

LOG-TECH



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-025-21,494-00-00

Company Midco Exploration, Inc.

Well Theis No. 3-18

Field Wildcat

County Clark State

Kansas

Location

NW SE NE SE
1800' FSL & 500' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 18

Twp: 33 S

Rge: 25 W

Permanent Datum

Ground Level

Elevation 2089

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

K.B. 2099
D.F.
G.L. 2089

Dilling Measured From Kelly Bushing

Date

02/12/2010

Run Number

One

Depth Driller

7252

Depth Logger

7247

Bottom Logged Interval

7246

Top Log Interval

850

Casing Driller

8.625 @ 882

Casing Logger

872

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5000

Density / Viscosity

9.0 49

pH / Fluid Loss

10.5 9.6

Source of Sample

Flowline

Rm @ Meas. Temp

.6 @ 65

Rmf @ Meas. Temp

.45 @ 65

Rmc @ Meas. Temp

.81 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

.26 @ 150

Operating Rig Time

7 Hours

Max Rec. Temp. F

150

Equipment Number

17

Location

Hays

Recorded By

M. Garrison

Witnessed By

J. Schuler

<<< 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

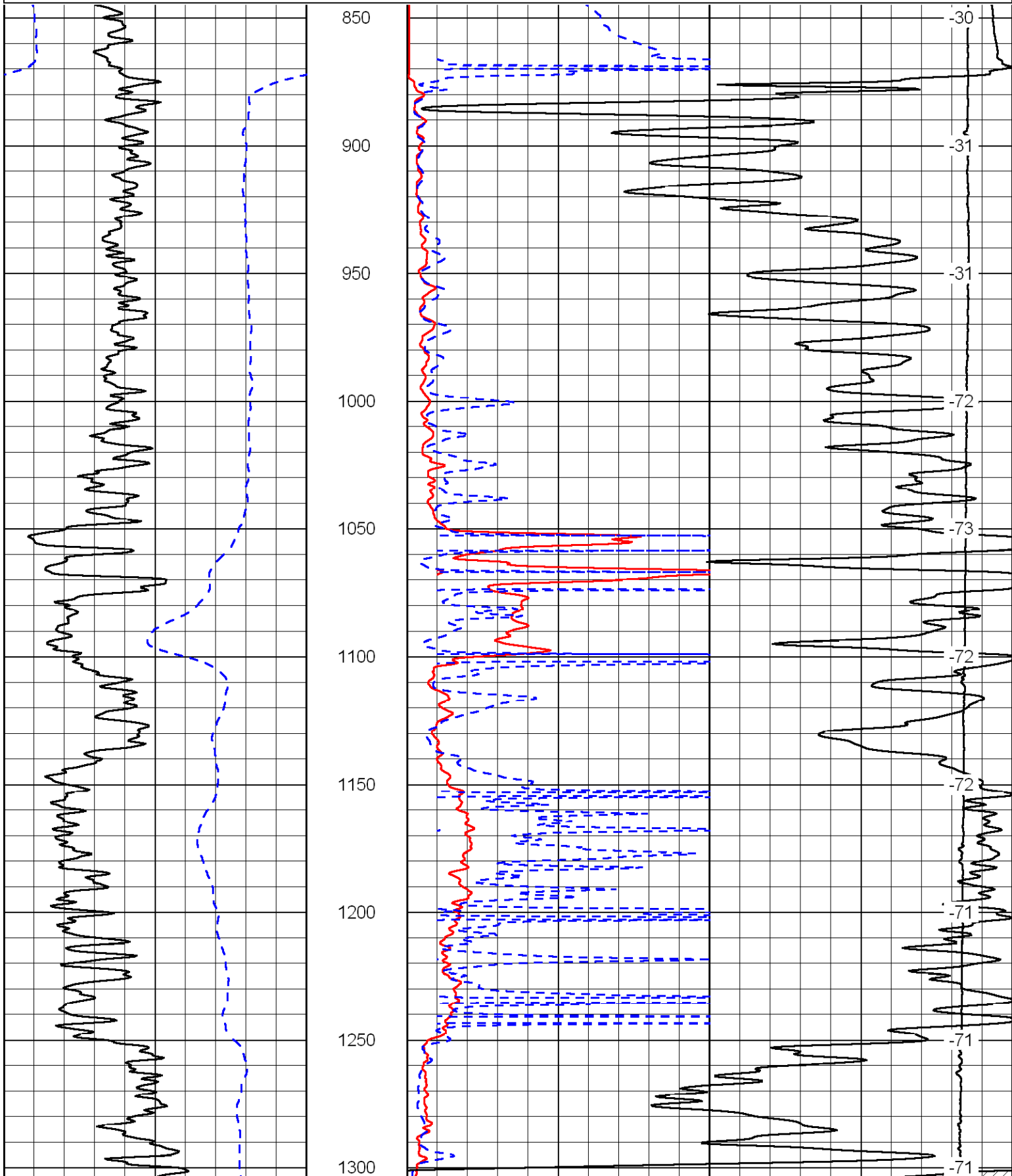
Thank you for using Log-Tech, Inc.
(785) 625-3858

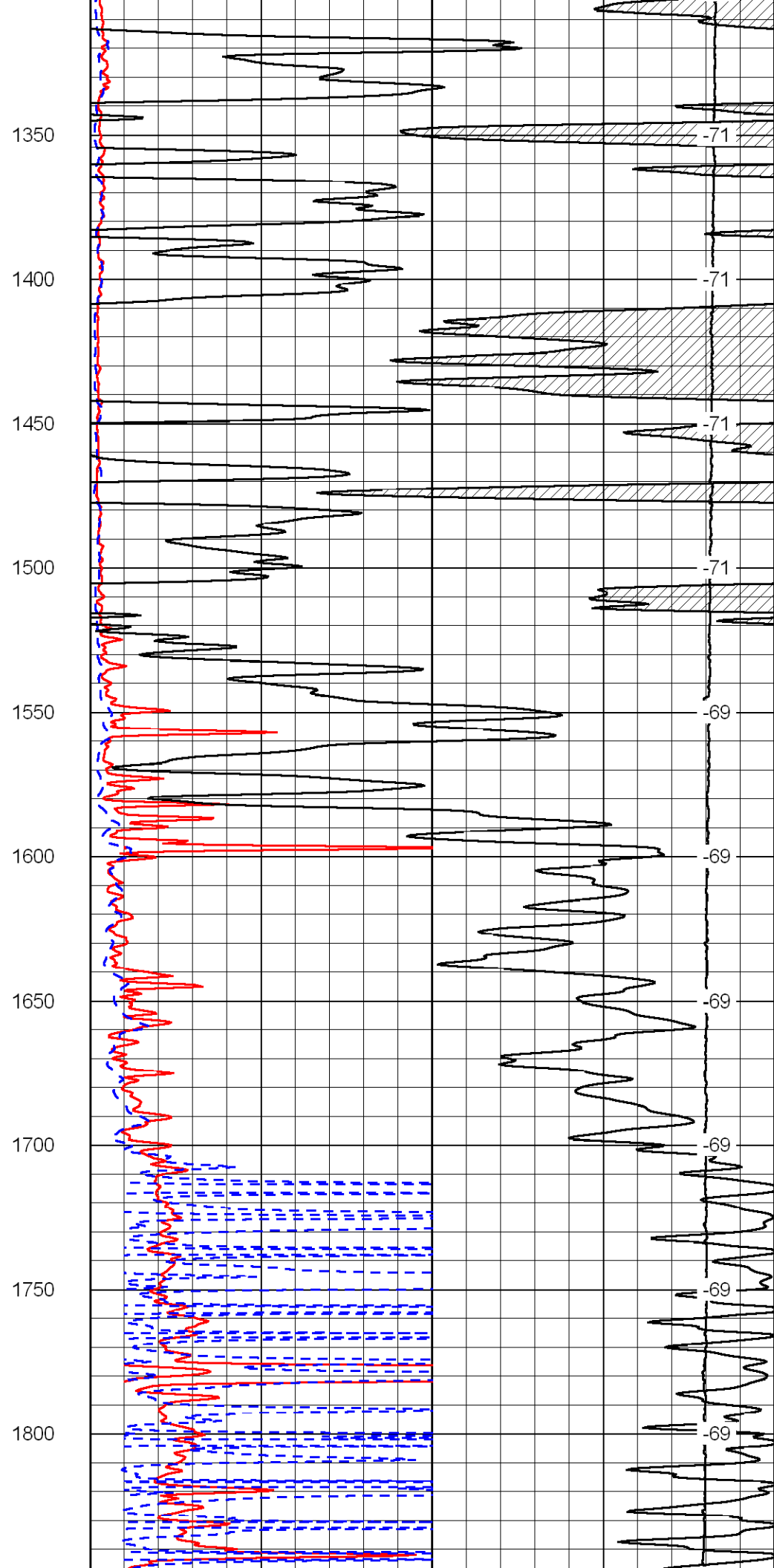
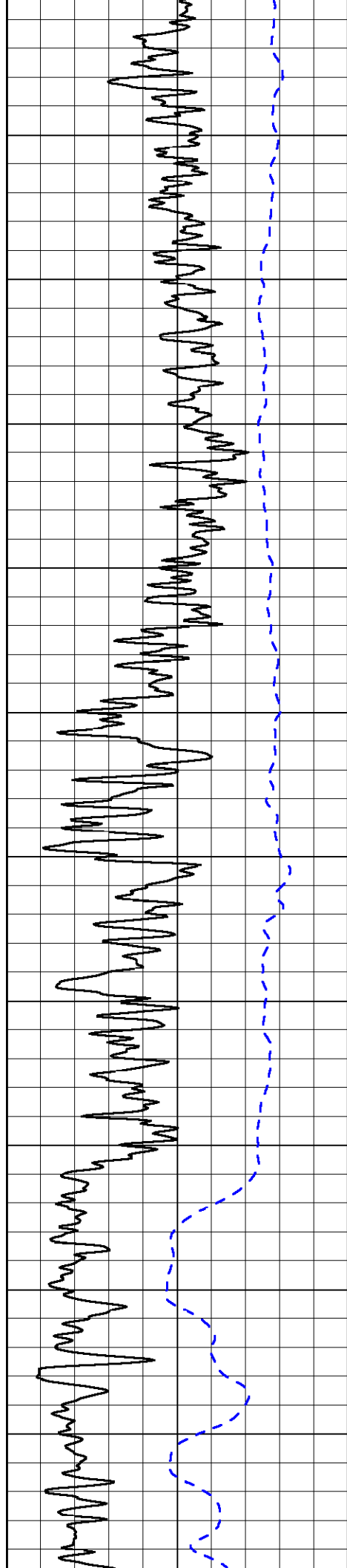
Hwy 160 & Hwy 283 Junction, 1 S, 6.2 W, 1/2 S, 1/2 E,
Get off Rock Road and Continue East

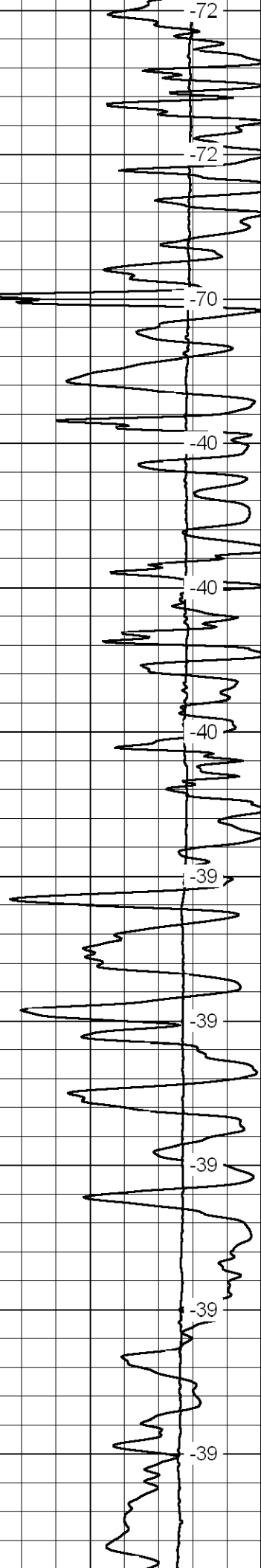
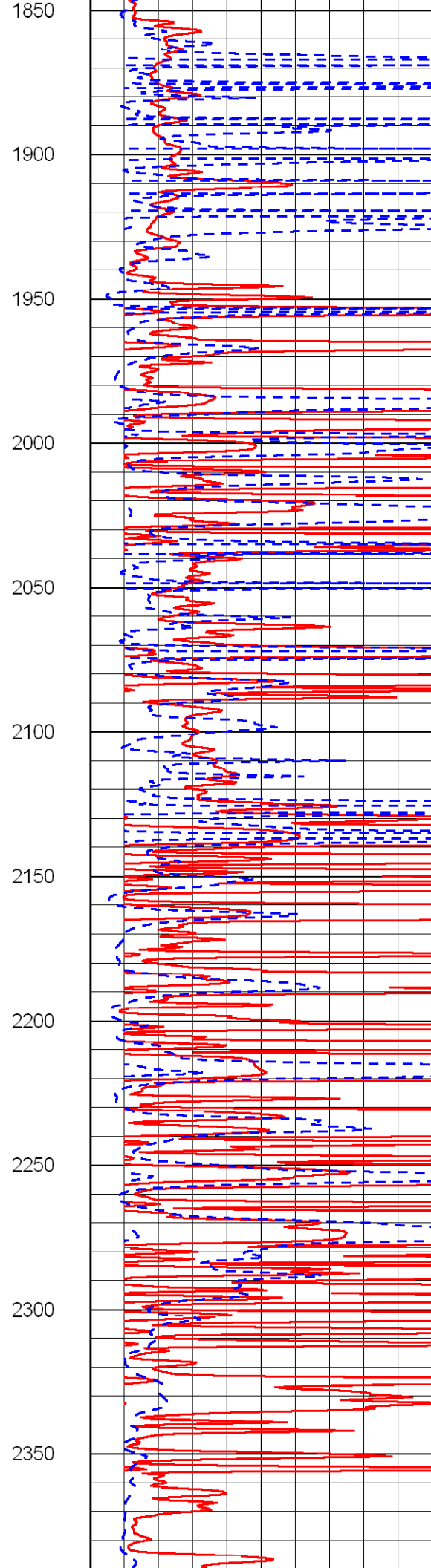
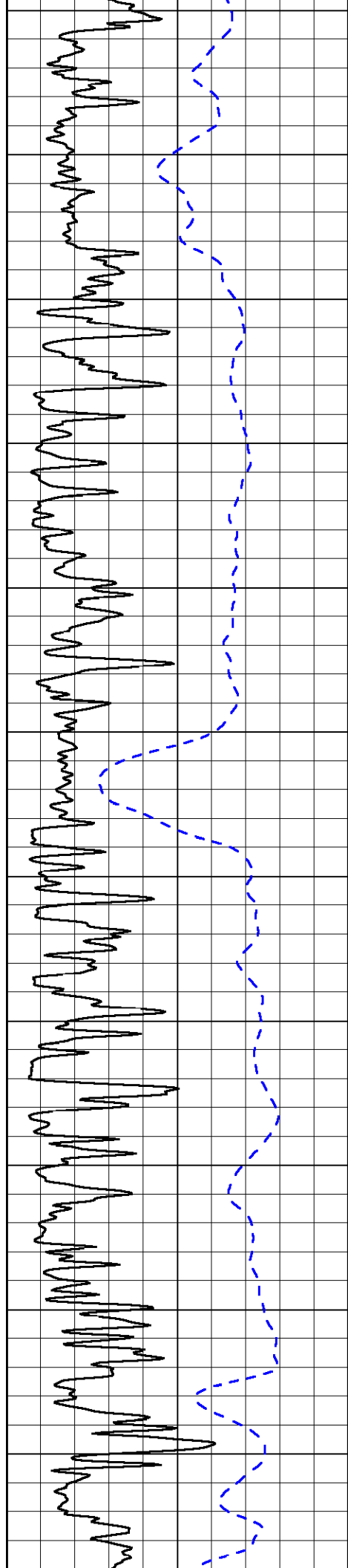
Database File: c:\warrior\data\midco_theis no. 3-18\midcohd.db
Dataset Pathname: dil/midstock
Presentation Format: dil2in
Dataset Creation: Fri Feb 12 08:06:23 2010
Charted by: Depth in Feet scaled 1:600

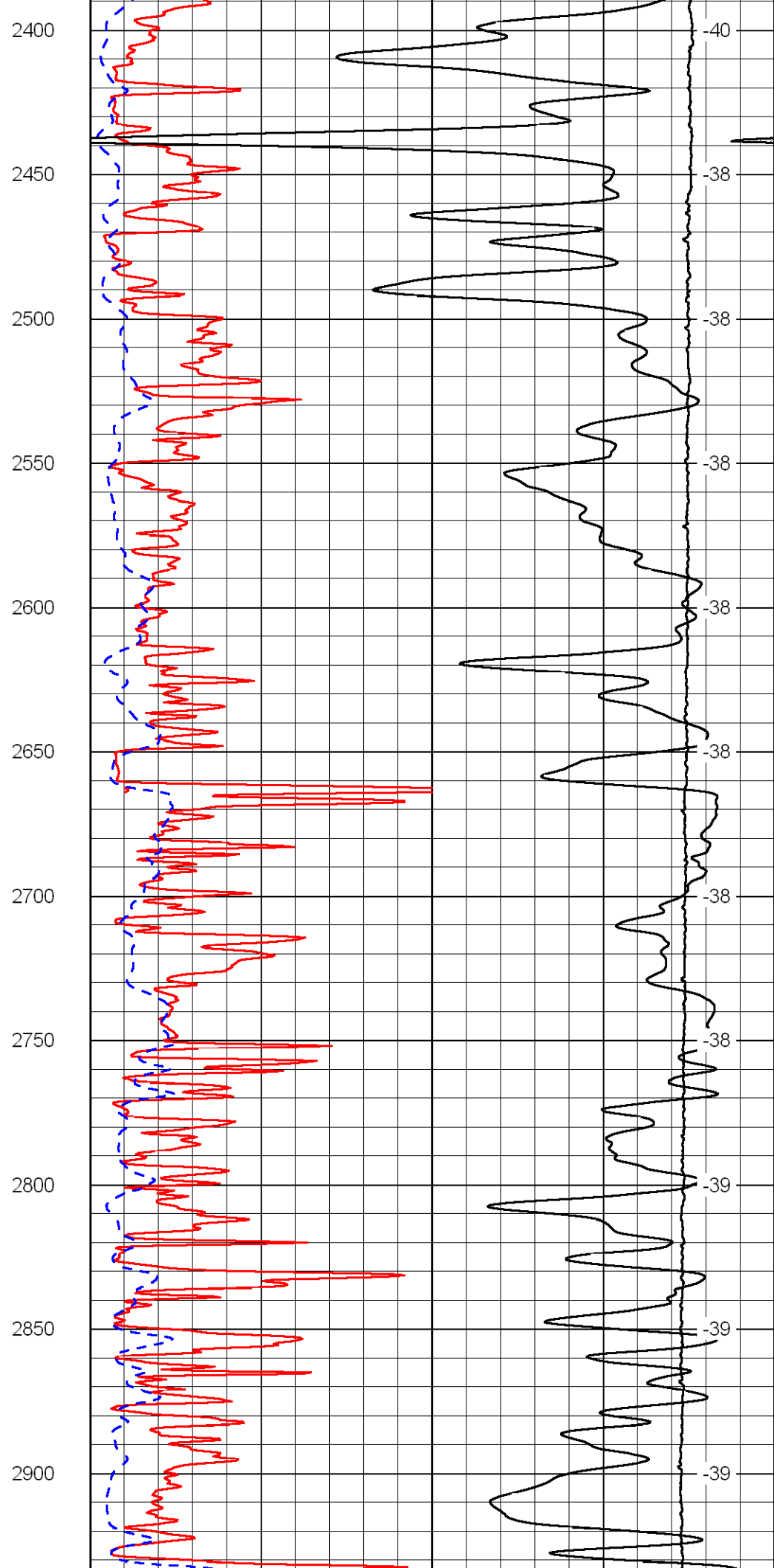
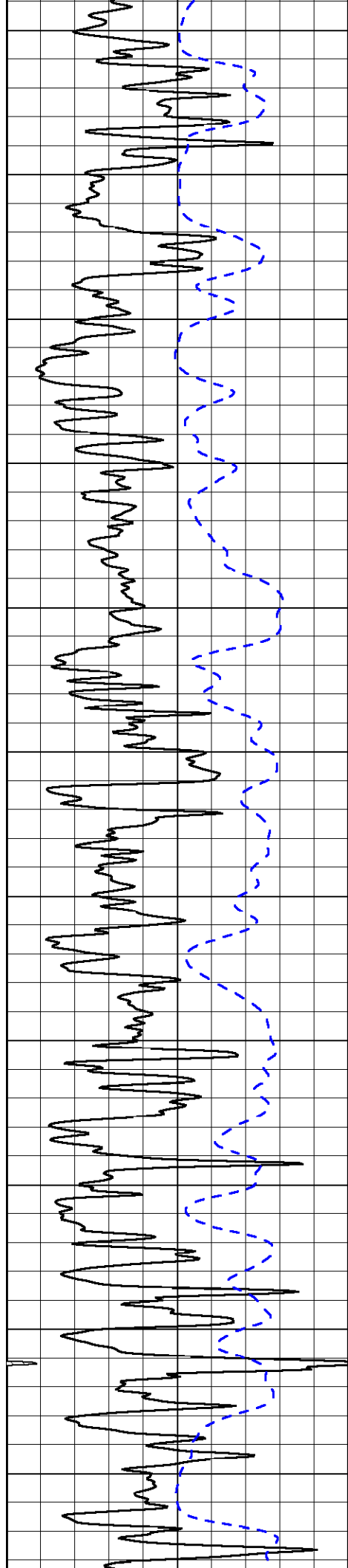
0	Gamma Ray	150
-200	SP (MV)	0

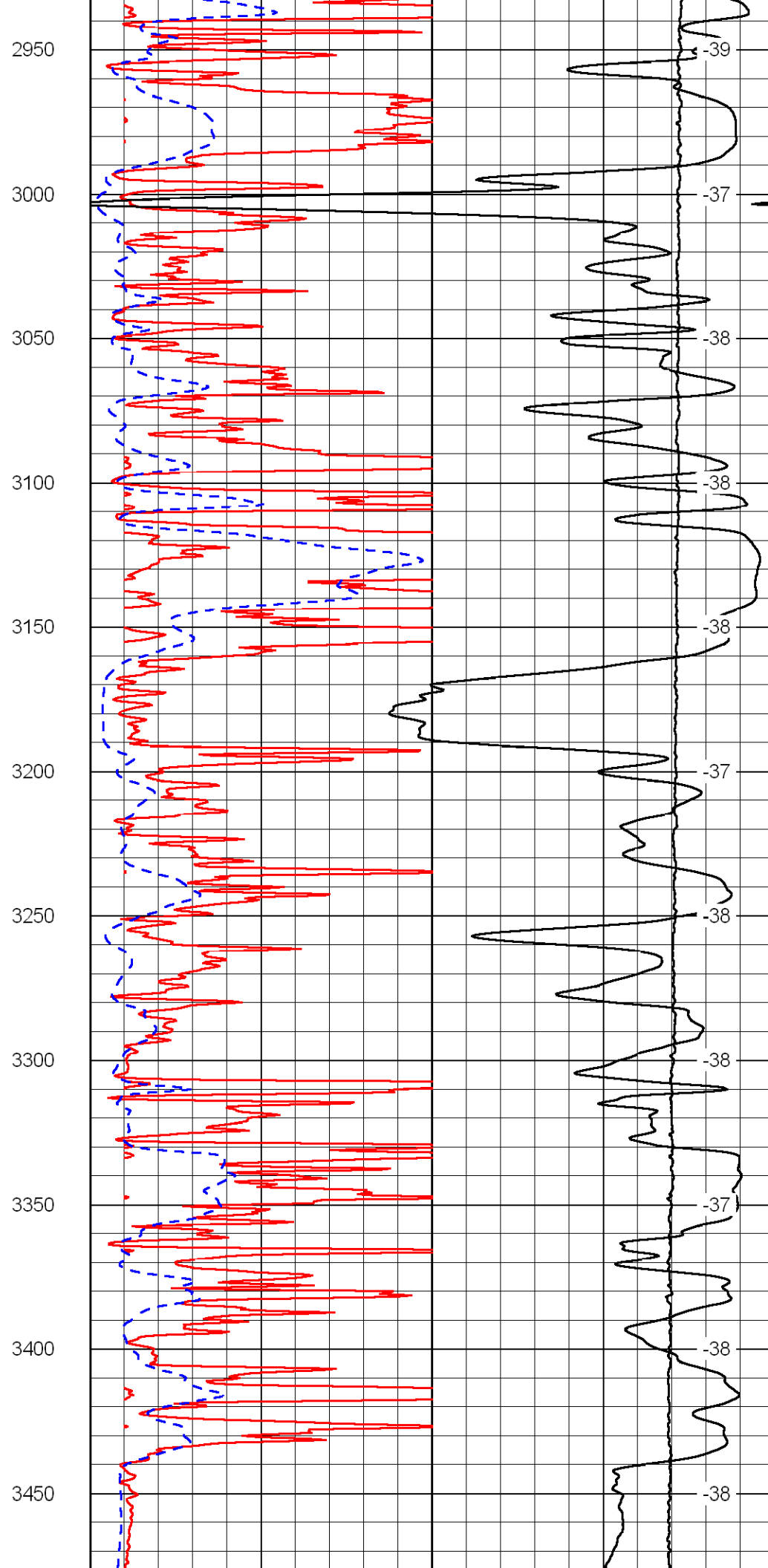
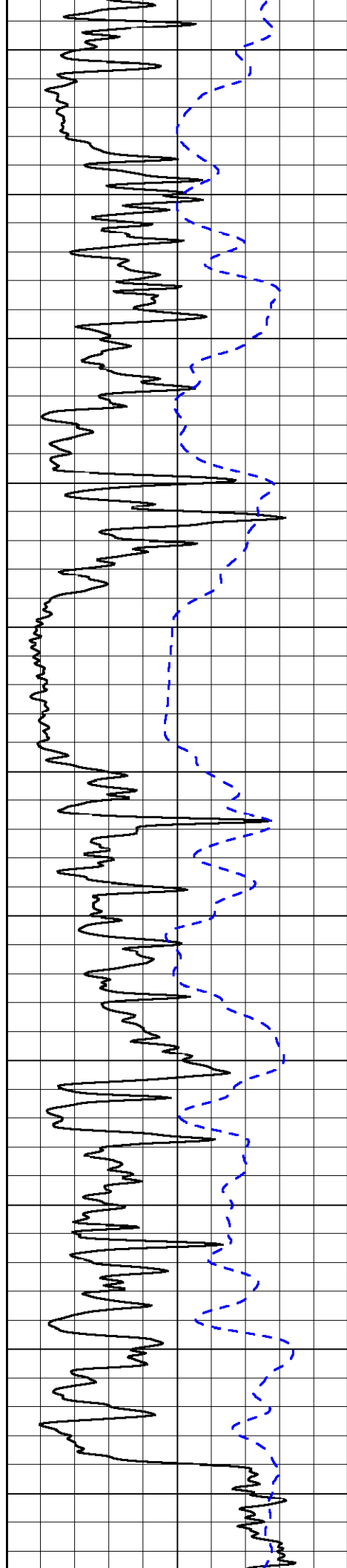
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

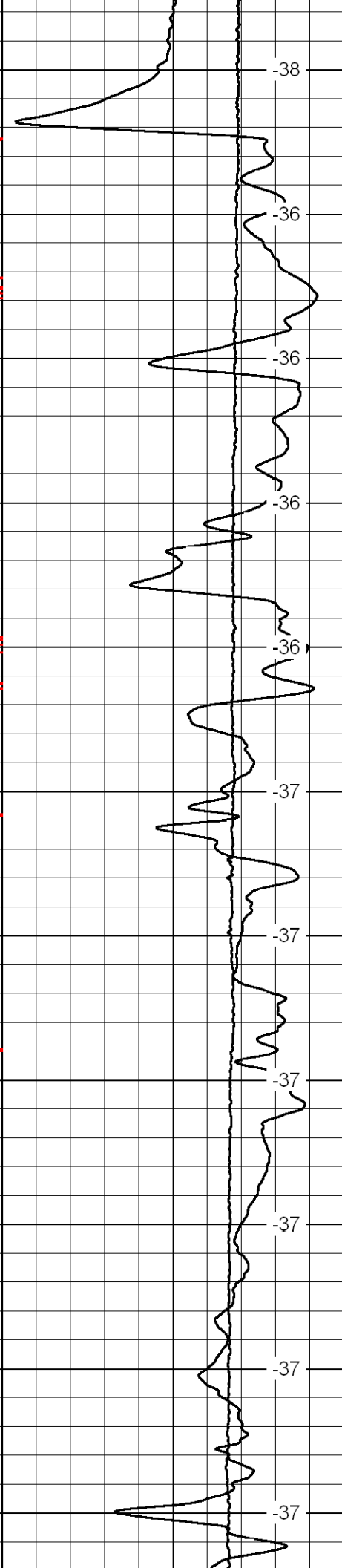
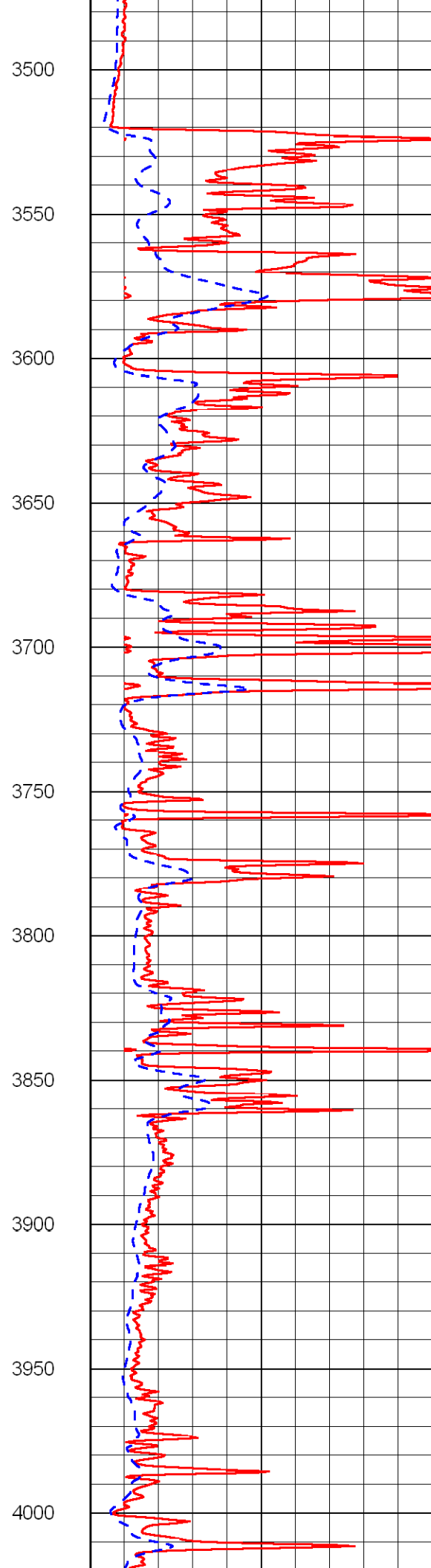
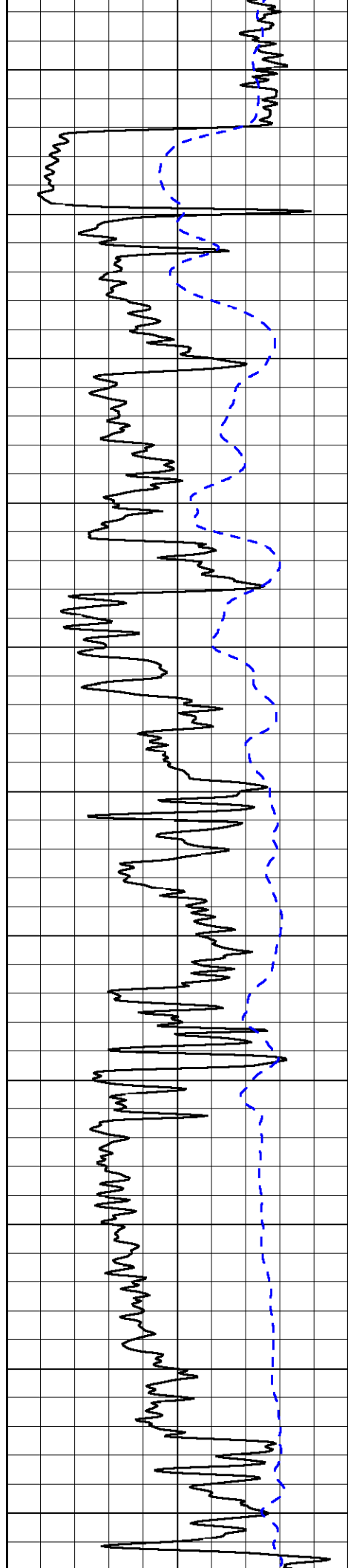


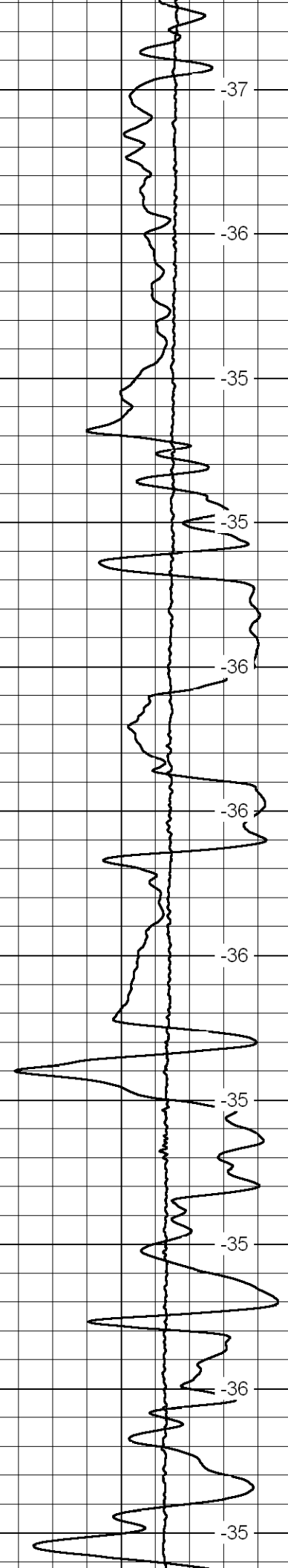
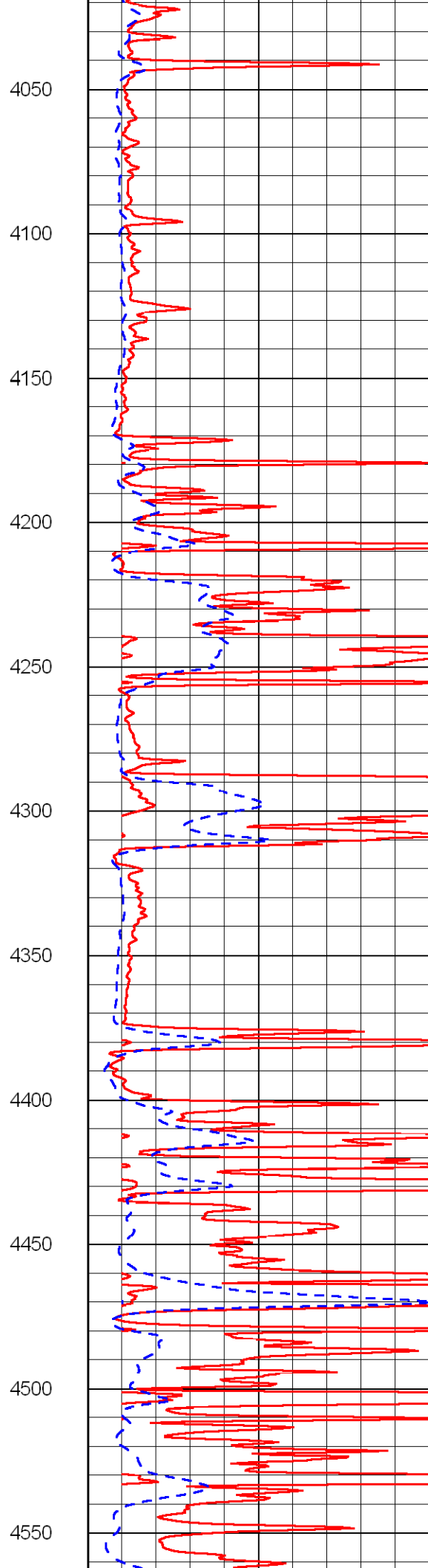
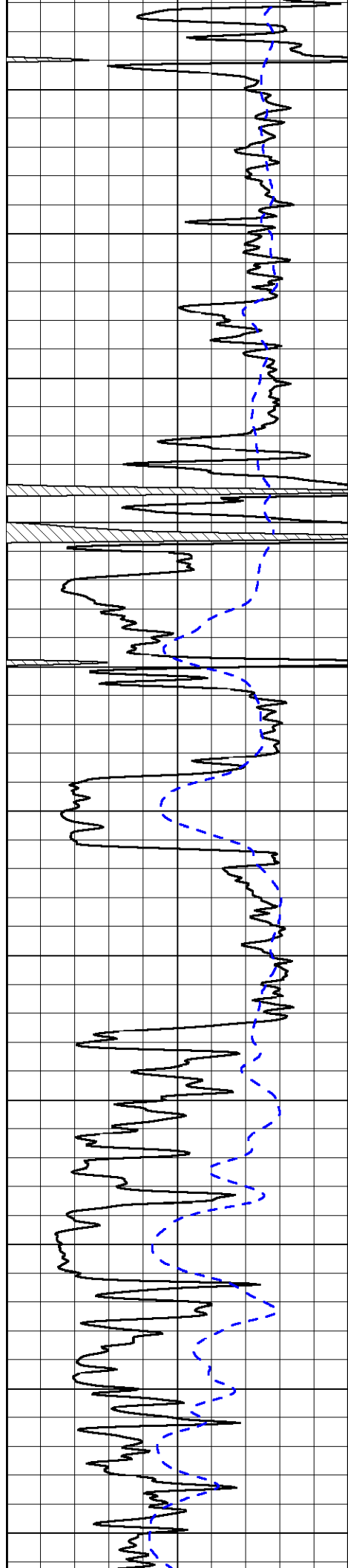


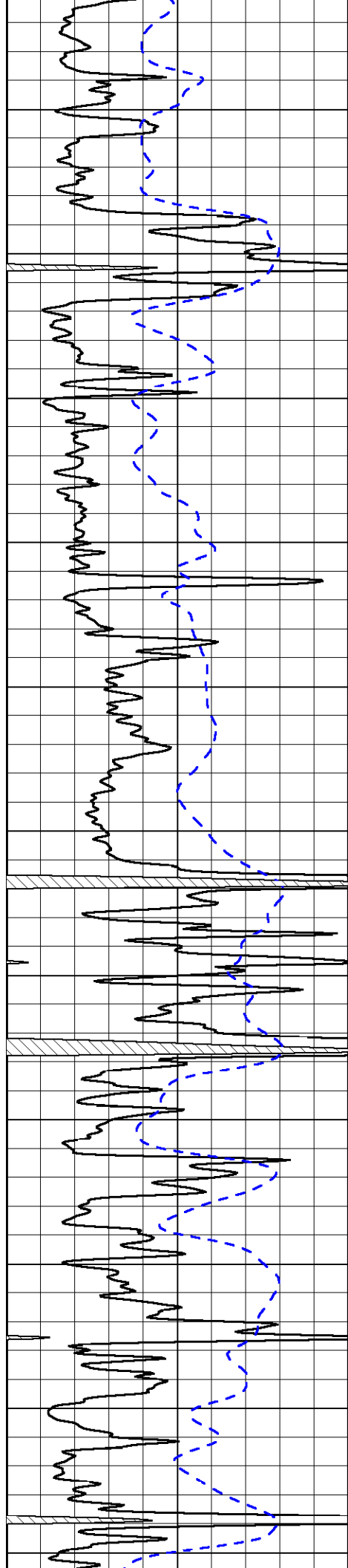












4600

4650

4700

4750

4800

4850

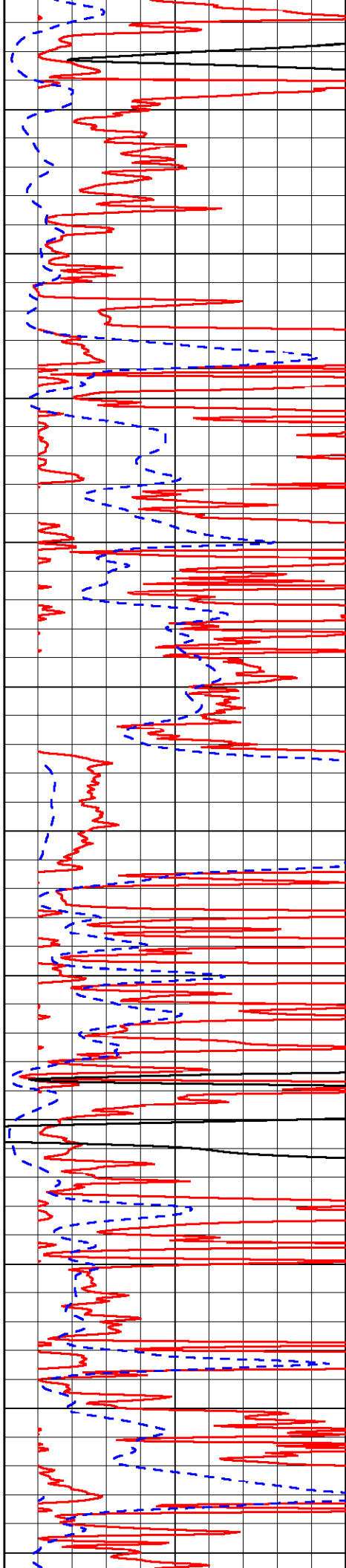
4900

4950

5000

5050

5100



-34

-35

-34

-34

-34

-34

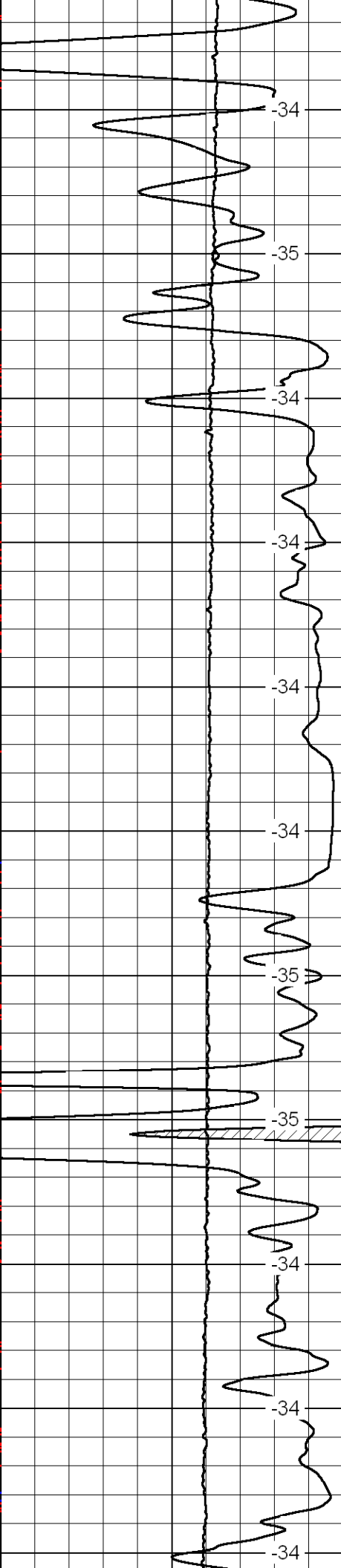
-35

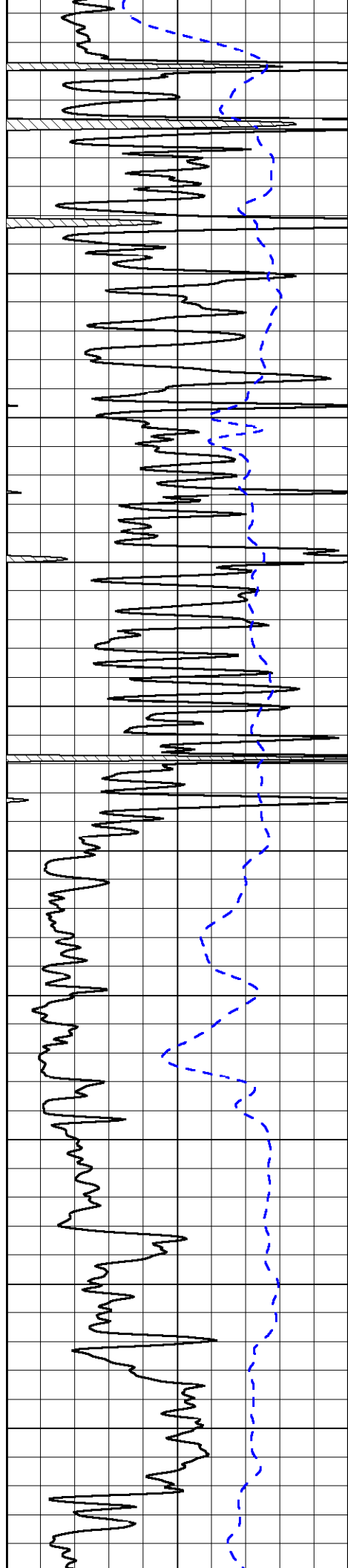
-35

-34

-34

-34





5150

5200

5250

5300

5350

5400

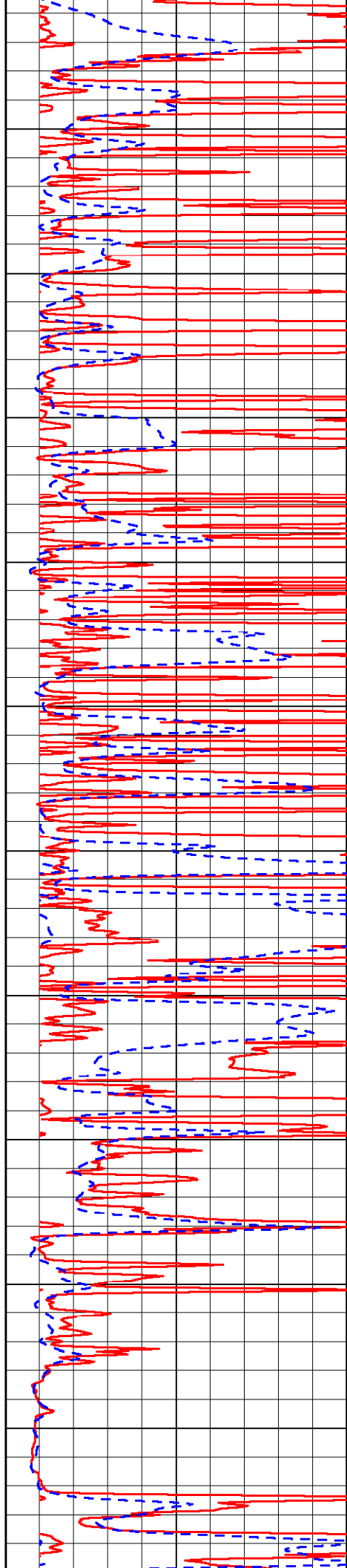
5450

5500

5550

5600

5650



-34

-34

-34

-34

-34

-34

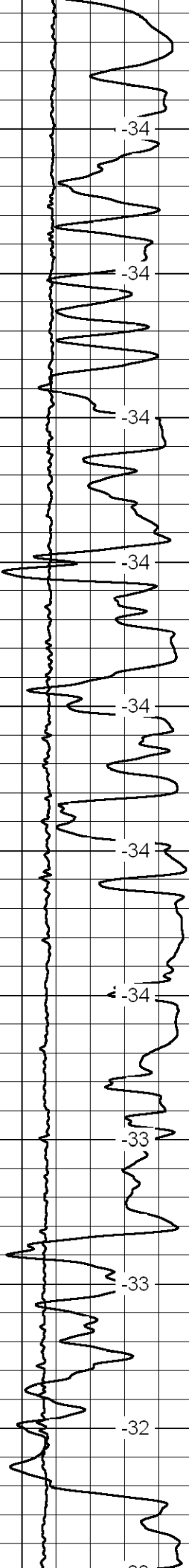
-34

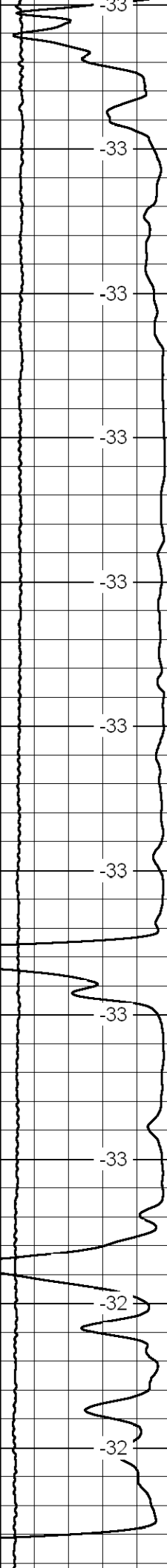
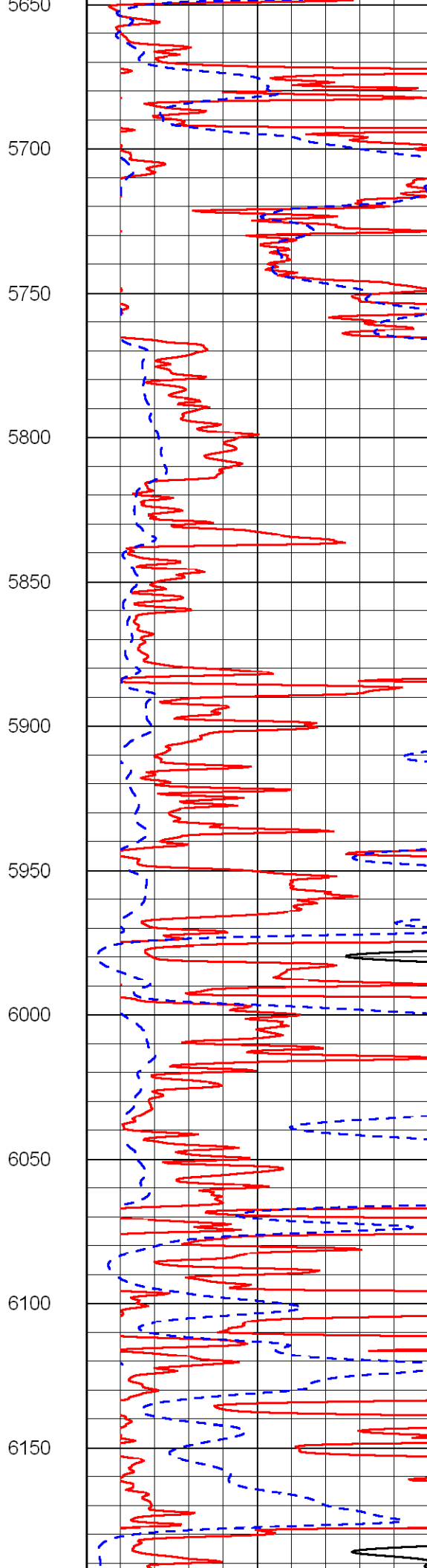
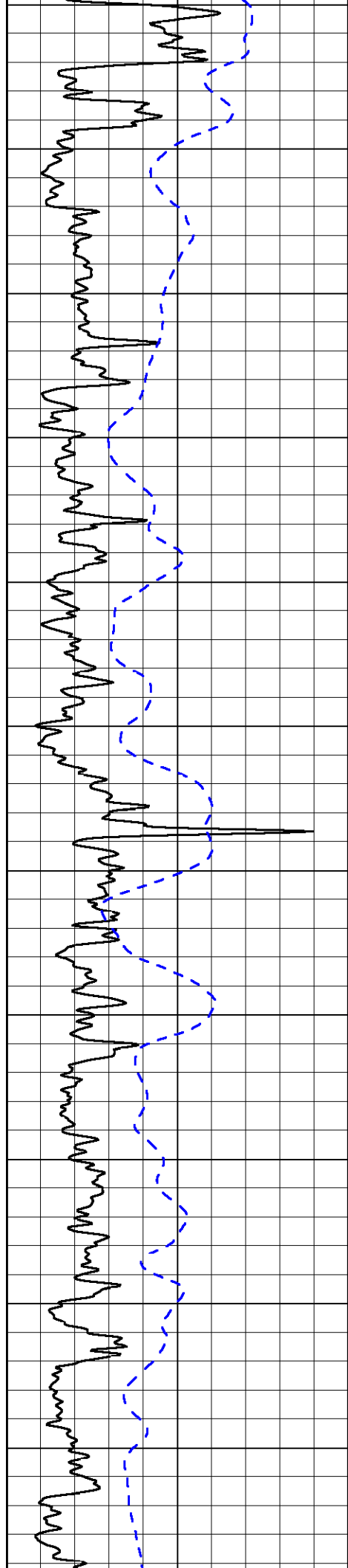
-33

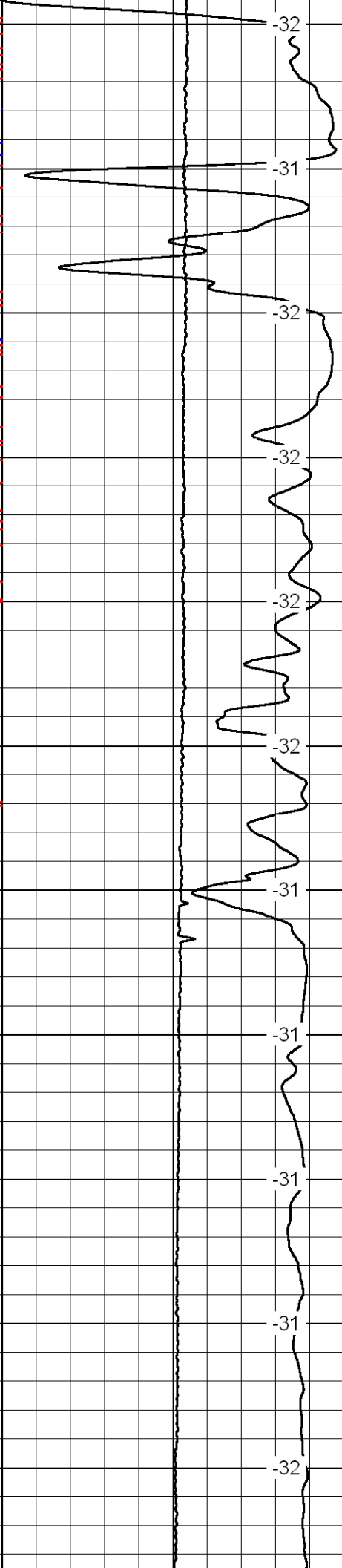
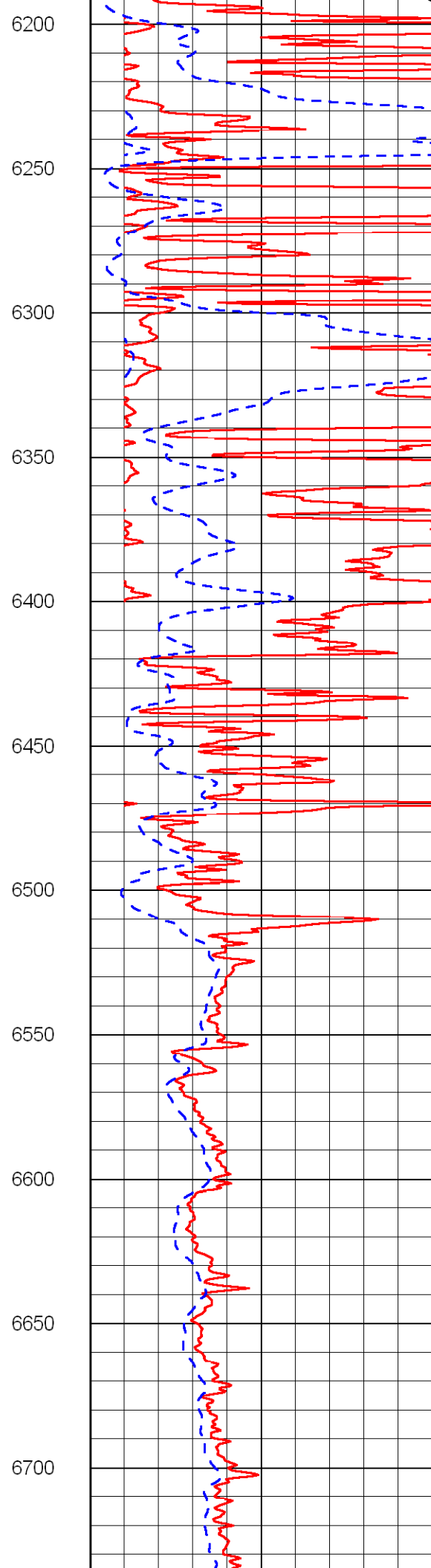
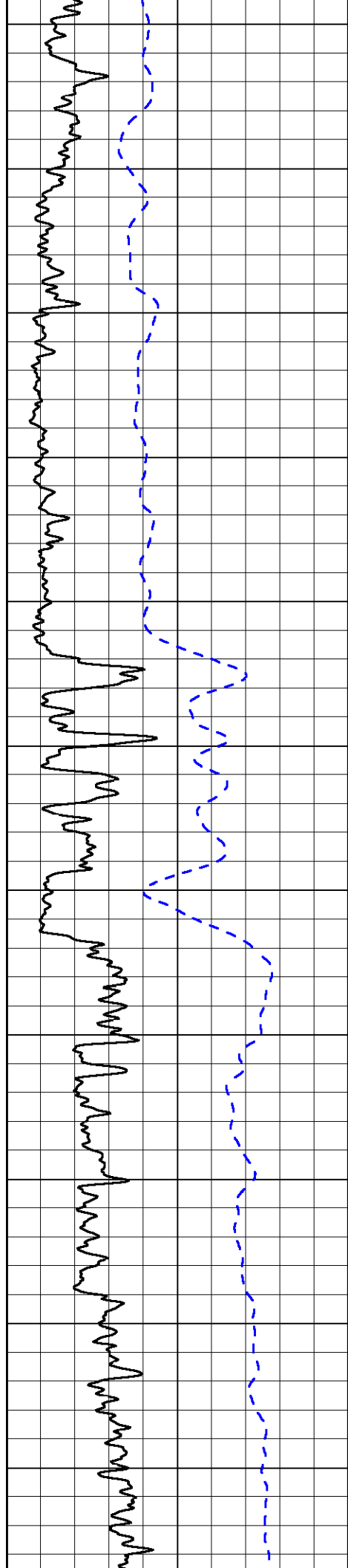
-33

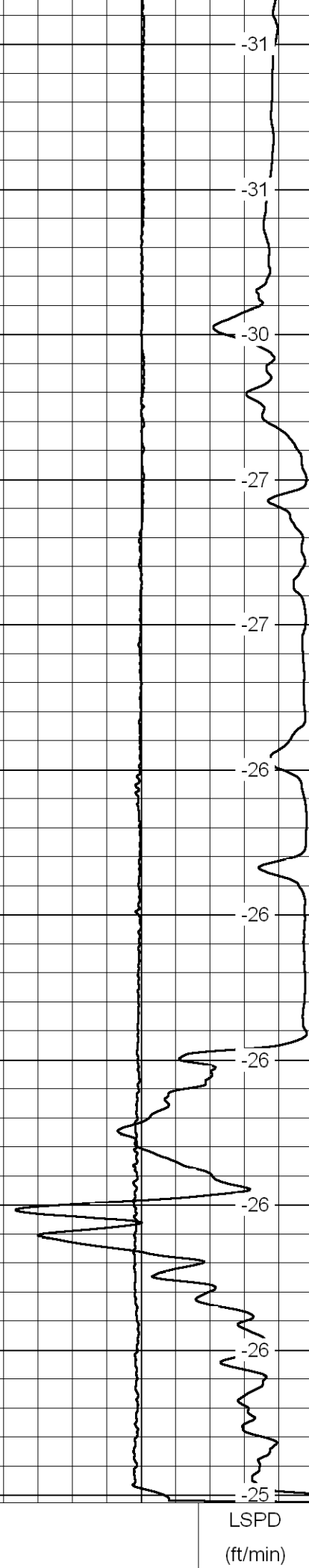
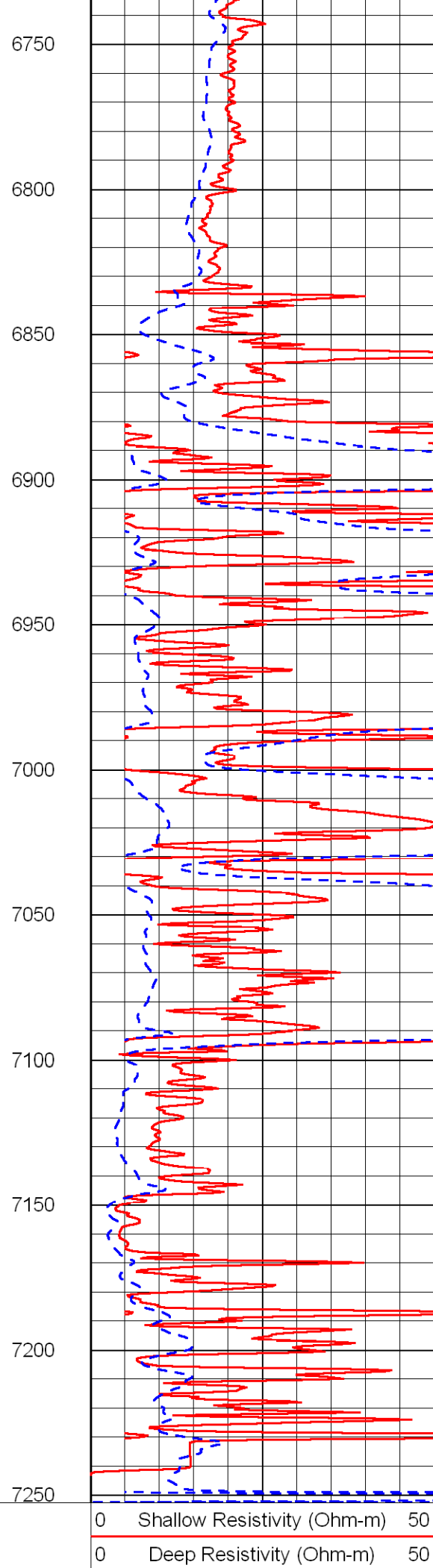
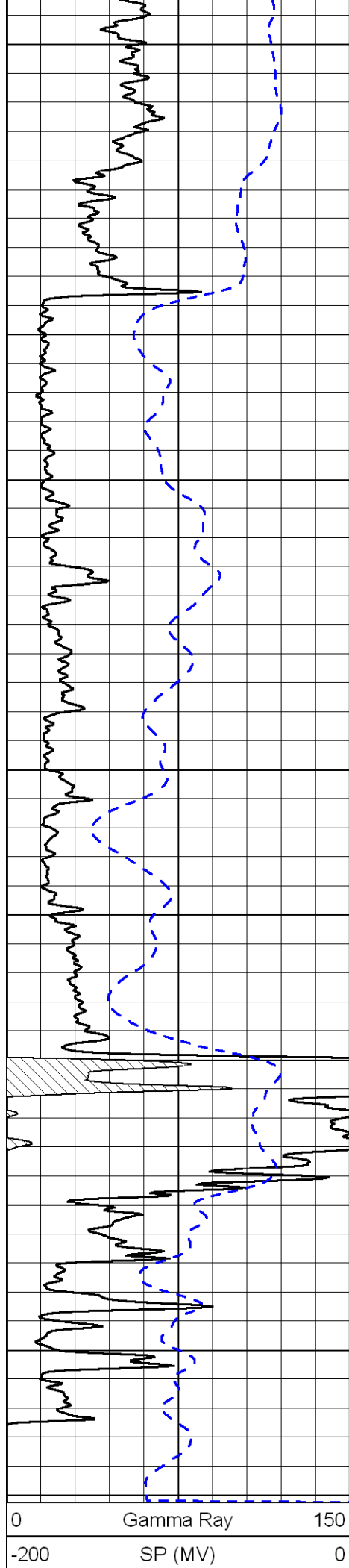
-32

-31





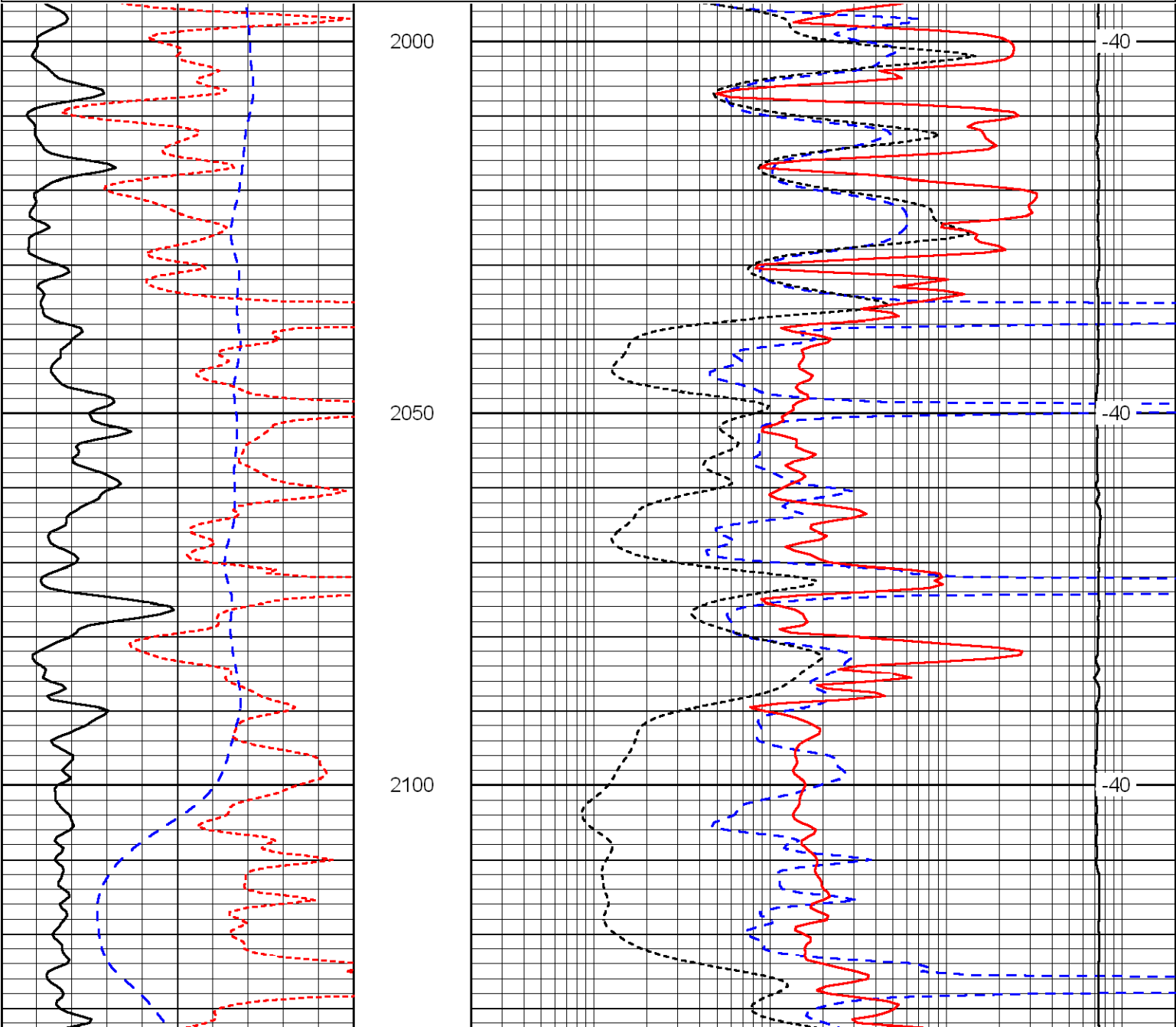


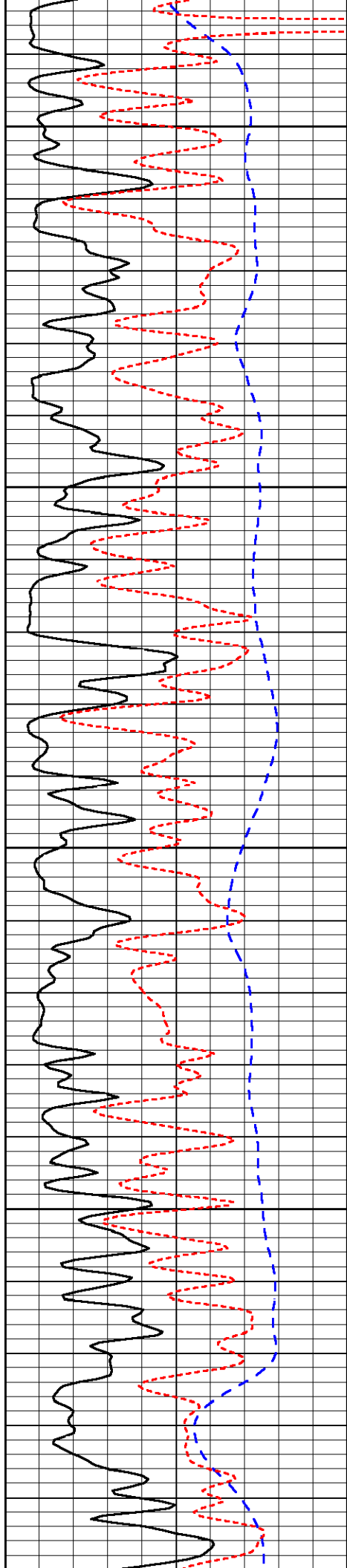


1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

Database File:	c:\warrior\data\midco_theis no. 3-18\midcohd.db
Dataset Pathname:	dil/midstck
Presentation Format:	dil
Dataset Creation:	Fri Feb 12 08:06:23 2010
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity (Ohm-m)	2000
-200	SP (MV)	0	0.2	Medium Resistivity (Ohm-m)	2000
-160	Rxo / Rt	40	0.2	Shallow Resistivity (Ohm-m)	2000
			15000	Line Tension (lb)	0
					LSPD (ft/min)





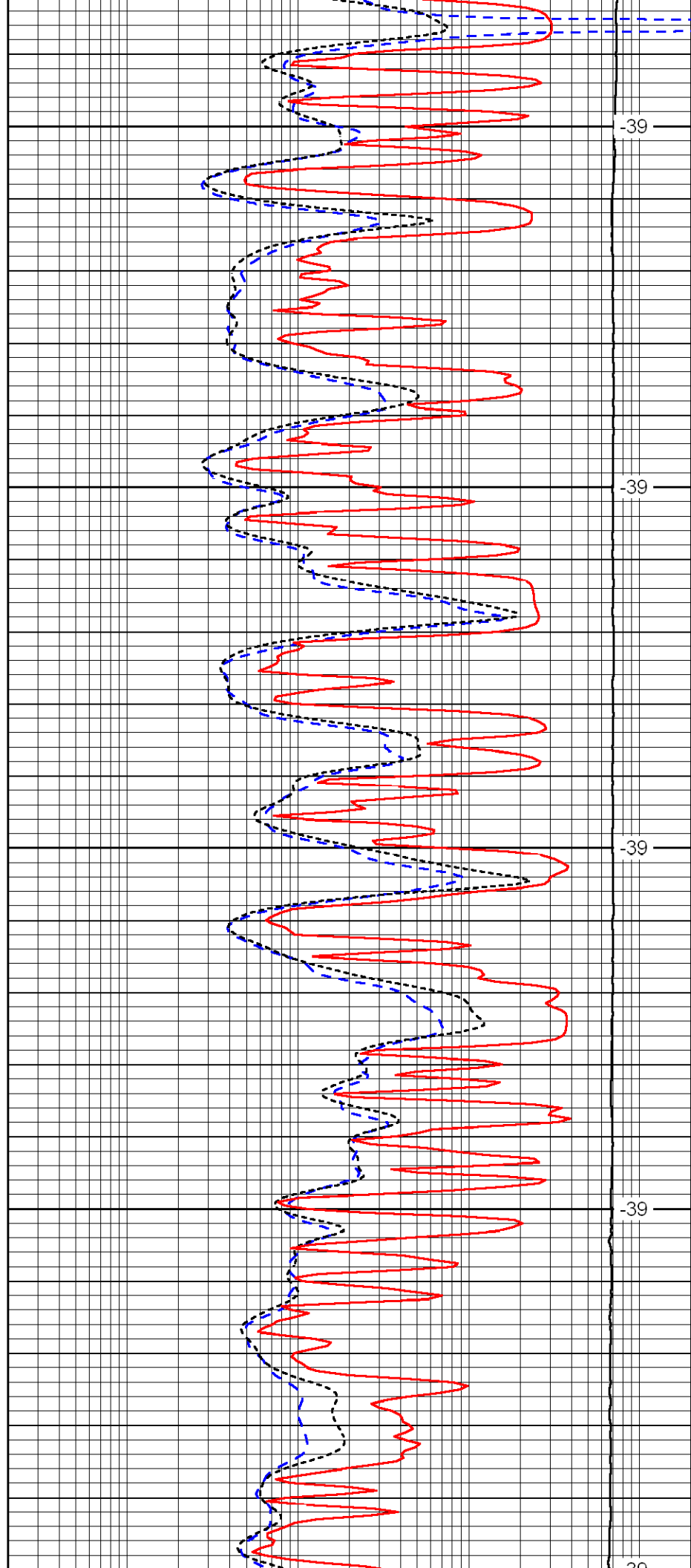
2150

2200

2250

2300

2350



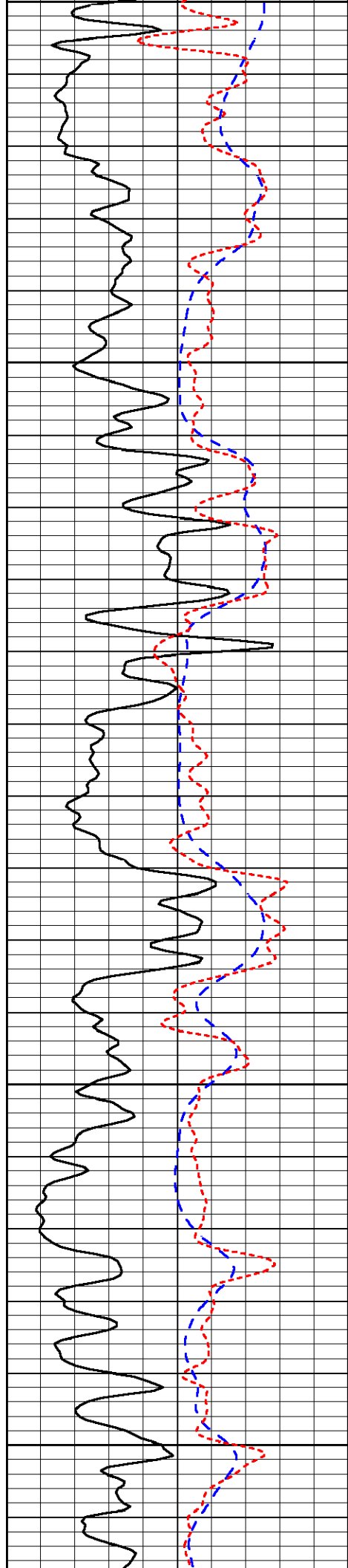
-39

-39

-39

-39

-39



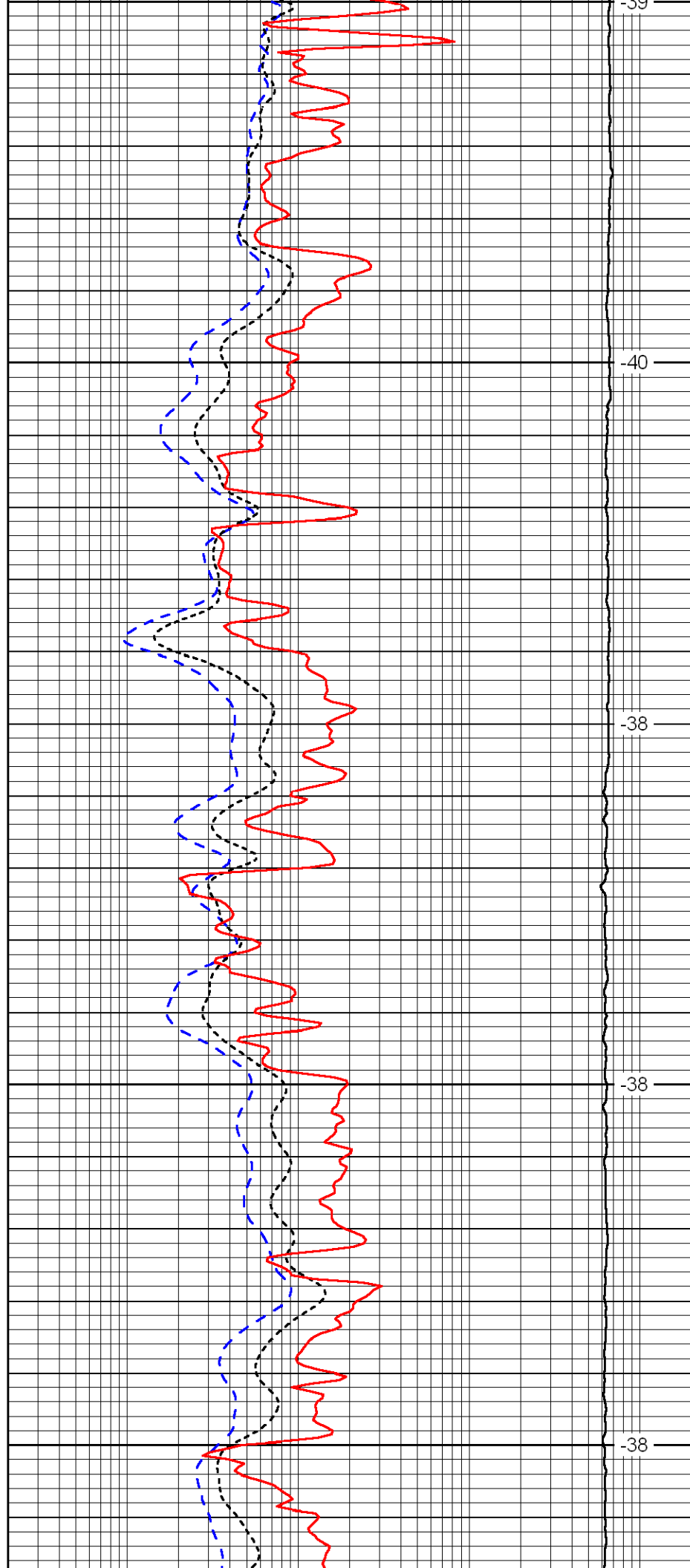
2350

2400

2450

2500

2550



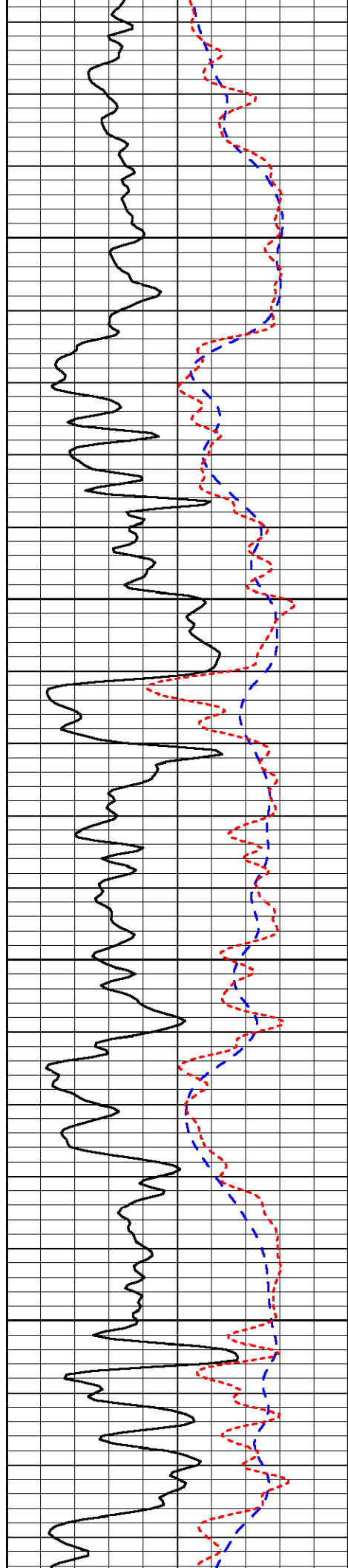
-39

-40

-38

-38

-38

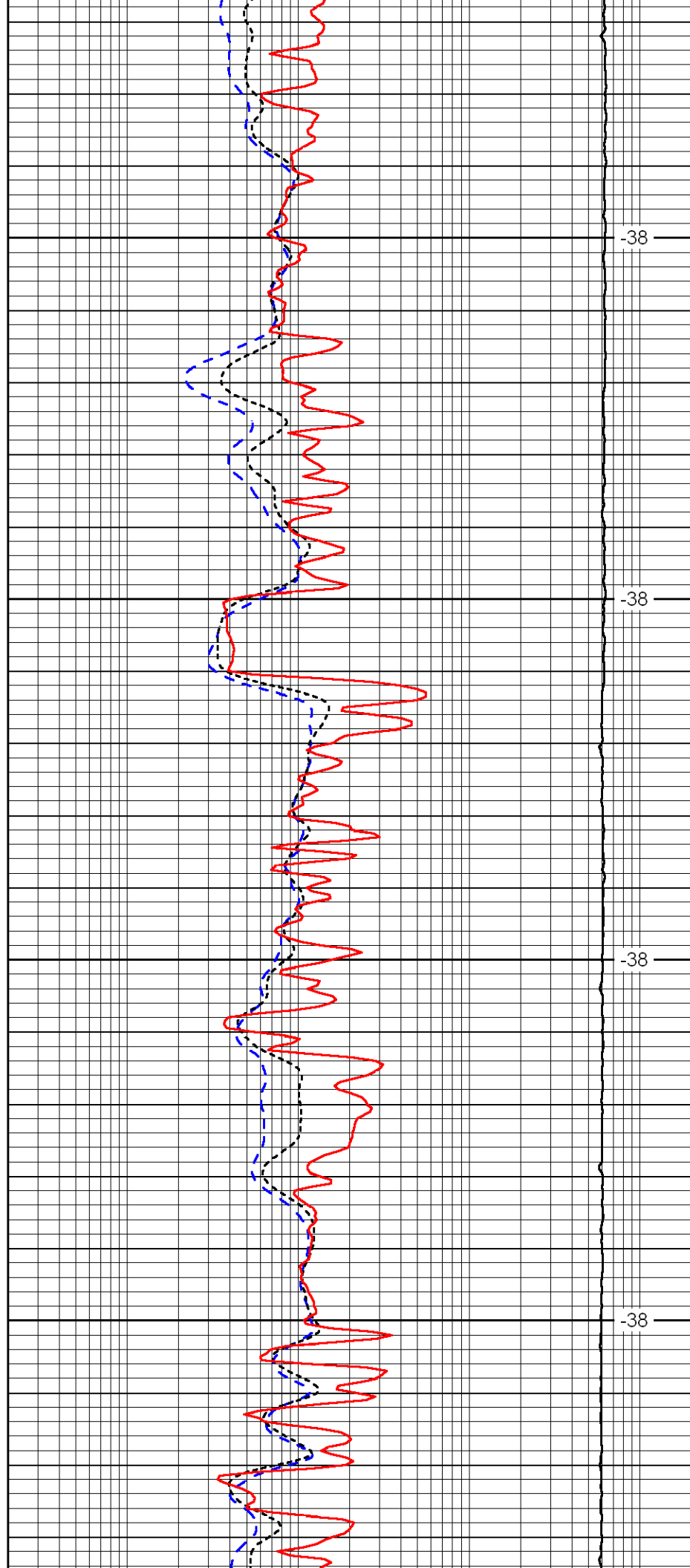


2600

2650

2700

2750

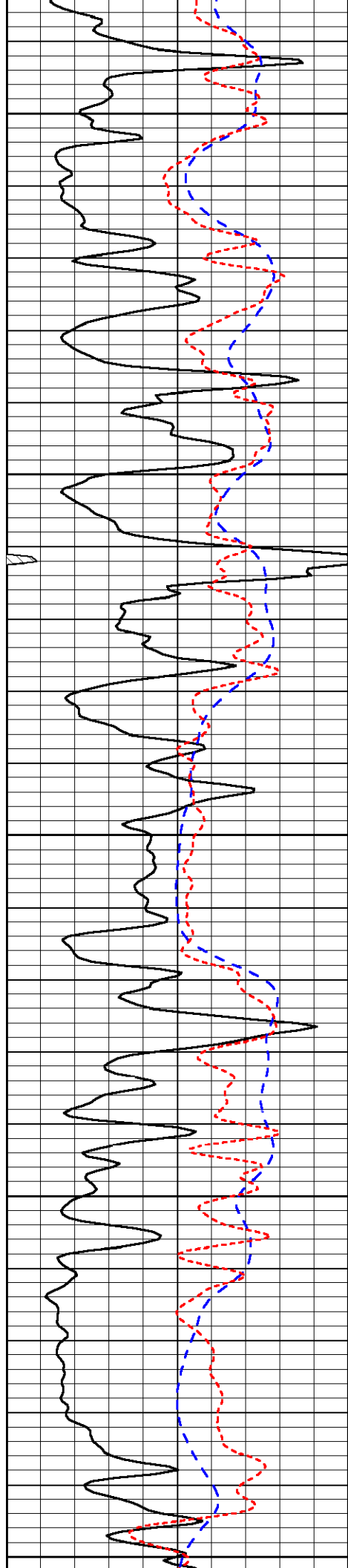


-38

-38

-38

-38



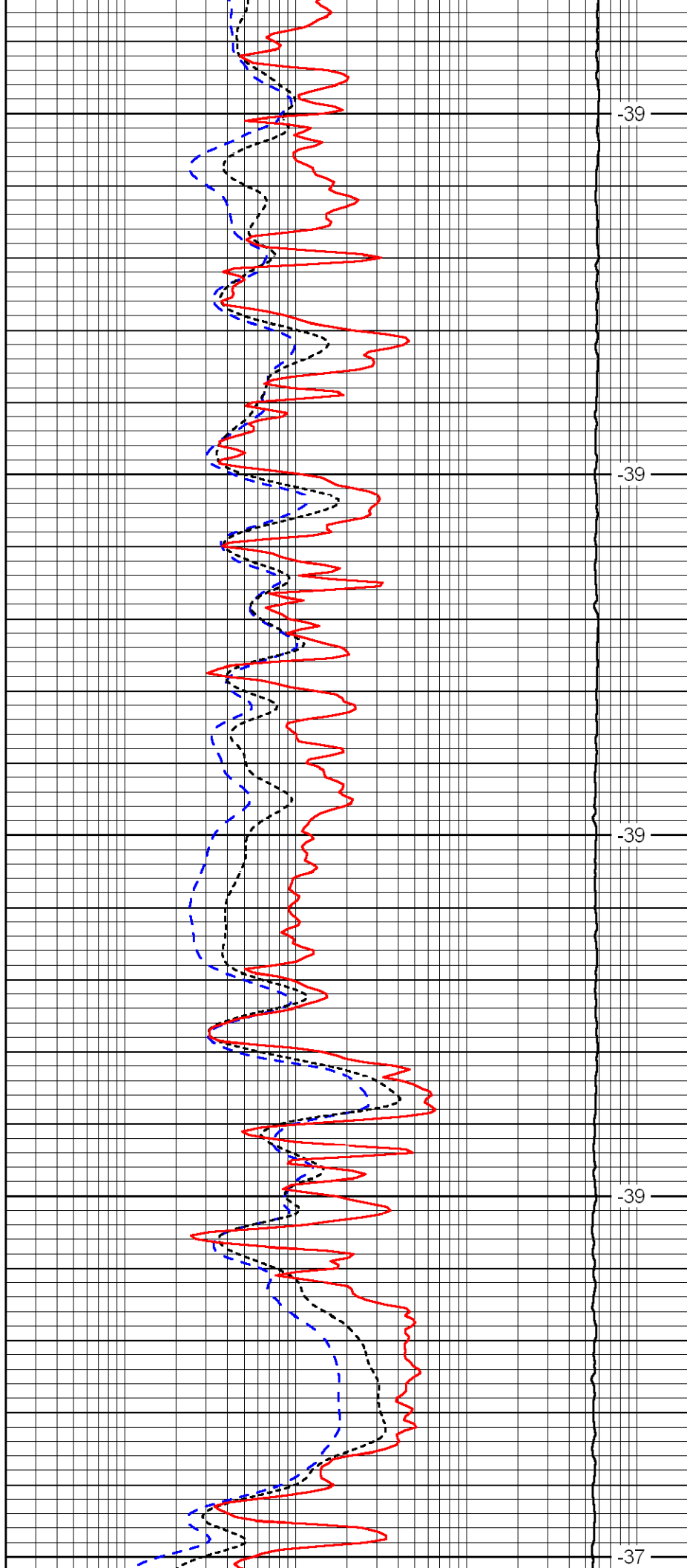
2800

2850

2900

2950

3000



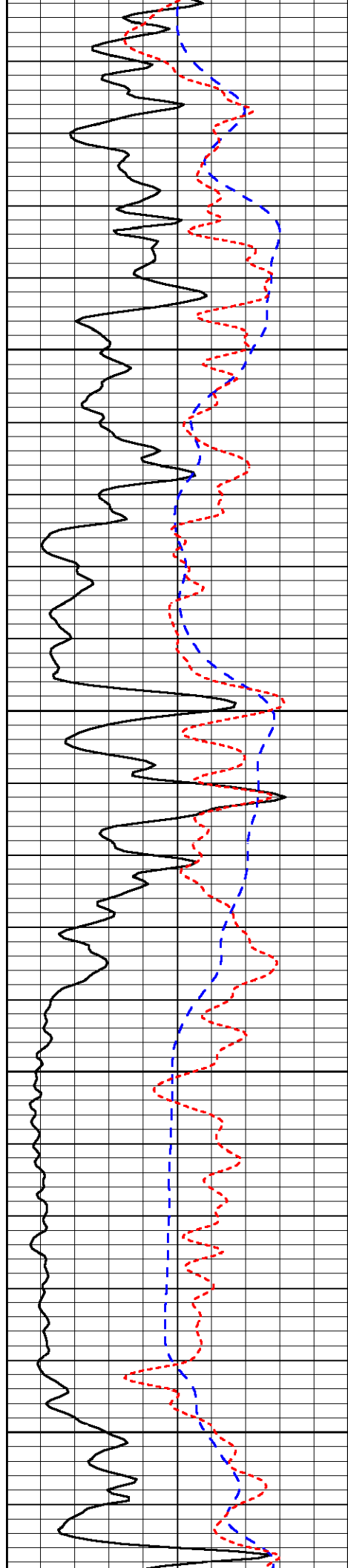
-39

-39

-39

-39

-37

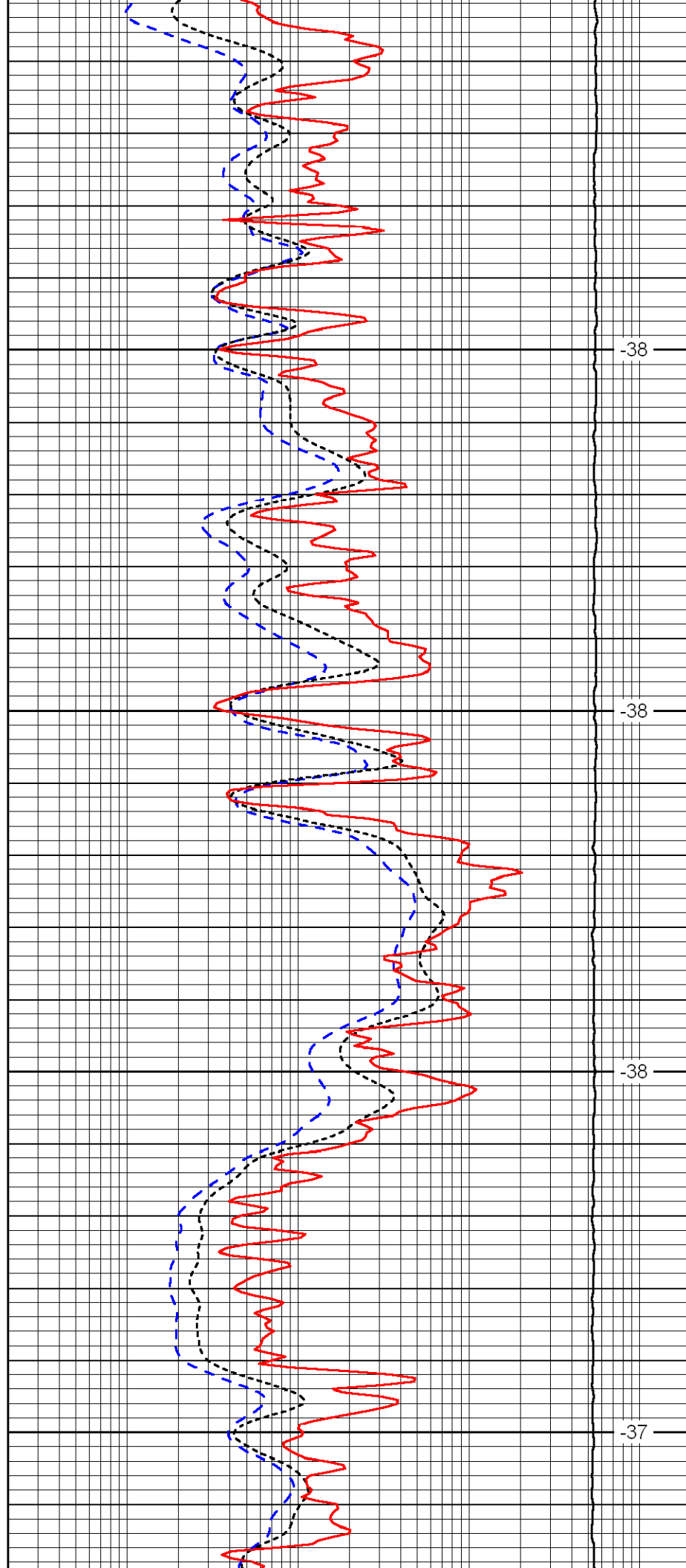


3050

3100

3150

3200

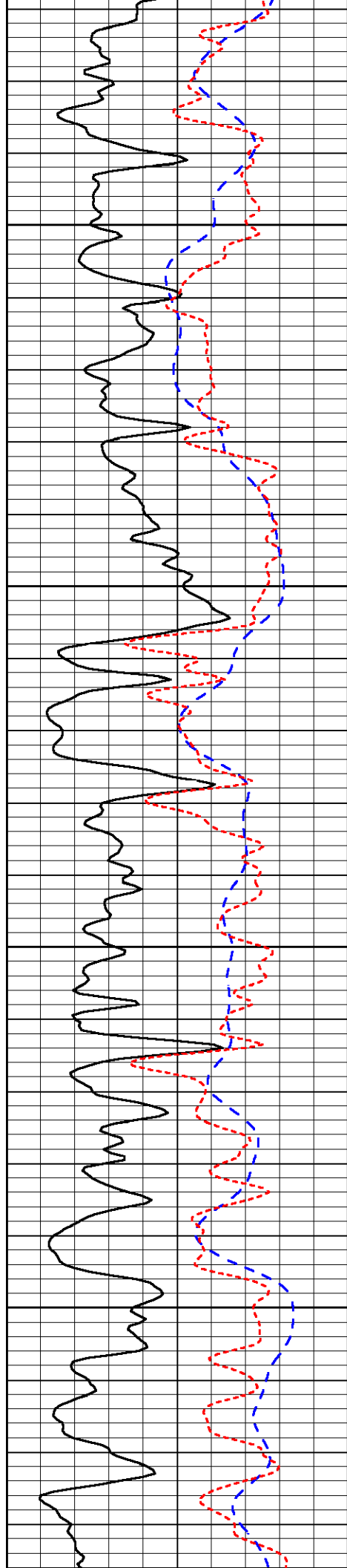


-38

-38

-38

-37

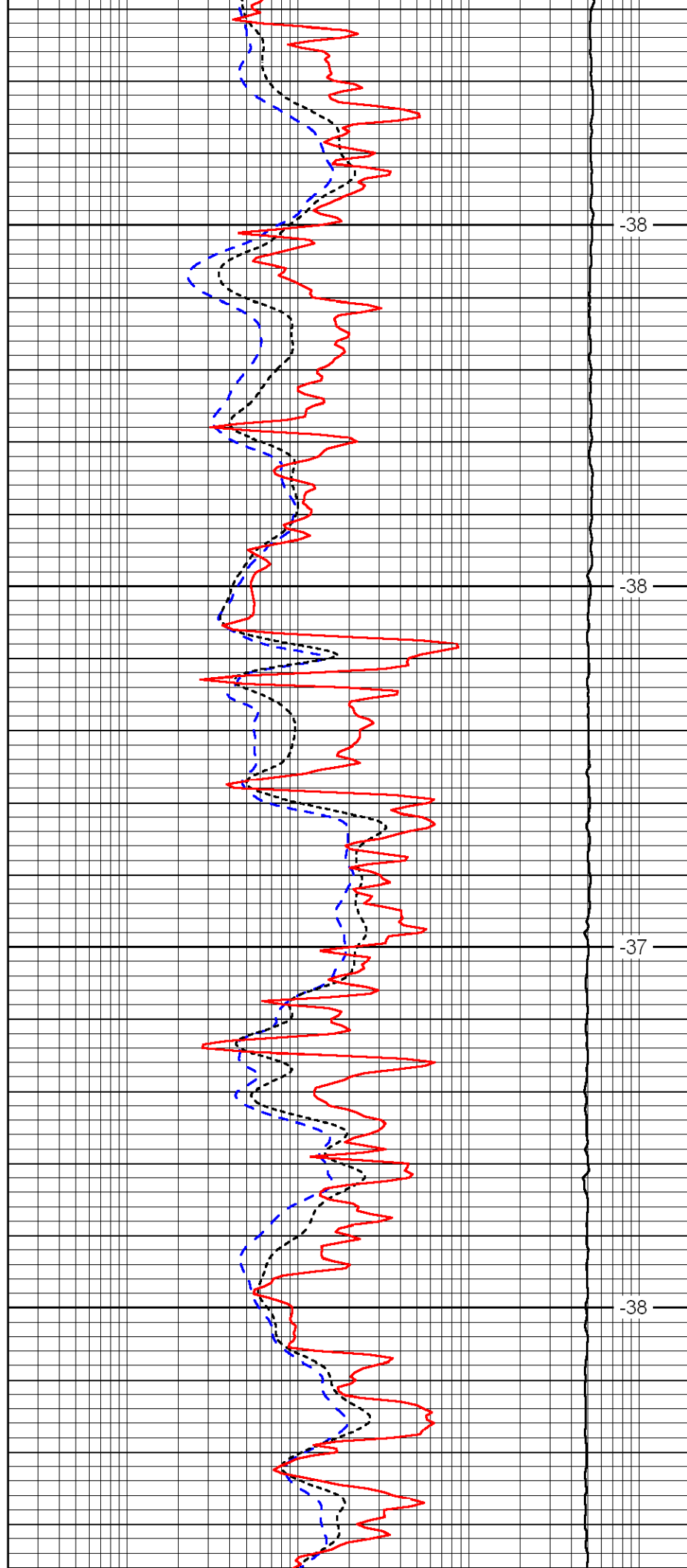


3250

3300

3350

3400

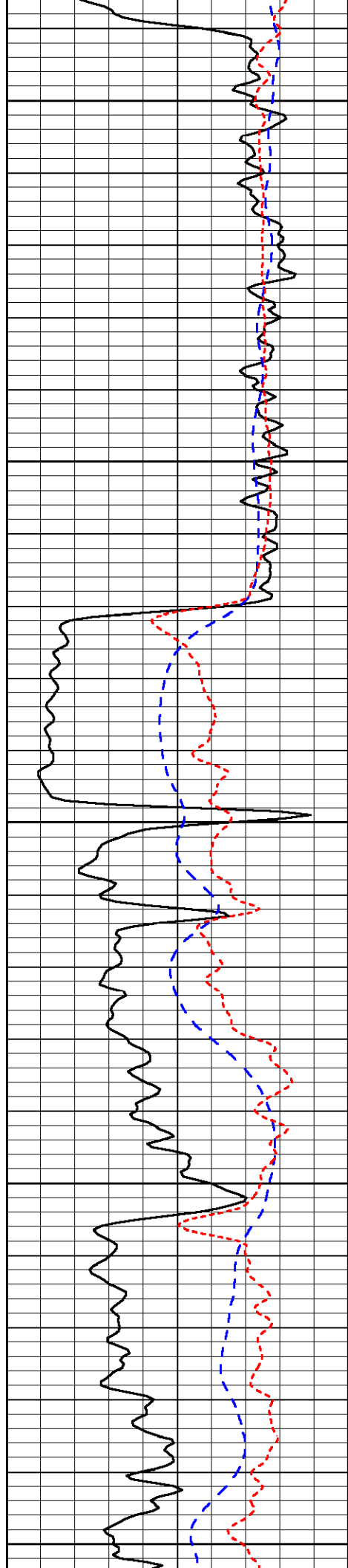


-38

-38

-37

-38



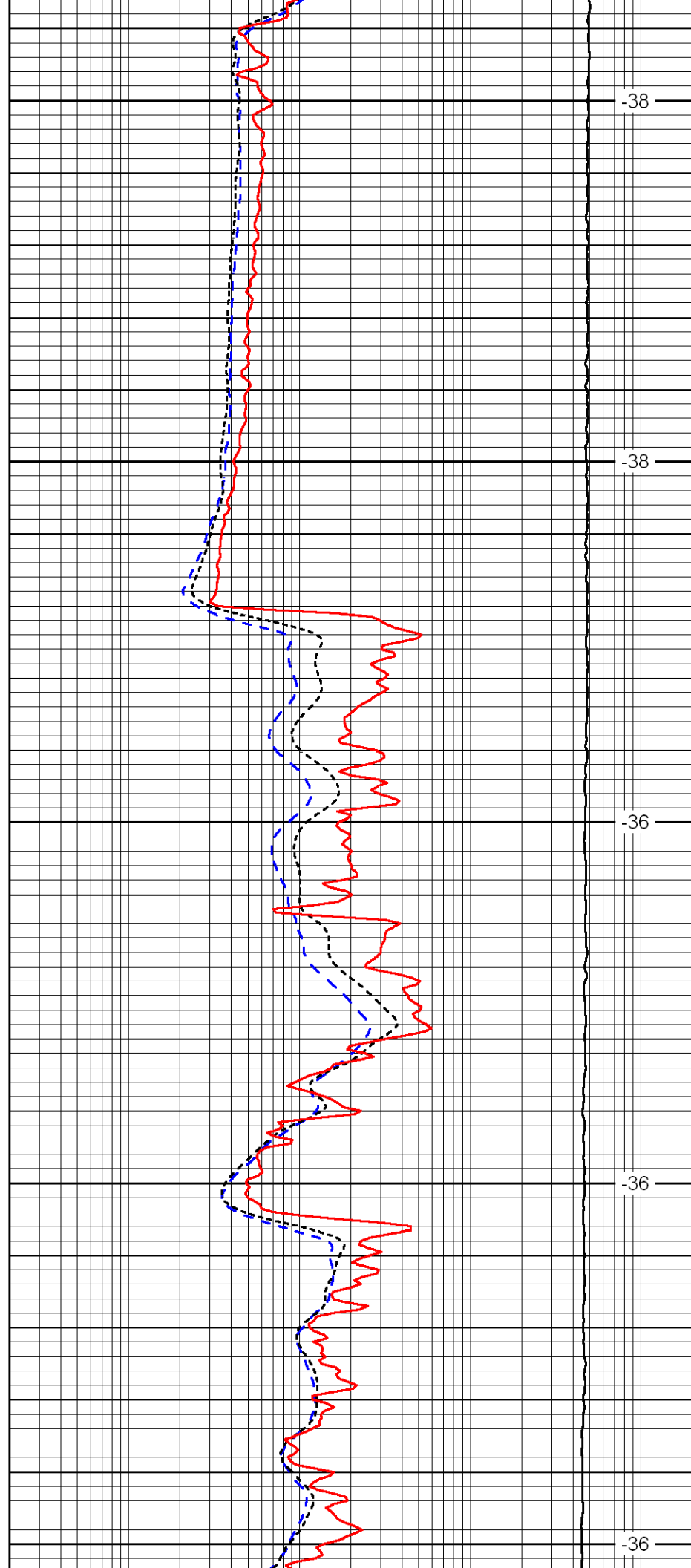
3450

3500

3550

3600

3650



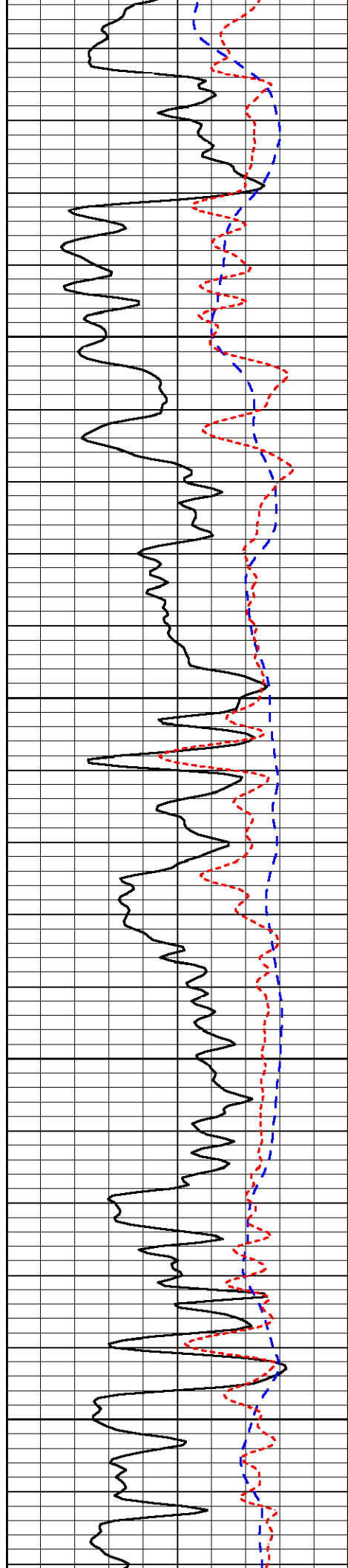
-38

-38

-36

-36

-36

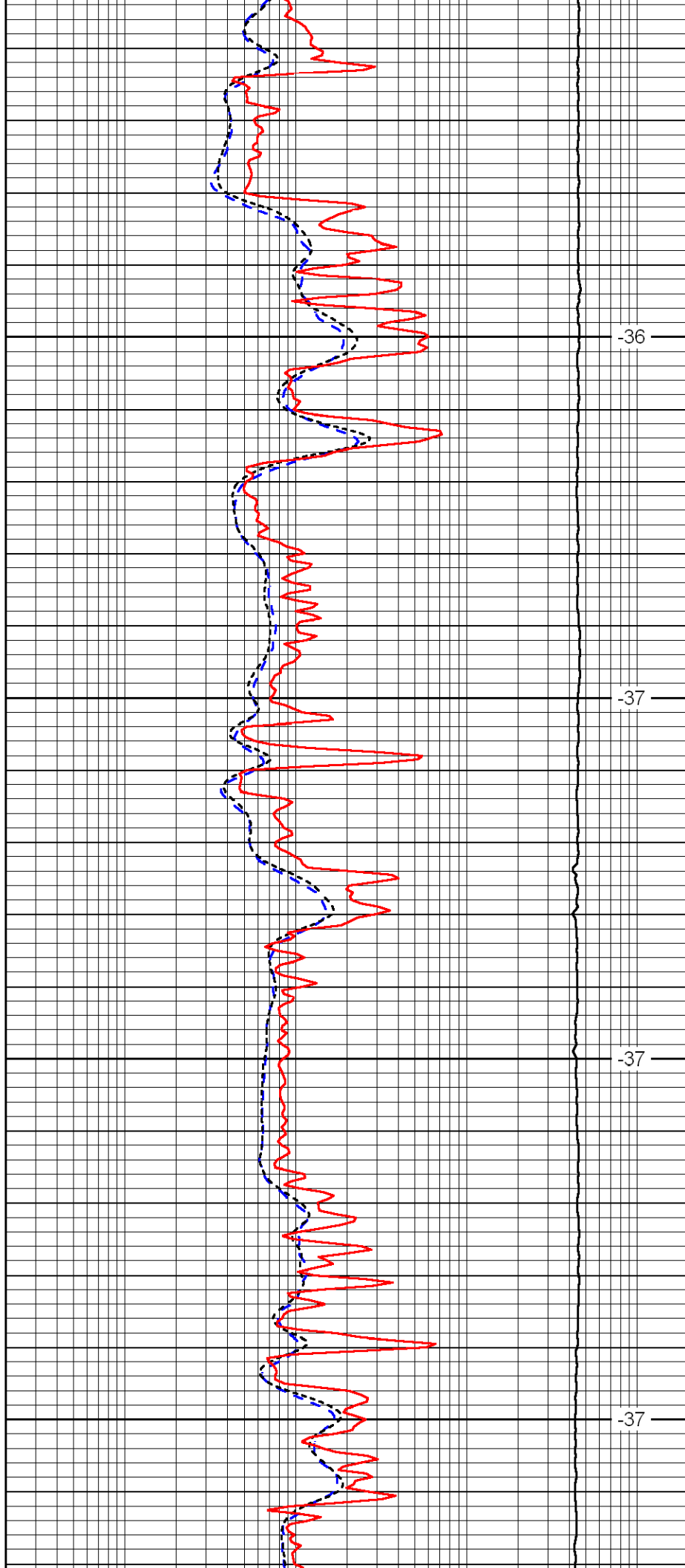


3700

3750

3800

3850

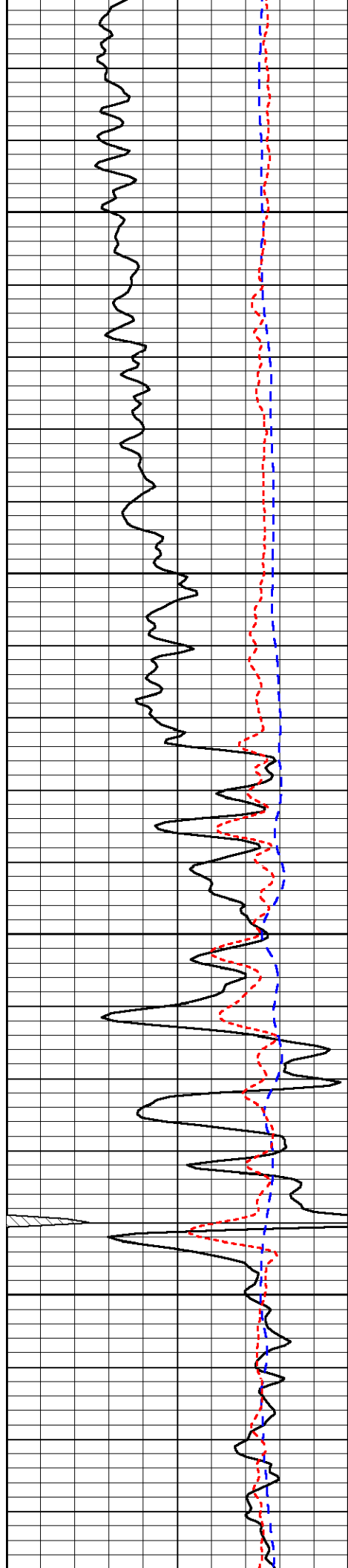


-36

-37

-37

-37

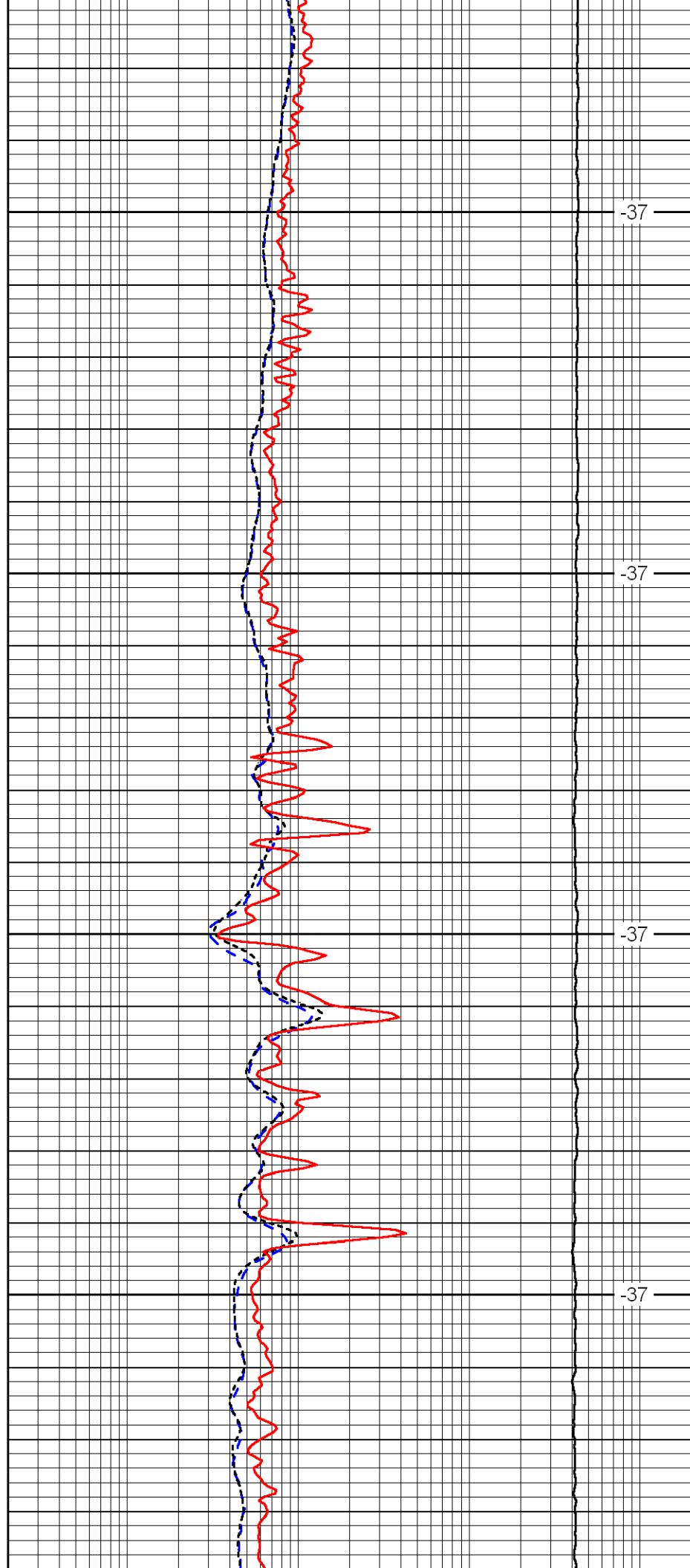


3900

3950

4000

4050

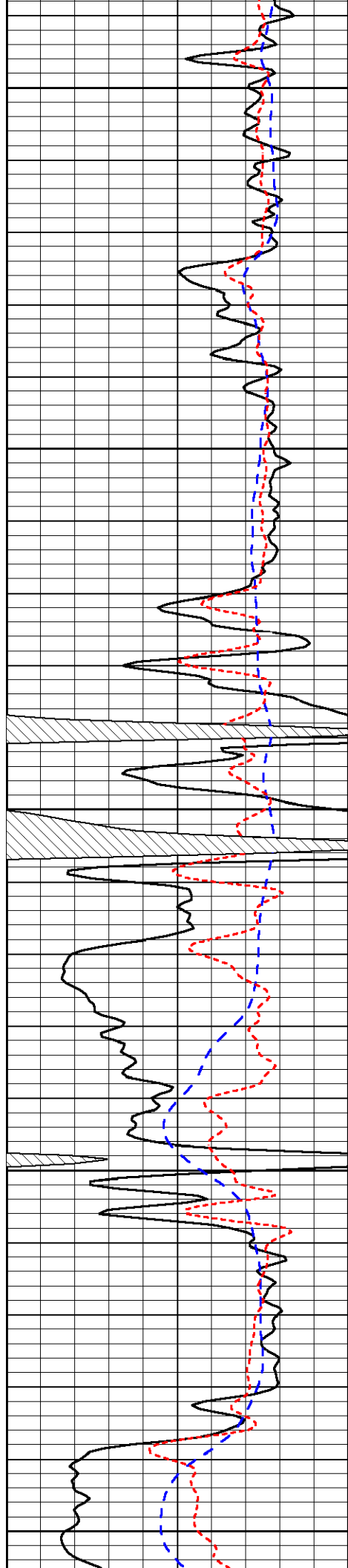


-37

-37

-37

-37



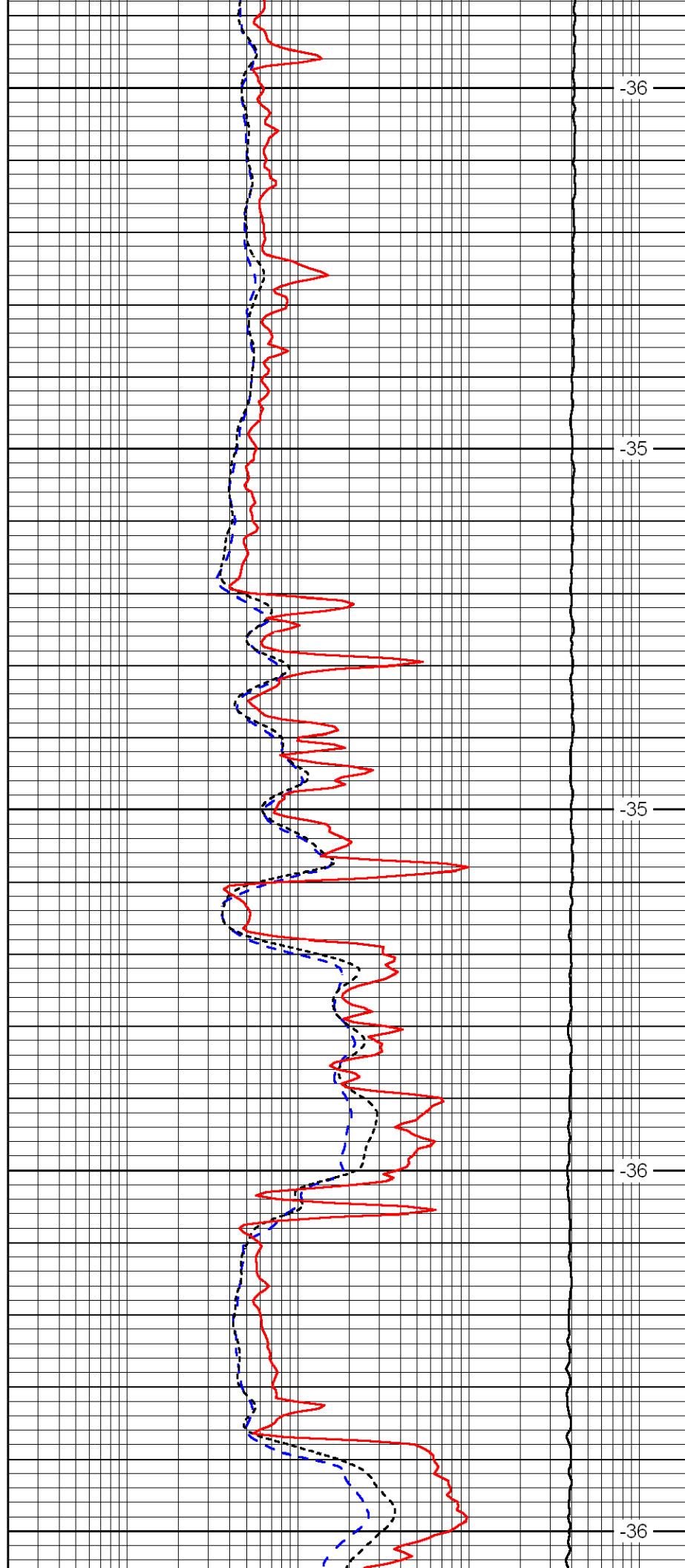
4100

4150

4200

4250

4300



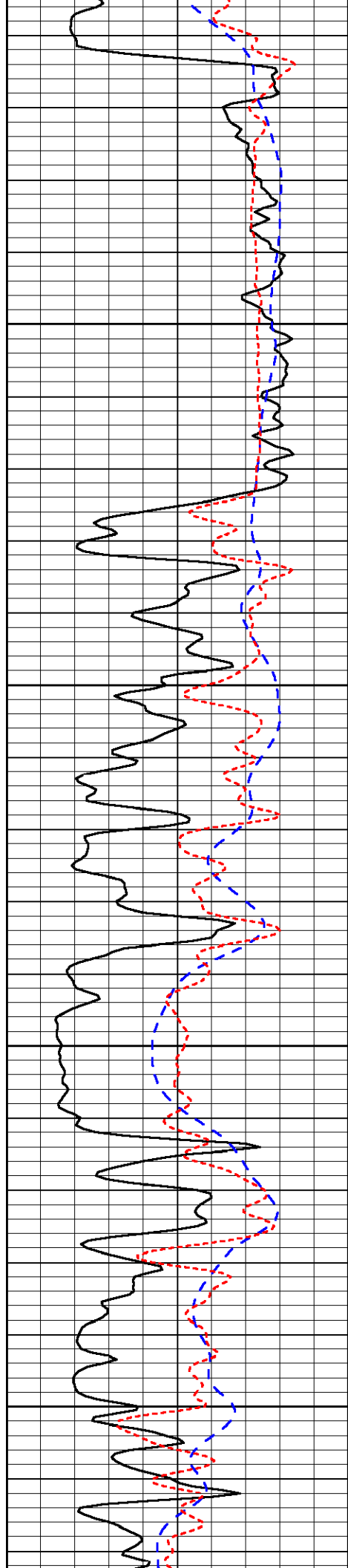
-36

-35

-35

-36

-36

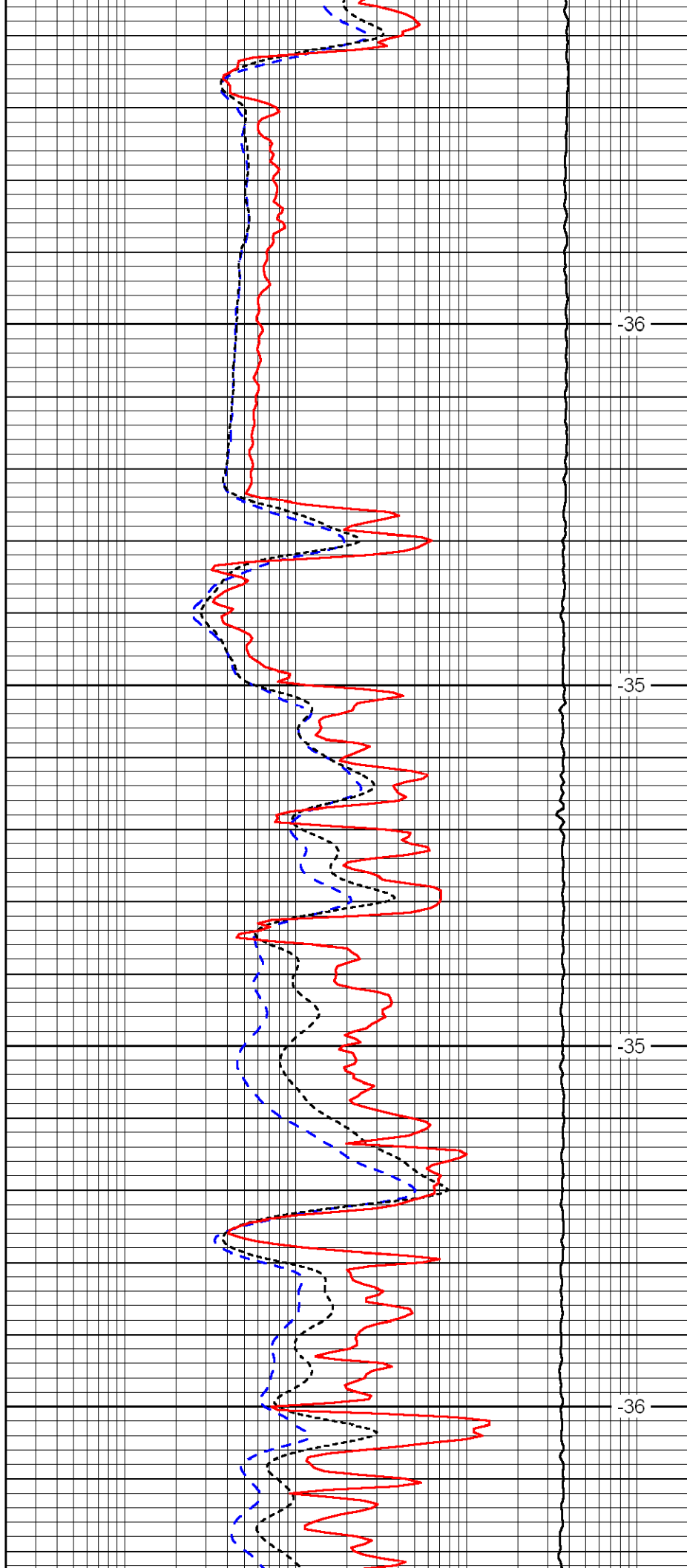


4350

4400

4450

4500

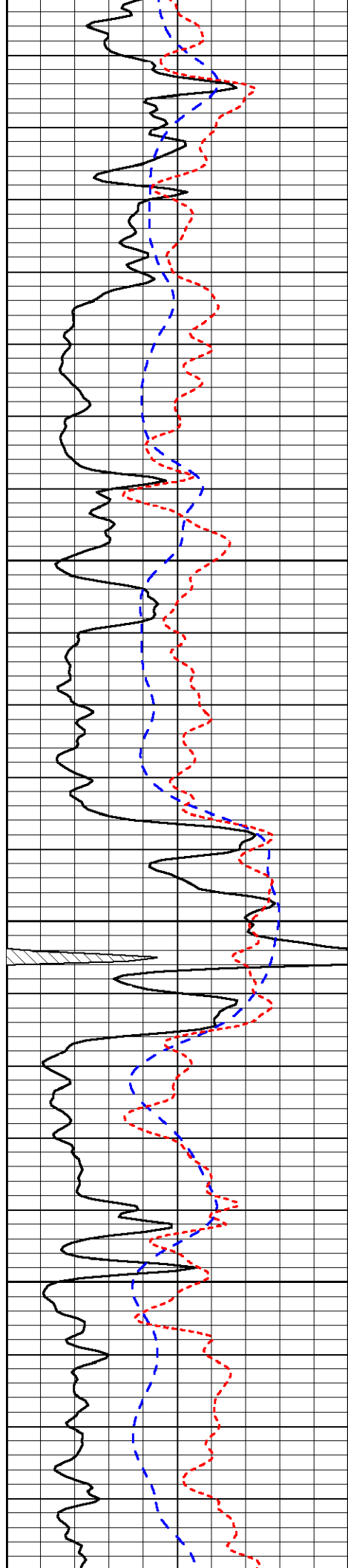


-36

-35

-35

-36

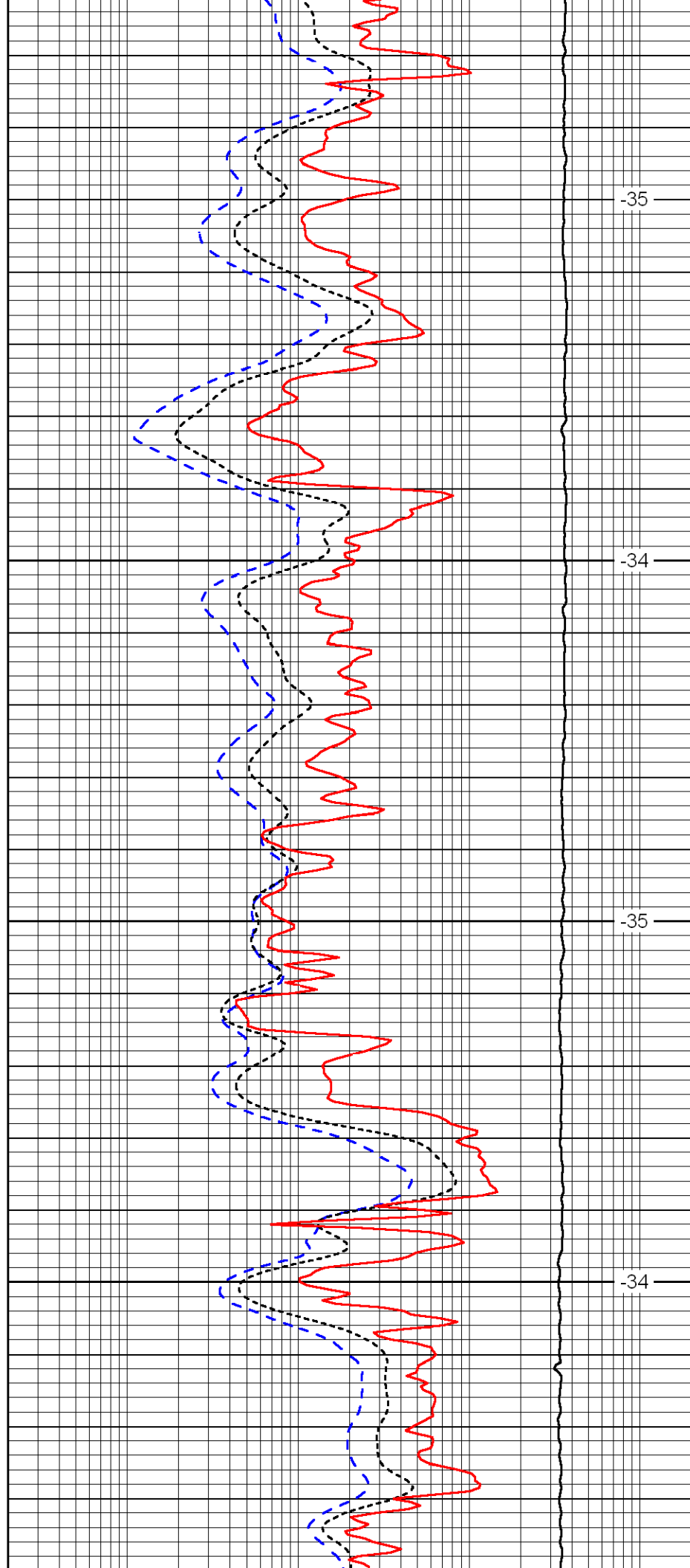


4550

4600

4650

4700

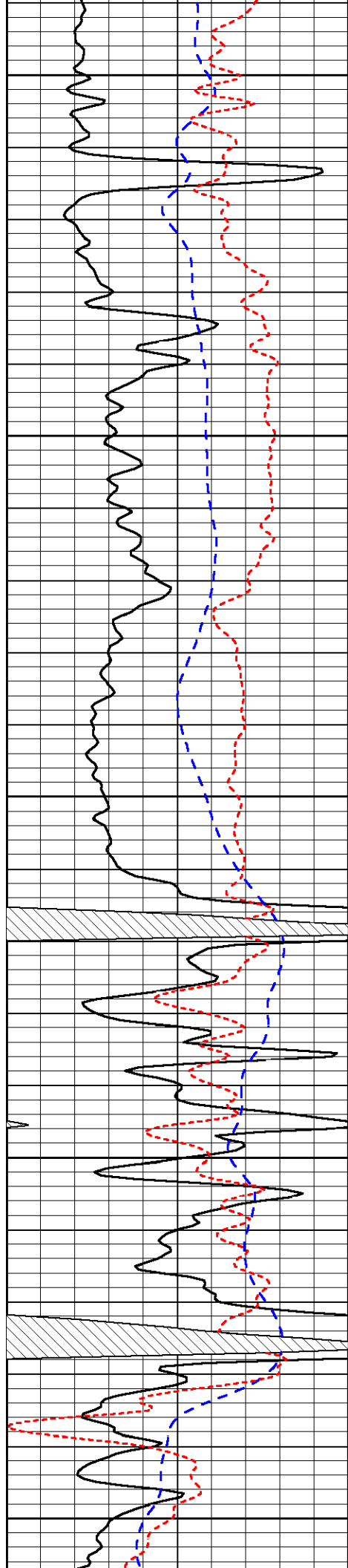


-35

-34

-35

-34



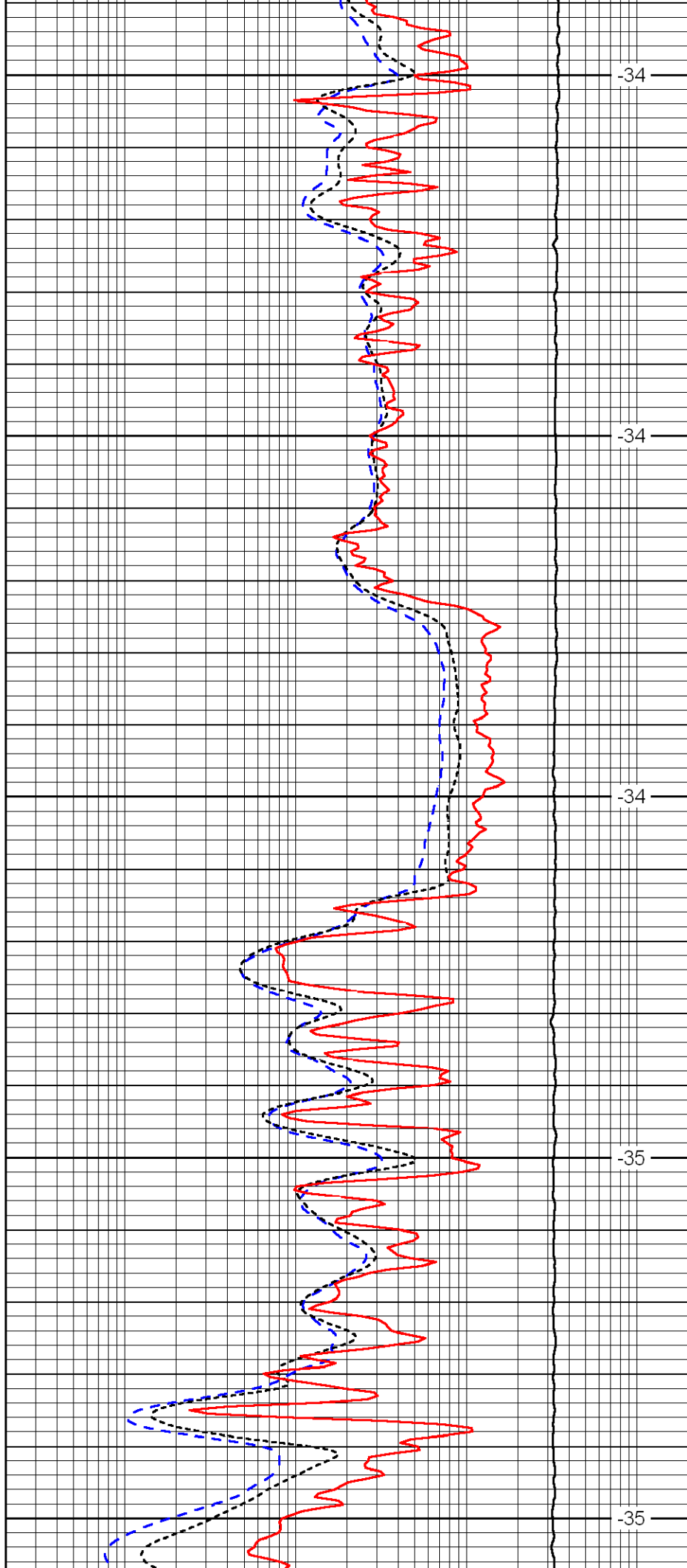
4750

4800

4850

4900

4950



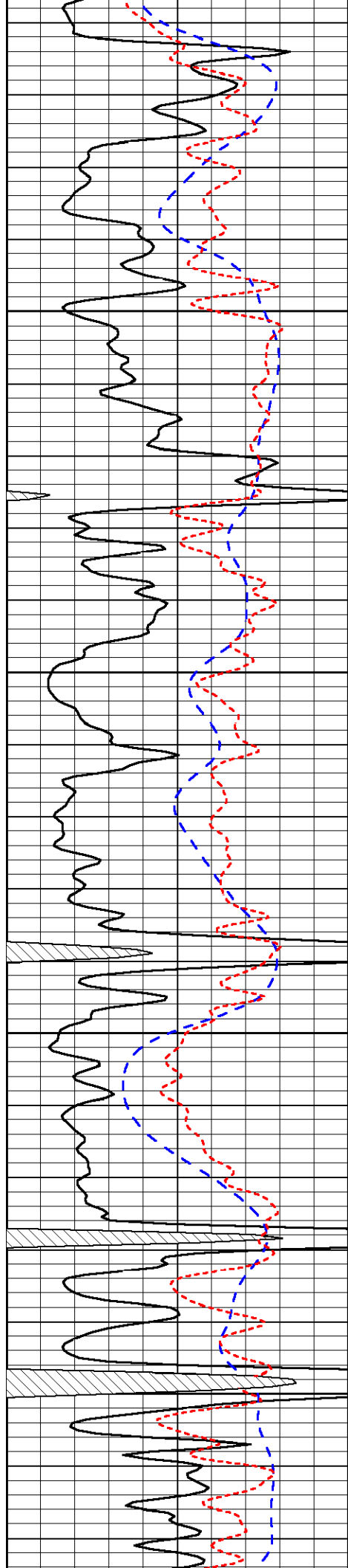
-34

-34

-34

-35

-35

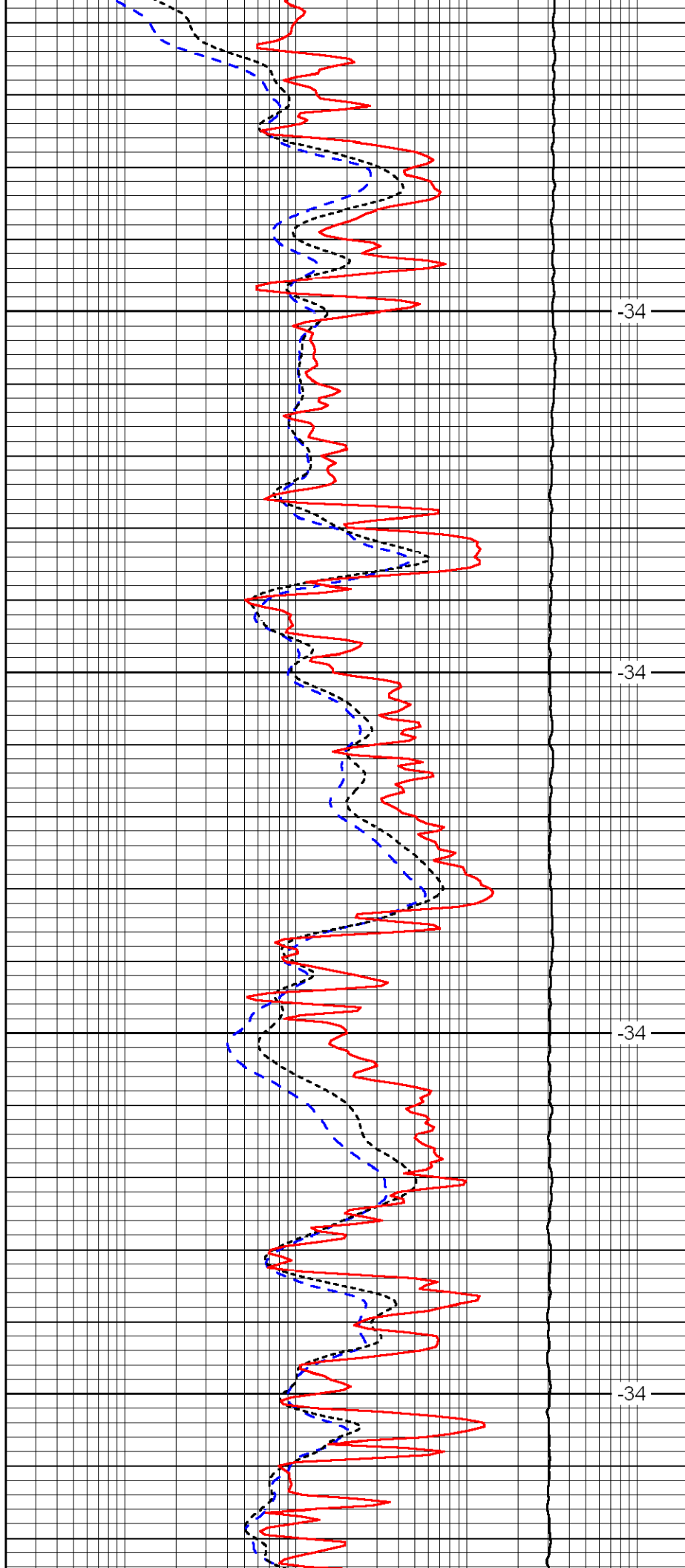


5000

5050

5100

5150

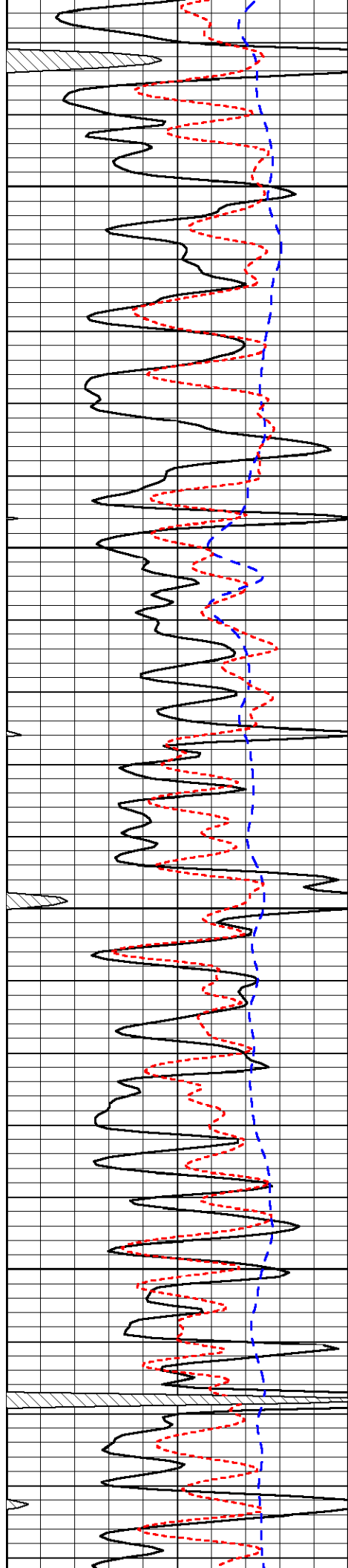


-34

-34

-34

-34

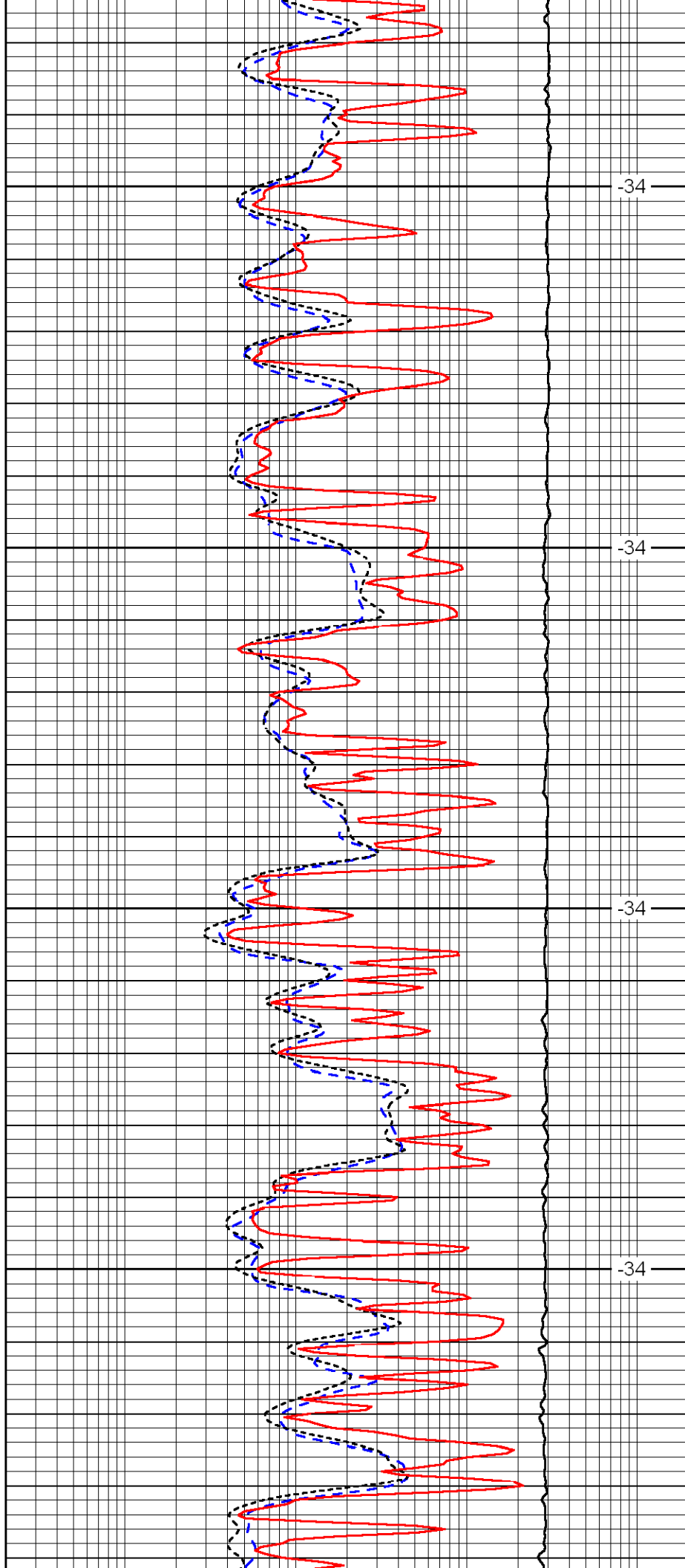


5200

5250

5300

5350

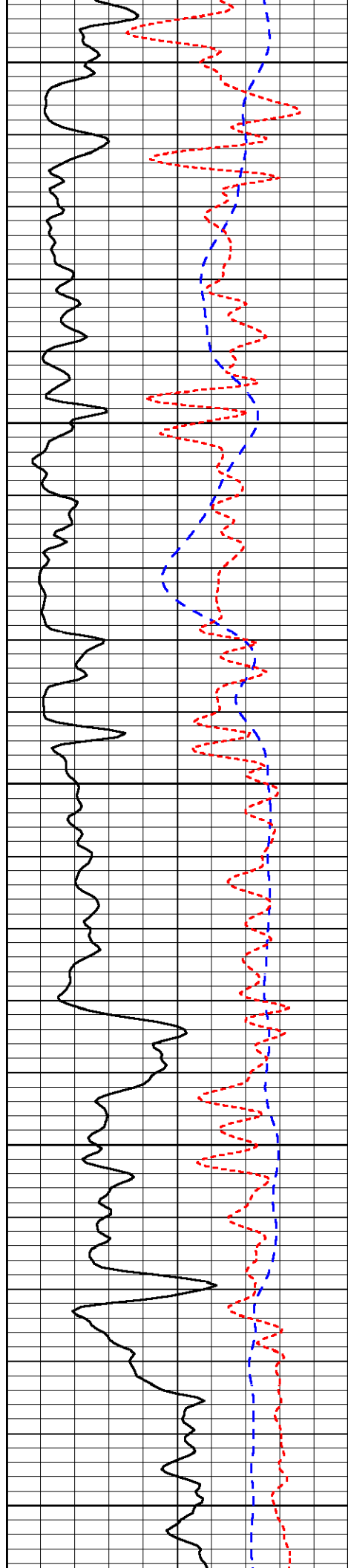


-34

-34

-34

-34



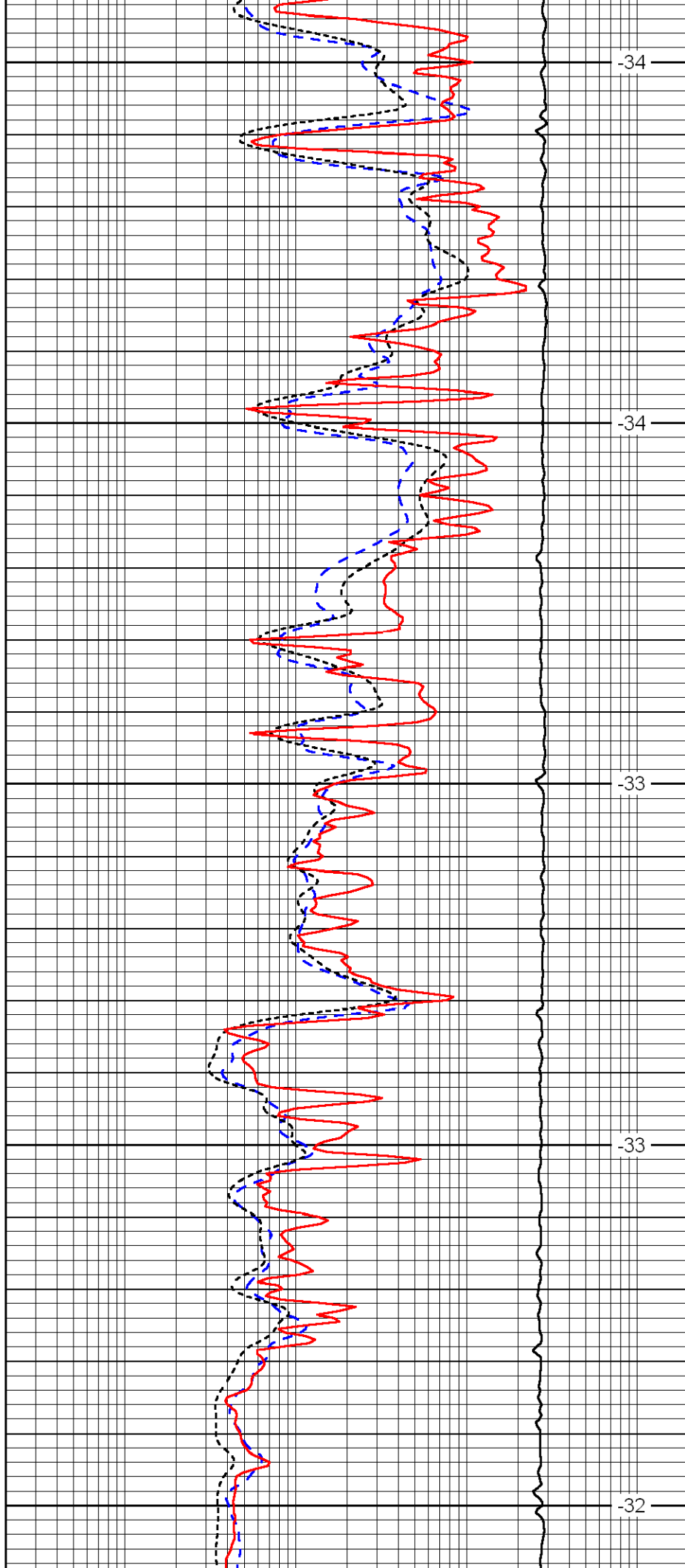
5400

5450

5500

5550

5600



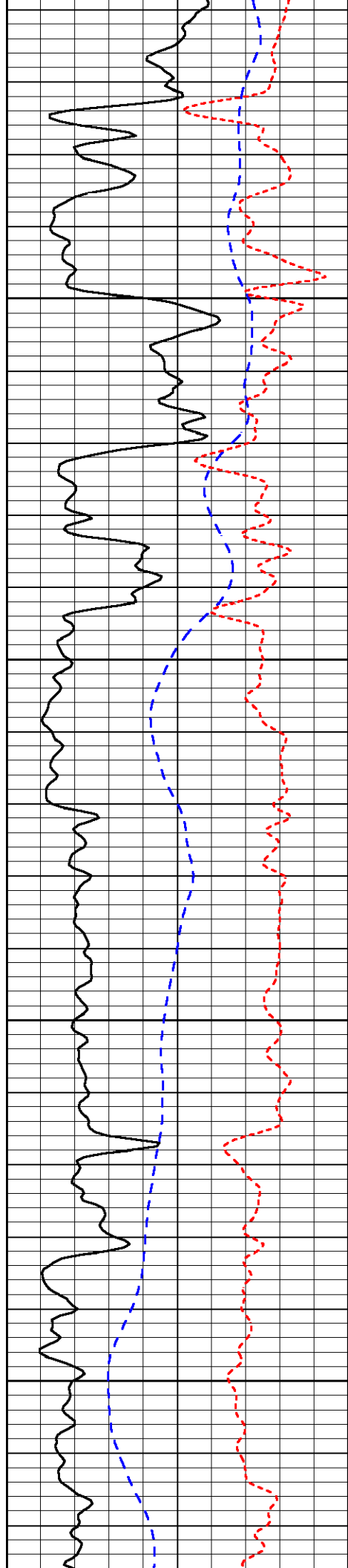
-34

-34

-33

-33

-32

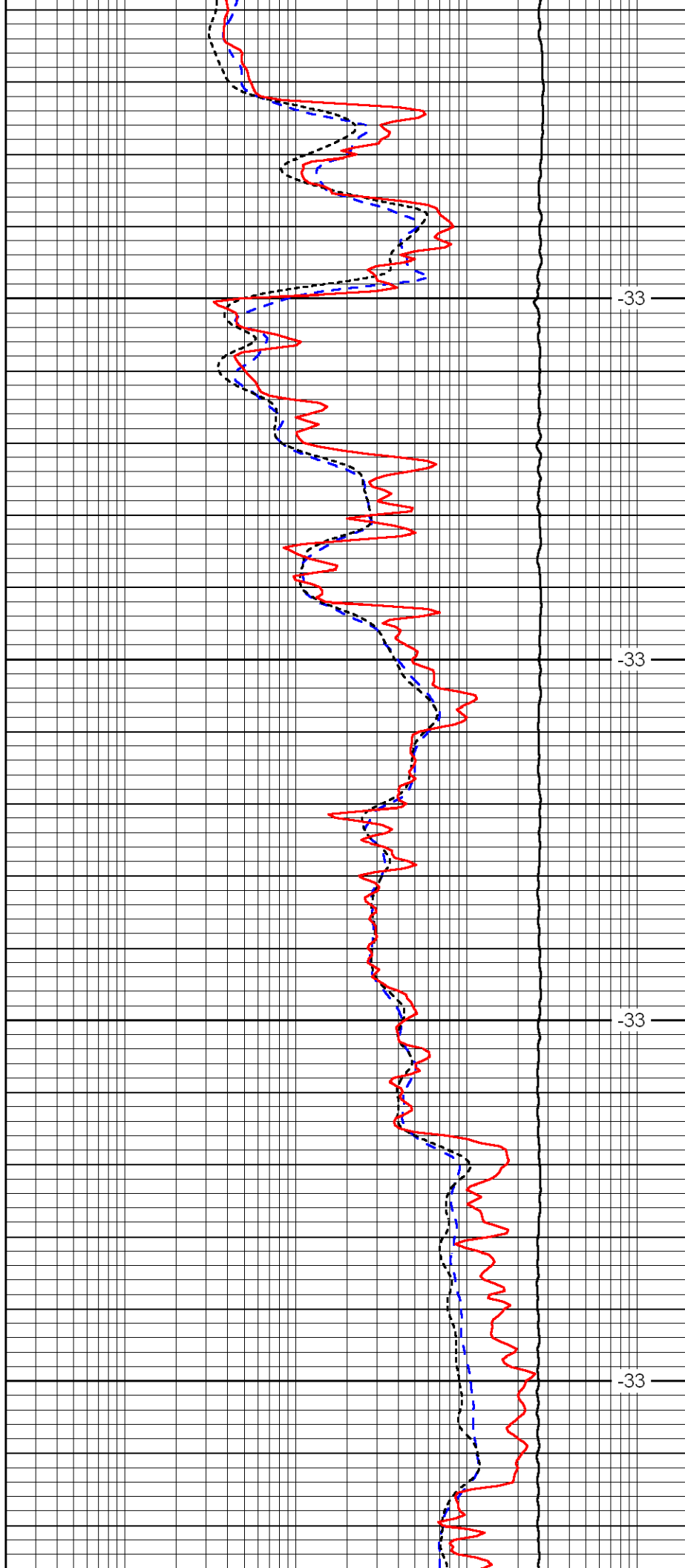


5650

5700

5750

5800

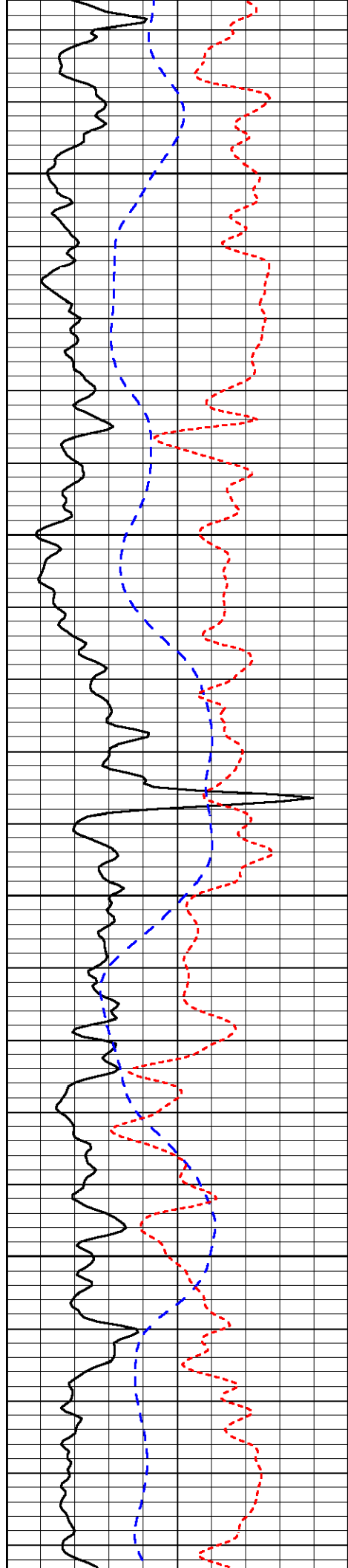


-33

-33

-33

-33



5850

5900

5950

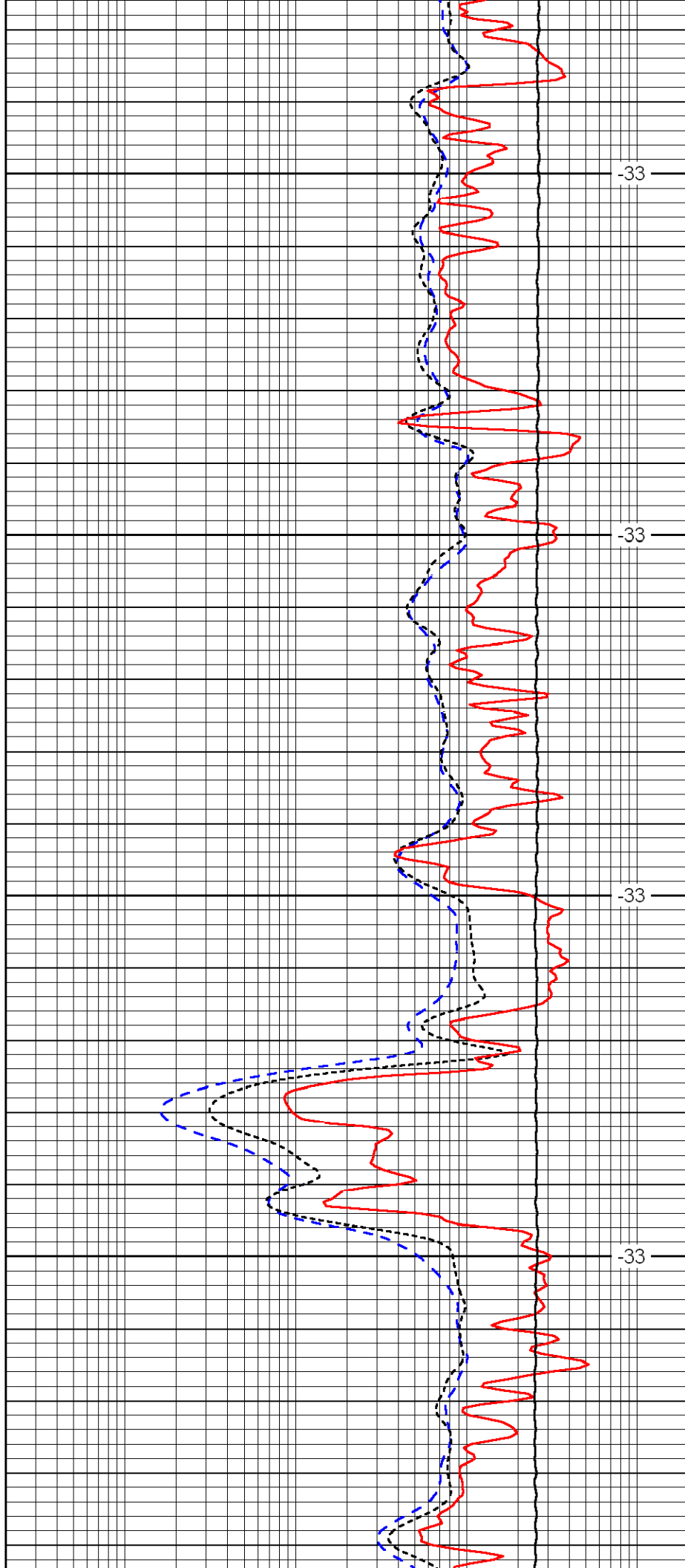
6000

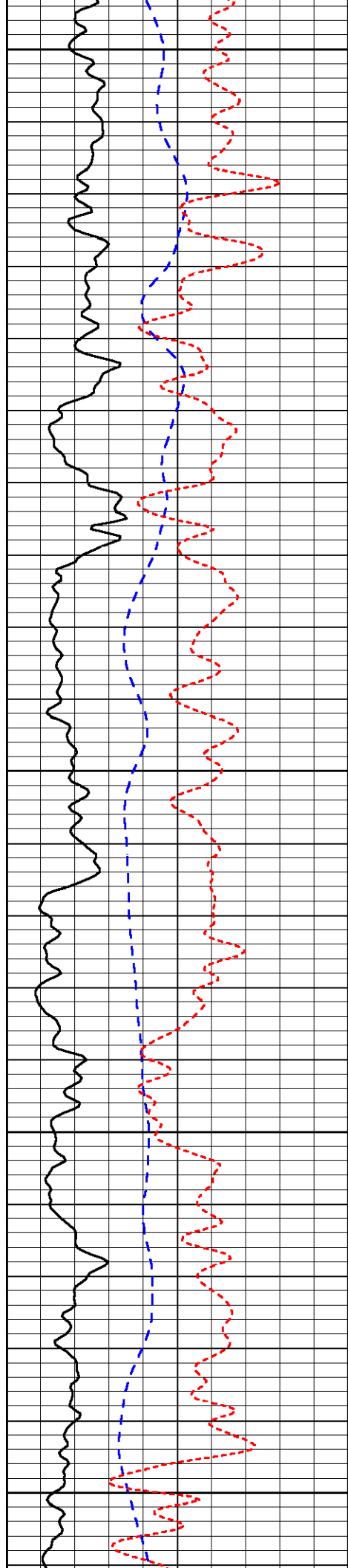
-33

-33

-33

-33





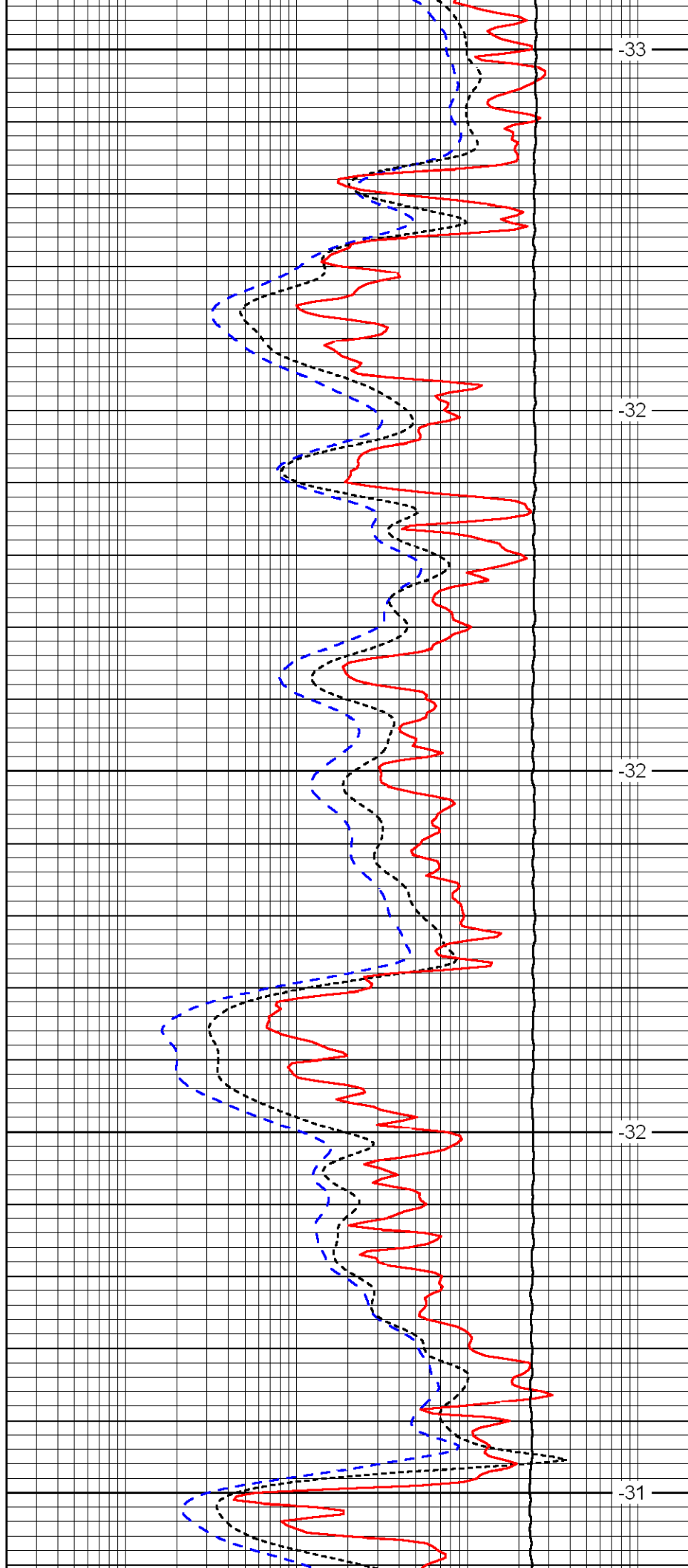
6050

6100

6150

6200

6250



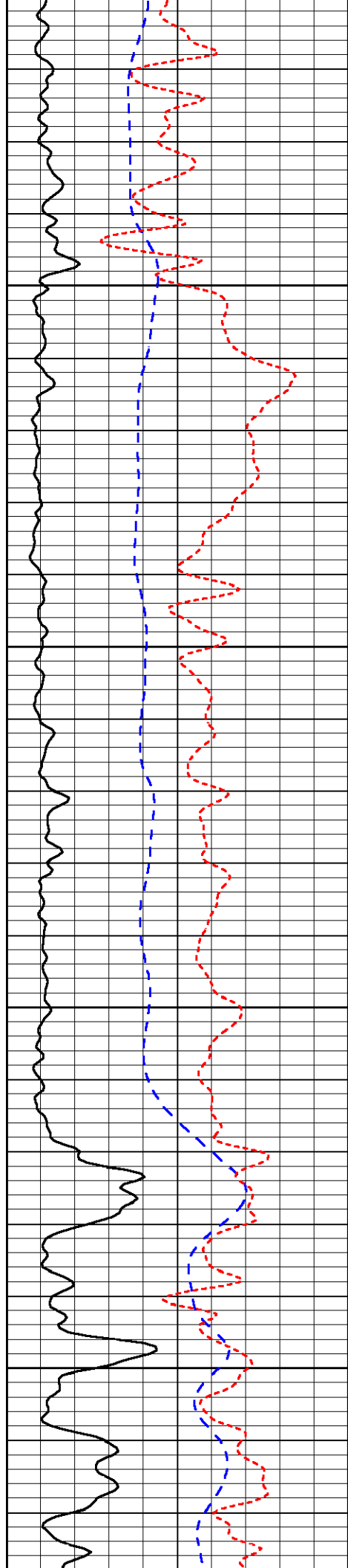
-33

-32

-32

-32

-31

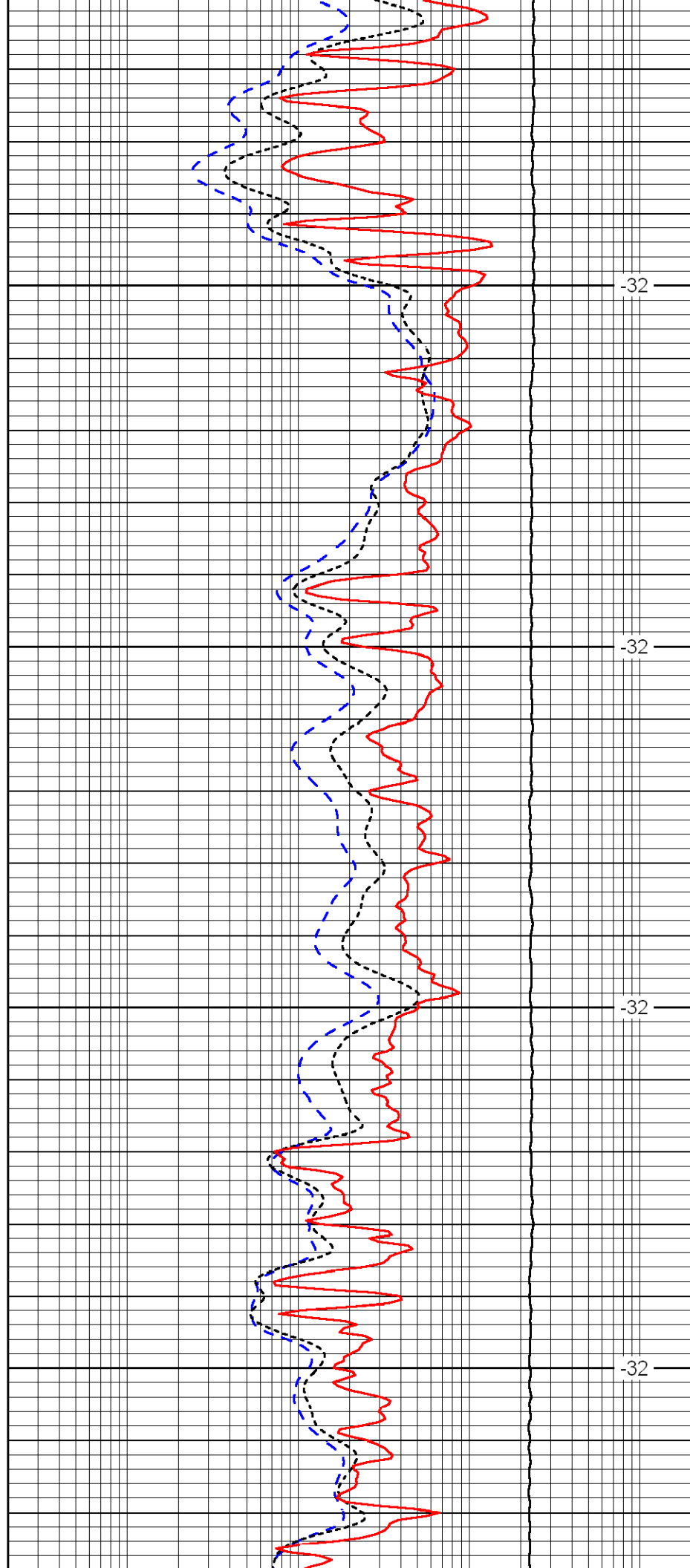


6300

6350

6400

6450

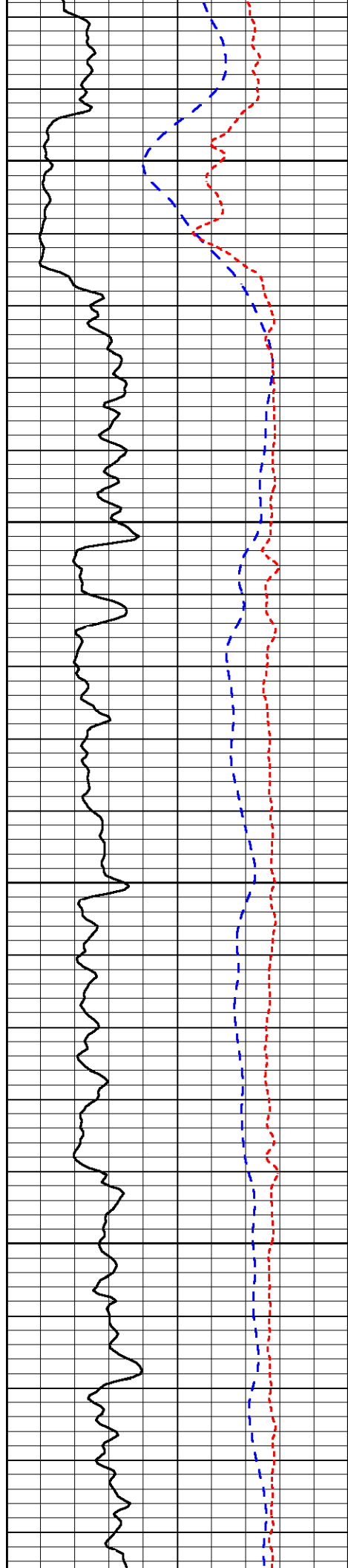


-32

-32

-32

-32

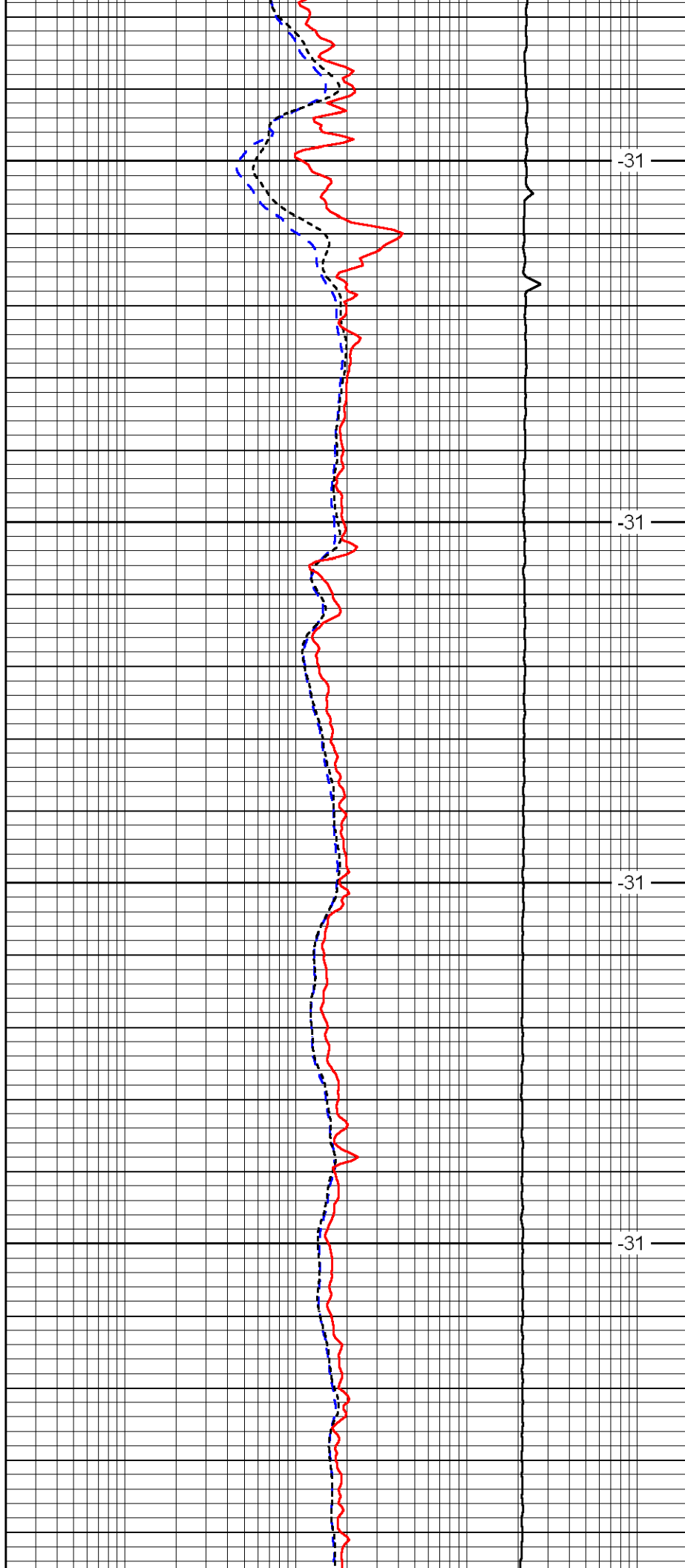


6500

6550

6600

6650

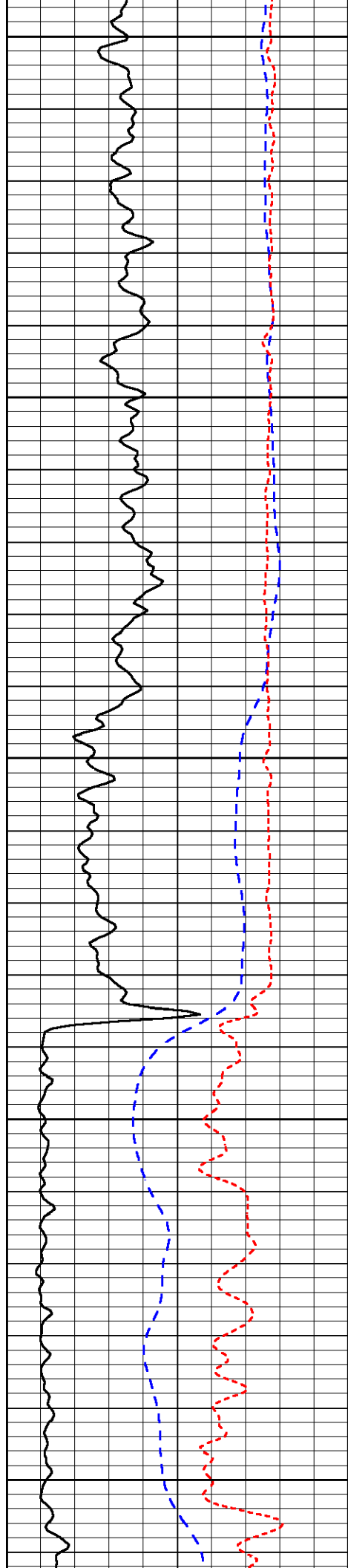


-31

-31

-31

-31



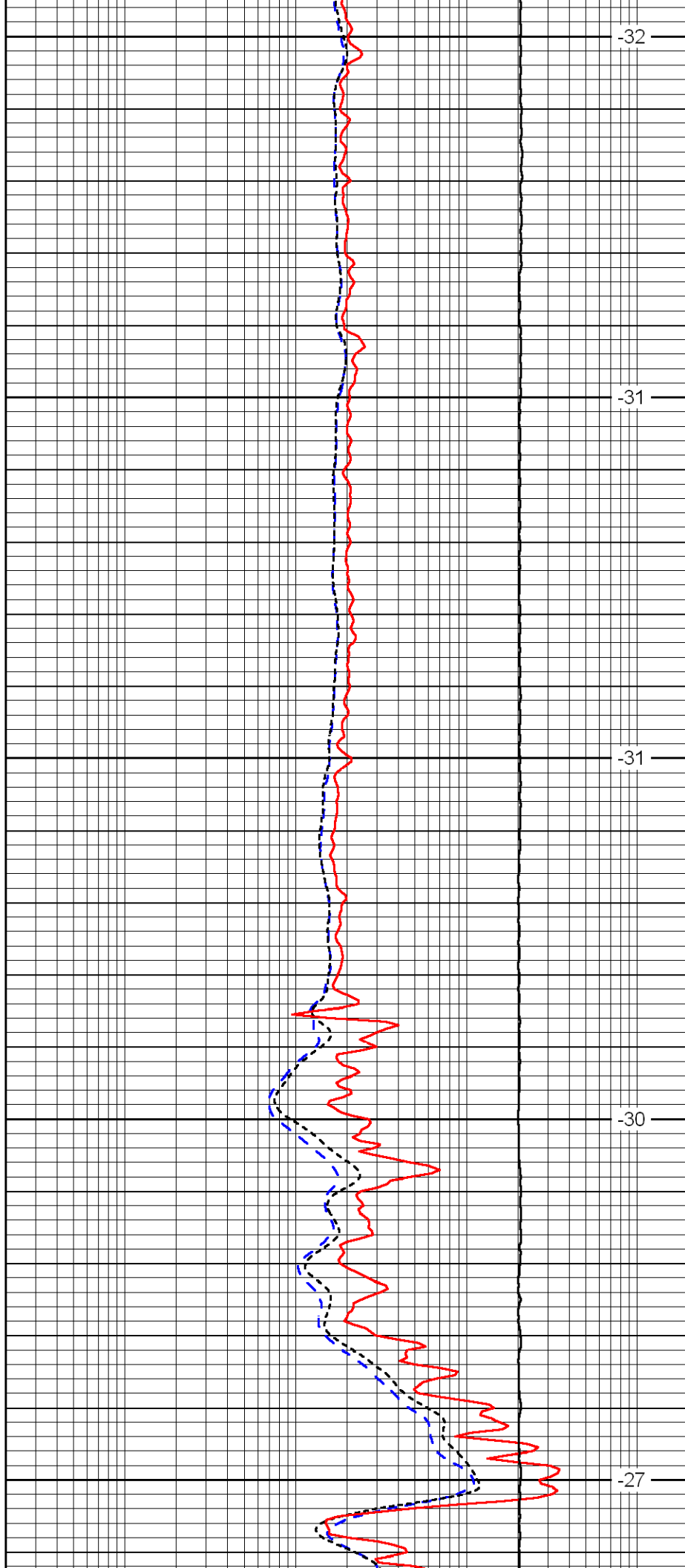
6700

6750

6800

6850

6900



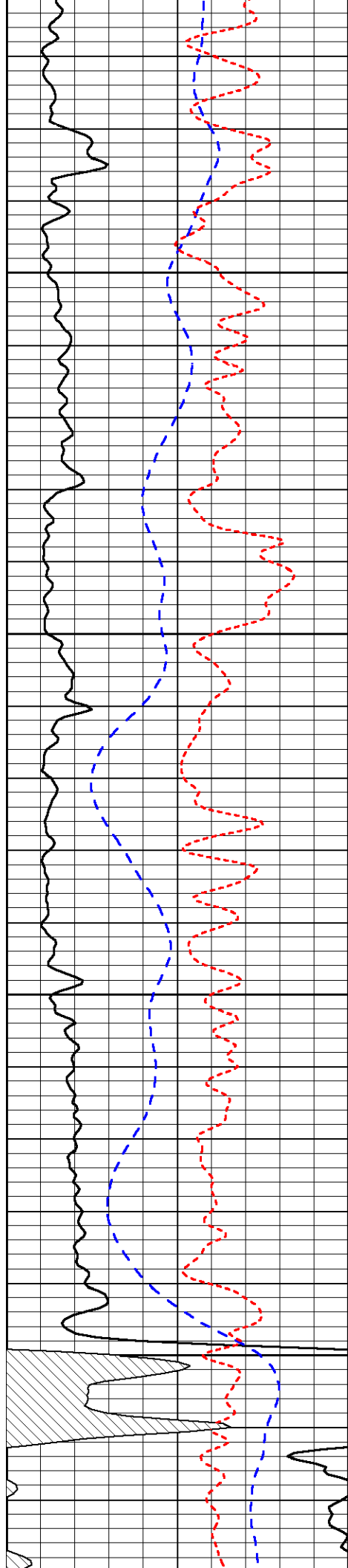
-32

-31

-31

-30

-27

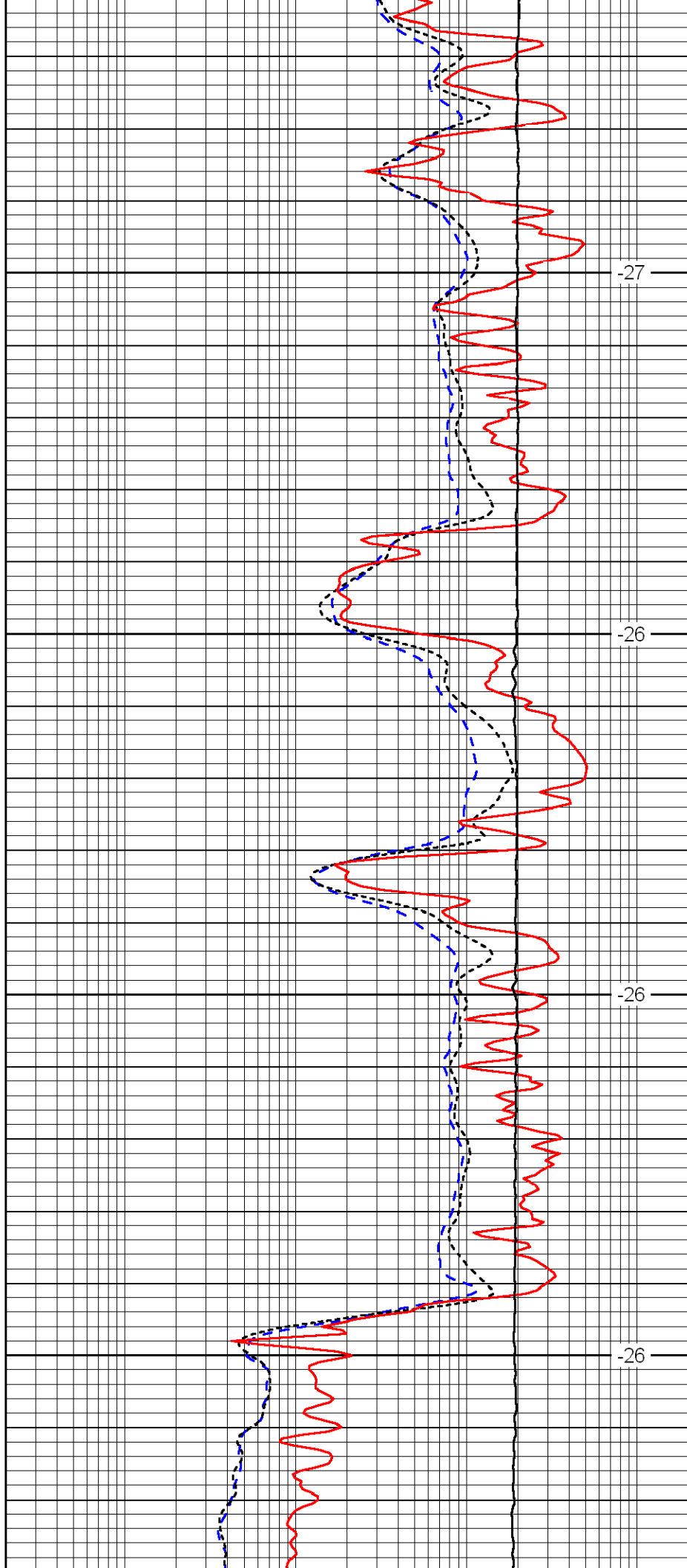


6950

7000

7050

7100

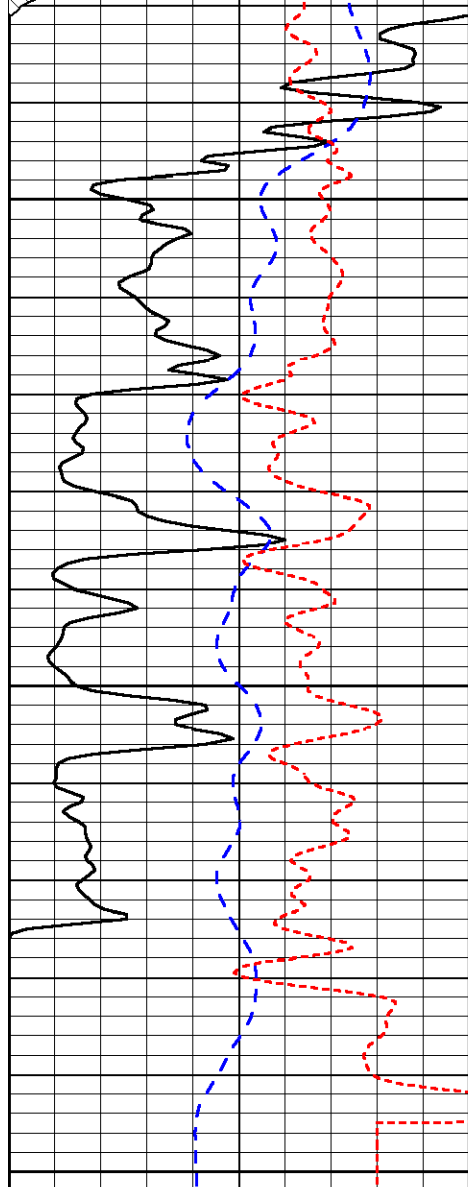


-27

-26

-26

-26

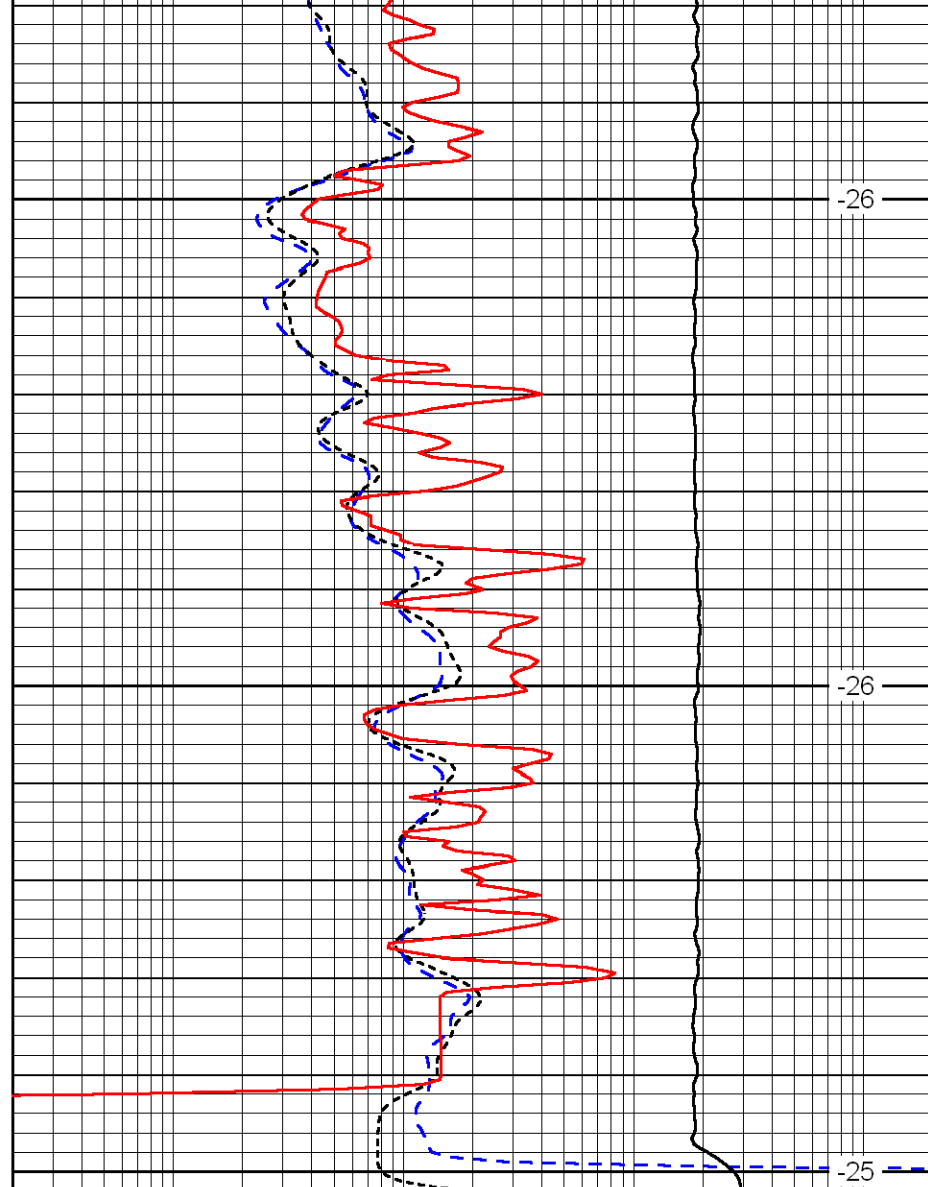


0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

7150

7200

7250



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)