

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-193-20,759-00-00

Company **Murfin Drilling Co., Inc.**

Well **SS No. 1-16**

Field **Wildcat**

County **Thomas** State

Kansas

Location

1750' FSL & 1750' FWL

Sec: **16** Twp: **10 S** Rge: **34 W**

Other Services
CNL/CDL
MEL/BHCS

Elevation

Permanent Datum **Ground Level** Elevation **3242**
Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 3252
D.F.
G.L. 3242

Date **01/29/2009**

Run Number **One**

Depth Driller **4900**

Depth Logger **4904**

Bottom Logged Interval **4903**

Top Log Interval **0**

Casing Driller **8.625 @ 264**

Casing Logger **264**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **8.600**

Density / Viscosity **9.1 53**

pH / Fluid Loss **11.0 6.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **0.85 @ 55**

Rmf @ Meas. Temp **0.64 @ 55**

Rmc @ Meas. Temp **1.15 @ 55**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.37 @ 127**

Operating Rig Time **5 Hours**

Max Rec. Temp. F **127**

Equipment Number **10**

Location **Hays**

Recorded By **J. Wellbrock**

Witnessed By **Tom Funk**

<<< 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

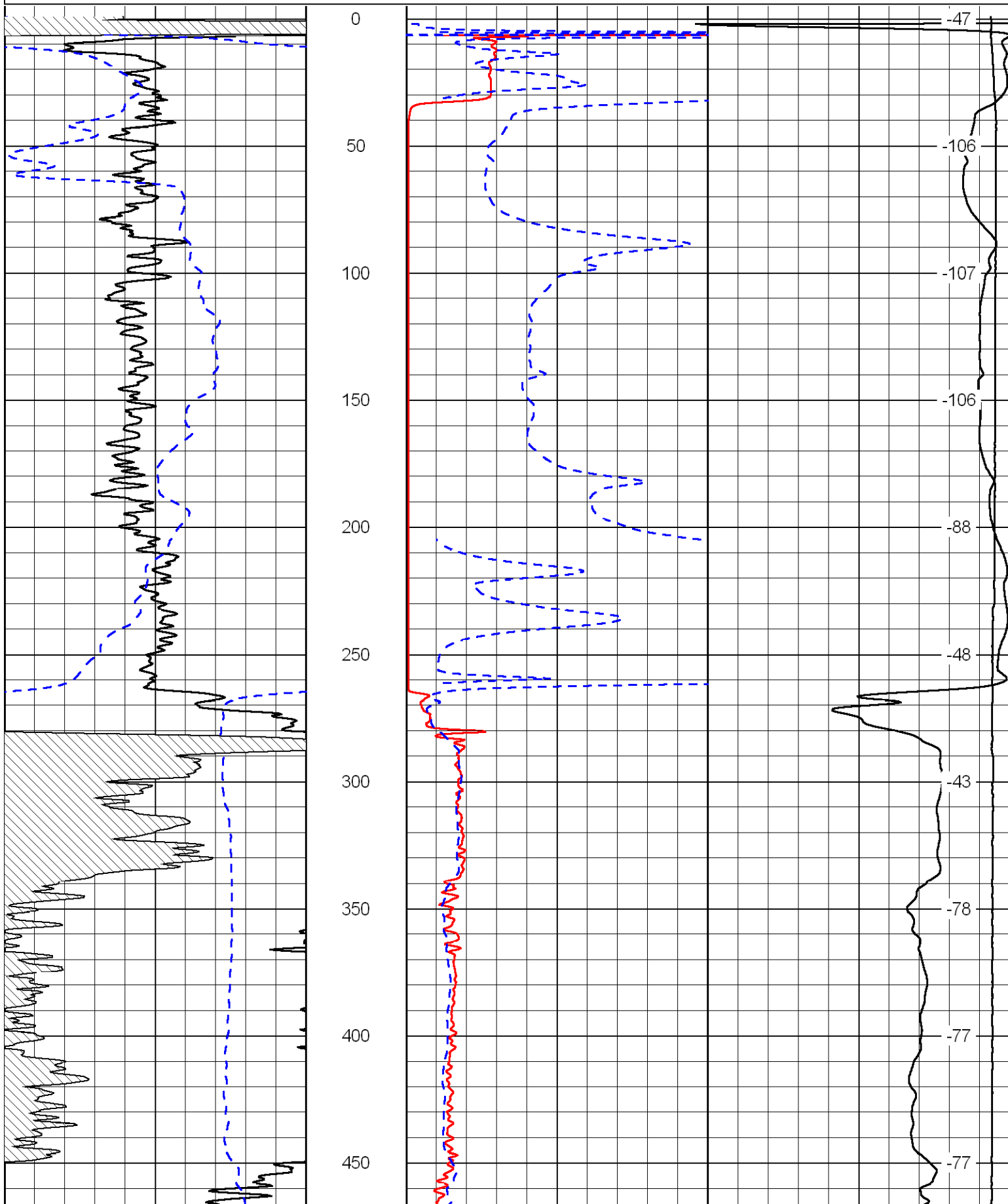
Thank you for using Log-Tech, Inc.
(785) 625-3858

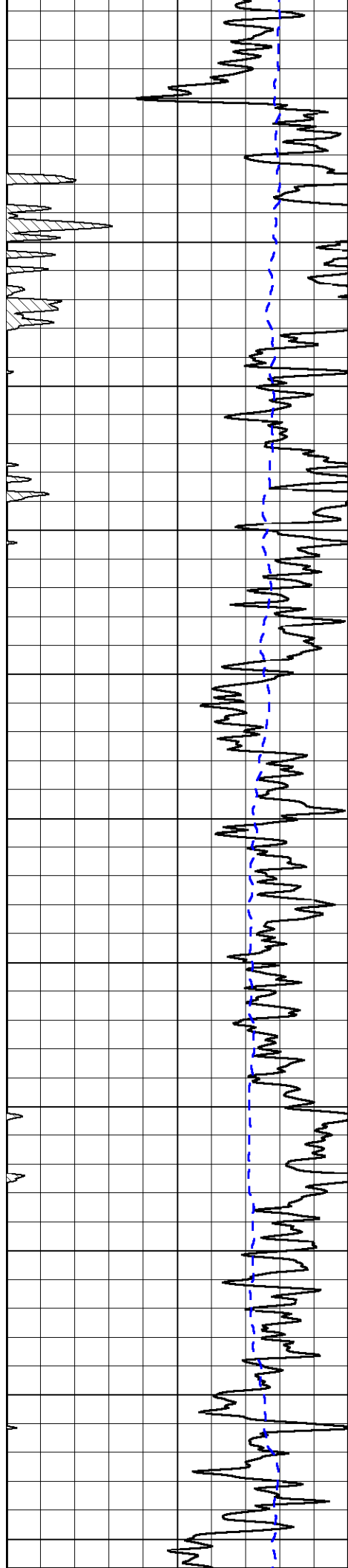
Colby, 13 S to D Rd, 4 W,
1/2 N, E Into

Database File: c:\warrior\data\murfin_ss no. 1-16\murfhd.db
Dataset Pathname: dil\murf2in
Presentation Format: dil2in
Dataset Creation: Thu Jan 29 12:30:47 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

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





500

550

600

650

700

750

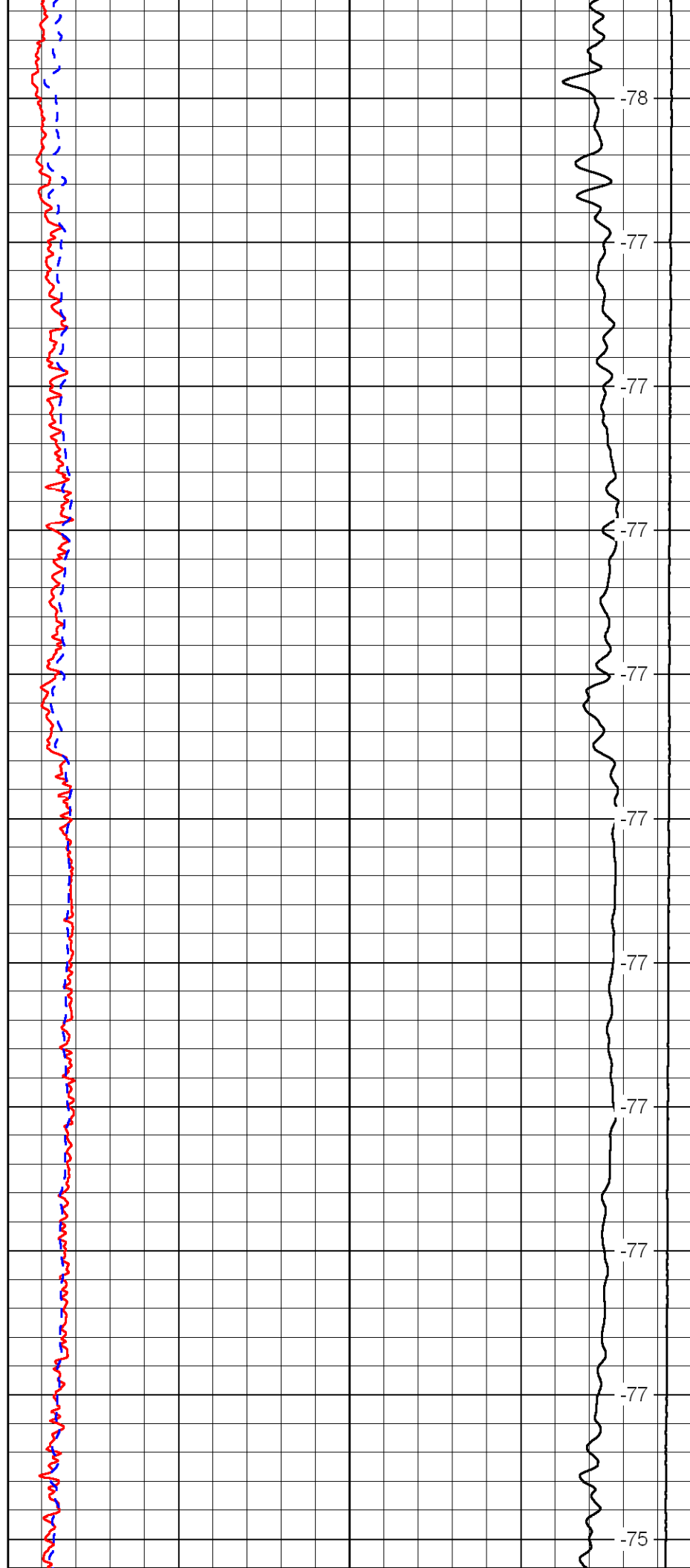
800

850

900

950

1000



-78

-77

-77

-77

-77

-77

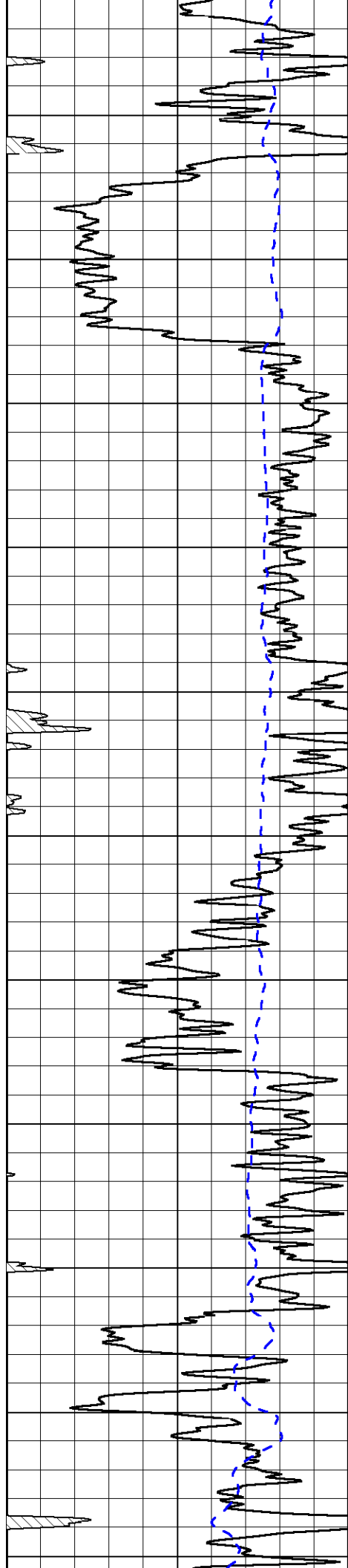
-77

-77

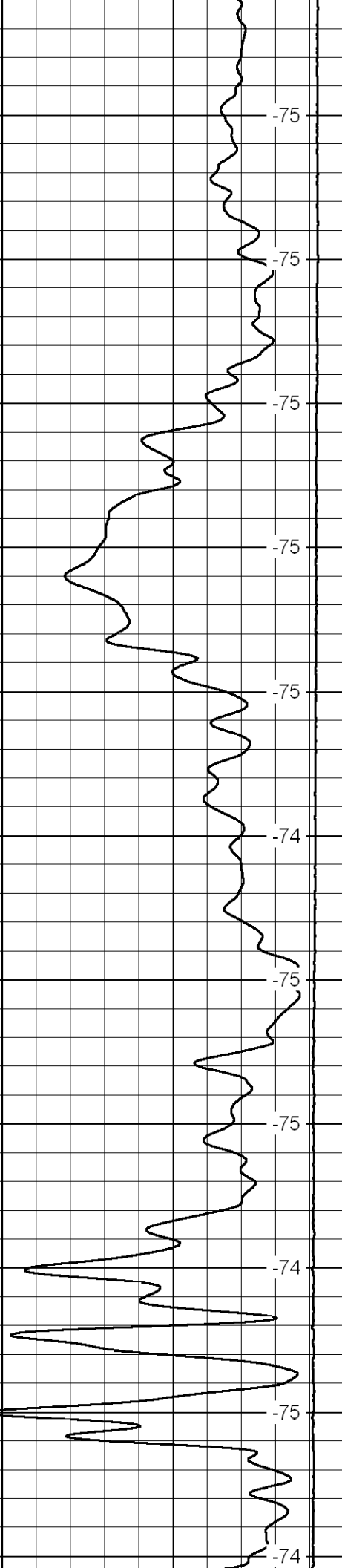
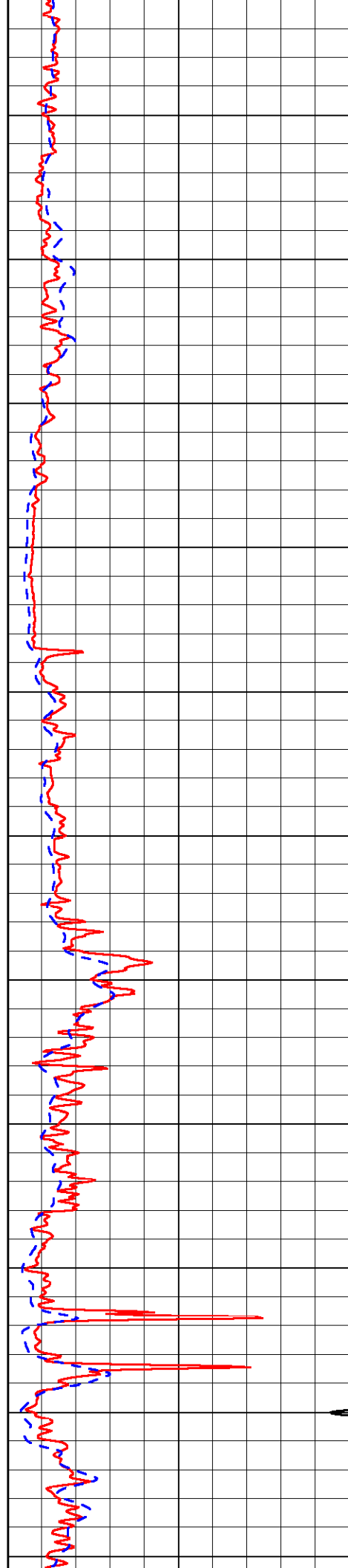
-77

-77

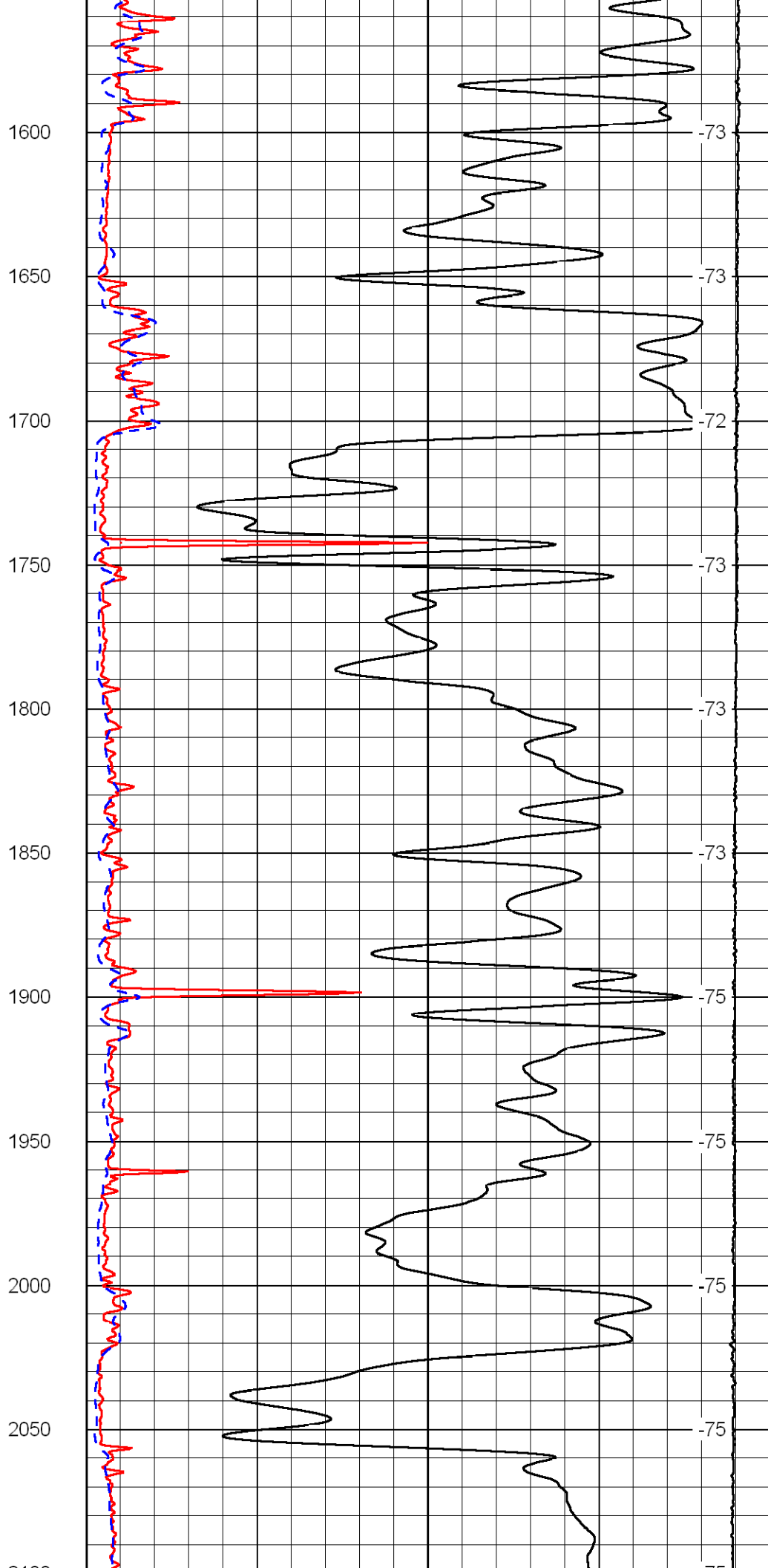
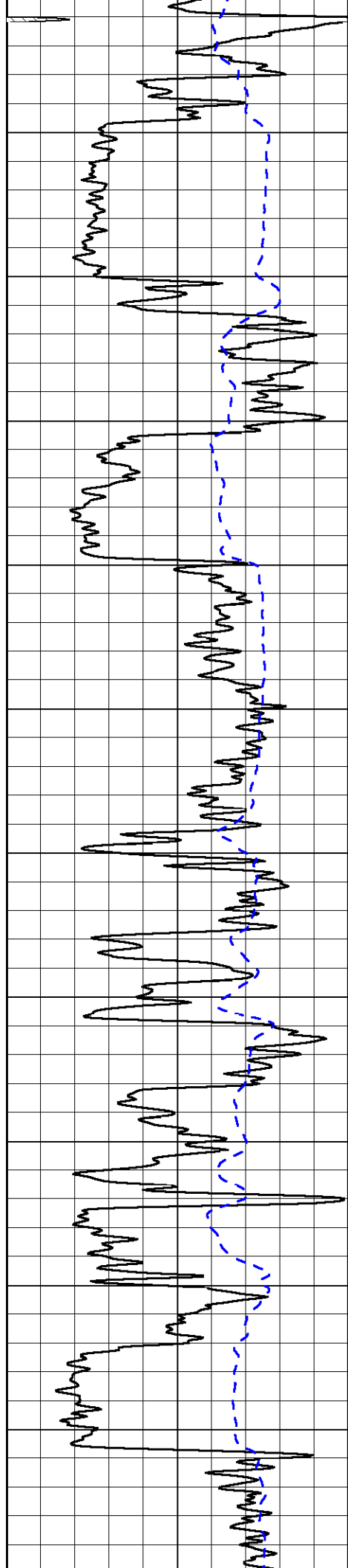
-75

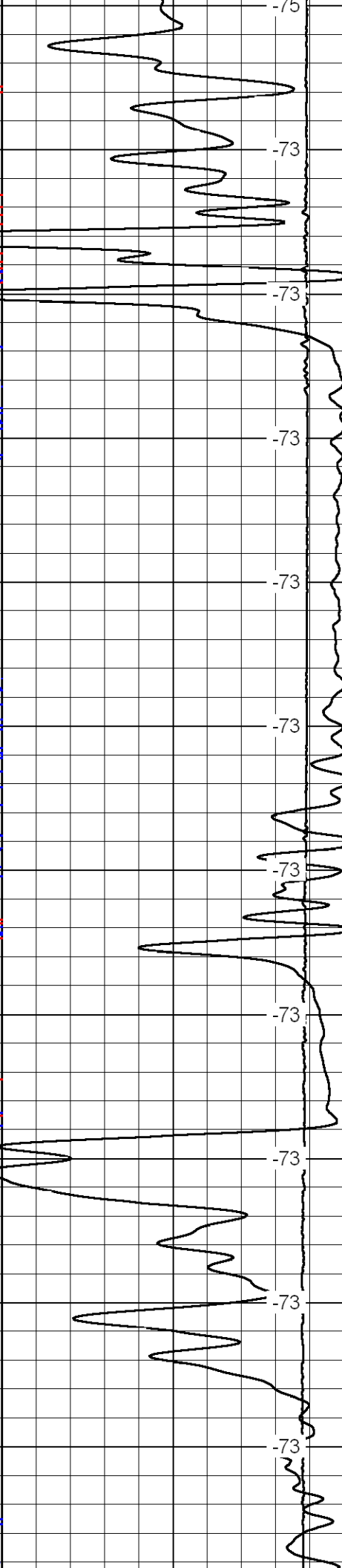
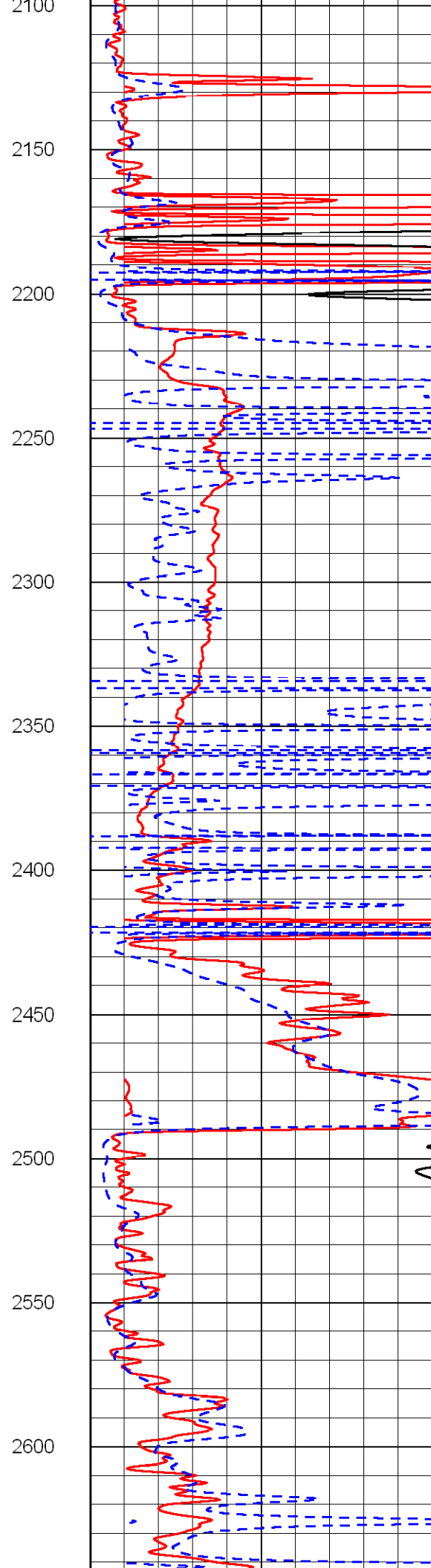
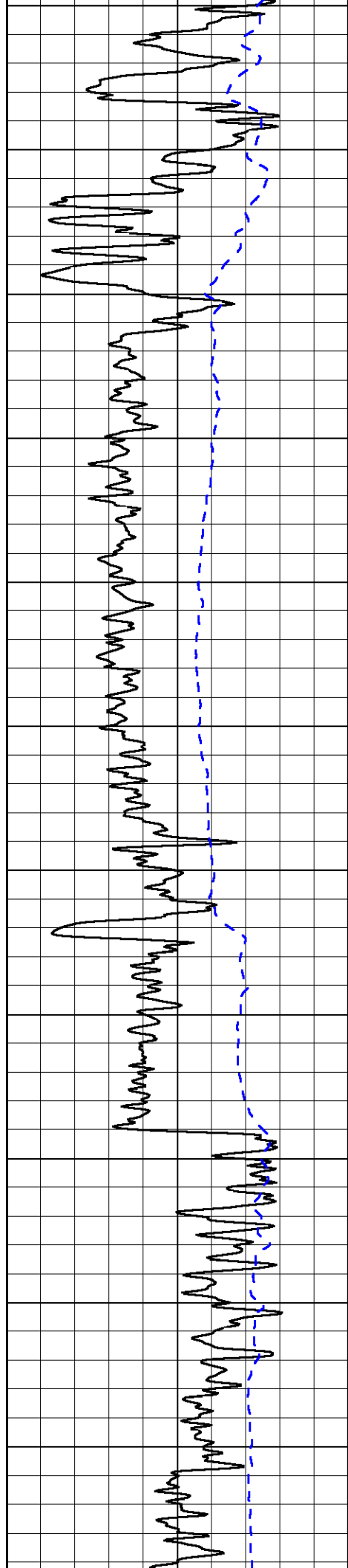


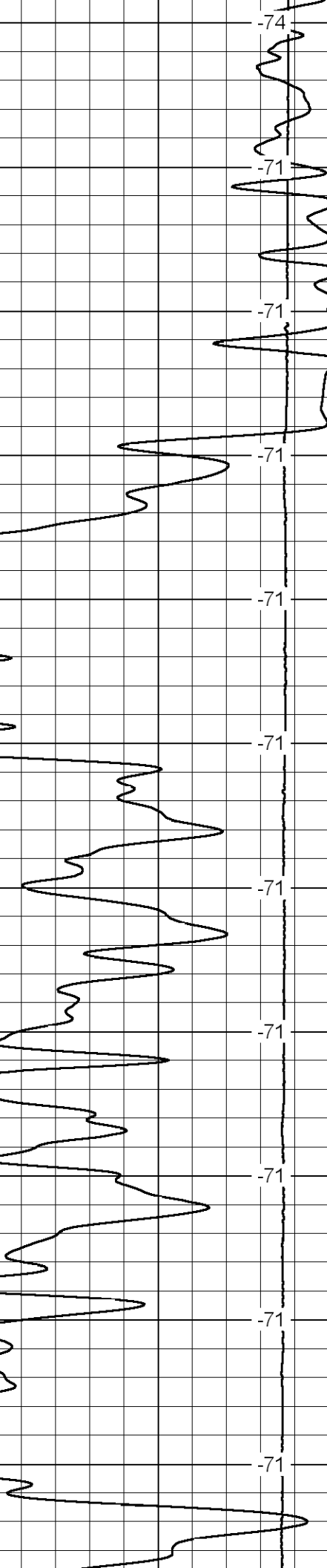
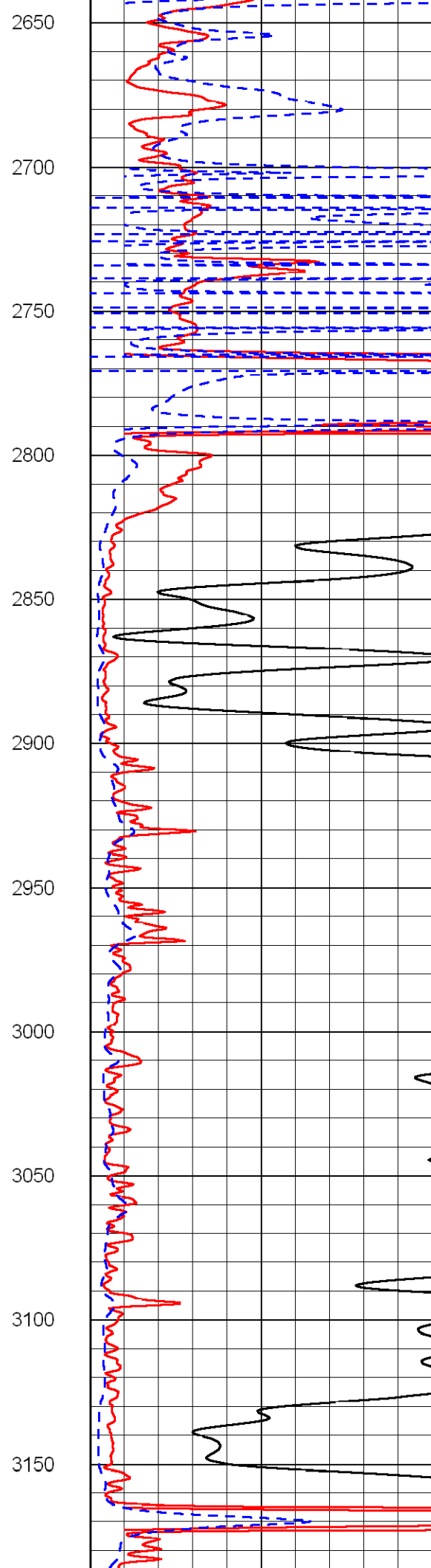
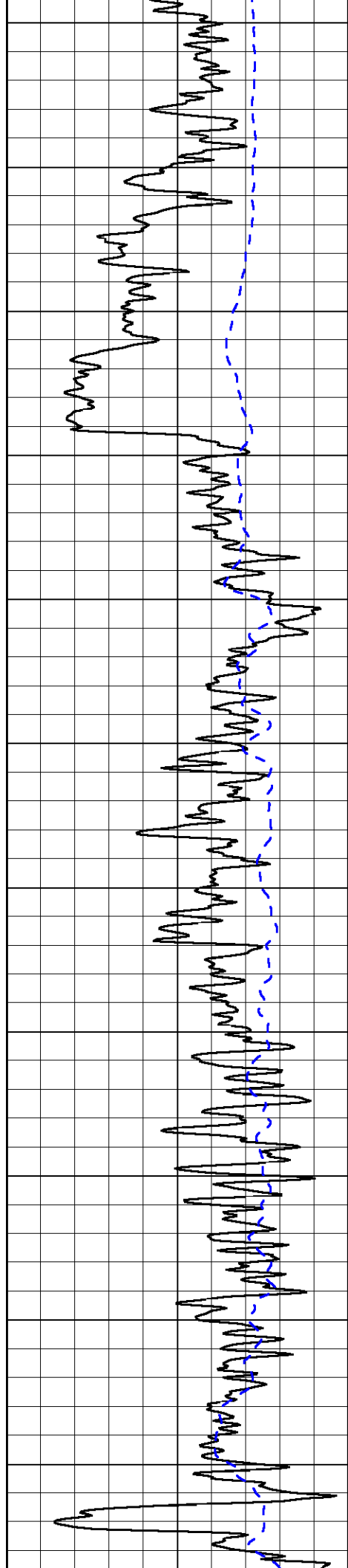
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550

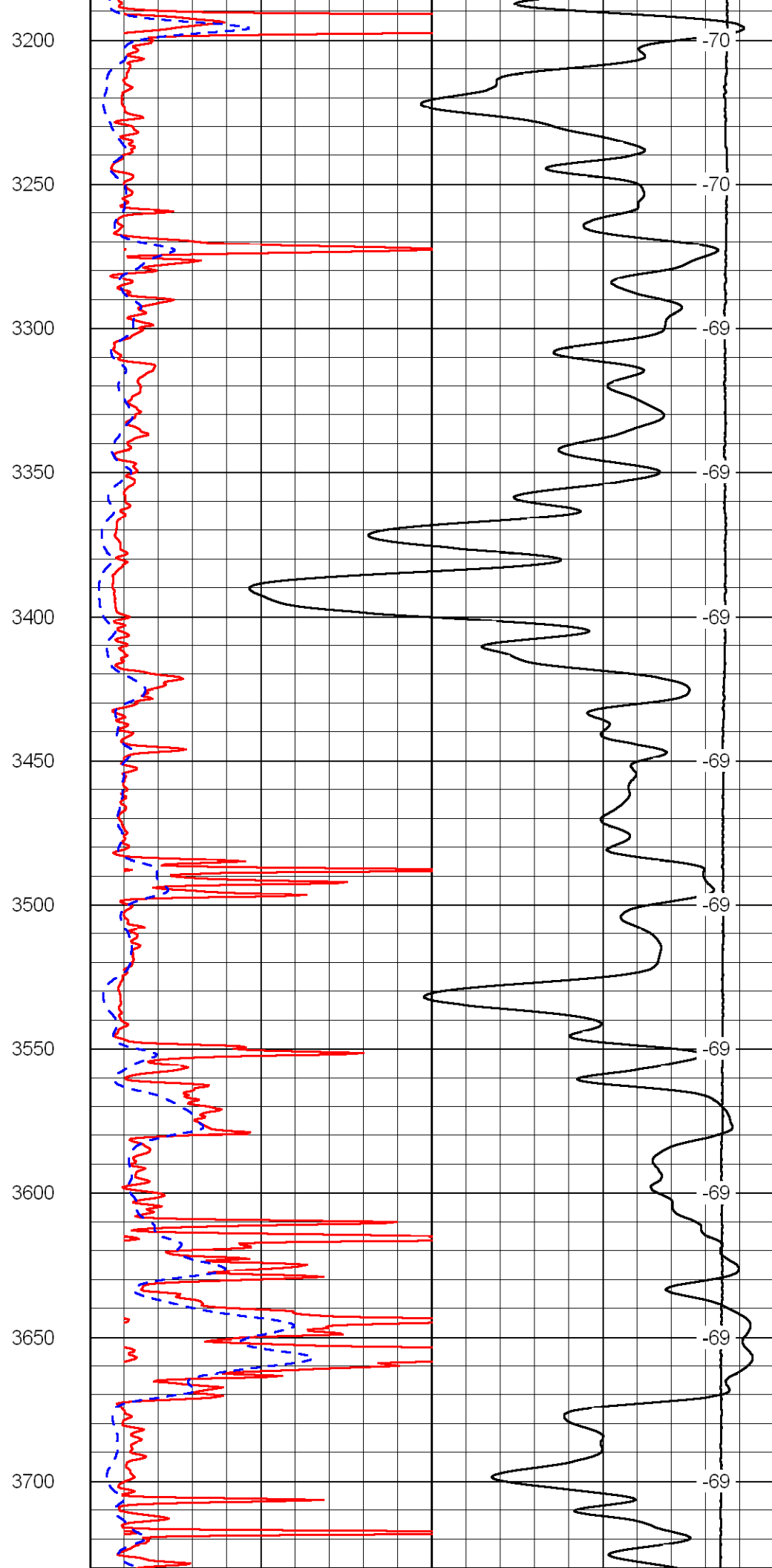
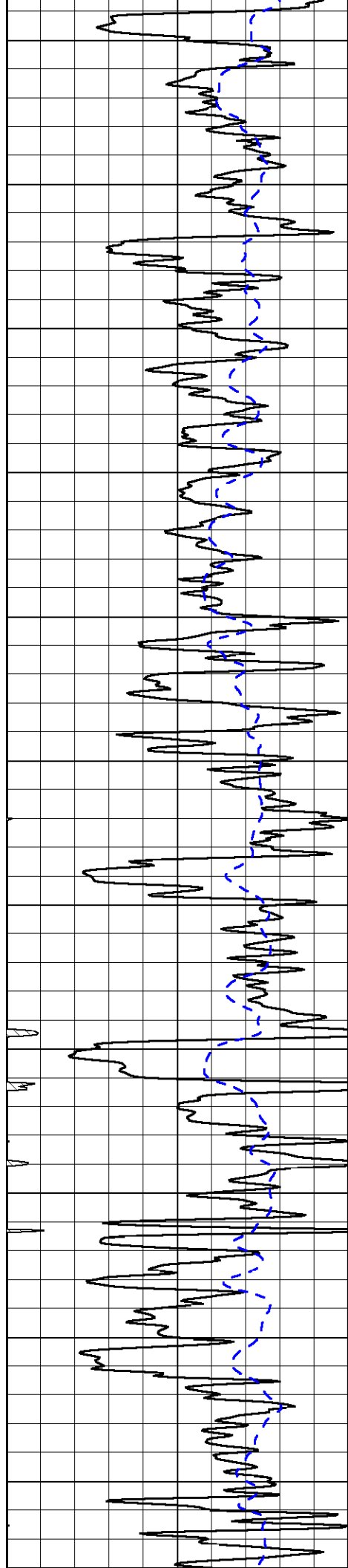


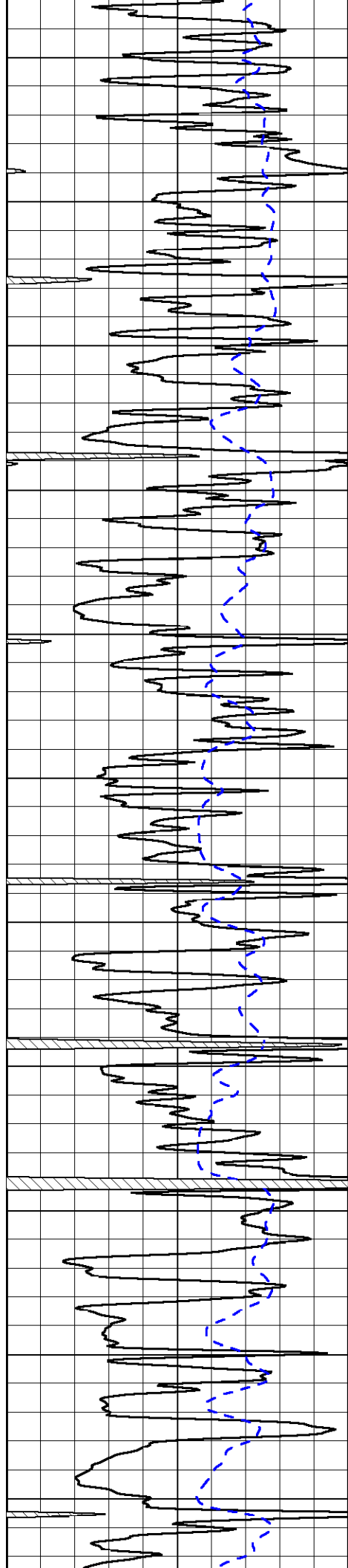
-75
-75
-75
-75
-75
-74
-75
-75
-74
-75
-75
-74











3750

3800

3850

3900

3950

4000

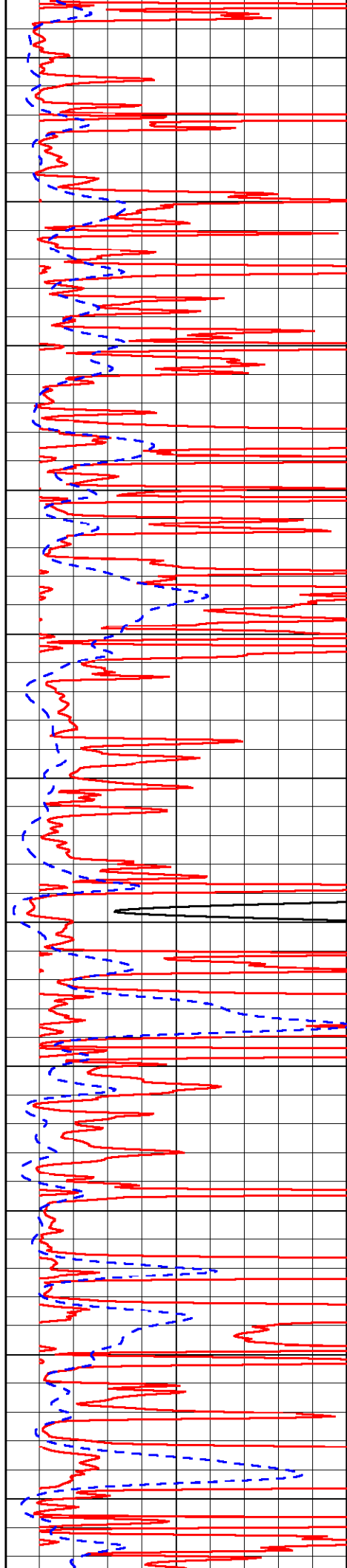
4050

4100

4150

4200

4250



-69

-33

-32

-33

-33

-33

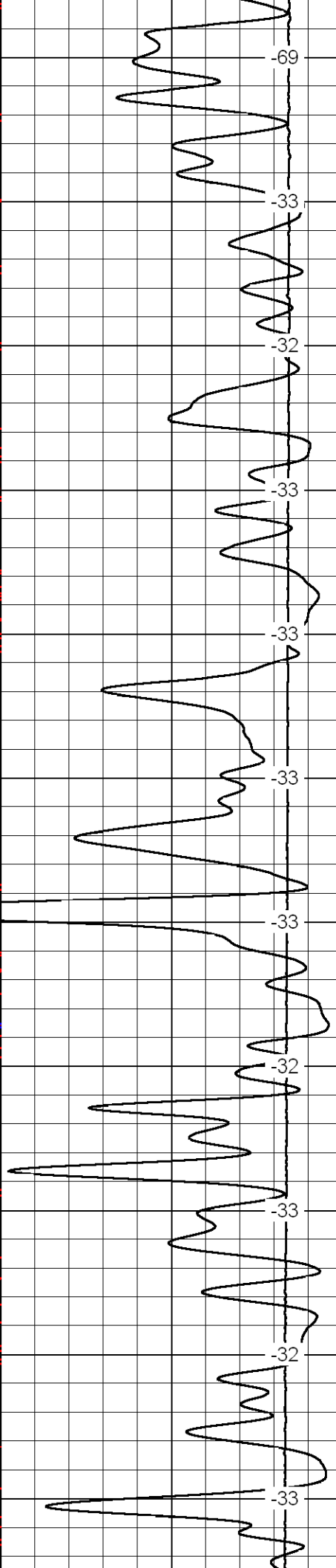
-33

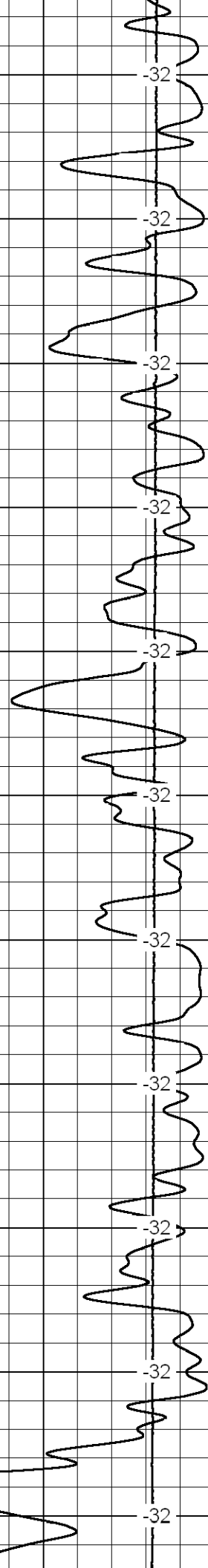
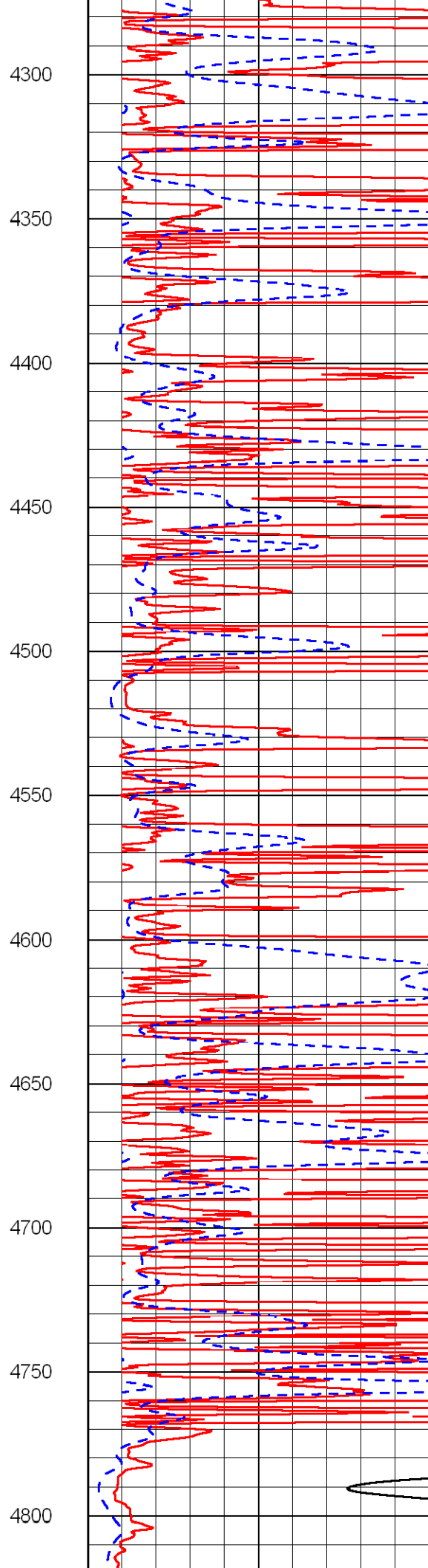
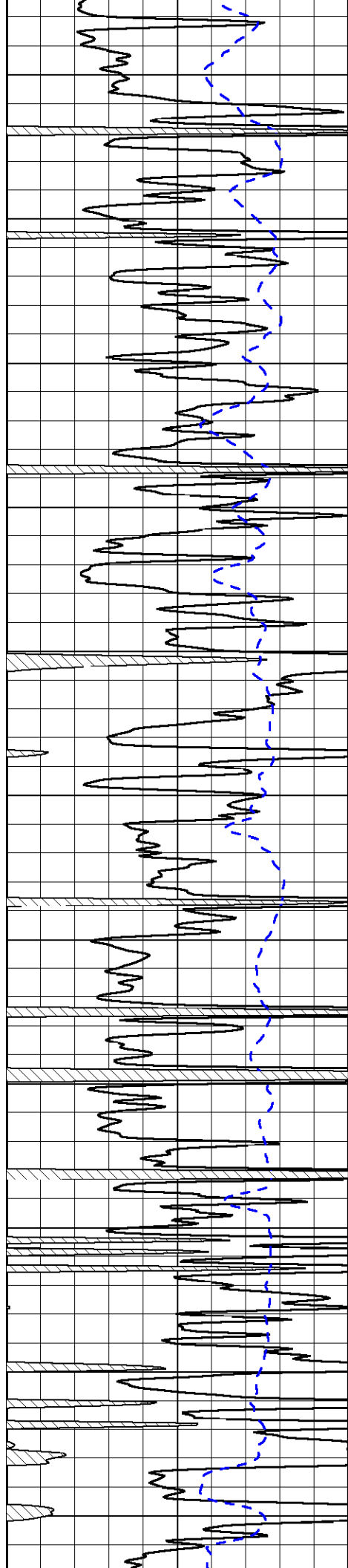
-32

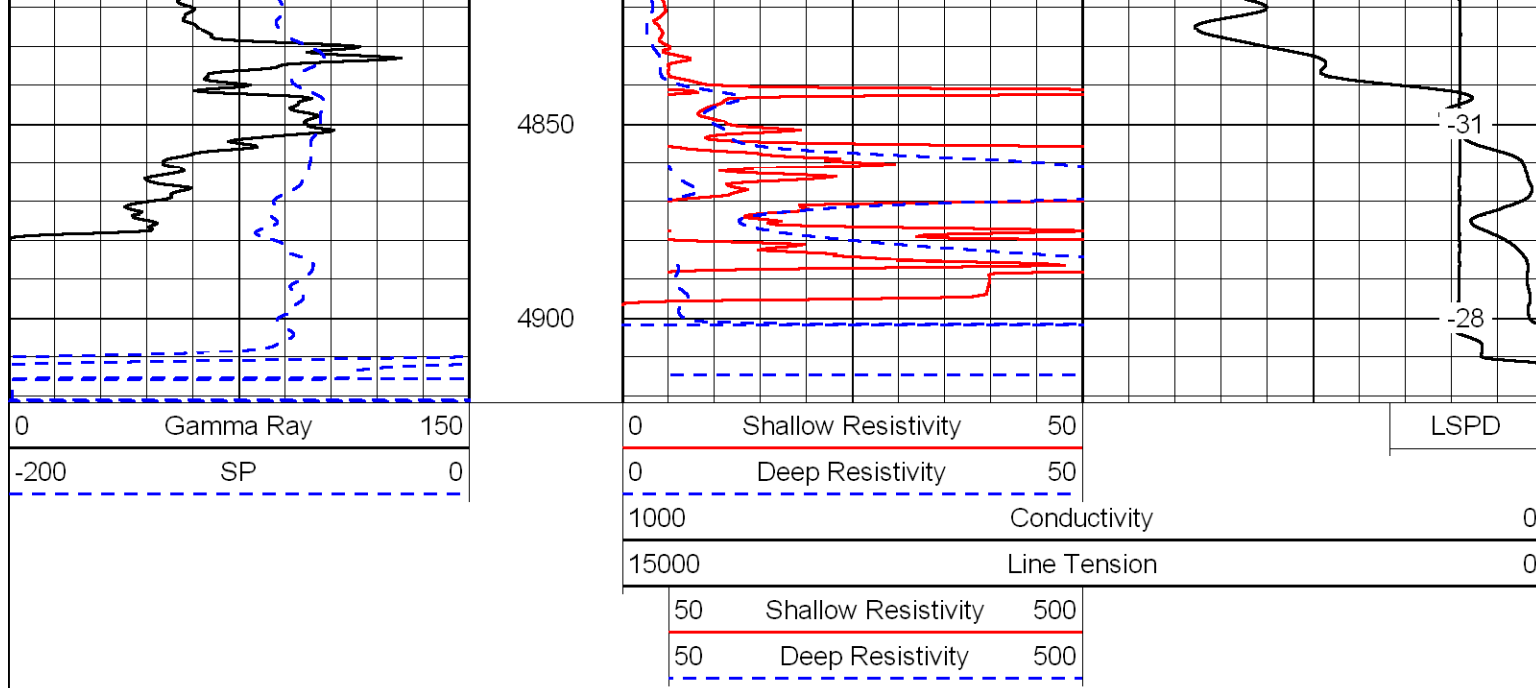
-33

-32

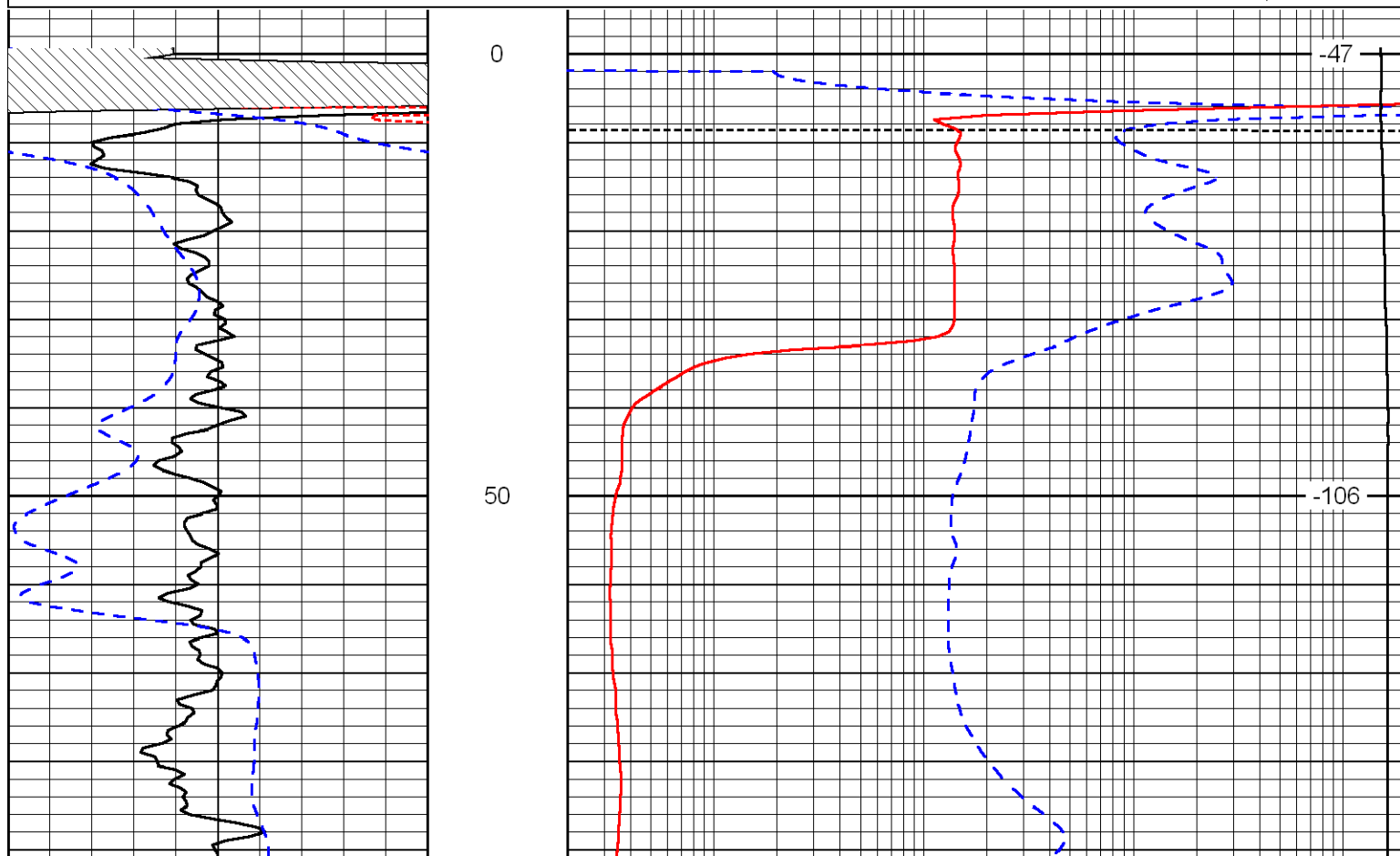
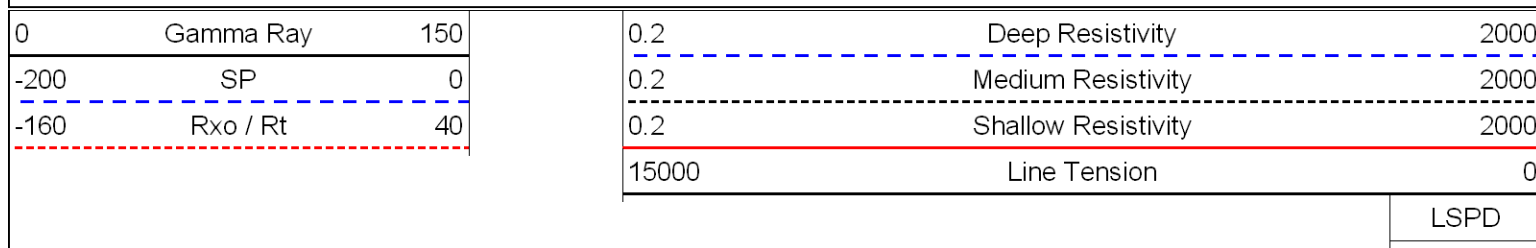
-33

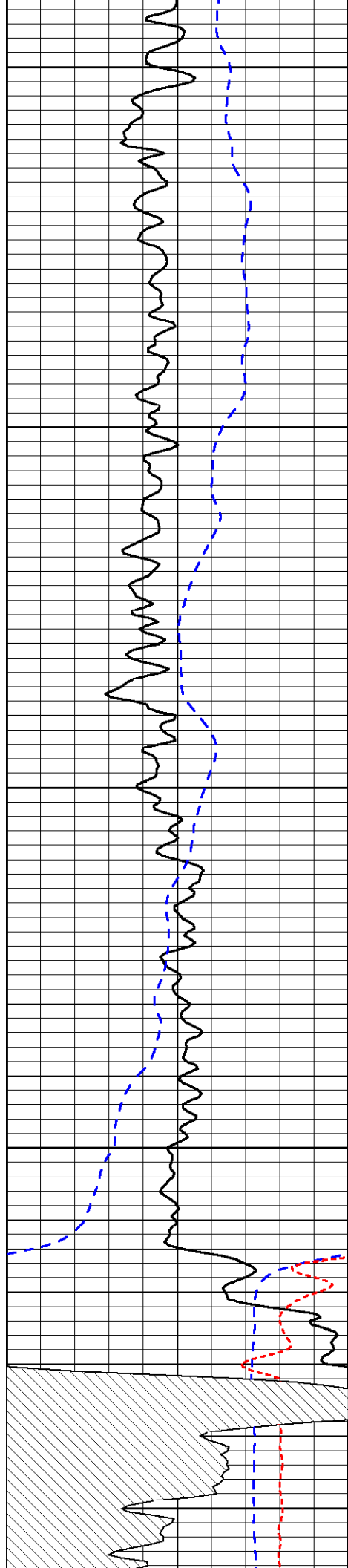






Database File: c:\warrior\data\murfin_ss no. 1-16\murfhd.db
 Dataset Pathname: dil/murf2in
 Presentation Format: dil
 Dataset Creation: Thu Jan 29 12:30:47 2009
 Charted by: Depth in Feet scaled 1:240





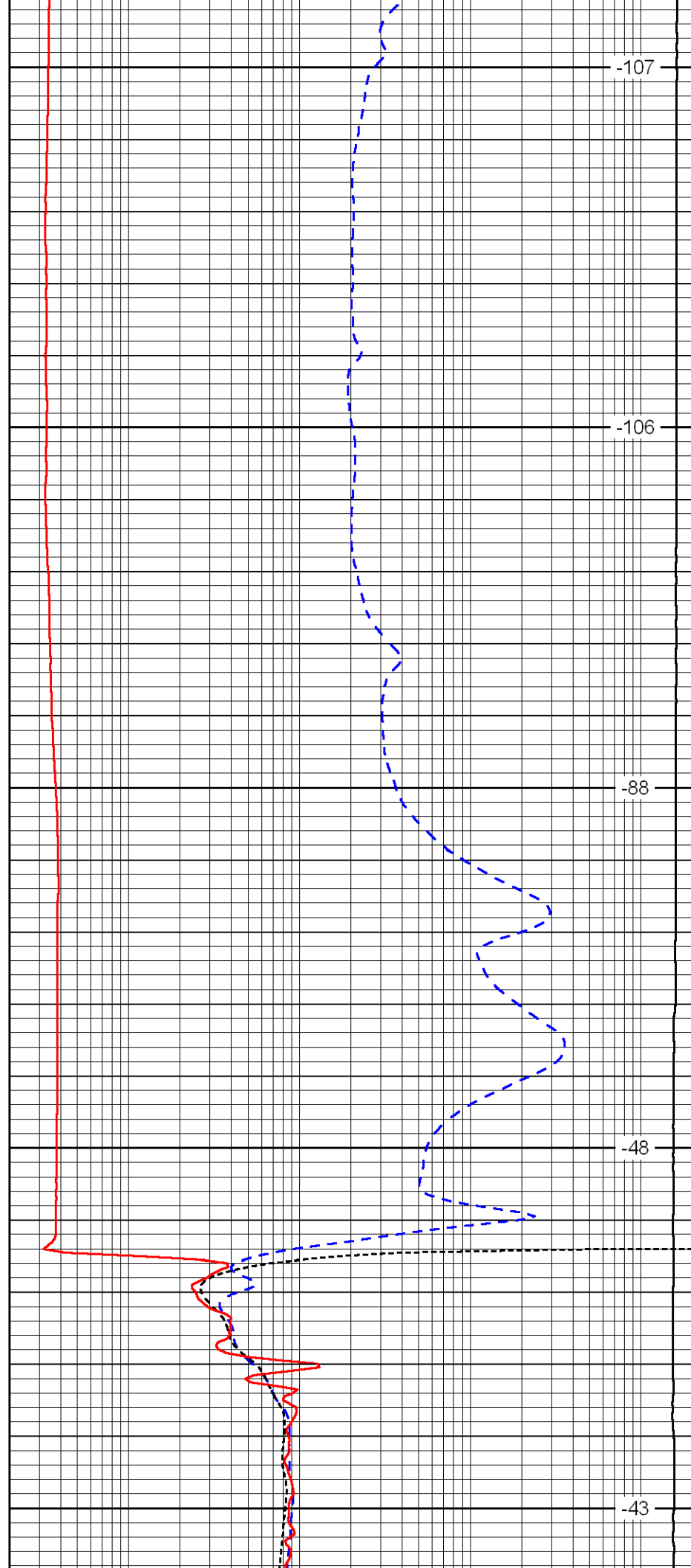
100

150

200

250

300



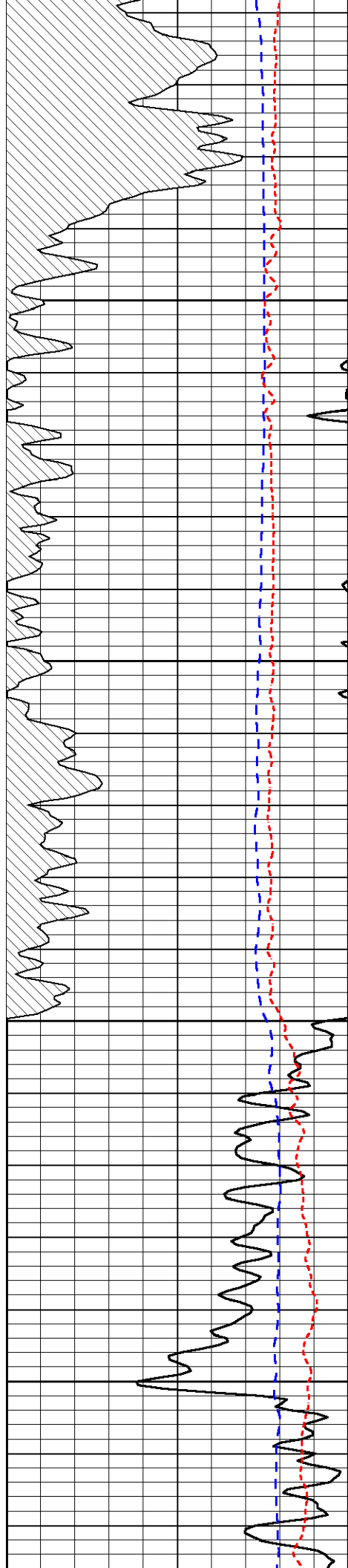
-107

-106

-88

-48

-43

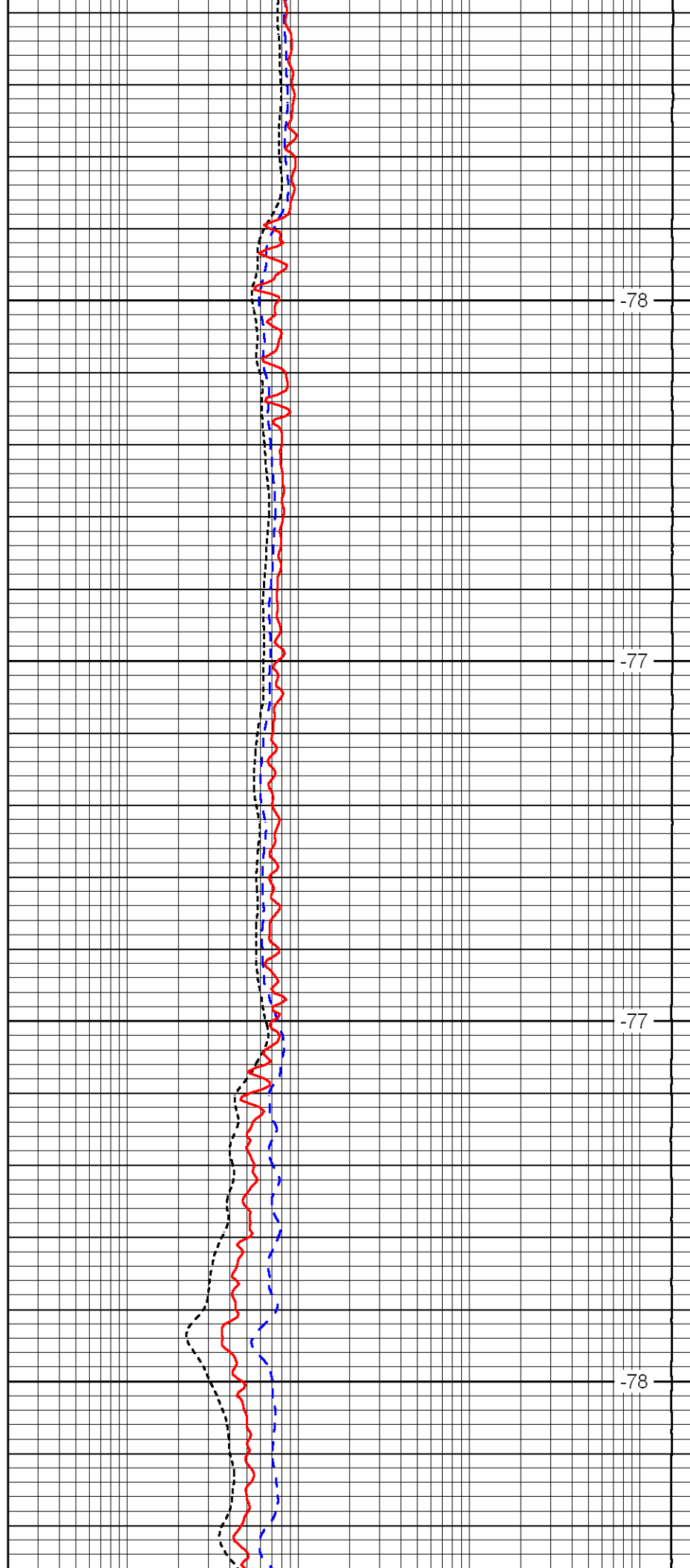


350

400

450

500

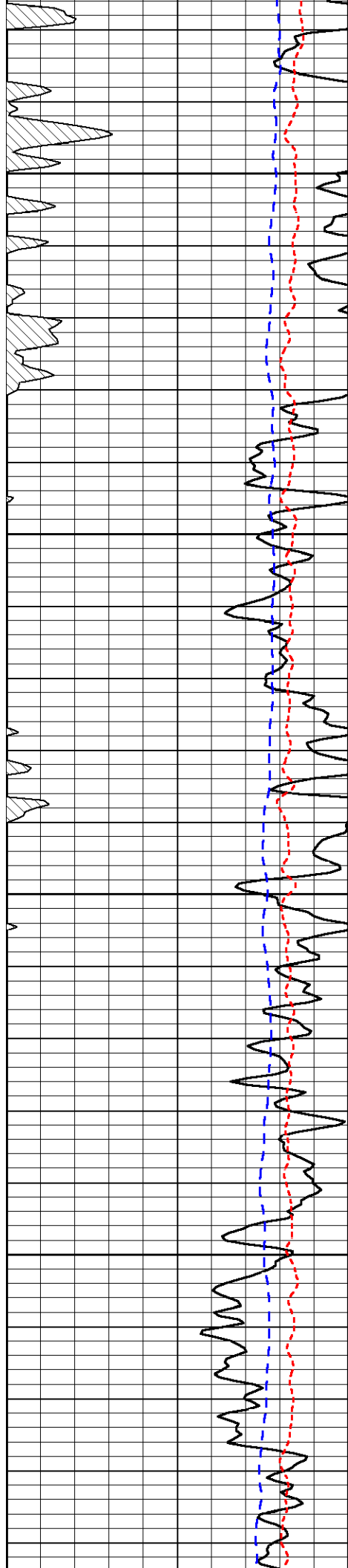


-78

-77

-77

-78

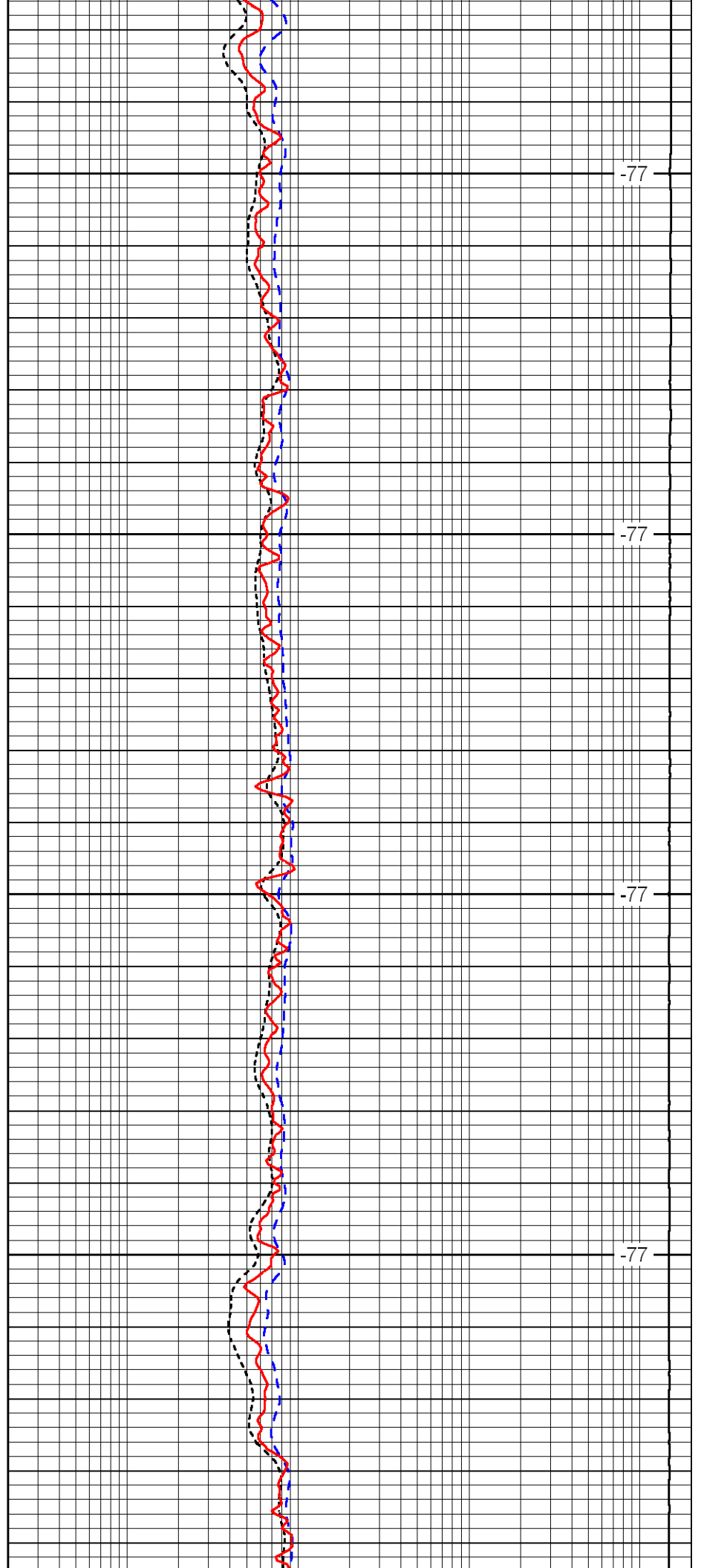


550

600

650

700

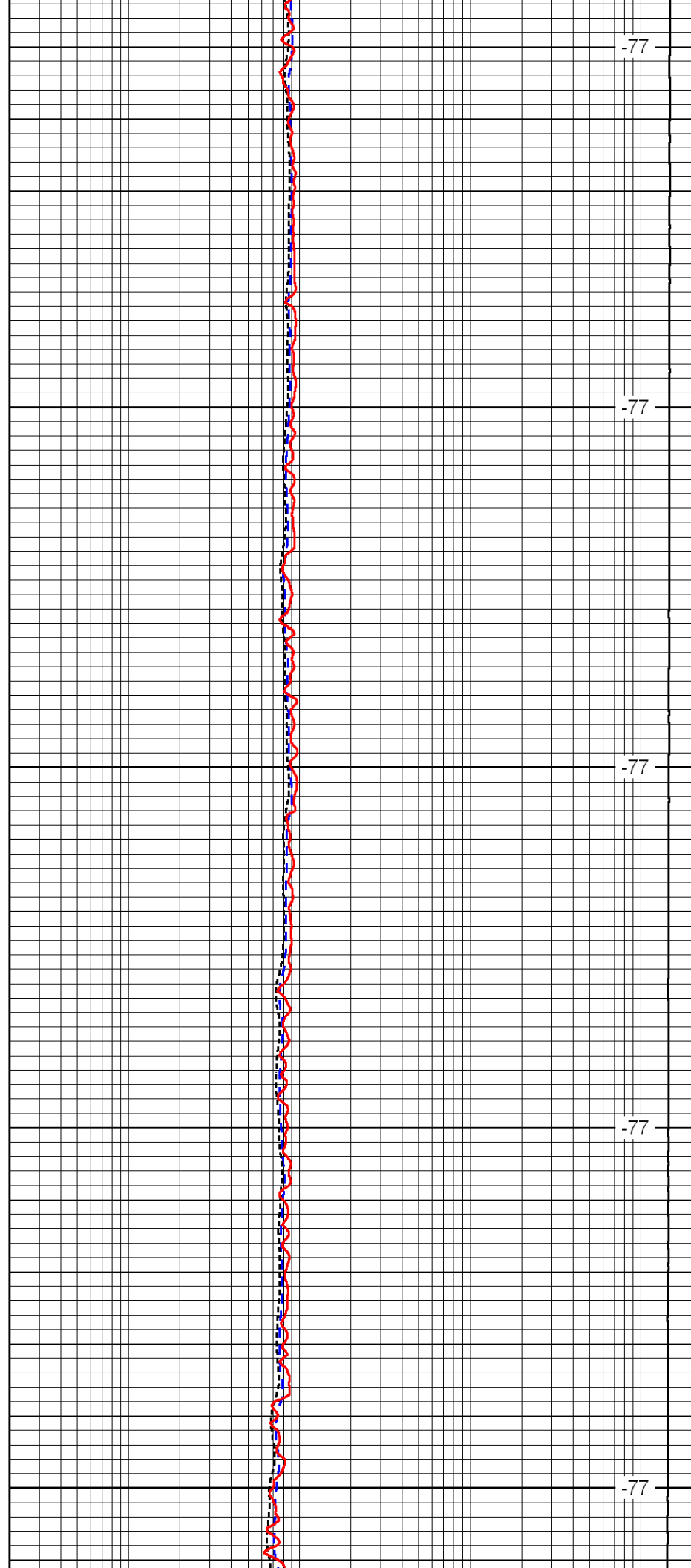
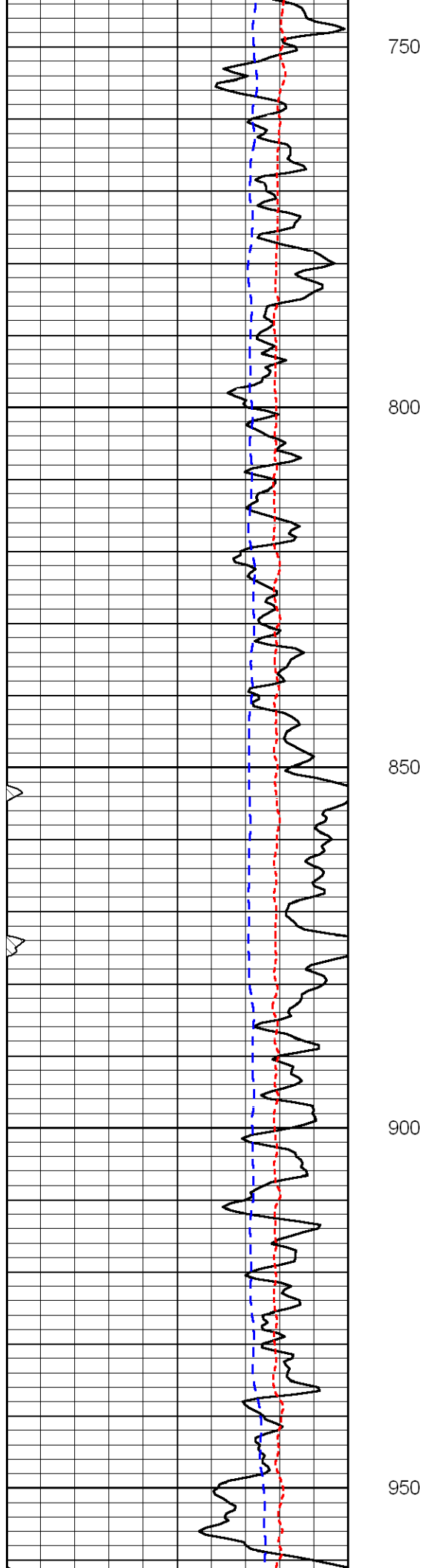


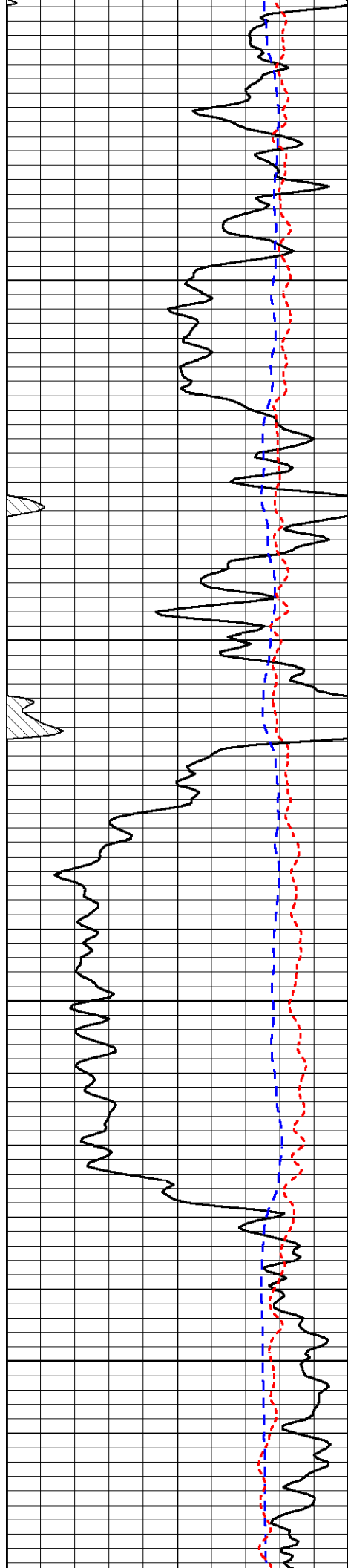
-77

-77

-77

-77





1000

1050

1100

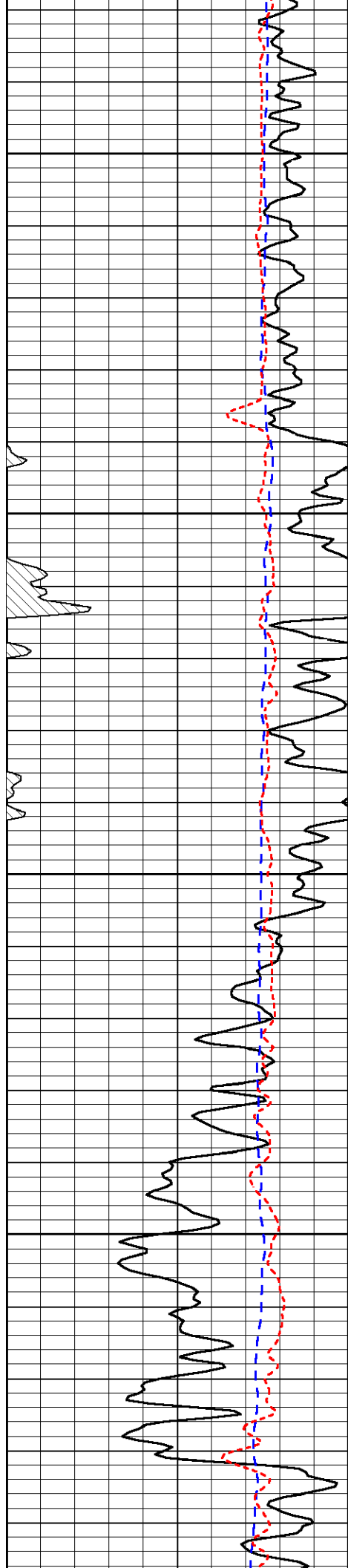
1150

-75

-75

-75

-75



1200

1250

1300

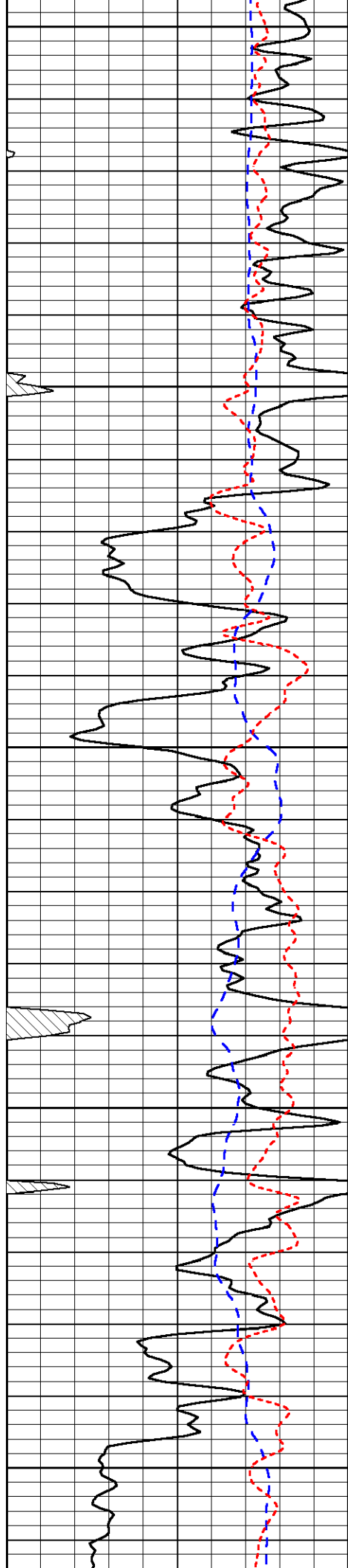
1350

-75

-75

-74

-75



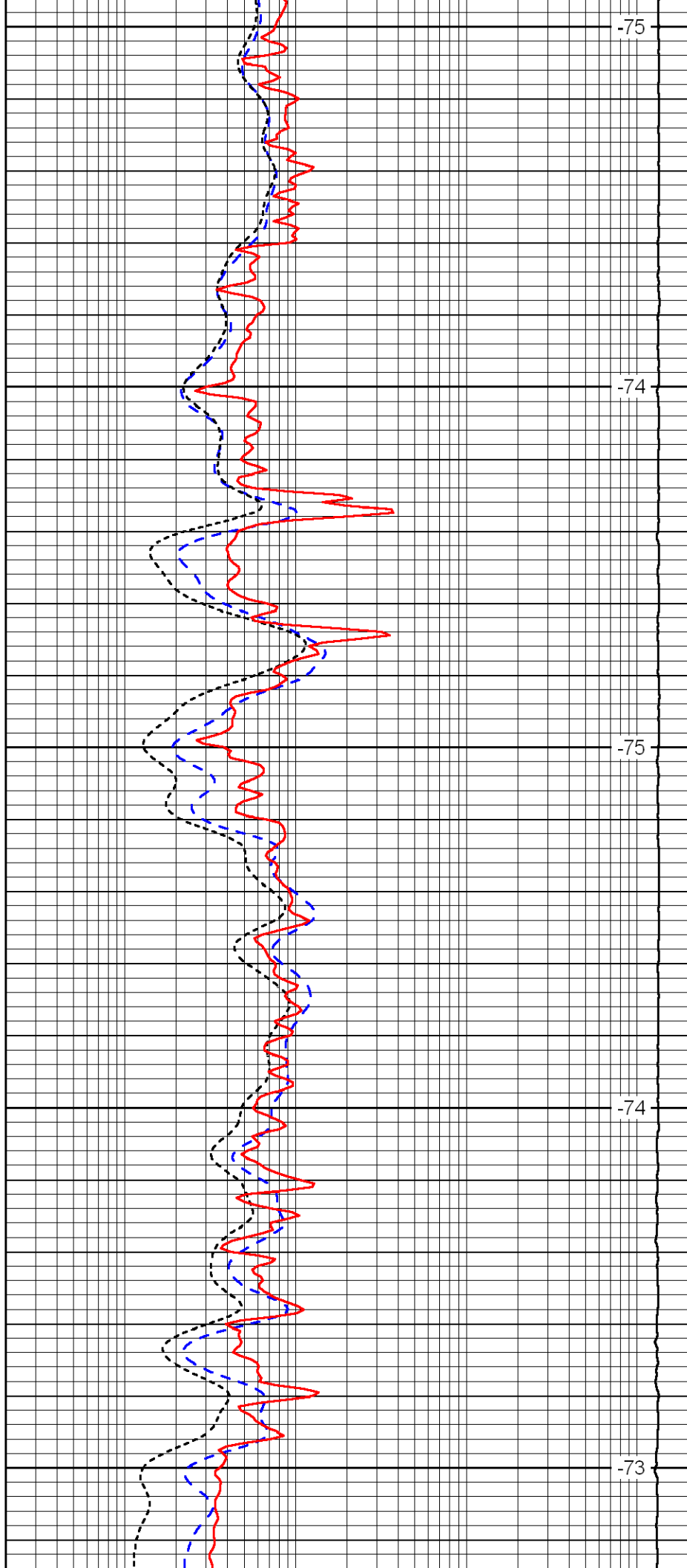
1400

1450

1500

1550

1600



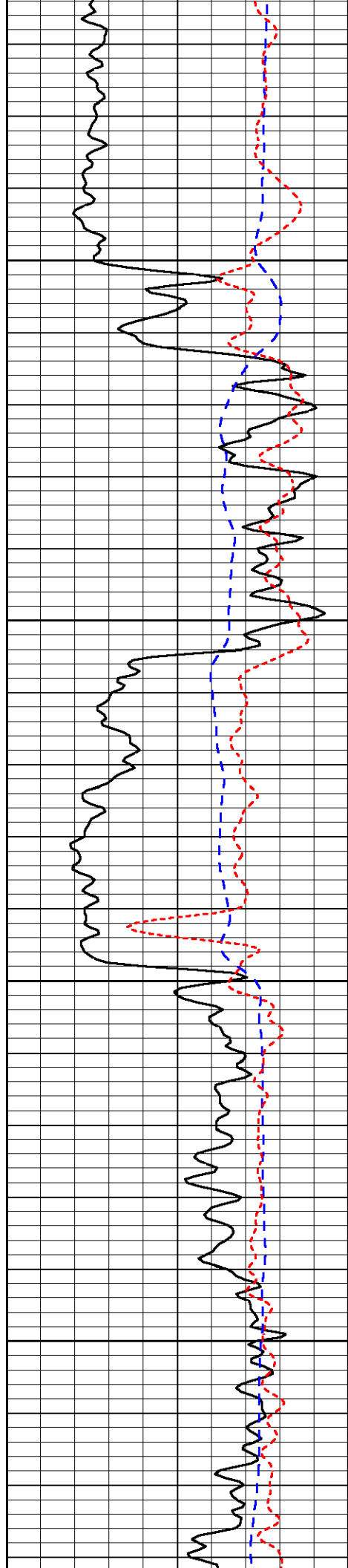
-75

-74

-75

-74

-73



1650

1700

1750

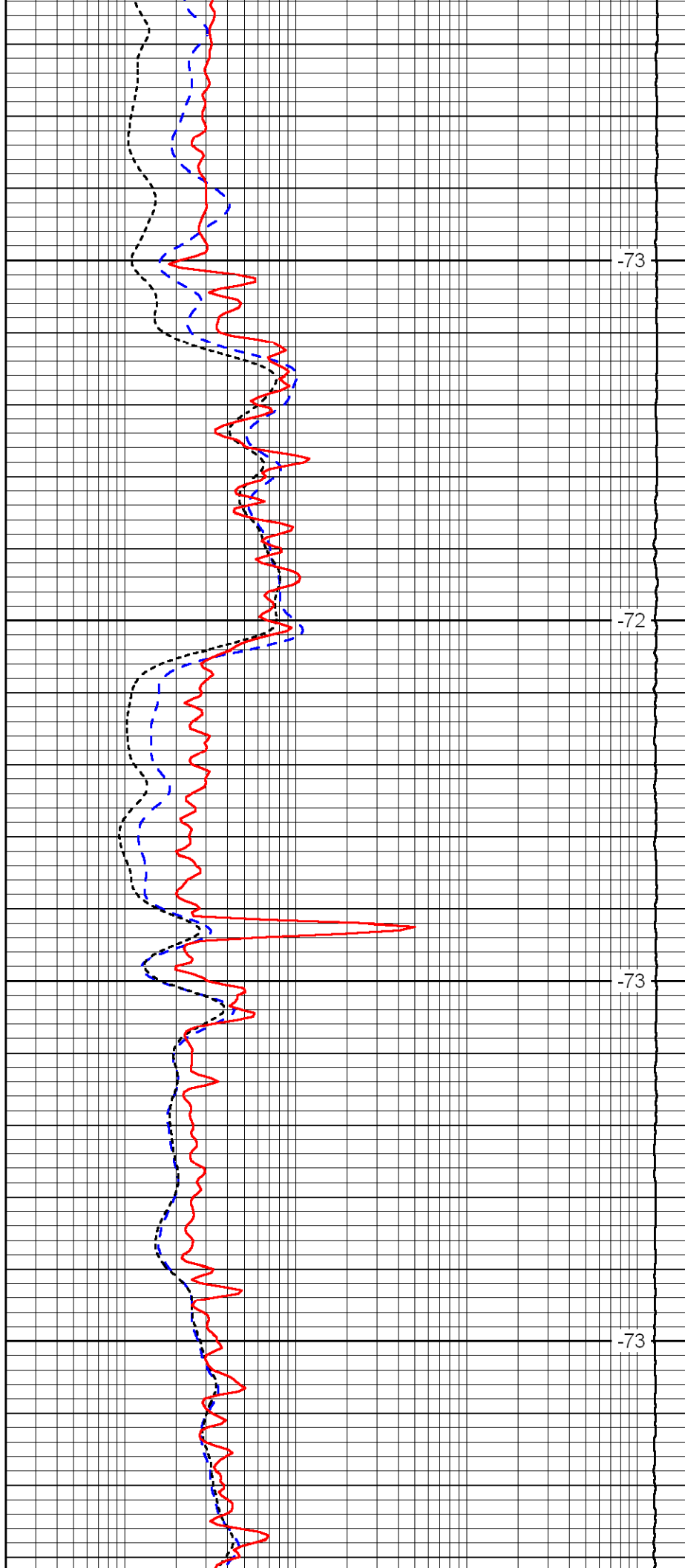
1800

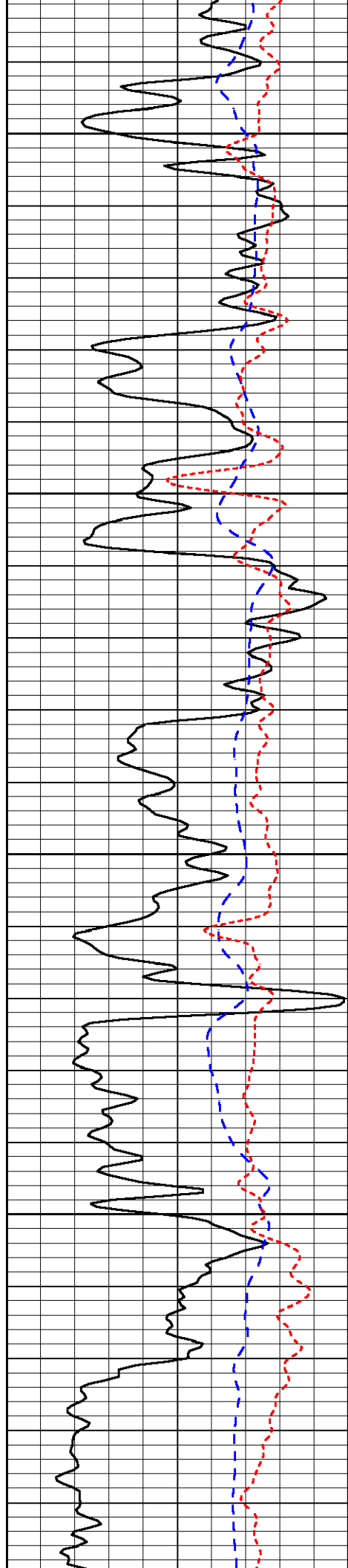
-73

-72

-73

-73





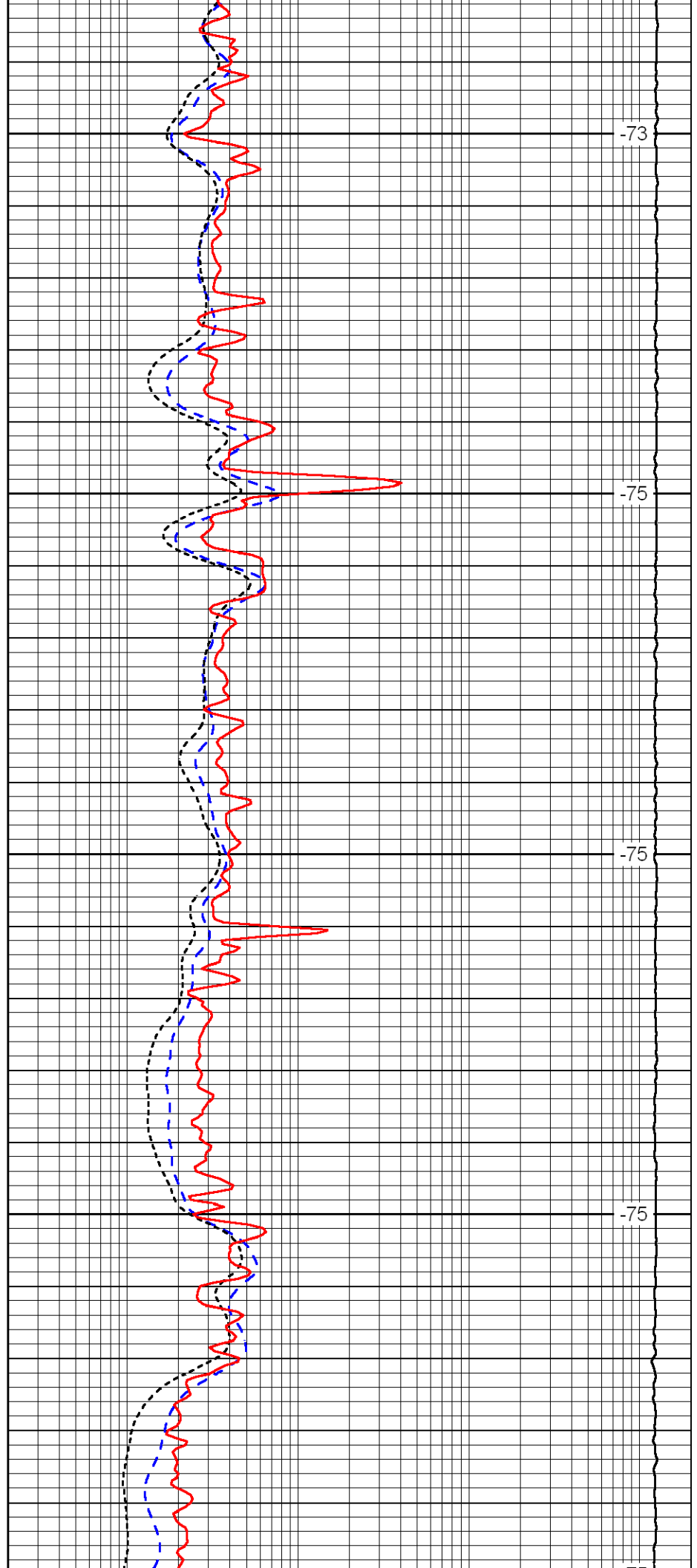
1850

1900

1950

2000

2025



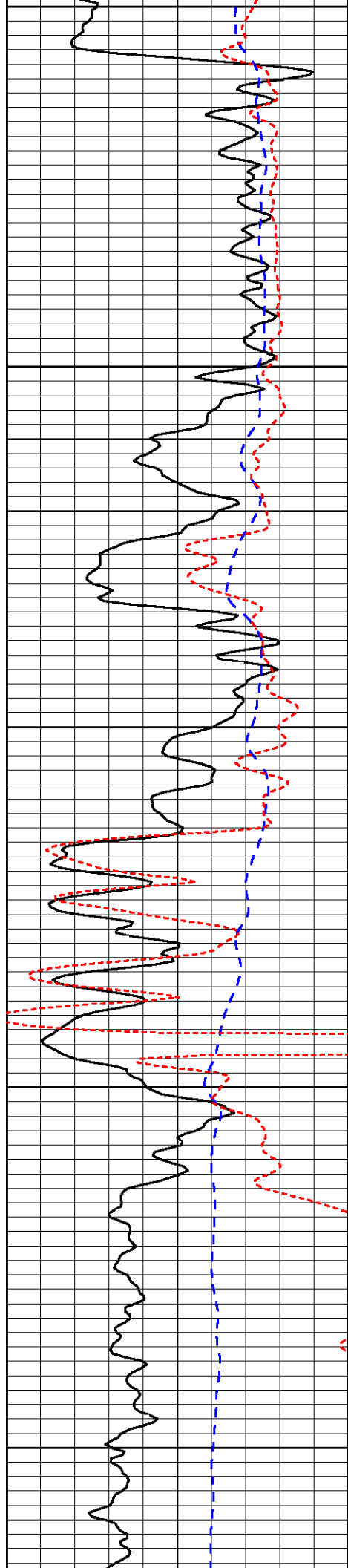
-73

-75

-75

-75

-75



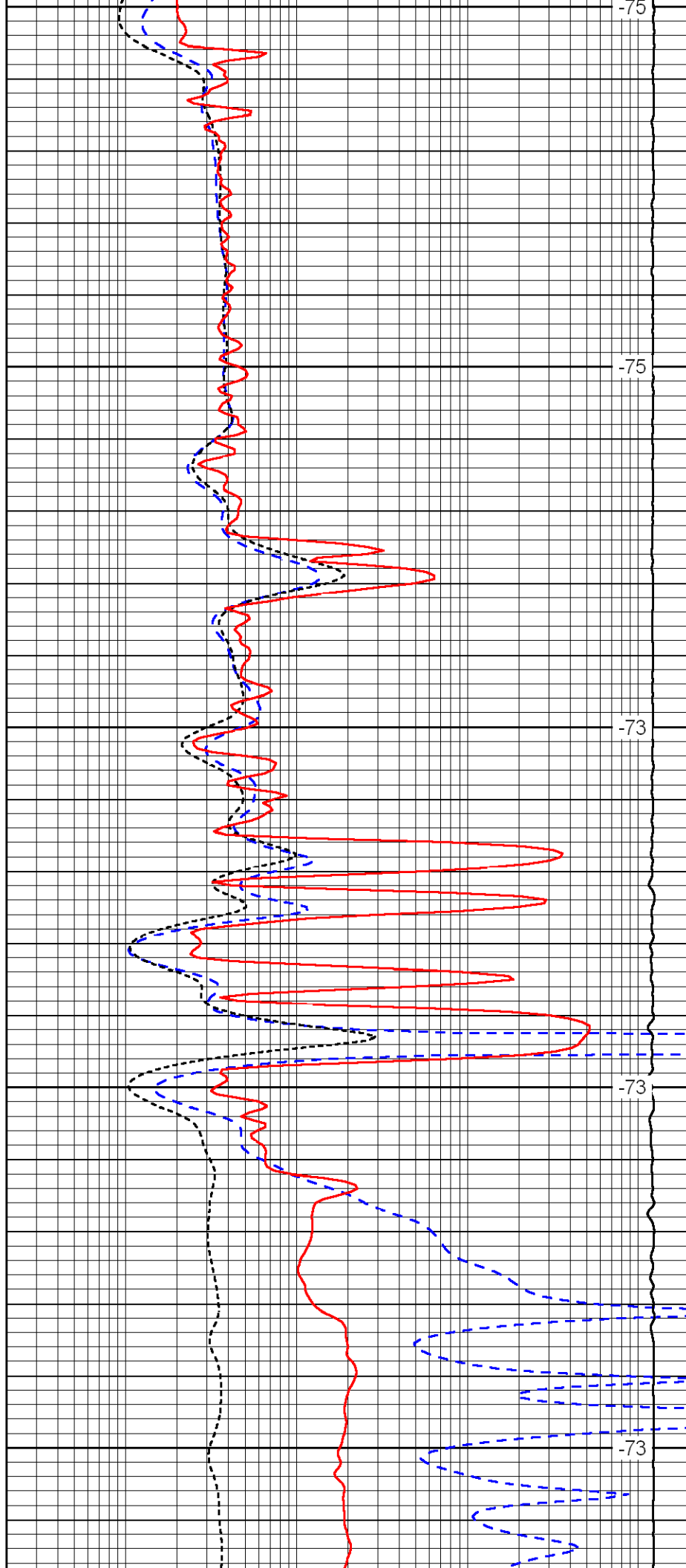
2050

2100

2150

2200

2250



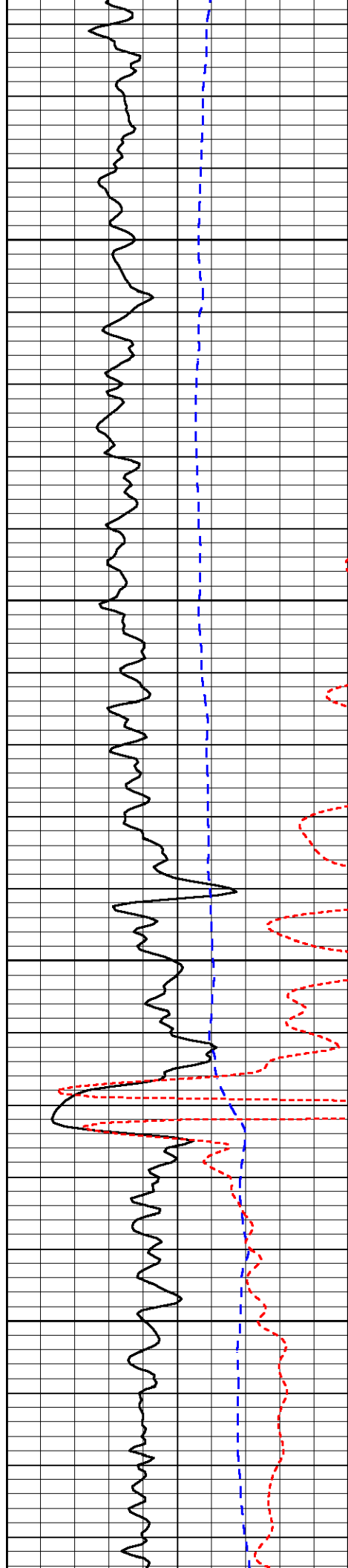
-75

-75

-73

-73

-73

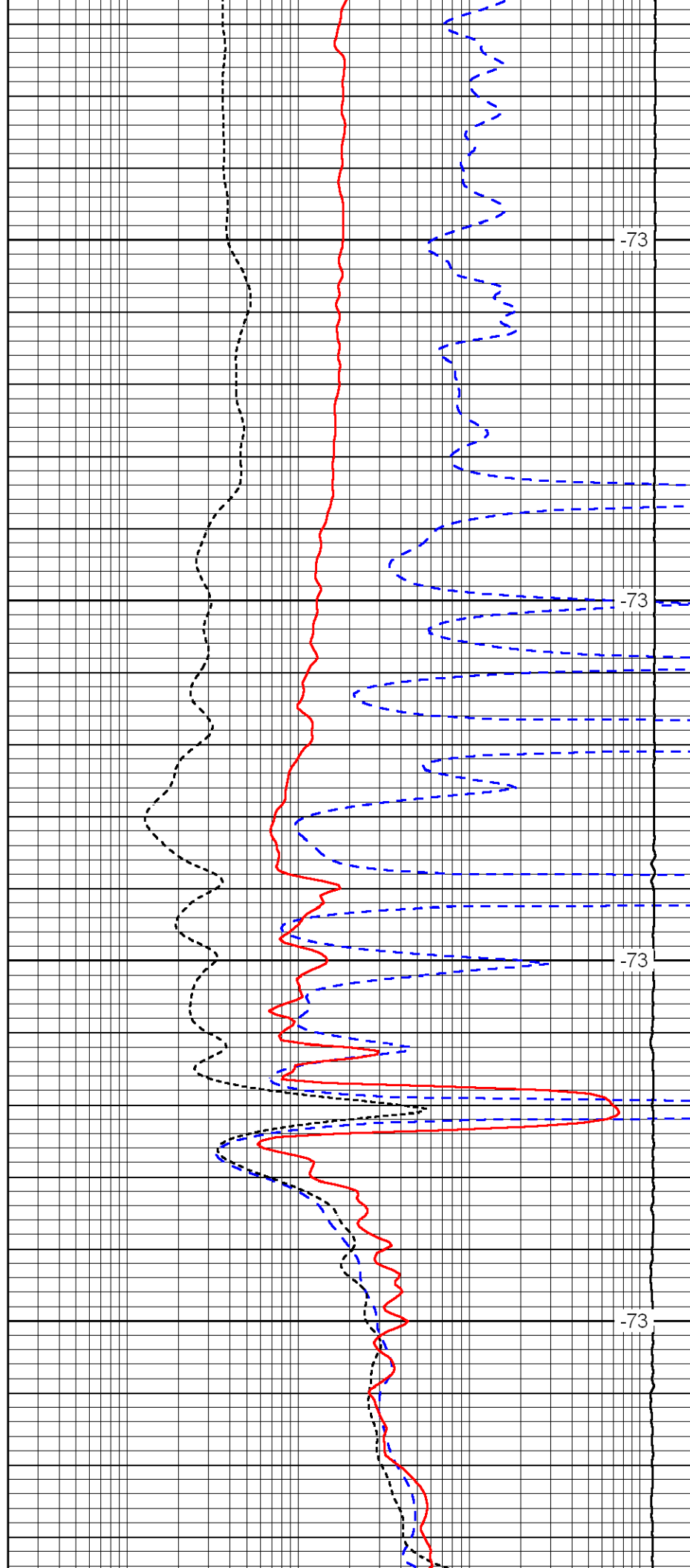


2300

2350

2400

2450

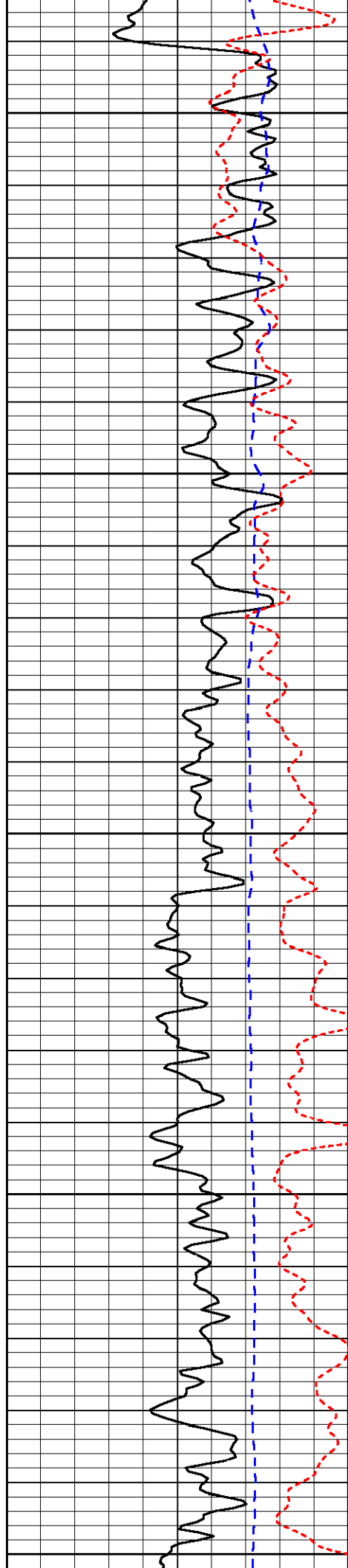


-73

-73

-73

-73



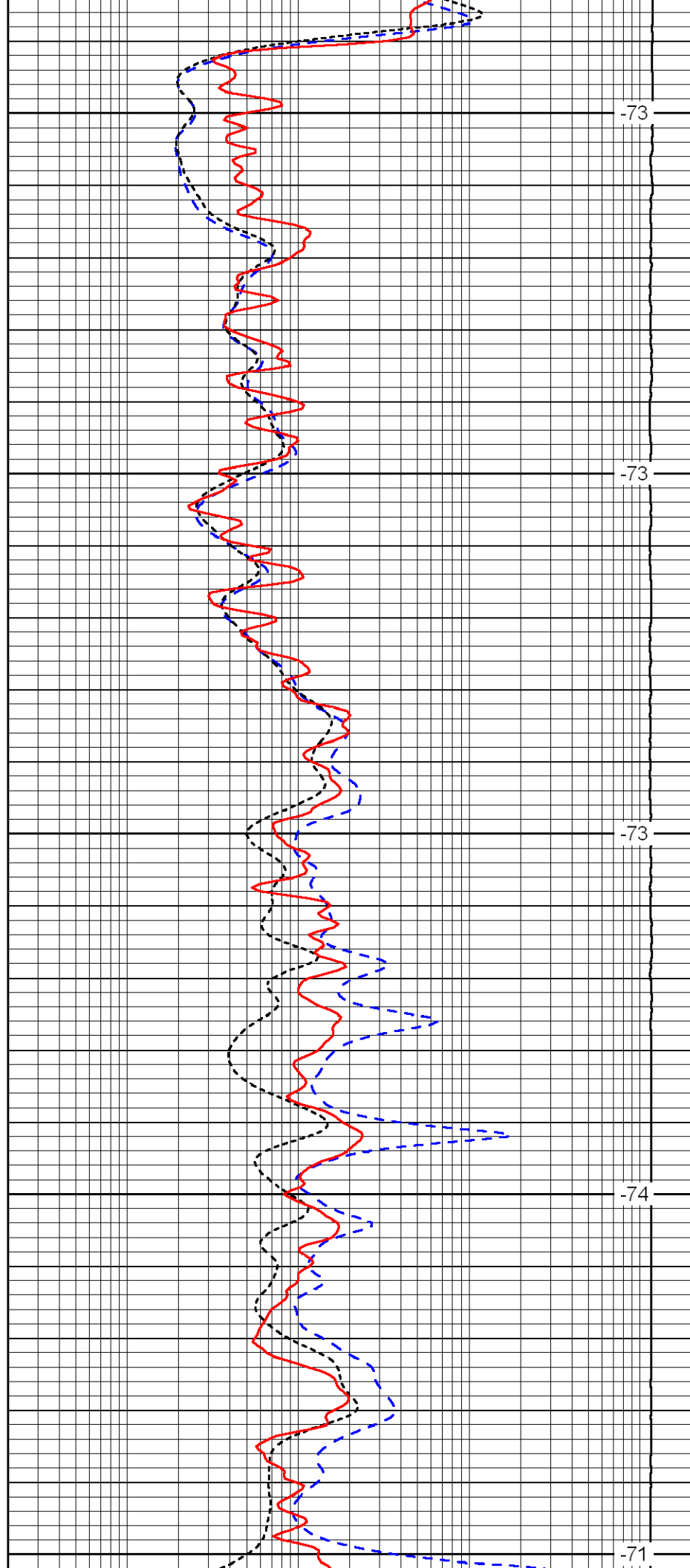
2500

2550

2600

2650

2700



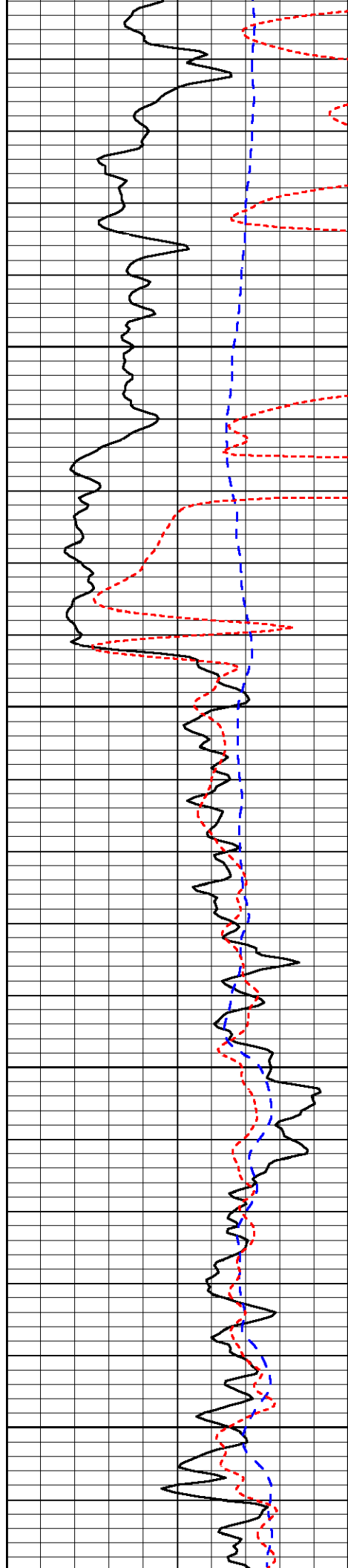
-73

-73

-73

-74

-71

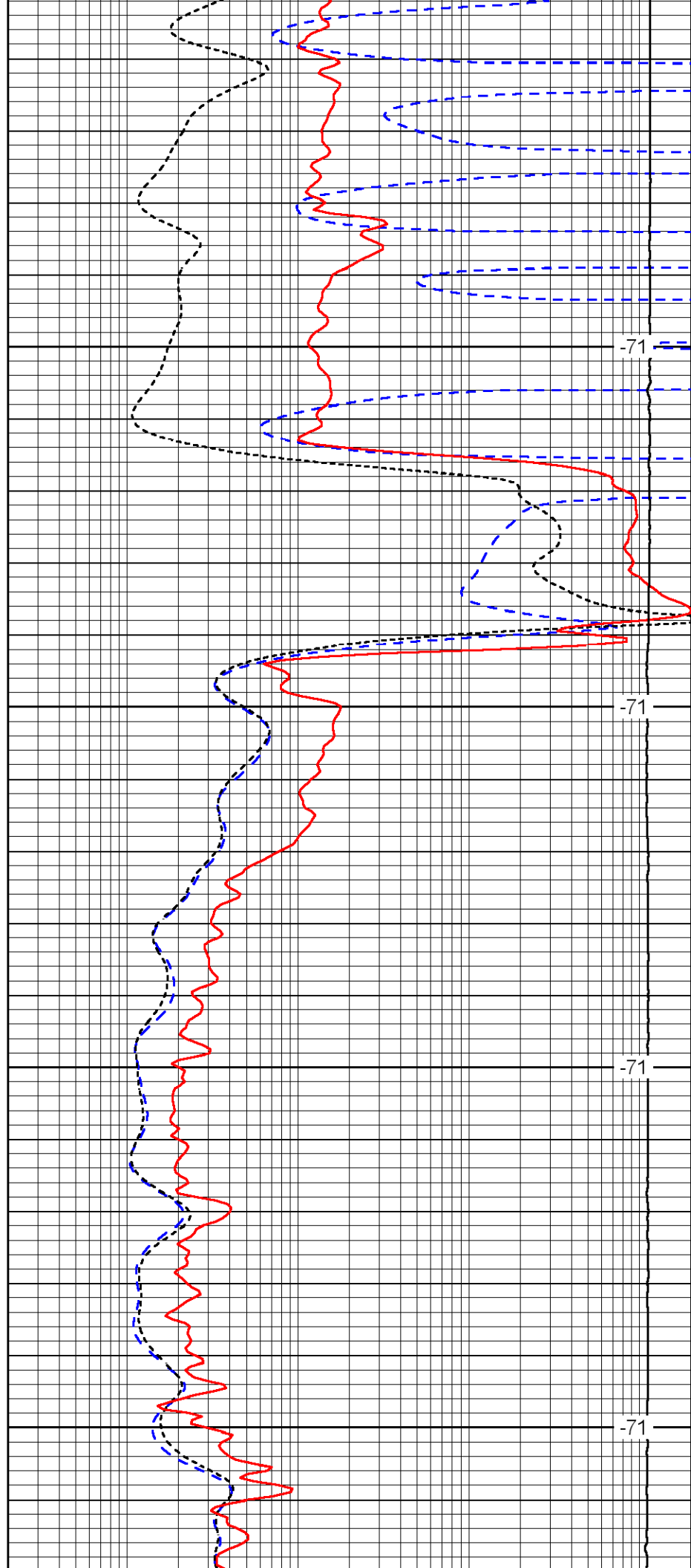


2750

2800

2850

2900

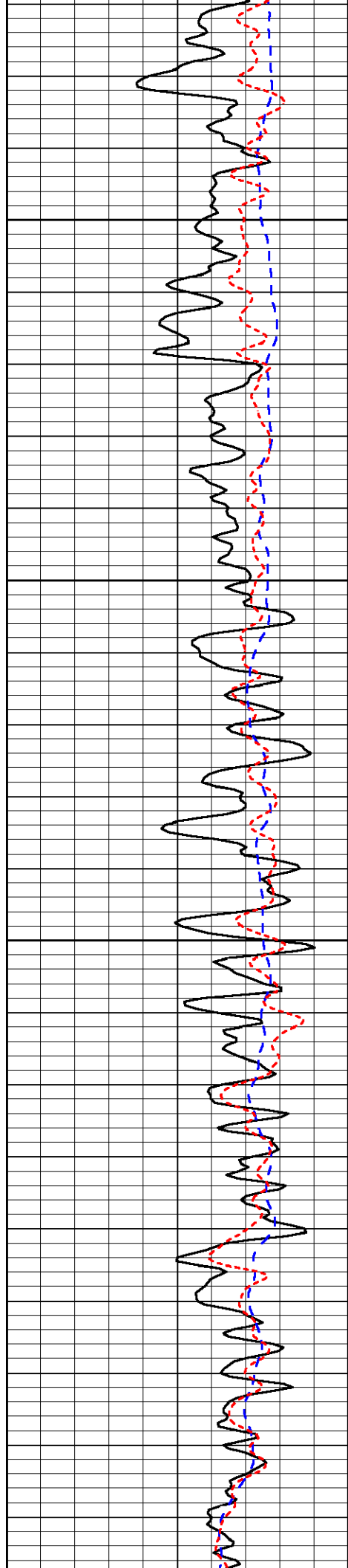


-71

-71

-71

-71

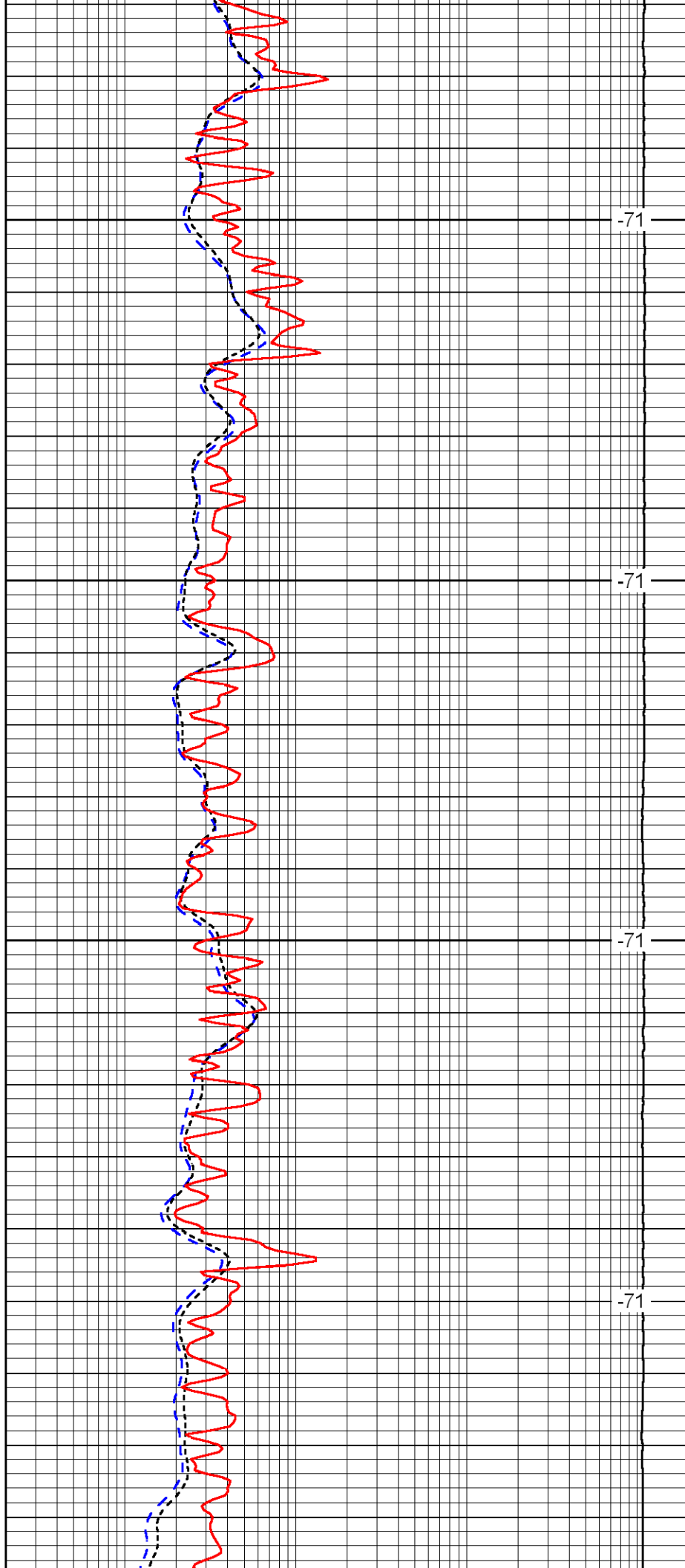


2950

3000

3050

3100

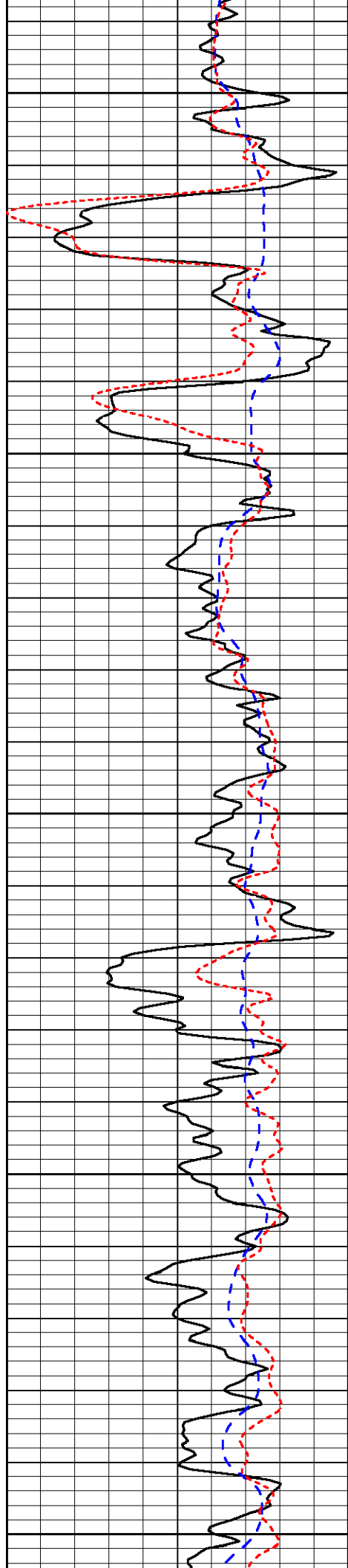


-71

-71

-71

-71



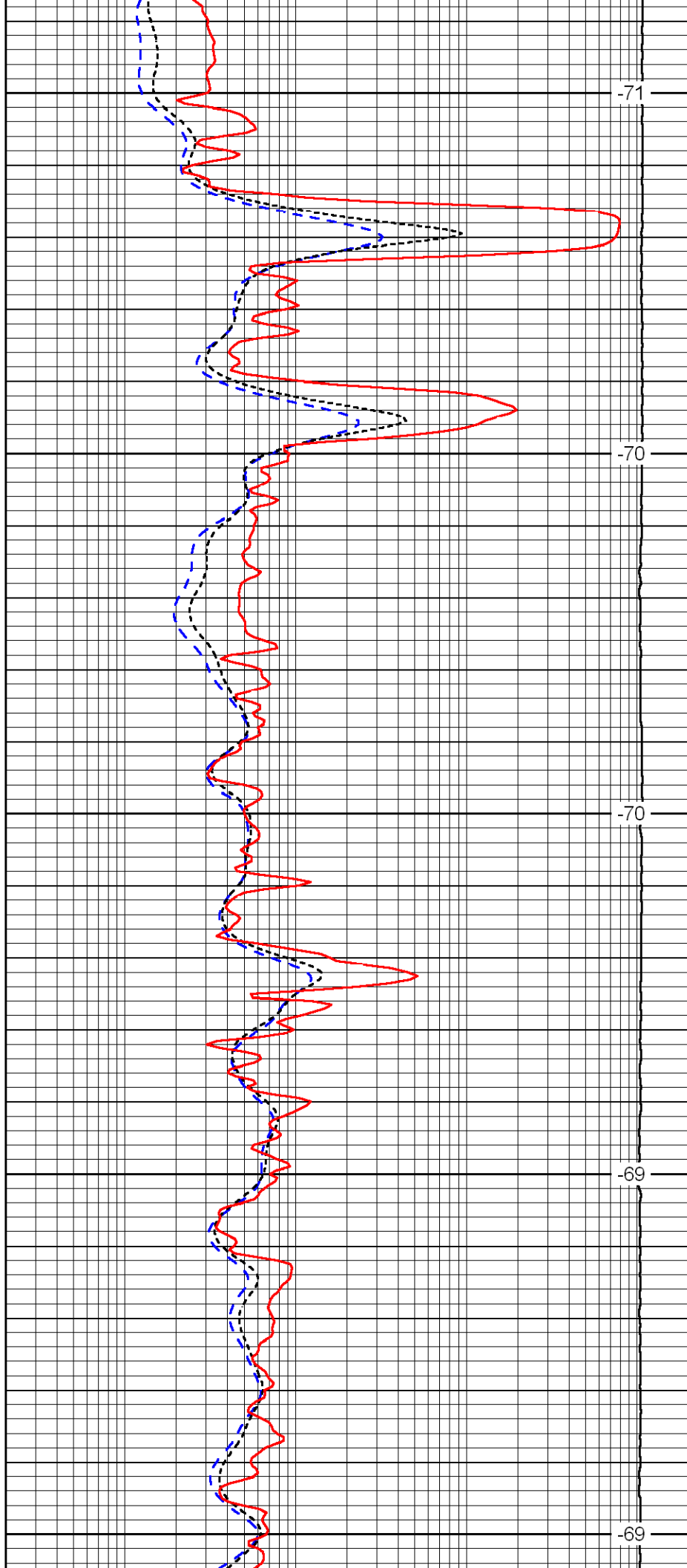
3150

3200

3250

3300

3350



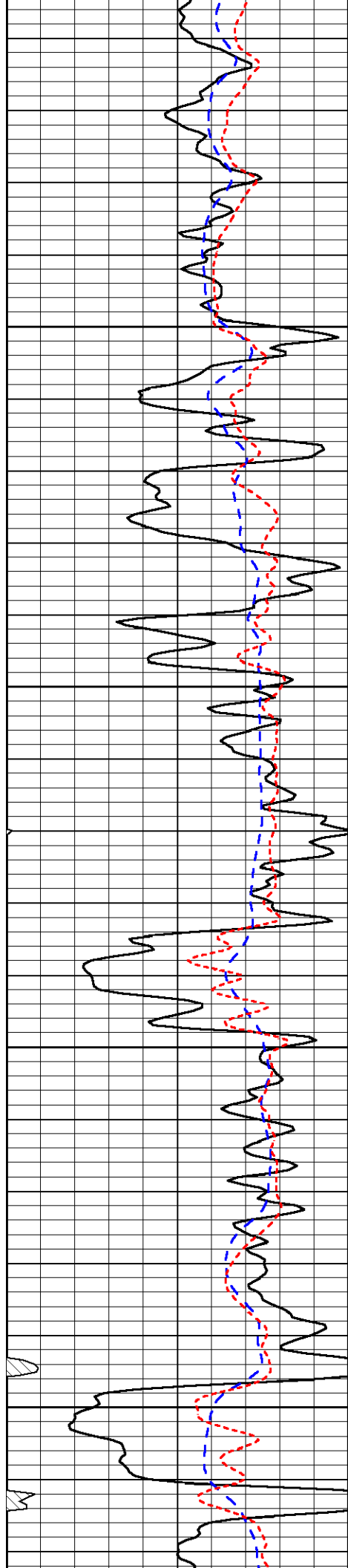
-71

-70

-70

-69

-69

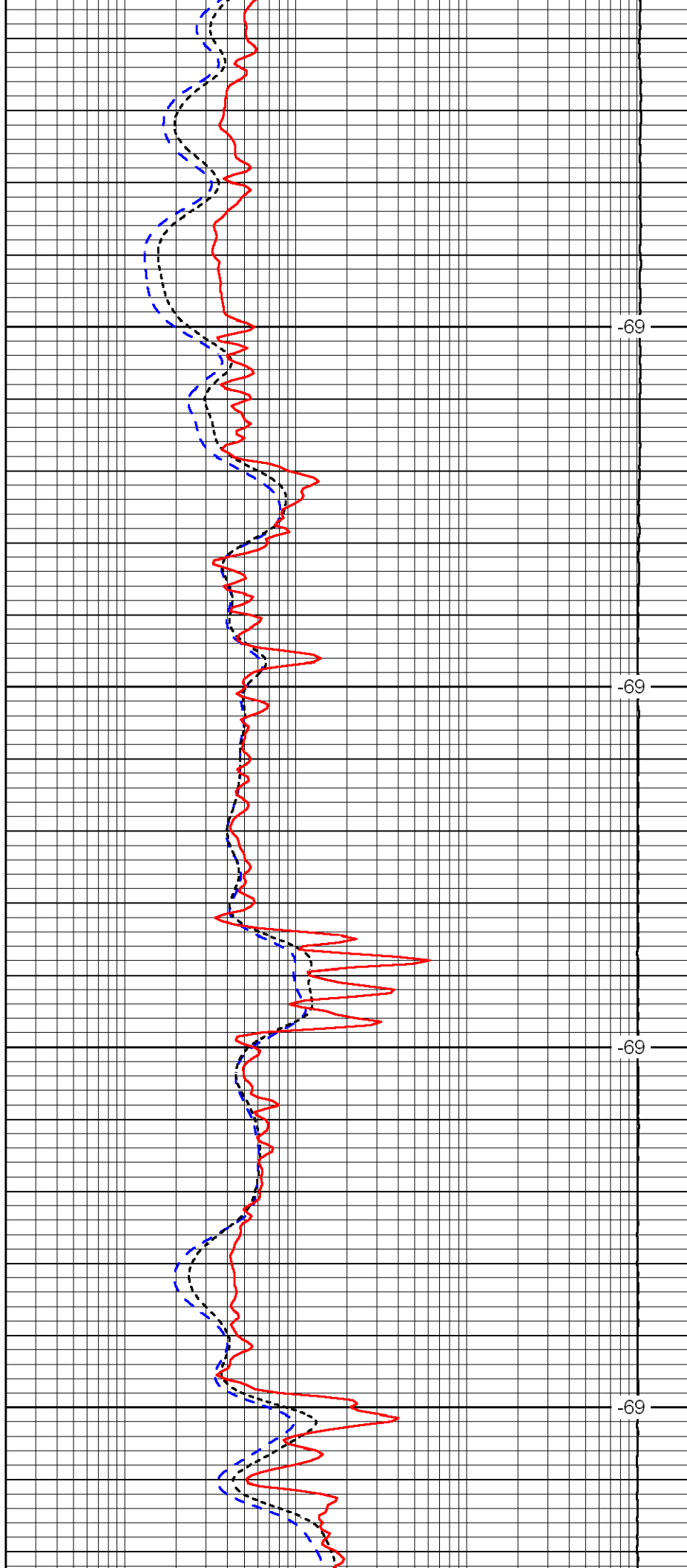


3400

3450

3500

3550

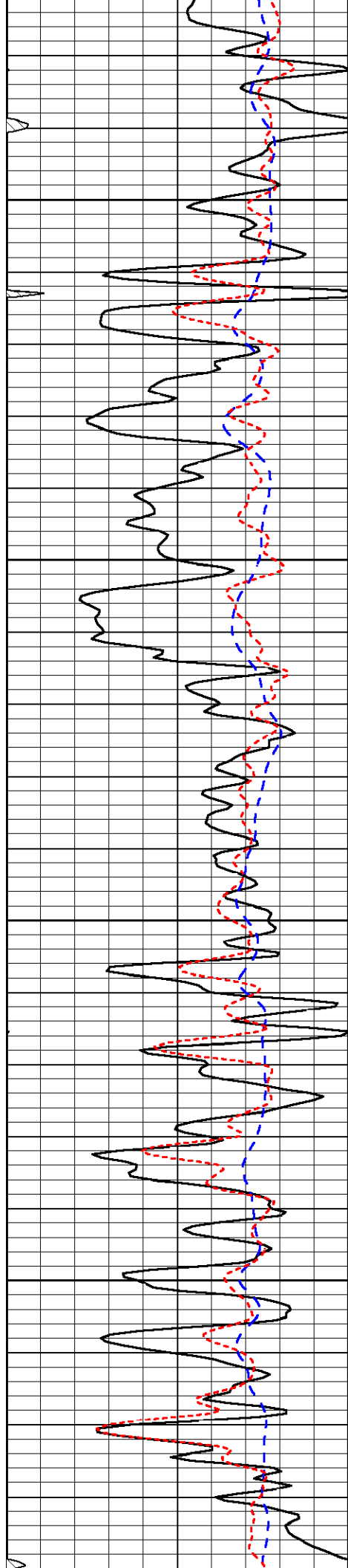


-69

-69

-69

-69

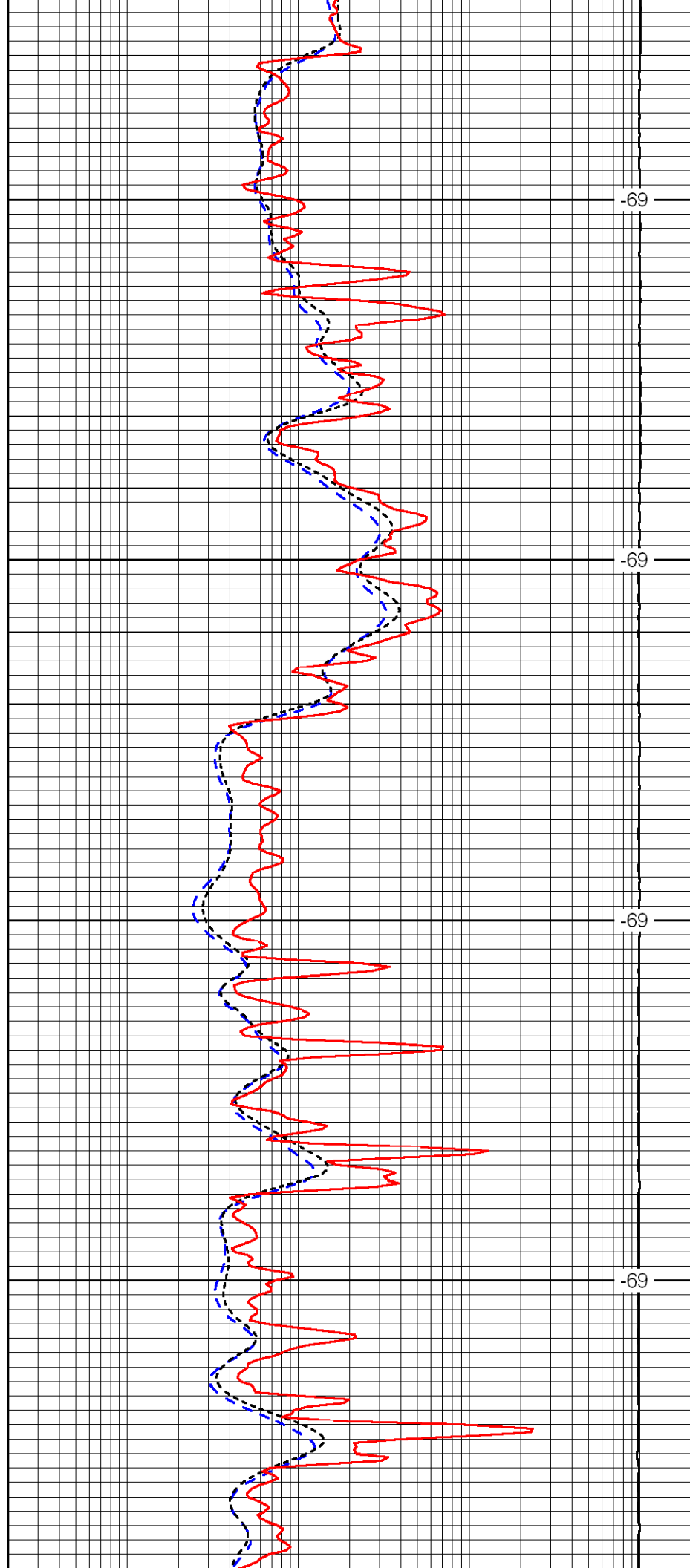


3600

3650

3700

3750

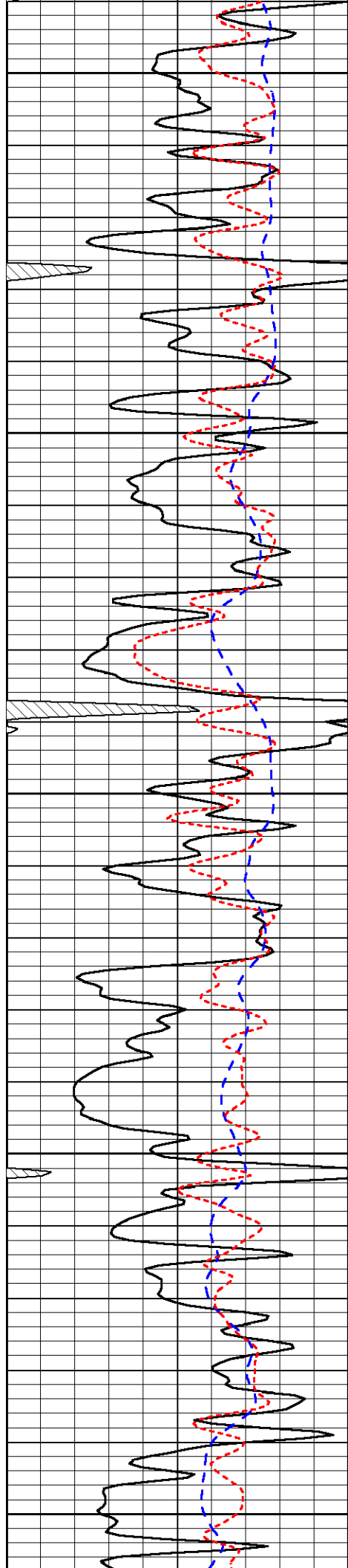


-69

-69

-69

-69



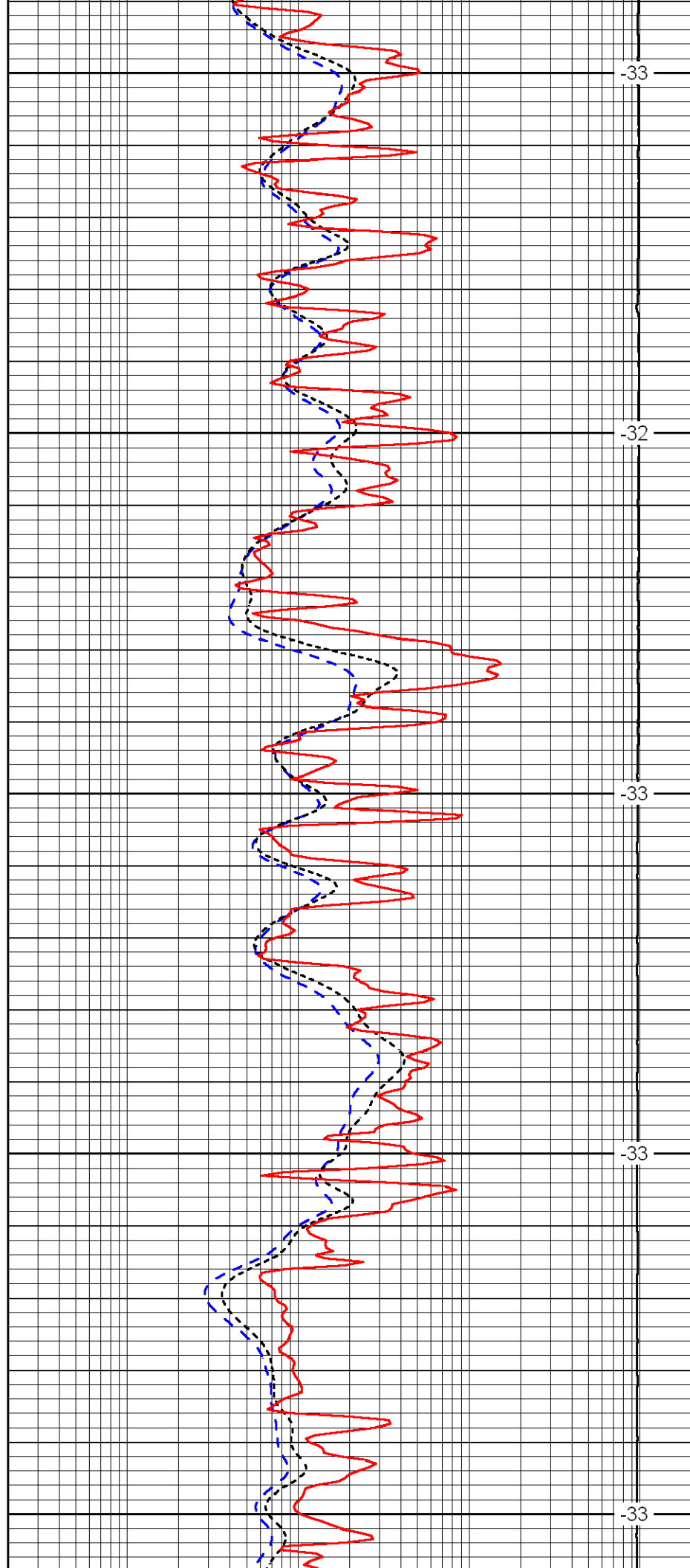
3800

3850

3900

3950

4000



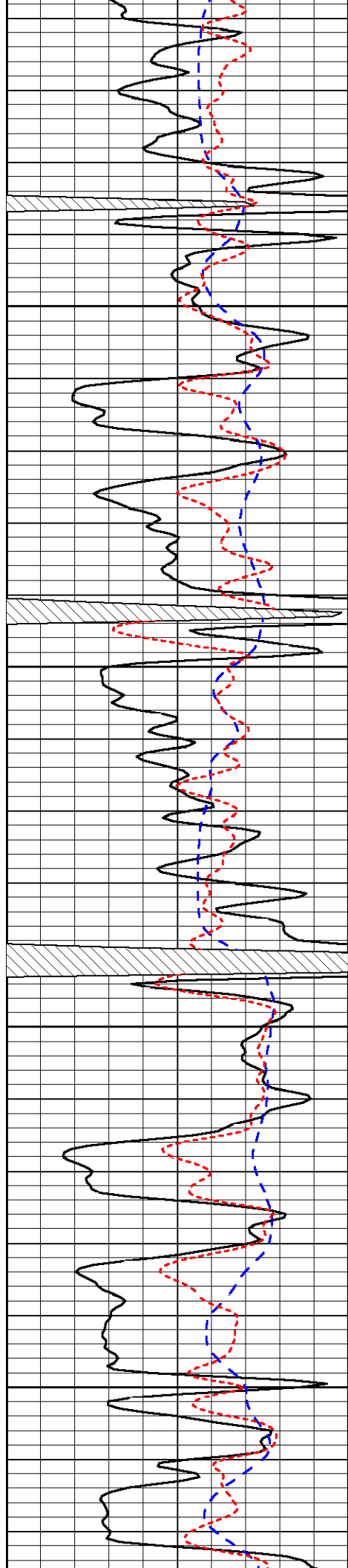
-33

-32

-33

-33

-33

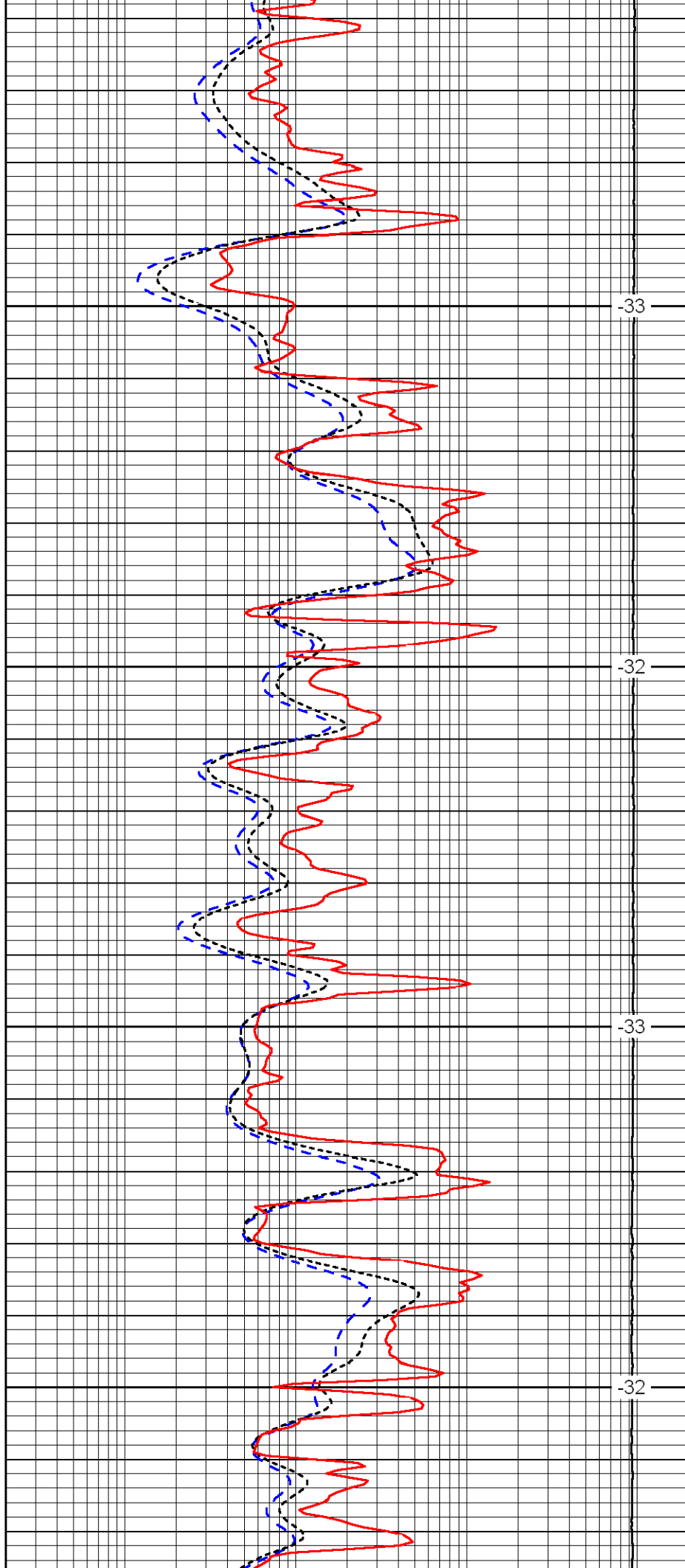


4050

4100

4150

4200

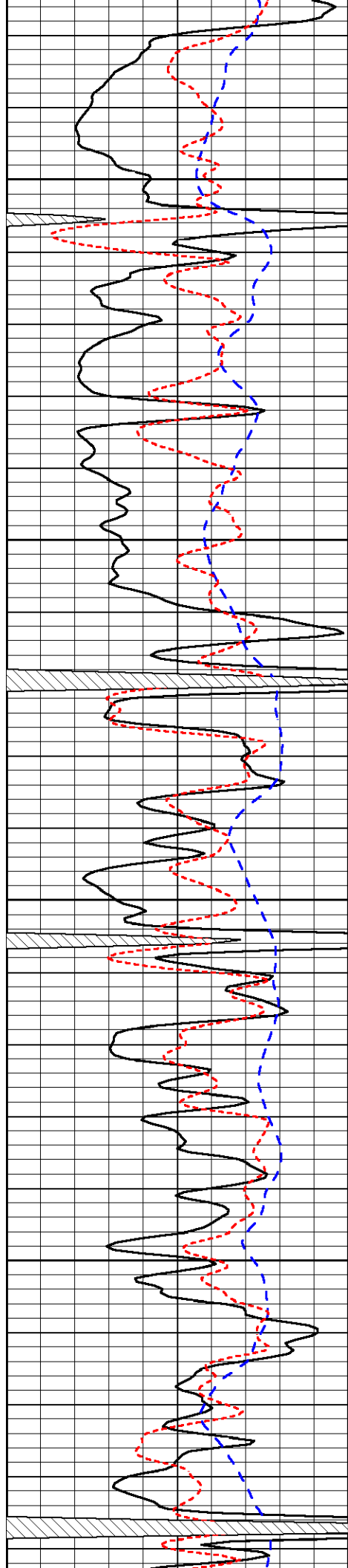


-33

-32

-33

-32

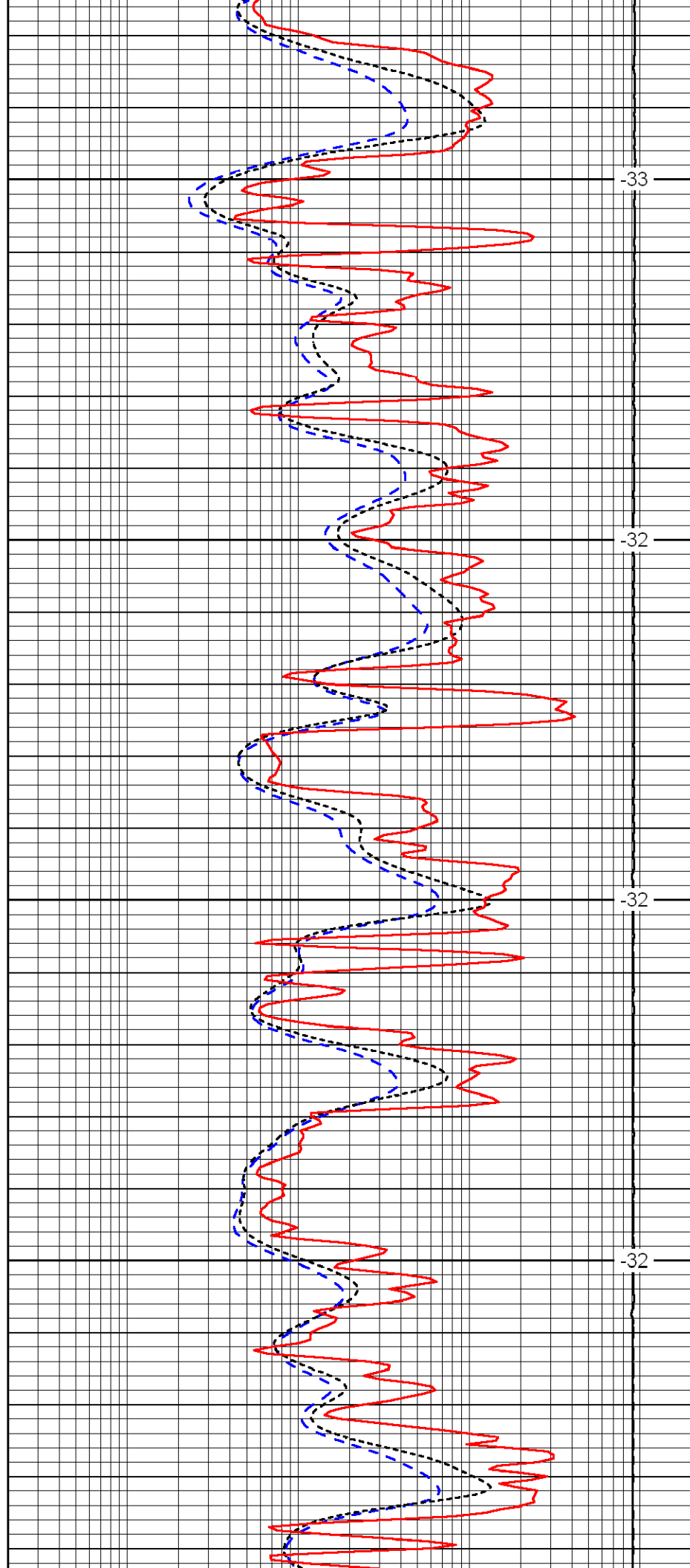


4250

4300

4350

4400

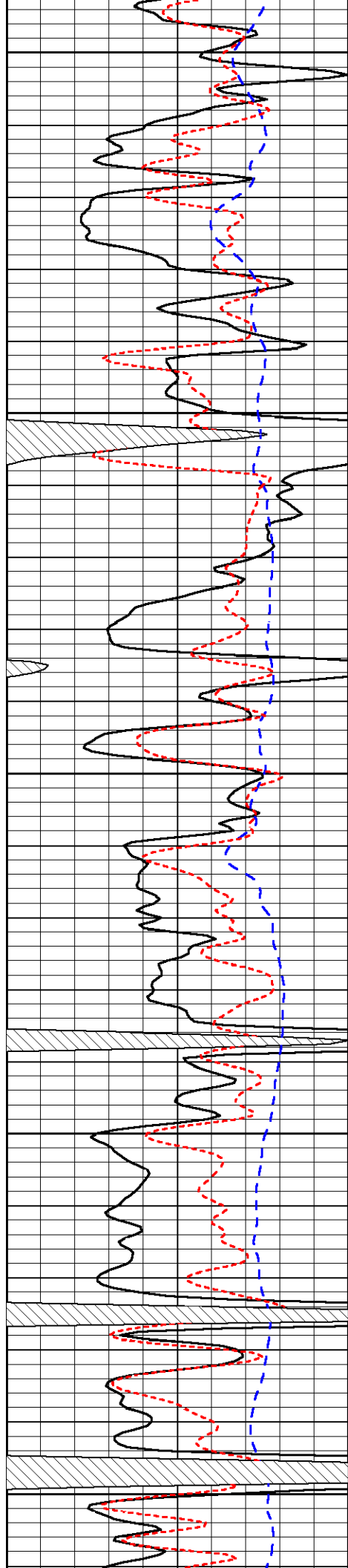


-33

-32

-32

-32



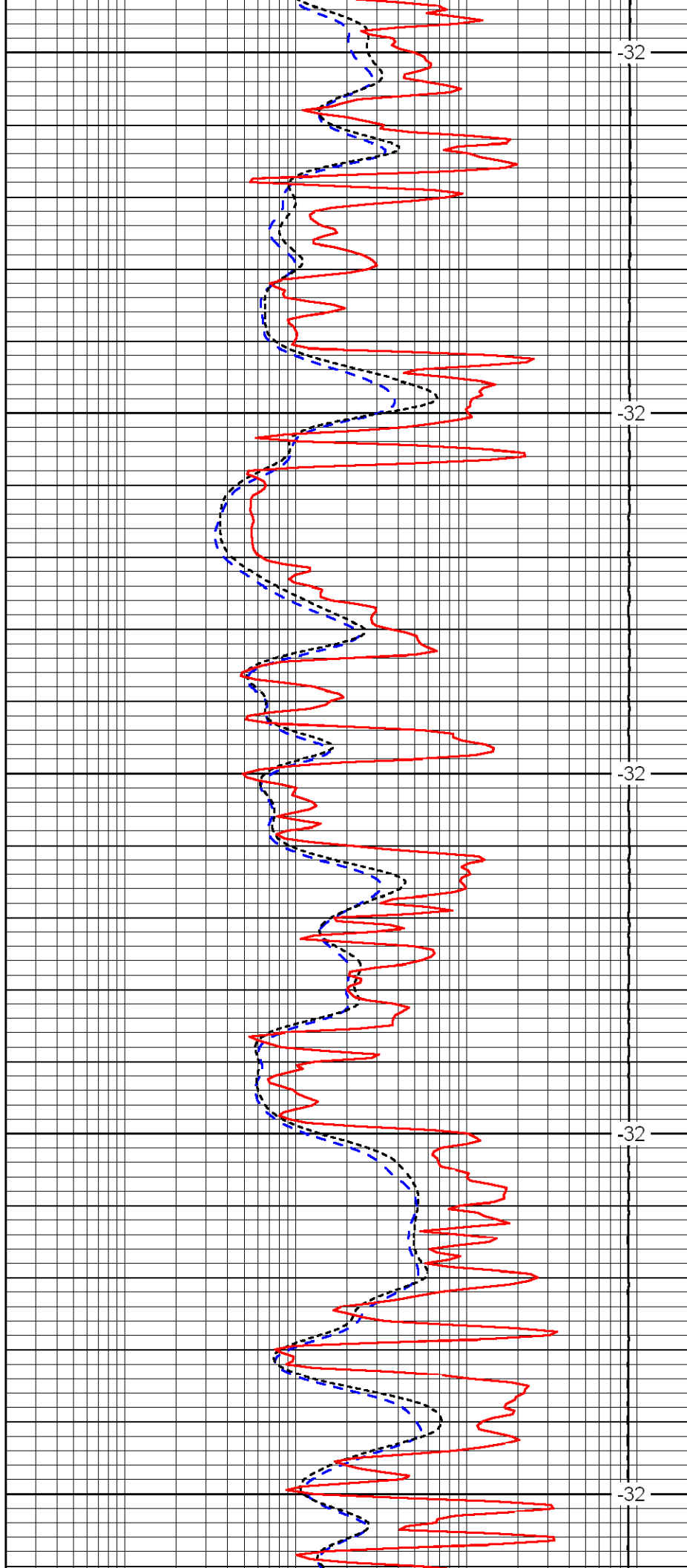
4450

4500

4550

4600

4650



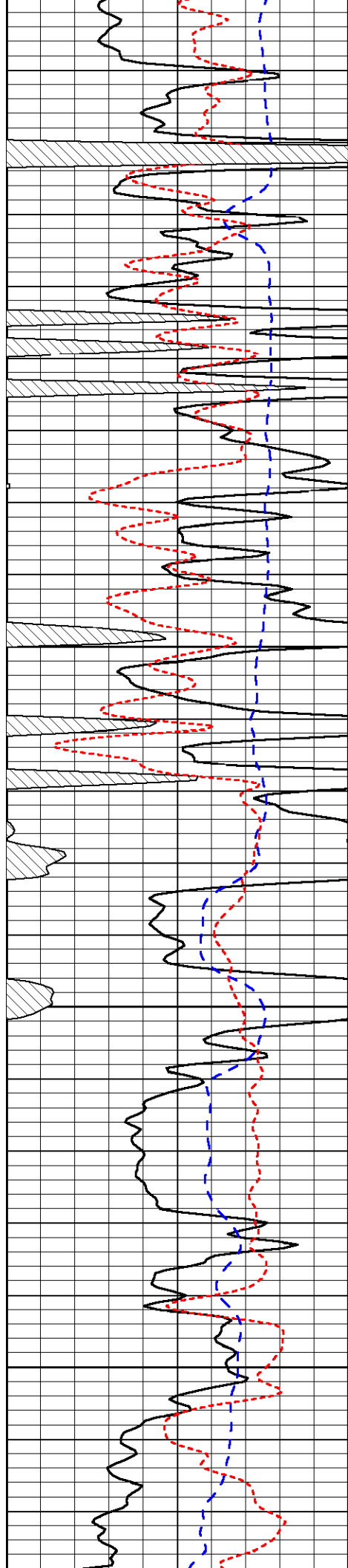
-32

-32

-32

-32

-32

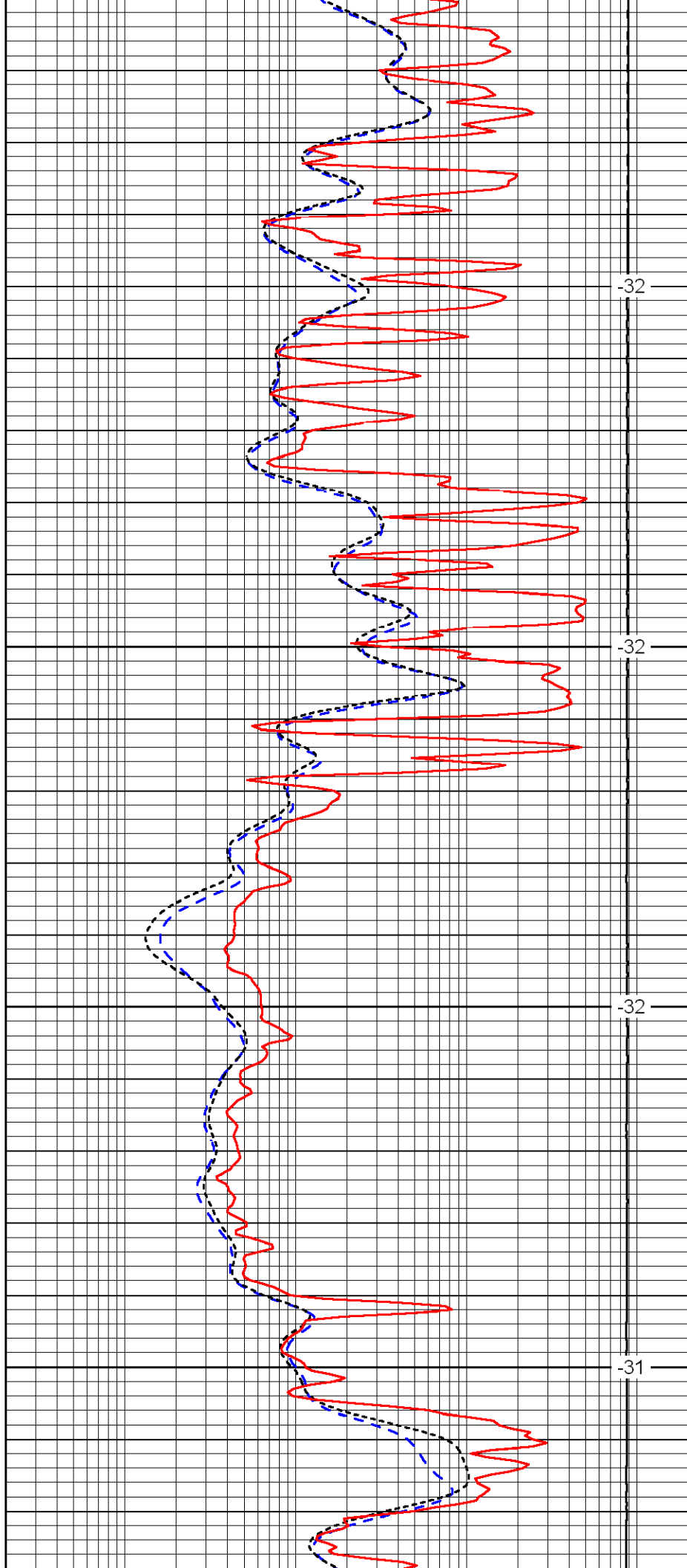


4700

4750

4800

4850

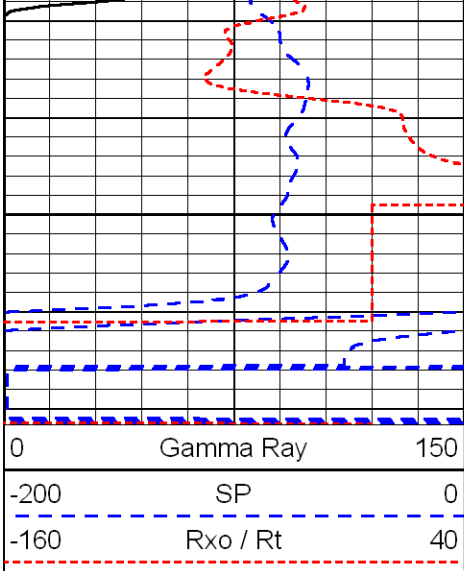


-32

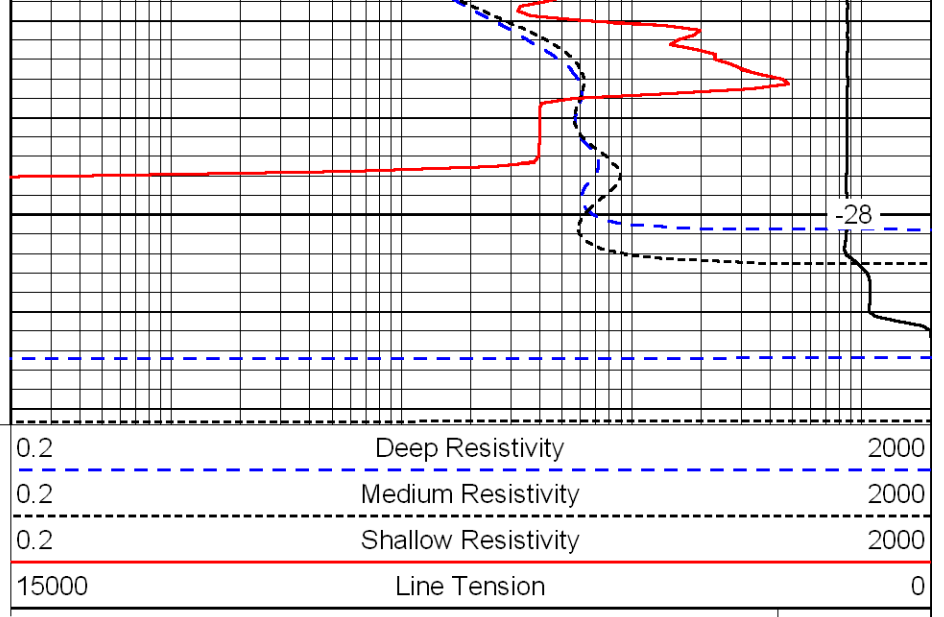
-32

-32

-31



4900



-28

LSPD