

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

15-163-23807-00-00

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

Well **Rouback No. 1-26**

Field **Wildcat**

County **Rooks**

State

Kansas

Location

990' FSL & 2170' FEL

Other Services
CNL/CDL
MEL/BHCS

Sec: **26**

Twp: **10 S**

Rge: **18 W**

Elevation

Permanent Datum **Ground Level** Elevation **2097**
Log Measured From **Kelly Bushing** **5** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 2102
D.F. 2097
G.L. 2097

Date

7/5/09

Run Number

One

Depth Driller

3778

Depth Logger

3759

Bottom Logged Interval

3758

Top Log Interval

00

Casing Driller

8.625 @ 220

Casing Logger

218

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7.900

Density / Viscosity

9.1 **53**

pH / Fluid Loss

10.5 **8.7**

Source of Sample

Flowline

Rm @ Meas. Temp

.73 @ 80

Rmf @ Meas. Temp

.55 @ 80

Rmc @ Meas. Temp

.99 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

.51 @ 116

Operating Rig Time

6 Hours

Max Rec. Temp. F

116

Equipment Number

4

Location

Hays

Recorded By

K. Bange

Witnessed By

Rocky Milford

<<< 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

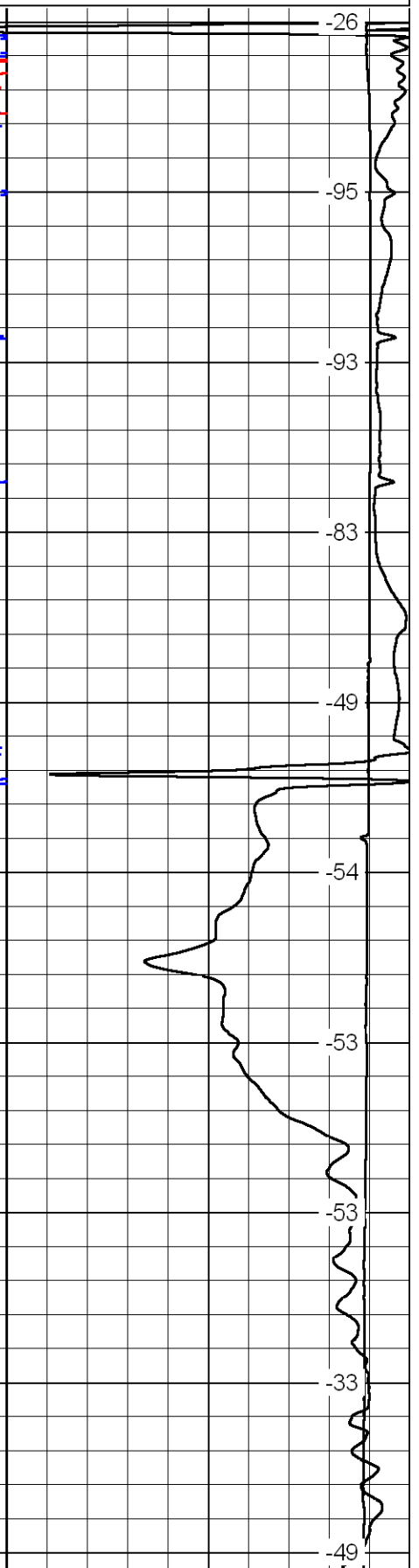
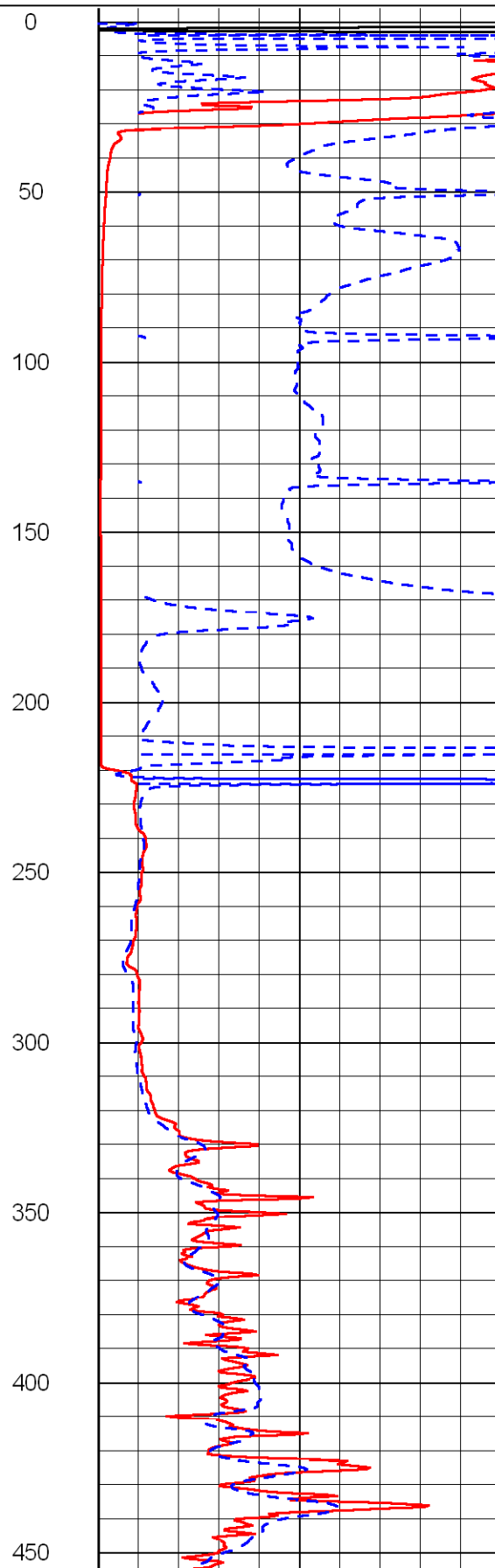
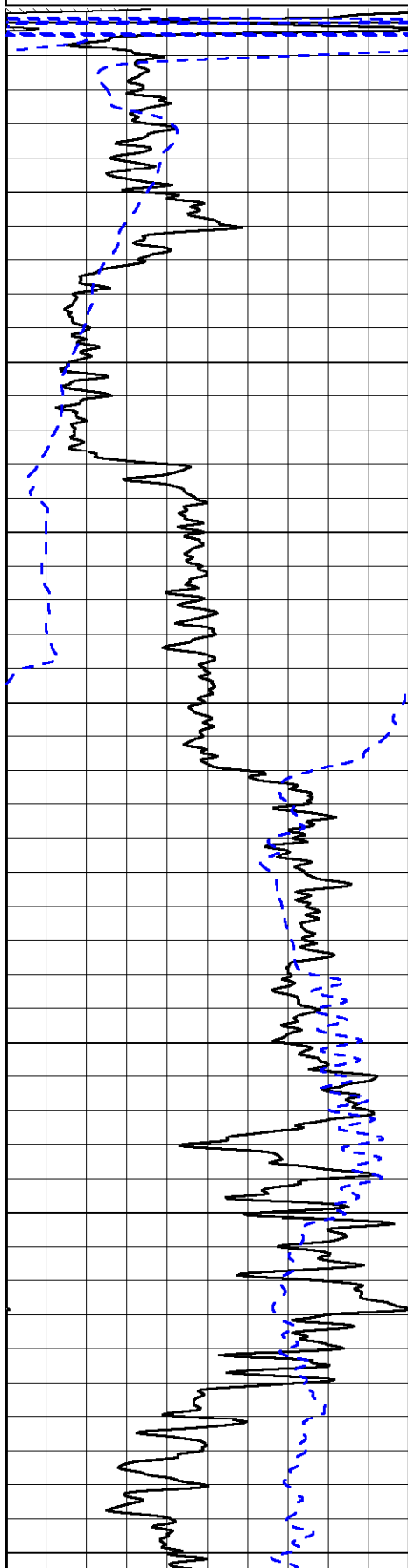
I-70 & 183 Hwy, 17 1/2 N, E through pasture gate, E and S to rig

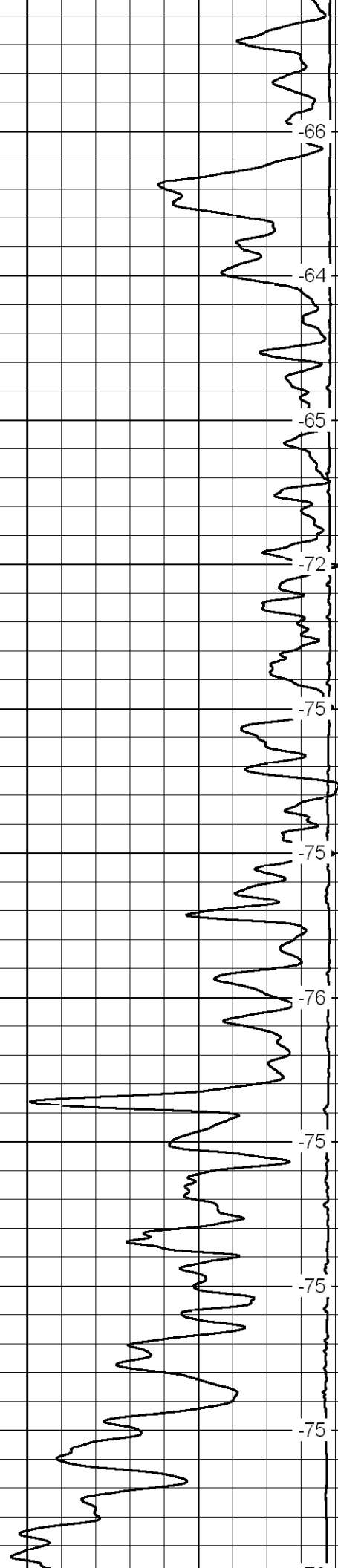
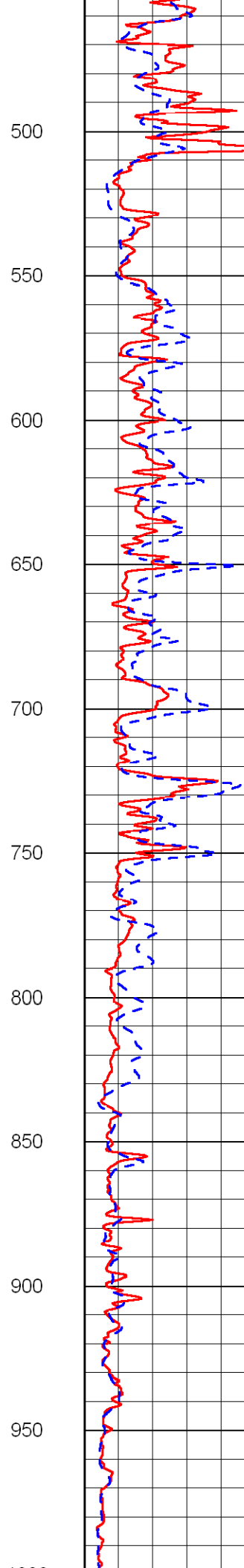
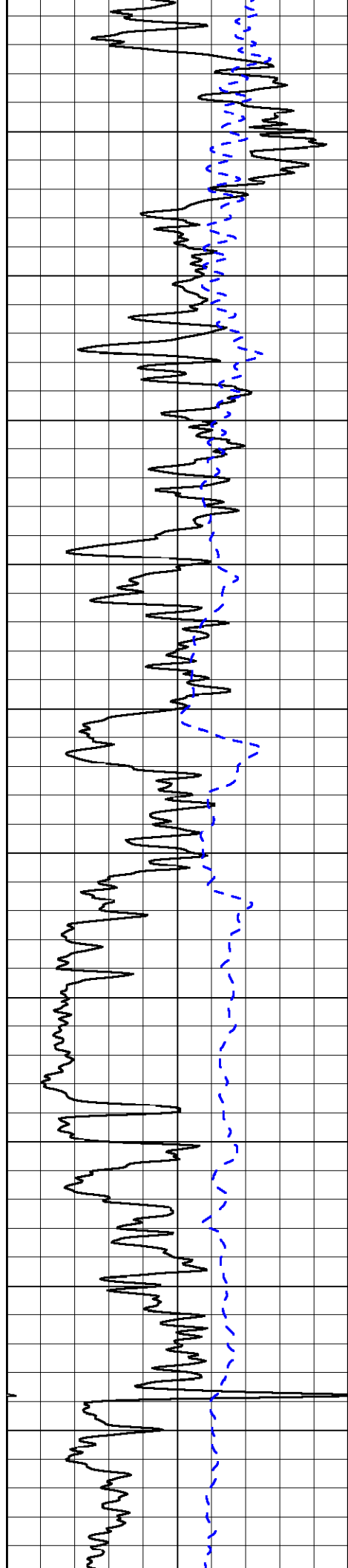
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Presentation Format: dil2in
Dataset Creation: Mon Jul 06 02:36:03 2009
Charted by: Depth in Feet scaled 1:600

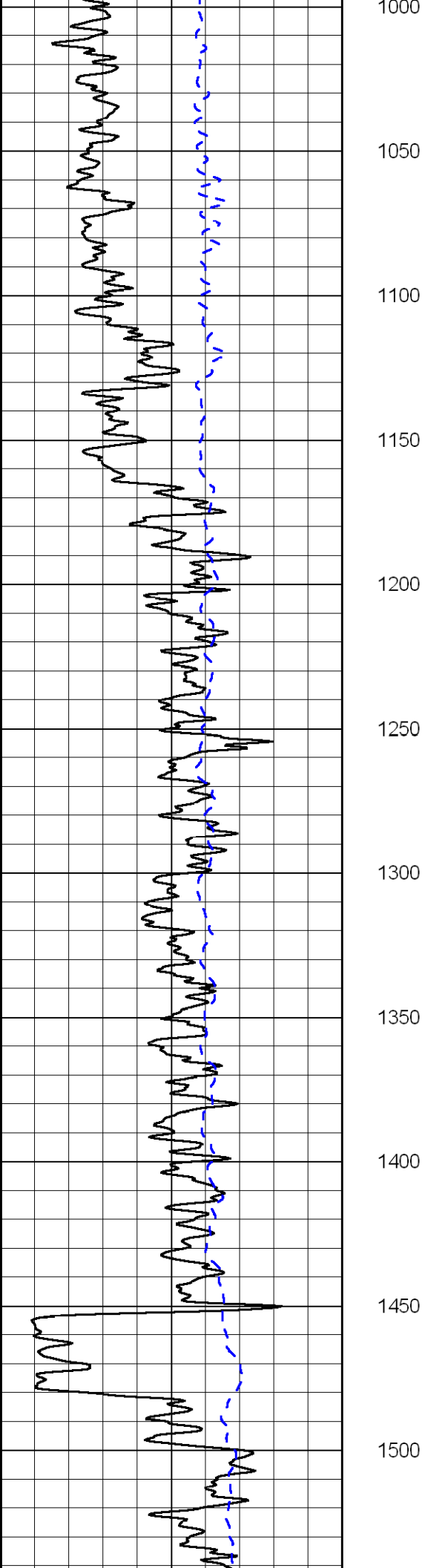
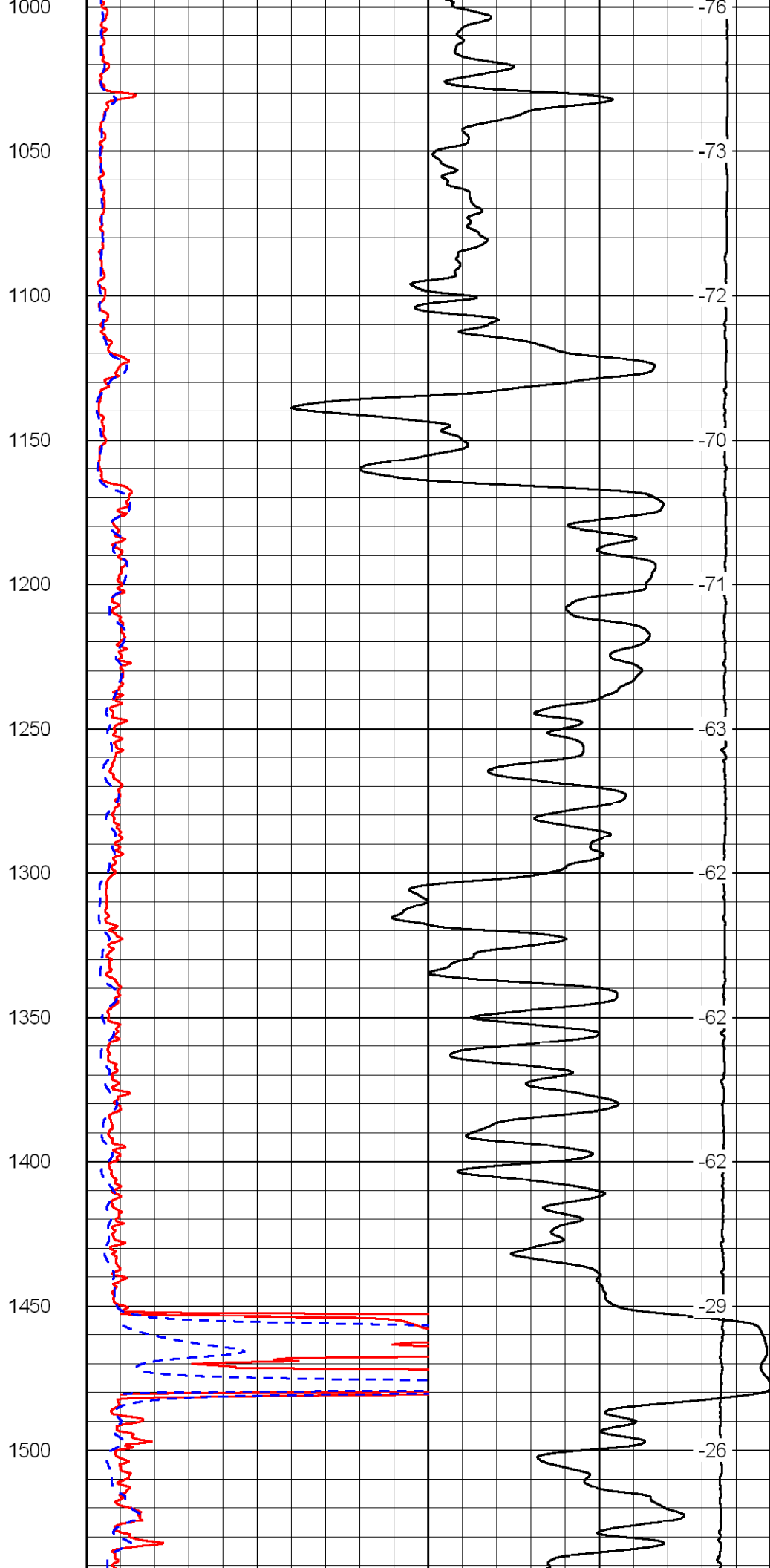
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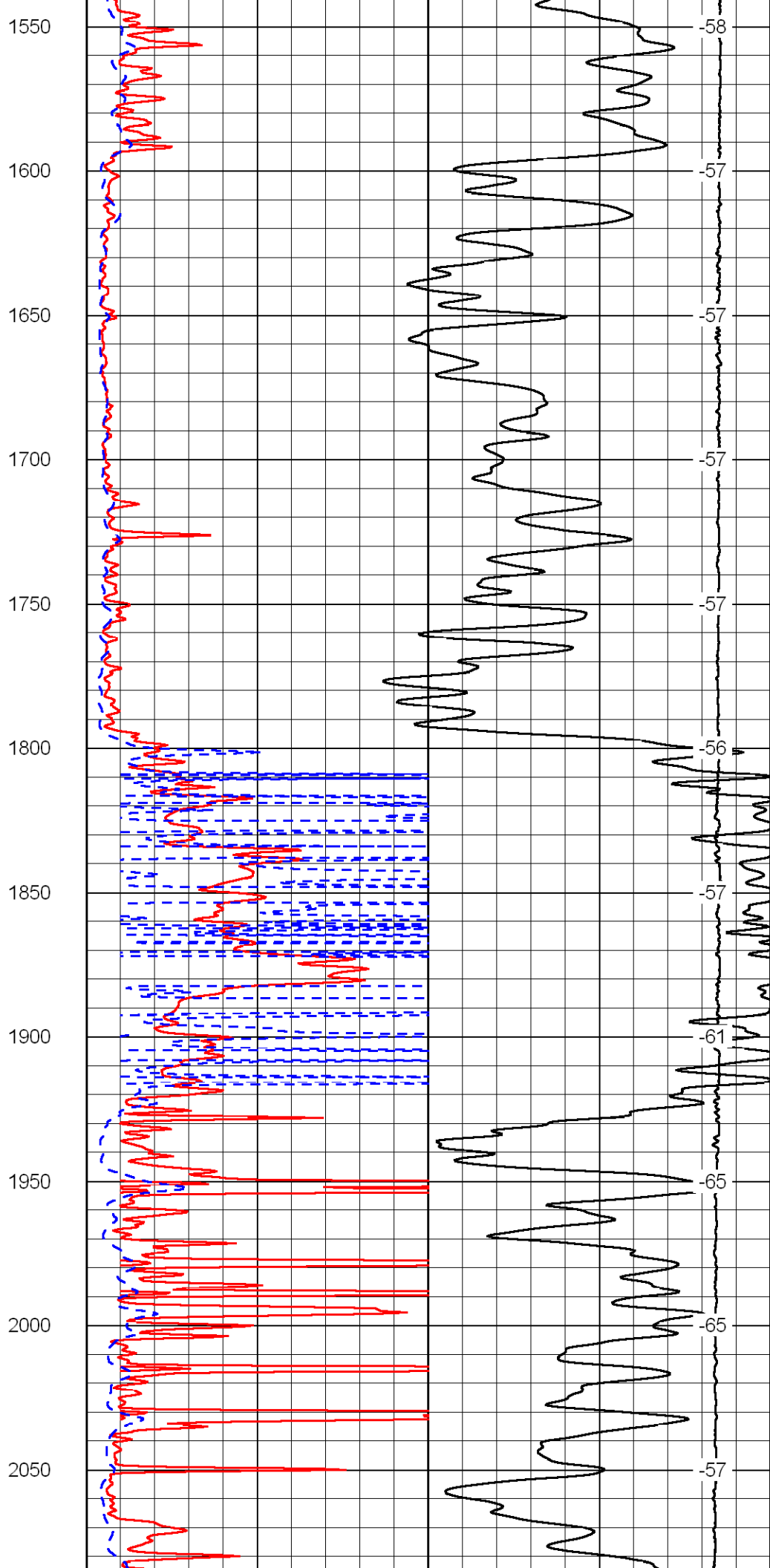
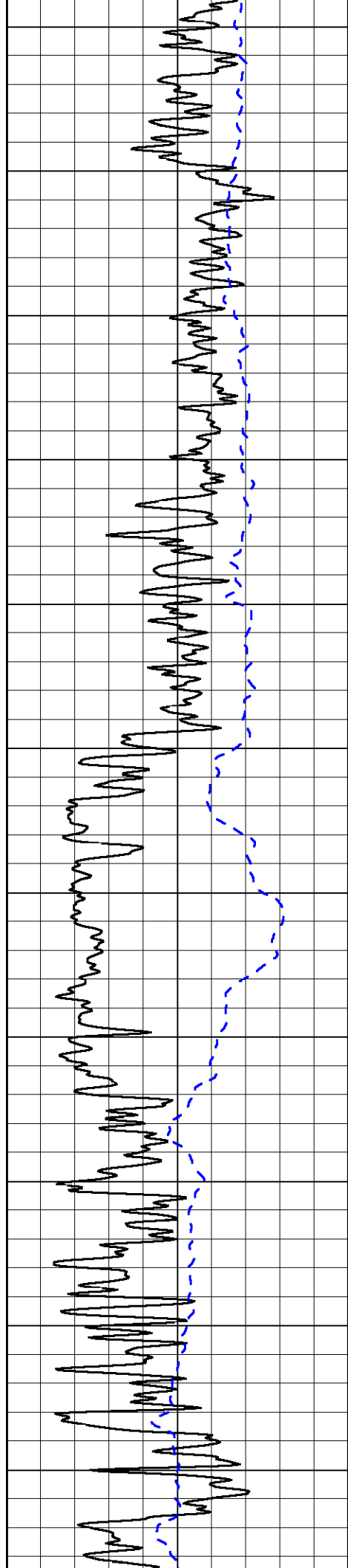
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0

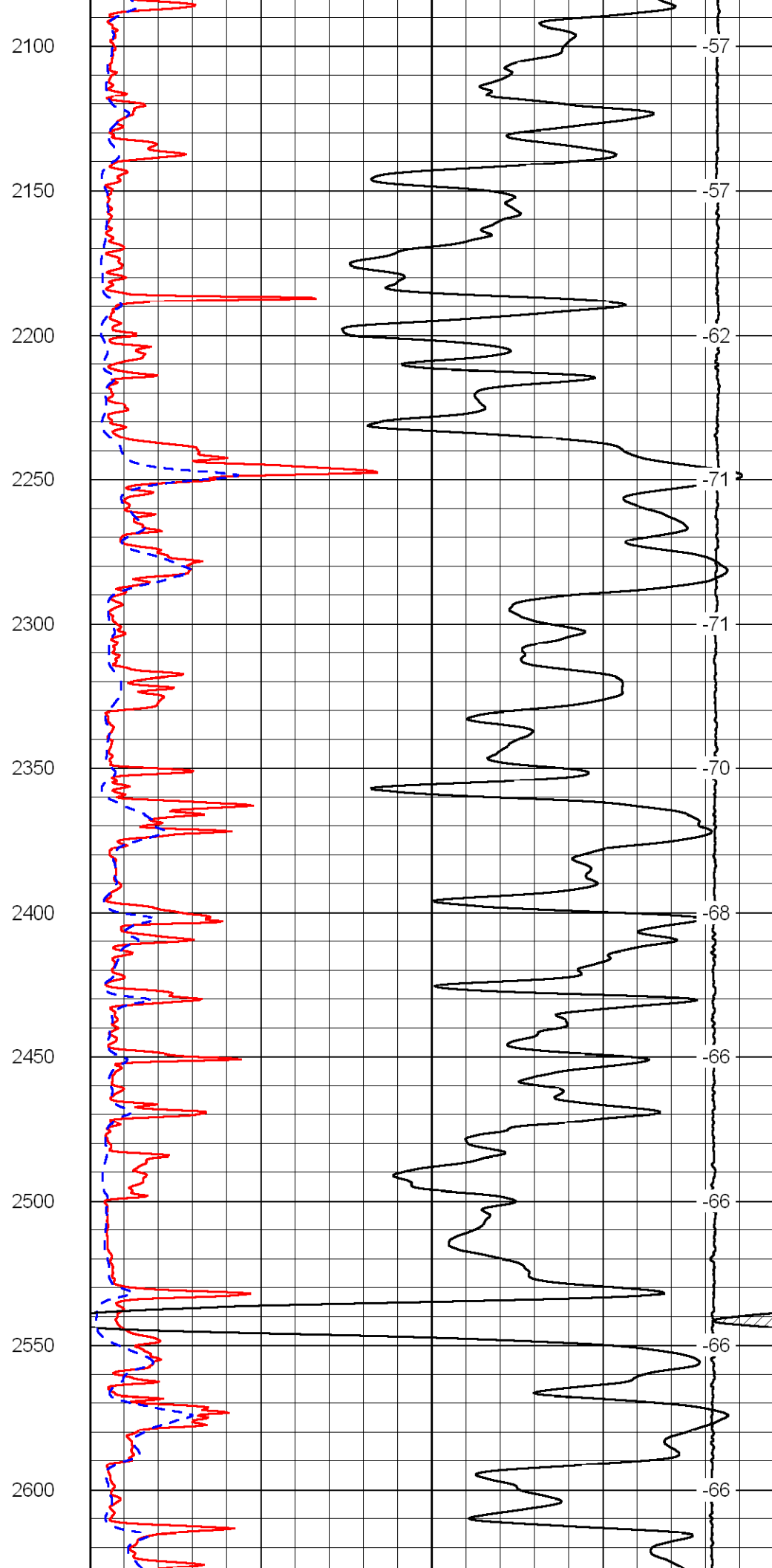
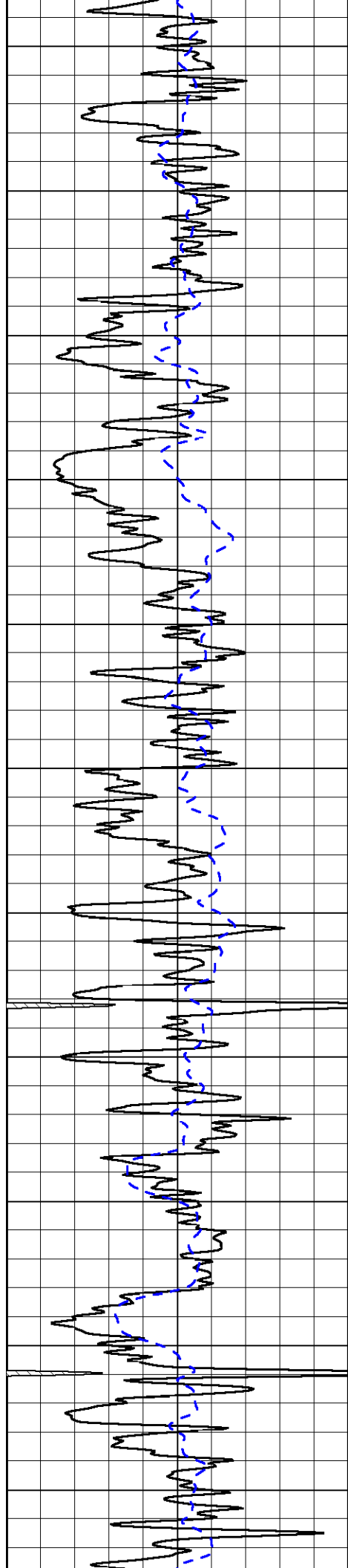
LSPD
(ft/min)

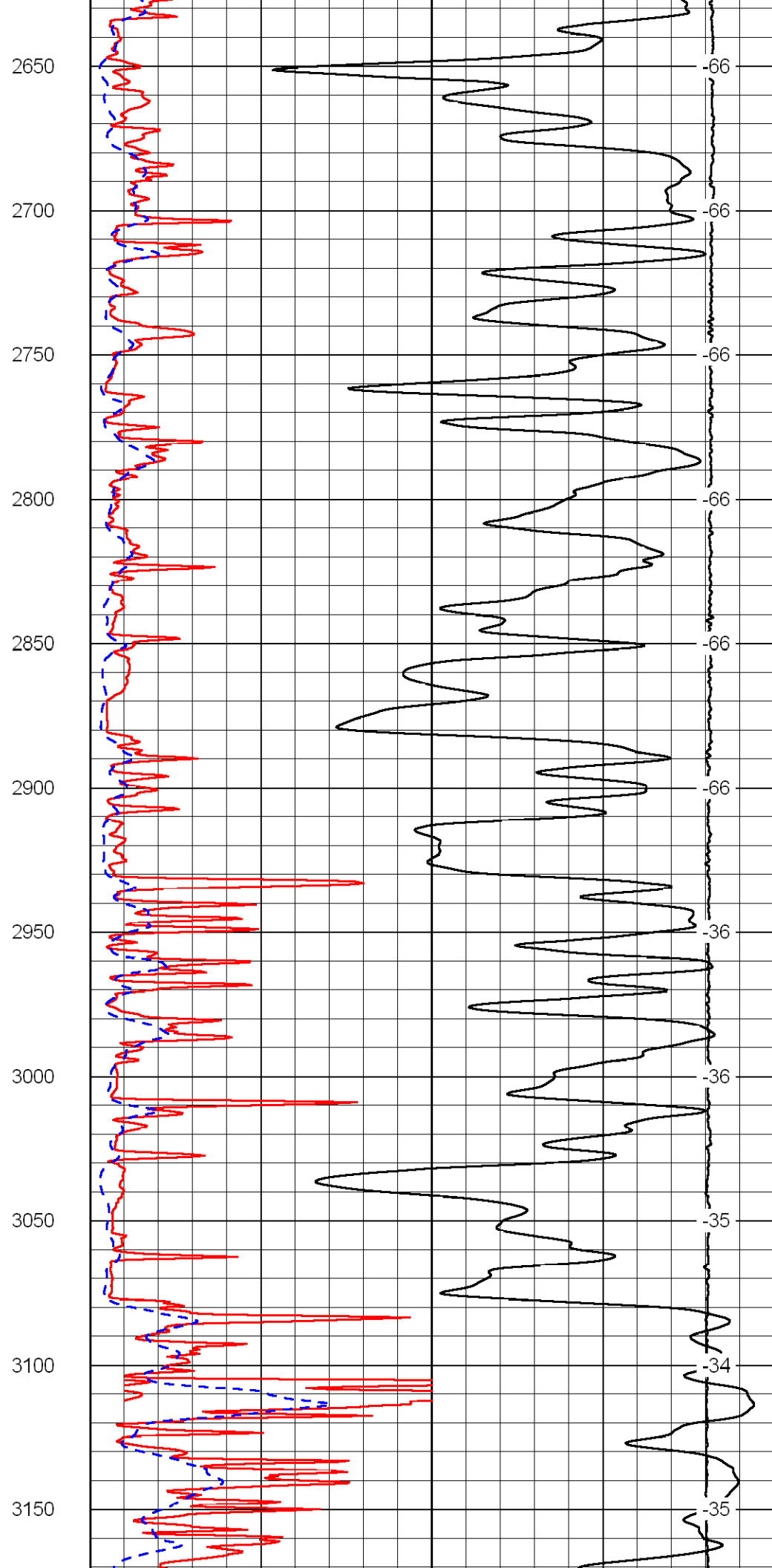
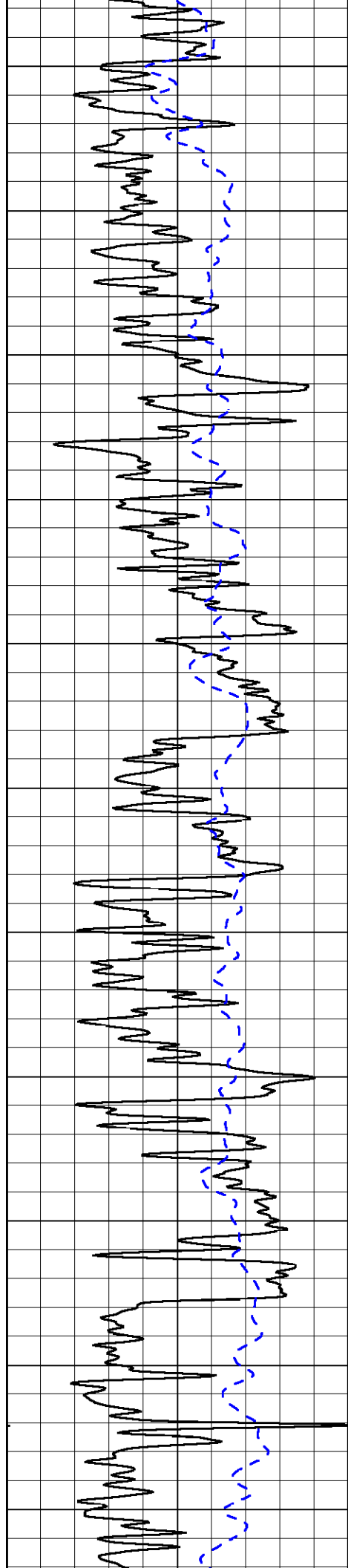


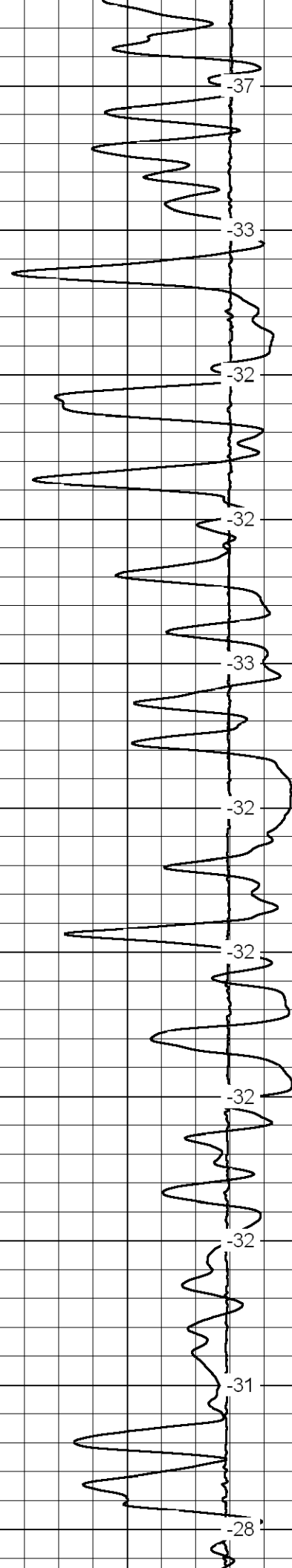
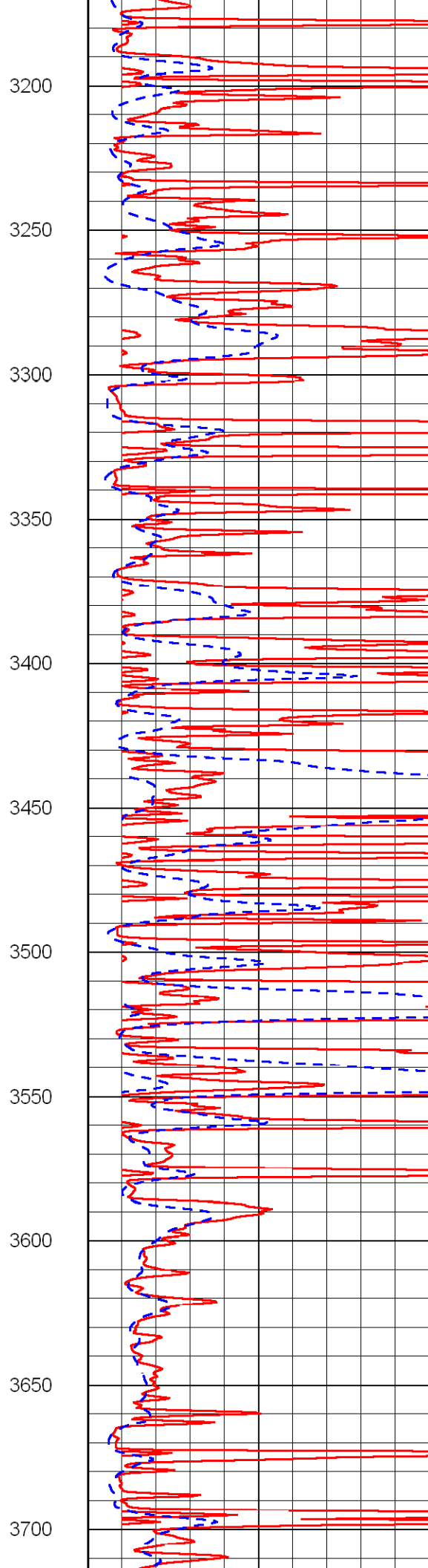
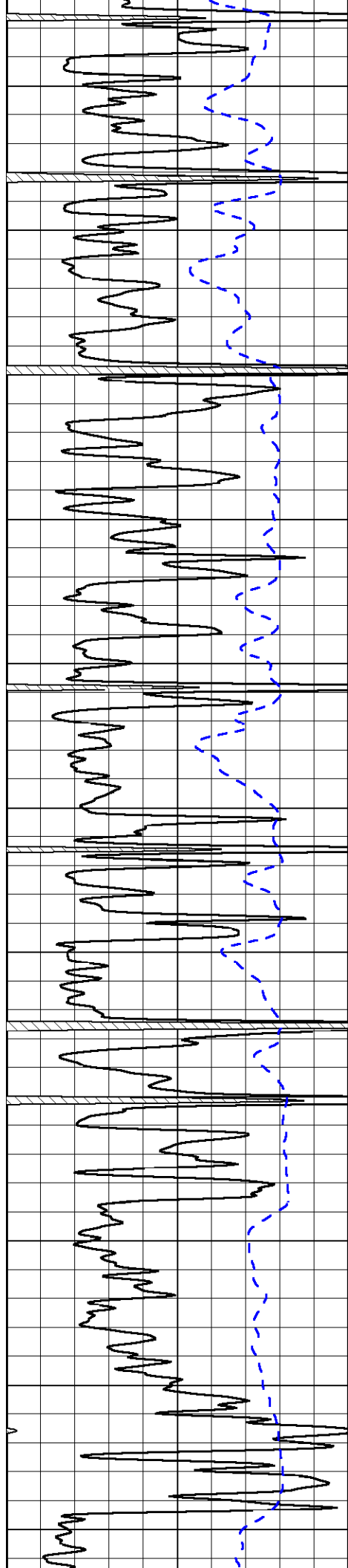


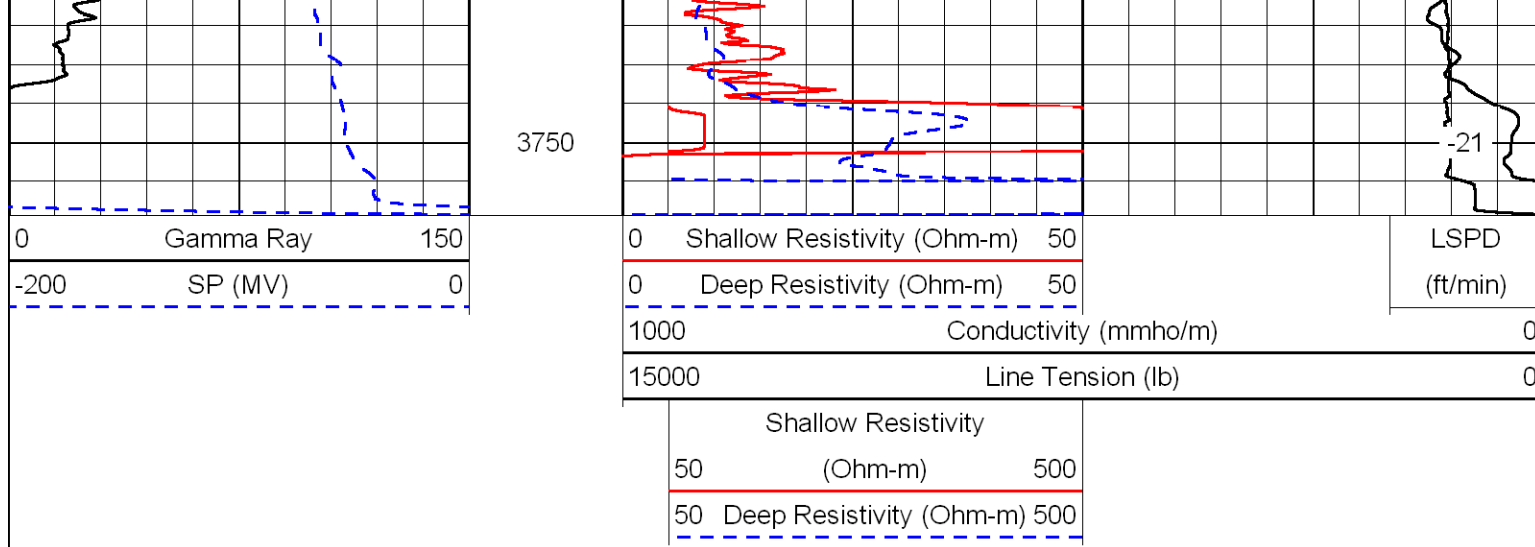




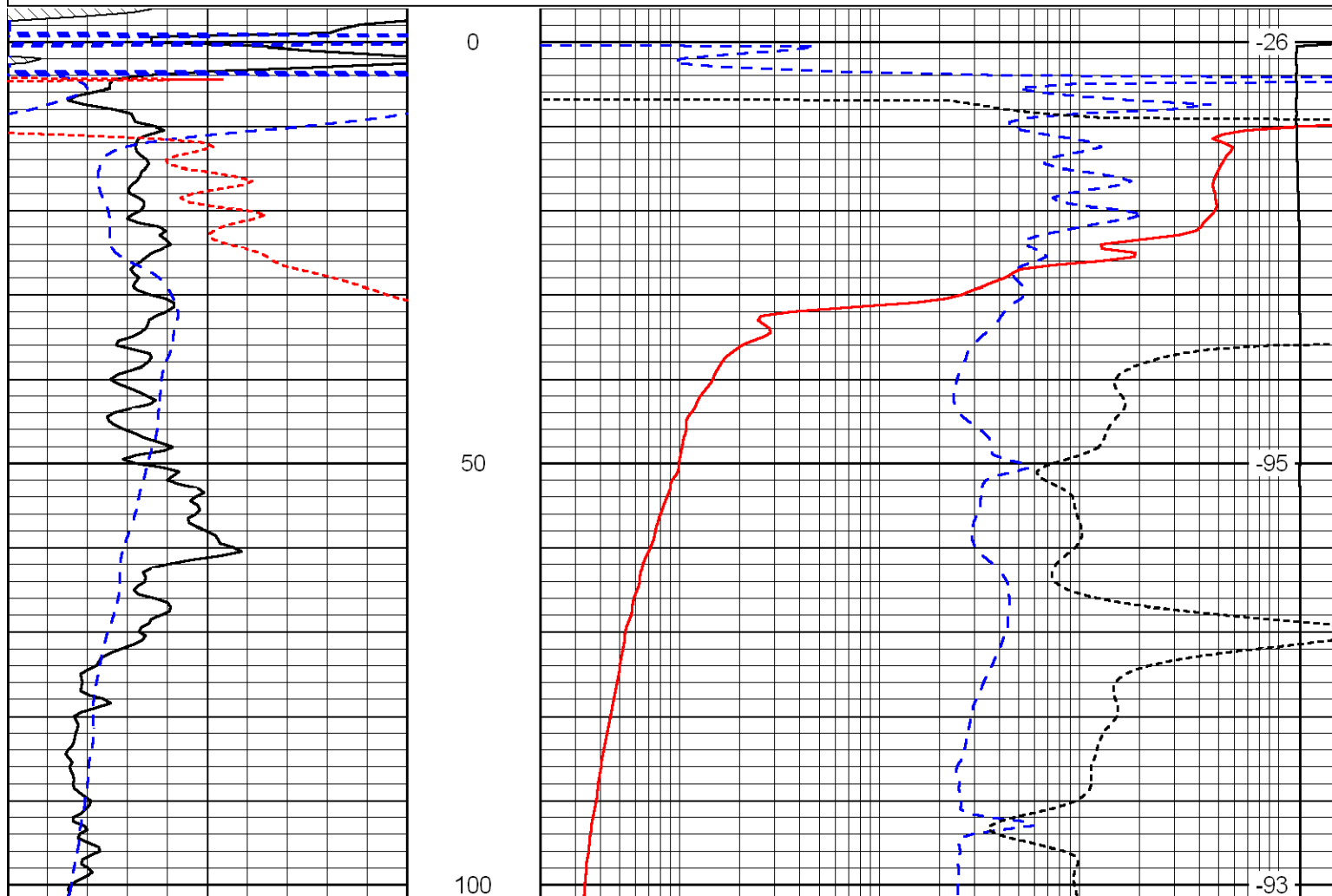
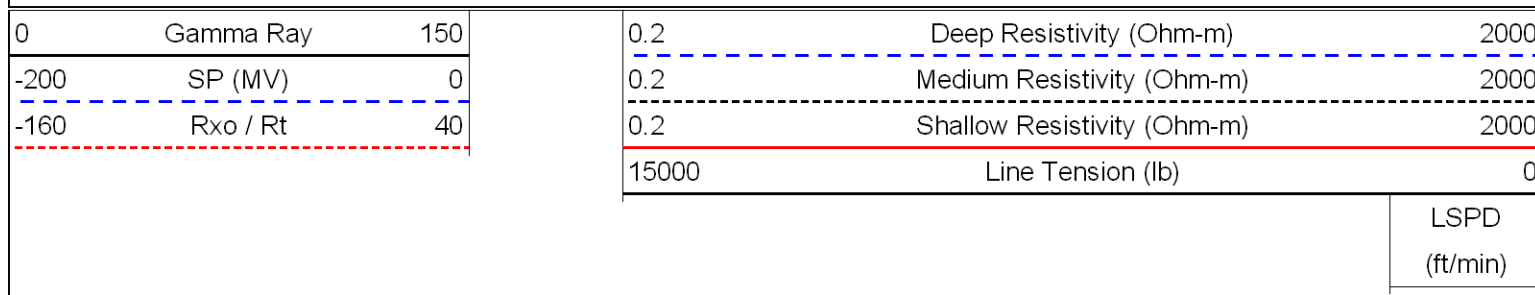


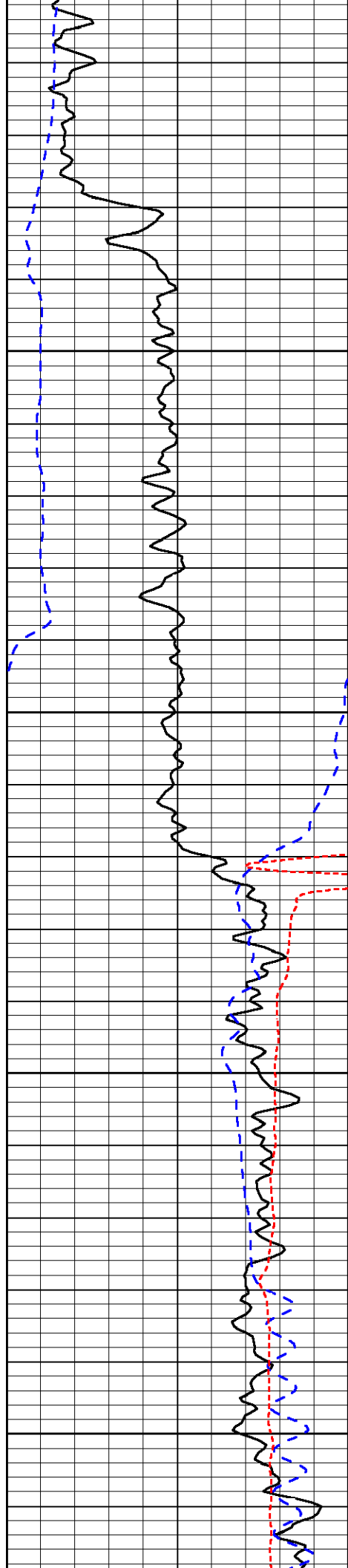






Database File: c:\warrior\data\murfin_rouback no. 1-26\murf70509hd.db
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 Presentation Format: dil
 Dataset Creation: Mon Jul 06 02:36:03 2009
 Charted by: Depth in Feet scaled 1:240



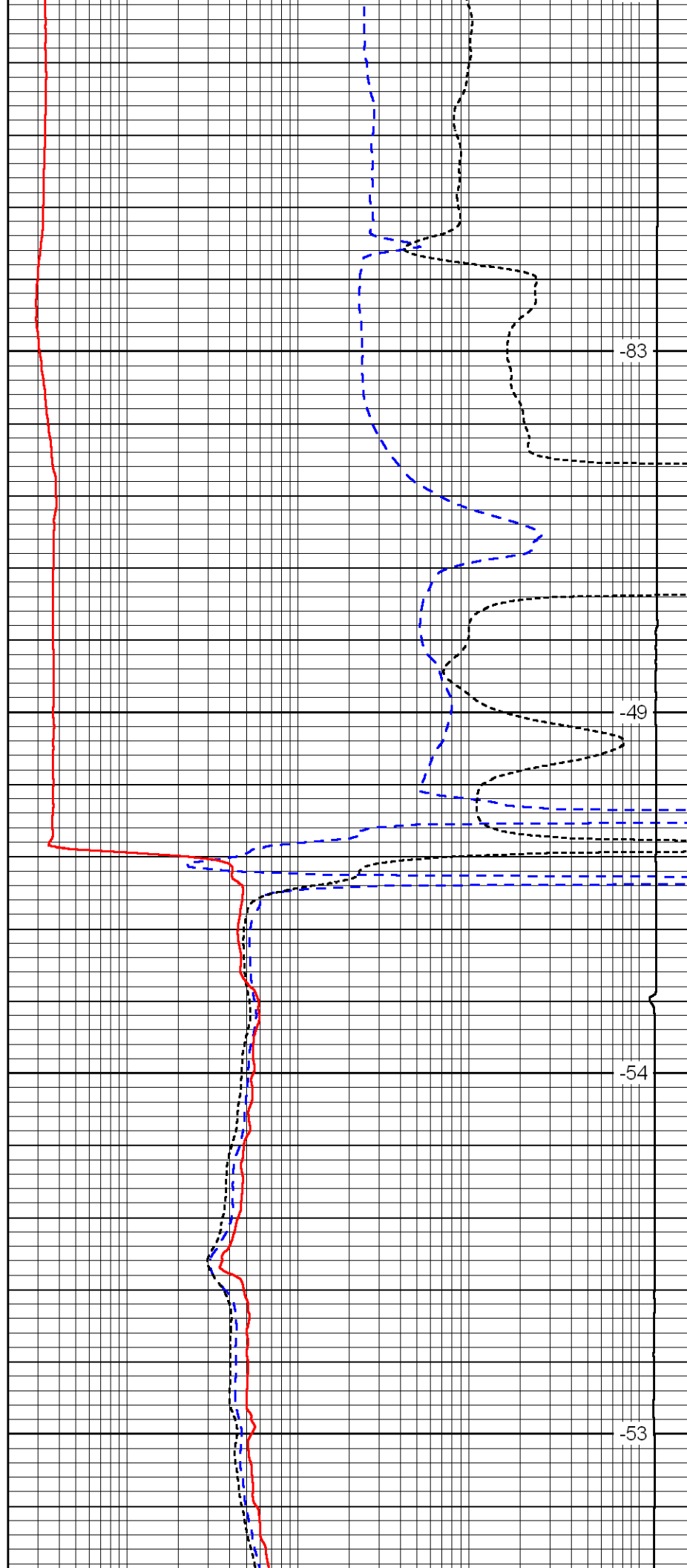


150

200

250

300

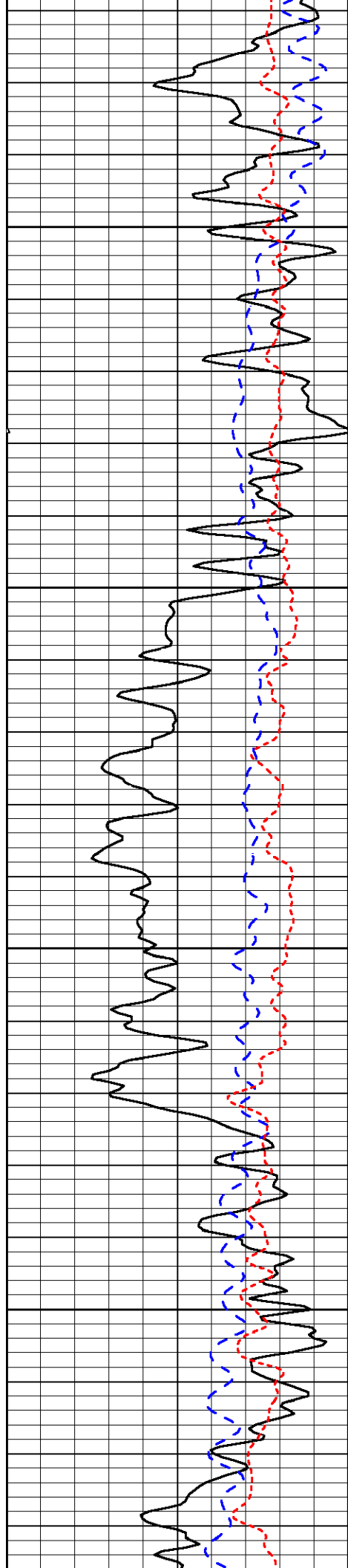


-83

-49

-54

-53

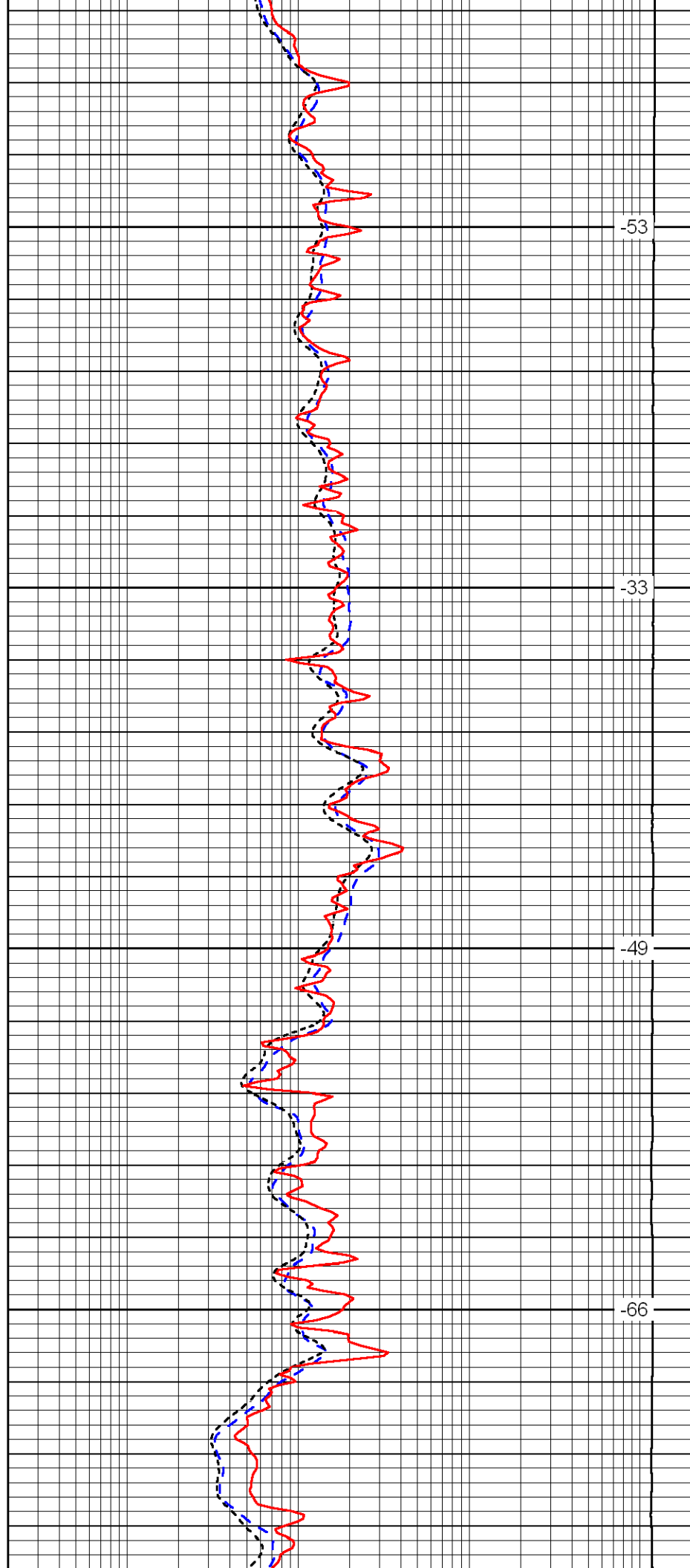


350

400

450

500

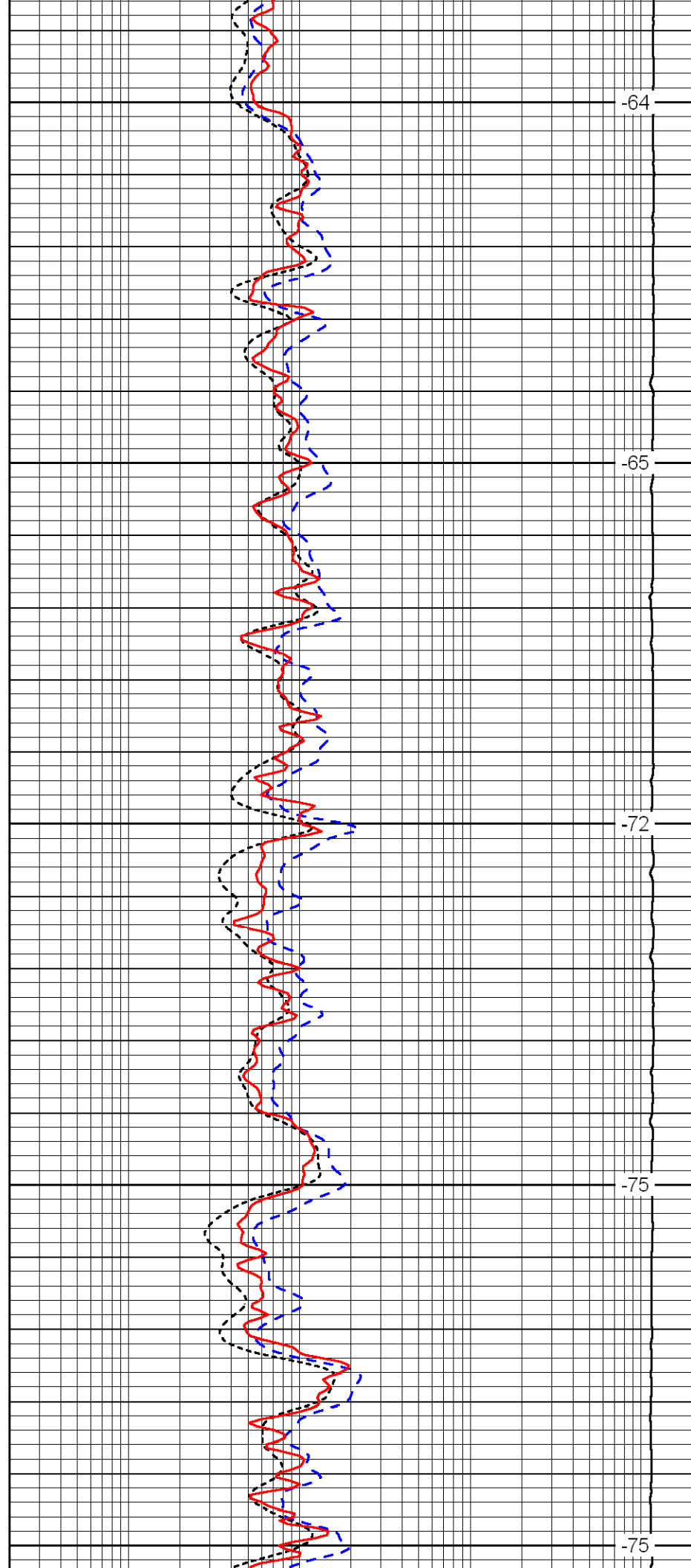
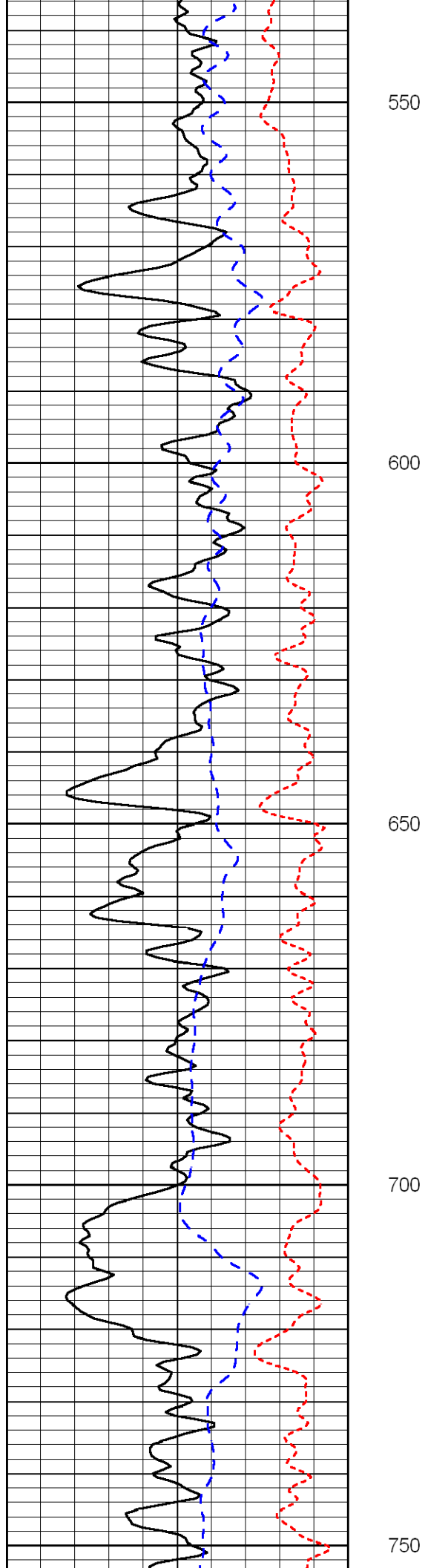


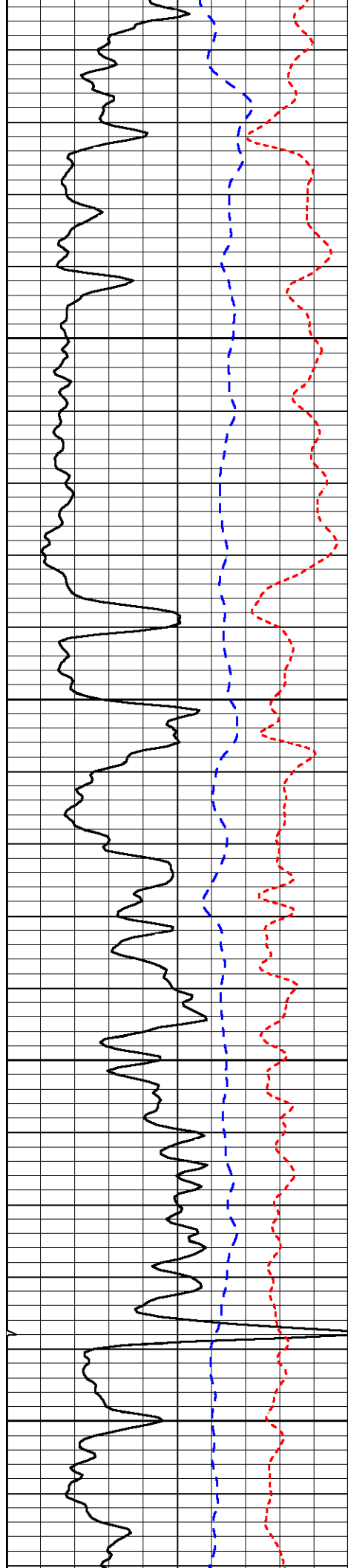
-53

-33

-49

-66



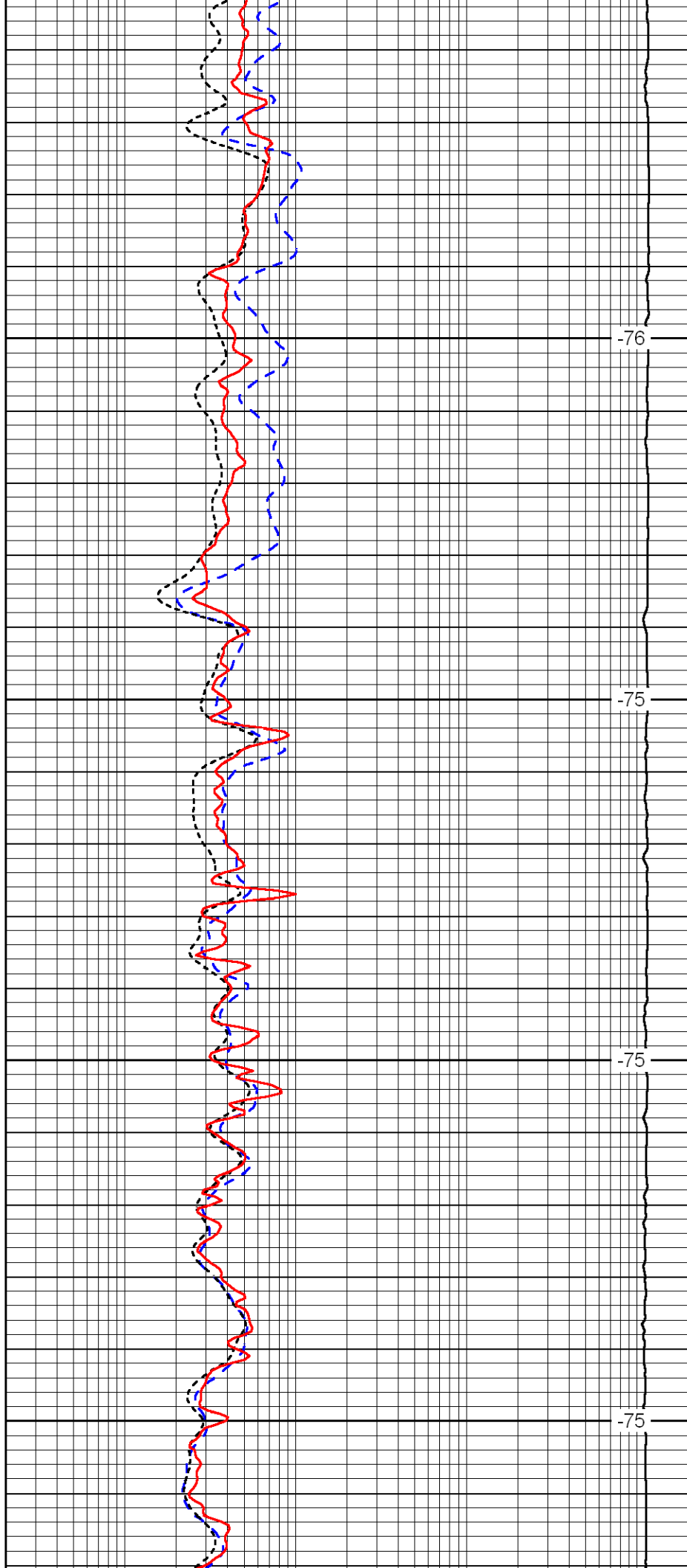


800

850

900

950

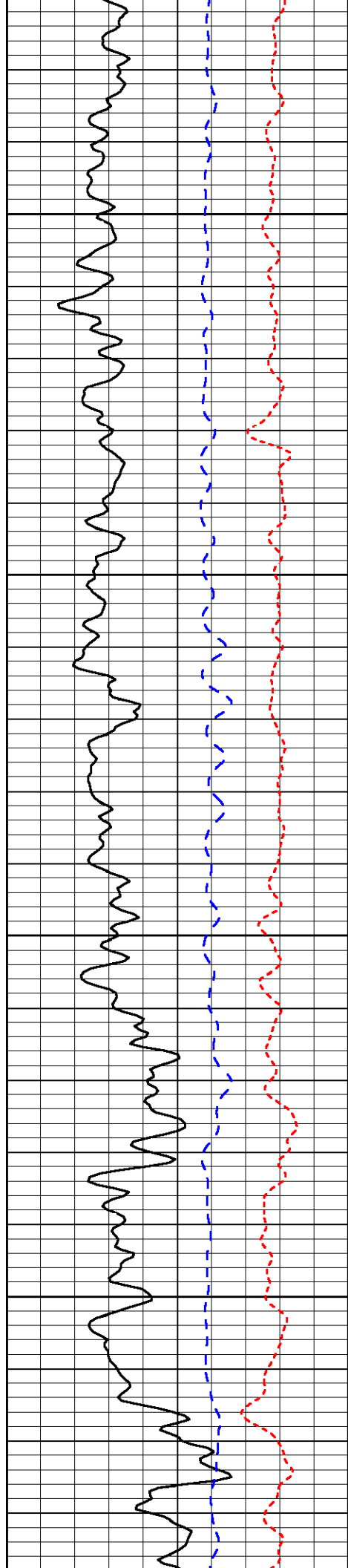


-76

-75

-75

-75

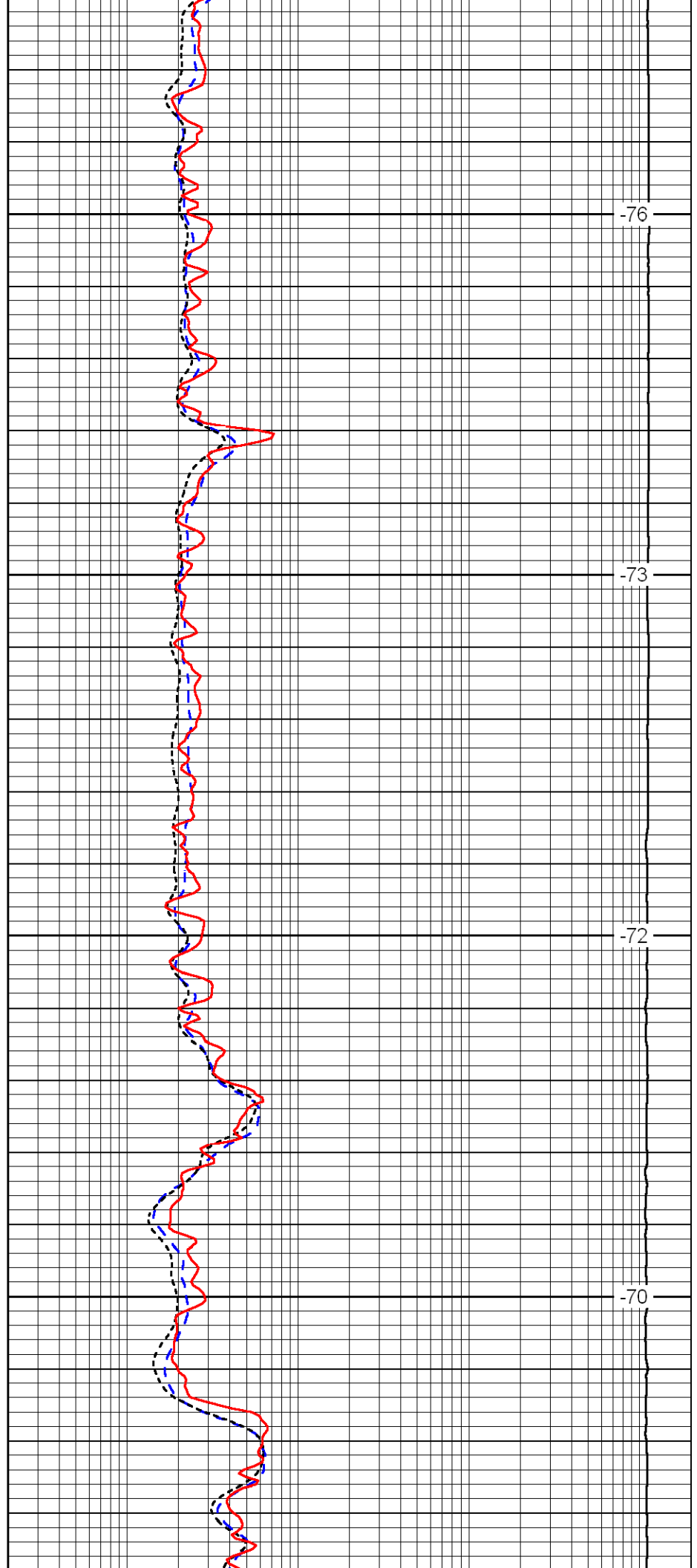


1000

1050

1100

1150

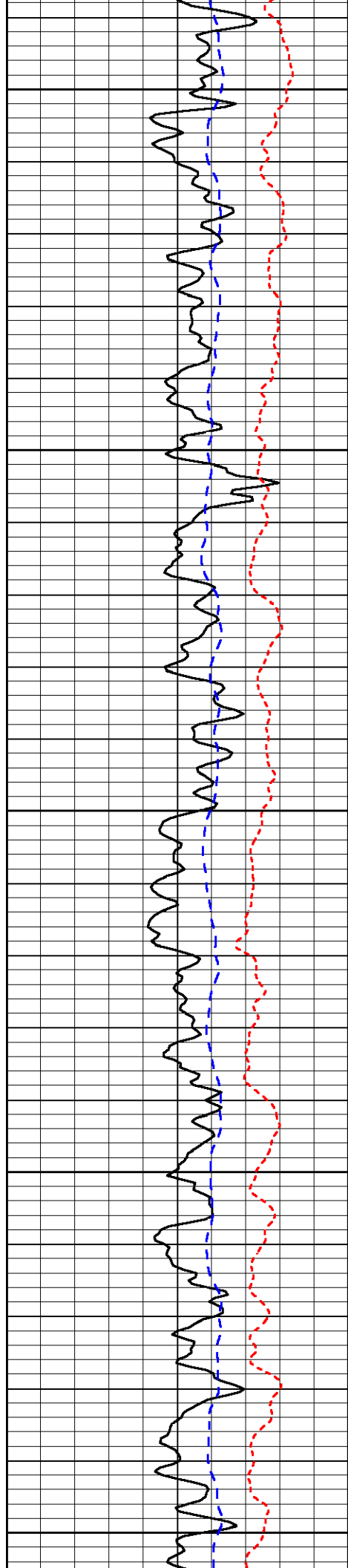


-76

-73

-72

-70



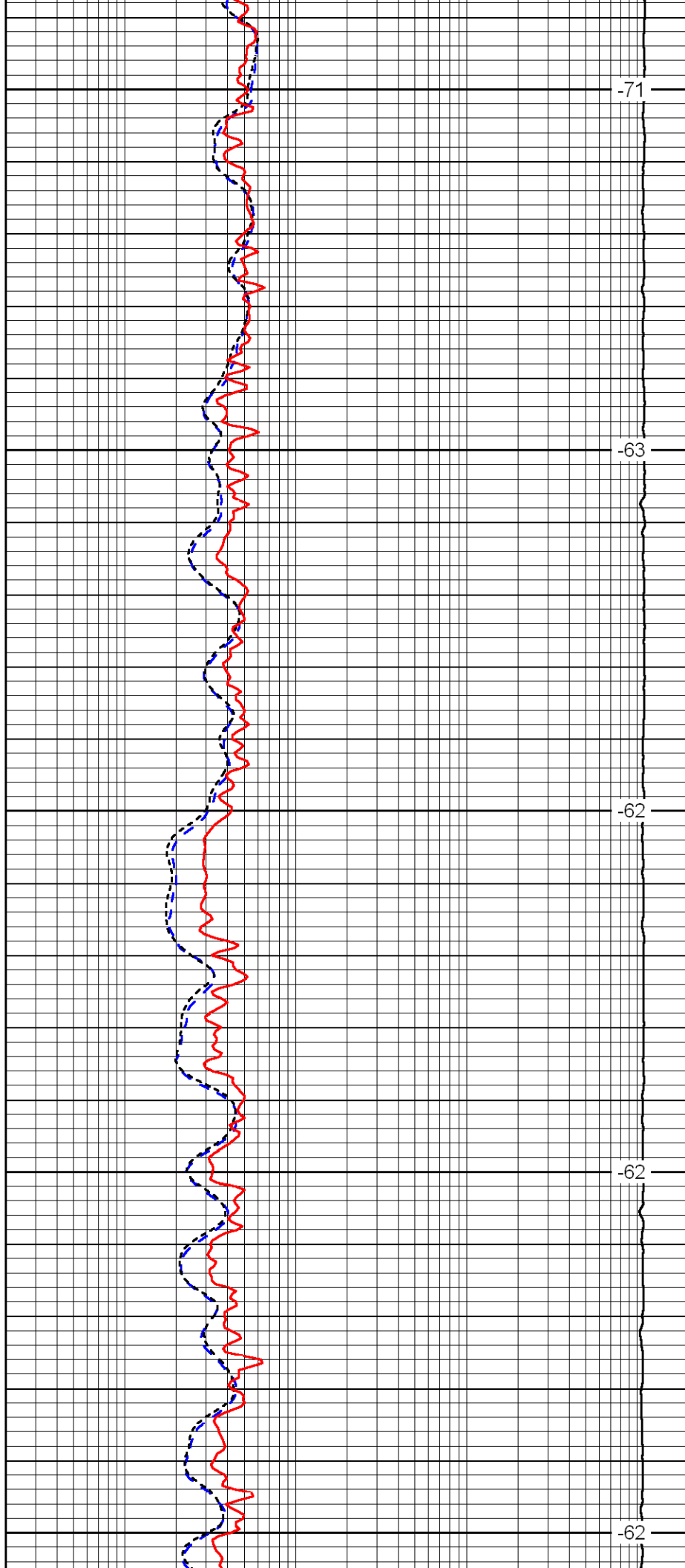
1200

1250

1300

1350

1400



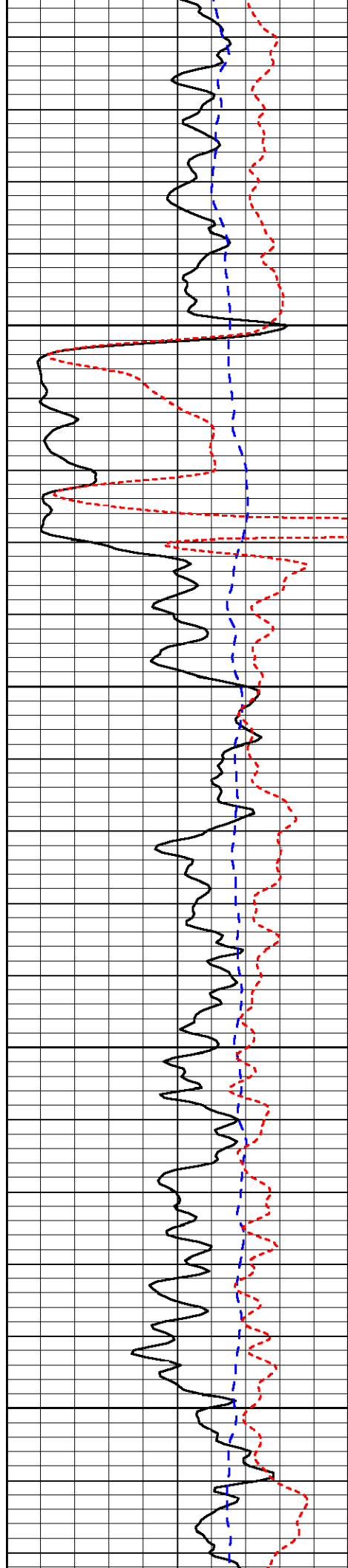
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-62

-62

-62

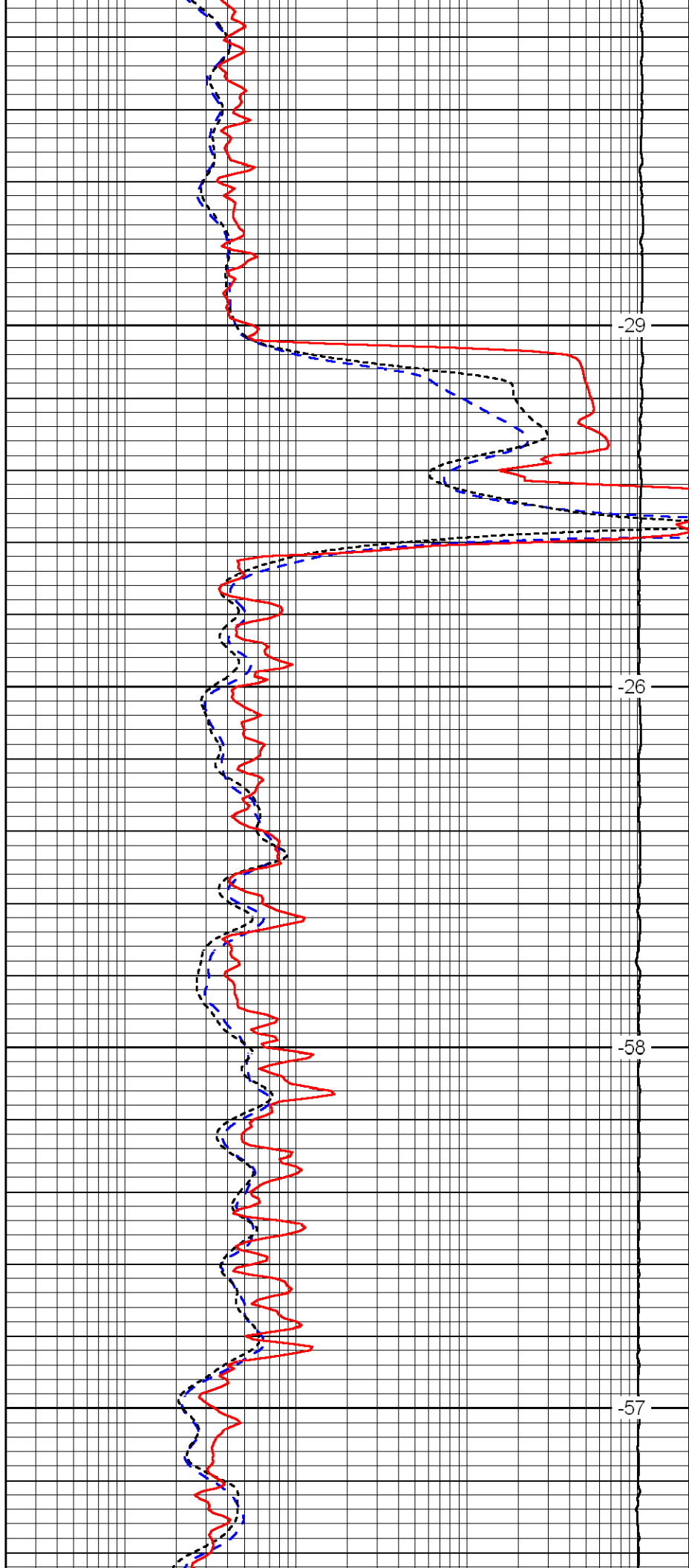


1450

1500

1550

1600

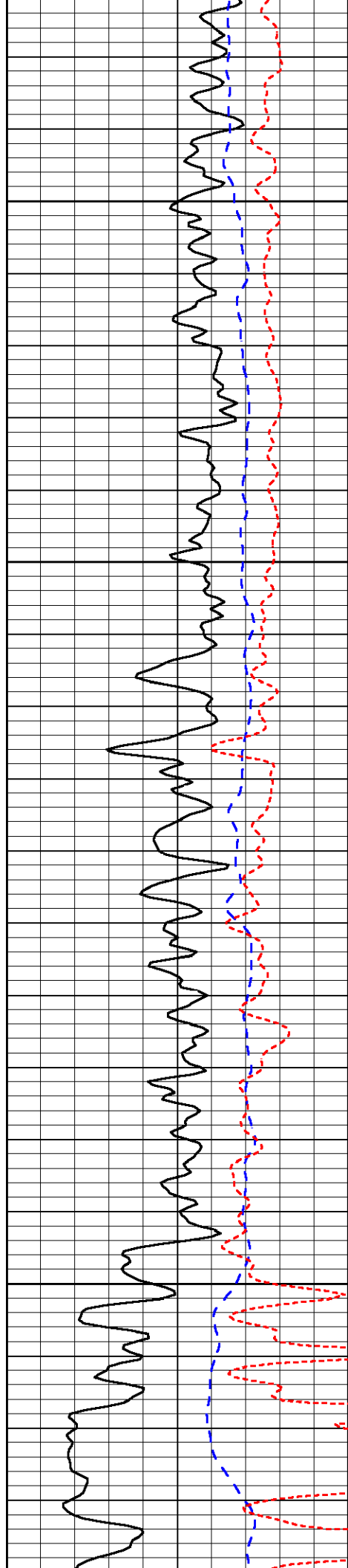


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-26

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-57

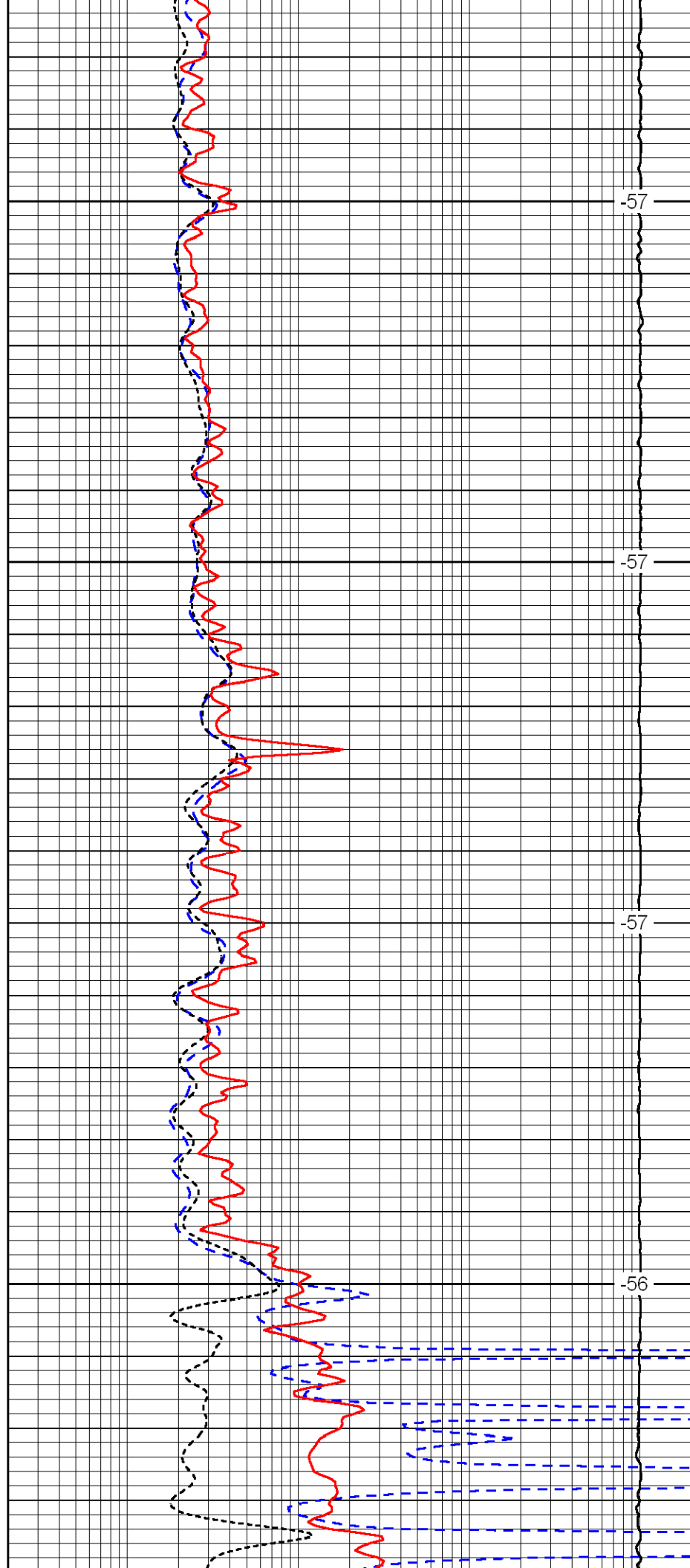


1650

1700

1750

1800

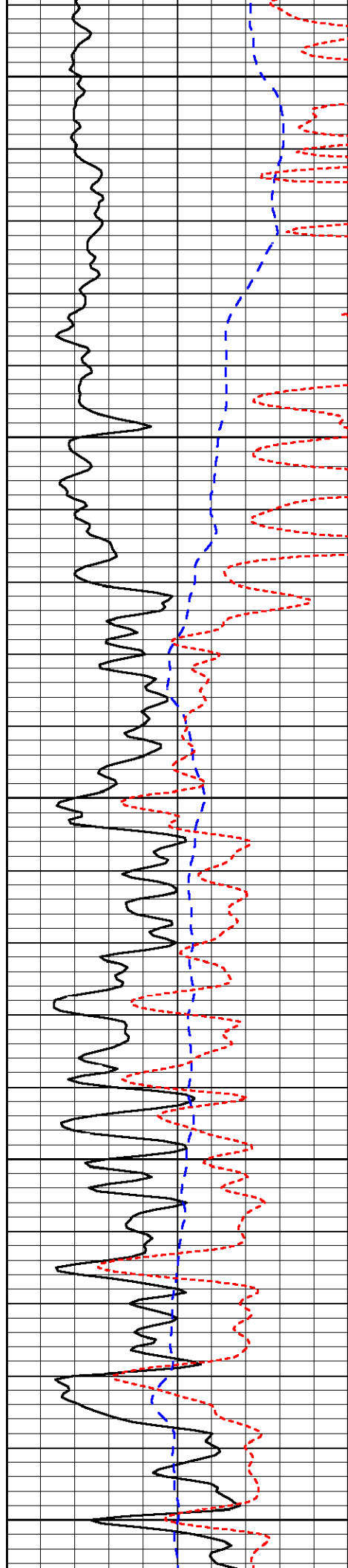


-57

-57

-57

-56



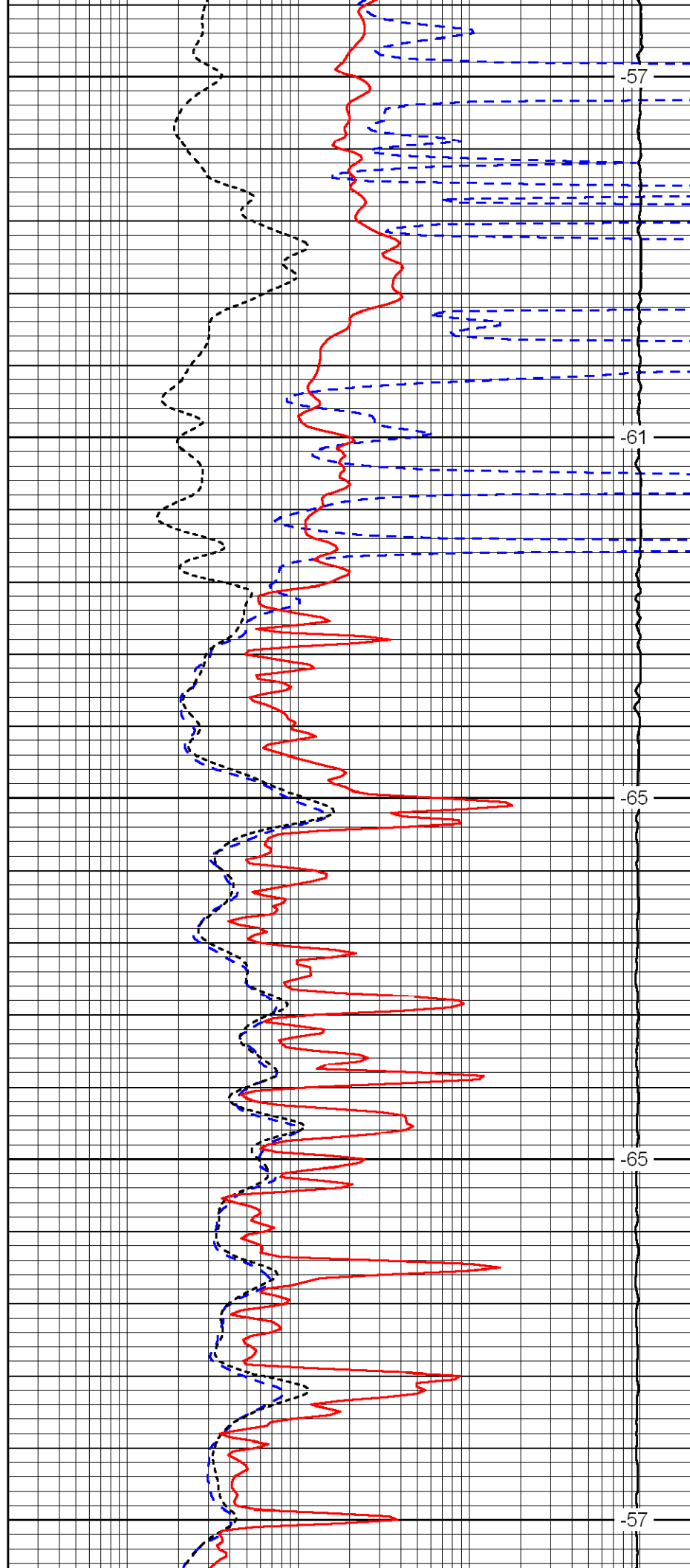
1850

1900

1950

2000

2050



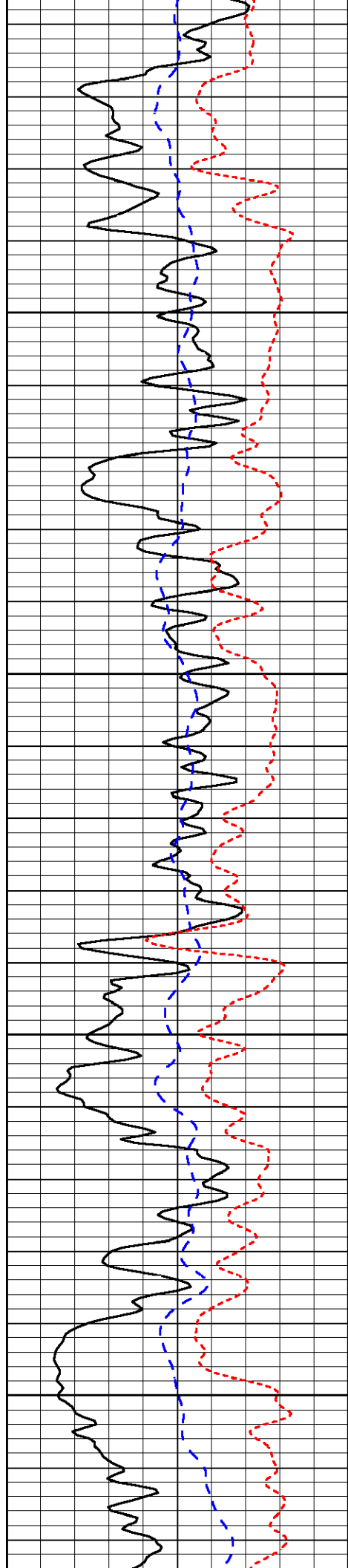
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-61

-65

-65

-57

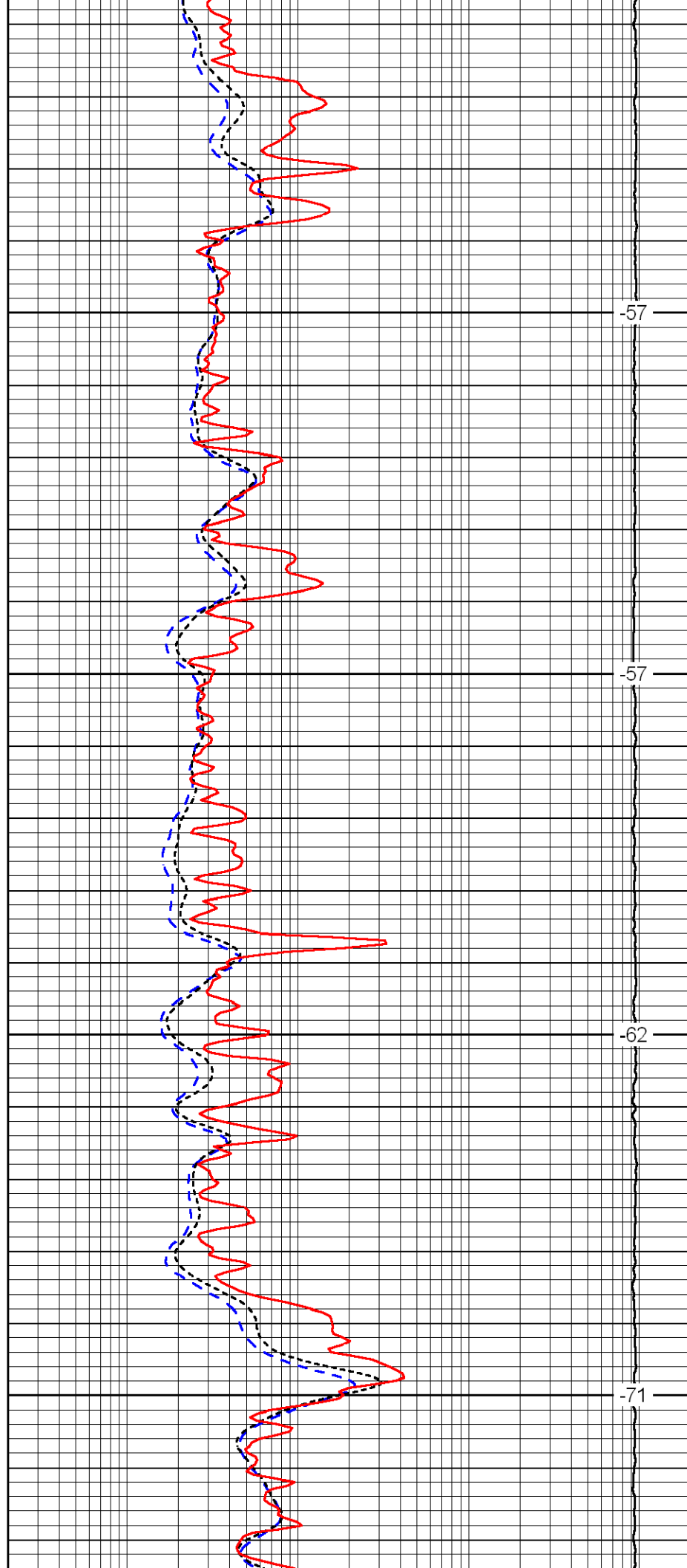


2100

2150

2200

2250

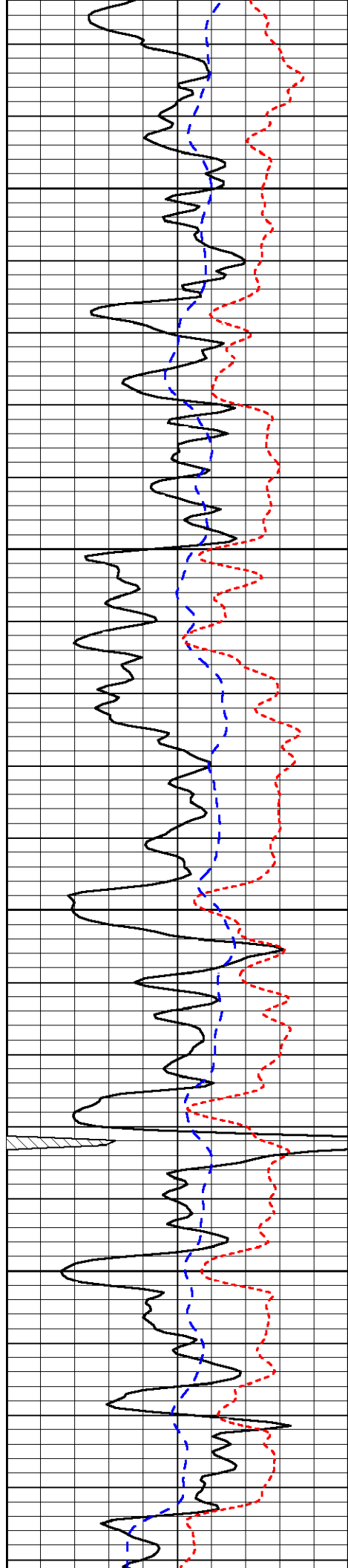


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-62

-71

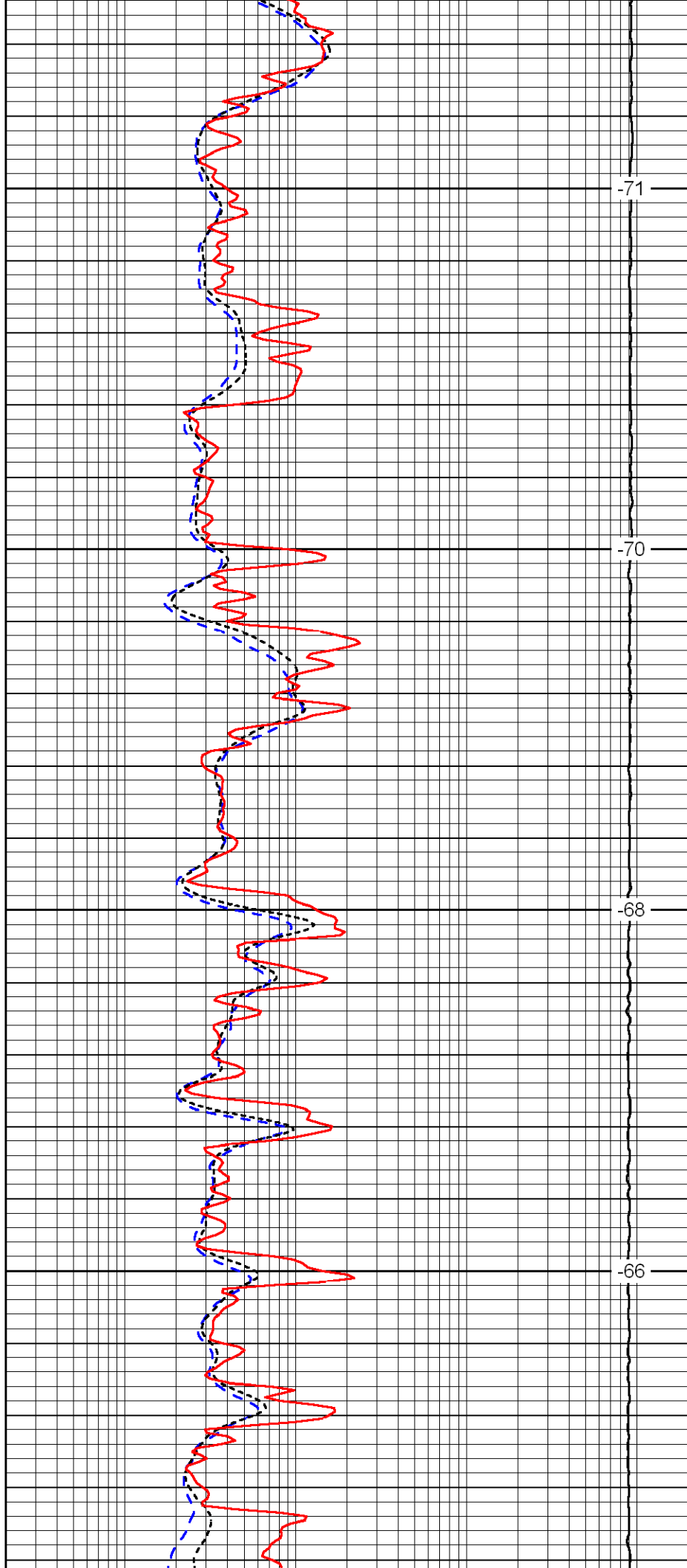


2300

2350

2400

2450

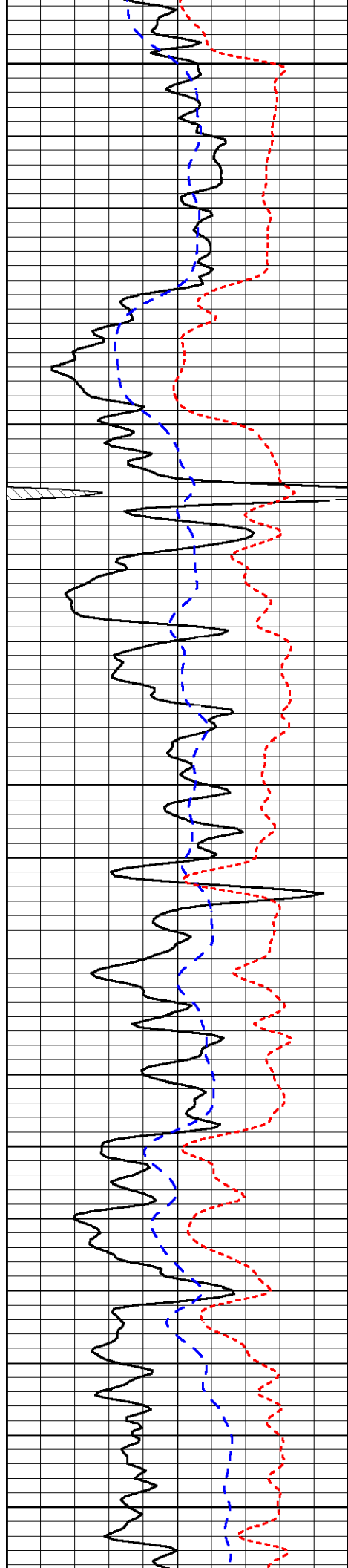


-71

-70

-68

-66



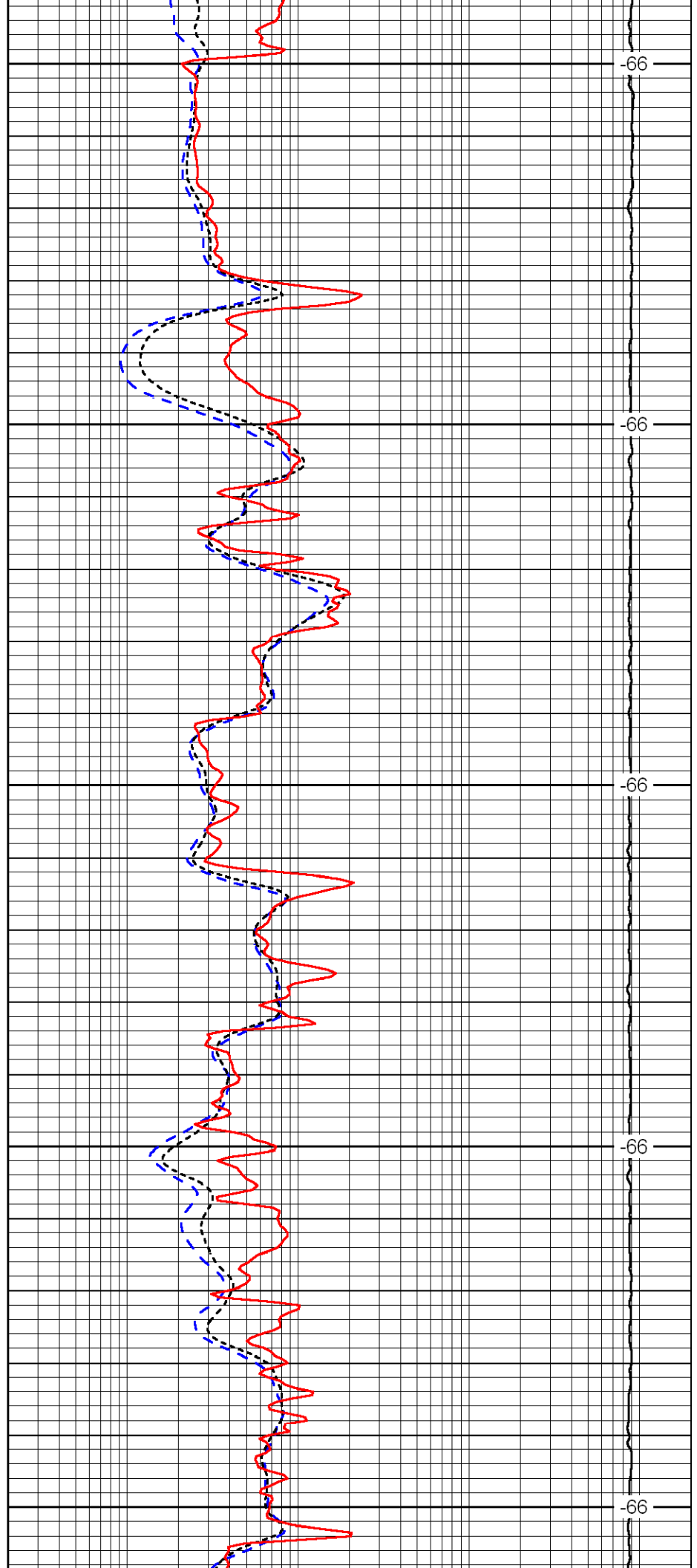
2500

2550

2600

2650

2700



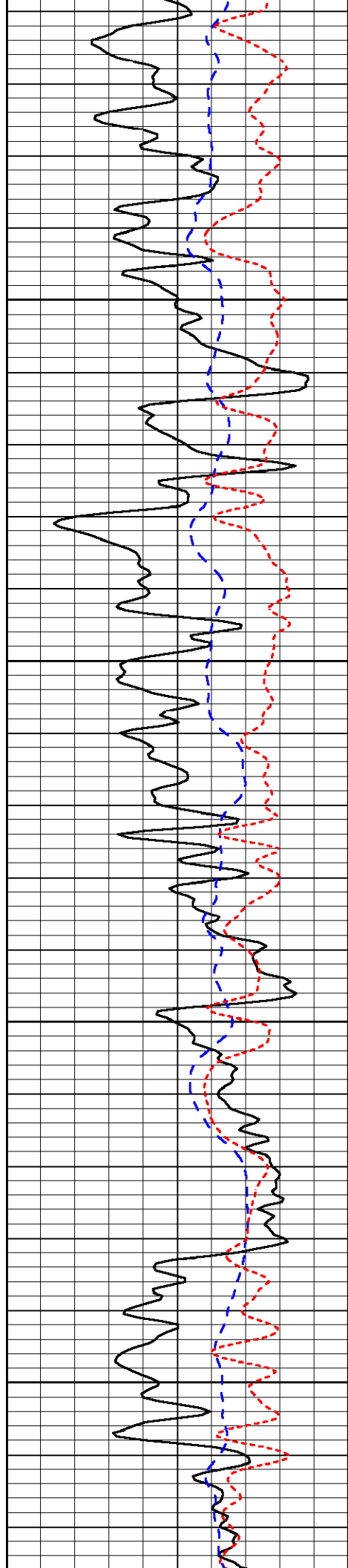
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-66

-66

-66

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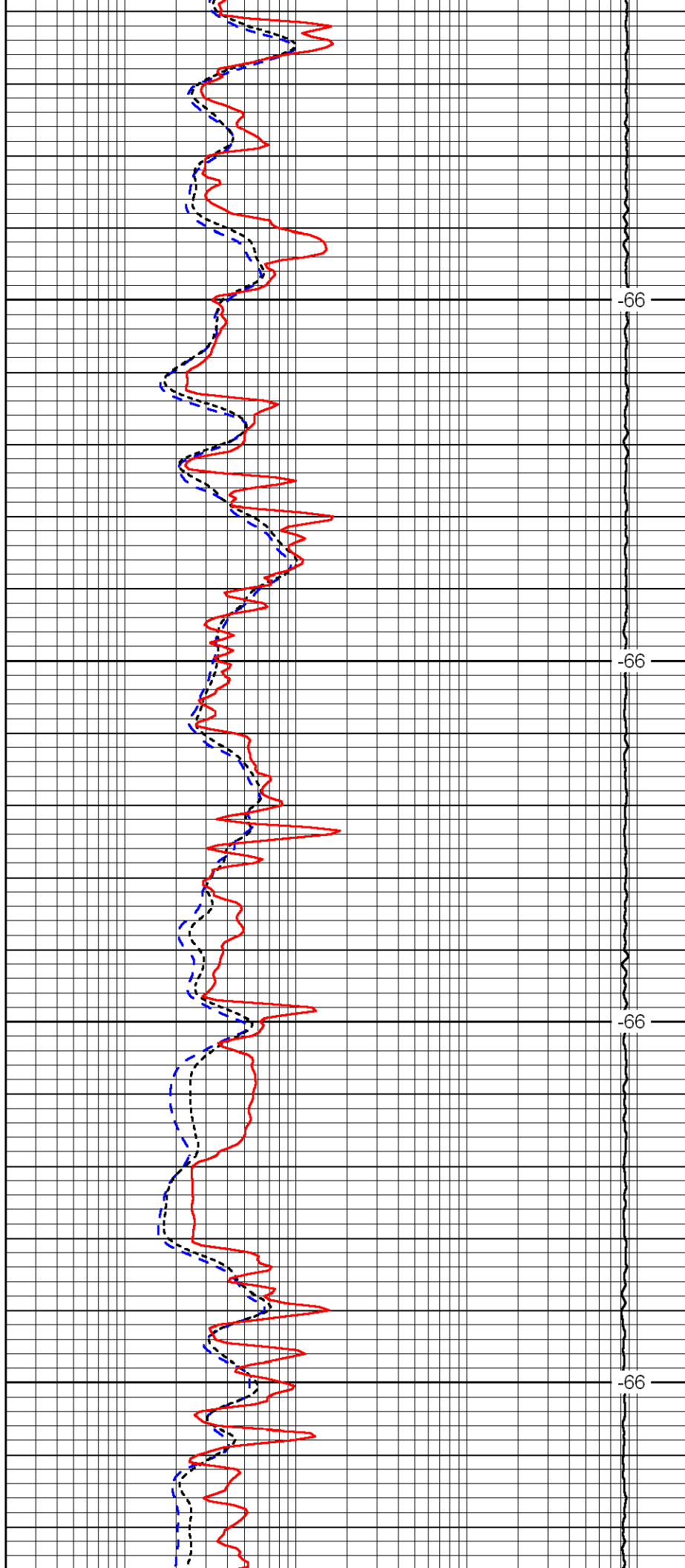


2750

2800

2850

2900

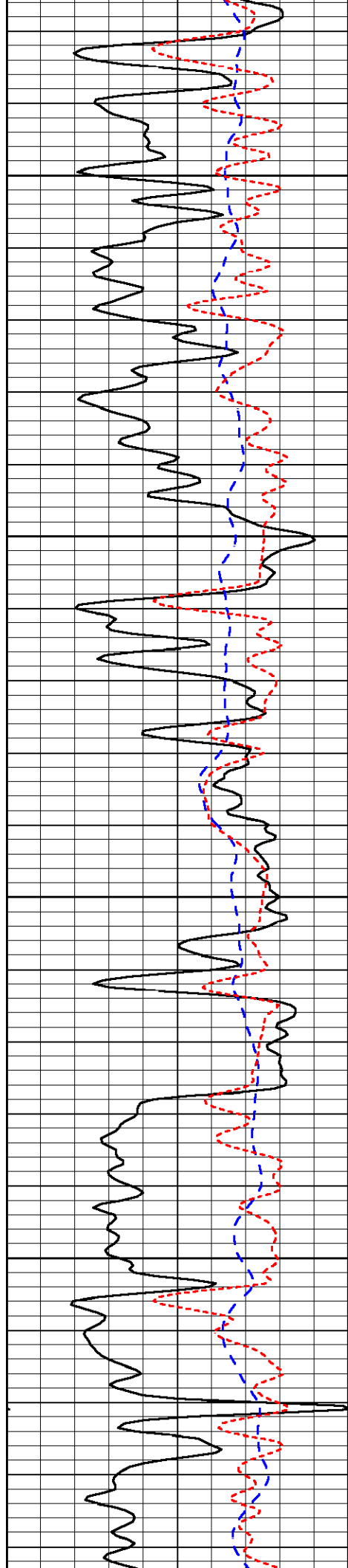


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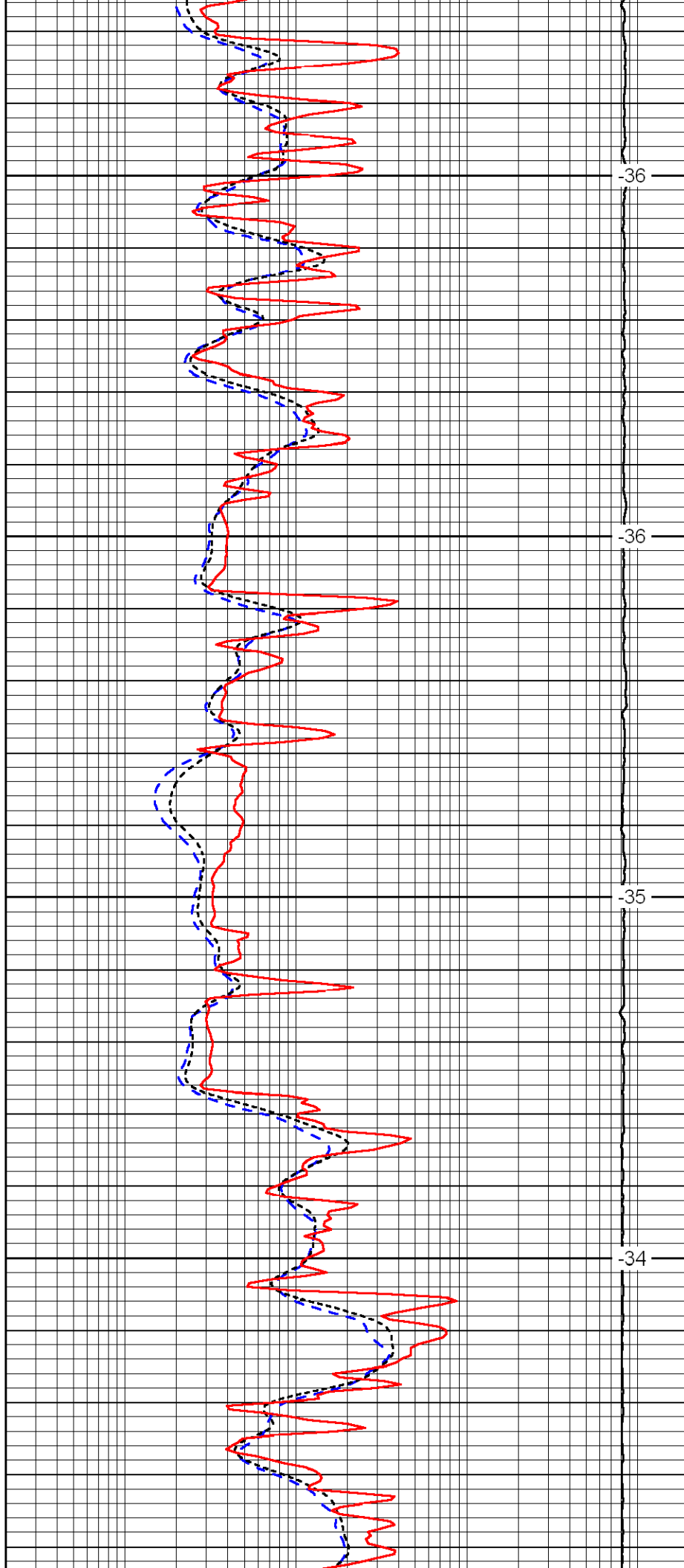


2950

3000

3050

3100

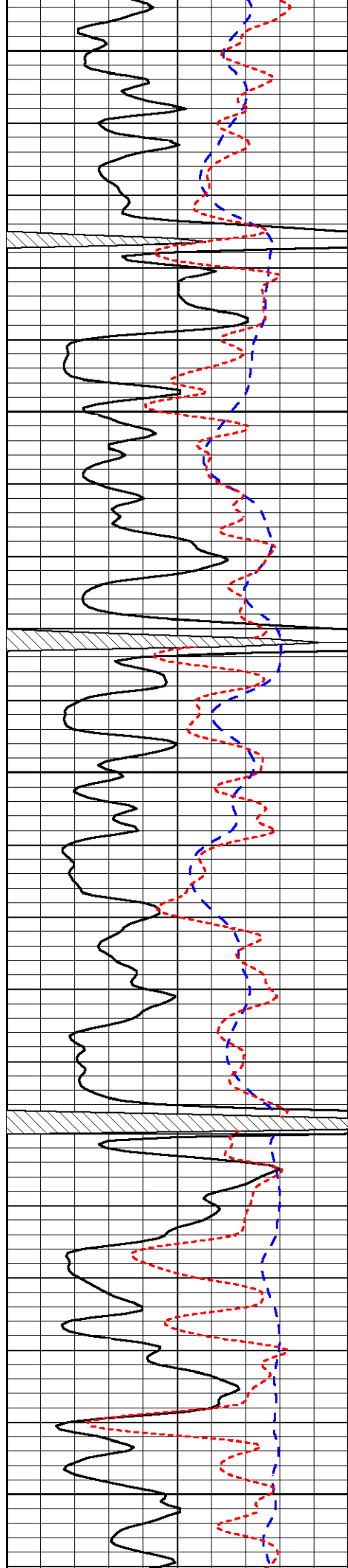


-36

-36

-35

-34



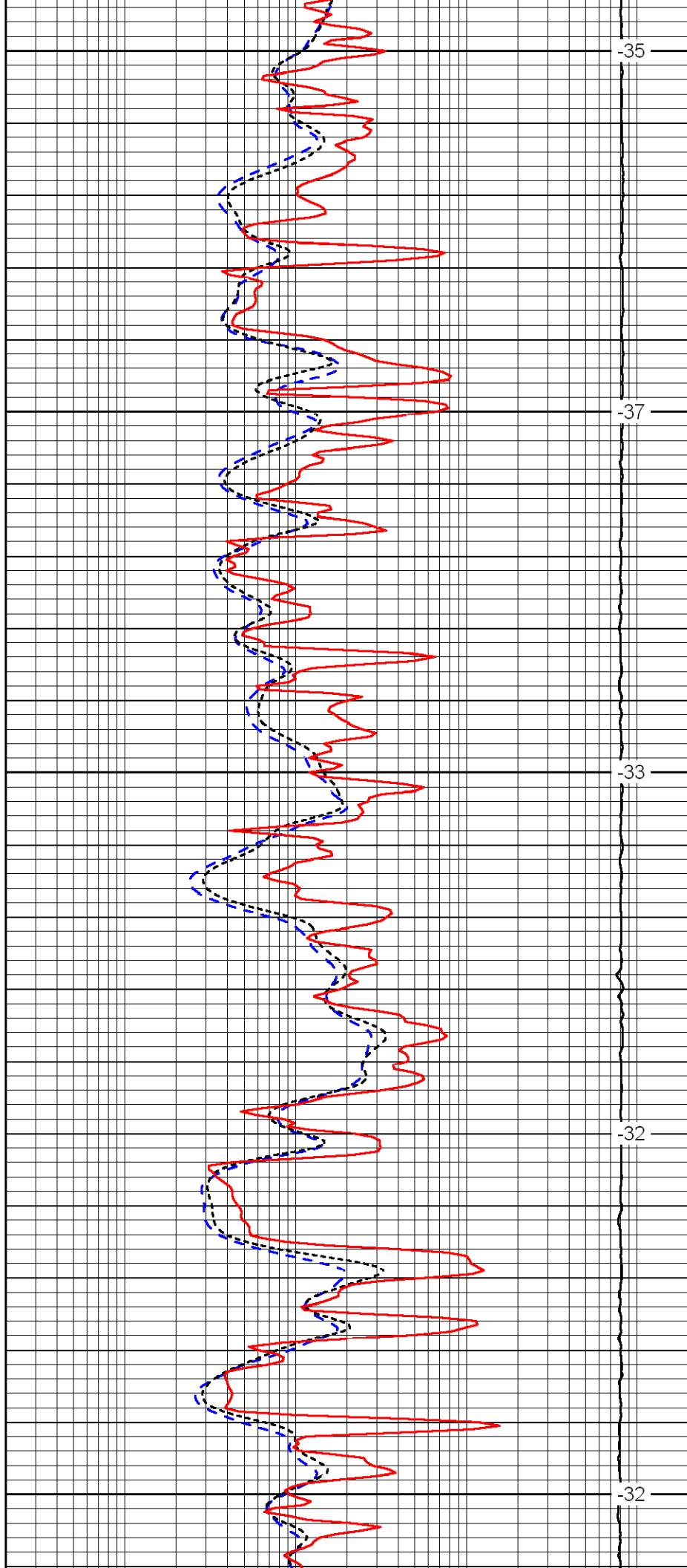
3150

3200

3250

3300

3350



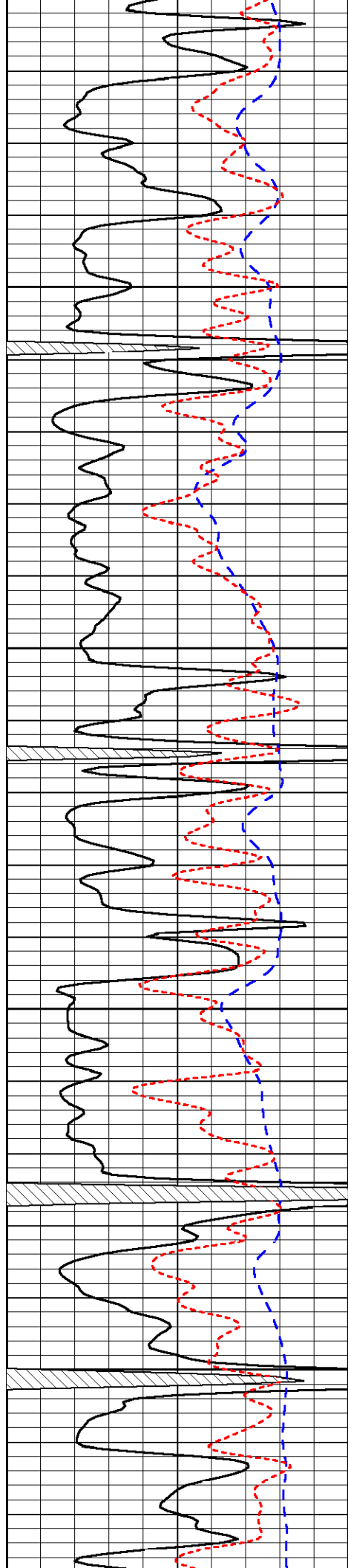
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-37

-33

-32

-32

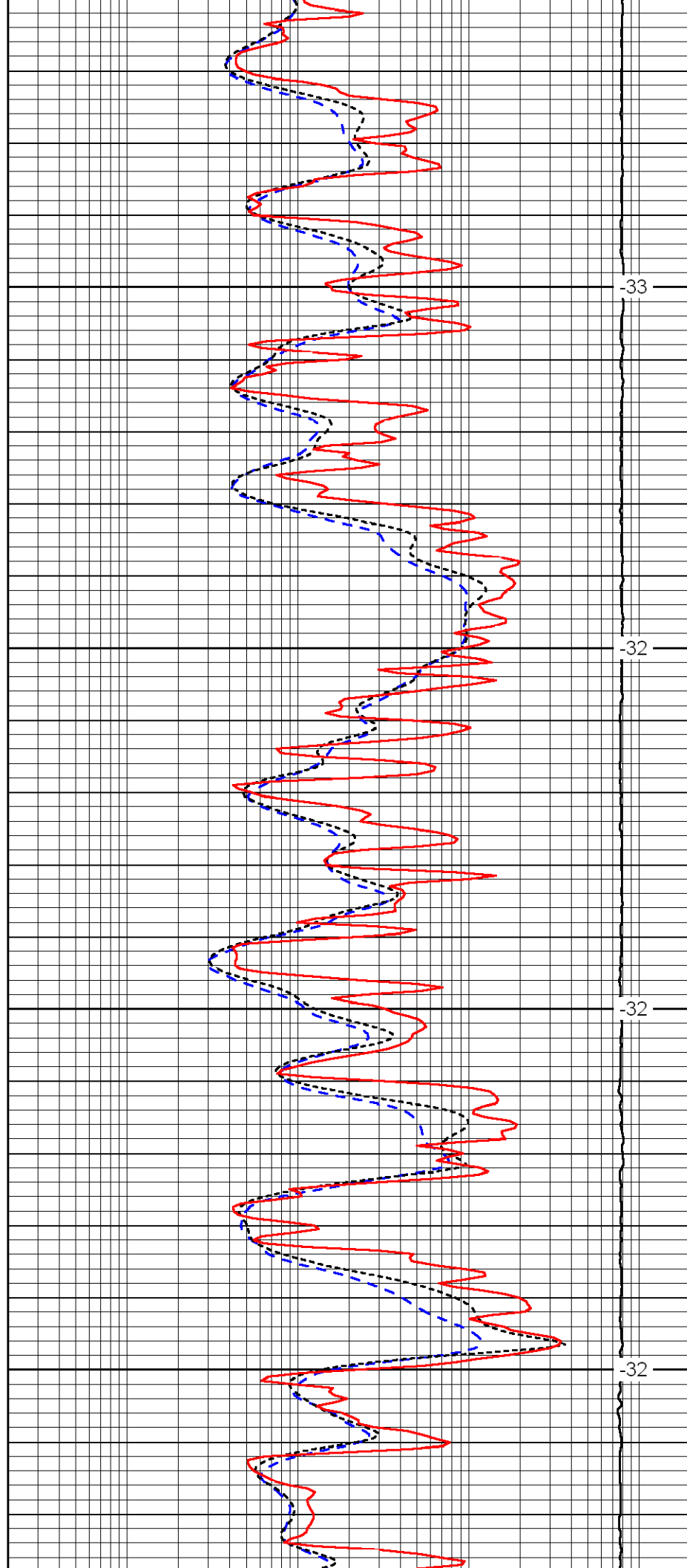


3400

3450

3500

3550

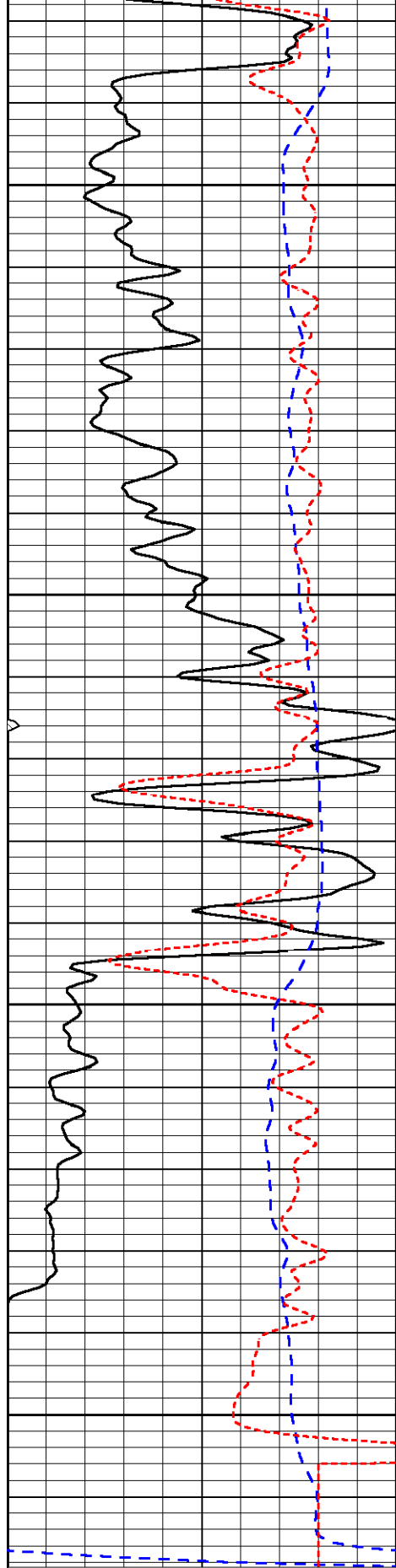


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-32

-32

-32



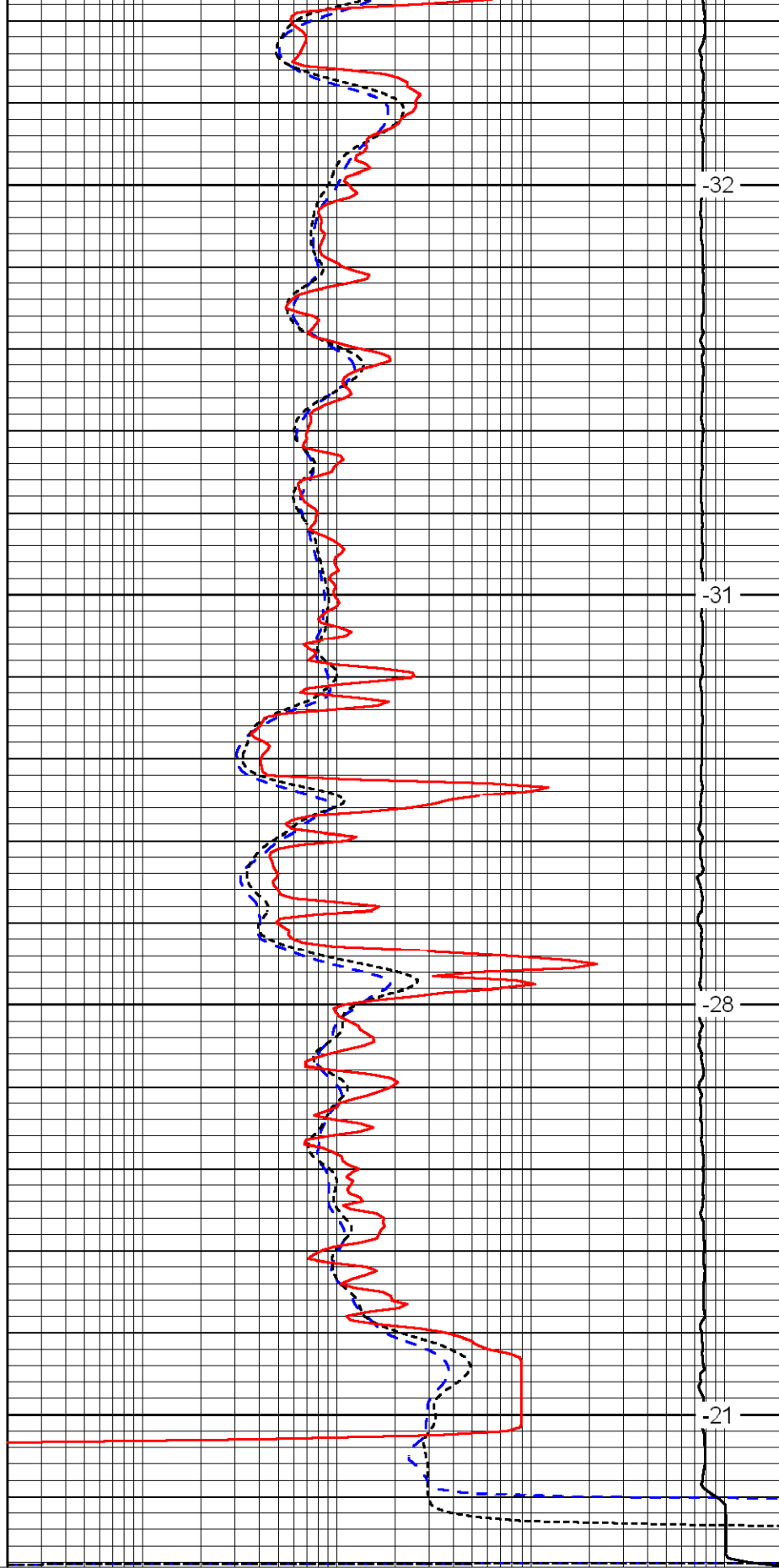
0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

3600

3650

3700

3750



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

-32

-31

-28

-21

LSPD
(ft/min)

[illegible]