



# Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-025-21,199-00-01		
Company	Midco Exploration, Inc.		
Well	Theis No 1-19		
Field	Cash City South		
County	Clark	State	Kansas
Location	2020' FSL & 500' FEL		
Sec: 19	Twp: 33S	Rge: 25W	Elevation 2112
Permanent Datum	Ground Level	Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing	12 Ft. Above Perm. Datum	
			Other Services CNL/CDL MEL/BHCS
			Elevation K.B. 2124 D.F. 2112 G.L. 2112

Date	05/10/2010
Run Number	One
Depth Driller	7385
Depth Logger	7353
Bottom Logged Interval	7352
Top Log Interval	750
Casing Driller	8.625 @ 792
Casing Logger	792
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	9.000
Density / Viscosity	8.9   54
pH / Fluid Loss	10.5   10.8
Source of Sample	Flowline
Rm @ Meas. Temp	.9 @ 70
Rmf @ Meas. Temp	.68 @ 70
Rmc @ Meas. Temp	1.22 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	.41 @ 152
Operating Rig Time	8 Hours
Max Rec. Temp. F	152
Equipment Number	17
Location	Hays
Recorded By	Mike Garrison
Witnessed By	David Mayfield

<<< 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

Ashland, West to 283/160 Jct, 1 South, 6.2 West, 1 1/4 South to 2nd Cattleguard, go right (SE) after cattleguard to top of the hill, go left or SE to rig.

Database File: c:\warrior\data\midco\_theis no 1-19\midcohd.db  
 Dataset Pathname: dil/midcostck  
 Presentation Format: dil2in  
 Dataset Creation: Mon May 10 22:31:35 2010  
 Charted by: Depth in Feet scaled 1:600

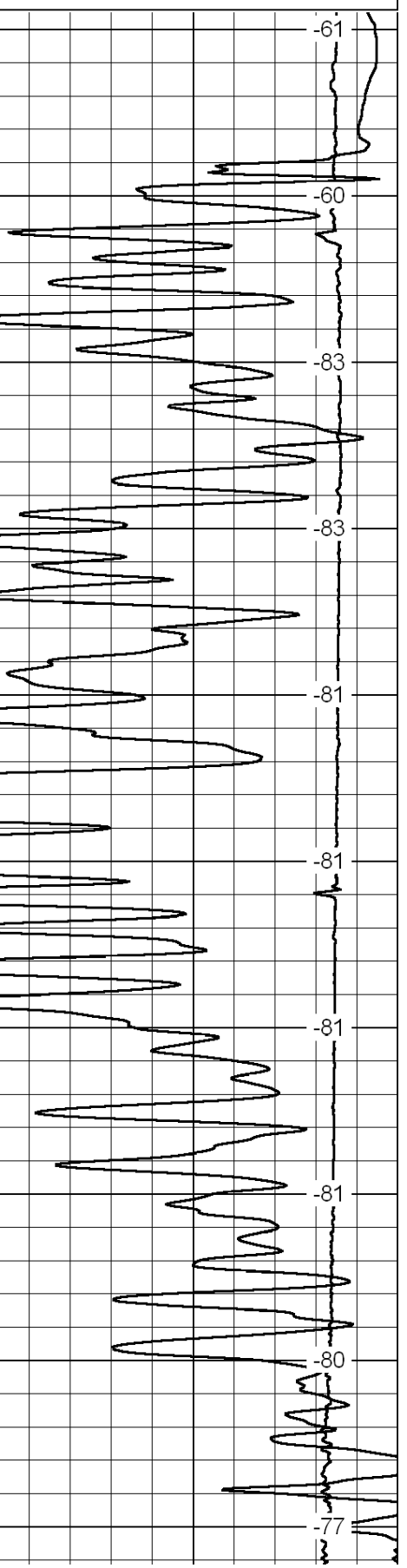
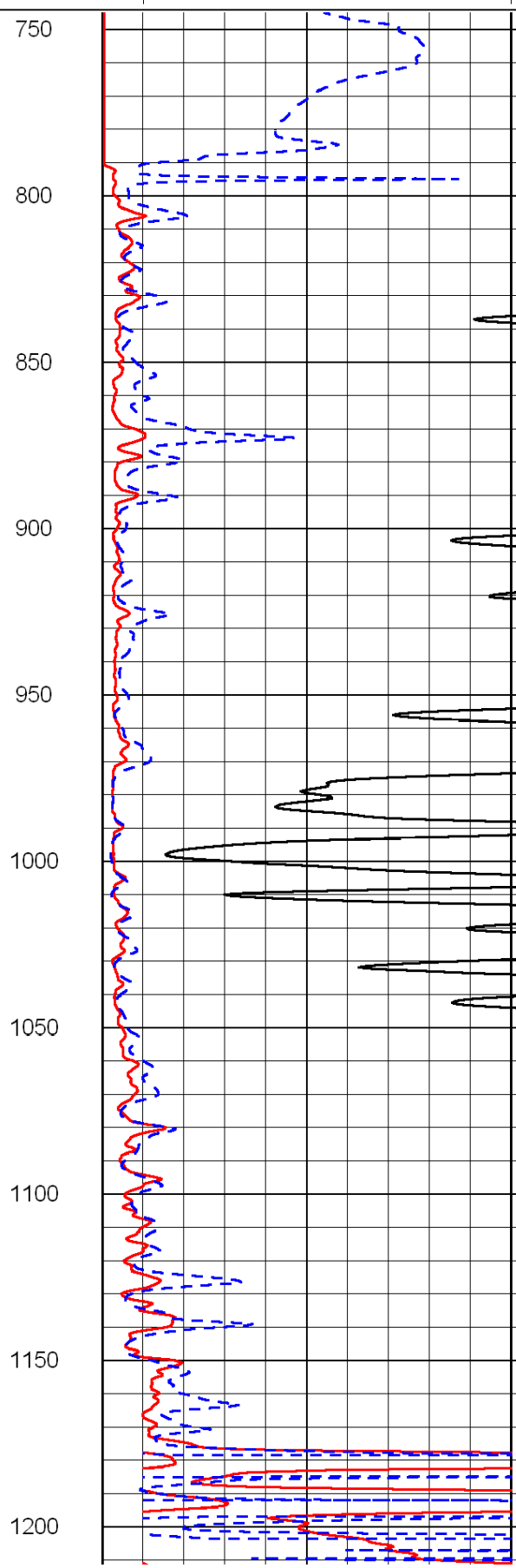
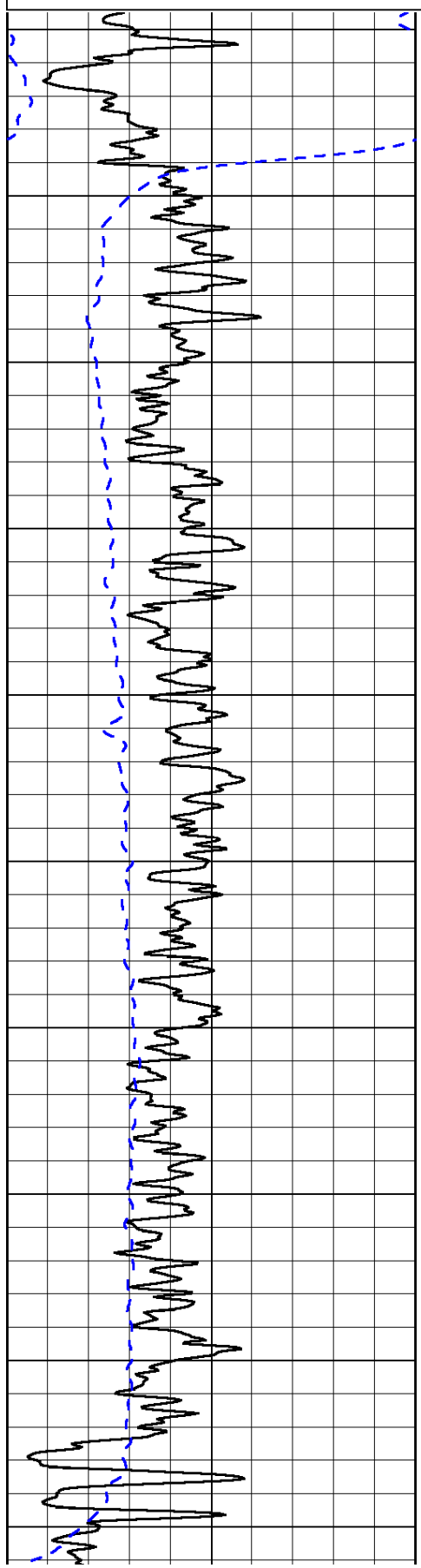
0	Gamma Ray	150
-200	SP (mV)	0

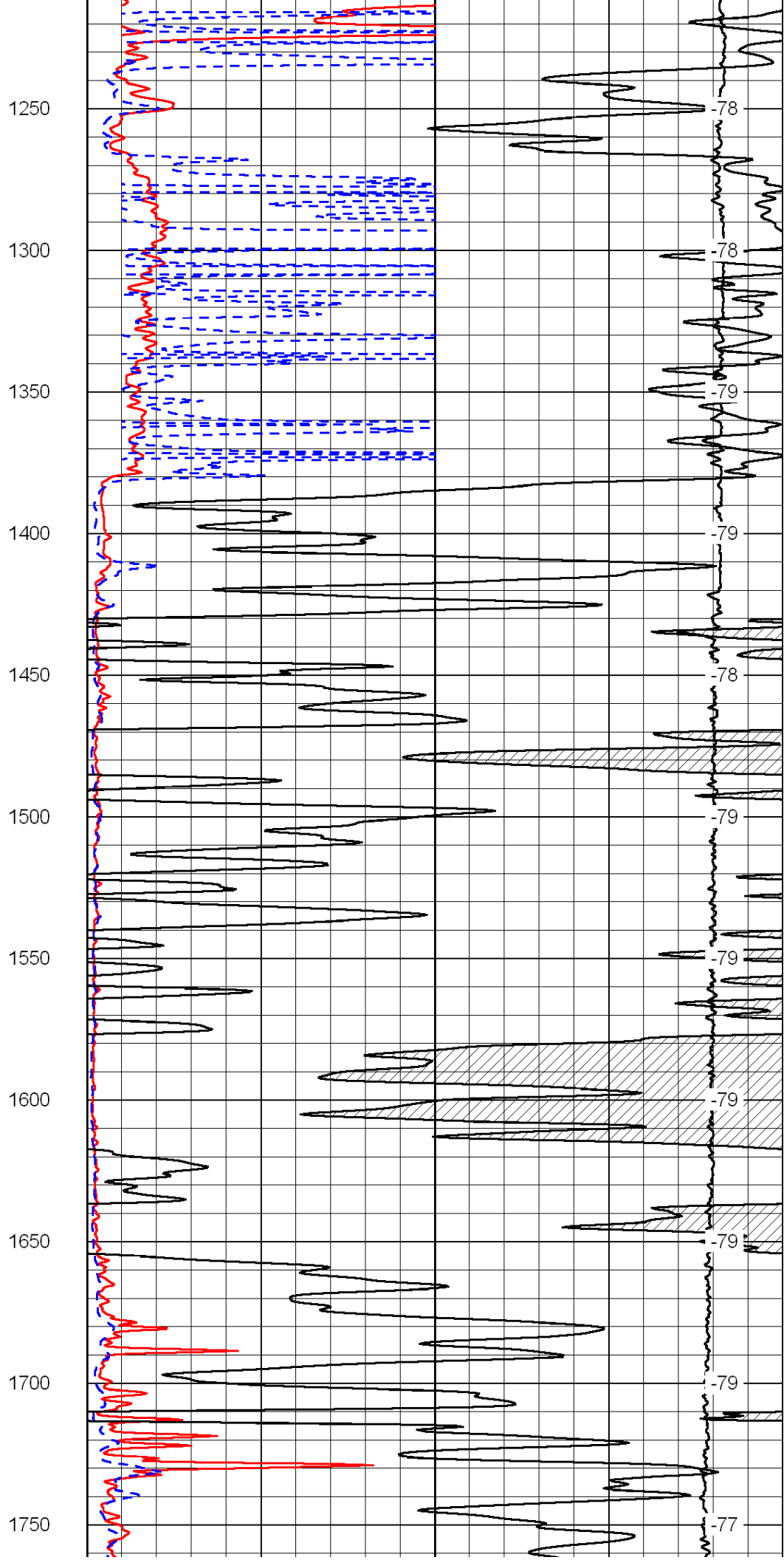
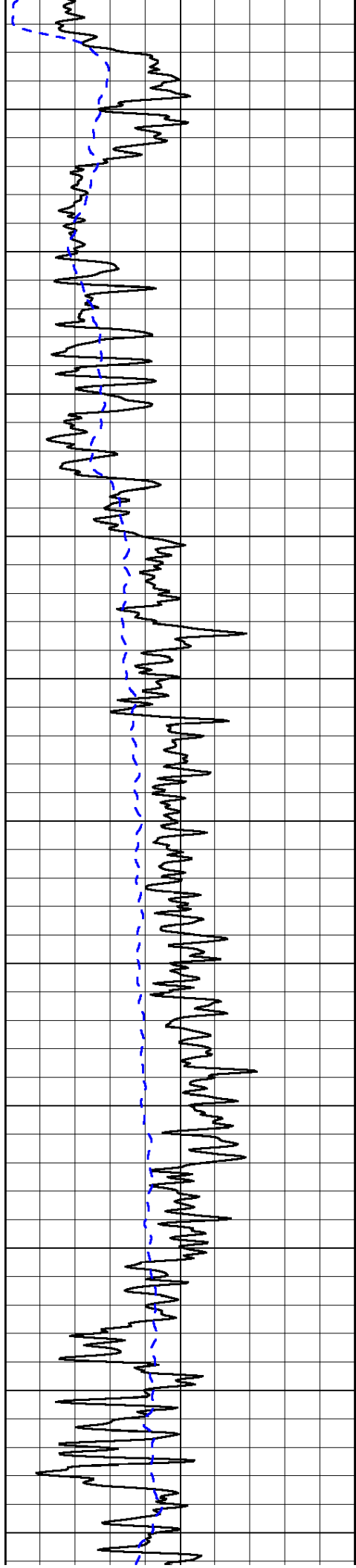
0	Shallow Resistivity	50
0	Deep Resistivity	50

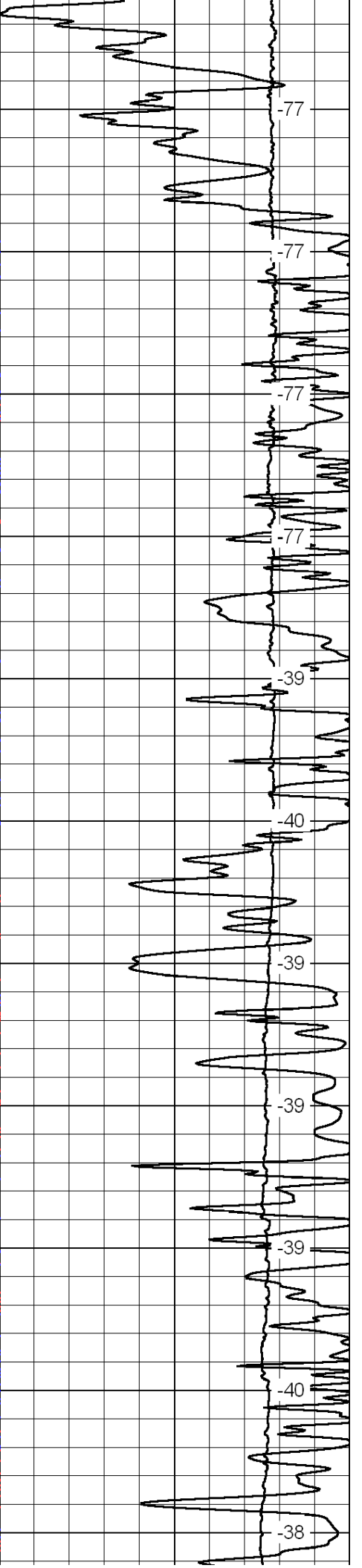
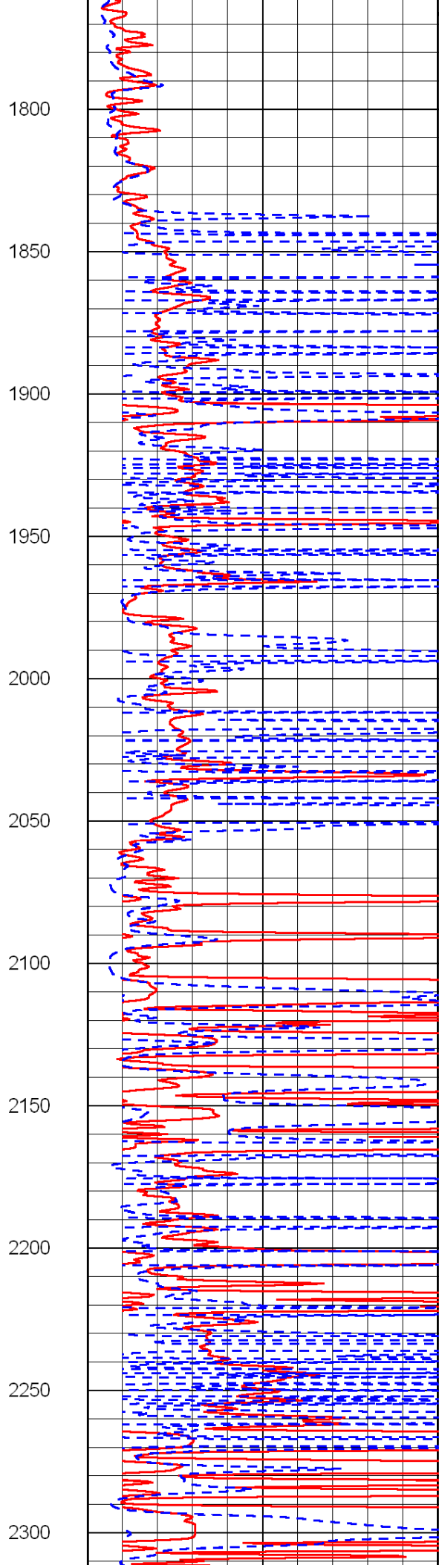
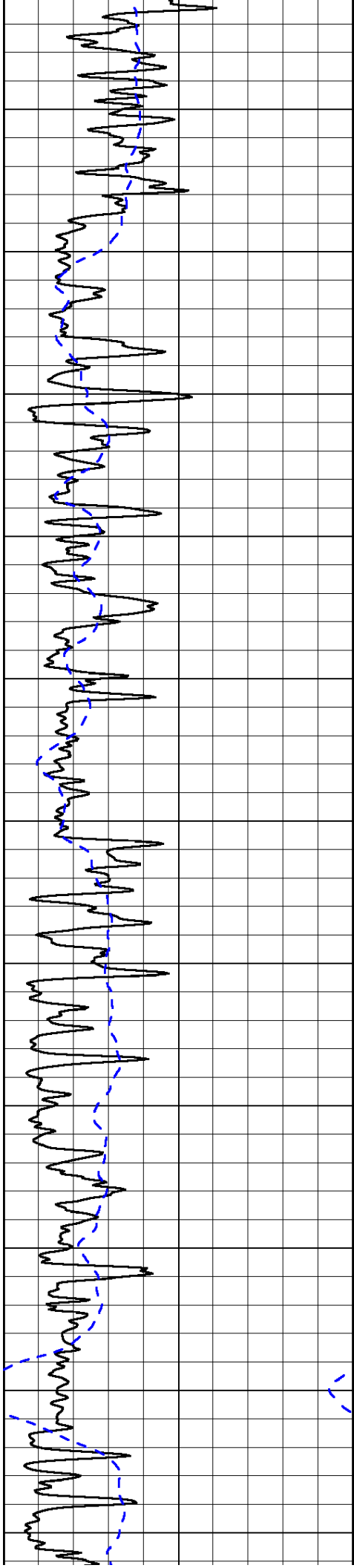
LSPD

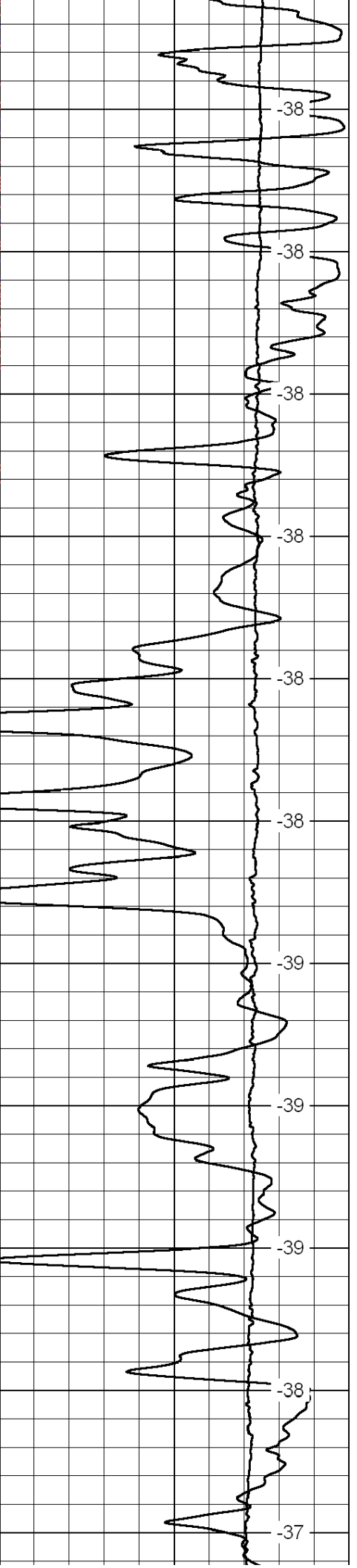
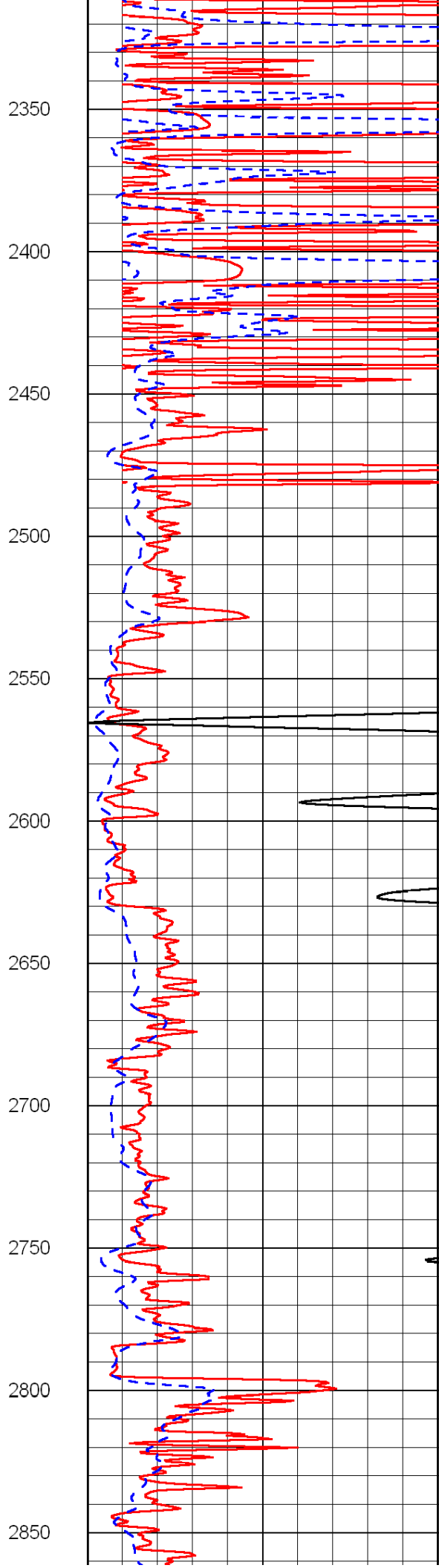
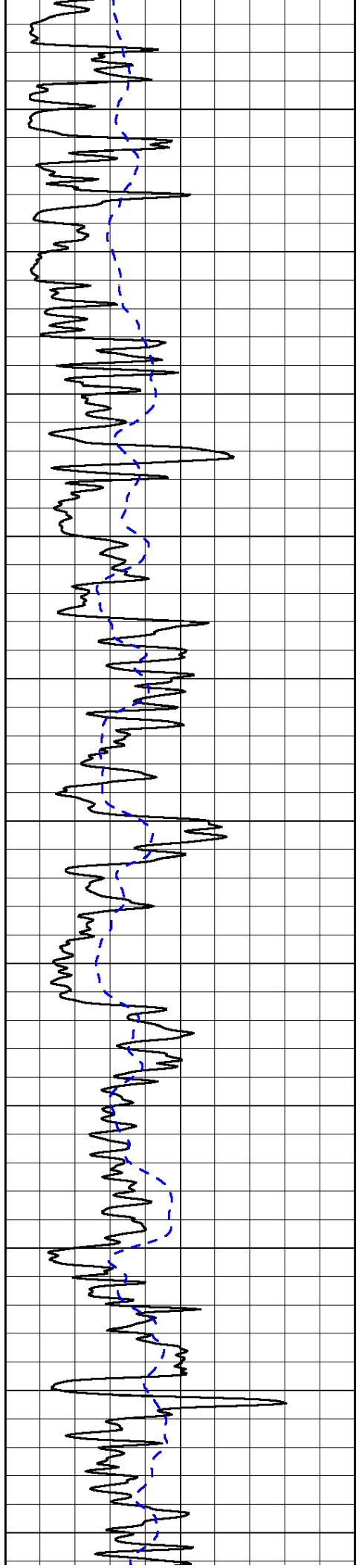
1000	Conductivity	0
15000	Line Tension	0

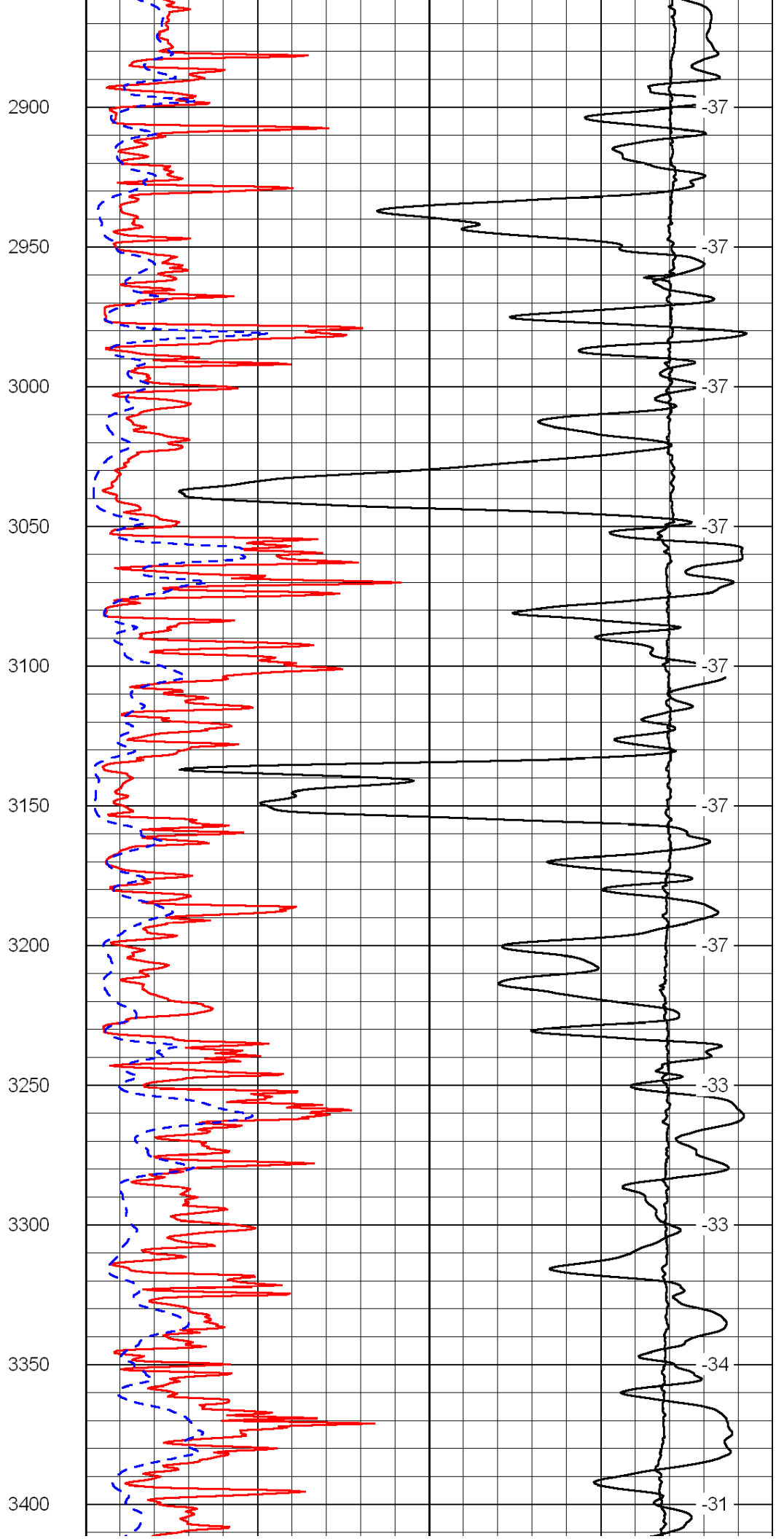
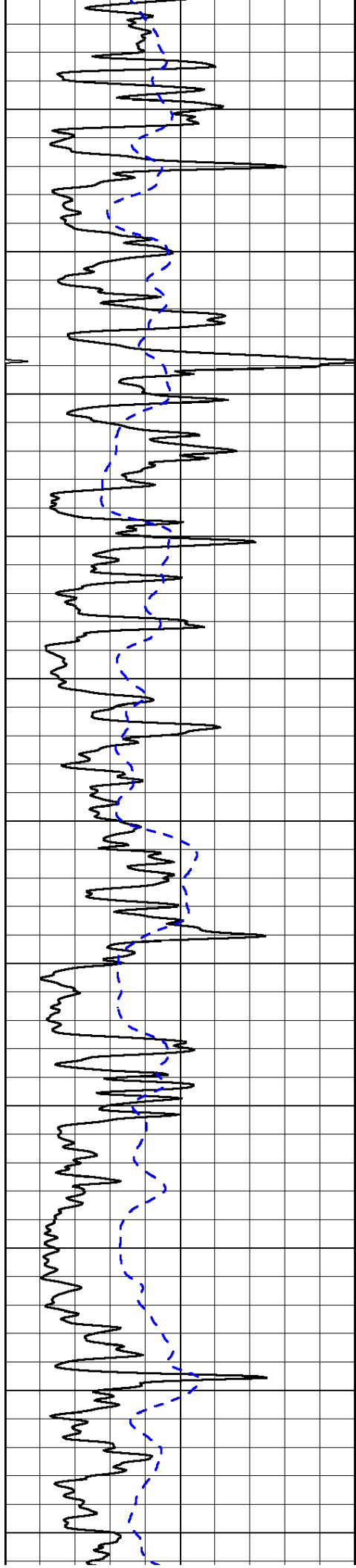
50	Shallow Resistivity	500
50	Deep Resistivity	500

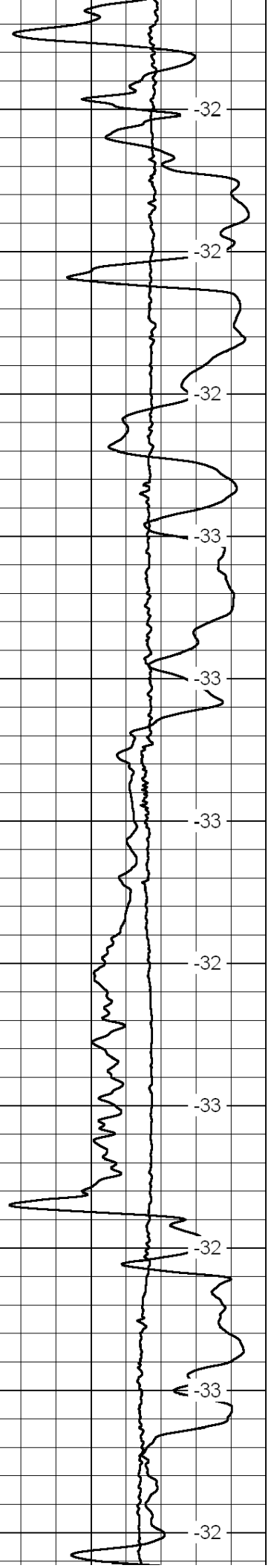
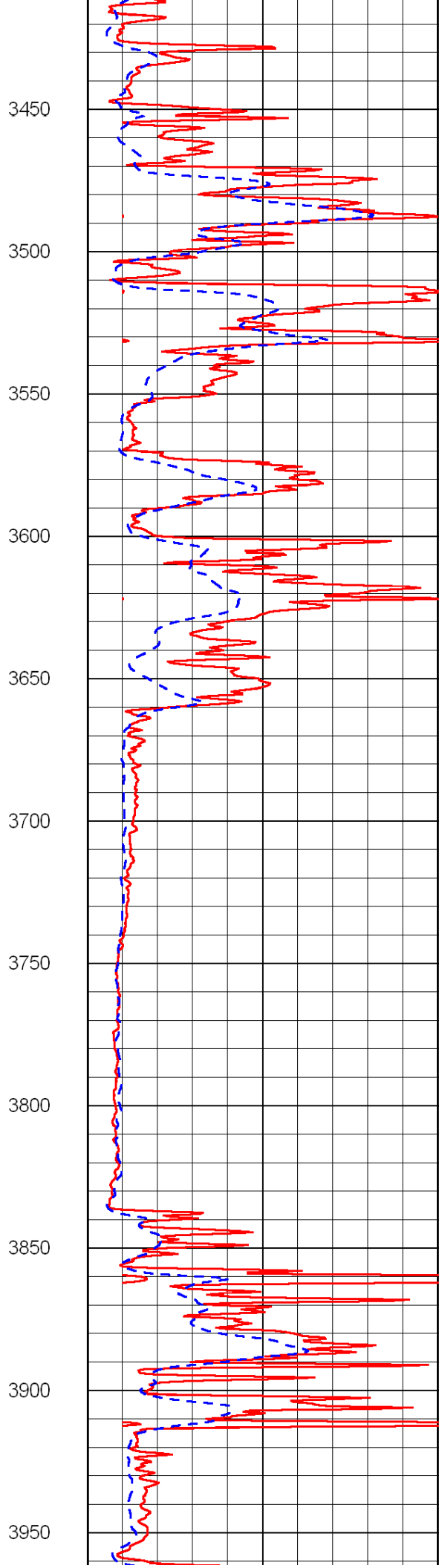
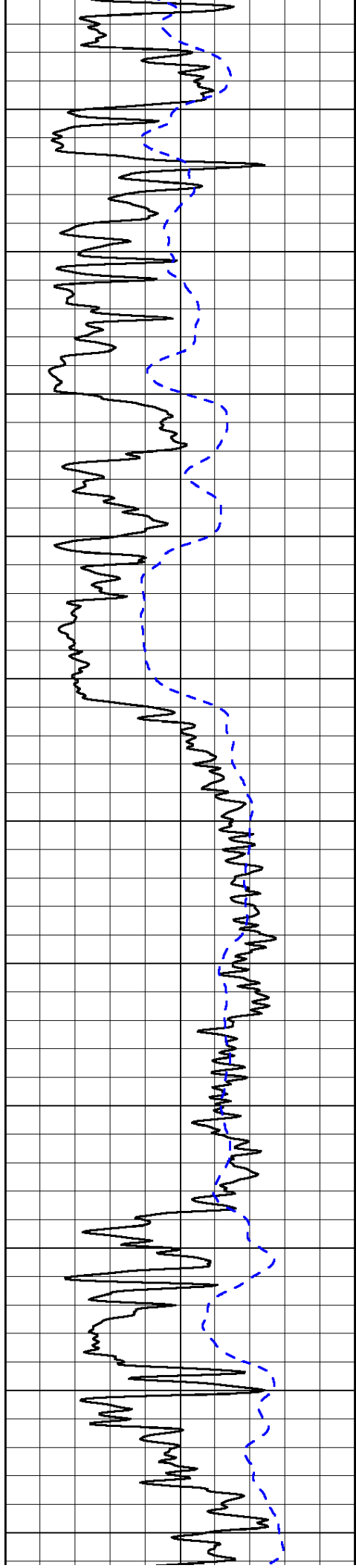


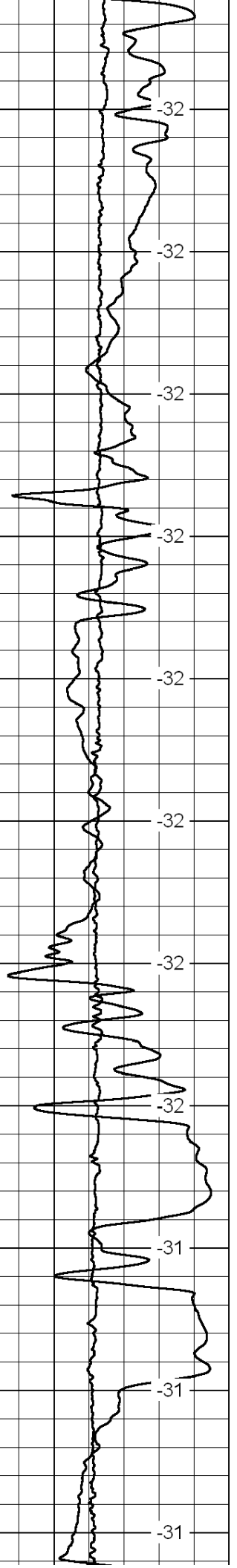
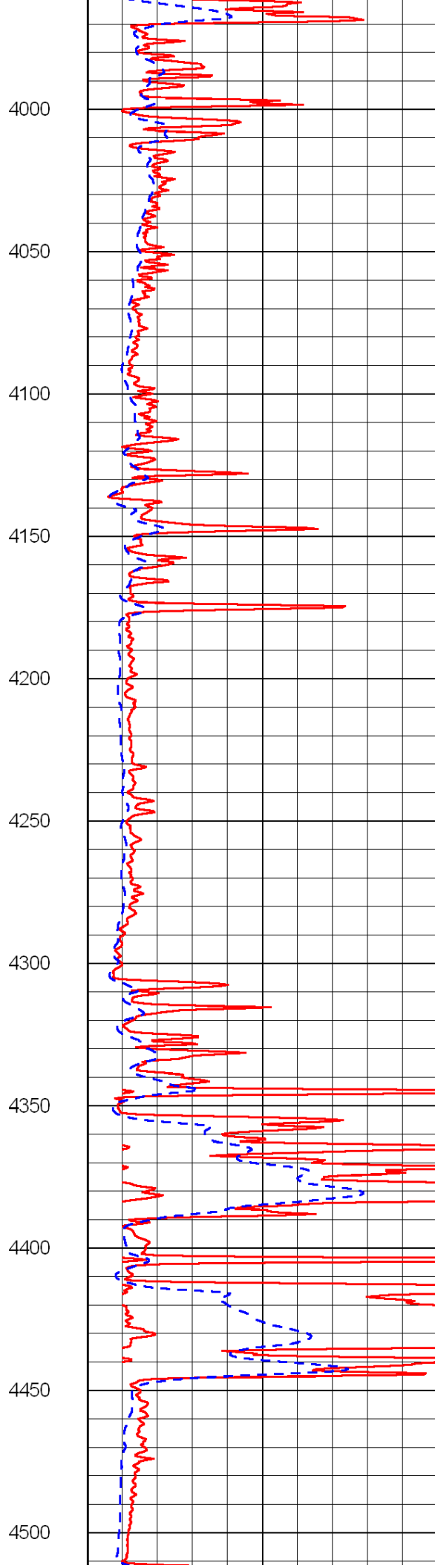
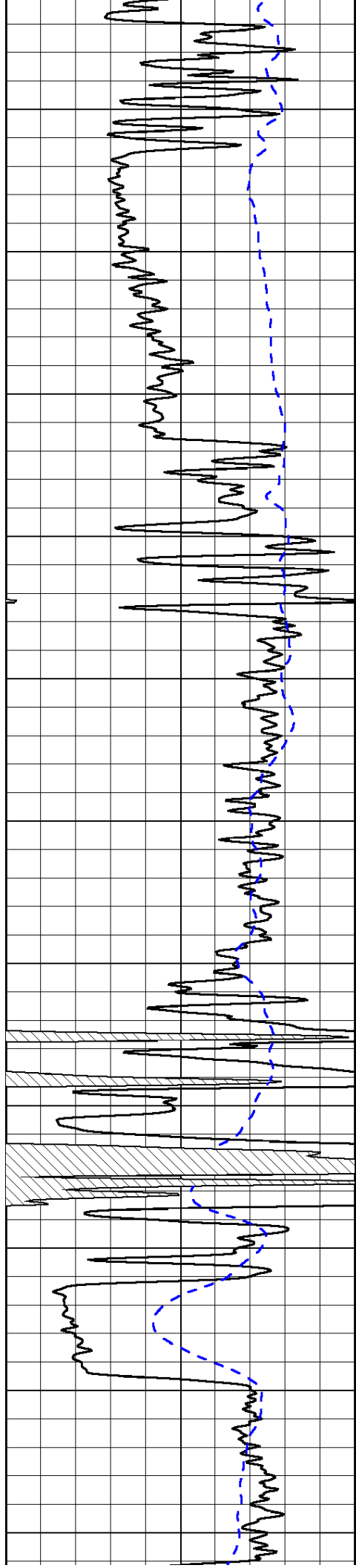


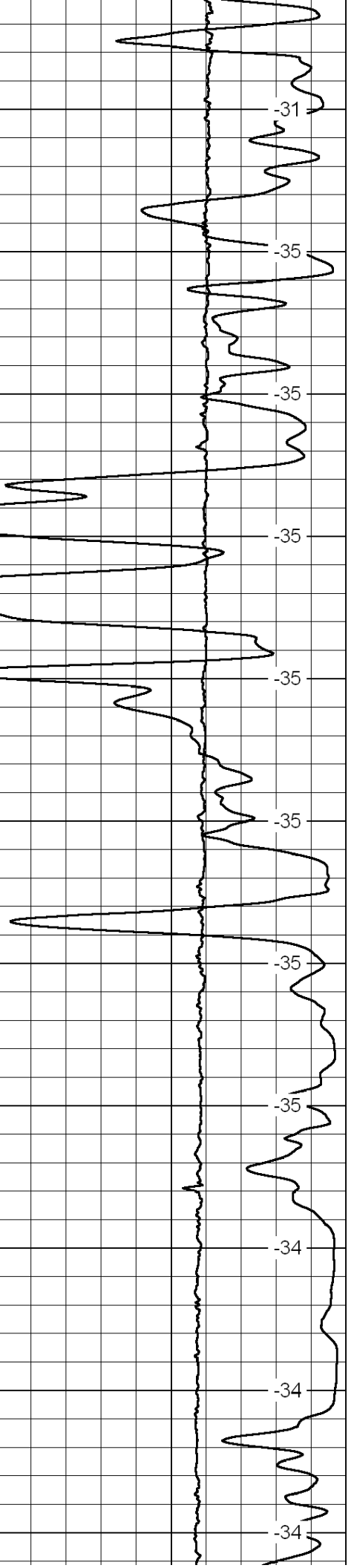
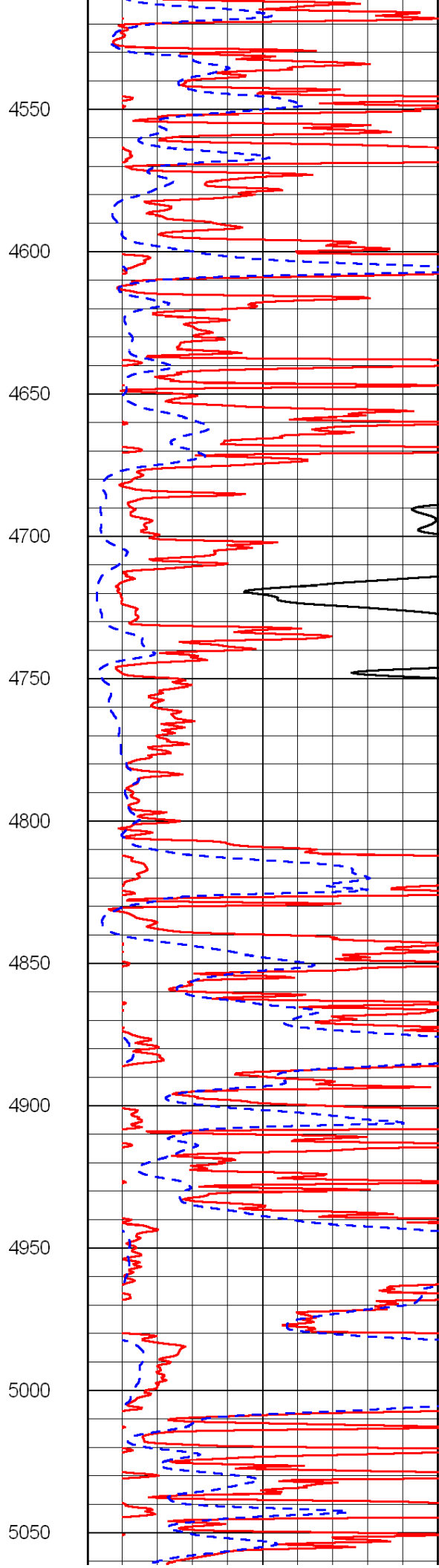
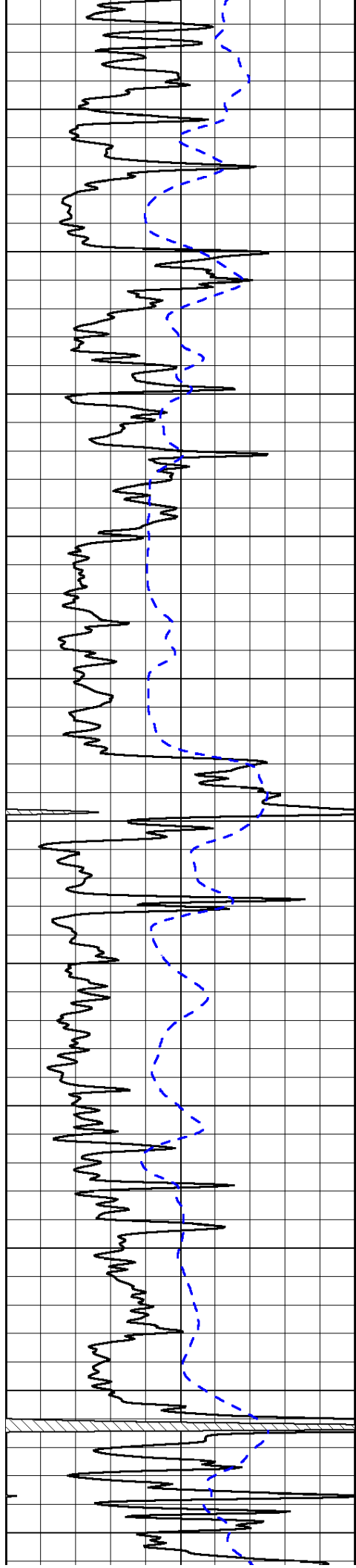


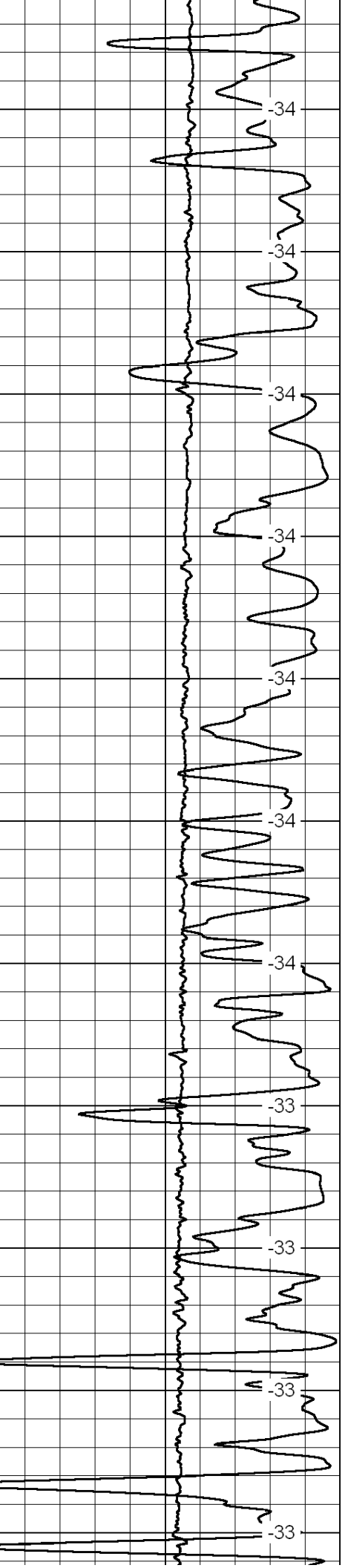
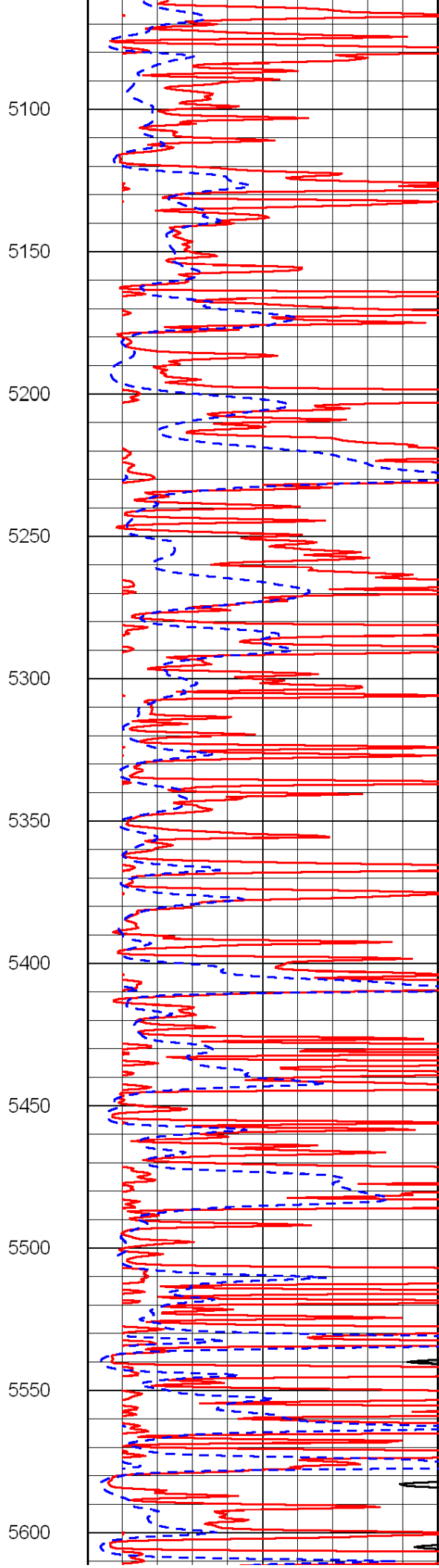
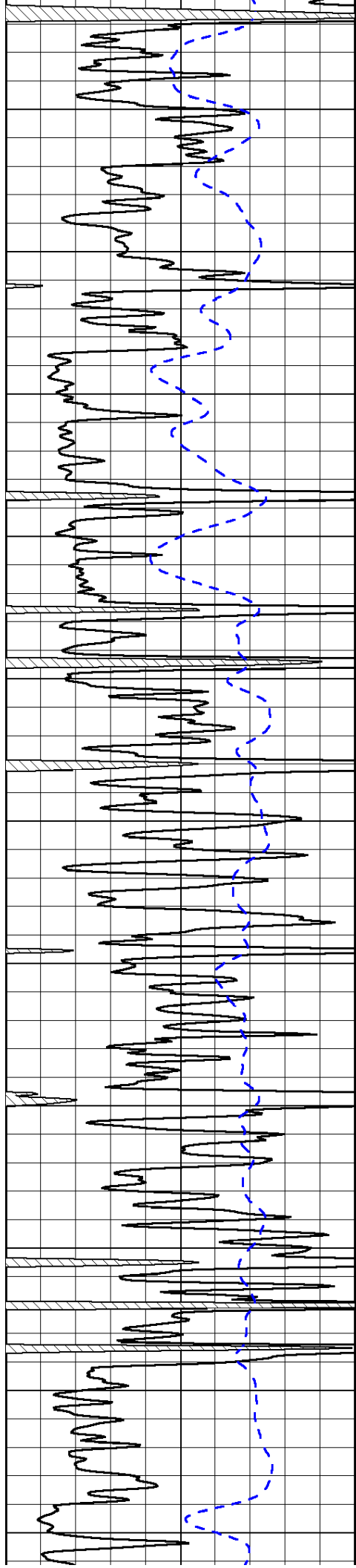


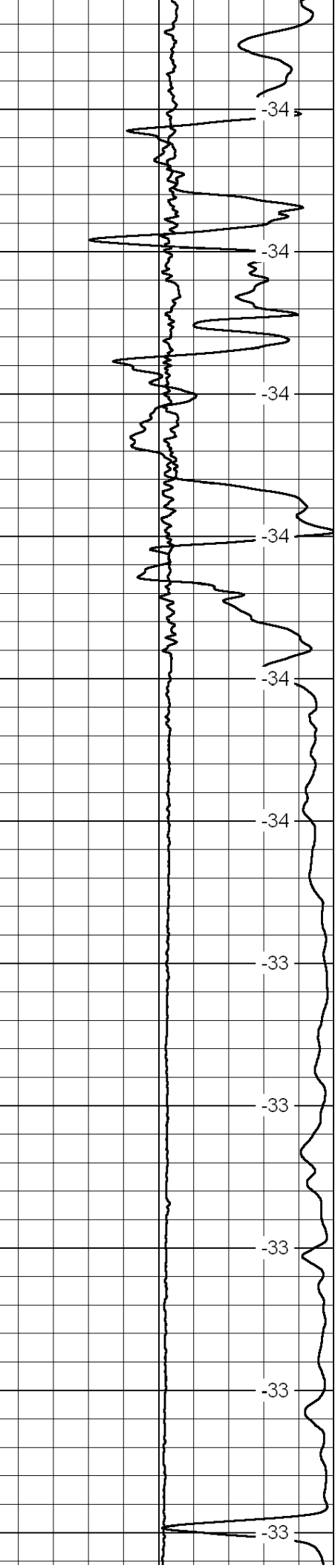
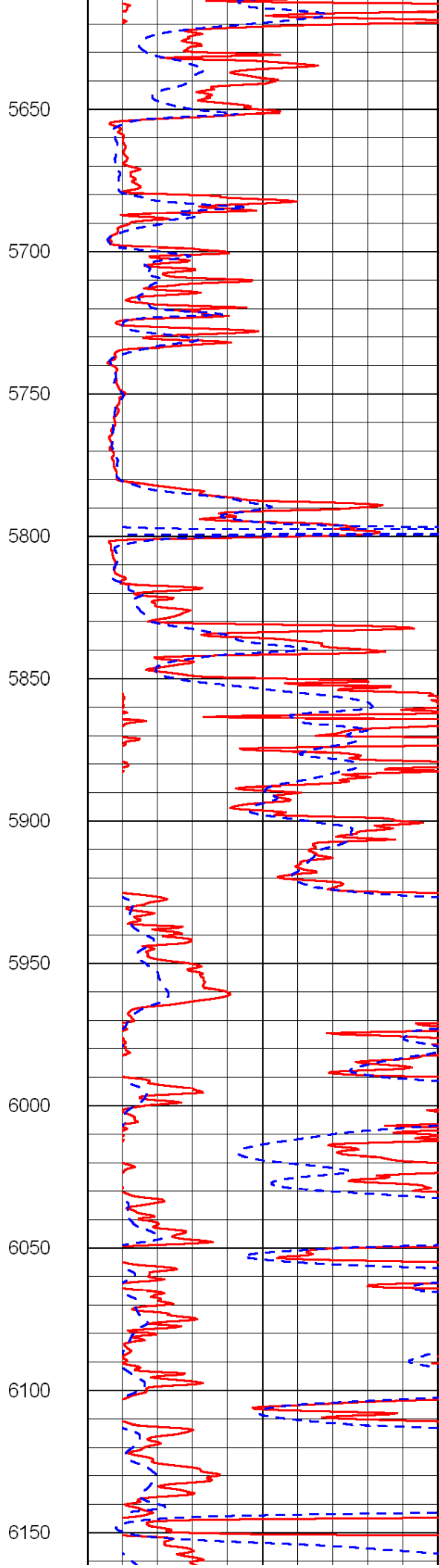
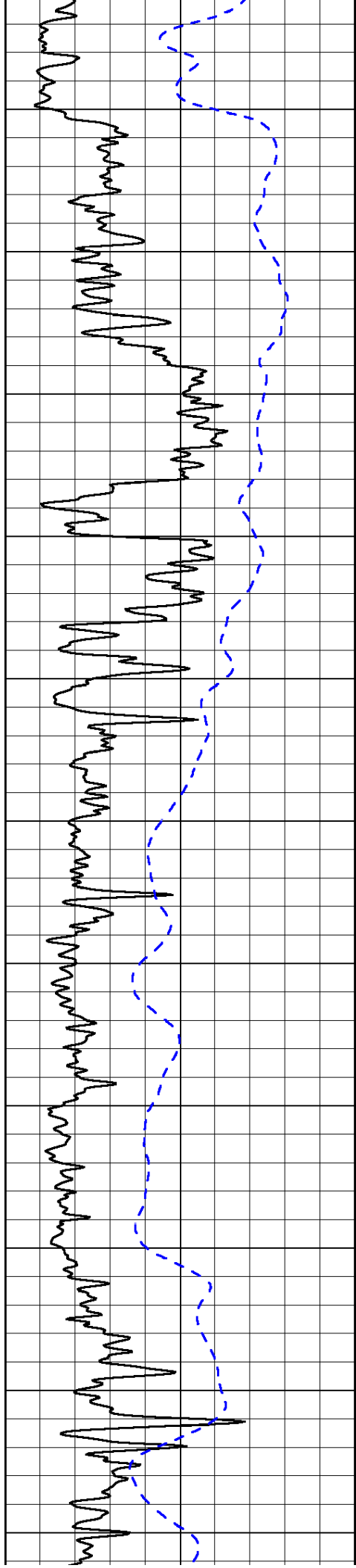


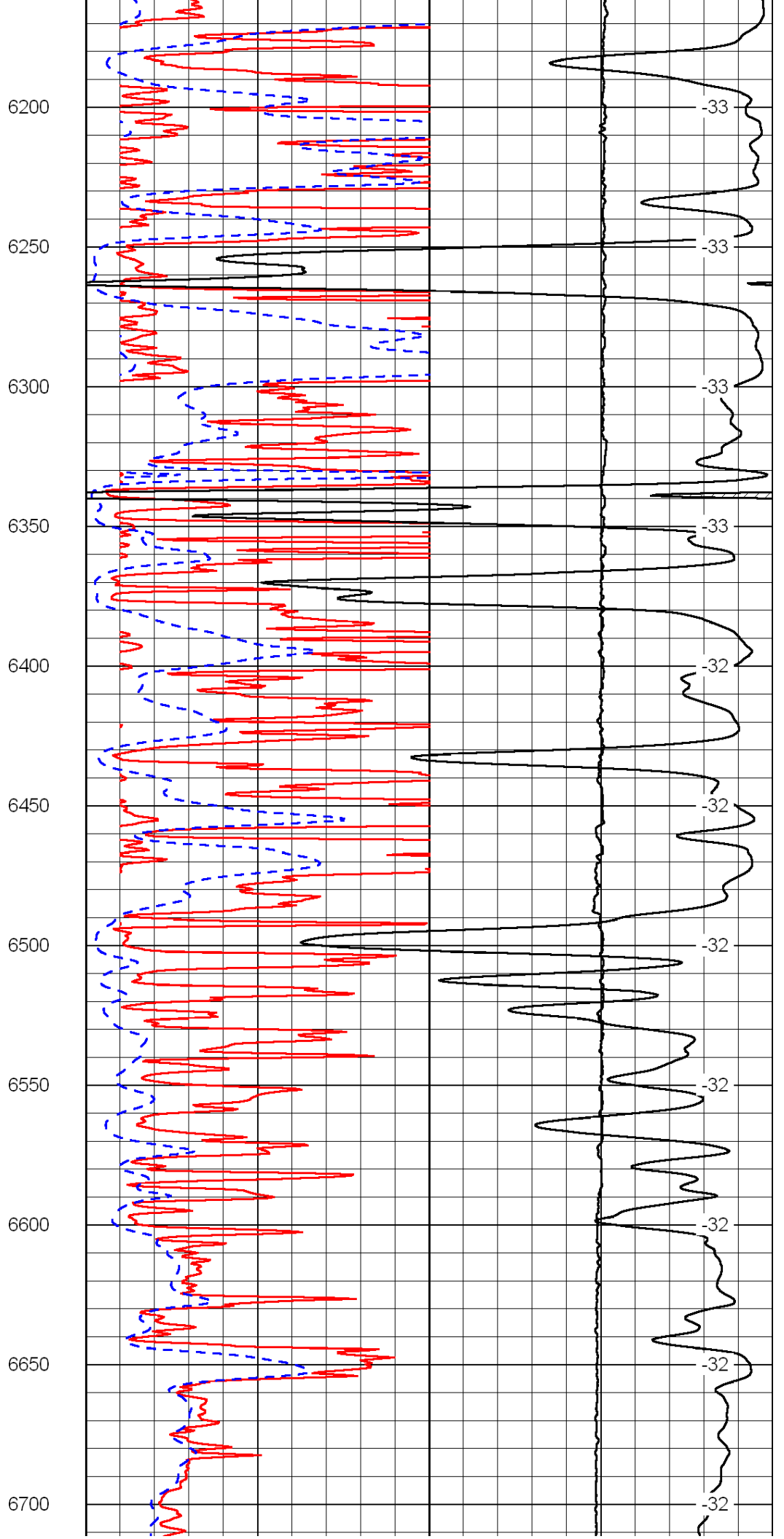
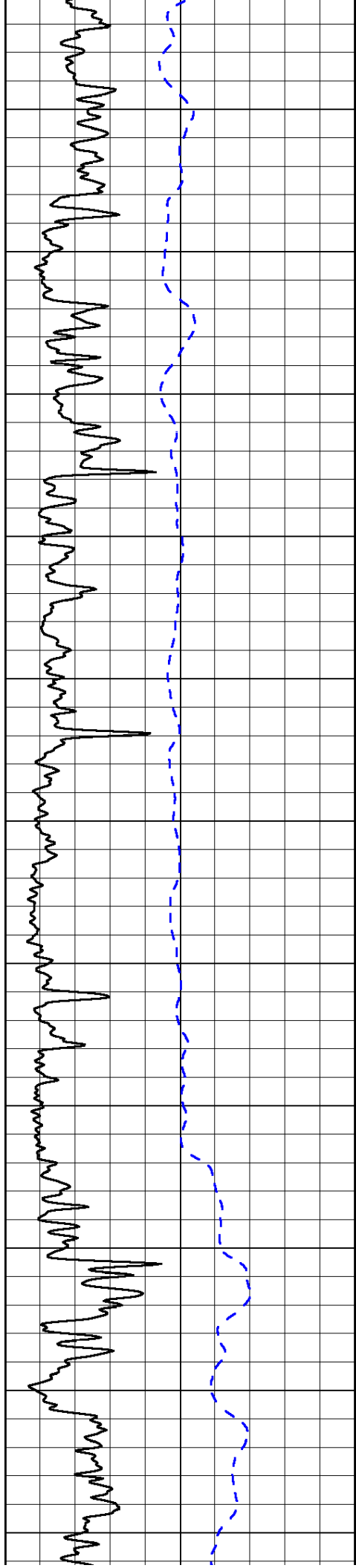


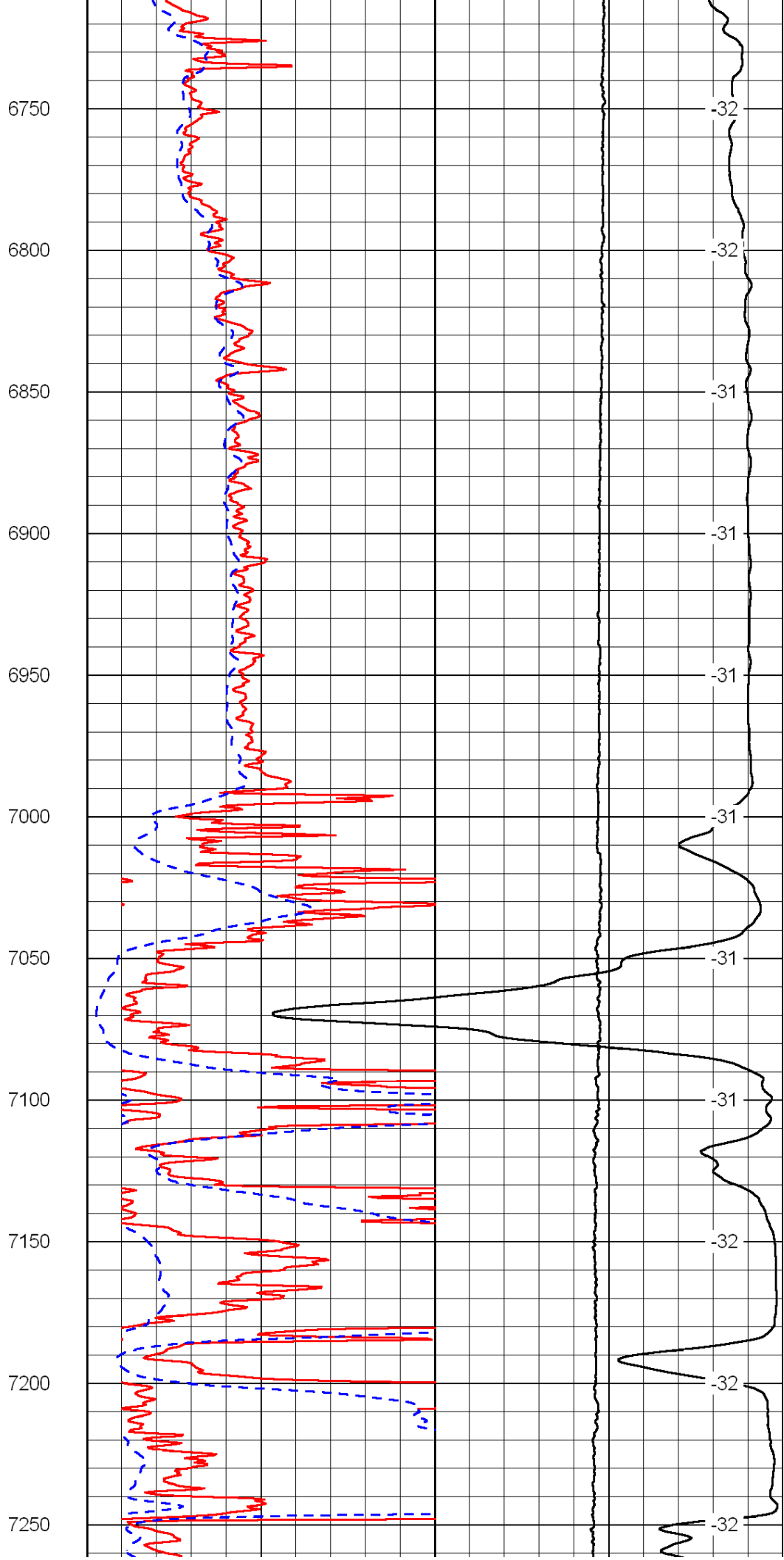
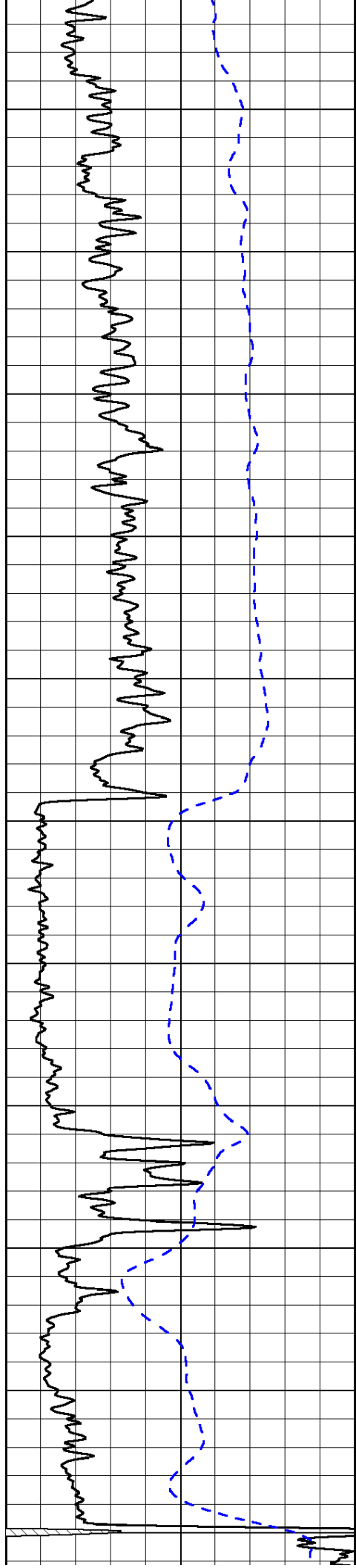


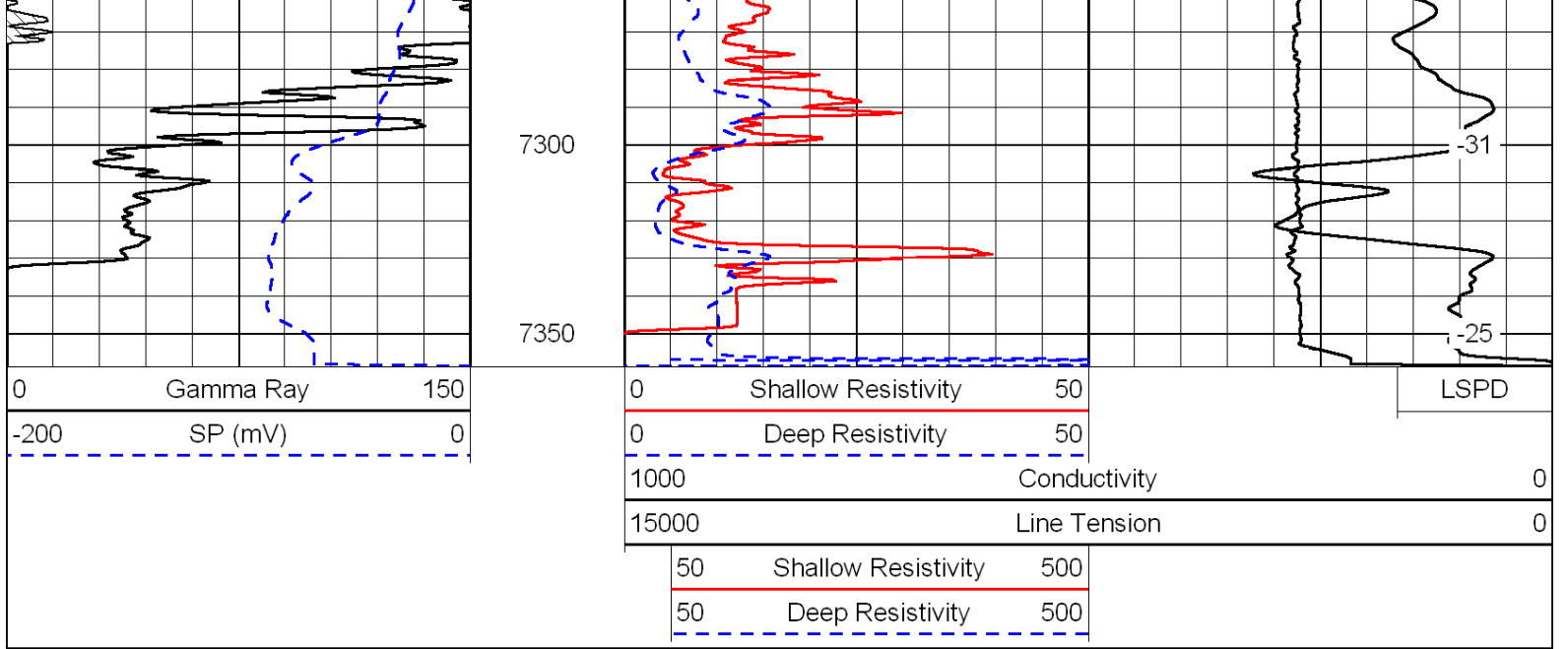




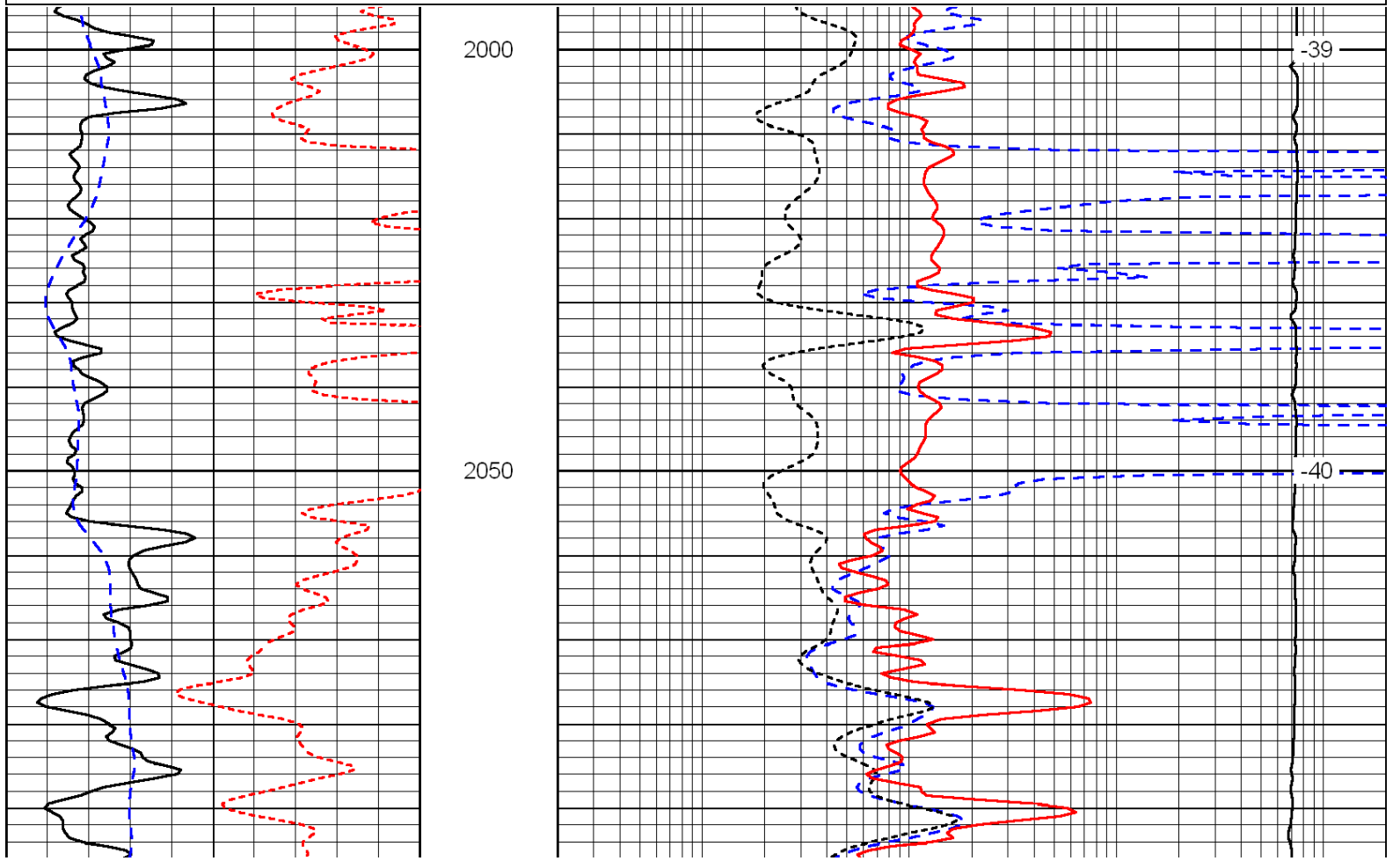
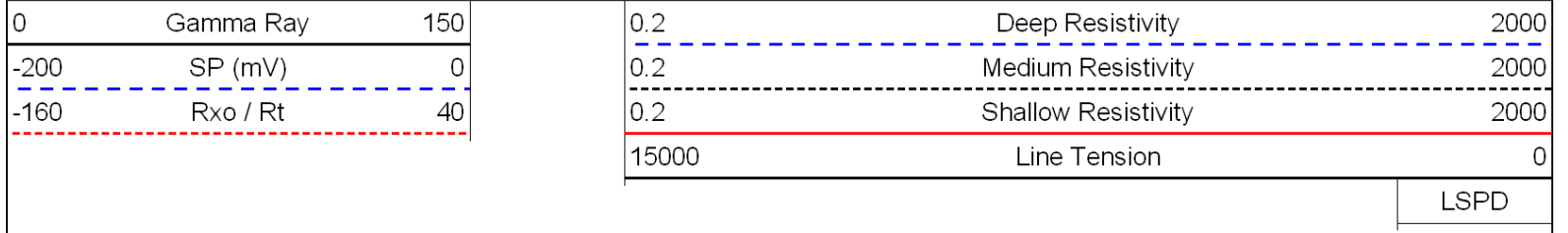


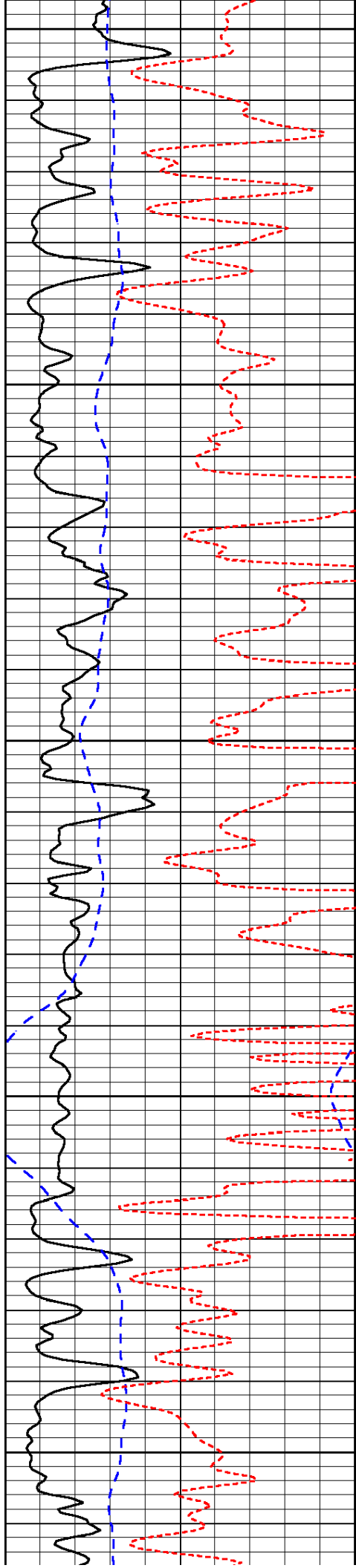






Database File: c:\warrior\data\midco\_theis no 1-19\midcohd.db  
 Dataset Pathname: dil/midcostck  
 Presentation Format: dil  
 Dataset Creation: Mon May 10 22:31:35 2010  
 Charted by: Depth in Feet scaled 1:240





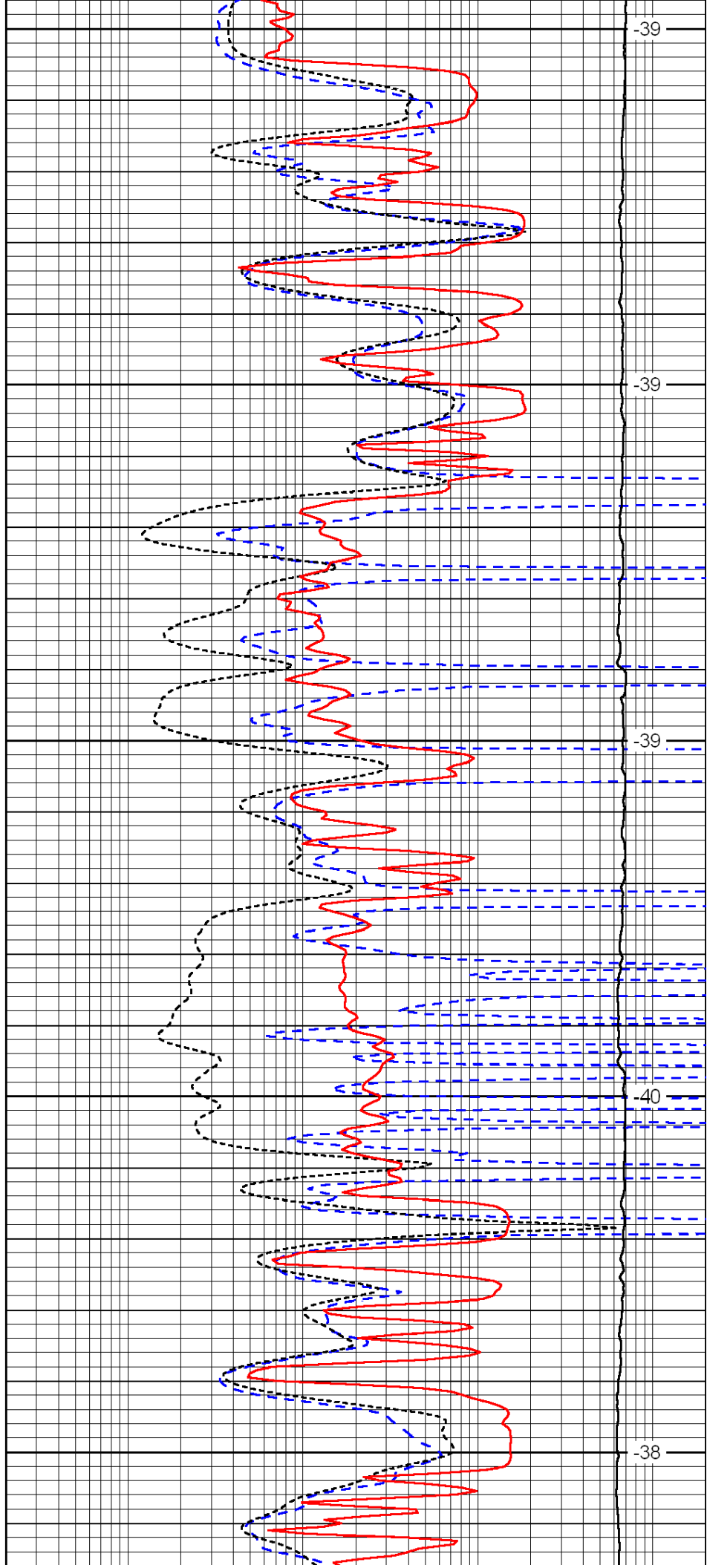
2100

2150

2200

2250

2300



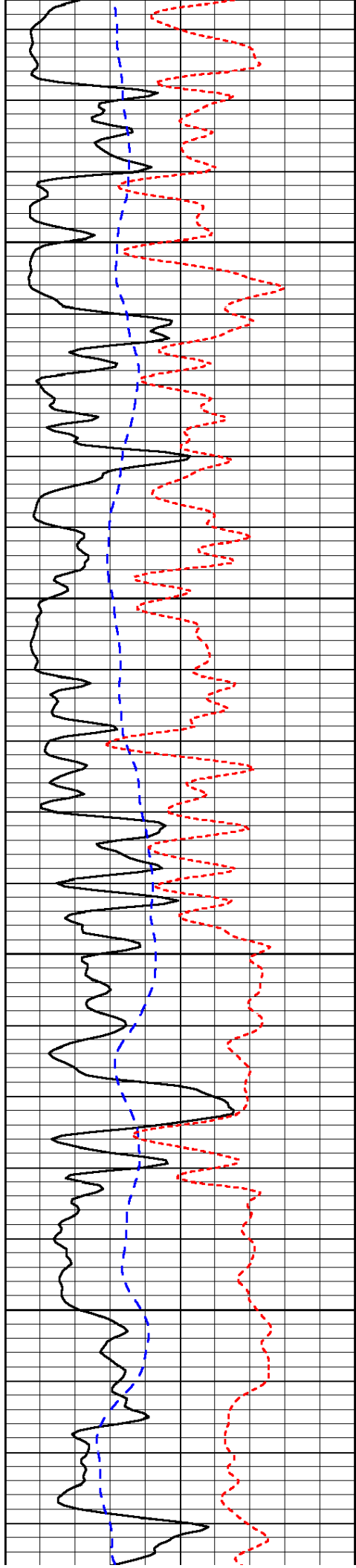
-39

-39

-39

-40

-38

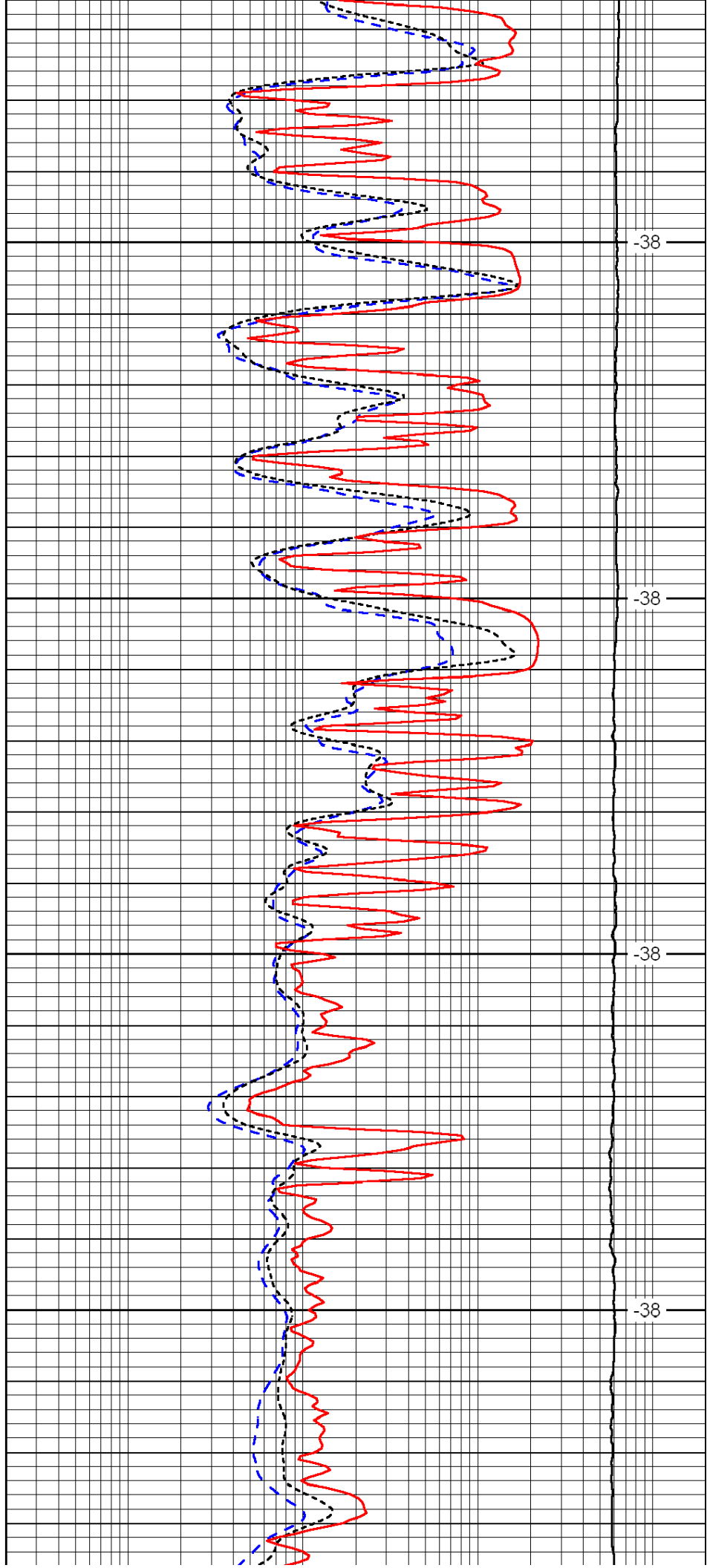


2350

2400

2450

2500

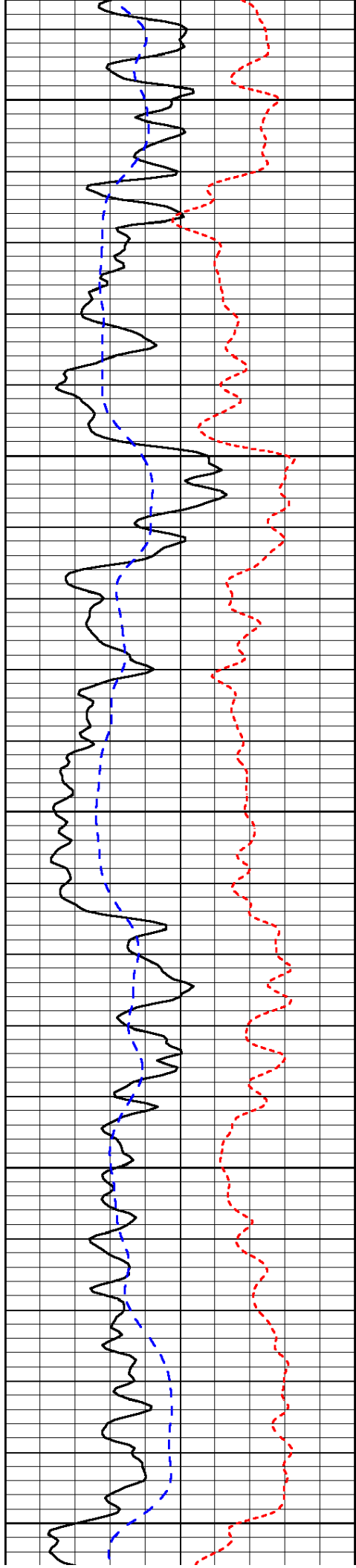


-38

-38

-38

-38



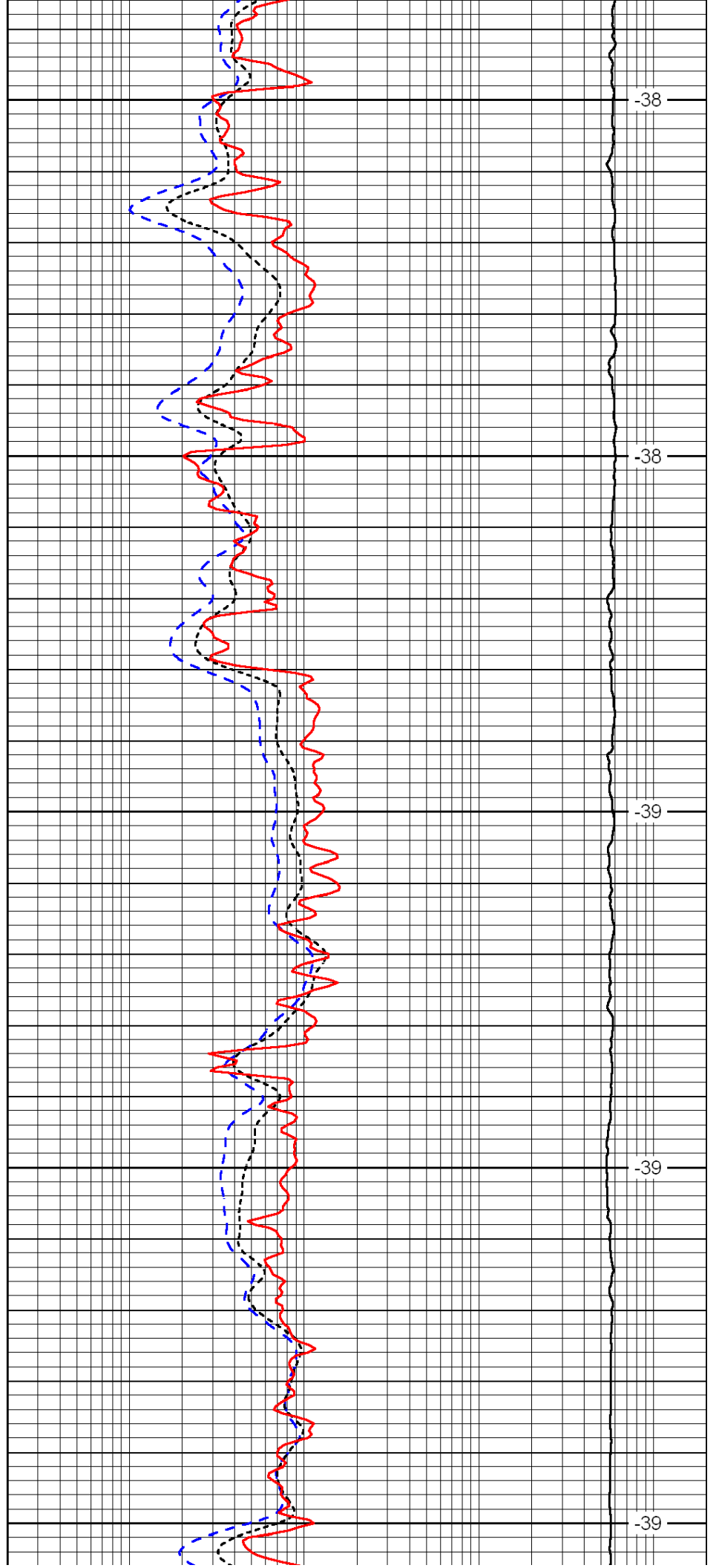
2550

2600

2650

2700

2750



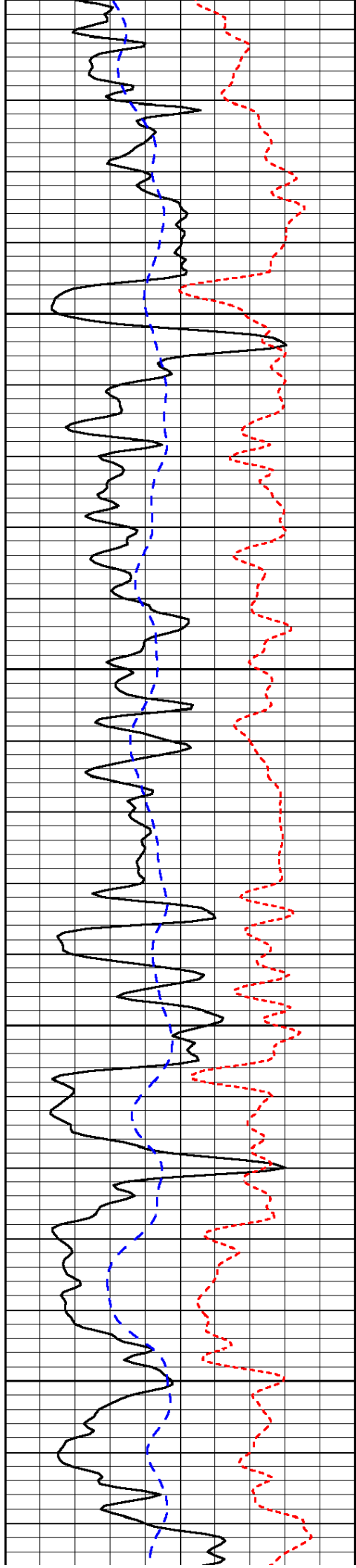
-38

-38

-39

-39

-39

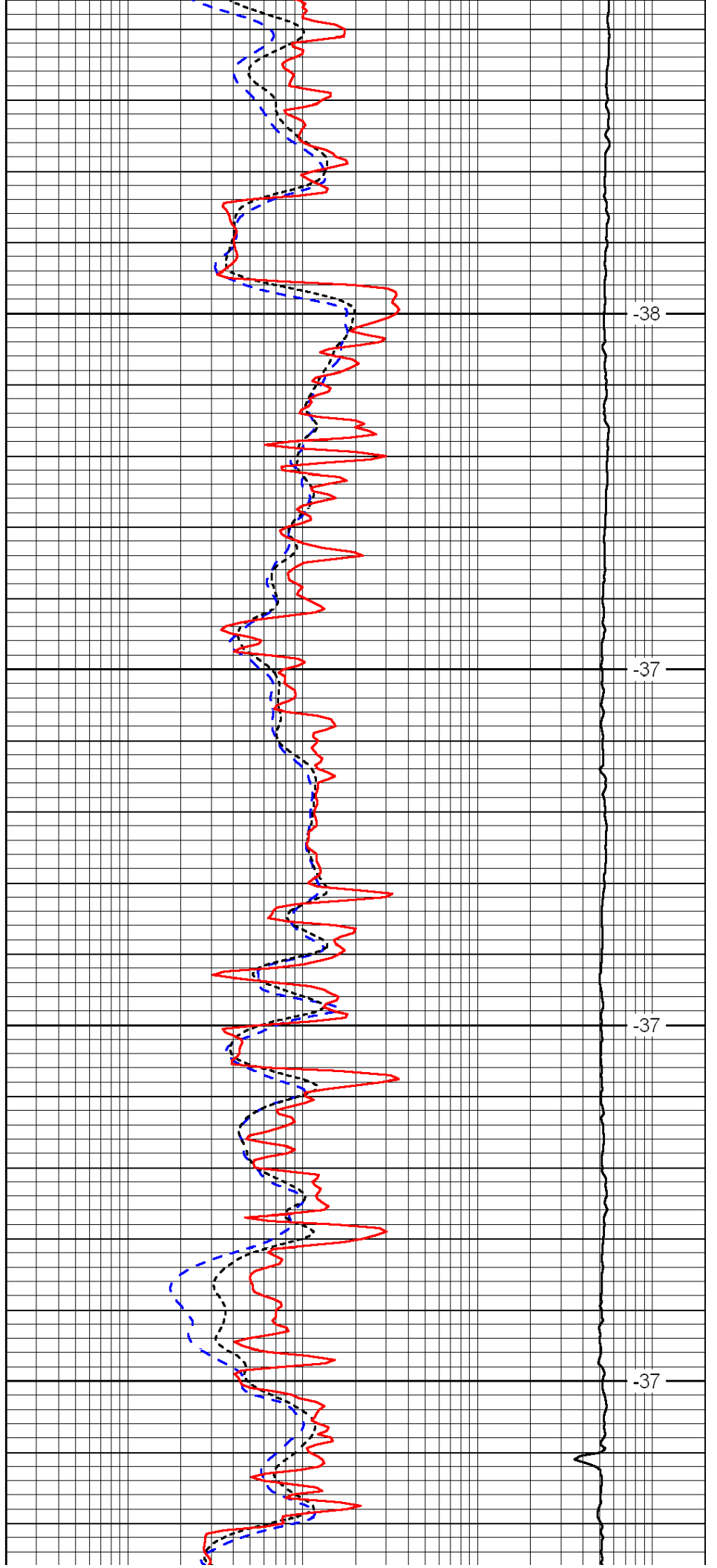


2800

2850

2900

2950

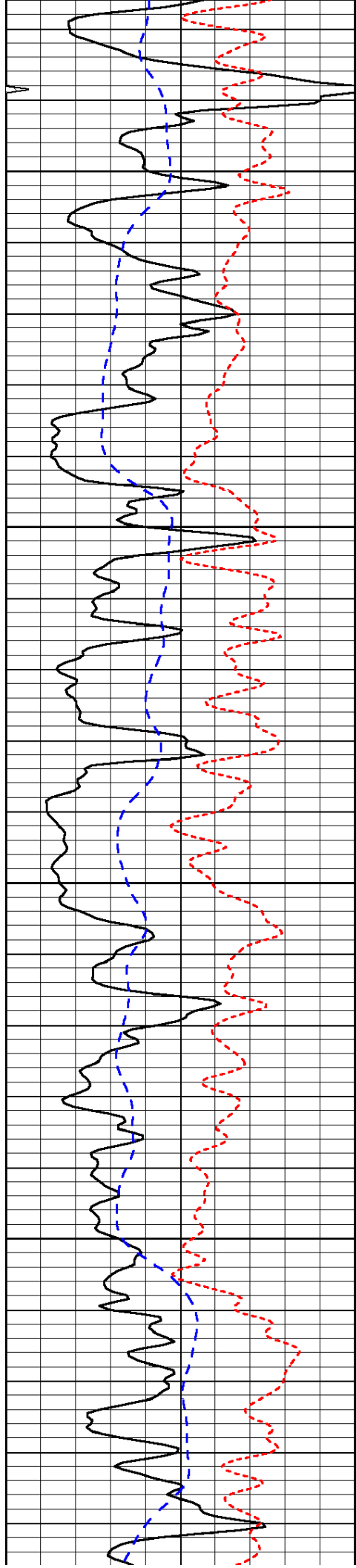


-38

-37

-37

-37

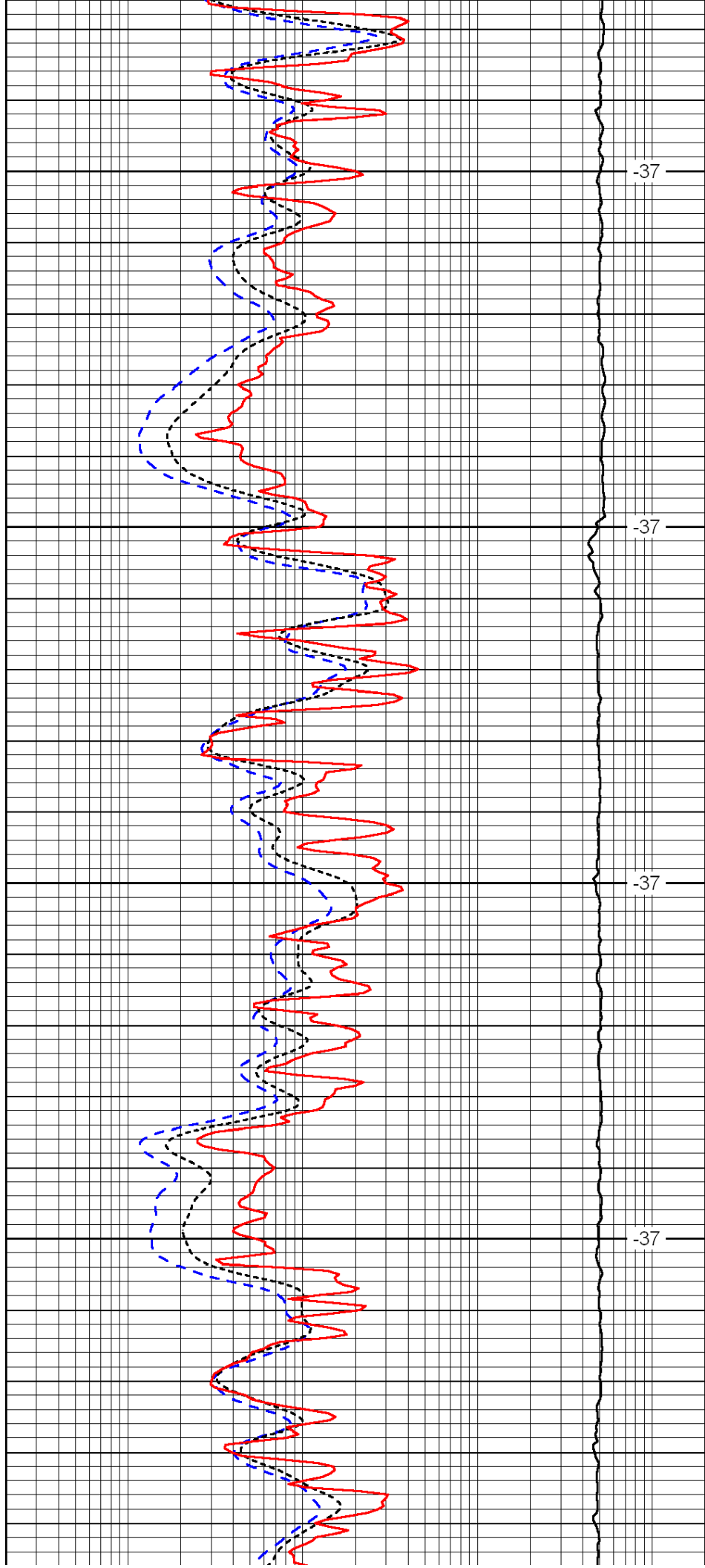


3000

3050

3100

3150

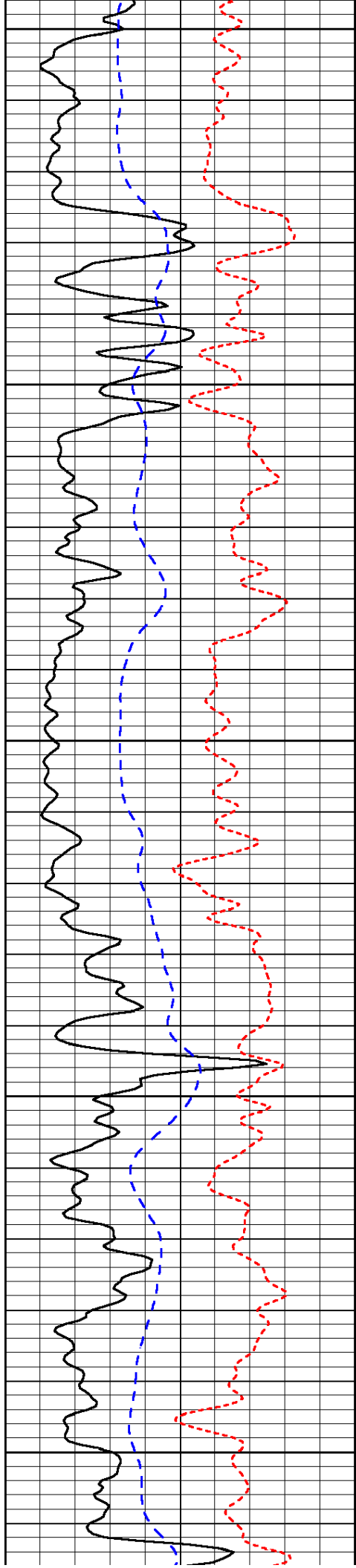


-37

-37

-37

-37



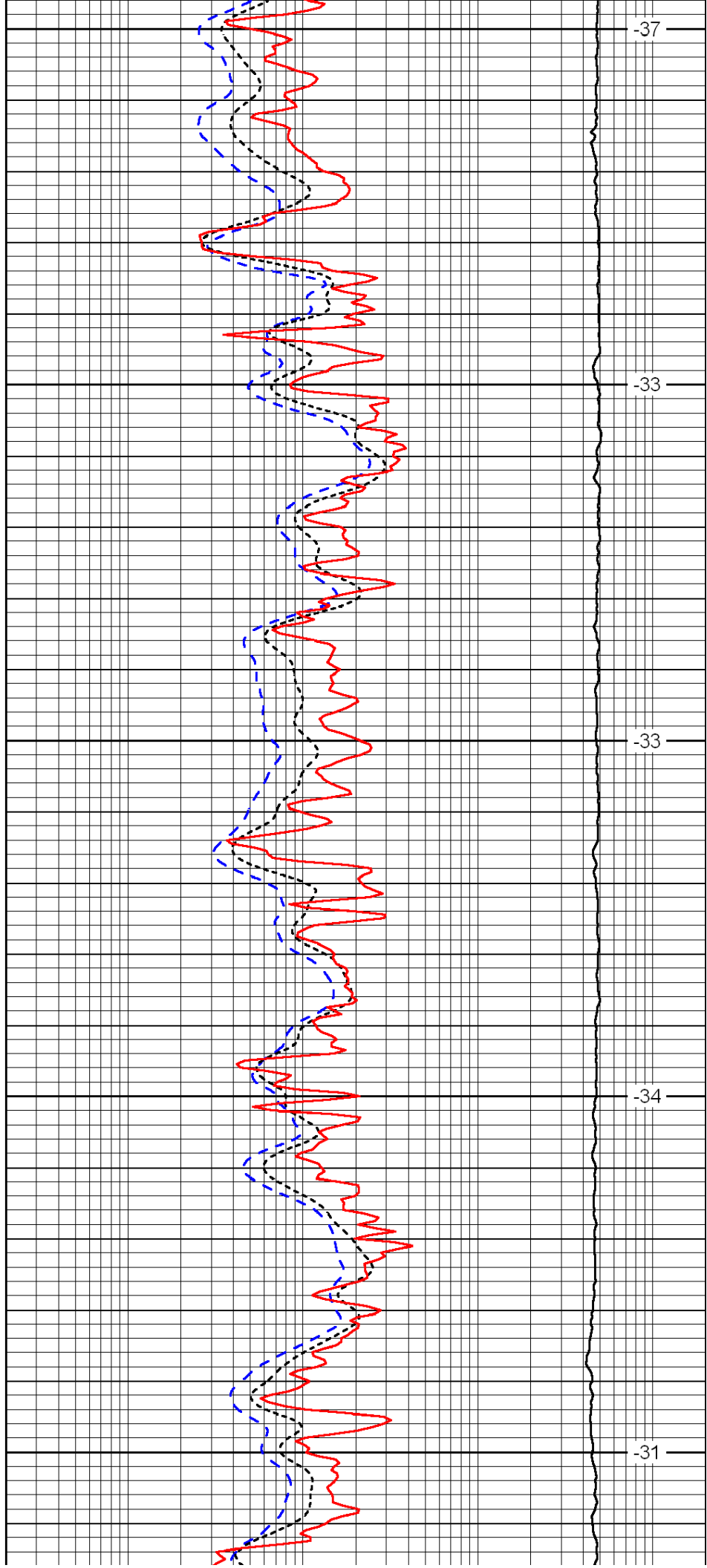
3200

3250

3300

3350

3400



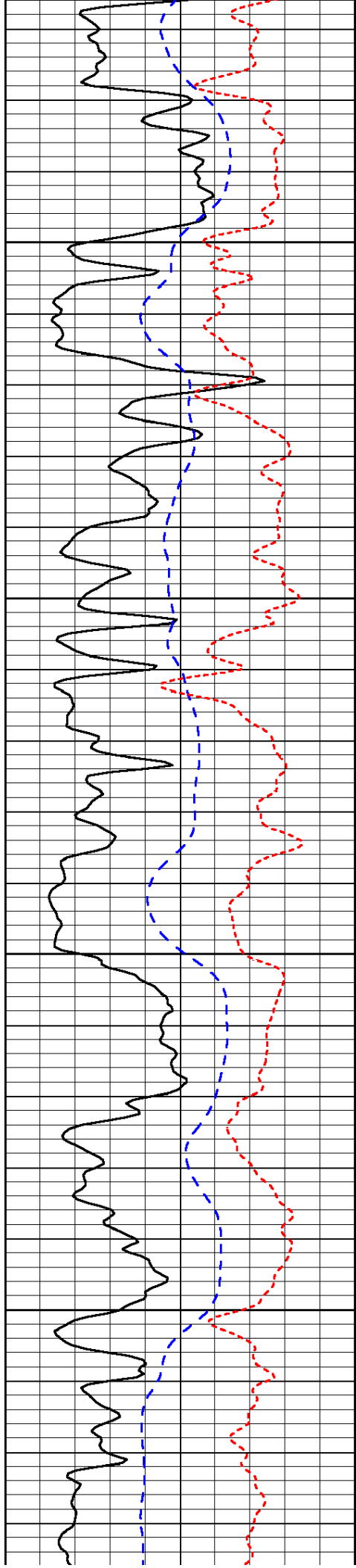
-37

-33

-33

-34

-31

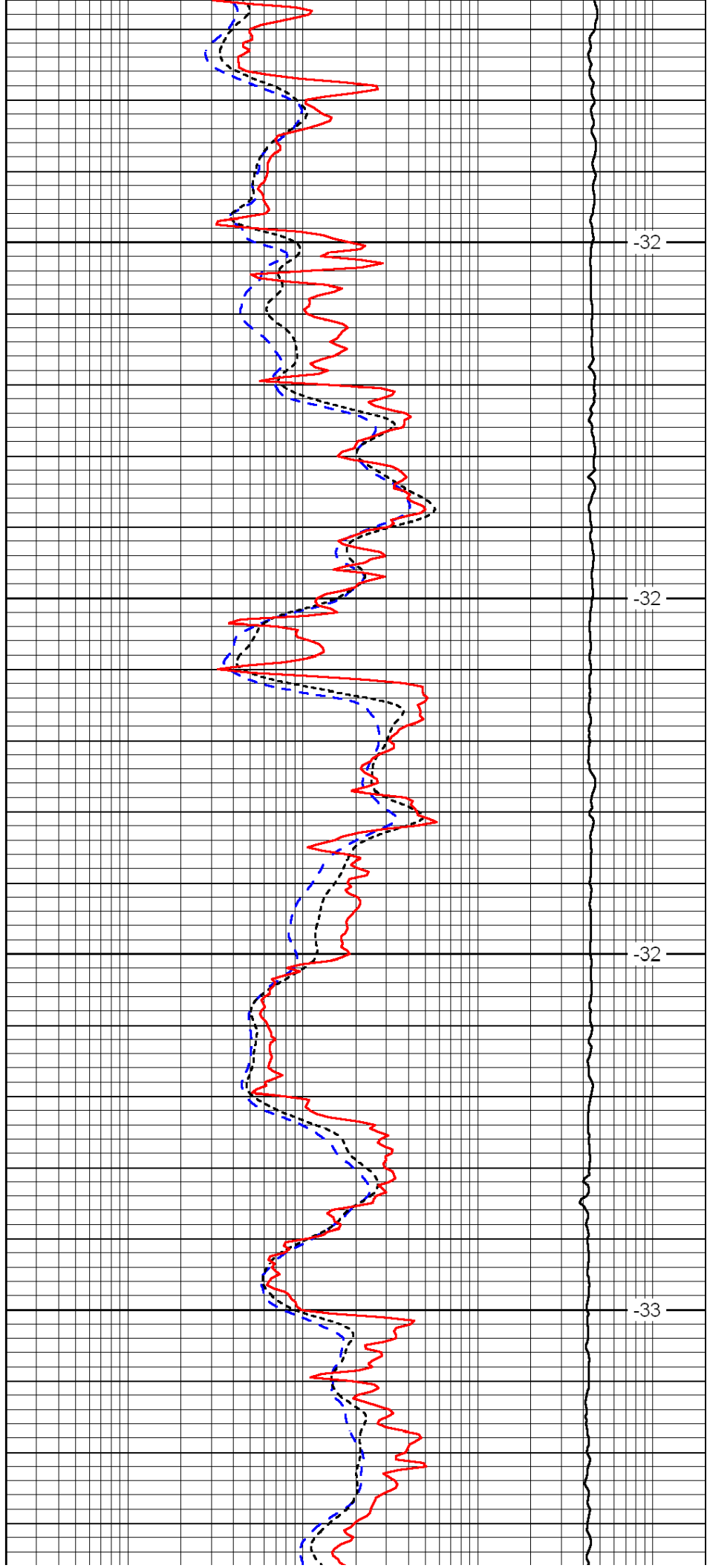


3450

3500

3550

3600

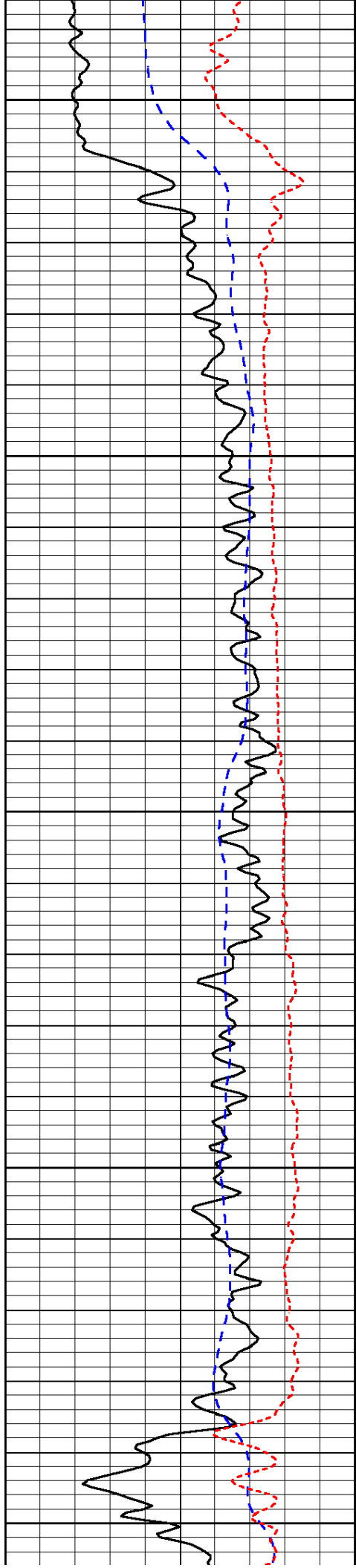


-32

-32

-32

-33



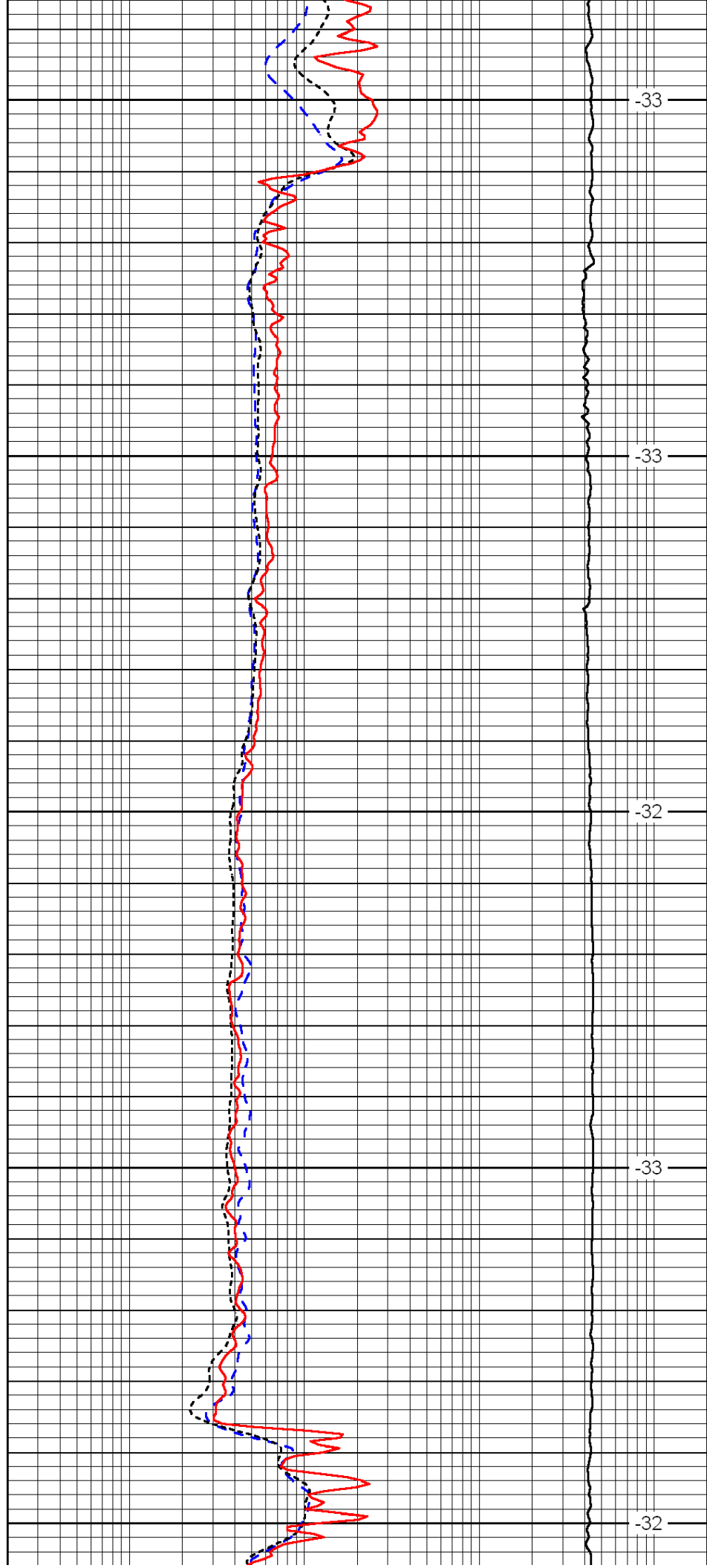
3650

3700

3750

3800

3850



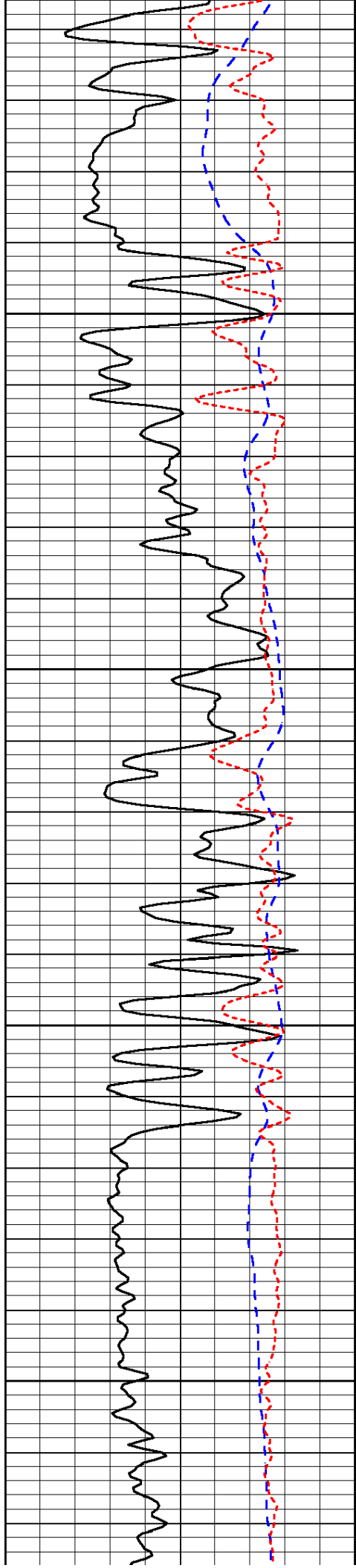
-33

-33

-32

-33

-32

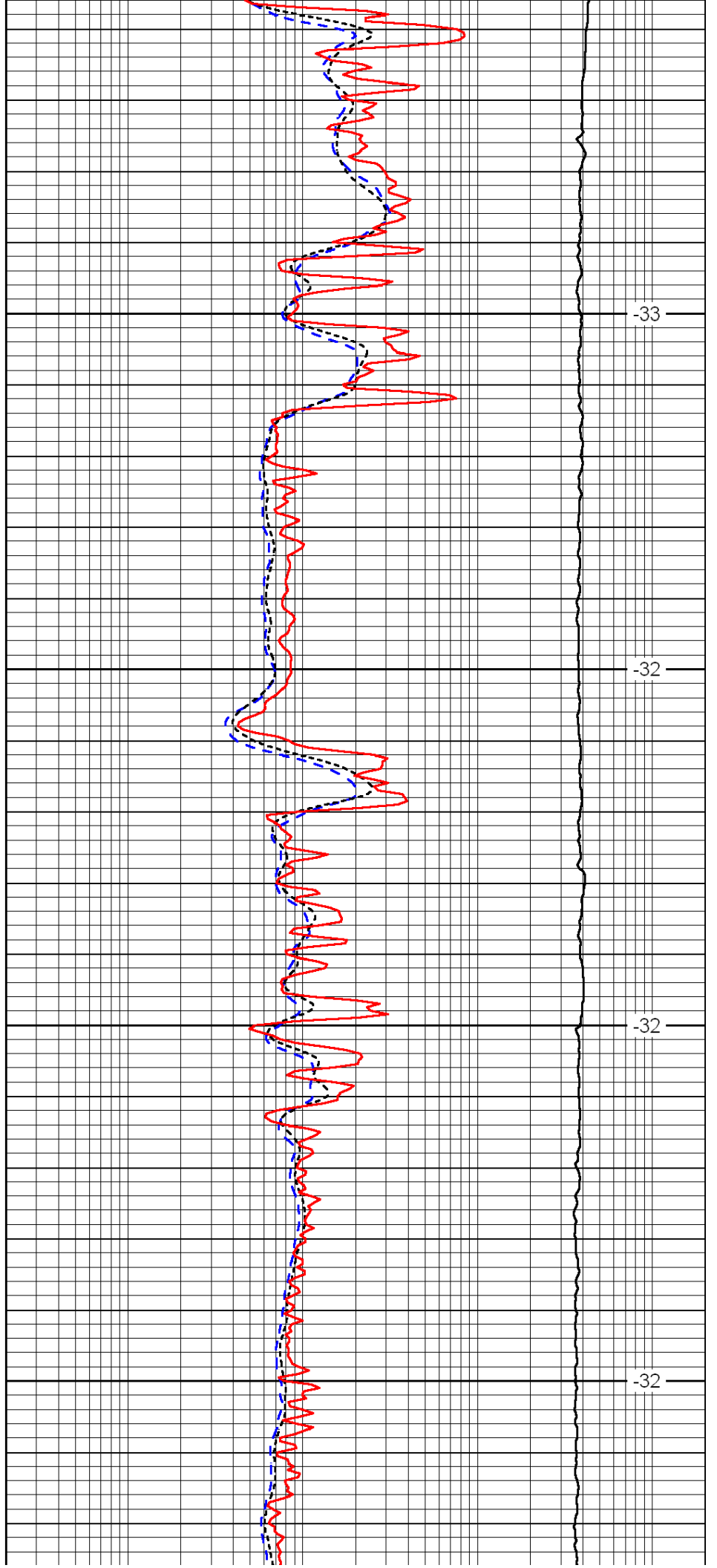


3900

3950

4000

4050

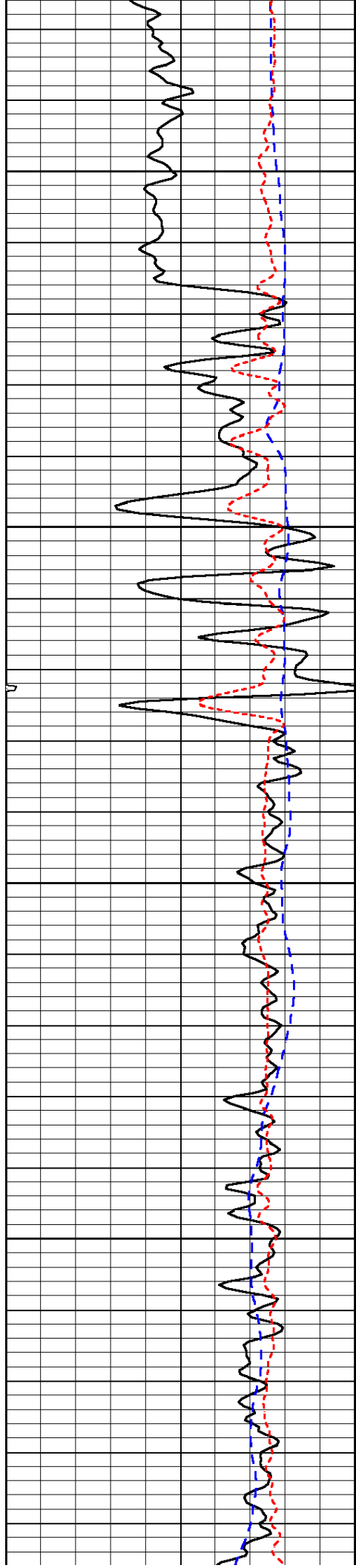


-33

-32

-32

-32

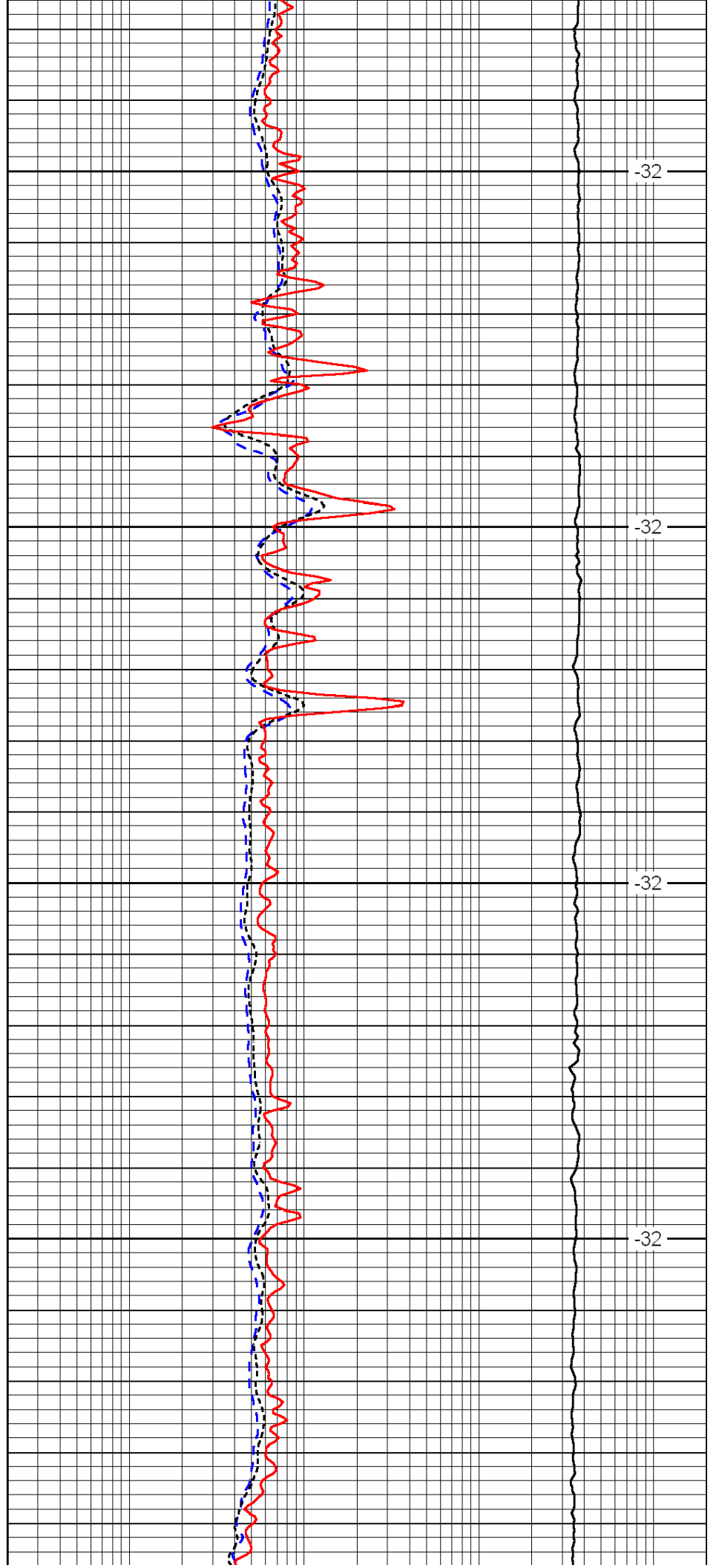


4100

4150

4200

4250

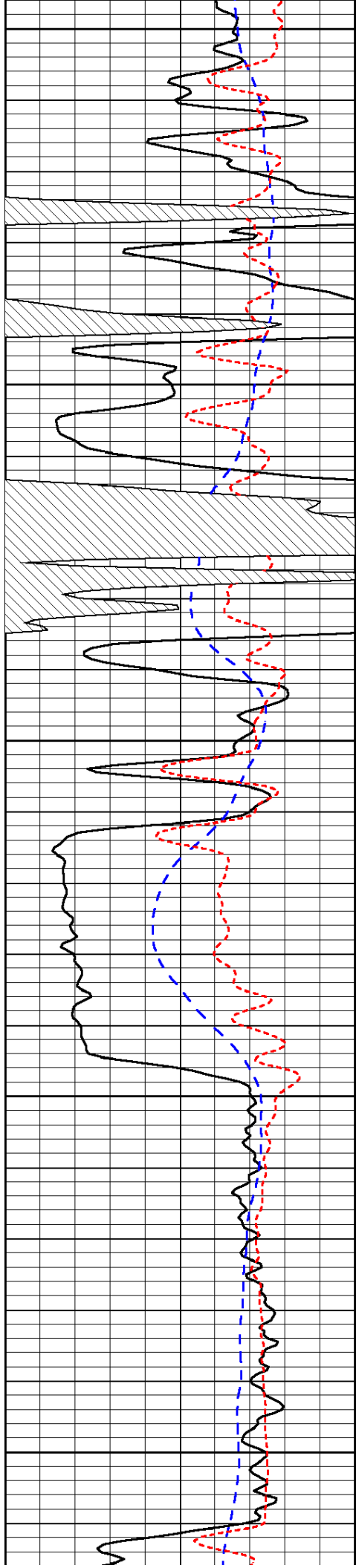


-32

-32

-32

-32



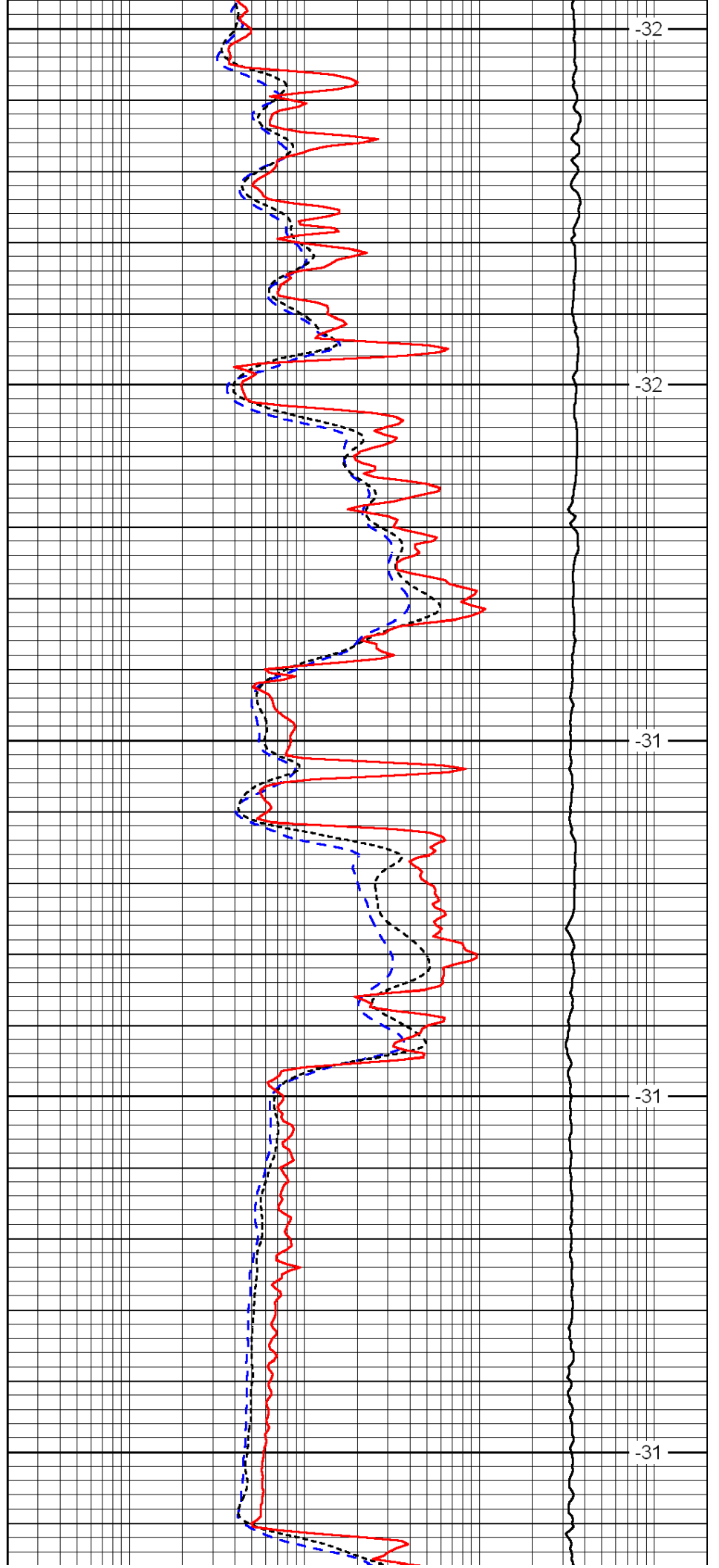
4300

4350

4400

4450

4500



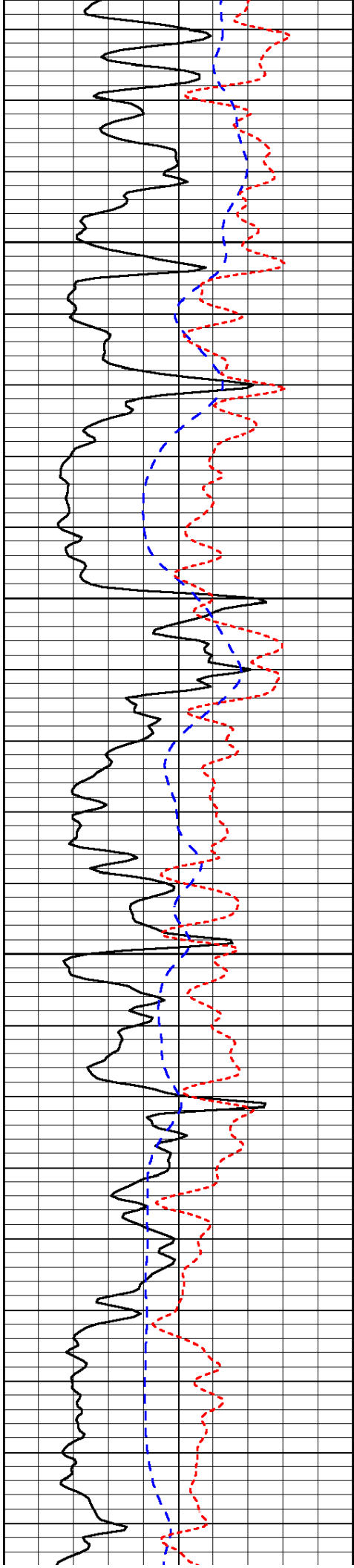
-32

-32

-31

-31

-31

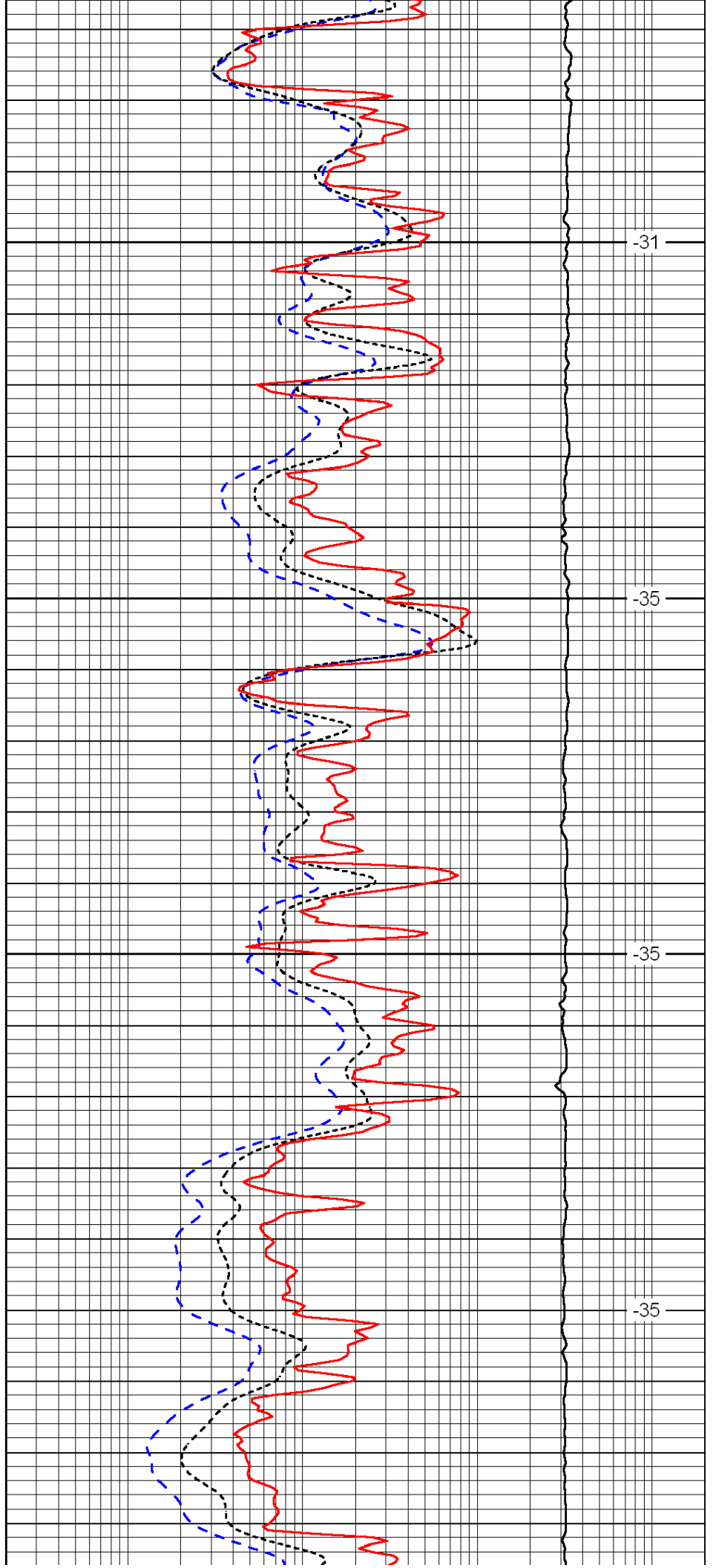


4550

4600

4650

4700

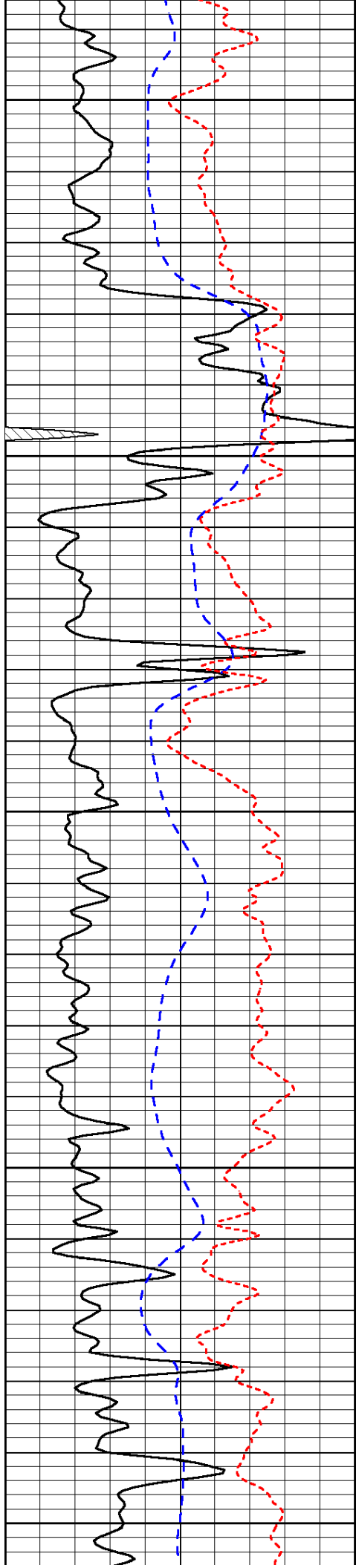


-31

-35

-35

-35



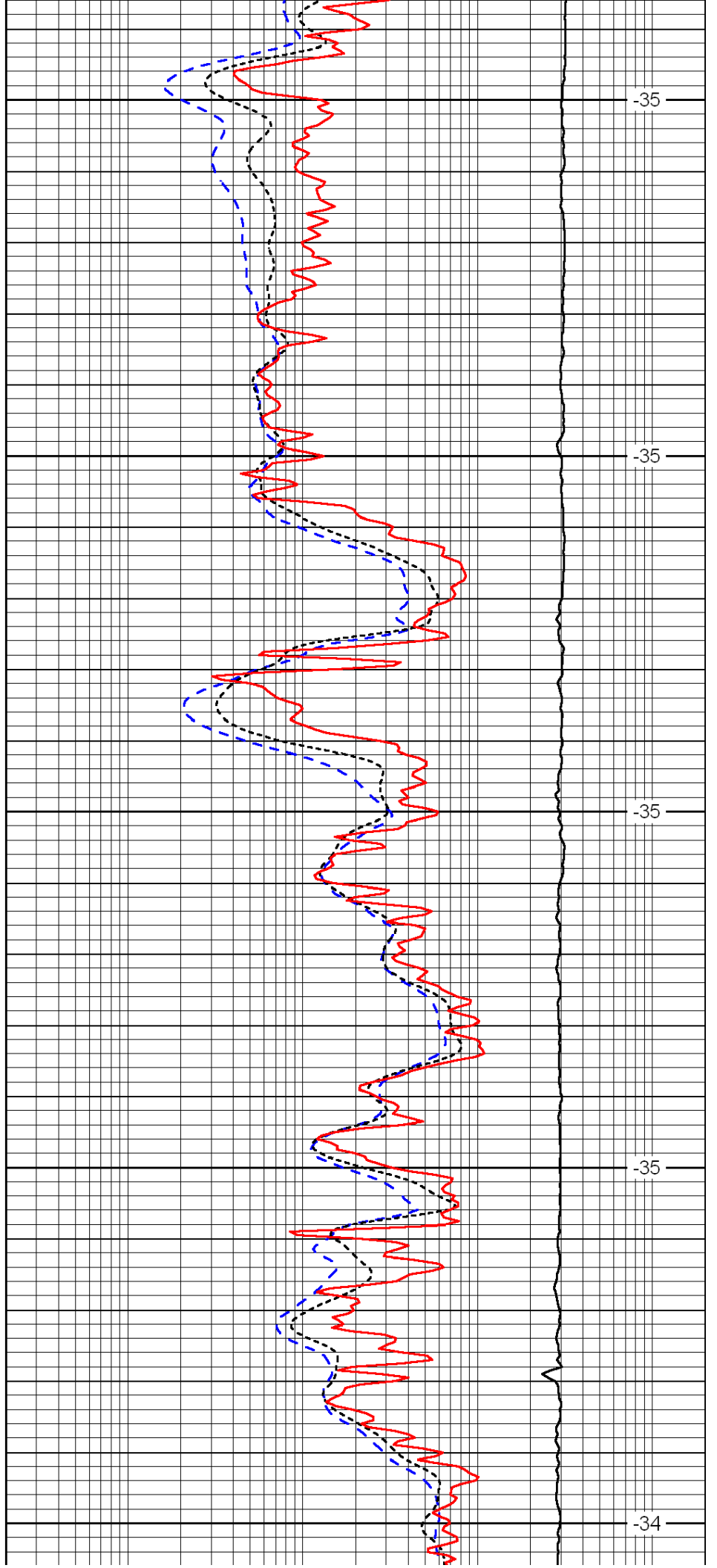
4750

4800

4850

4900

4950



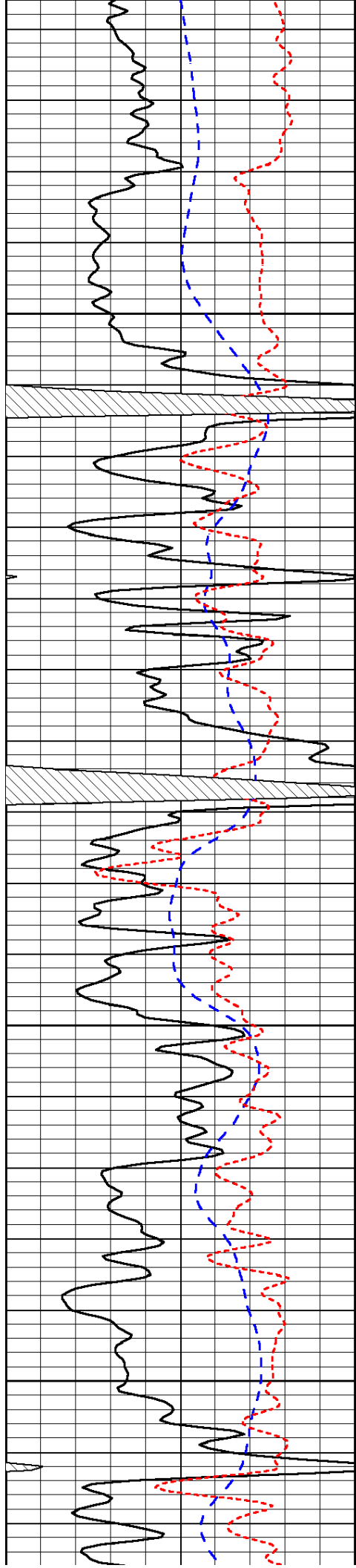
-35

-35

-35

-35

-34

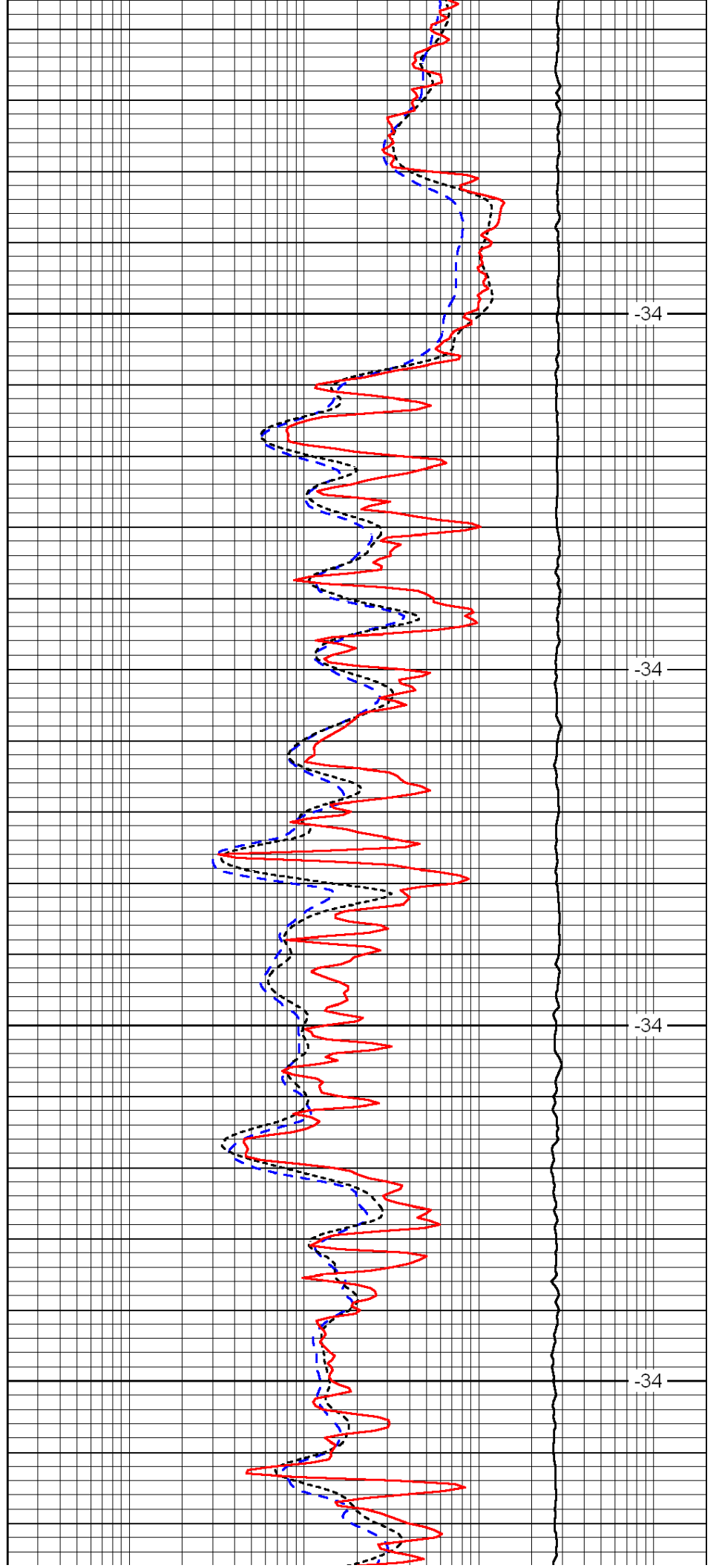


5000

5050

5100

5150

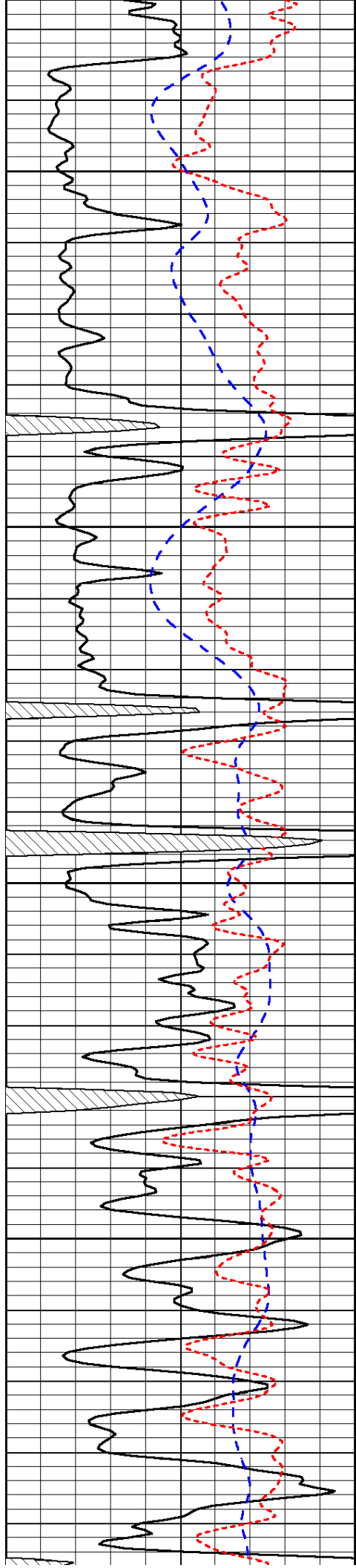


-34

-34

-34

-34

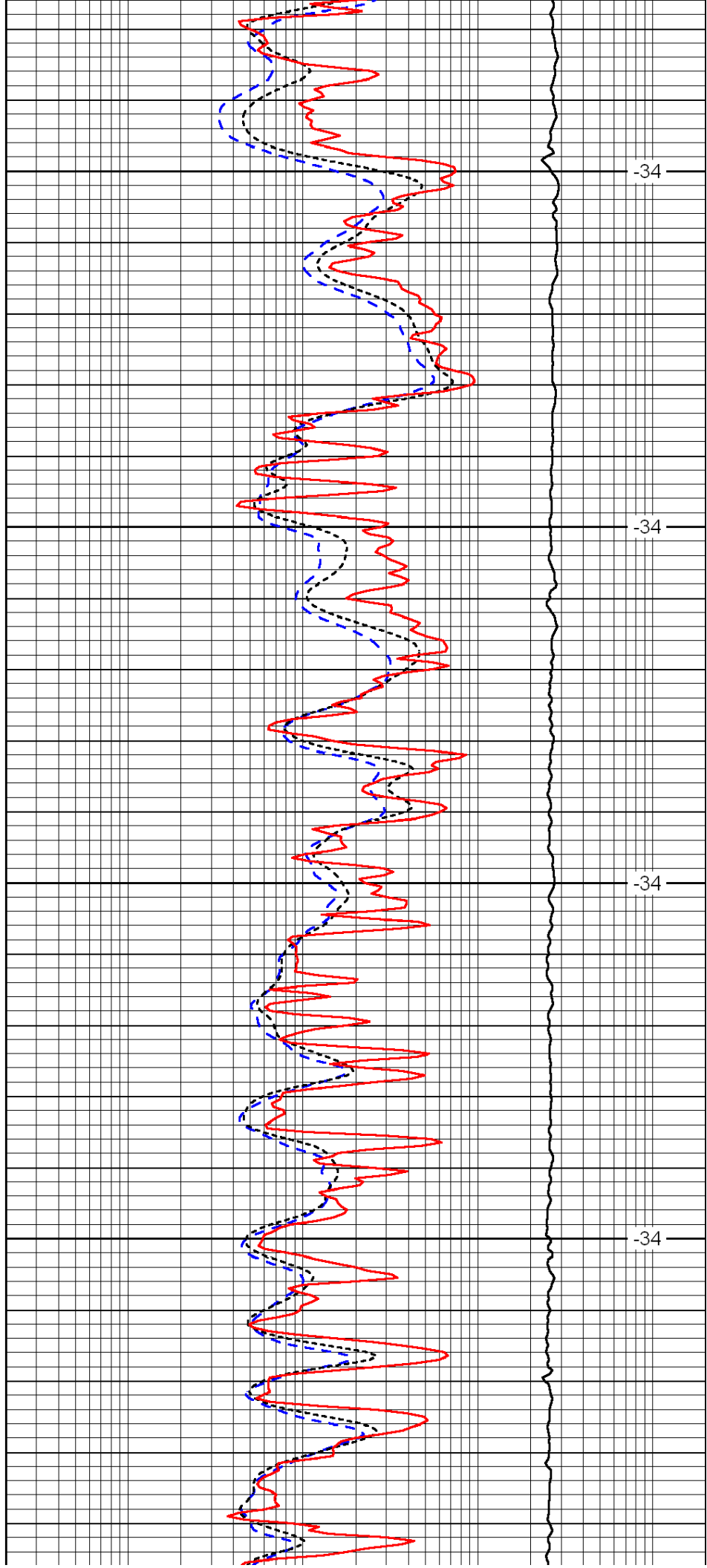


5200

5250

5300

5350

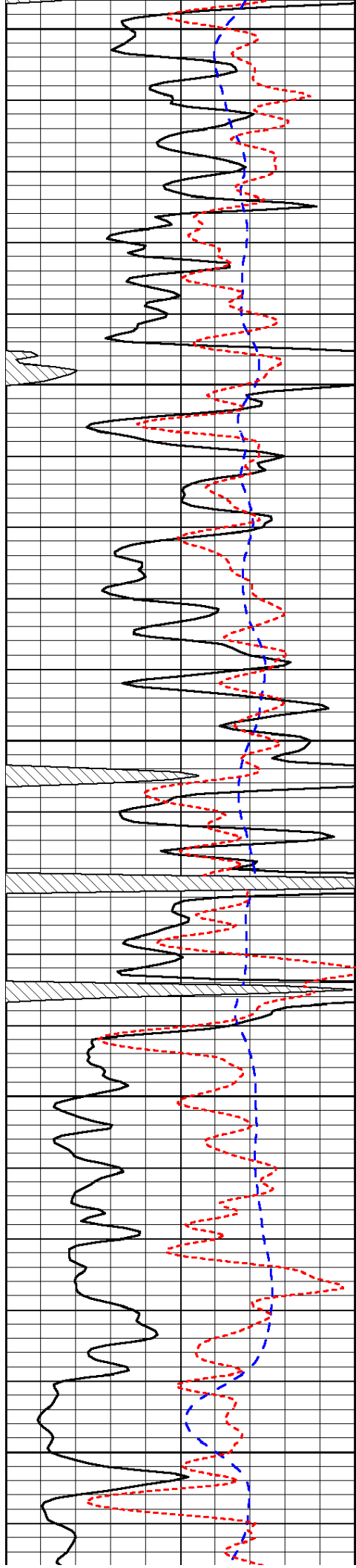


-34

-34

-34

-34



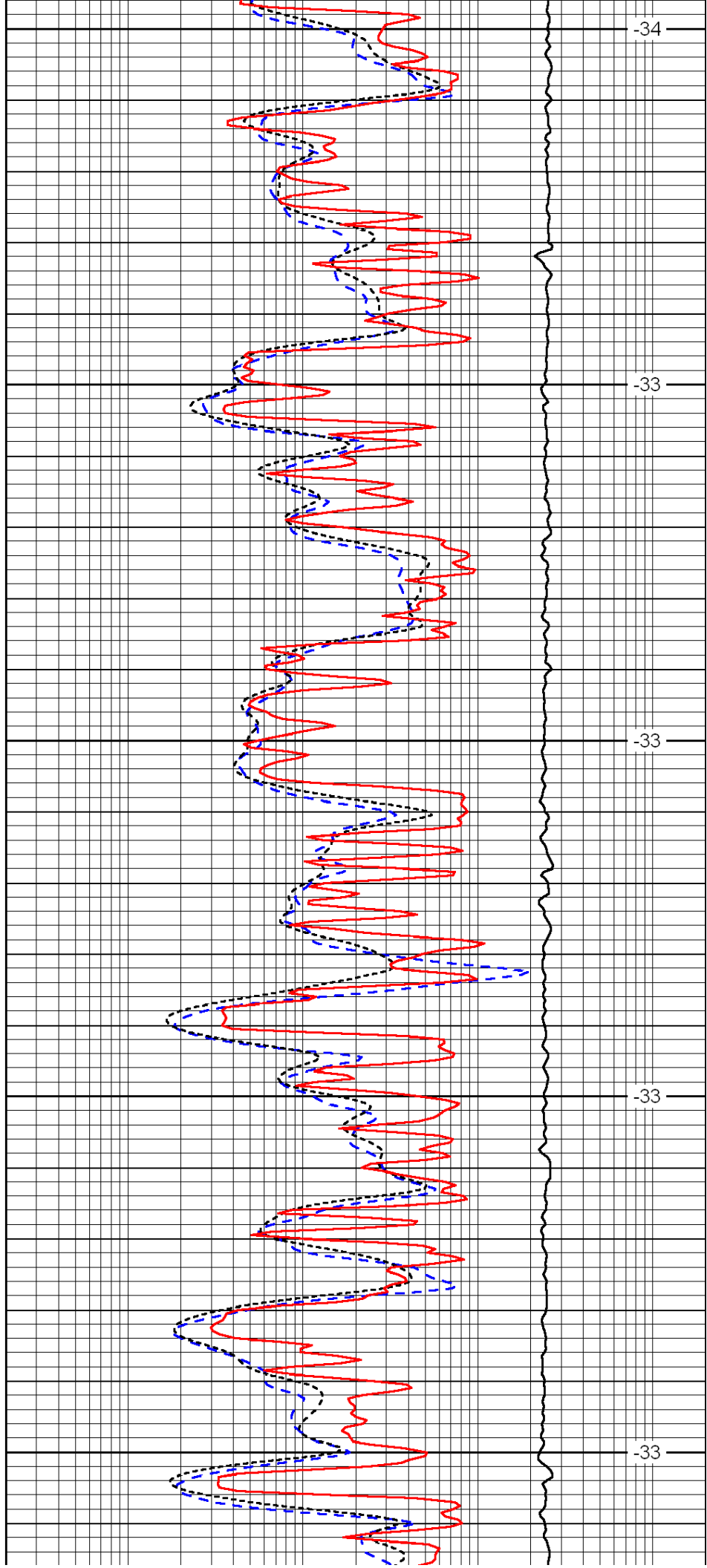
5400

5450

5500

5550

5600



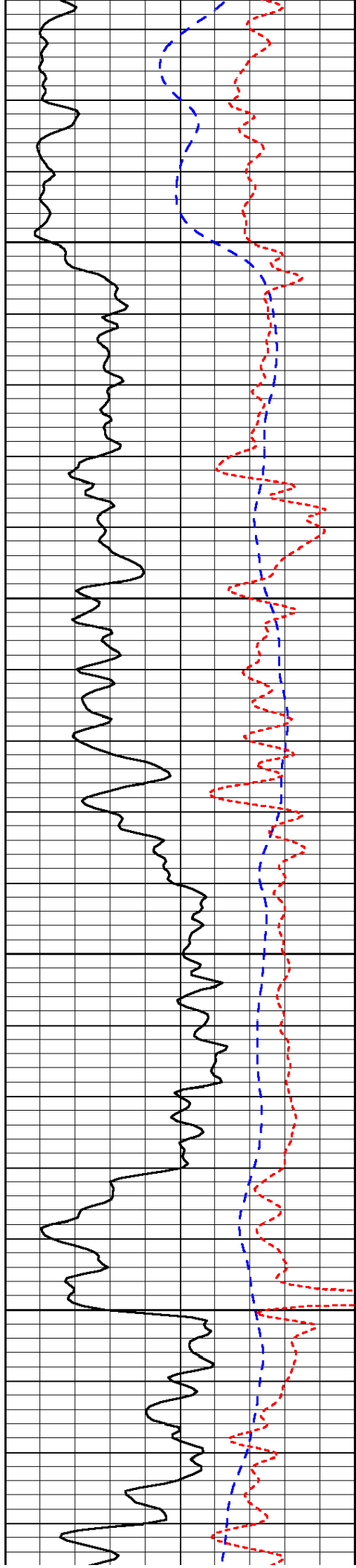
-34

-33

-33

-33

-33

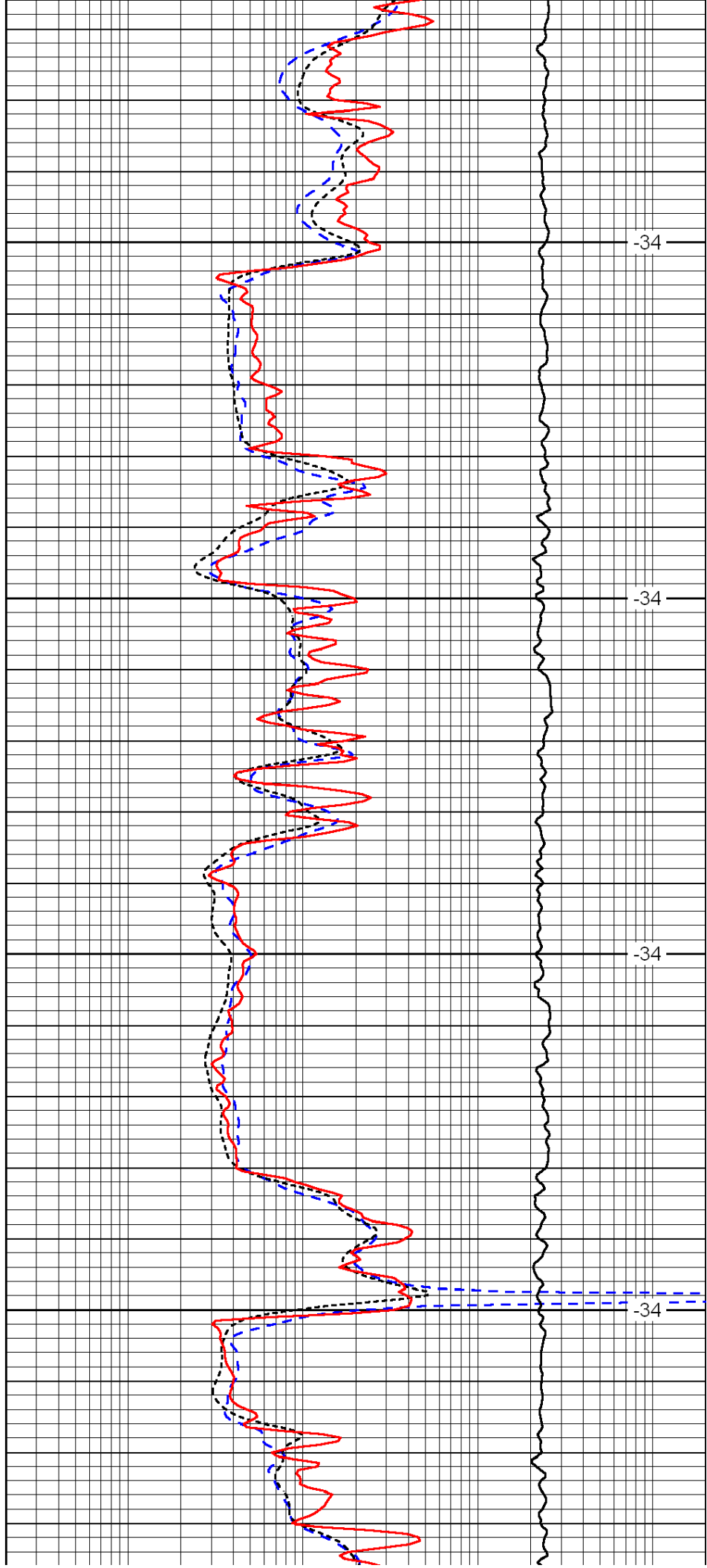


5650

5700

5750

5800

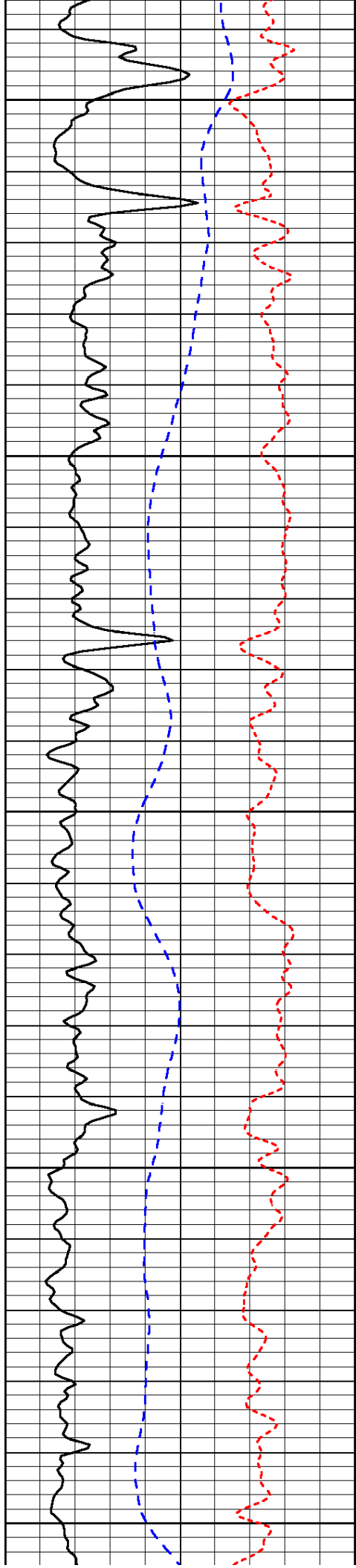


-34

-34

-34

-34



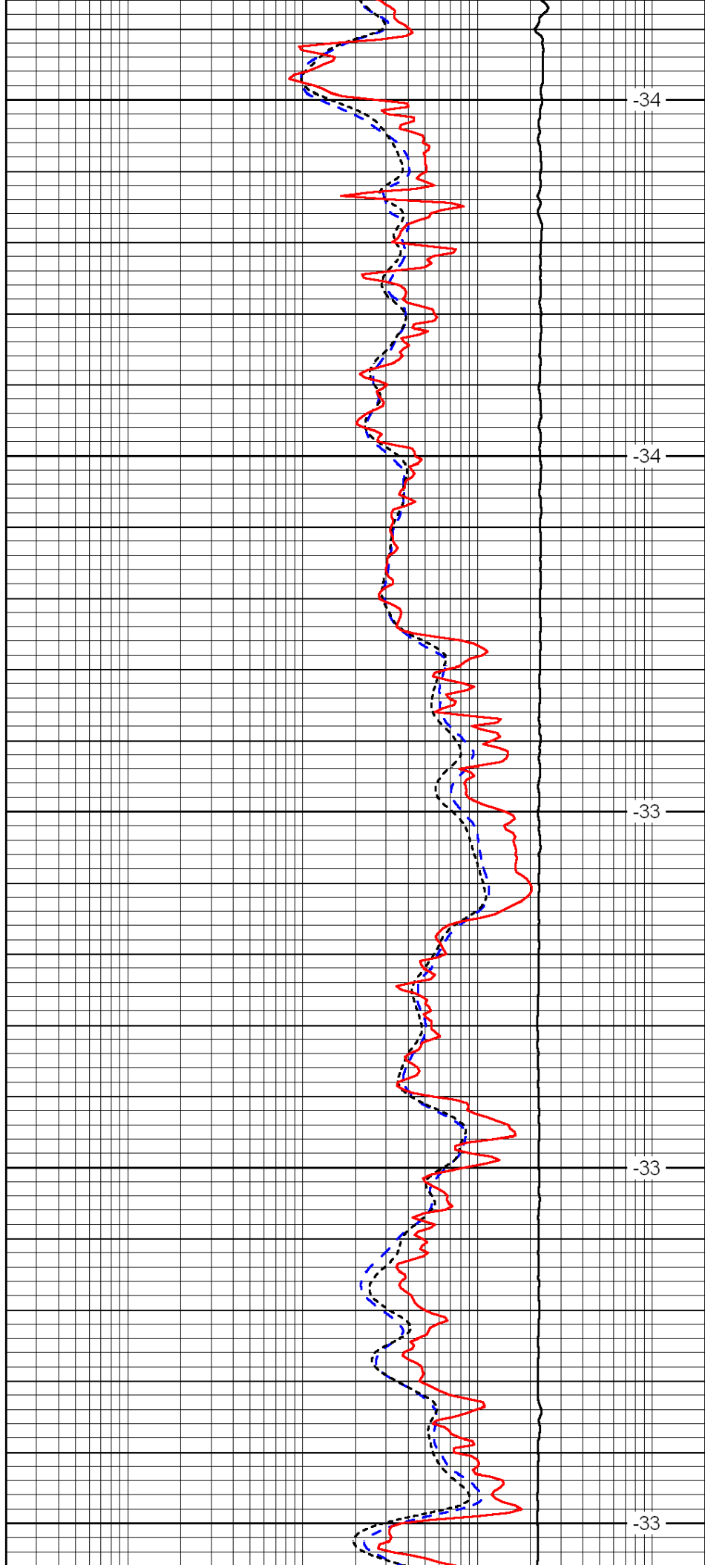
5850

5900

5950

6000

6050



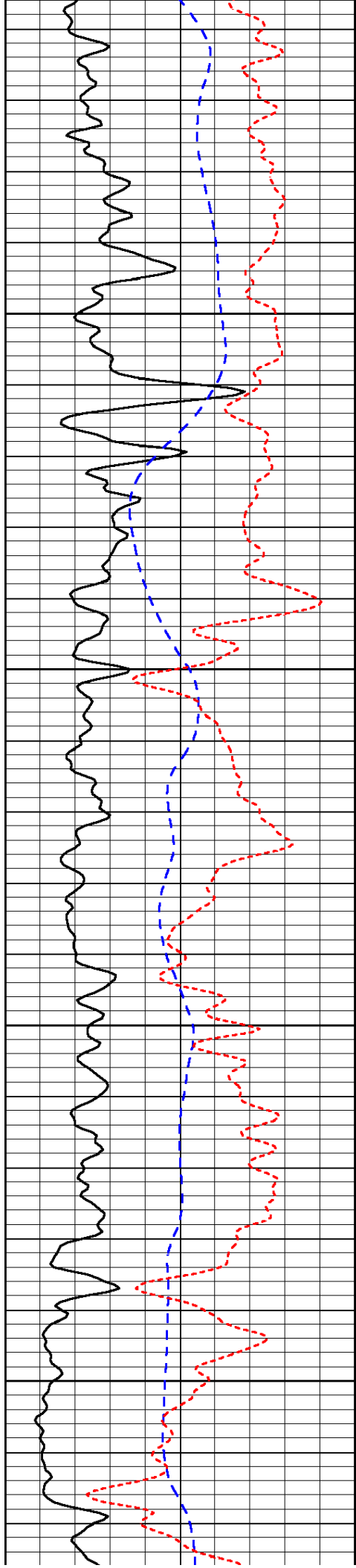
-34

-34

-33

-33

-33

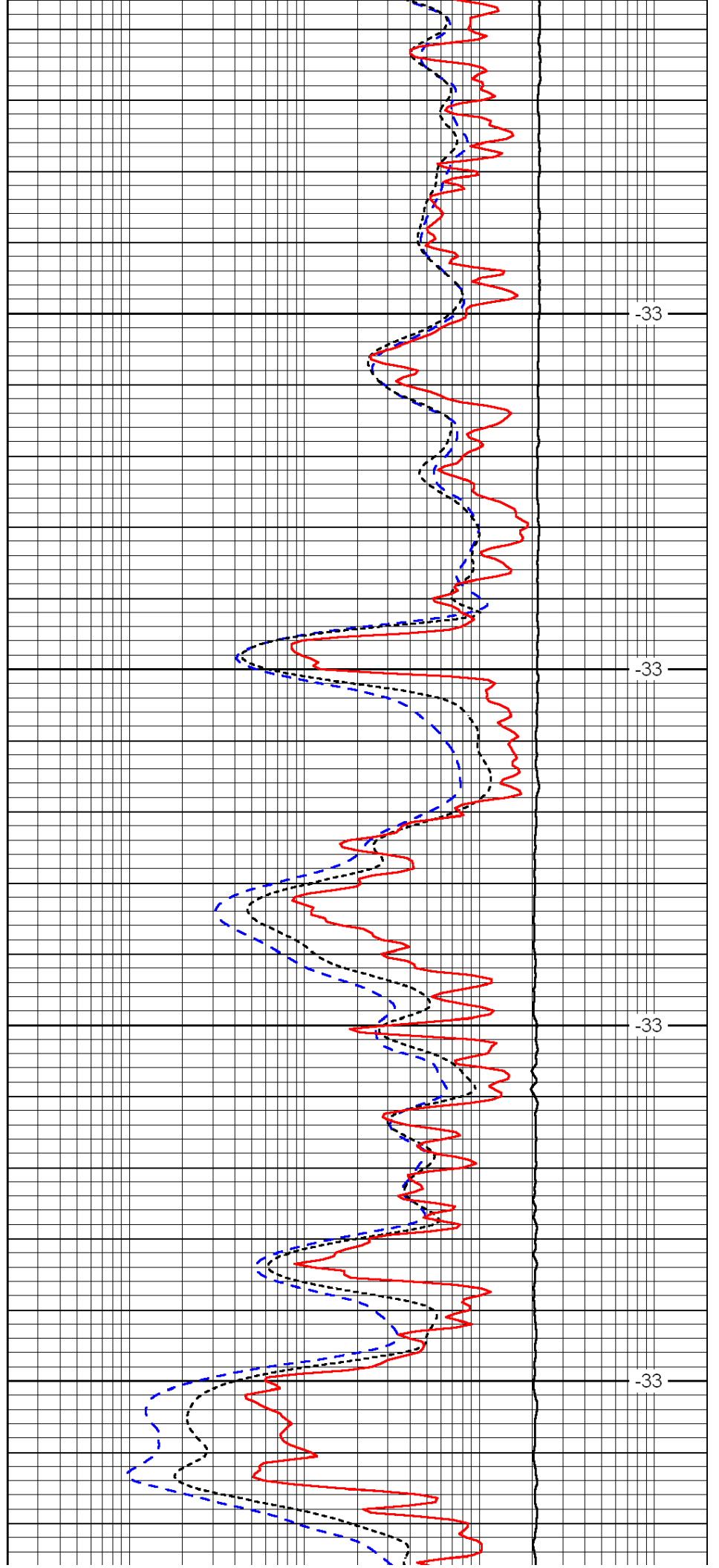


6100

6150

6200

6250

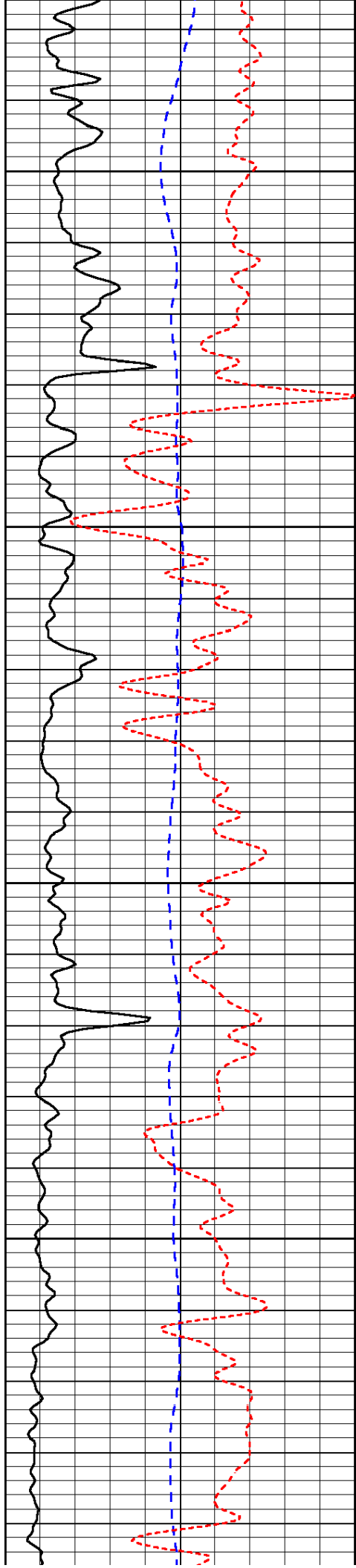


-33

-33

-33

-33

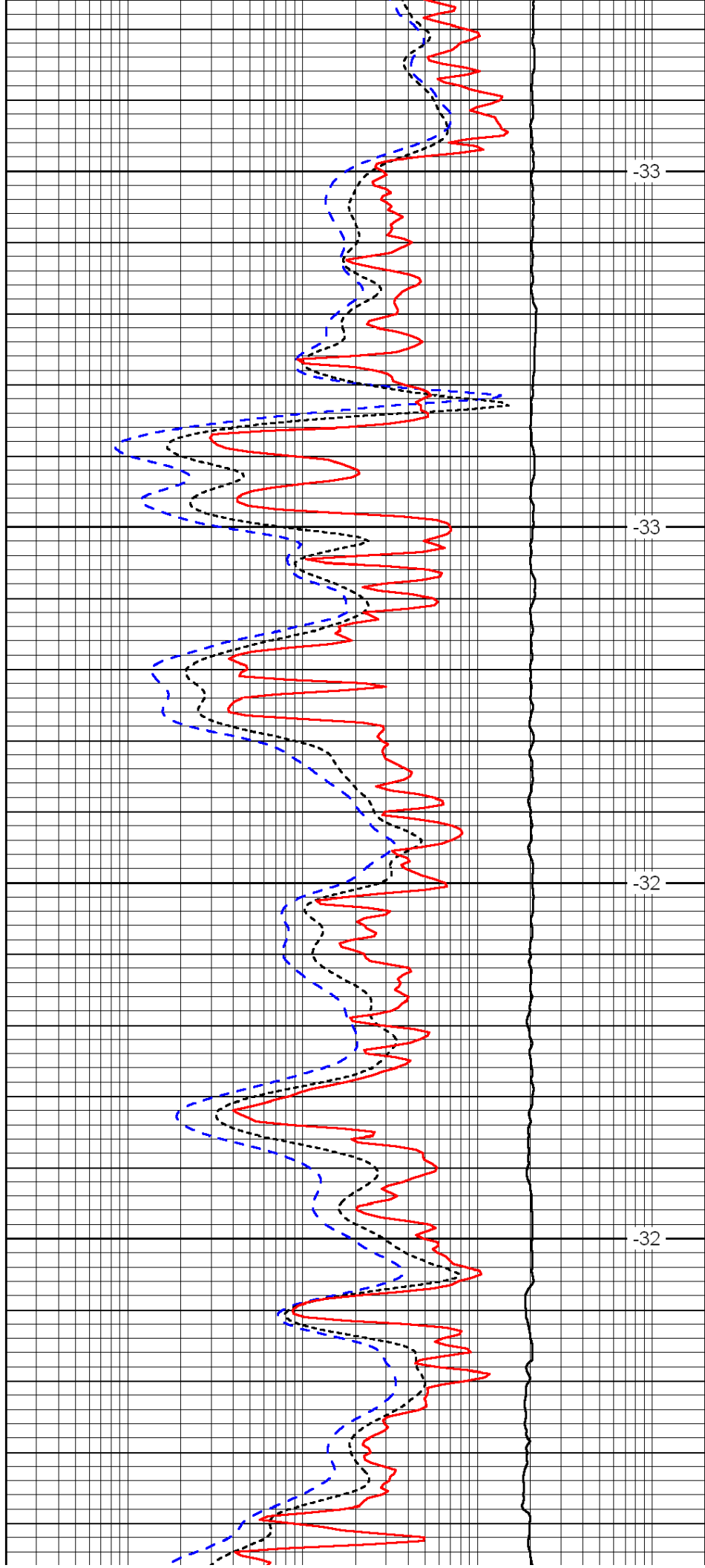


6300

6350

6400

6450

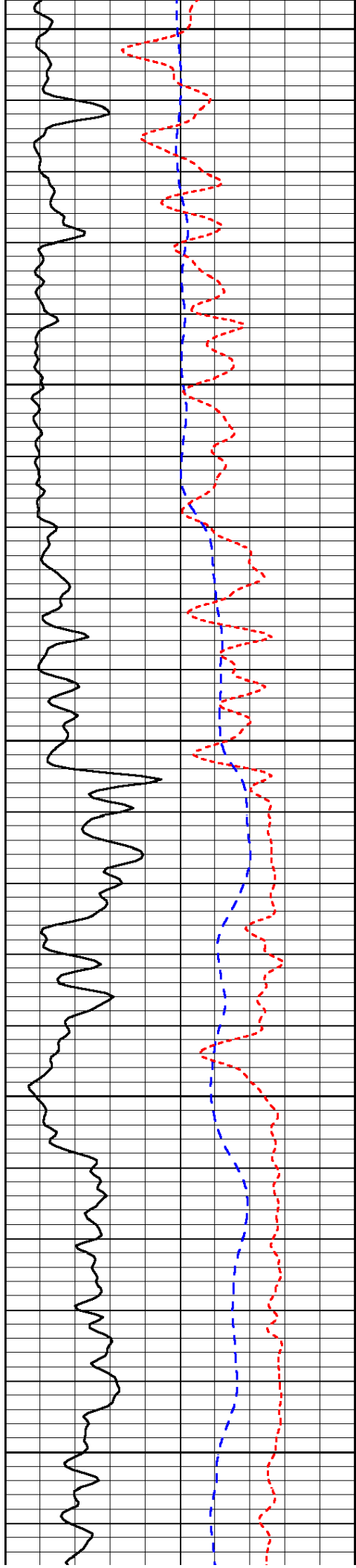


-33

-33

-32

-32



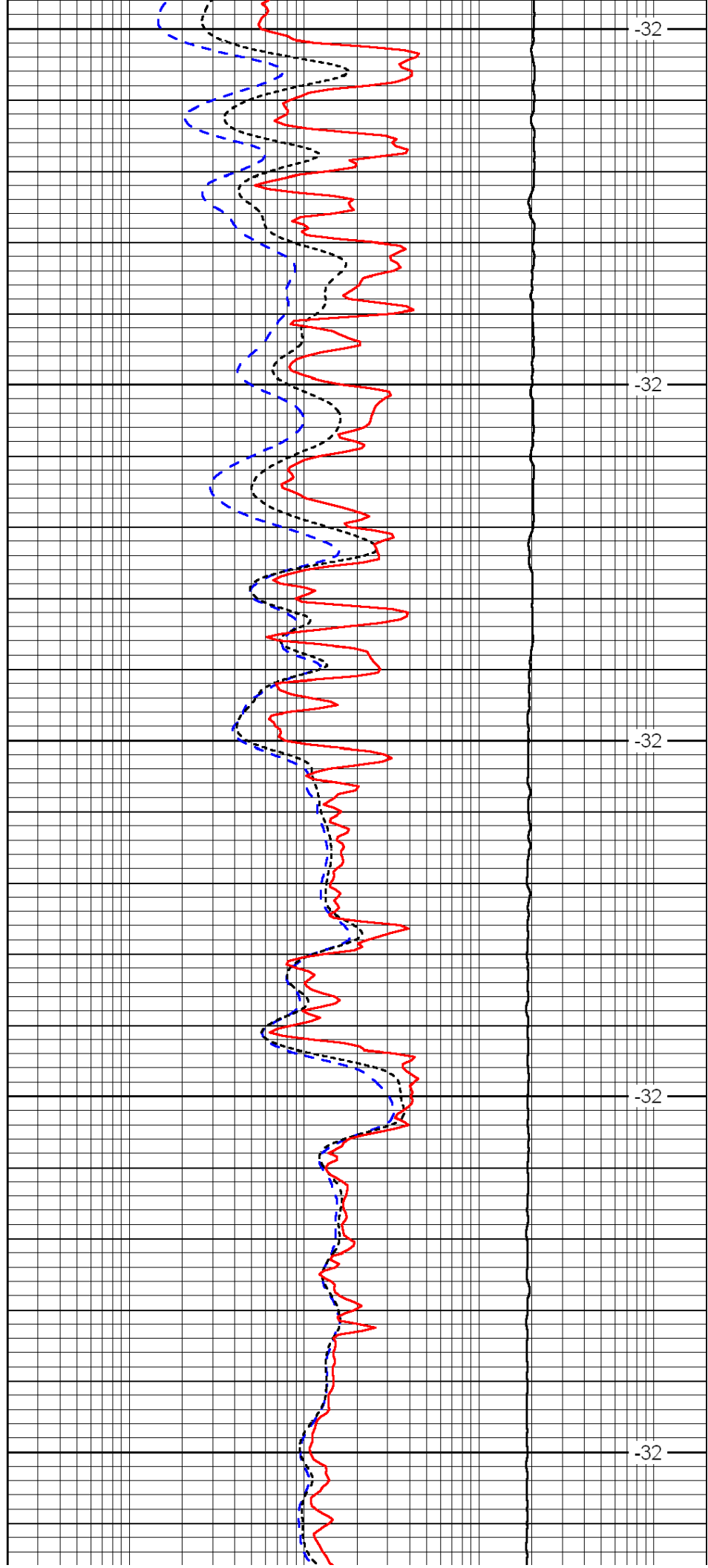
6500

6550

6600

6650

6700



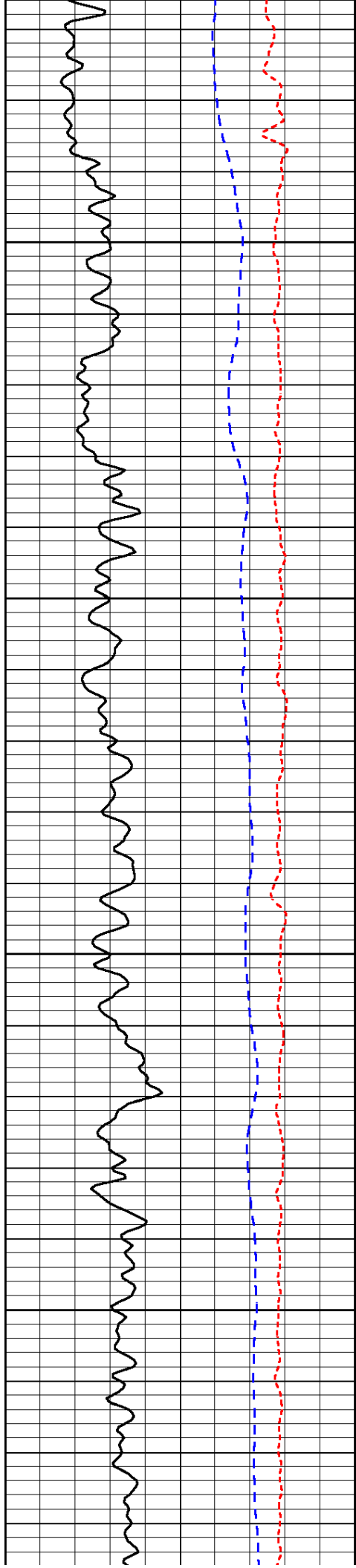
-32

-32

-32

-32

-32

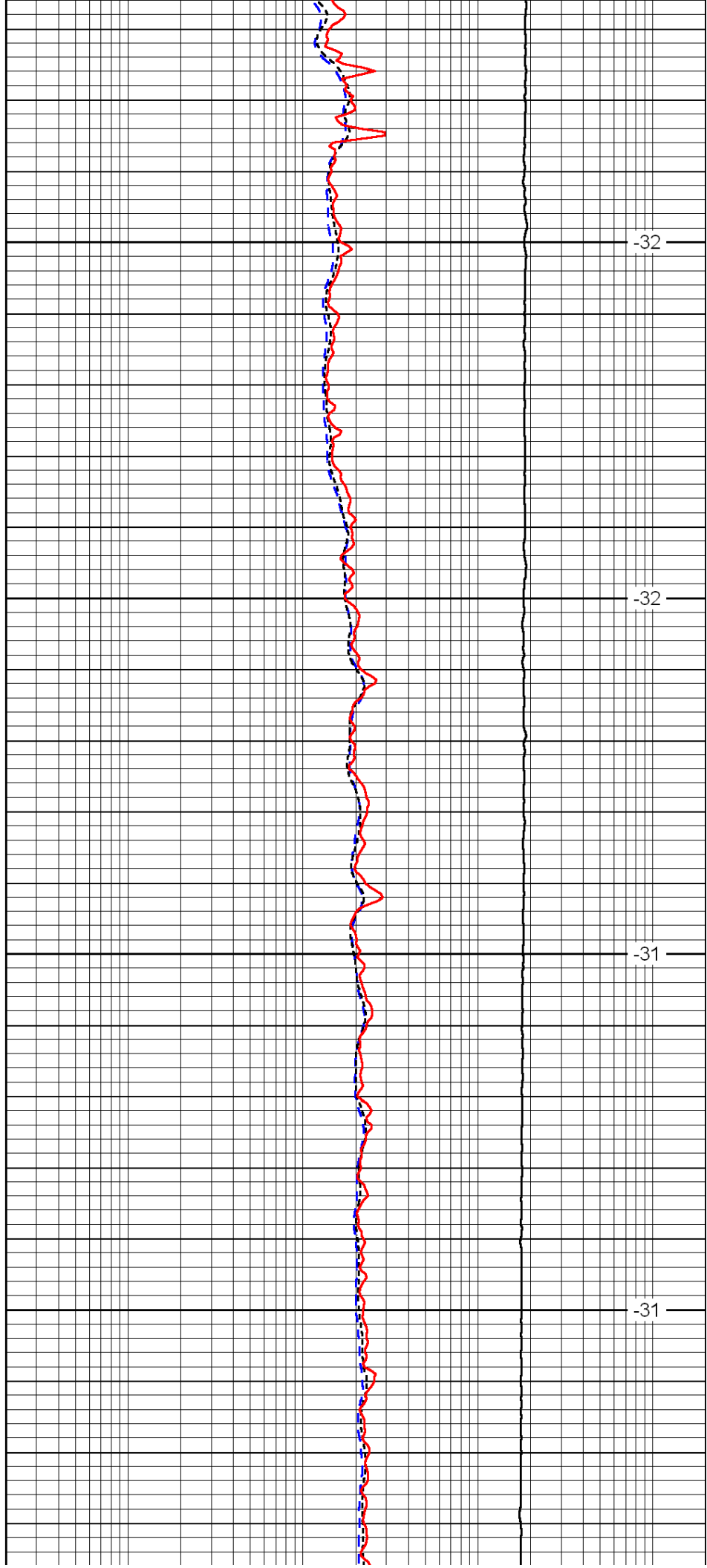


6750

6800

6850

6900

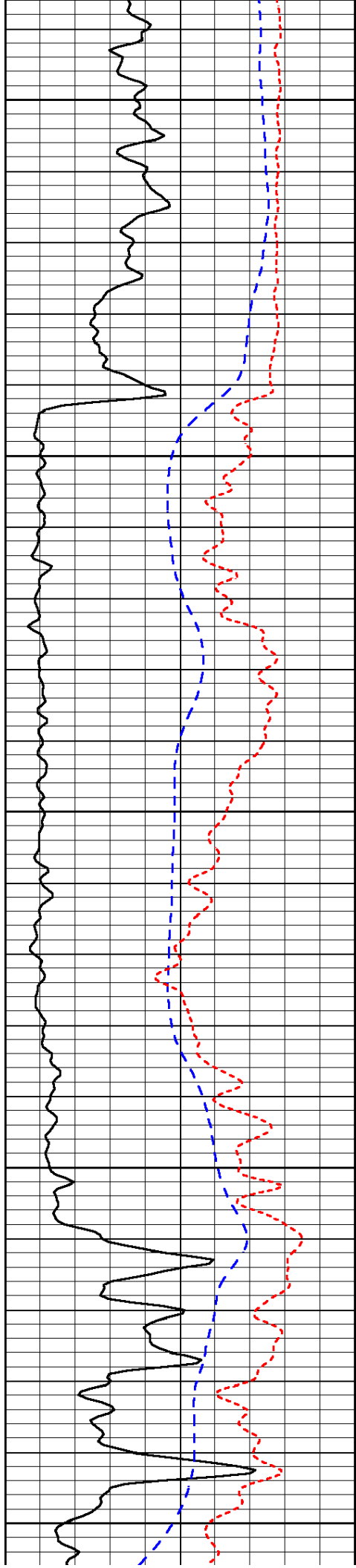


-32

-32

-31

-31



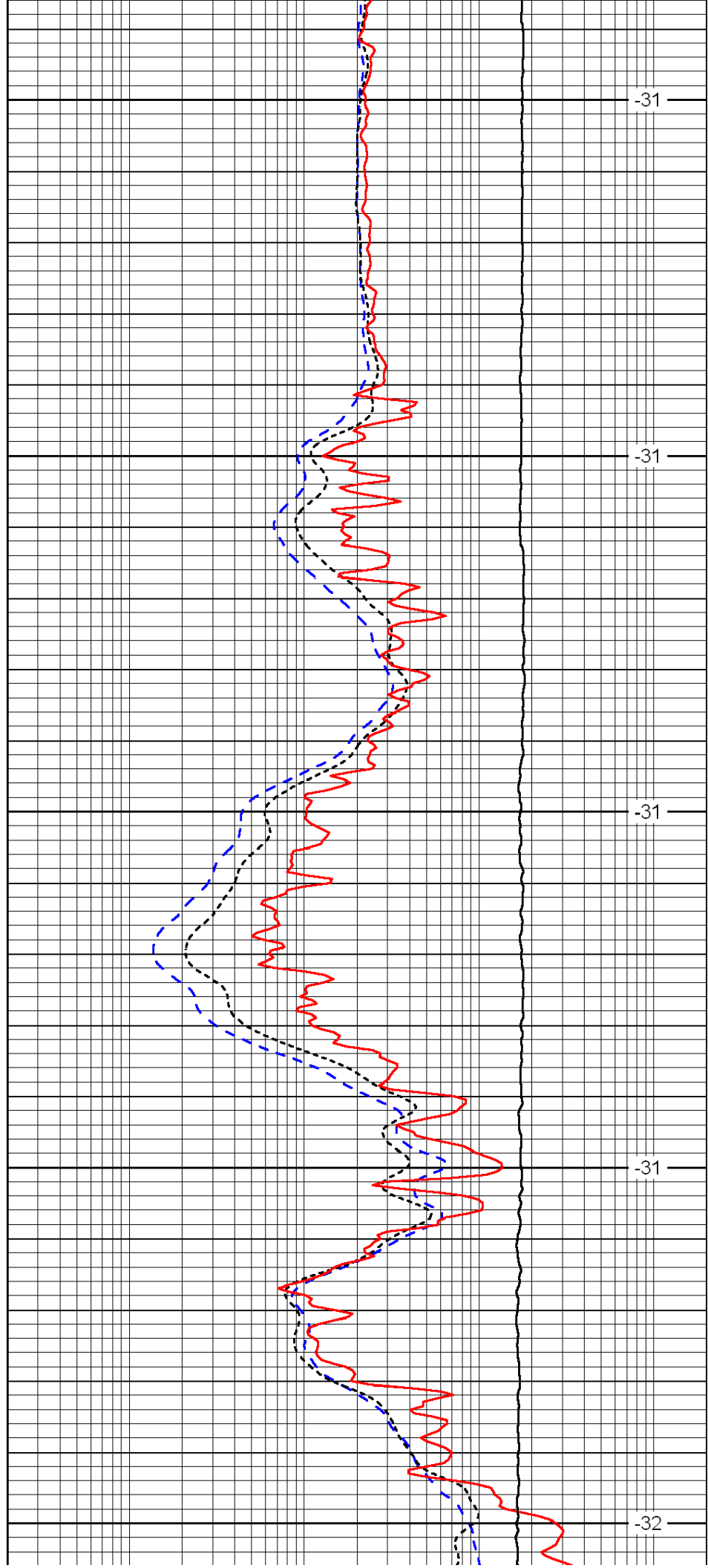
6950

7000

7050

7100

7150



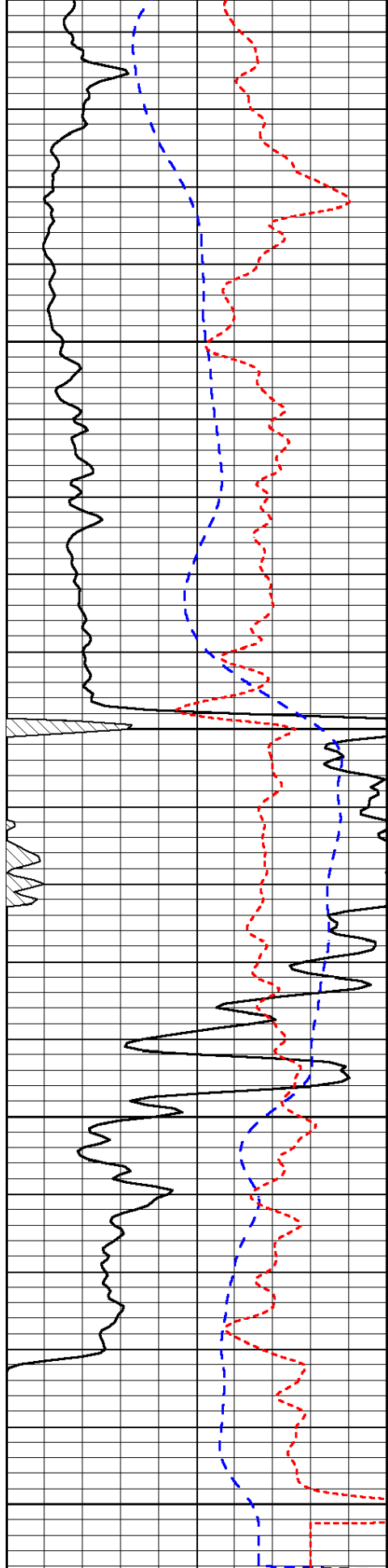
-31

-31

-31

-31

-32



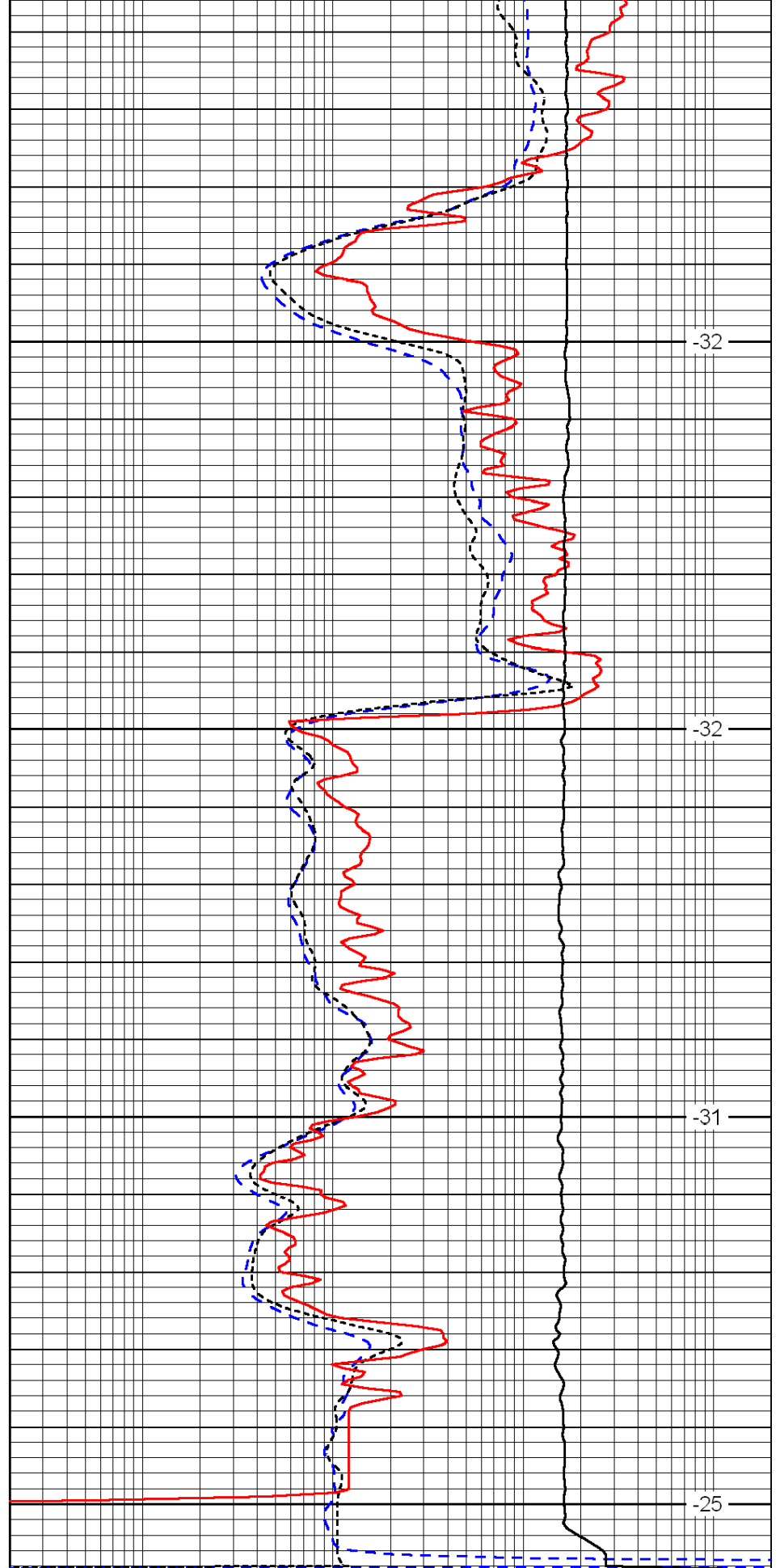
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

7200

7250

7300

7350



-32

-32

-31

-25

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

