



Dual Induction Log

Pioneer Energy Services

API No.

15-153-20985-00-00

Company **Murfin Drilling Company, Inc.**

Well **Burk Trust 'J' #1-25**

Field **Wildcat**

County **Rawlins** State

Kansas

Location

610' FNL & 1590' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: 25

Twp: 1S

Rge: 36W

Elevation

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
Kelly Bushing
From Kelly Bushing

Elevation 3245
10 Ft. Above Perm. Datum

K.B. 3255
D.F. 3245
G.L. 3245

Date

2/23/2014

Run Number

One

Depth Driller

4780

Depth Logger

4781

Bottom Logged Interval

4780

Top Log Interval

0

Casing Driller

8.625 @ 267

Casing Logger

265

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

800

Density / Viscosity

9.2 73

pH / Fluid Loss

10.5 7.2

Source of Sample

Flowline

Rm @ Meas. Temp

0.95 @ 38

Rmf @ Meas. Temp

0.71 @ 38

Rmc @ Meas. Temp

1.28 @ 38

Source of Rmf / Rmc

Charts

Rm @ BHT

0.29 @ 126

Operating Rig Time

5 Hours

Max Rec. Temp. F

126

Equipment Number

91

Location

Hays

Recorded By

D. Schmitt

Witnessed By

Charles Schmitz

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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

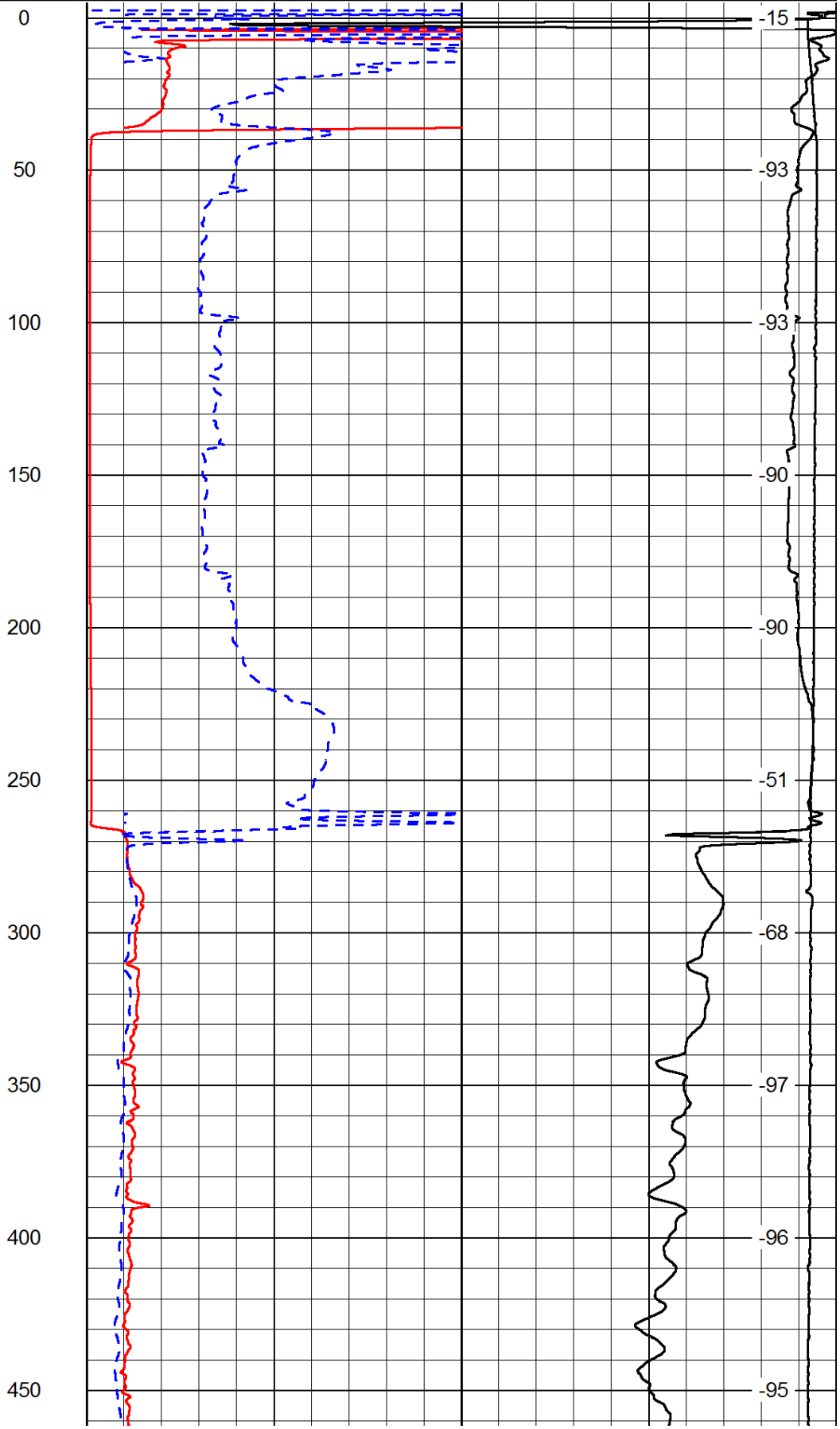
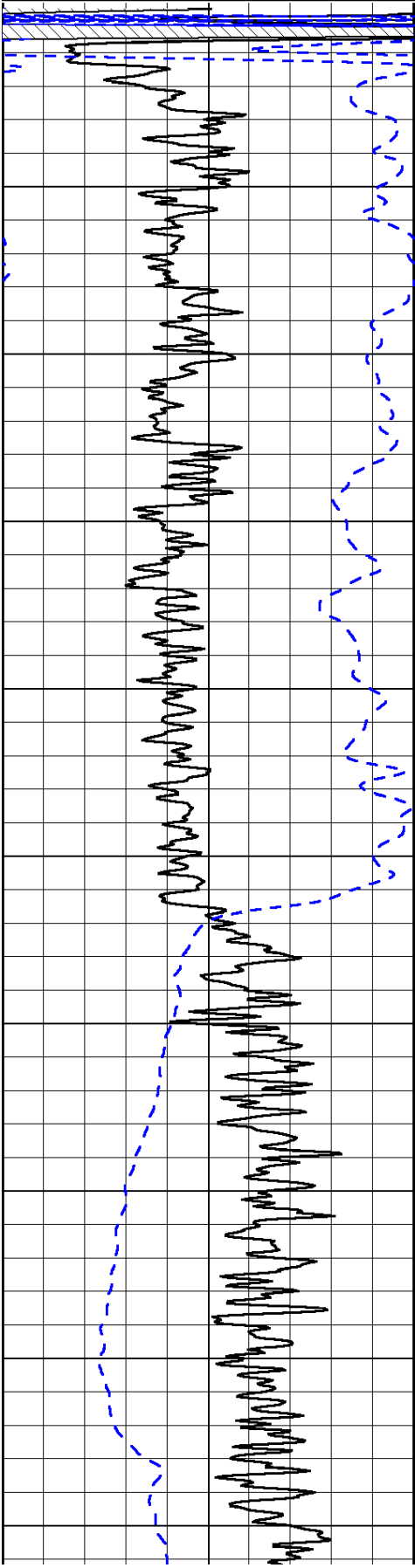
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Beardsley,
North to AA Rd, West to 7 Rd, 1/4 West,
South into

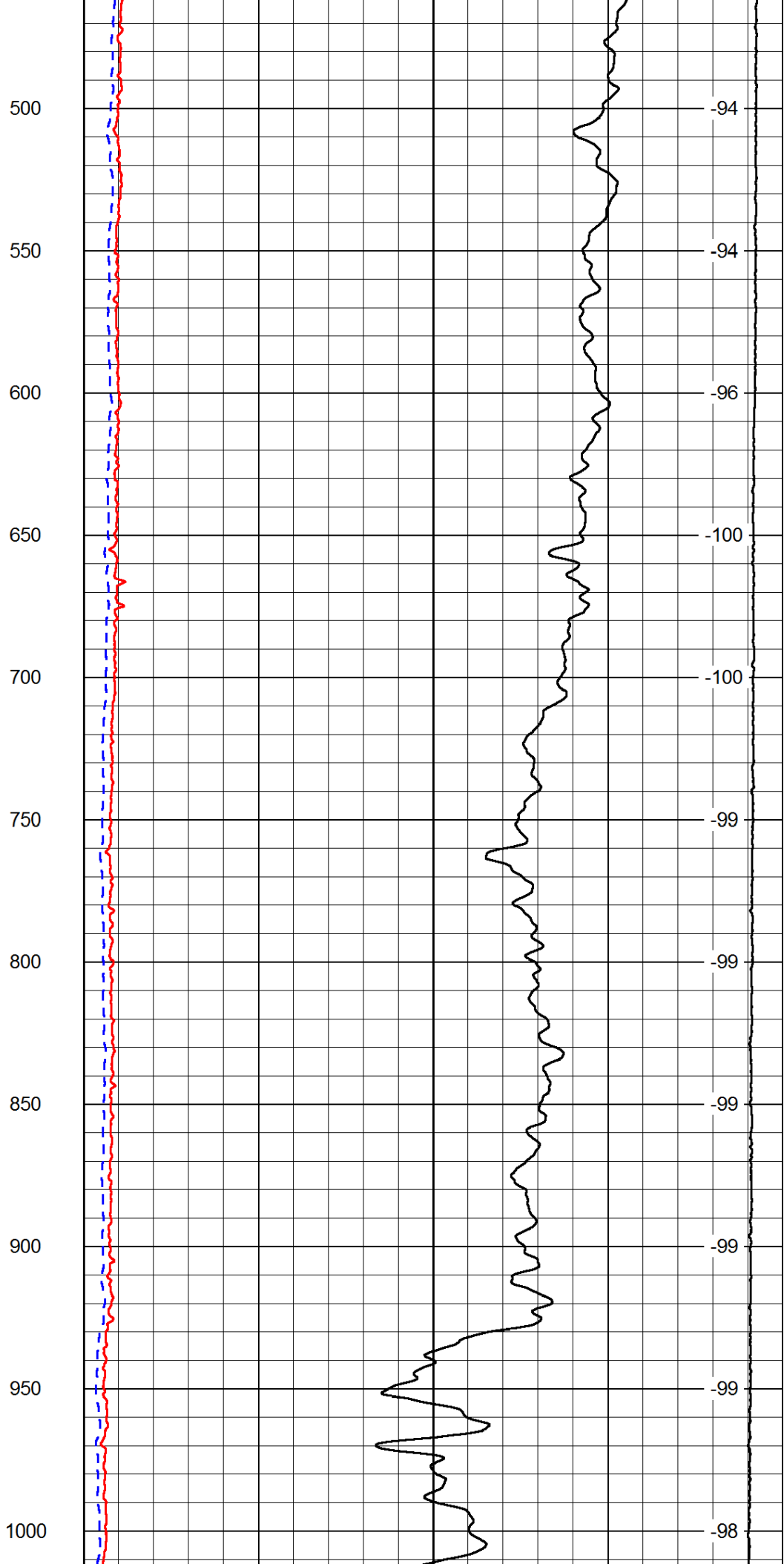
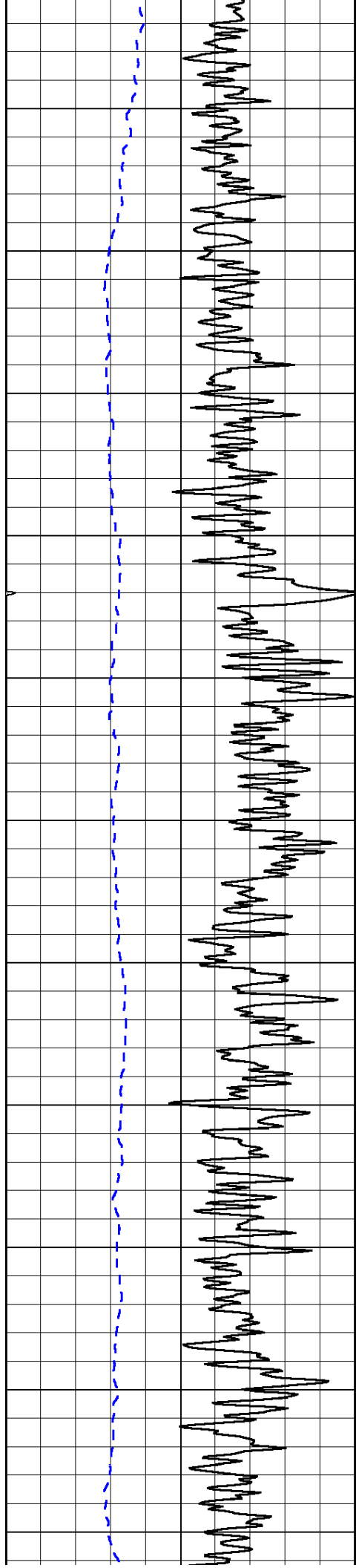
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Presentation Format: dil2in
Dataset Creation: Sun Feb 23 04:24:39 2014
Charted by: Depth in Feet scaled 1:600

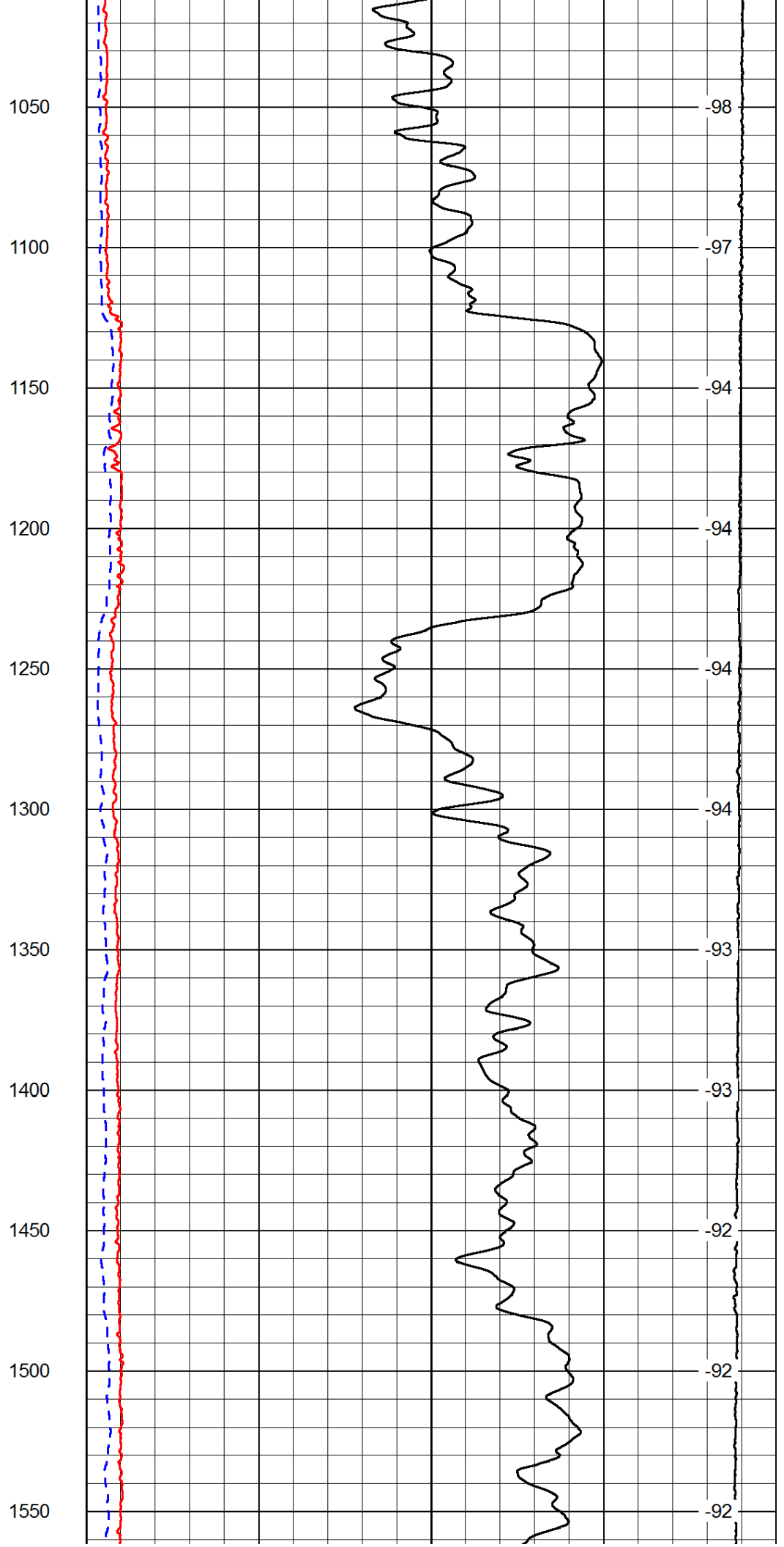
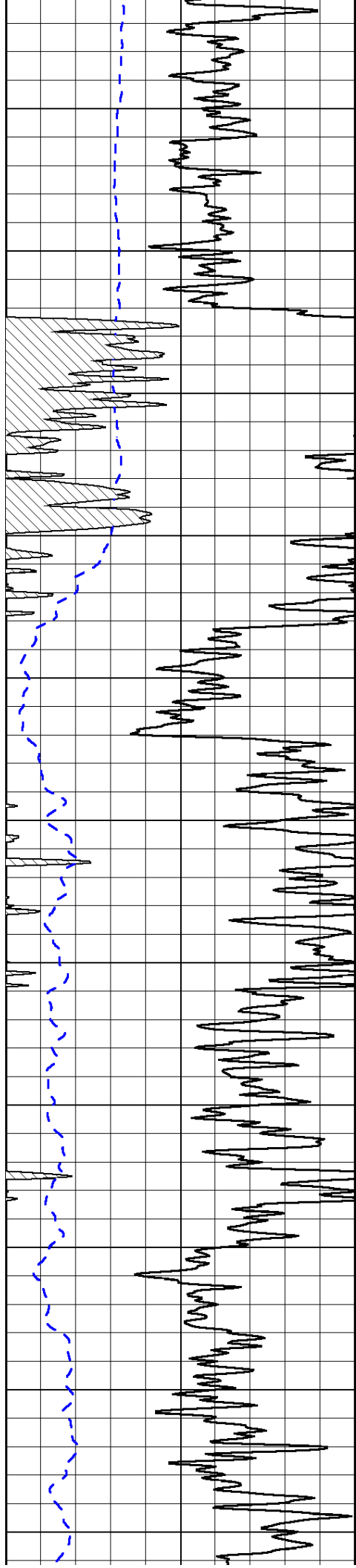
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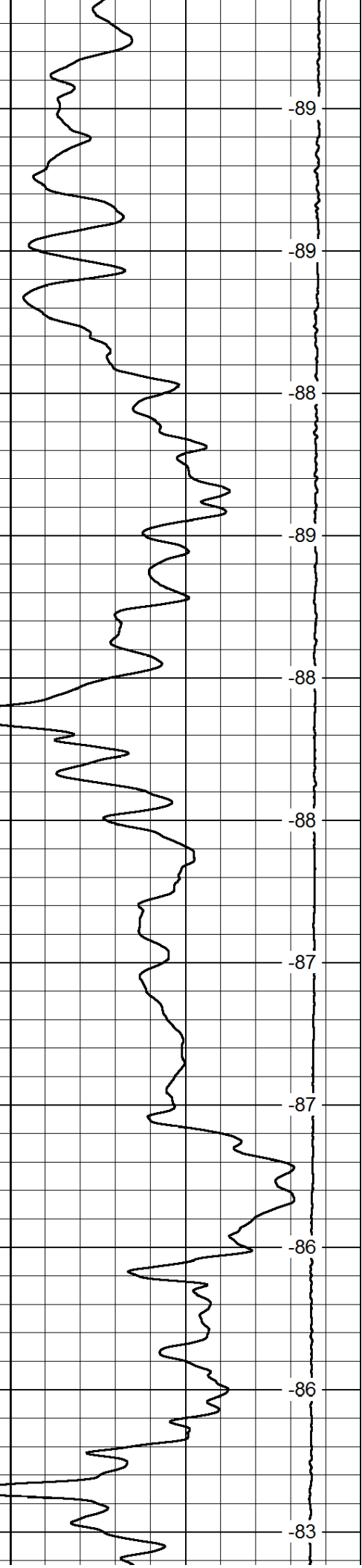
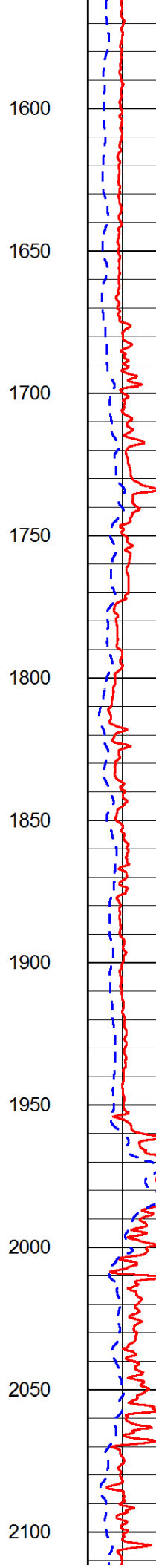
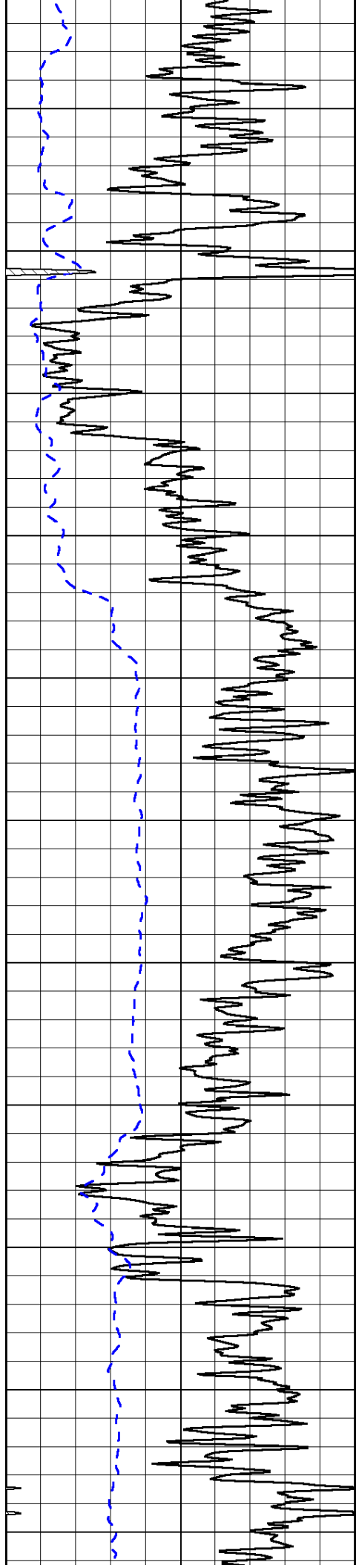
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-200	SP (mV)	0

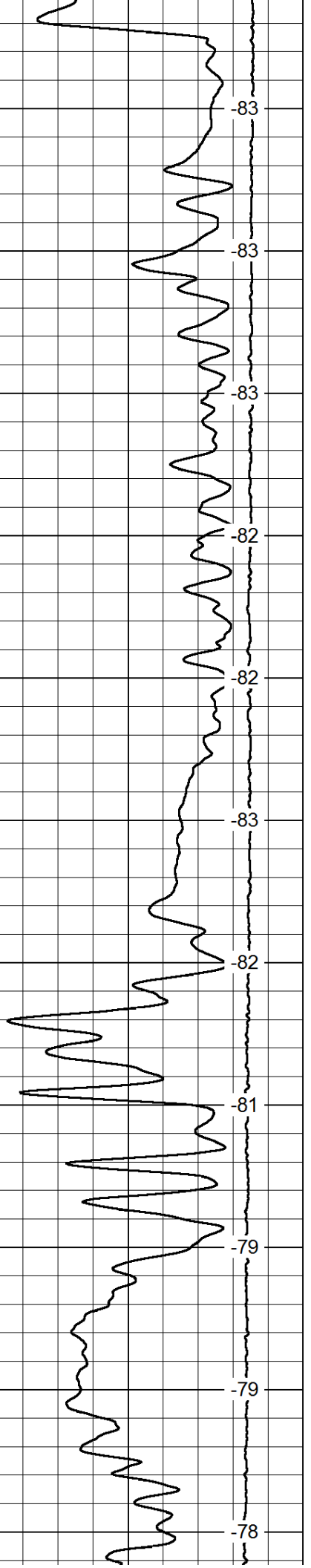
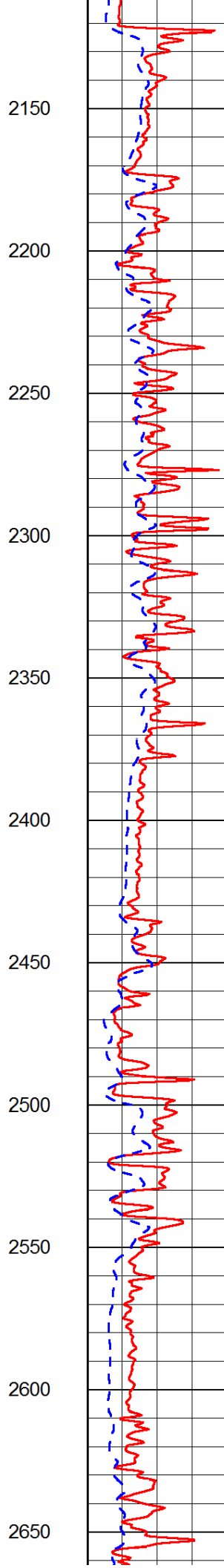
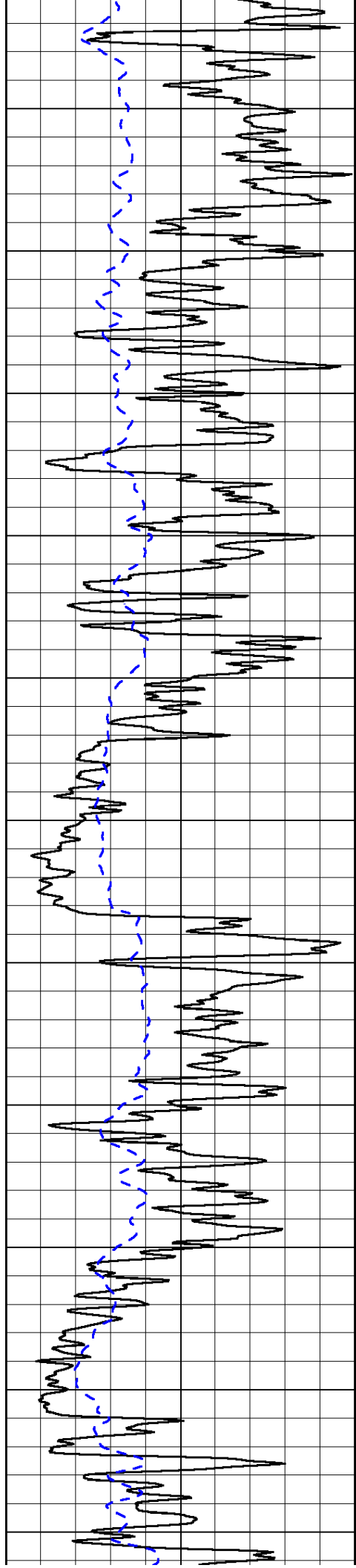
0	Shallow Resistivity	50	LSPD
0	Deep Resistivity	50	
1000	Conductivity		0
15000	Line Tension		0
50	Shallow Resistivity	500	
50	Deep Resistivity	500	

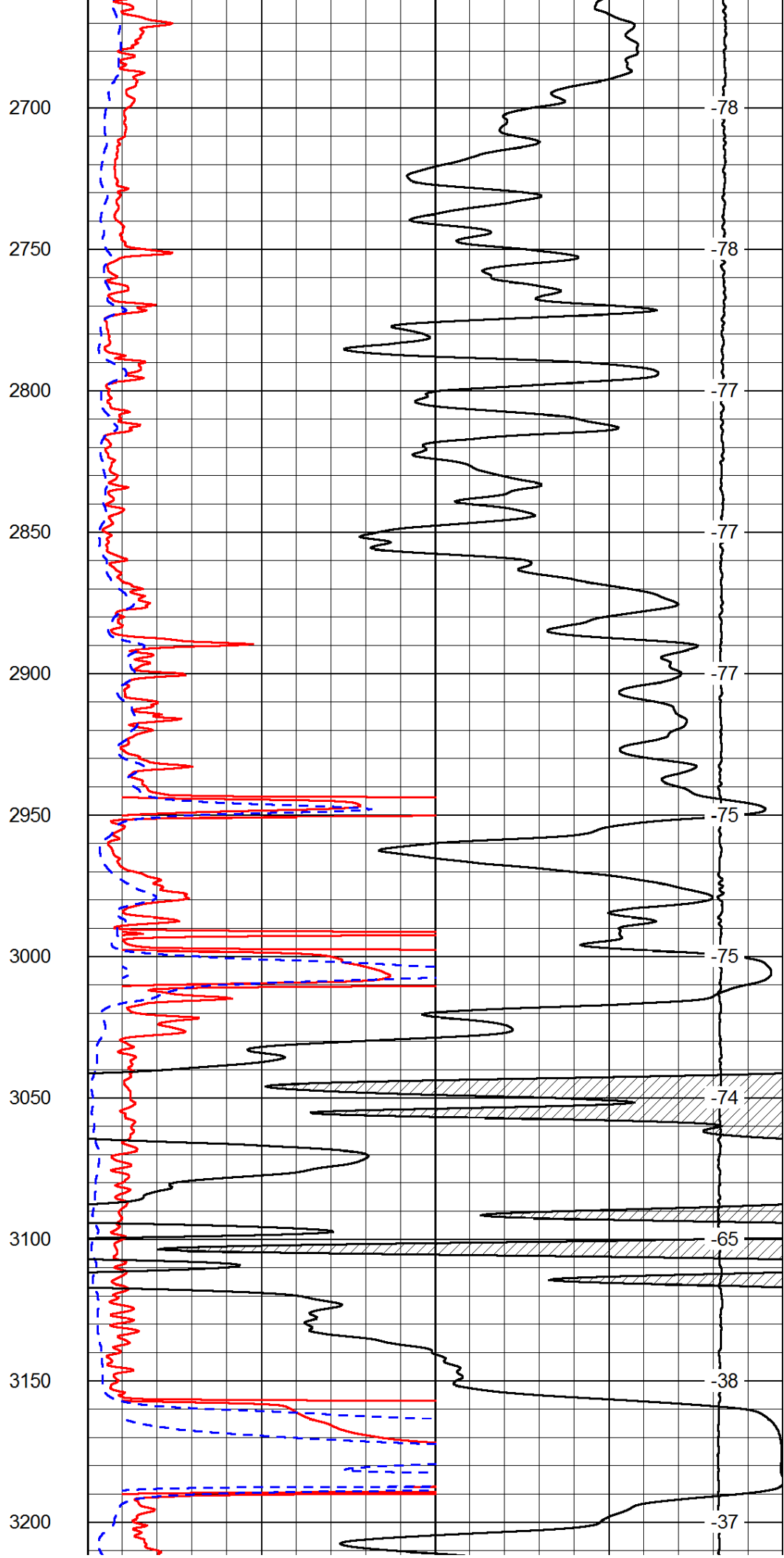
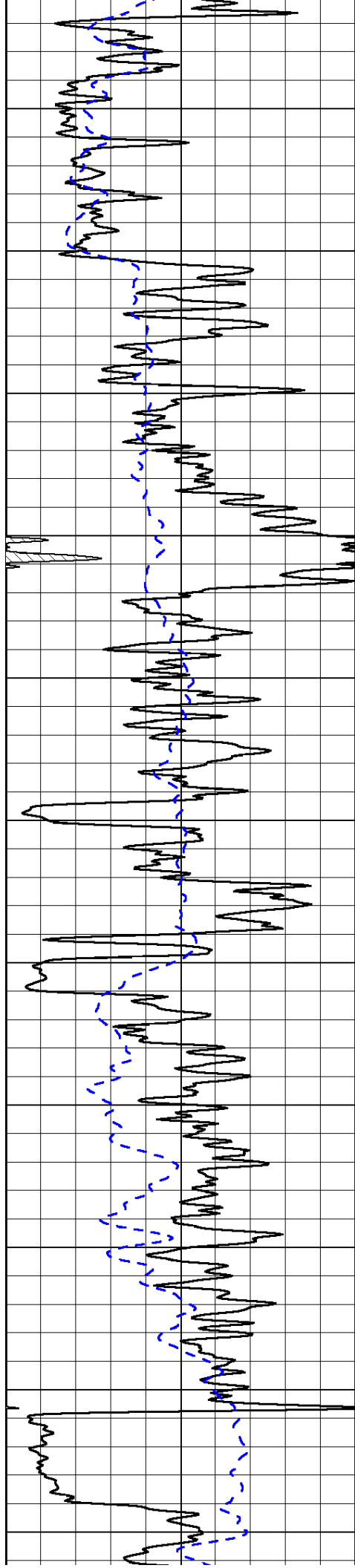


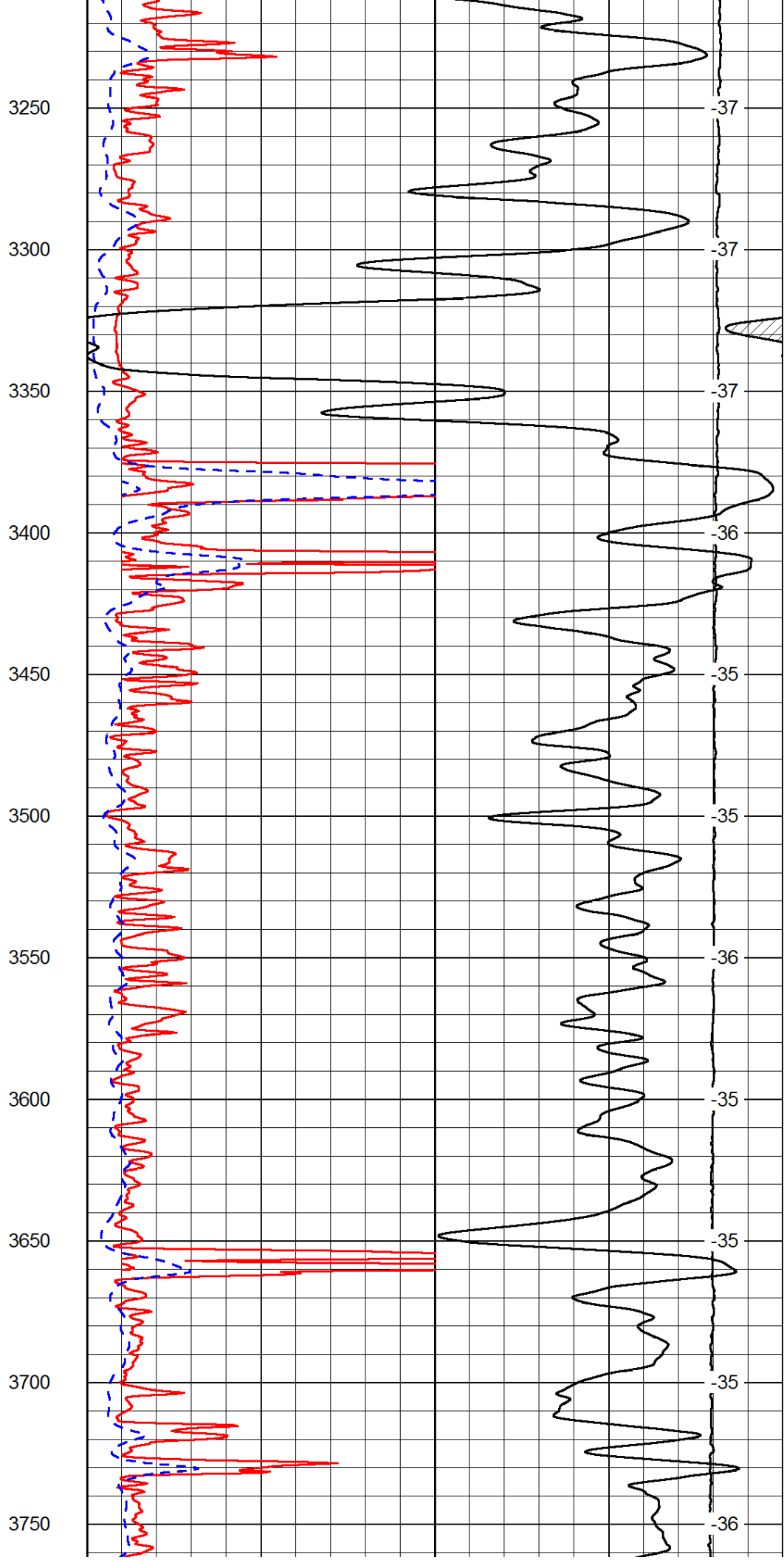
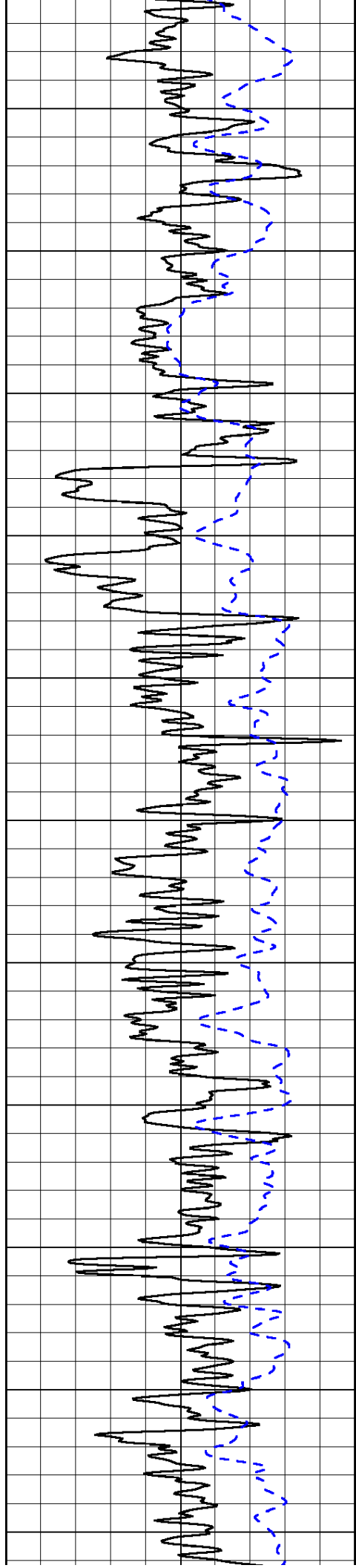


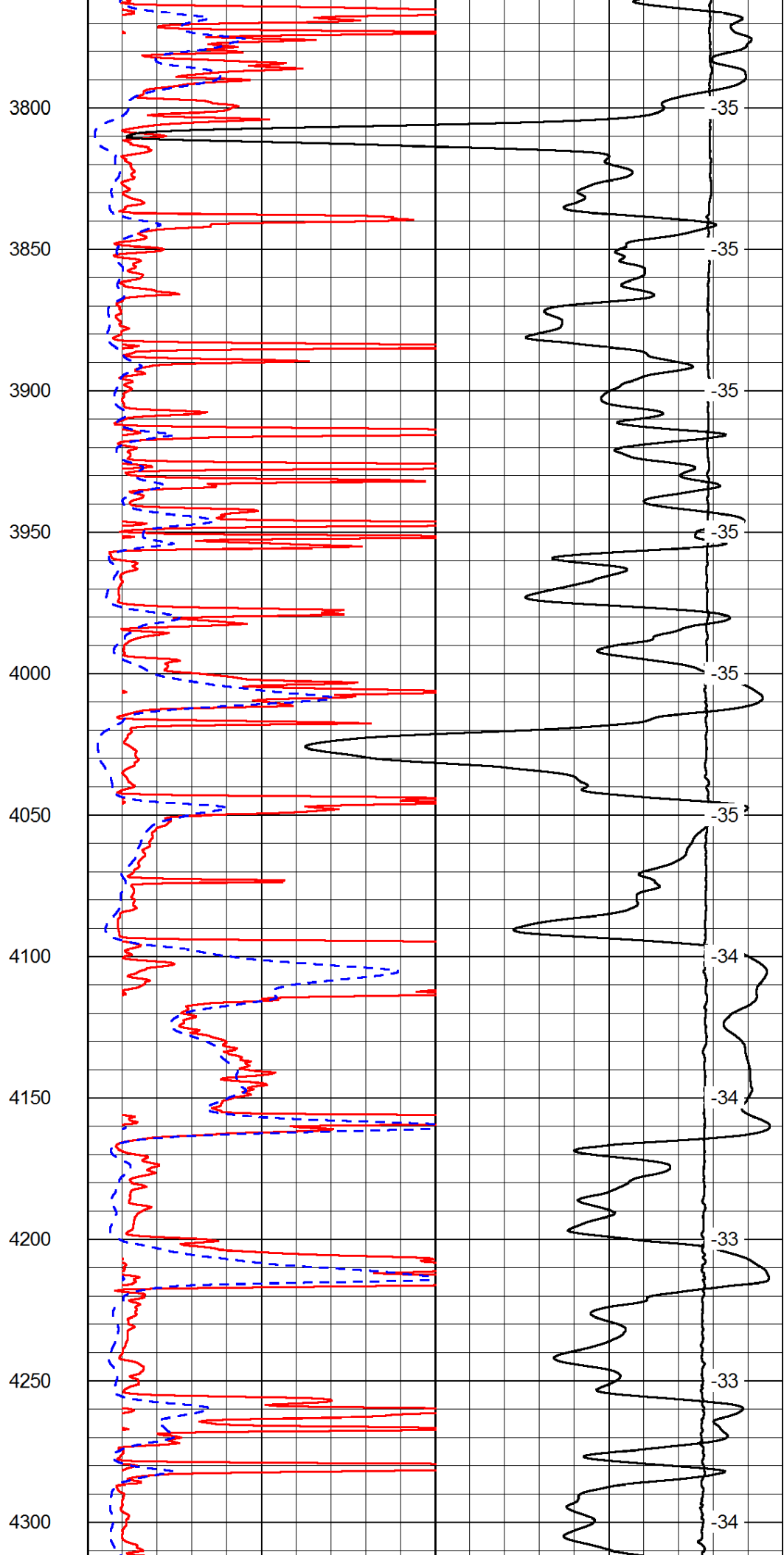
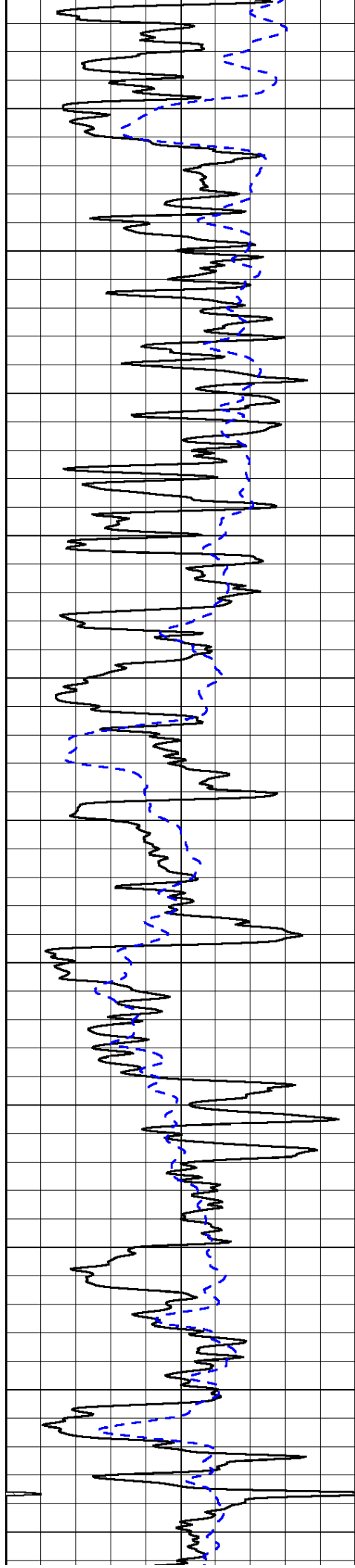


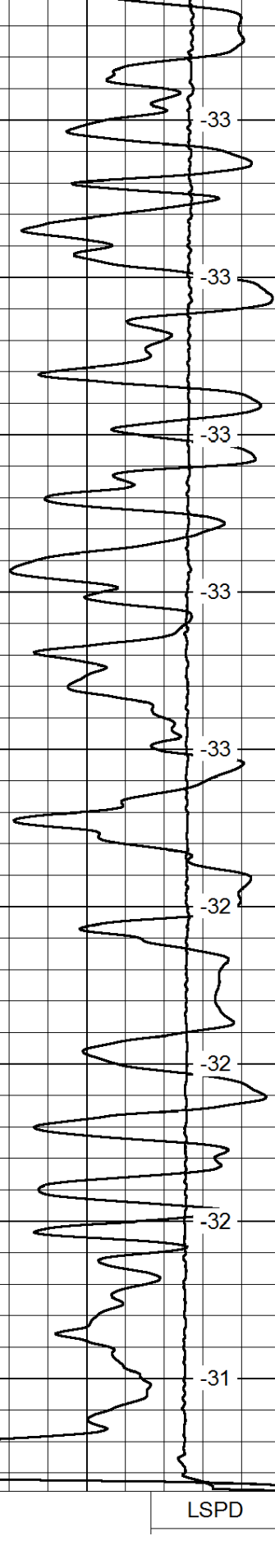
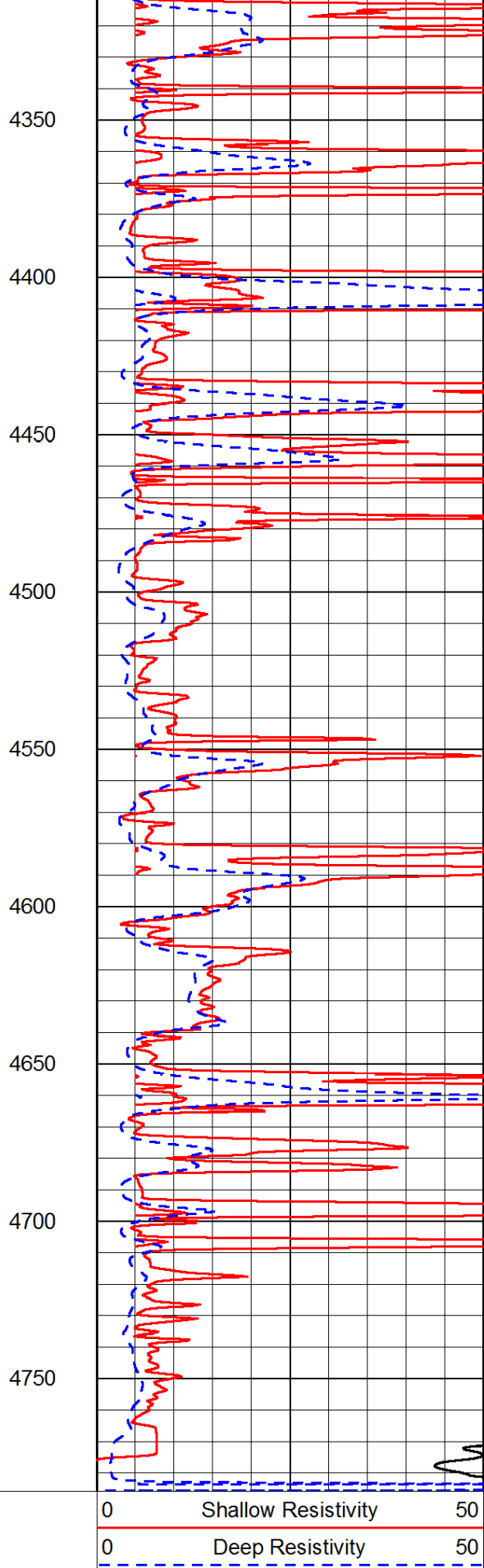
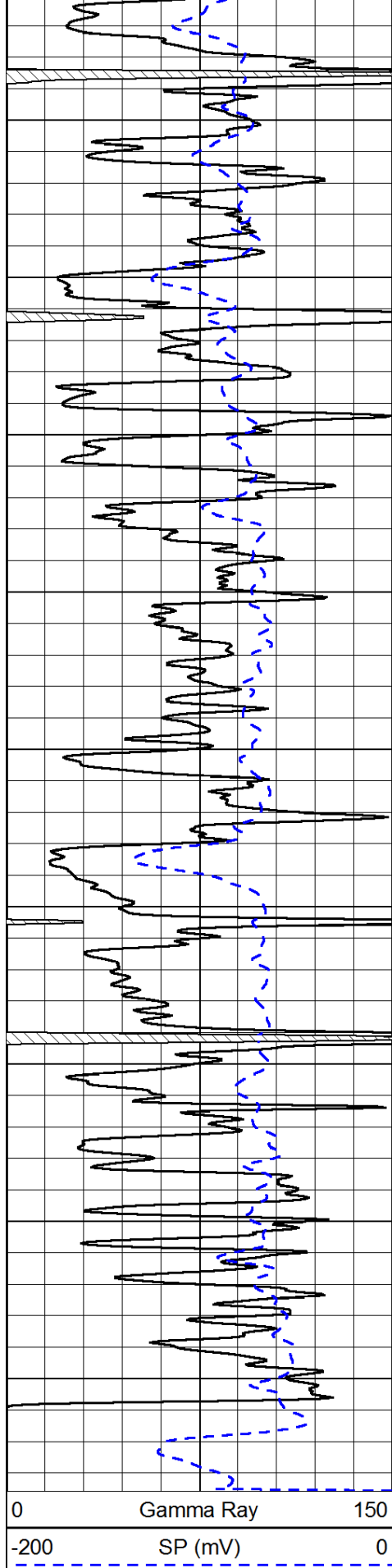












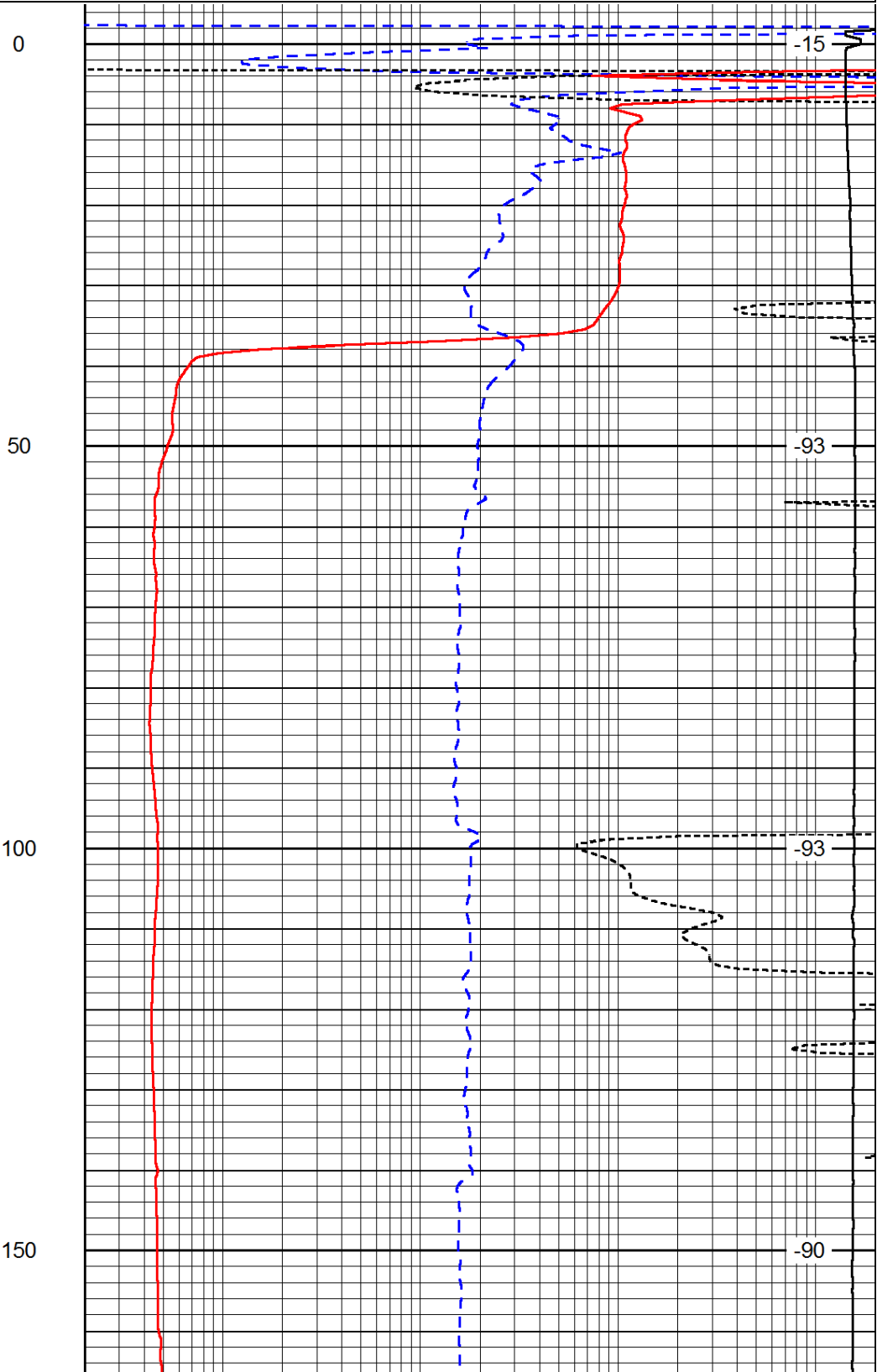
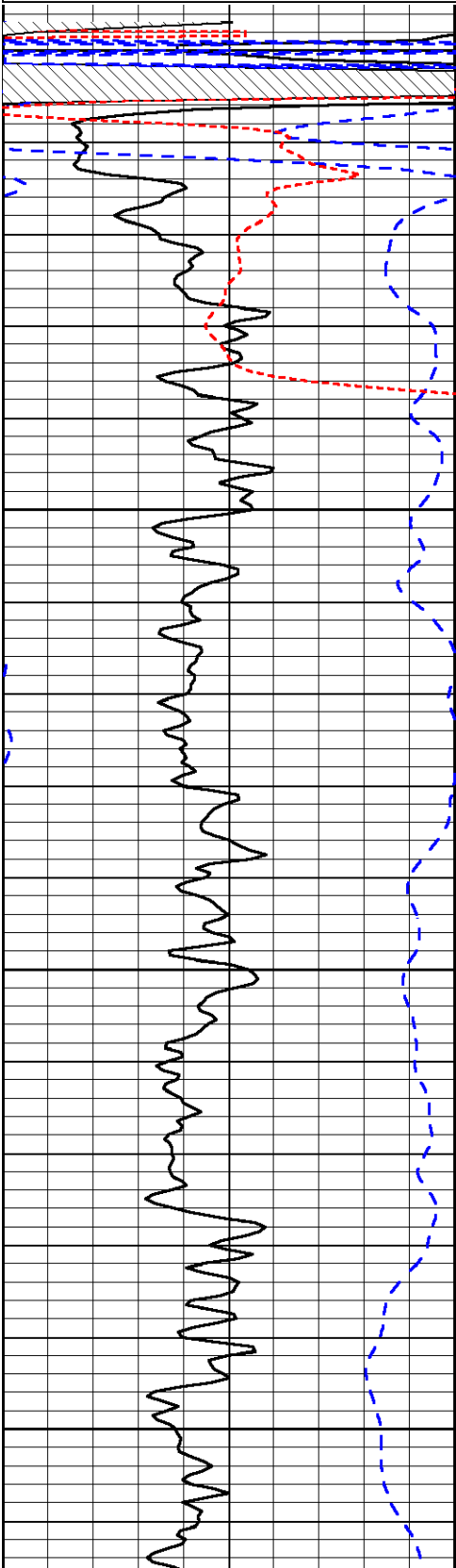
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15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

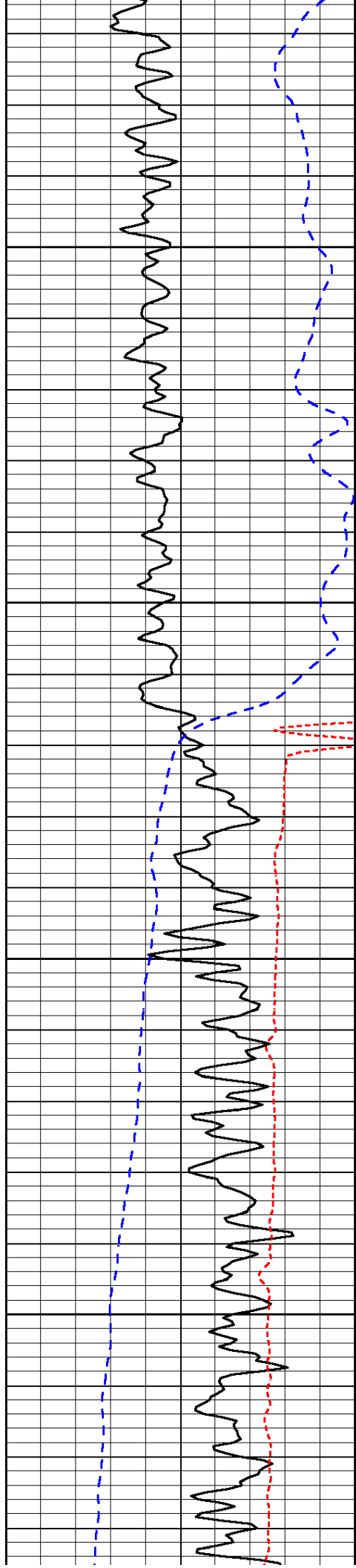
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Dataset Pathname: dil/mrfstck
Presentation Format: dil
Dataset Creation: Sun Feb 23 04:24:39 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



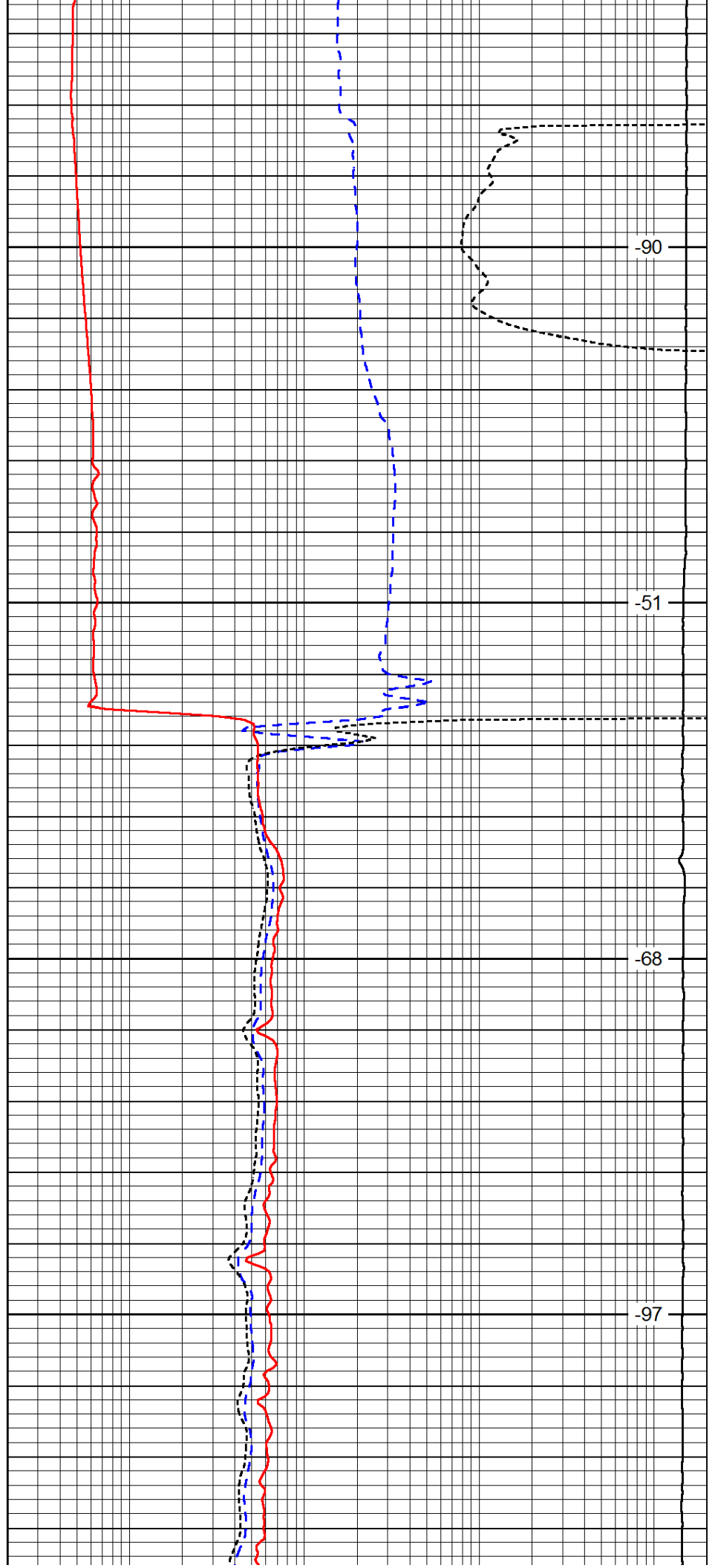


200

250

300

350

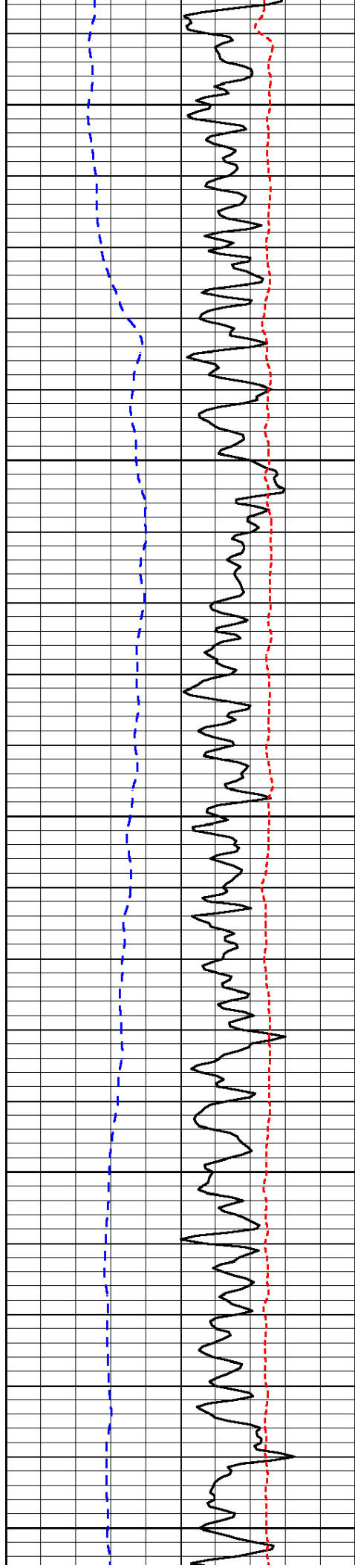


-90

-51

-68

-97



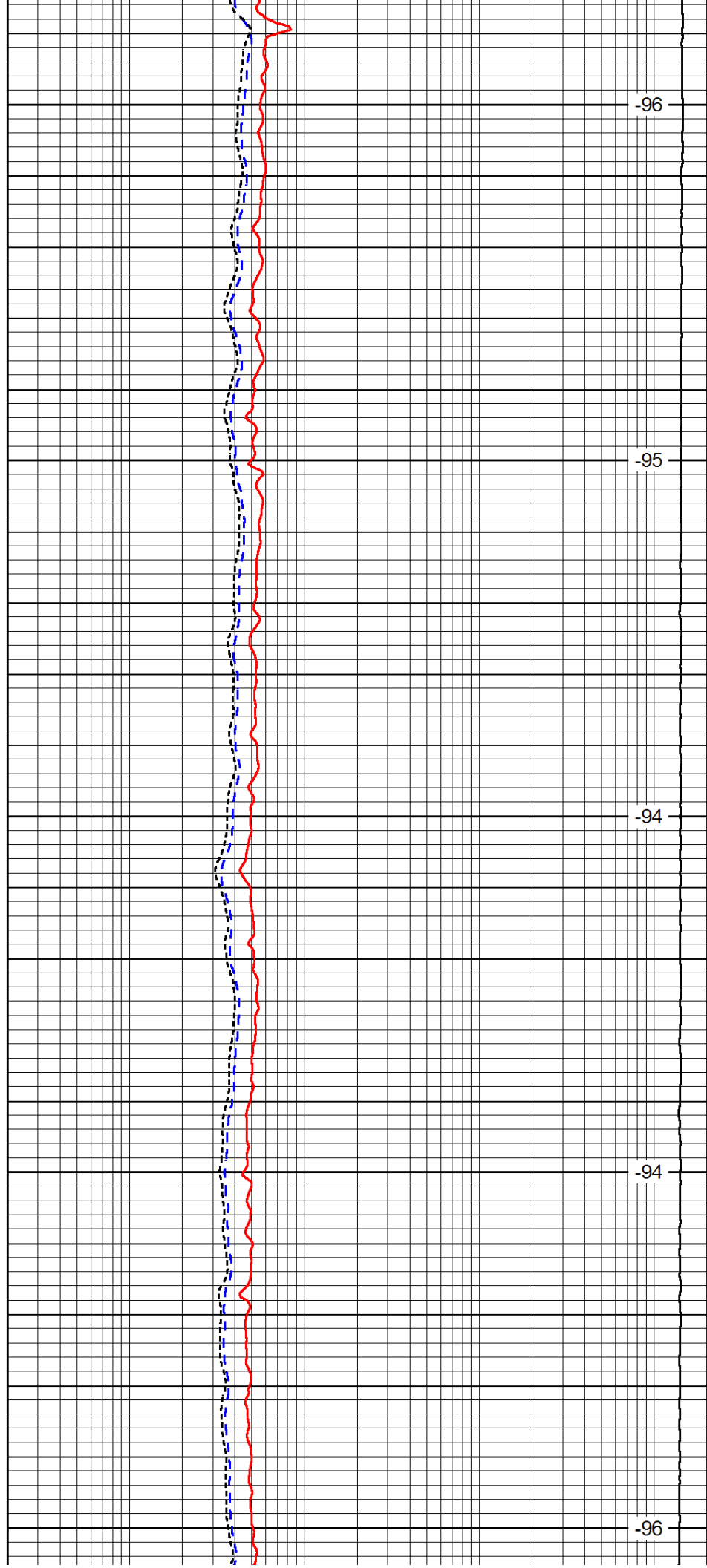
400

450

500

550

600



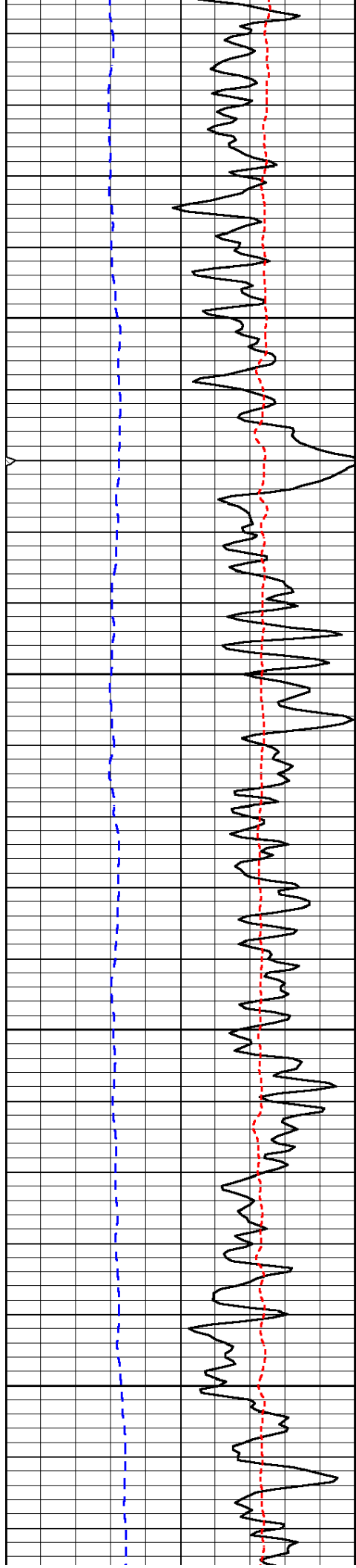
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-95

-94

-94

-96

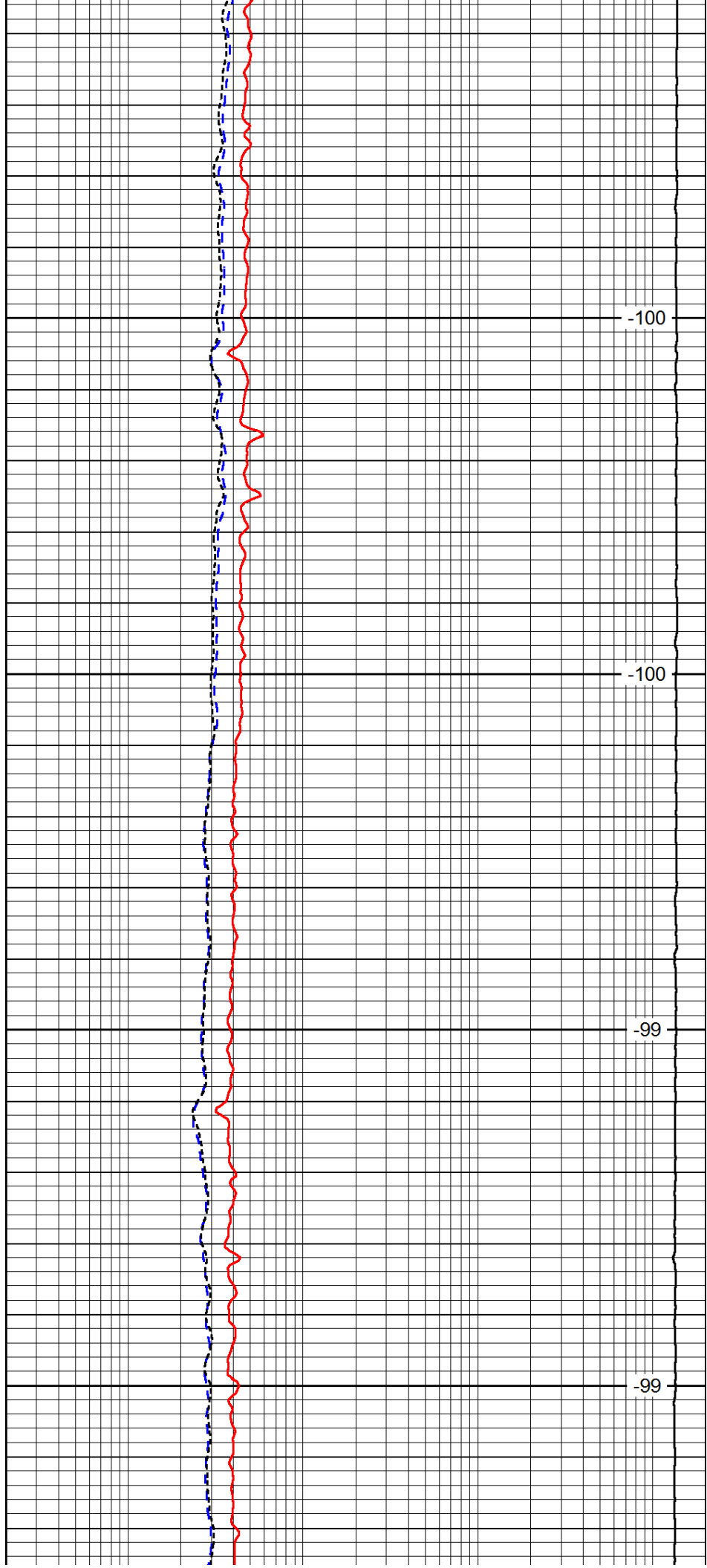


650

700

750

800

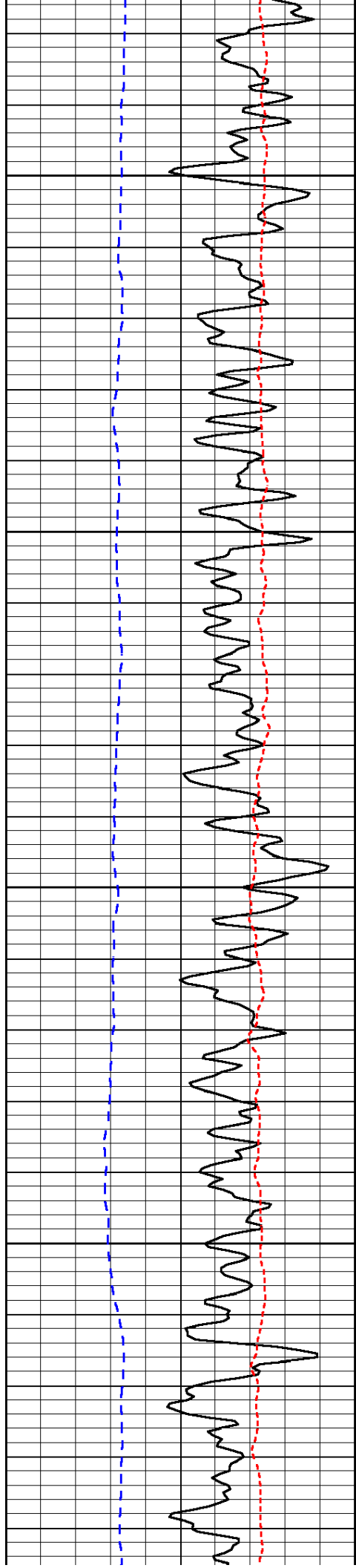


-100

-100

-99

-99

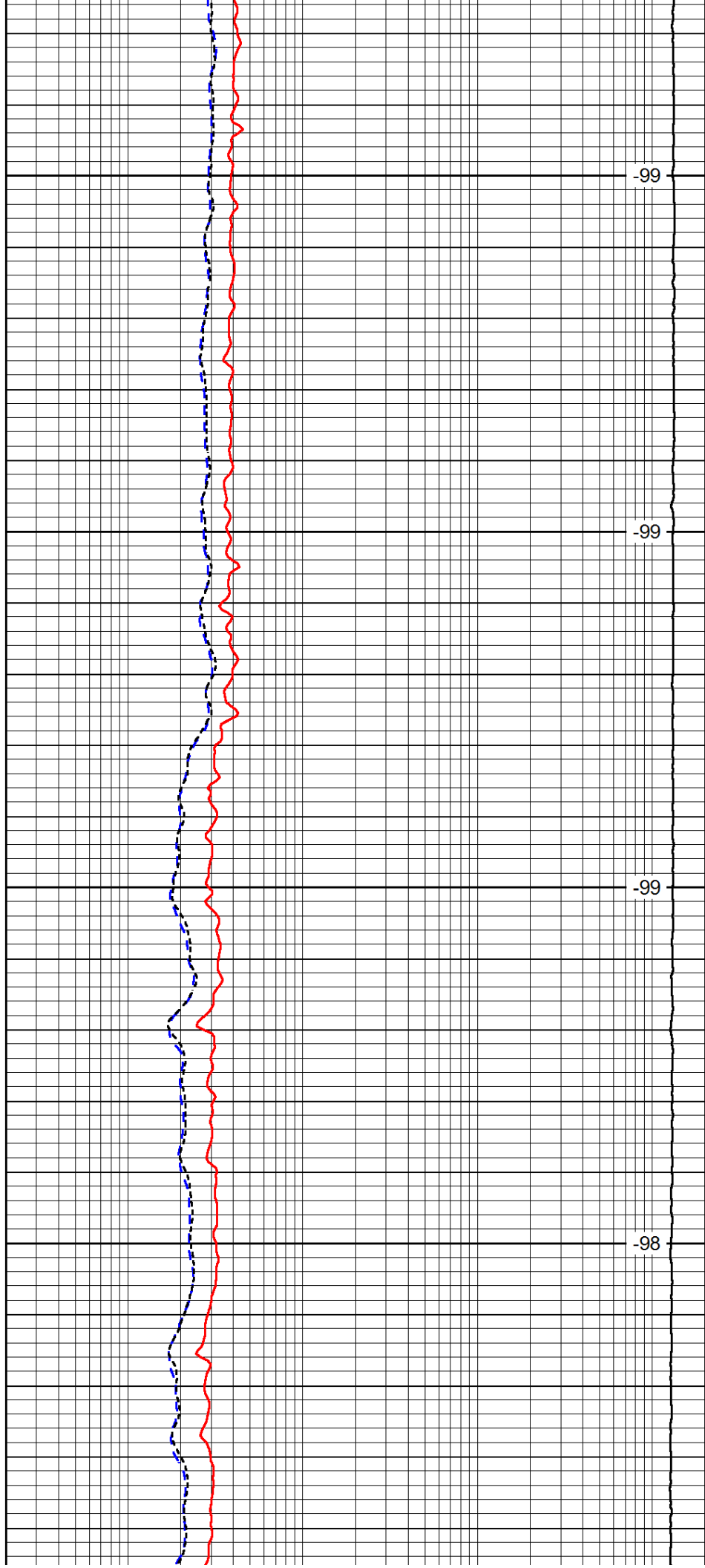


850

900

950

1000

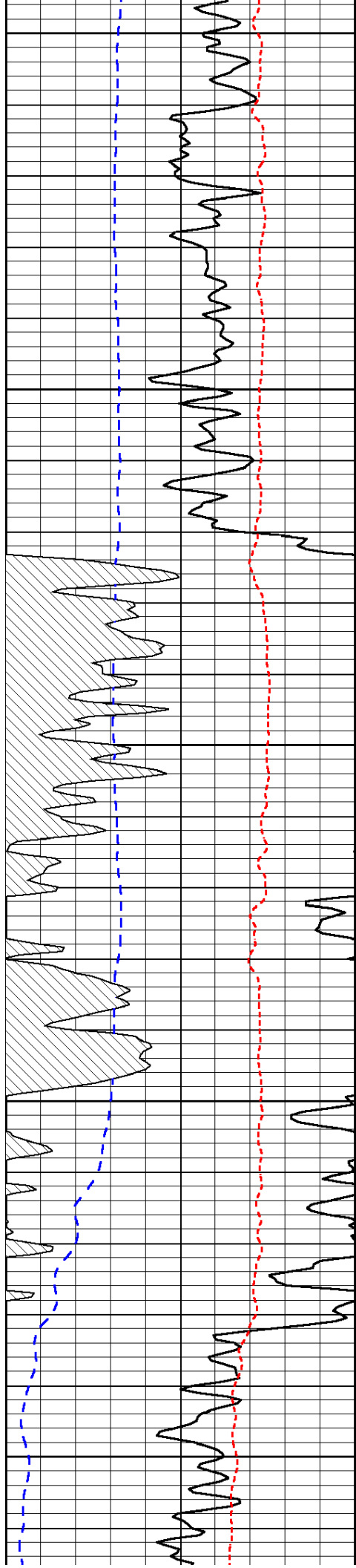


-99

-99

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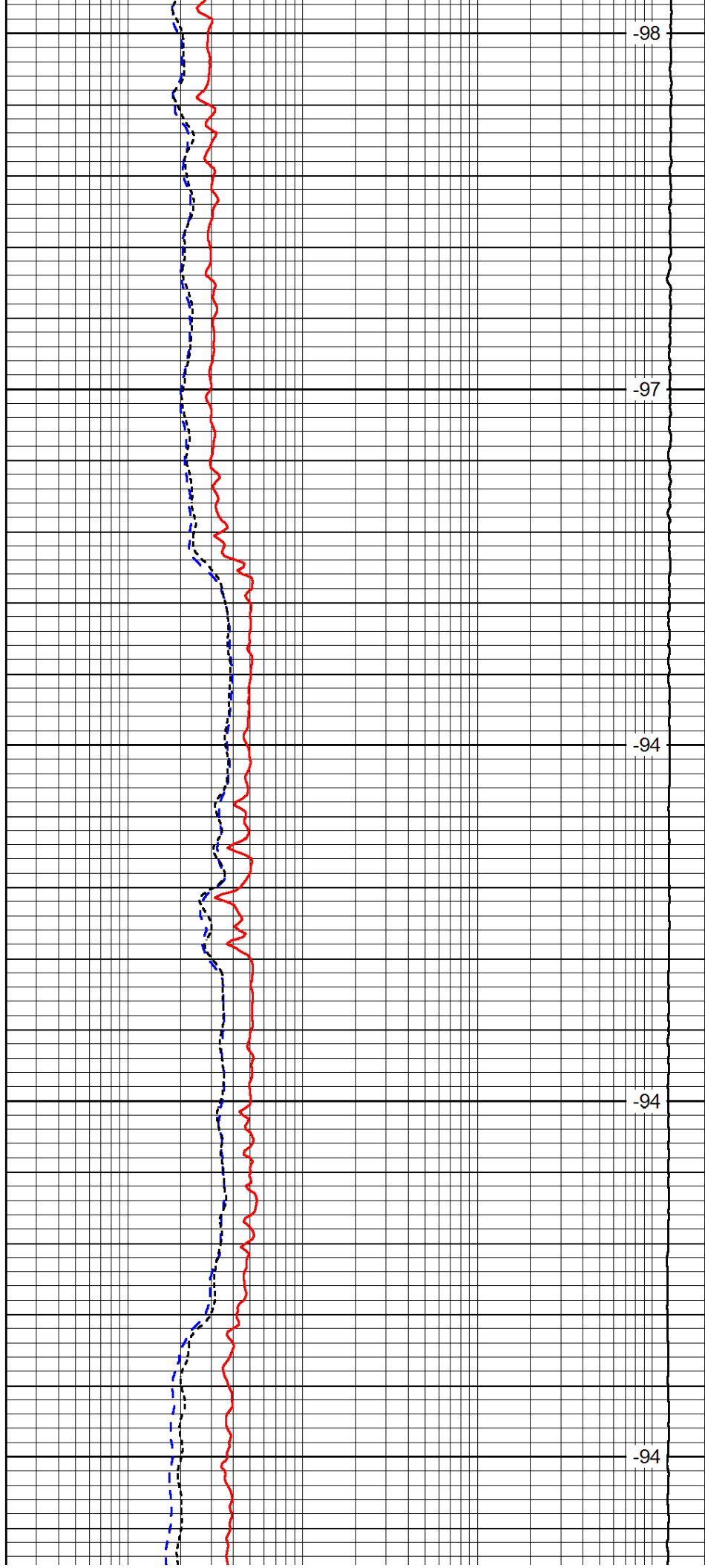
1050

1100

1150

1200

1250



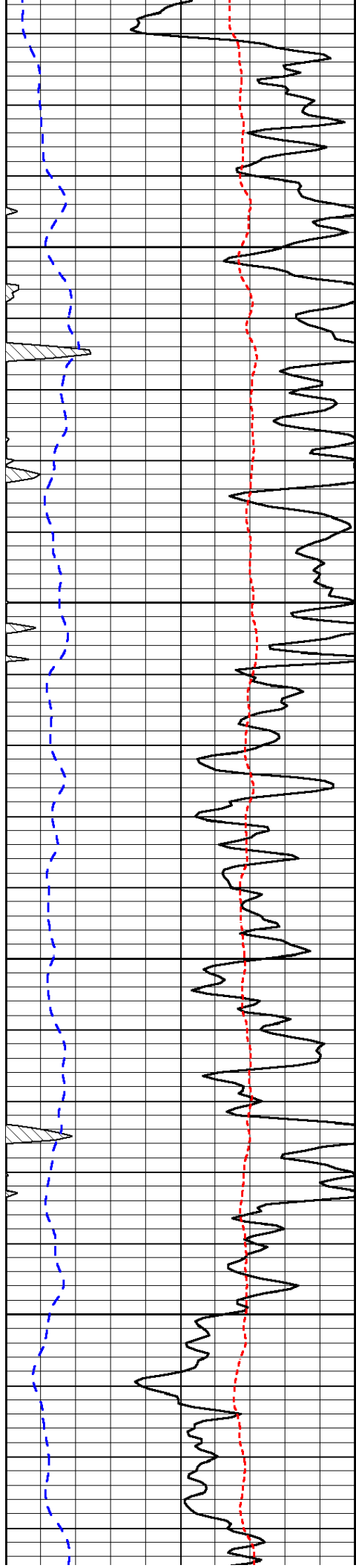
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-97

-94

-94

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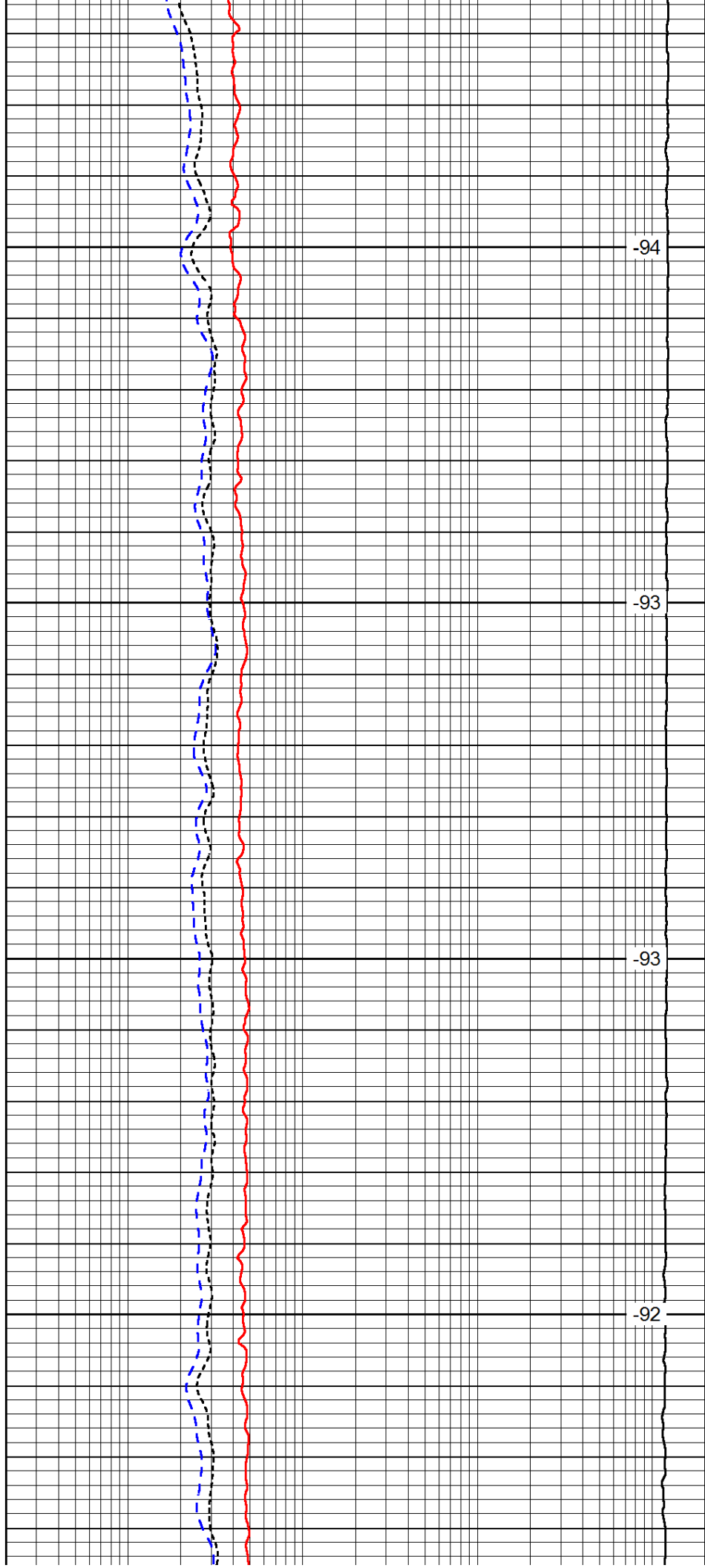


1300

1350

1400

1450

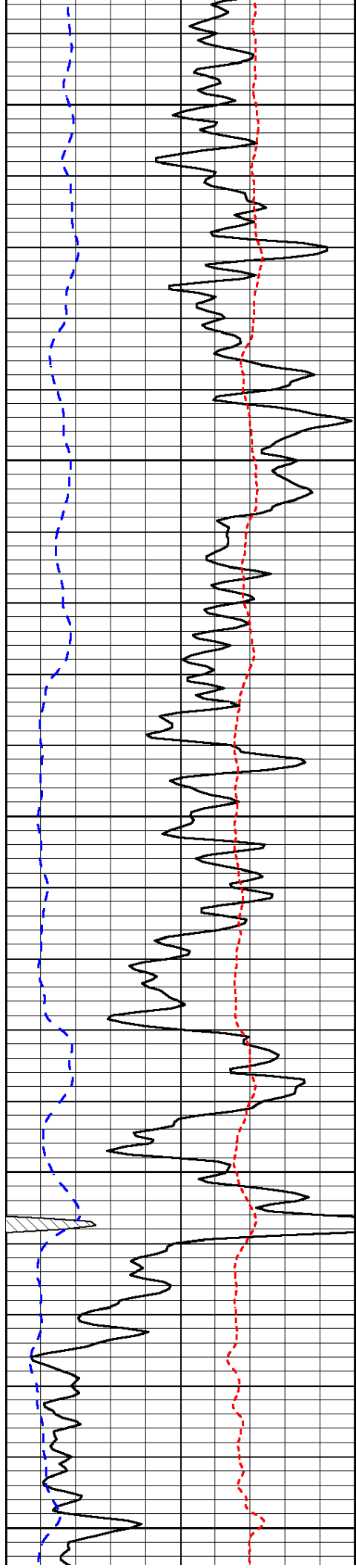


-94

-93

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-92



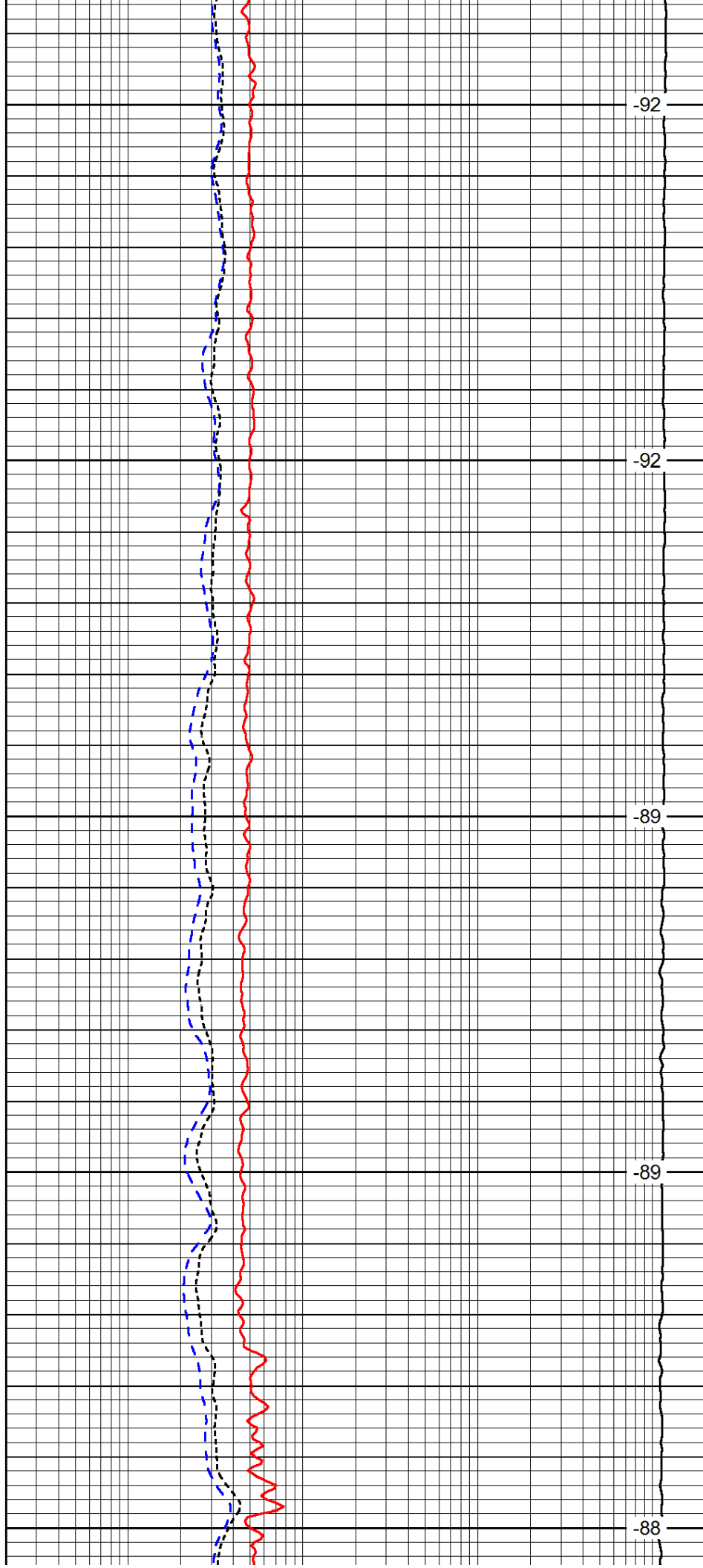
1500

1550

1600

1650

1700



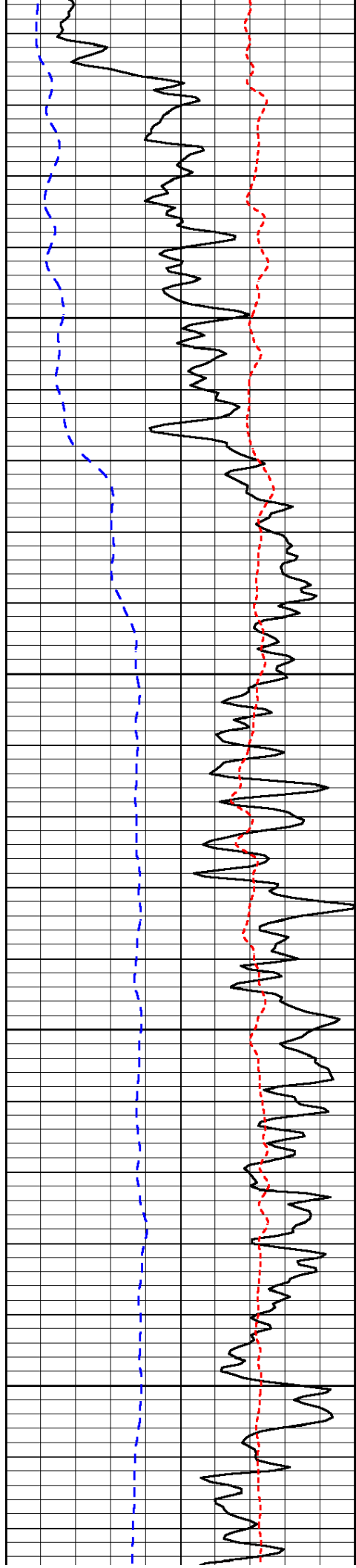
-92

-92

-89

-89

-88

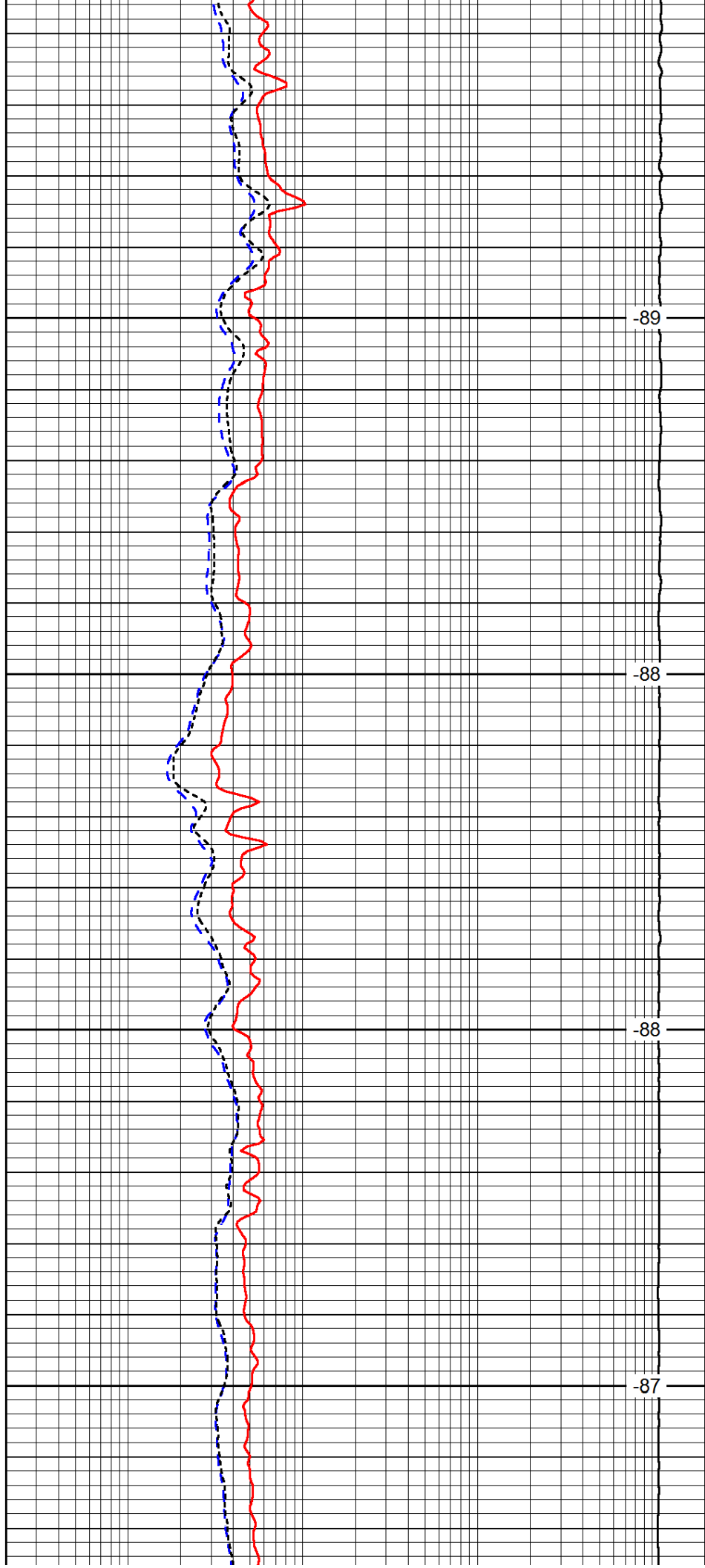


1750

1800

1850

1900

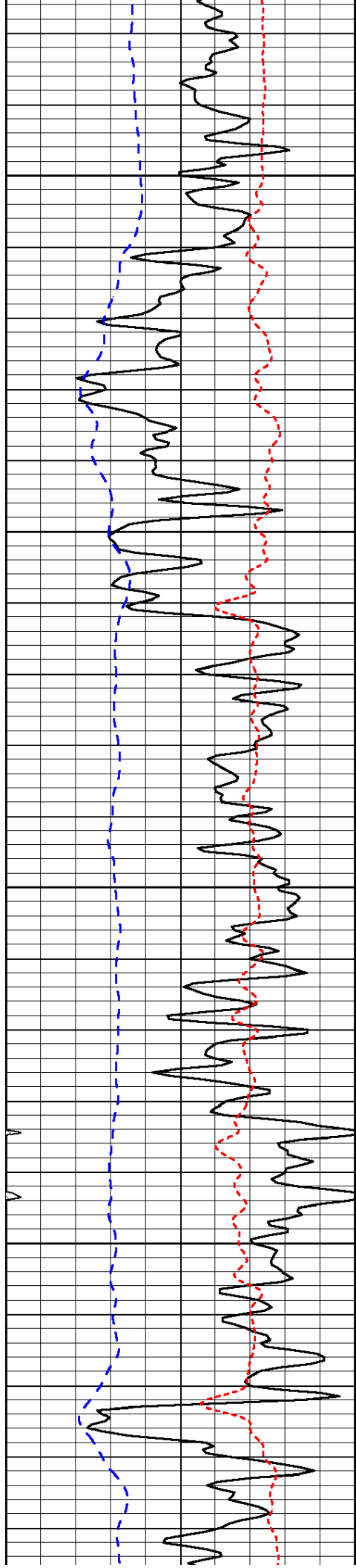


-89

-88

-88

-87

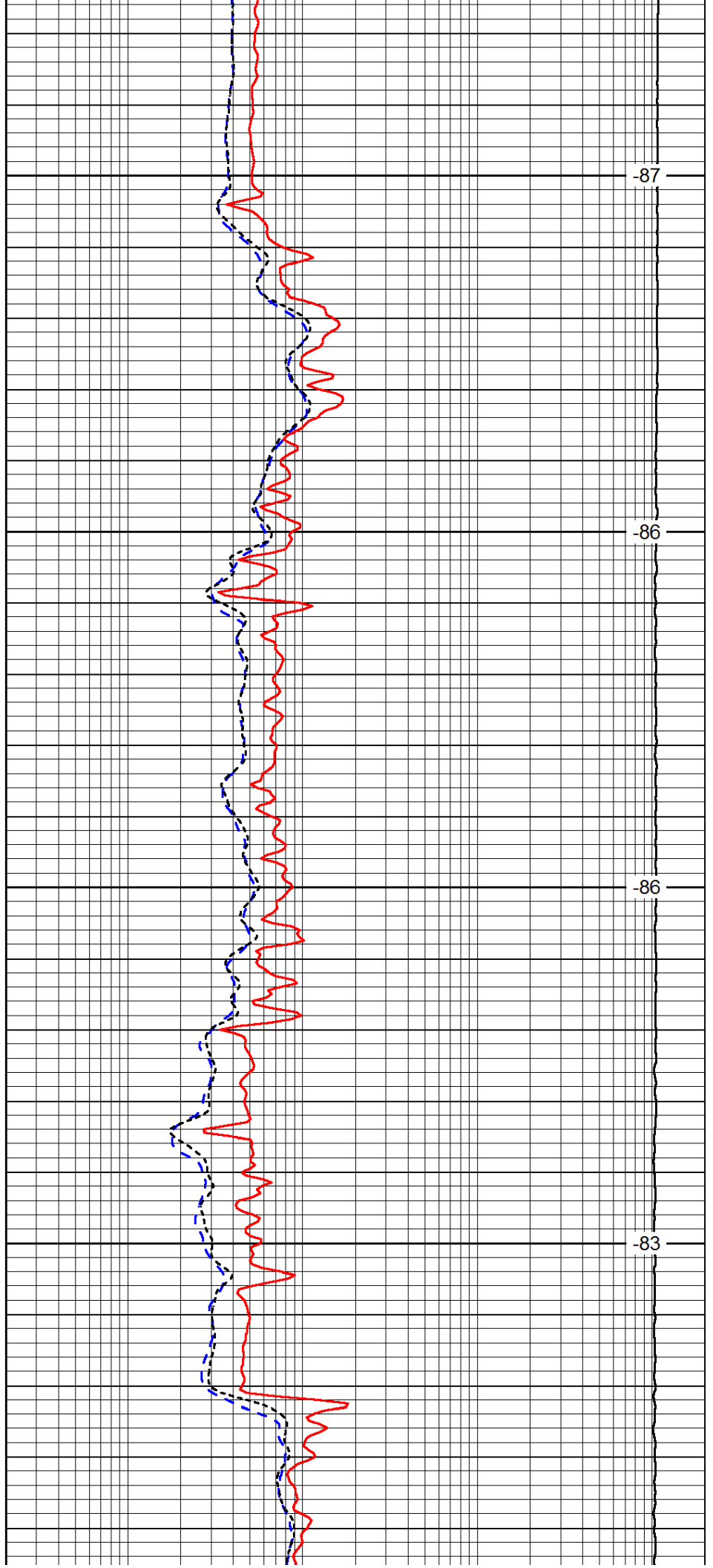


1950

2000

2050

2100

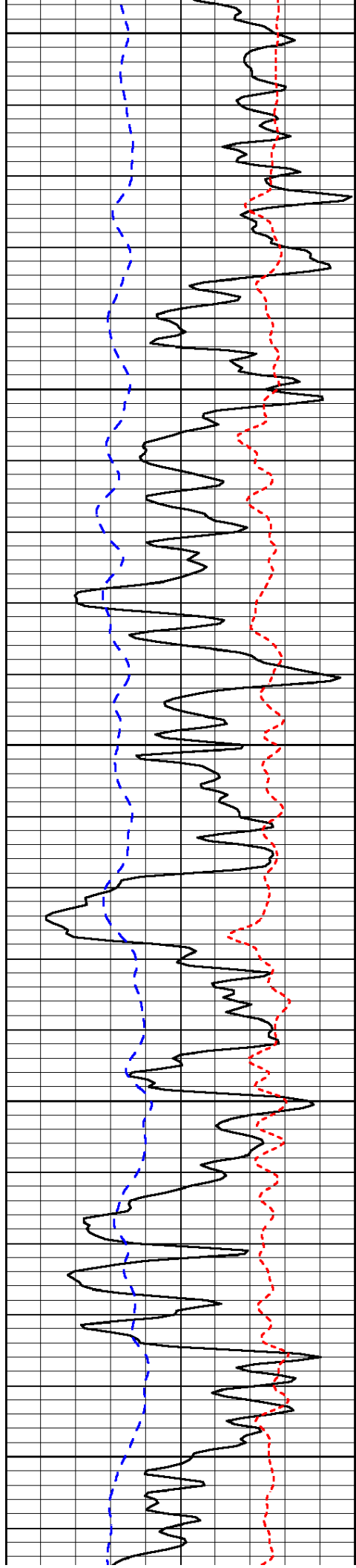


-87

-86

-86

-83



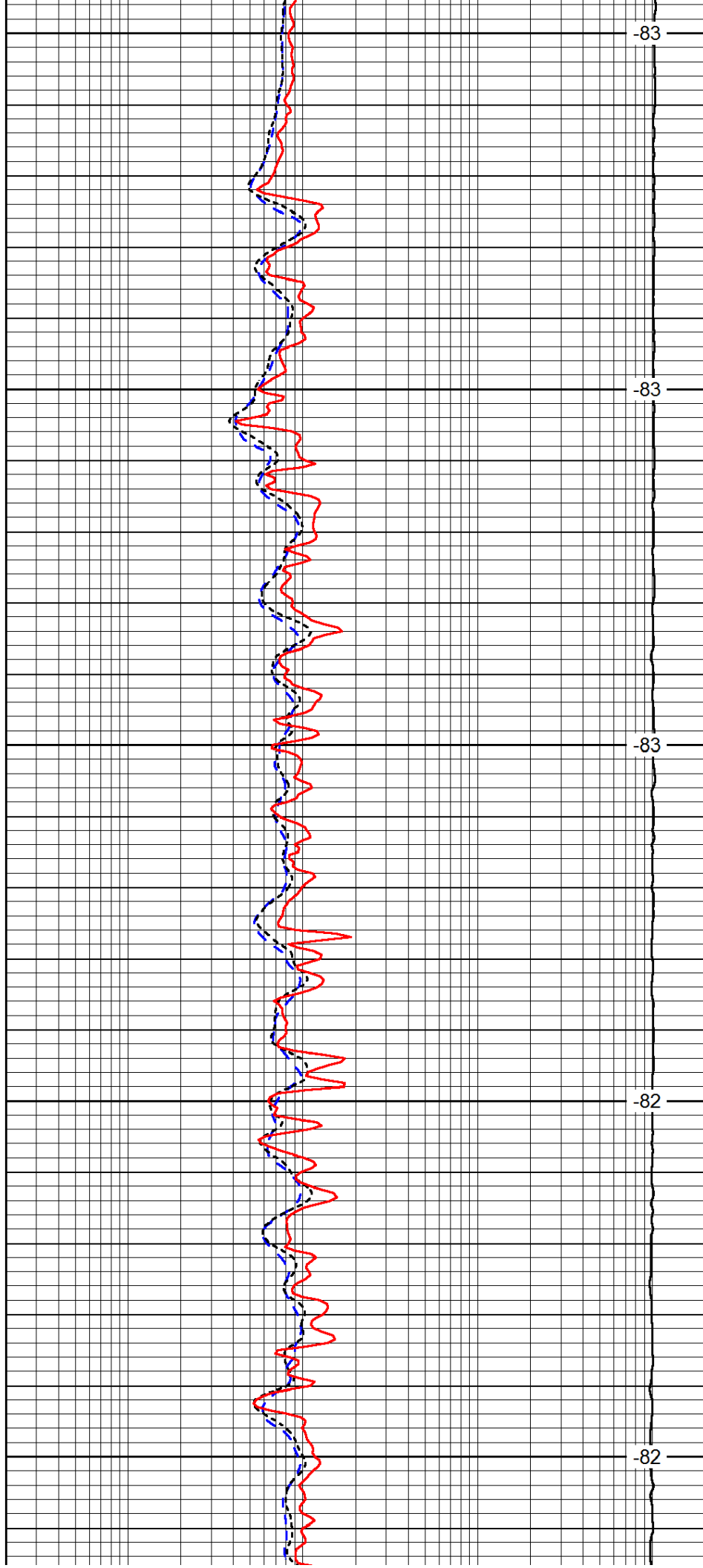
2150

2200

2250

2300

2350



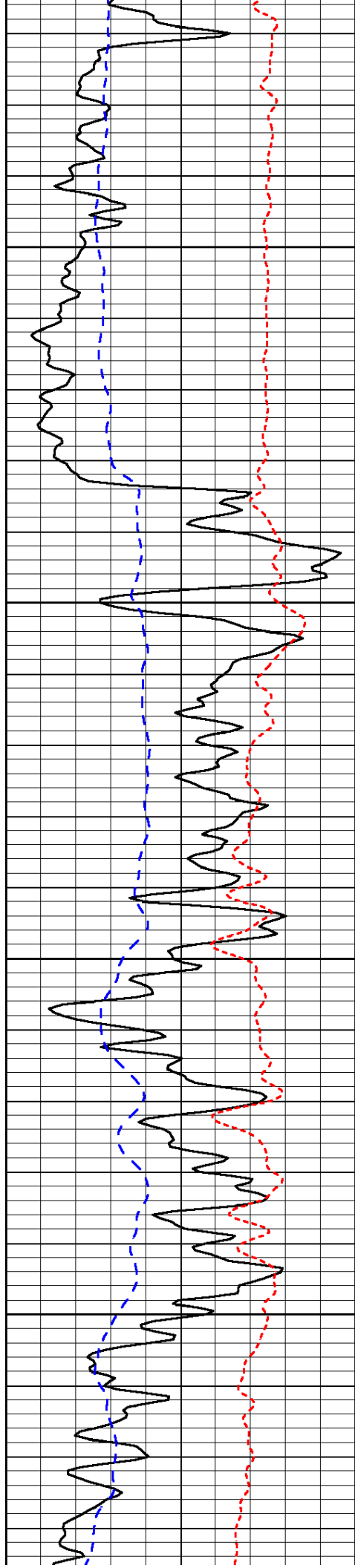
-83

-83

-83

-82

-82

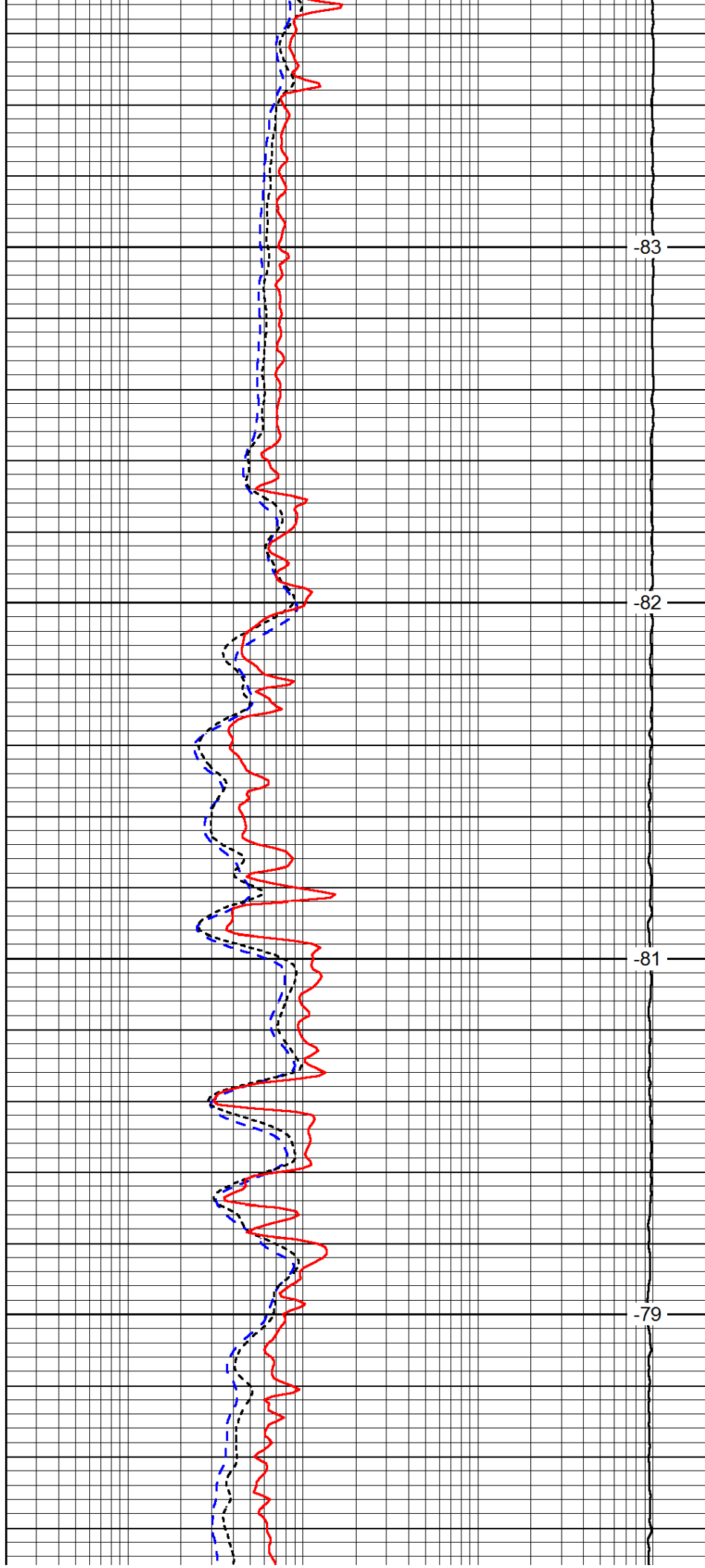


2400

2450

2500

2550

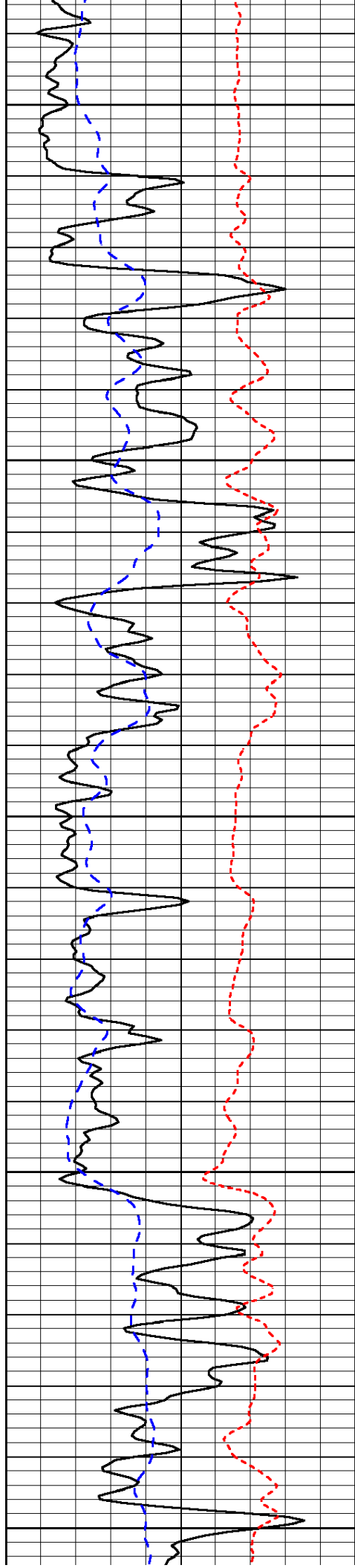


-83

-82

-81

-79



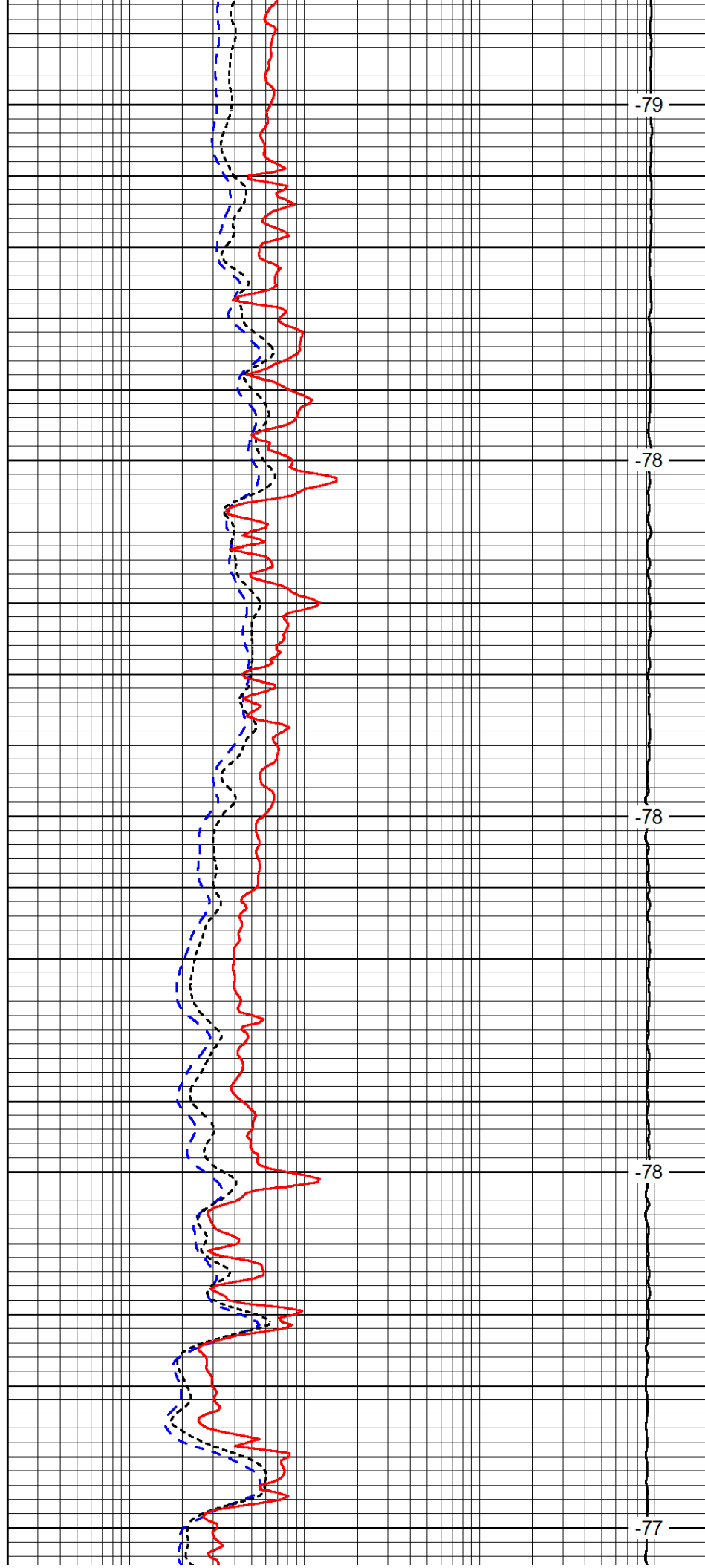
2600

2650

2700

2750

2800



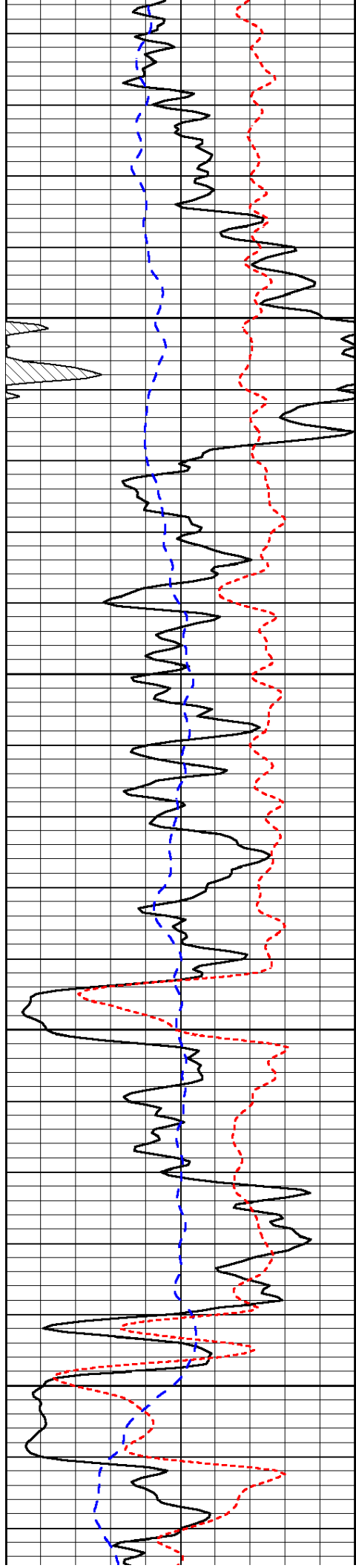
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-78

-78

-78

-77

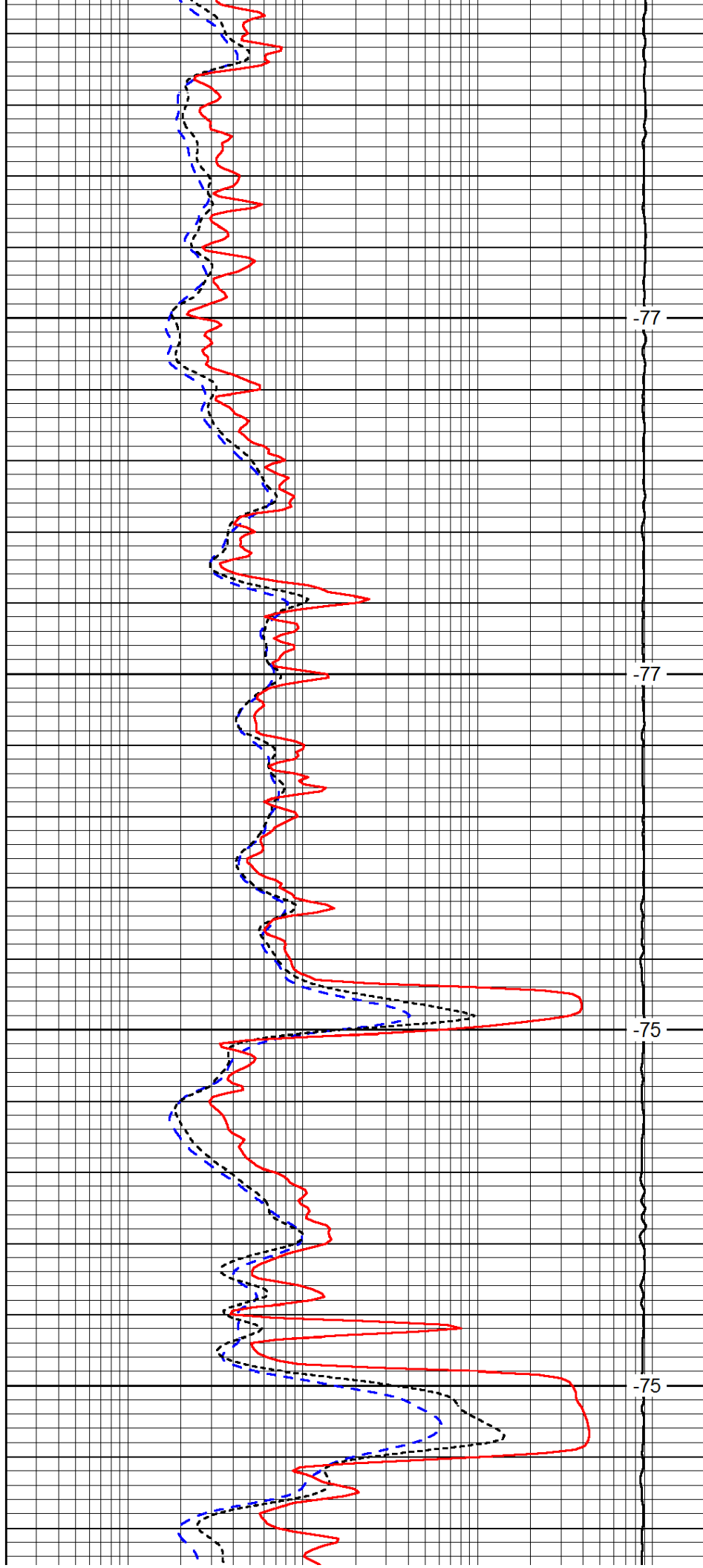


2850

2900

2950

3000

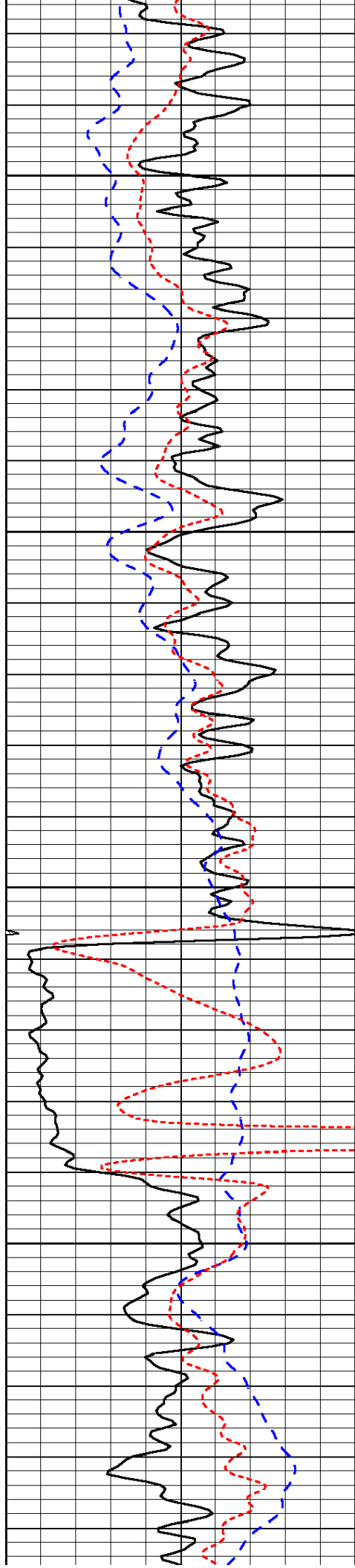


-77

-77

-75

-75

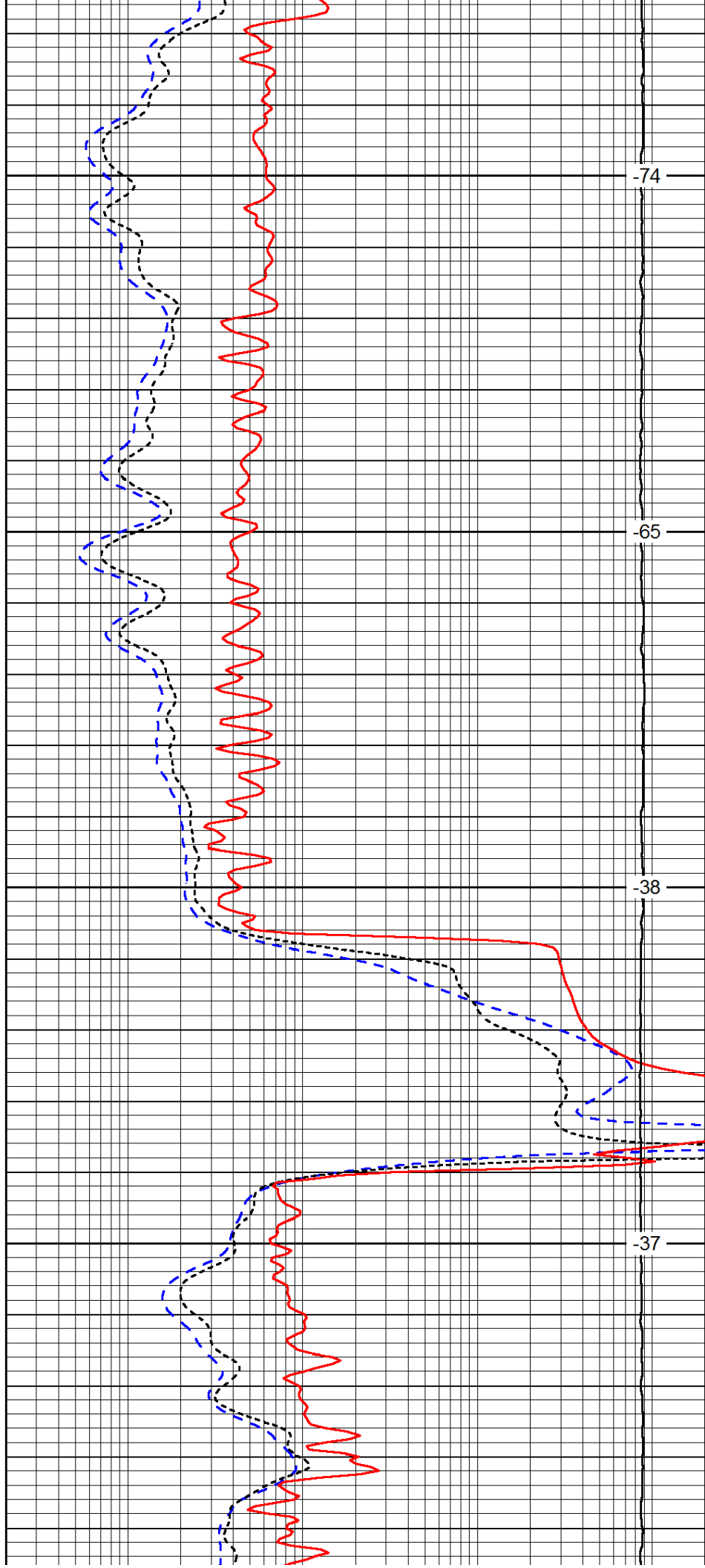


3050

3100

3150

3200

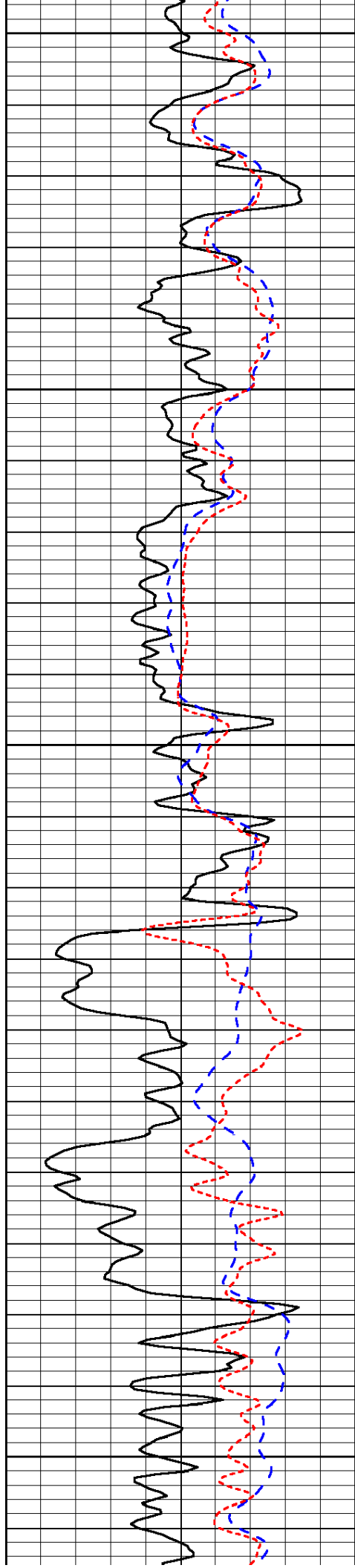


-74

-65

-38

-37



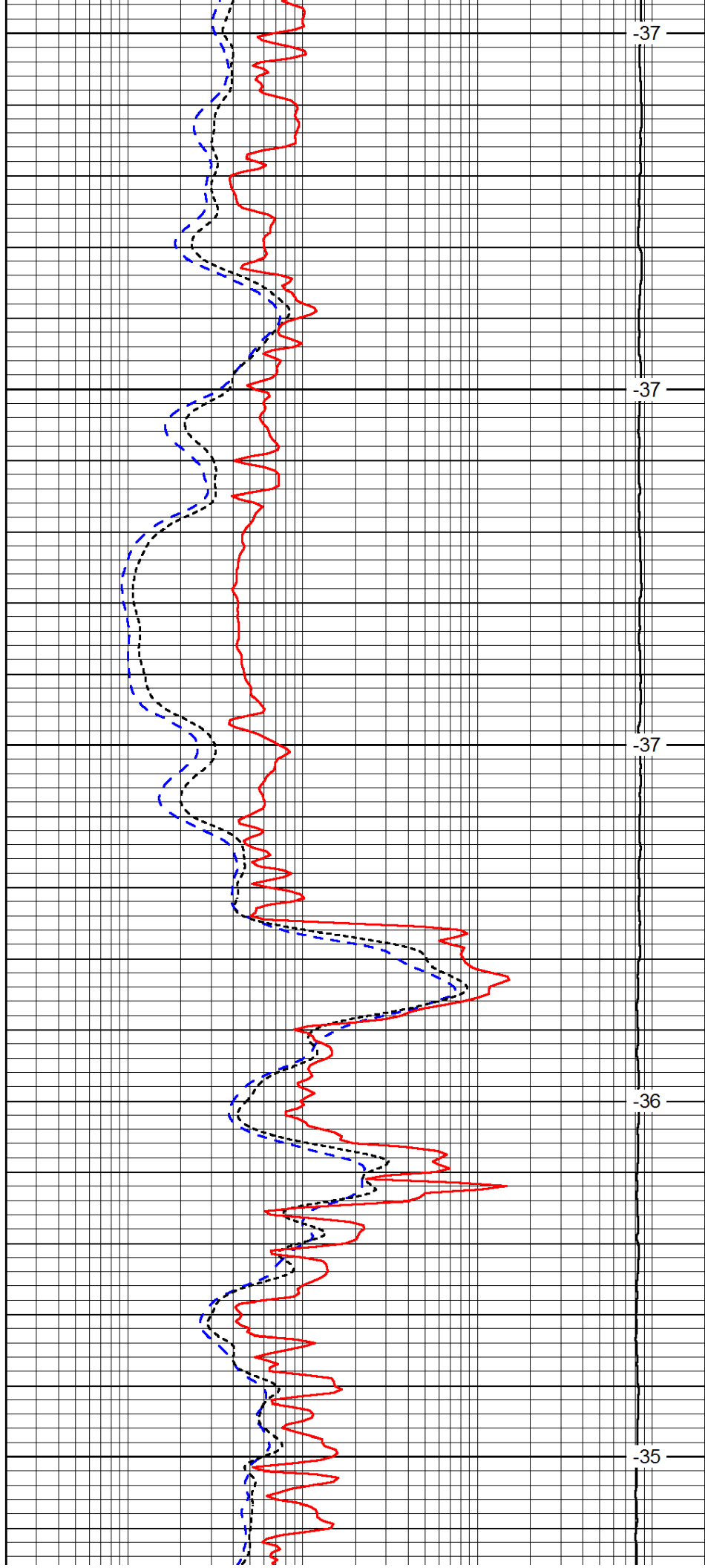
3250

3300

3350

3400

3450



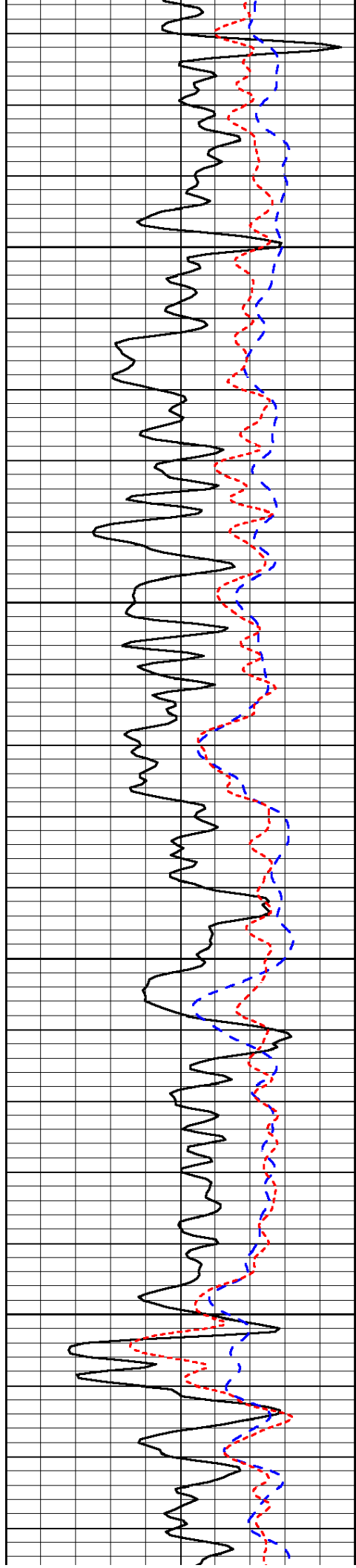
-37

-37

-37

-36

-35

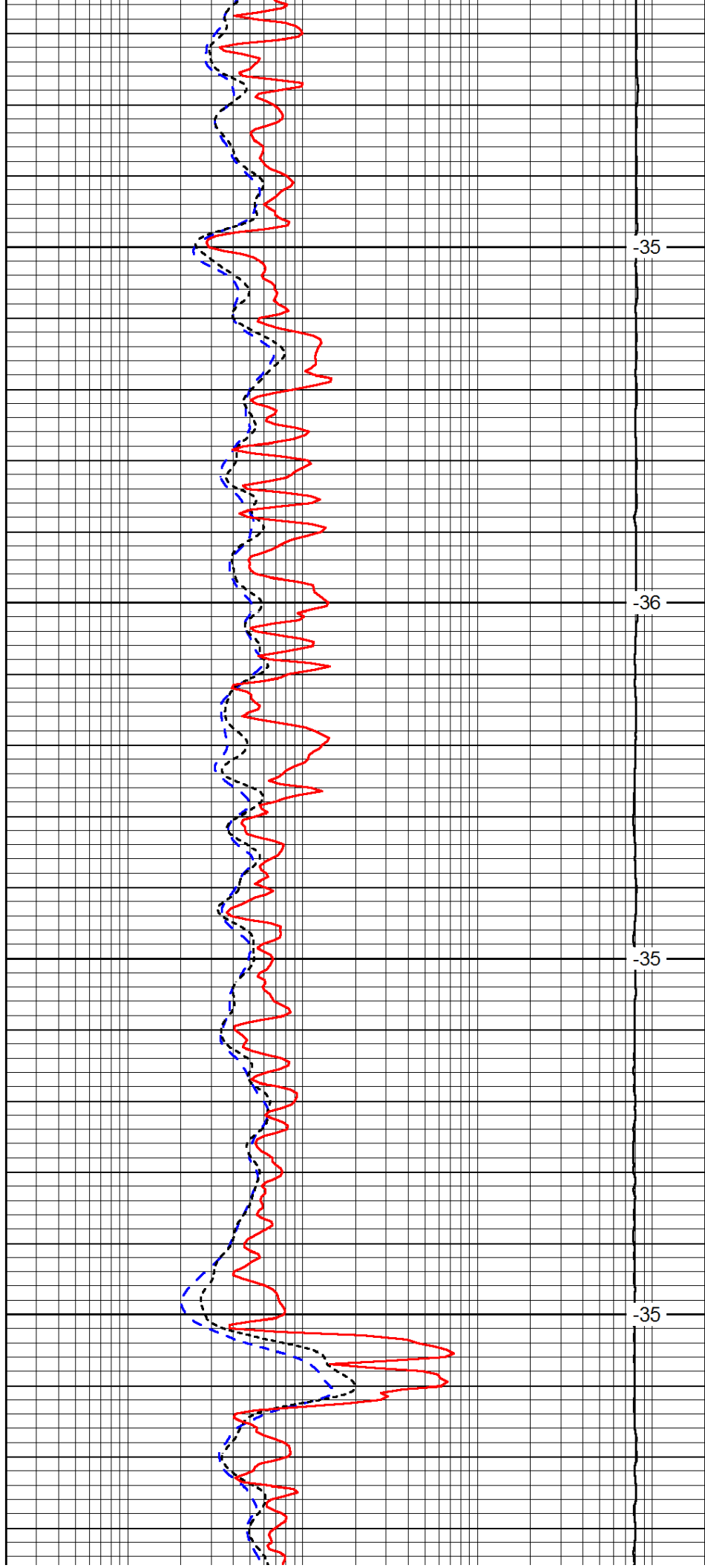


3500

3550

3600

3650

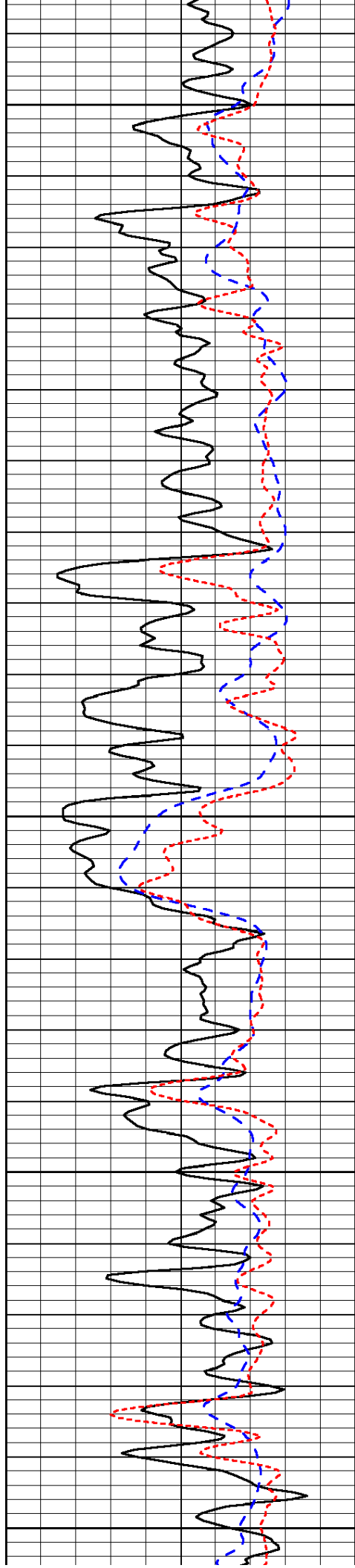


-35

-36

-35

-35



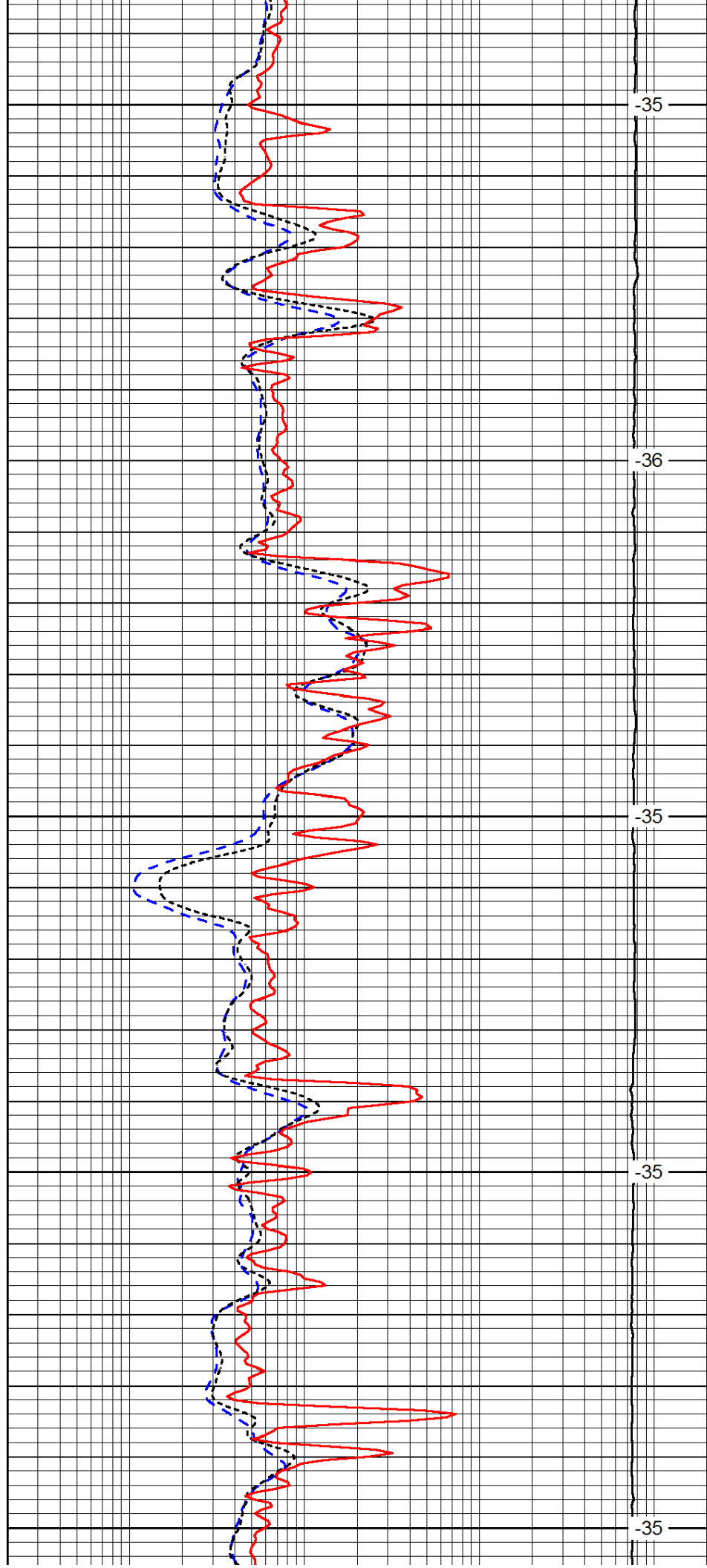
3700

3750

3800

3850

3900



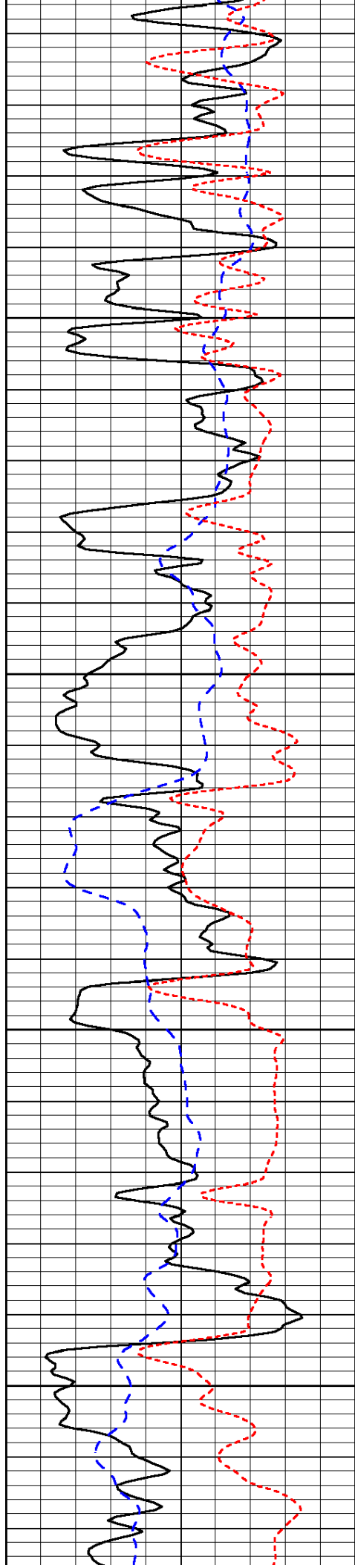
-35

-36

-35

-35

-35

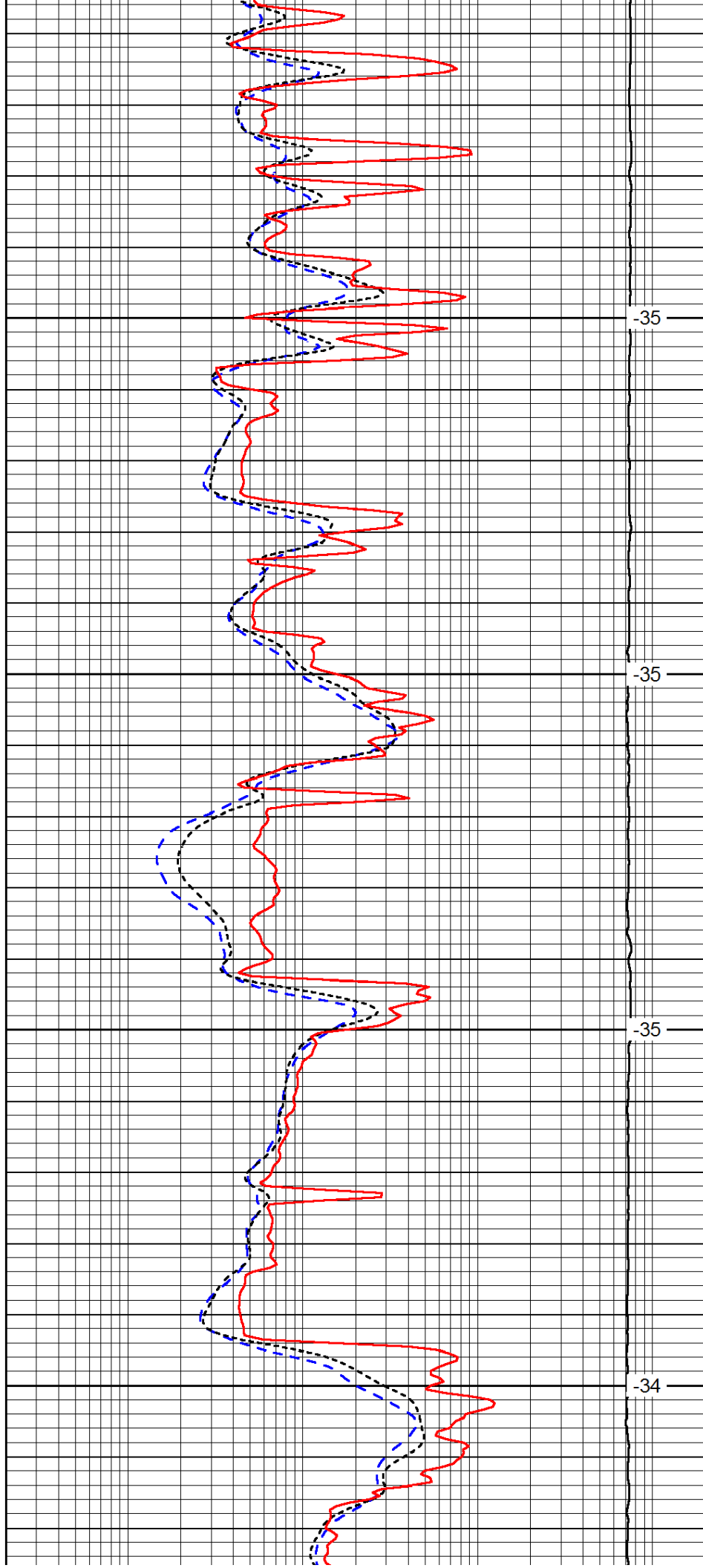


3950

4000

4050

4100

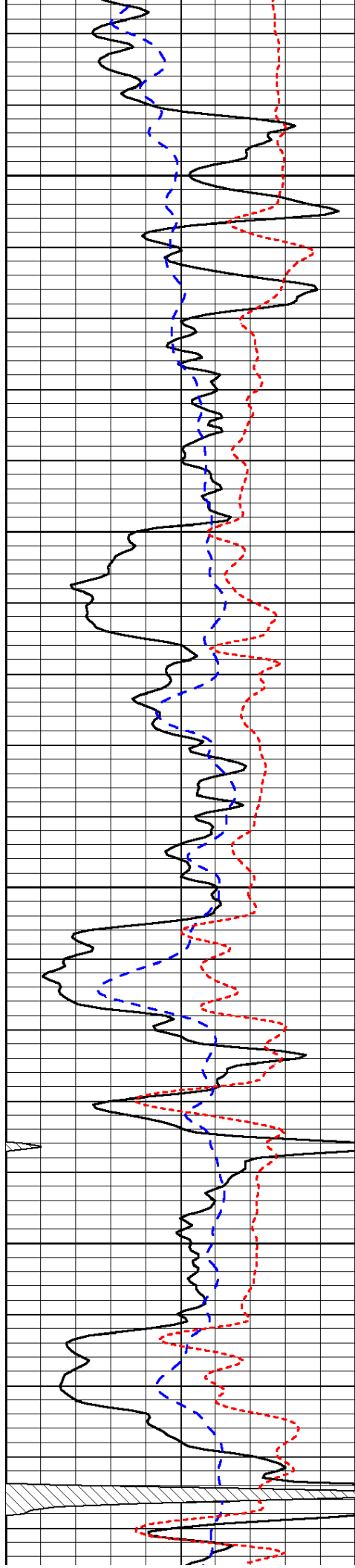


-35

-35

-35

-34

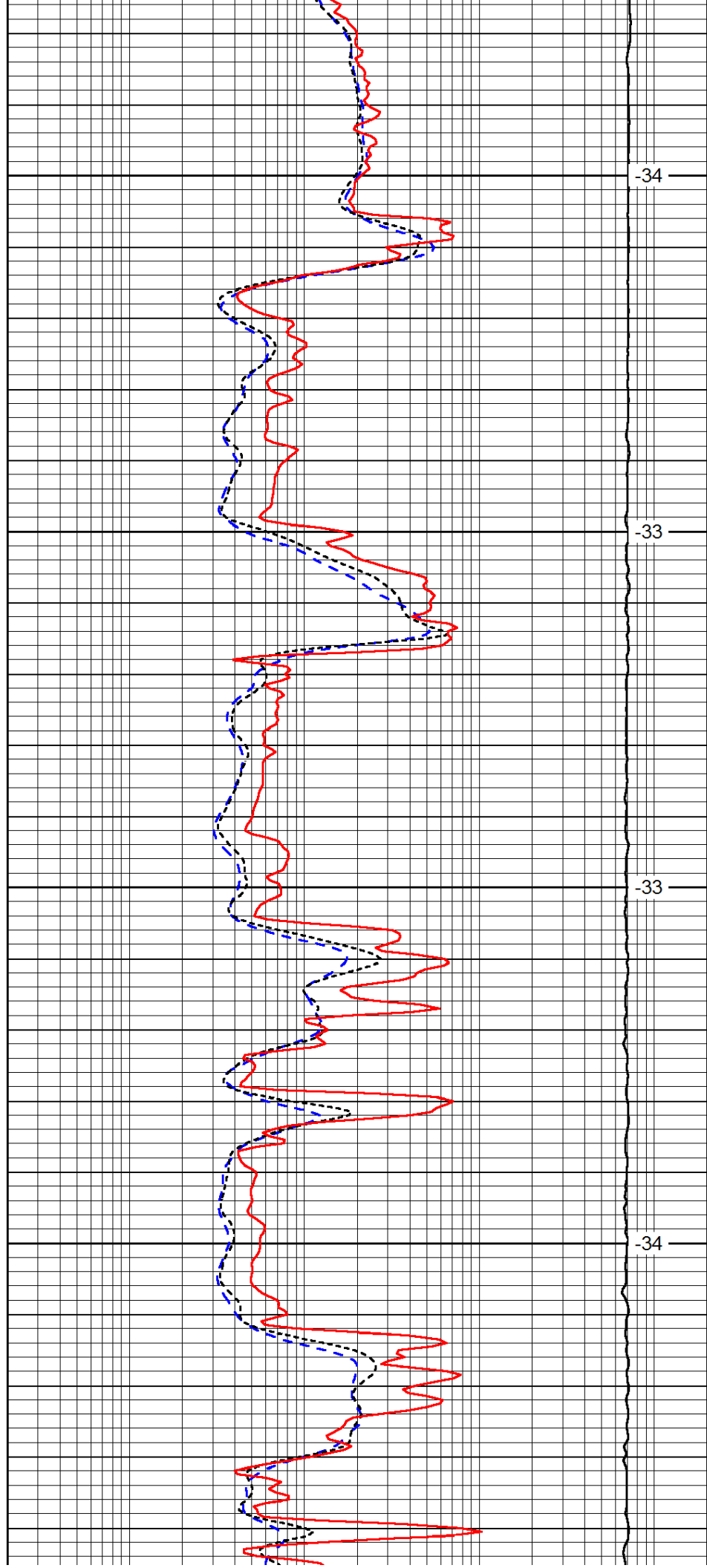


4150

4200

4250

4300

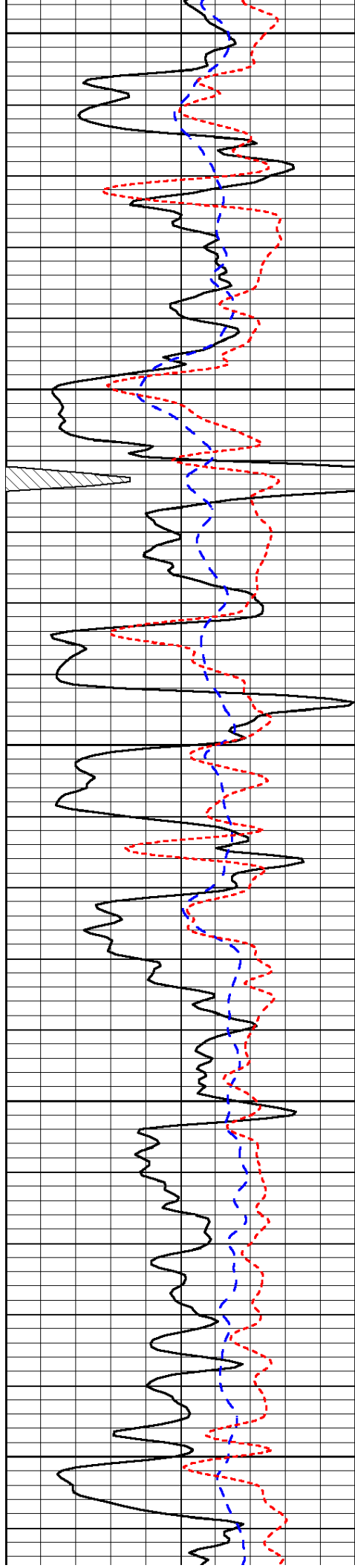


-34

-33

-33

-34



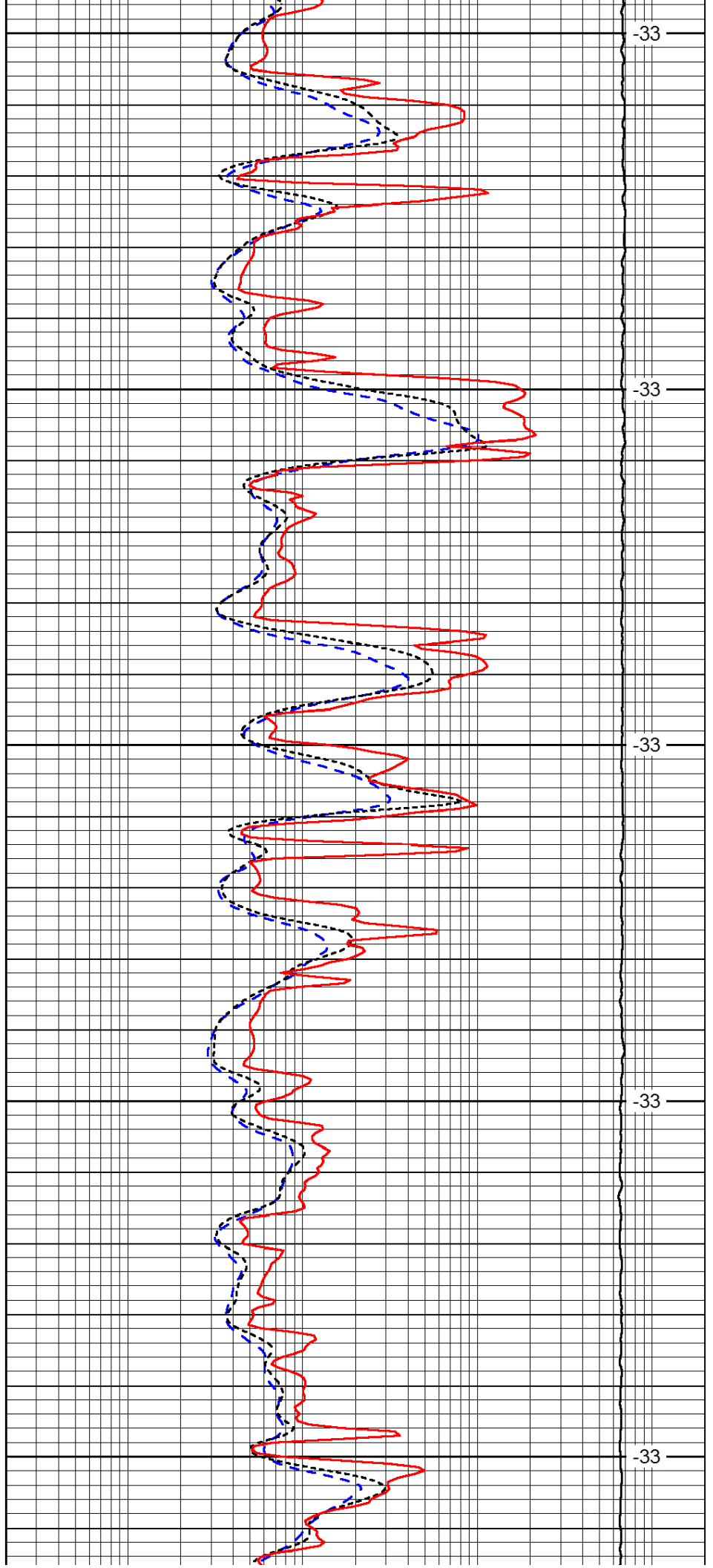
4350

4400

4450

4500

4550



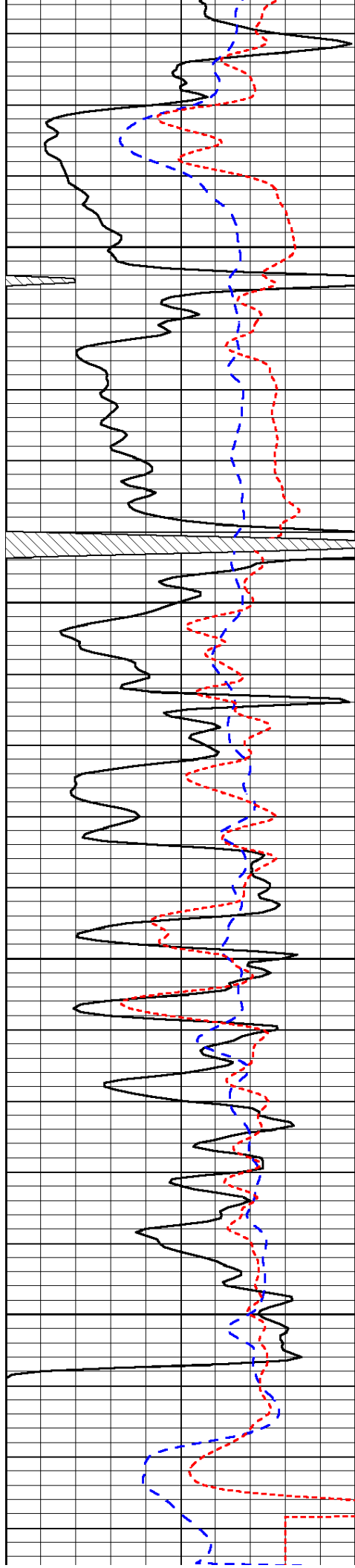
-33

-33

-33

-33

-33

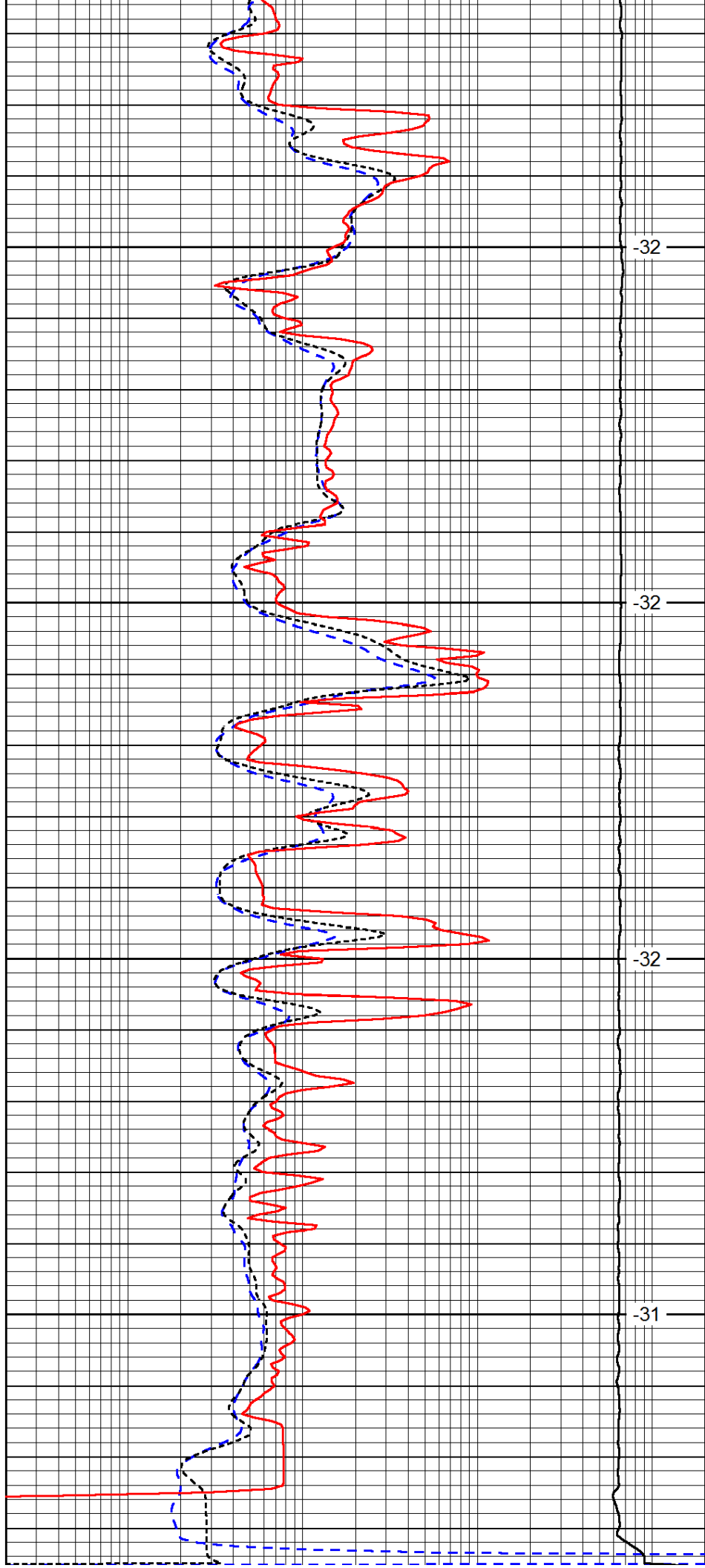


4600

4650

4700

4750



-32

-32

-32

-31

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD