

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-109-20,884-00-00

Company Murfin Drilling Company, Inc.

Well Gary No. 2-25

Field Funky Town West

County Logan

State

Kansas

Location

SW NW SE SW
750' FSL & 1,580' FWL

Sec: 25

Twp: 12S

Rge: 33W

Other Services
CNL/CDL
MEL/BHCS

Elevation

Permanent Datum Ground Level Elevation 3092
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3097
D.F.
G.L. 3092

Date 2/8/2010

Run Number One

Depth Driller 4757

Depth Logger 4756

Bottom Logged Interval 4755

Top Log Interval 00

Casing Driller 8.625 @ 209

Casing Logger 209

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 9500

Density / Viscosity 9.2 56

pH / Fluid Loss 11.5 7.2

Source of Sample Flowline

Rm @ Meas. Temp .30 @ 58

Rmf @ Meas. Temp .23 @ 58

Rmc @ Meas. Temp .41 @ 58

Source of Rmf / Rmc Charts

Rm @ BHT .14 @ 126

Operating Rig Time 4 1/2 Hours

Max Rec. Temp. F 126

Equipment Number 17

Location Hays

Recorded By J. Long

Witnessed By Scott Robinson

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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

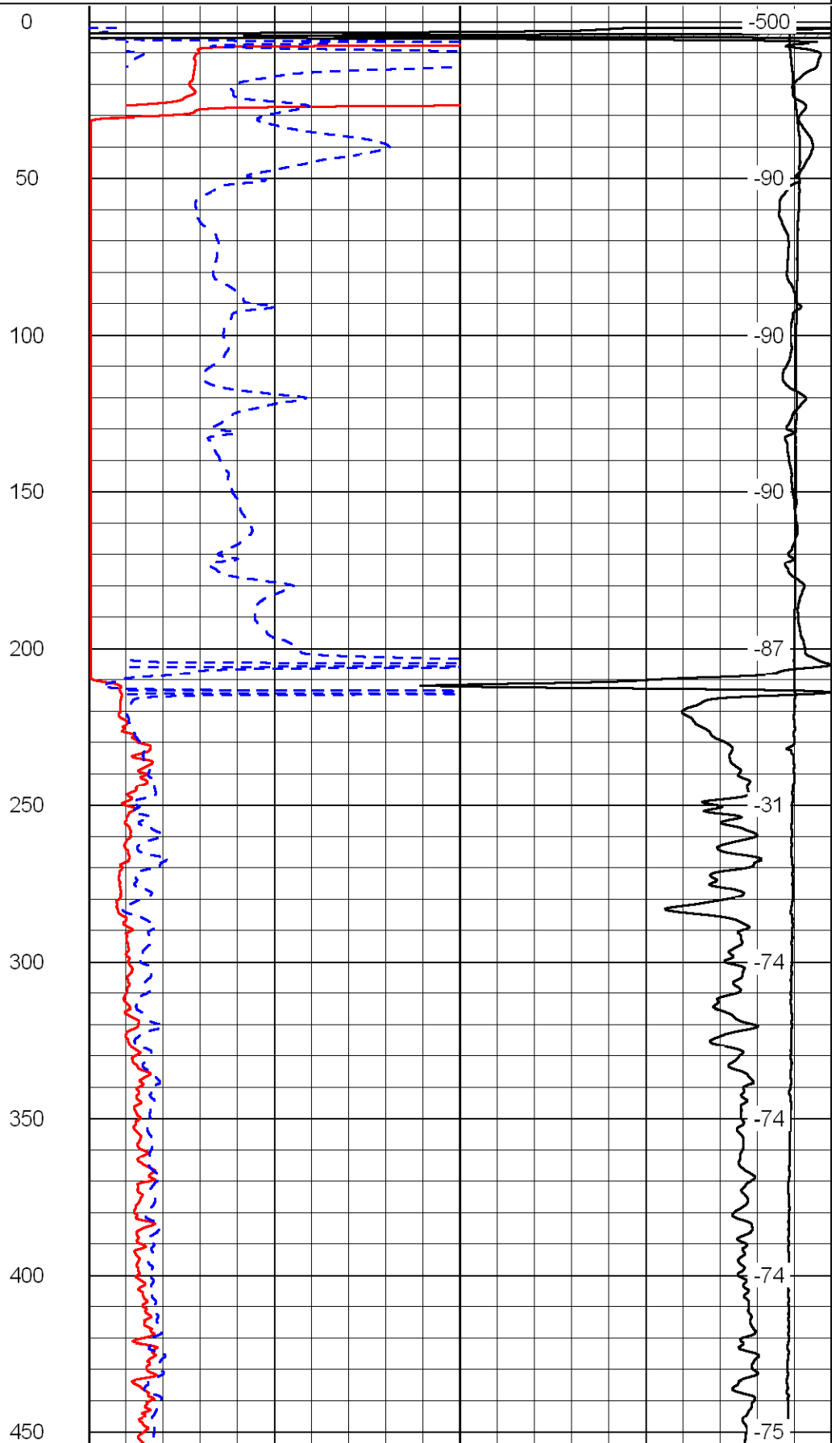
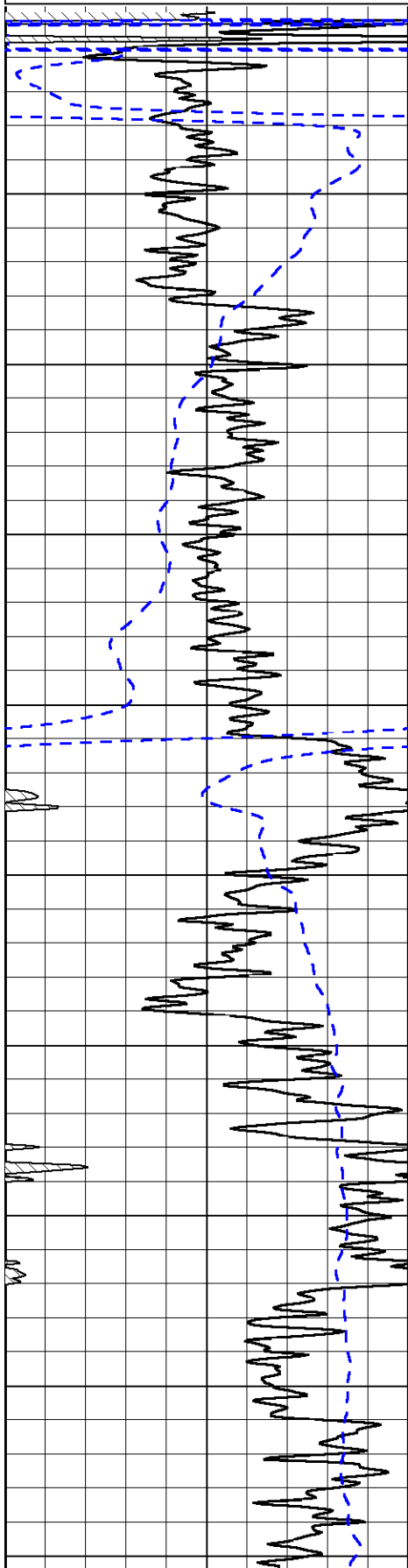
Oakley, 9 South to Ute Rd, 4 West, 1/2 South, West Into

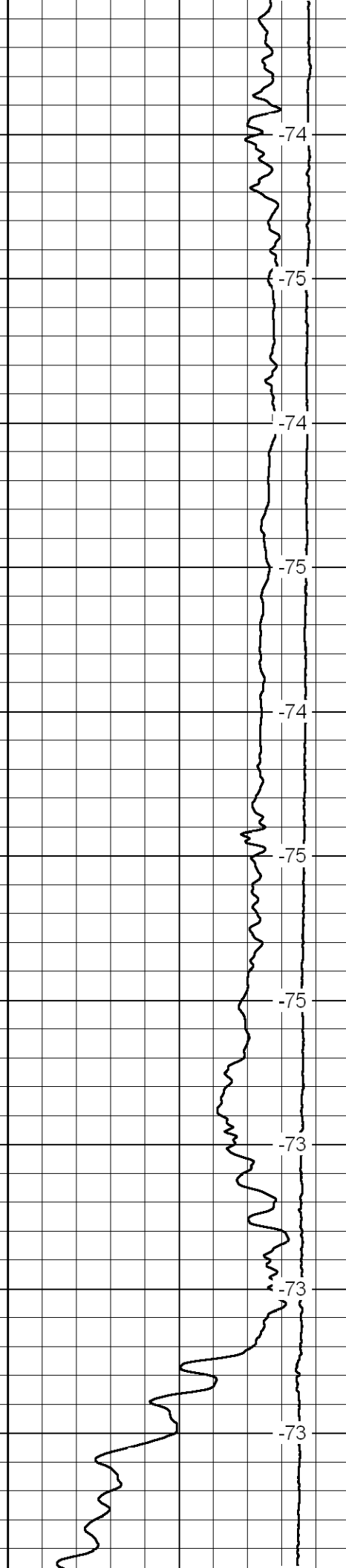
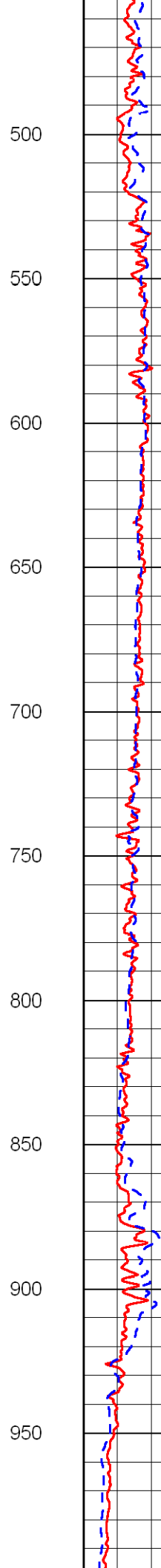
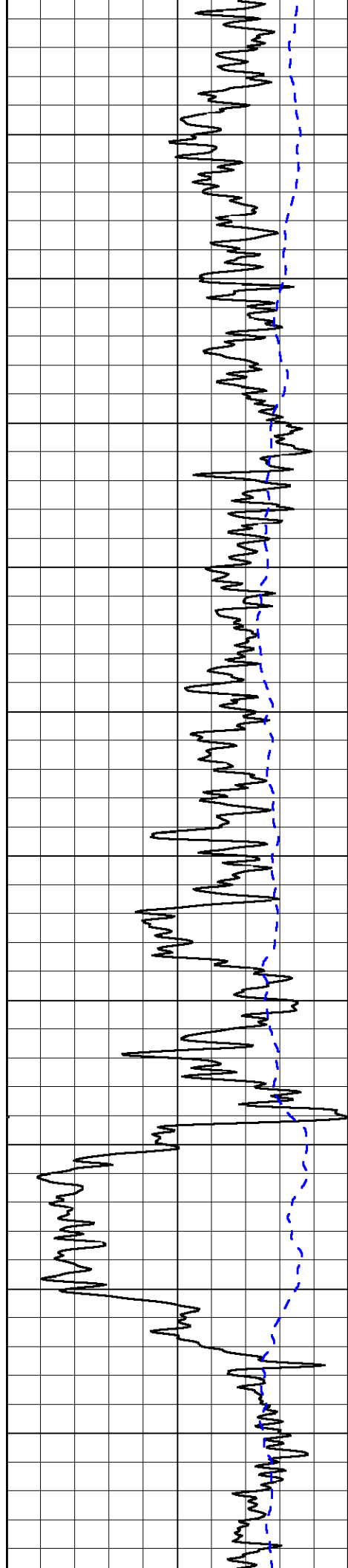
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Dataset Creation: Mon Feb 08 05:28:13 2010
Charted by: Depth in Feet scaled 1:600

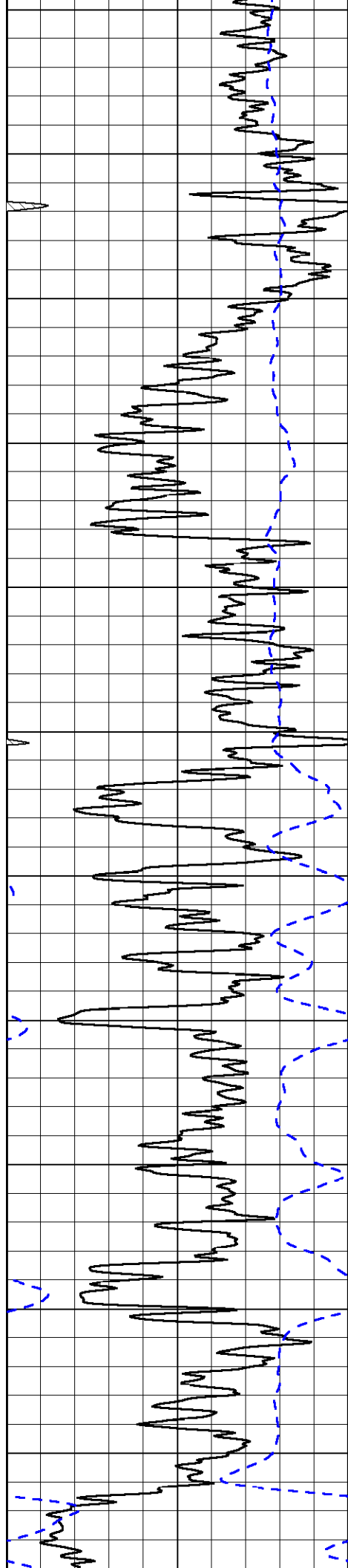
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-200	SP (MV)	0

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

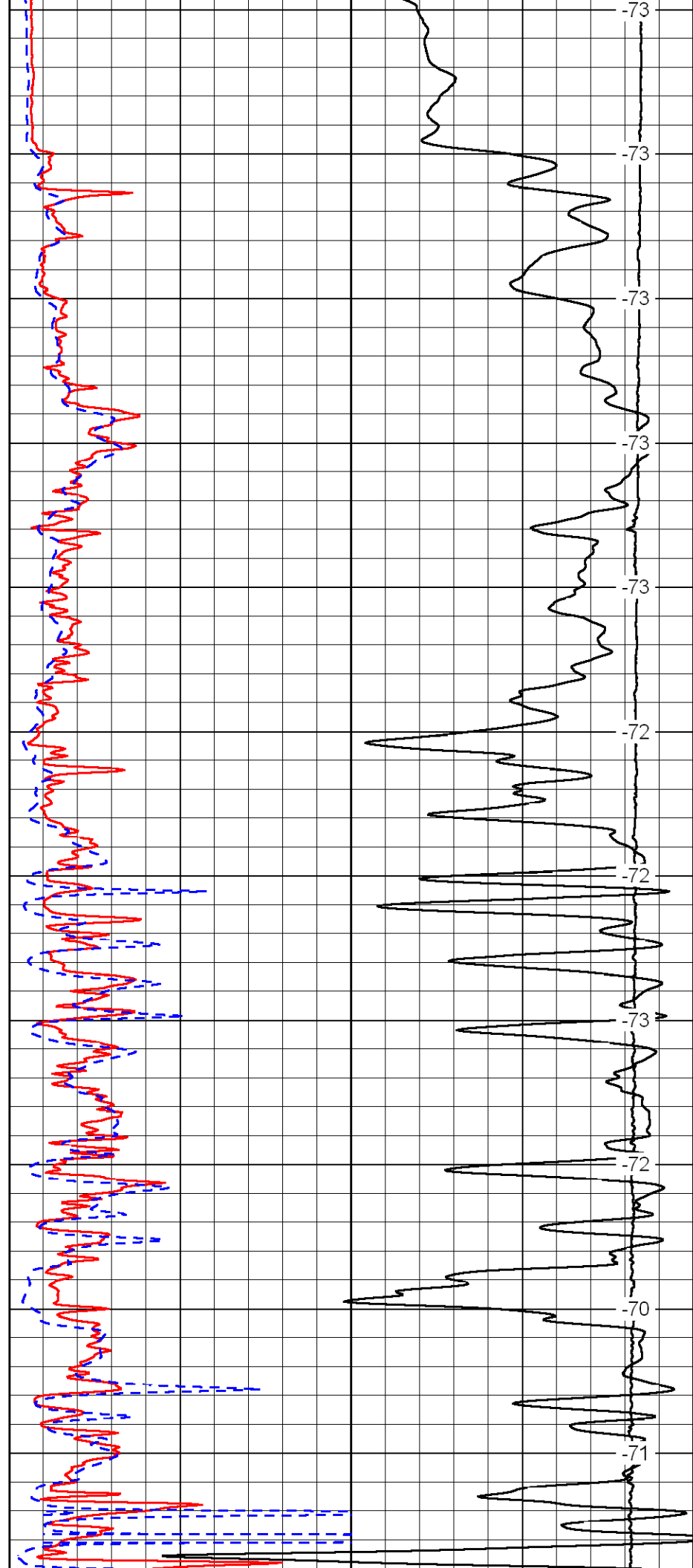
LSPD
(ft/min)

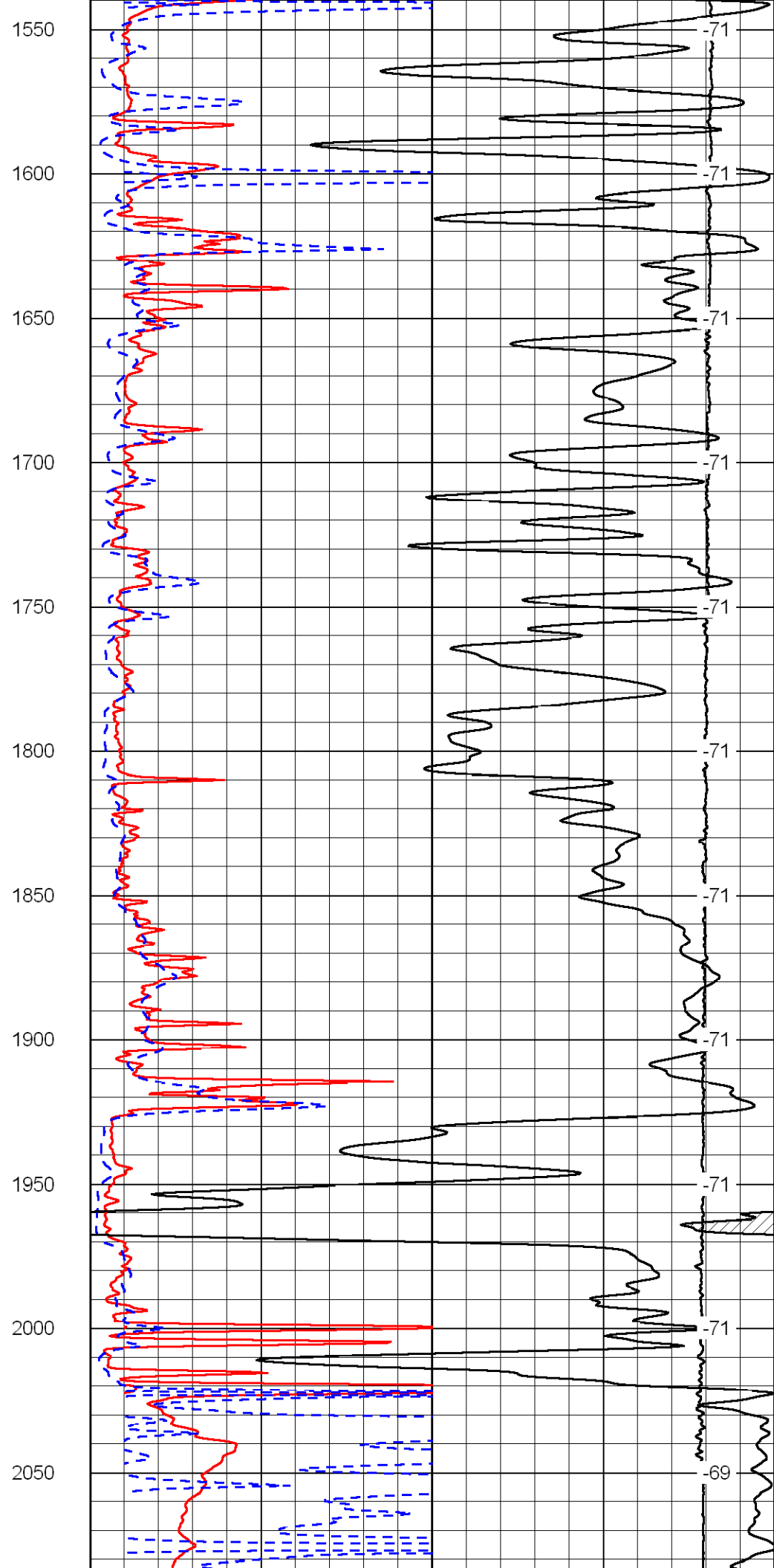
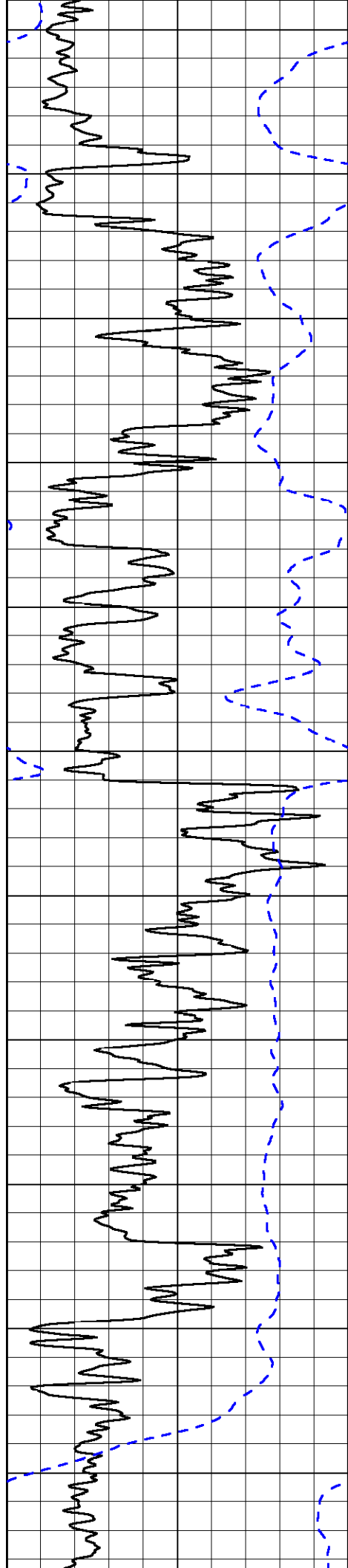


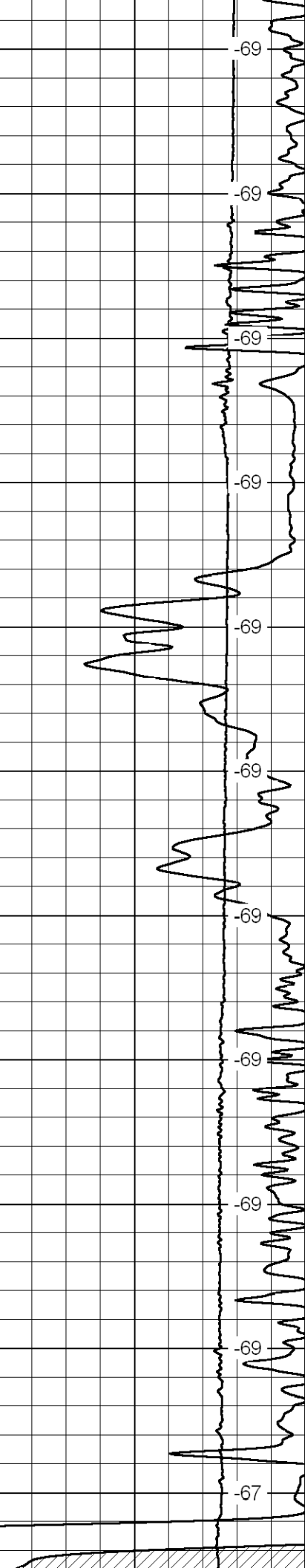
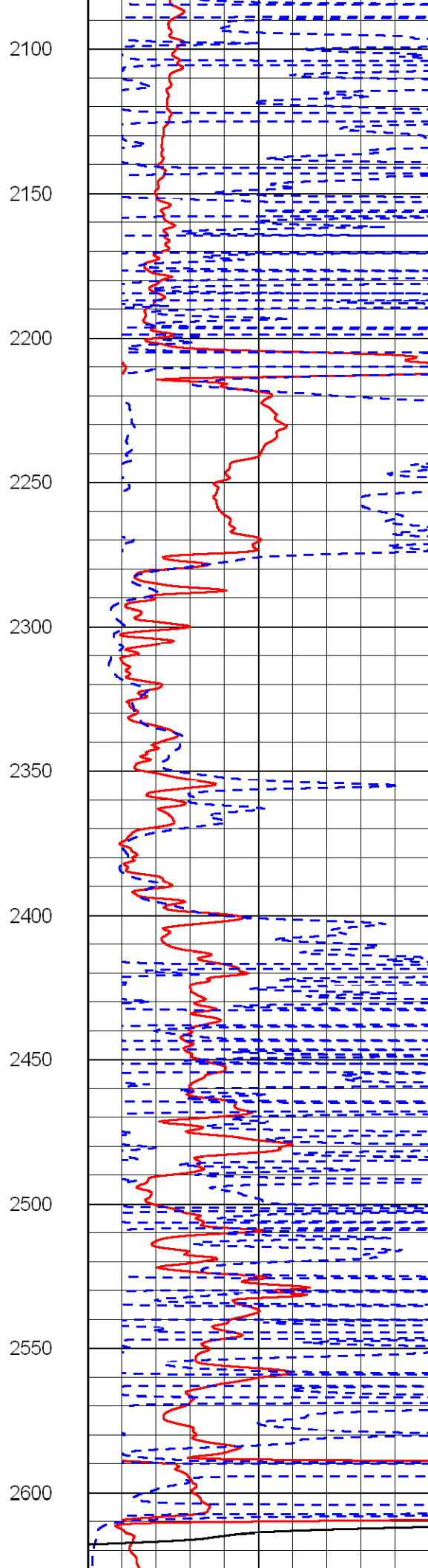
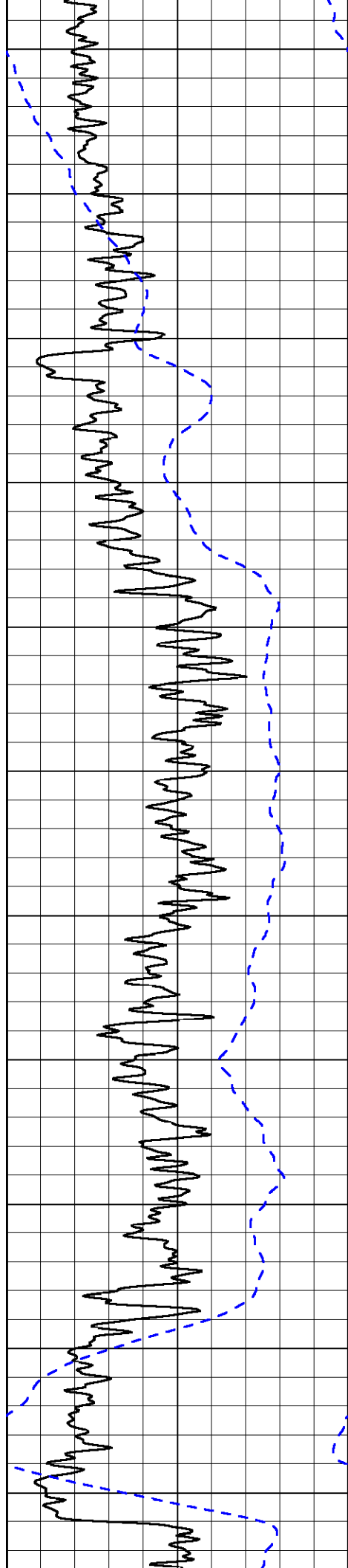


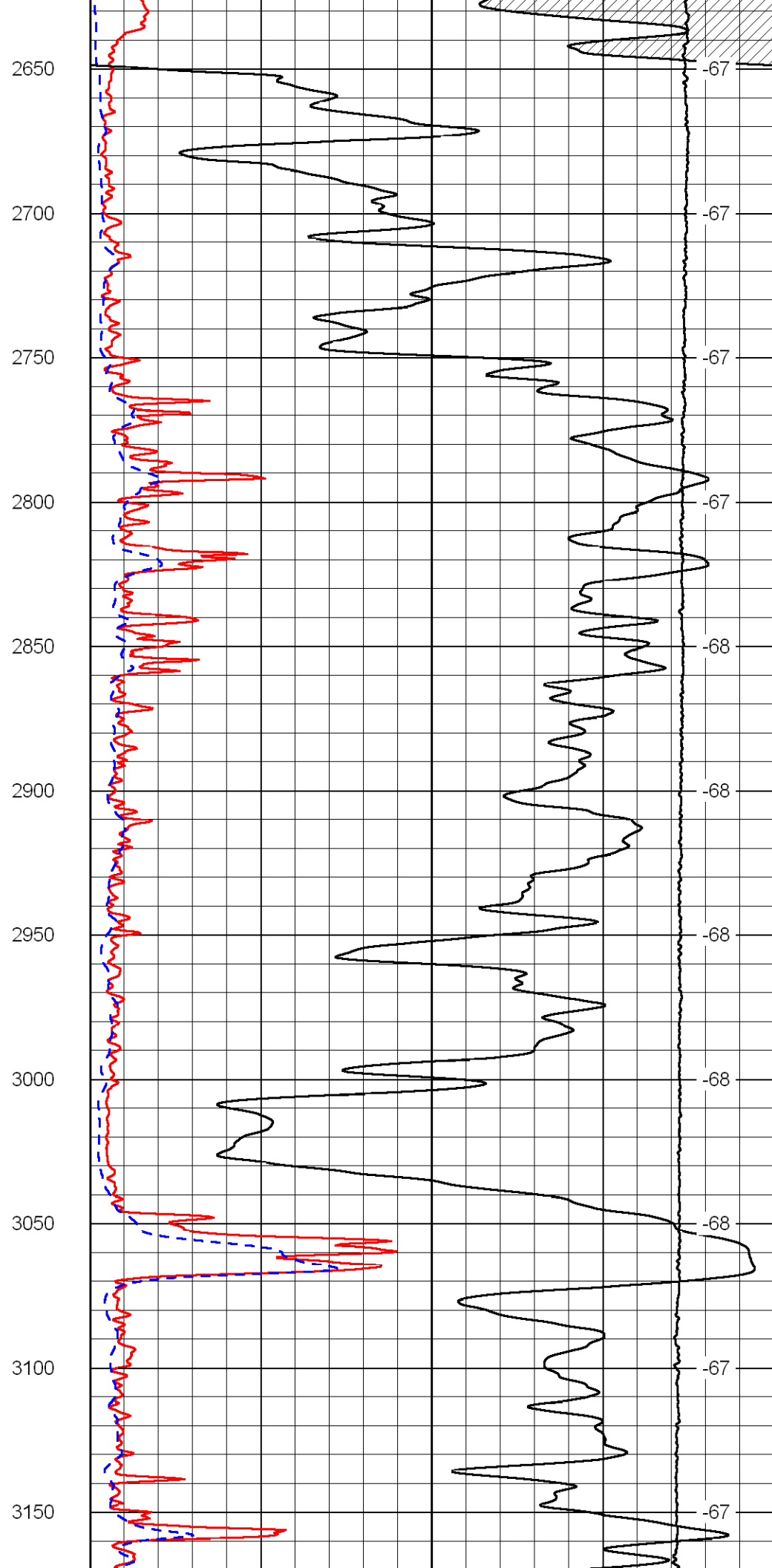
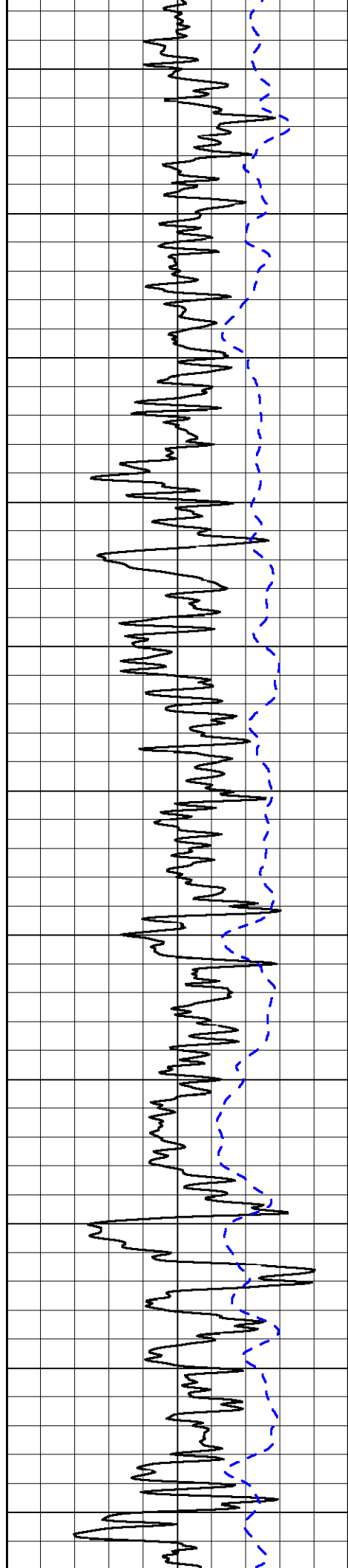


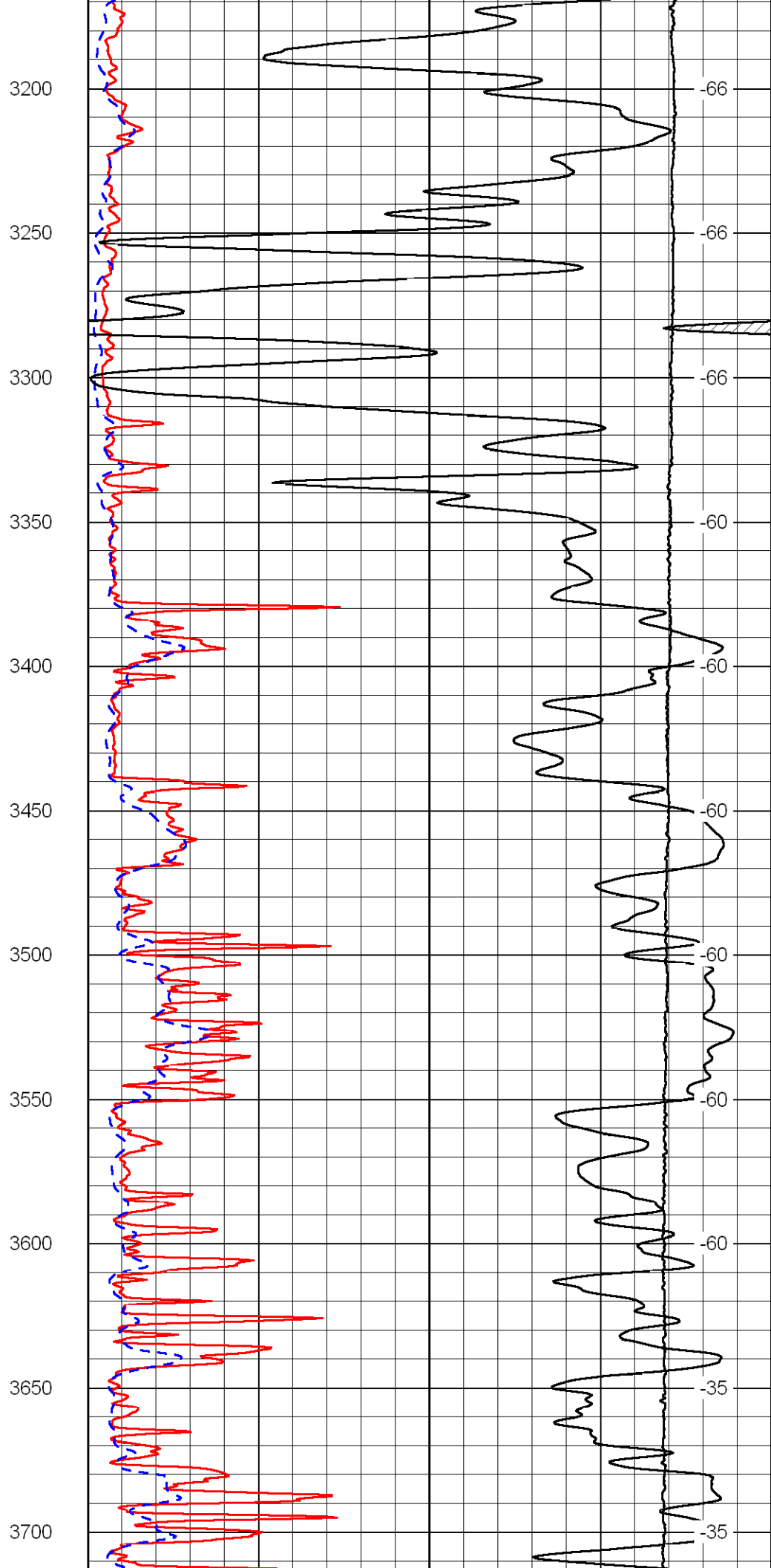
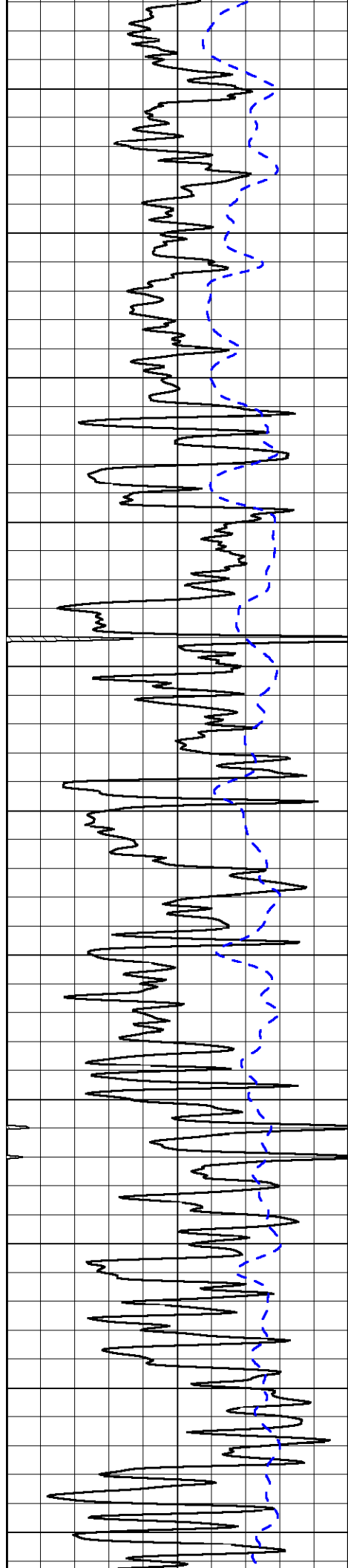
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

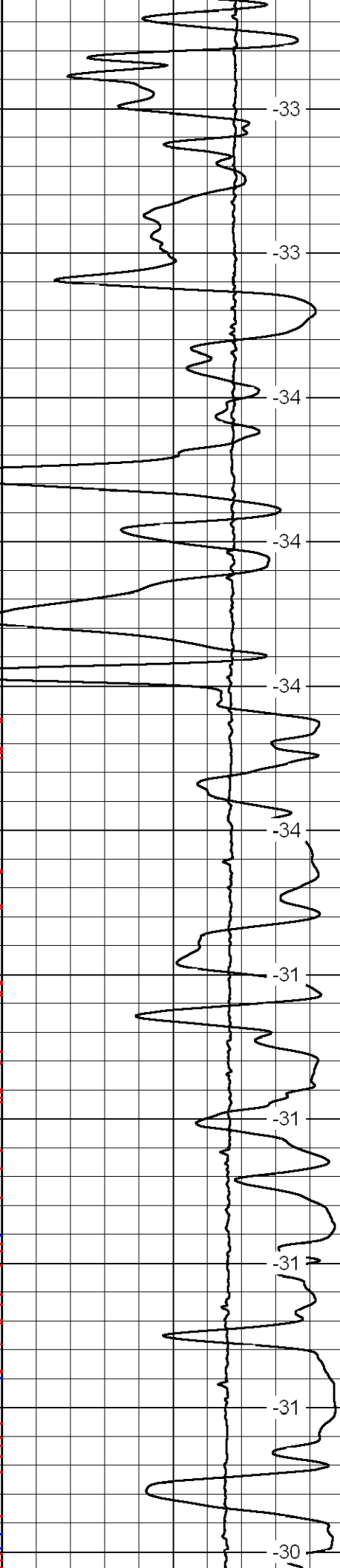
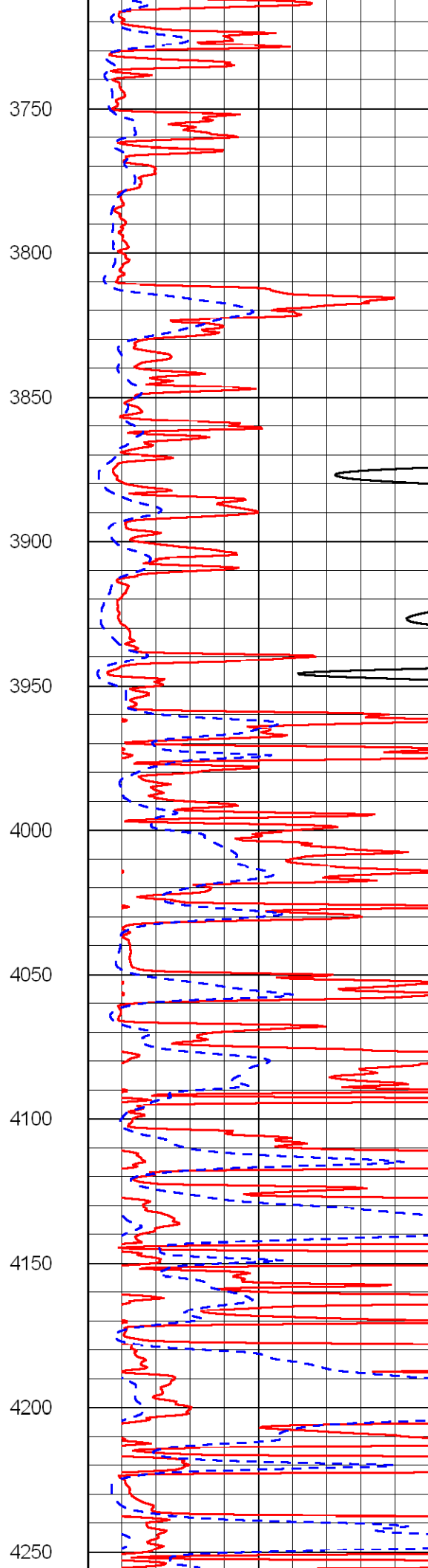
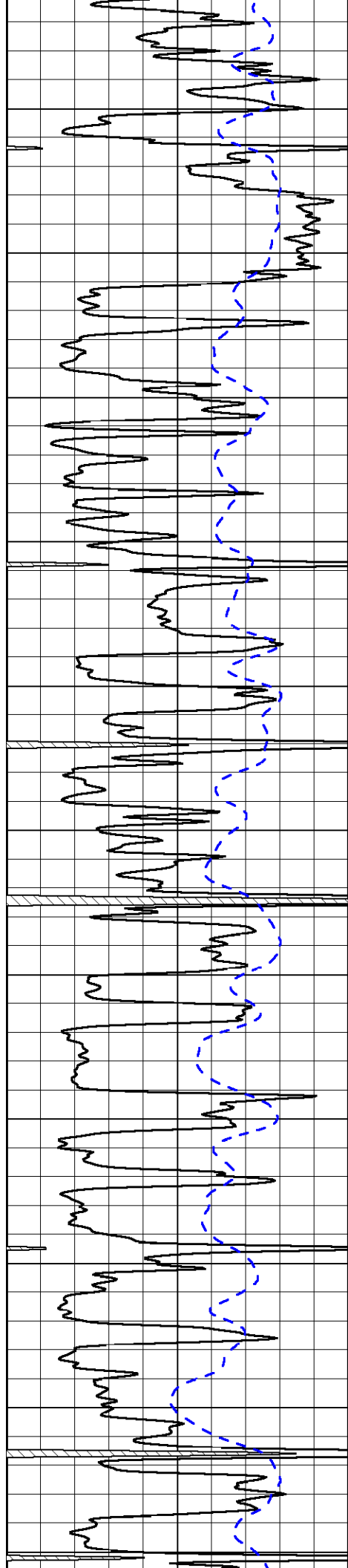


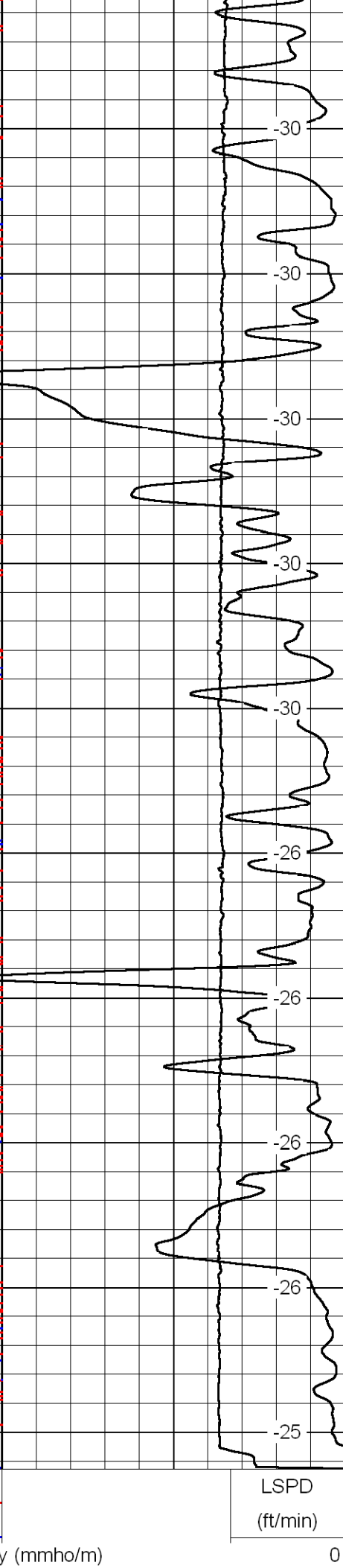
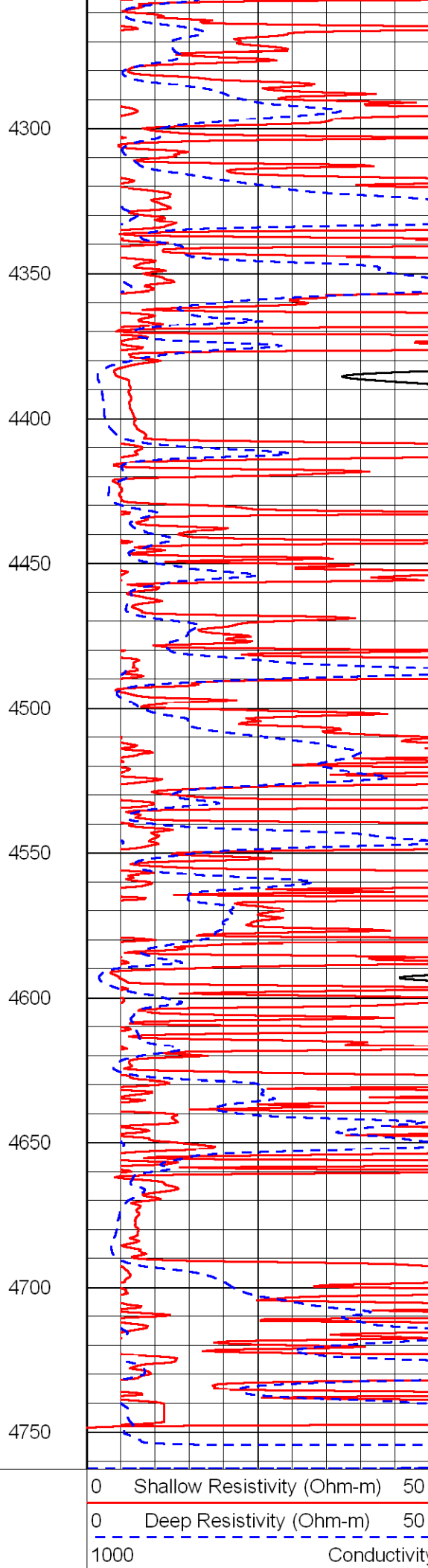
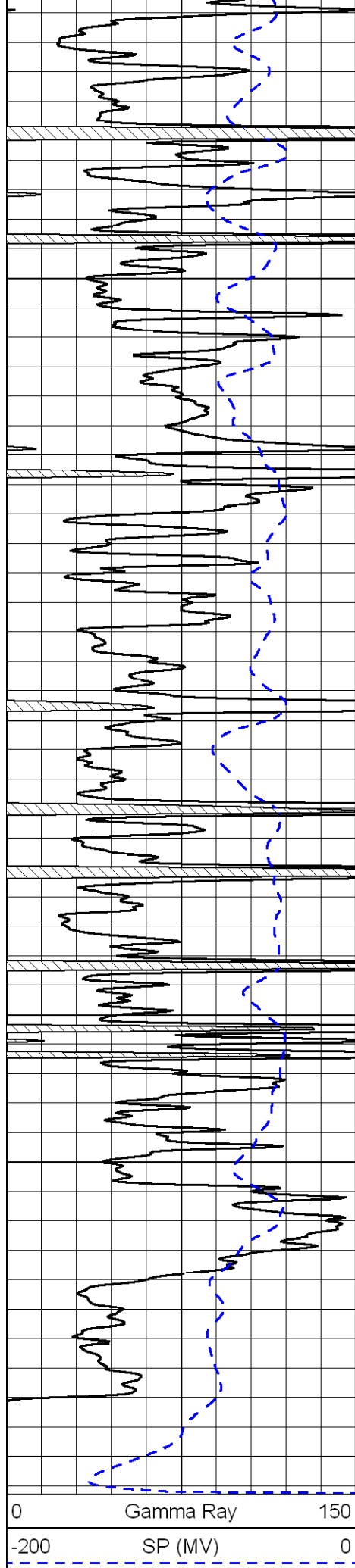






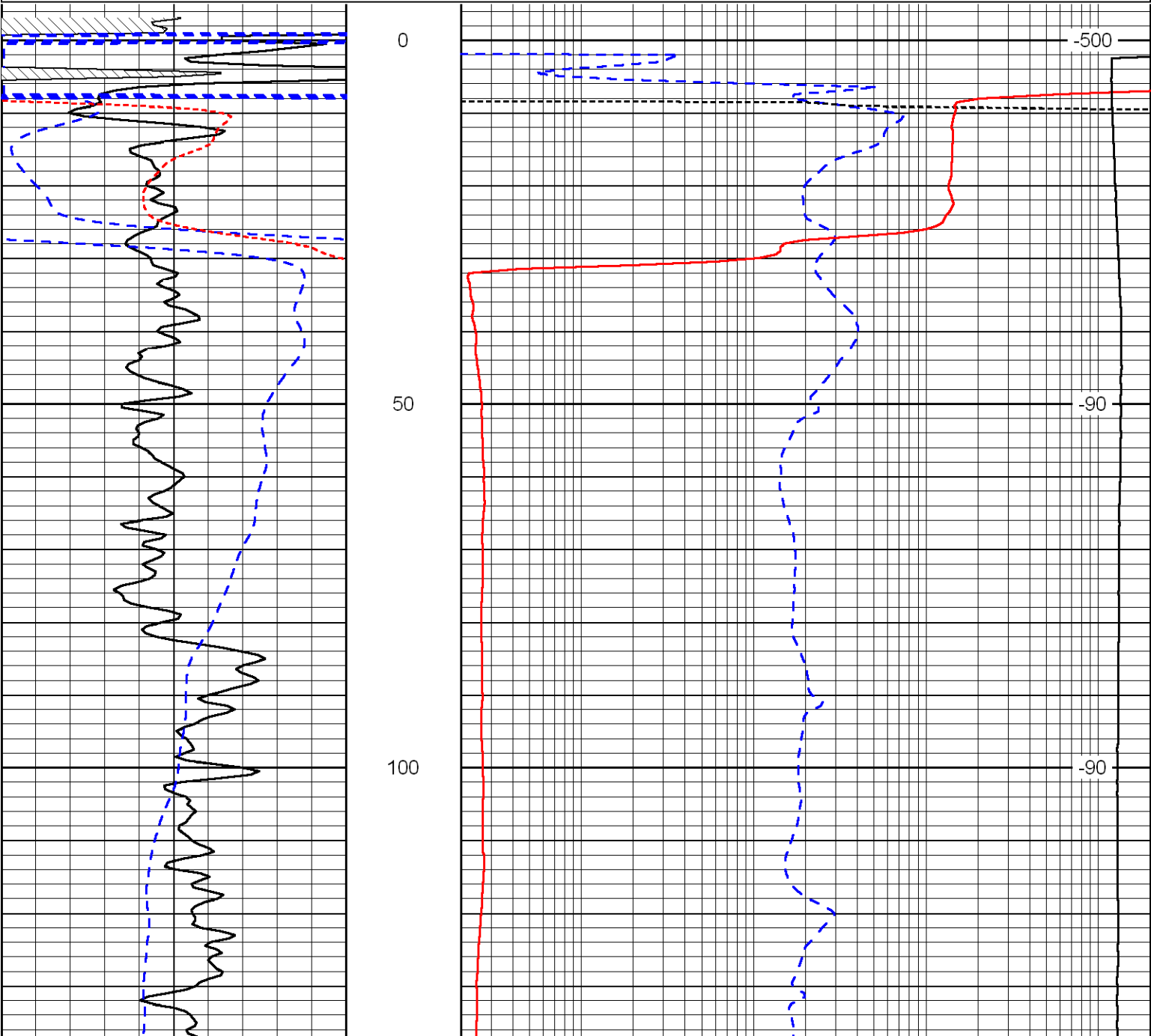


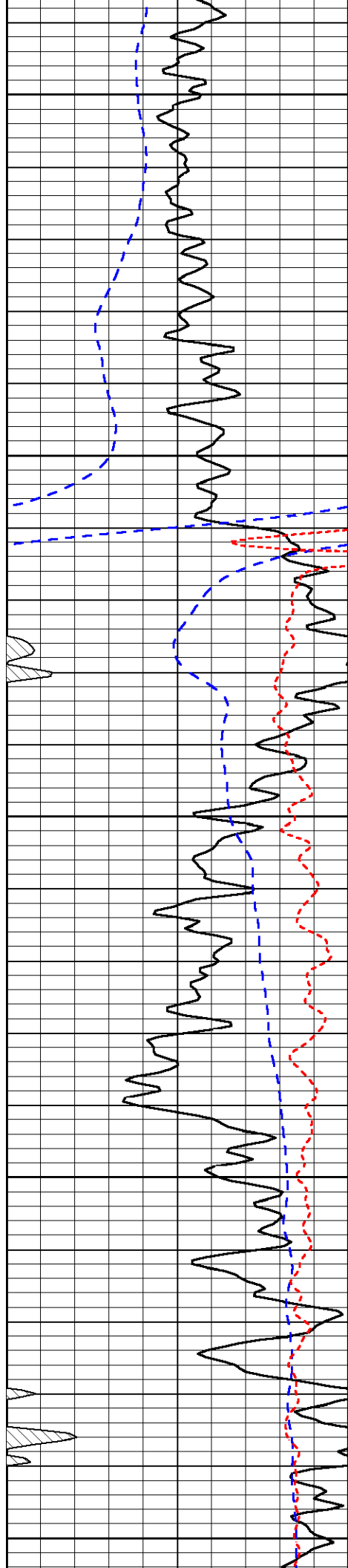




	15000	Line Tension (lb)	0
	Shallow Resistivity		
	50	(Ohm-m)	500
	50	Deep Resistivity (Ohm-m)	500

Database File: c:\warrior\data\murfin_gary no. 2-25\murfinhd.db			
Dataset Pathname: dil/stack			
Presentation Format: dil			
Dataset Creation: Mon Feb 08 05:28:13 2010			
Charted by: Depth in Feet scaled 1:240			
0	Gamma Ray	150	
-200	SP (MV)	0	
-160	Rxo / Rt	40	
			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)





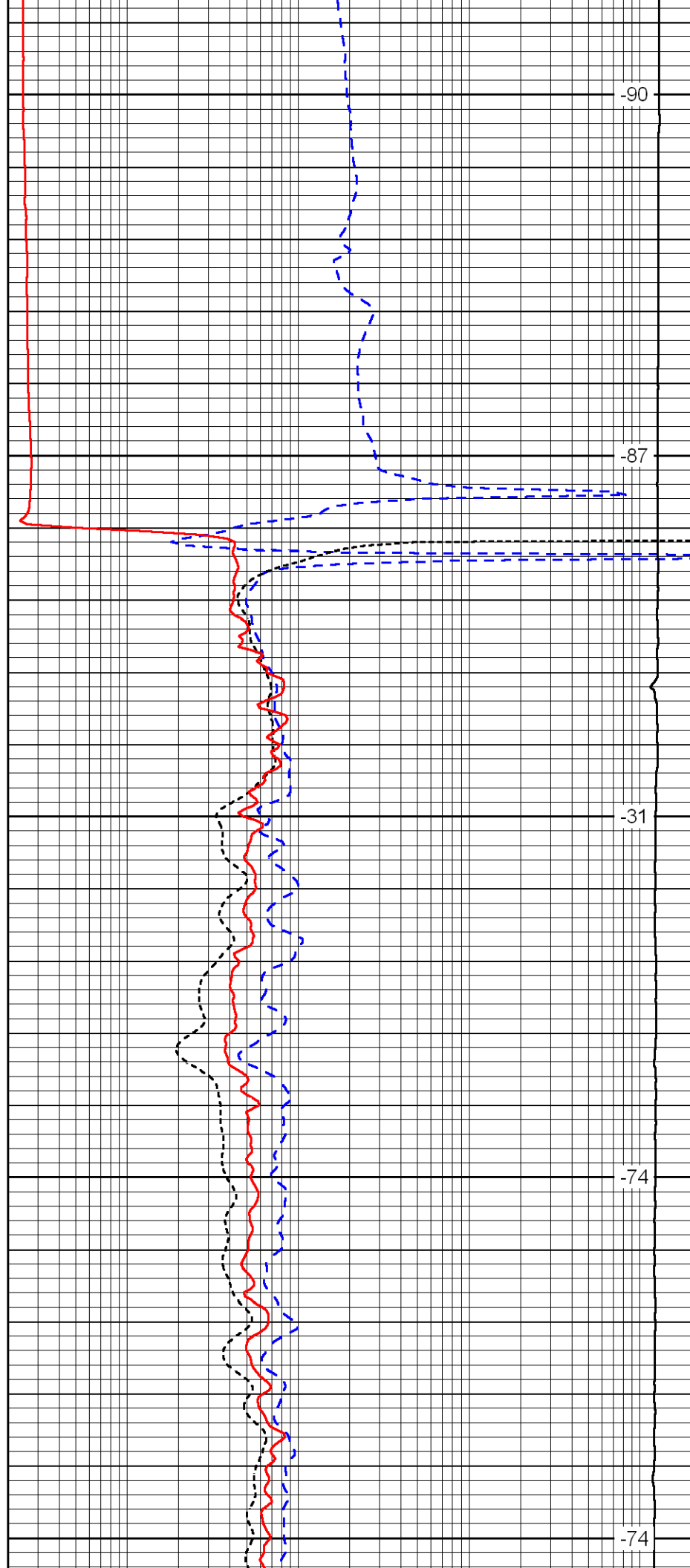
150

200

250

300

350



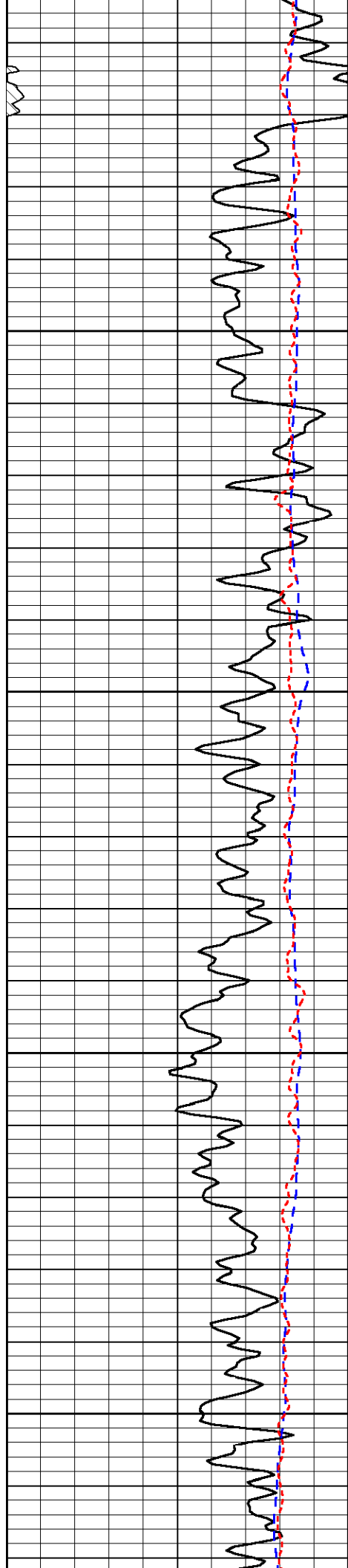
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-87

-31

-74

-74

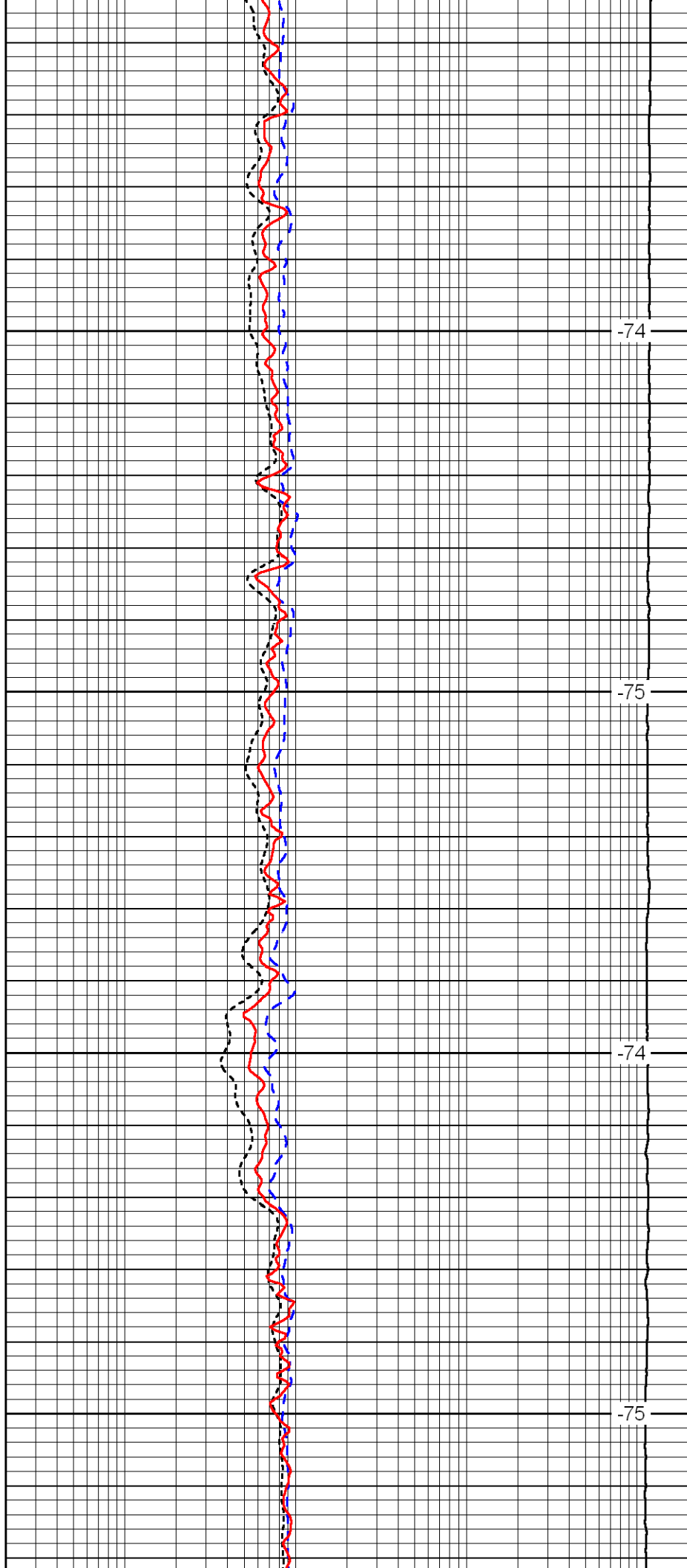


400

450

500

550

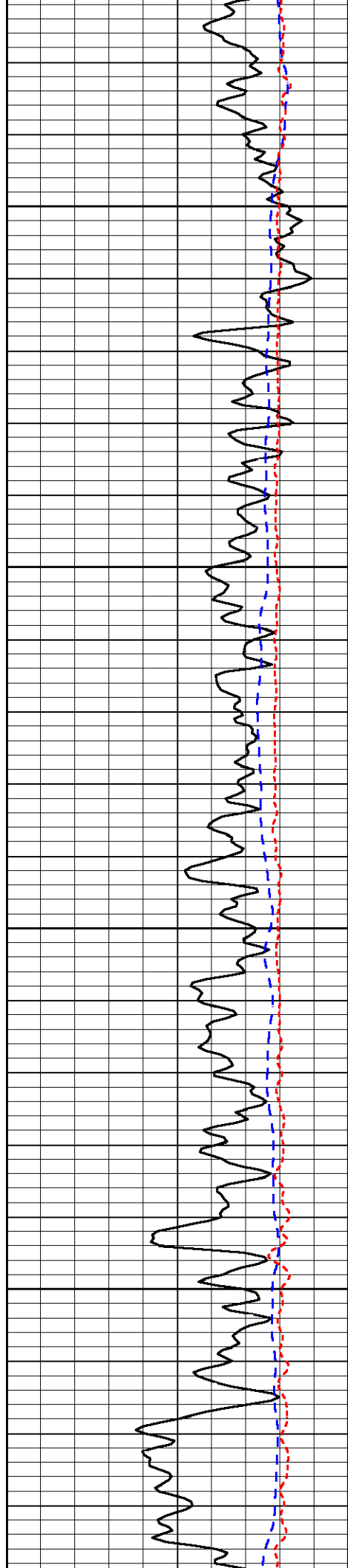


74

75

74

75

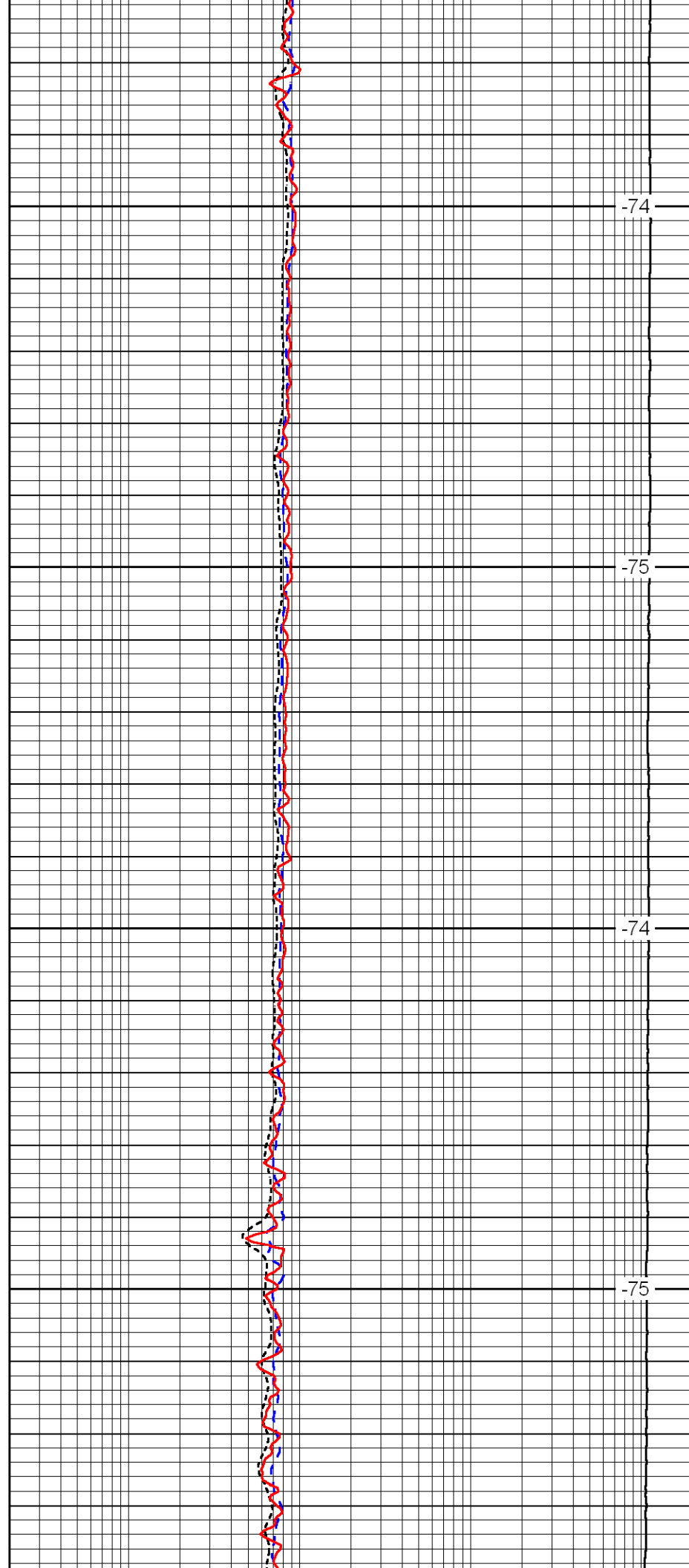


600

650

700

750

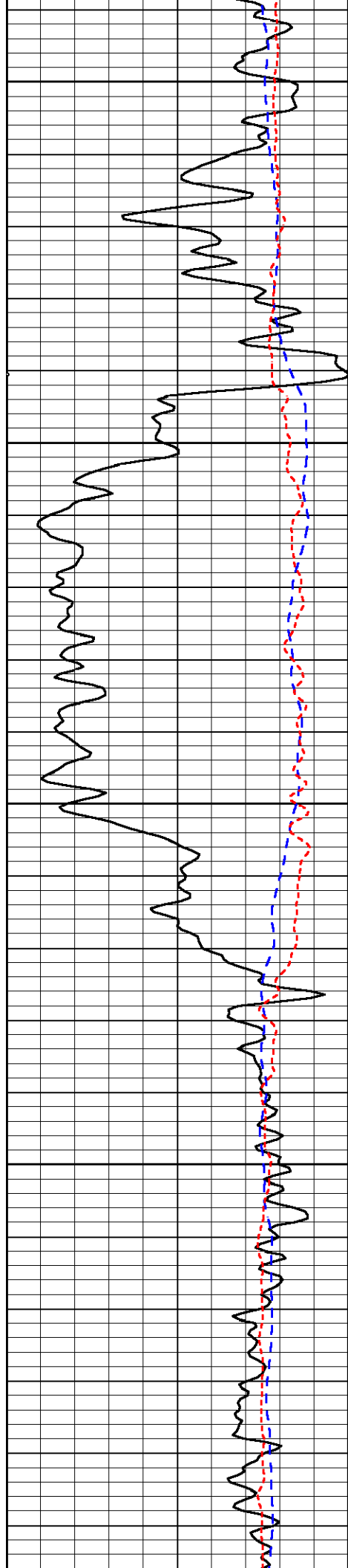


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-75

-74

-75



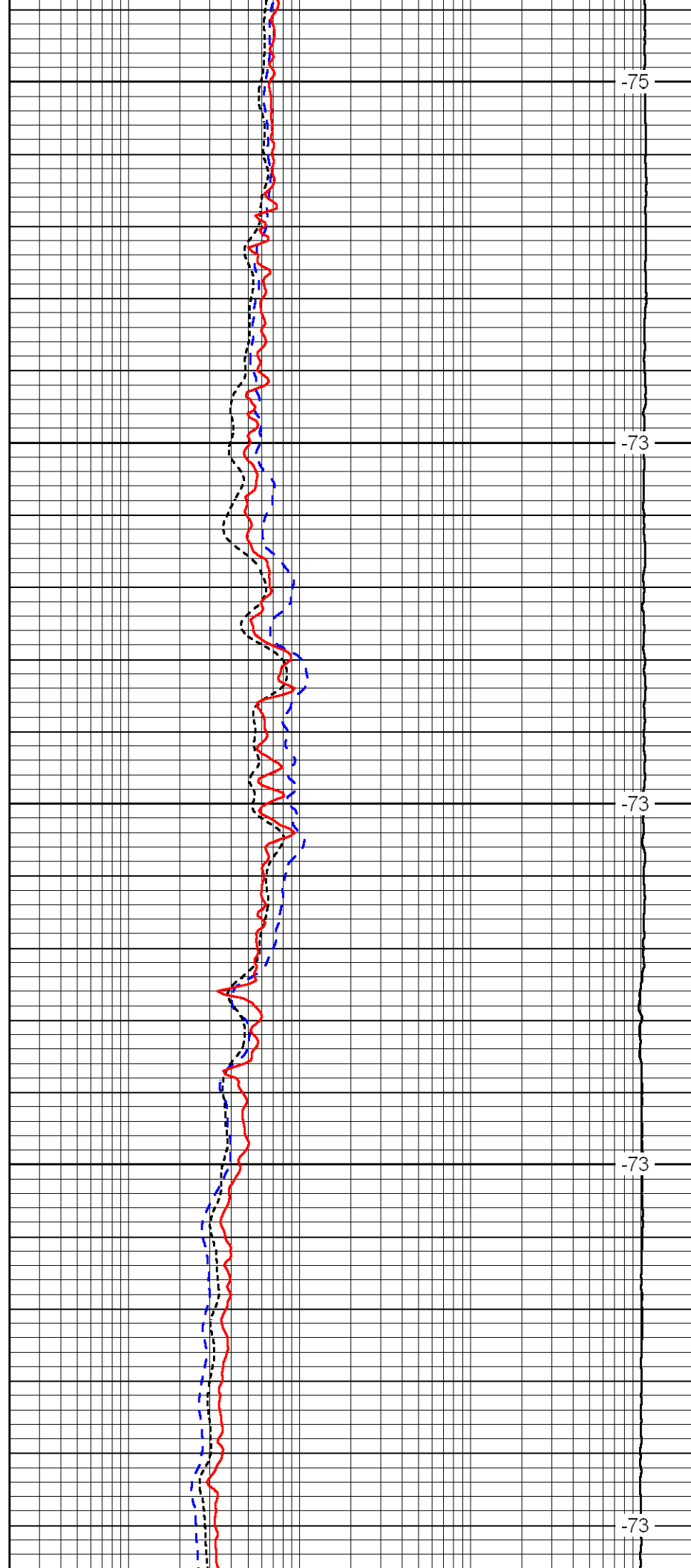
800

850

900

950

1000



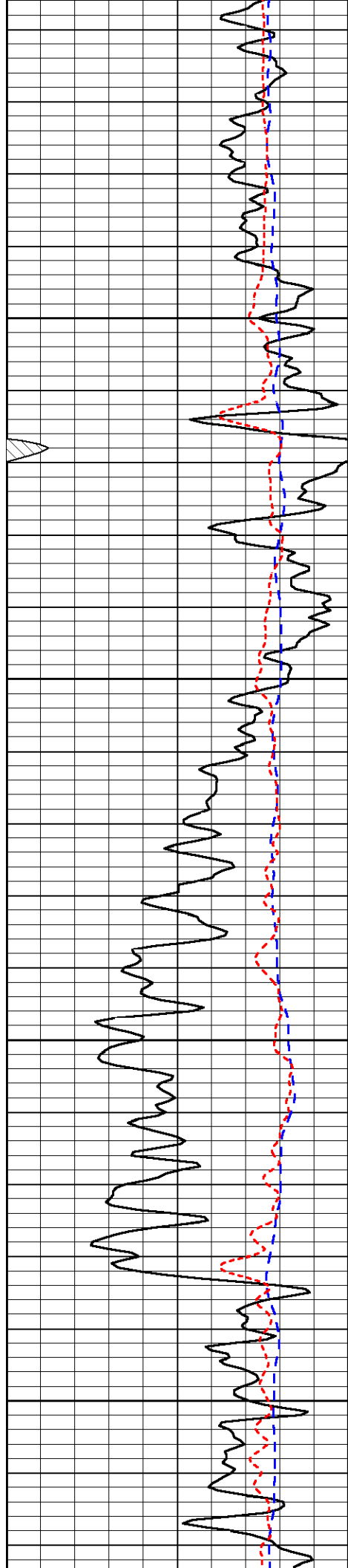
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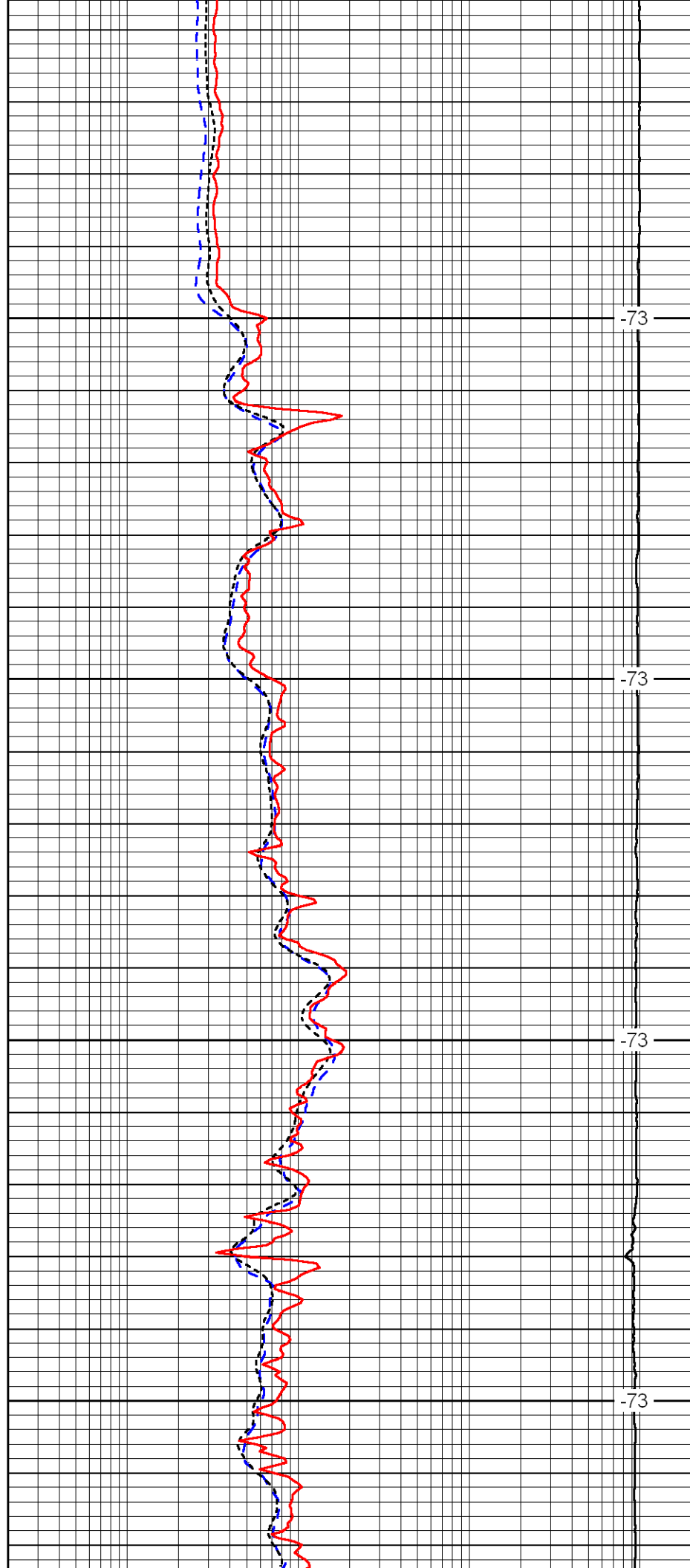


1050

1100

1150

1200

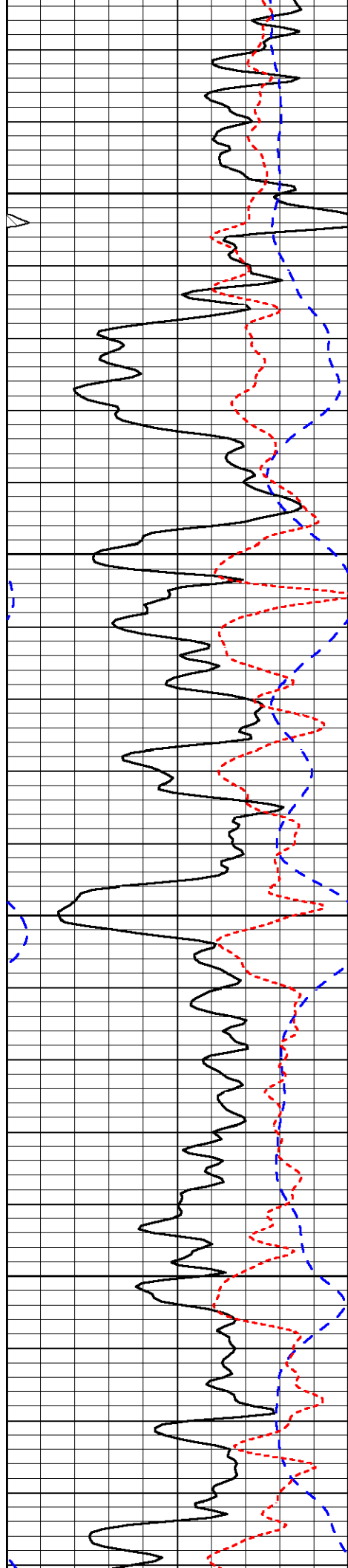


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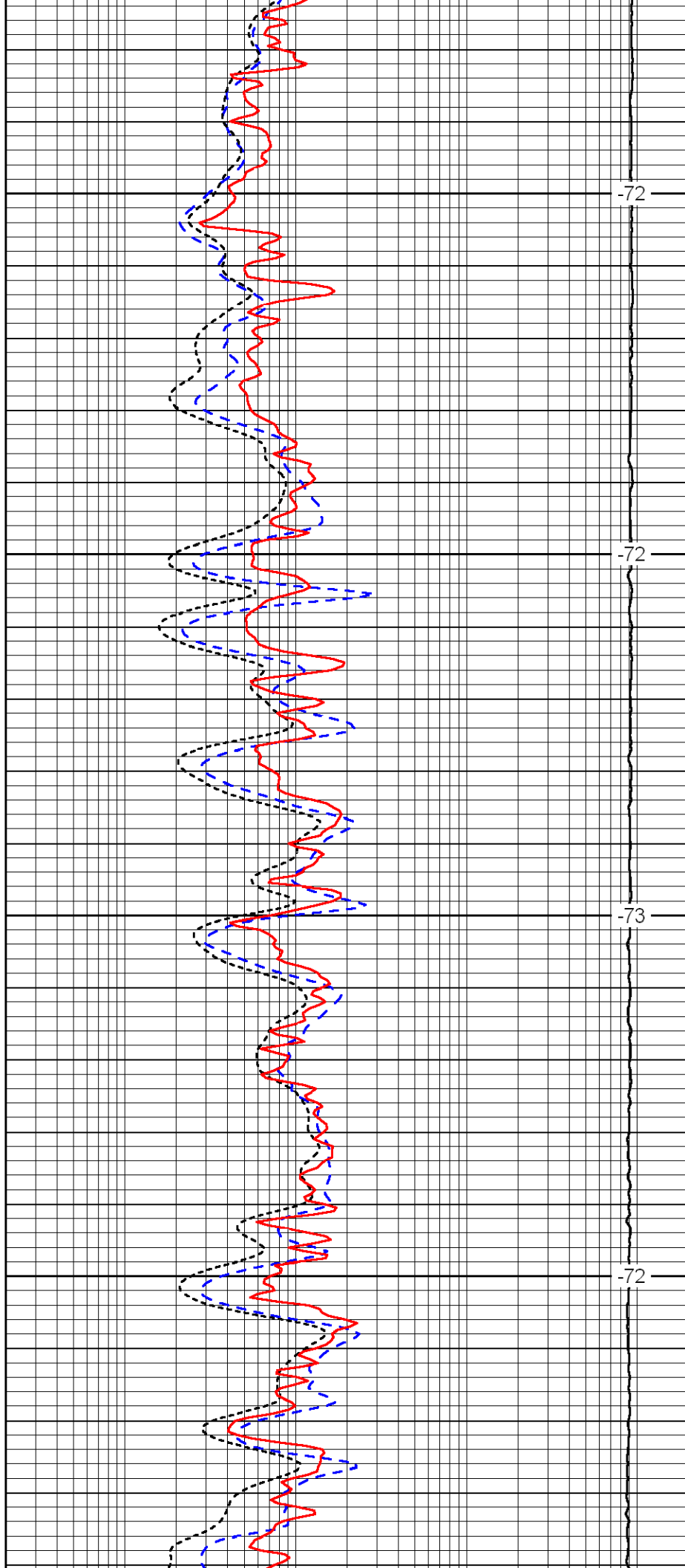


1250

1300

1350

1400

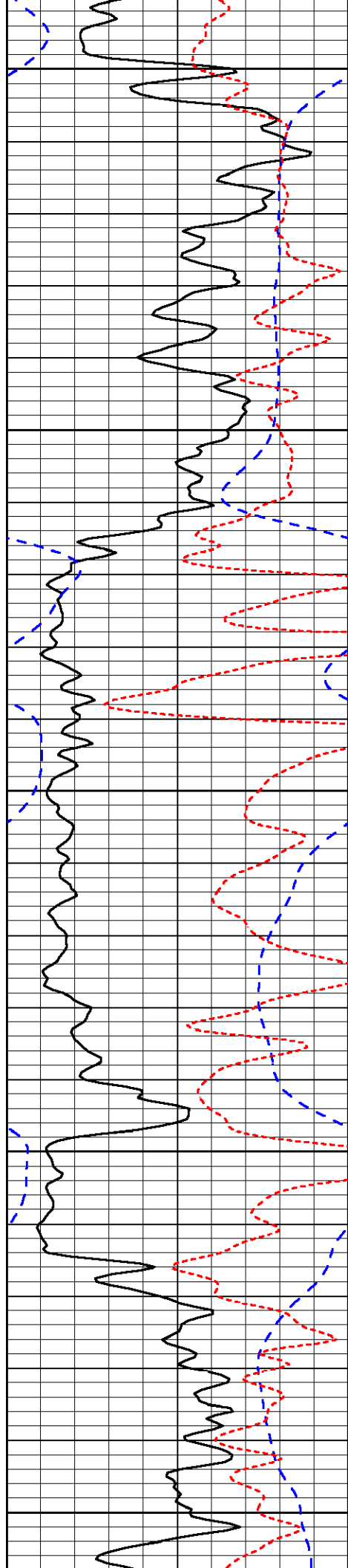


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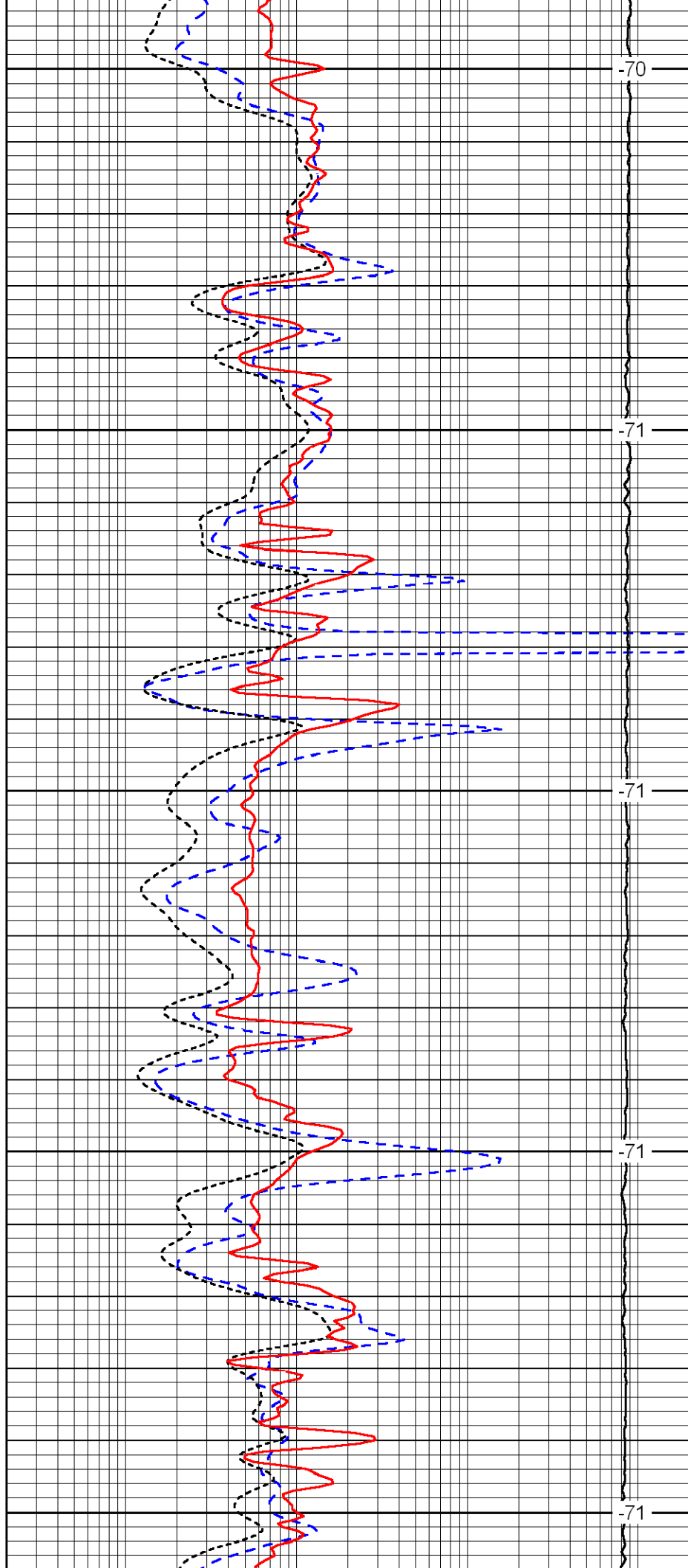
1450

1500

1550

1600

1650



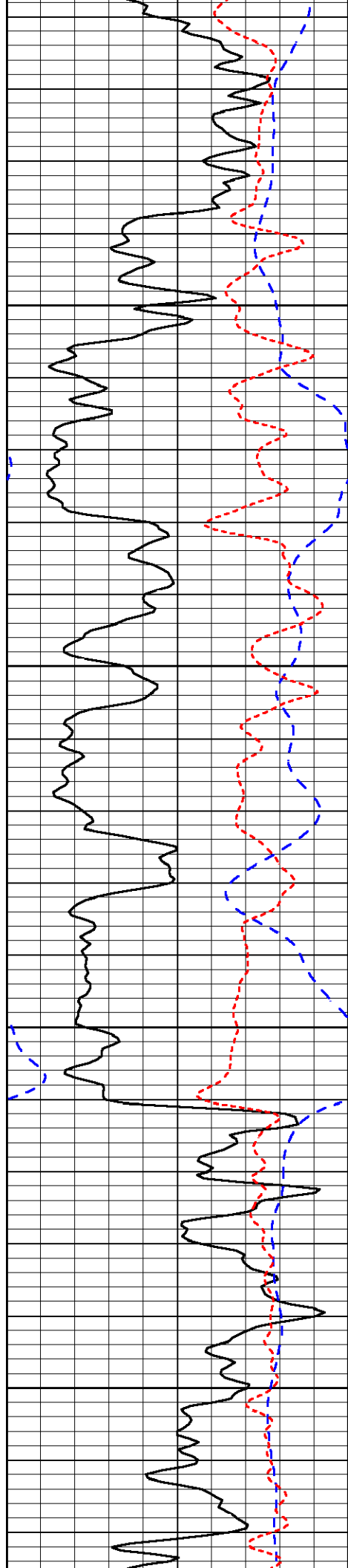
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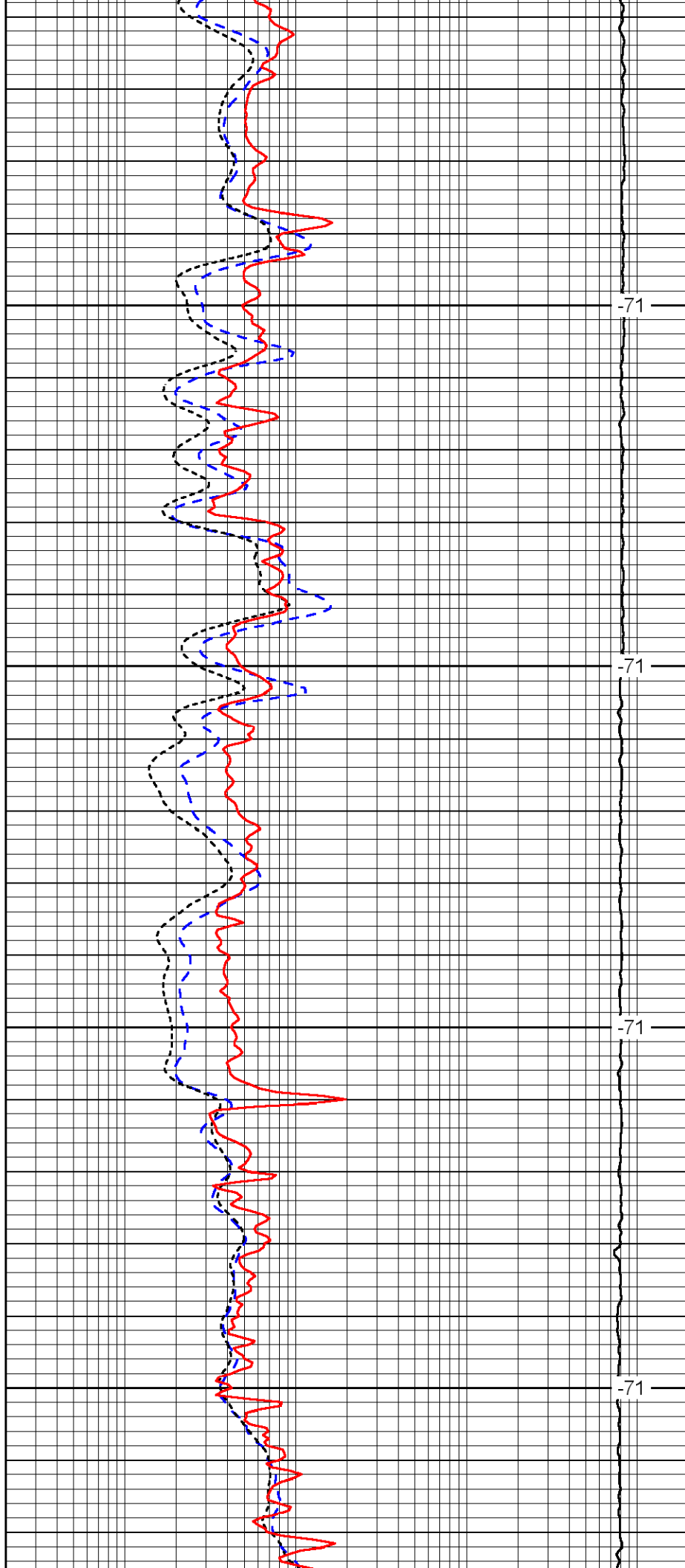


1700

1750

1800

1850

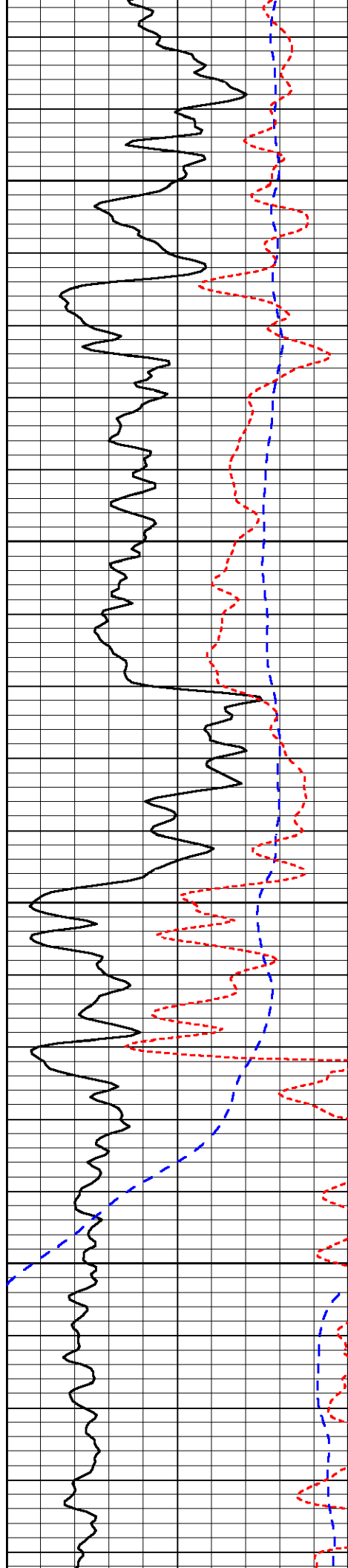


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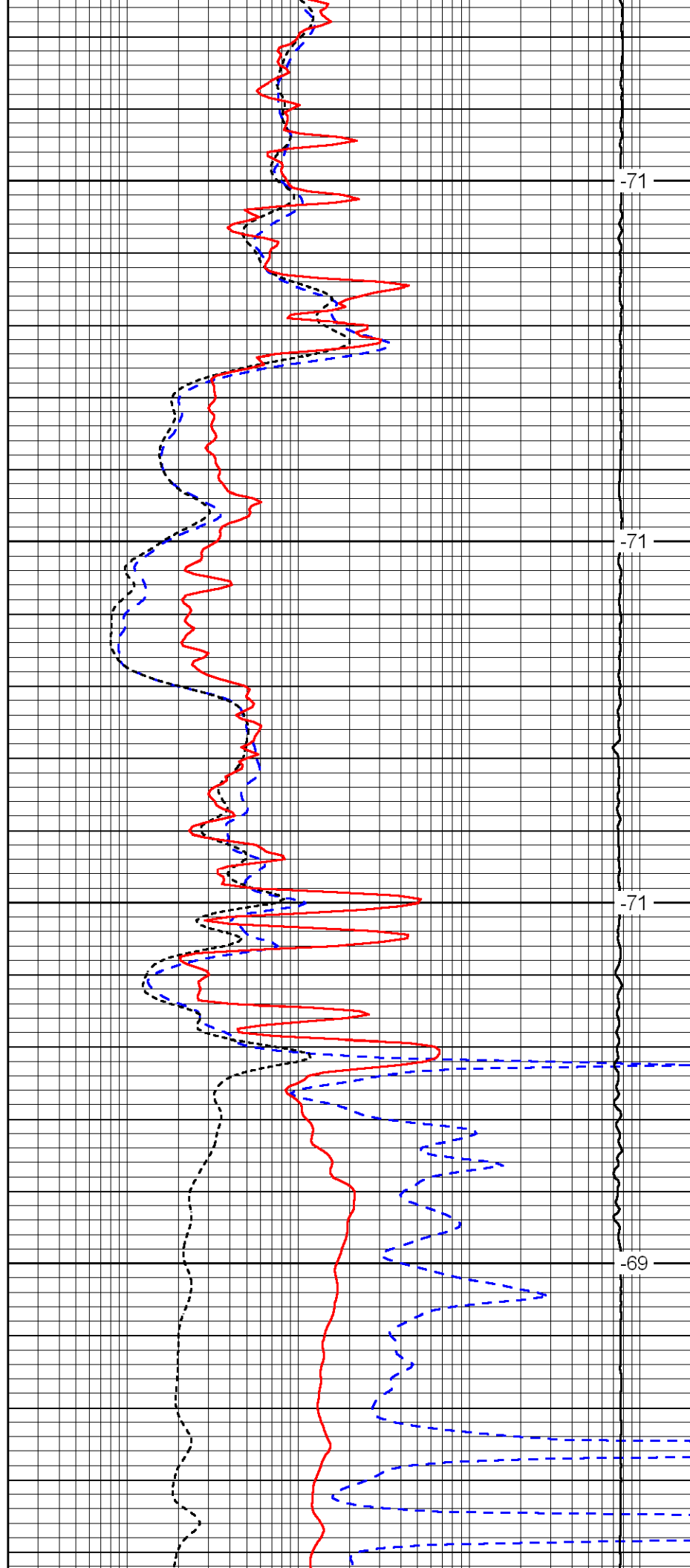


1900

1950

2000

2050

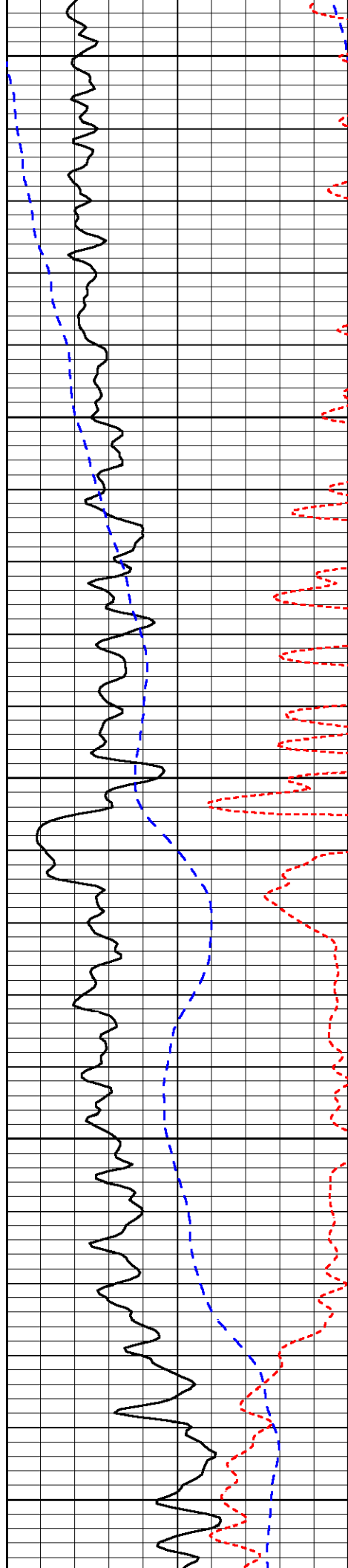


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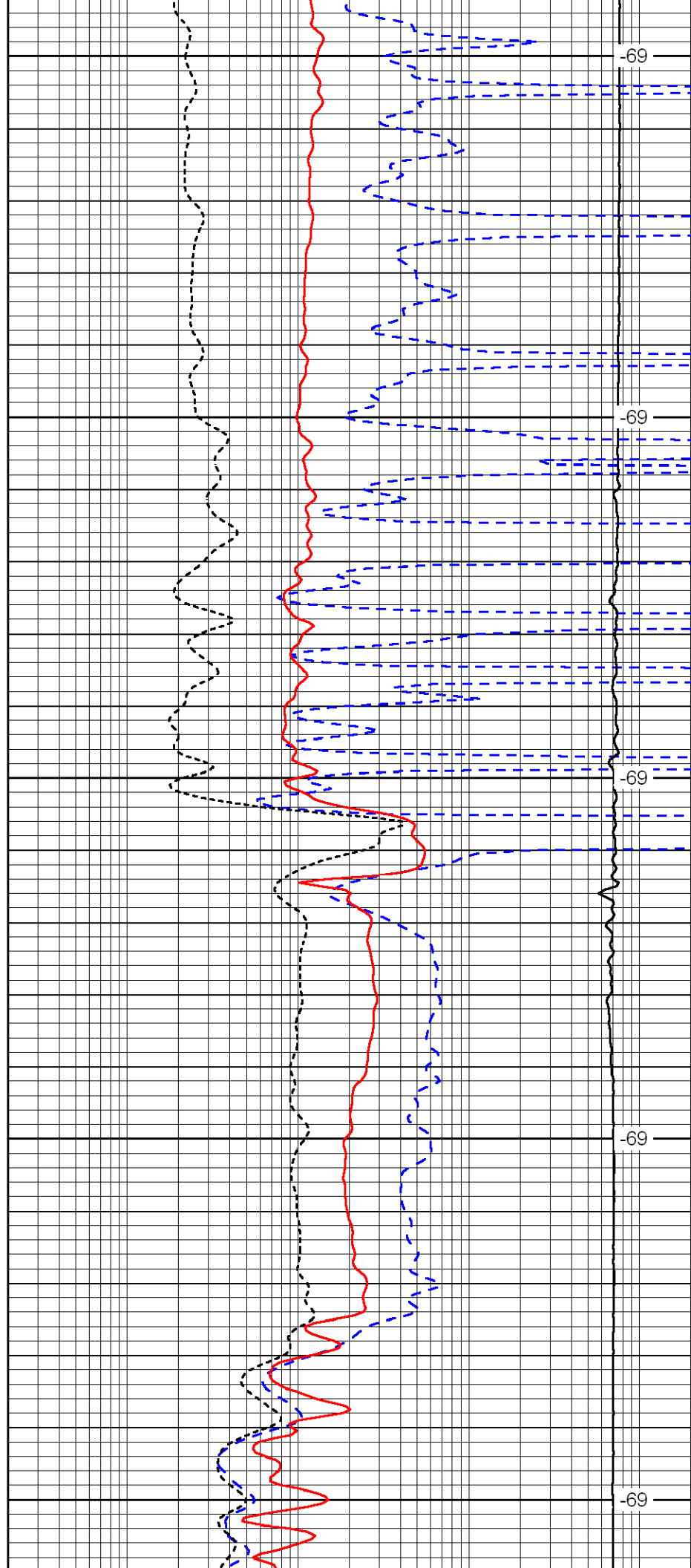
2100

2150

2200

2250

2300



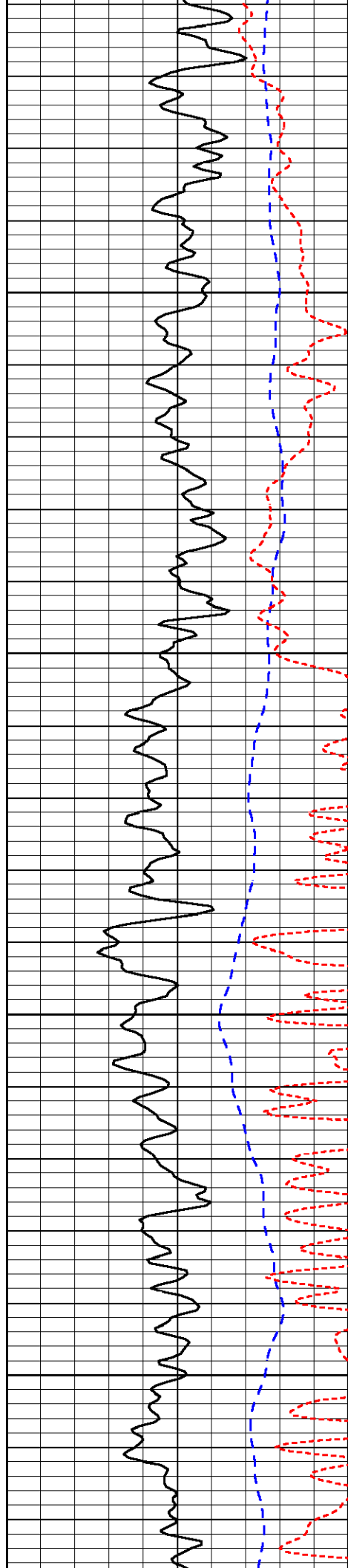
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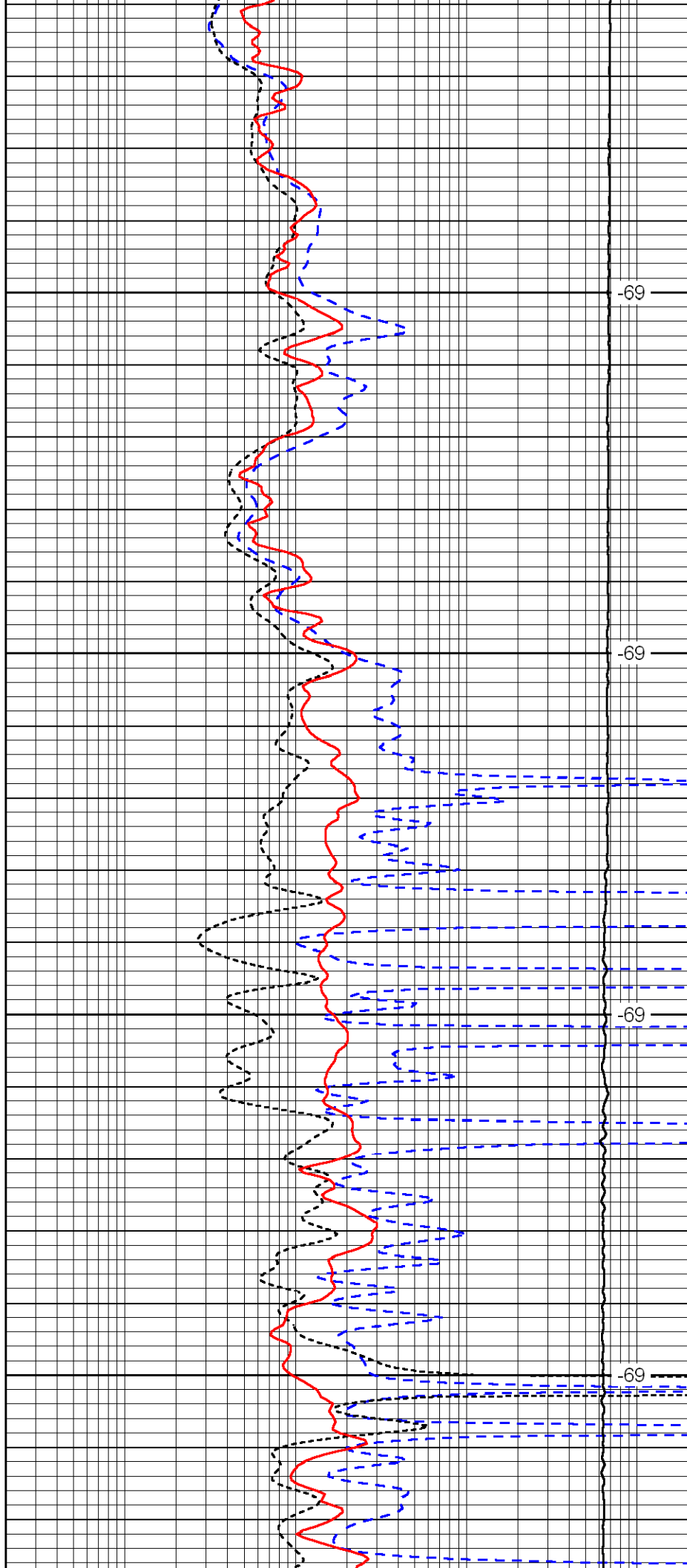


2350

2400

2450

2500

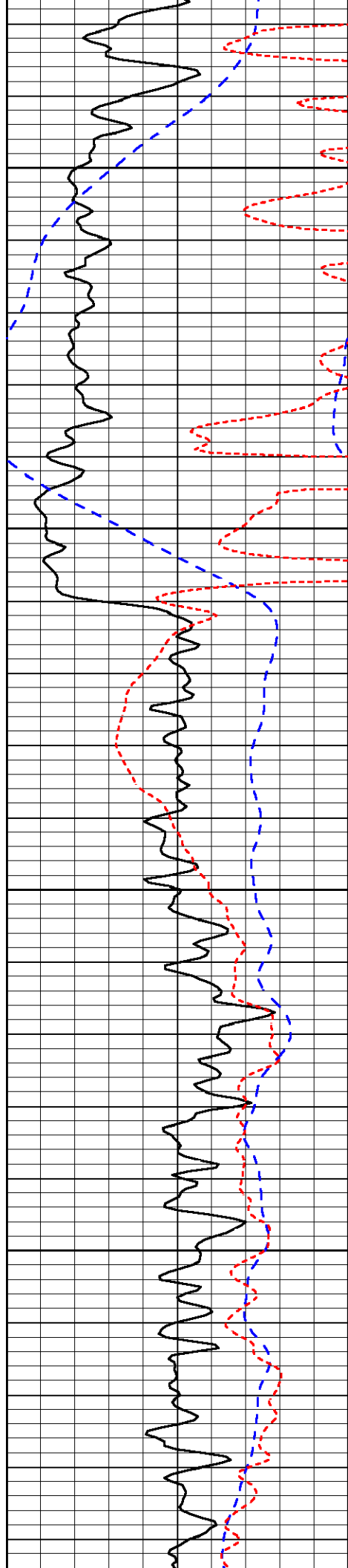


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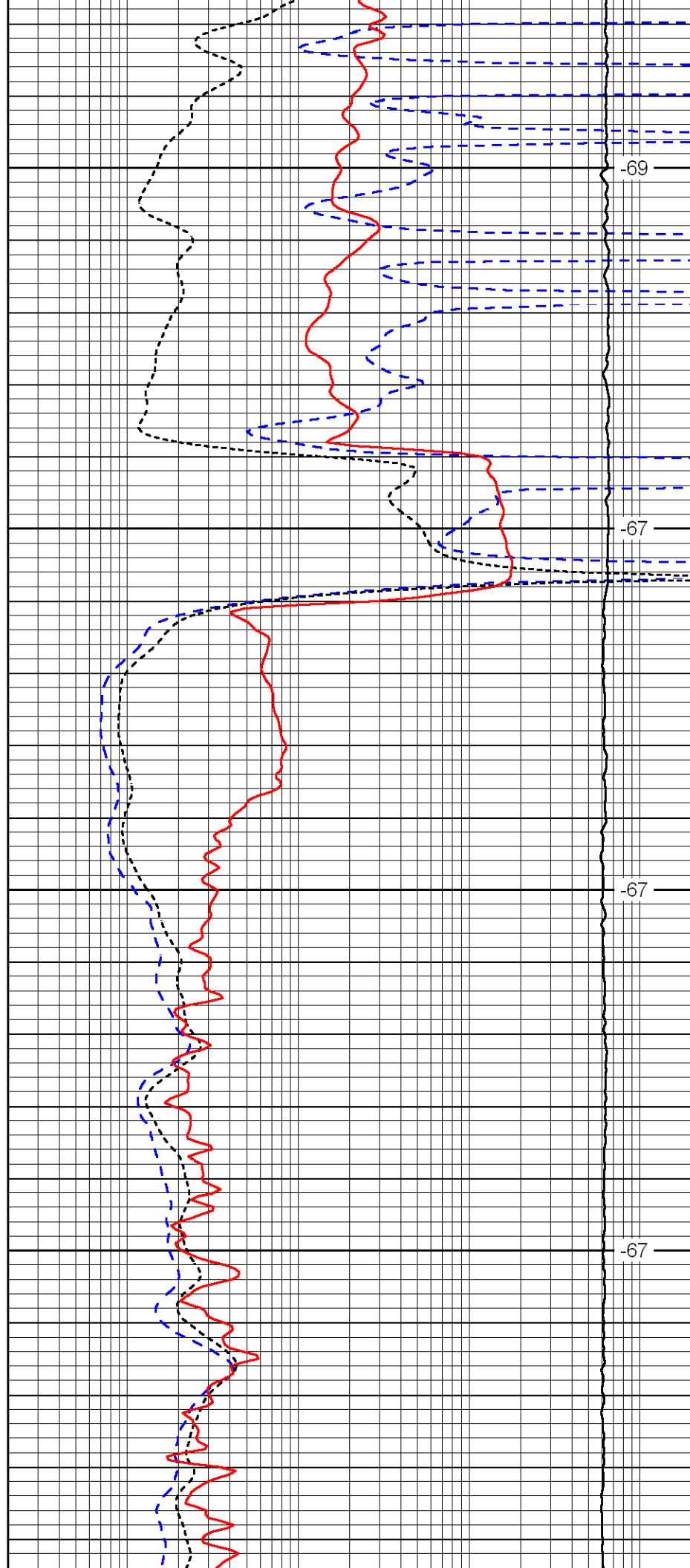


2550

2600

2650

2700

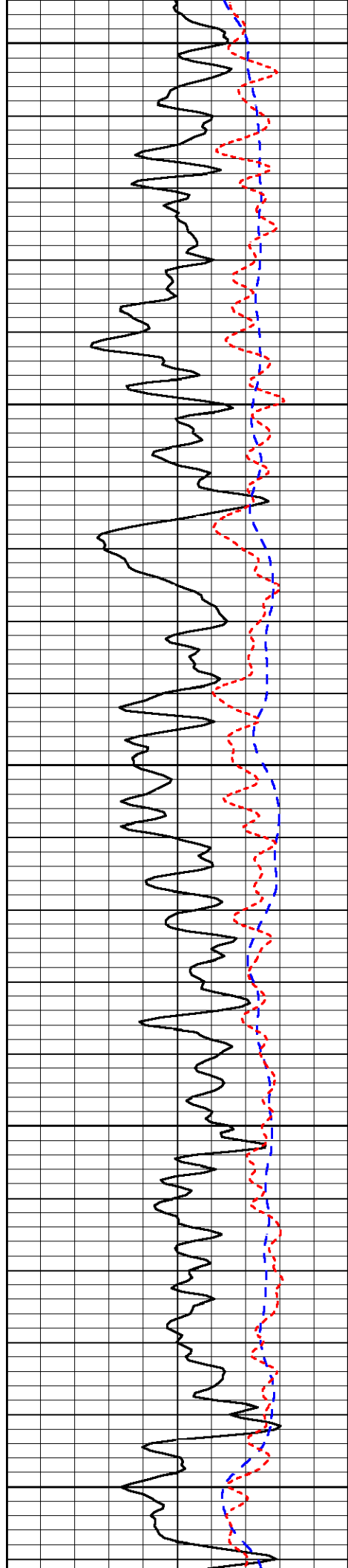


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-67



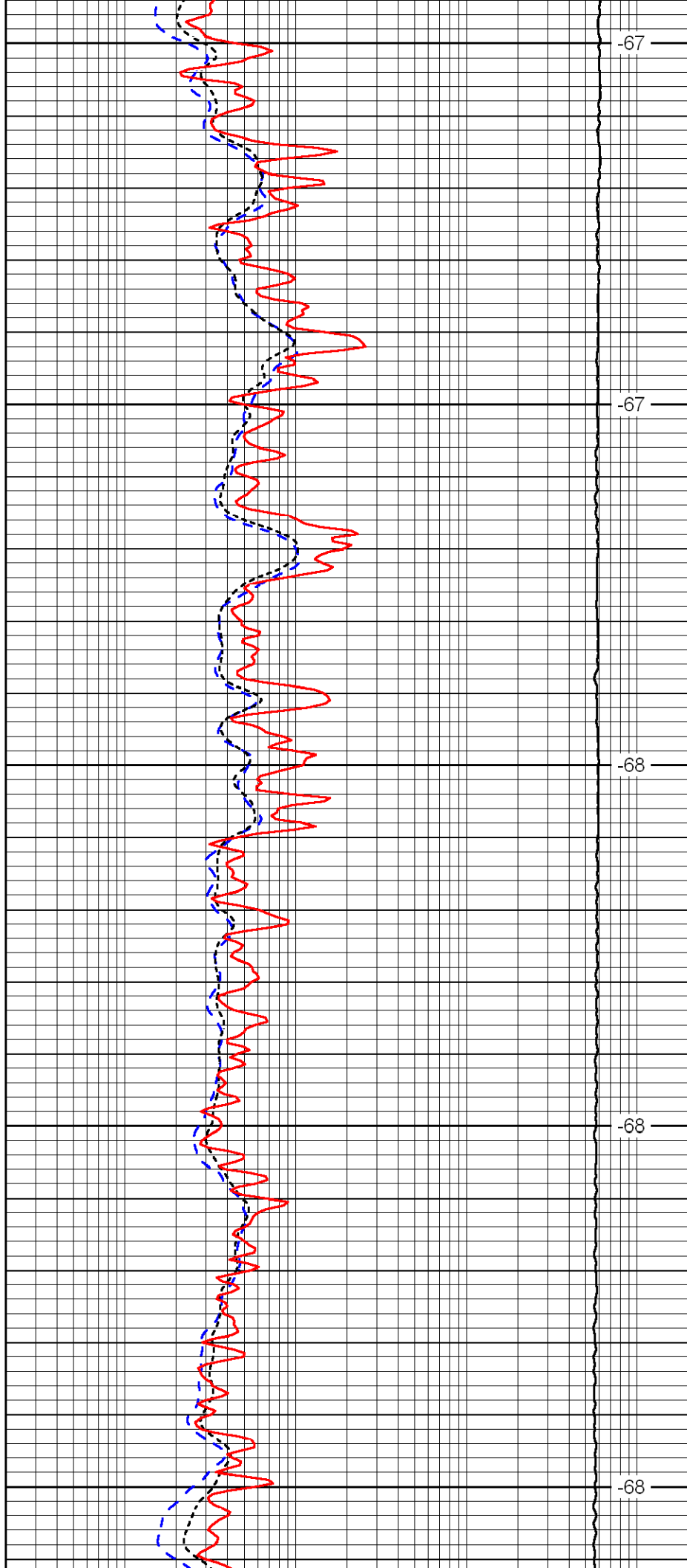
2750

2800

2850

2900

2950



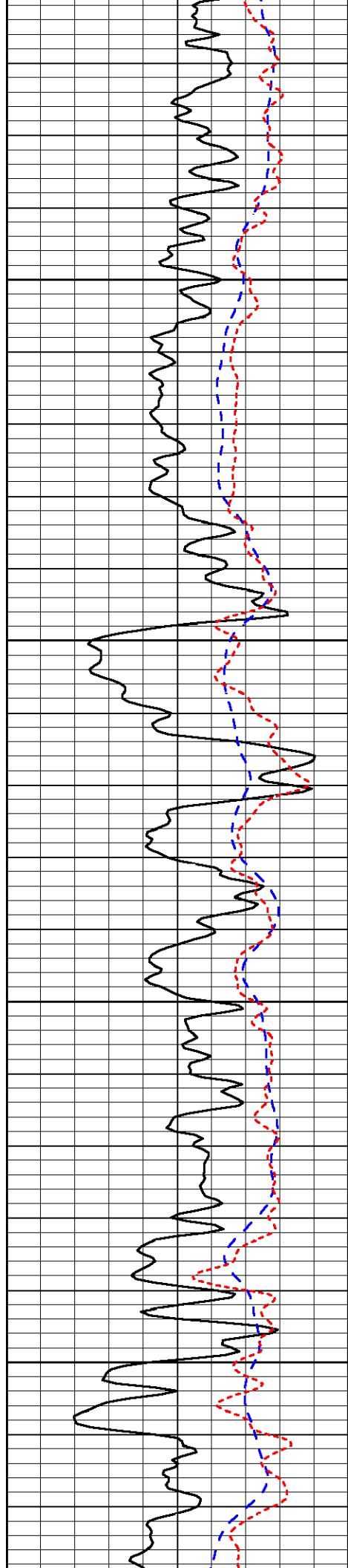
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-67

-68

-68

-68

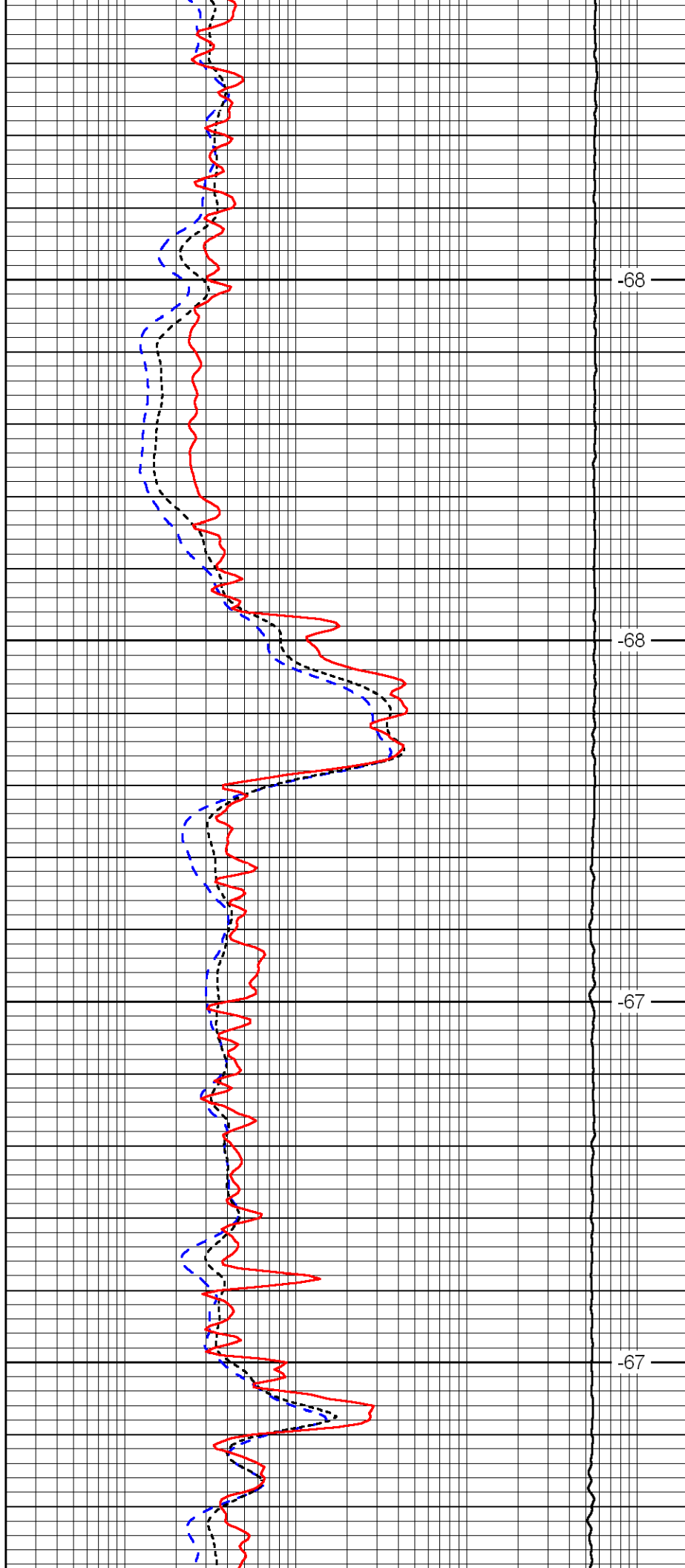


3000

3050

3100

3150

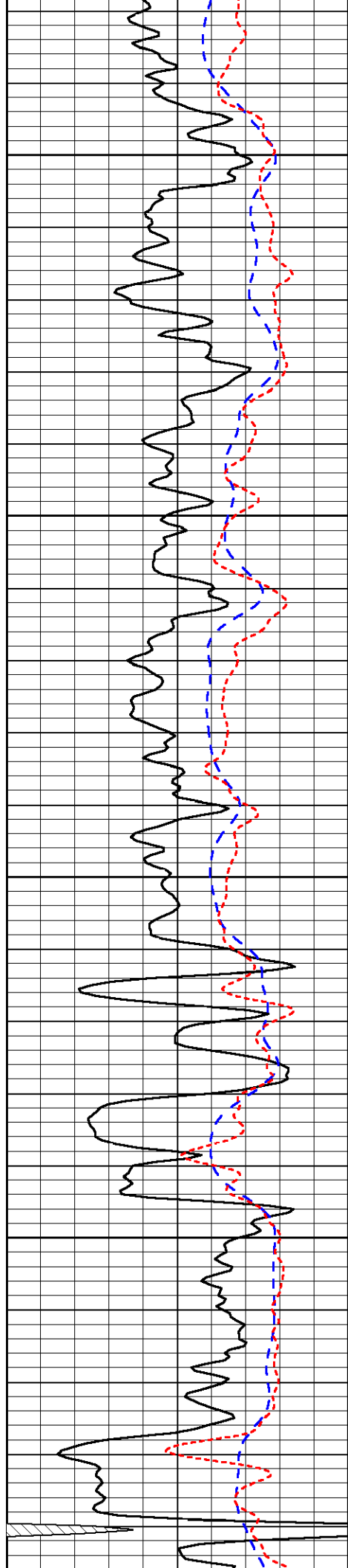


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-68

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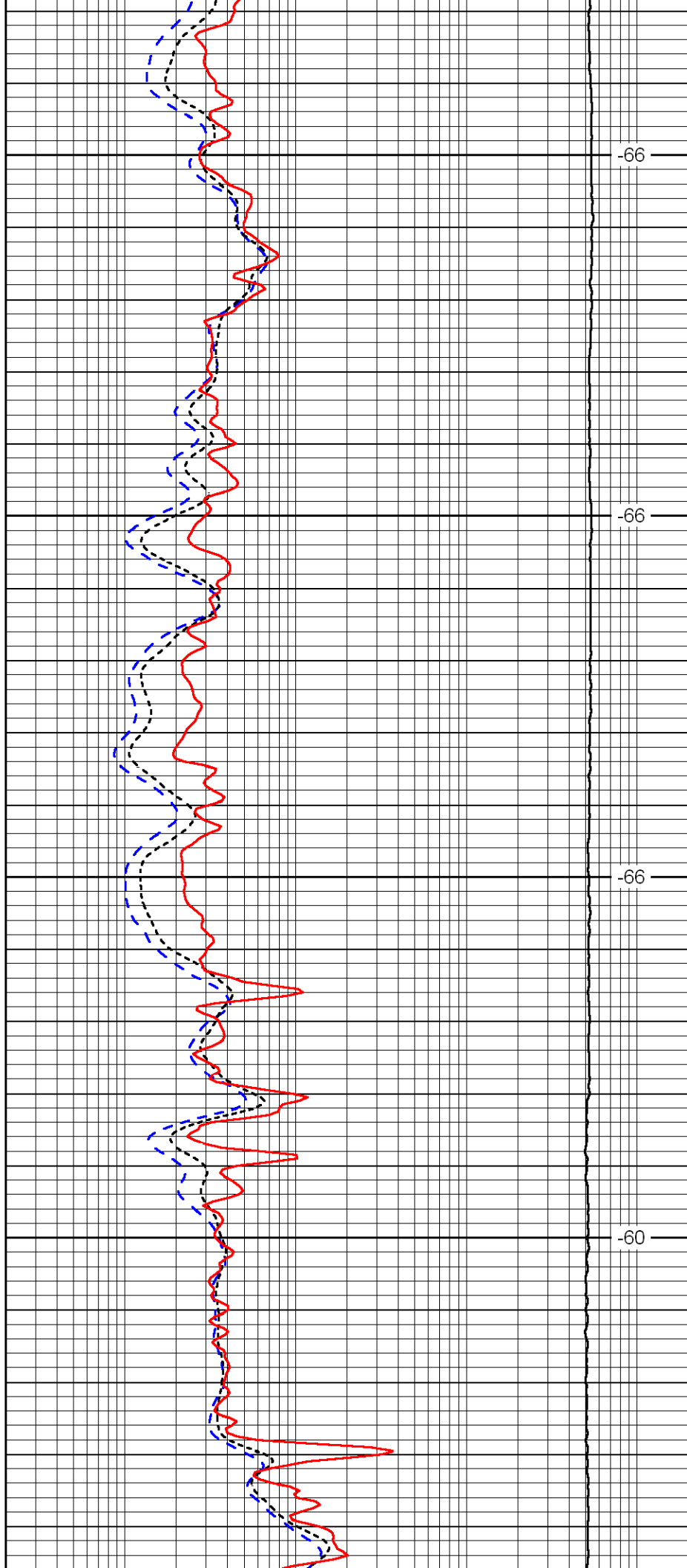


3200

3250

3300

3350

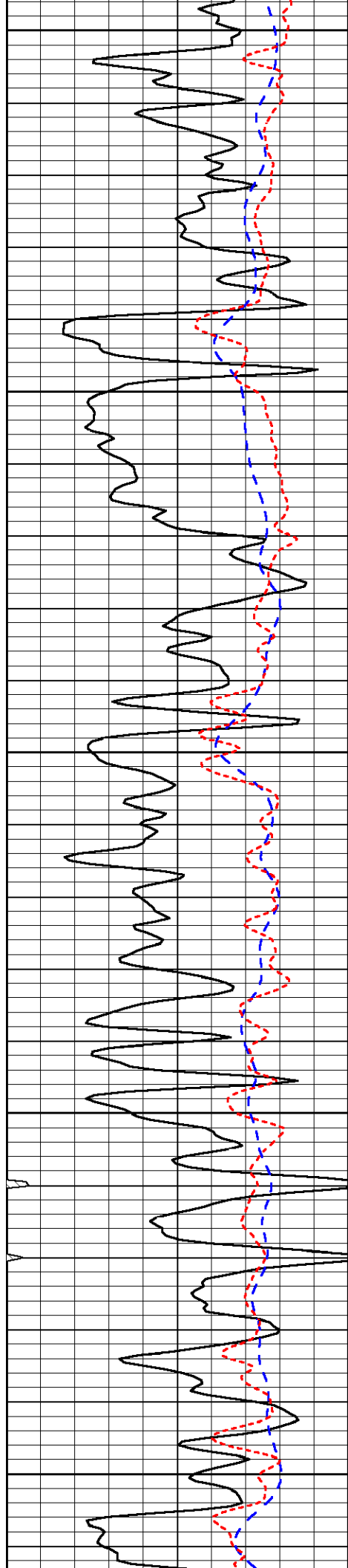


-66

-66

-66

-60



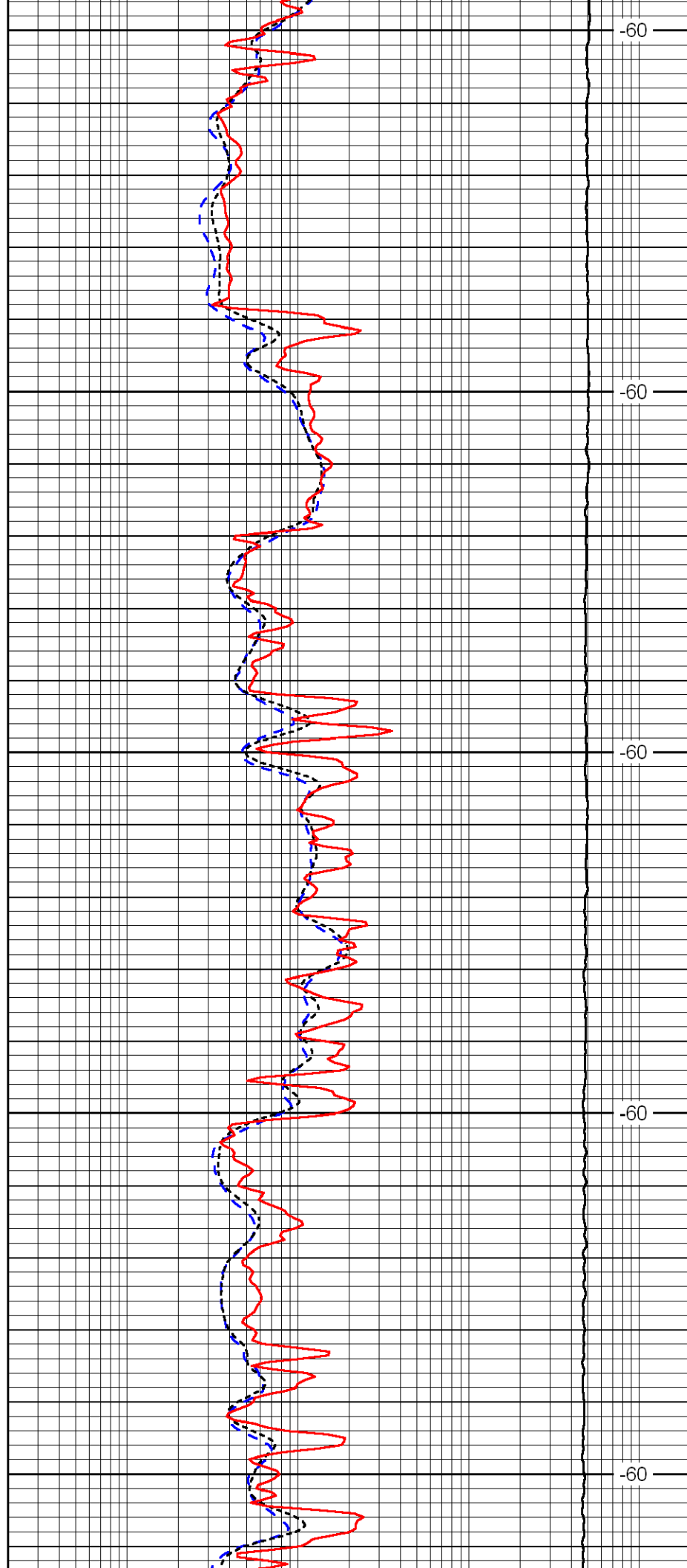
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3450

3500

3550

3600



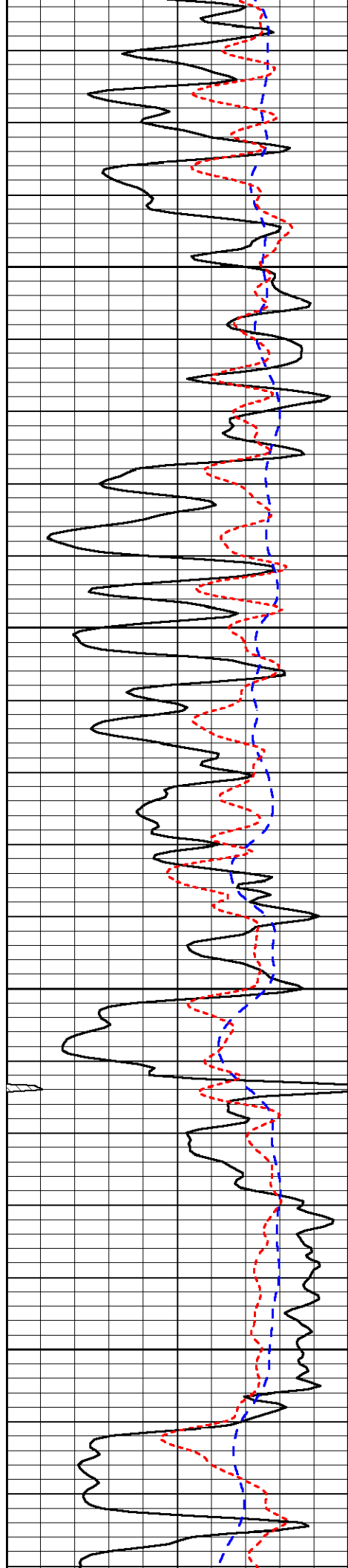
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-60

-60

-60

-60

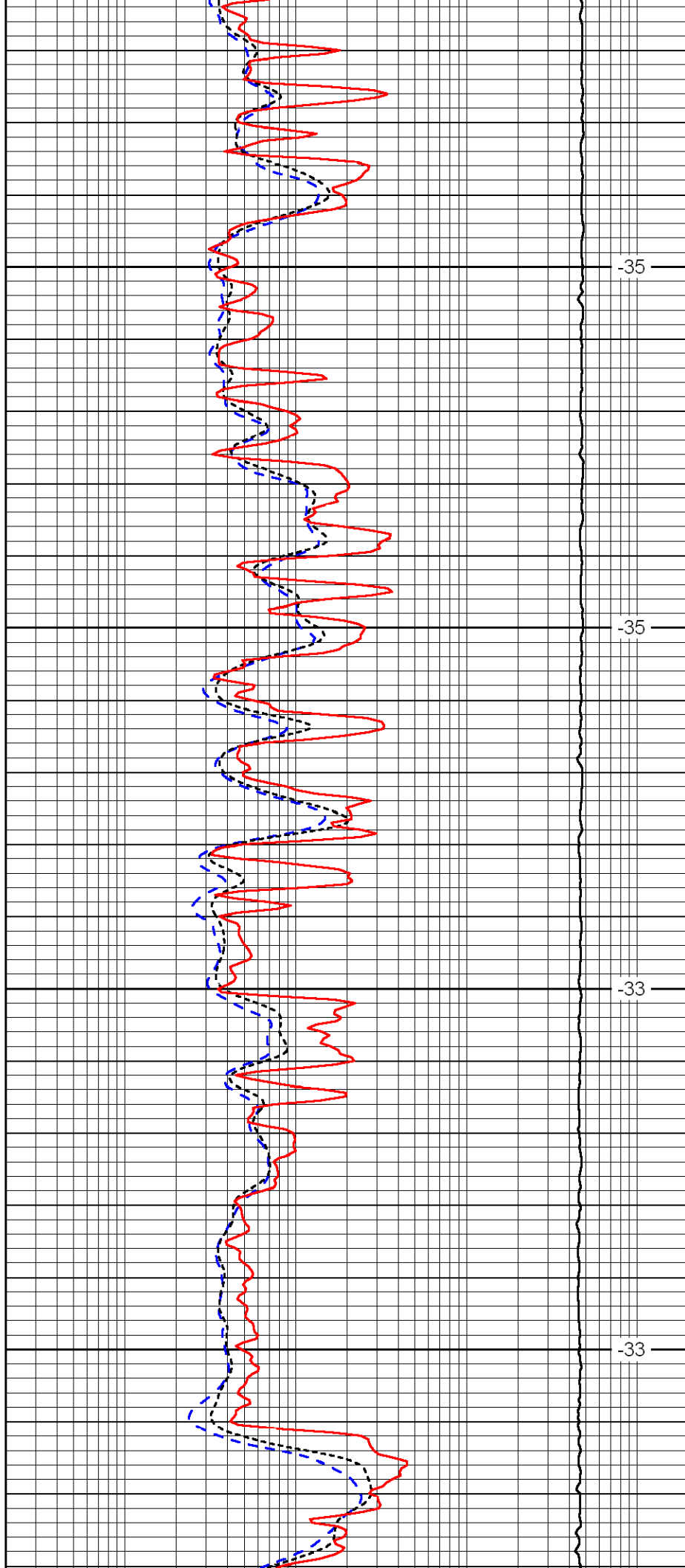


3650

3700

3750

3800

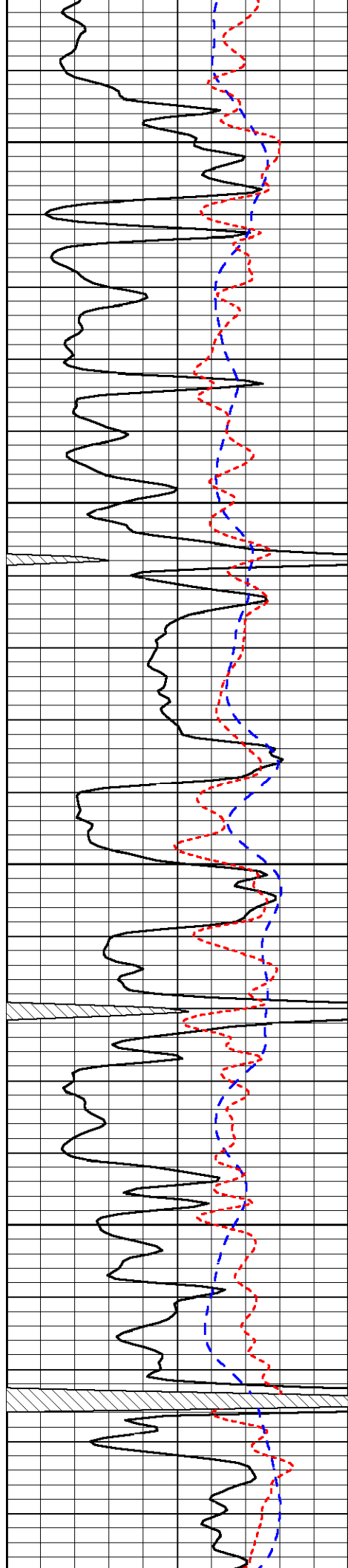


-35

-35

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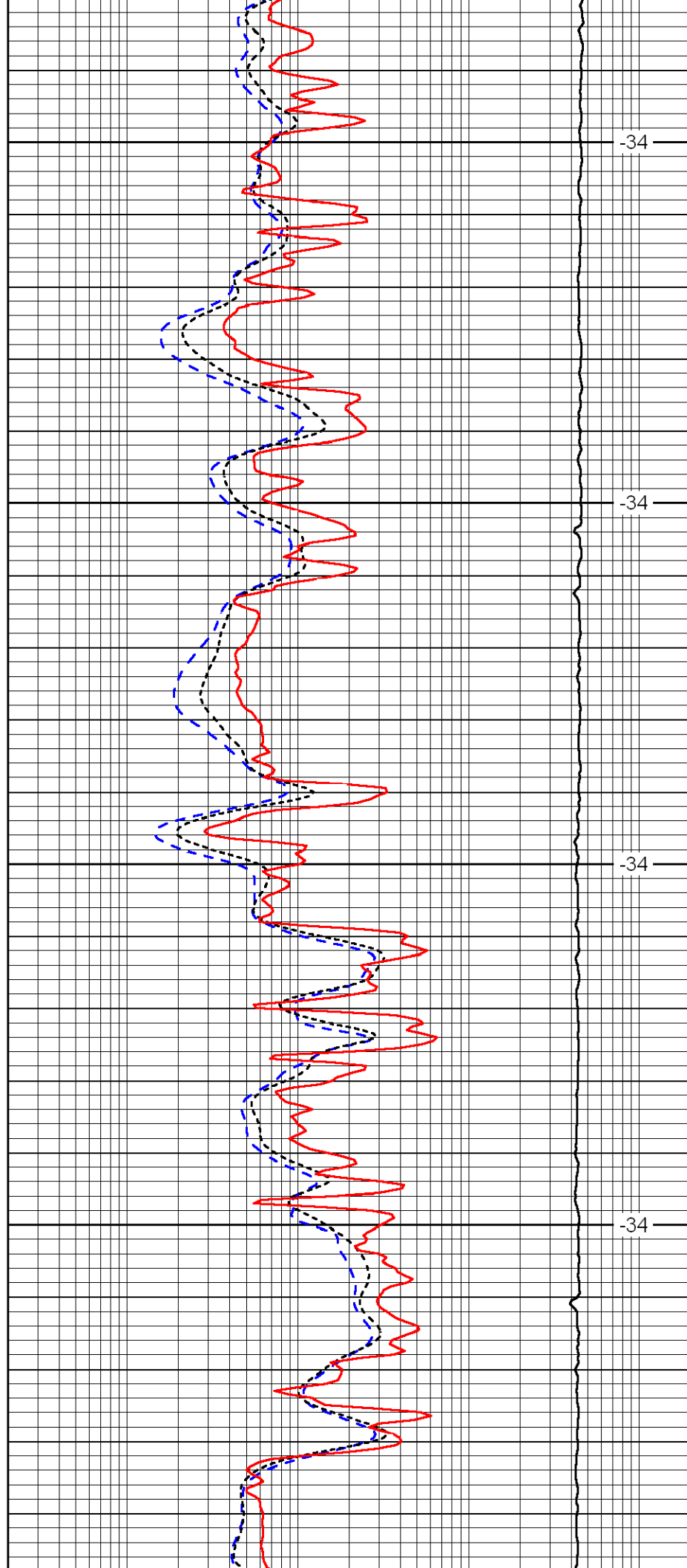


3850

3900

3950

4000

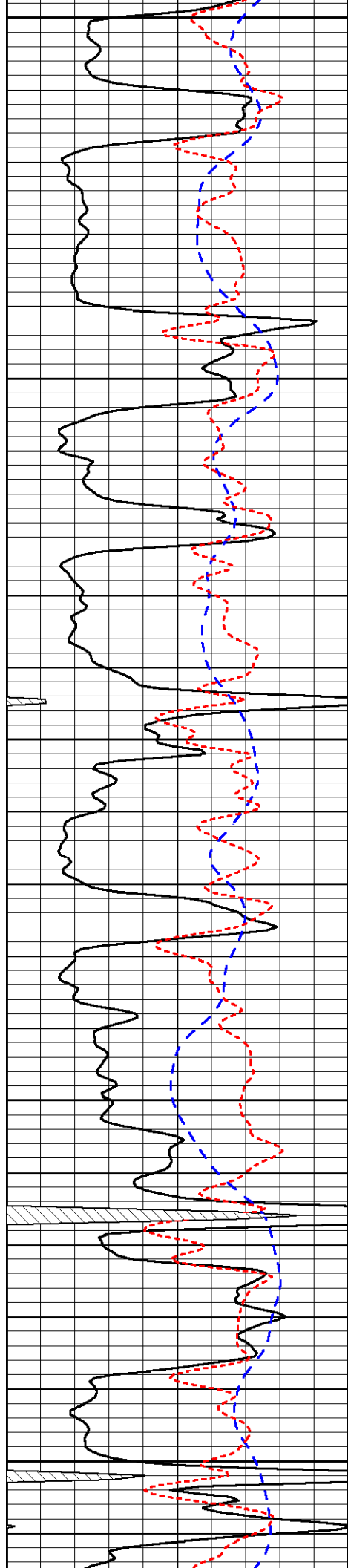


-34

-34

-34

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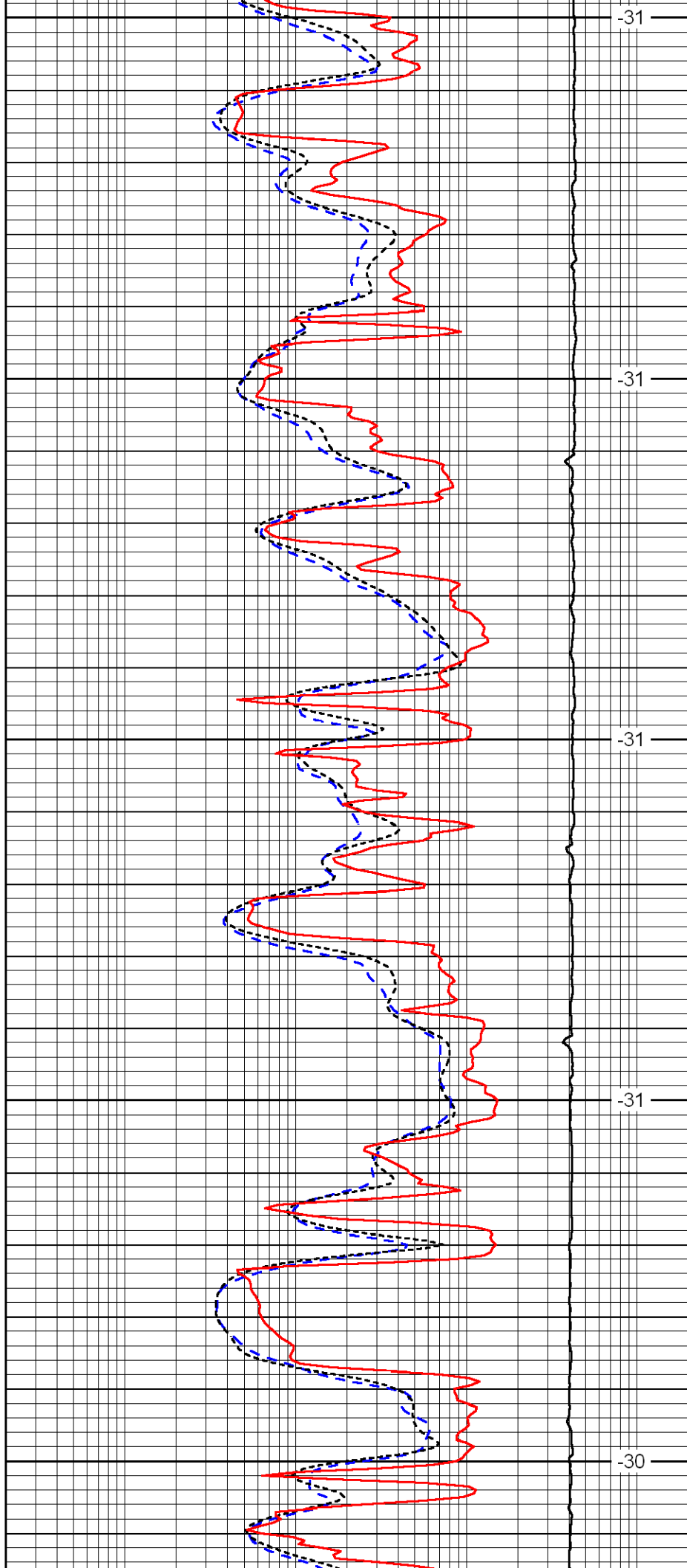
4050

4100

4150

4200

4250



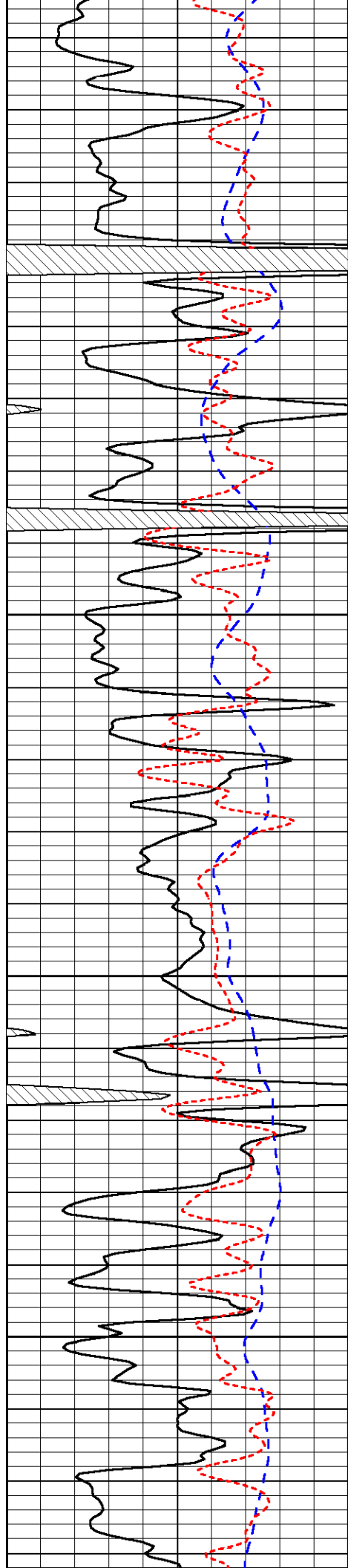
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-31

-31

-31

-30

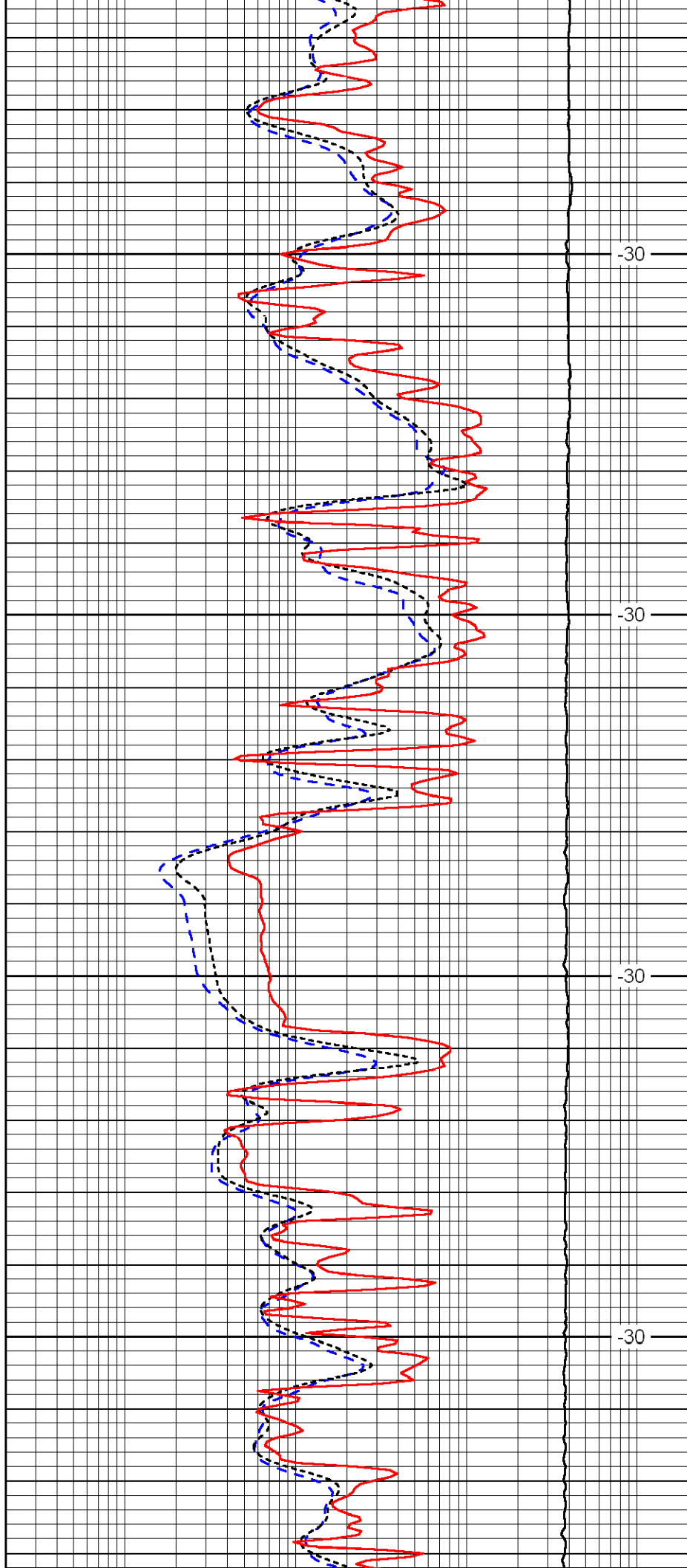


4300

4350

4400

4450

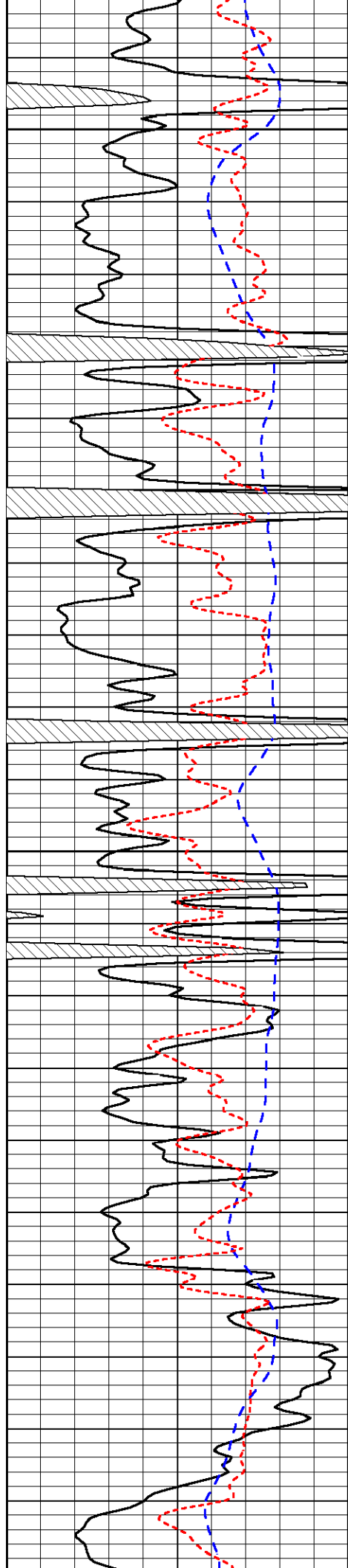


-30

-30

-30

-30



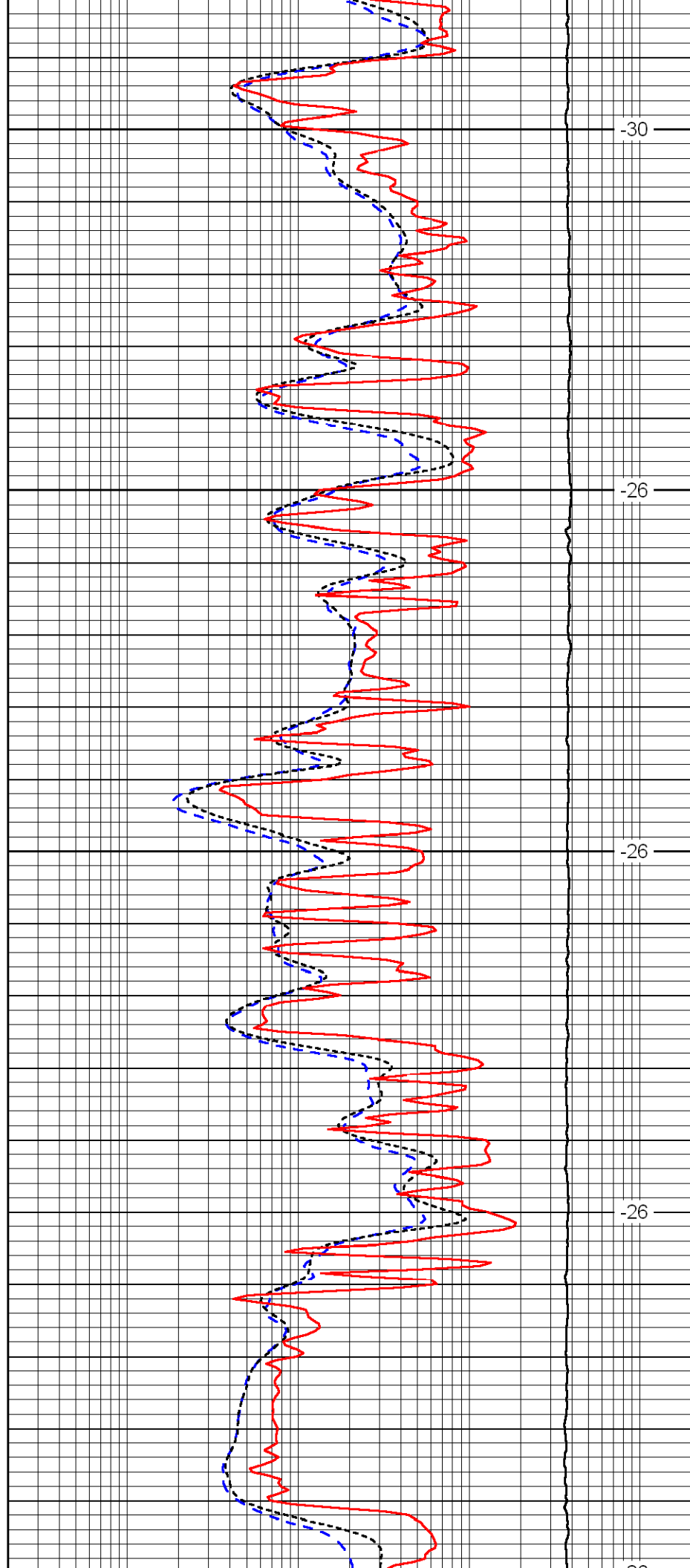
4500

4550

4600

4650

4700



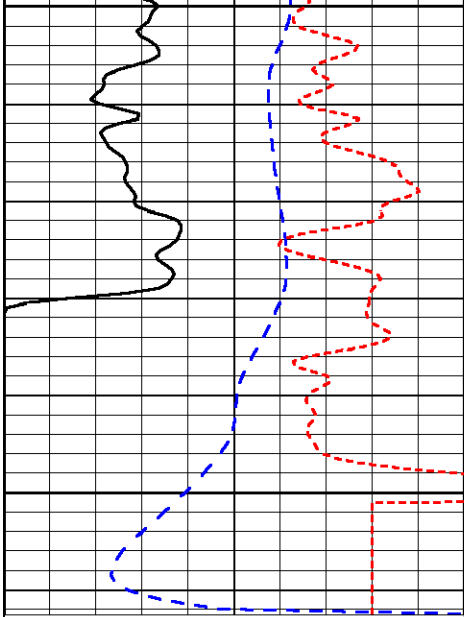
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-26

-26

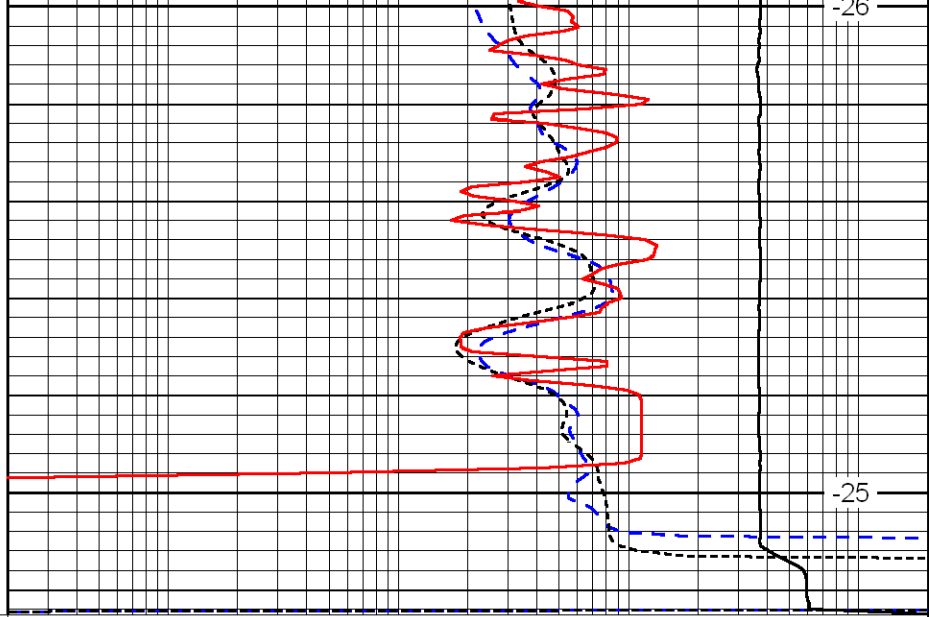
-26

-22



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

4700
4750



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)