

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-039-21090-00-00

Company Murfin Drilling Company, Inc.

Well DK Brown No. 1-33

Field Wildcat

County Decatur

State

Kansas

Location 330' FSL & 1200' FEL

Sec: 33

Twp: 3S

Rge: 27 W

Elevation

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 2599
5 Ft. Above Perm. Datum
K.B. 2604
D.F. 2599
G.L. 2599

Date

3/10/2009

Run Number

One

Depth Driller

3800

Depth Logger

3792

Bottom Logged Interval

3791

Top Log Interval

200

Casing Driller

8.625 @ 217

Casing Logger

217

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

3.000

Density / Viscosity

9.2 55

pH / Fluid Loss

11.0 6.4

Source of Sample

Flowline

Rm @ Meas. Temp

1.40 @ 48

Rmf @ Meas. Temp

1.05 @ 48

Rmc @ Meas. Temp

1.89 @ 48

Source of Rmf / Rmc

Charts

Rm @ BHT

0.59 @ 114

Operating Rig Time

4 Hours

Max Rec. Temp. F

114

Equipment Number

15

Location

Hays

Recorded By

B. Becker

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

Norcat, Ks; West to Road 8E; 5 South;
2 East; 3/4 South; West Into

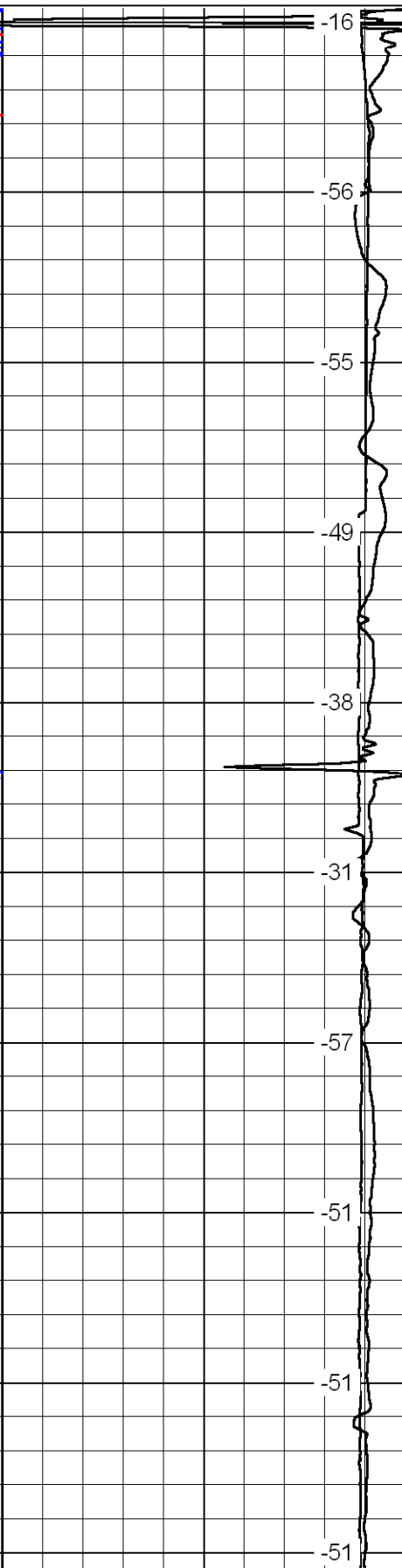
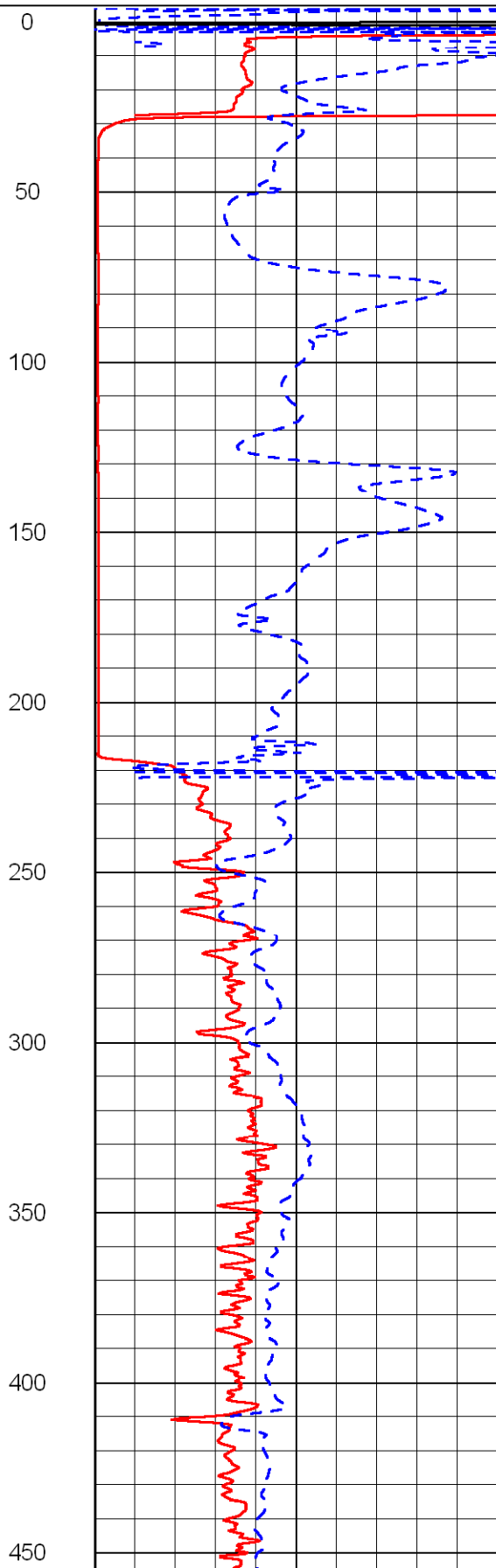
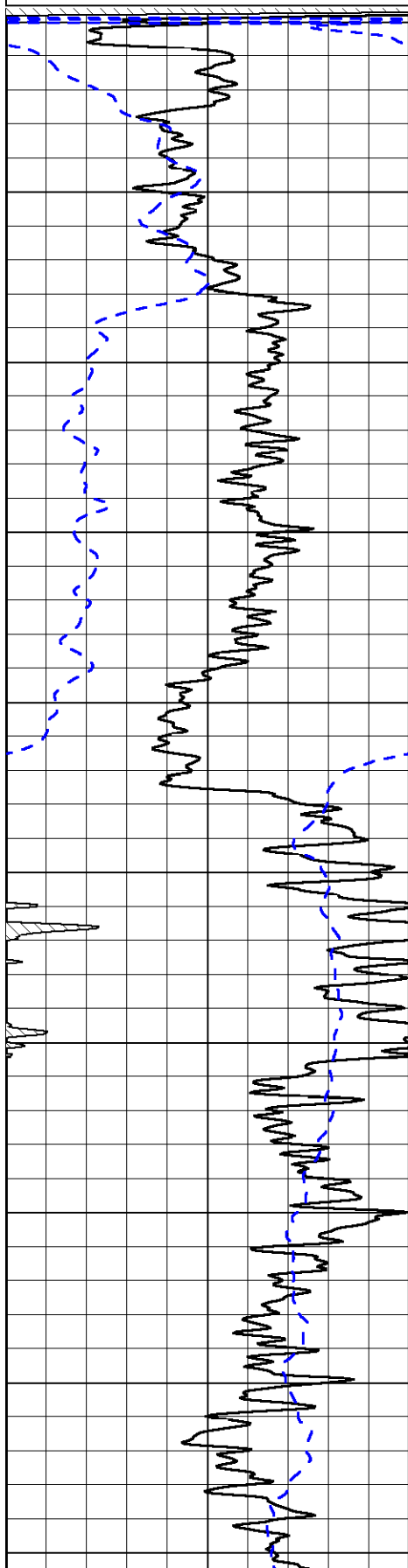
Database File: c:\warrior\data\murfin_dk brown no. 1-33\murfinhd.db
Dataset Pathname: DIL\murfstk
Presentation Format: dil2in
Dataset Creation: Tue Mar 10 12:25:00 2009
Charted by: Depth in Feet scaled 1:600

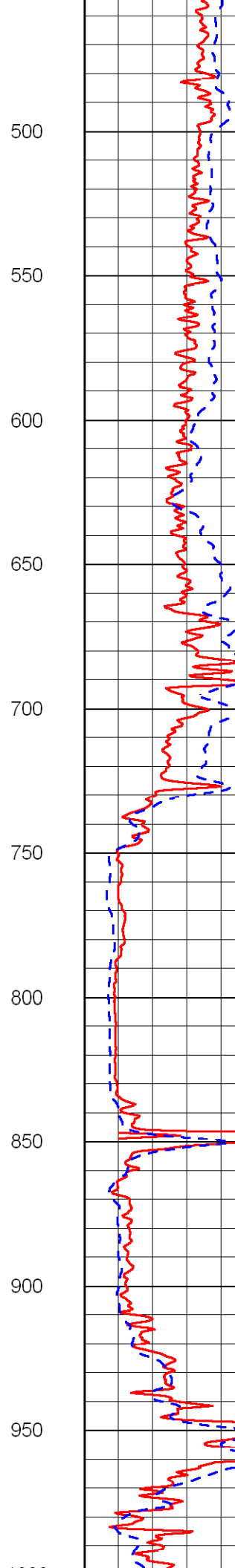
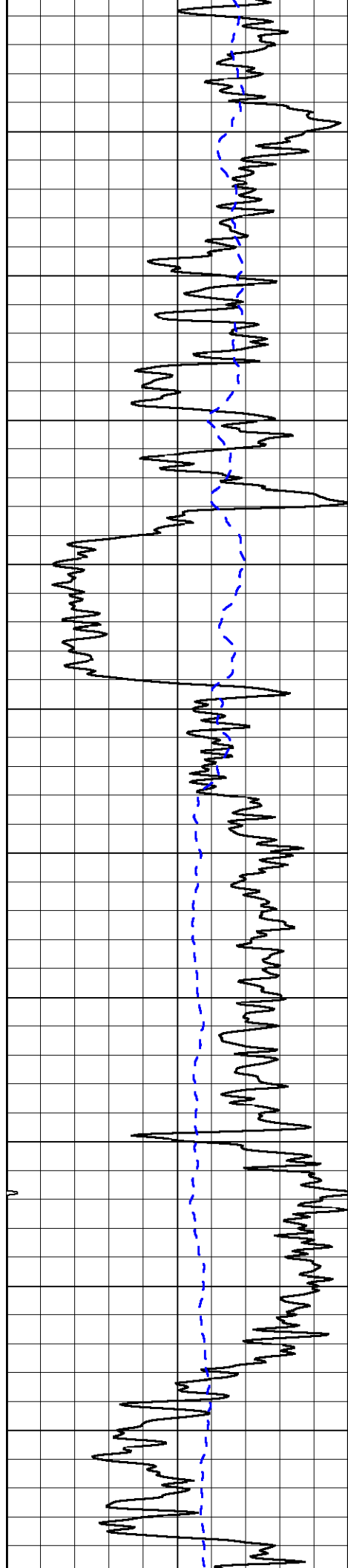
0 Gamma Ray 150
-200 SP (MV) 0

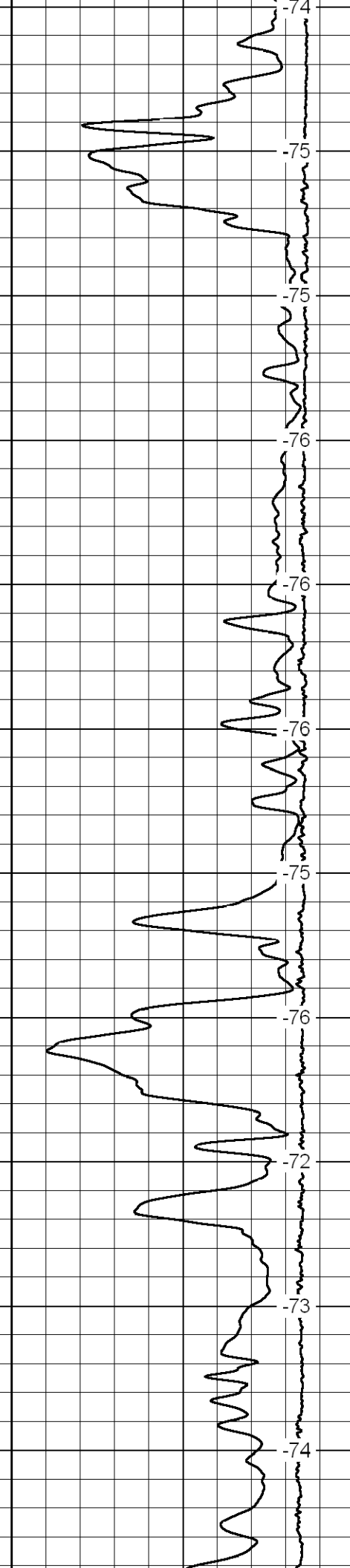
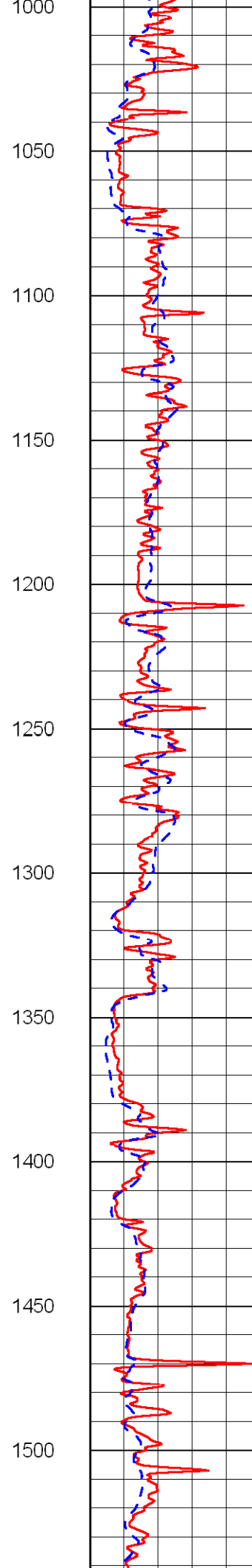
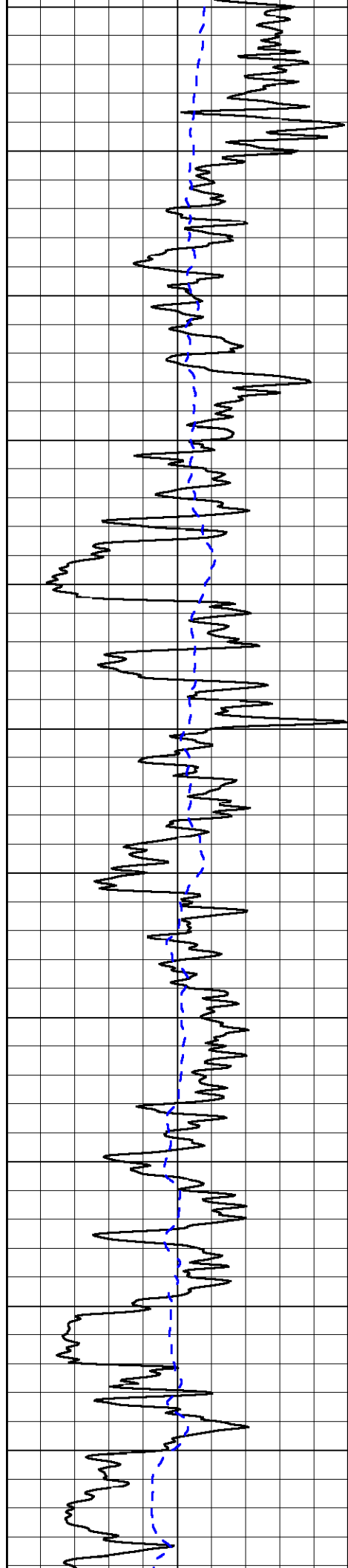
0 Shallow Resistivity (Ohm-m) 50
0 Deep Resistivity (Ohm-m) 50
1000 Conductivity (mmho/m) 0
15000 Line Tension (lb) 0

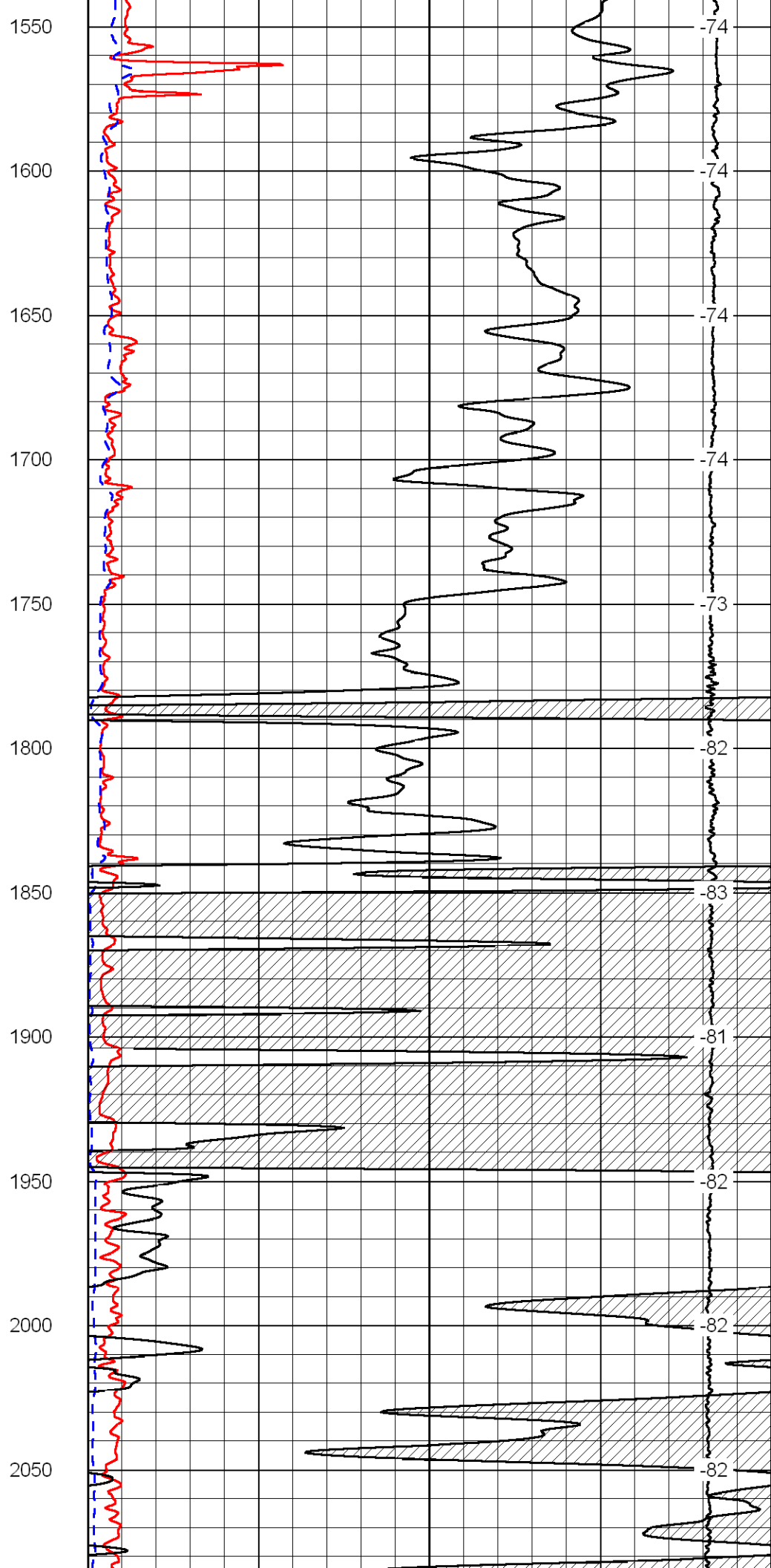
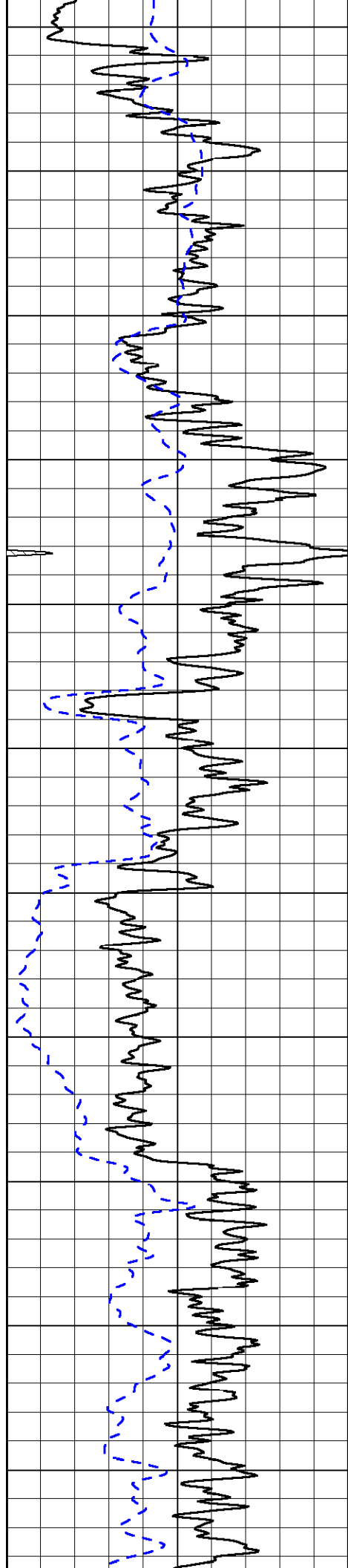
Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

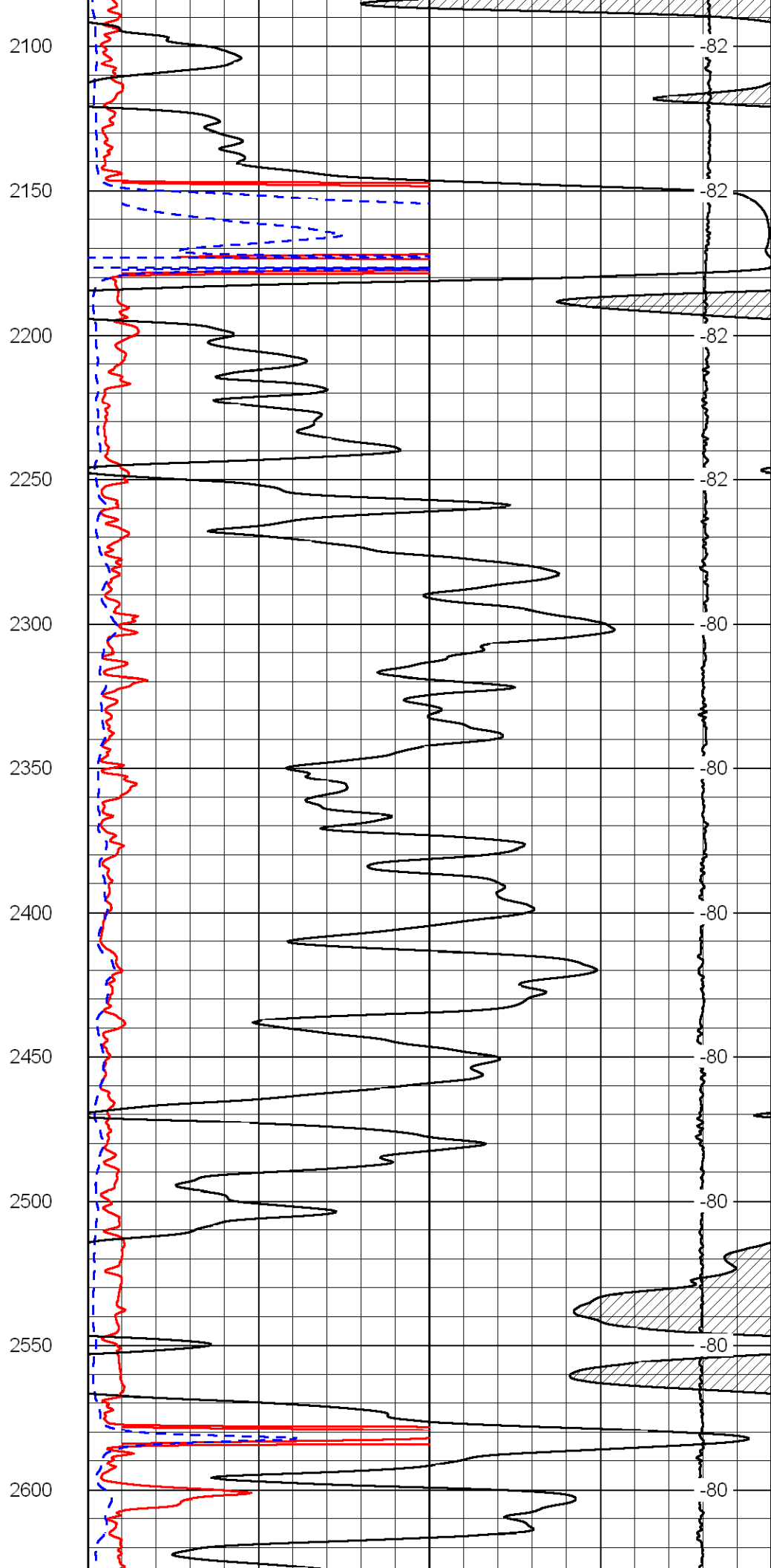
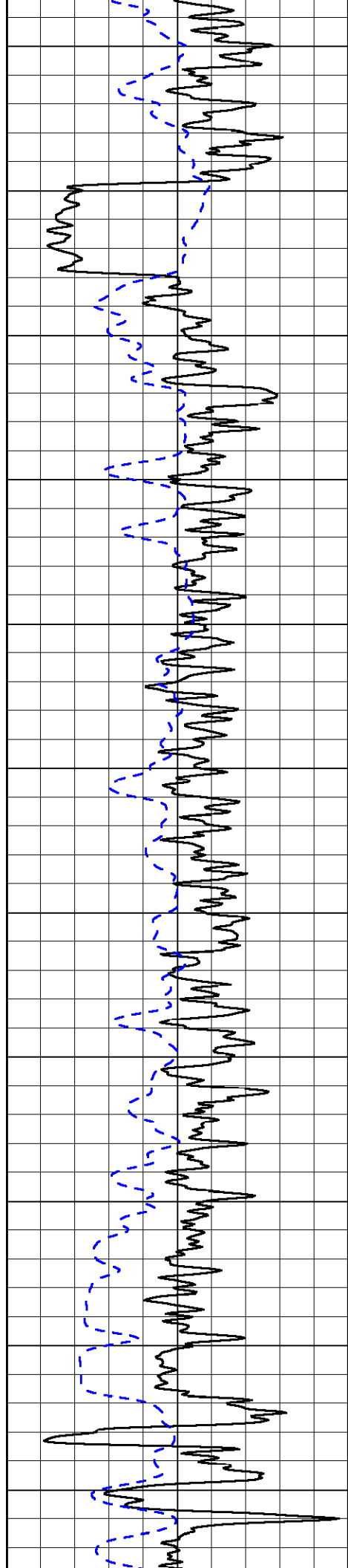
LSPD
(ft/min)

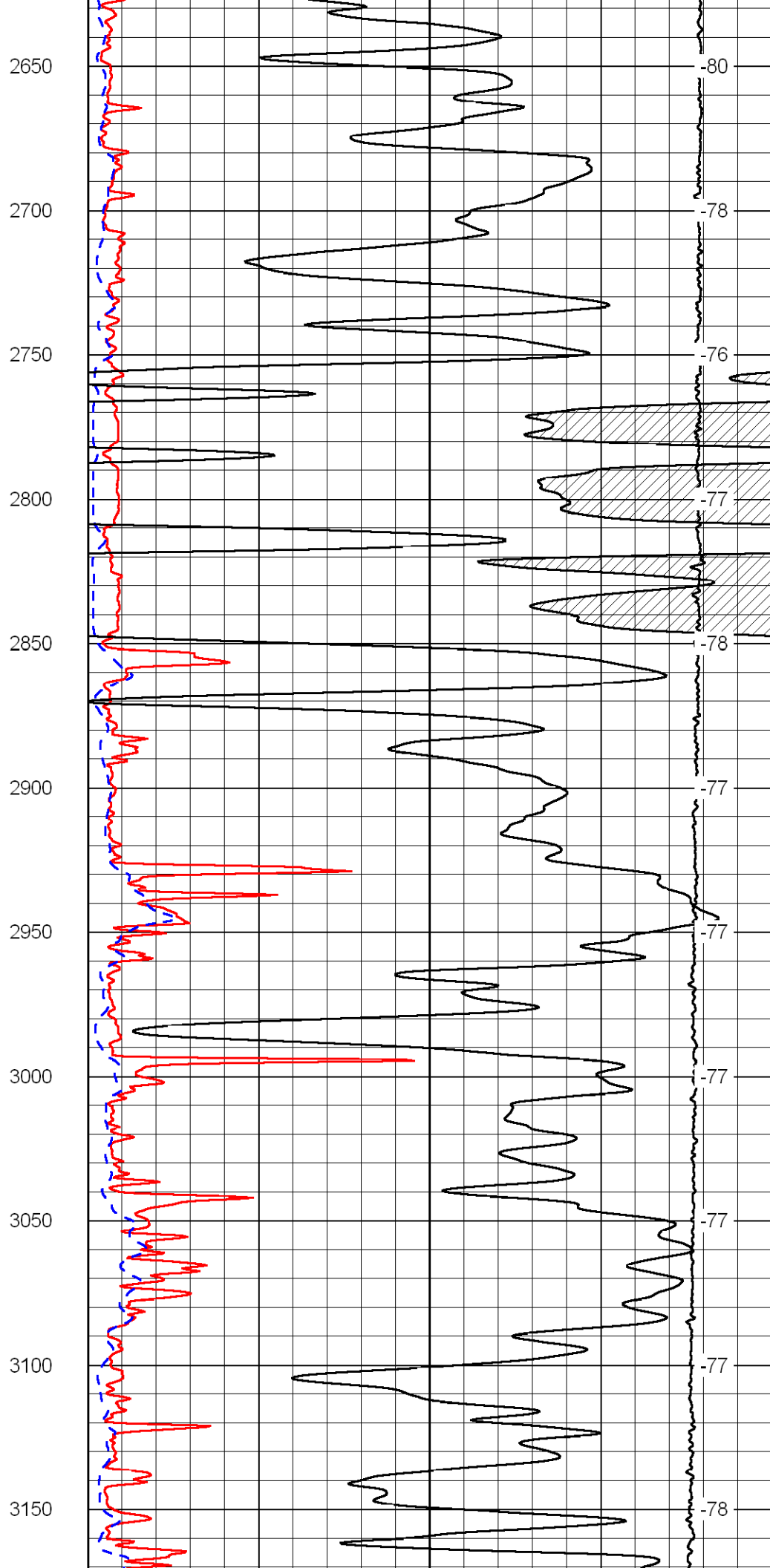
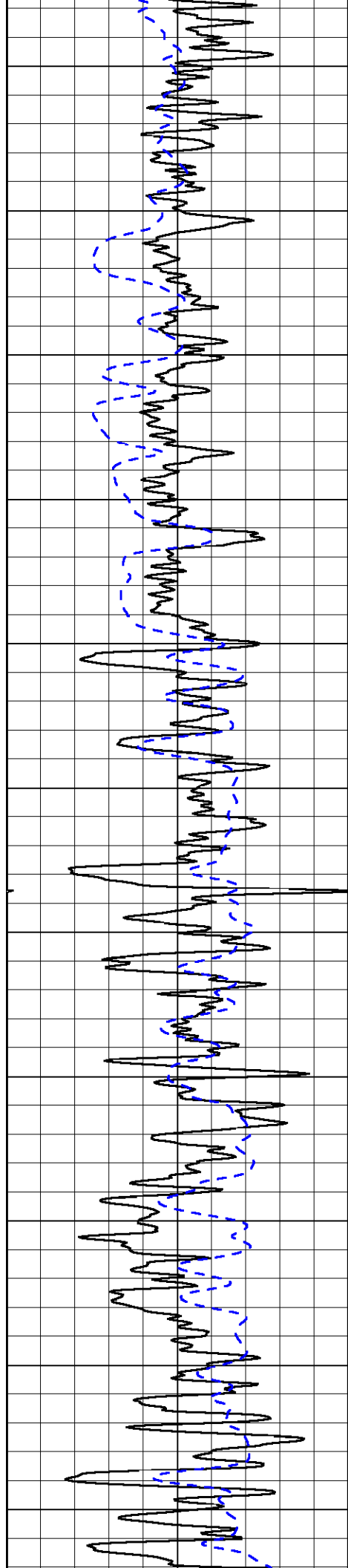


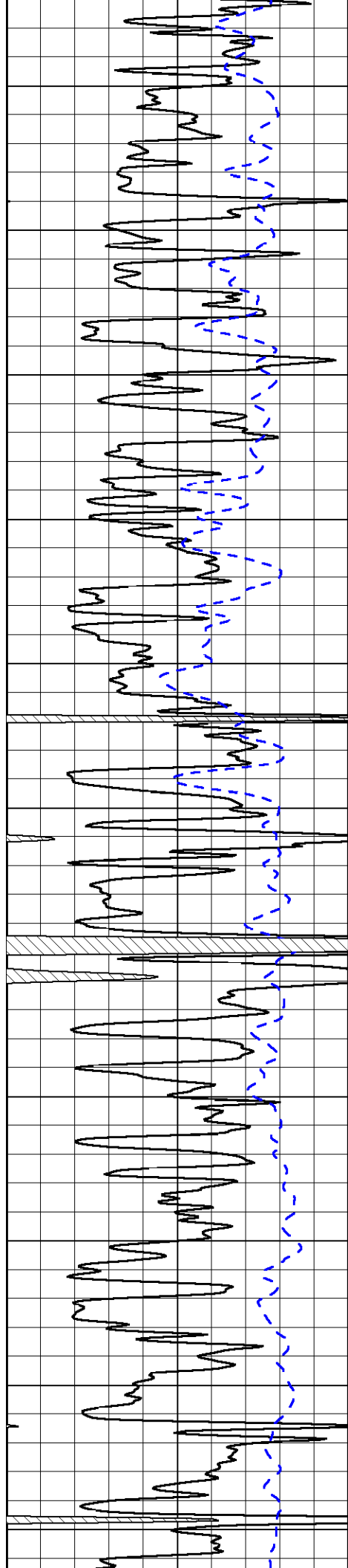












3200

3250

3300

3350

3400

3450

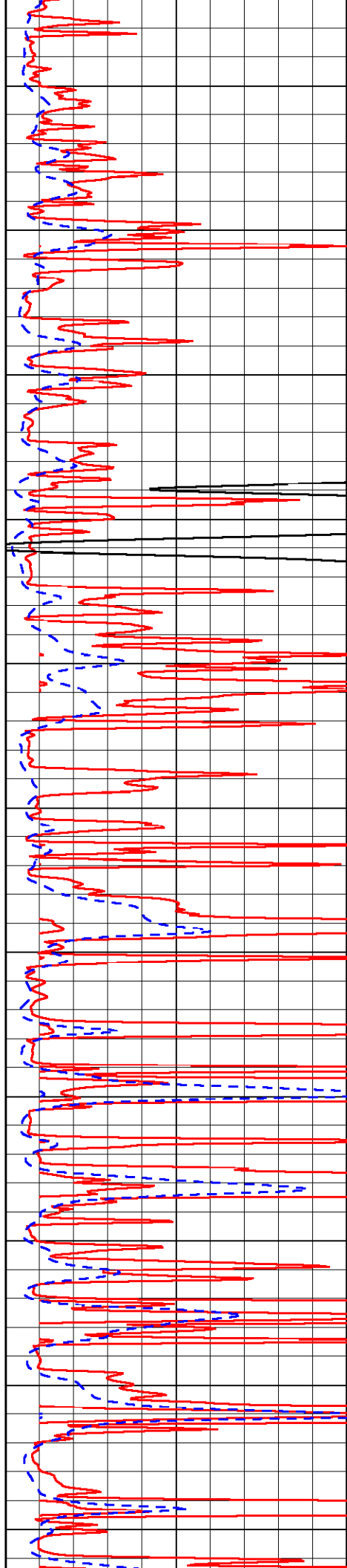
3500

3550

3600

3650

3700



-30

-30

-30

-30

-30

-30

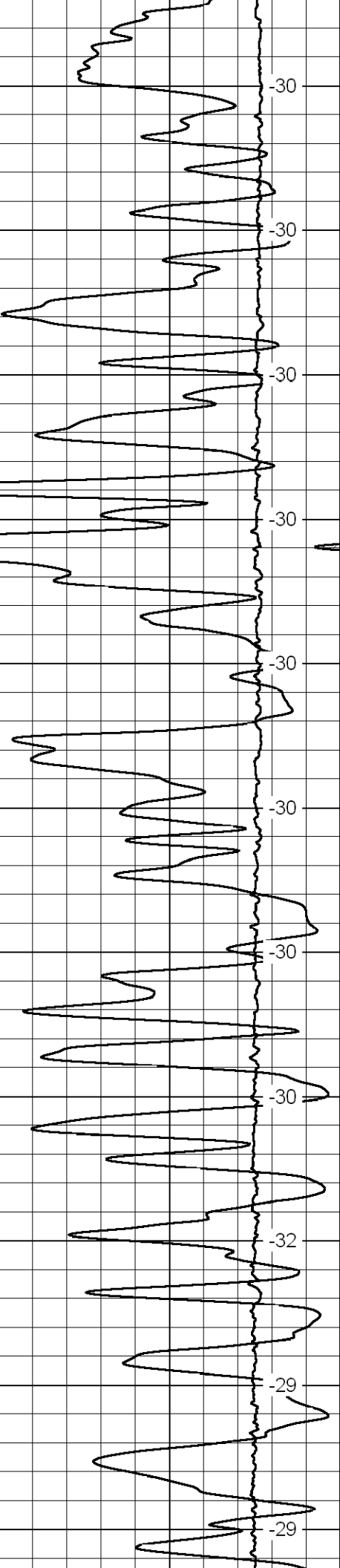
-30

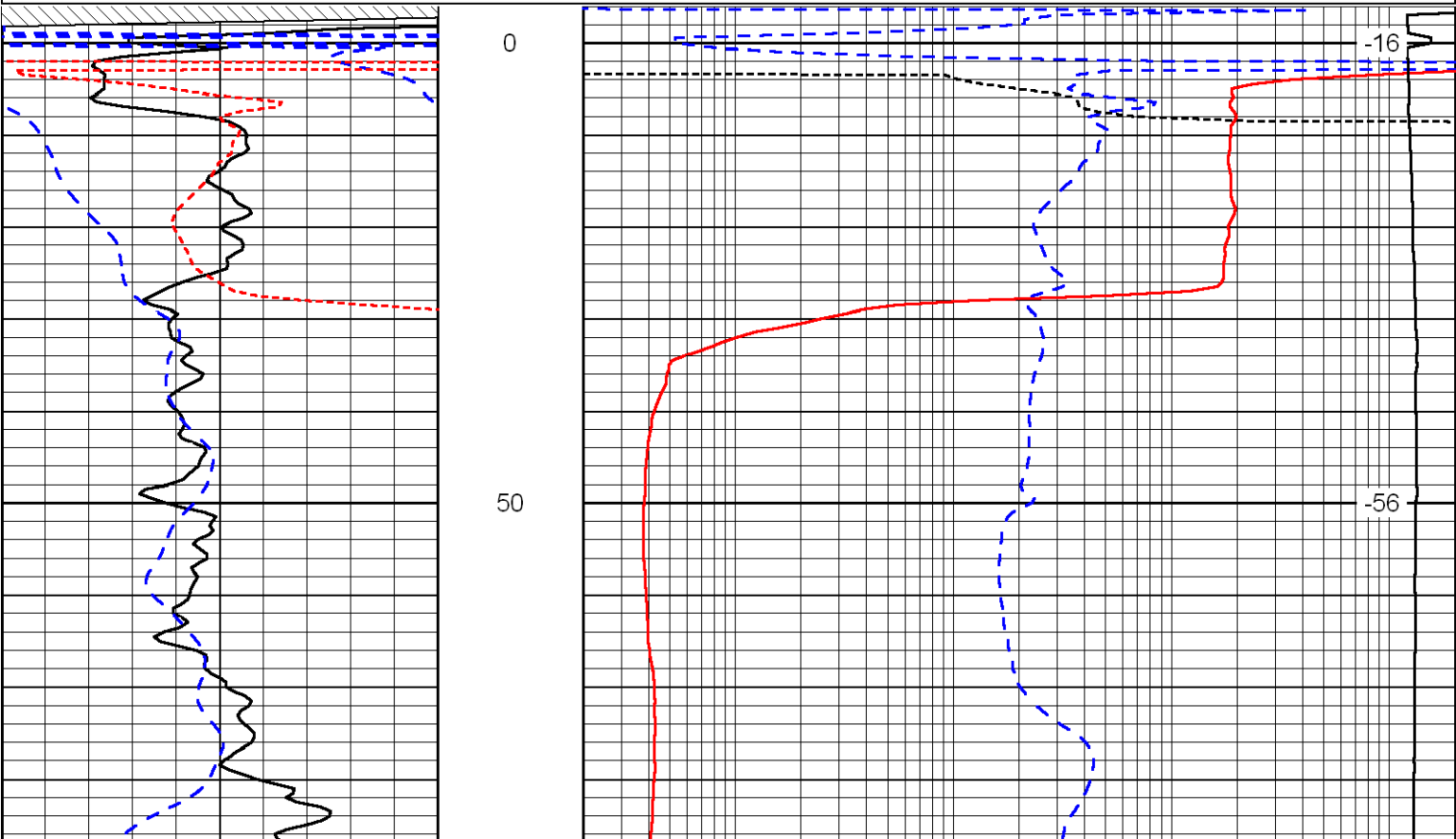
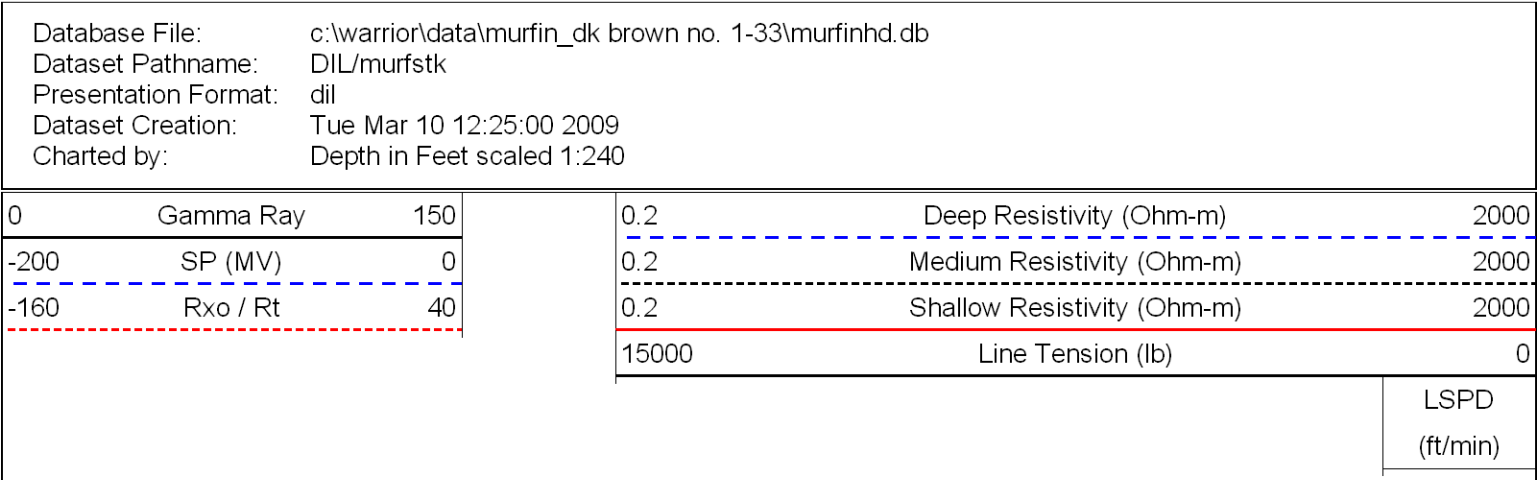
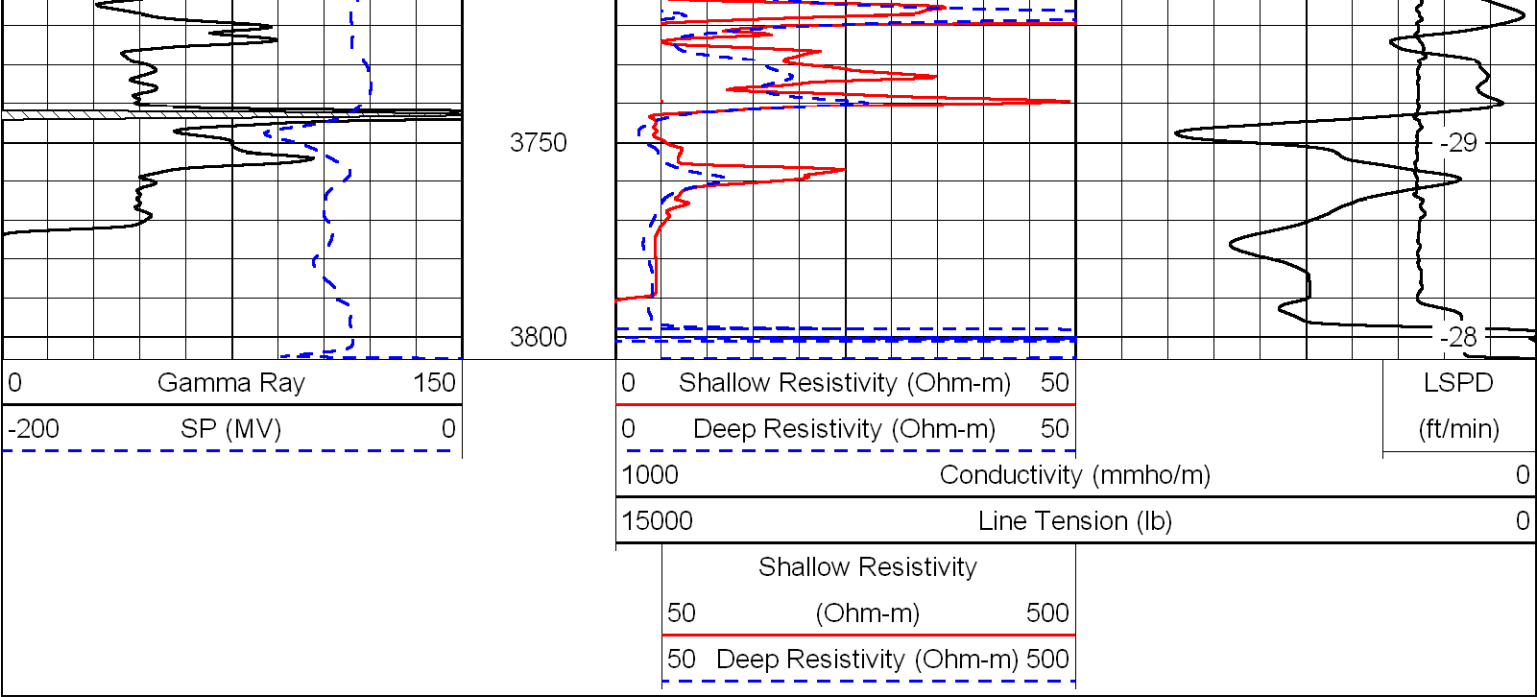
-30

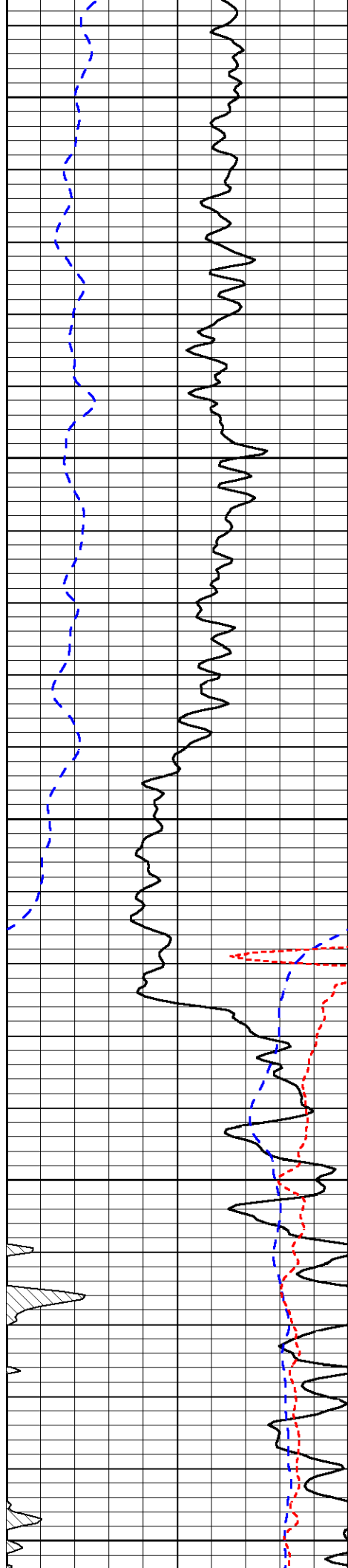
-32

-29

-29







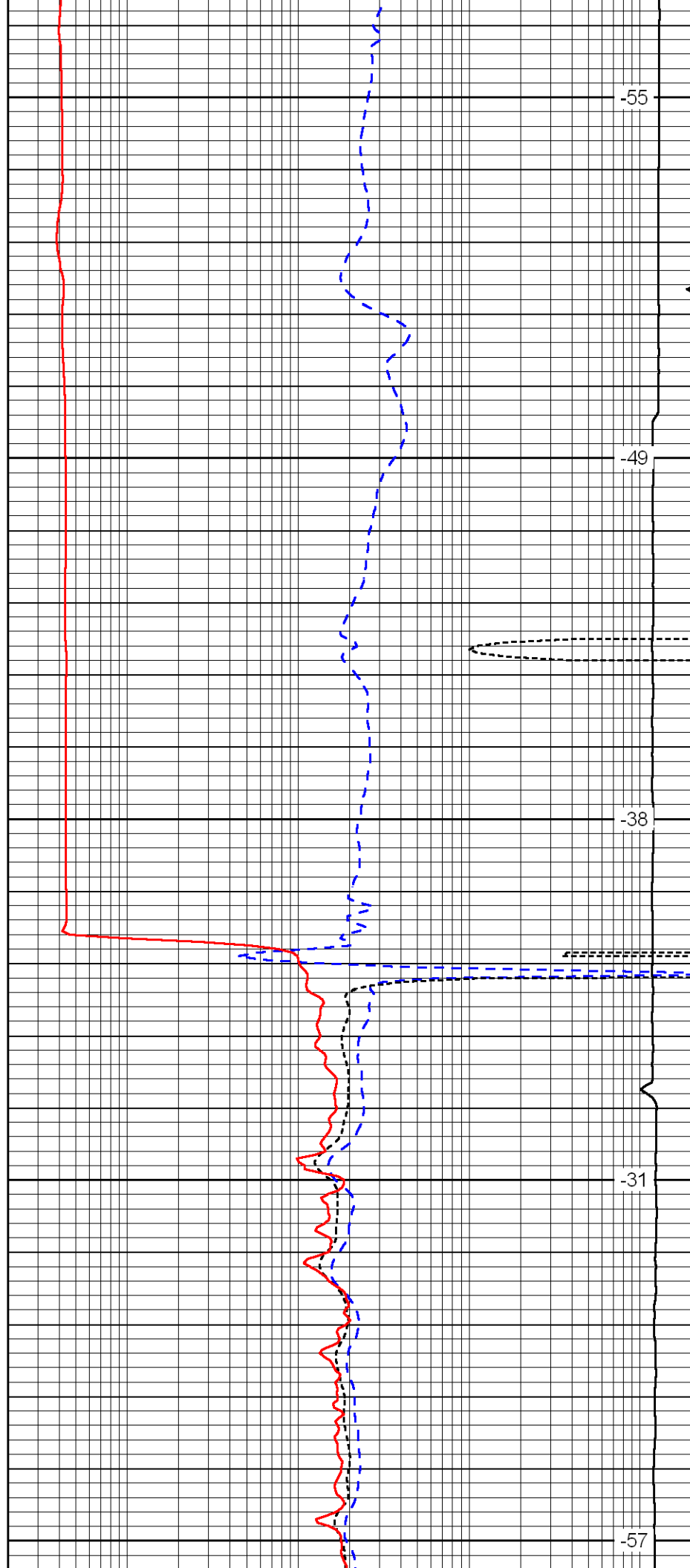
100

150

200

250

300



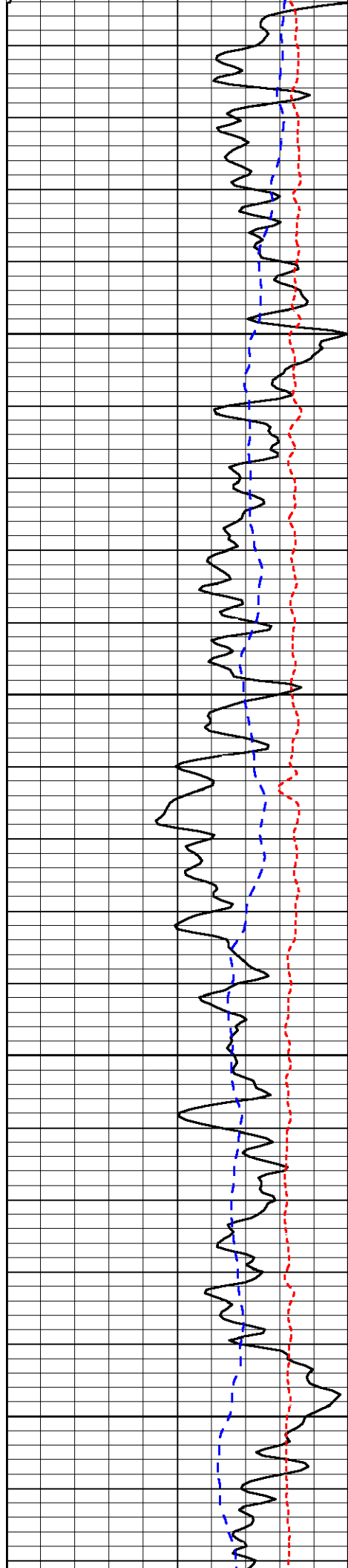
-55

-49

-38

-31

-57

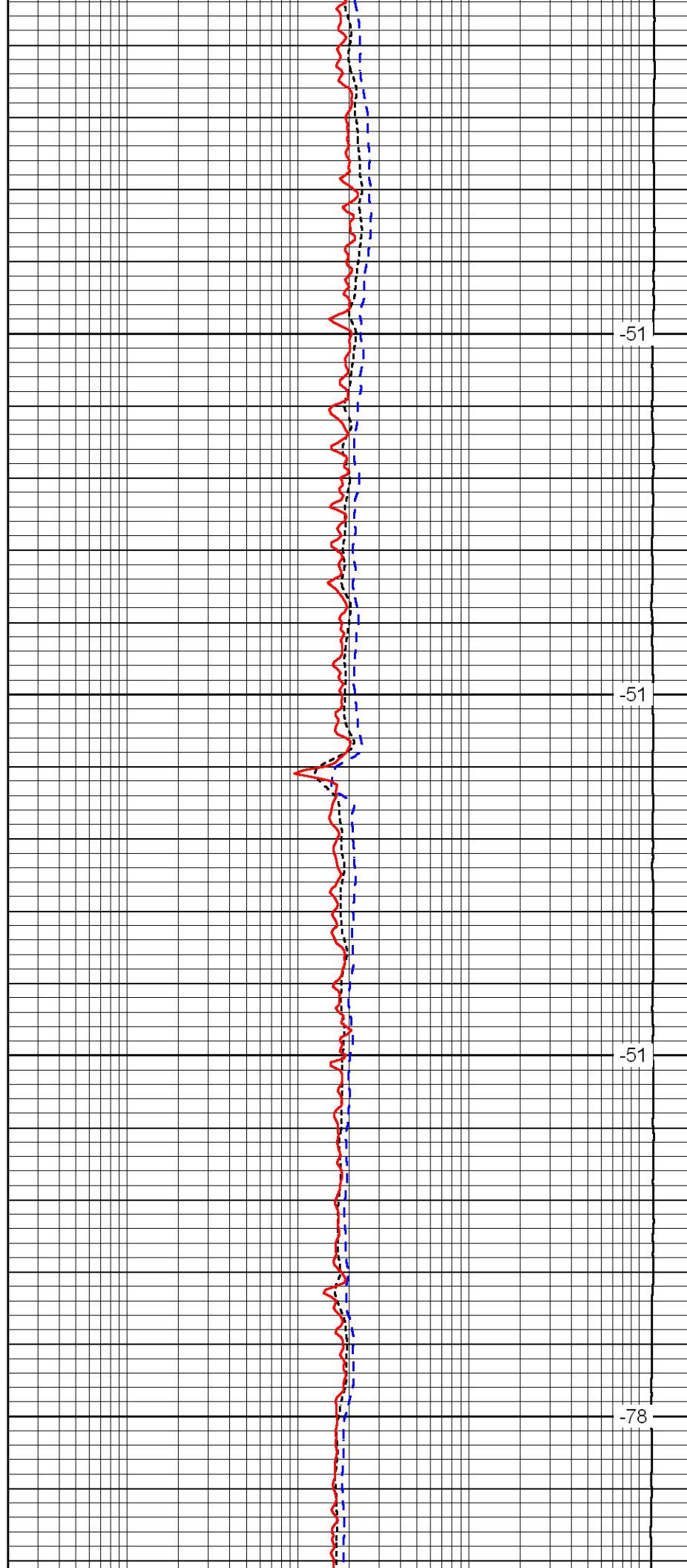


350

400

450

500

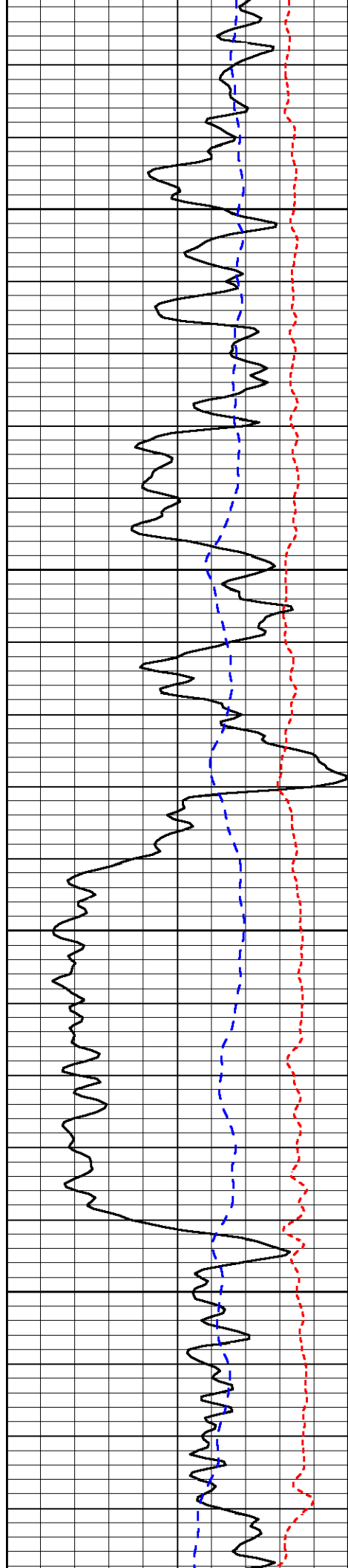


-51

-51

-51

-78

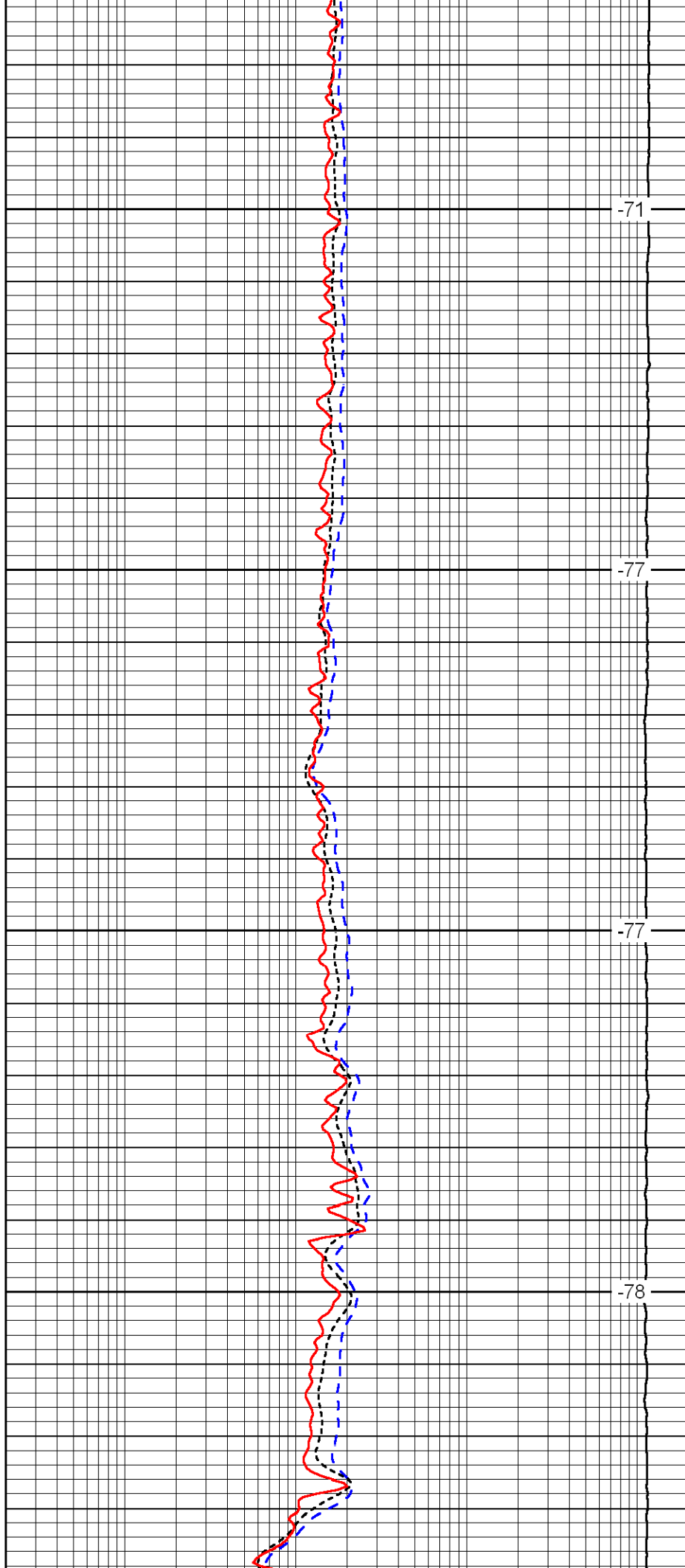


550

600

650

700

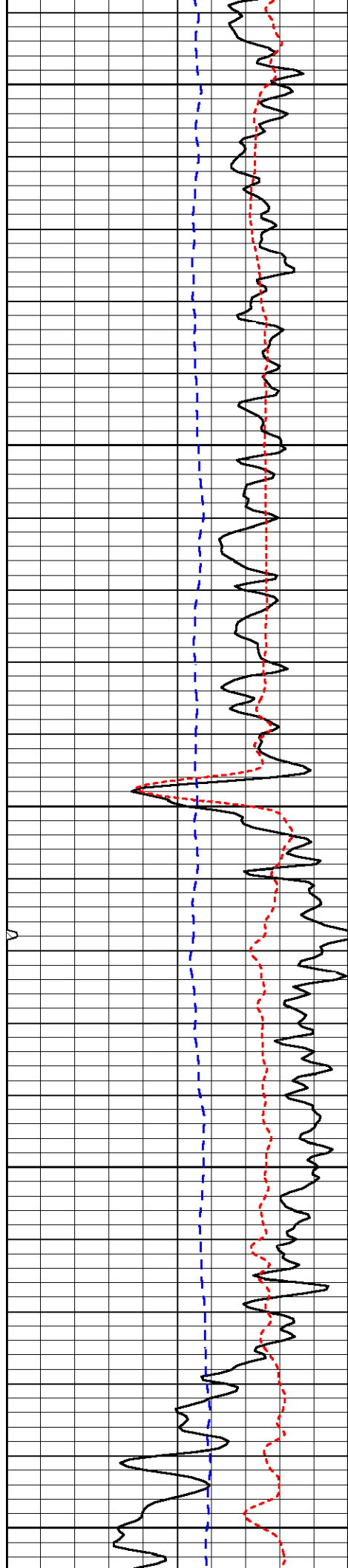


-71

-77

-77

-78



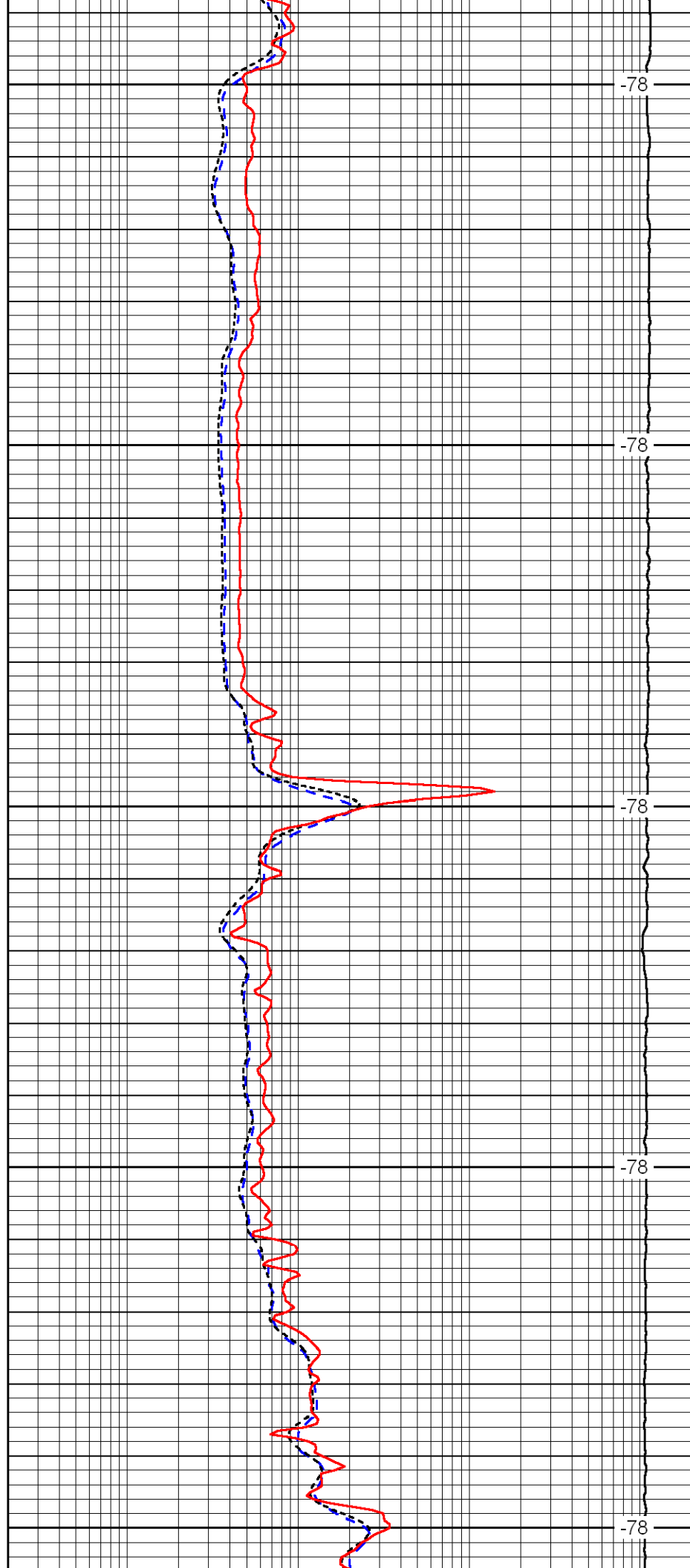
750

800

850

900

950



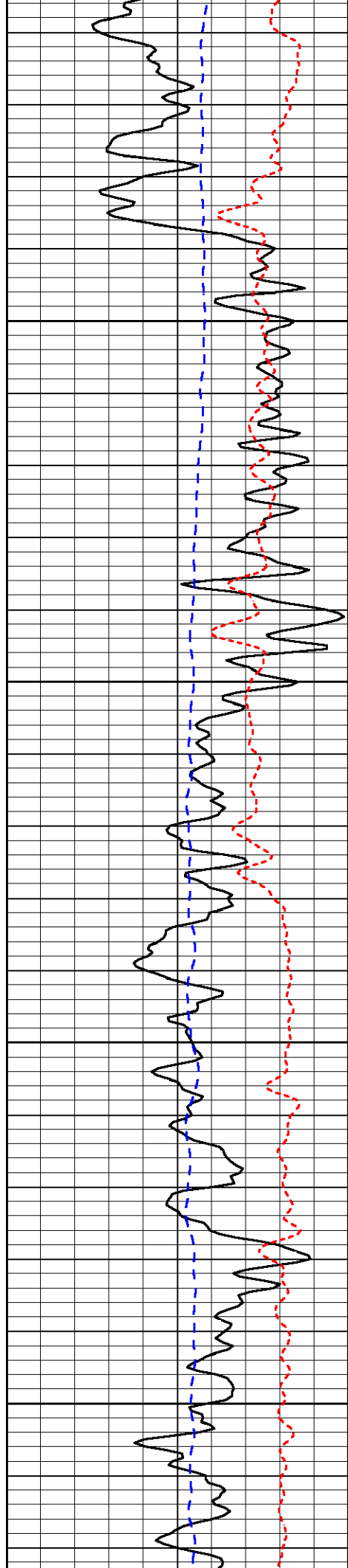
-78

-78

-78

-78

-78

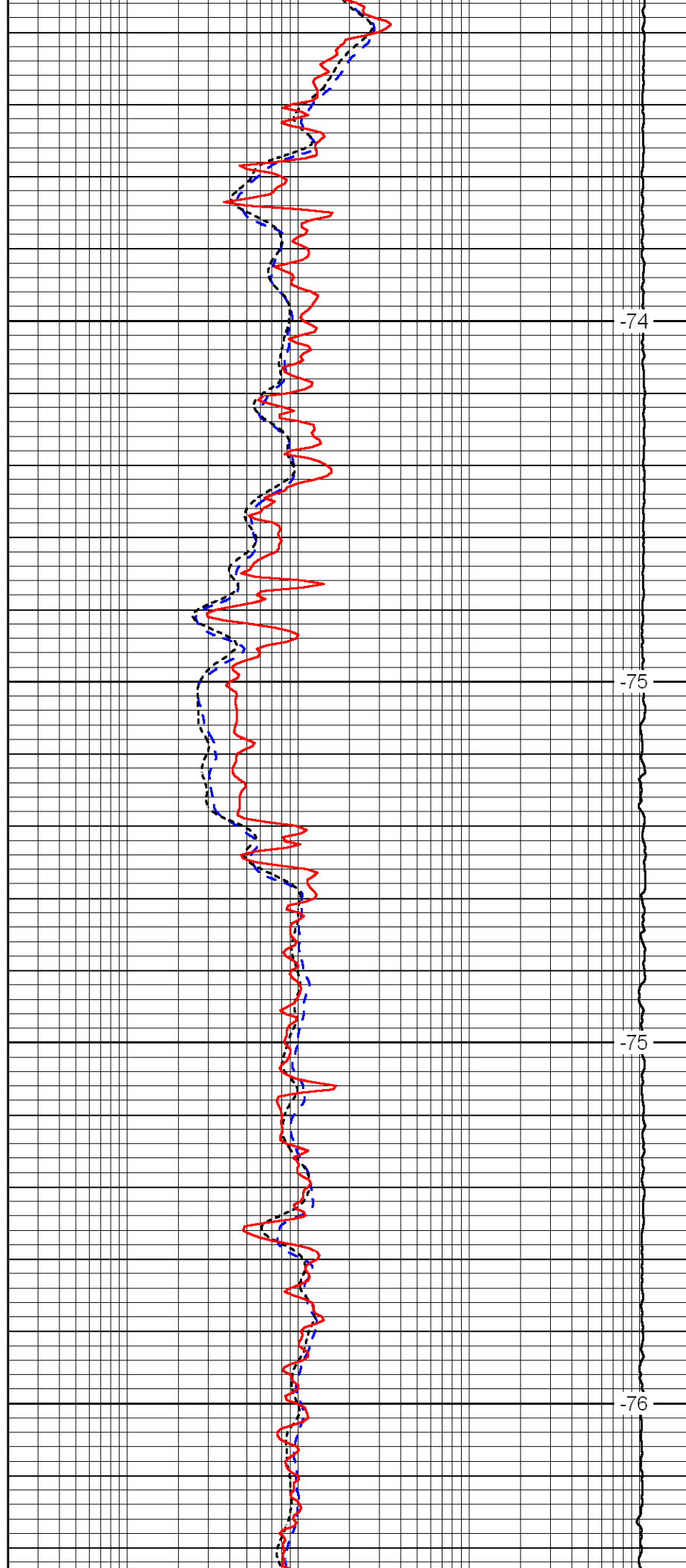


1000

1050

1100

1150

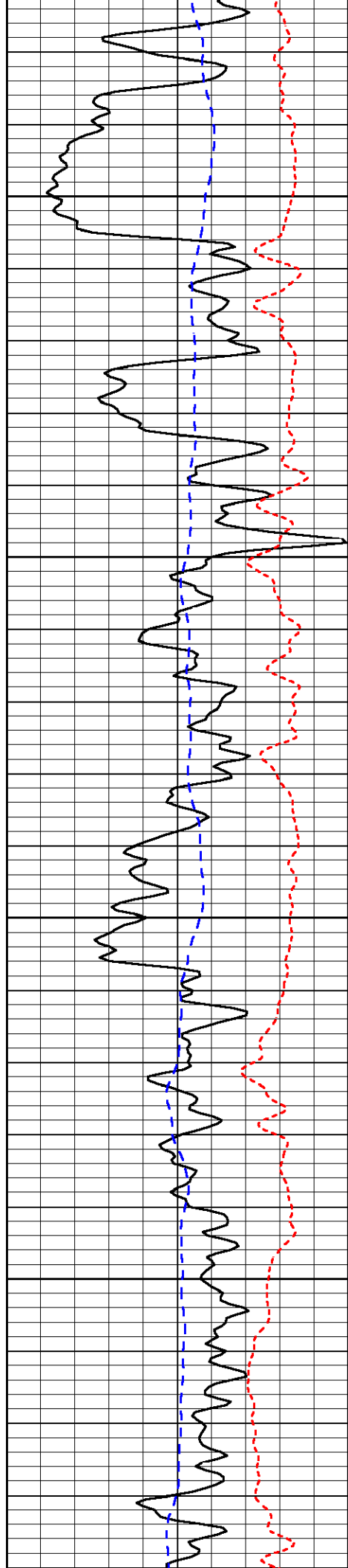


-74

-75

-75

-76

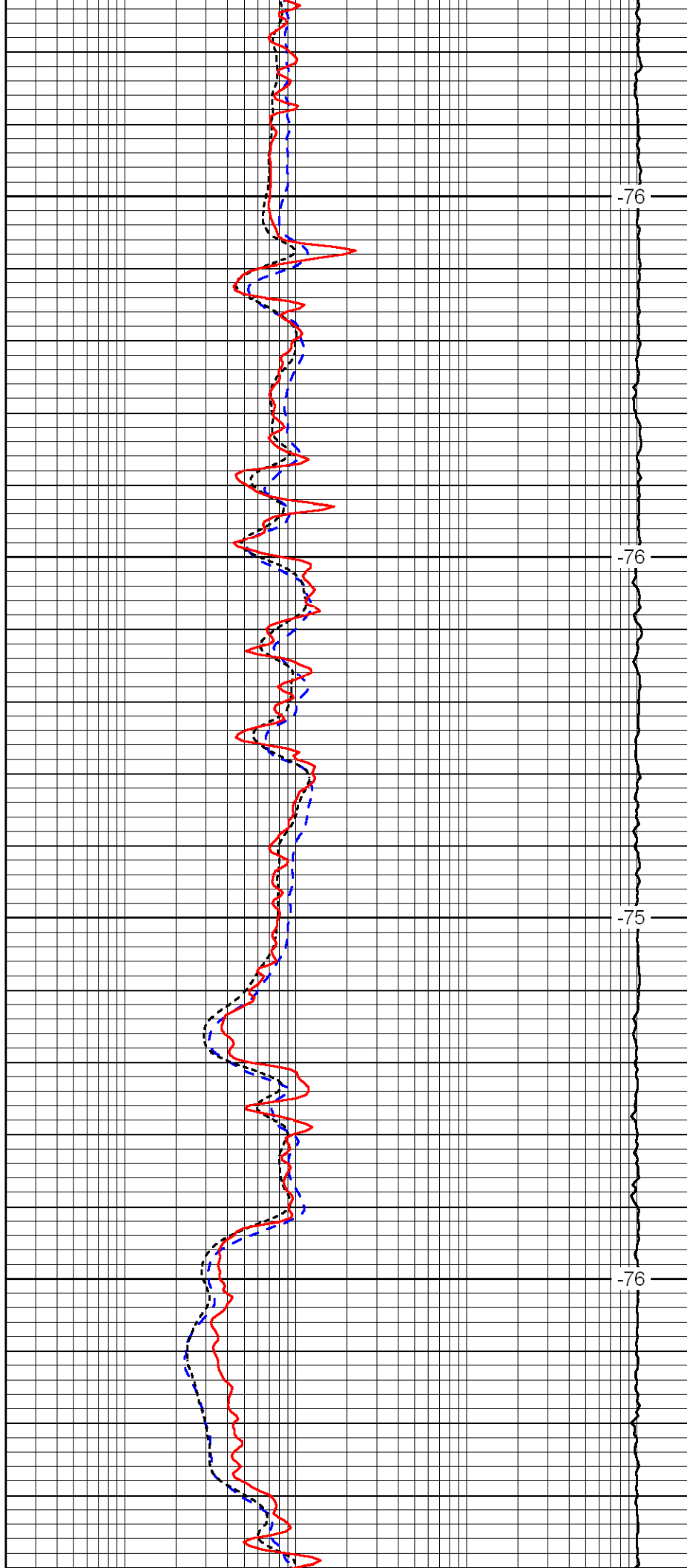


1200

1250

1300

1350

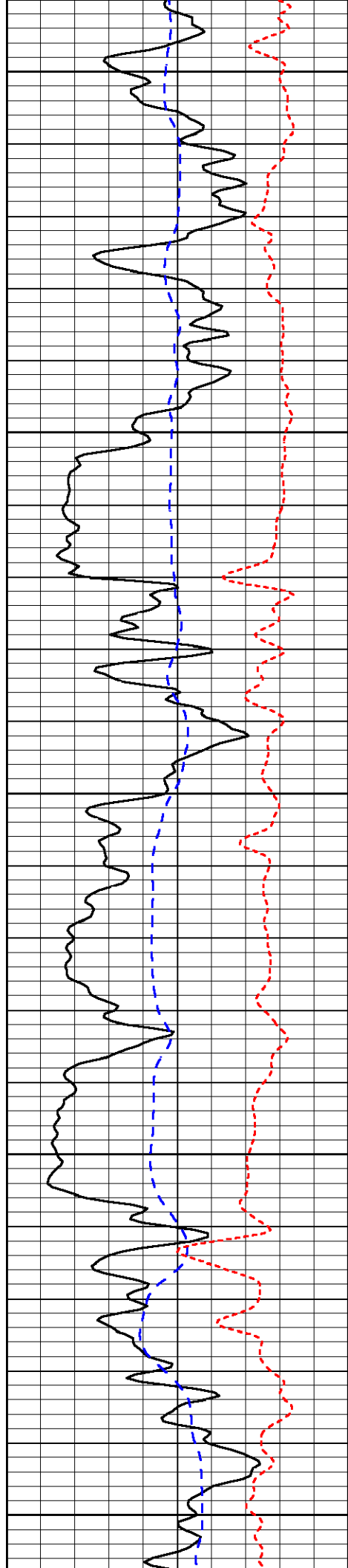


-76

-76

-75

-76



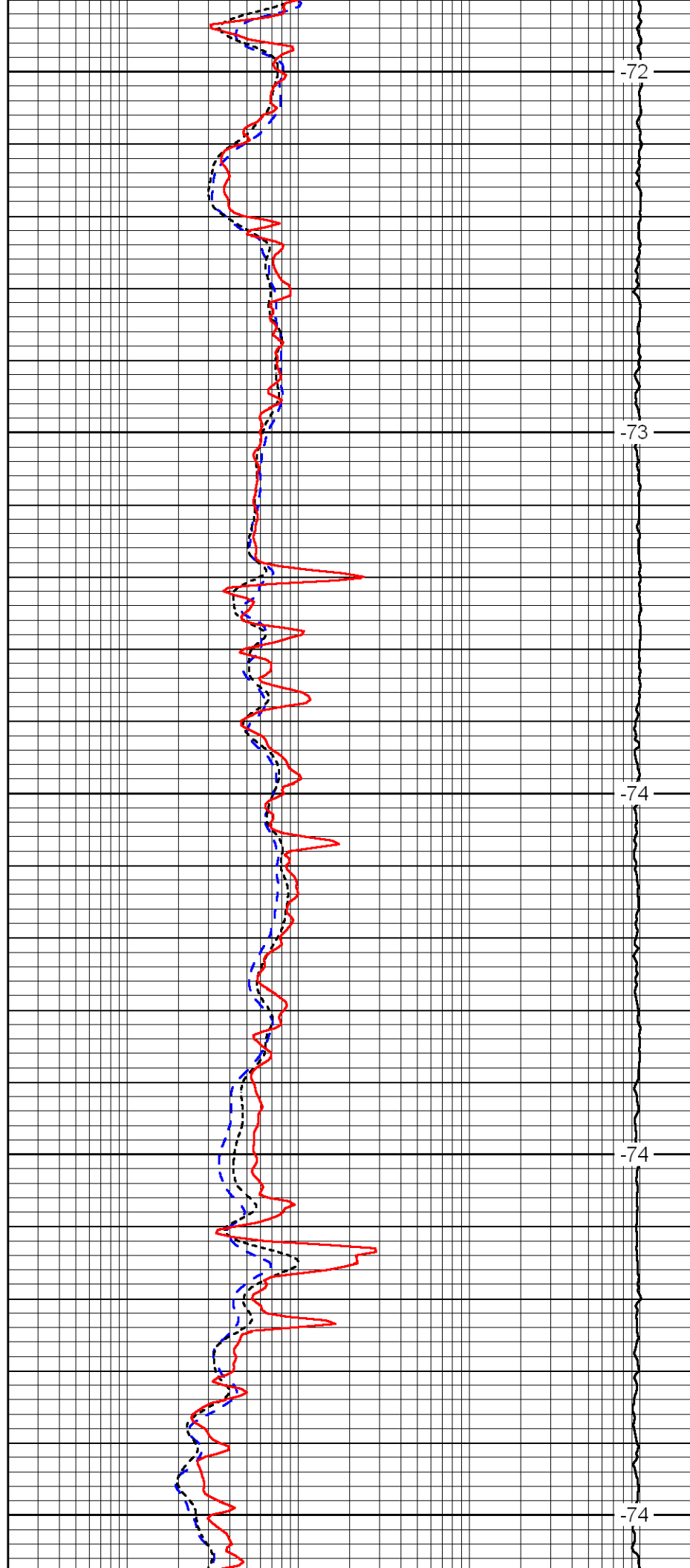
1400

1450

1500

1550

1600



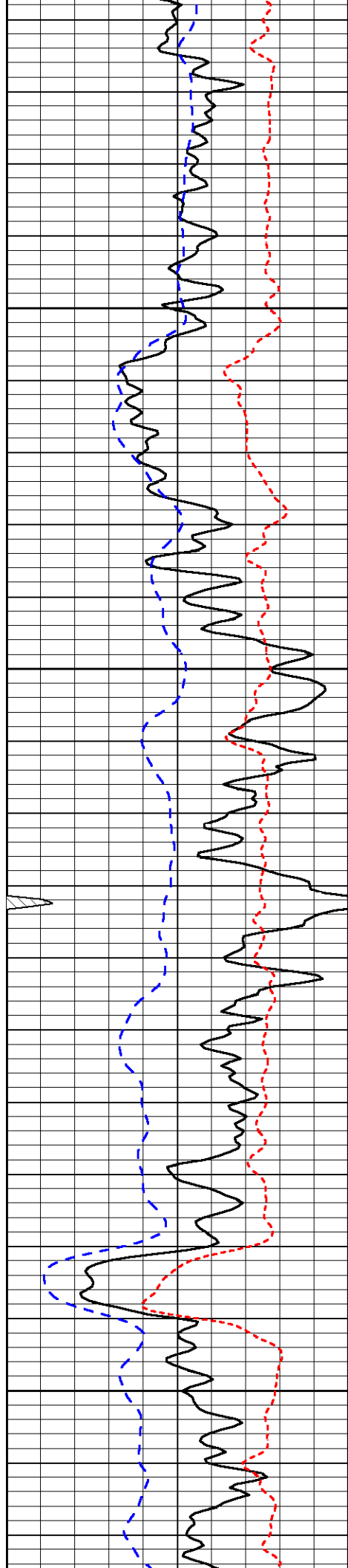
-72

-73

-74

-74

-74

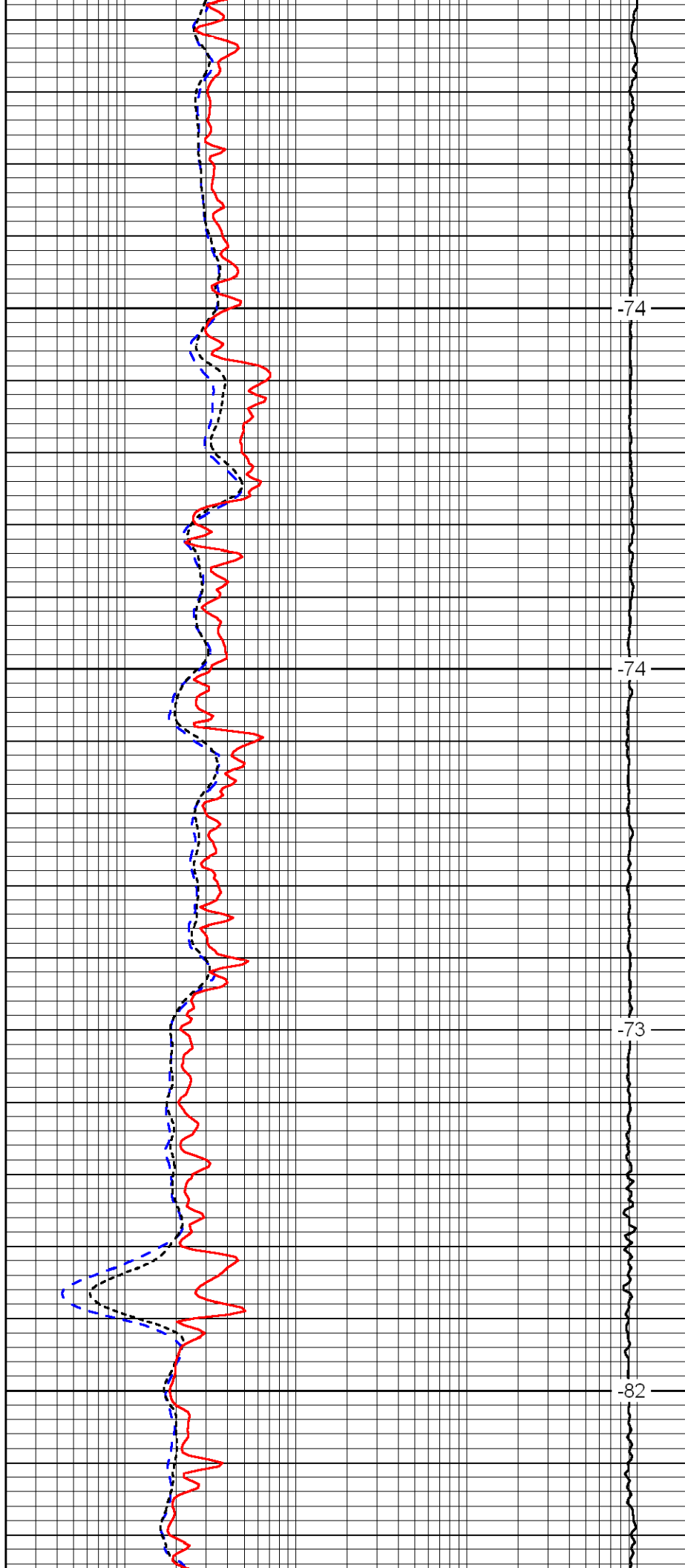


1650

1700

1750

1800

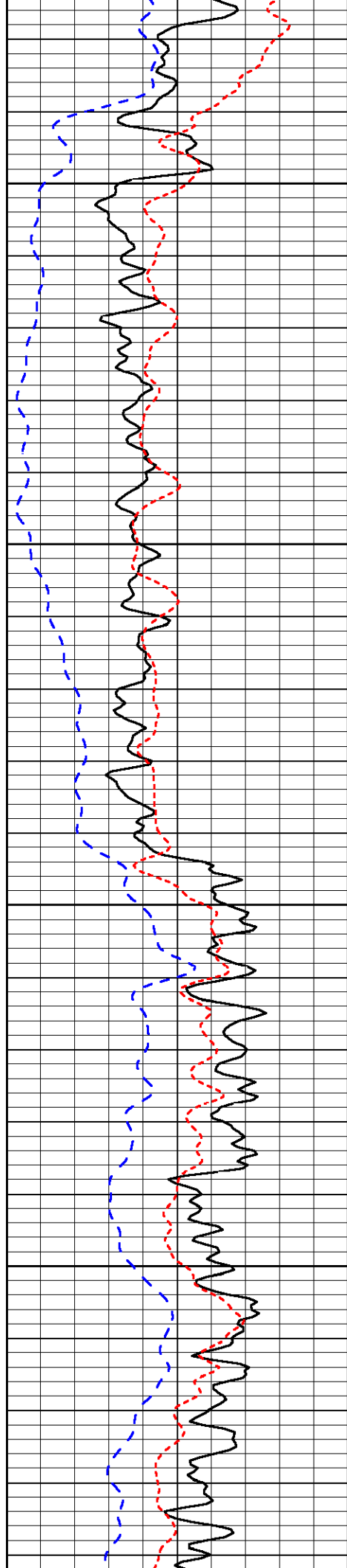


-74

-74

-73

-82

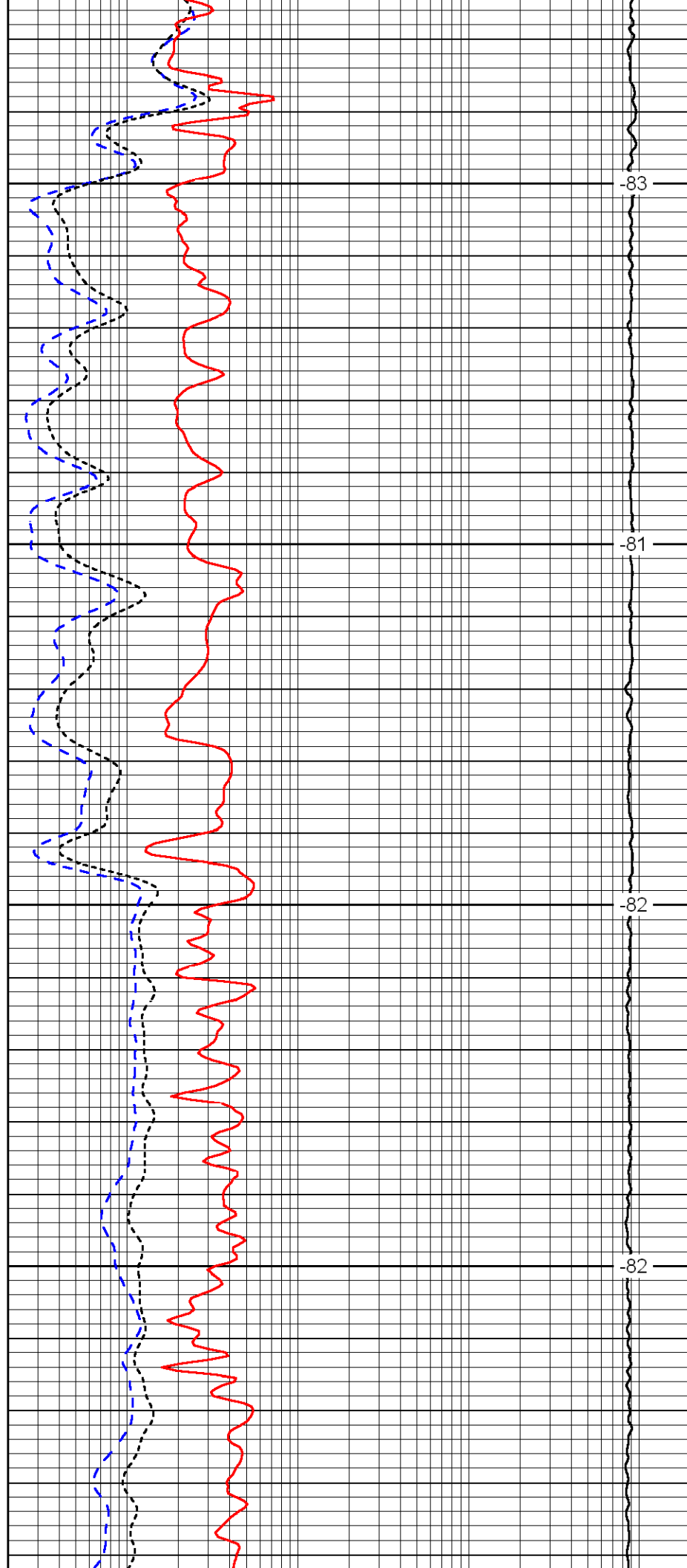


1850

1900

1950

2000

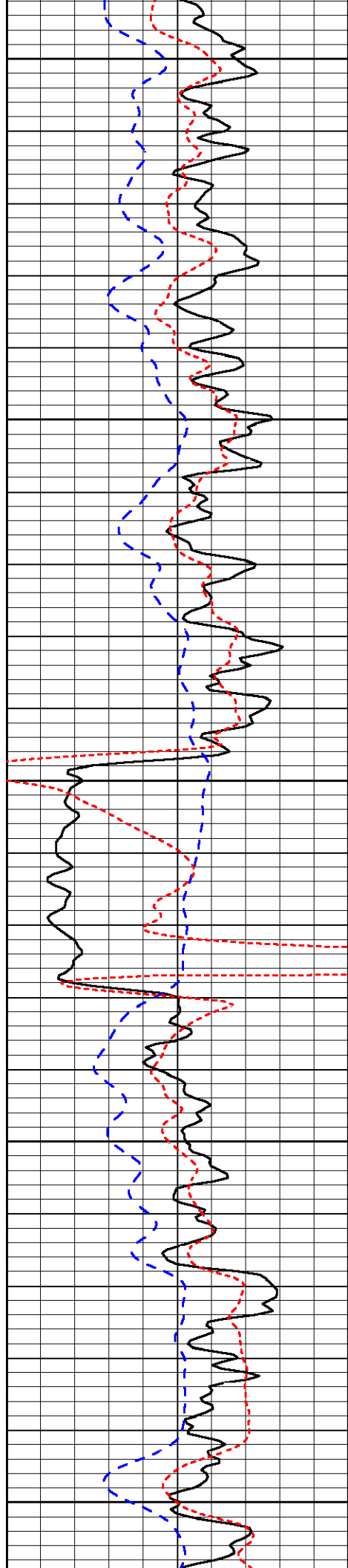


-83

-81

-82

-82



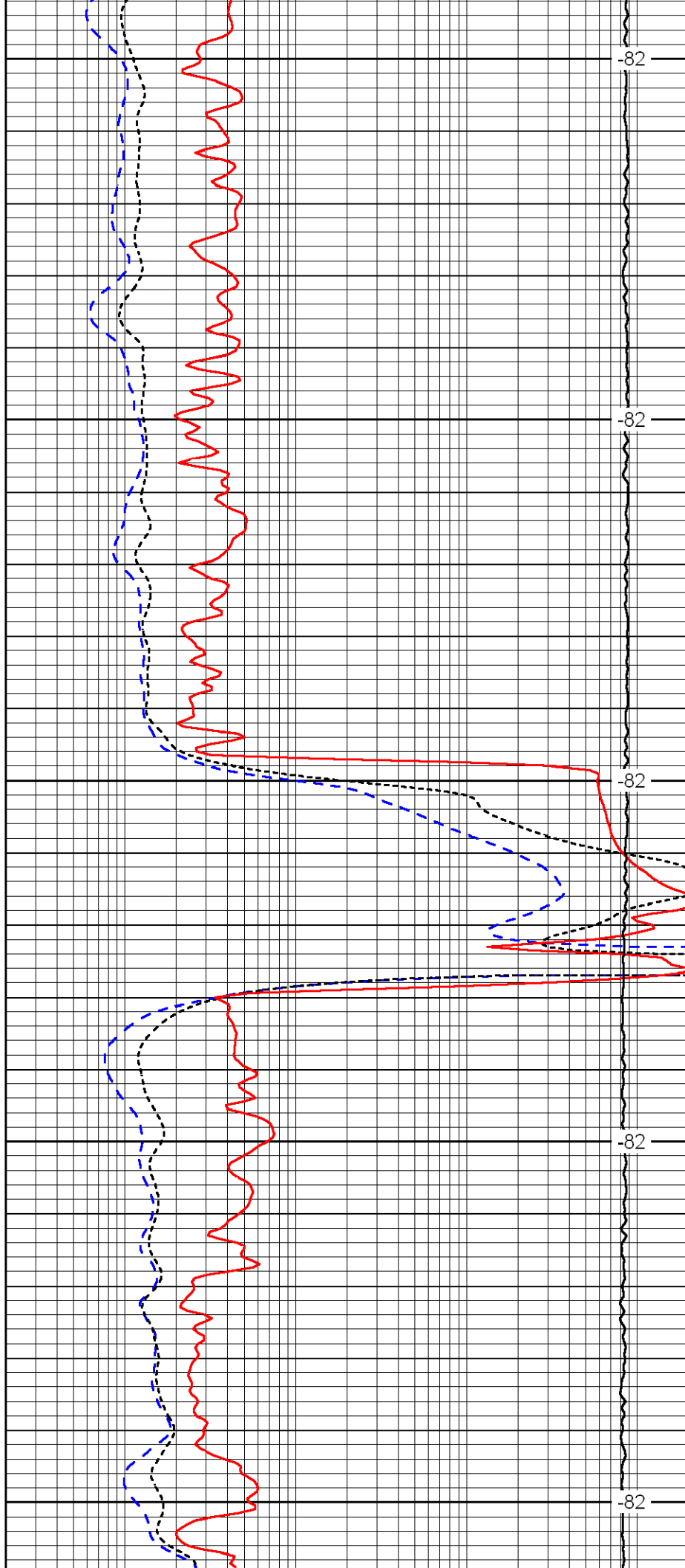
2050

2100

2150

2200

2250



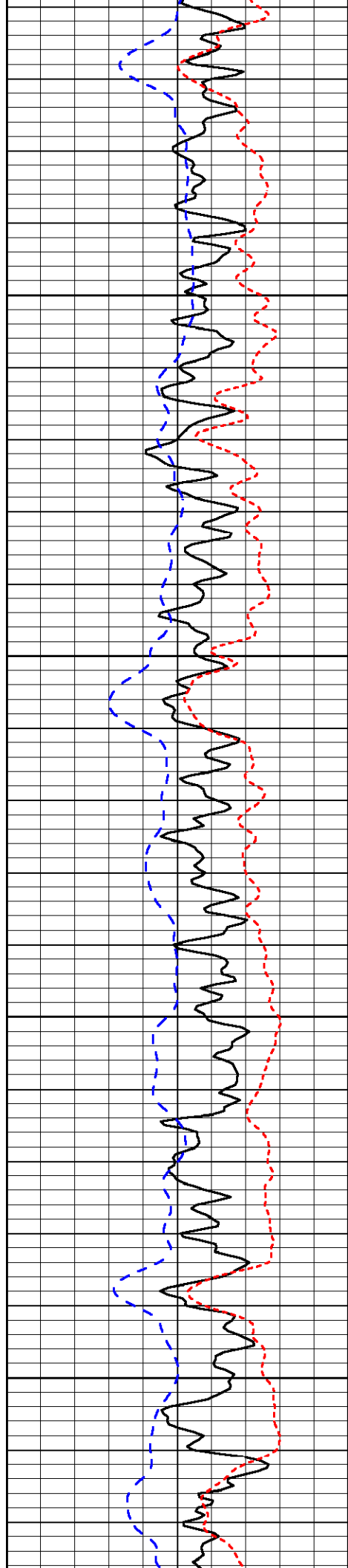
-82

-82

-82

-82

-82

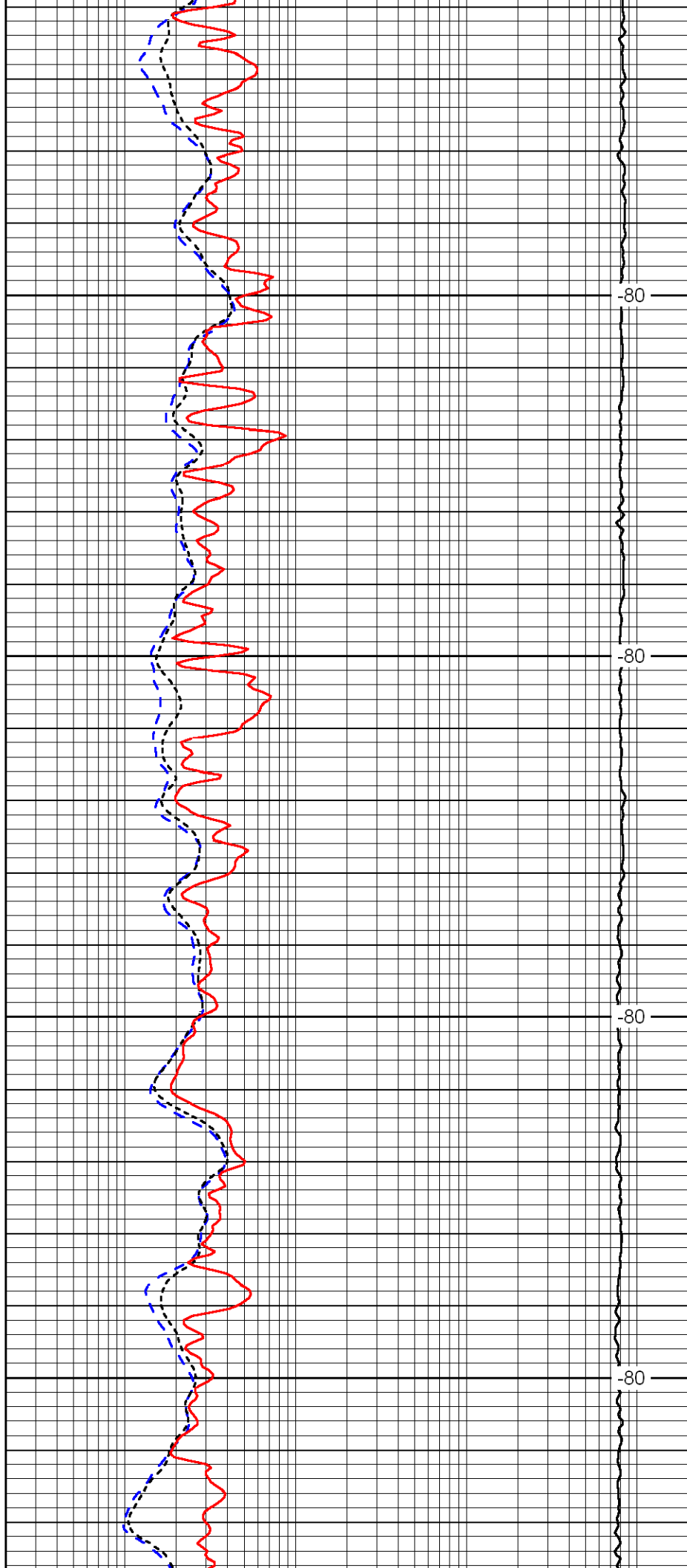


2300

2350

2400

2450

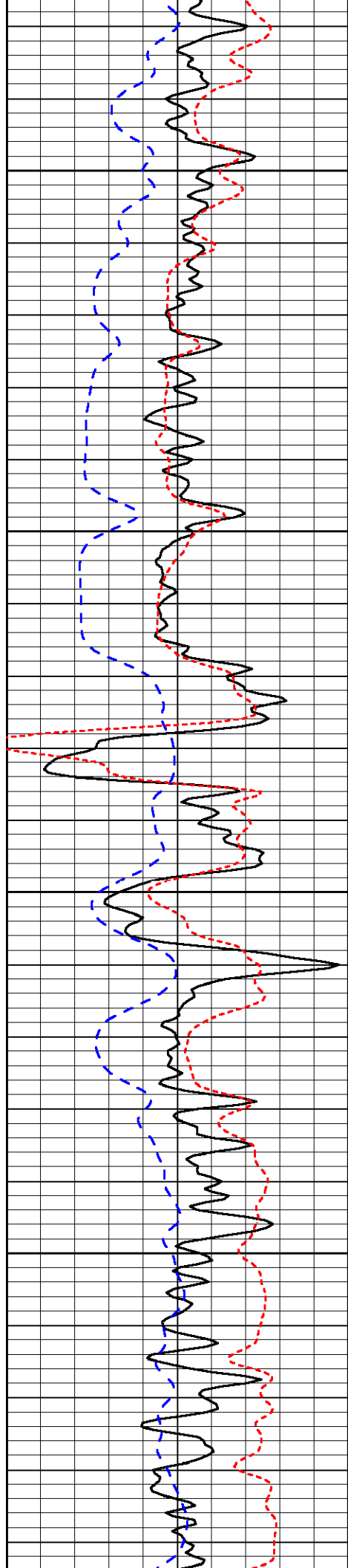


-80

-80

-80

-80

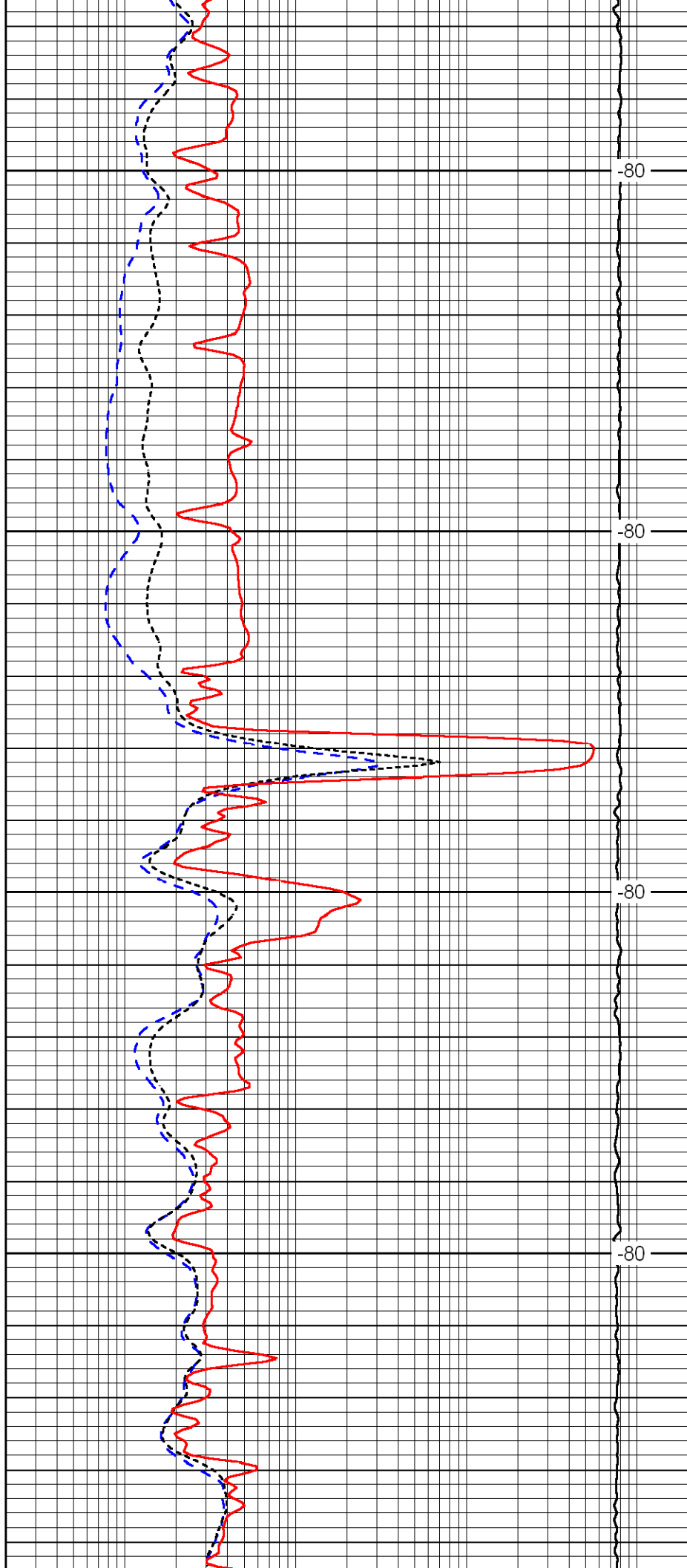


2500

2550

2600

2650

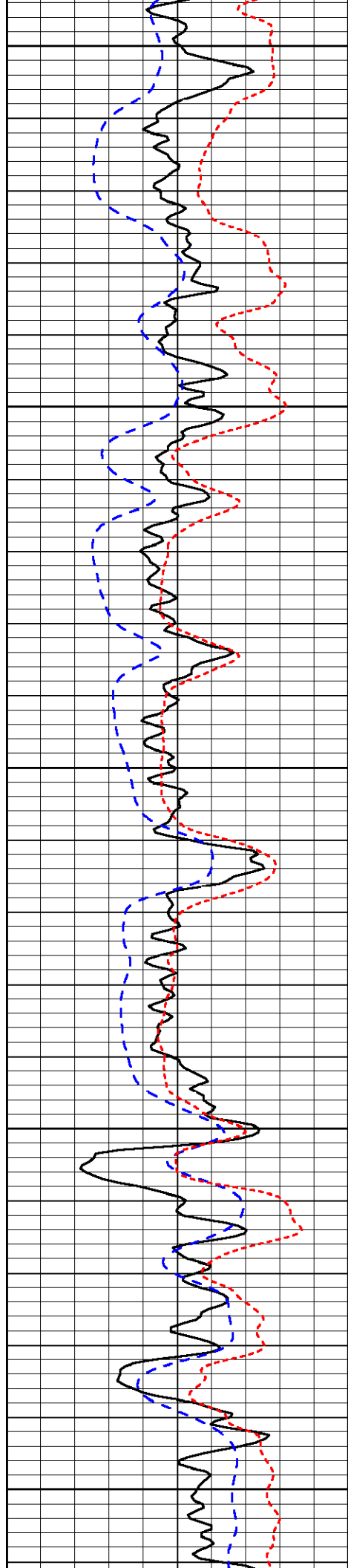


-80

-80

-80

-80



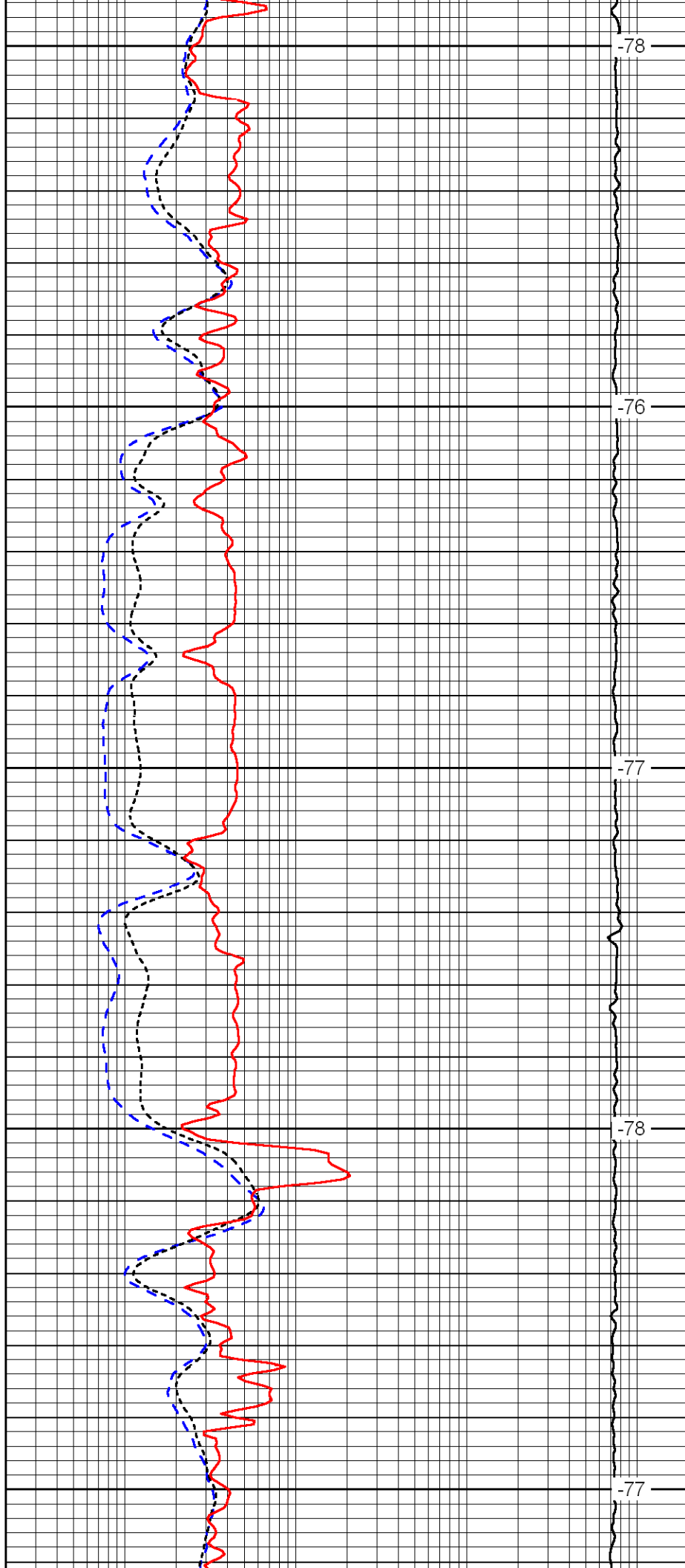
2700

2750

2800

2850

2900



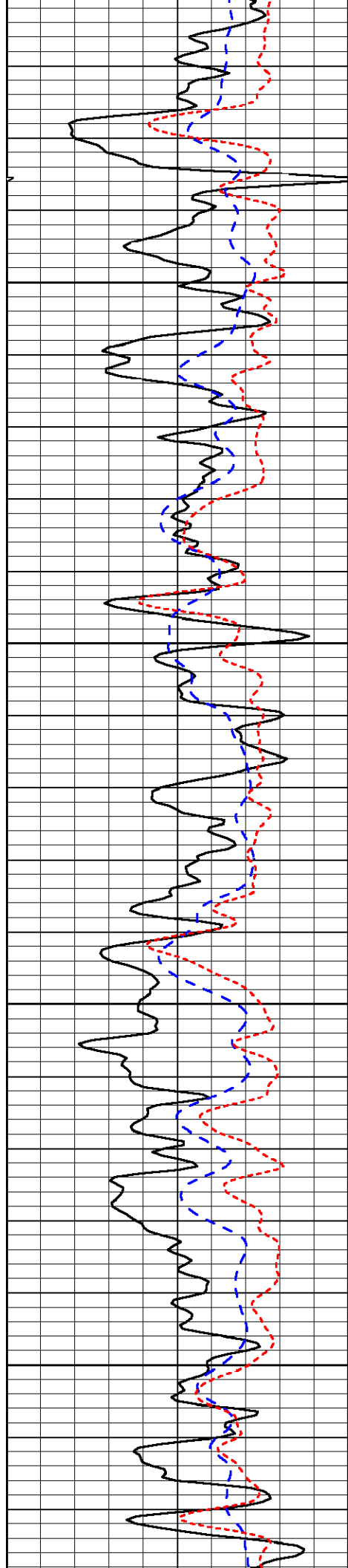
-78

-76

-77

-78

-77

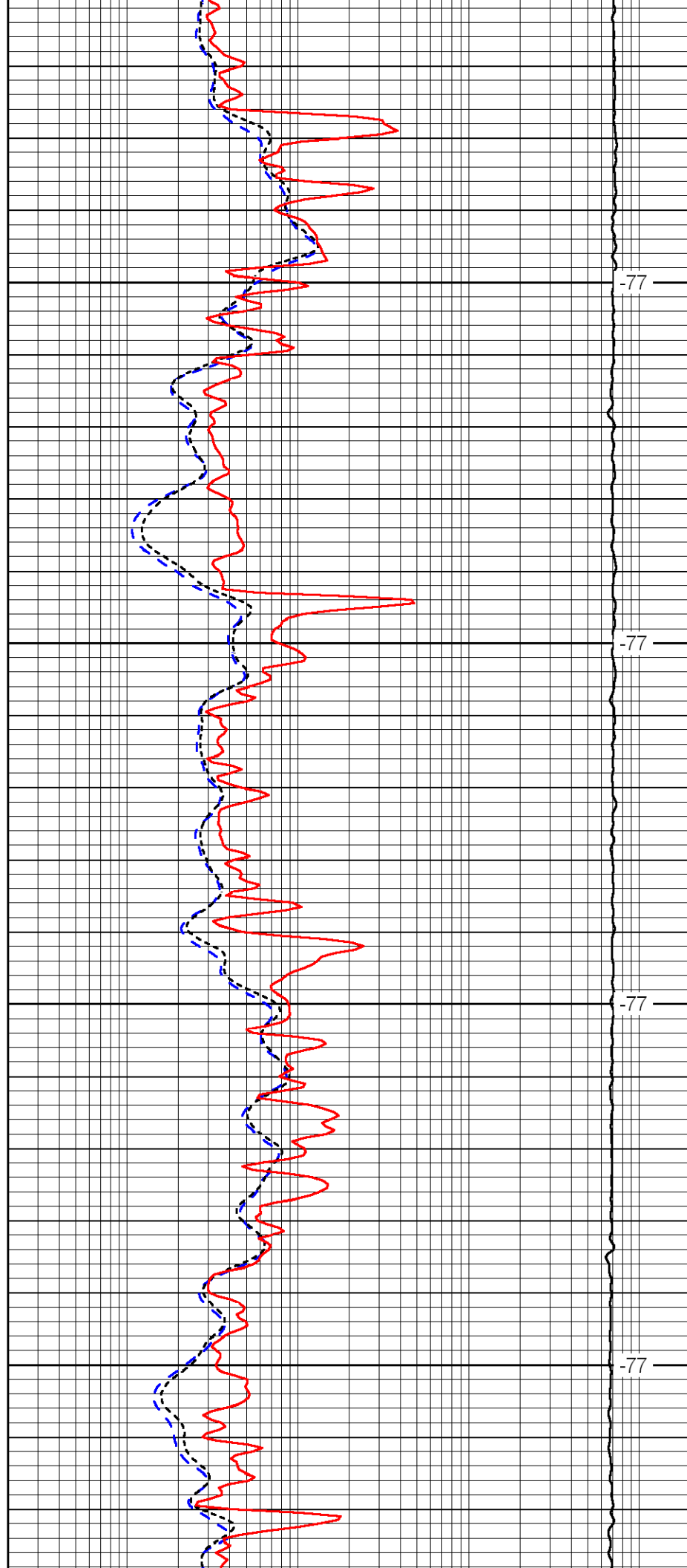


2950

3000

3050

3100

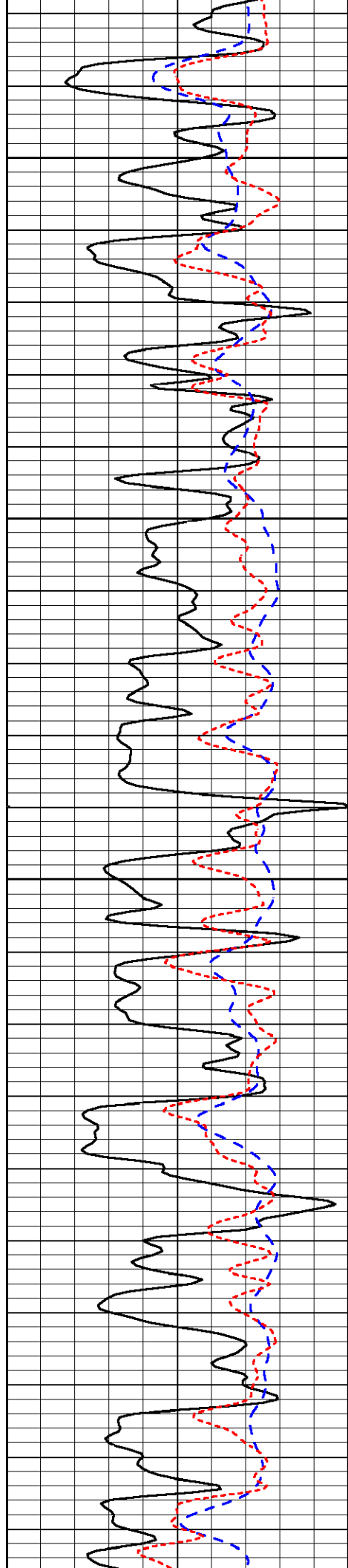


-77

-77

-77

-77

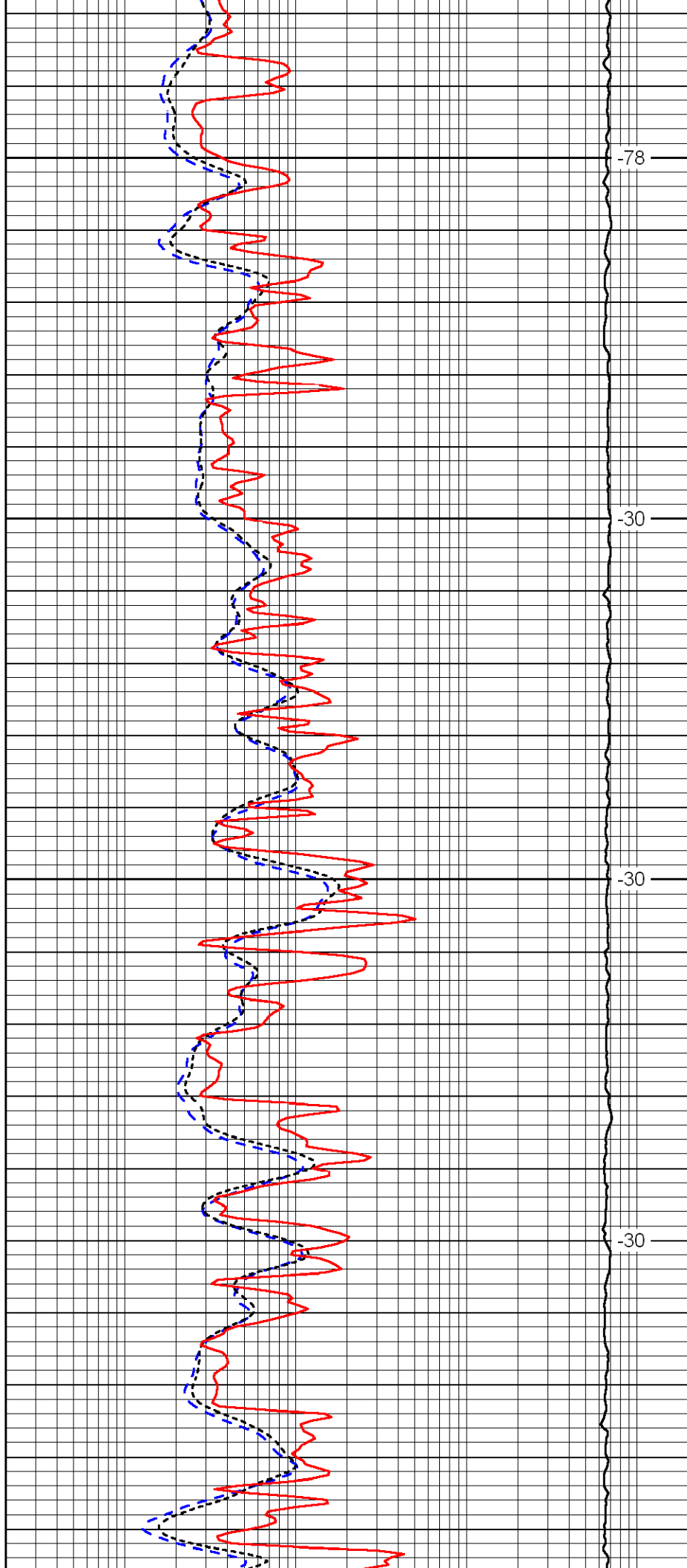


3150

3200

3250

3300

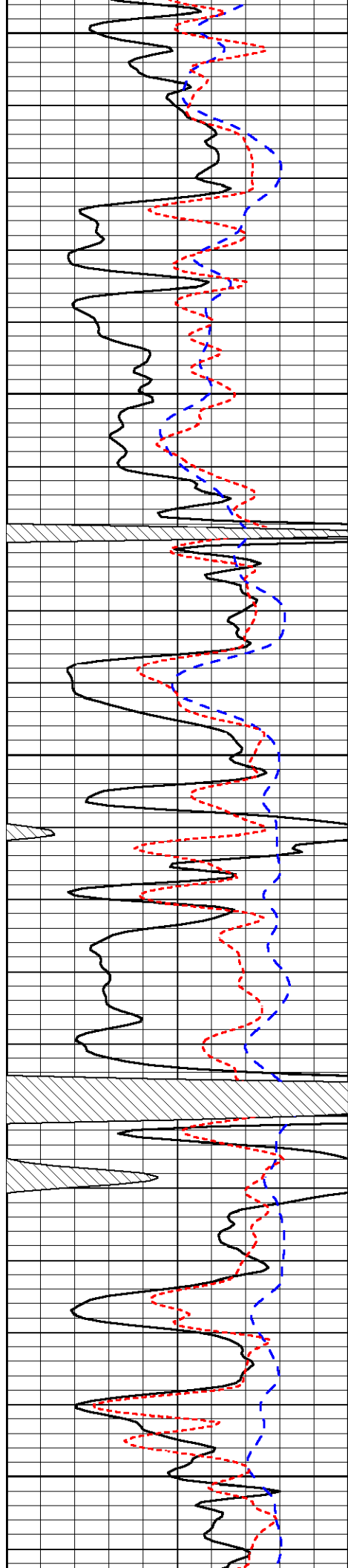


-78

-30

-30

-30



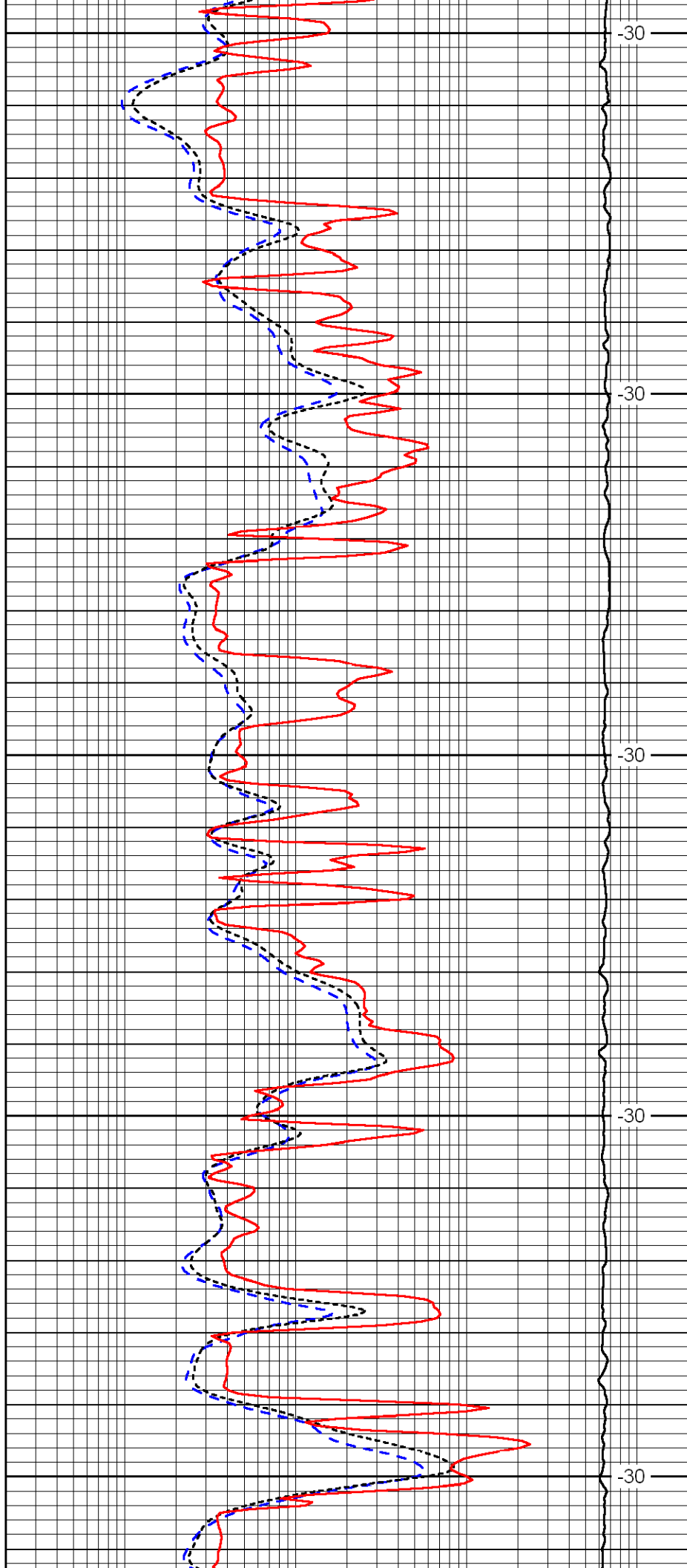
3350

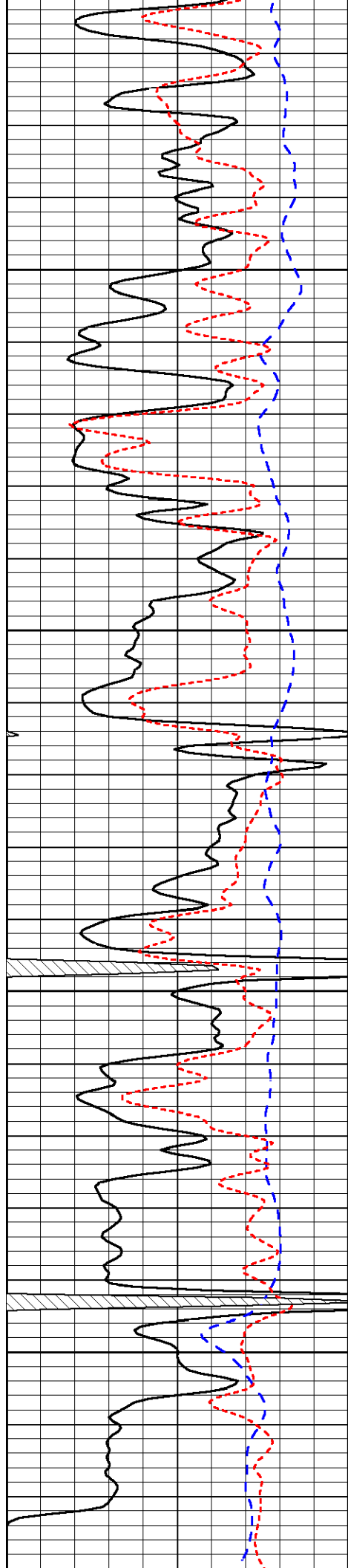
3400

3450

3500

3550



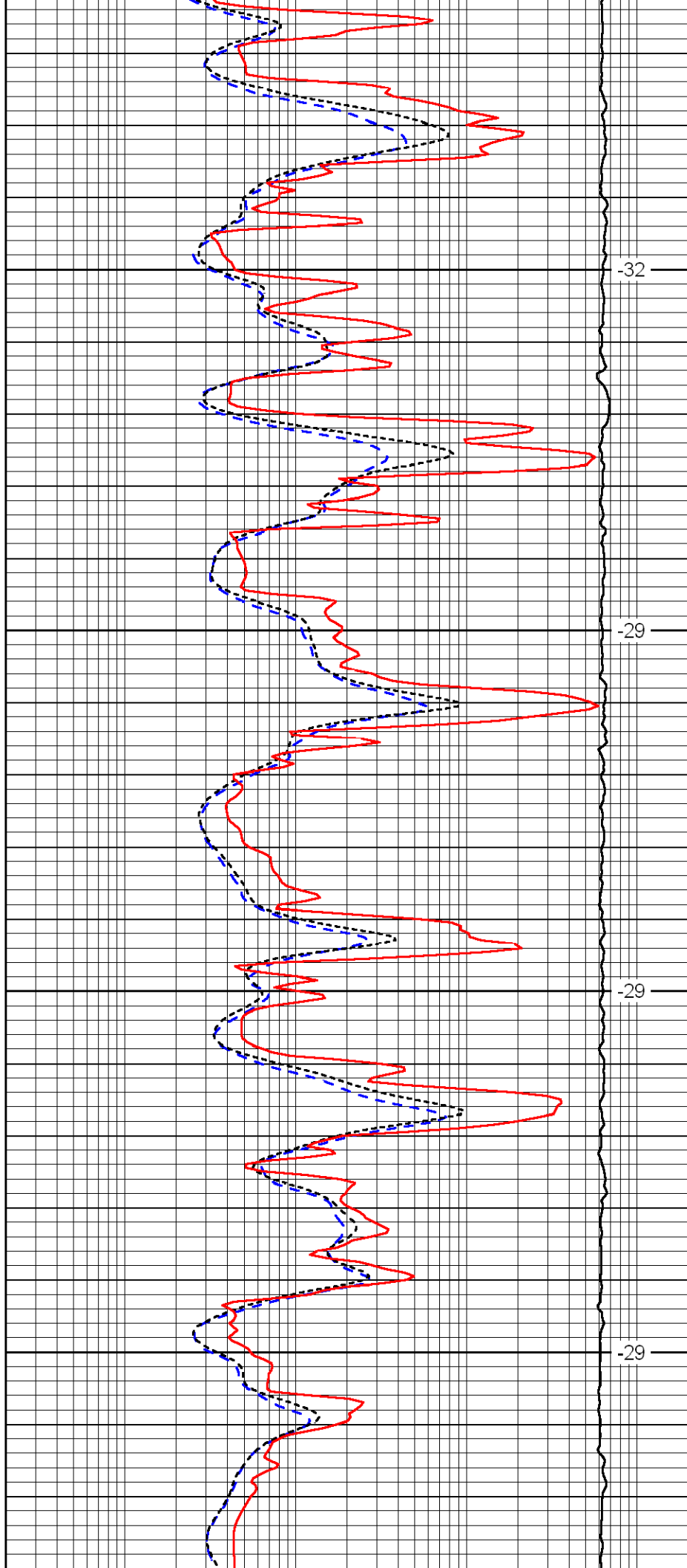


3600

3650

3700

3750

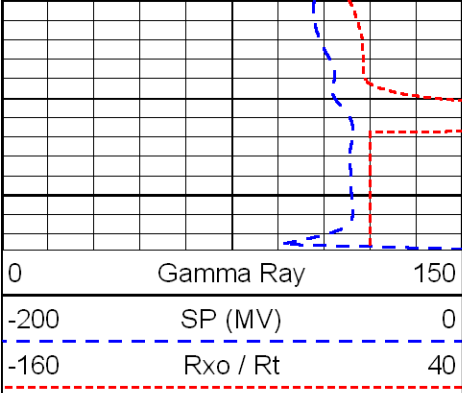


-32

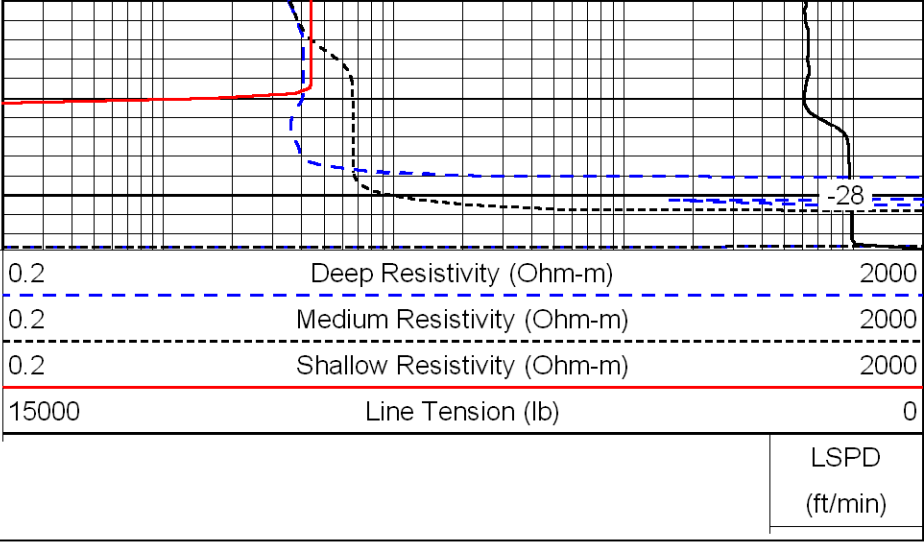
-29

-29

-29



3800



-28

LSPD
(ft/min)