



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-195-22,618-00-00	
Company	Murfin Drilling Company, Inc.	
Well	Dietz "L" 1-8	
Field	Wildcat	
County	Trego	State
		Kansas
Location	1750' FNL & 1450' FEL	
Sec: 8	Twp: 12S	Rge: 24W
Permanent Datum	Ground Level	Elevation 2489
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 2494
		D.F. 2489
		G.L. 2489

Date	08/27/2009	
Run Number	One	
Depth Driller	4470	
Depth Logger	4468	
Bottom Logged Interval	4467	
Top Log Interval	00	
Casing Driller	8.625 @ 210	
Casing Logger	205	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	4.000	
Density / Viscosity	9.1	49
pH / Fluid Loss	11.0	6.0
Source of Sample	Flowline	
Rm @ Meas. Temp	.85 @ 76	
Rmf @ Meas. Temp	.64 @ 76	
Rmc @ Meas. Temp	1.15 @ 76	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.53 @ 123	
Operating Rig Time	5 Hours	
Max Rec. Temp. F	123	
Equipment Number	17	
Location	Hays	
Recorded By	Mike Garrison	
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

Voda Exit, 1/2 North, 1/2 East, South Into

Database File: c:\warrior\data\murfin\_dietz 1 1-8\murfhd.db  
 Dataset Pathname: dil/mfnstck  
 Presentation Format: dil2in  
 Dataset Creation: Thu Aug 27 05:43:44 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

LSPD  
(ft/min)

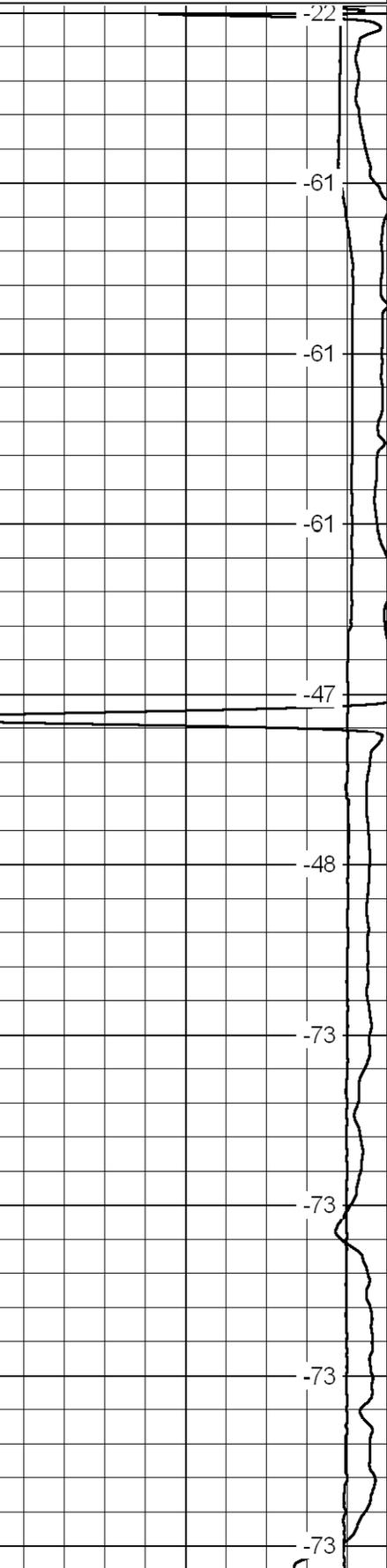
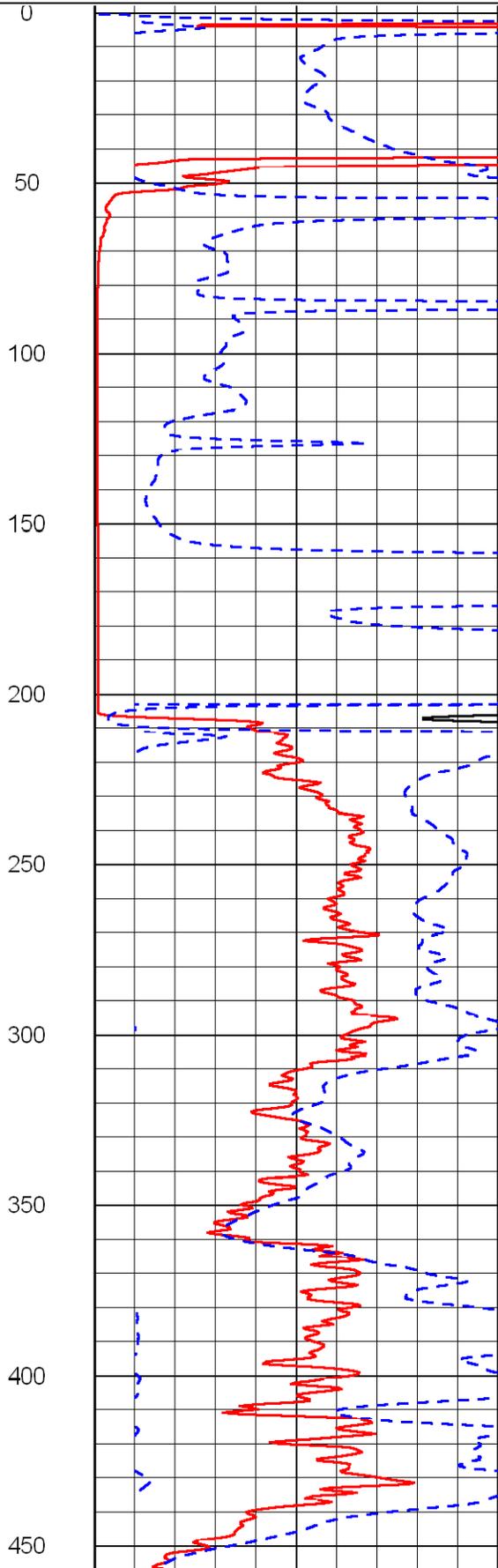
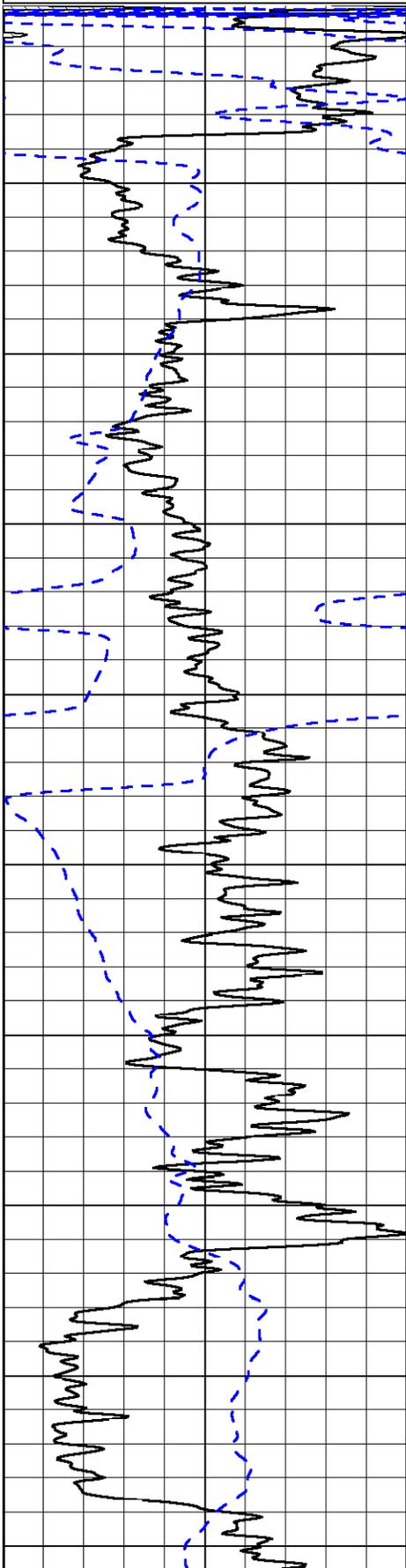
1000 Conductivity (mmho/m) 0

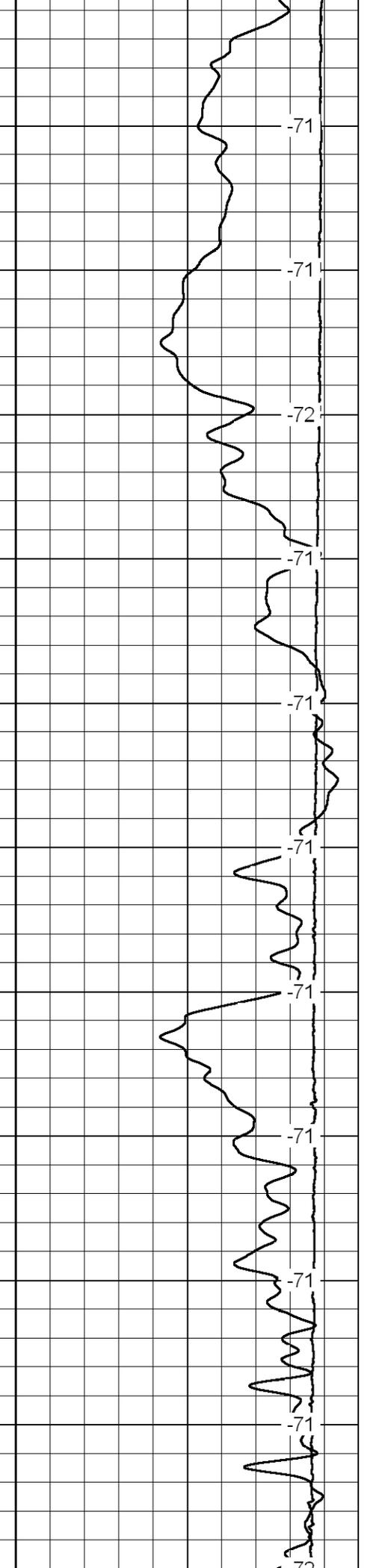
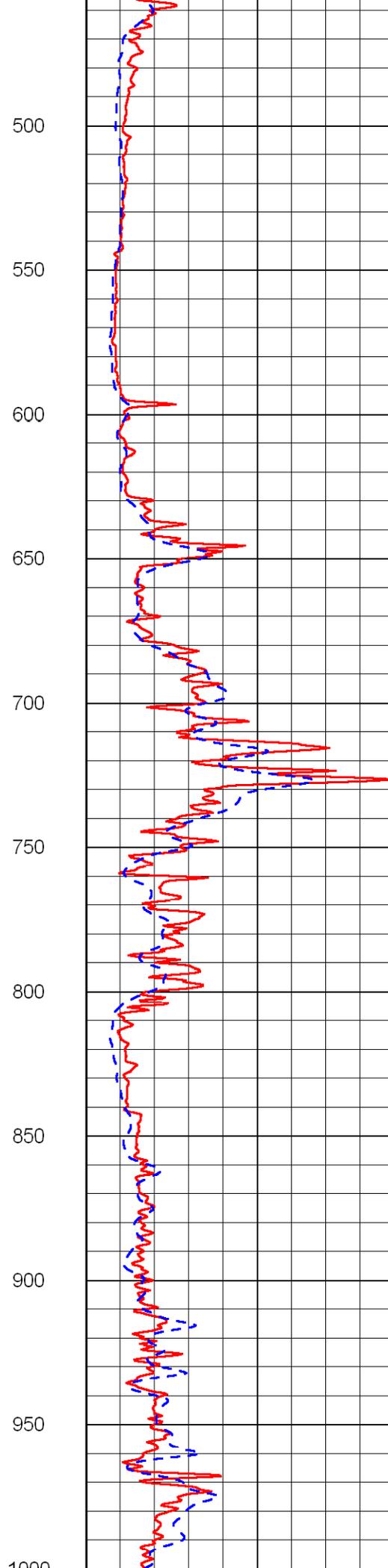
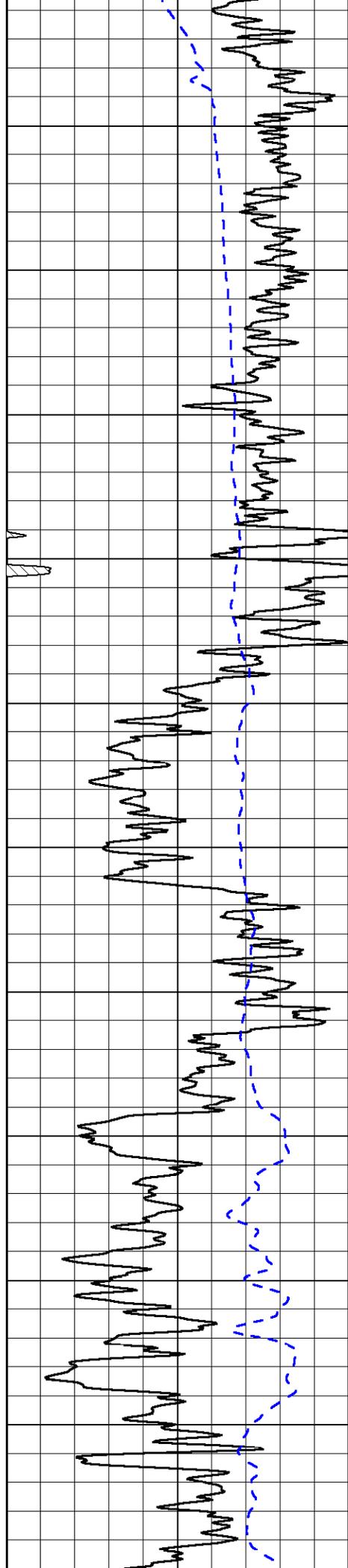
15000 Line Tension (lb) 0

Shallow Resistivity

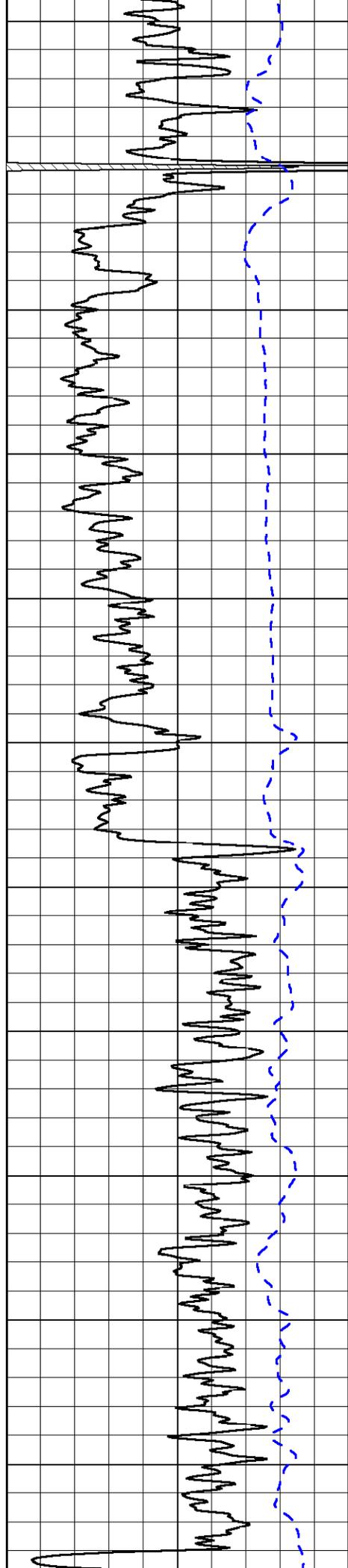
50 (Ohm-m) 500

50 Deep Resistivity (Ohm-m) 500

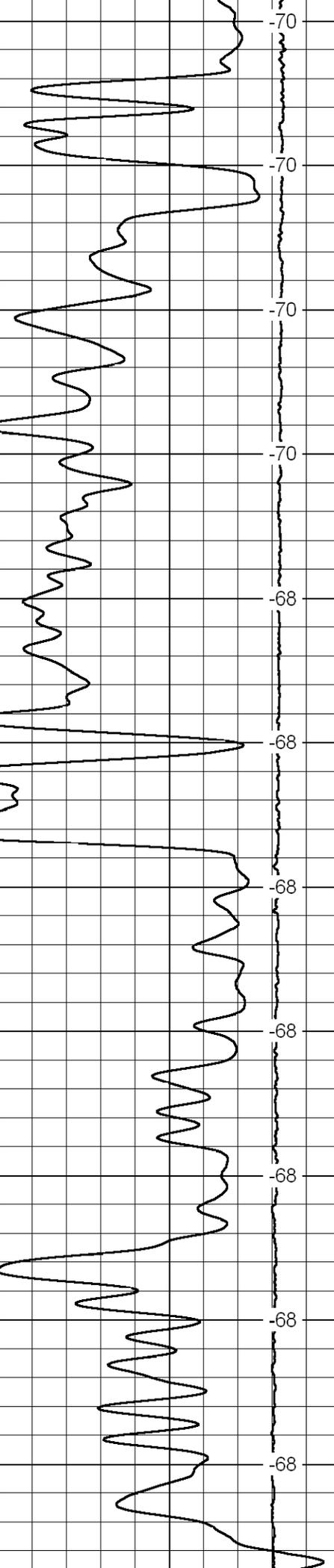
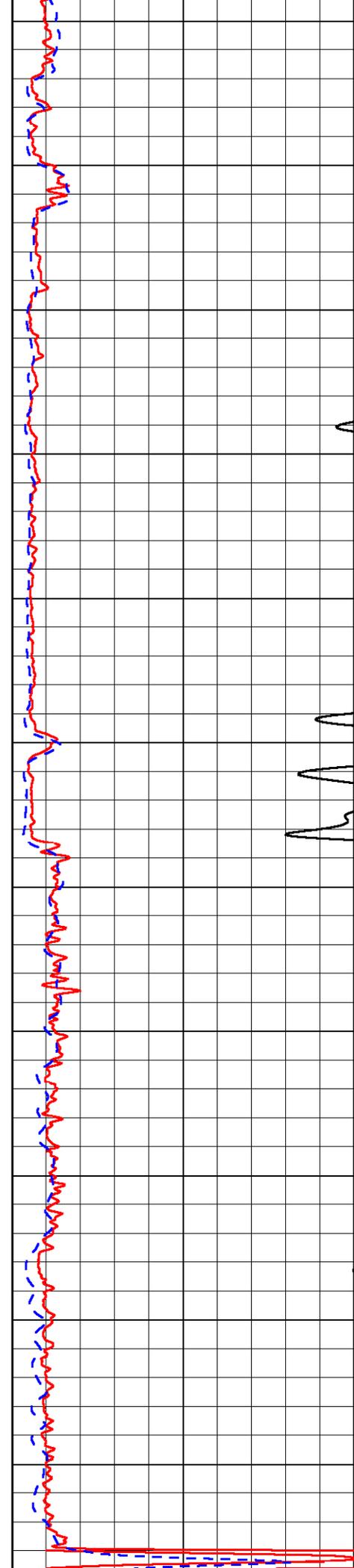




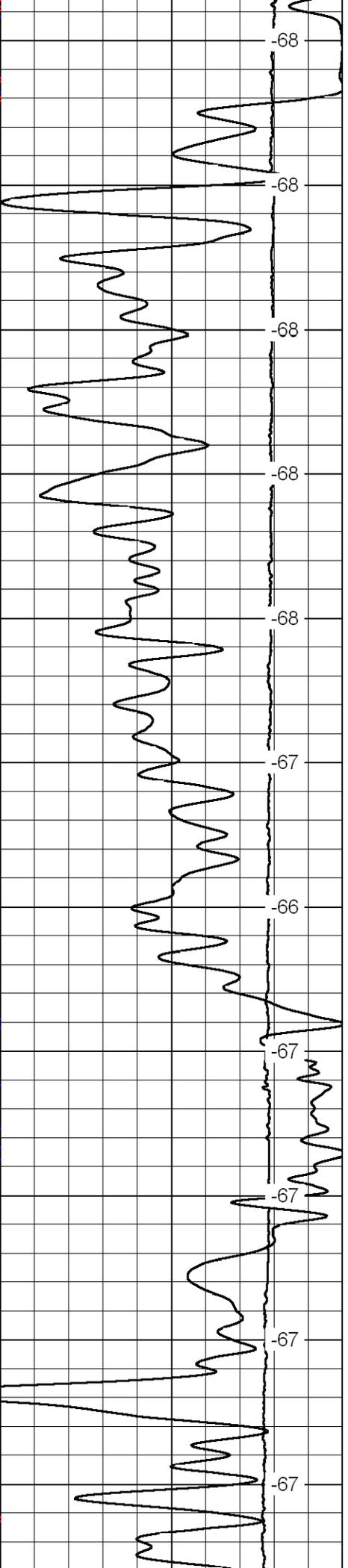
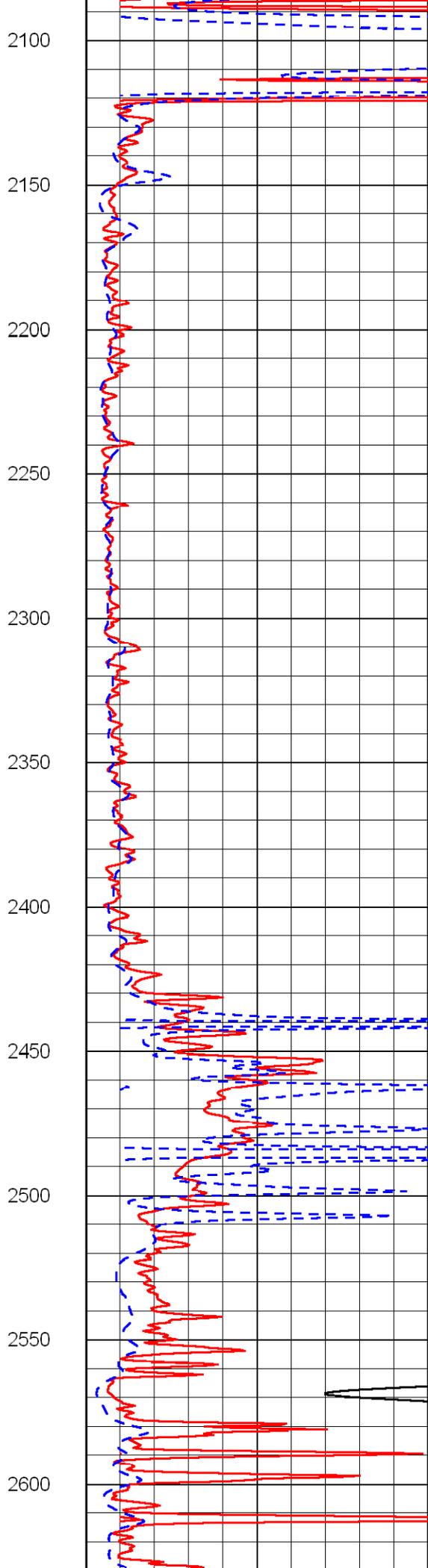
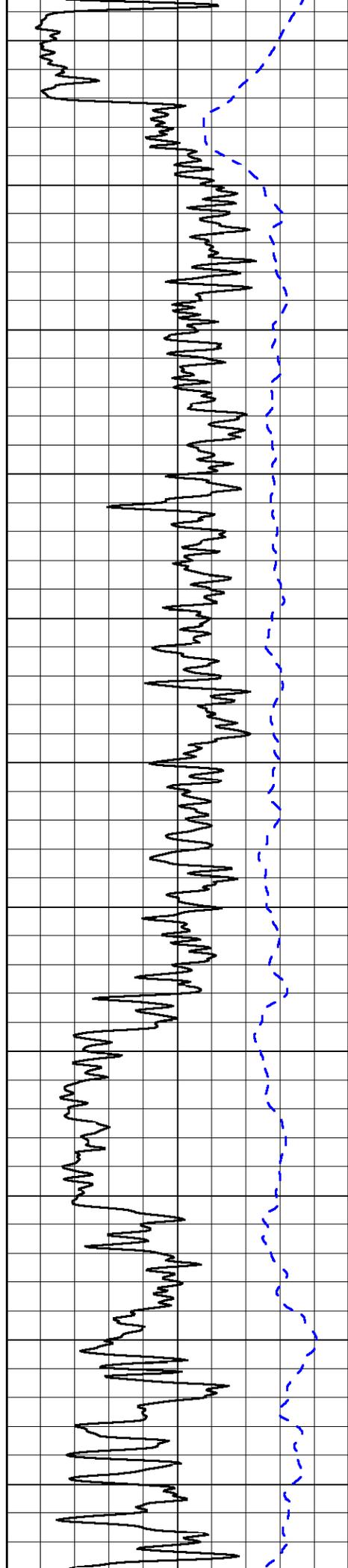


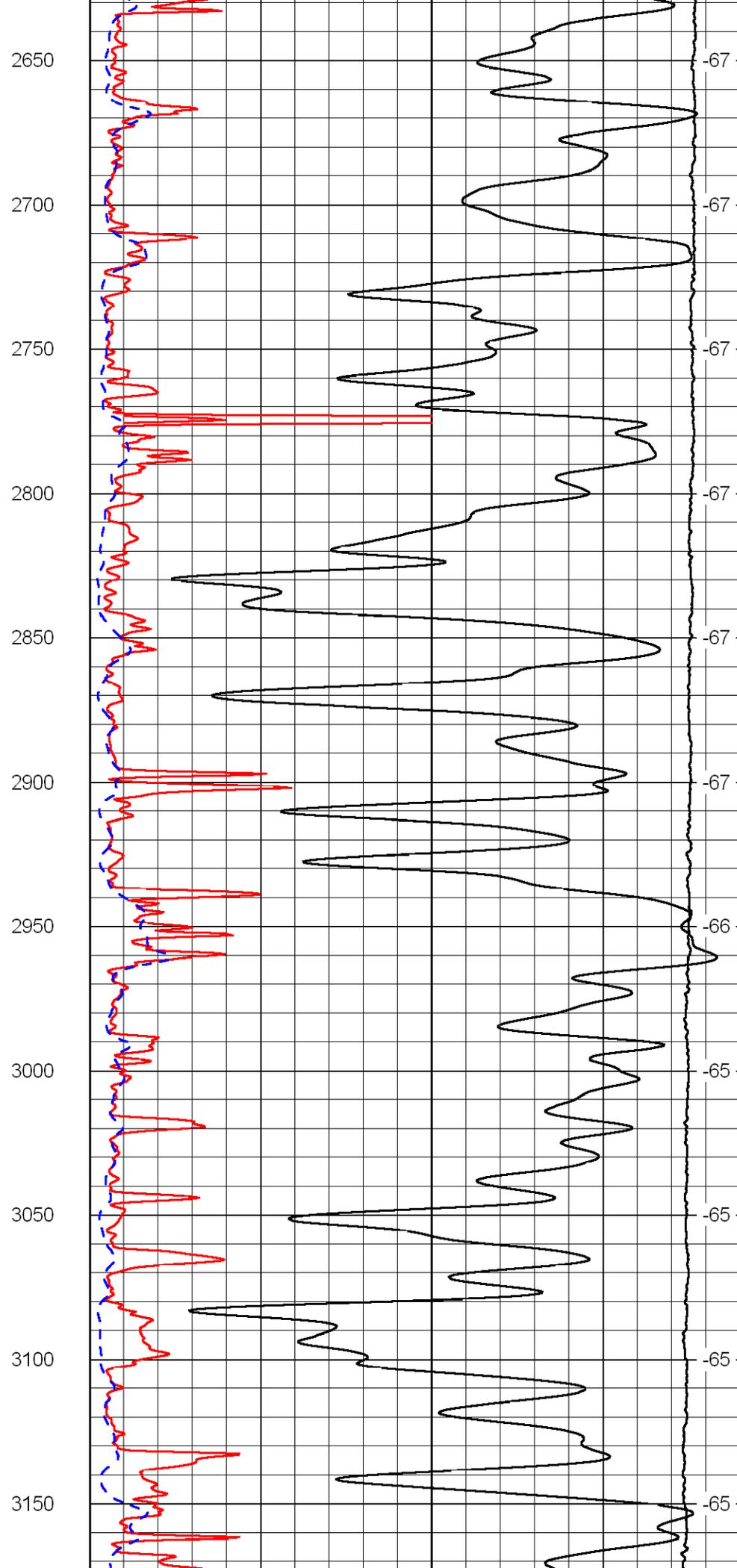
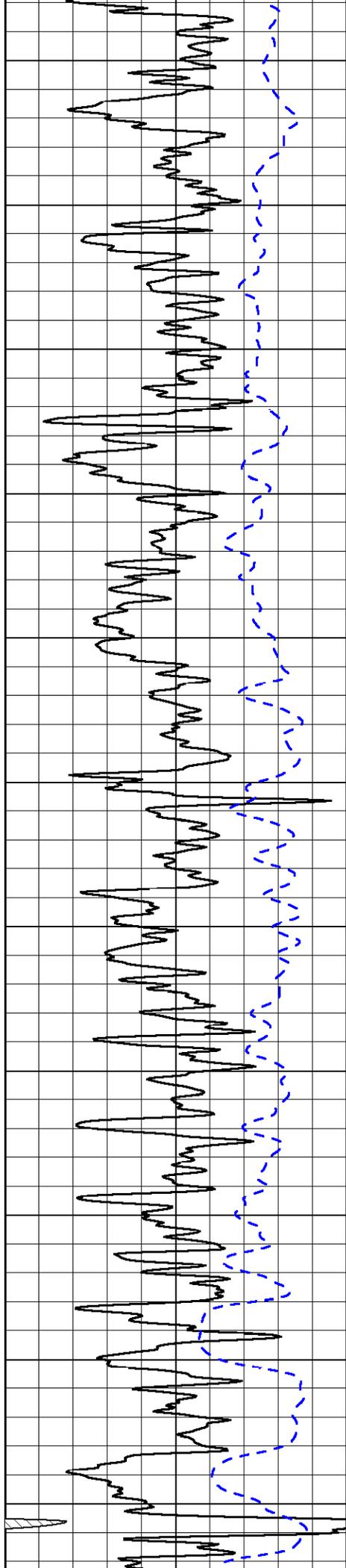


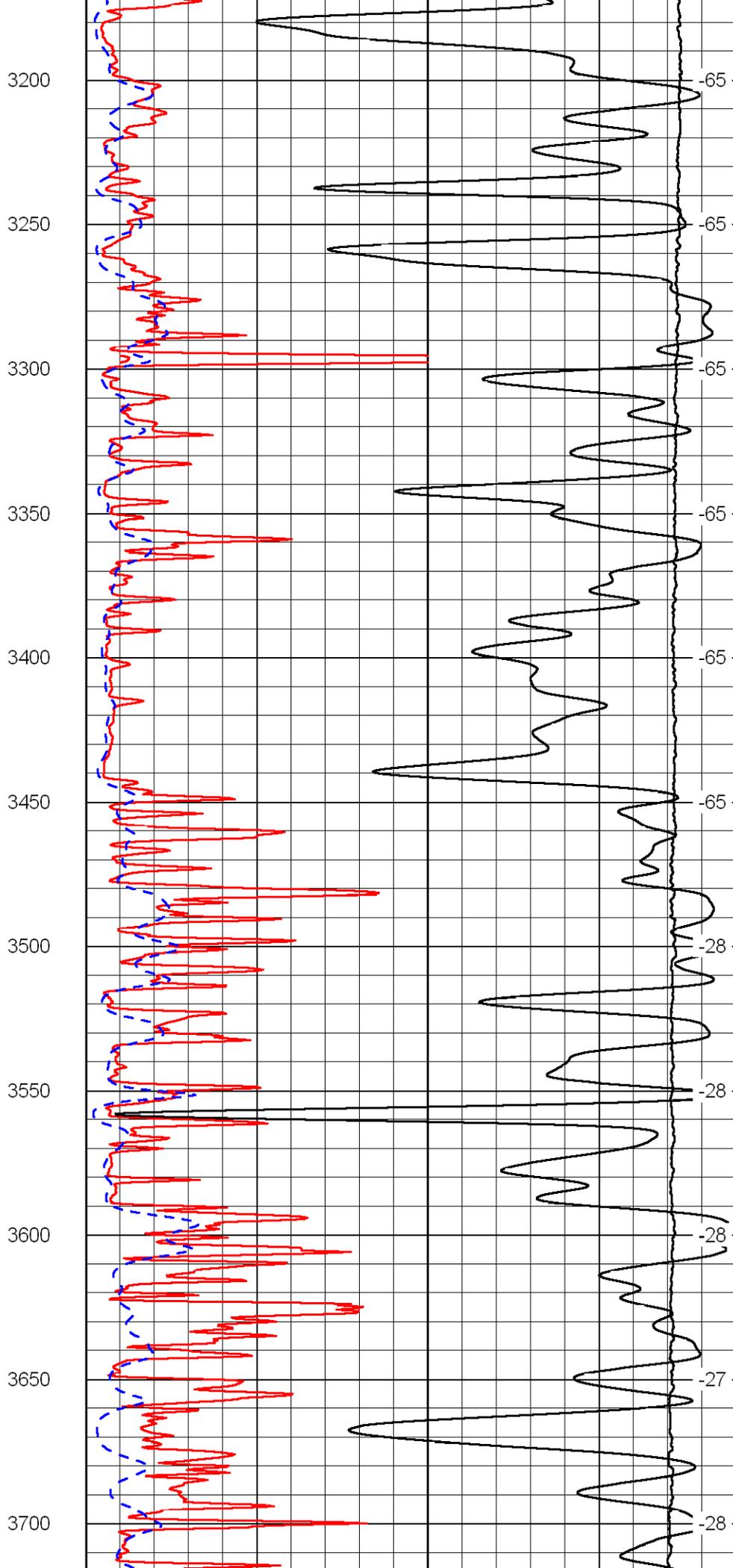
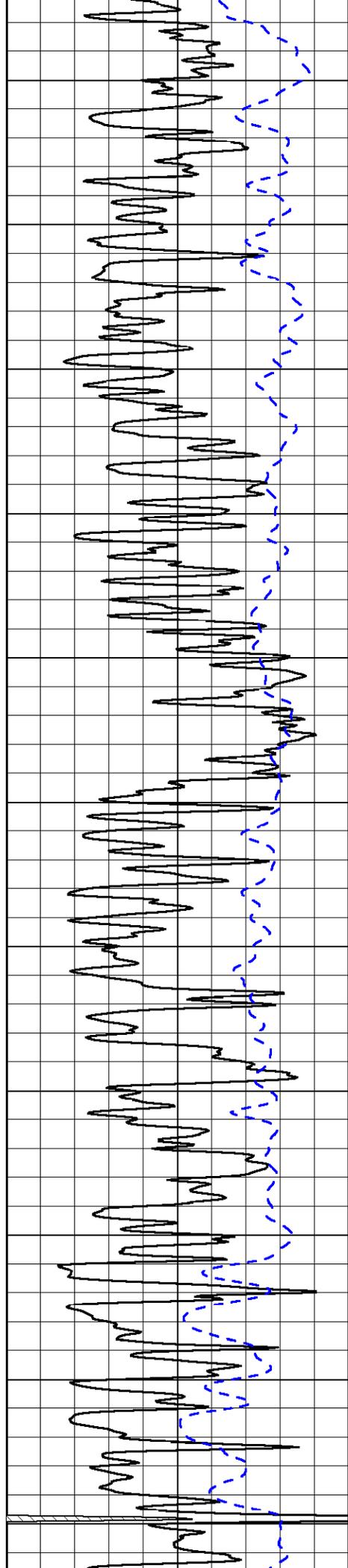
1550  
1600  
1650  
1700  
1750  
1800  
1850  
1900  
1950  
2000  
2050

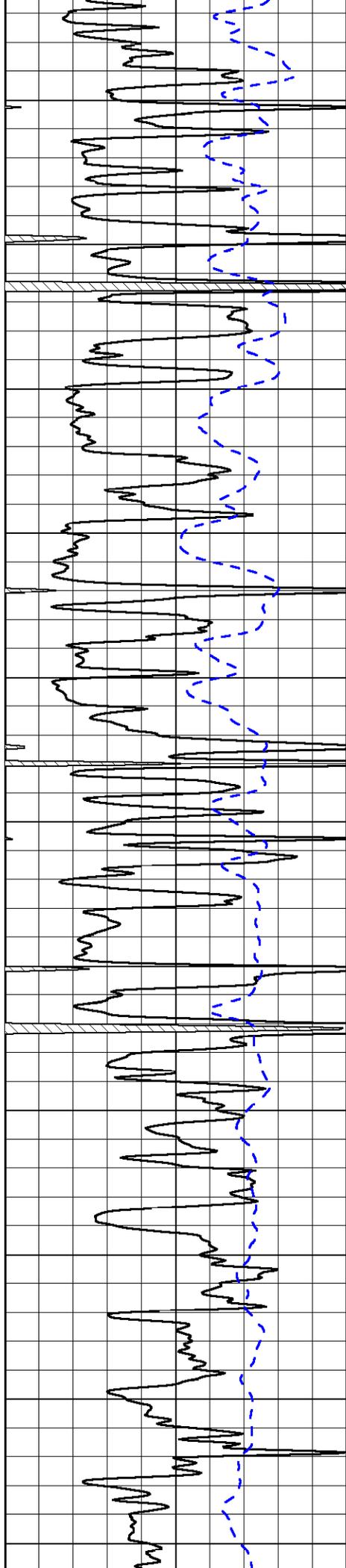


-70  
-70  
-70  
-70  
-68  
-68  
-68  
-68  
-68  
-68  
-68  
-68









3750

3800

3850

3900

3950

4000

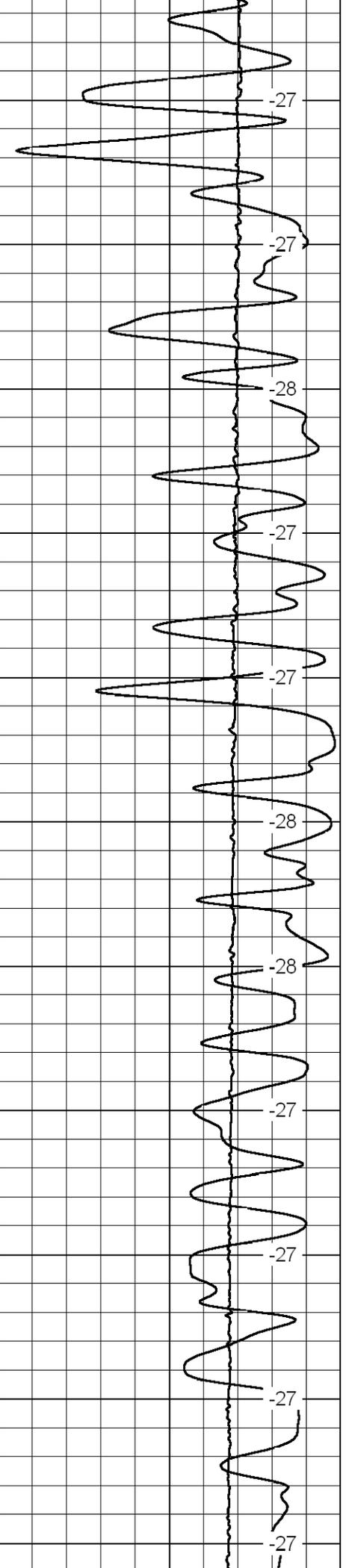
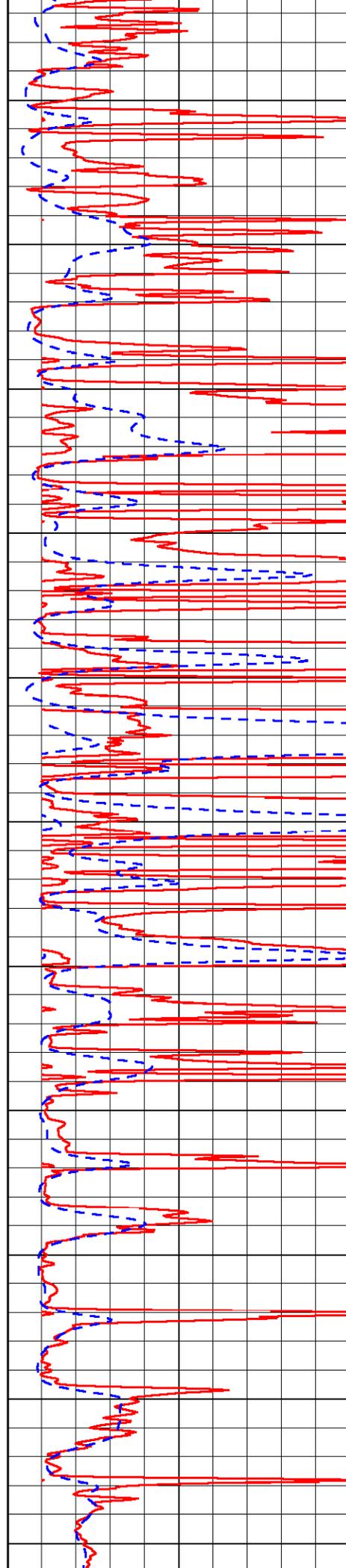
4050

4100

4150

4200

4250



-27

-27

-28

-27

-27

-28

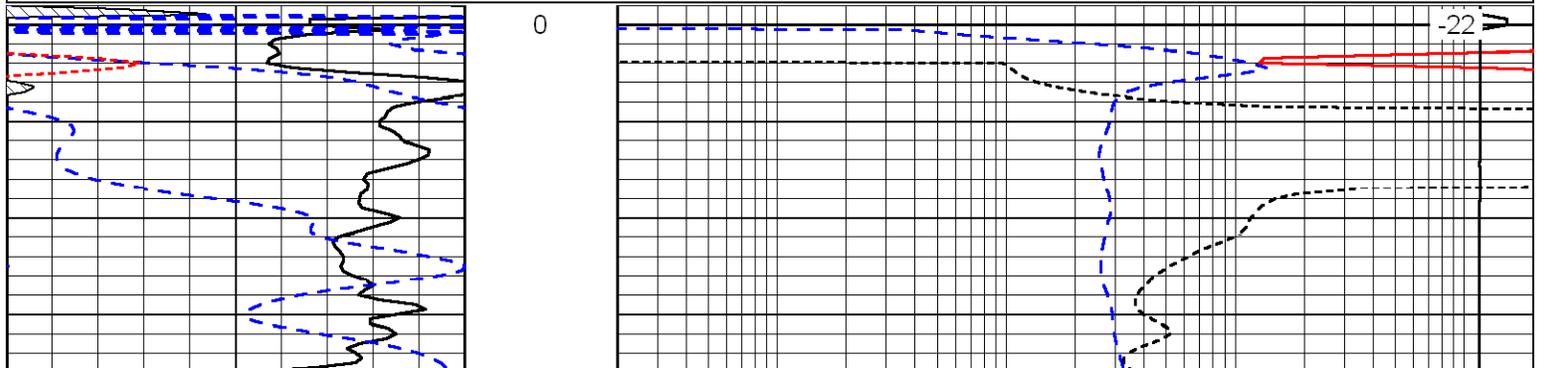
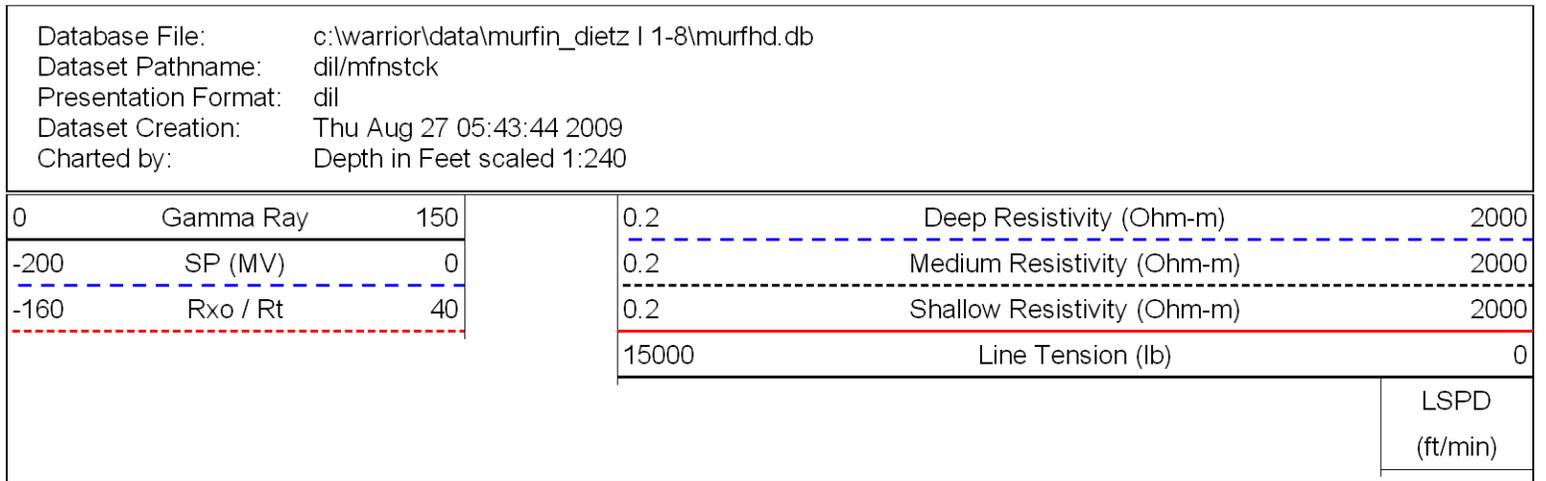
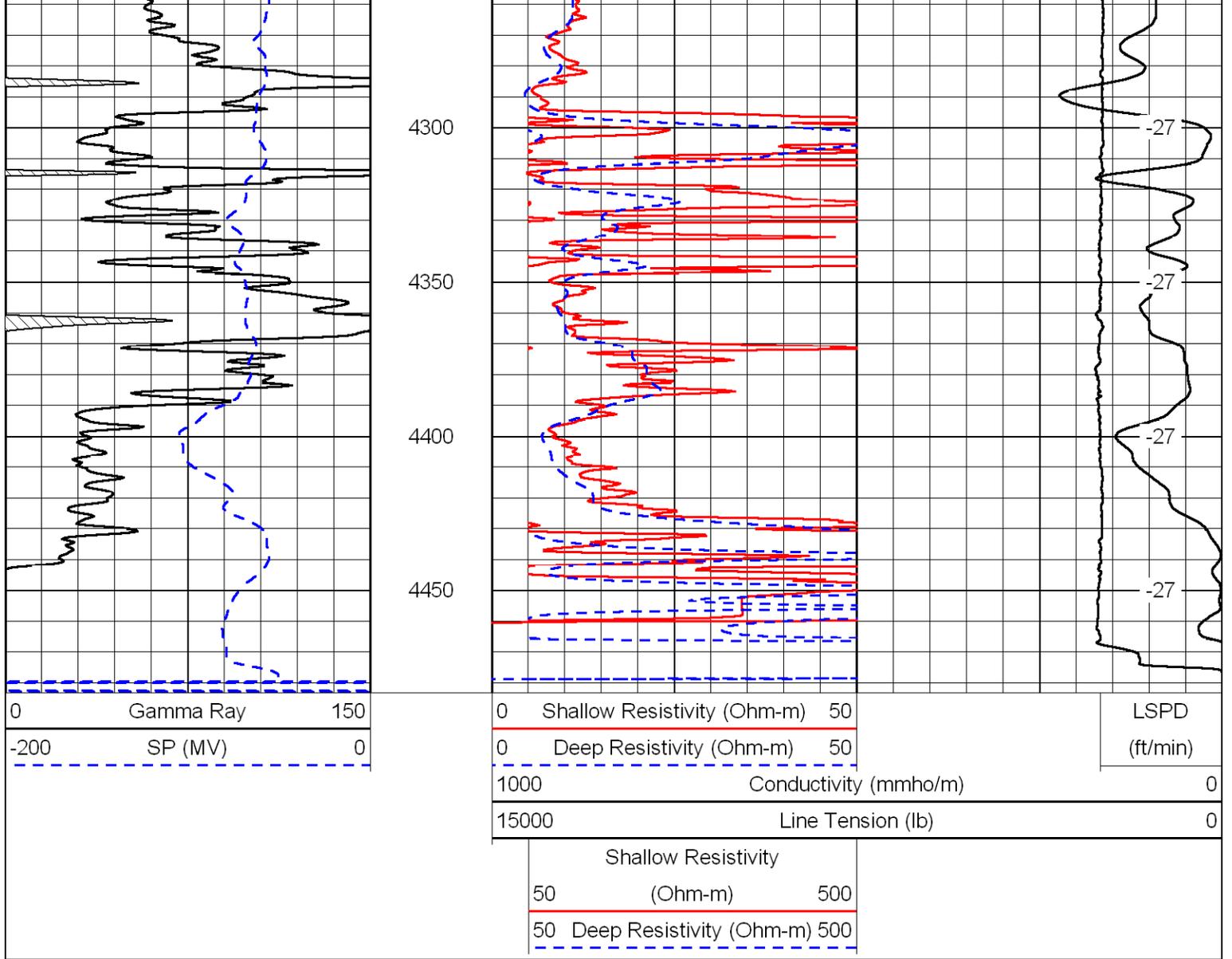
-28

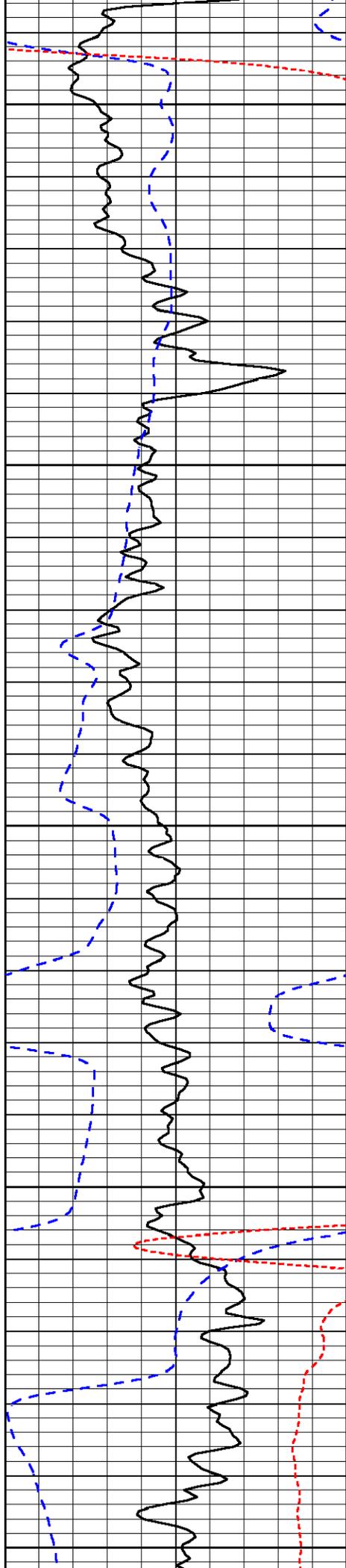
-27

-27

-27

-27





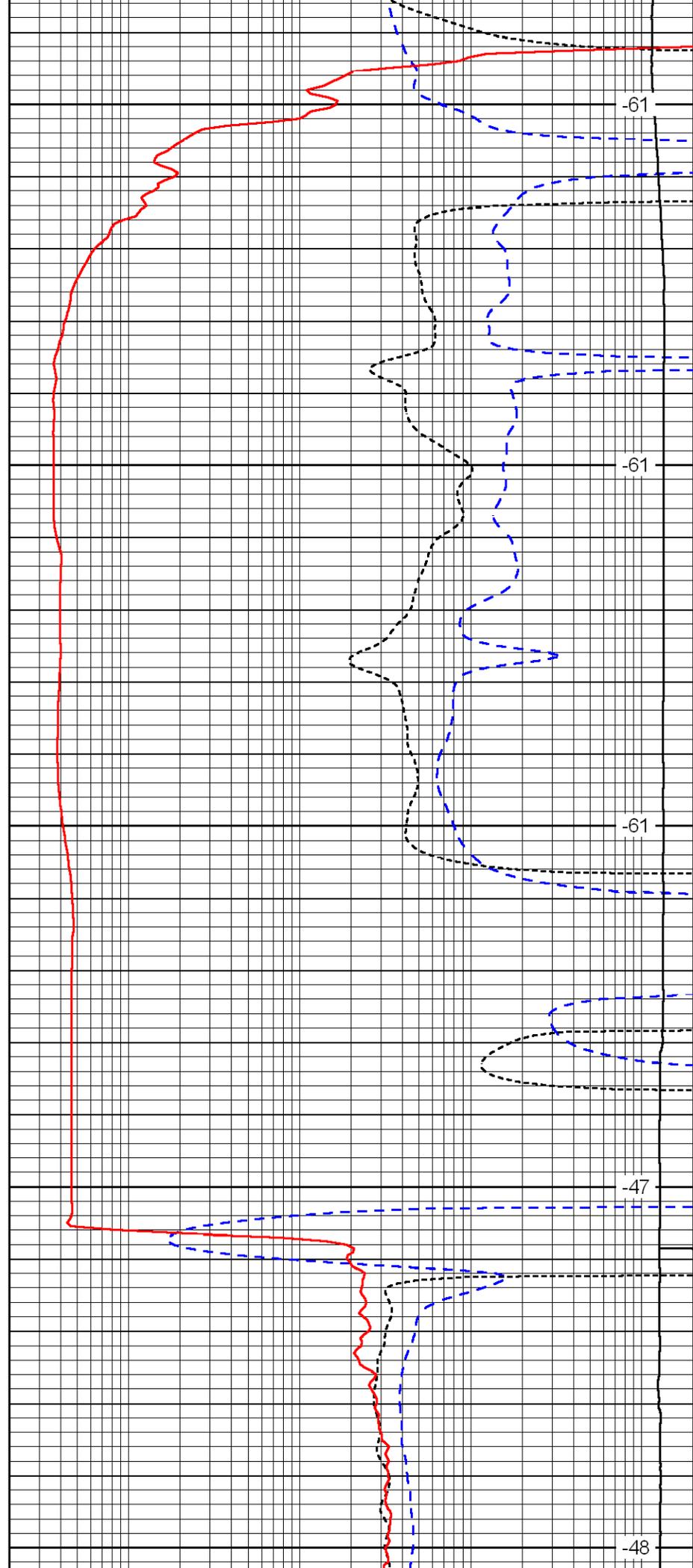
50

100

150

200

250



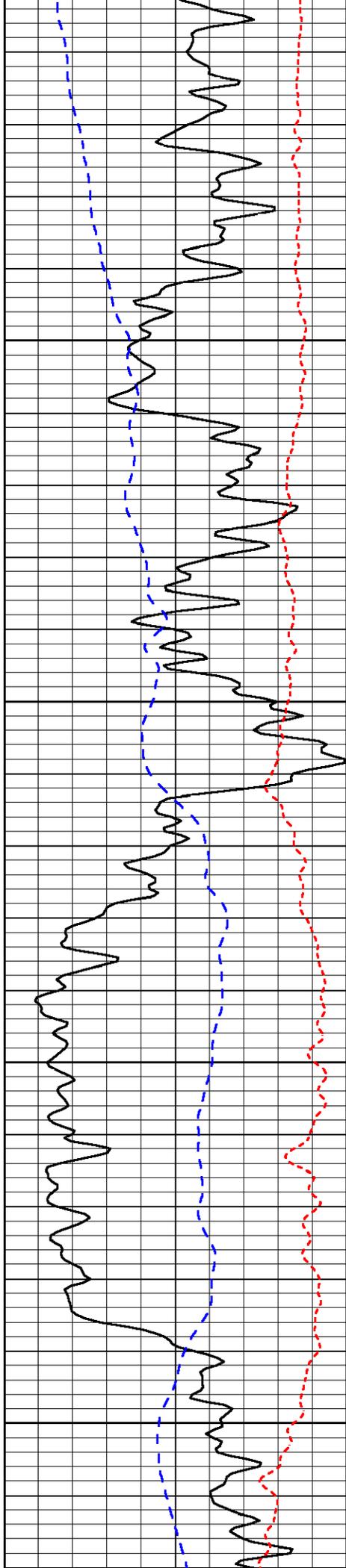
-61

-61

-61

-47

-48

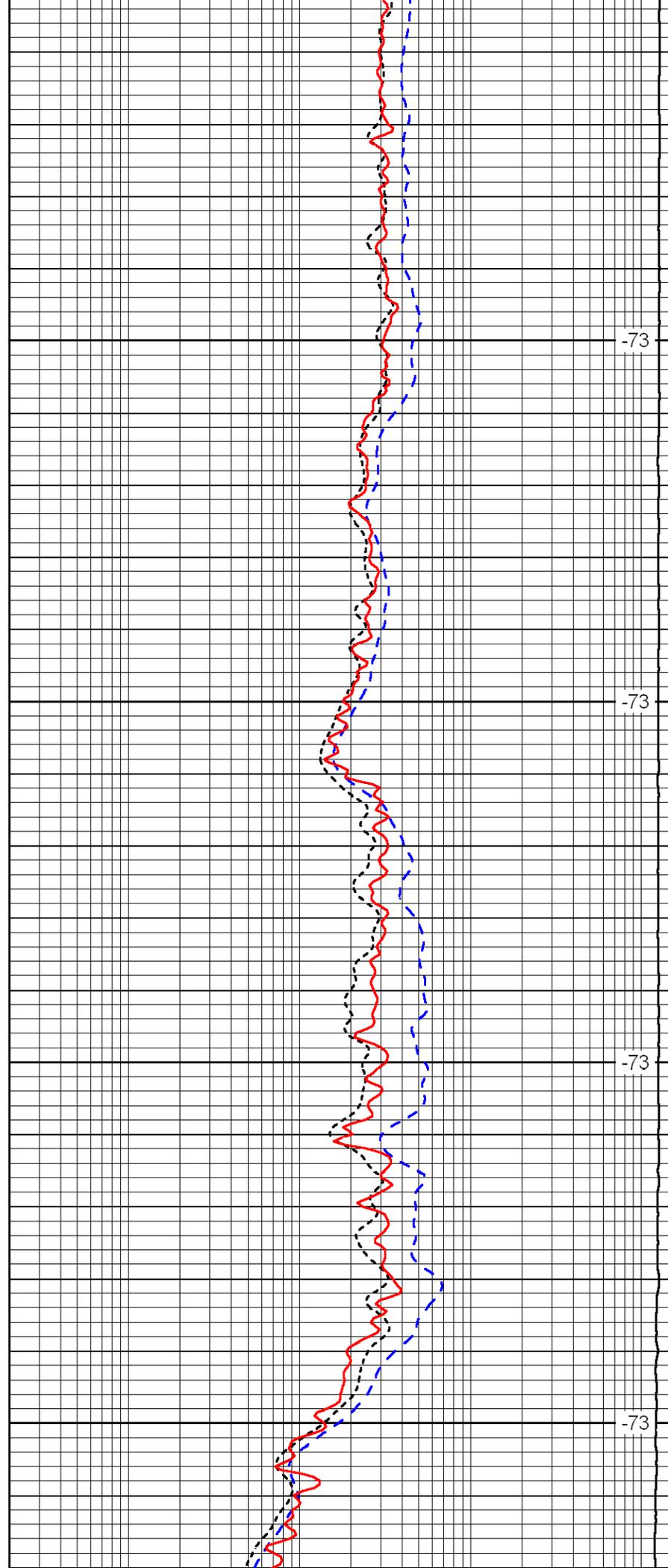


300

350

400

450

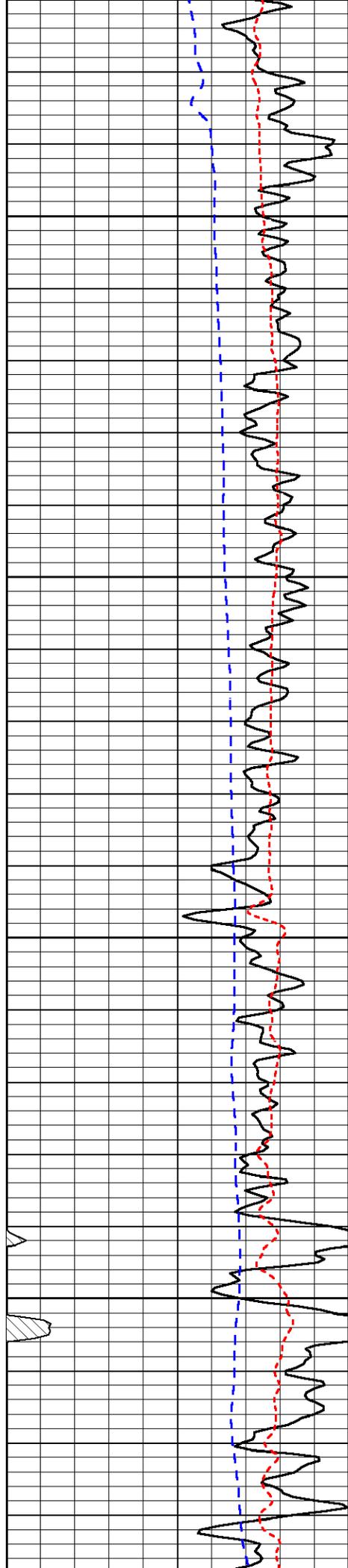


-73

-73

-73

-73

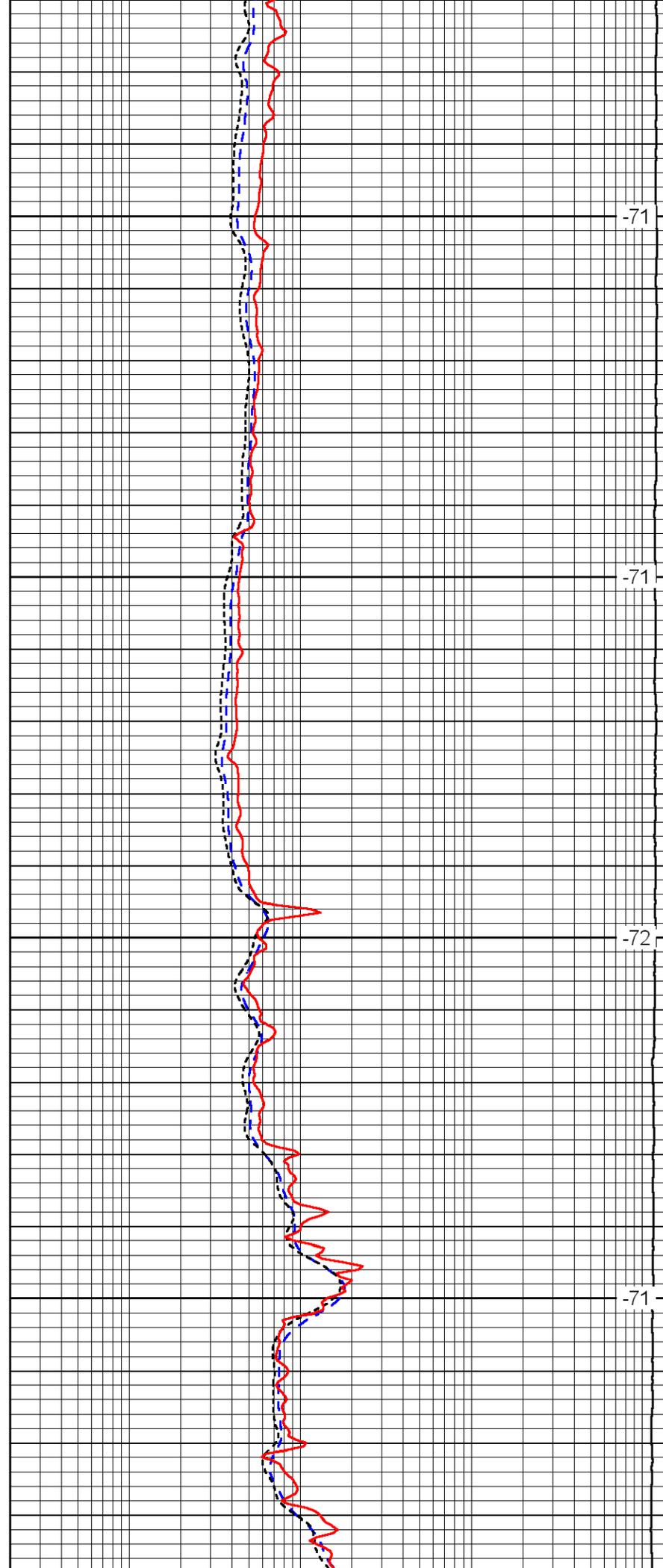


500

550

600

650

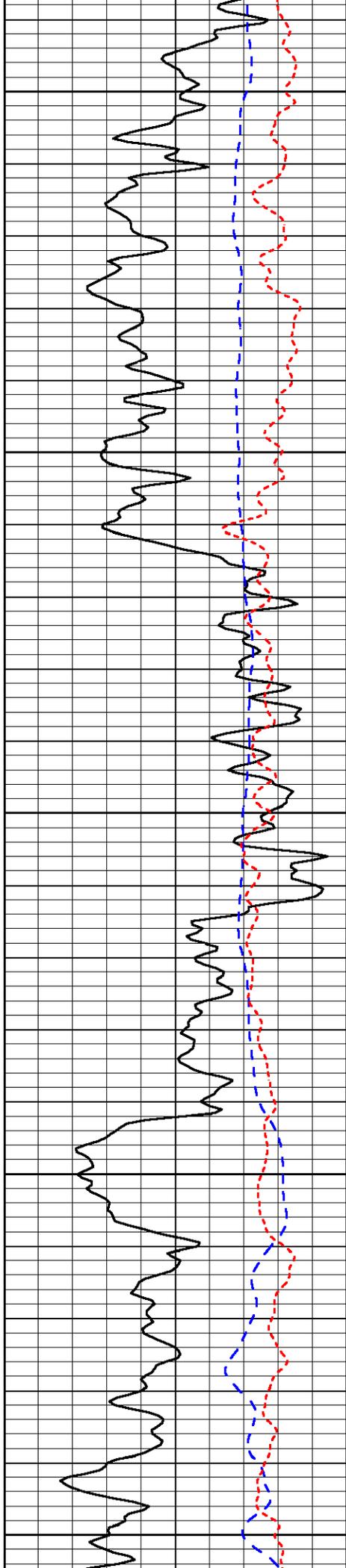


-71

-71

-72

-71



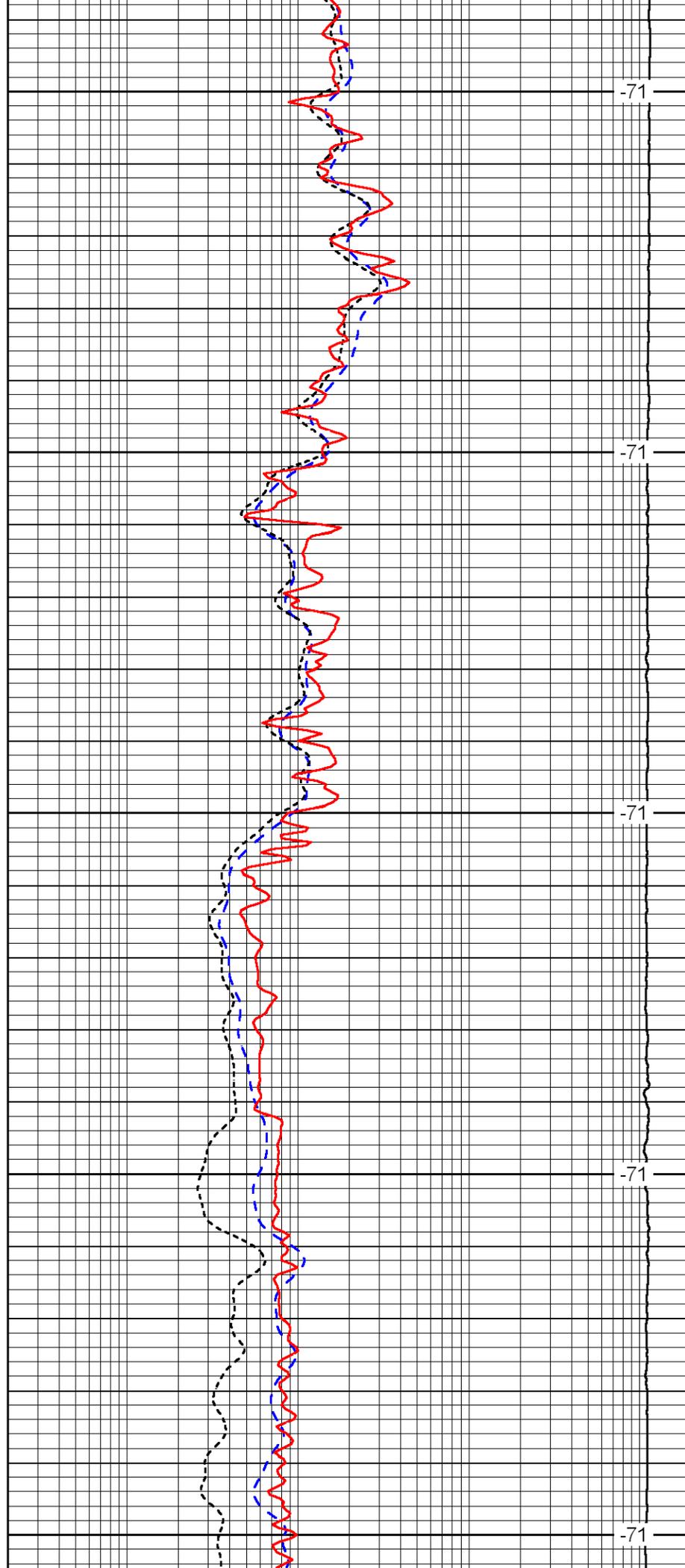
700

750

800

850

900



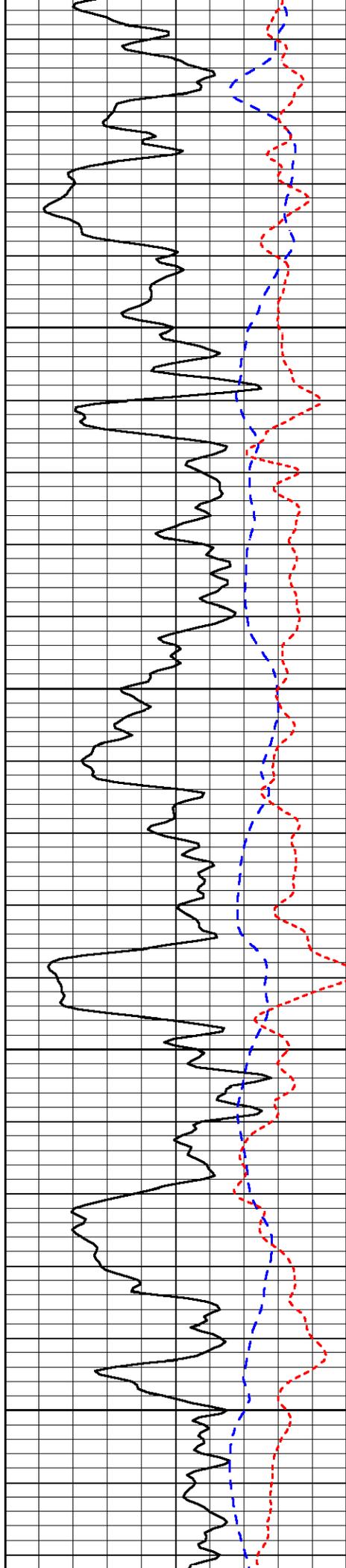
-71

-71

-71

-71

-71

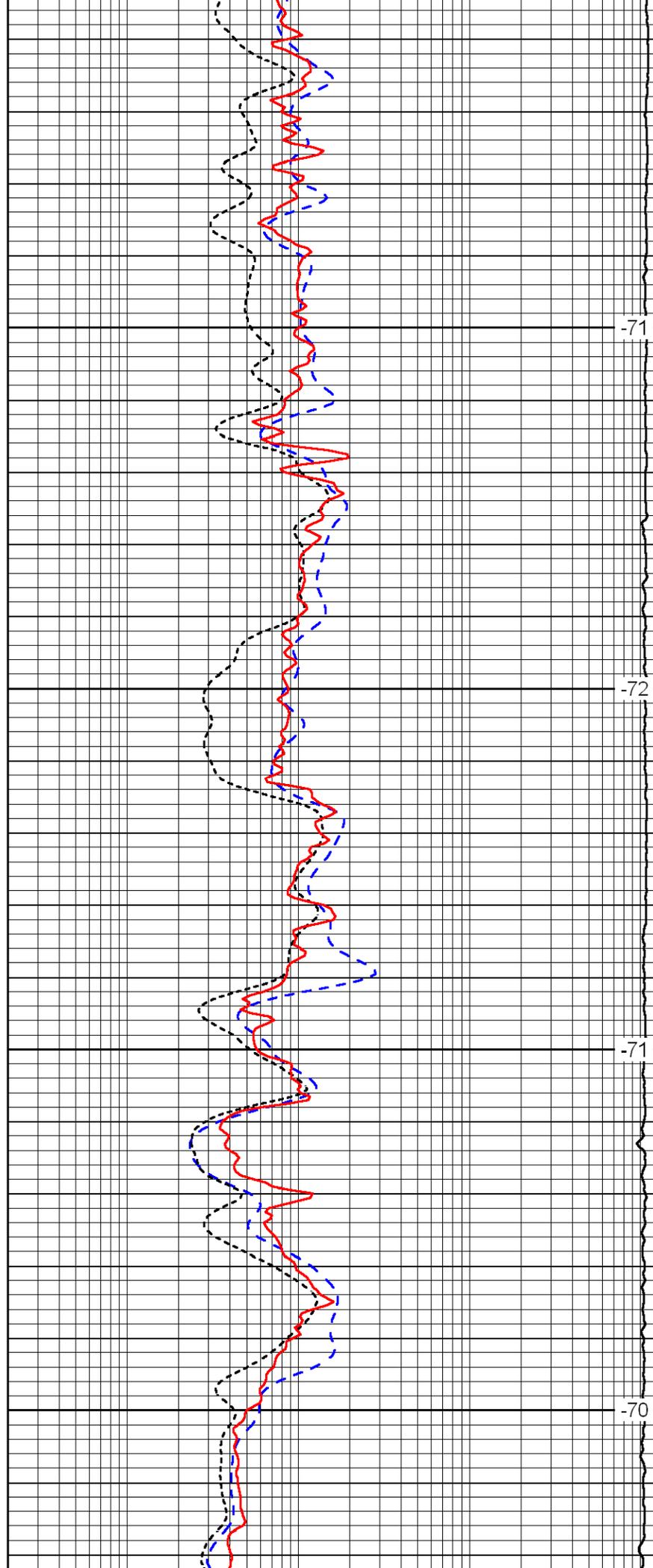


950

1000

1050

1100

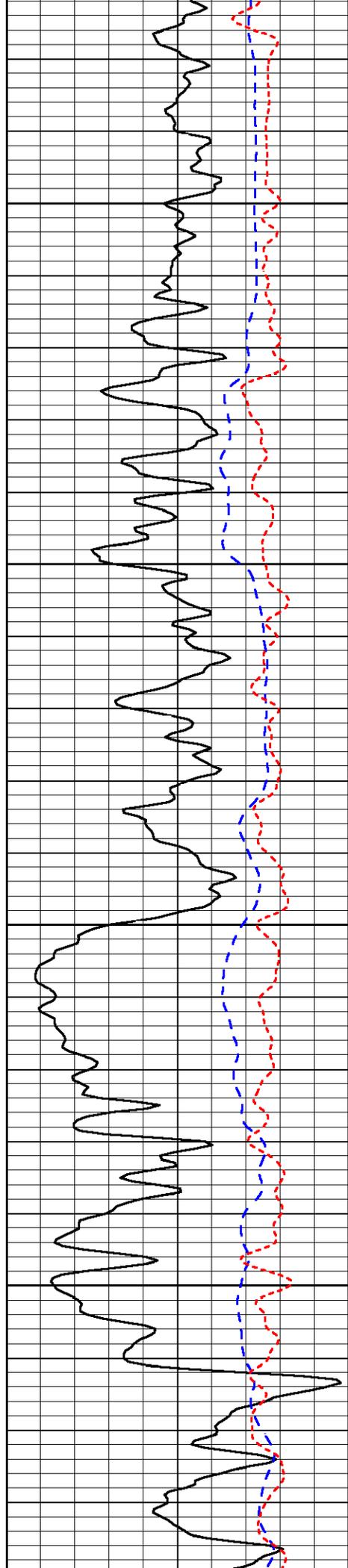


-71

-72

-71

-70

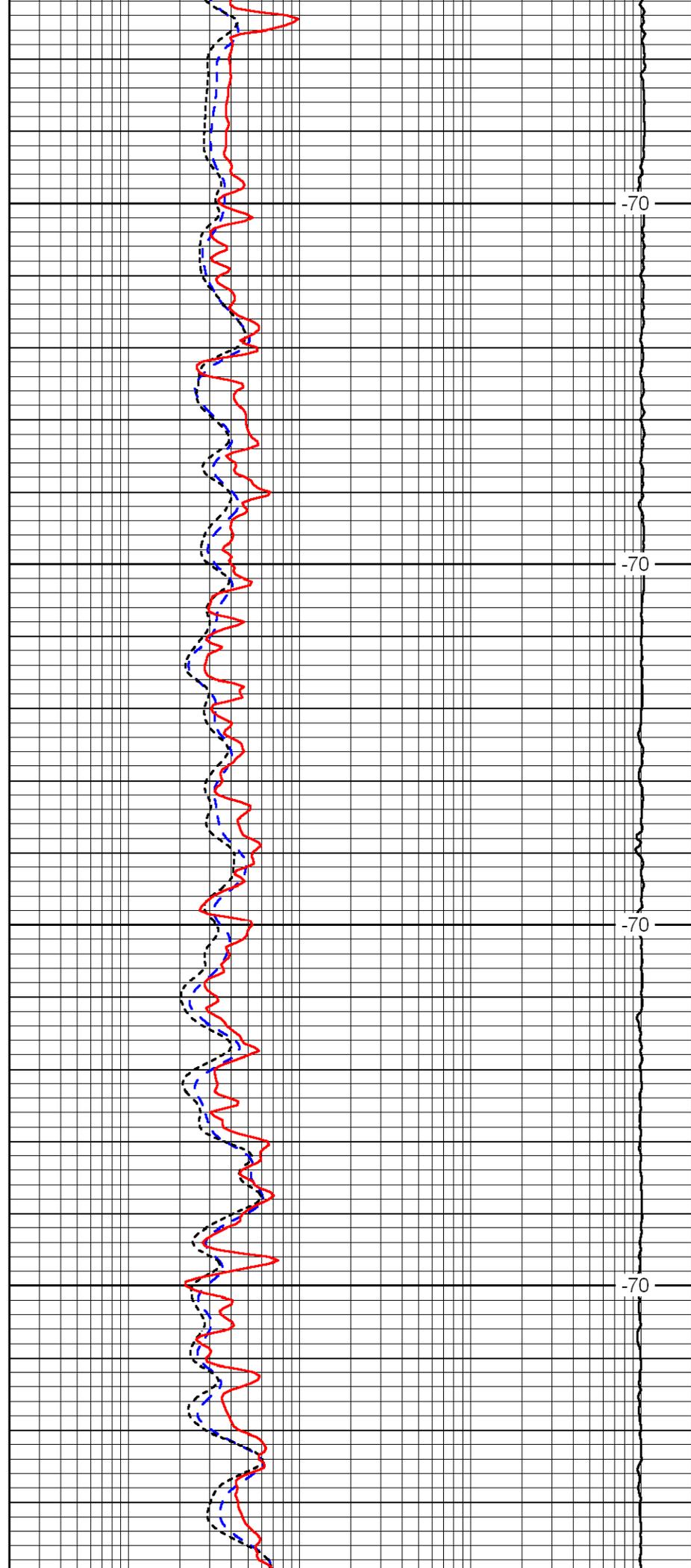


1150

1200

1250

1300

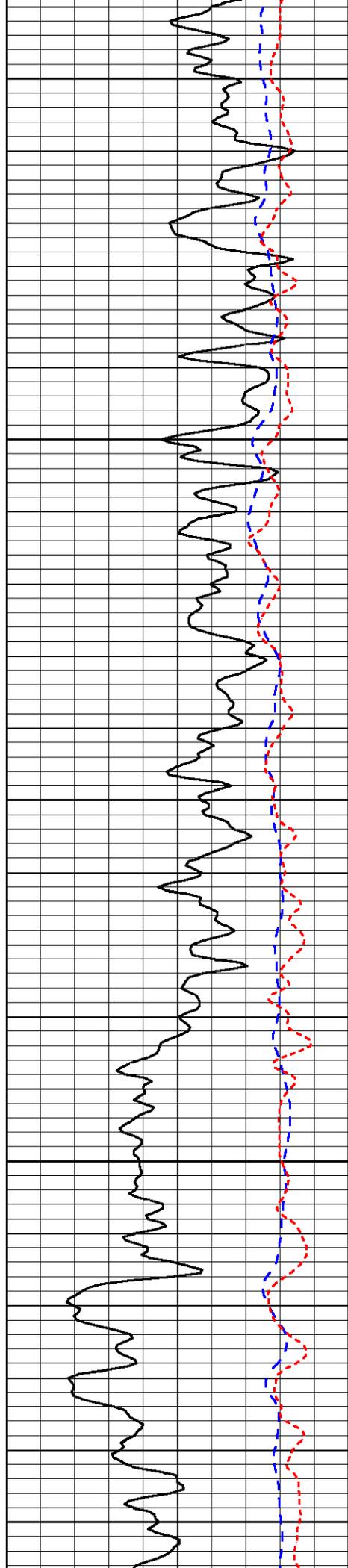


-70

-70

-70

-70



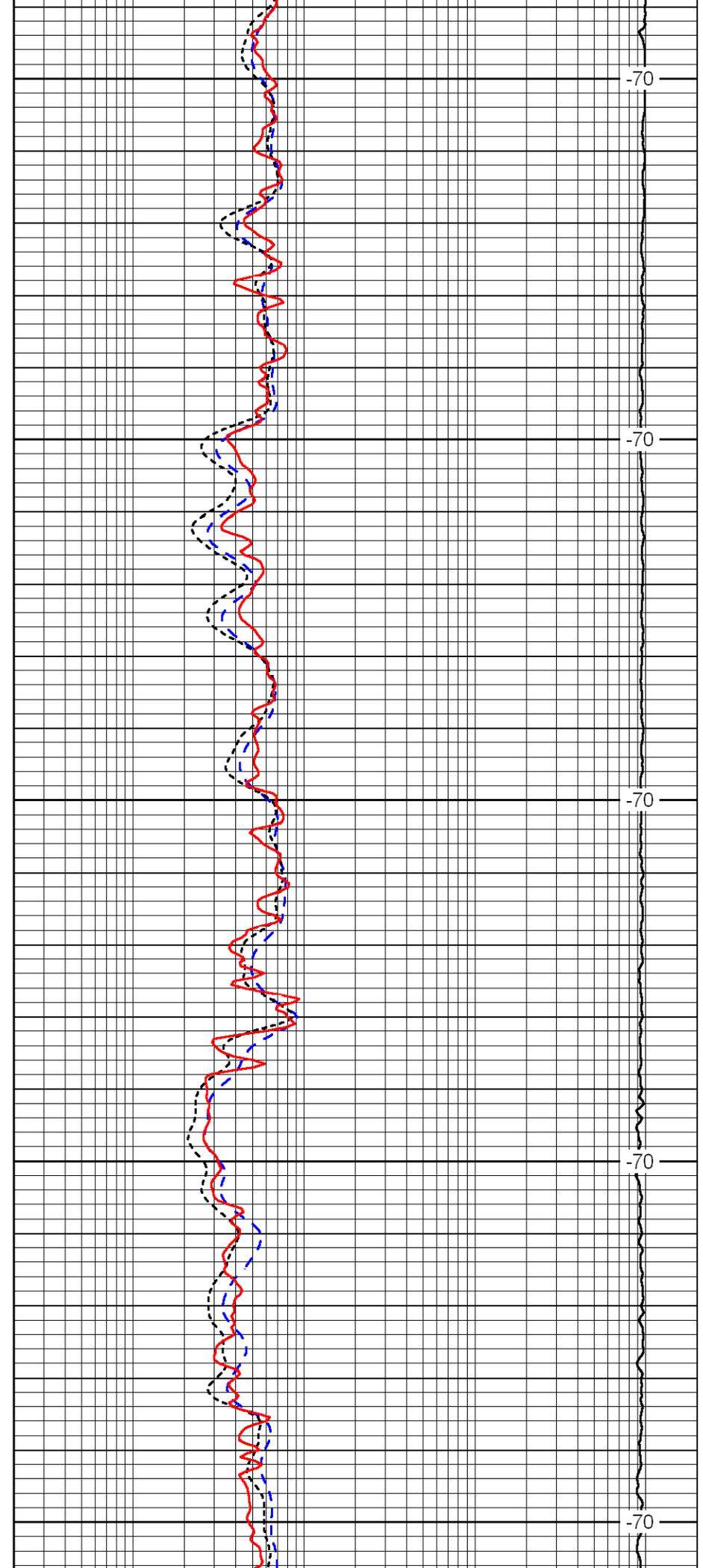
1350

1400

1450

1500

1550



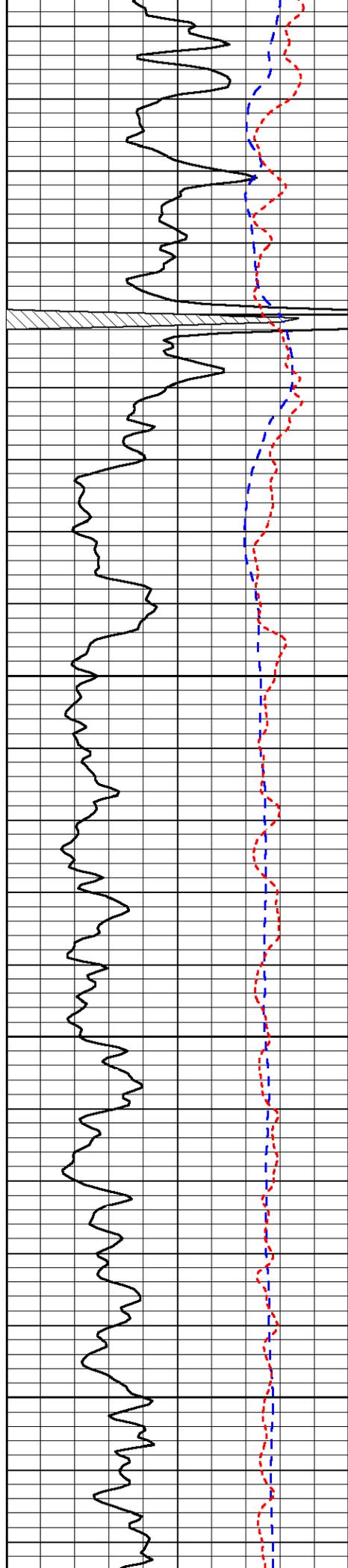
-70

-70

-70

-70

-70

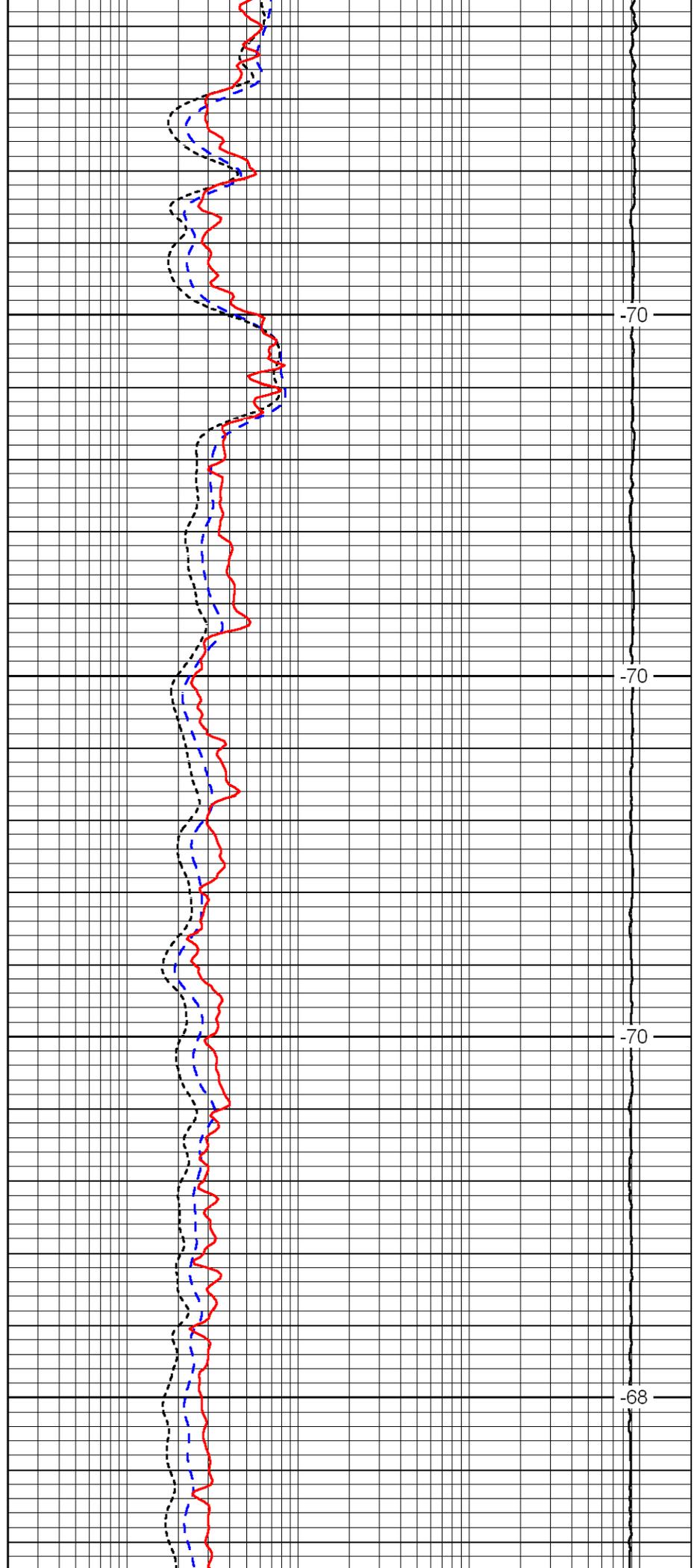


1600

1650

1700

1750

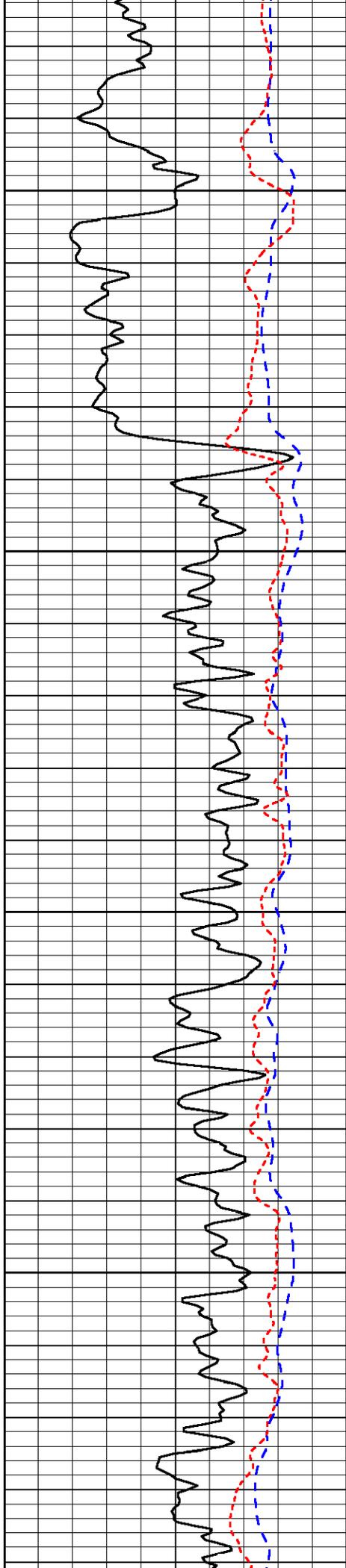


-70

-70

-70

-68

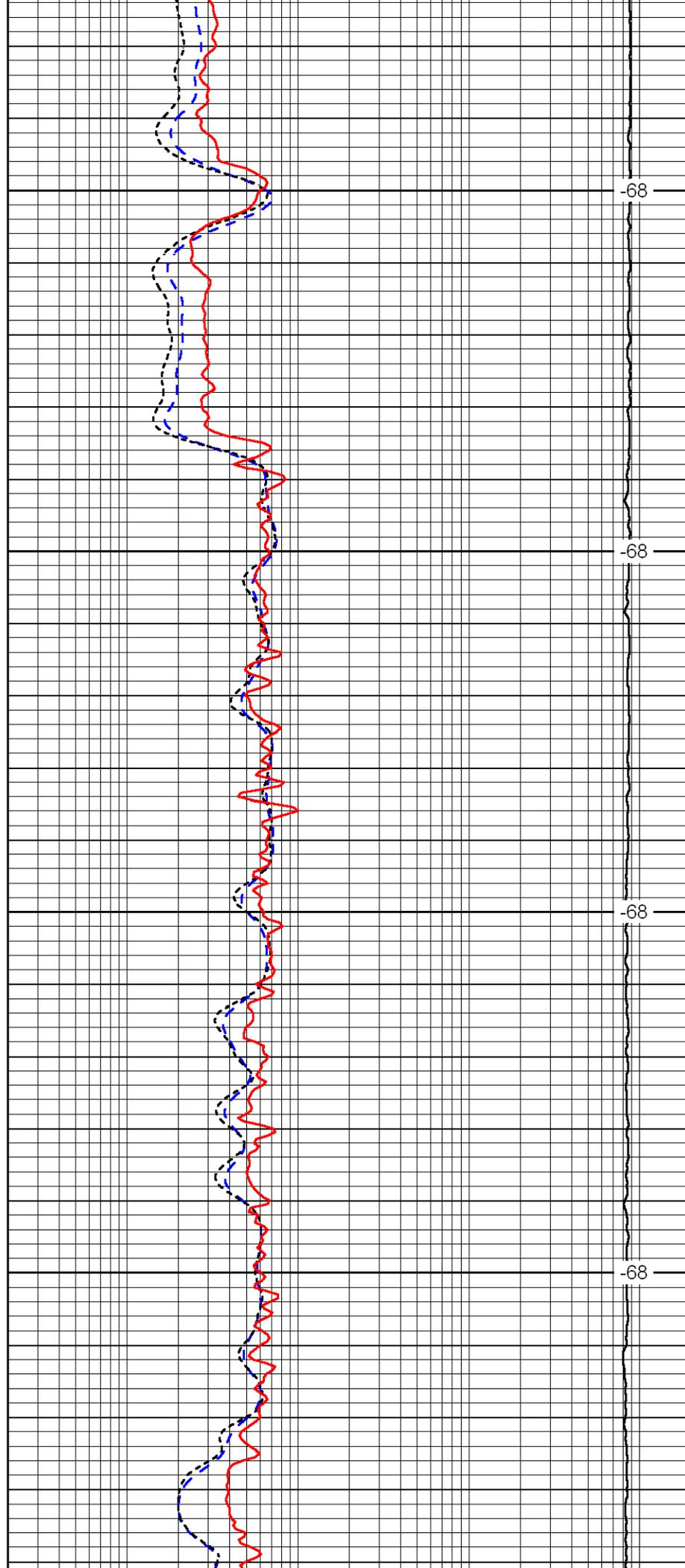


1800

1850

1900

1950

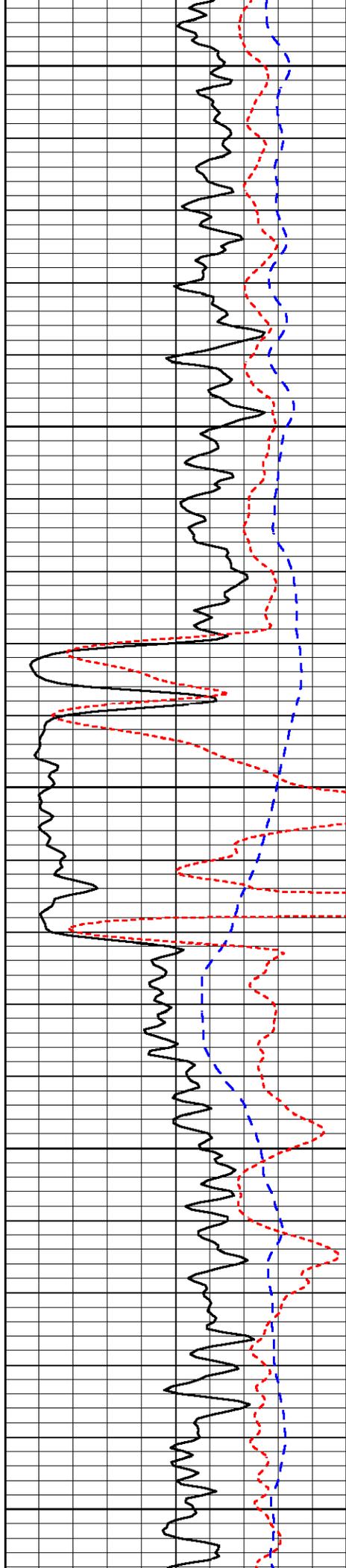


-68

-68

-68

-68



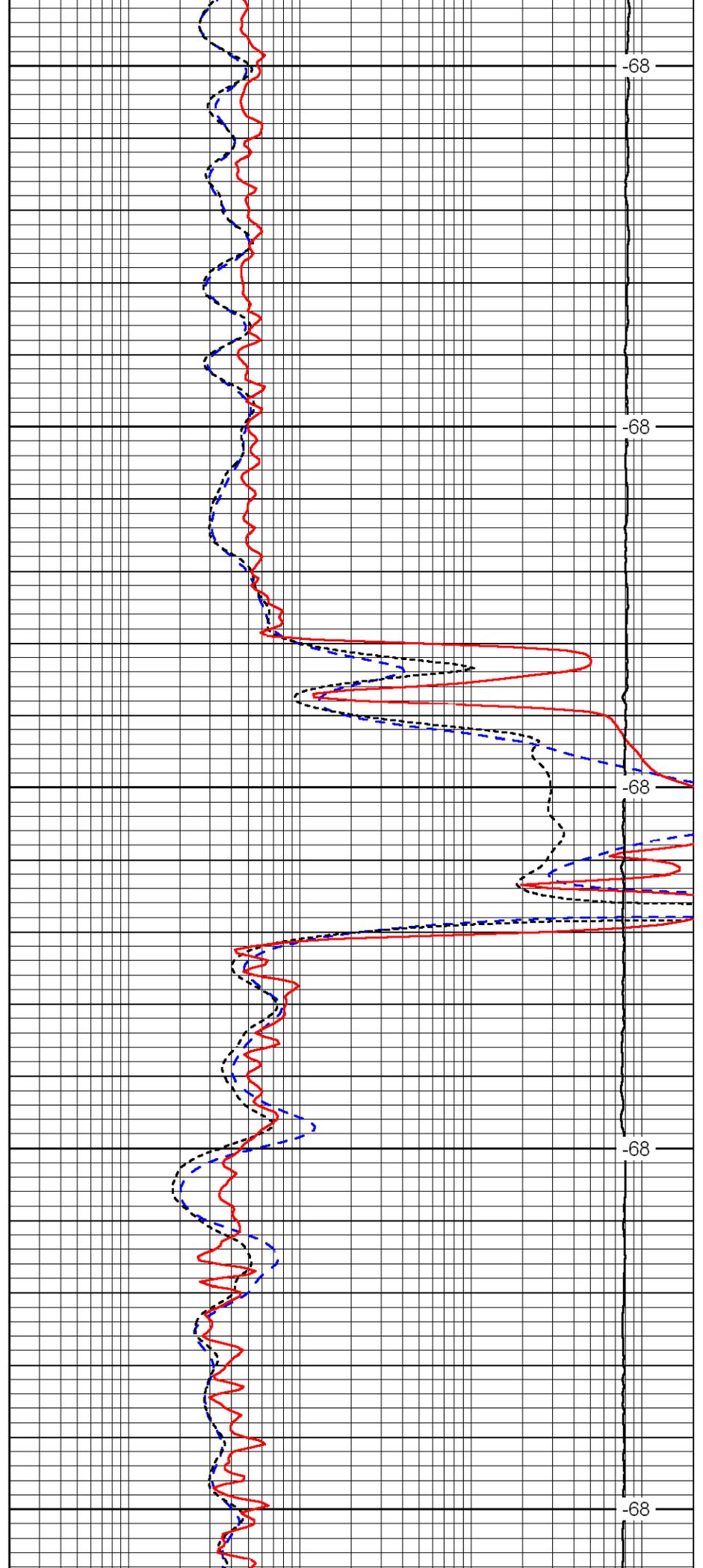
2000

2050

2100

2150

2200



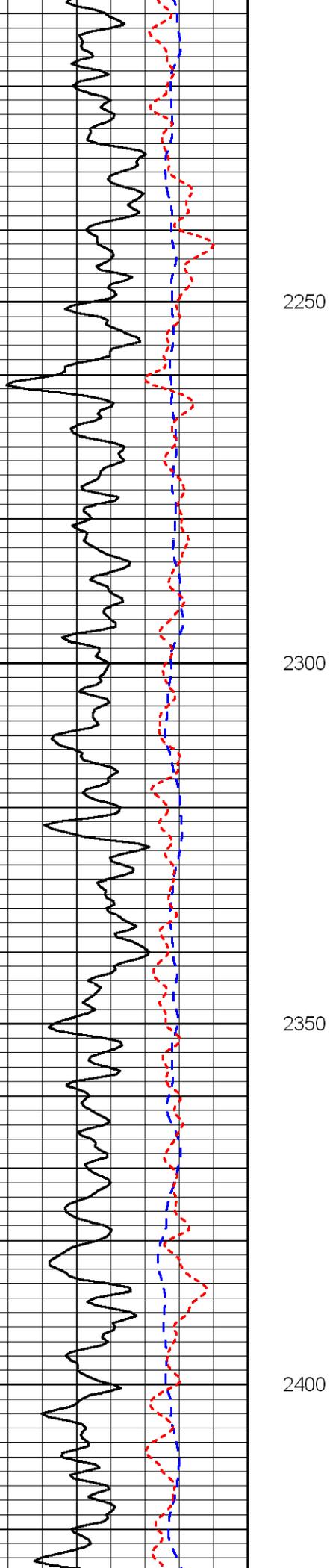
-68

-68

-68

-68

-68

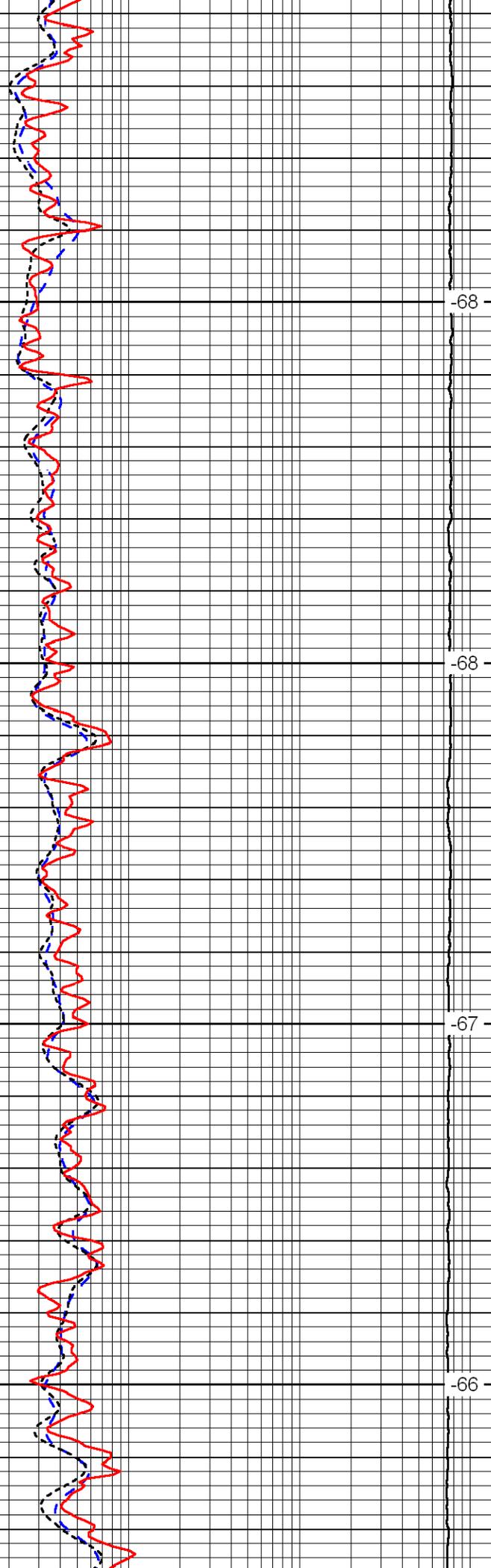


2250

2300

2350

2400

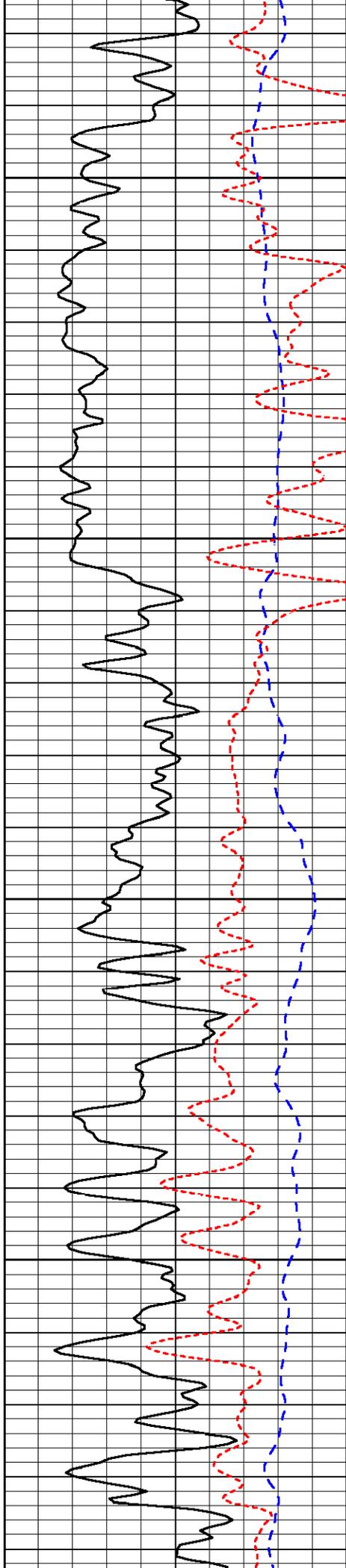


-68

-68

-67

-66

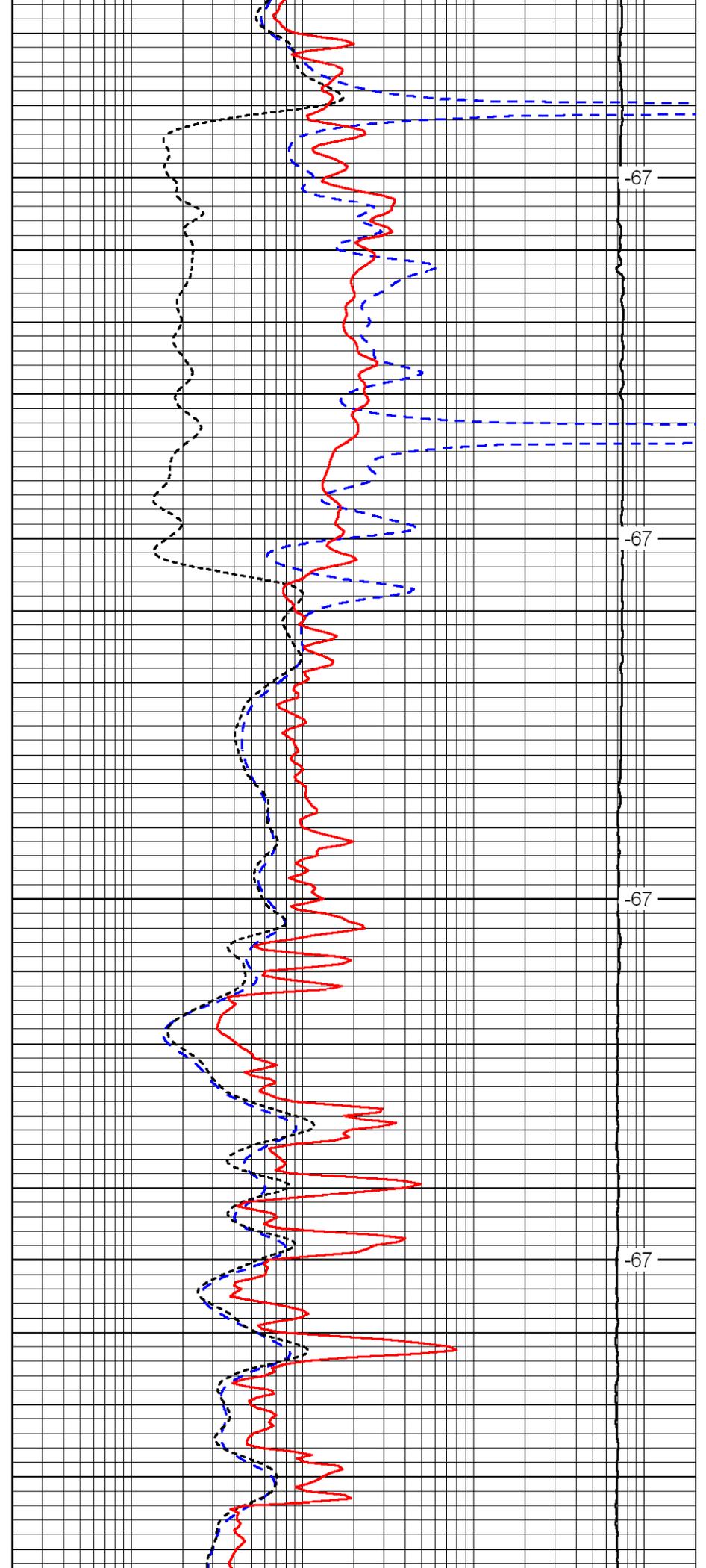


2450

2500

2550

2600

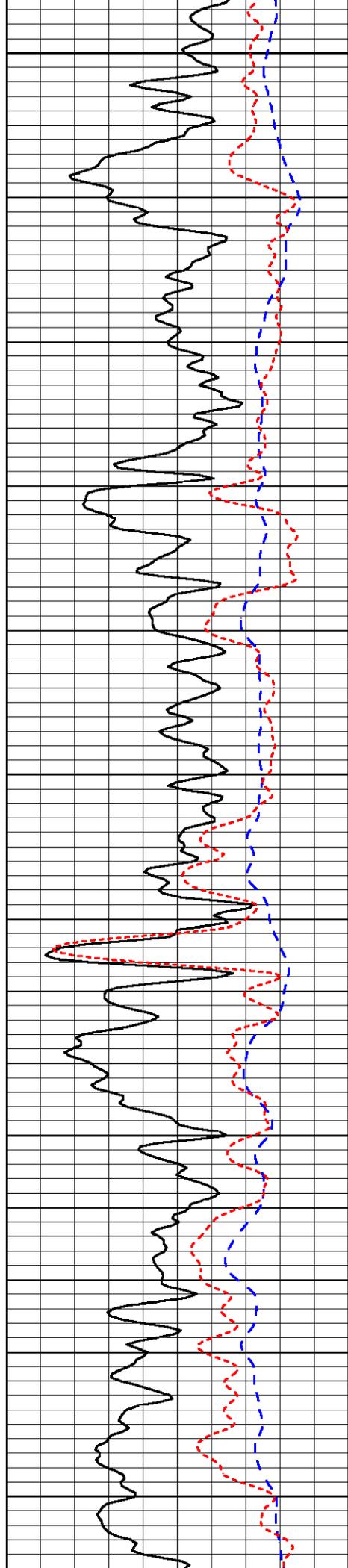


-67

-67

-67

-67



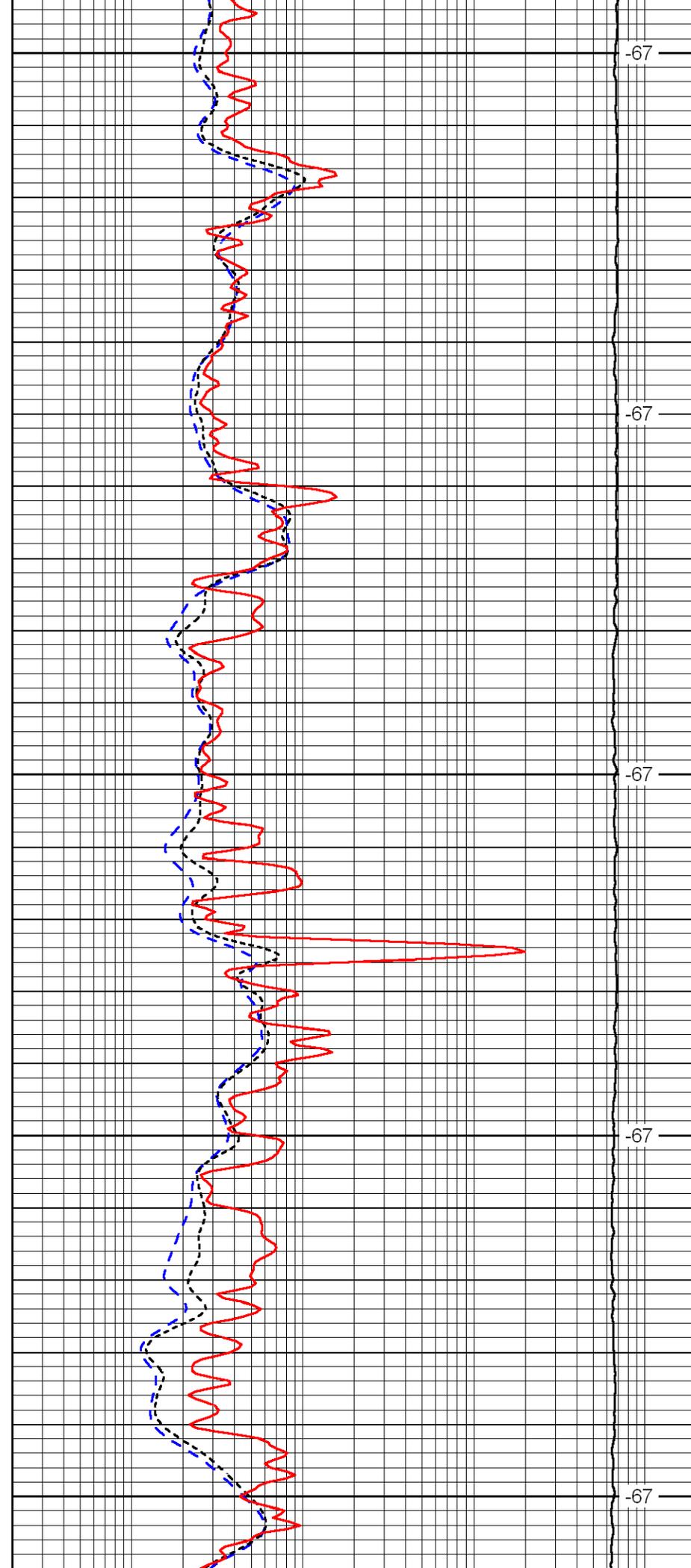
2650

2700

2750

2800

2850



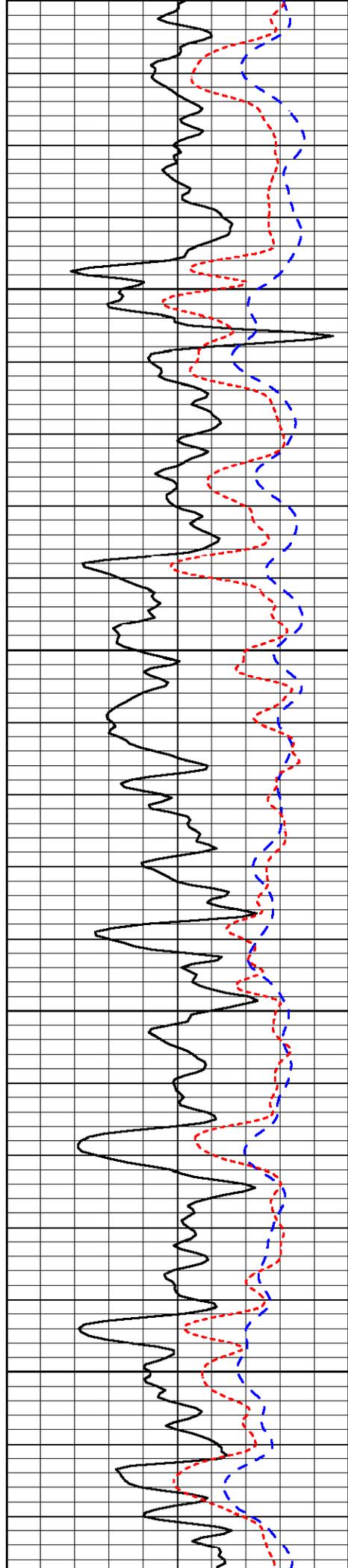
-67

-67

-67

-67

-67

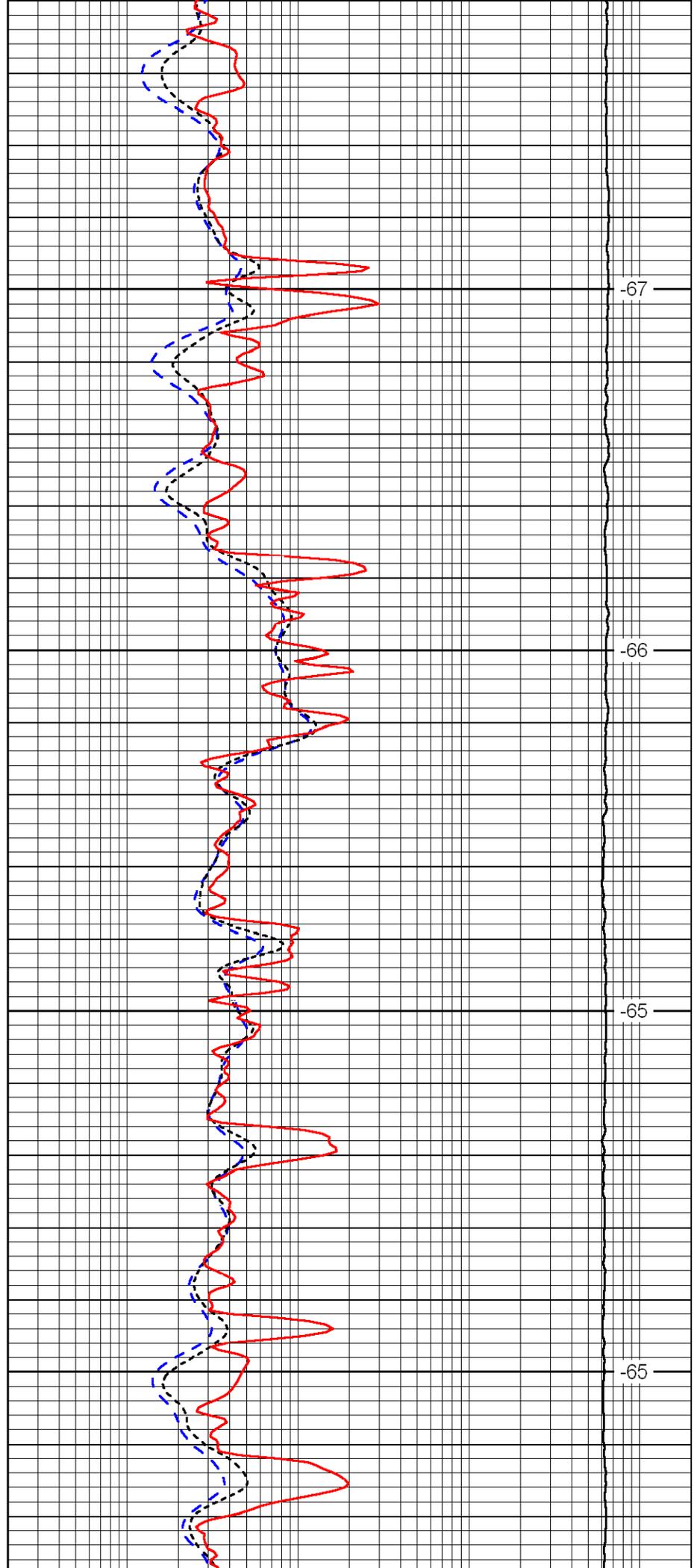


2900

2950

3000

3050

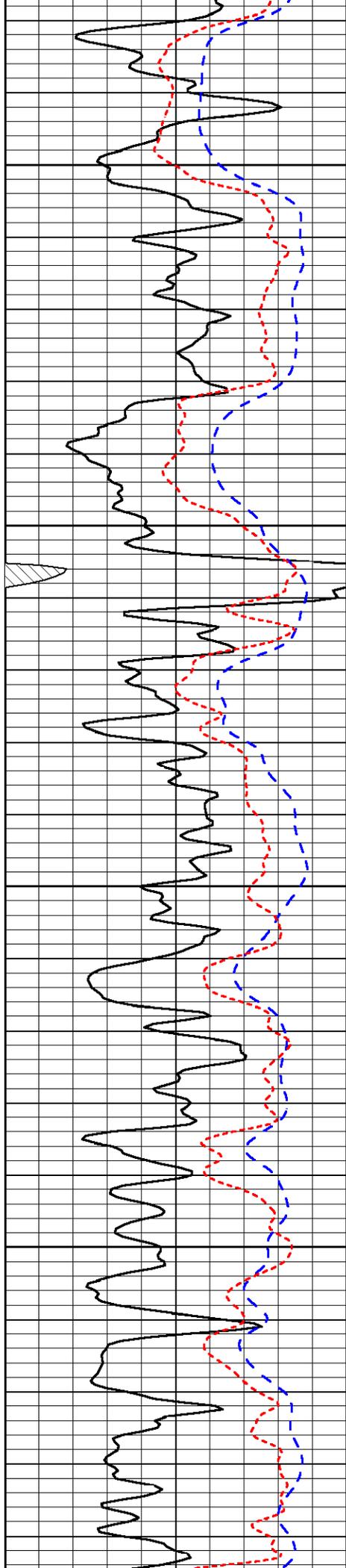


-67

-66

-65

-65

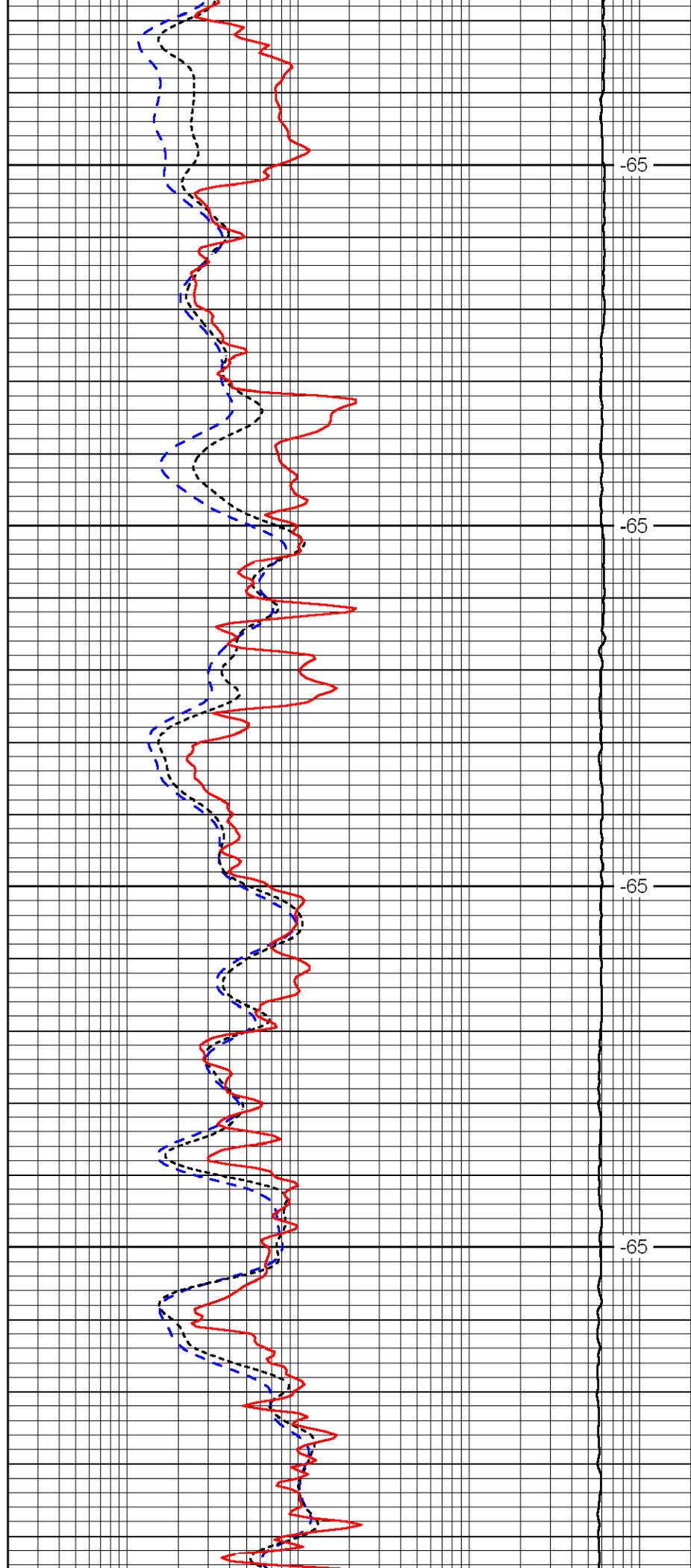


3100

3150

3200

3250

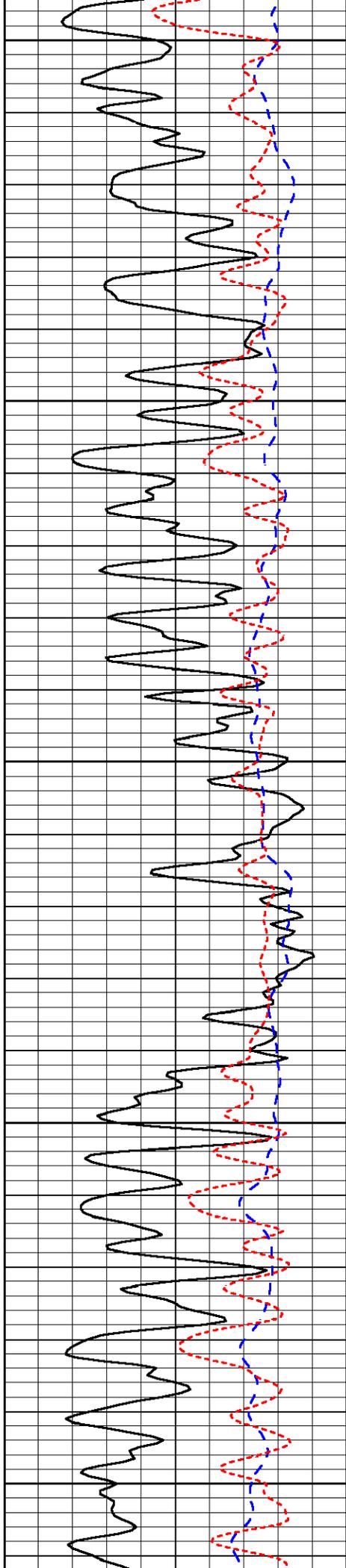


-65

-65

-65

-65



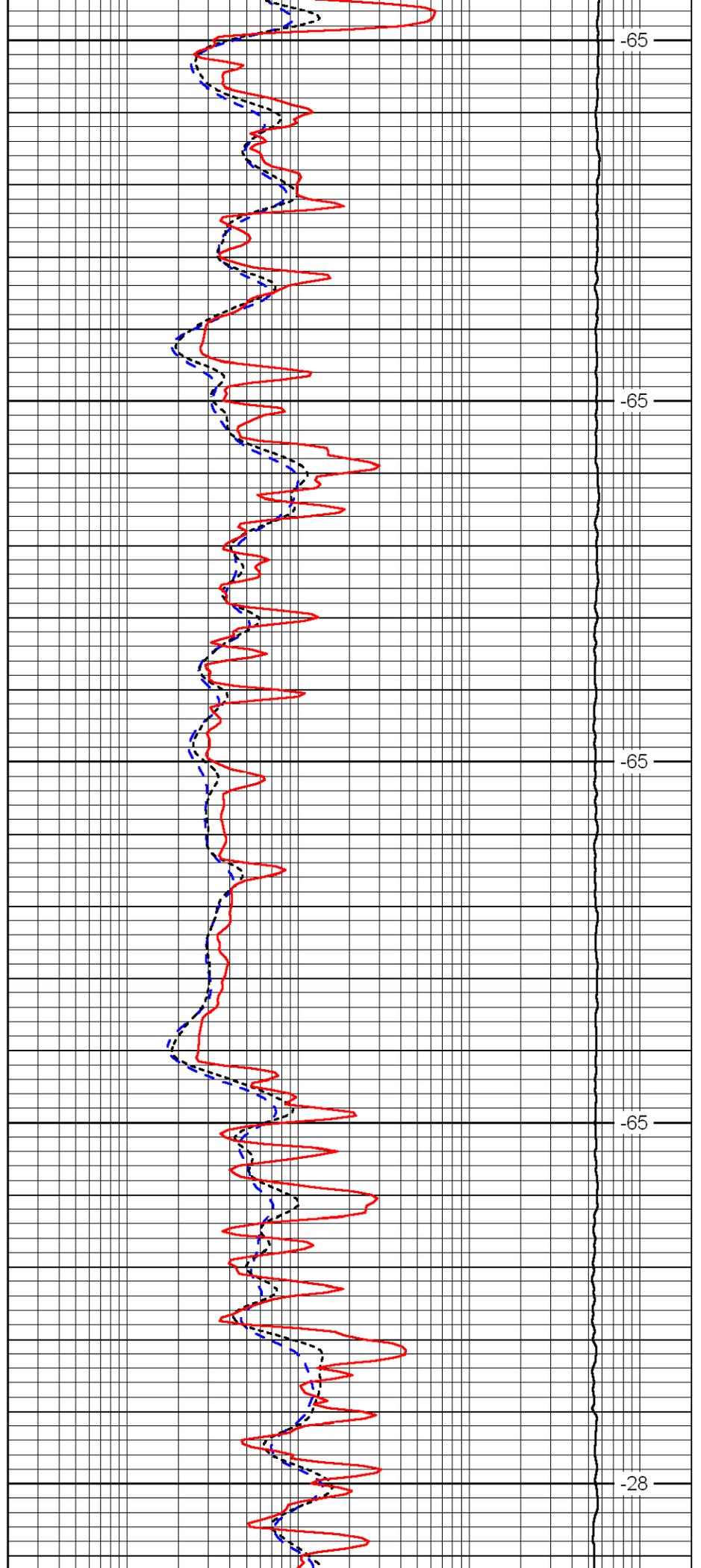
3300

3350

3400

3450

3500



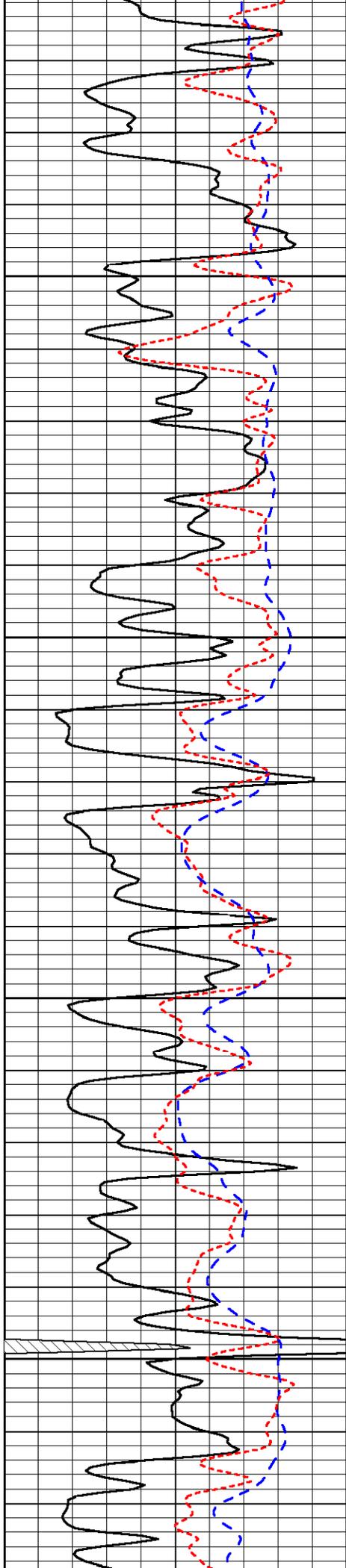
-65

-65

-65

-65

-28

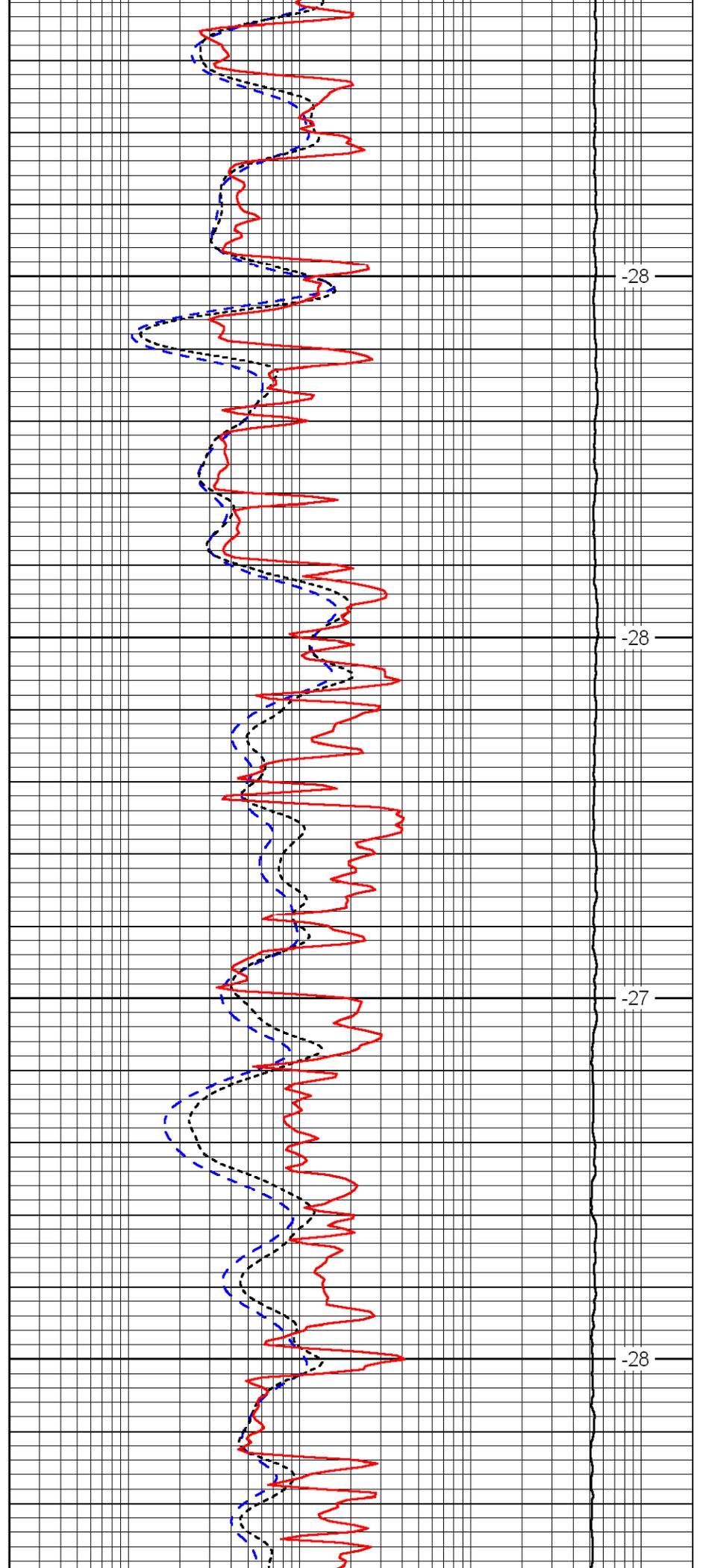


3550

3600

3650

3700

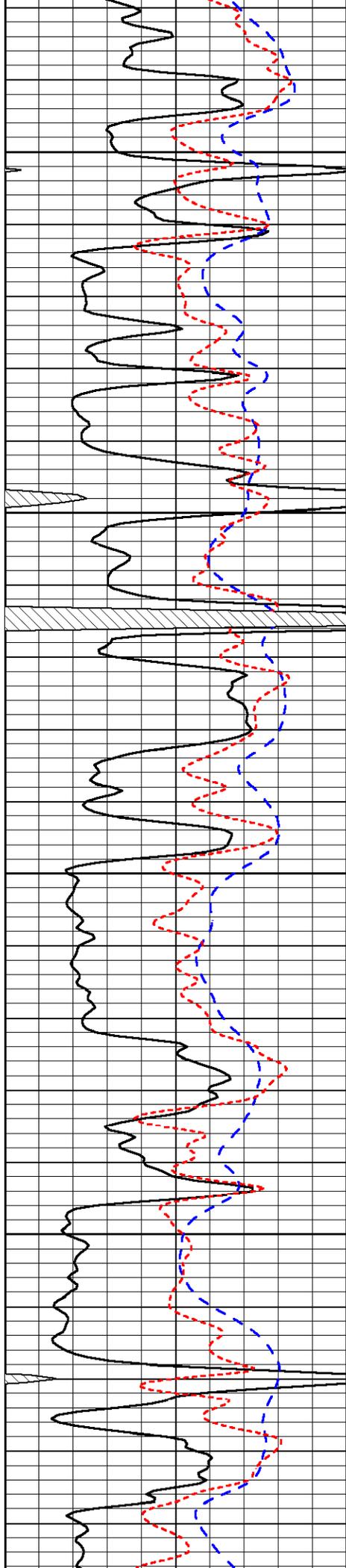


-28

-28

-27

-28

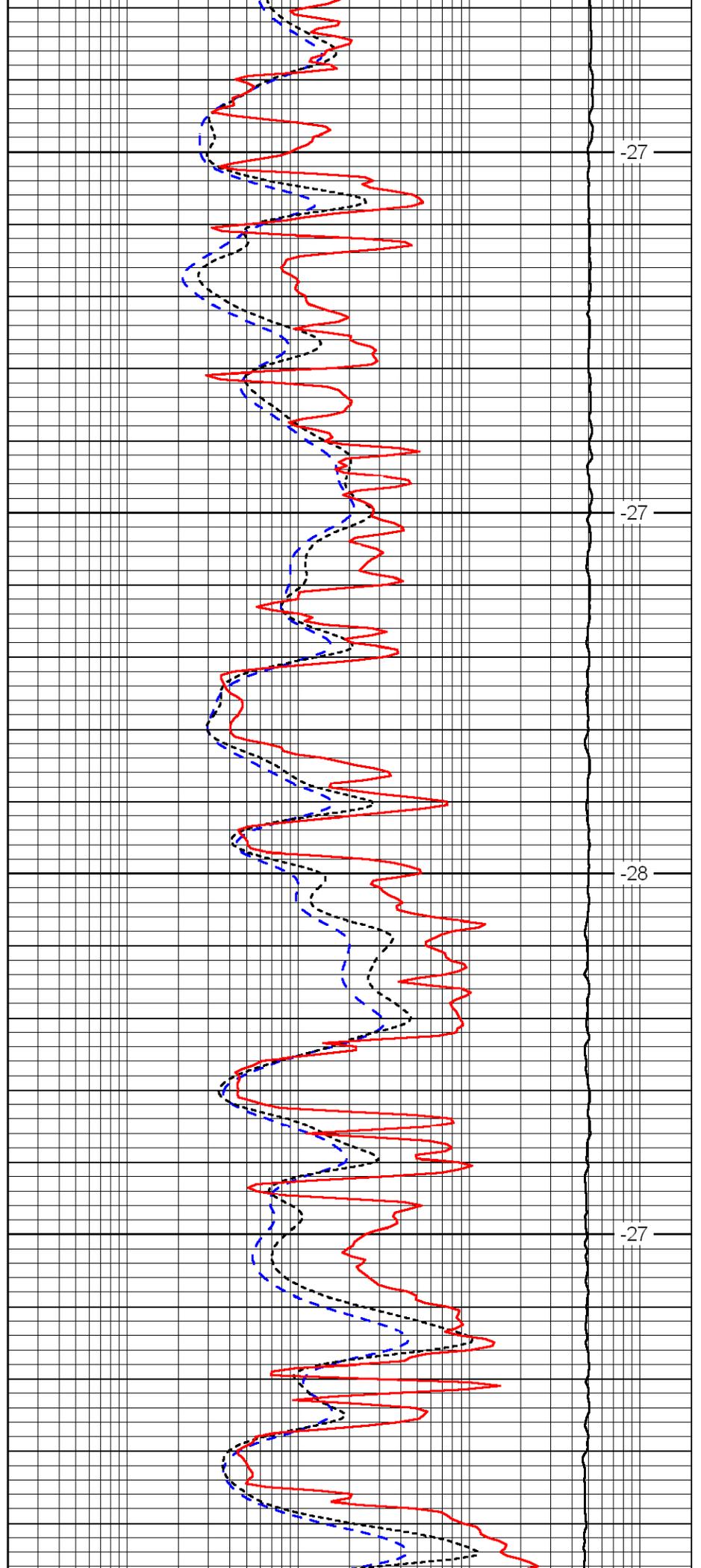


3750

3800

3850

3900

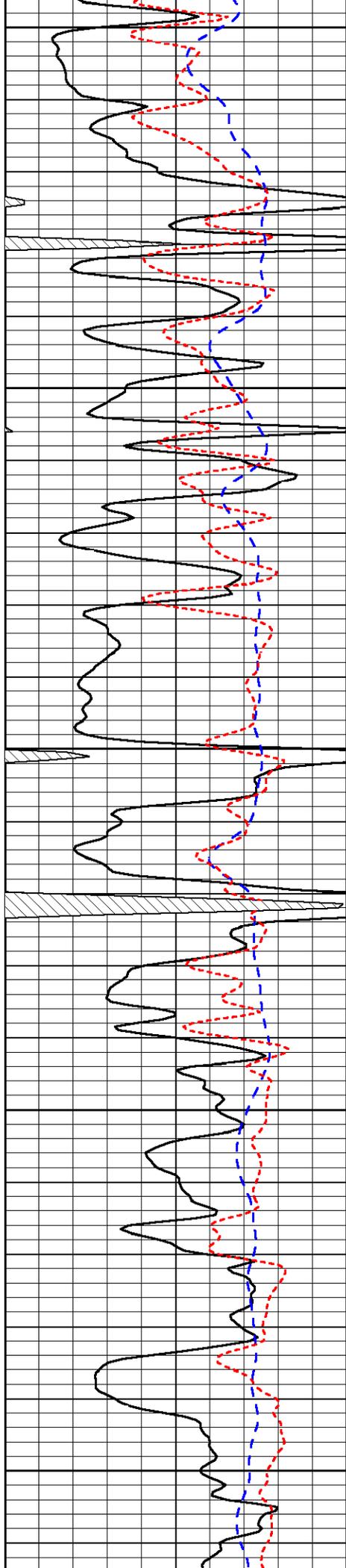


-27

-27

-28

-27



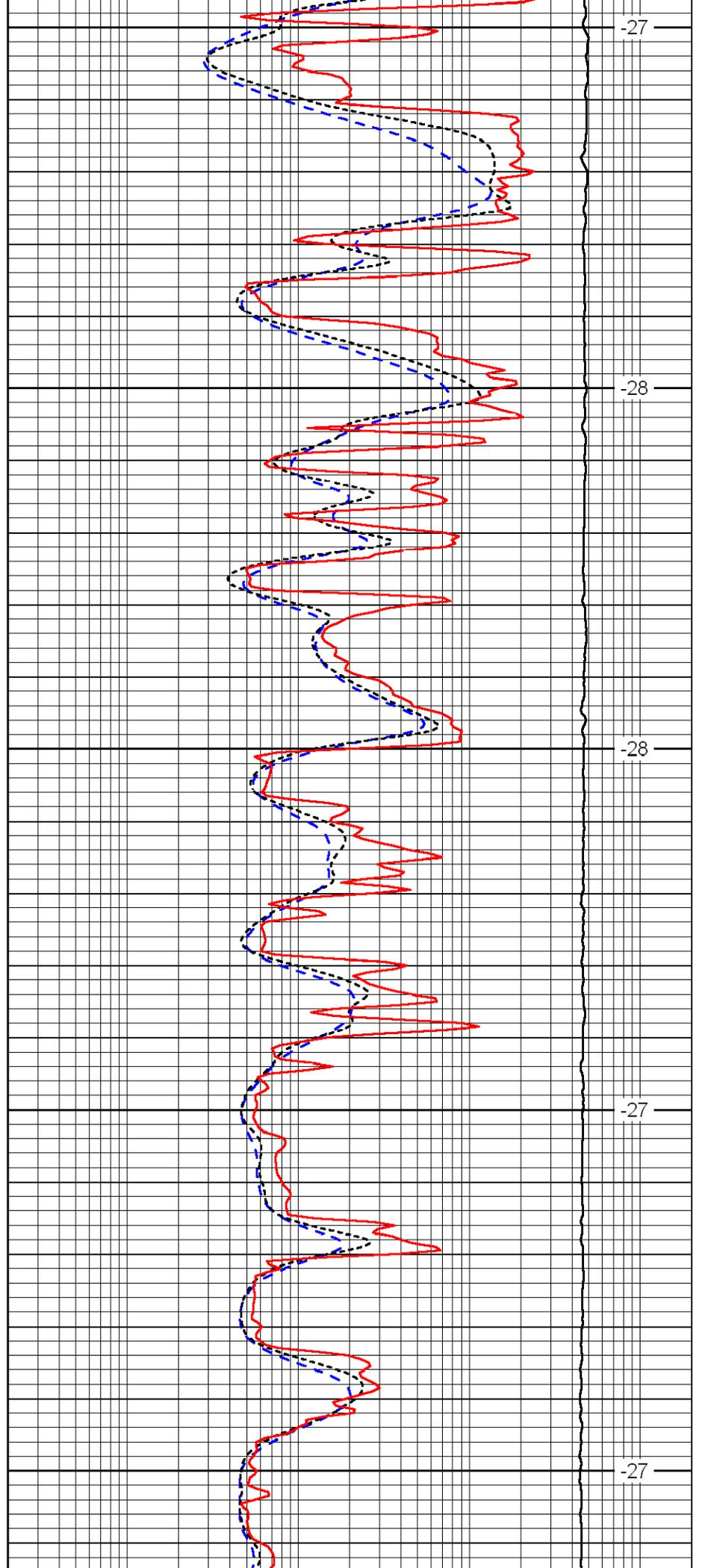
3950

4000

4050

4100

4150



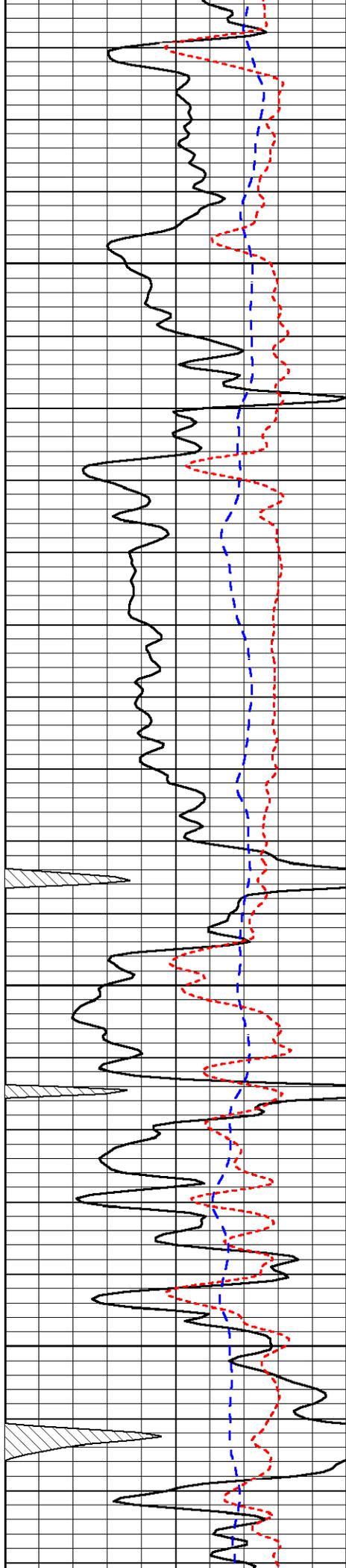
-27

-28

-28

-27

-27

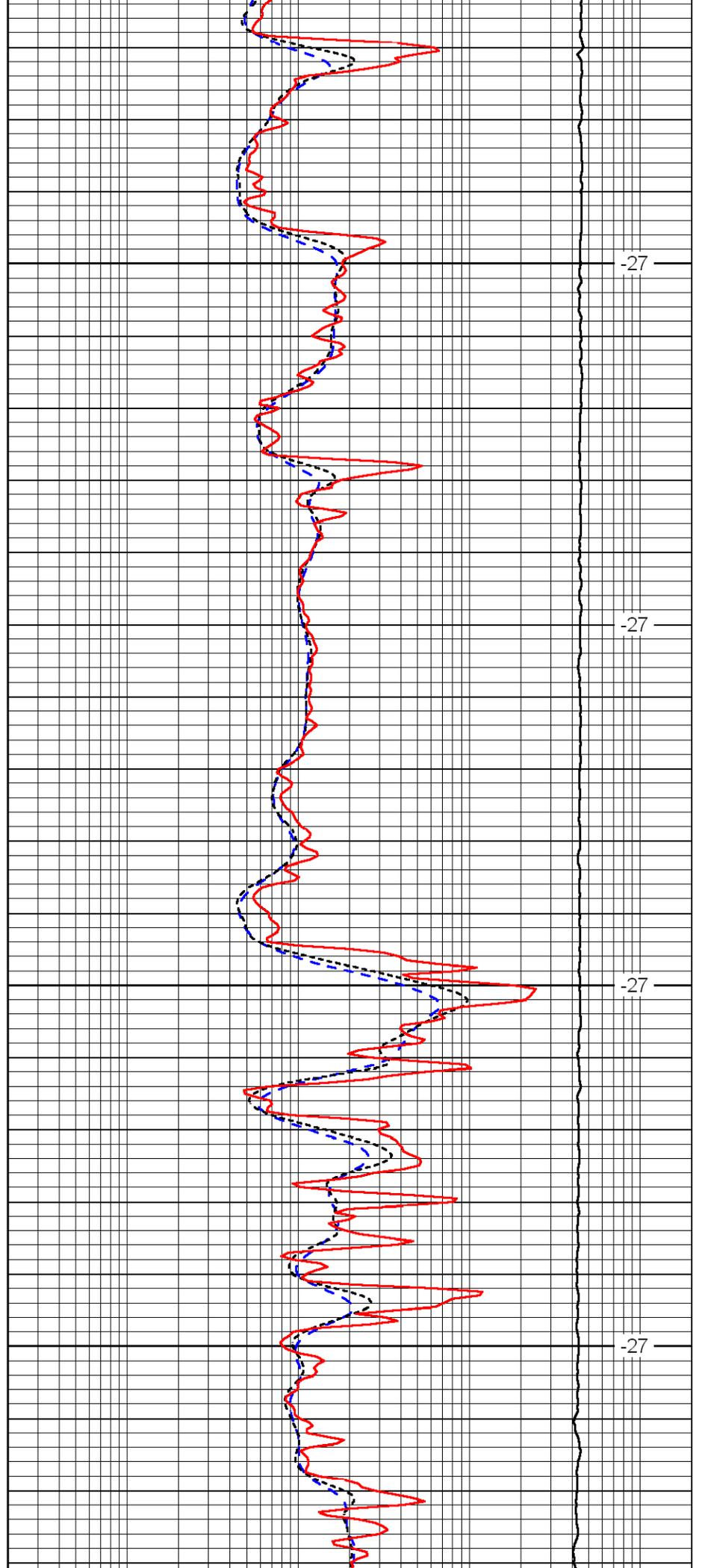


4200

4250

4300

4350

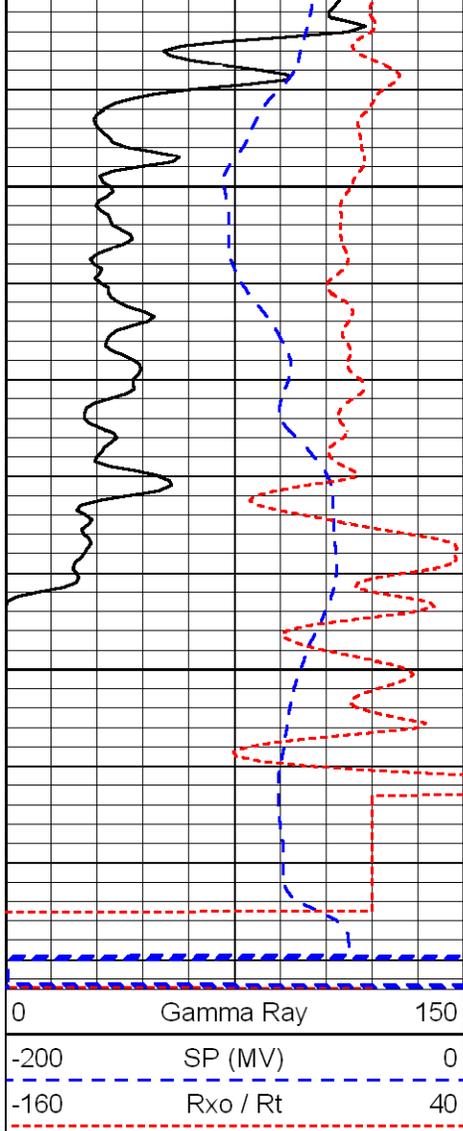


-27

-27

-27

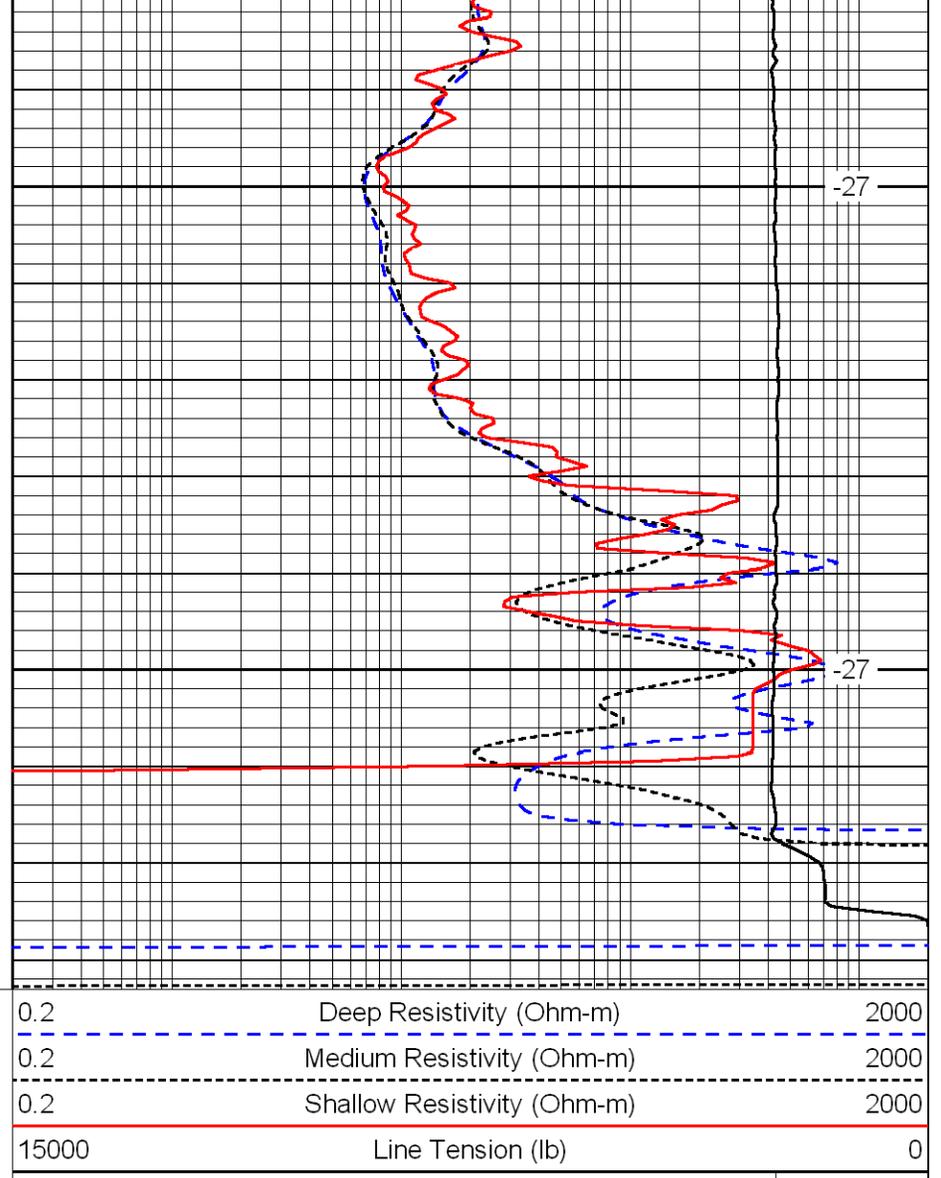
-27



4400

4450

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



-27

-27

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)