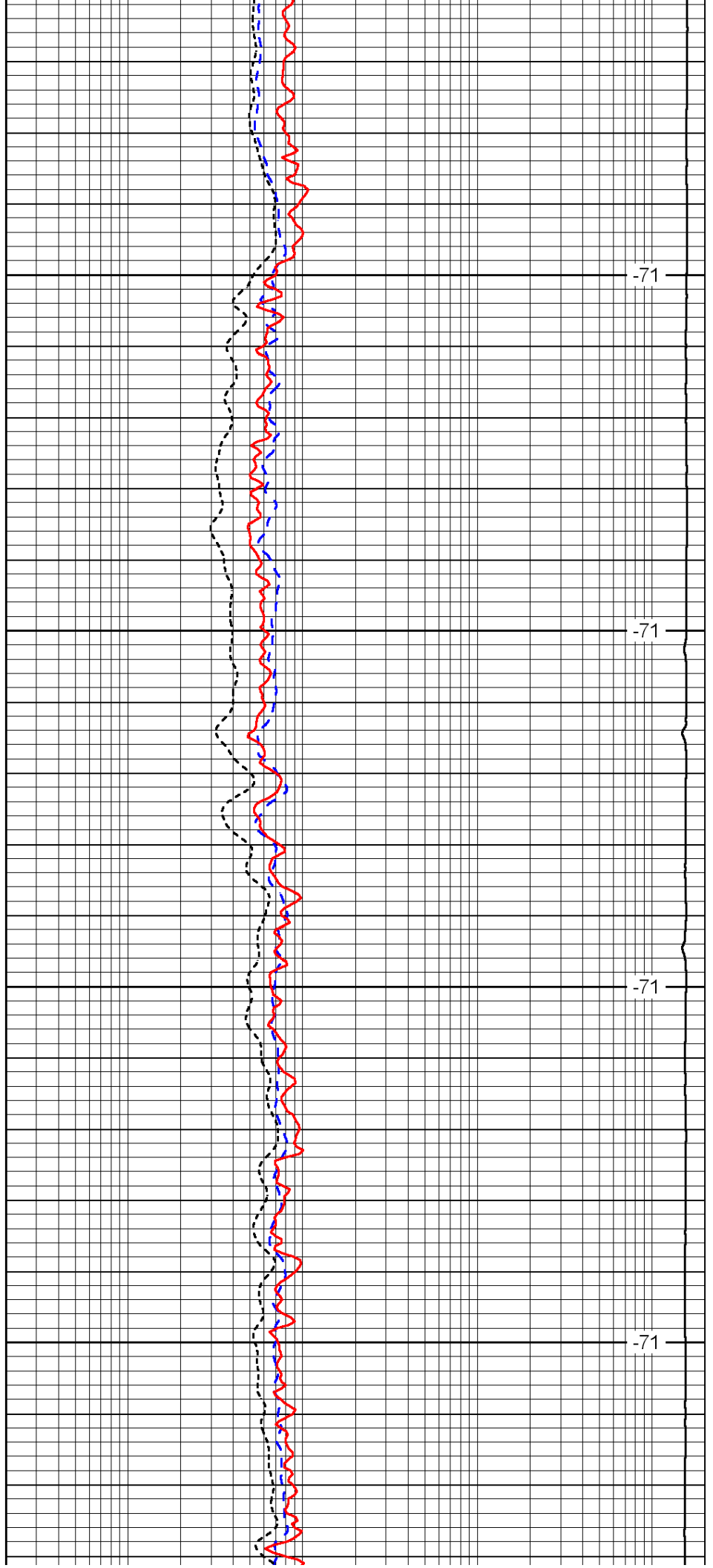


400

450

500

550

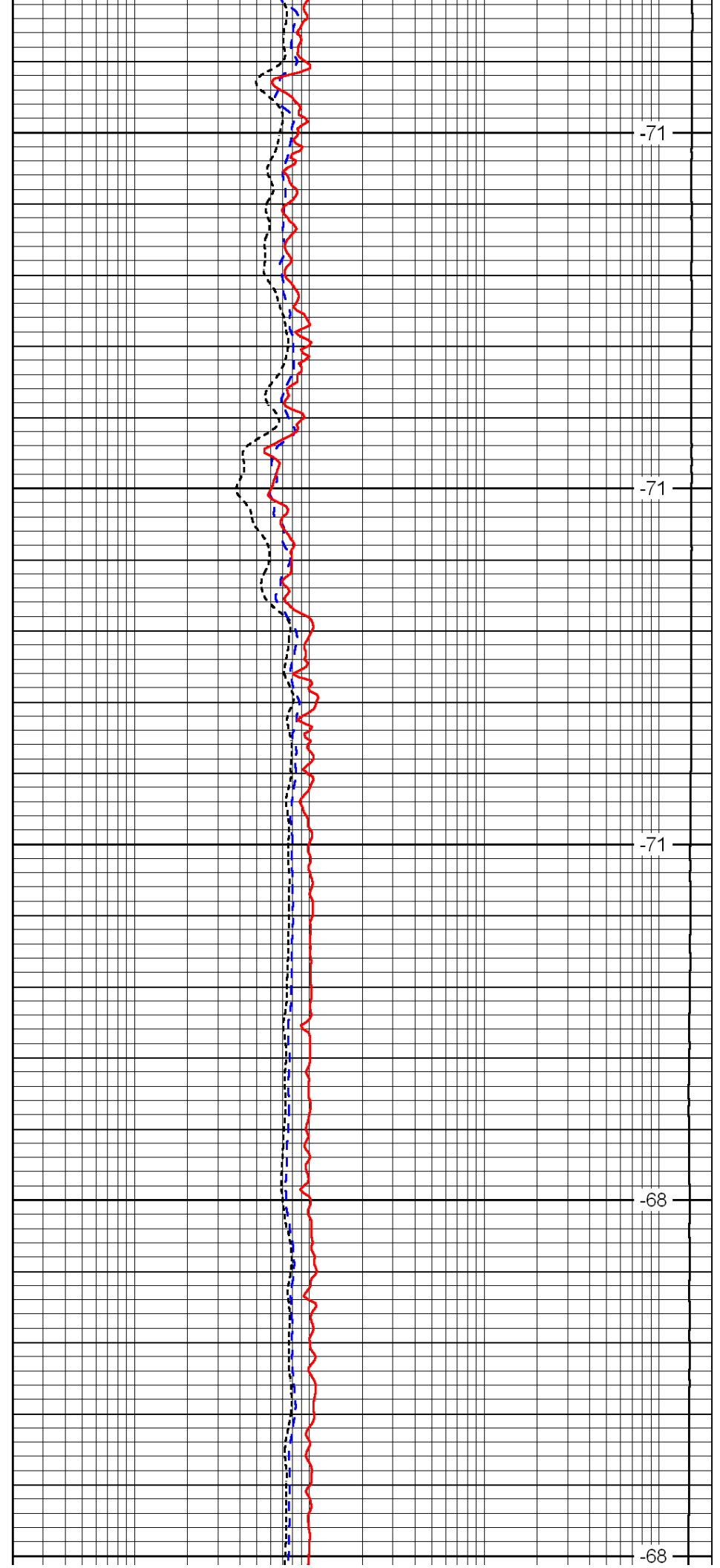
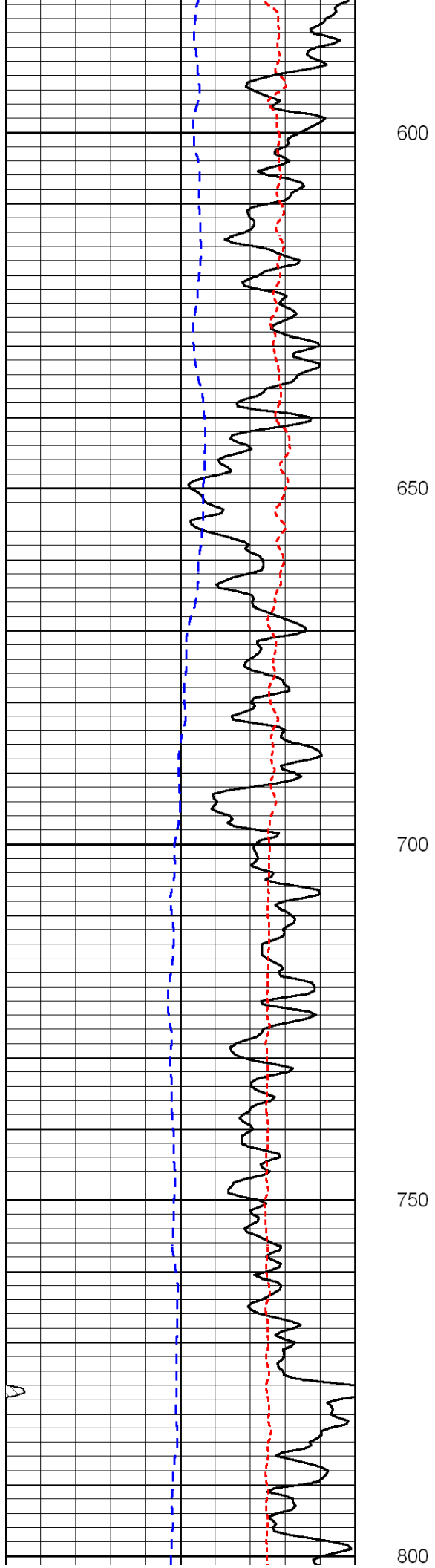


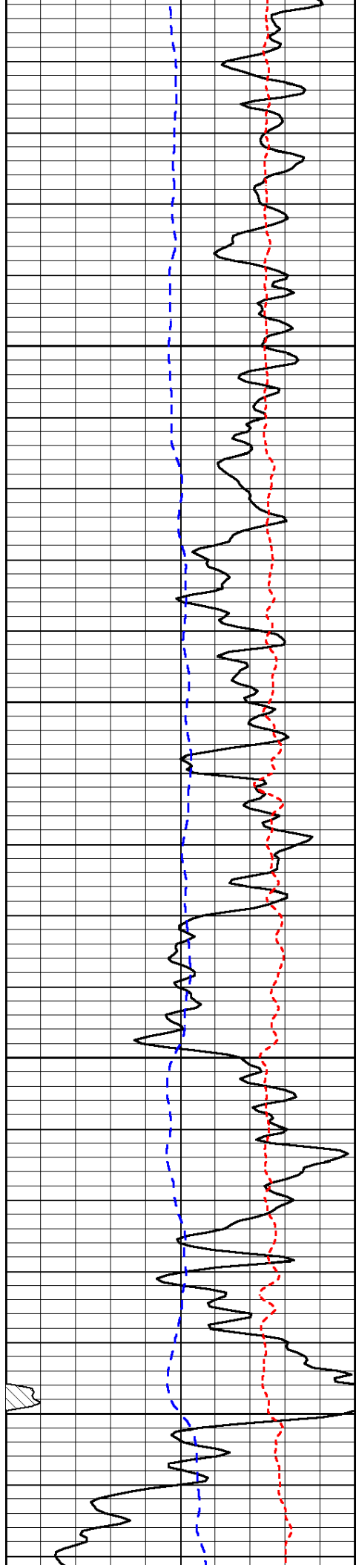
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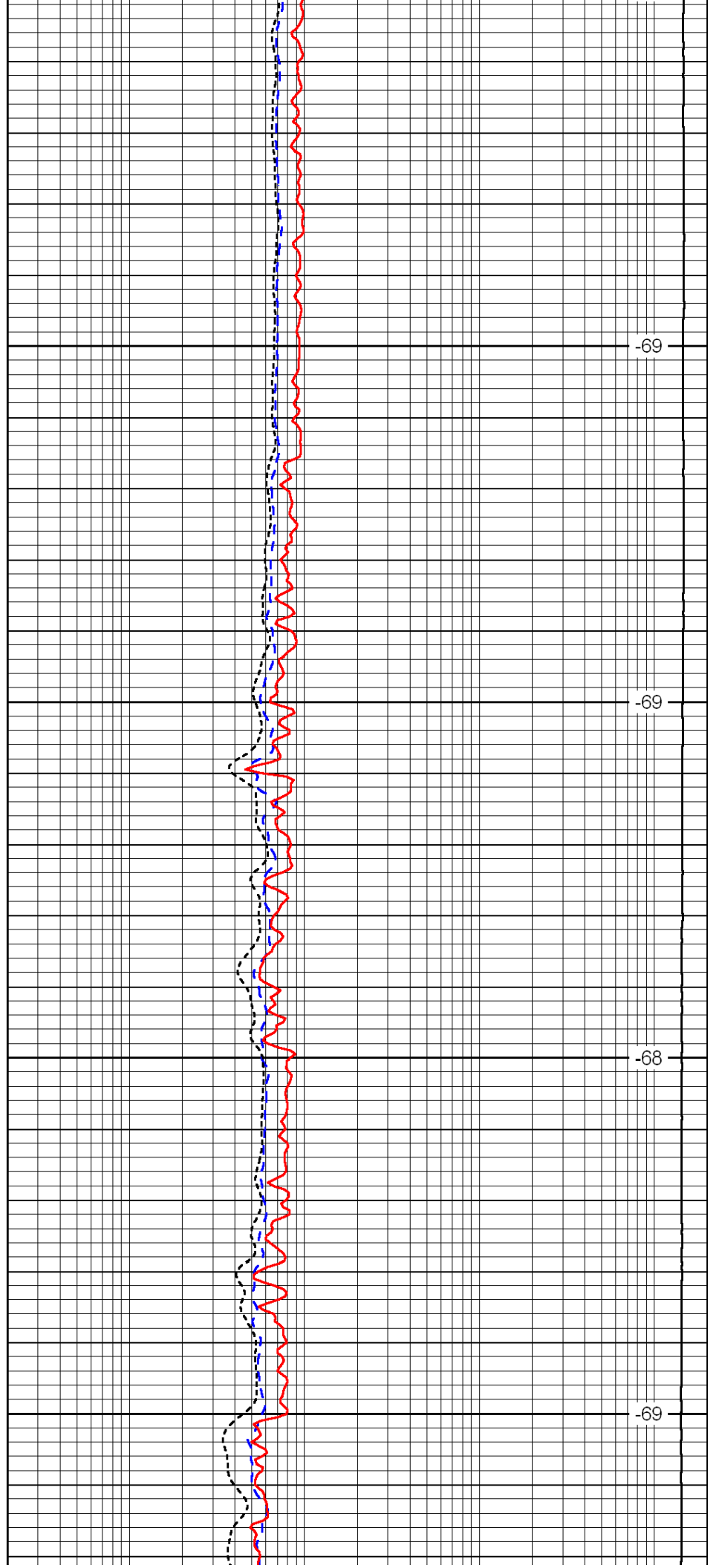


850

900

950

1000

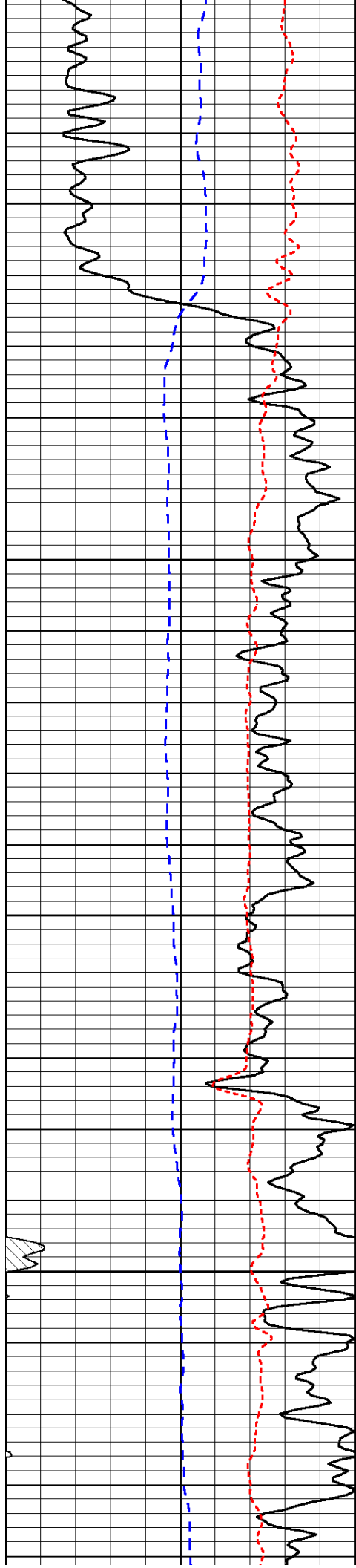


-69

-69

-68

-69



1050

1100

1150

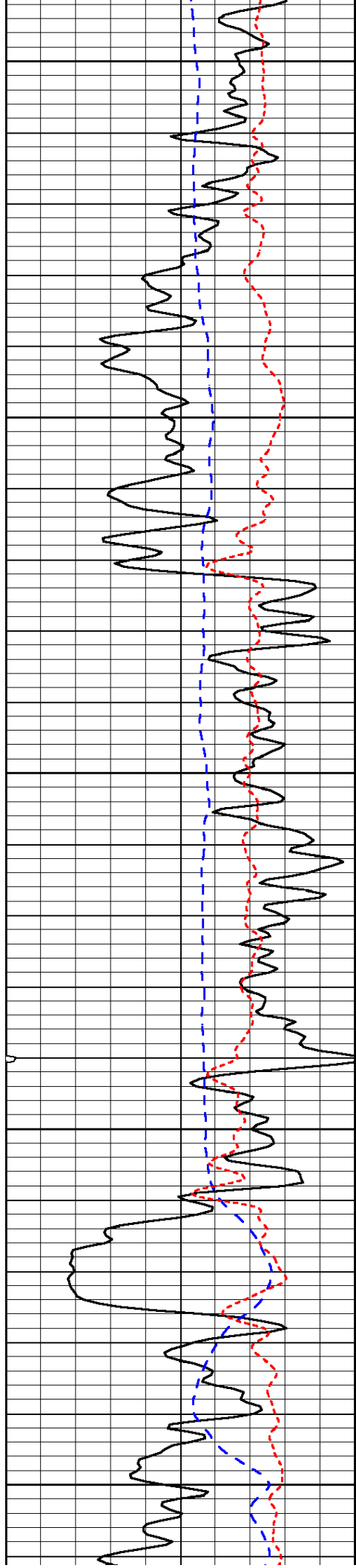
1200

-69

-69

-69

-69



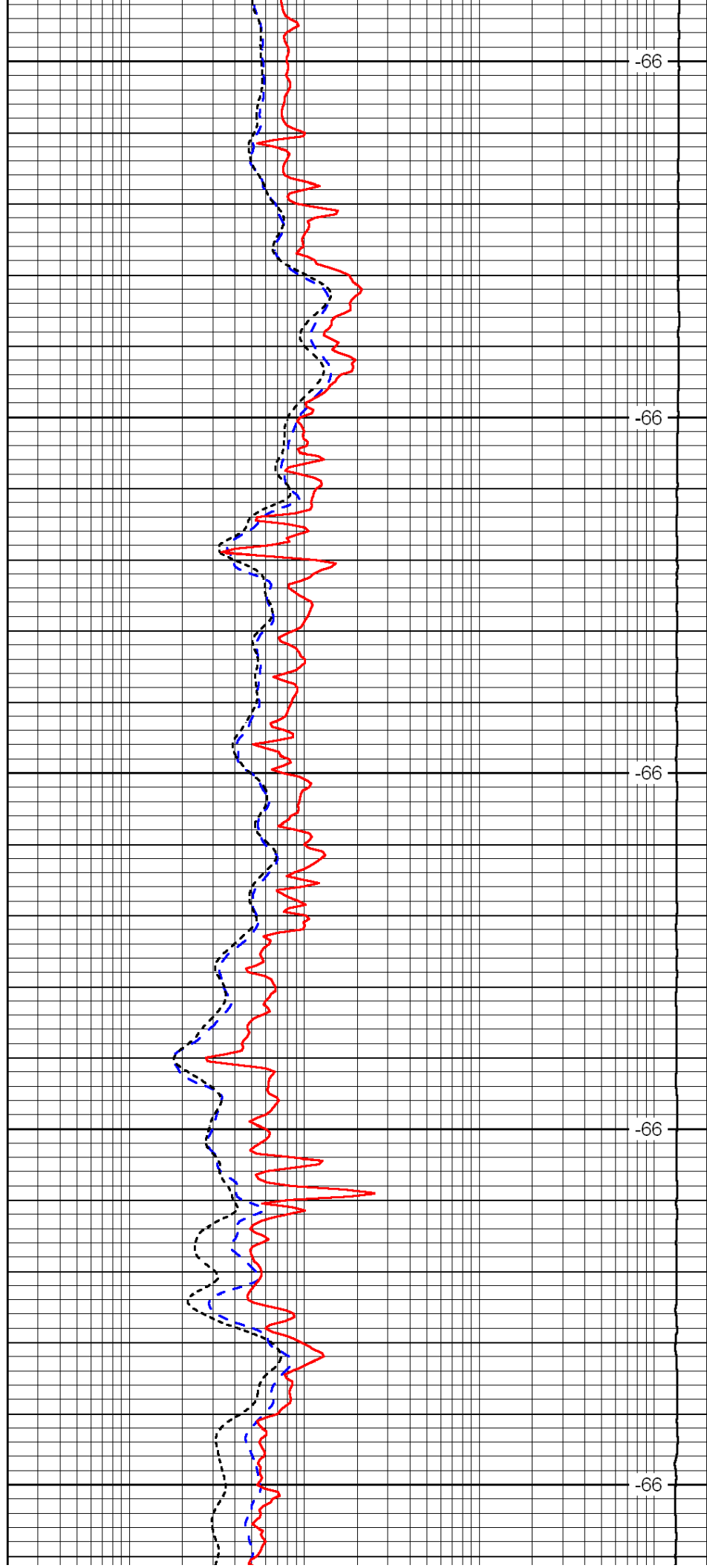
1250

1300

1350

1400

1450



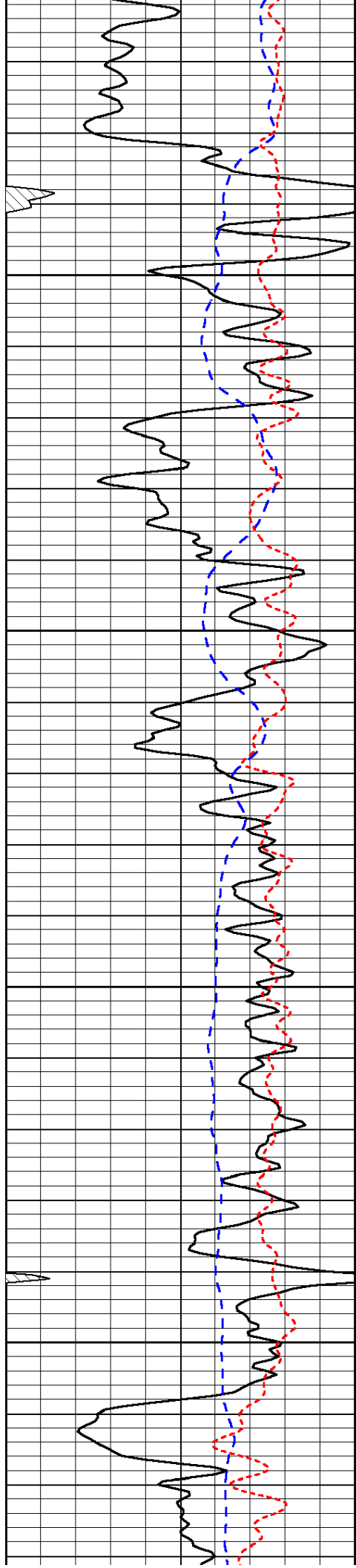
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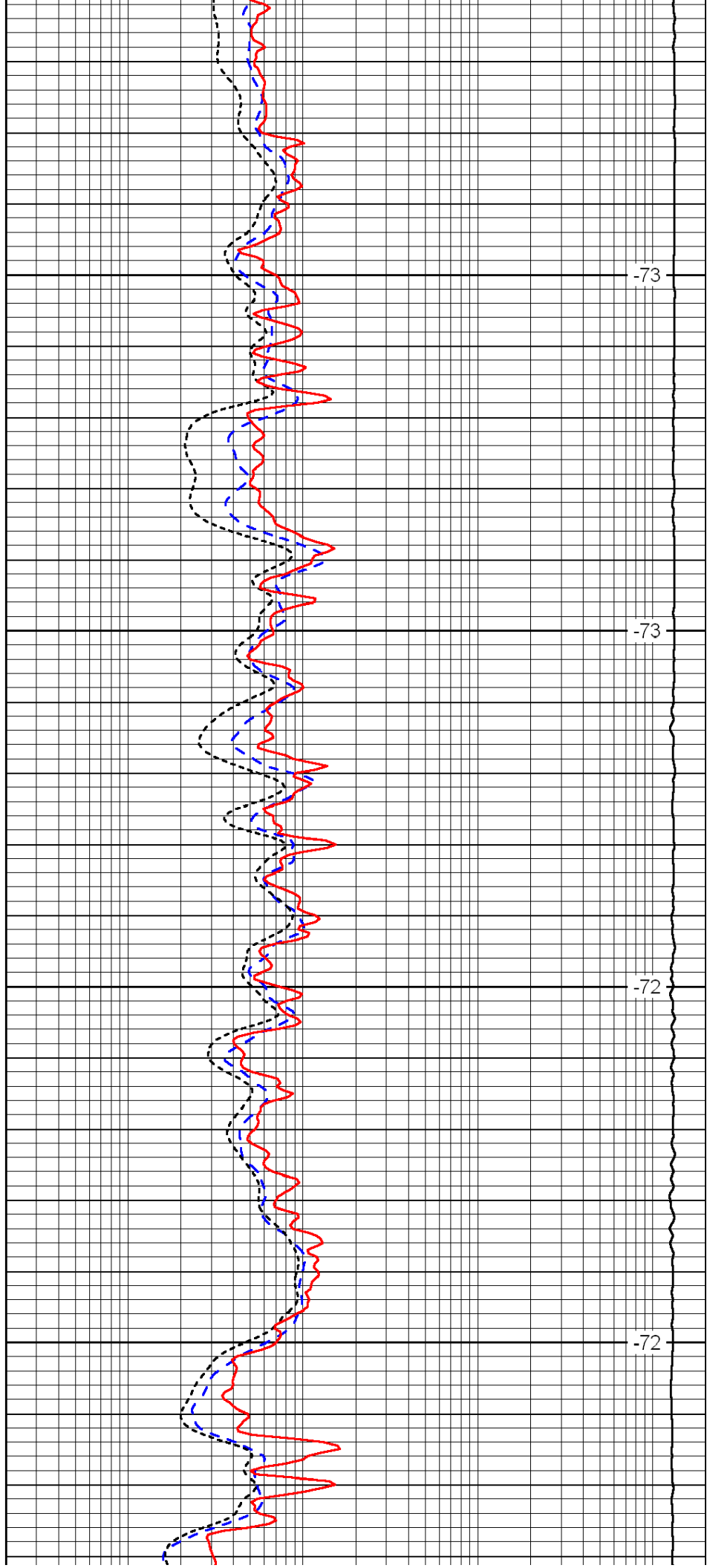


1500

1550

1600

1650

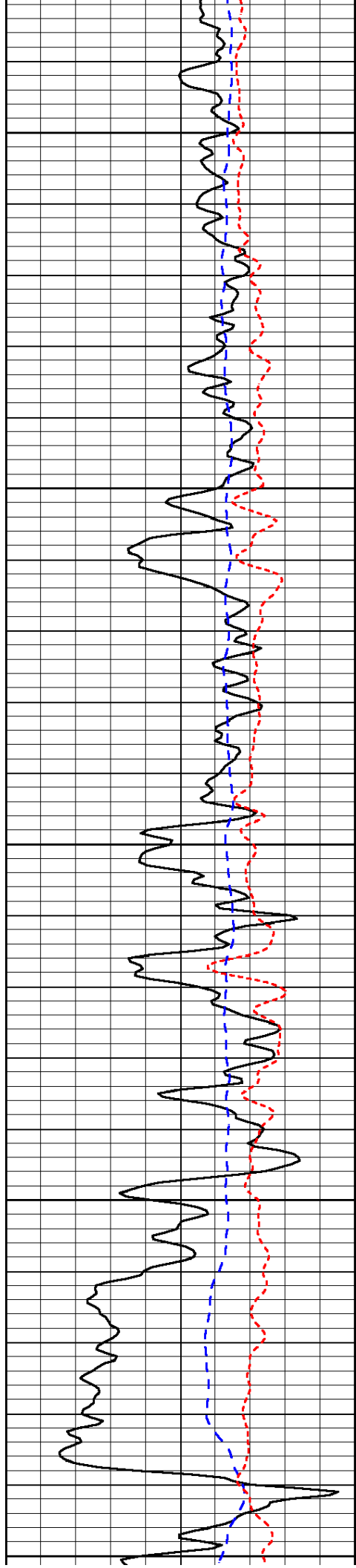


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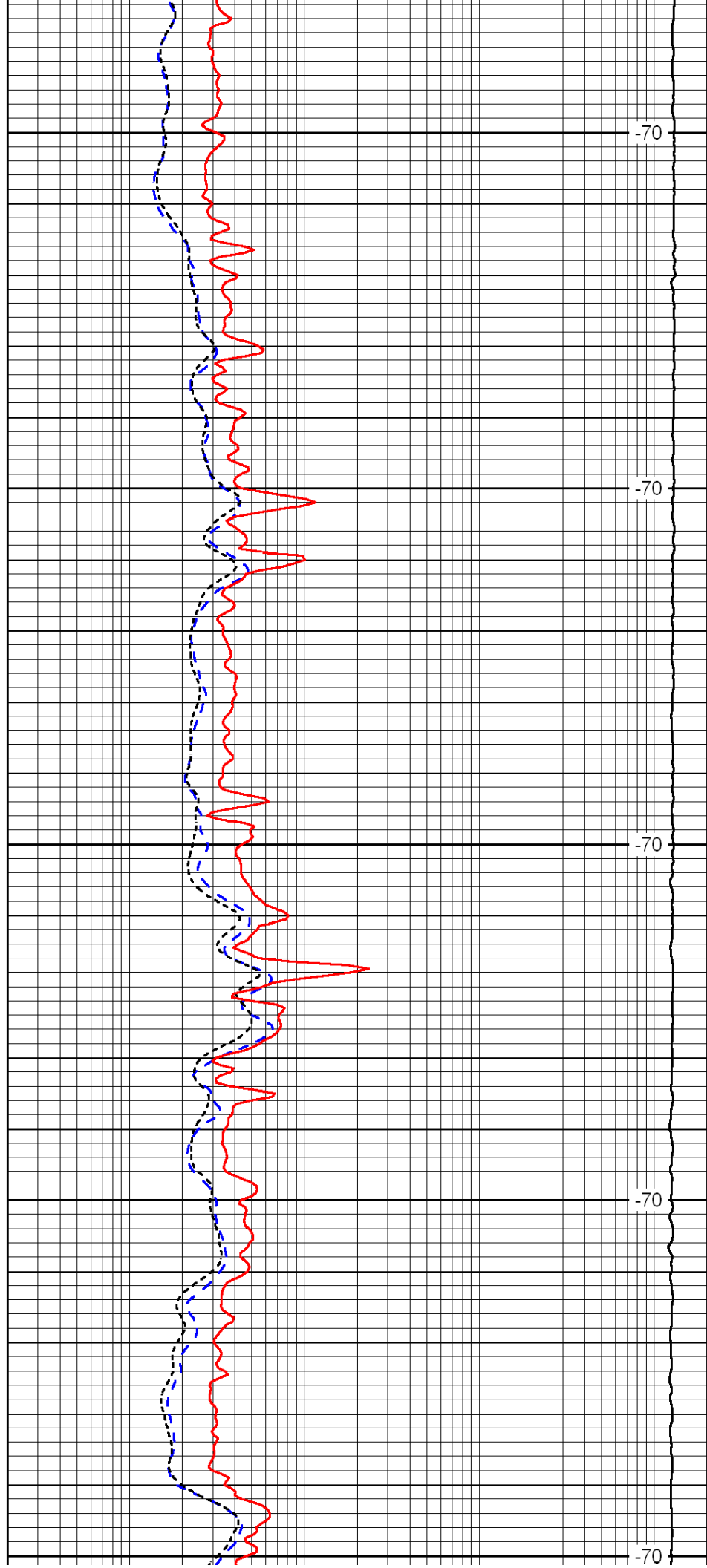
1700

1750

1800

1850

1900



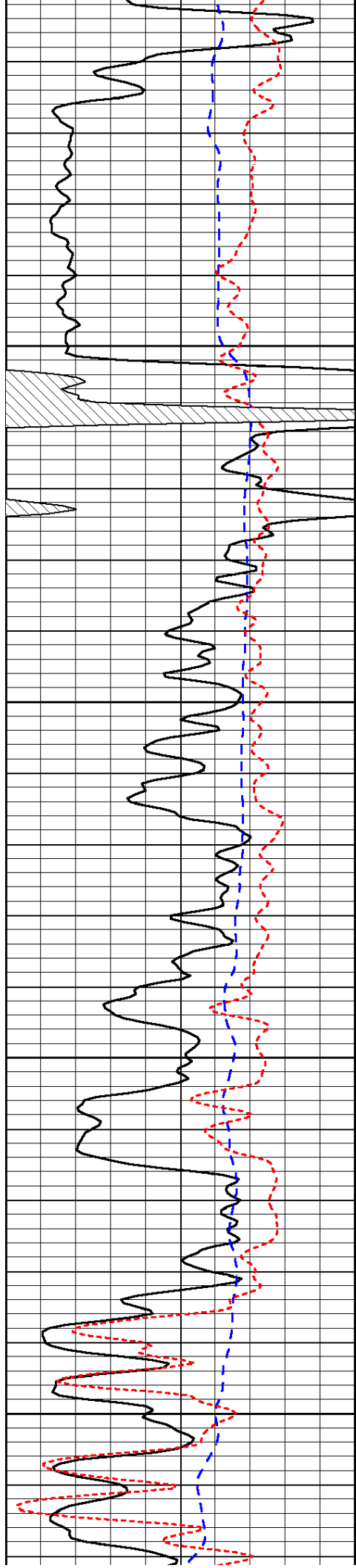
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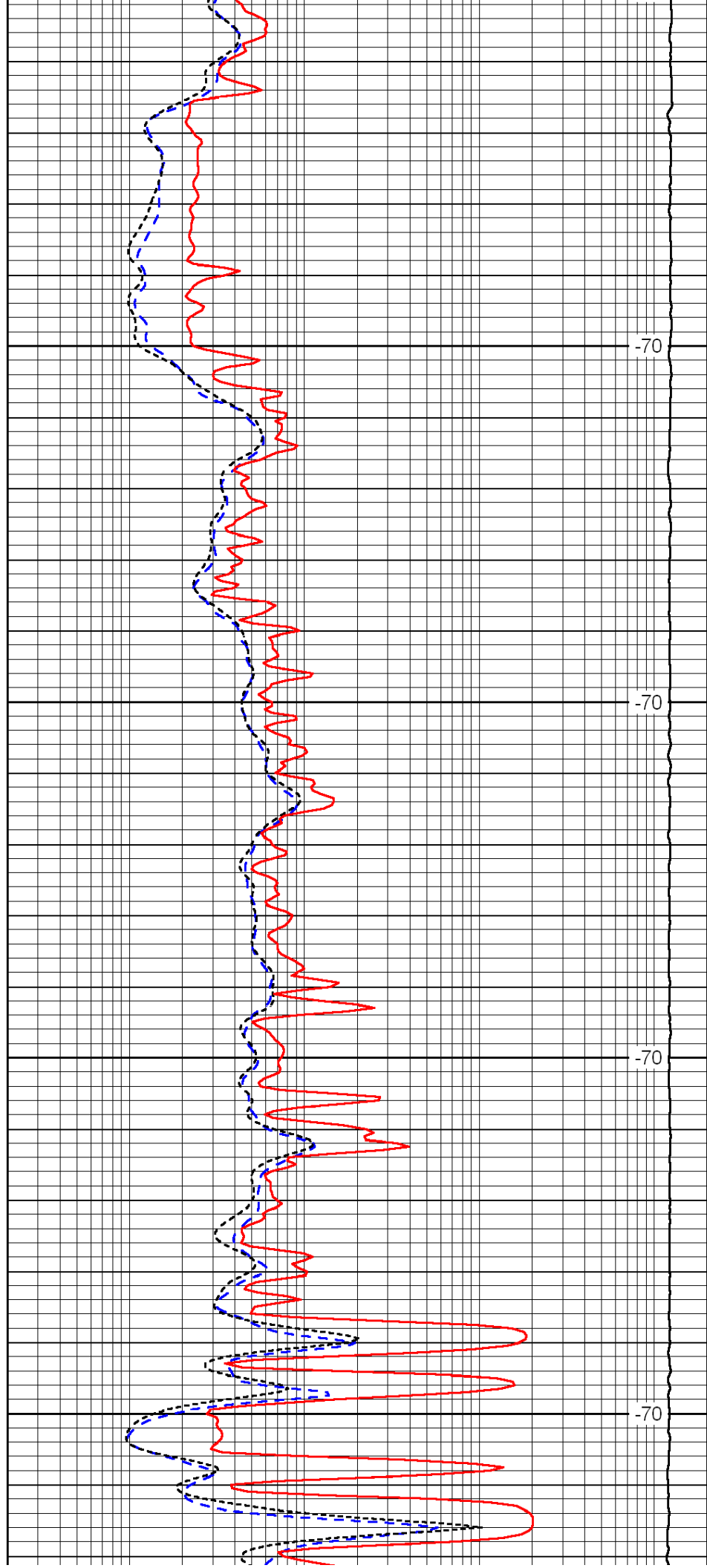


1950

2000

2050

2100

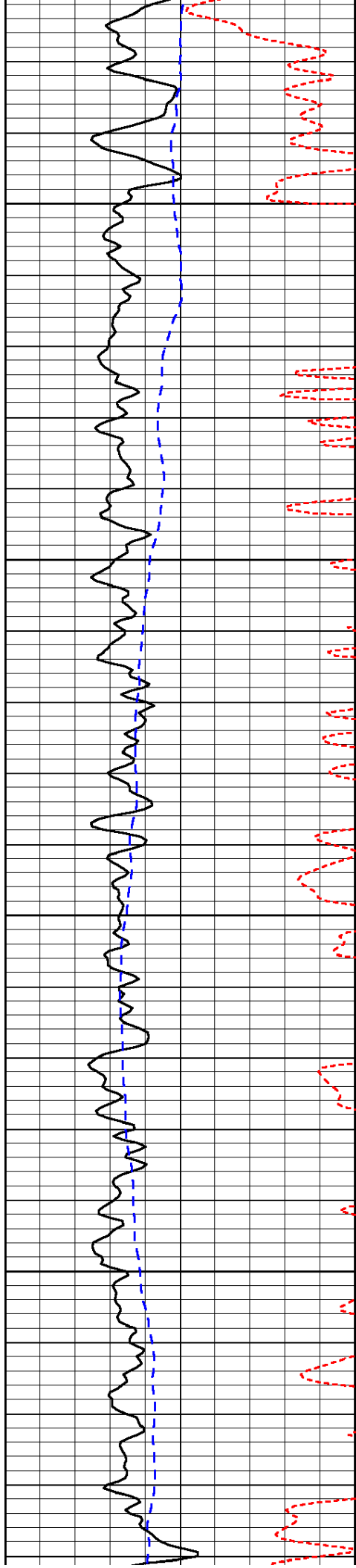


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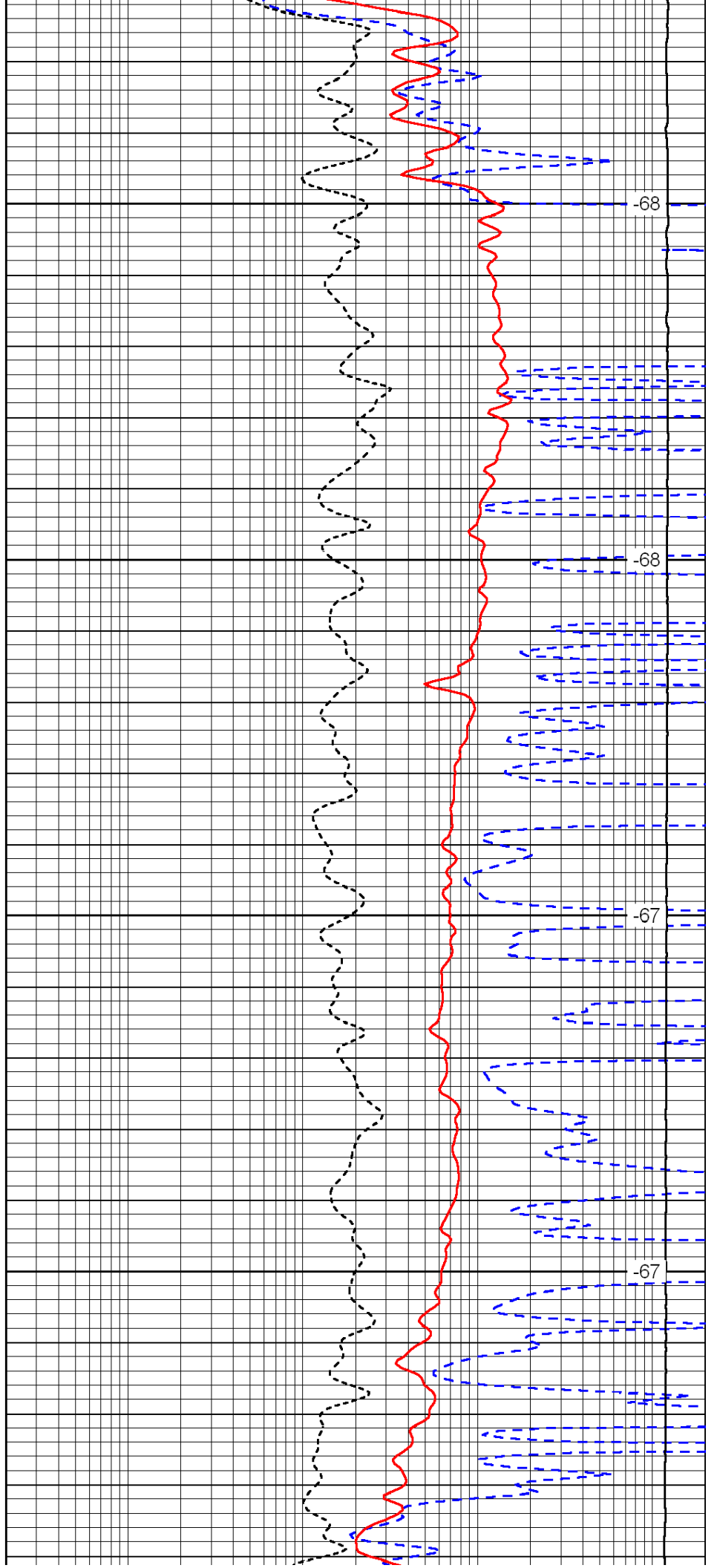


2150

2200

2250

2300

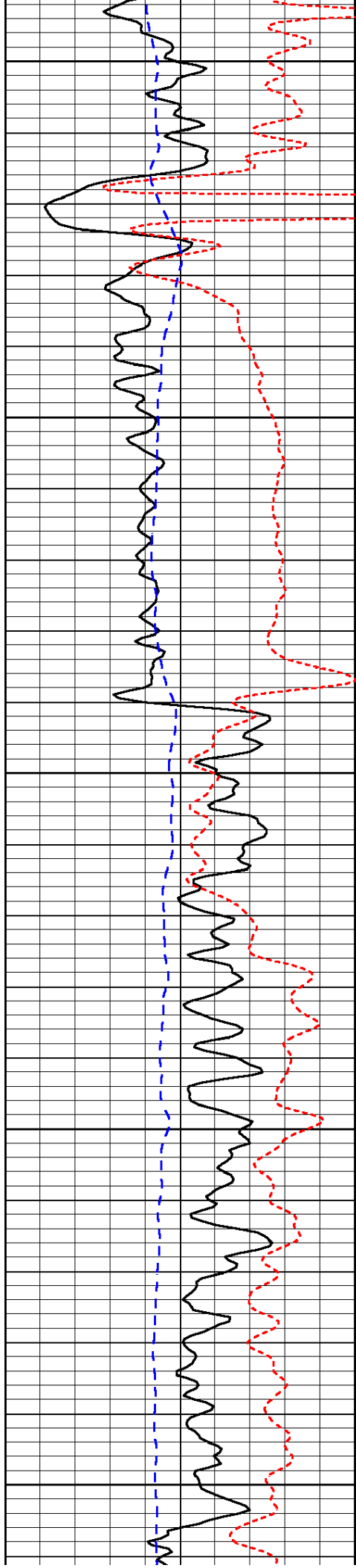


-68

-68

-67

-67



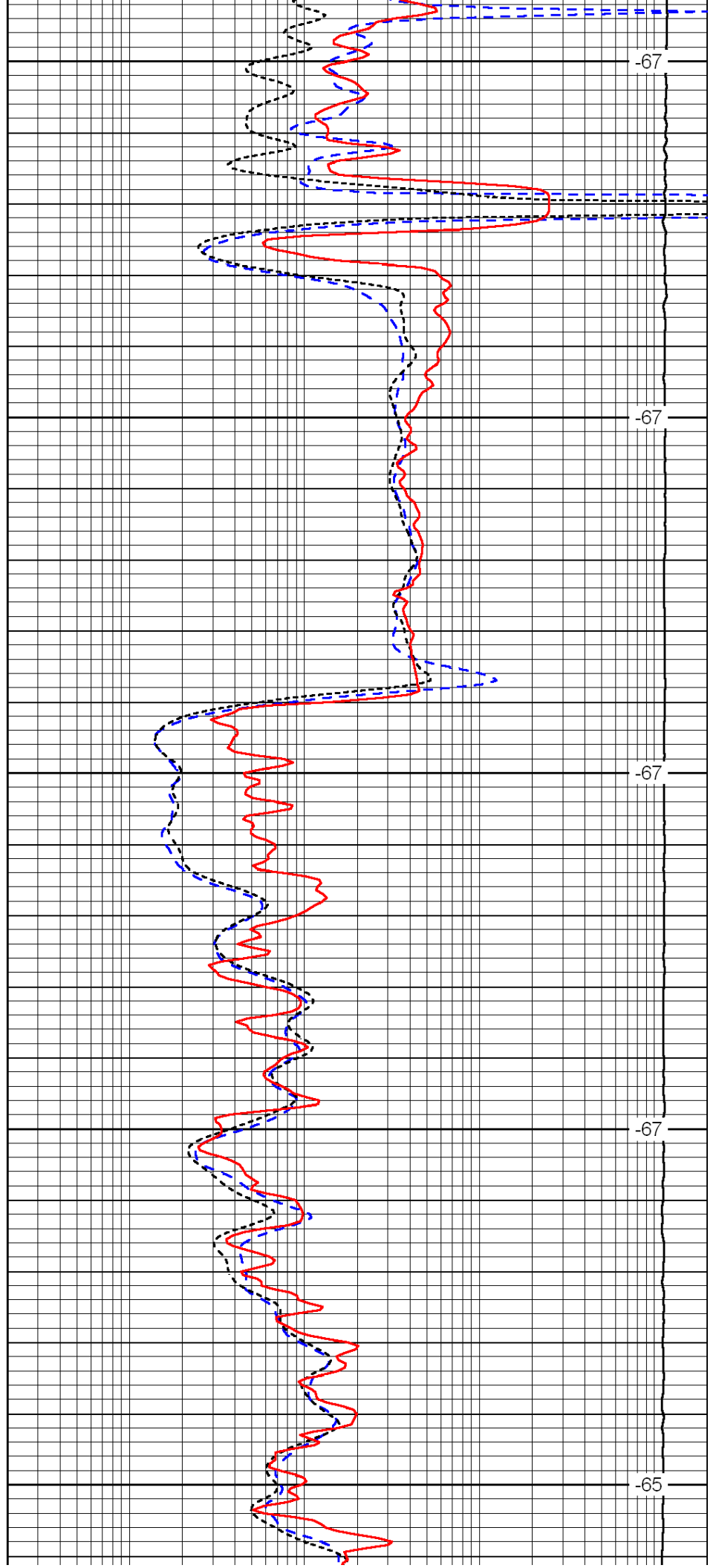
2350

2400

2450

2500

2550



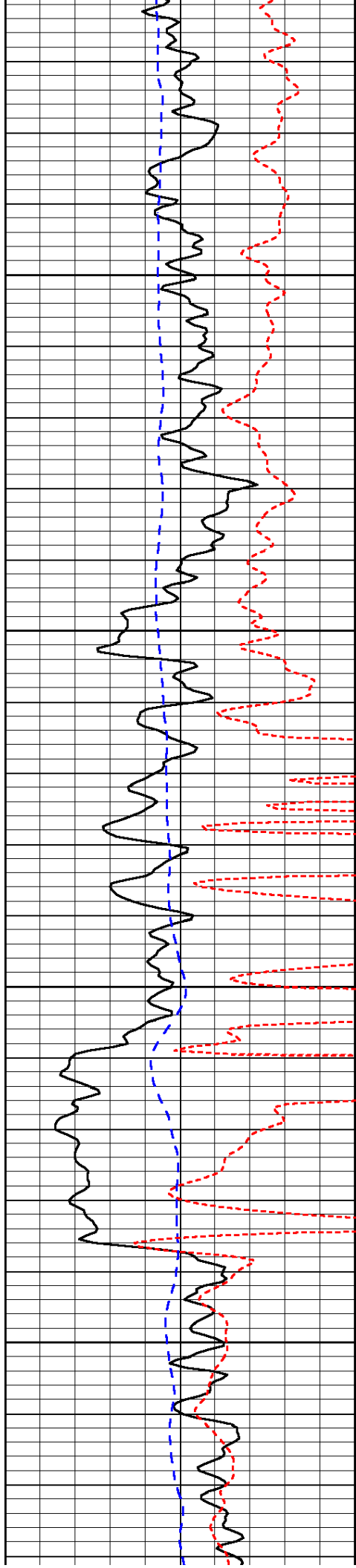
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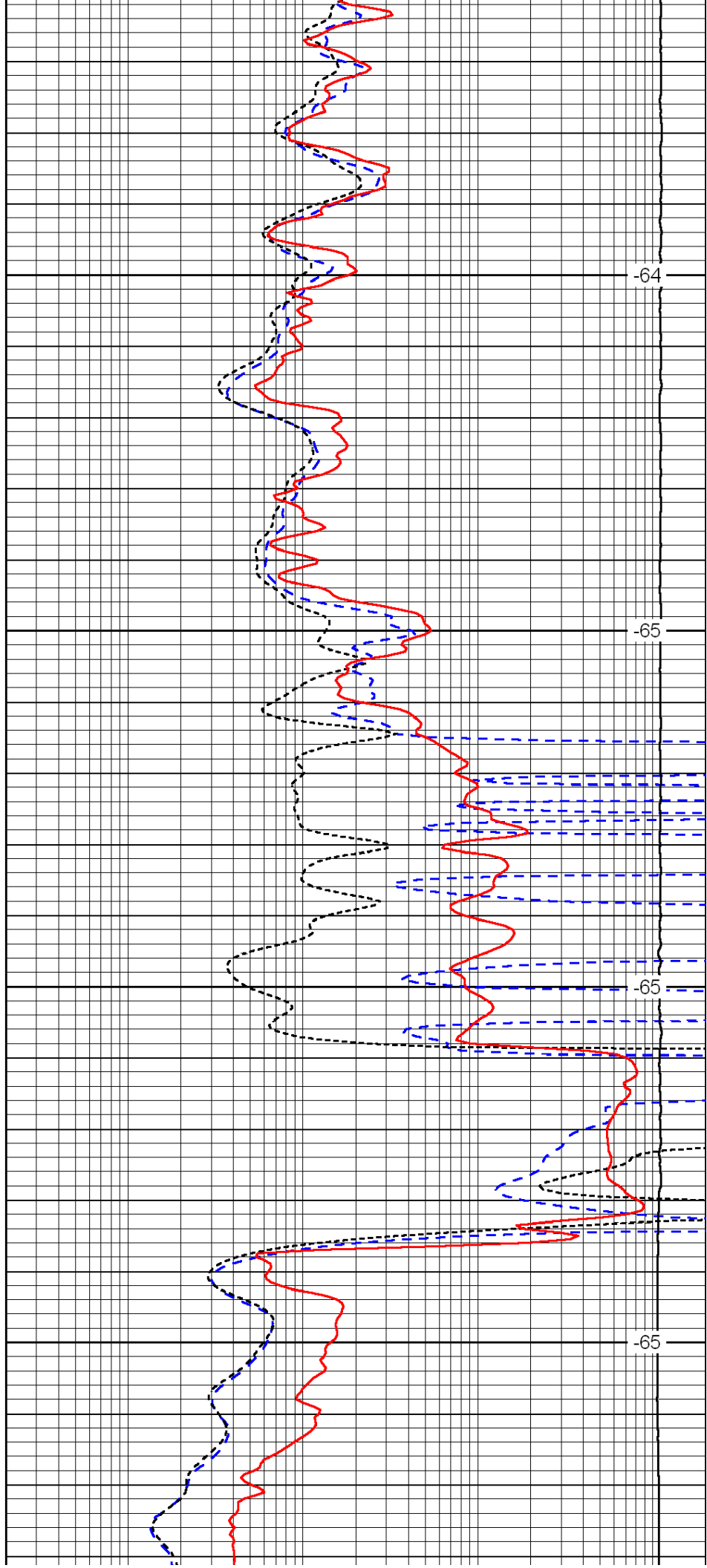


2600

2650

2700

2750

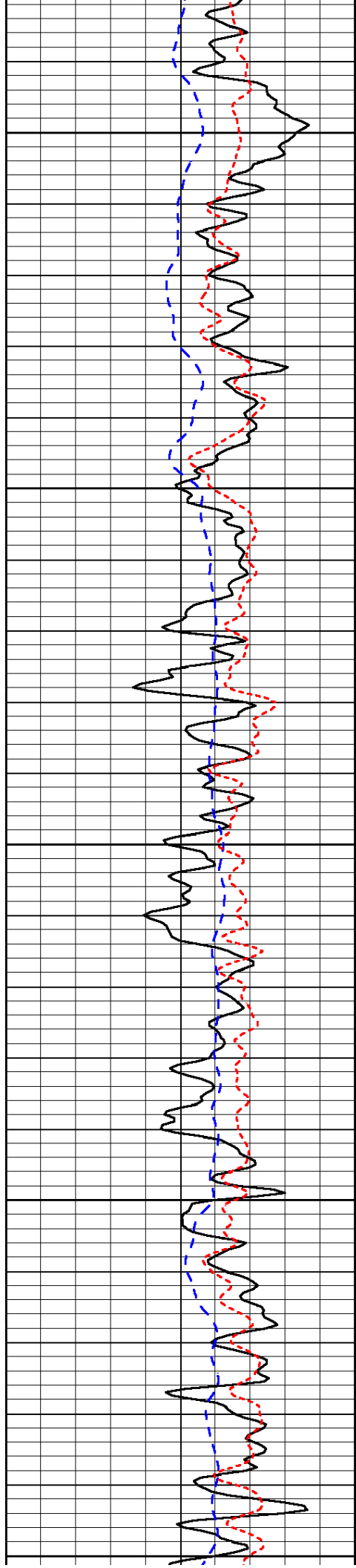


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-65

-65

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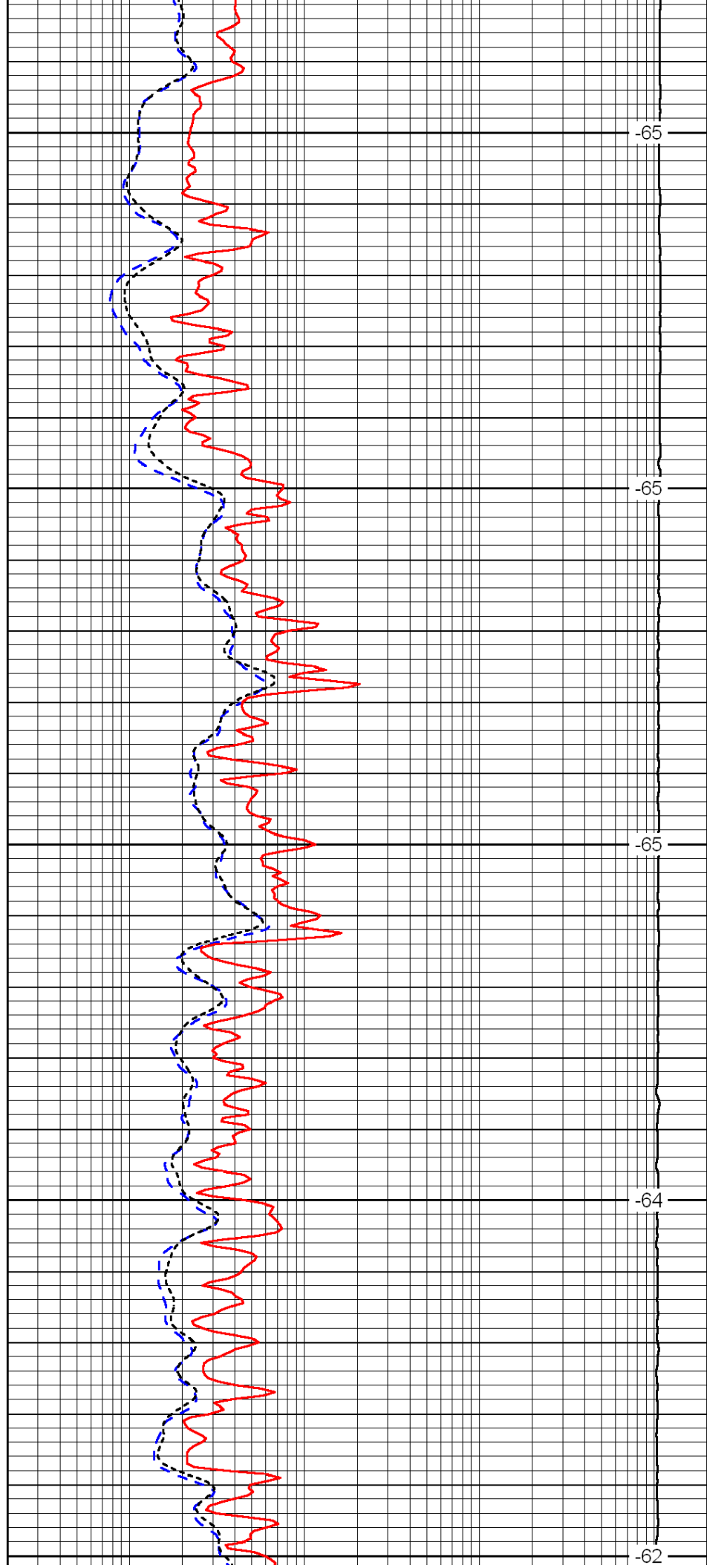
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2850

2900

2950

3000



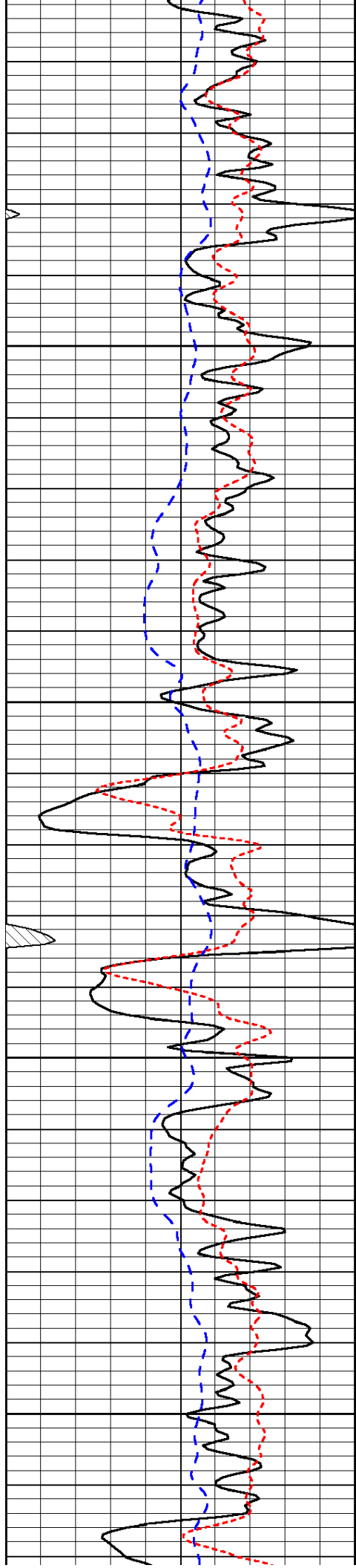
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-65

-64

-62



3050

3100

3150

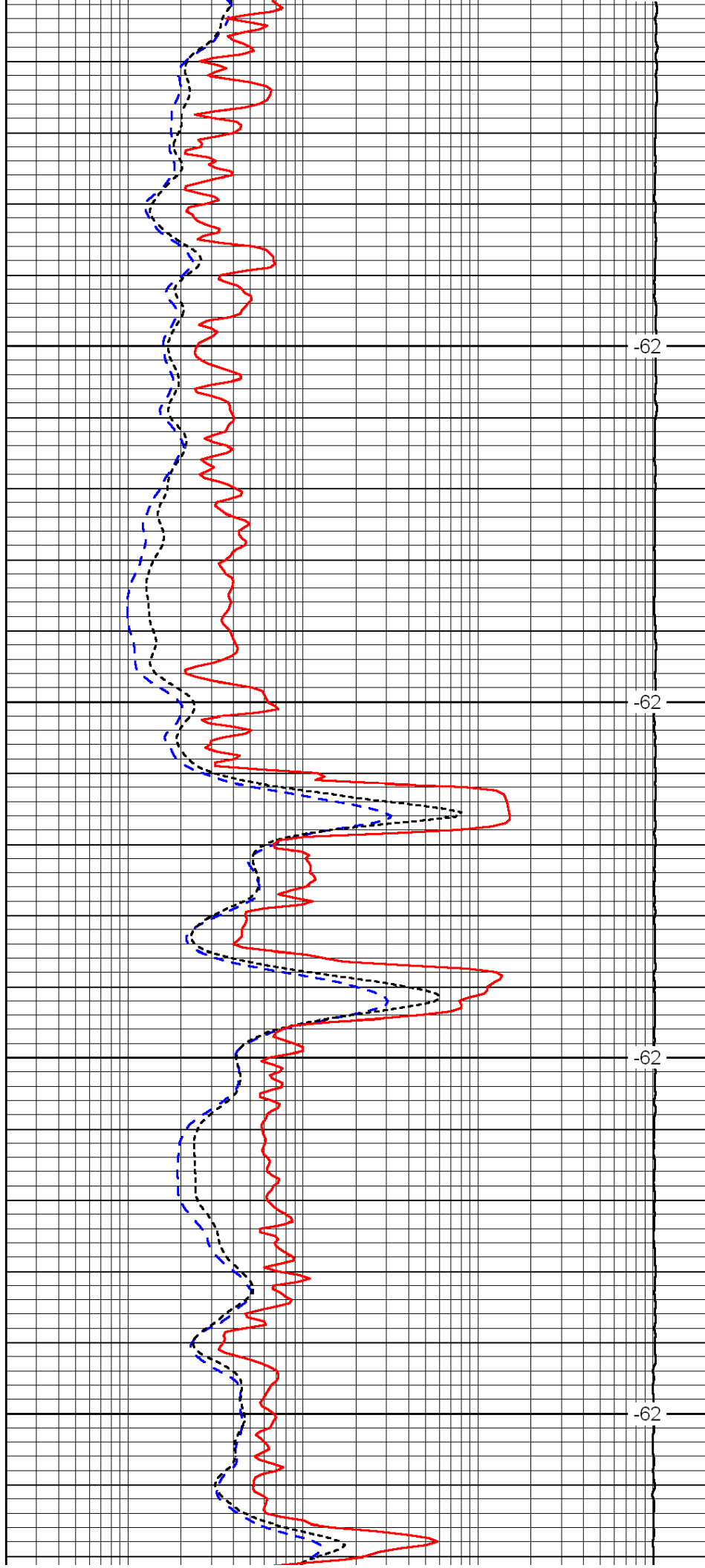
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-62

-62

-62

-62

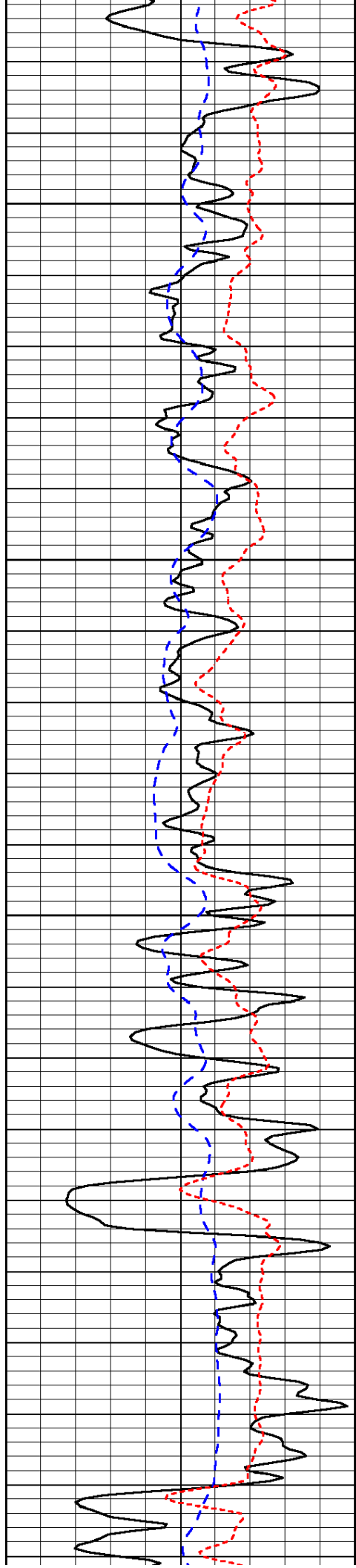


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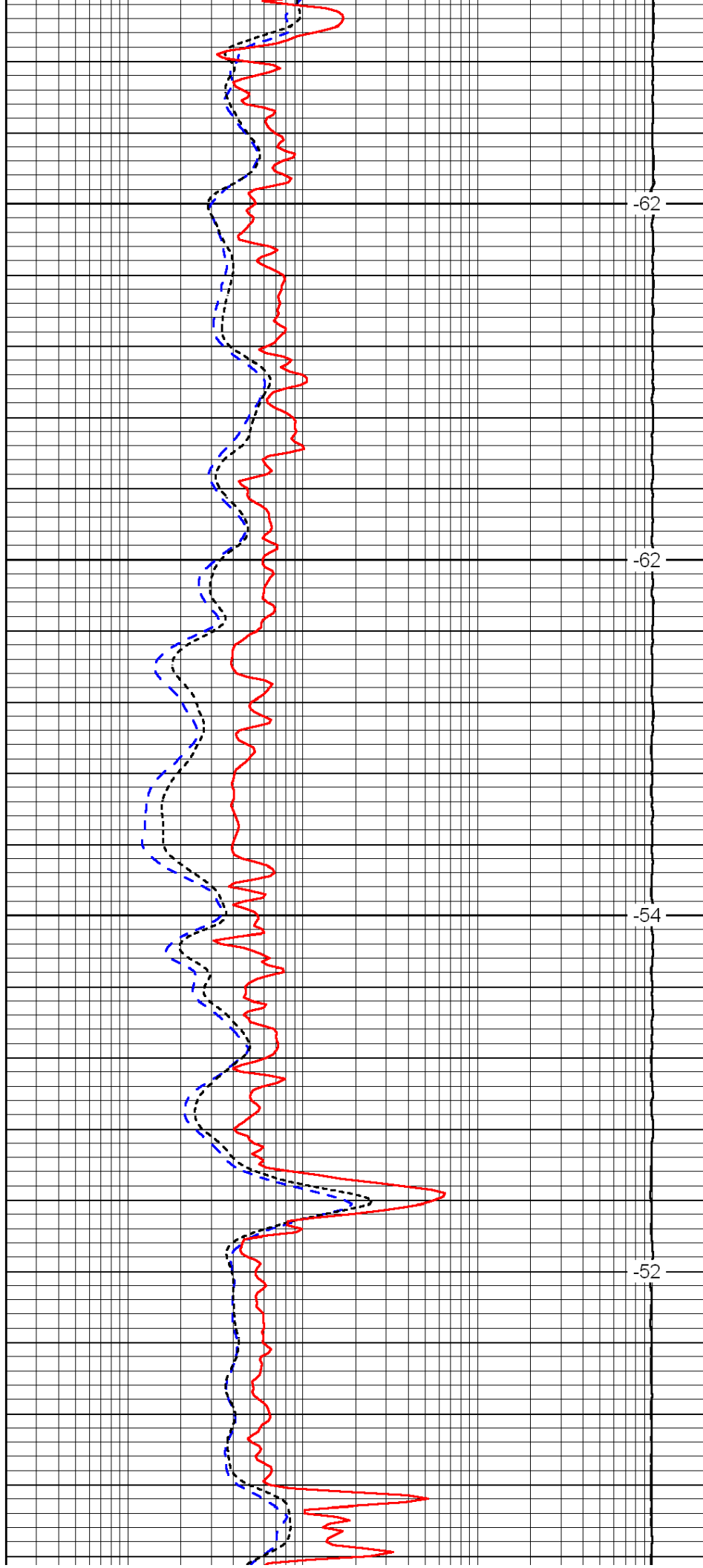


3250

3300

3350

3400

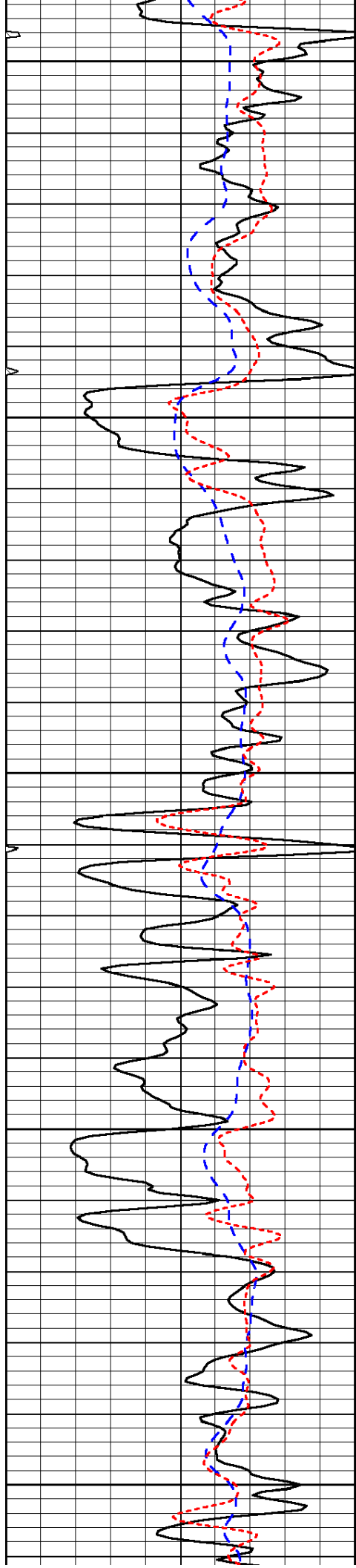


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-62

-54

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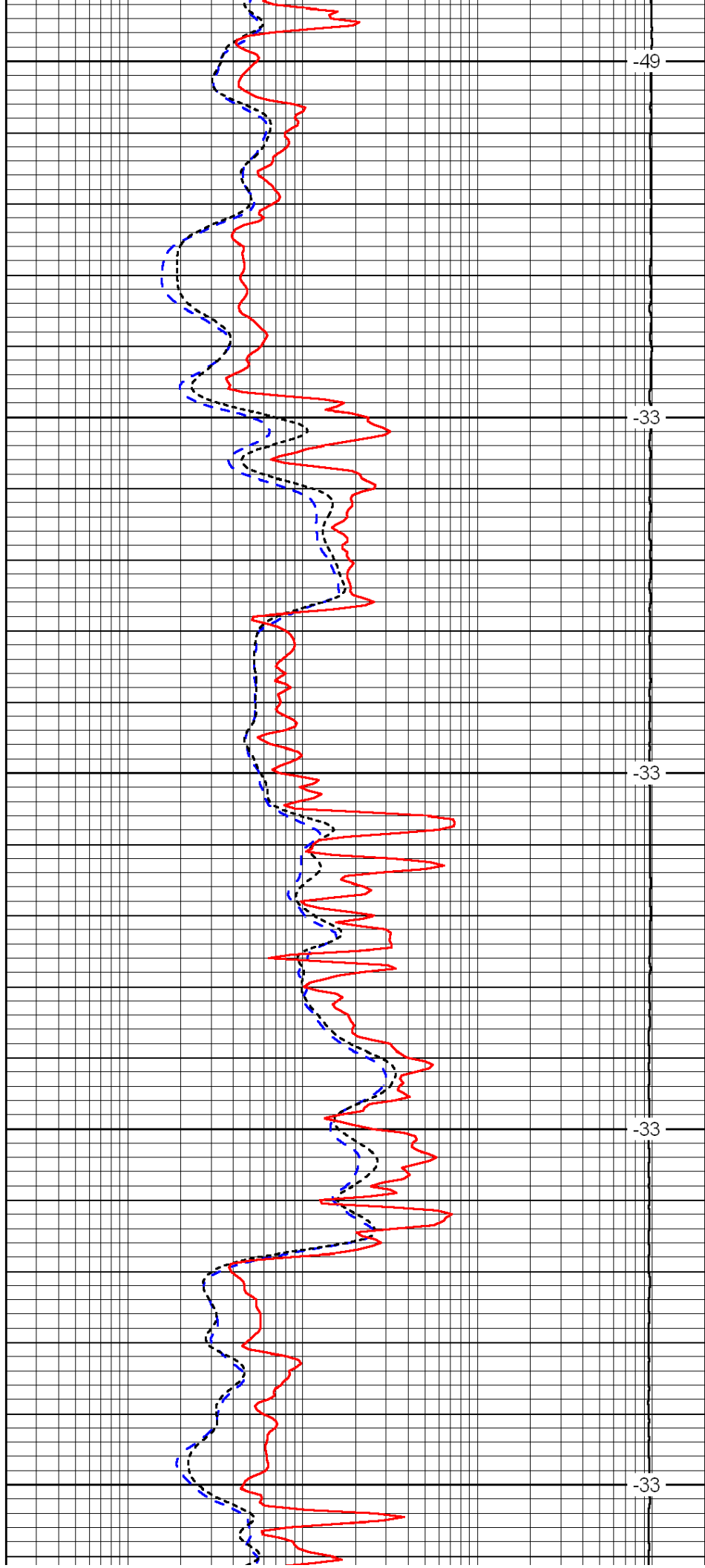
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3550

3600

3650



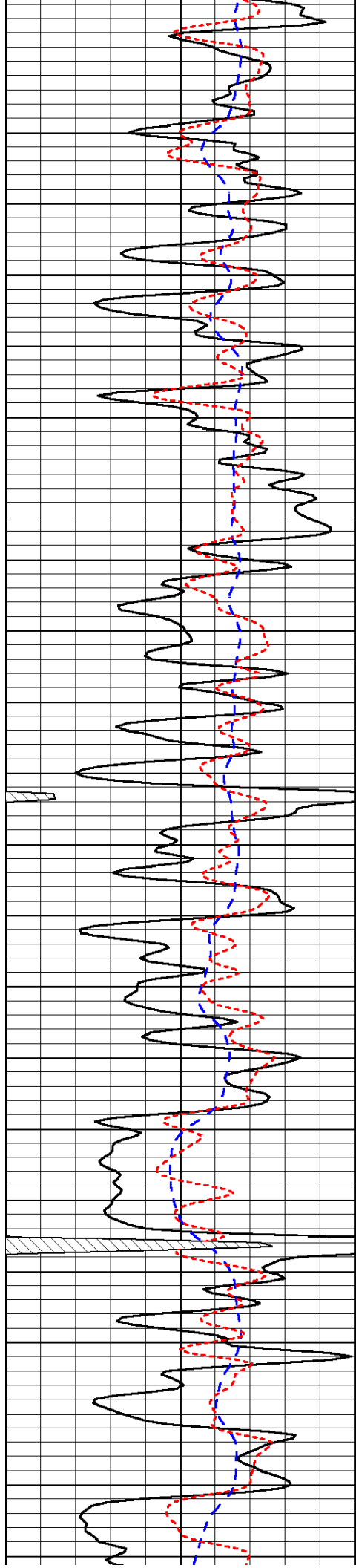
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-33

-33

-33

-33

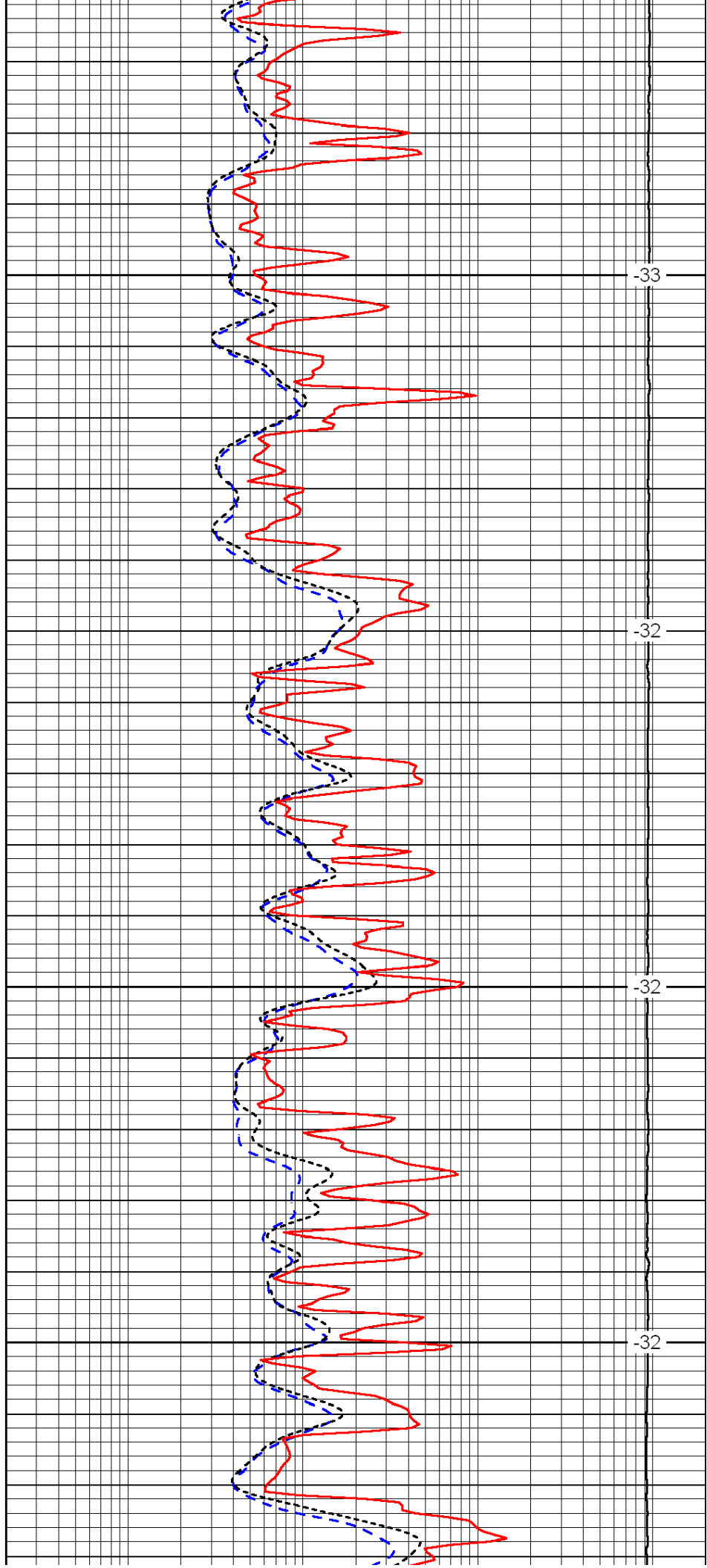


3700

3750

3800

3850

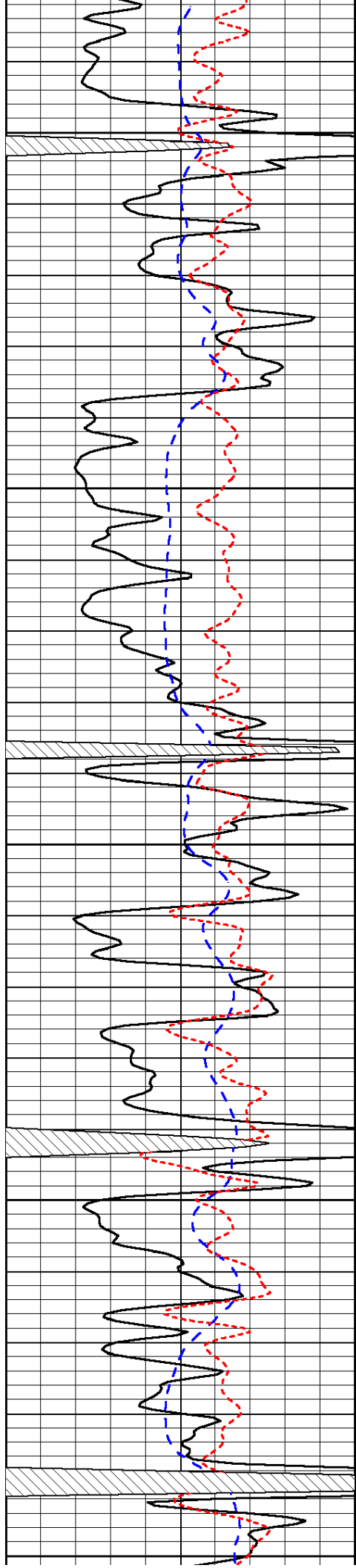


-33

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-32

-32



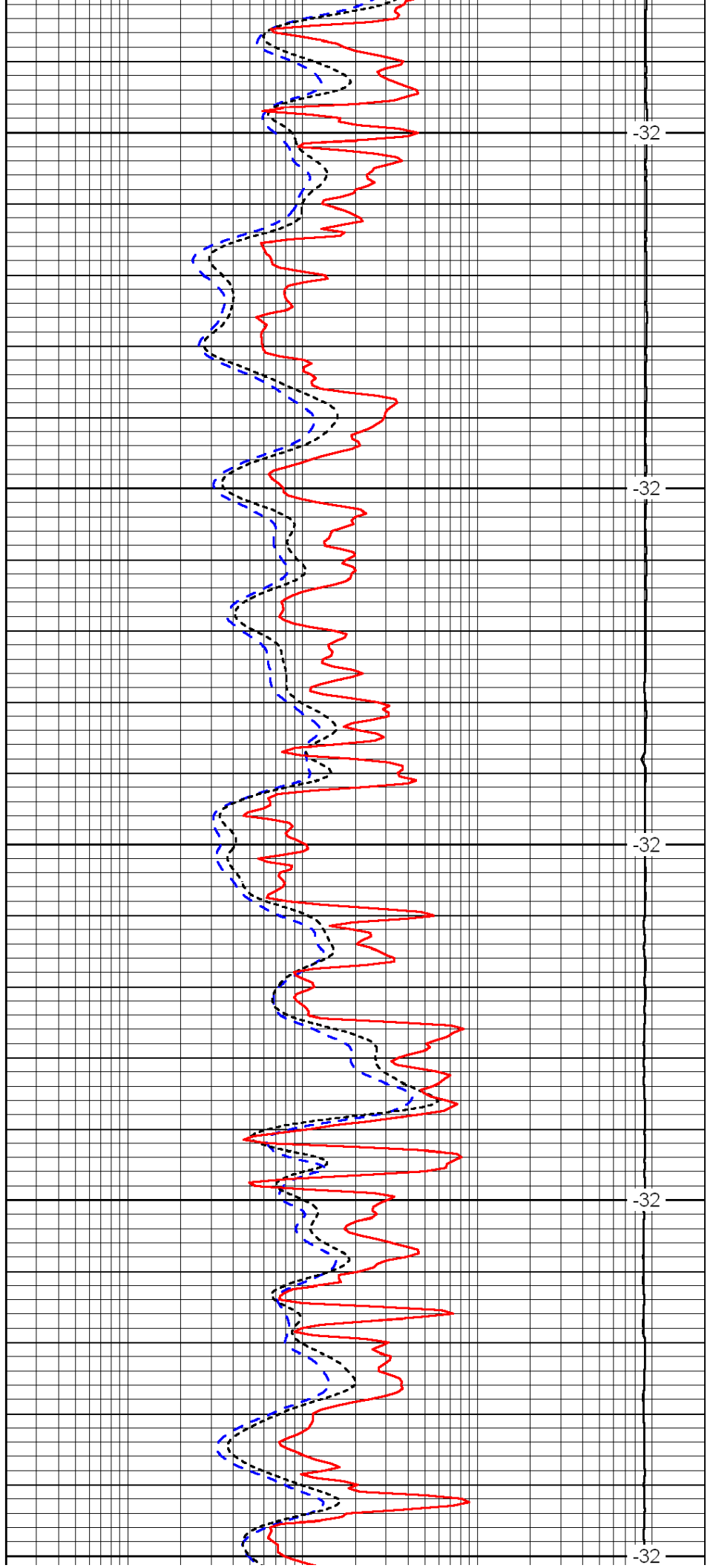
3900

3950

4000

4050

4100



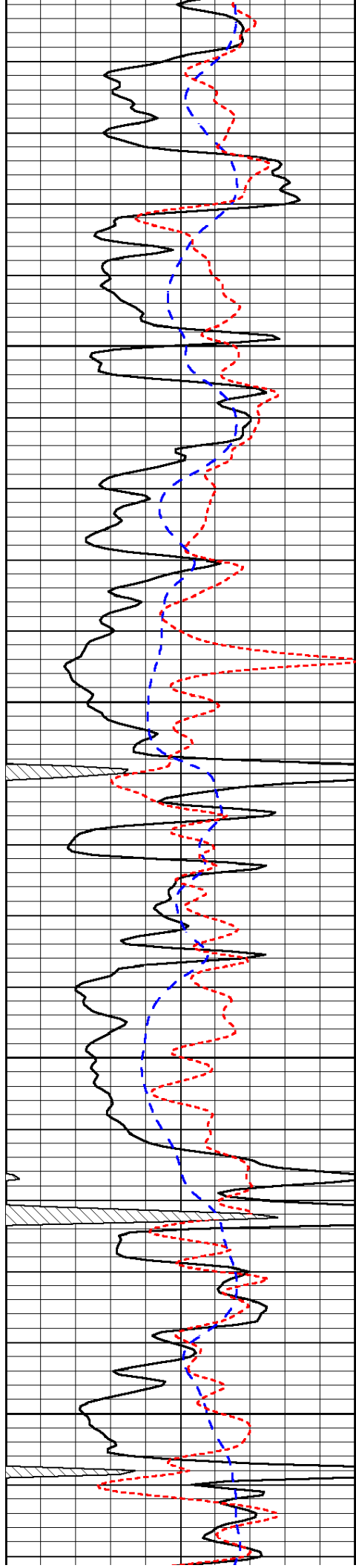
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-32

-32

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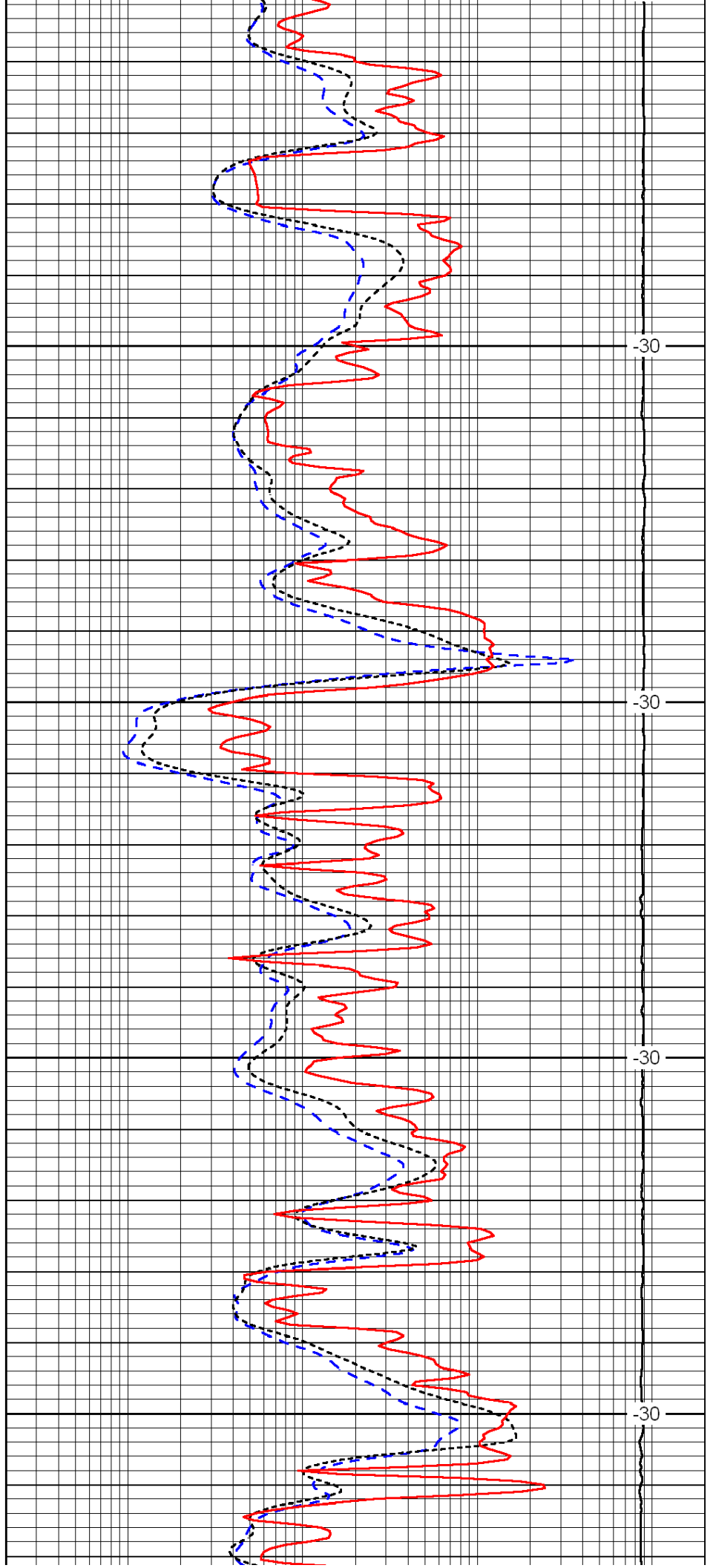


4150

4200

4250

4300

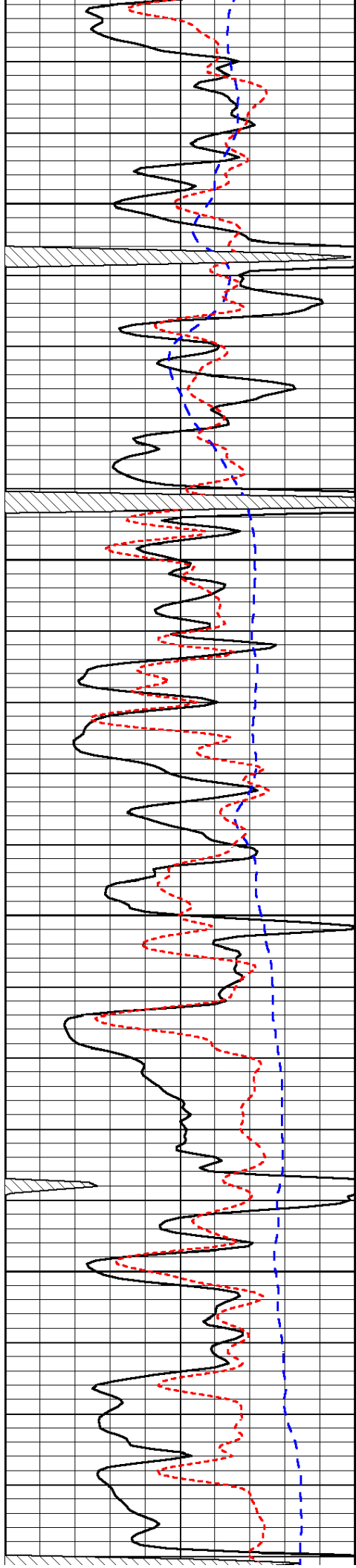


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-30

-30

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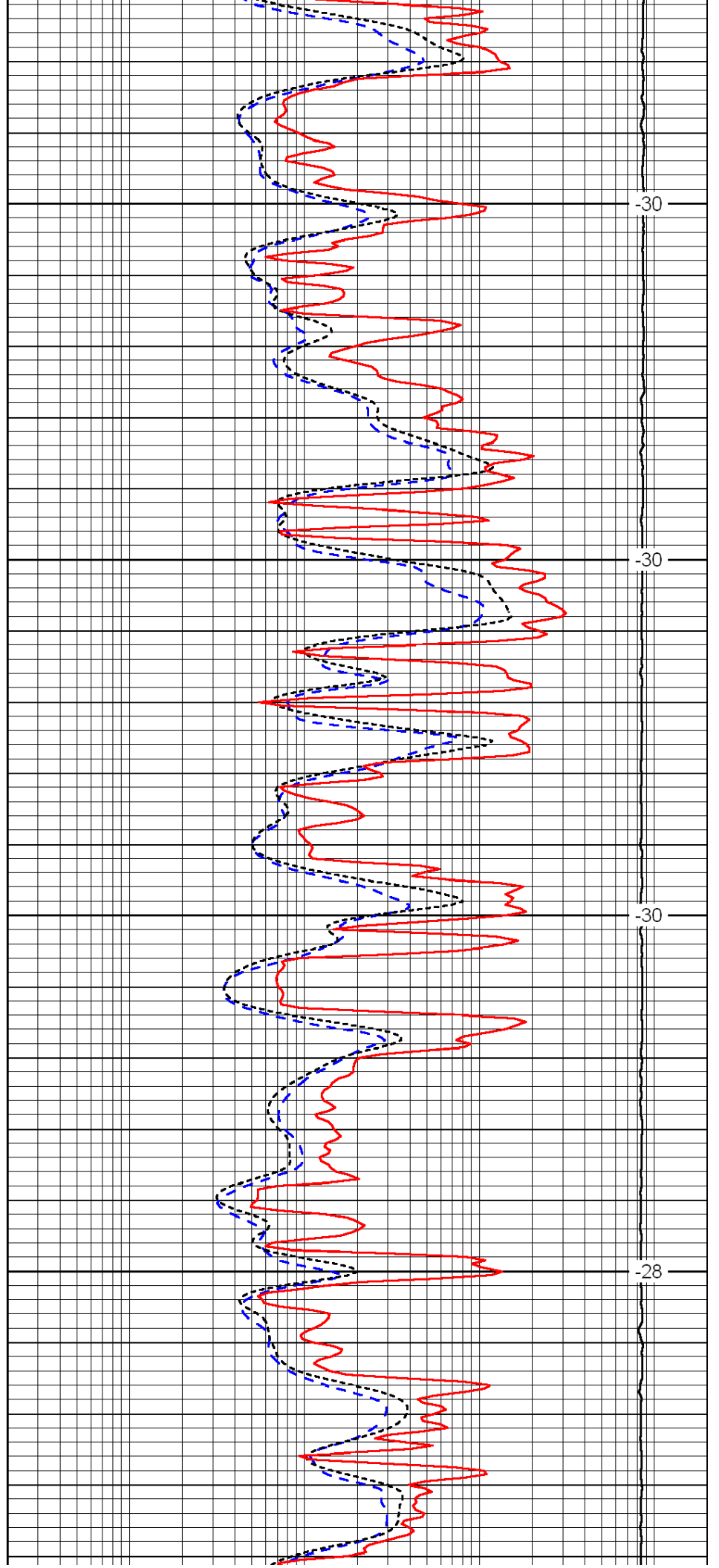


4350

4400

4450

4500

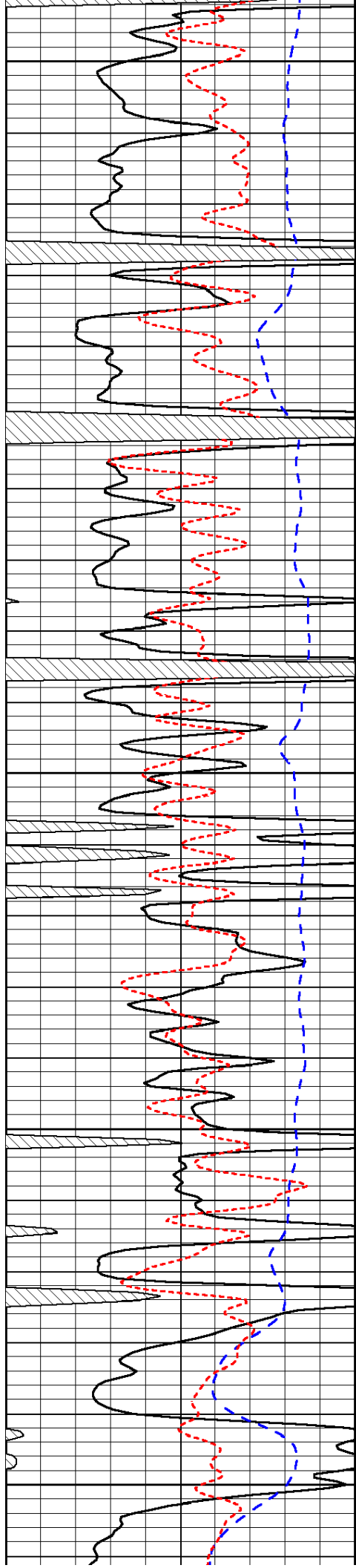


-30

-30

-30

-28



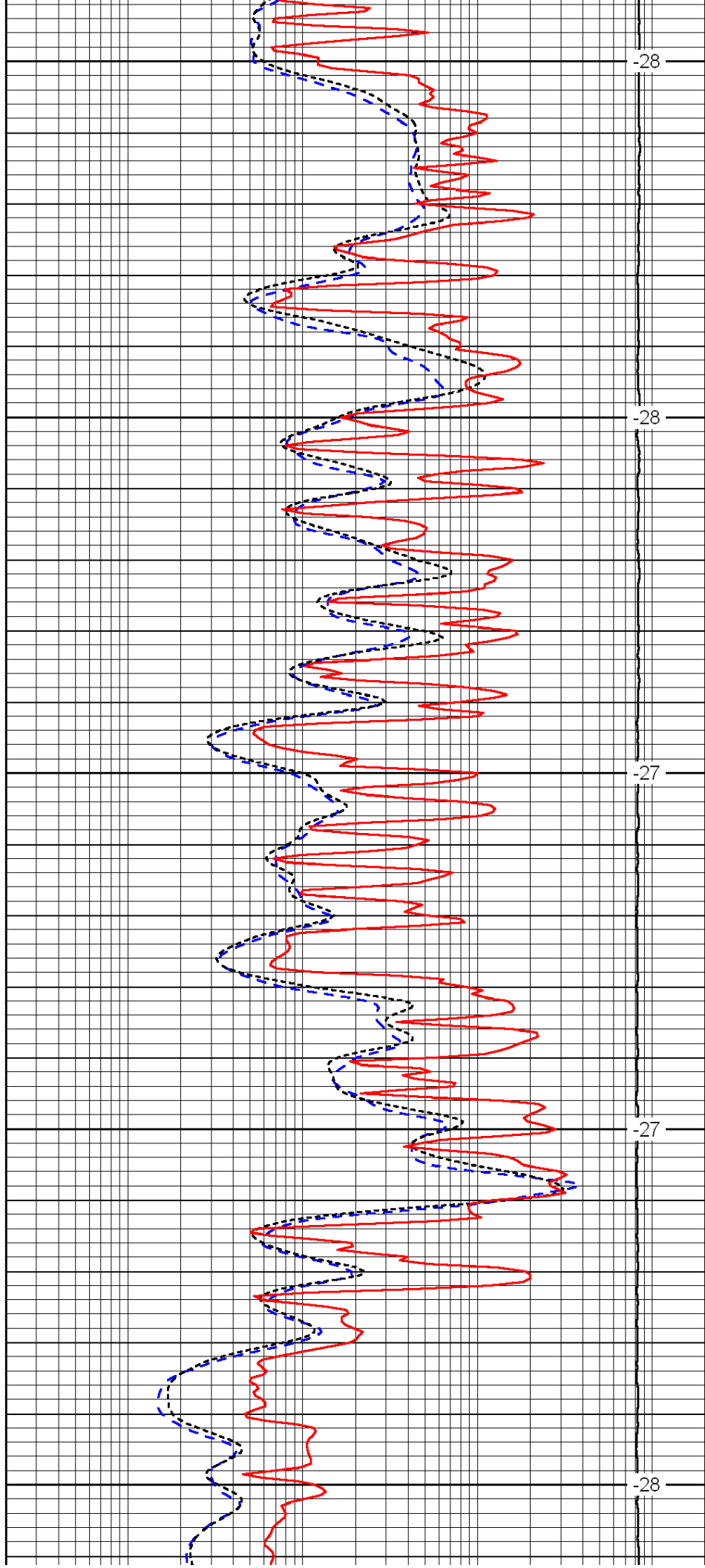
4550

4600

4650

4700

4750



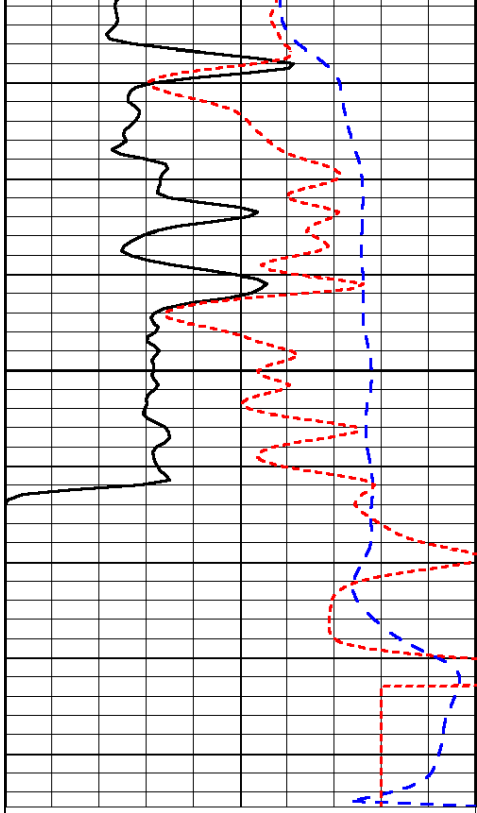
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-28

-27

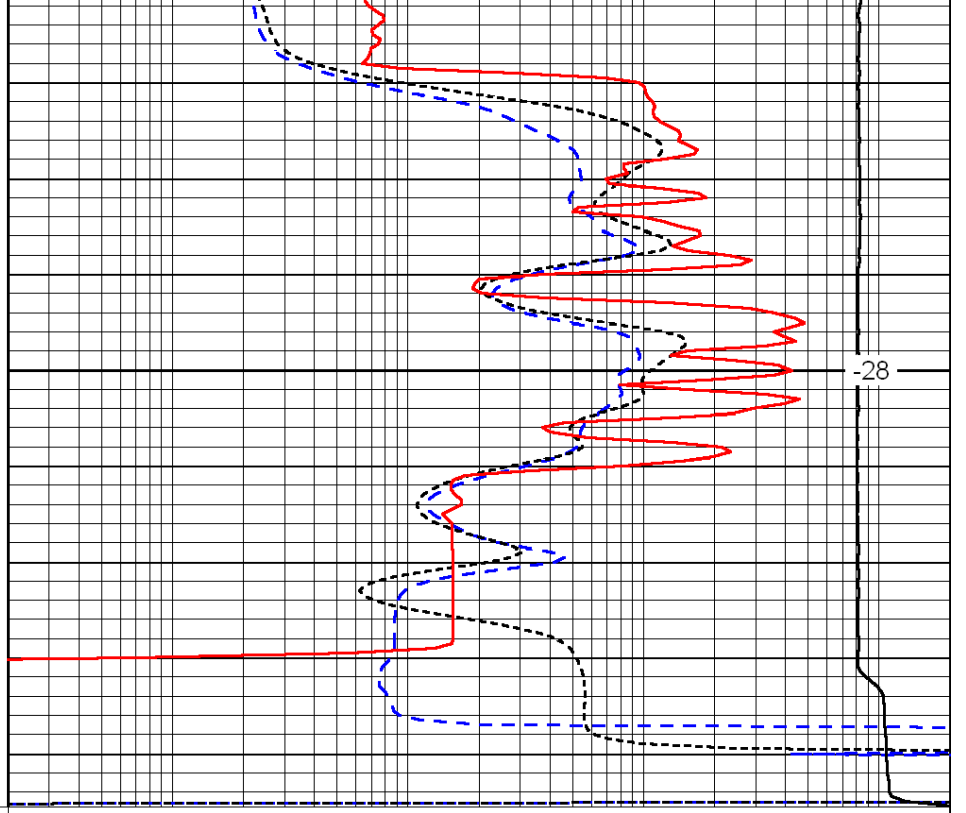
-27

-28



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

4800



-28

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

LSPD