



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-195-22,677-00-00

Company: **Murfin Drilling Company, Inc.**
 Well: **Baughner No. 1-20**
 Field: **Adair Northwest**
 County: **Trego** State: **Kansas**

Location: **500' FNL & 2030' FEL**

Sec: **20** Twp: **12 S** Rge: **21 W**

Other Services: CNL/CDL, MEL/BHCS

Permanent Datum	Ground Level	Elevation	2289
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date		8/28/2010	
Run Number		One	
Depth Driller		4100	
Depth Logger		4100	
Bottom Logged Interval		4099	
Top Log Interval		00	
Casing Driller		8.625 @ 219	
Casing Logger		218	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		5.100	
Density / Viscosity		9.1 58	
pH / Fluid Loss		11.5 6.4	
Source of Sample		Flowline	
Rm @ Meas. Temp		.70 @ 70	
Rmf @ Meas. Temp		.53 @ 70	
Rmc @ Meas. Temp		.95 @ 70	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.41 @ 119	
Operating Rig Time		5 1/2 Hours	
Max Rec. Temp. F		119	
Equipment Number		4	
Location		Hays	
Recorded By		K. Bange	
Witnessed By		Paul Gunzelman	

<<< Fold Here >>>

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

I-70 and Riga rd, 2 1/2 N to J rd, 1 1/2 W, S into

Database File: c:\warrior\data\murfin_baughner no. 1-20\murfn082810hd.db
 Dataset Pathname: dil\murfin2in
 Presentation Format: dil2in
 Dataset Creation: Sat Aug 28 10:59:15 2010
 Charted by: Depth in Feet scaled 1:600

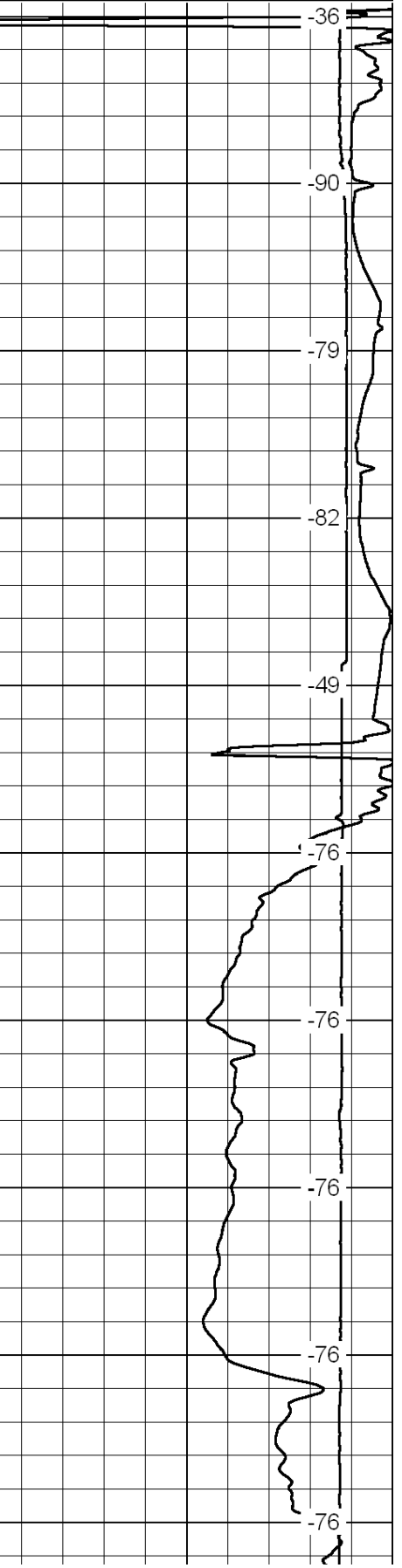
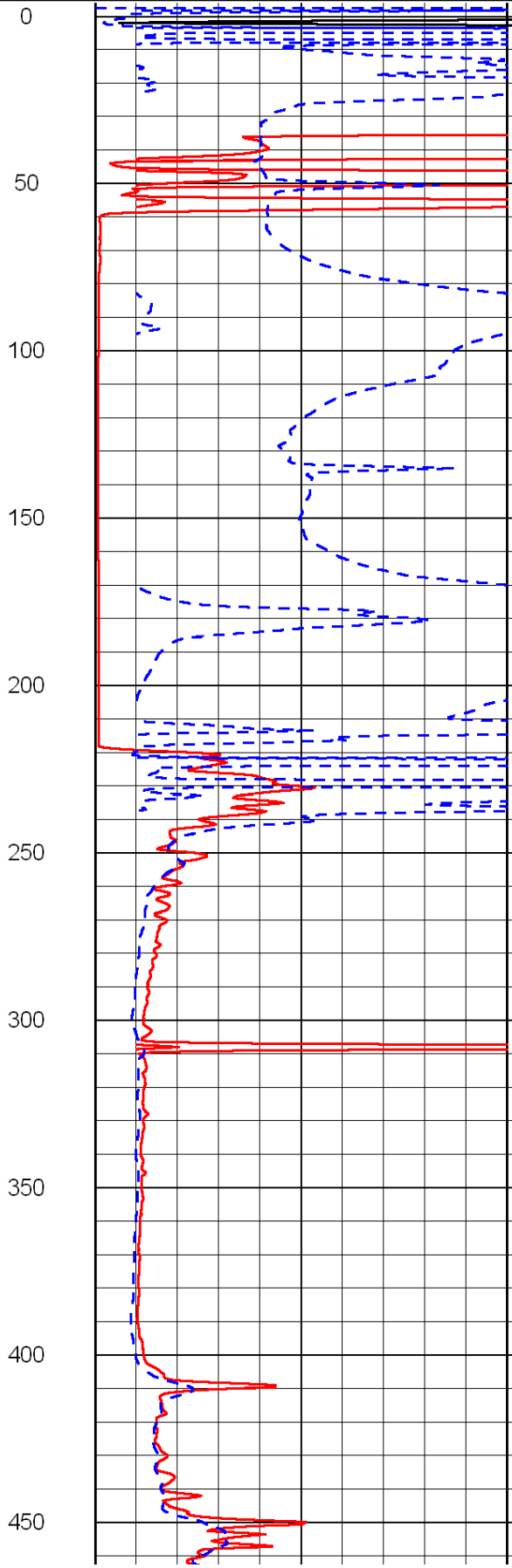
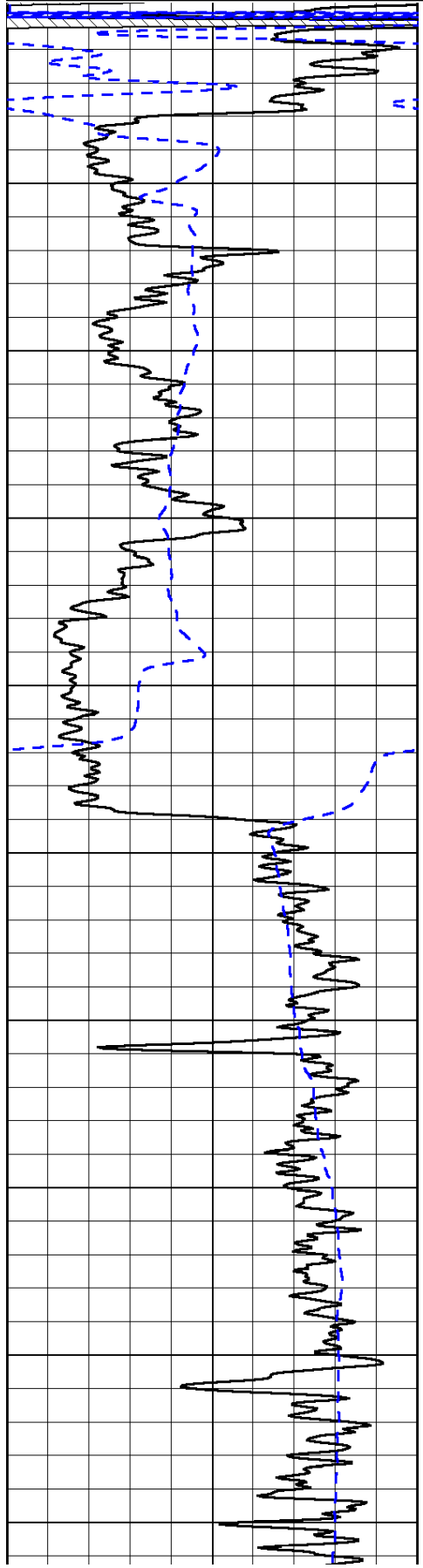
0	Gamma Ray	150
-200	SP (mV)	0

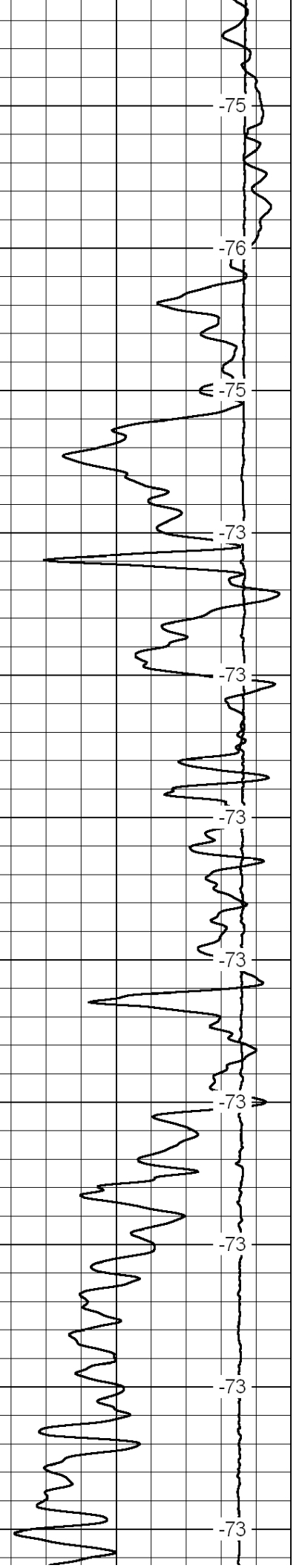
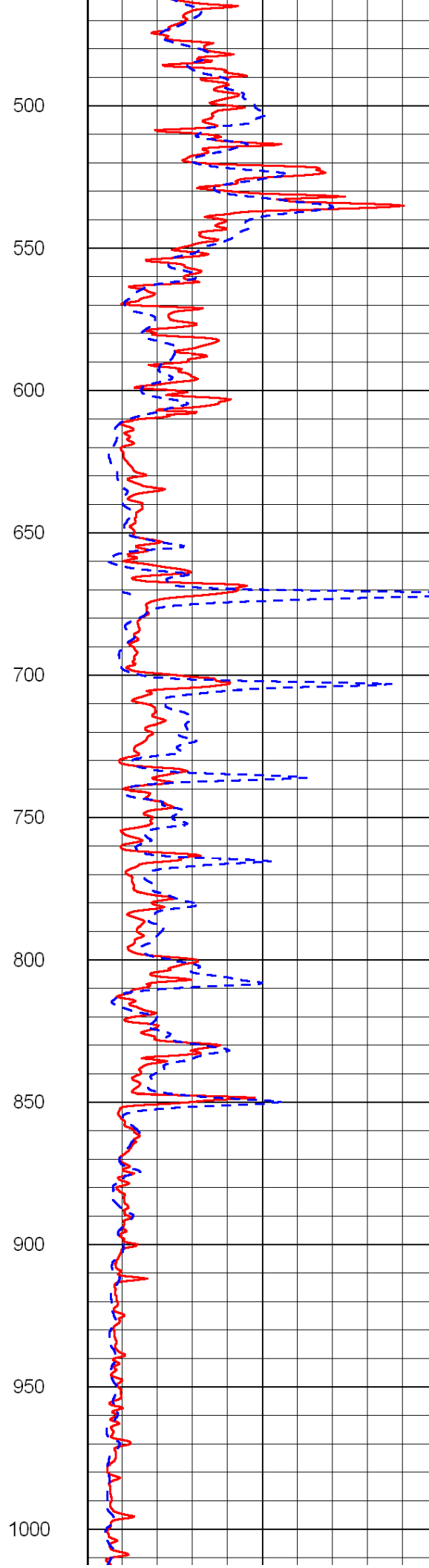
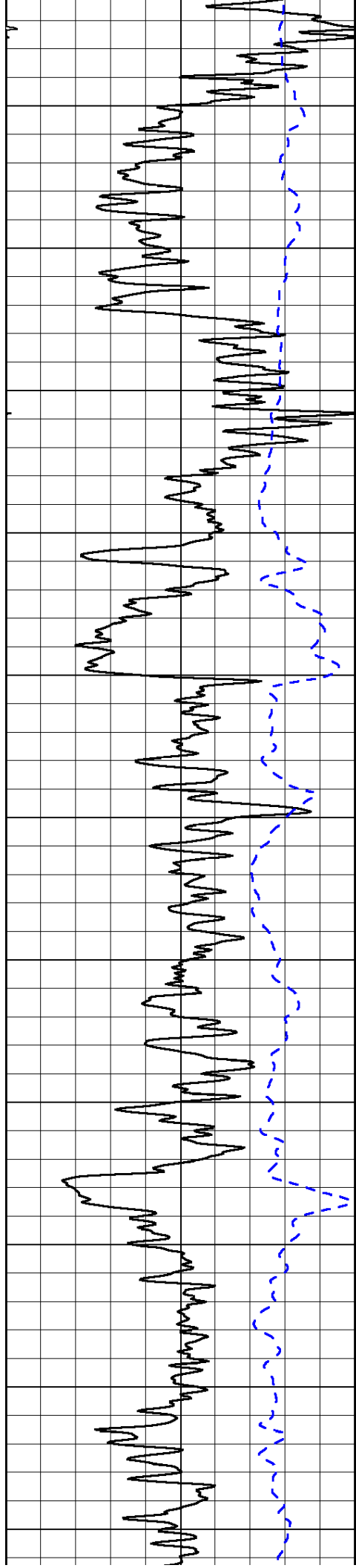
0	Shallow Resistivity	50
0	Deep Resistivity	50

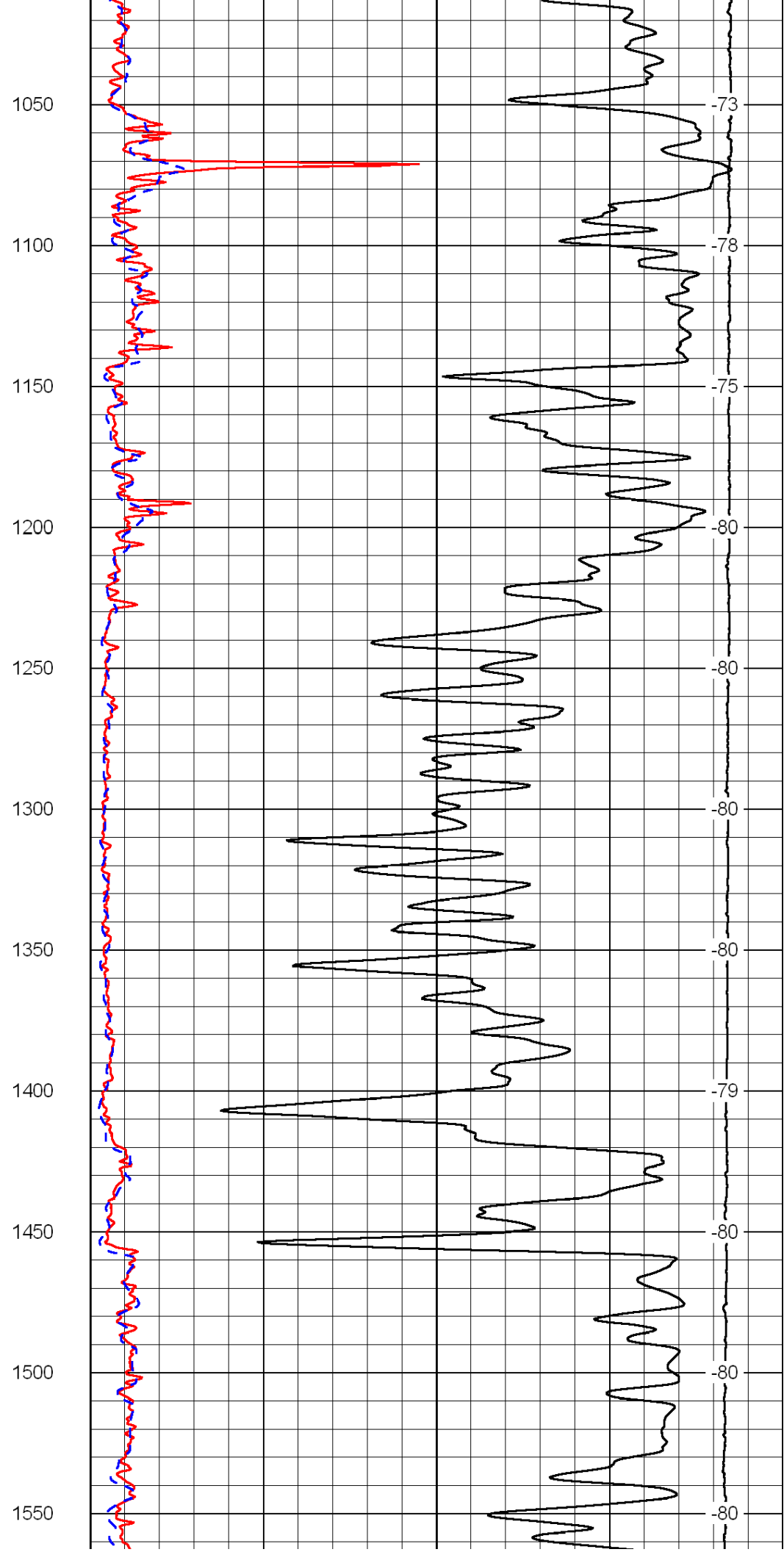
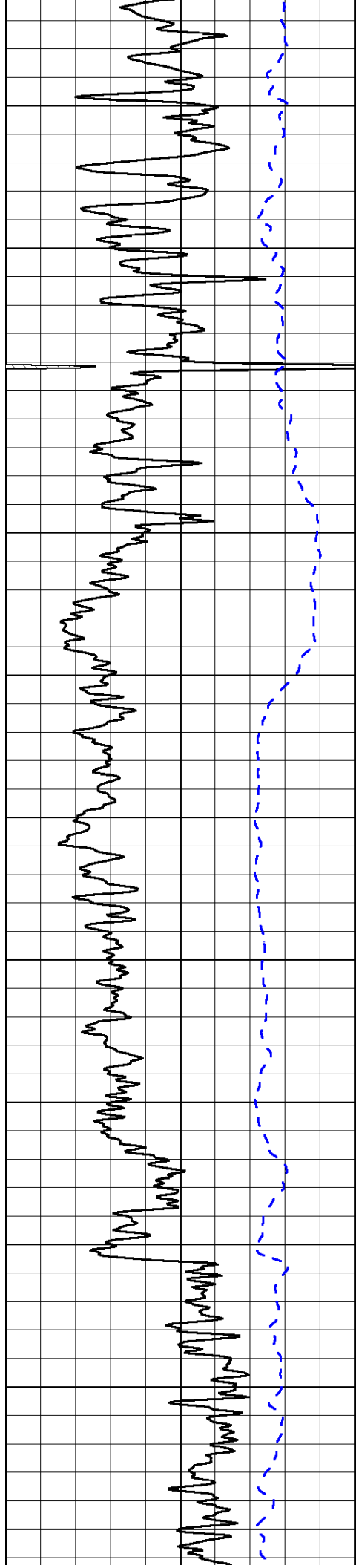
LSPD

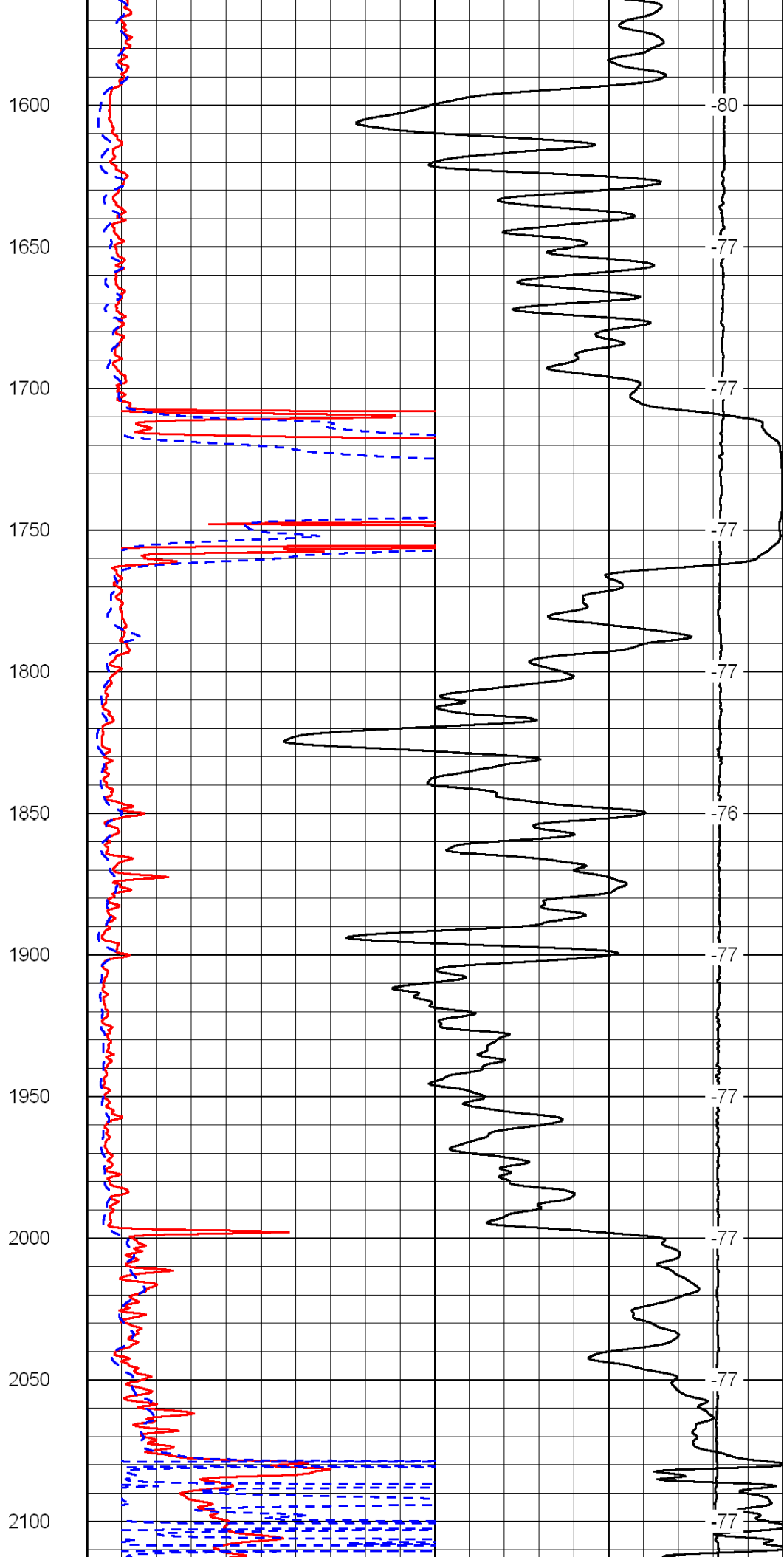
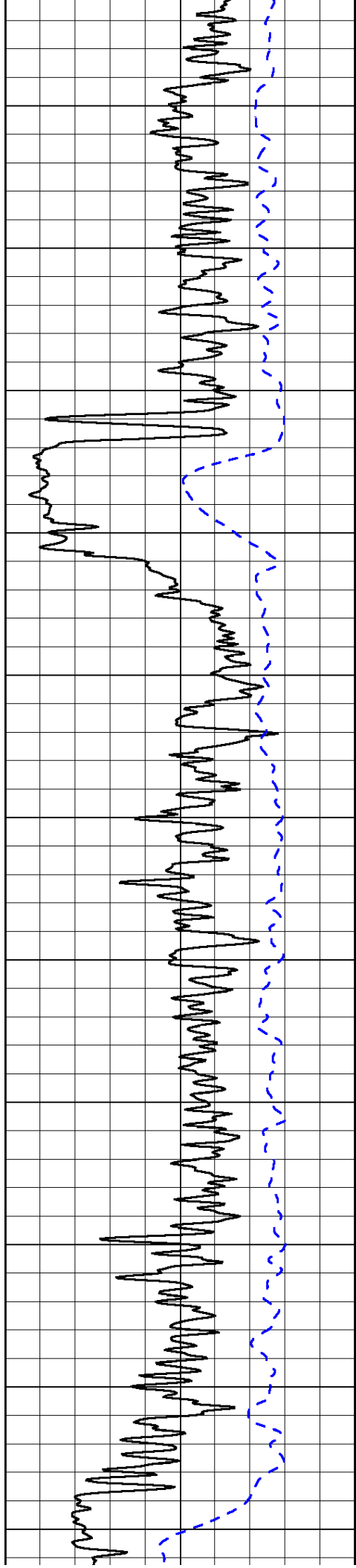
1000	Conductivity	0
15000	Line Tension	0

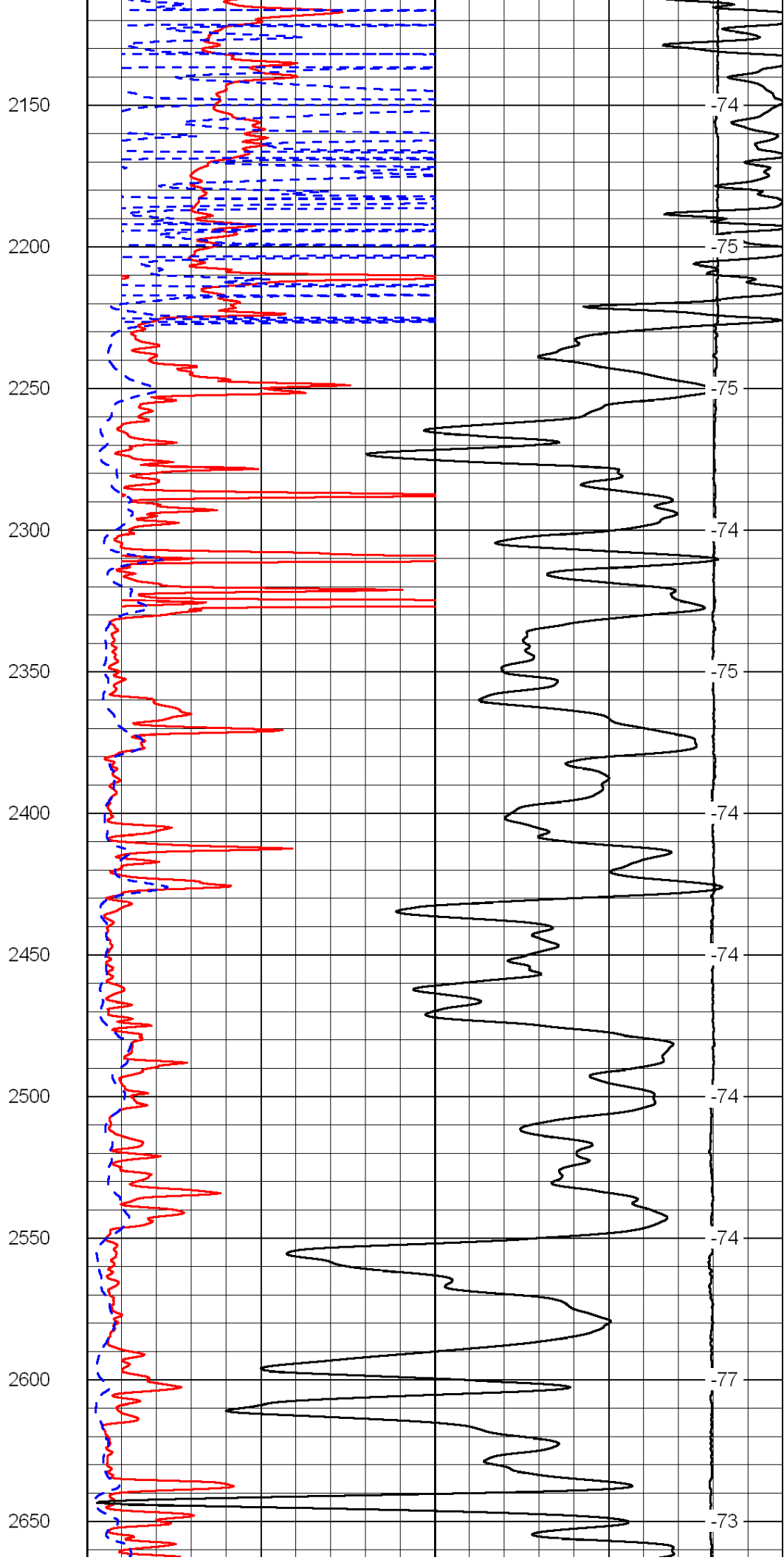
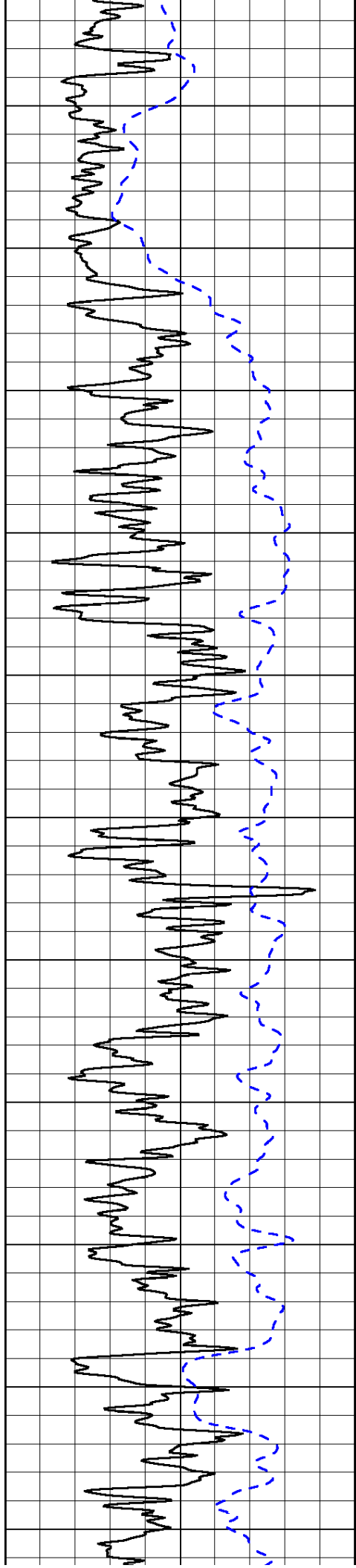
50	Shallow Resistivity	500
50	Deep Resistivity	500

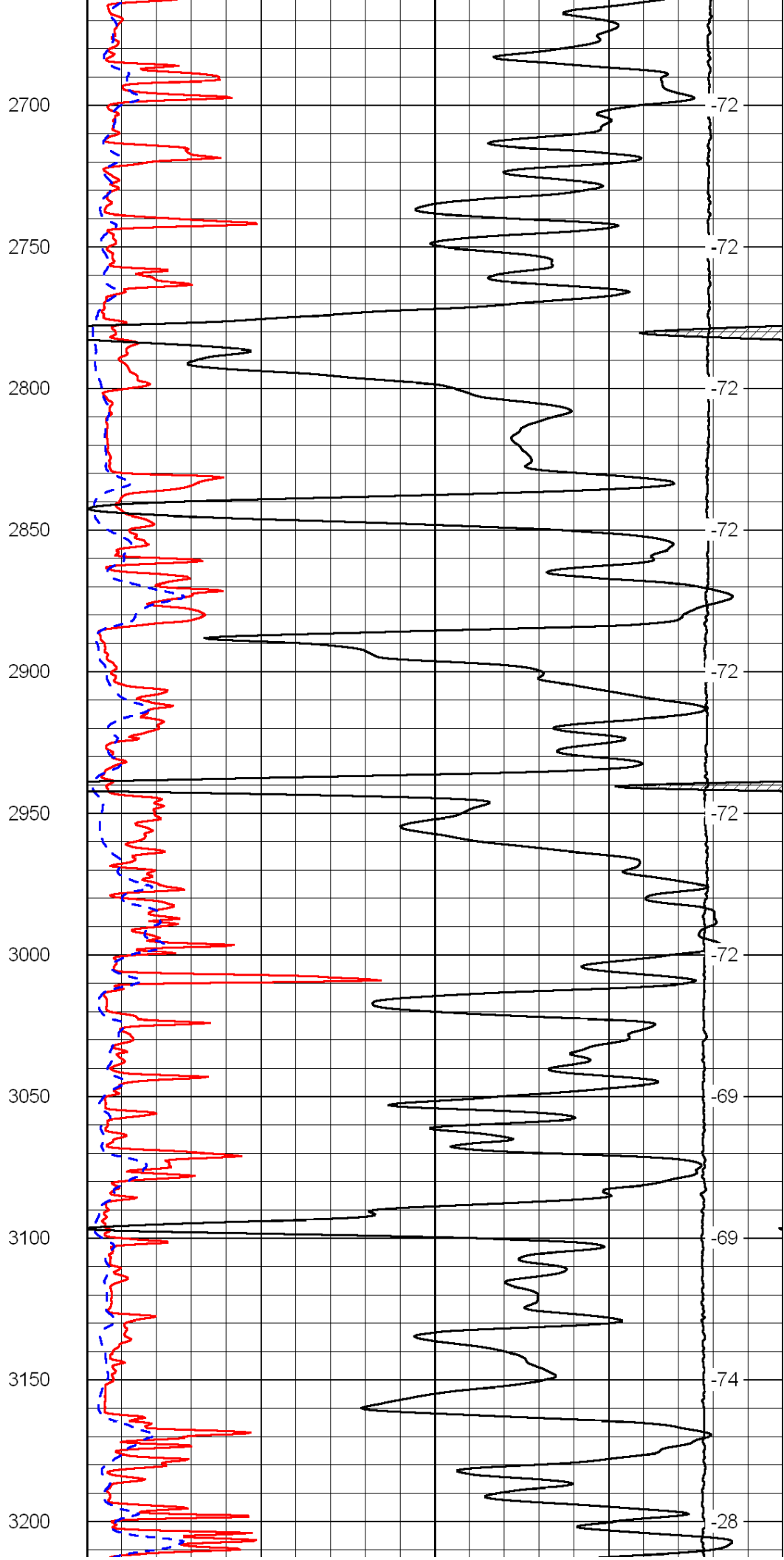
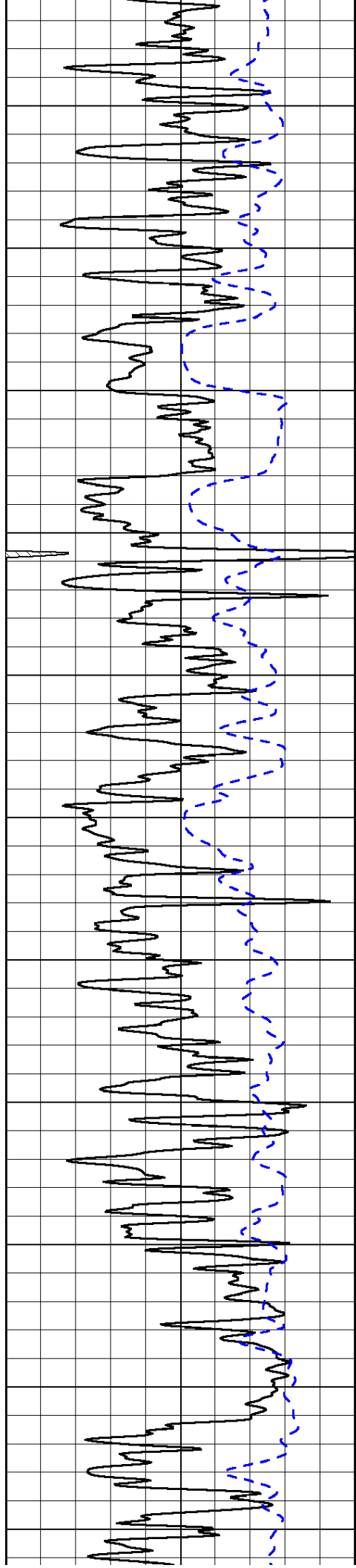


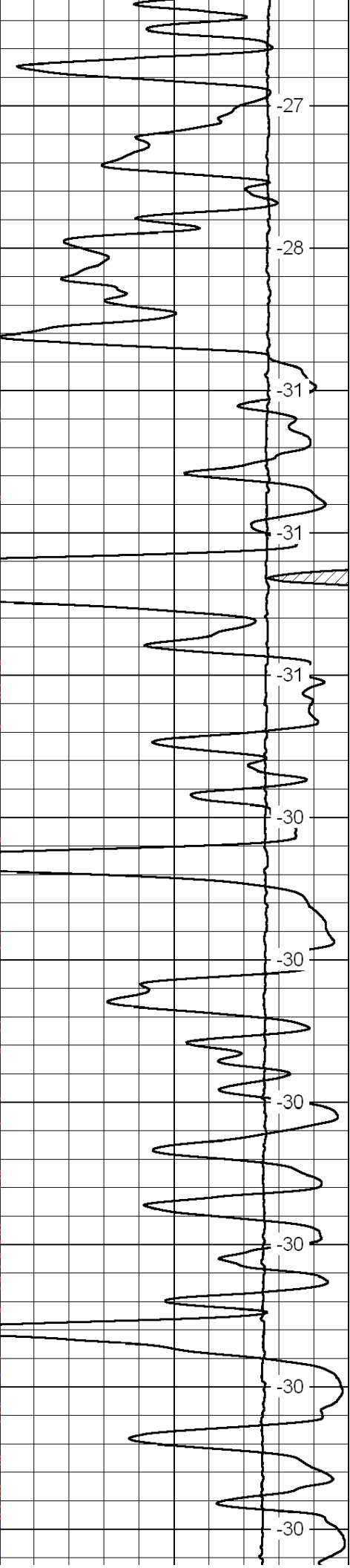
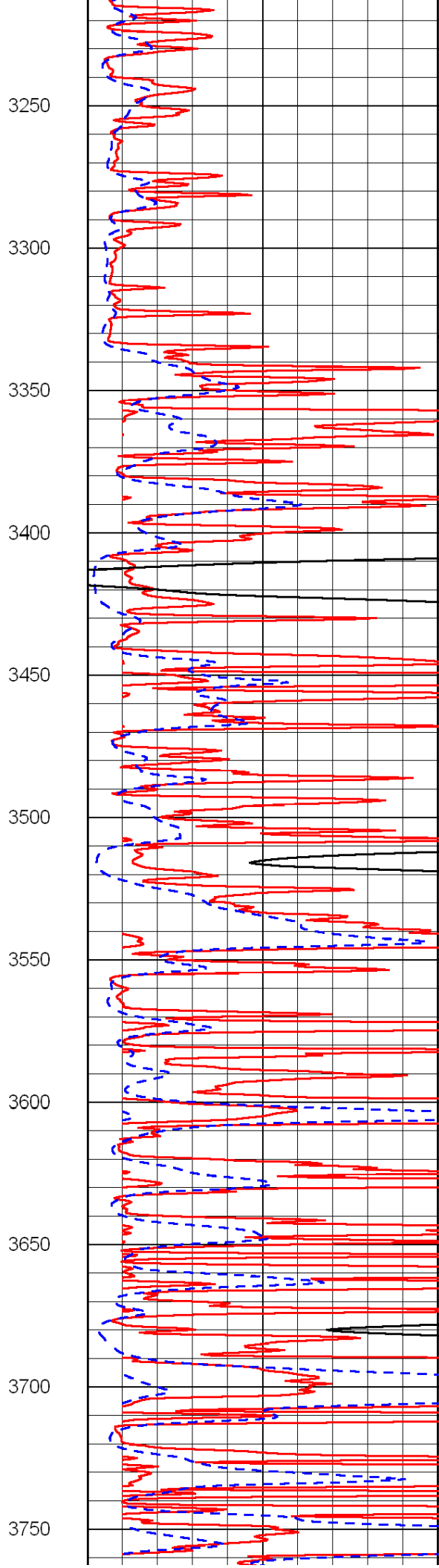
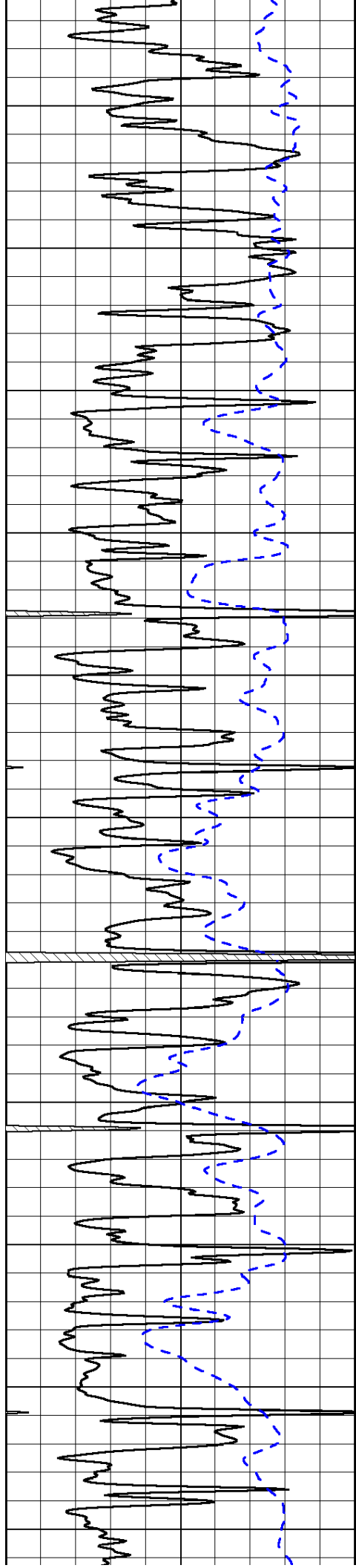


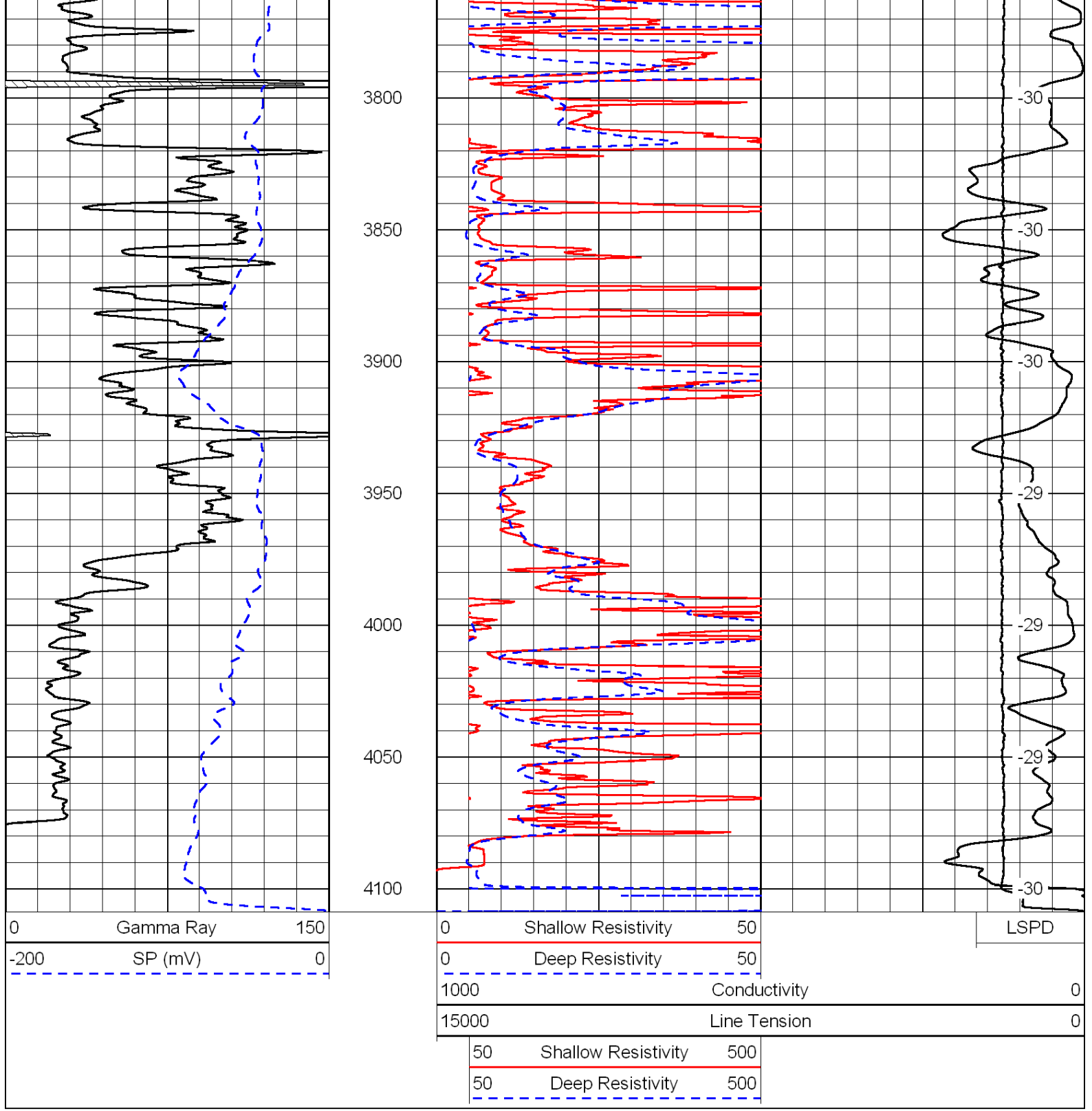




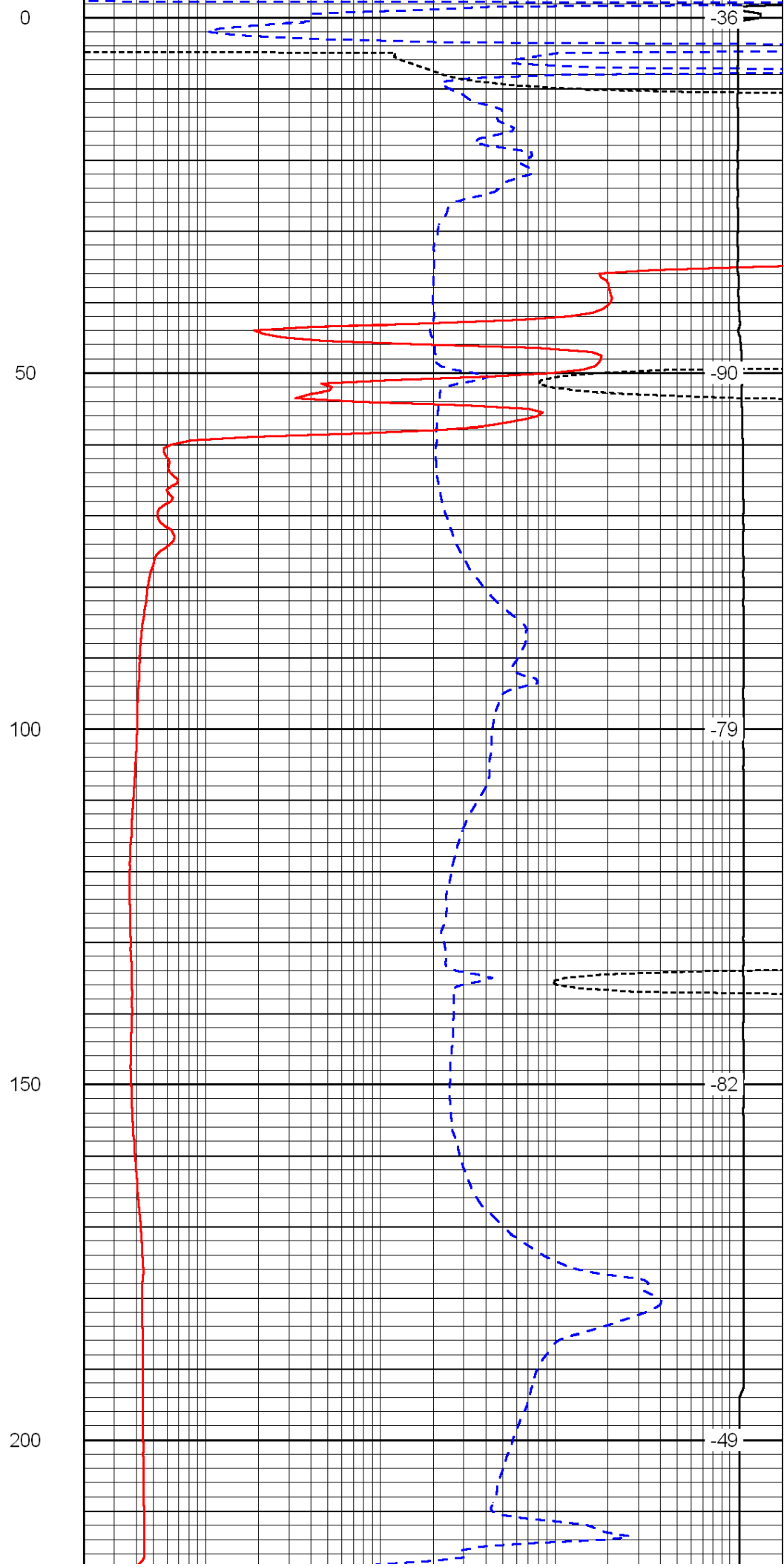
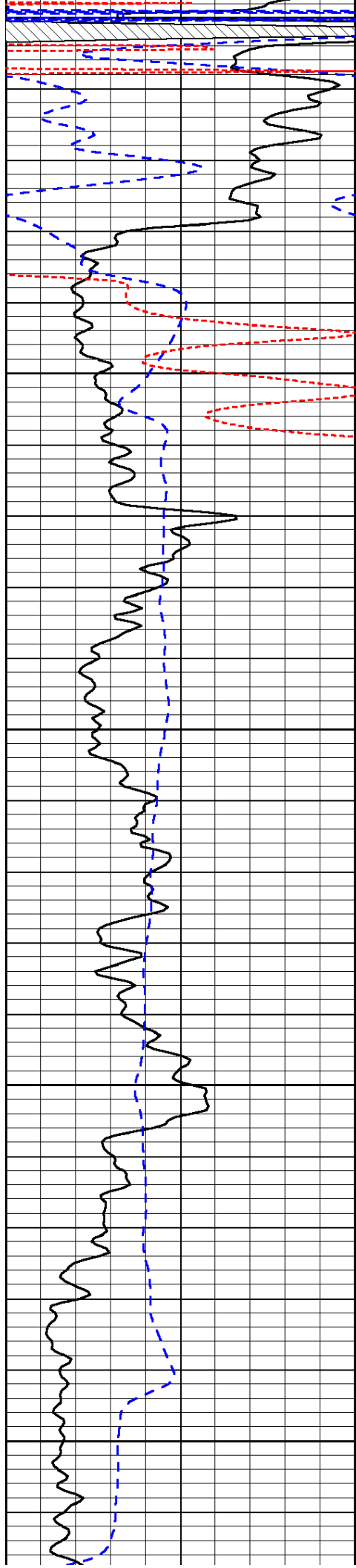


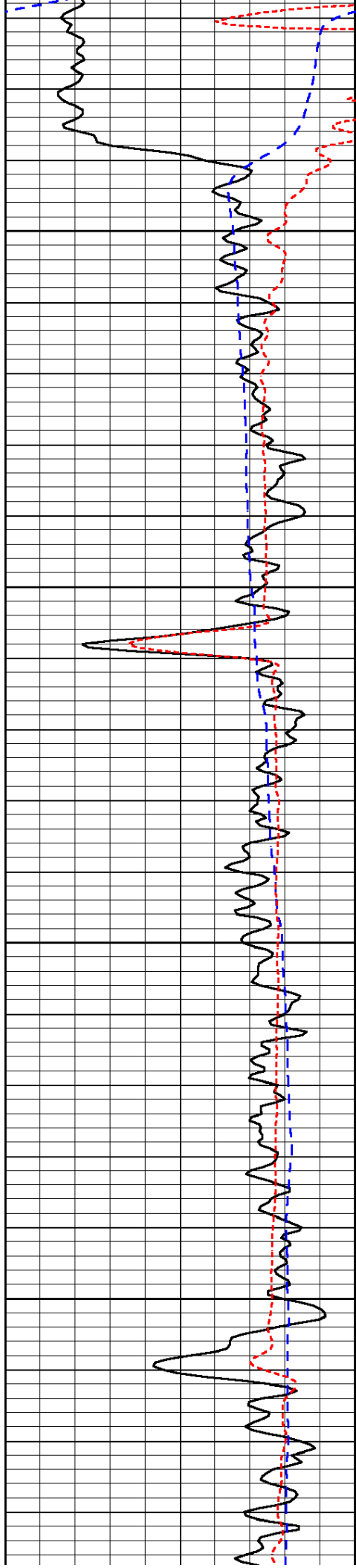






Database File:	c:\warrior\data\murfin_baughner no. 1-20\murfn082810hd.db				
Dataset Pathname:	dil/murfin2in				
Presentation Format:	dil				
Dataset Creation:	Sat Aug 28 10:59:15 2010				
Charted by:	Depth in Feet scaled 1:240				
0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0
				LSPD	



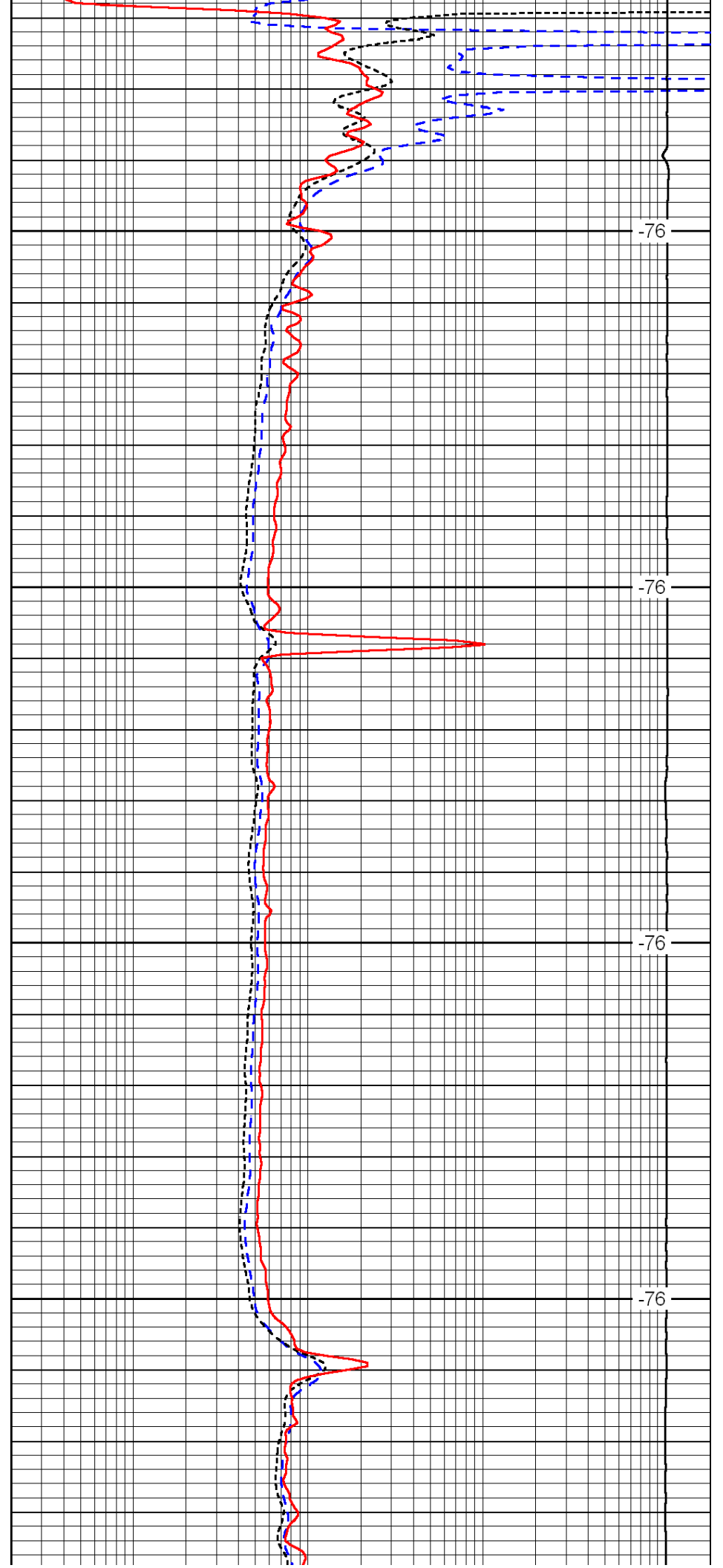


250

300

350

400

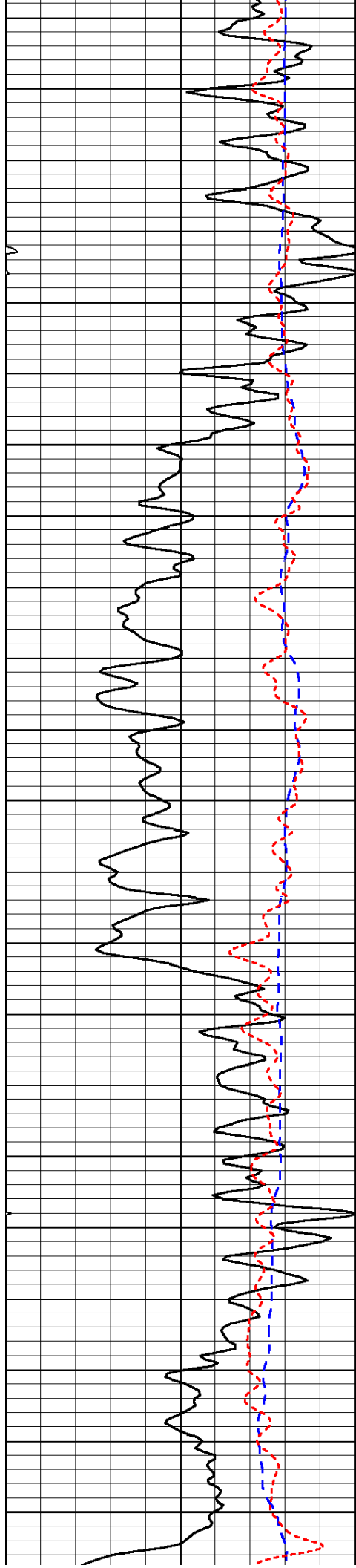


-76

-76

-76

-76



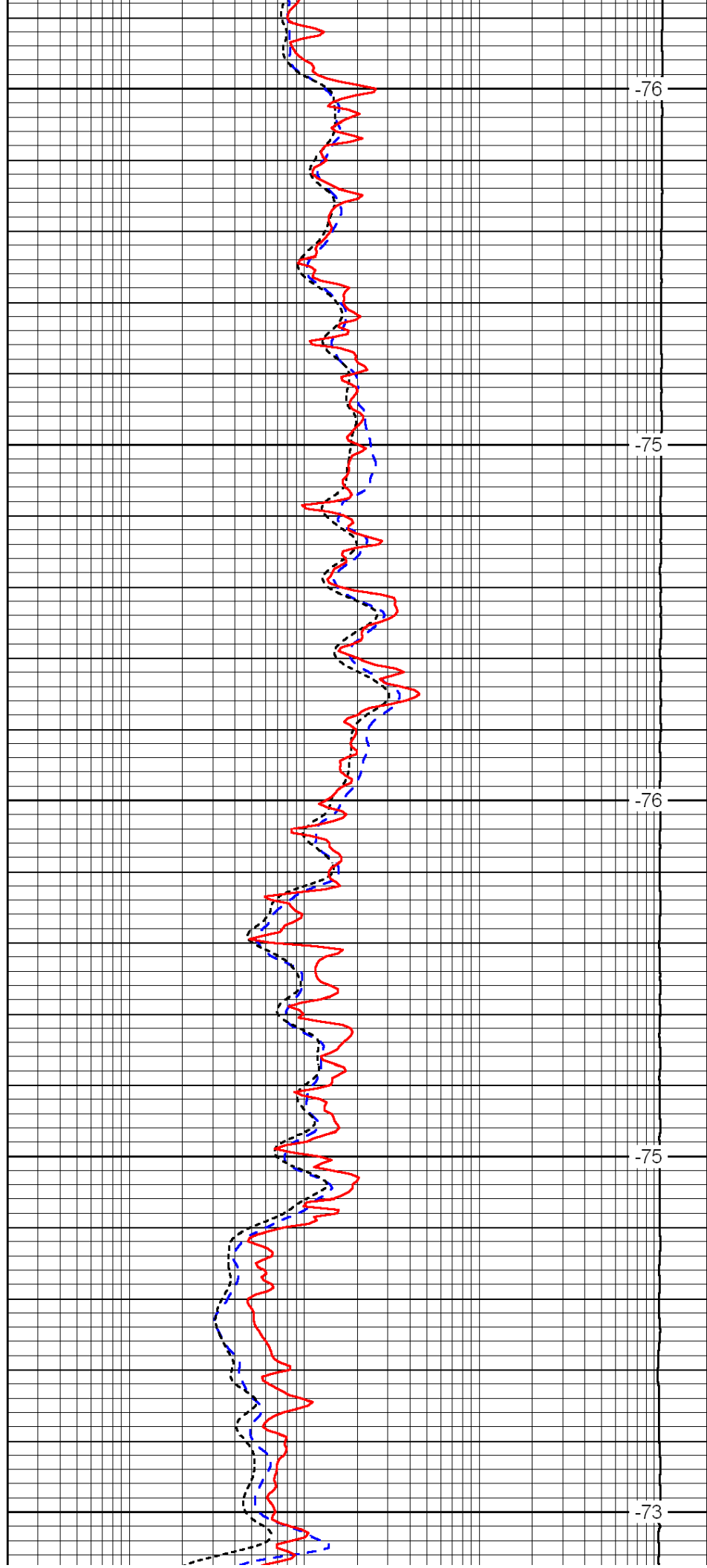
450

500

550

600

650



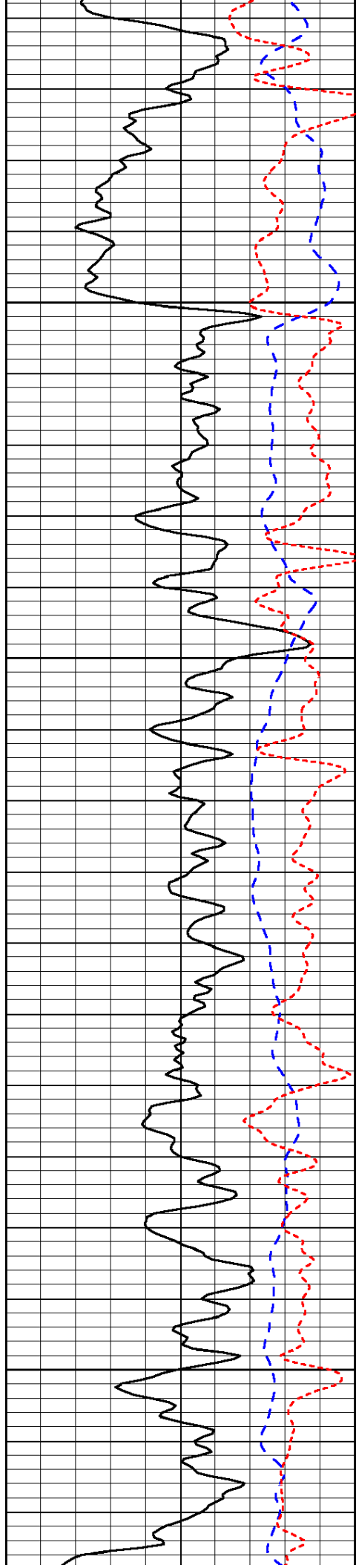
-76

-75

-76

-75

-73

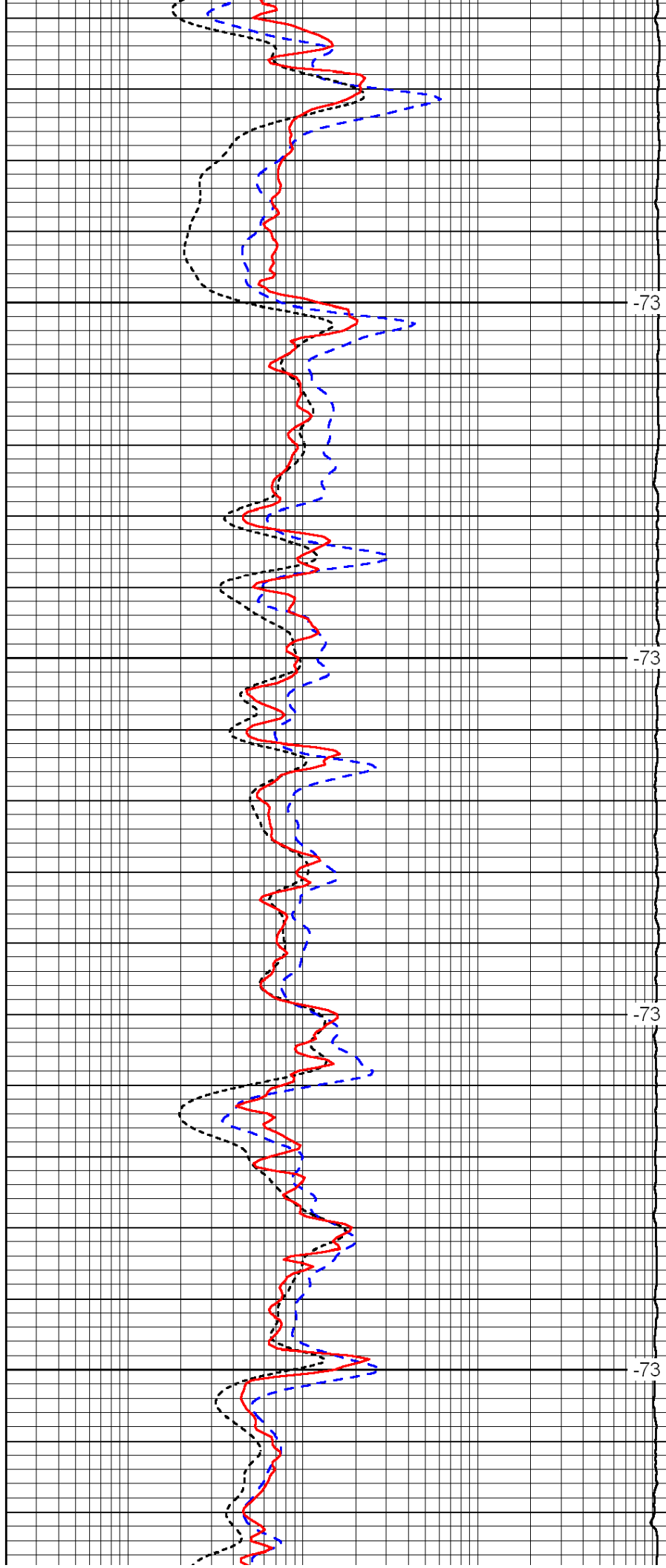


700

750

800

850

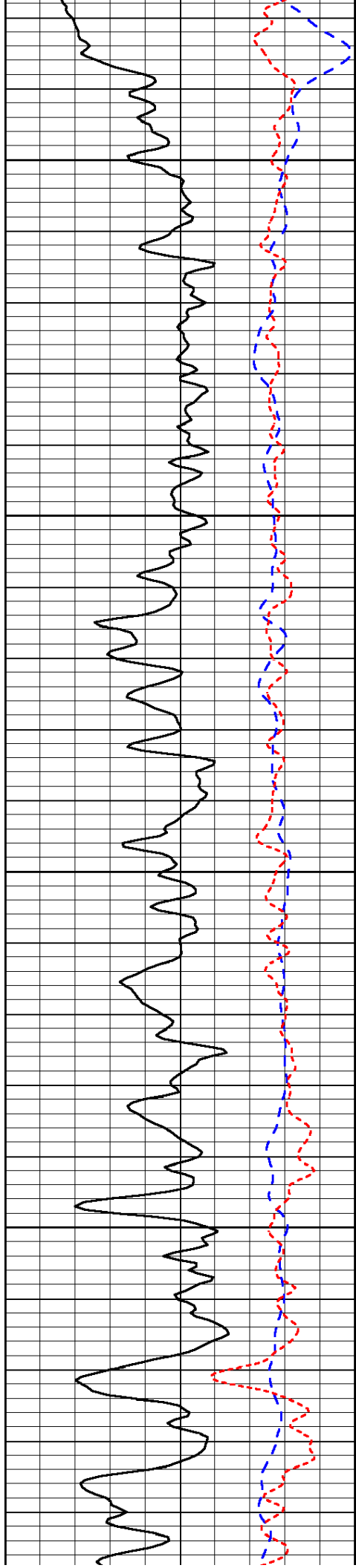


-73

-73

-73

-73

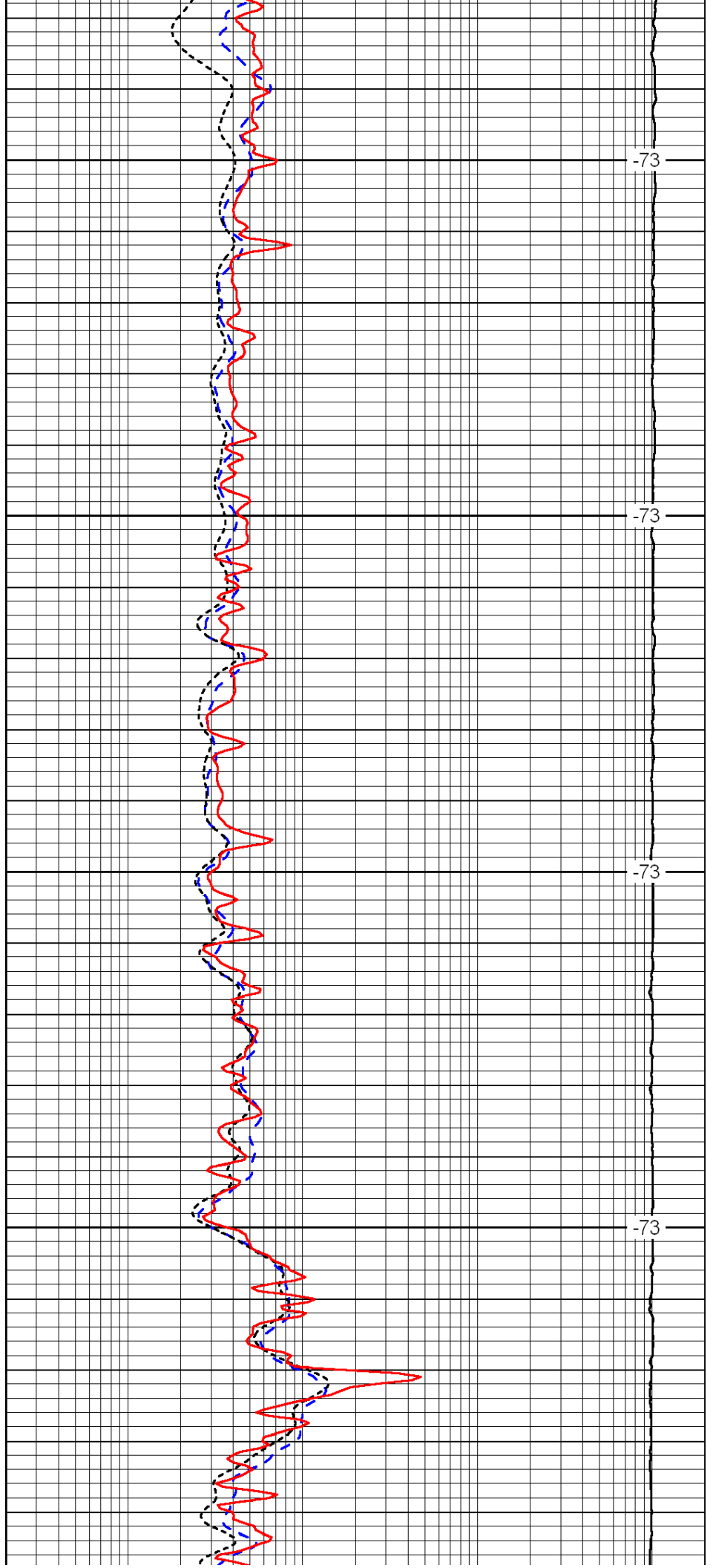


900

950

1000

1050

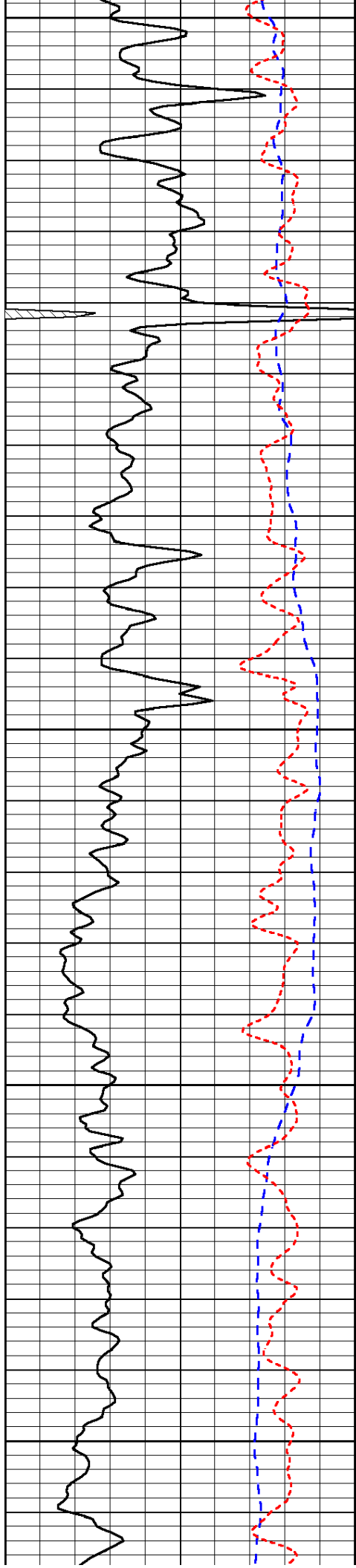


-73

-73

-73

-73



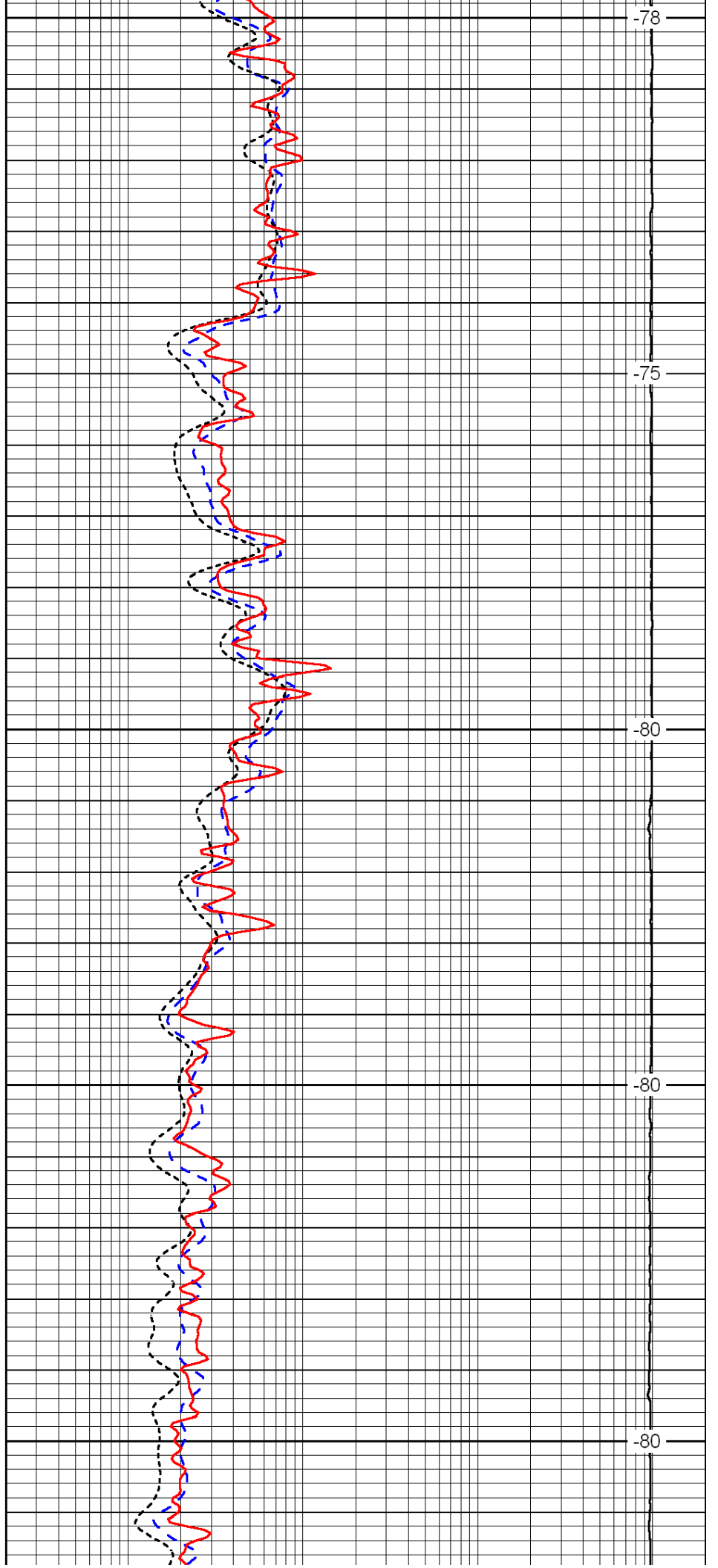
1100

1150

1200

1250

1300



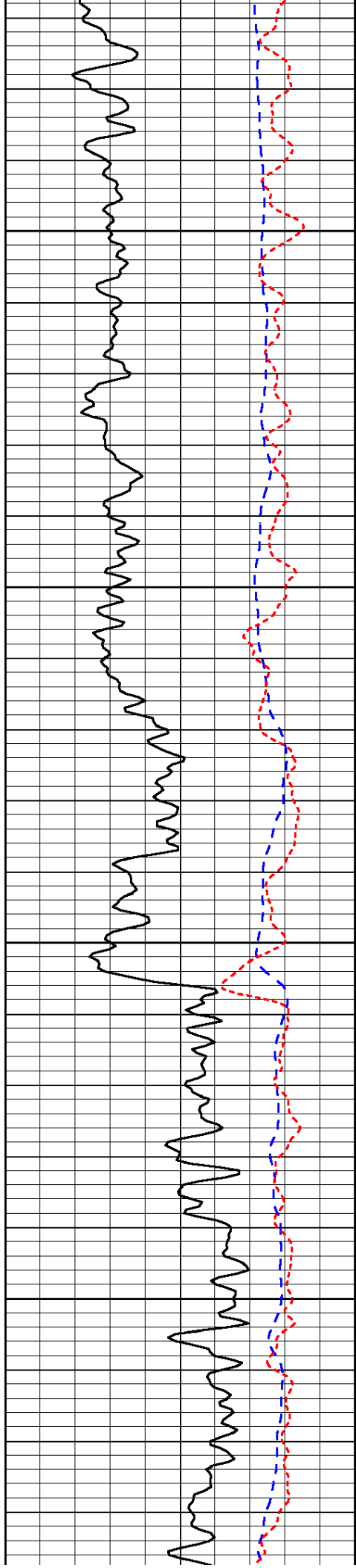
-78

-75

-80

-80

-80

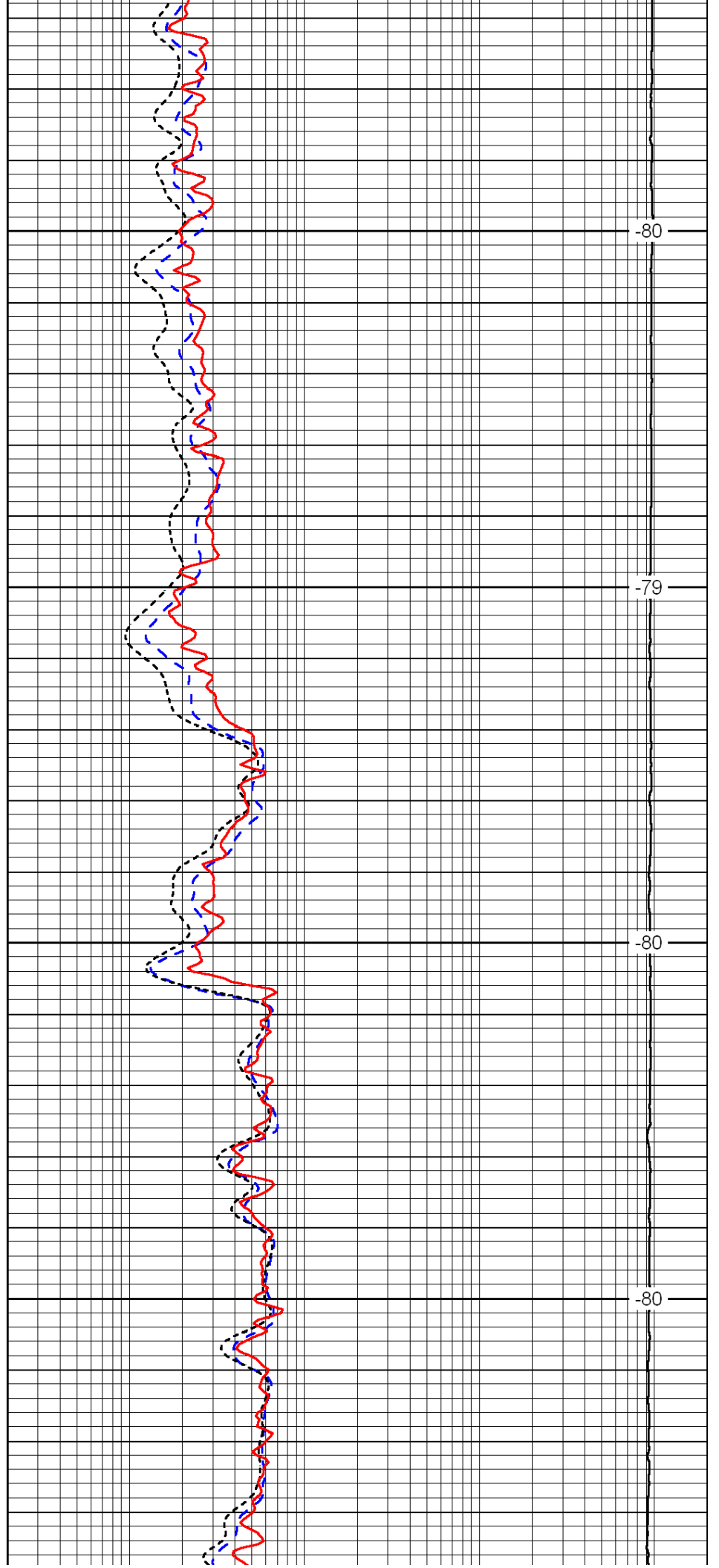


1350

1400

1450

1500

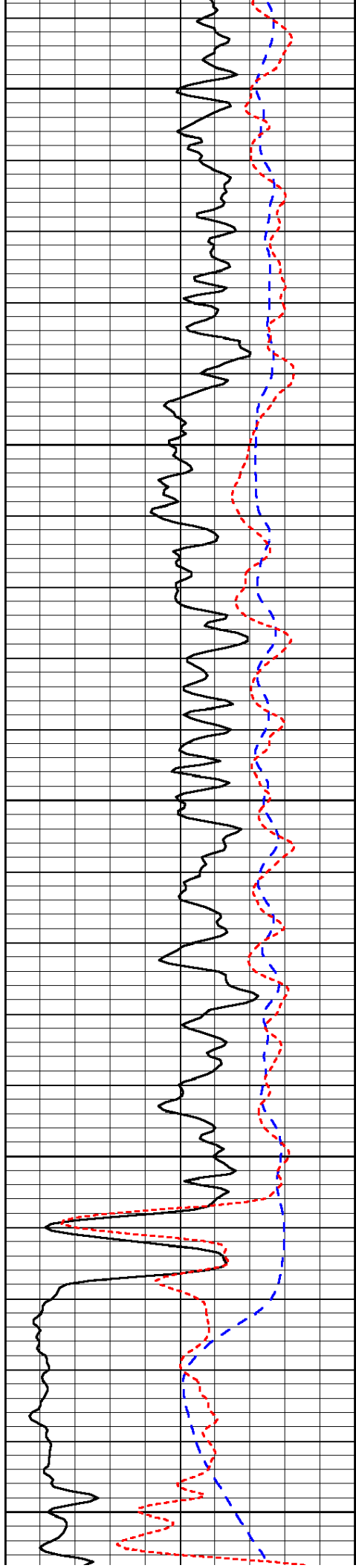


-80

-79

-80

-80



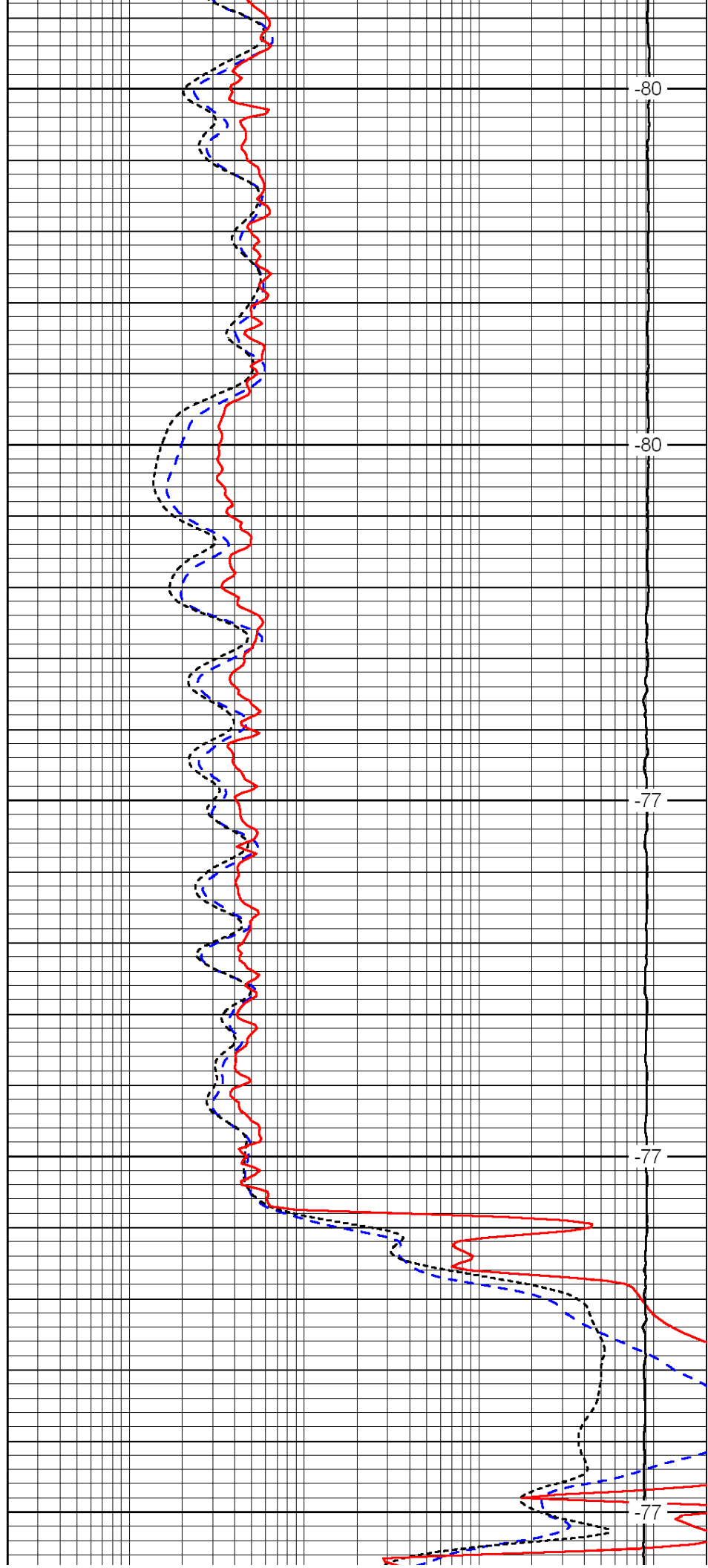
1550

1600

1650

1700

1750



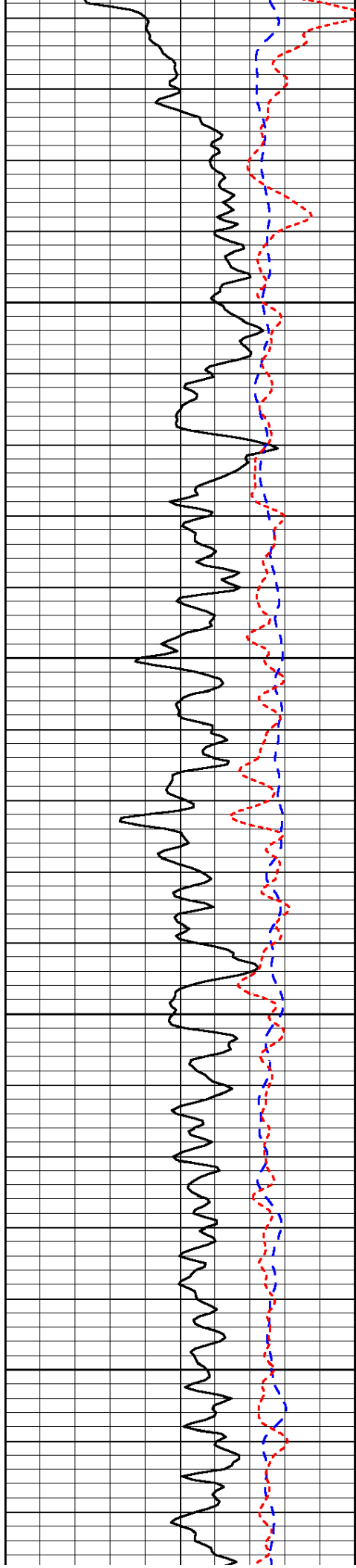
-80

-80

-77

-77

-77

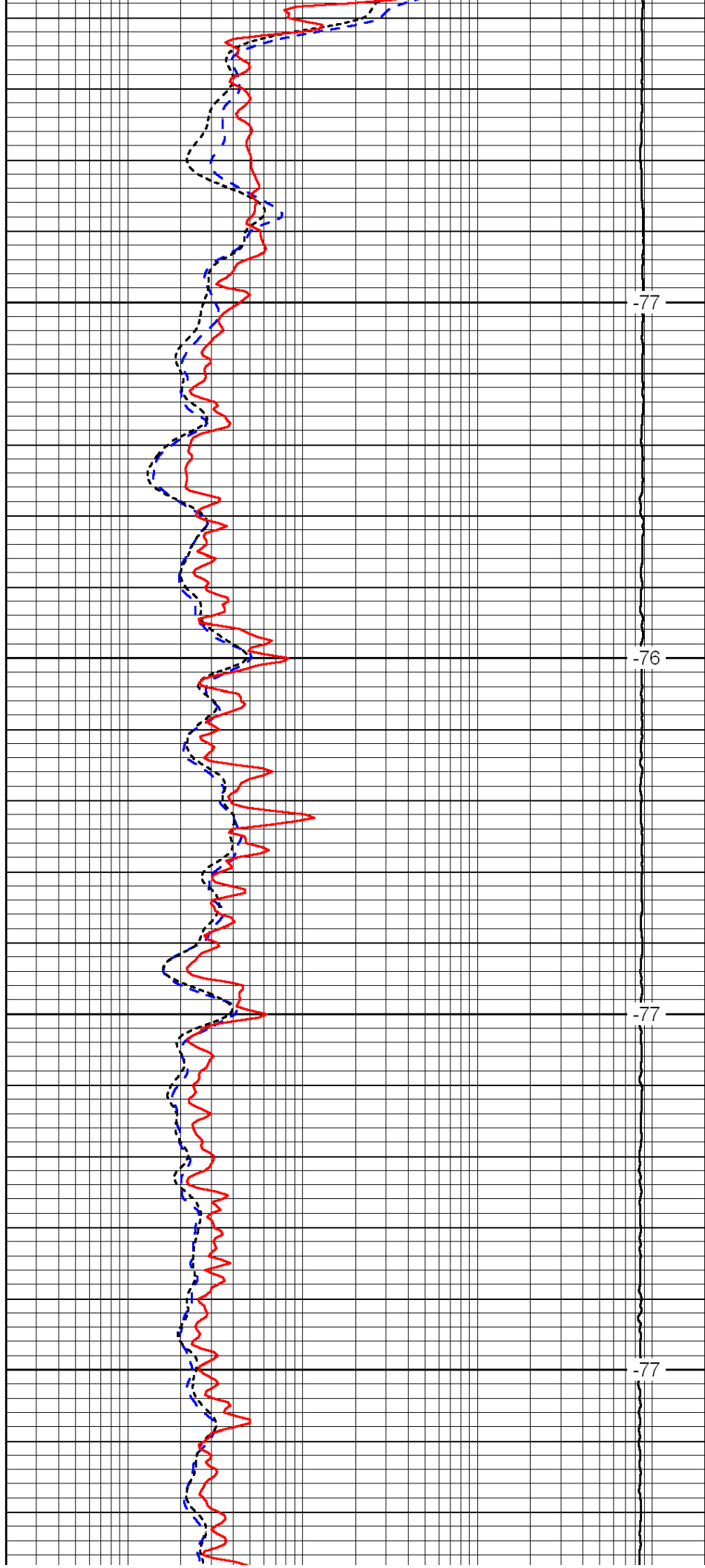


1800

1850

1900

1950

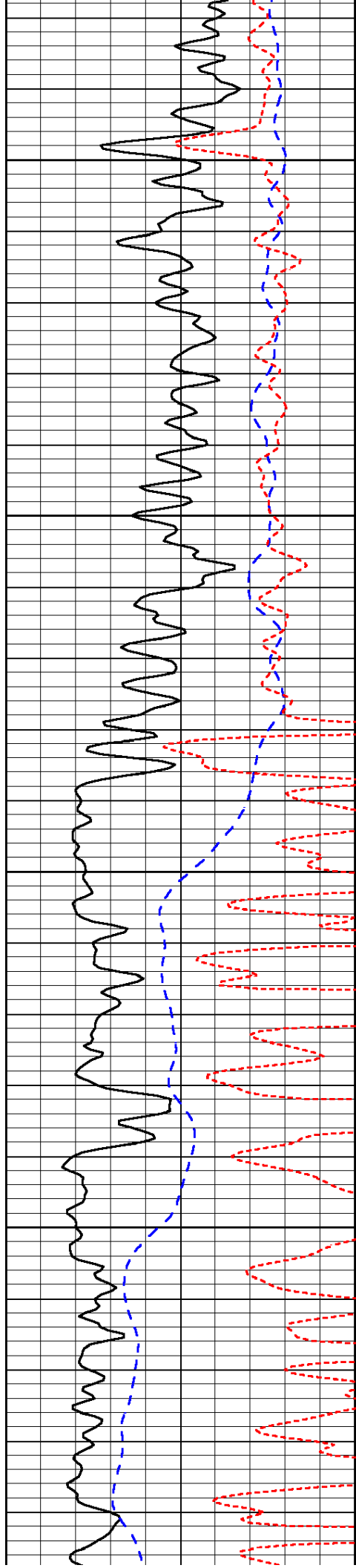


-77

-76

-77

-77

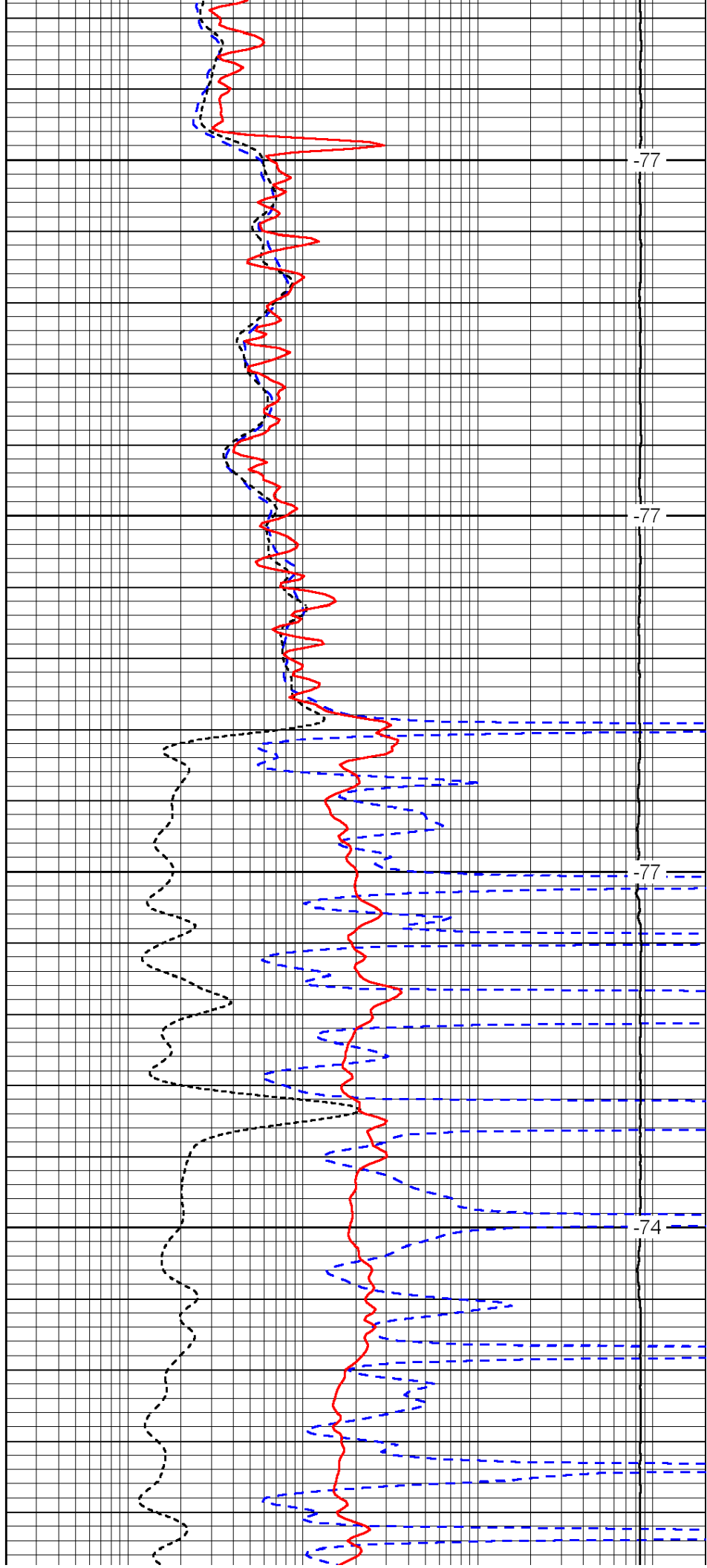


2000

2050

2100

2150

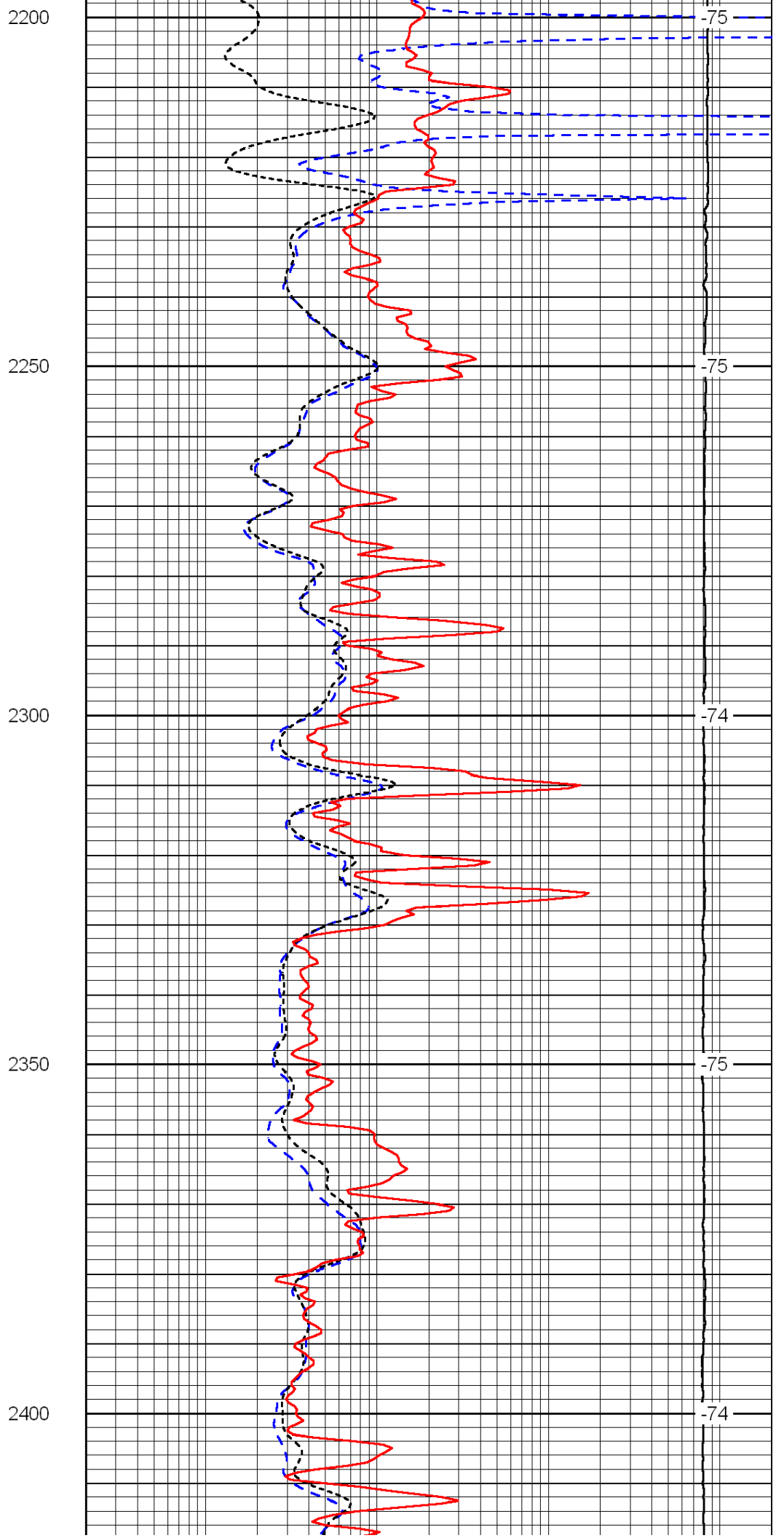
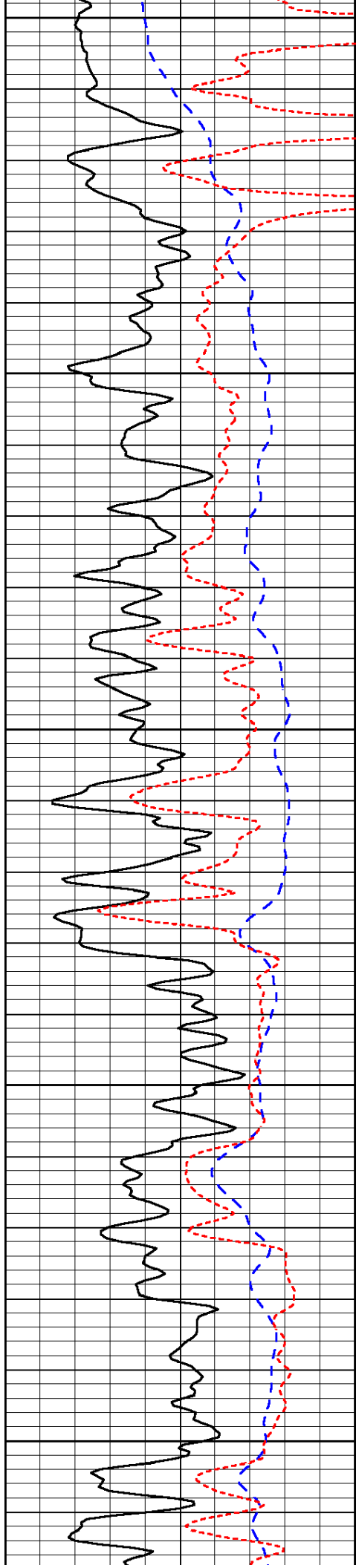


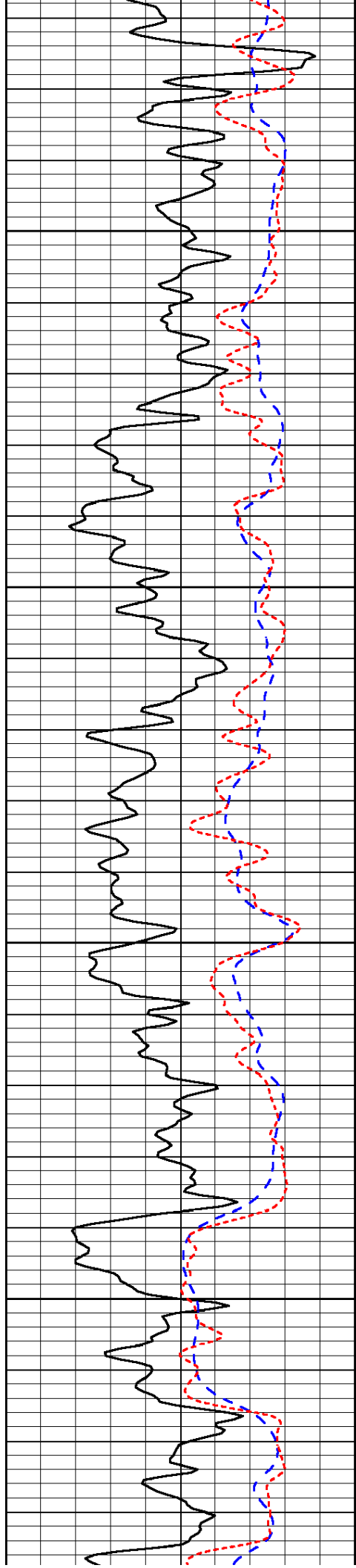
-77

-77

-77

-74



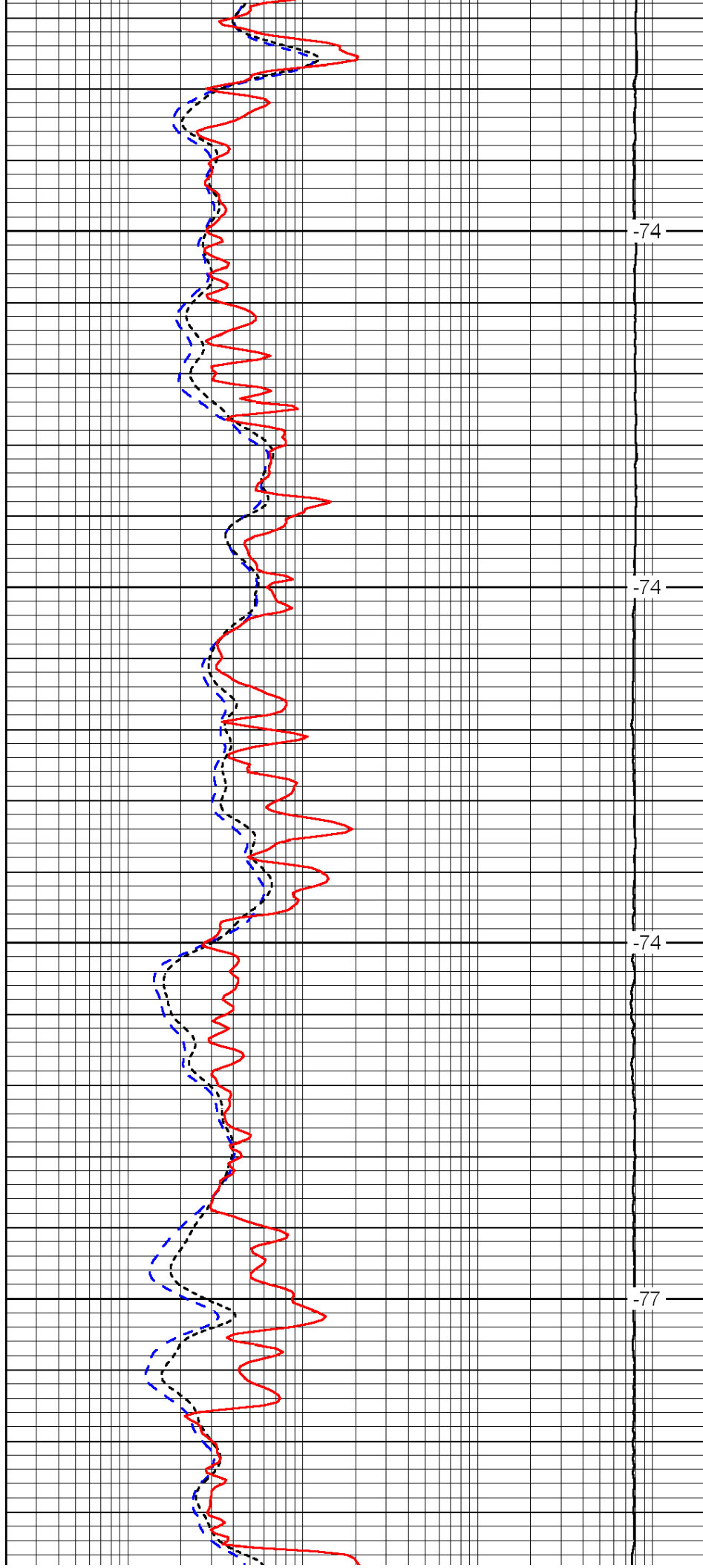


2450

2500

2550

2600

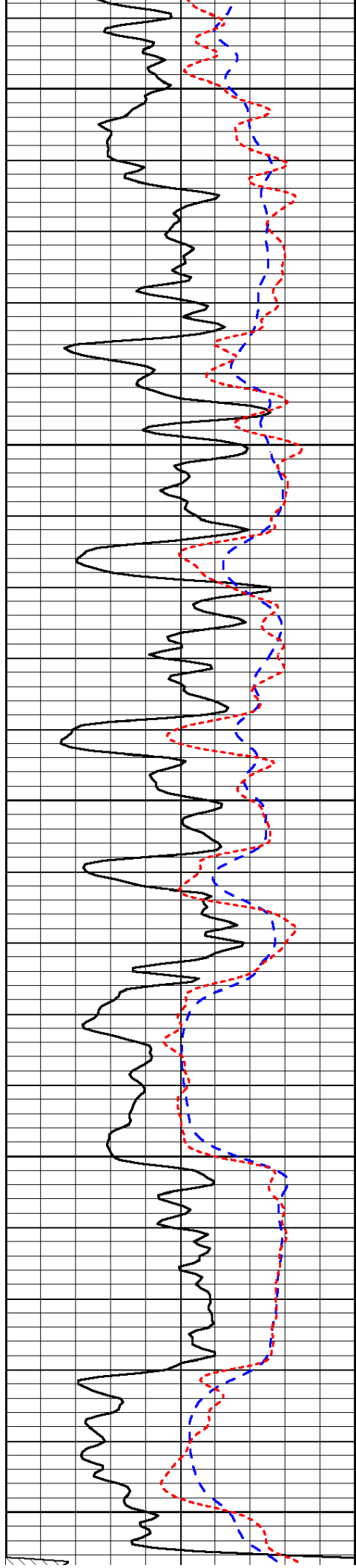


-74

-74

-74

-77



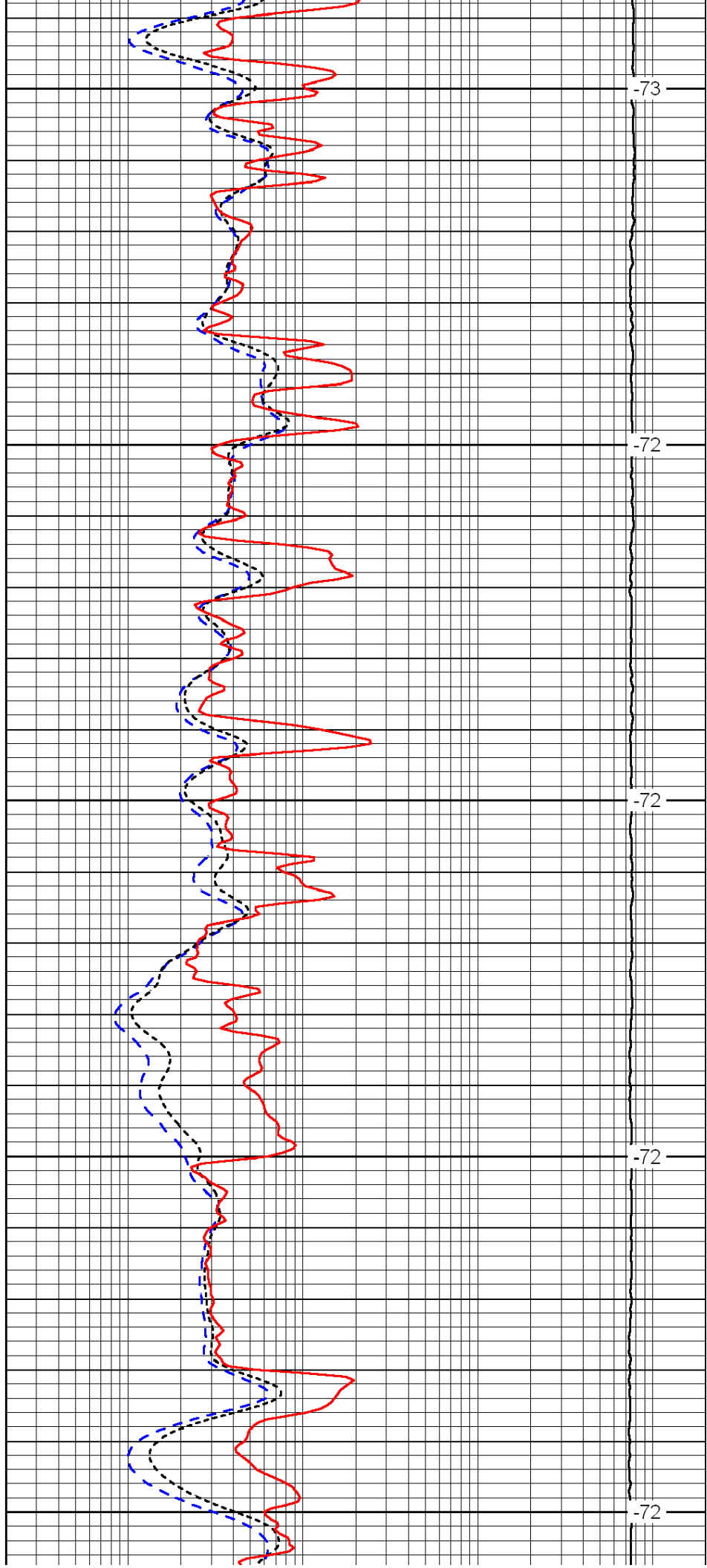
2650

2700

2750

2800

2850



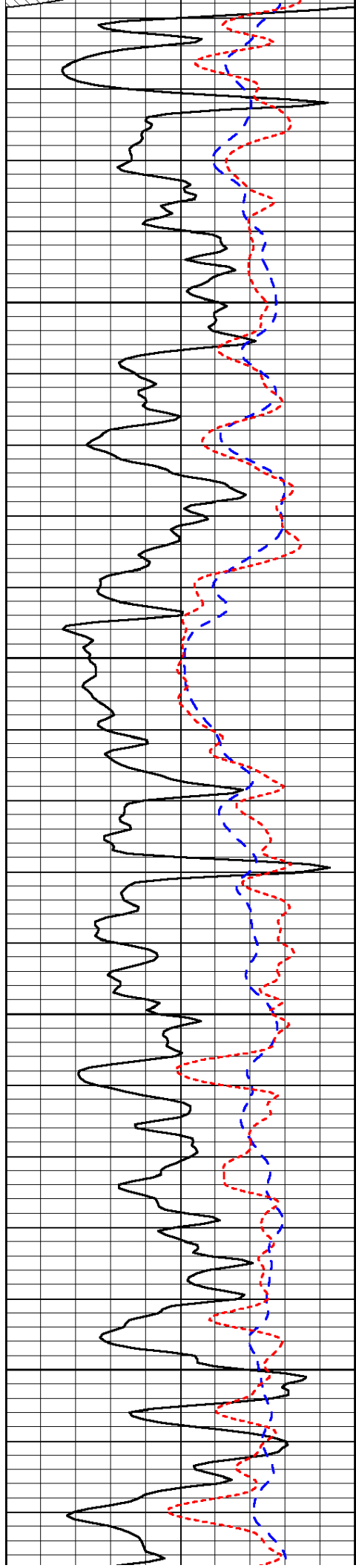
-73

-72

-72

-72

-72

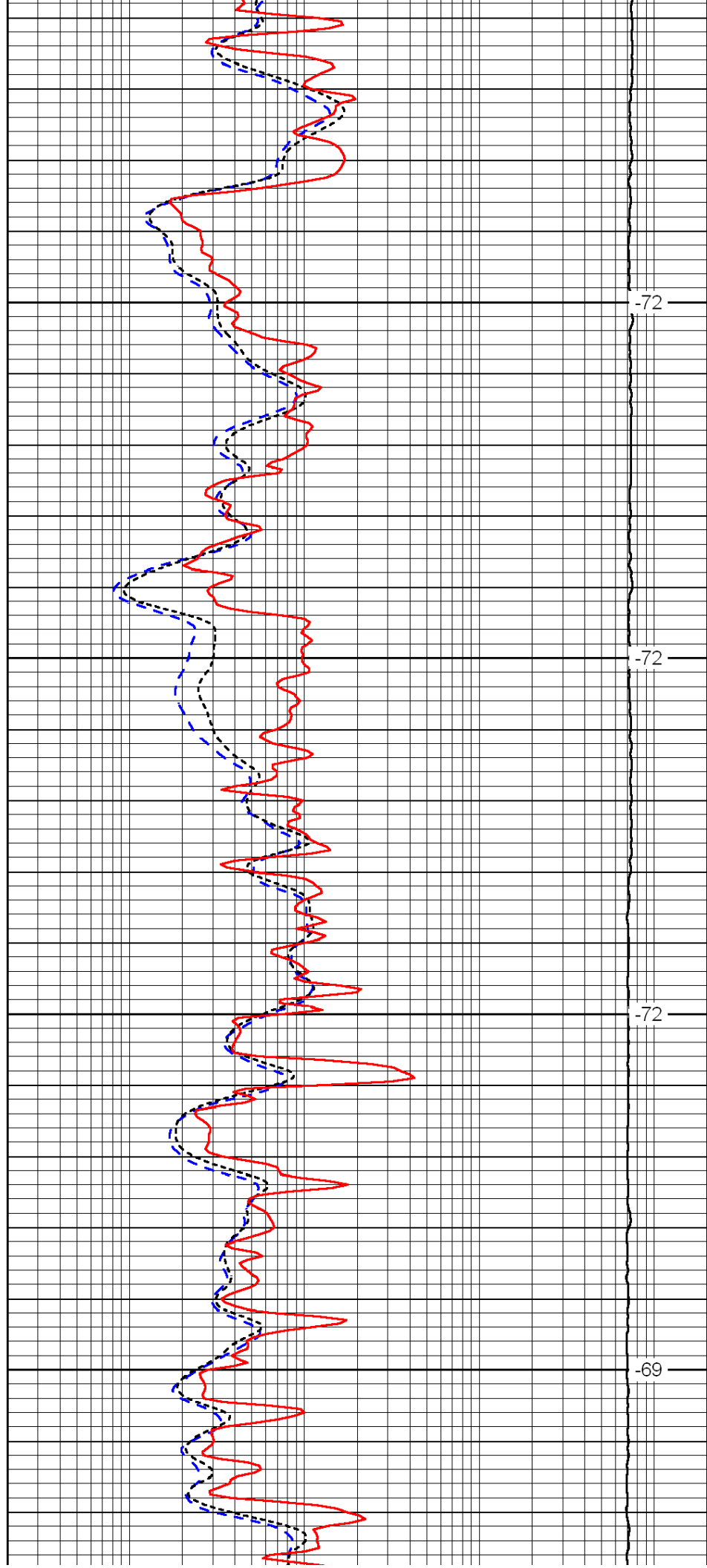


2900

2950

3000

3050

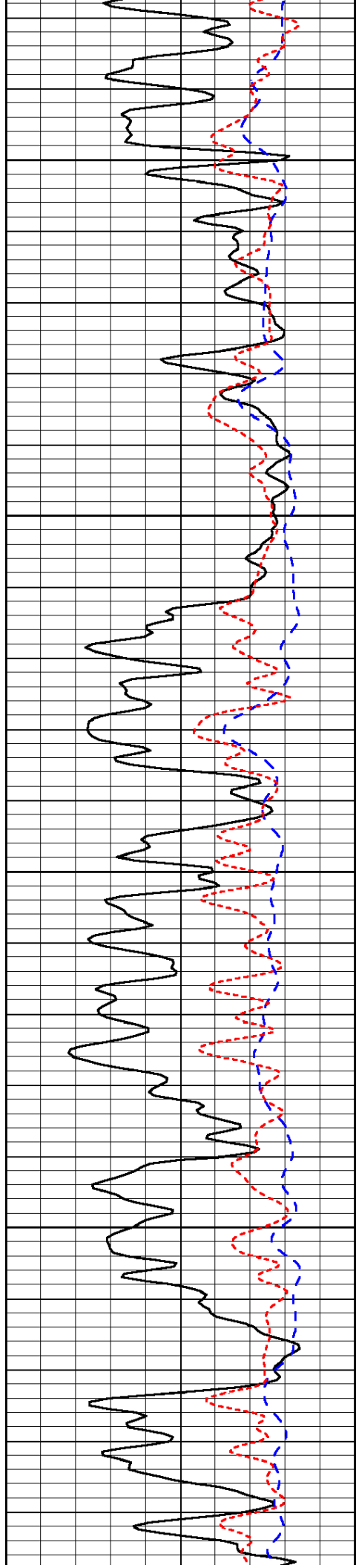


-72

-72

-72

-69

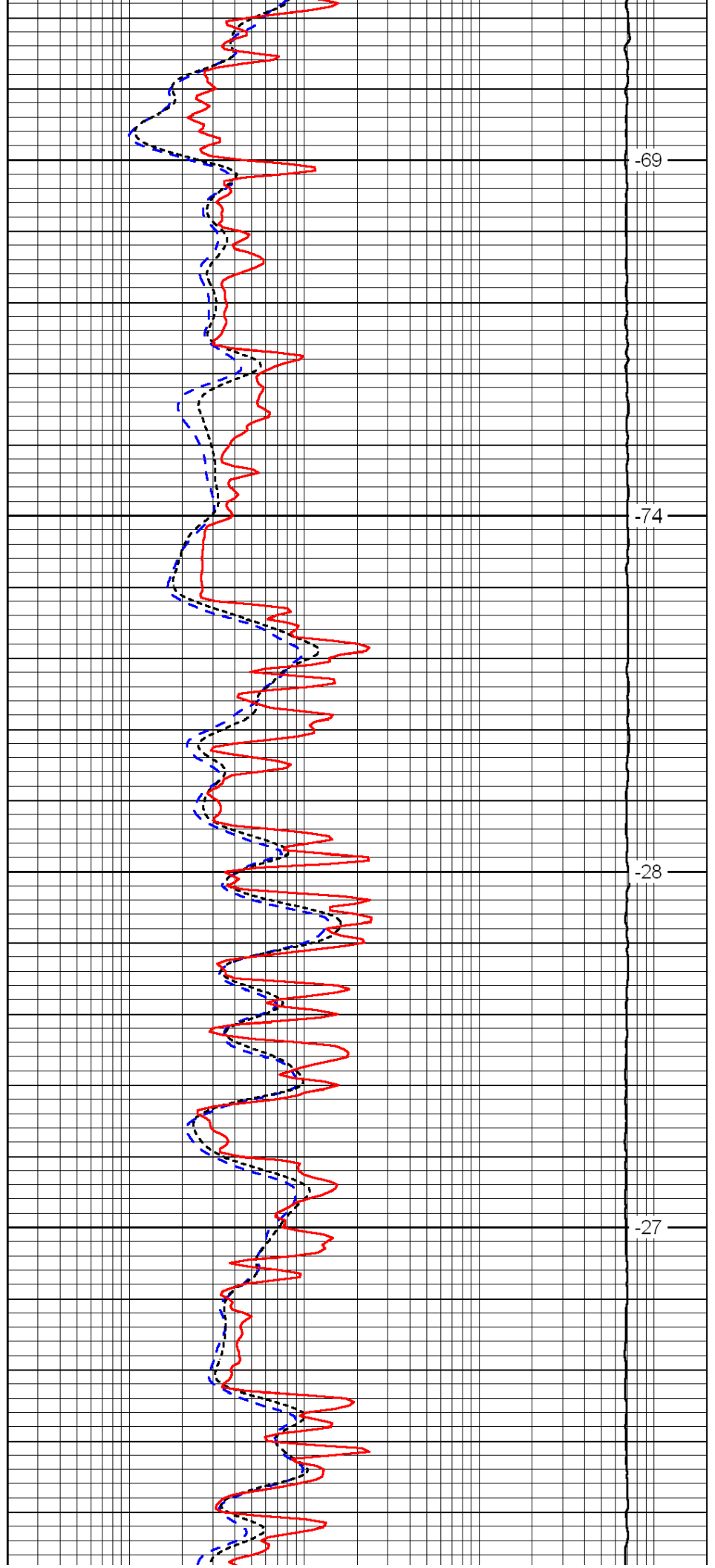


3100

3150

3200

3250

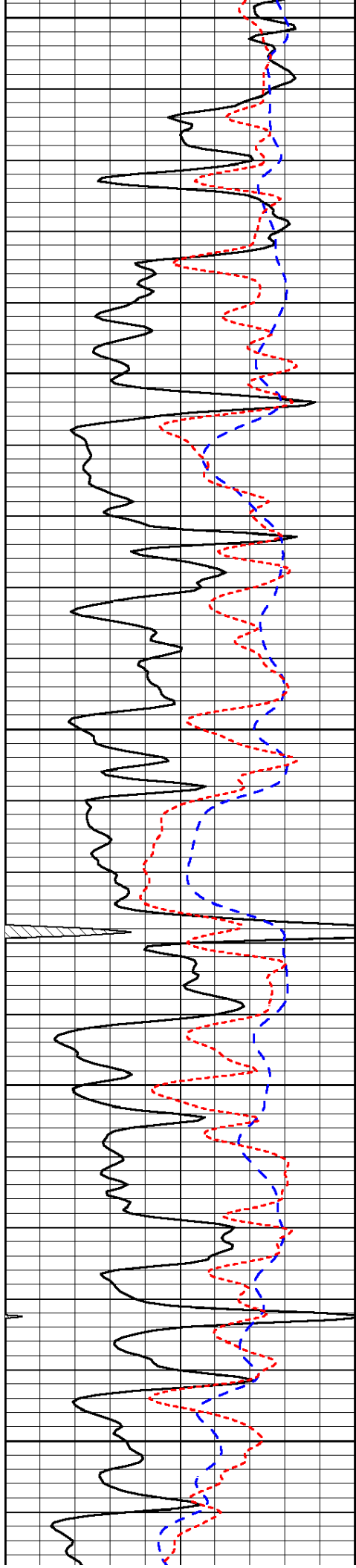


-69

-74

-28

-27



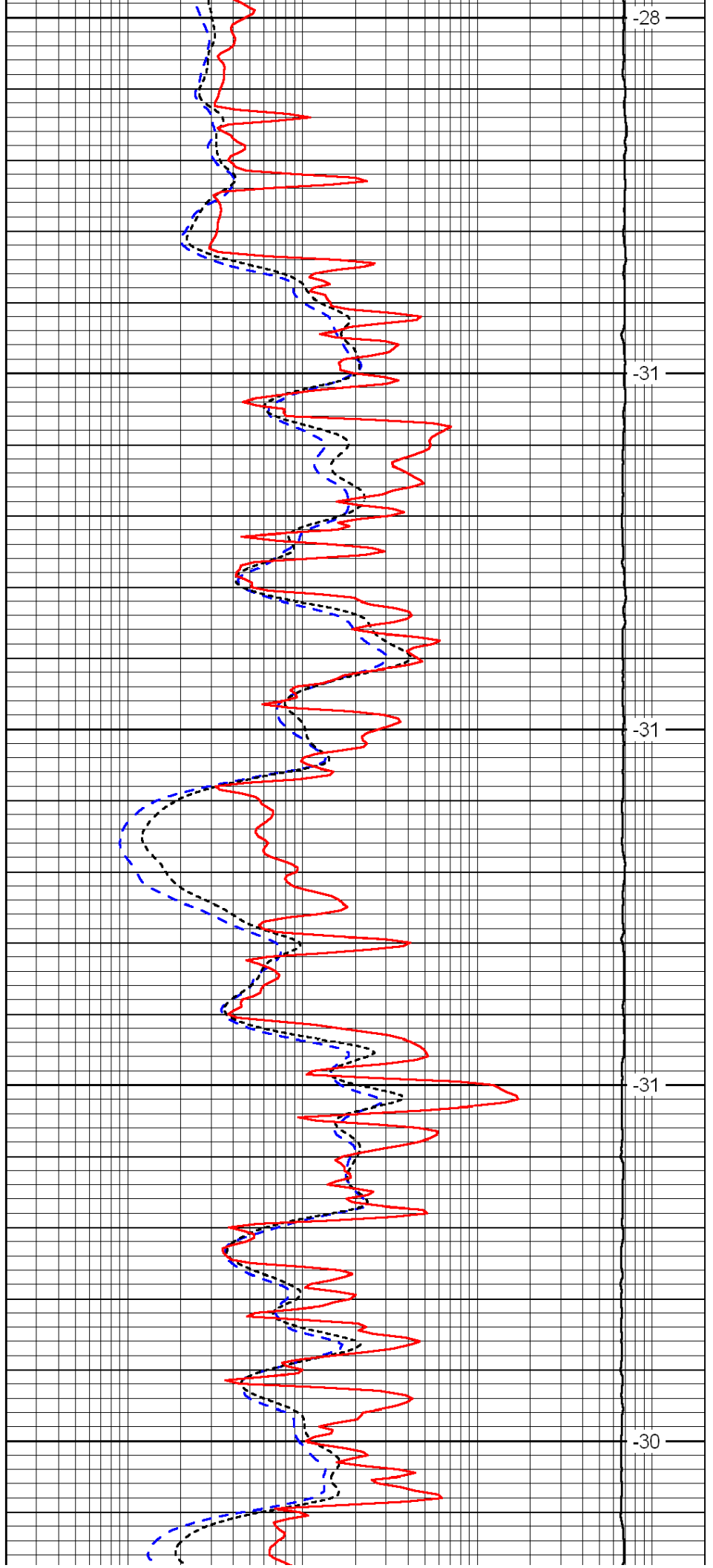
3300

3350

3400

3450

3500



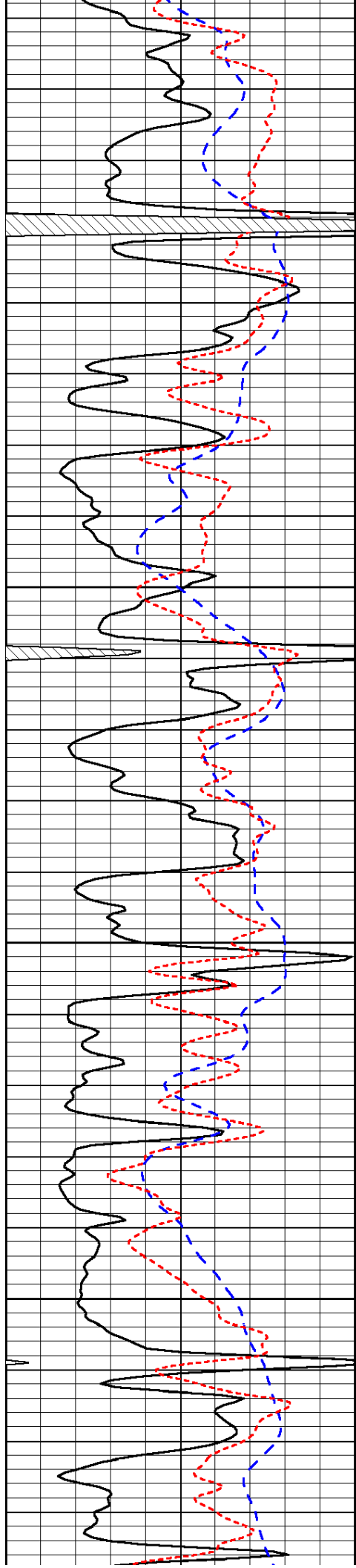
-28

-31

-31

-31

-30

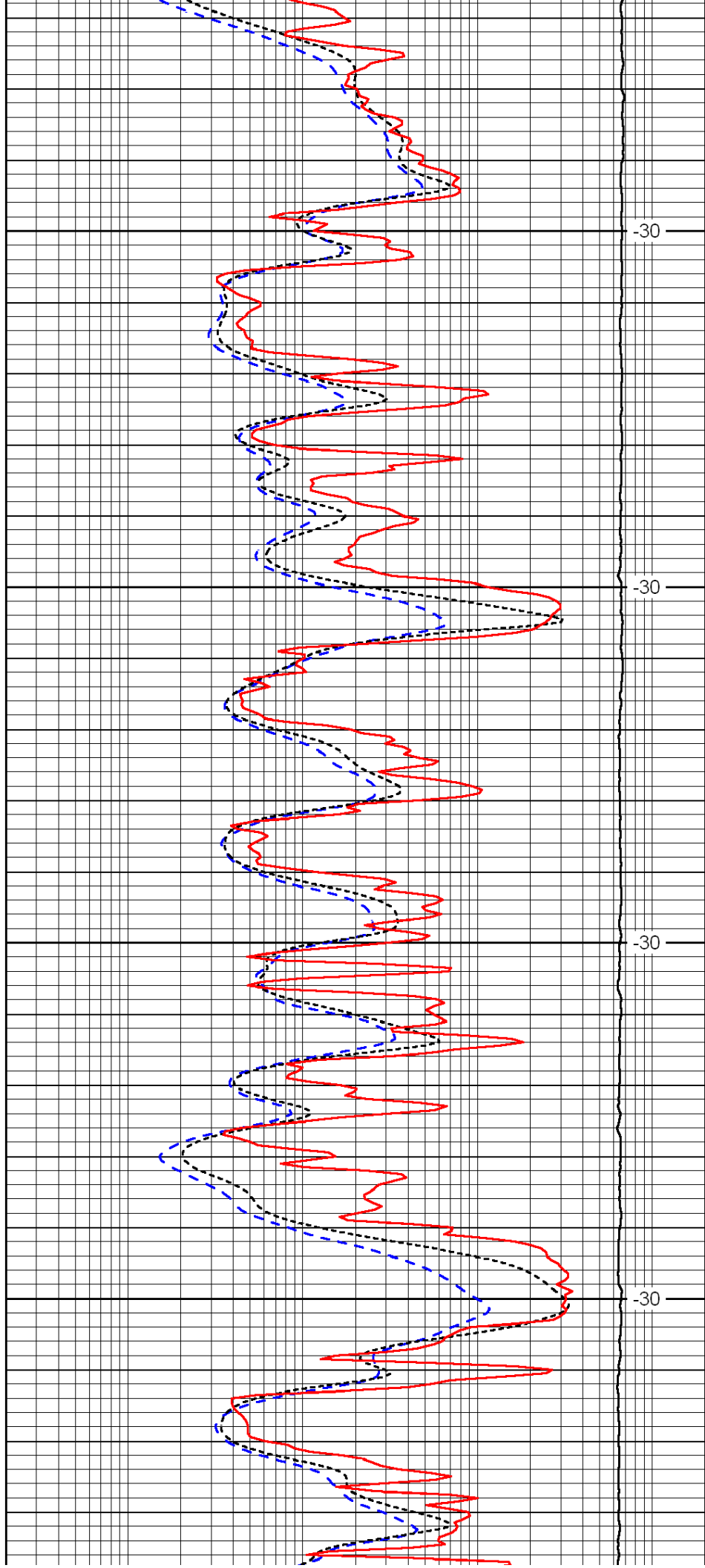


3550

3600

3650

3700

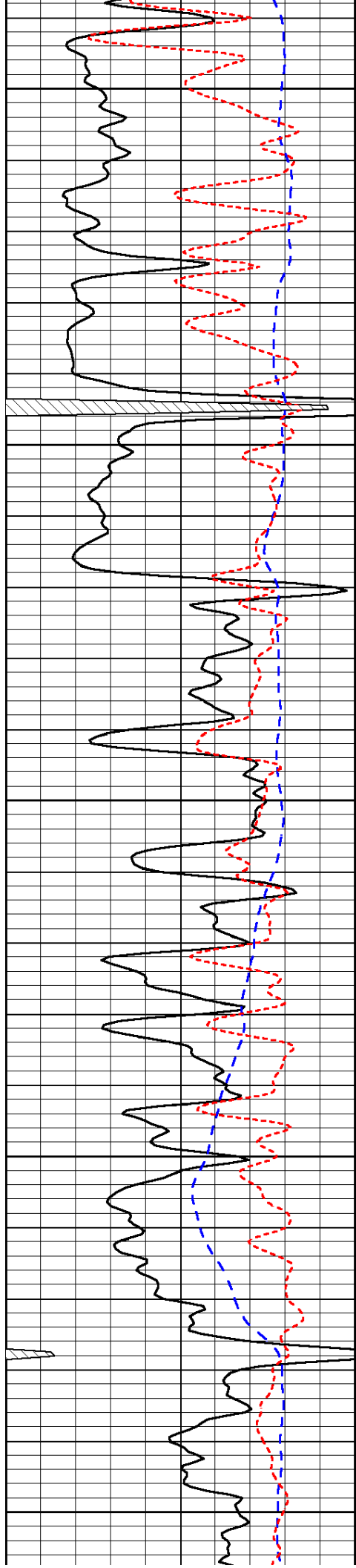


-30

-30

-30

-30



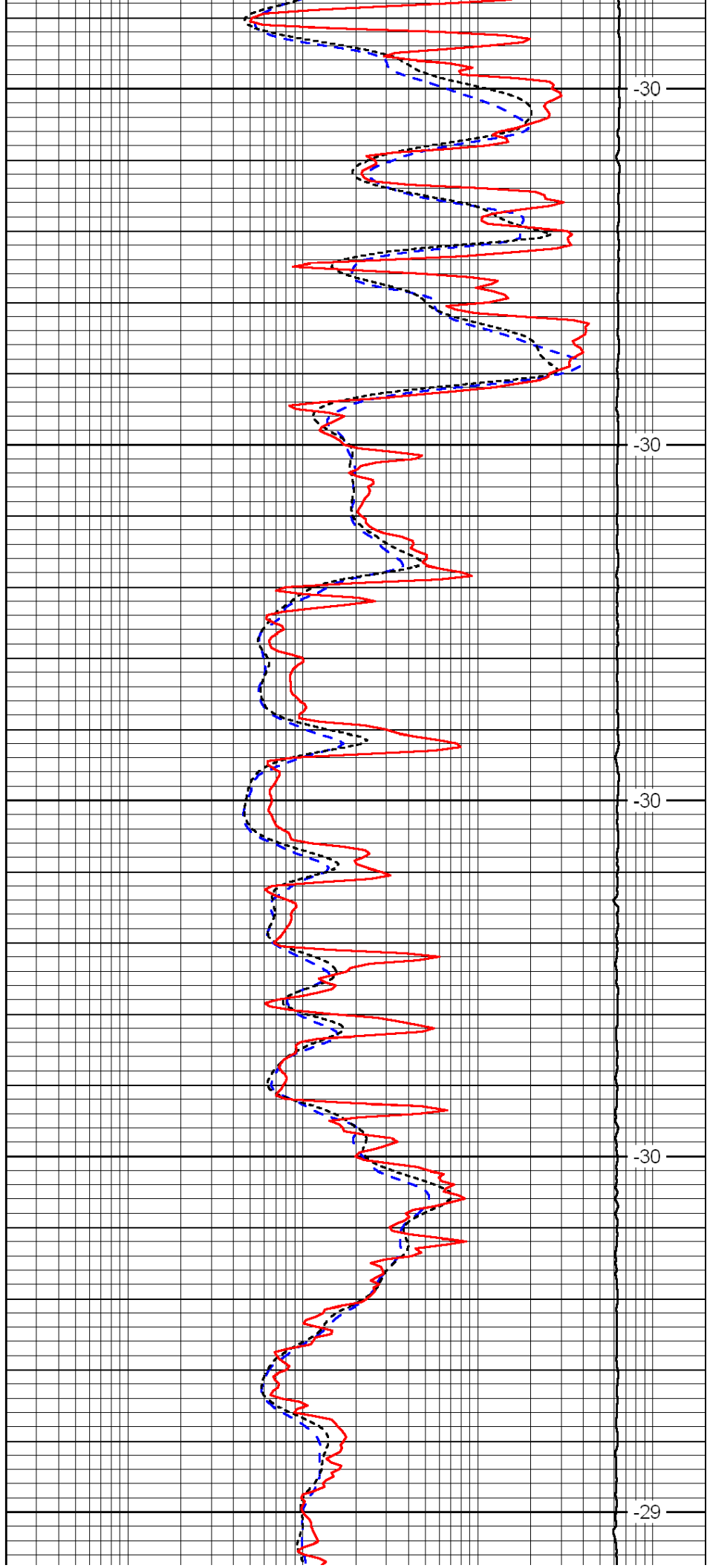
3750

3800

3850

3900

3950



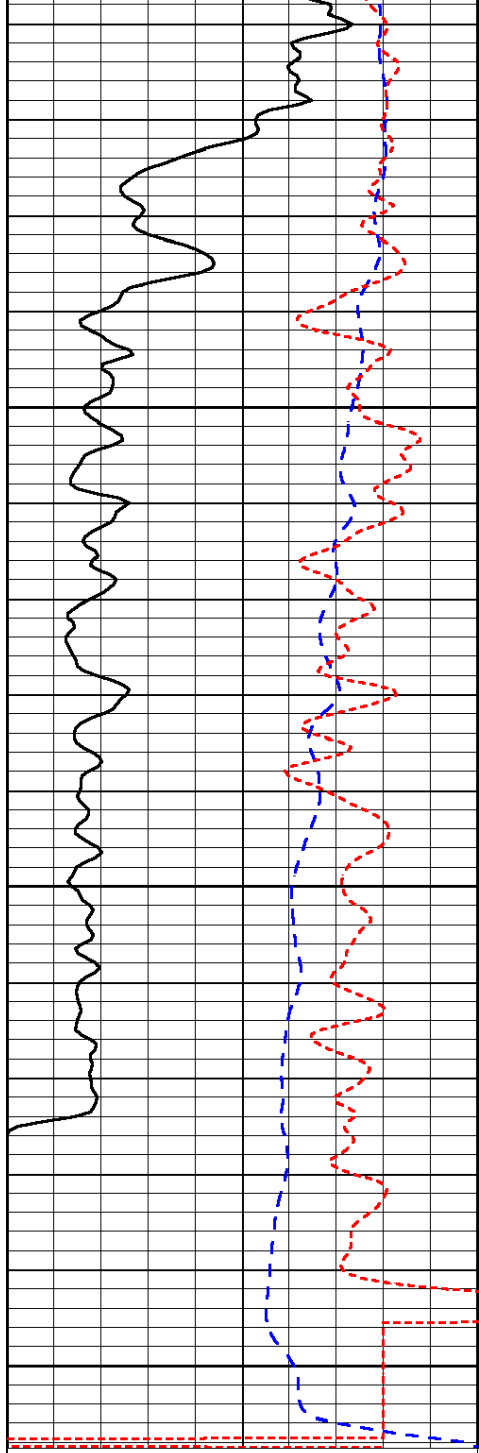
-30

-30

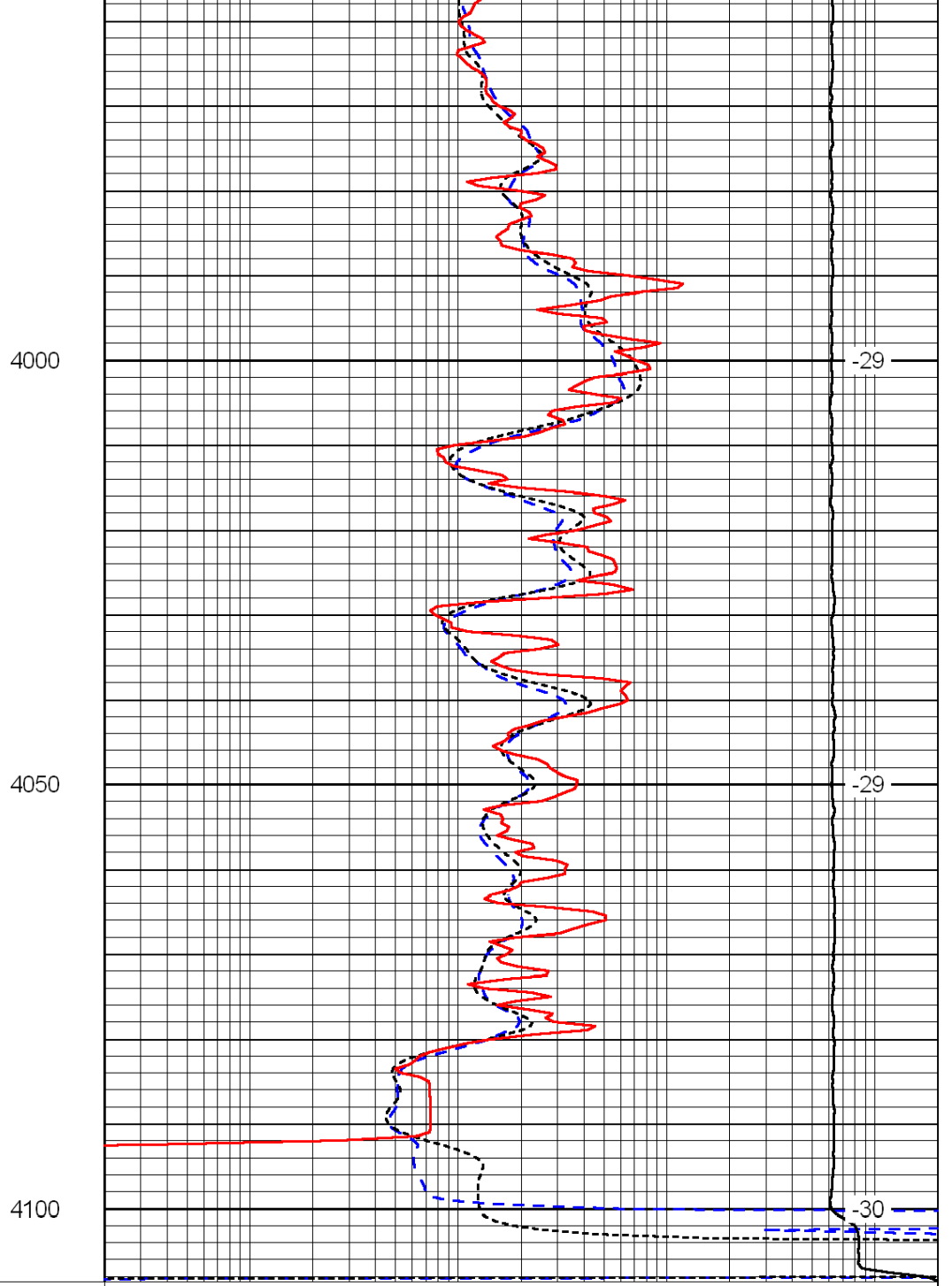
-30

-30

-29



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

LSPD