

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-039-21102-00-00

Company Murfin Drilling Company, Inc.

Well Stealy No. 1-21 X

Field Unknown

County Decatur State Kansas

Location

W/2 - NE - NE - SW
2310' FSL & 2300' FWL

Sec: 21 Twp: 3 S Rge: 27 W

Other Services
CNL/CDL
MEL/BHCS

Elevation

K.B. 2624
D.F. 2619

Permanent Datum Ground Level Elevation 2619
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 8/21/2009

Run Number One

Depth Driller 3850

Depth Logger 3842

Bottom Logged Interval 3841

Top Log Interval 0

Casing Driller 8.625 @ 2210

Casing Logger 2208

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2200

Density / Viscosity 8.8 50

pH / Fluid Loss 11.5 6.0

Source of Sample Flowline

Rm @ Meas. Temp 1.30 @ 75

Rmf @ Meas. Temp 0.98 @ 75

Rmc @ Meas. Temp 1.76 @ 75

Source of Rmf / Rmc Charts

Rm @ BHT 0.85 @ 115

Operating Rig Time 5 Hours

Max Rec. Temp. F 115

Equipment Number 15

Location Hays

Recorded By Becker

Witnessed By Jeff Christian

<<< 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
10 West to Kanona Rd; 2 south (across tracks);
1 East; 1 South; 1/2 East; South after tanks

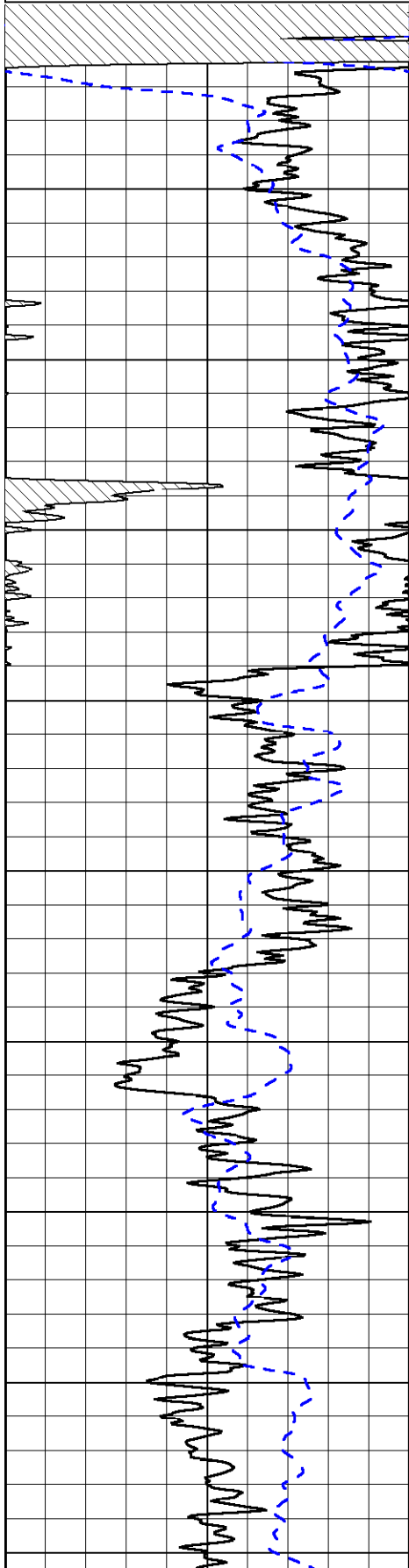
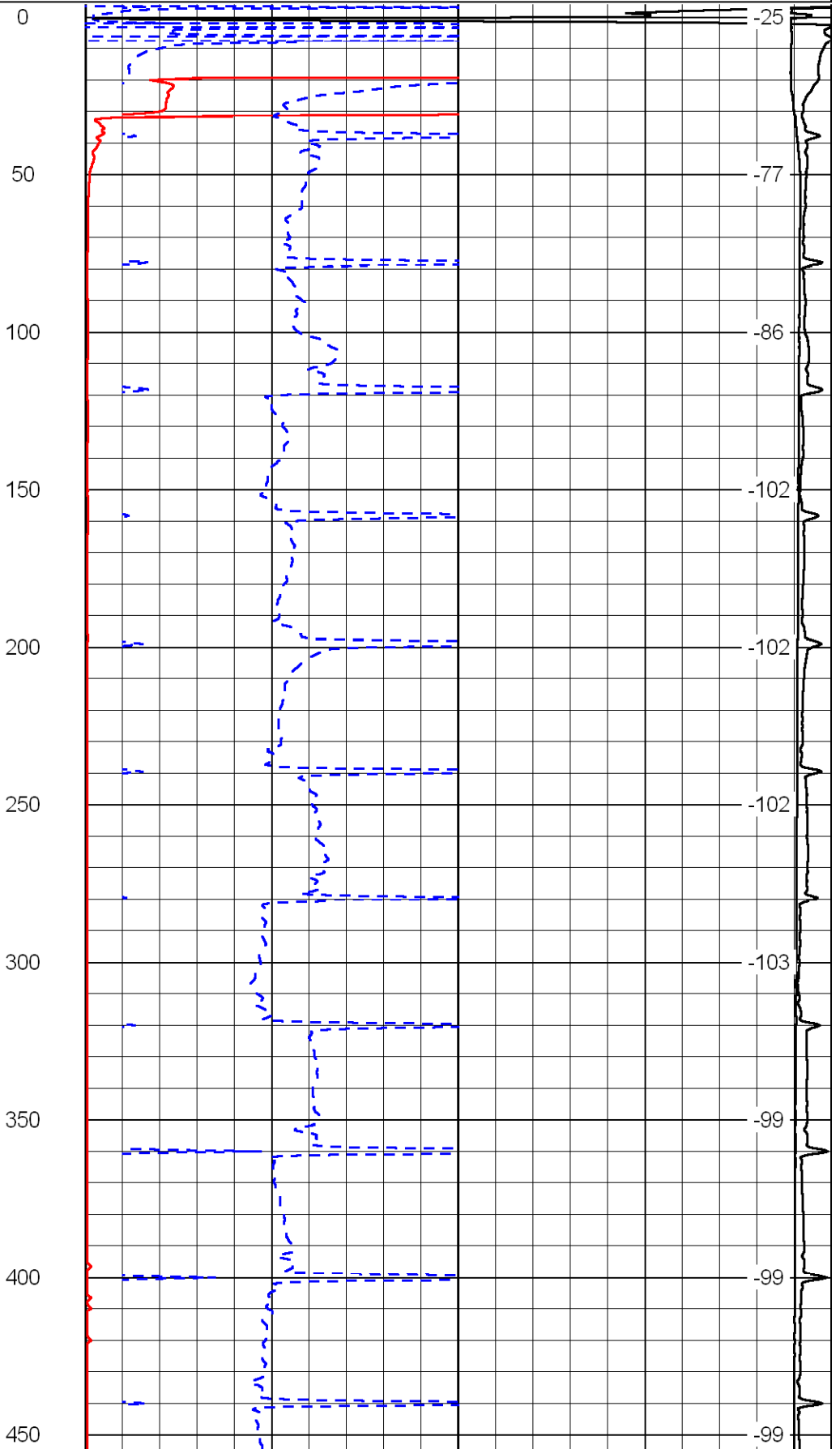
Database File: c:\warrior\data\murfin_stealy no. 1-21 x\murfinhd.db
Dataset Pathname: DIL/murfstk
Presentation Format: dil2in
Dataset Creation: Fri Aug 21 09:55:28 2009
Charted by: Depth in Feet scaled 1:600

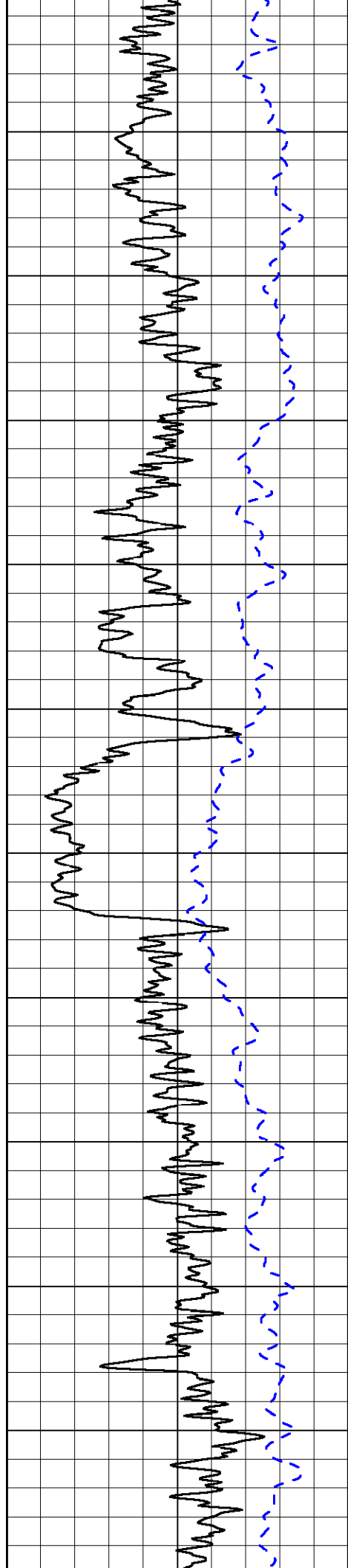
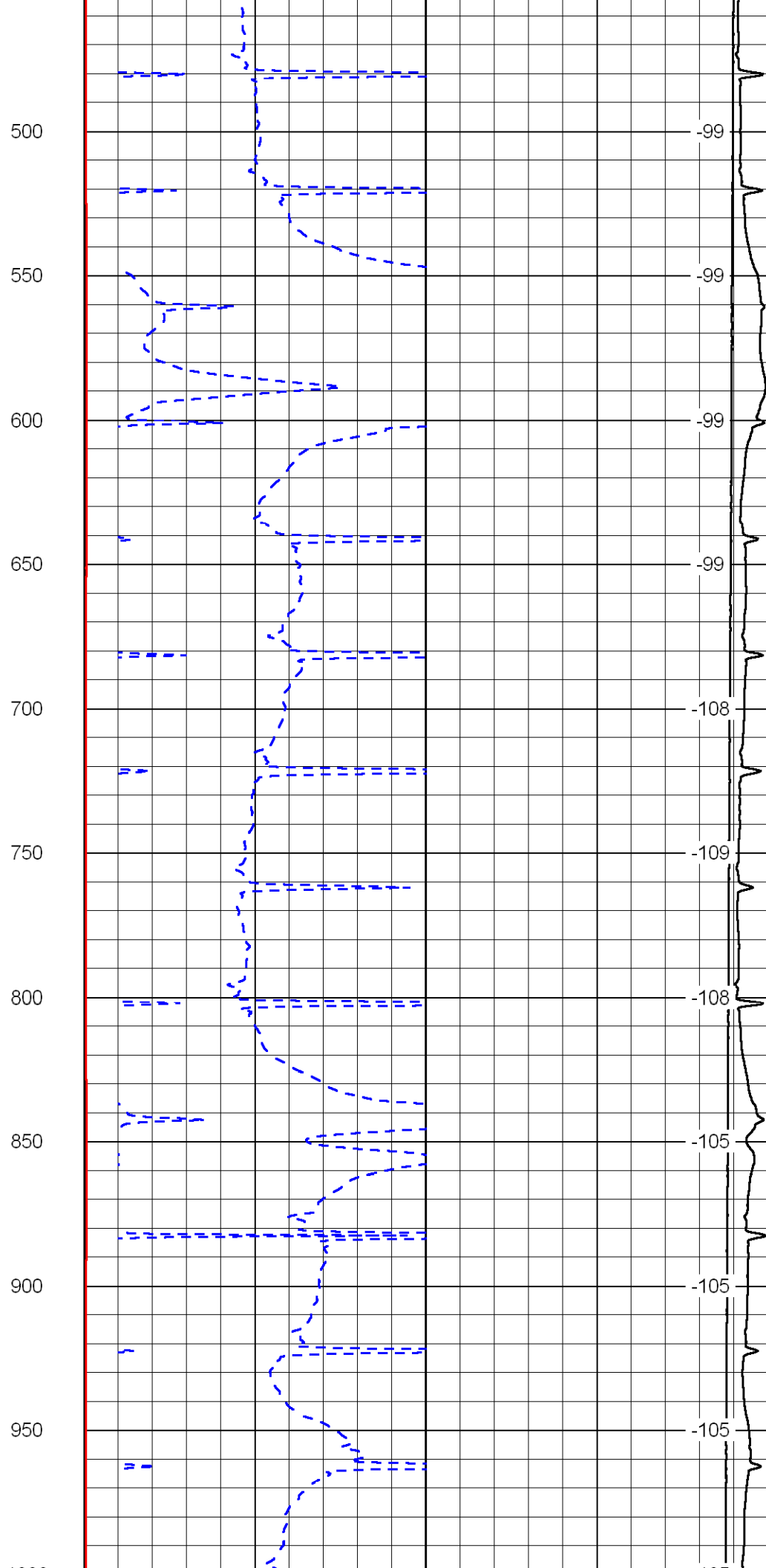
0	Gamma Ray	150
-200	SP (MV)	0

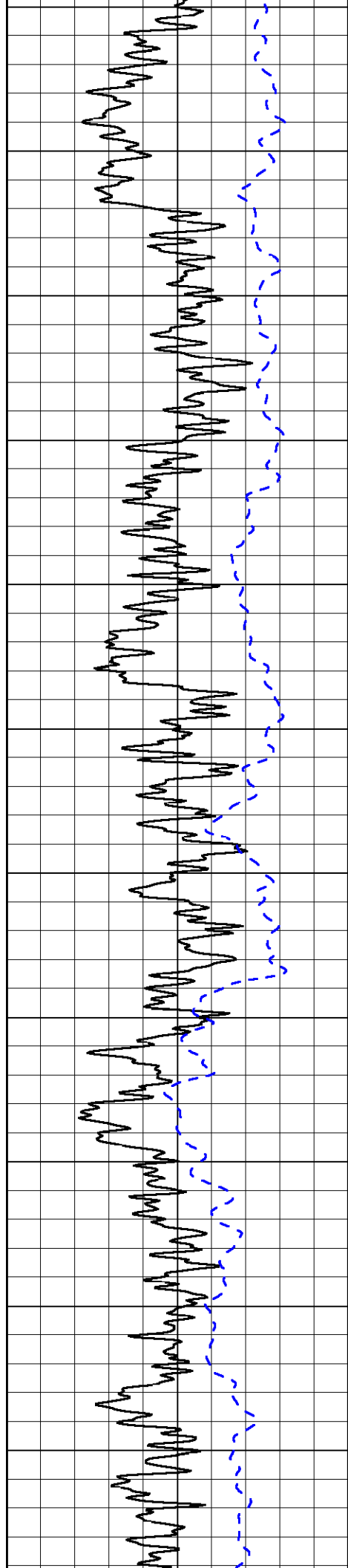
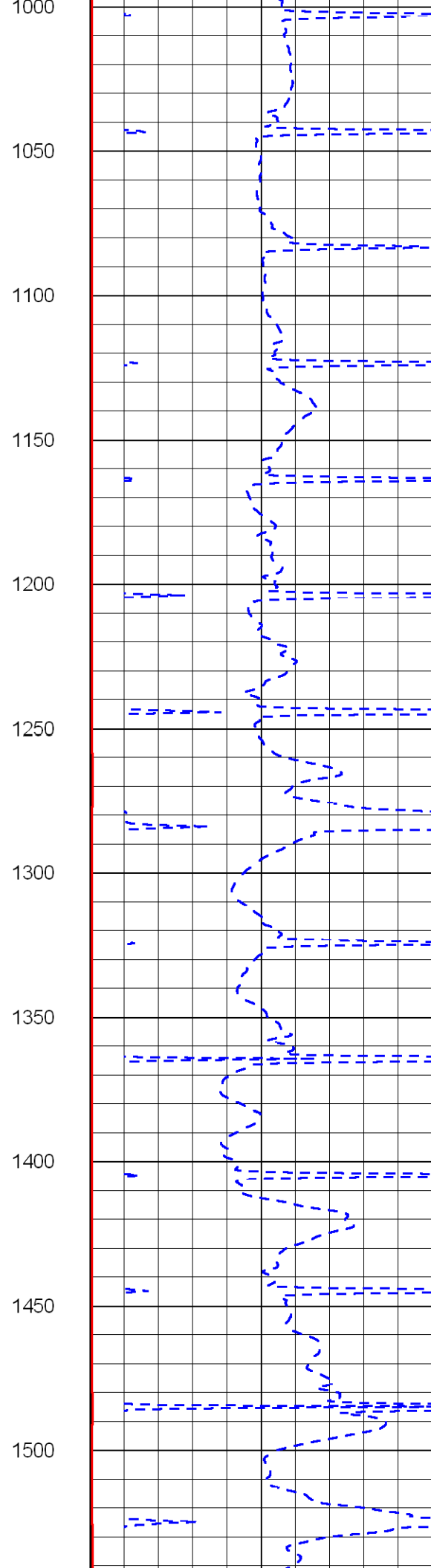
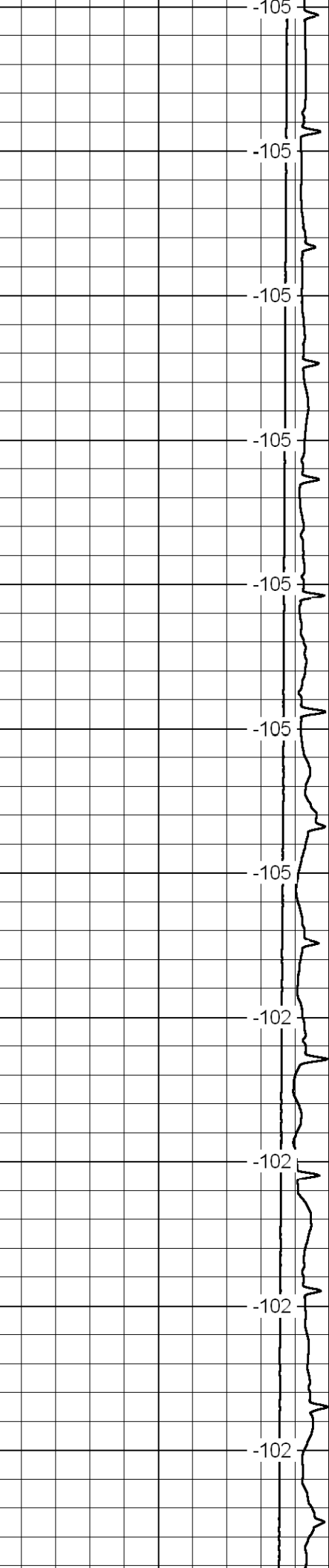
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

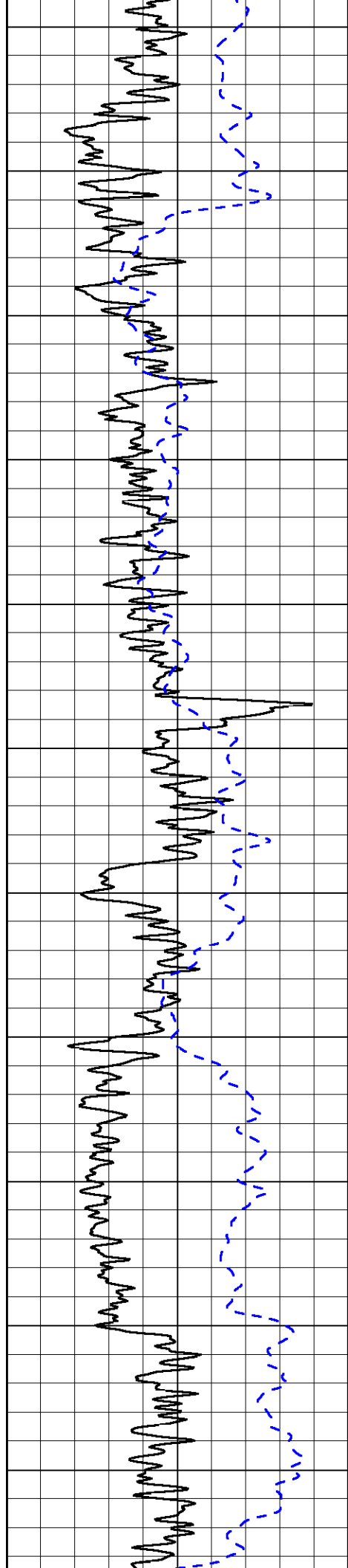
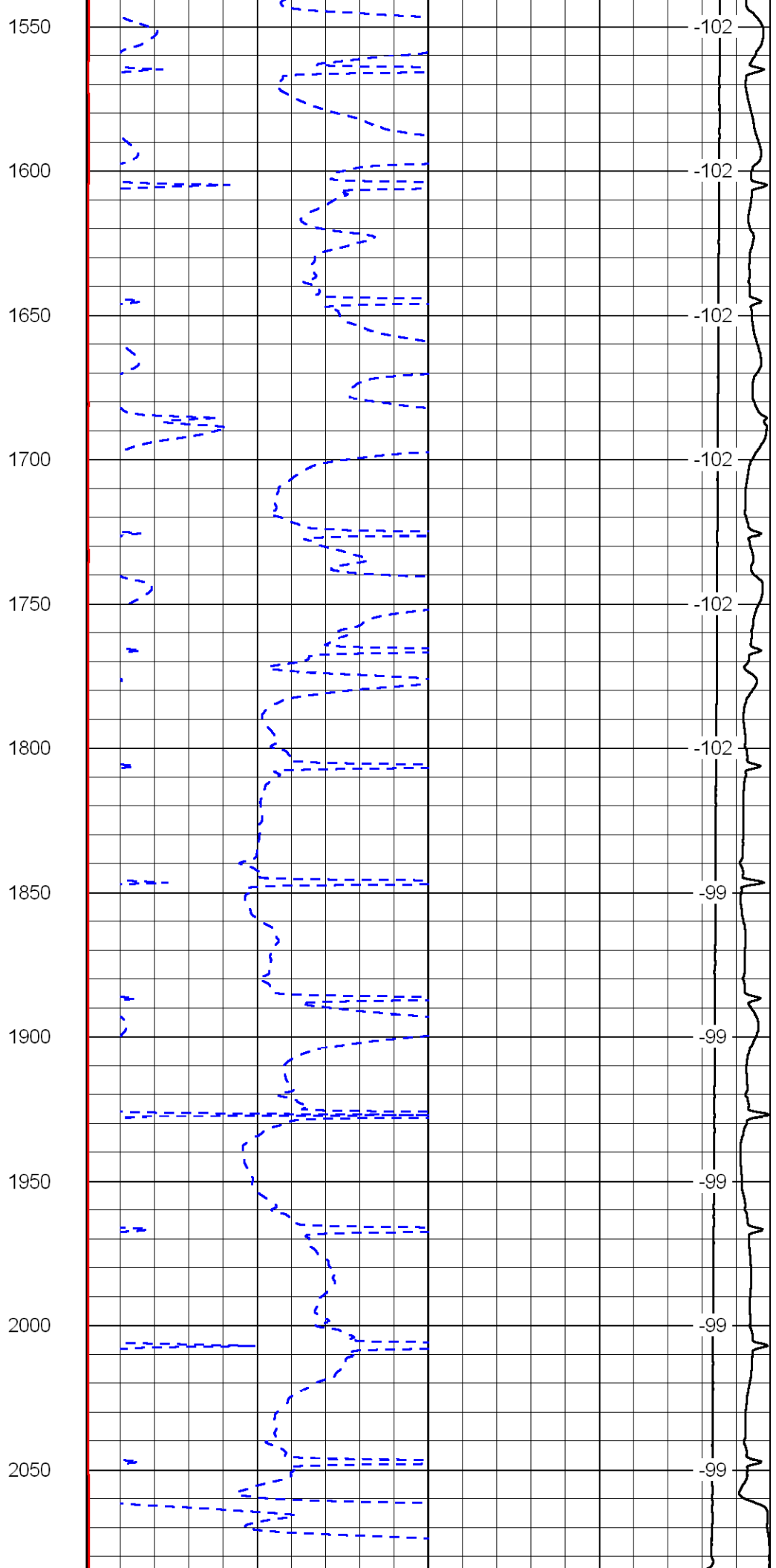
LSPD
(ft/min)

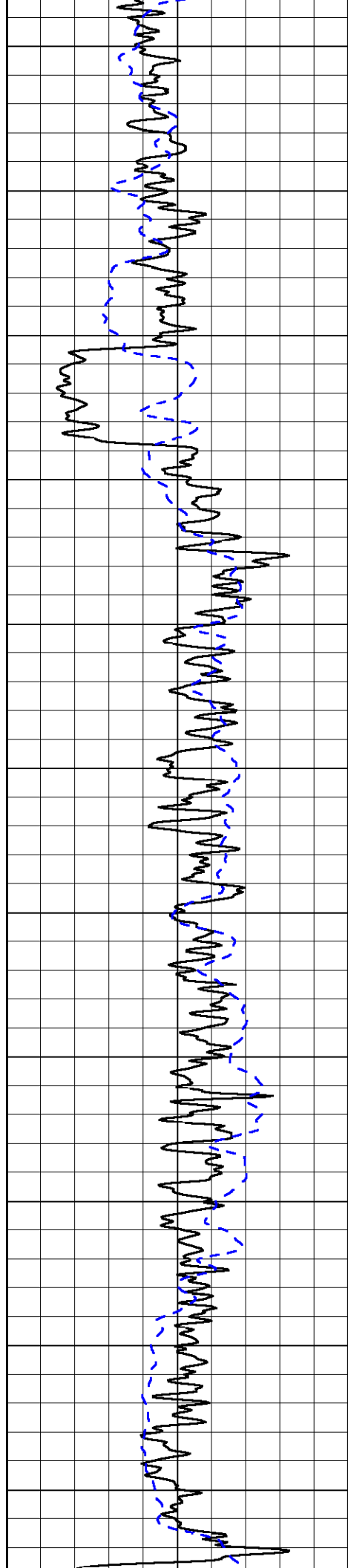
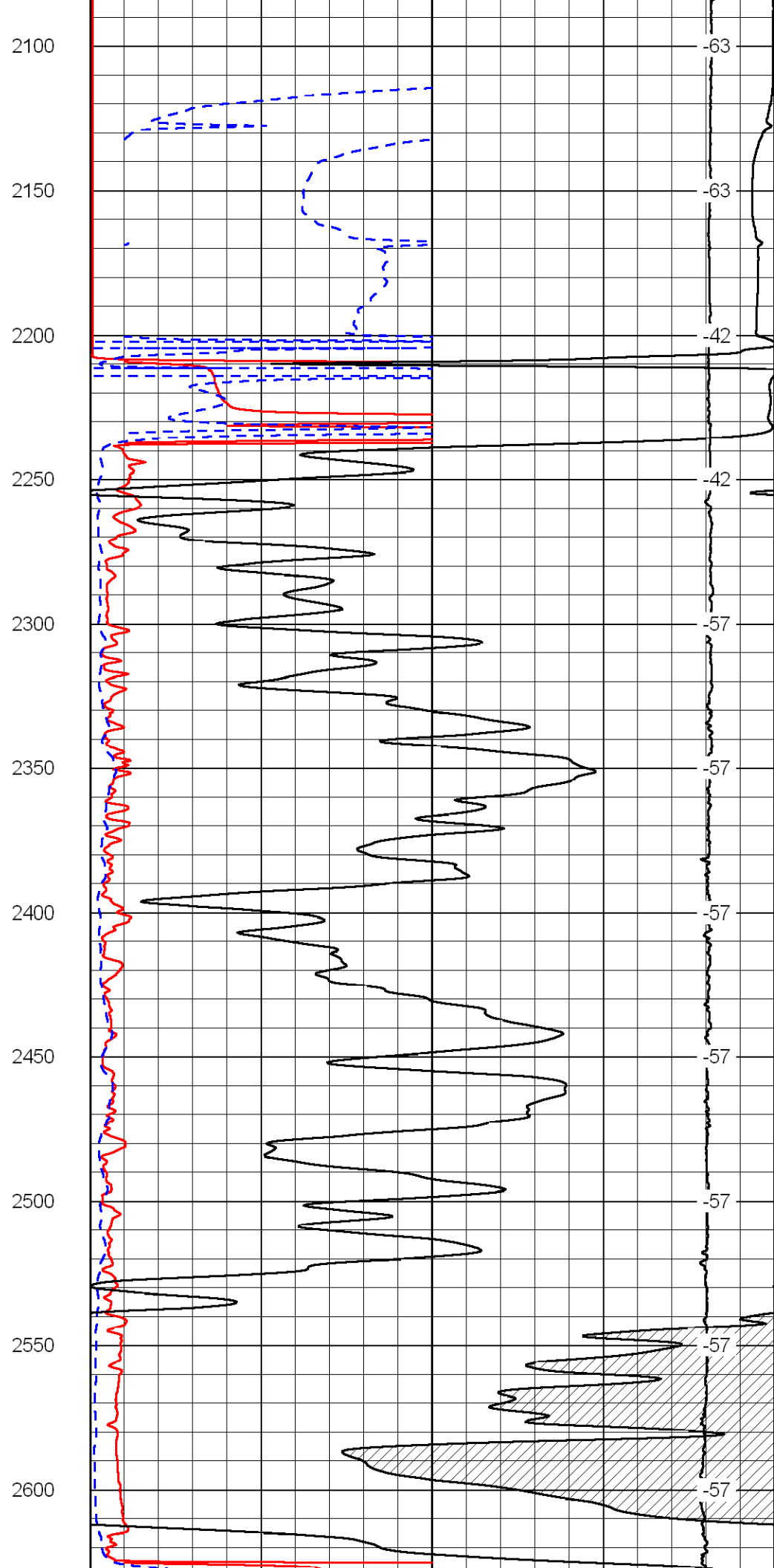
Shallow Resistivity
50 (Ohm-m) 500
50 Deep Resistivity (Ohm-m) 500

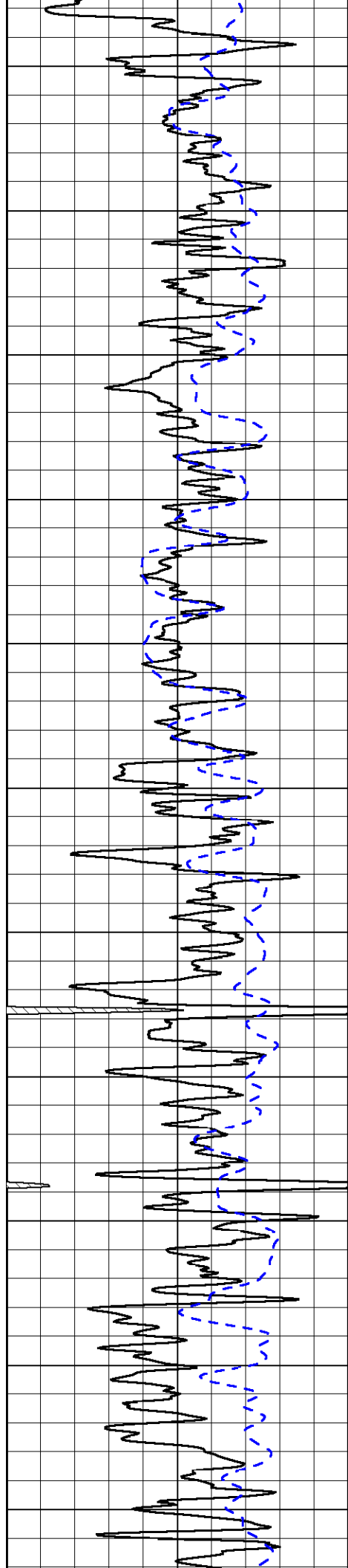
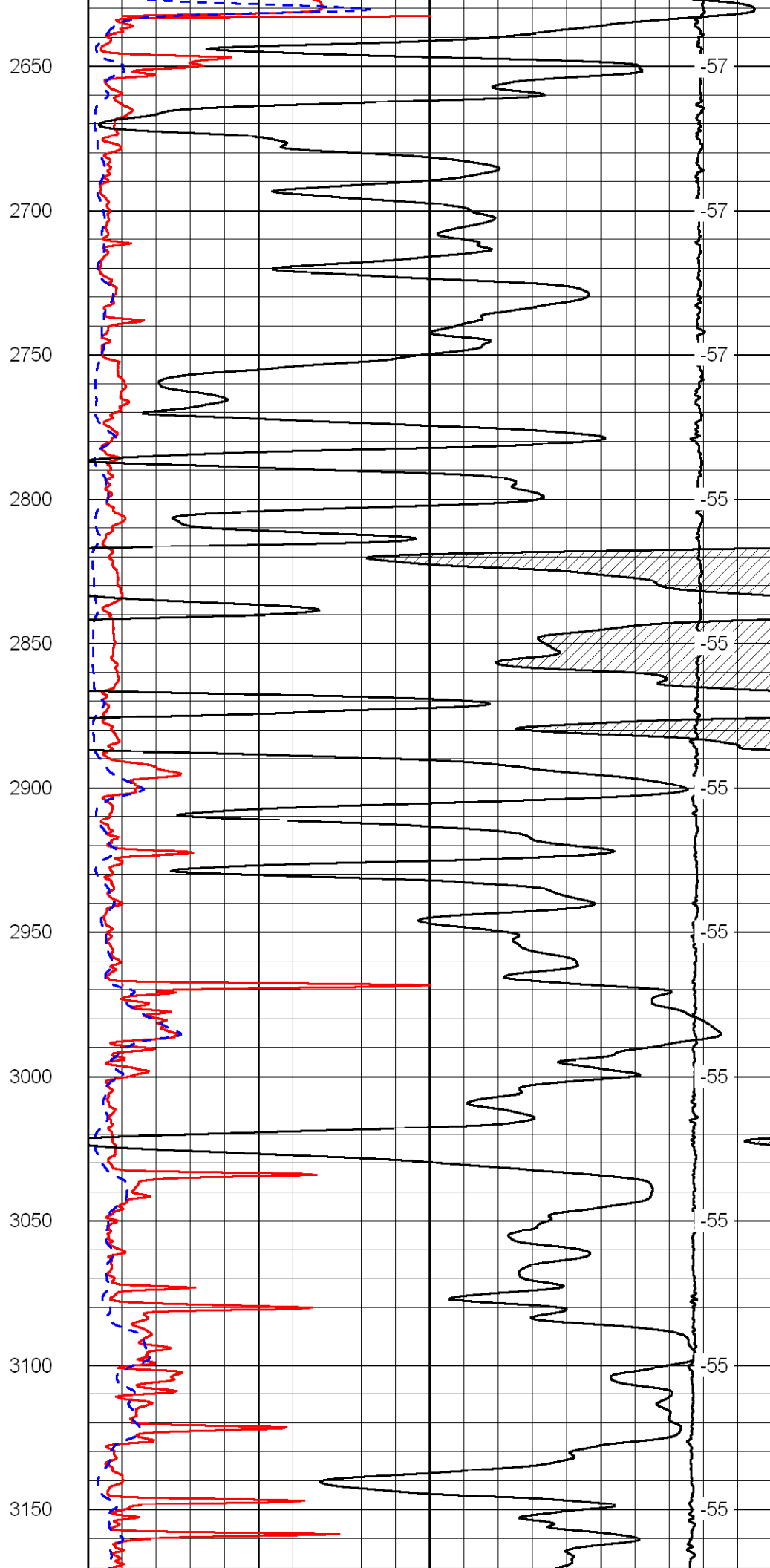


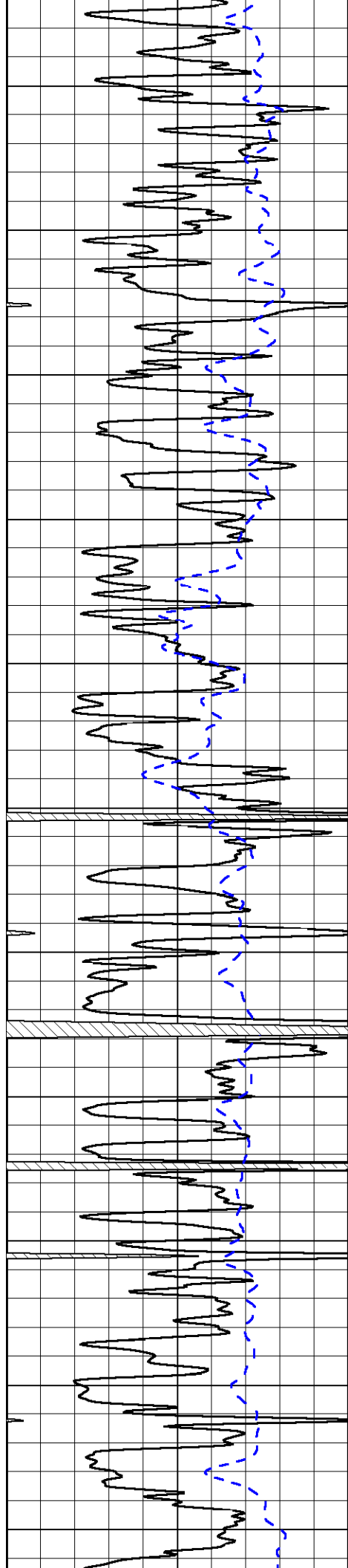
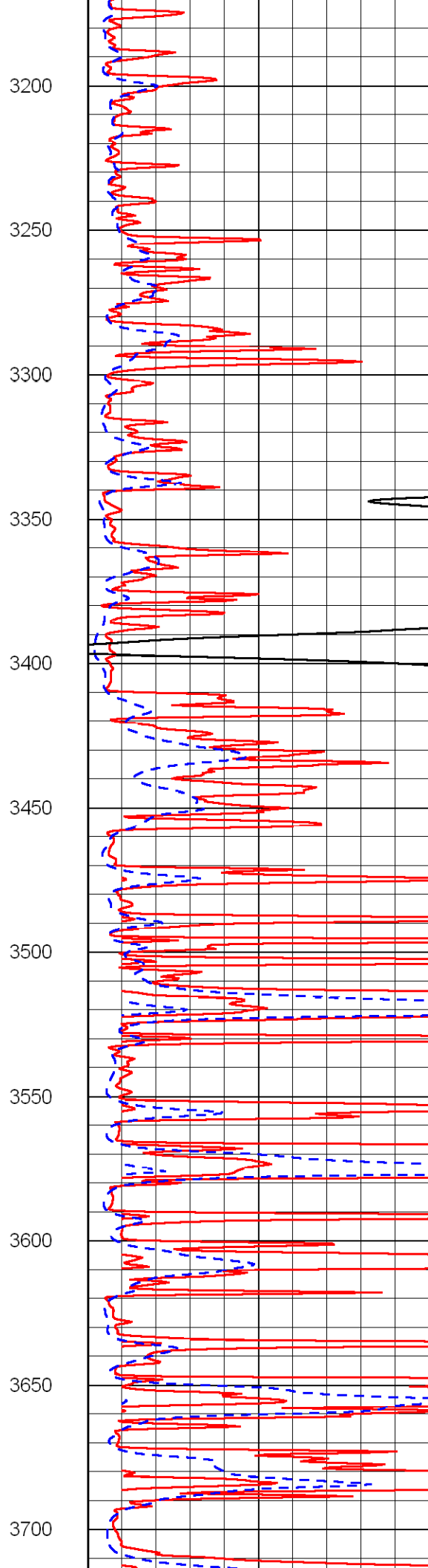
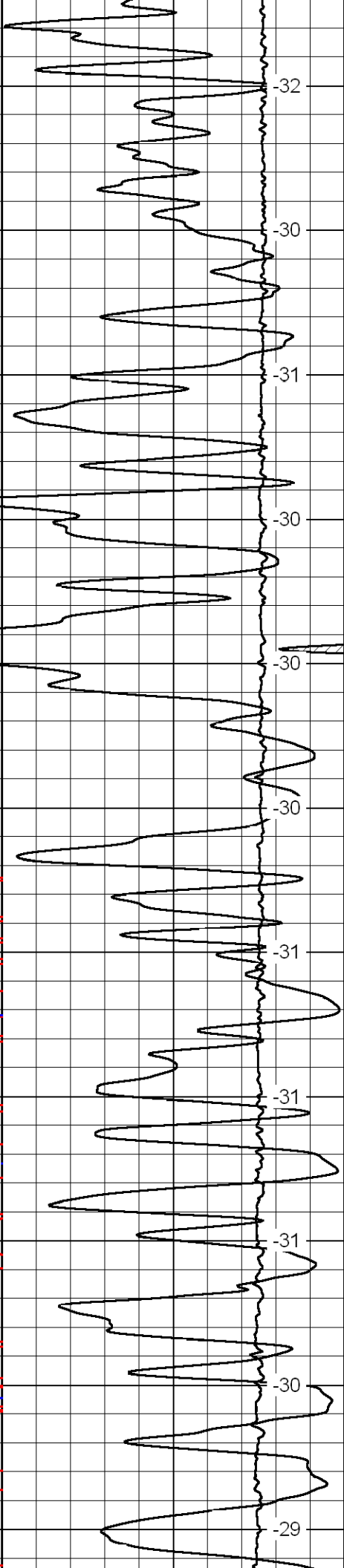


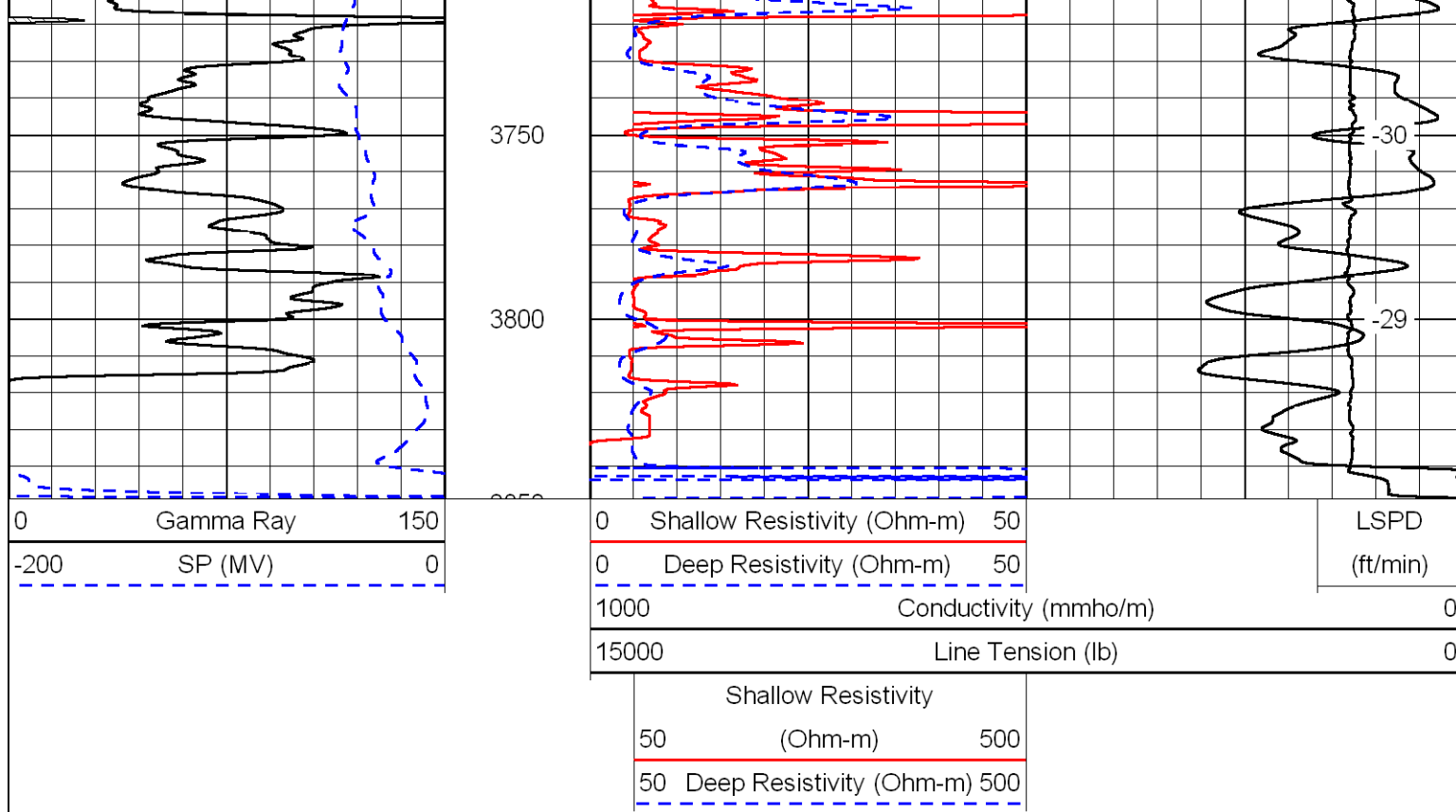




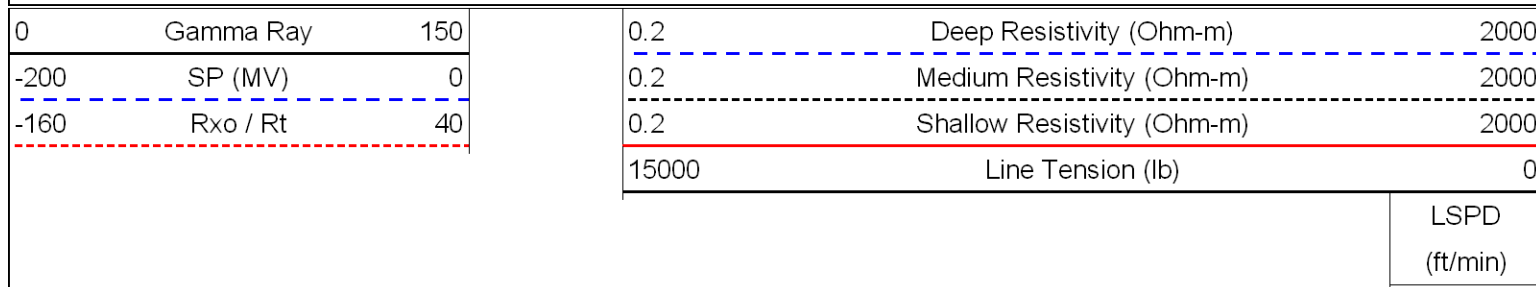
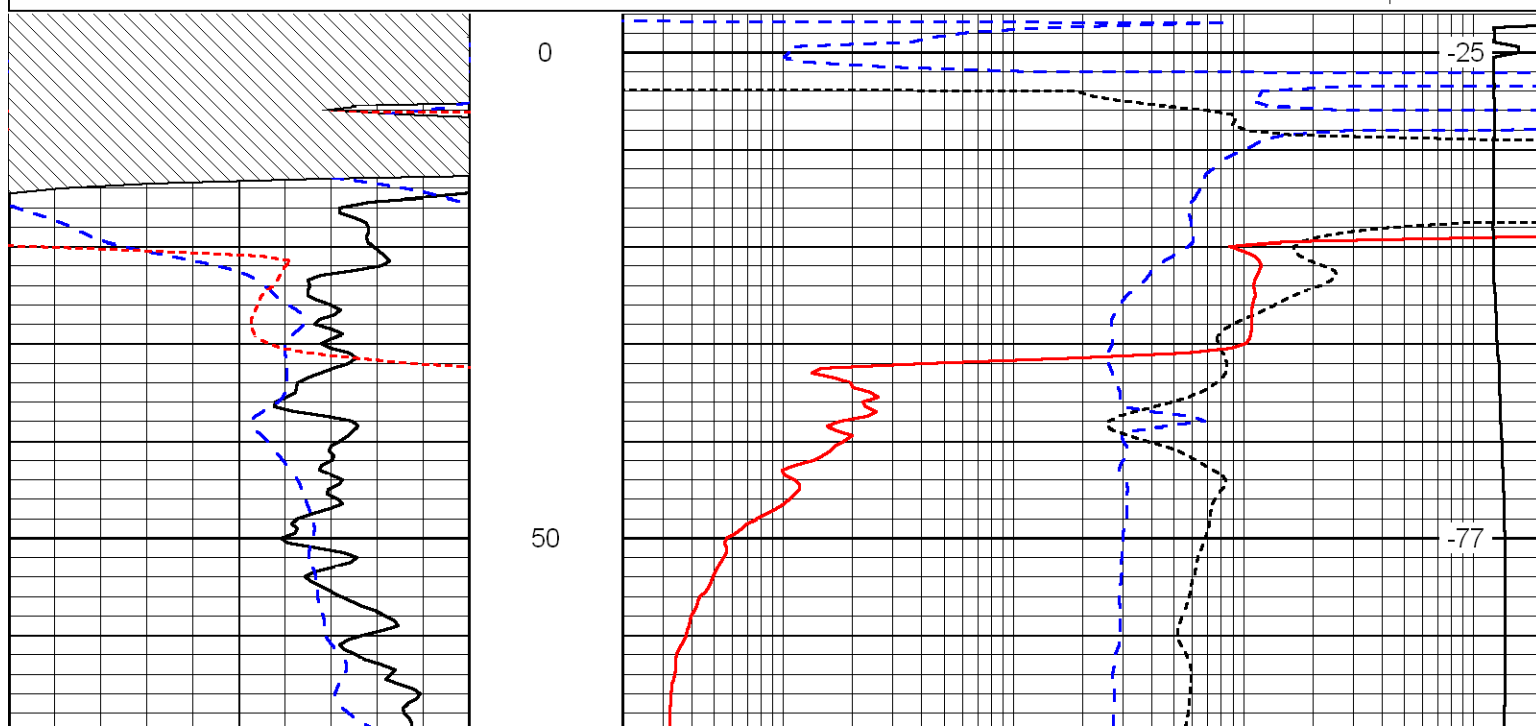


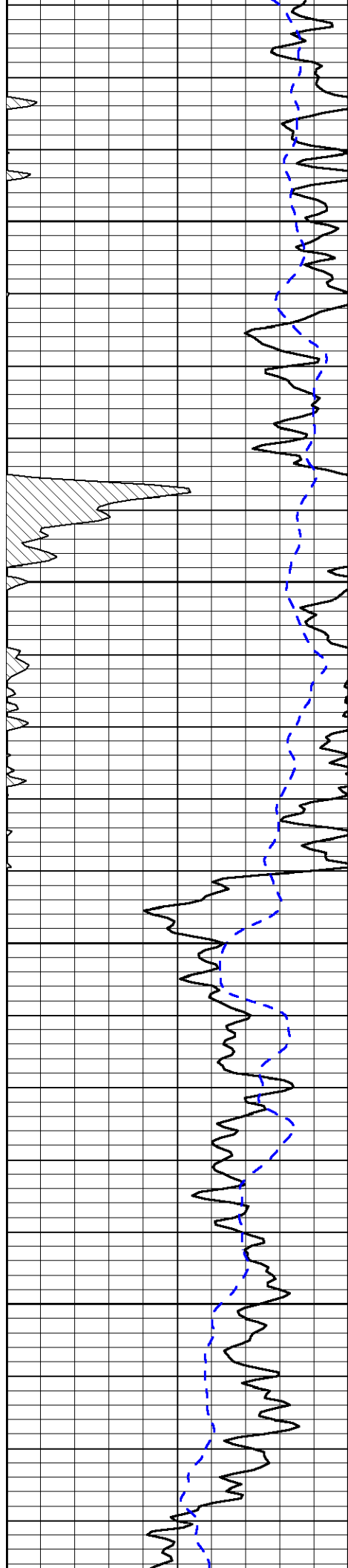






Database File: c:\warrior\data\murfin_stealy no. 1-21 x\murfinhd.db
 Dataset Pathname: DIL/murfstk
 Presentation Format: dil
 Dataset Creation: Fri Aug 21 09:55:28 2009
 Charted by: Depth in Feet scaled 1:240



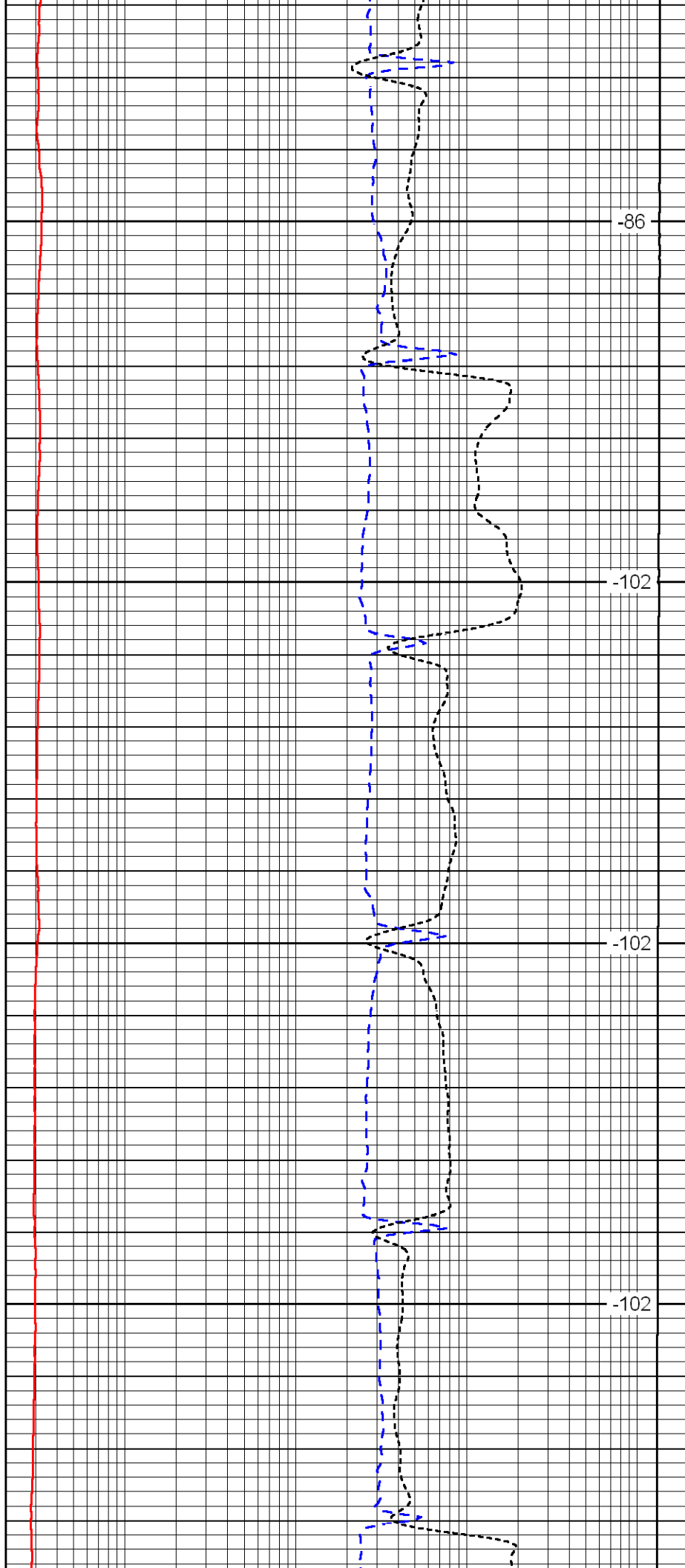


100

150

200

250

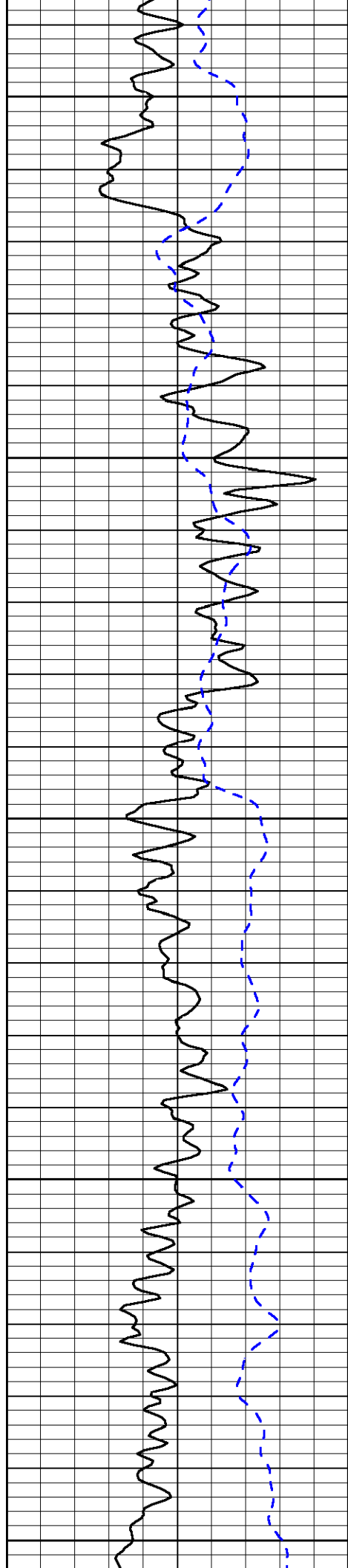


-86

-102

-102

-102



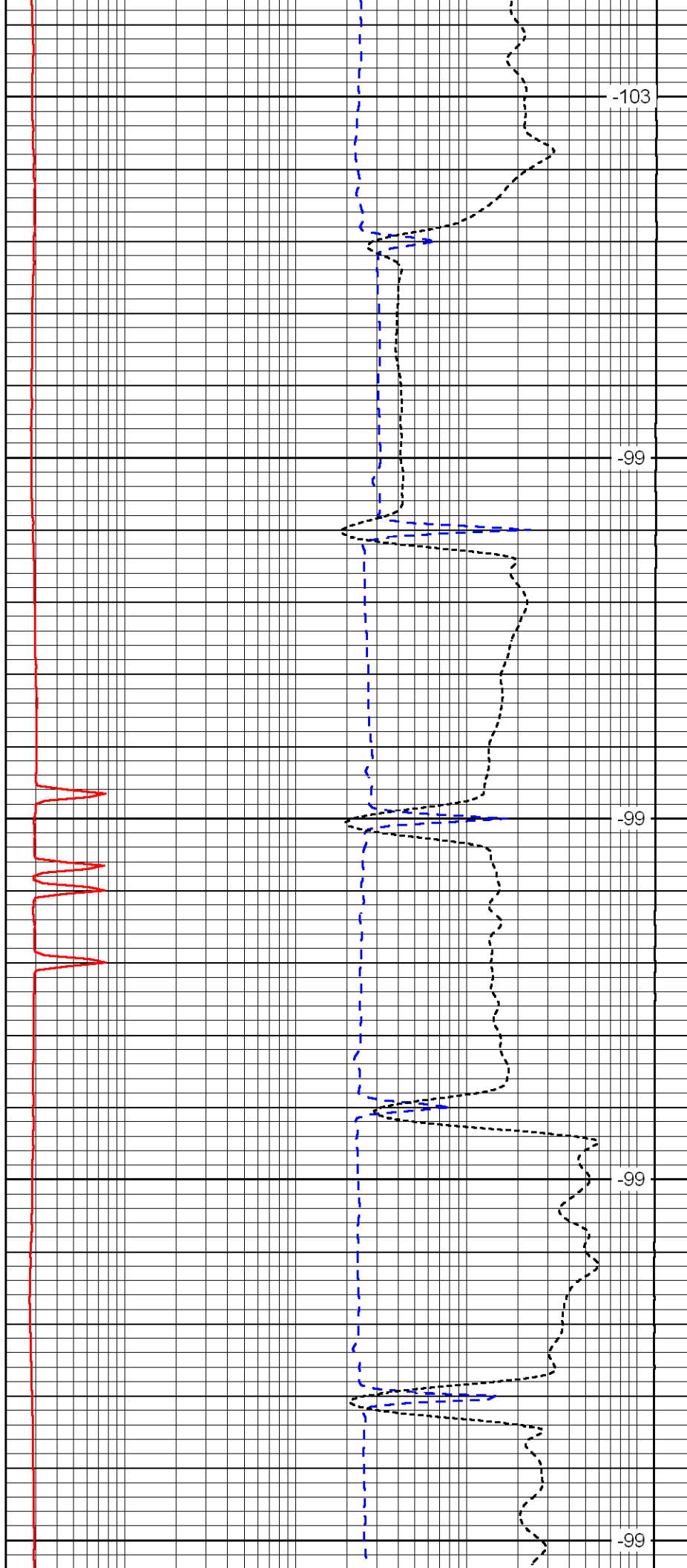
300

350

400

450

500



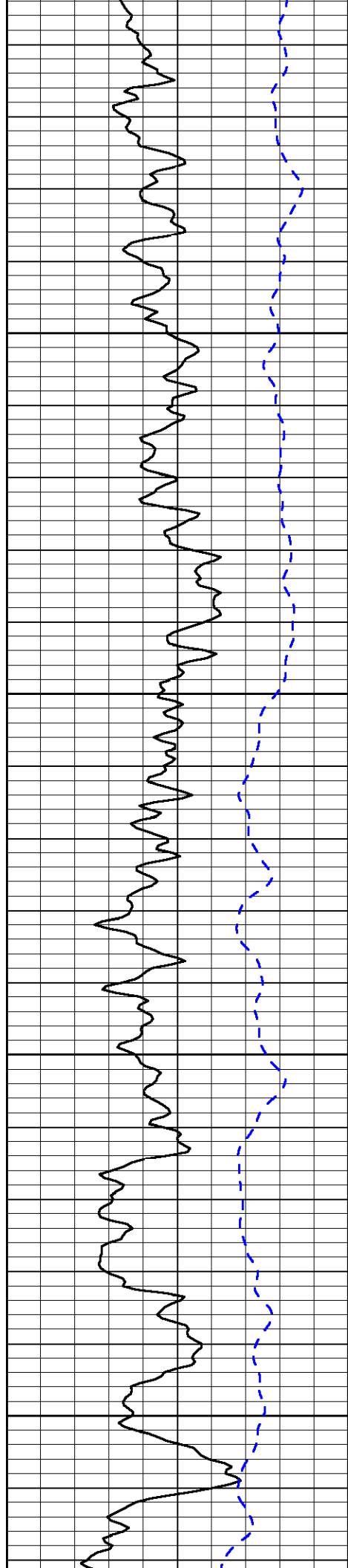
-103

-99

-99

-99

-99

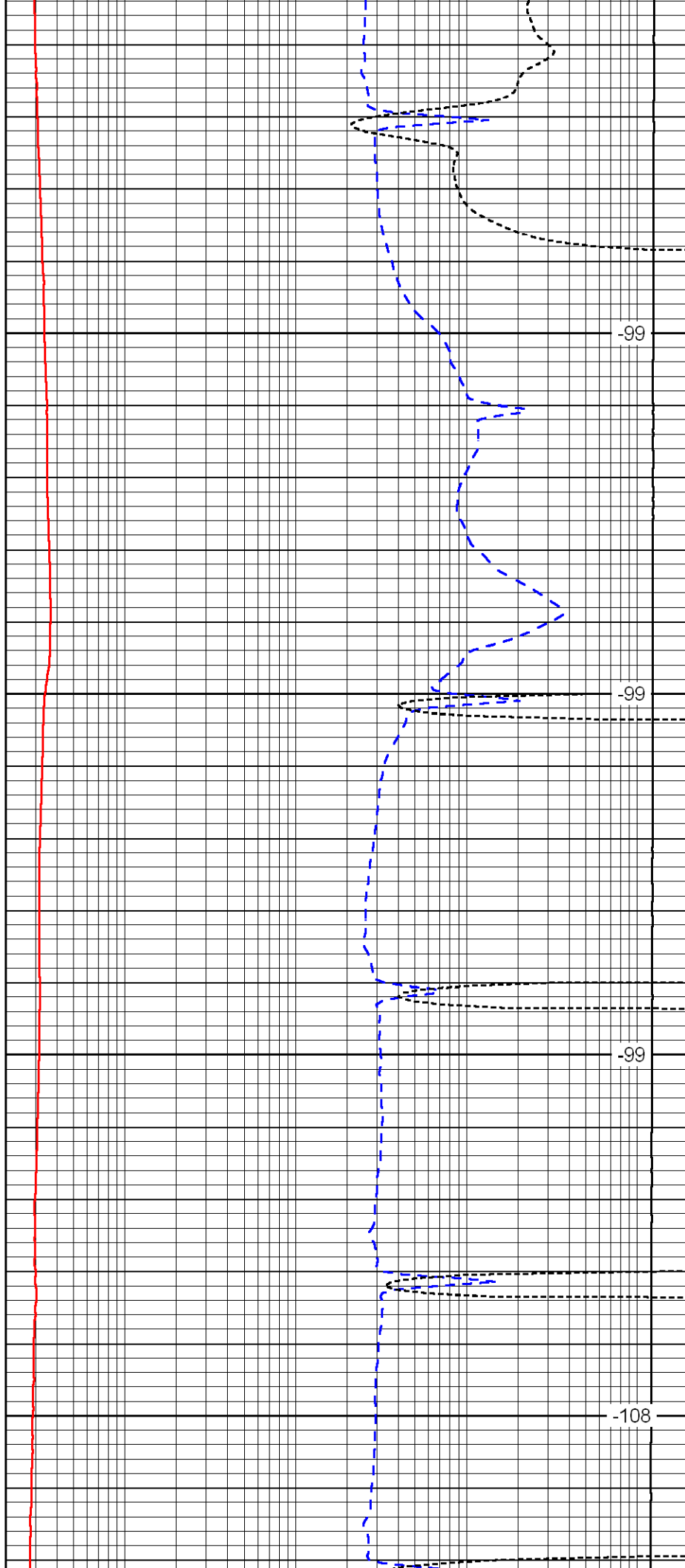


550

600

650

700

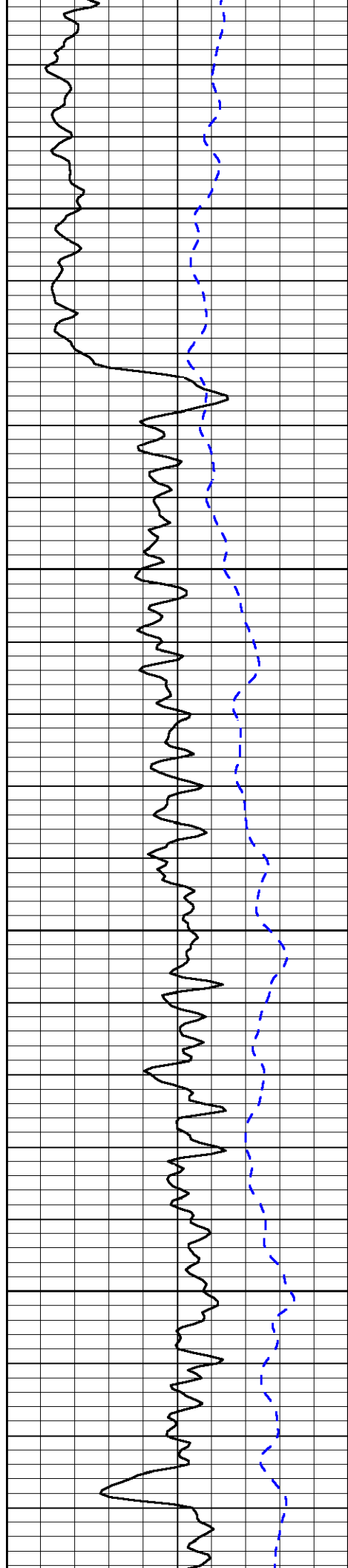


-99

-99

-99

-108

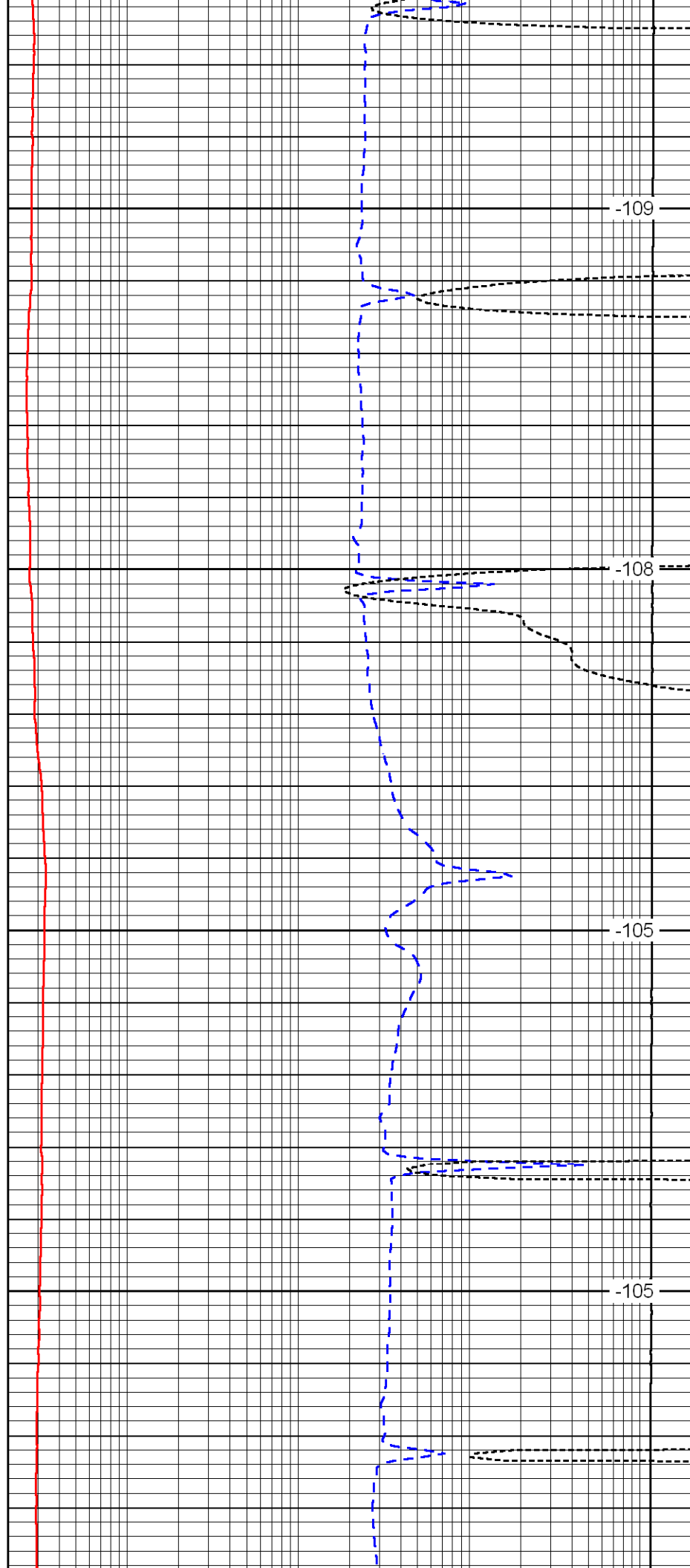


750

800

850

900

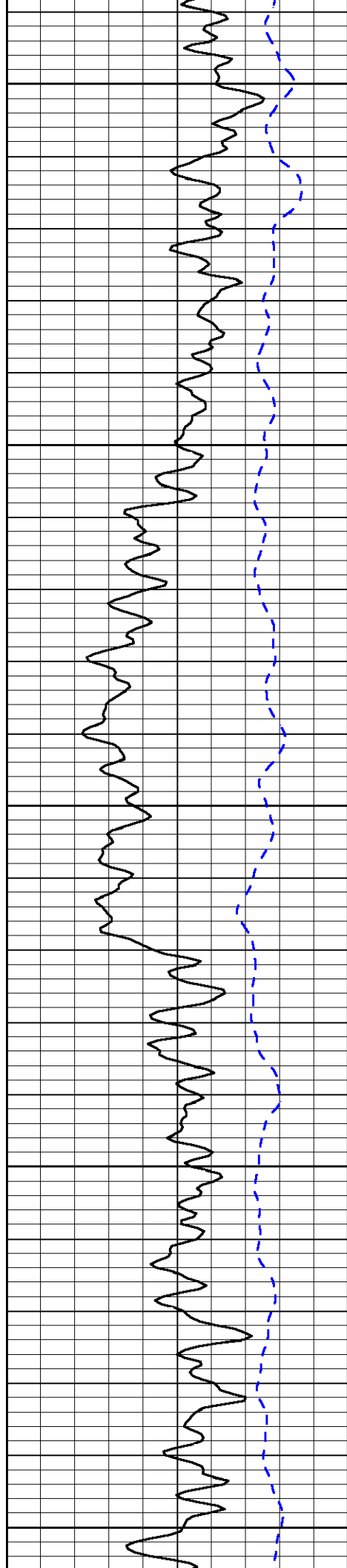


-109

-108

-105

-105



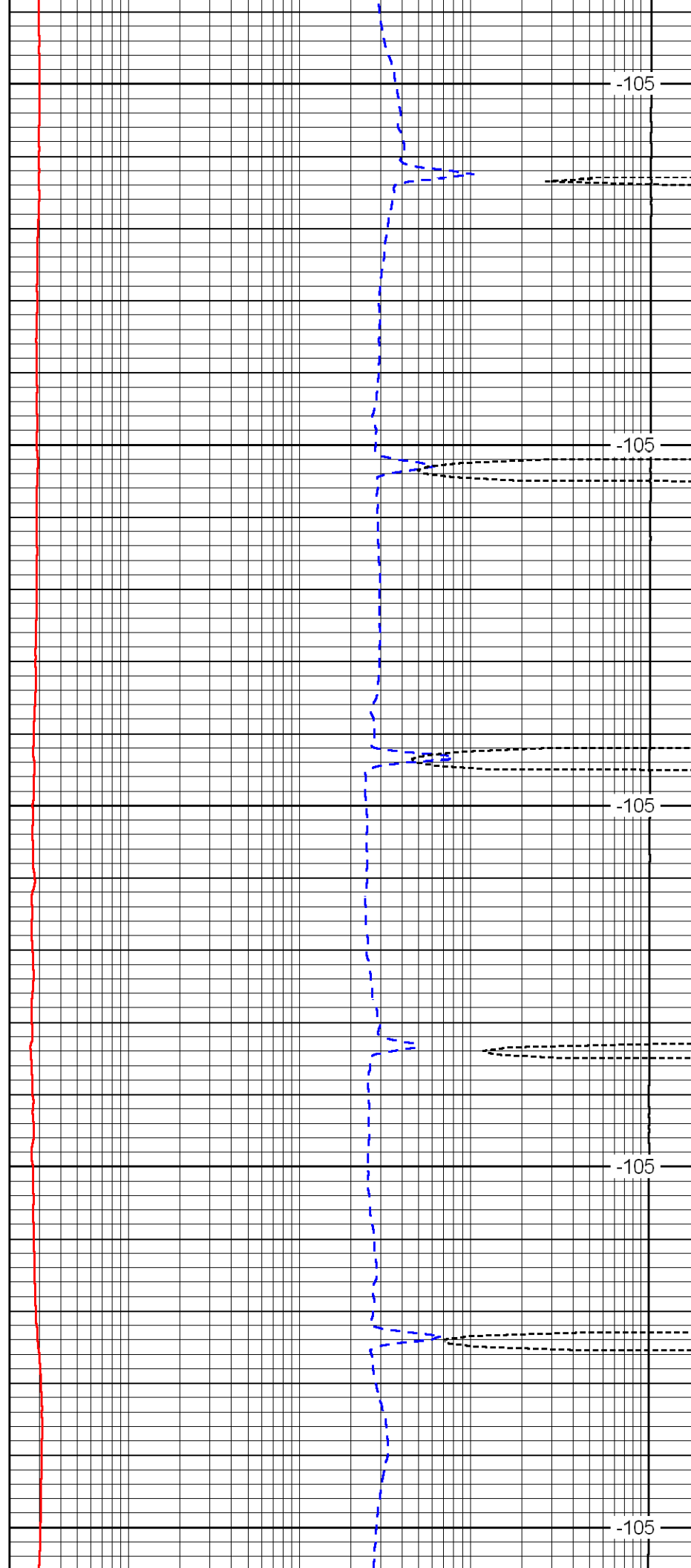
950

1000

1050

1100

1150



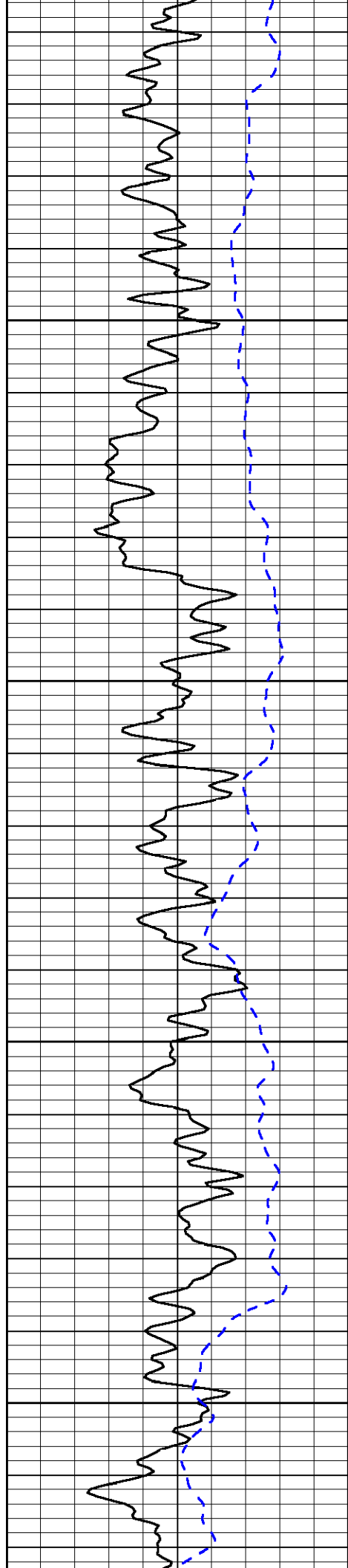
-105

-105

-105

-105

-105

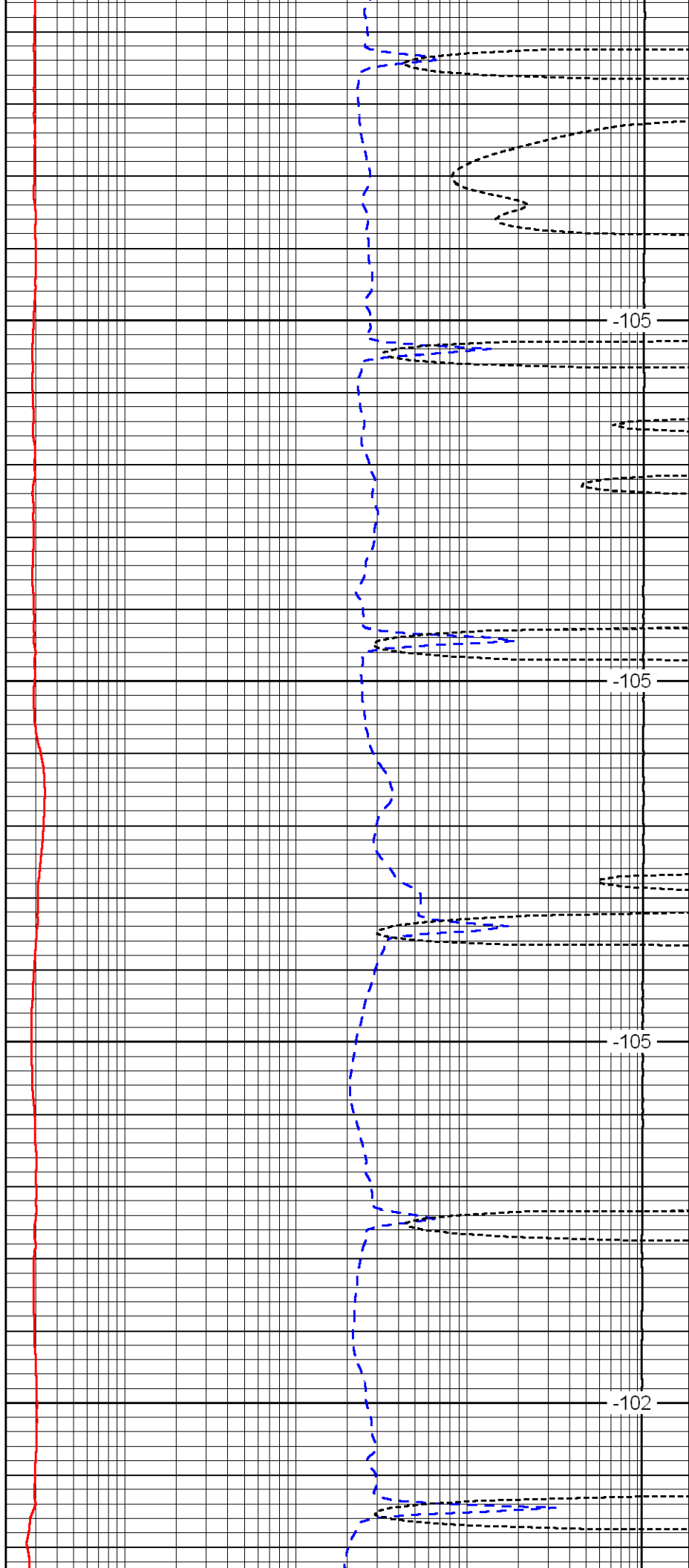


1200

1250

1300

1350

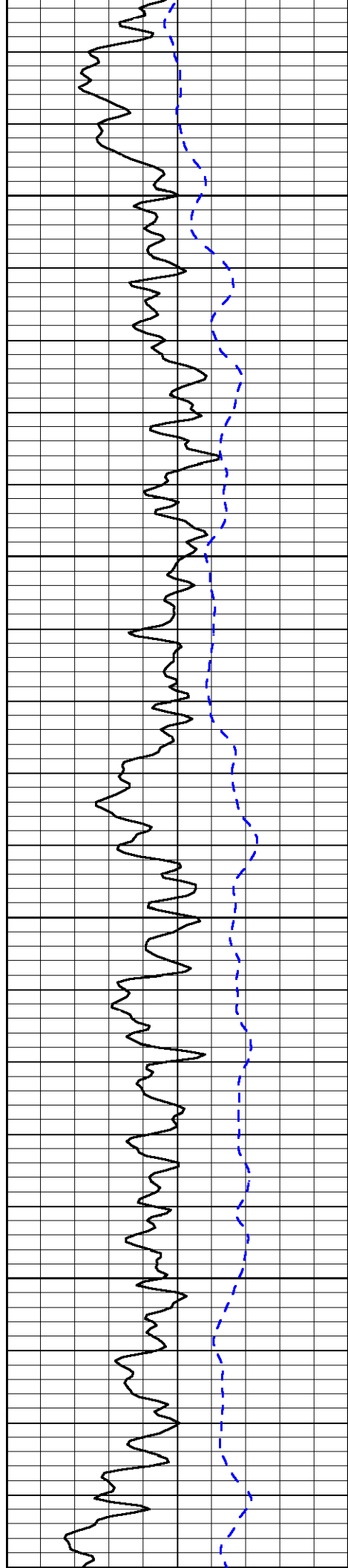


-105

-105

-105

-102

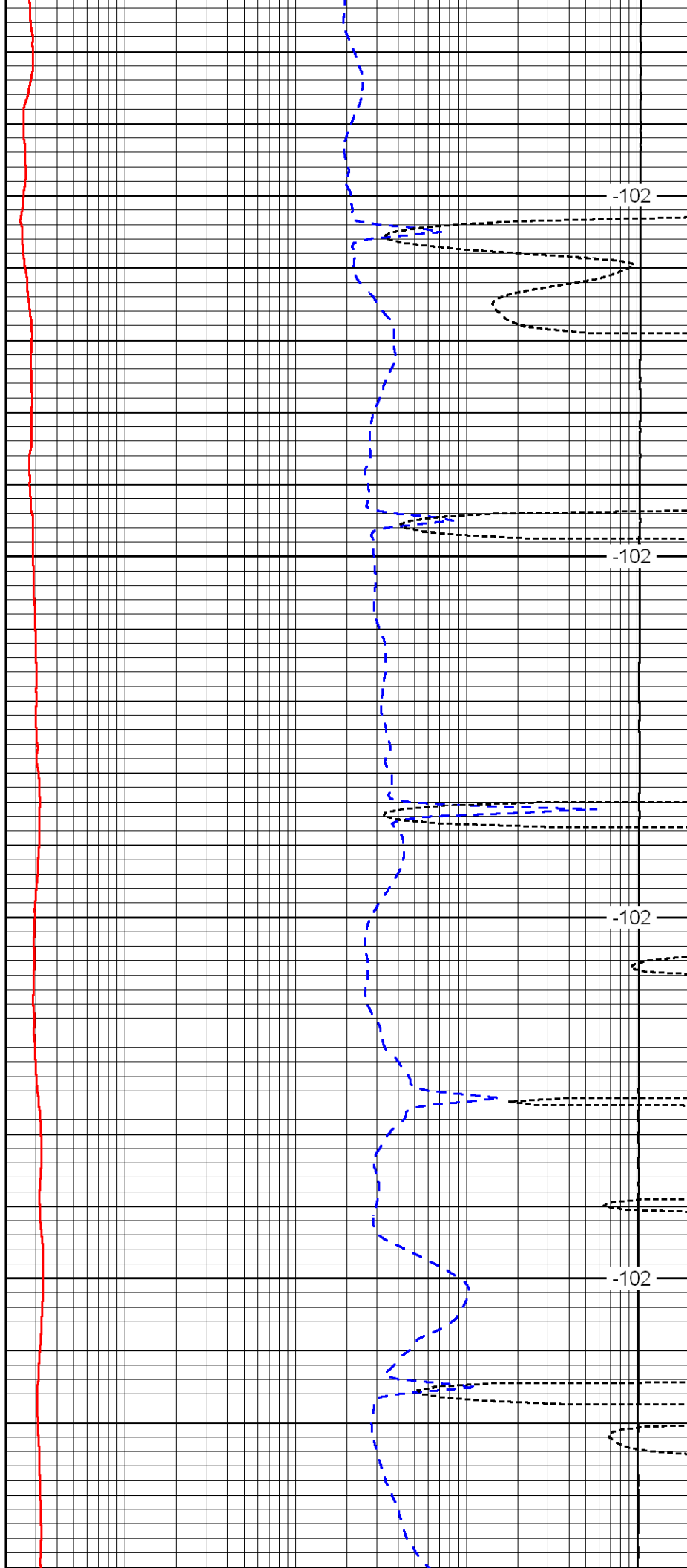


1400

1450

1500

1550

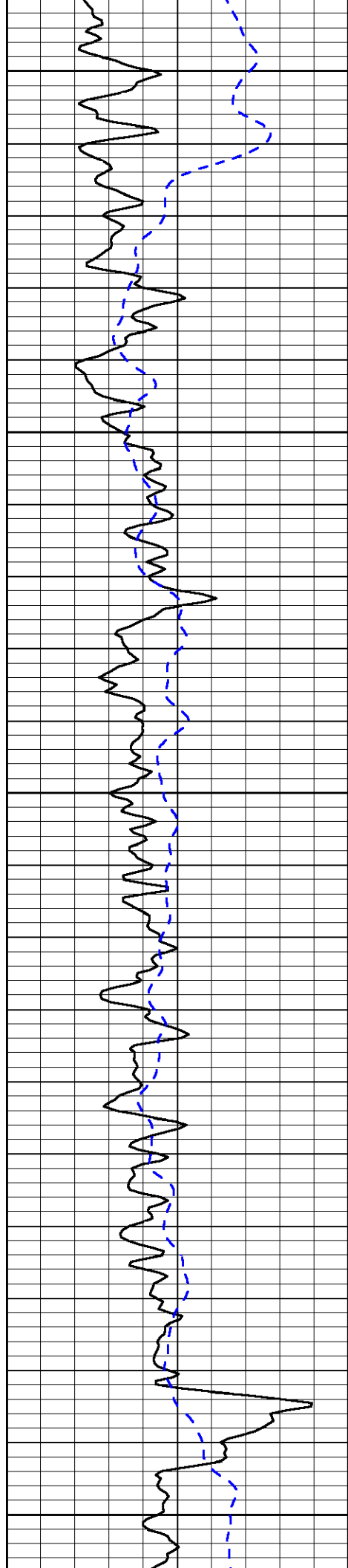


-102

-102

-102

-102



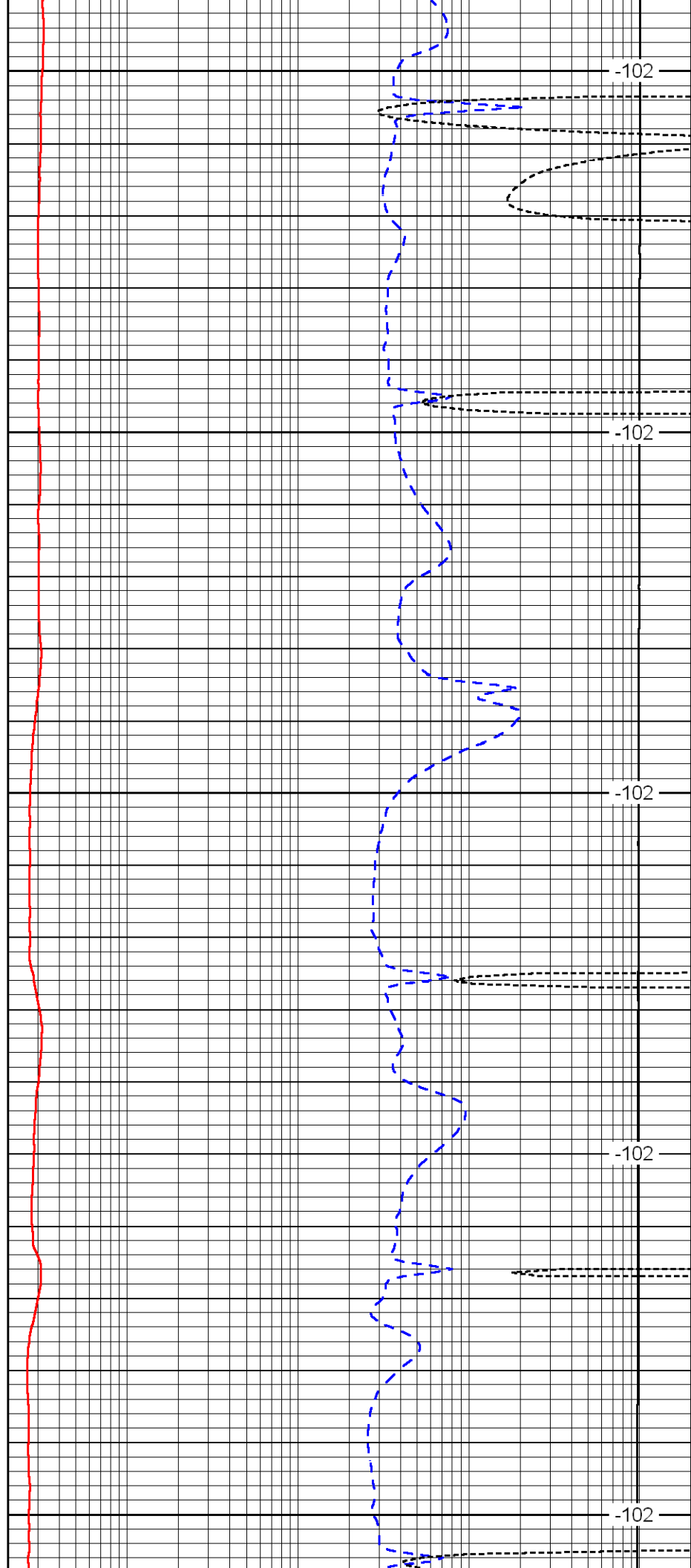
1600

1650

1700

1750

1800



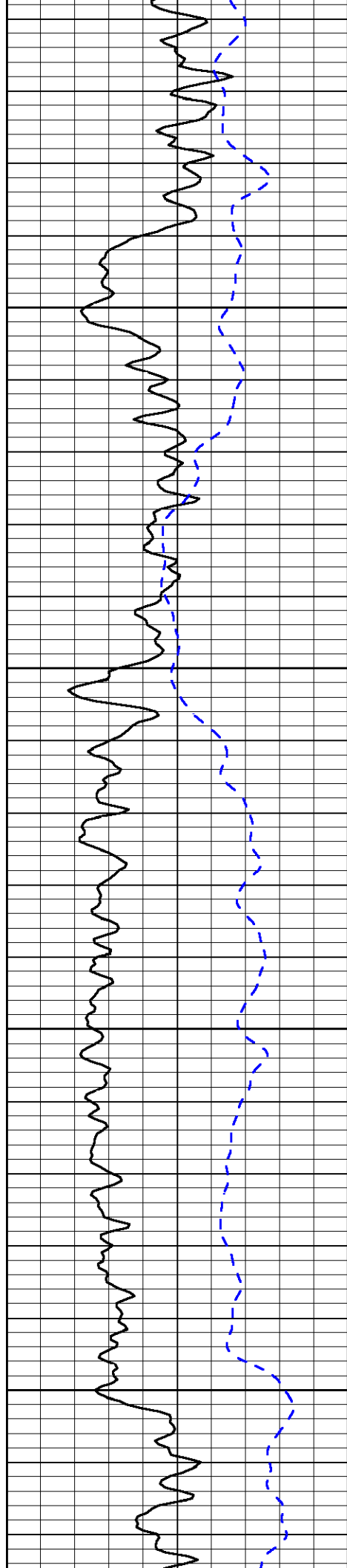
-102

-102

-102

-102

-102

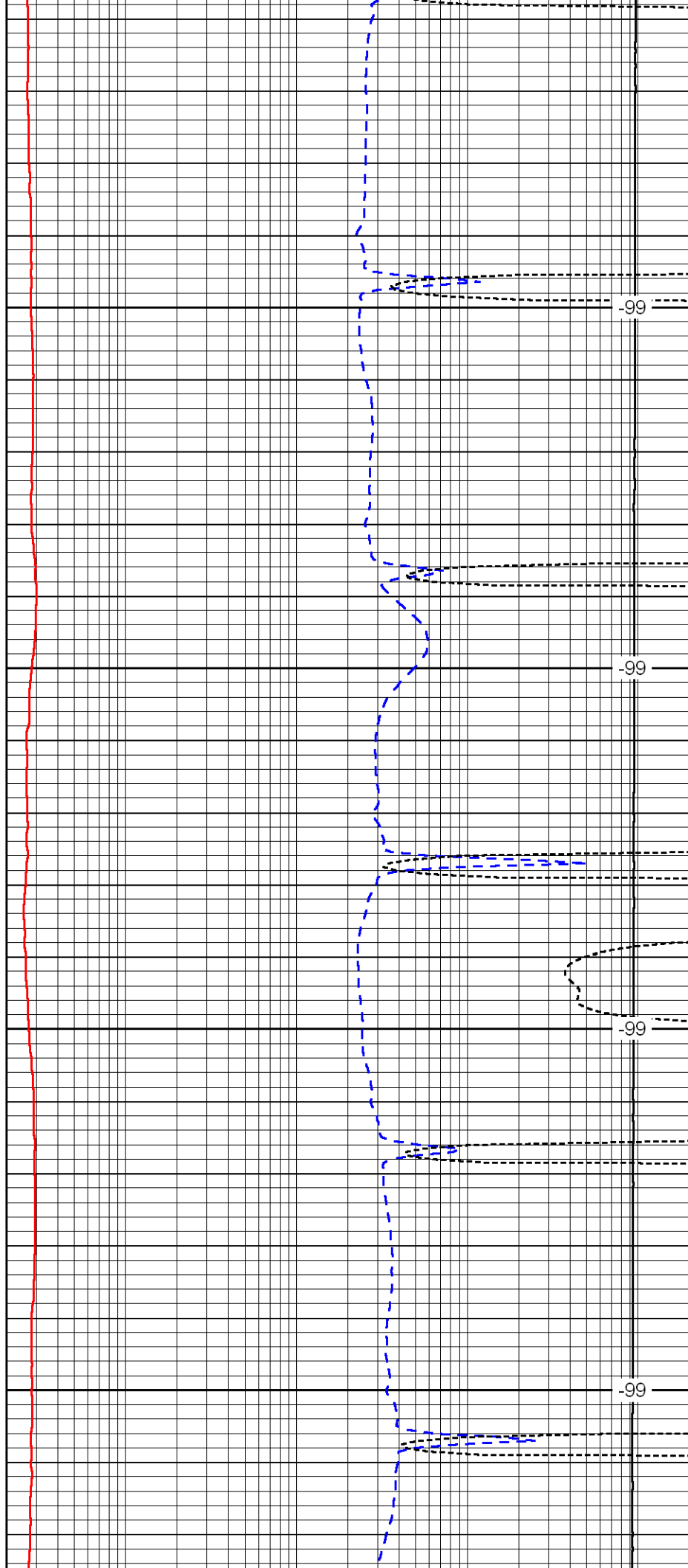


1850

1900

1950

2000

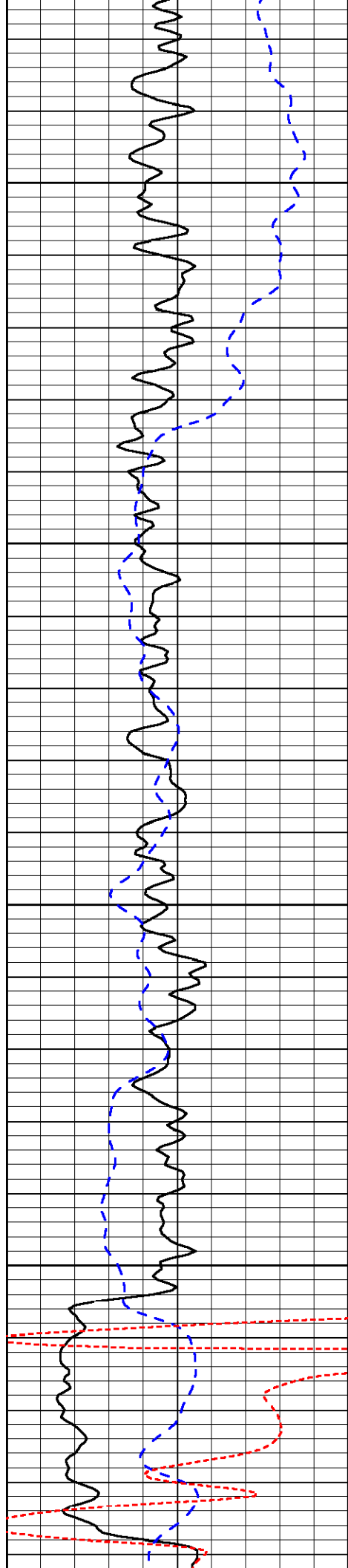


-99

-99

-99

-99

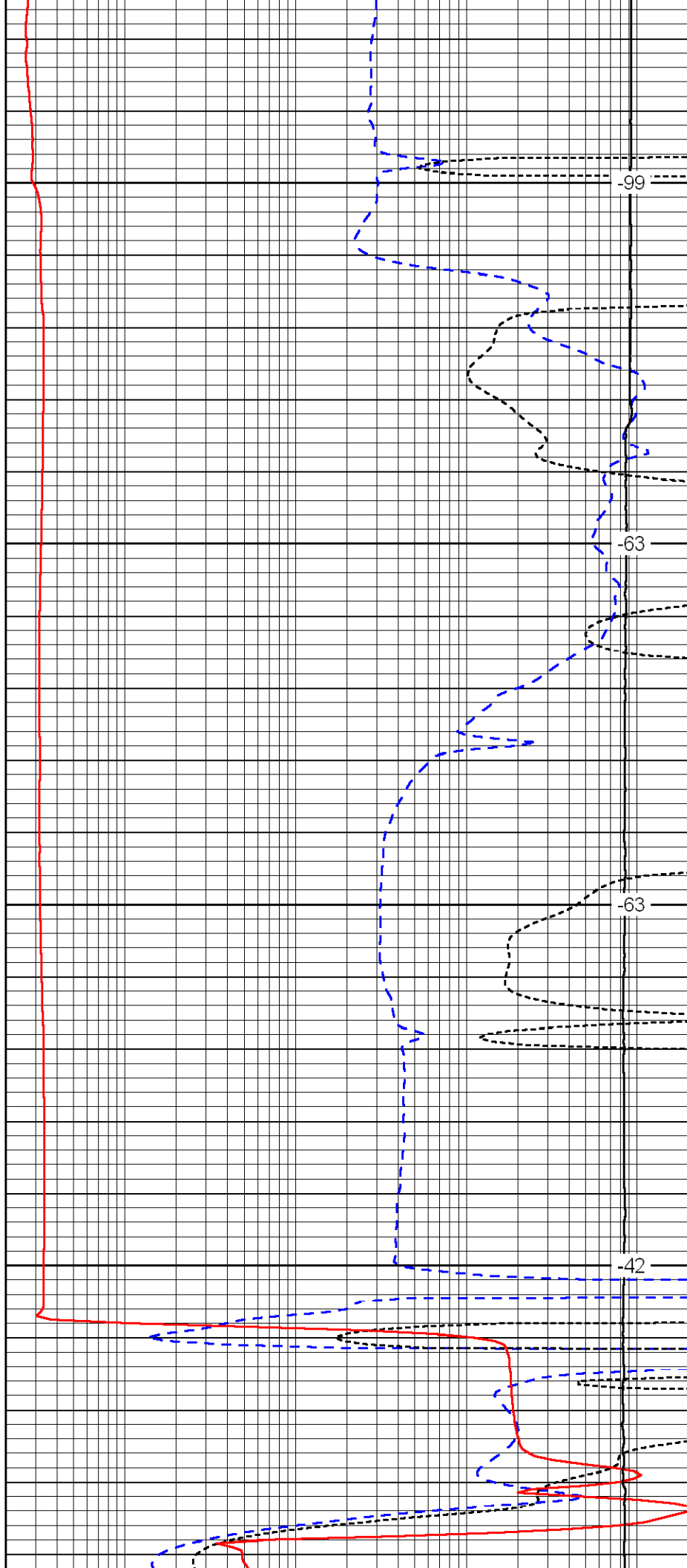


2050

2100

2150

2200

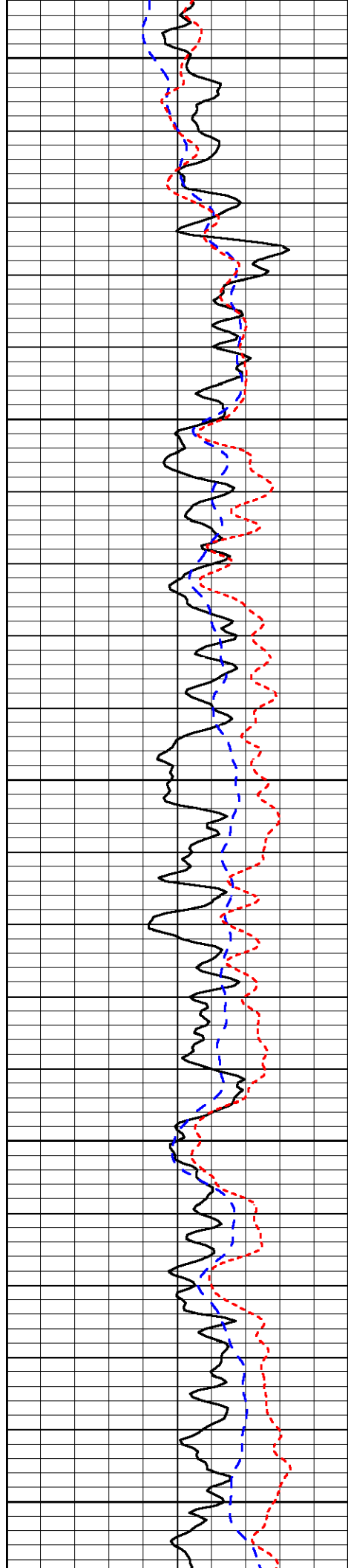


-99

-63

-63

-42



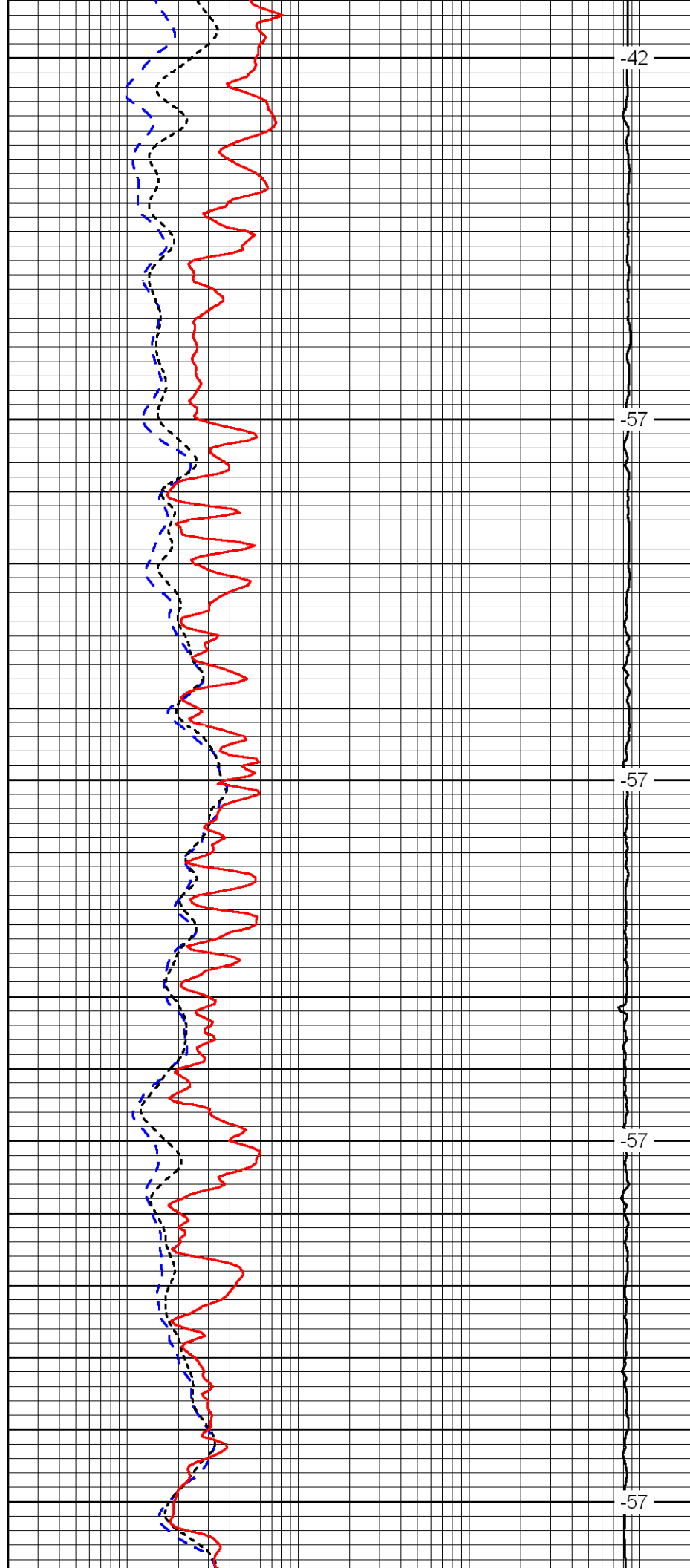
2250

2300

2350

2400

2450



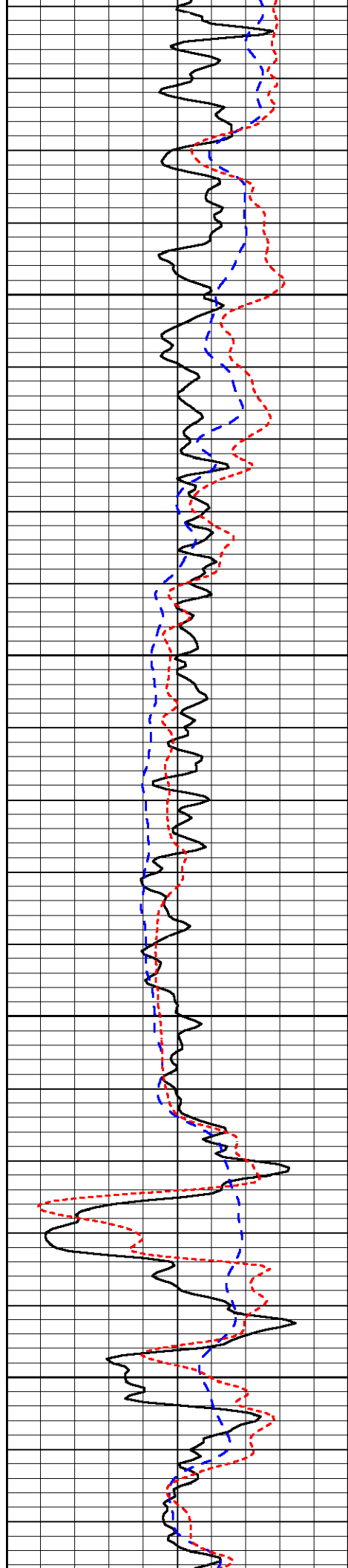
-42

-57

-57

-57

-57

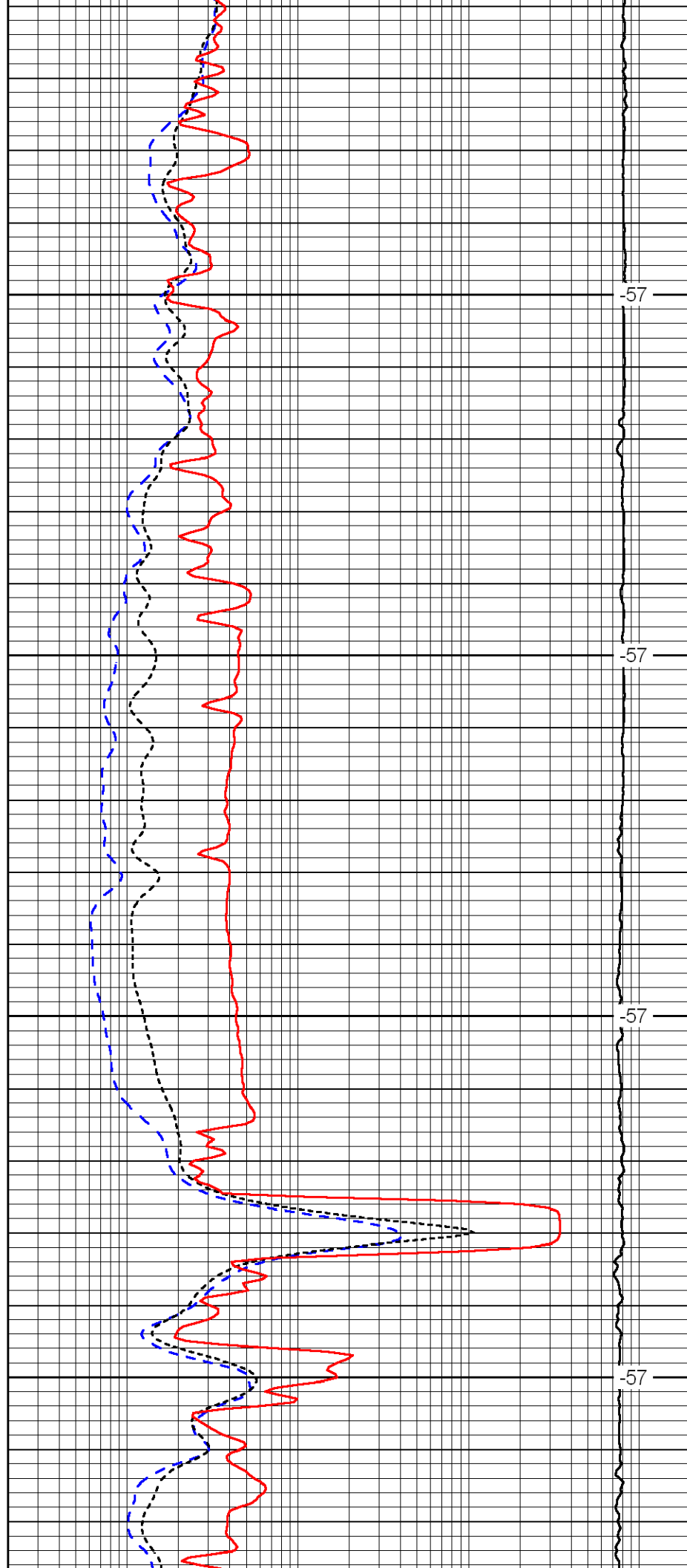


2500

2550

2600

2650

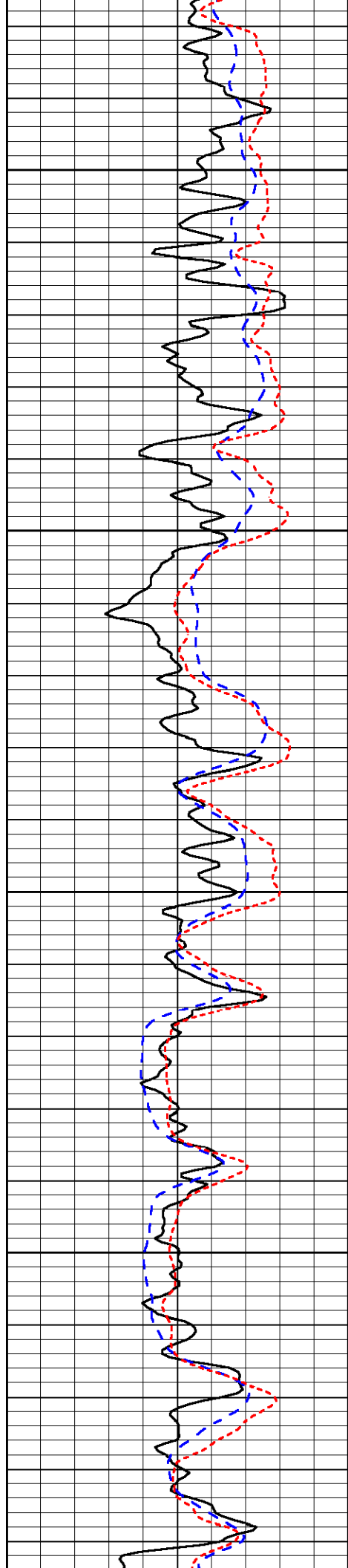


-57

-57

-57

-57

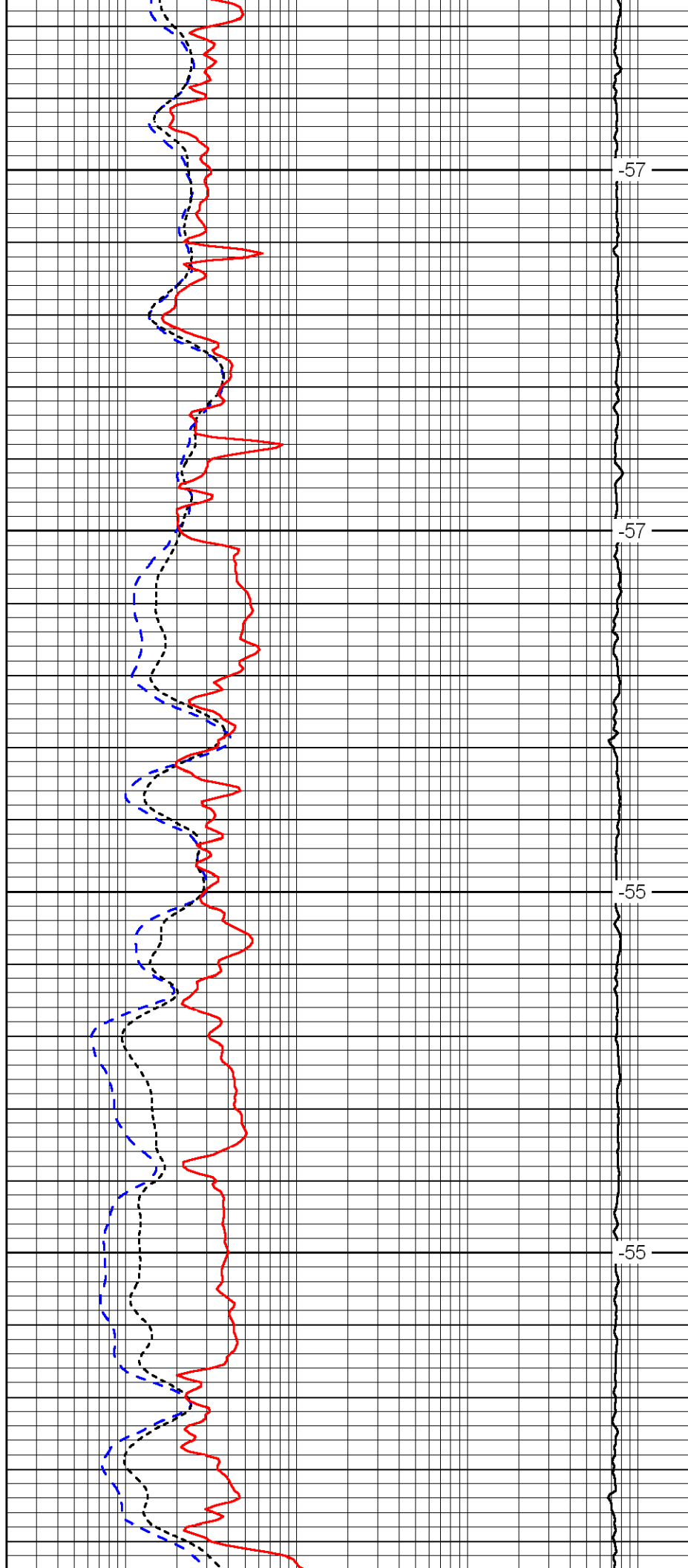


2700

2750

2800

2850

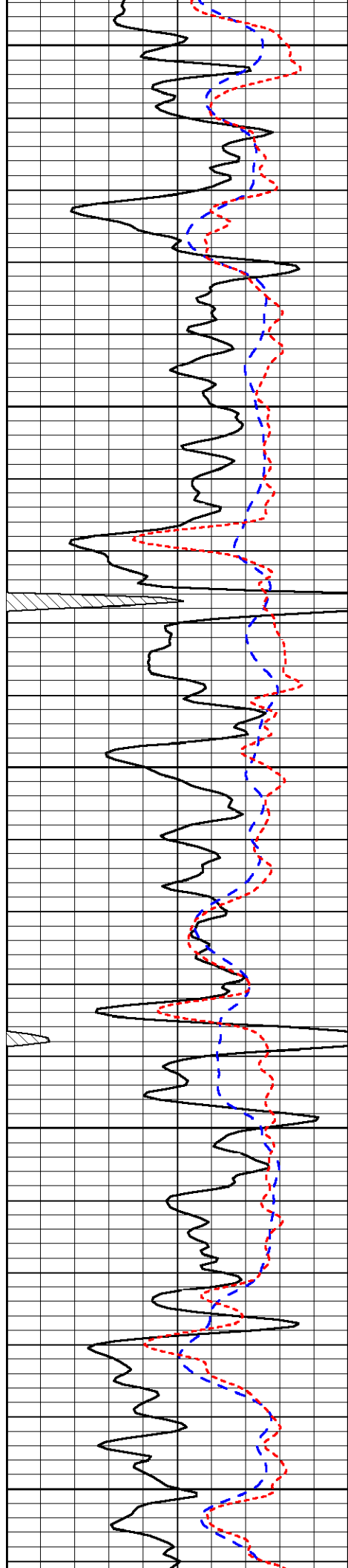


-57

-57

-55

-55



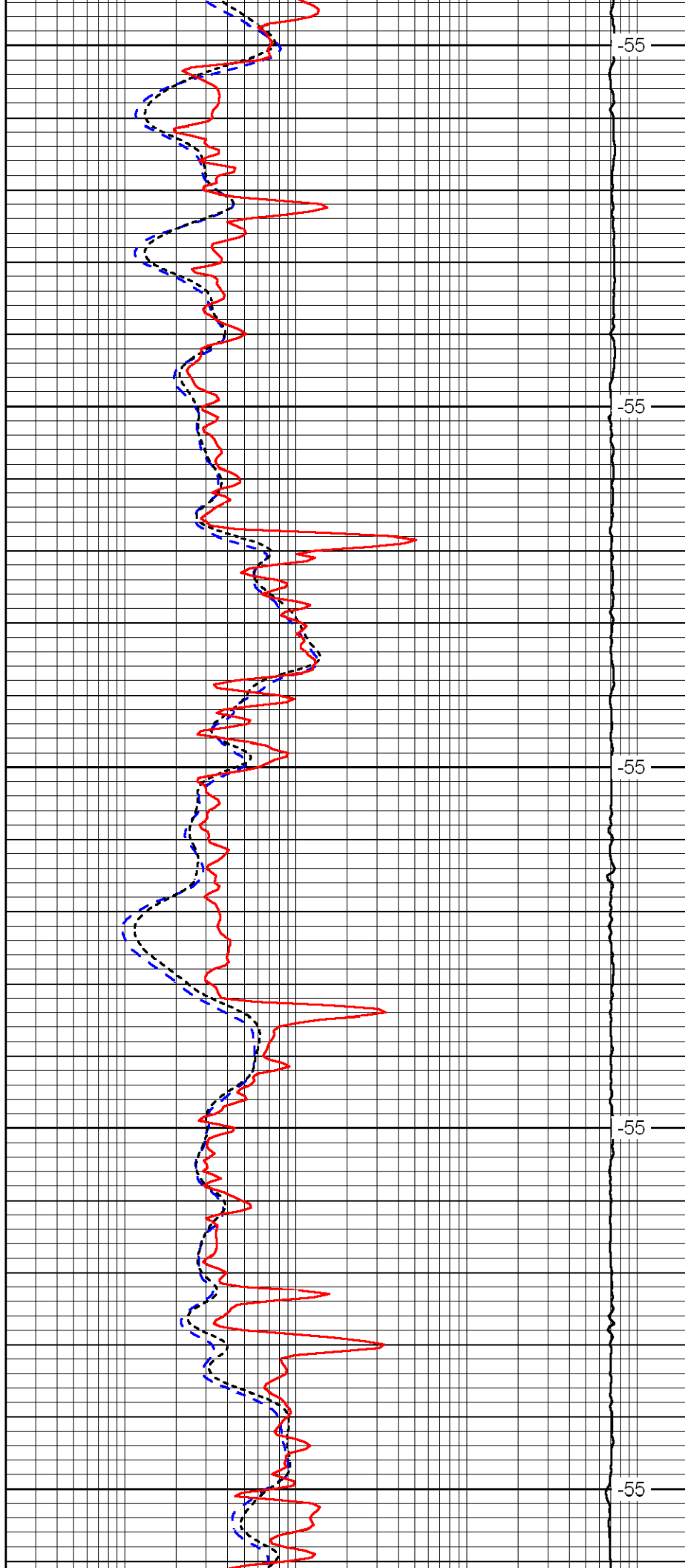
2900

2950

3000

3050

3100



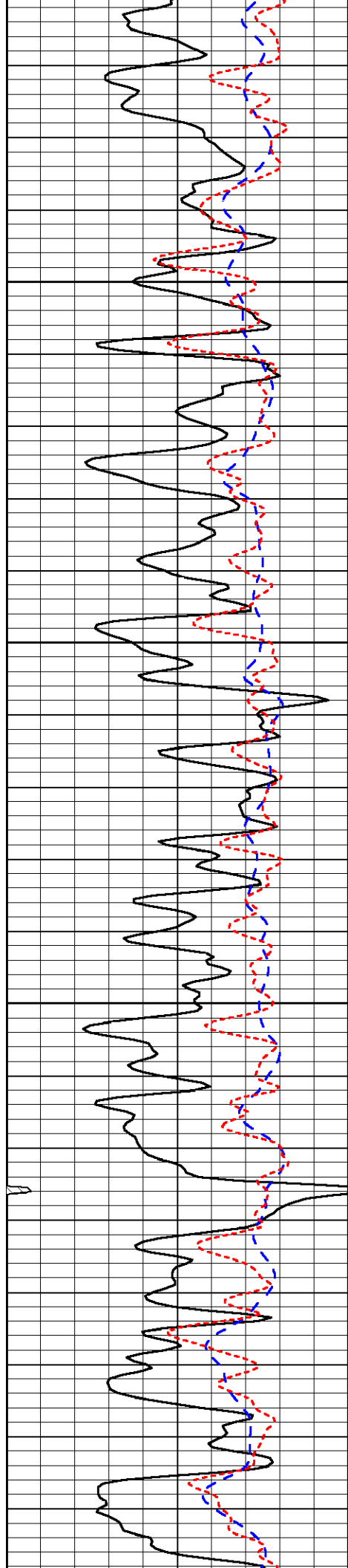
-55

-55

-55

-55

-55

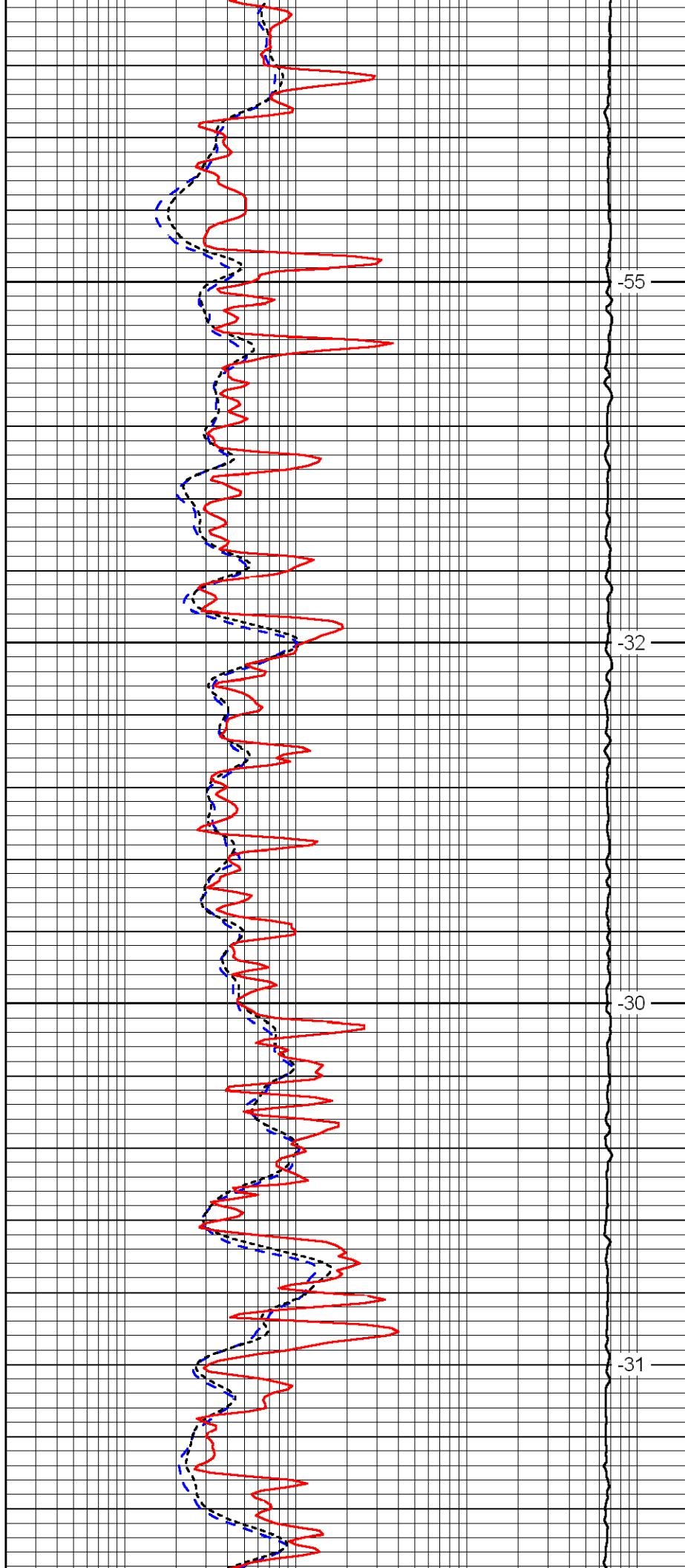


3150

3200

3250

3300

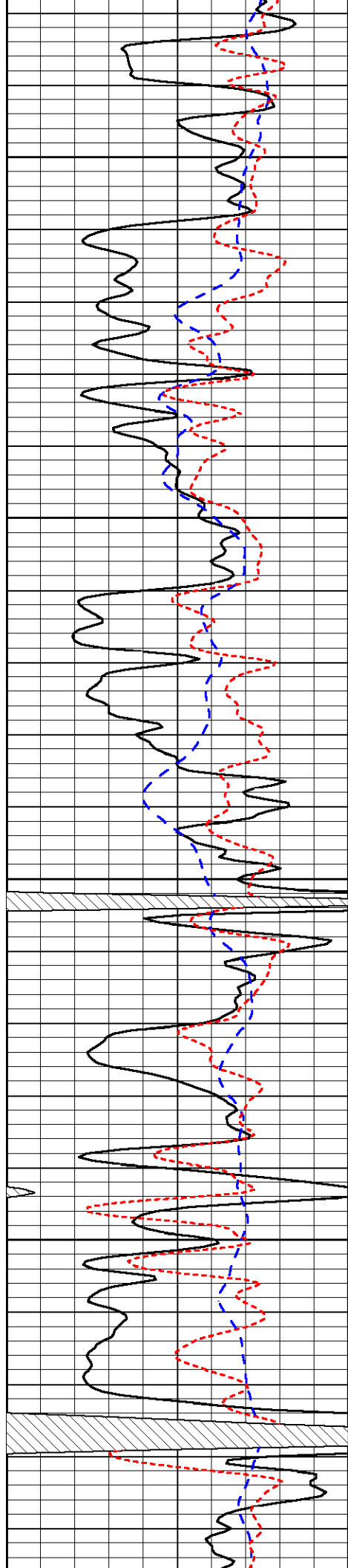


-55

-32

-30

-31

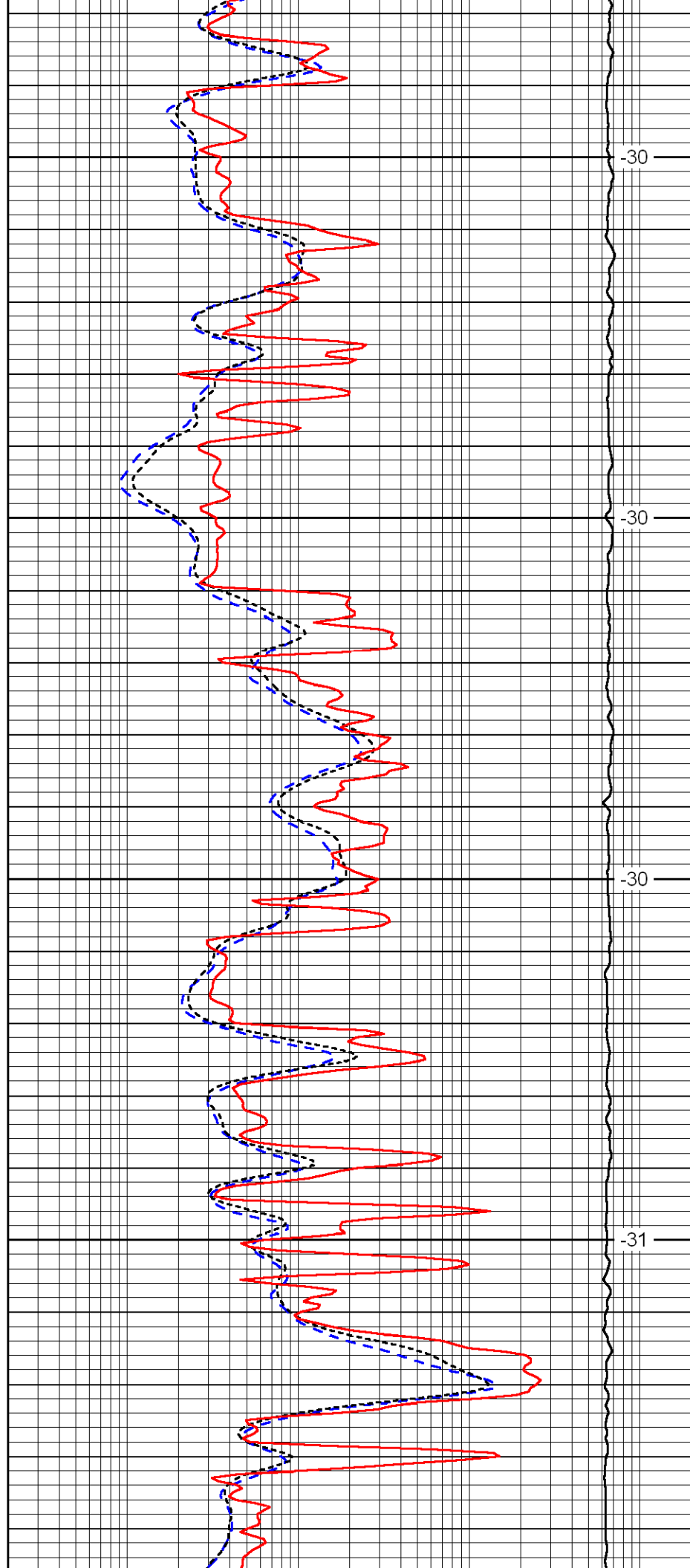


3350

3400

3450

3500

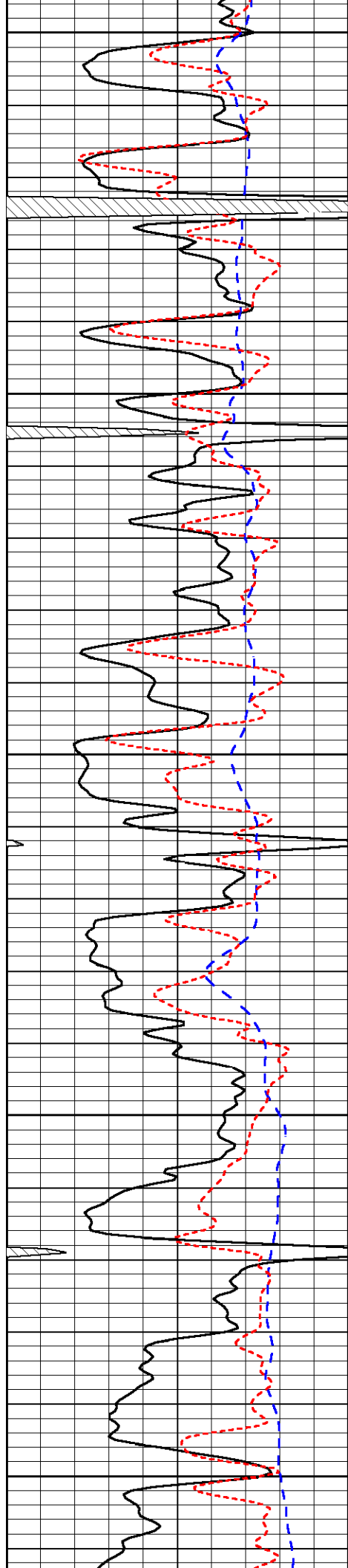


-30

-30

-30

-31



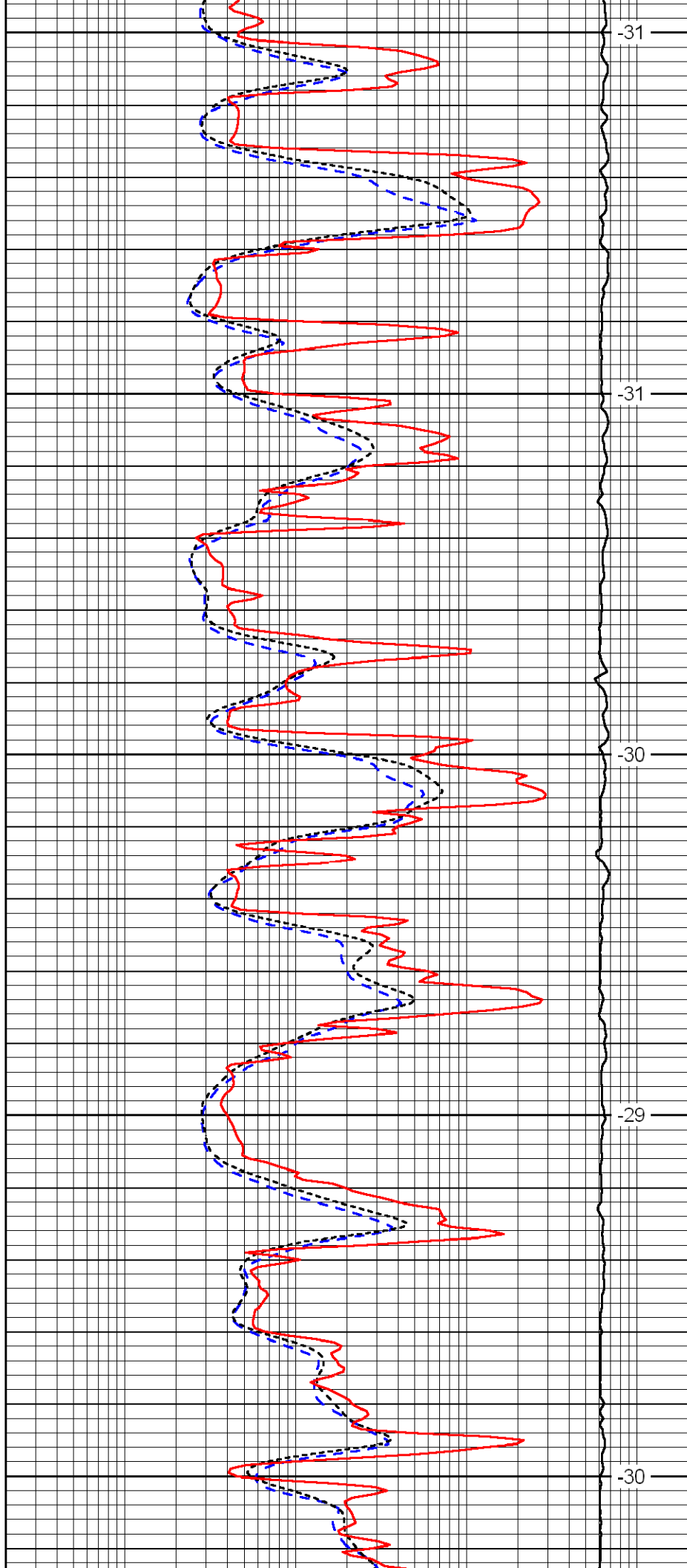
3550

3600

3650

3700

3750



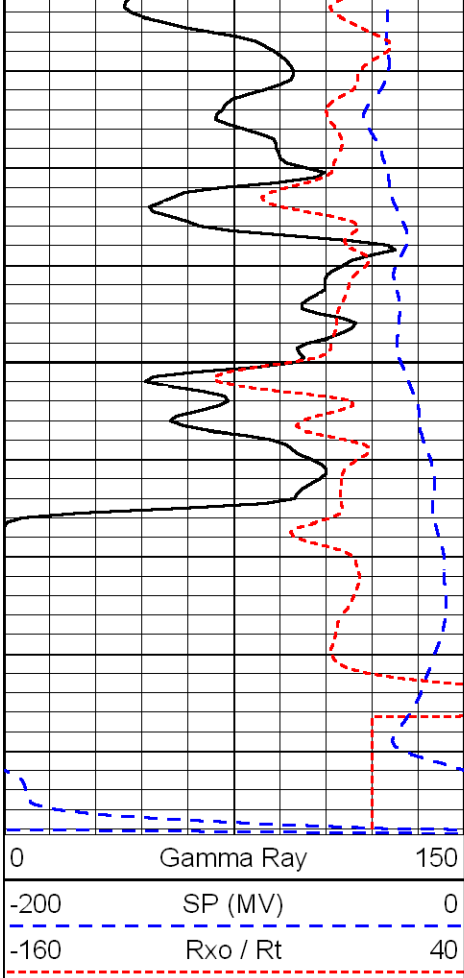
-31

-31

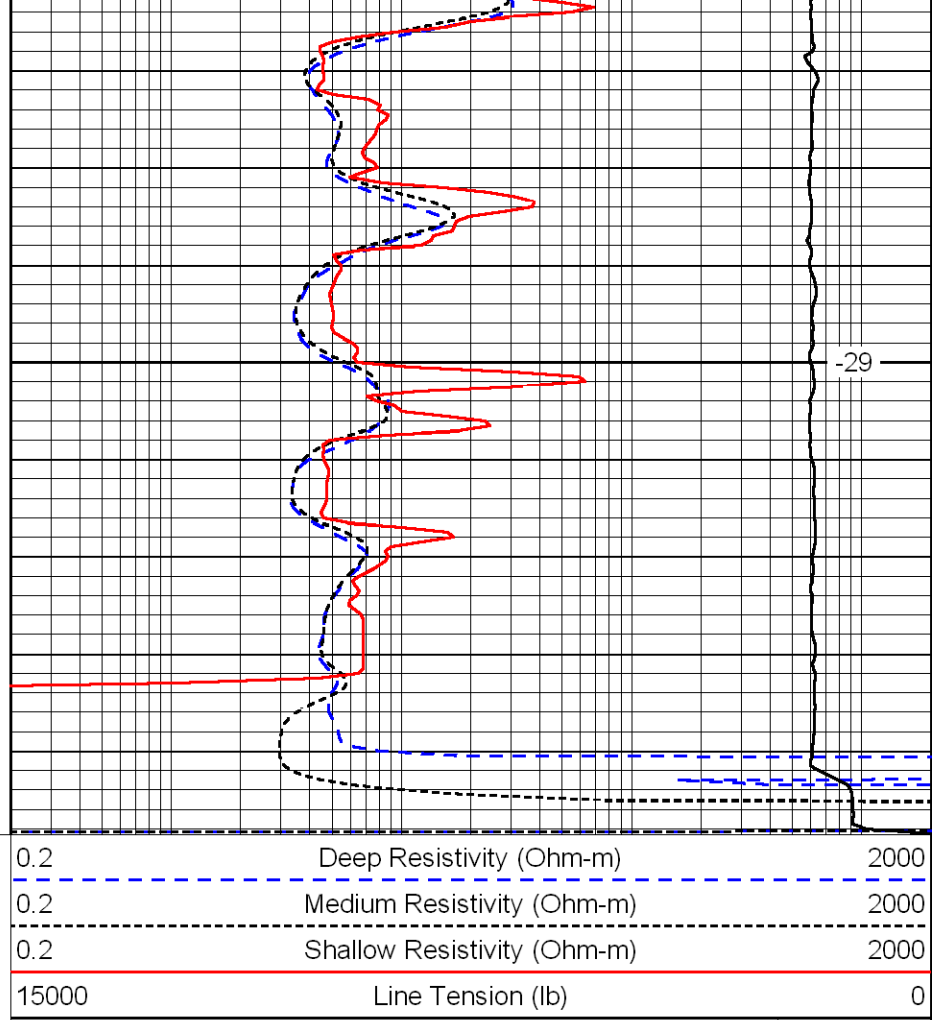
-30

-29

-30



3800



-29

LSPD
(ft/min)