



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.		Company		Murfins Drilling Company, Inc.	
15-109-20,954-00-00		Well		Schertz No. 1-13	
		Field		Wildcat	
		County		Logan State Kansas	
Location		SE SE NE NE 1,100' FNL & 500' FEL		Other Services CNL/CDL MEL/BHCS	
Sec: 13		Twp: 12S		Rge: 35W	
Permanent Datum		Ground Level		Elevation 3195	
Log Measured From		Kelly Bushing		9 Ft. Above Perm. Datum	
Drilling Measured From		Kelly Bushing		K.B. 3206 D.F. 3195 G.L. 3195	
Date	11/15/2010				
Run Number	One				
Depth Driller	4835				
Depth Logger	4836				
Bottom Logged Interval	4835				
Top Log Interval	00				
Casing Driller	8.625 @ 258				
Casing Logger	254				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	7600				
Density / Viscosity	9.5 47				
pH / Fluid Loss	7.2 11.5				
Source of Sample	Flowline				
Rm @ Meas. Temp	.46 @ 56				
Rmf @ Meas. Temp	.35 @ 56				
Rmc @ Meas. Temp	.62 @ 56				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.21 @ 124				
Operating Rig Time	5 Hours				
Max Rec. Temp. F	124				
Equipment Number	10				
Location	Hays				
Recorded By	J. Long				
Witnessed By	Tom Funk				

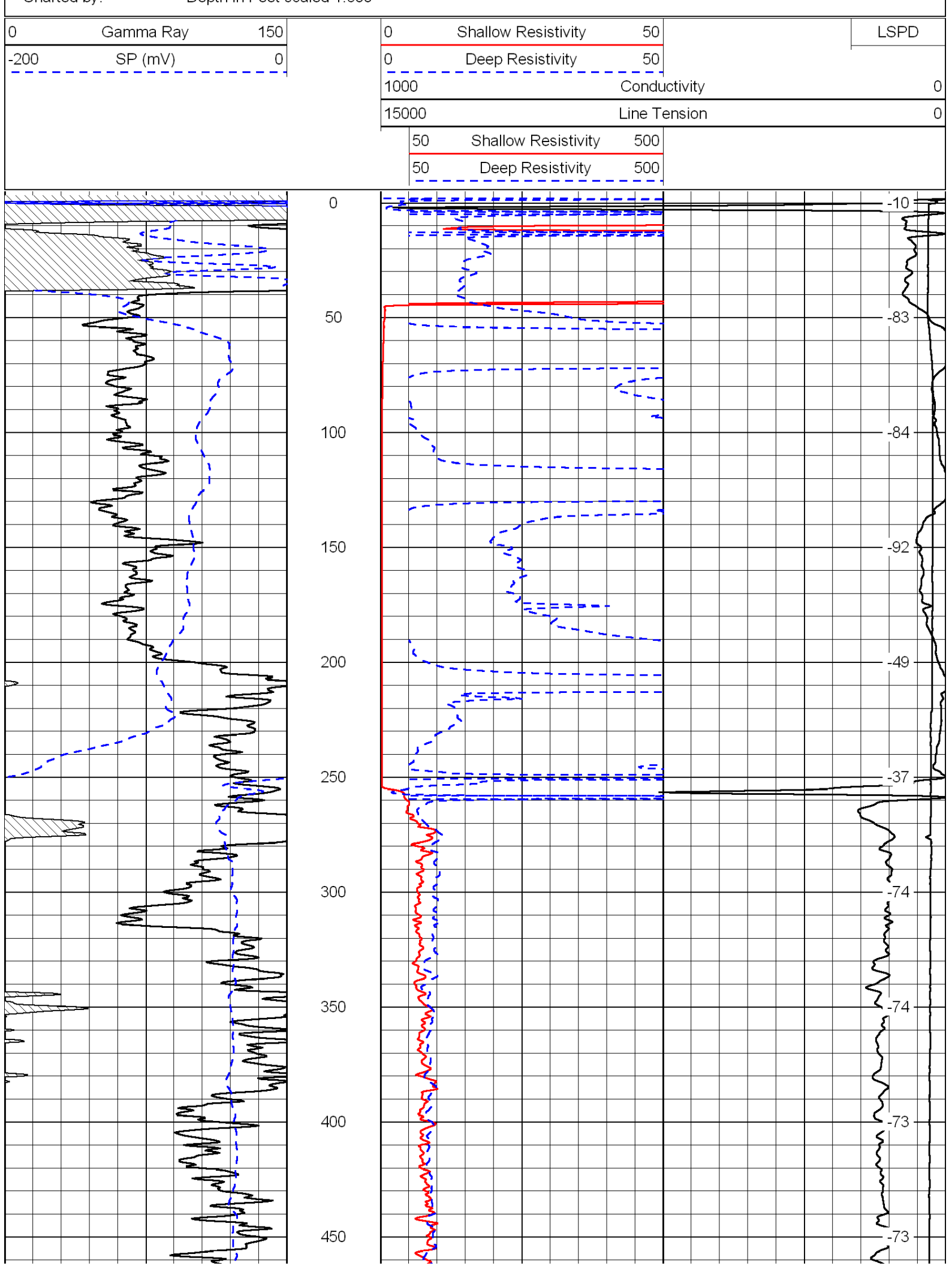
<<< Fold Here >>>

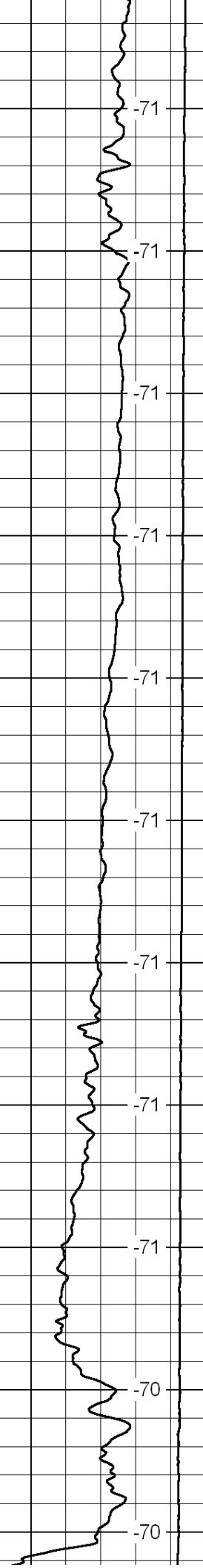
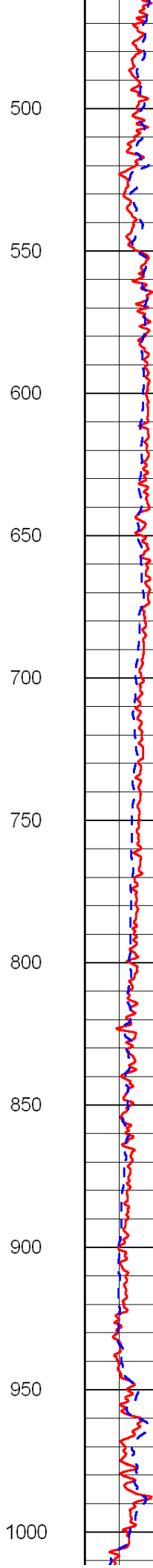
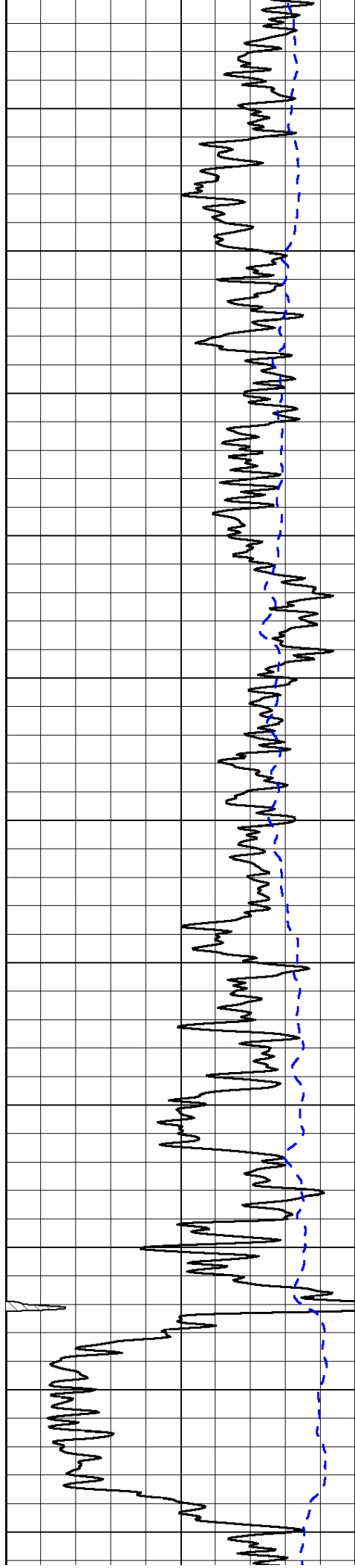
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

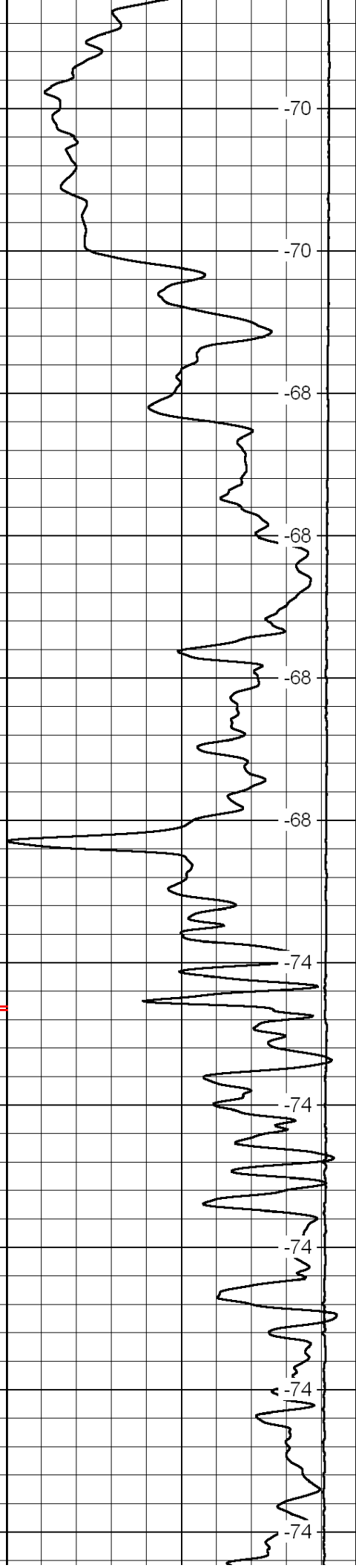
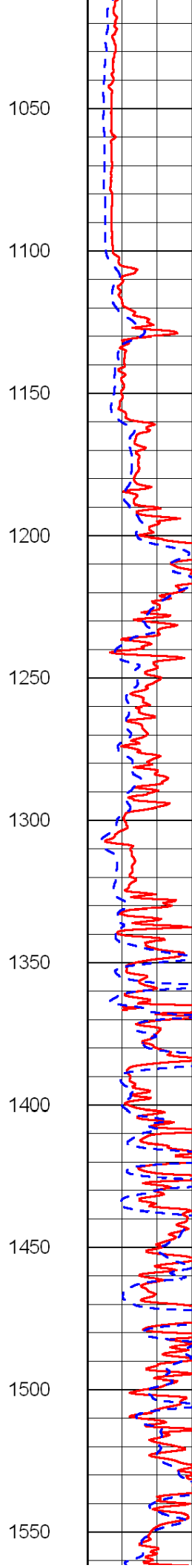
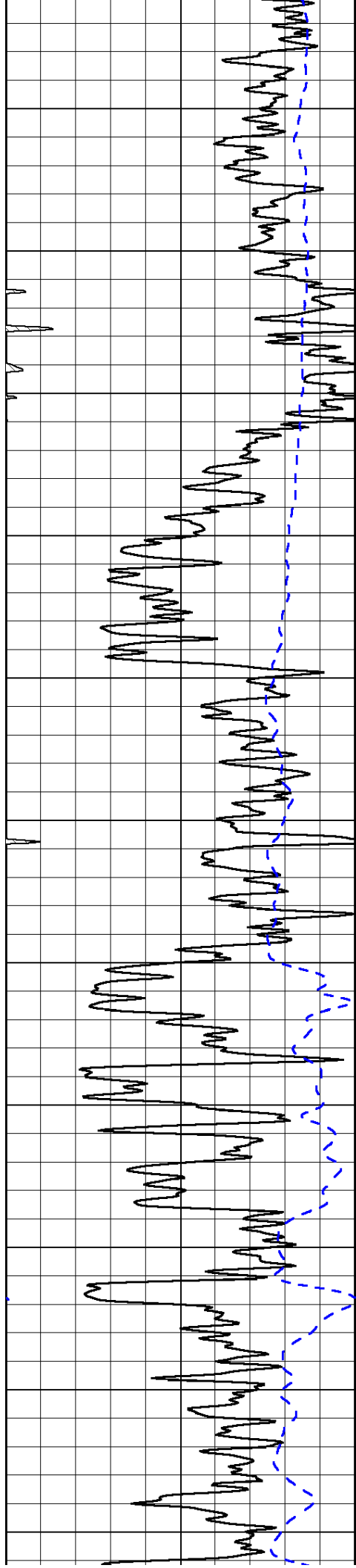
Comments

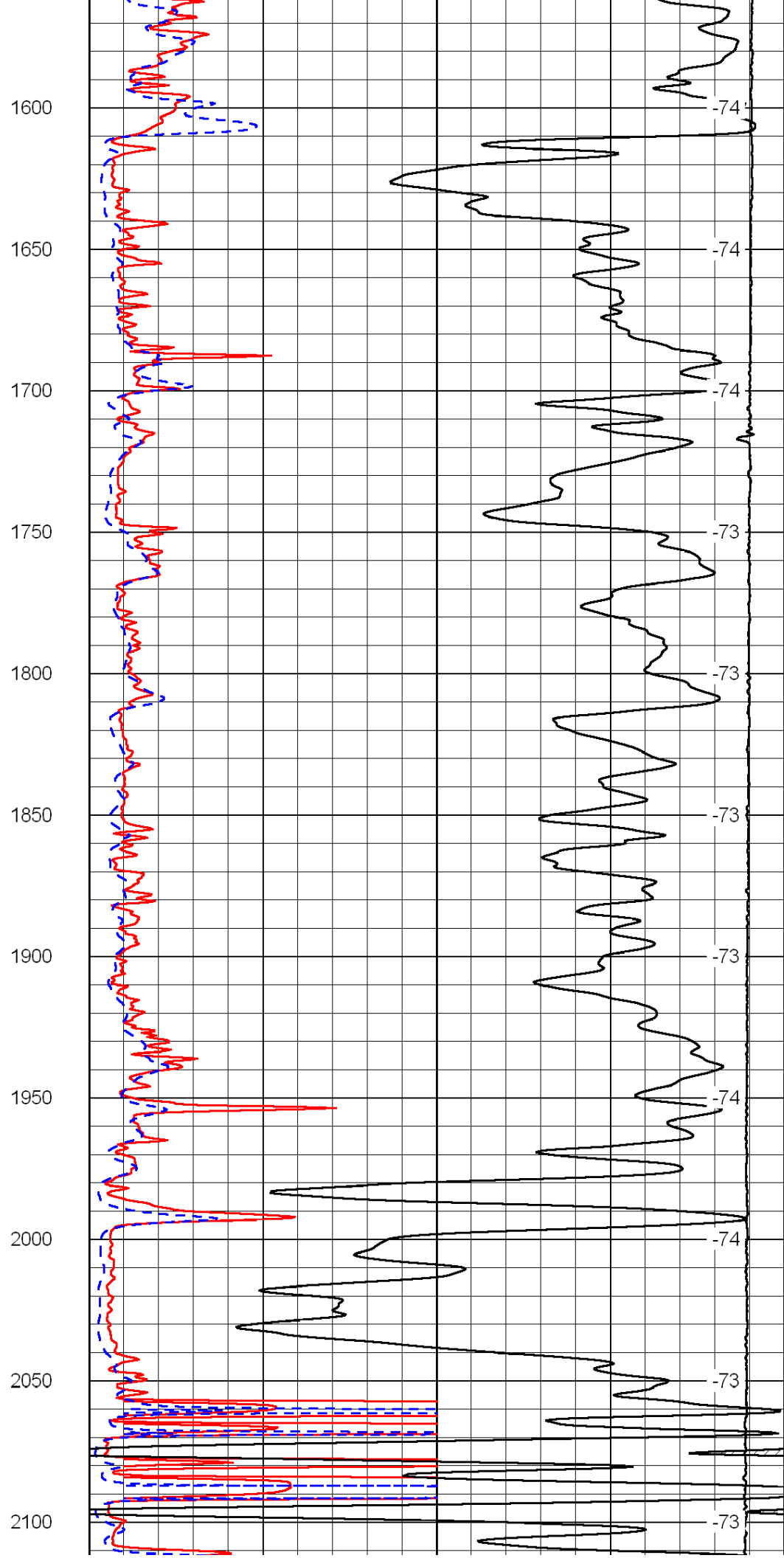
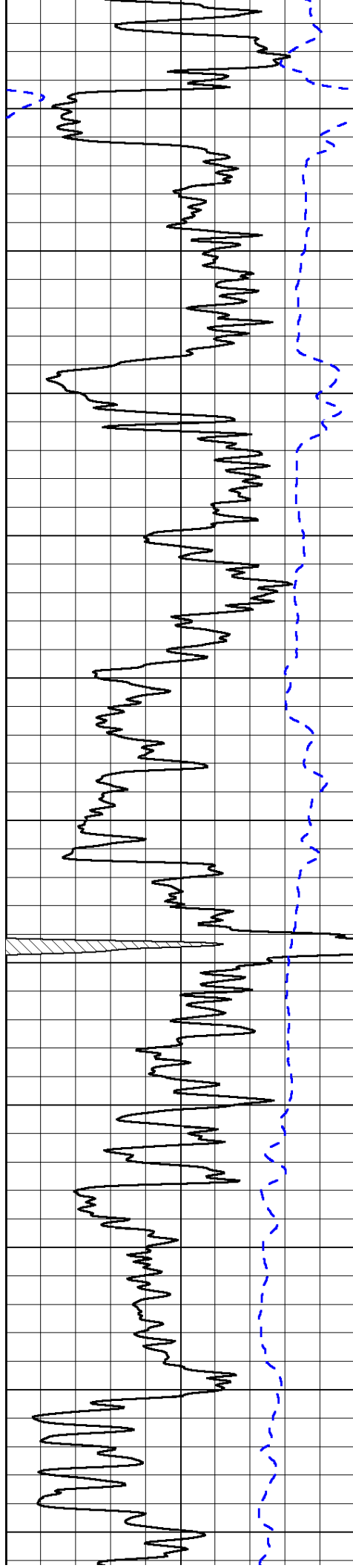
Thank you for using Log-Tech, Inc.
(785) 625-3858

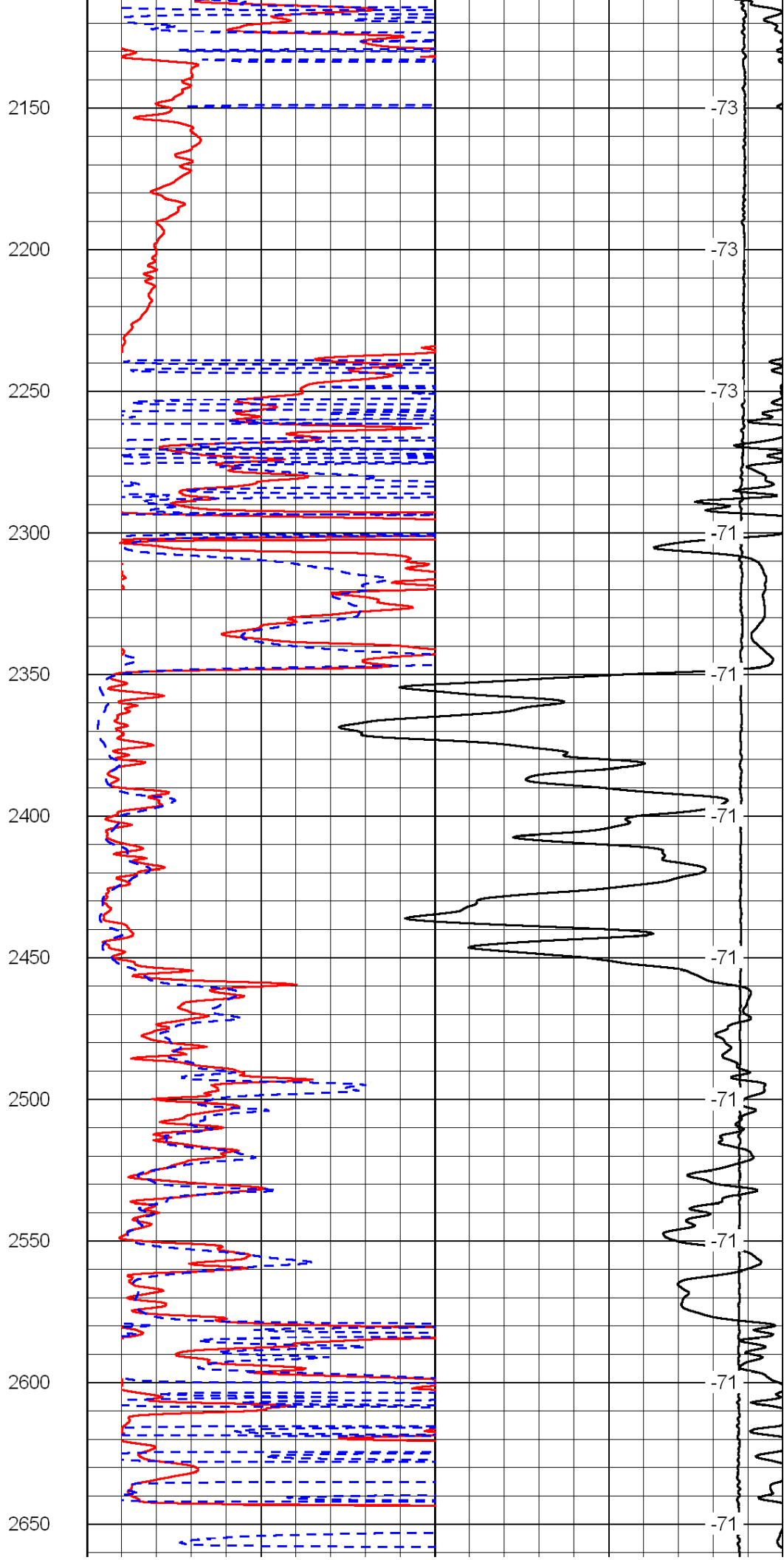
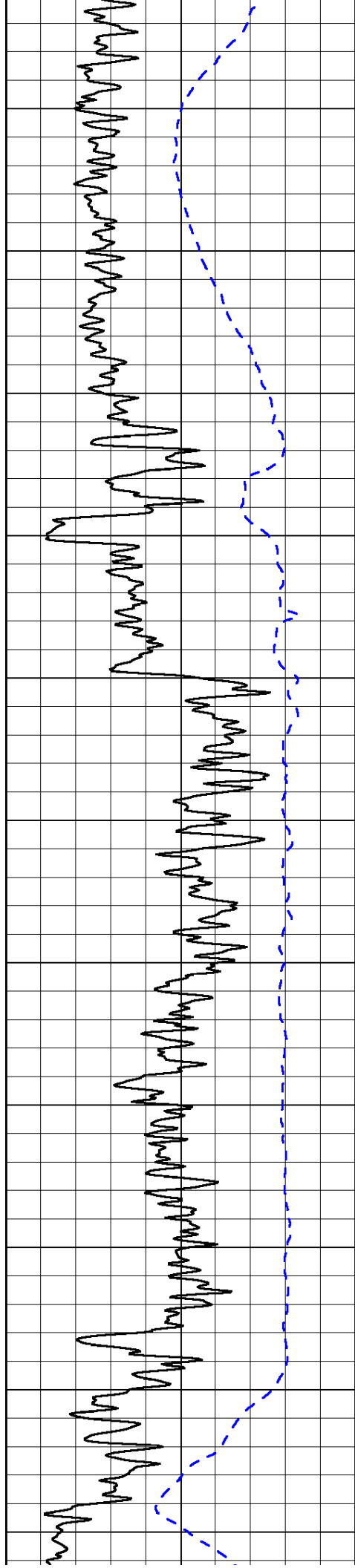
Page City, 5 South on 280th Road, West Into

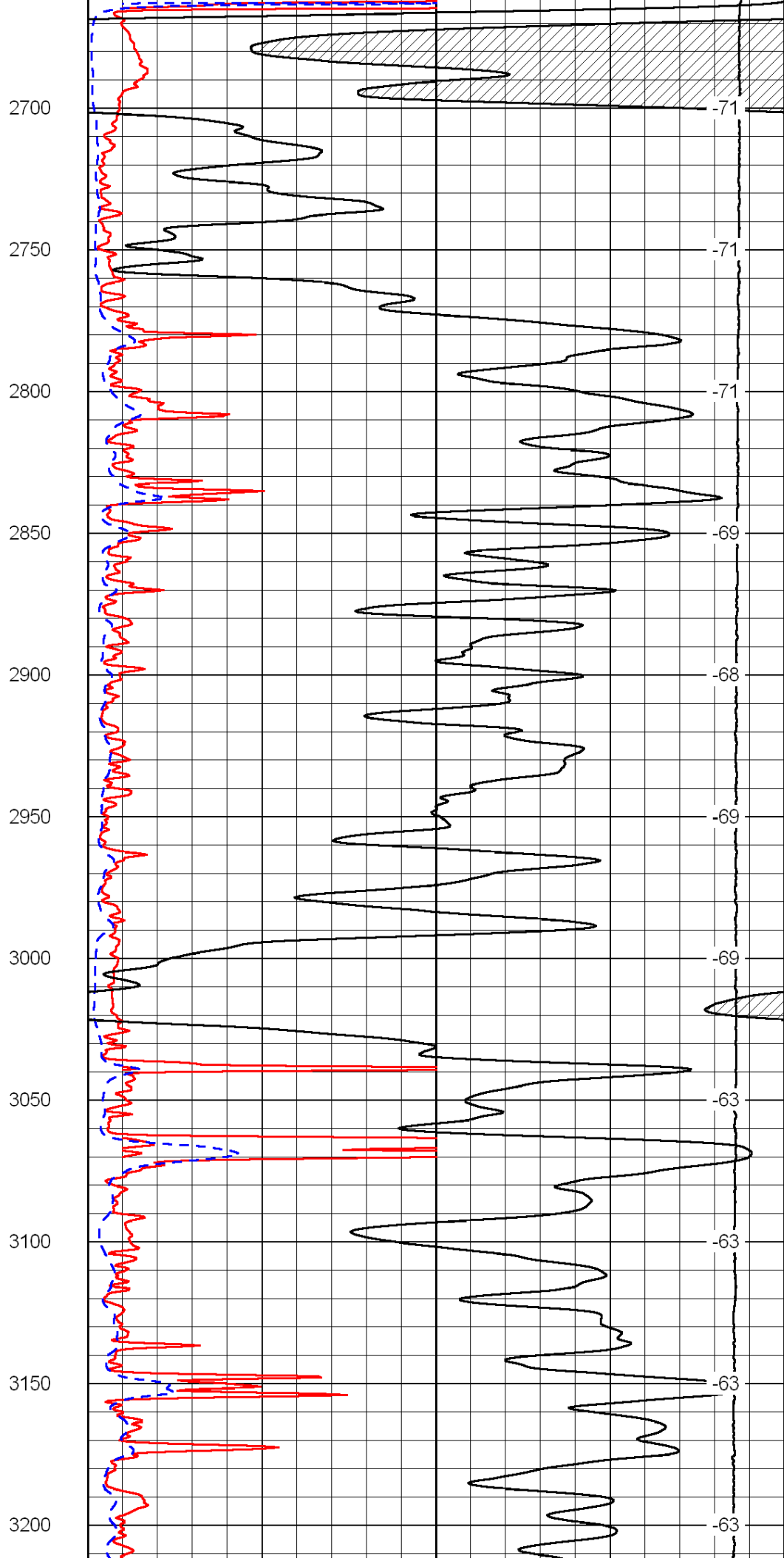
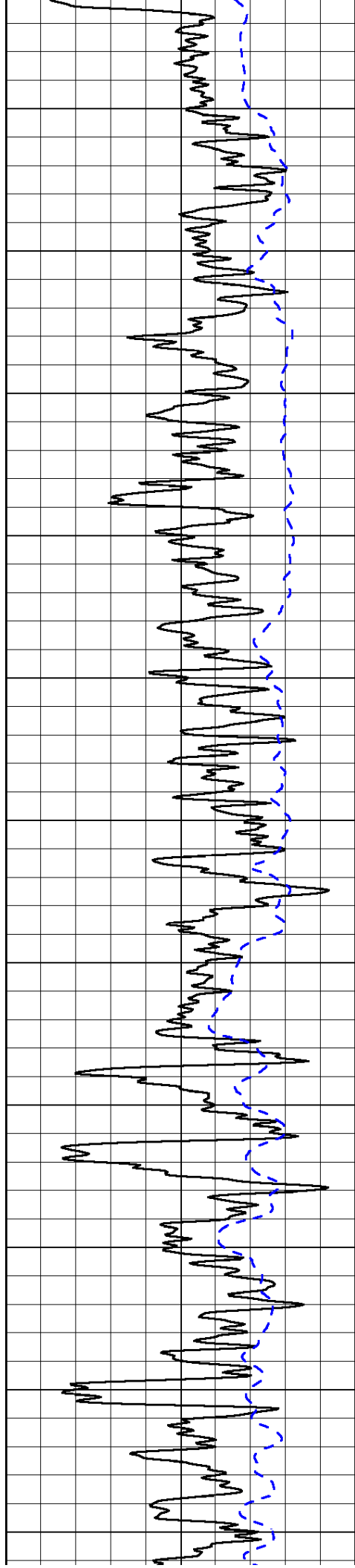


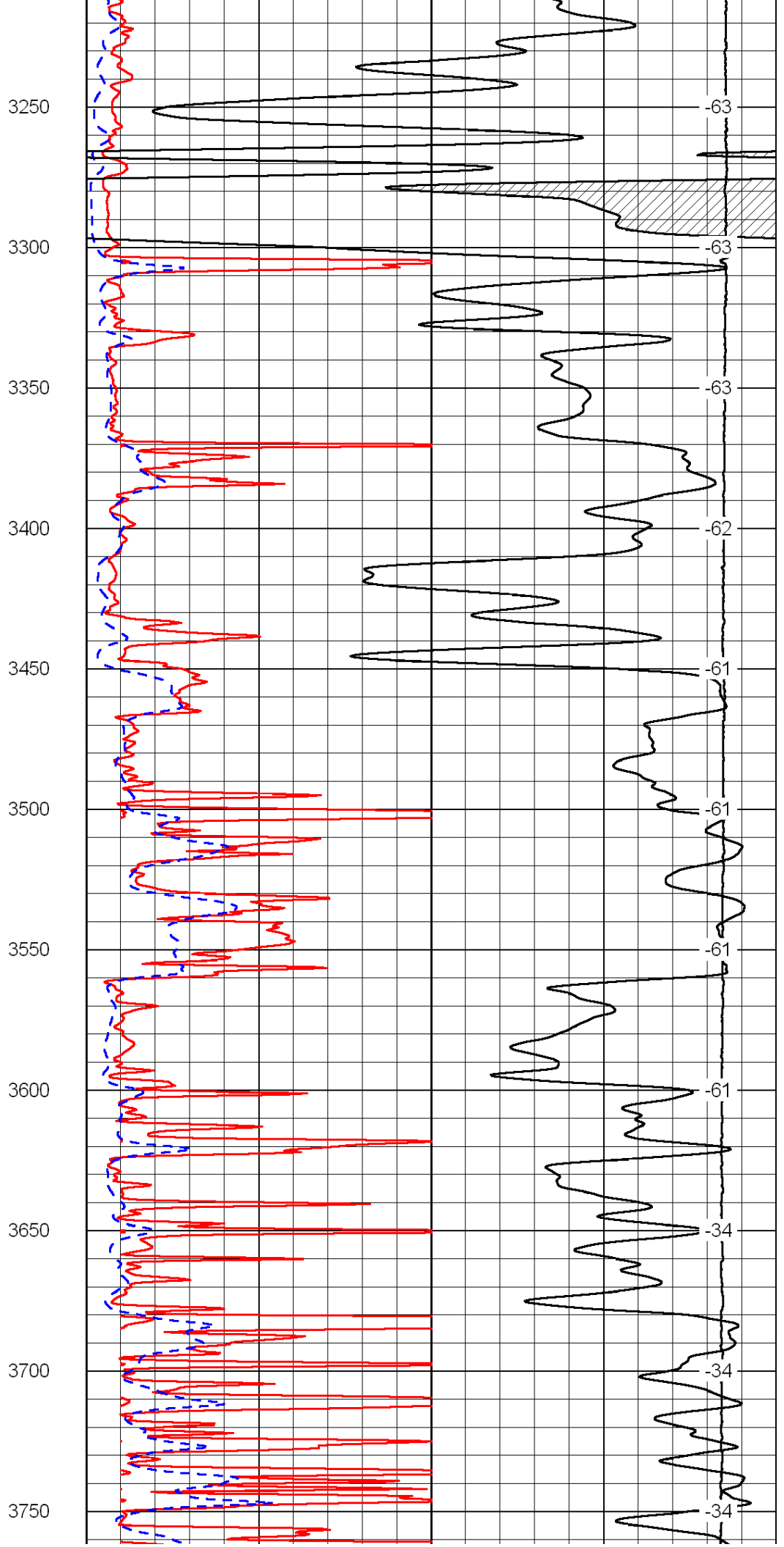
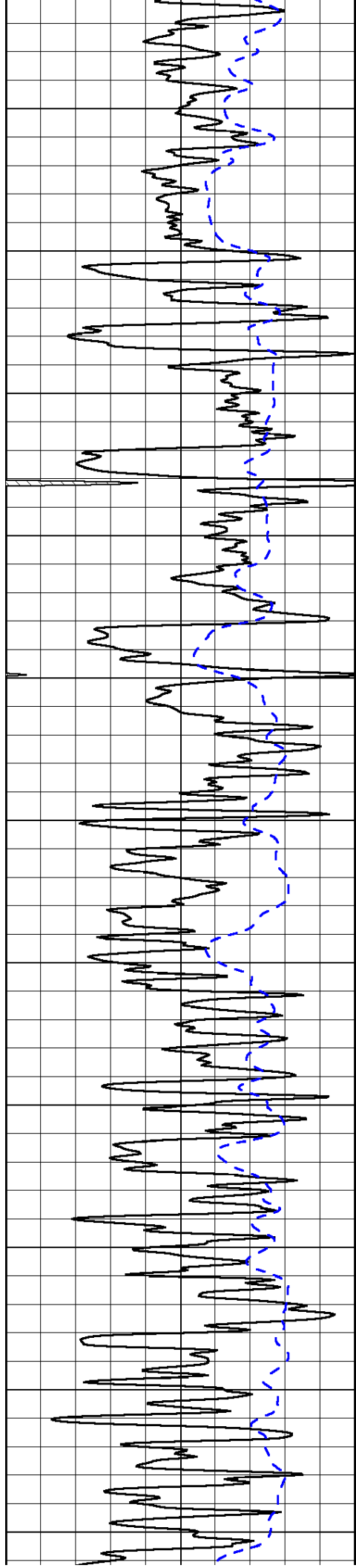


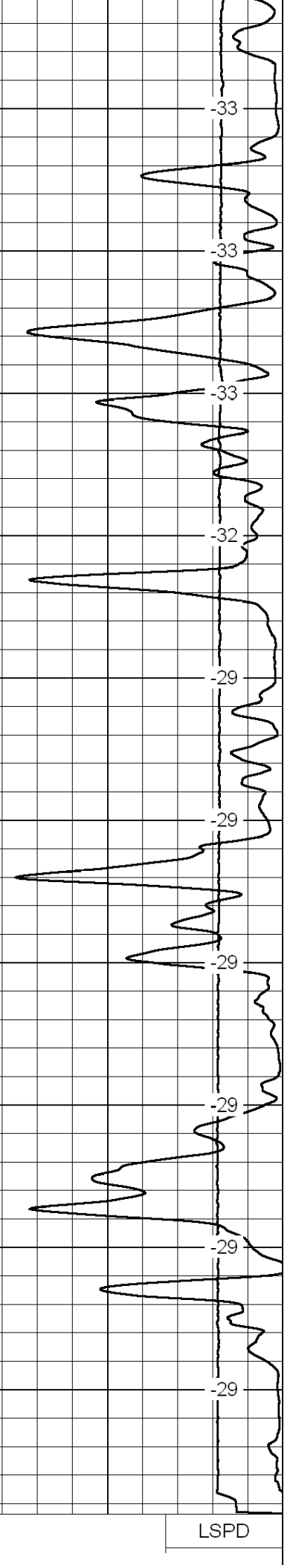
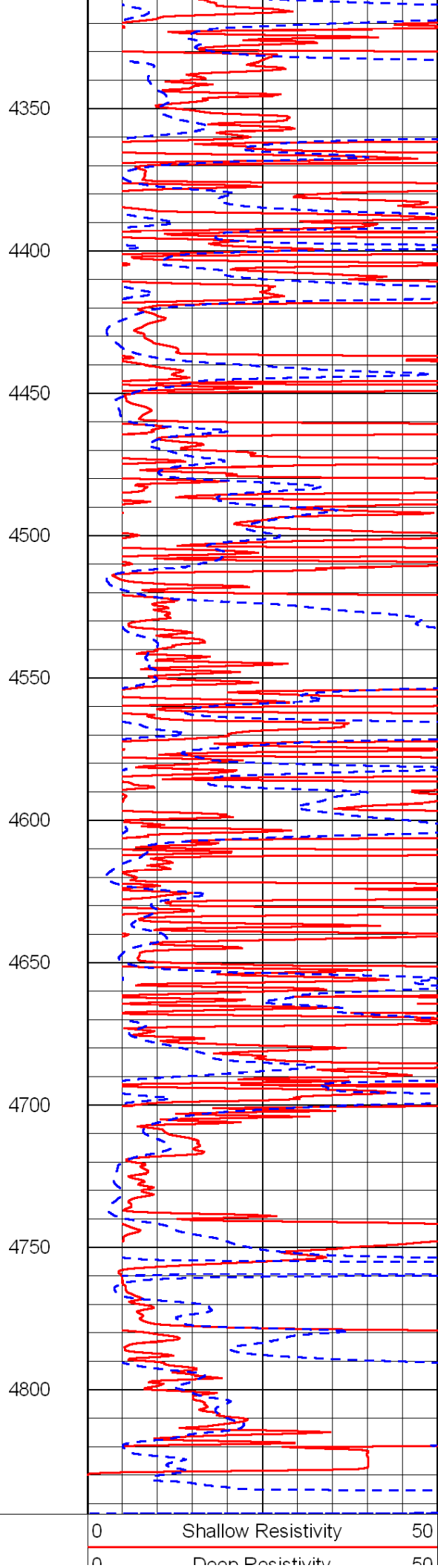
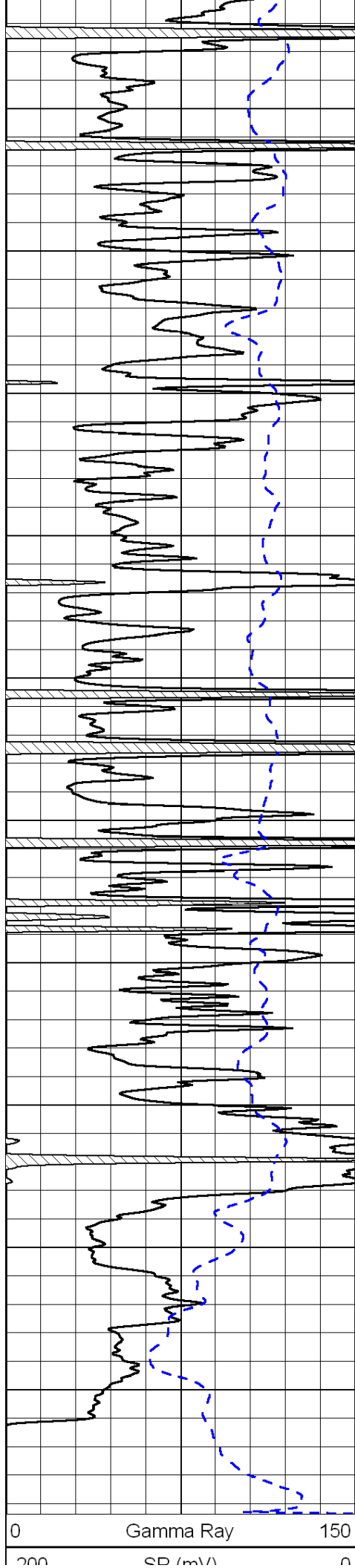












200	SP (mV)	0
-200	SP (mV)	0
-160	Rxo / Rt	40

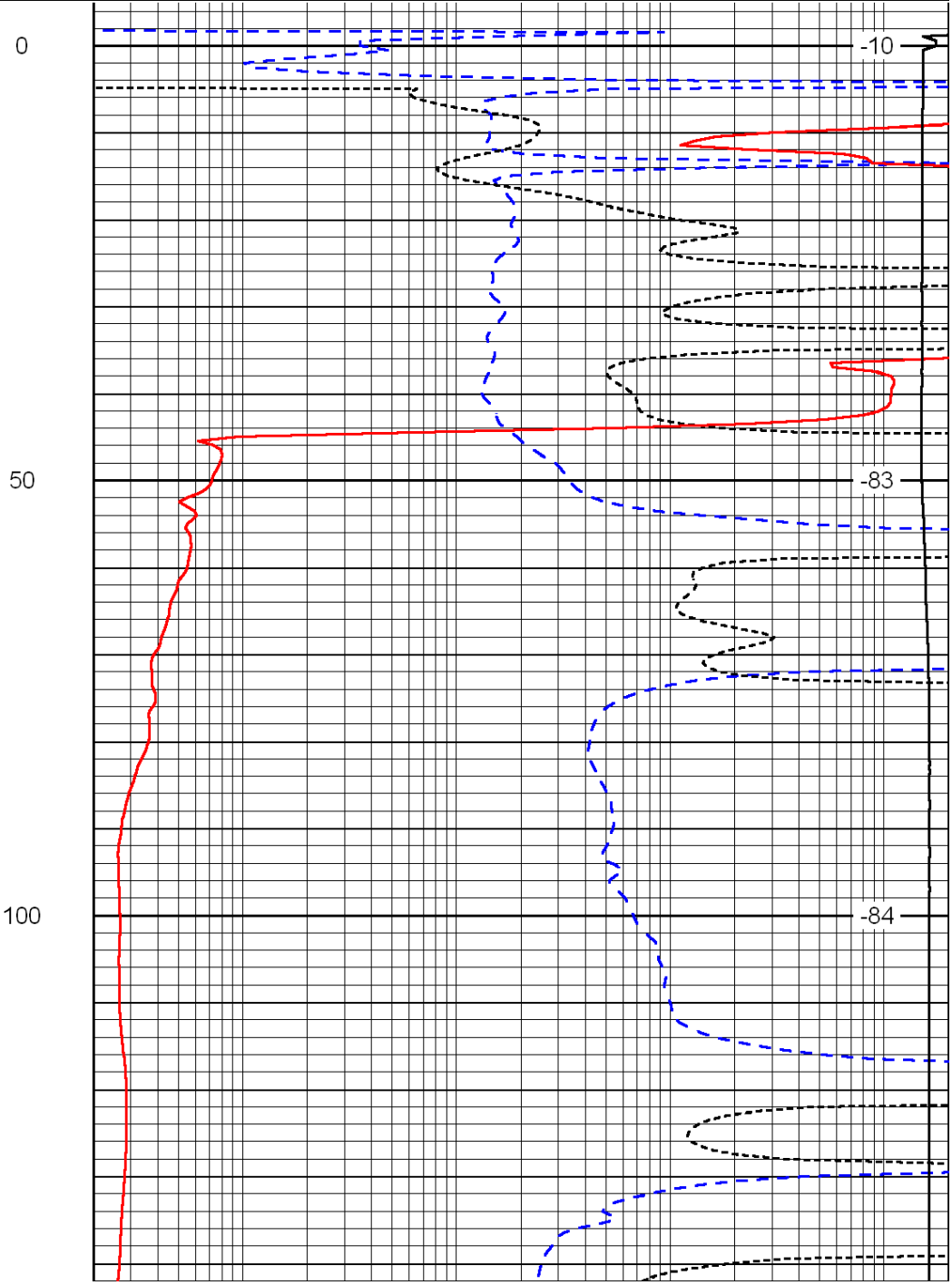
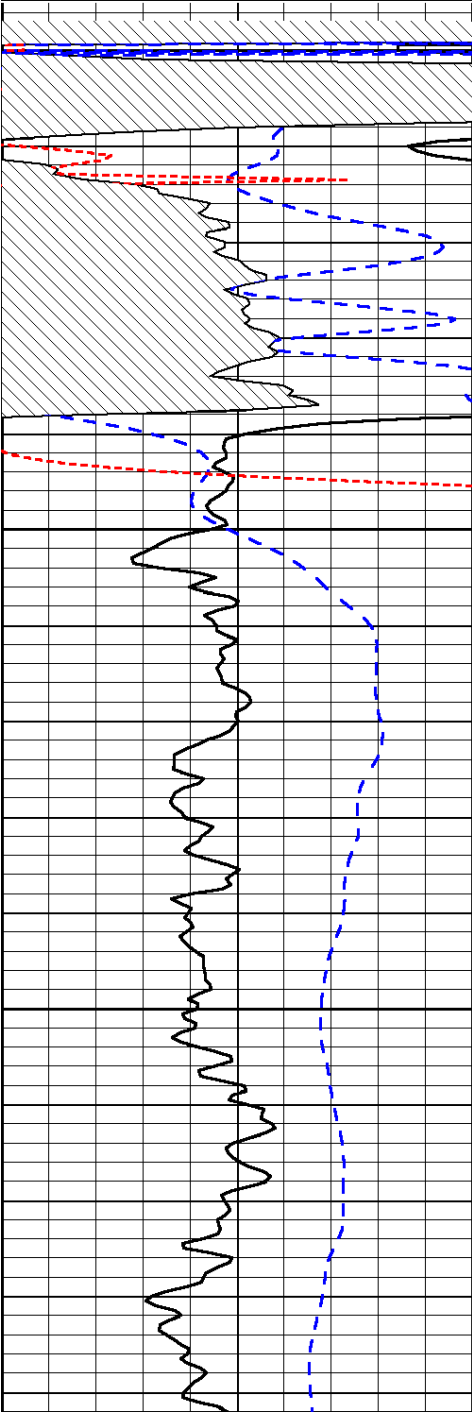
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

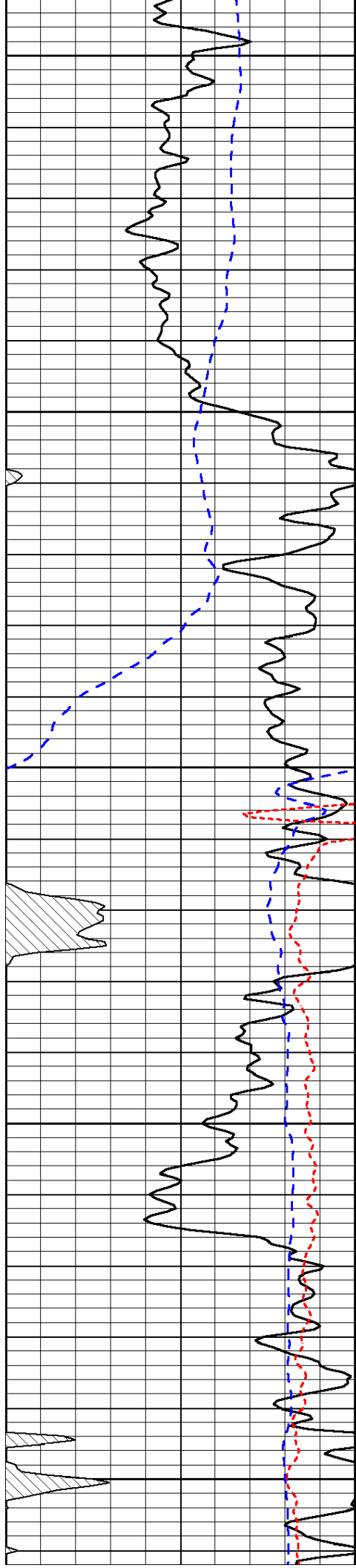
Database File:	c:\warrior\data\murfin_schertz #1-13\murfin.db
Dataset Pathname:	dil/murfstck
Presentation Format:	dil
Dataset Creation:	Mon Nov 15 11:40:57 2010
Charted by:	Depth in Feet scaled 1:240

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

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

LSPD





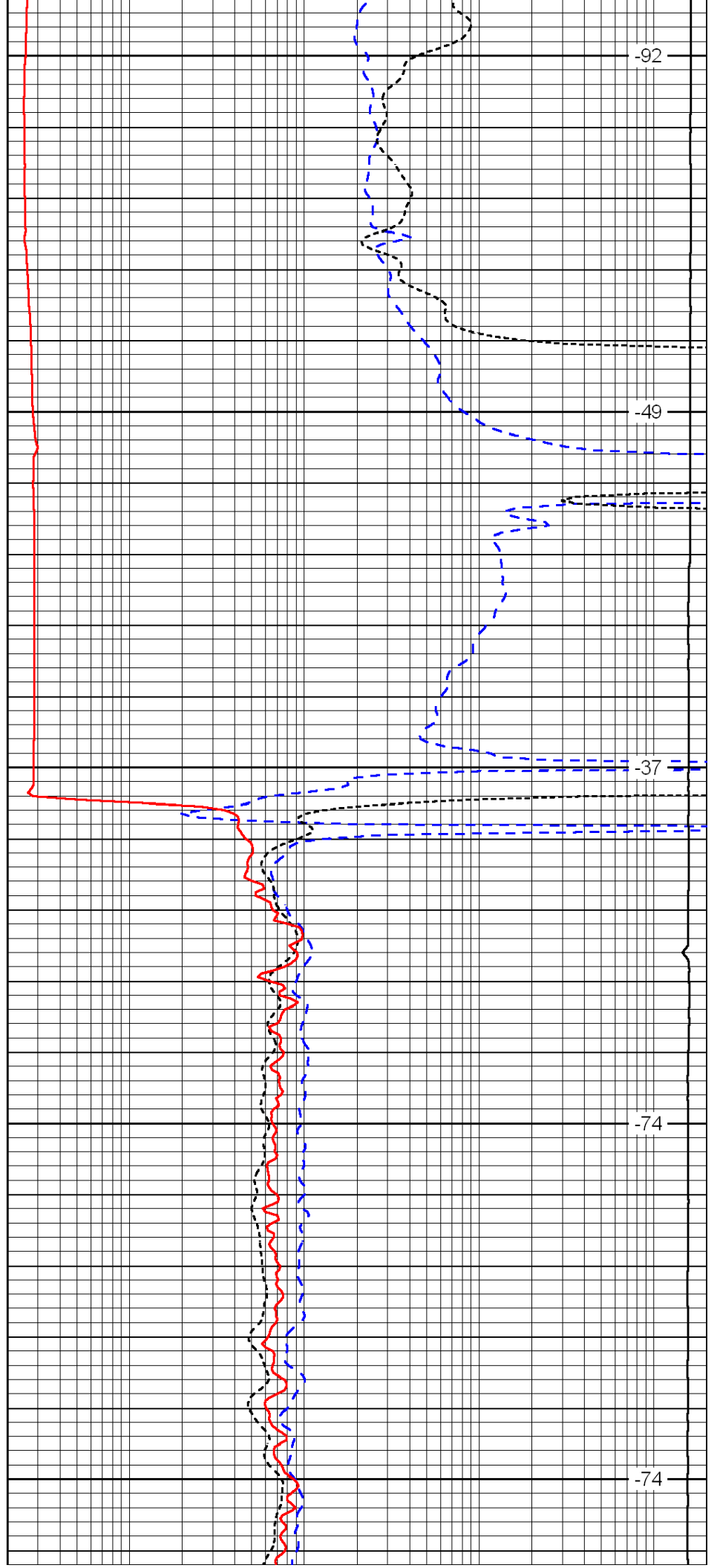
150

200

250

300

350



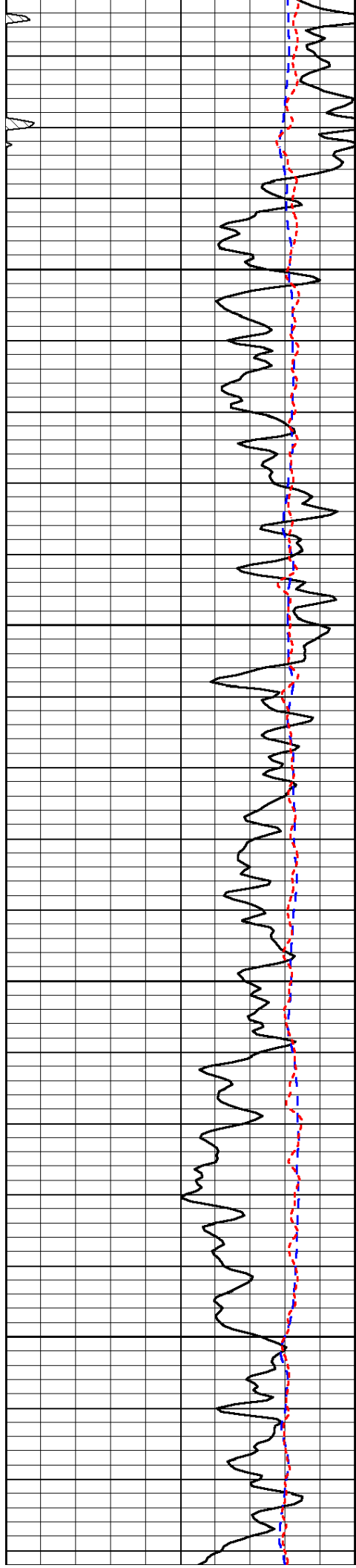
-92

-49

-37

-74

-74

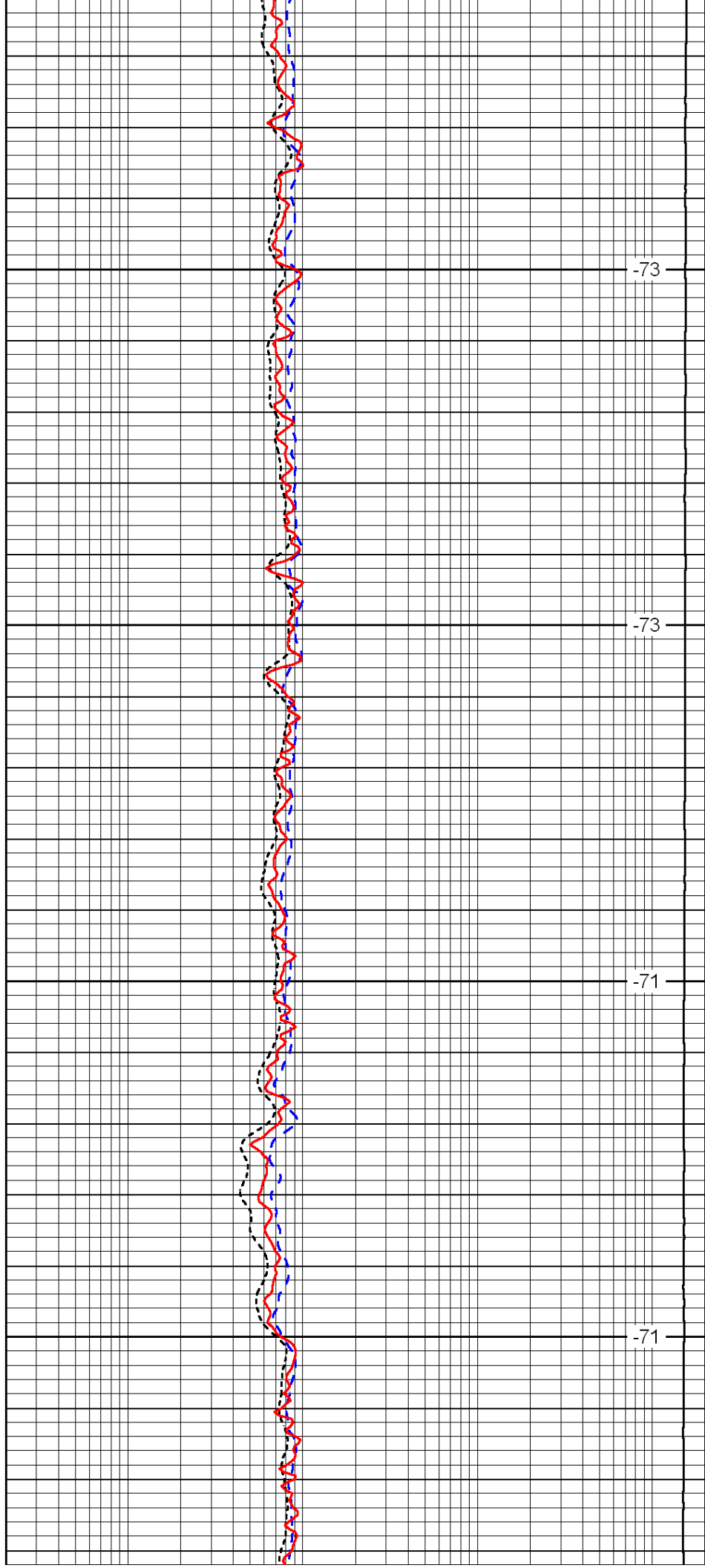


400

450

500

550

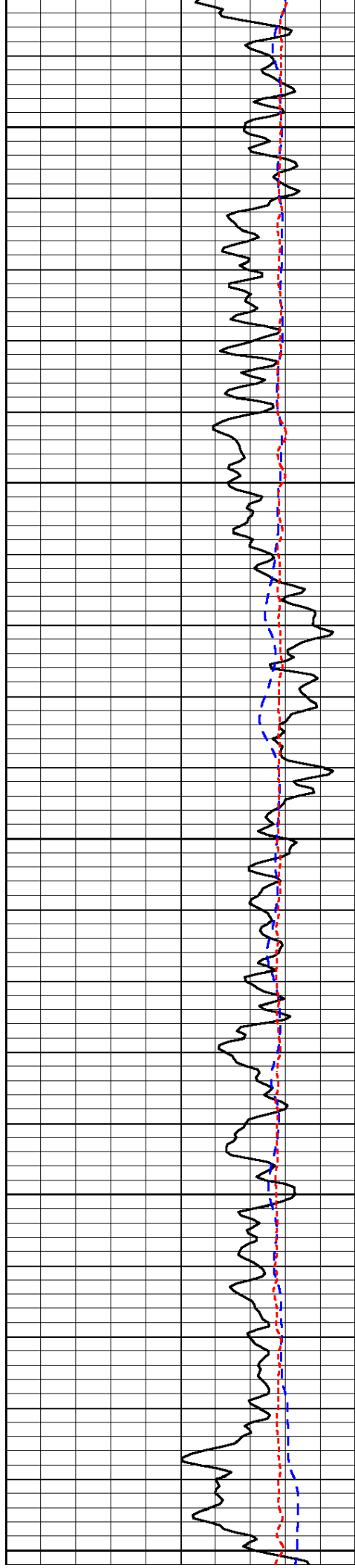


-73

-73

-71

-71



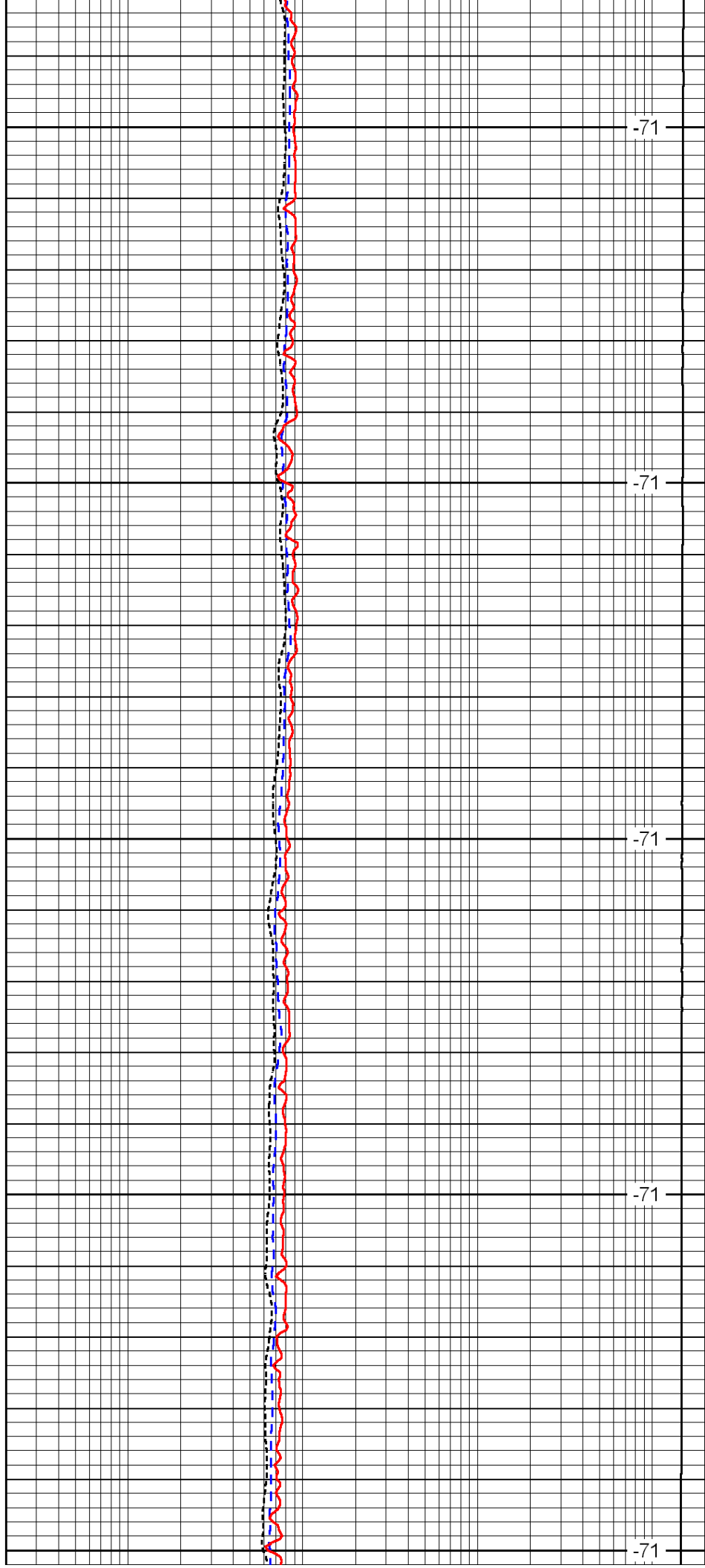
600

650

700

750

800



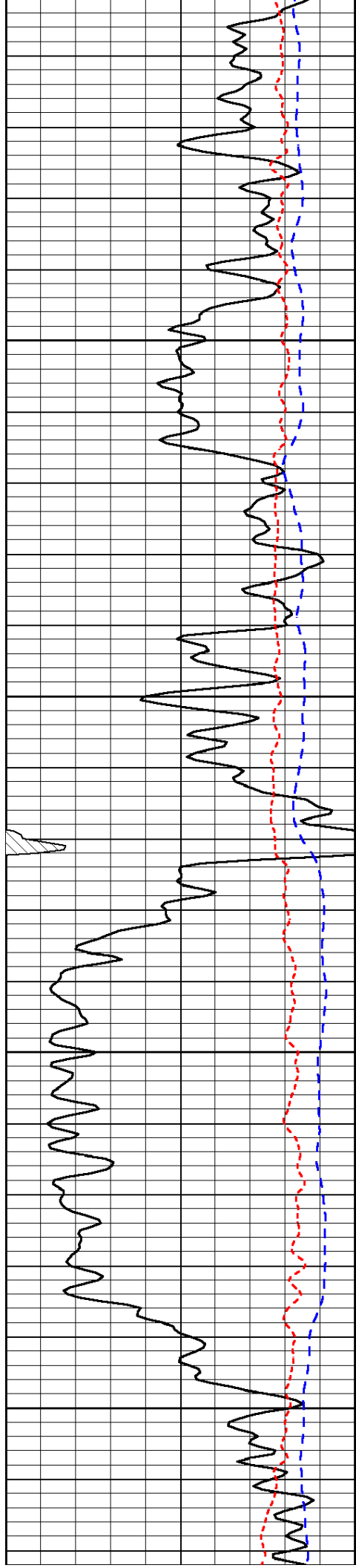
-71

-71

-71

-71

-71

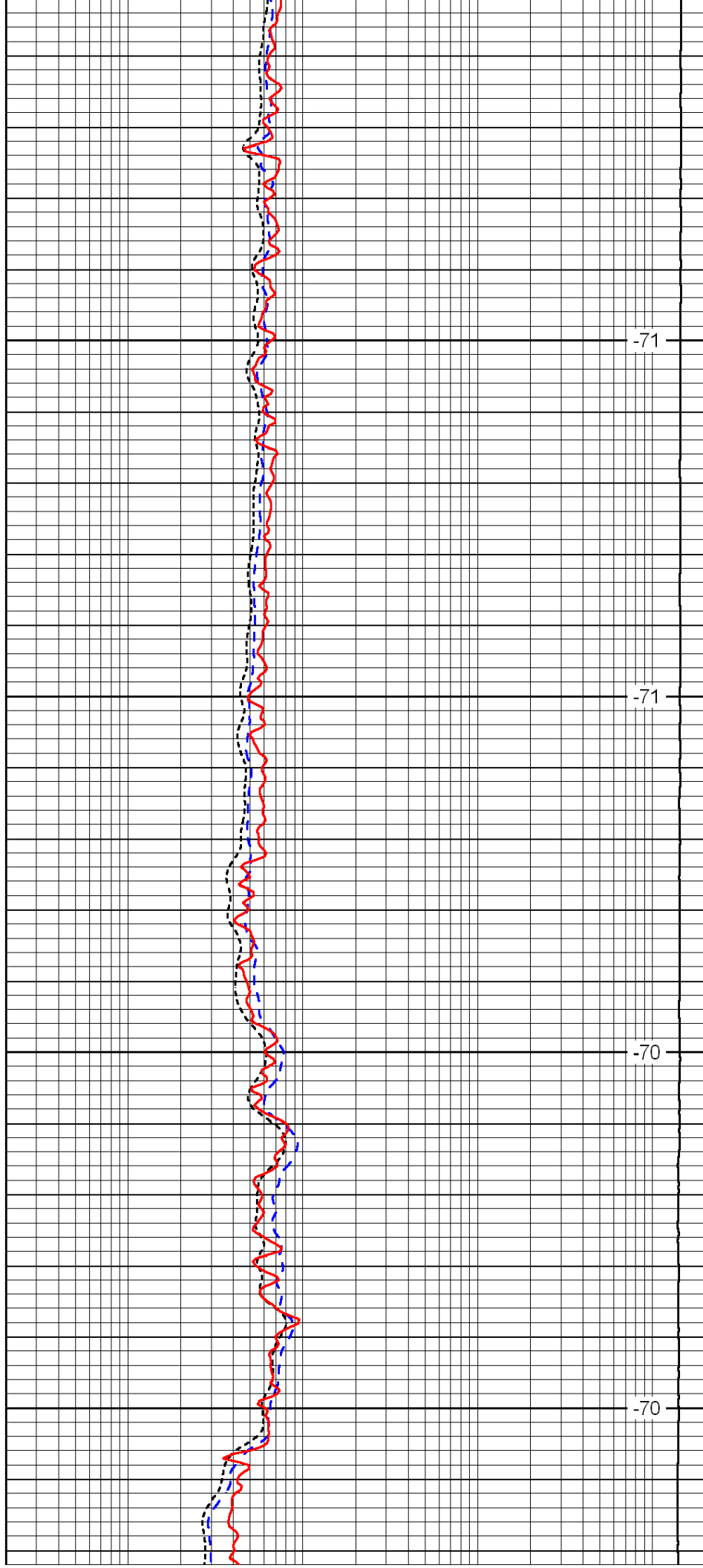


850

900

950

1000

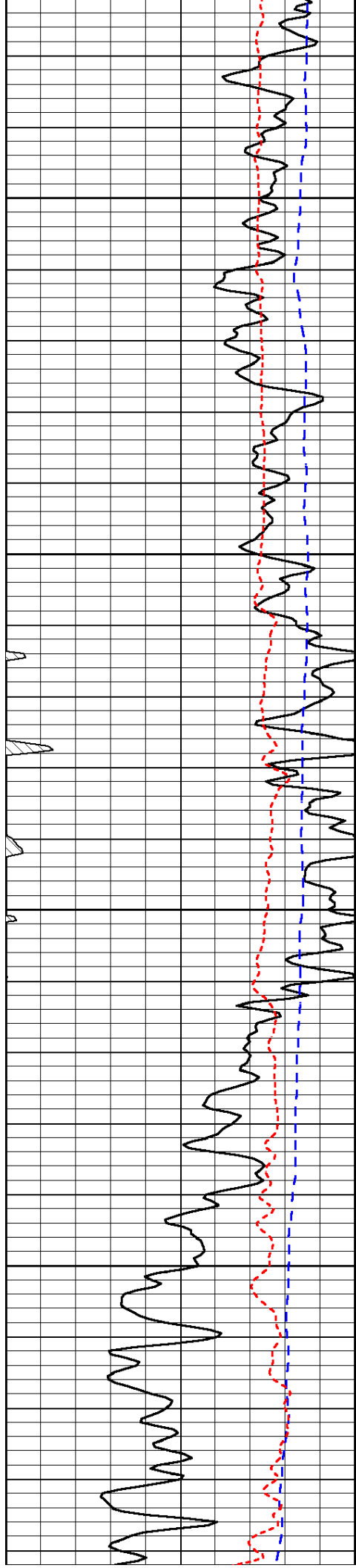


-71

-71

-70

-70

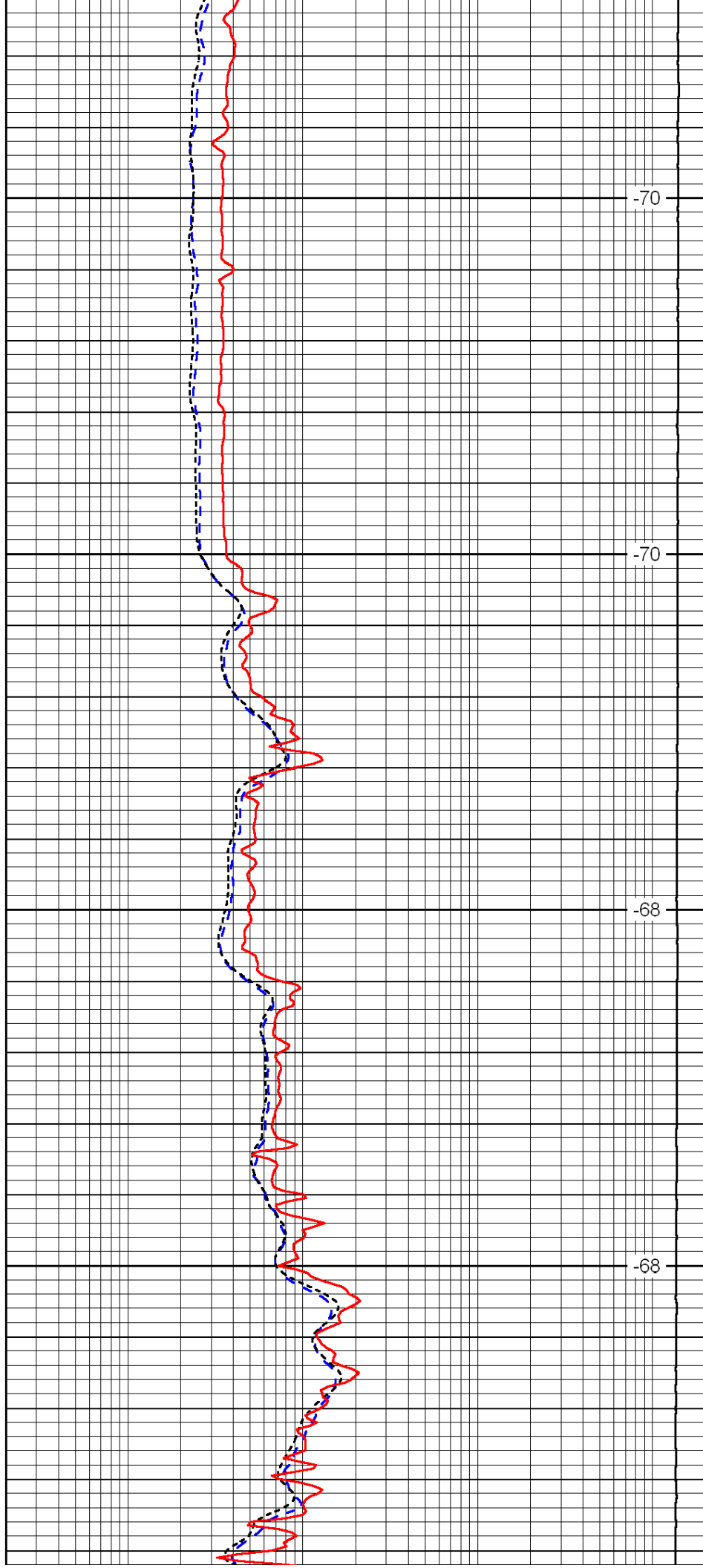


1050

1100

1150

1200

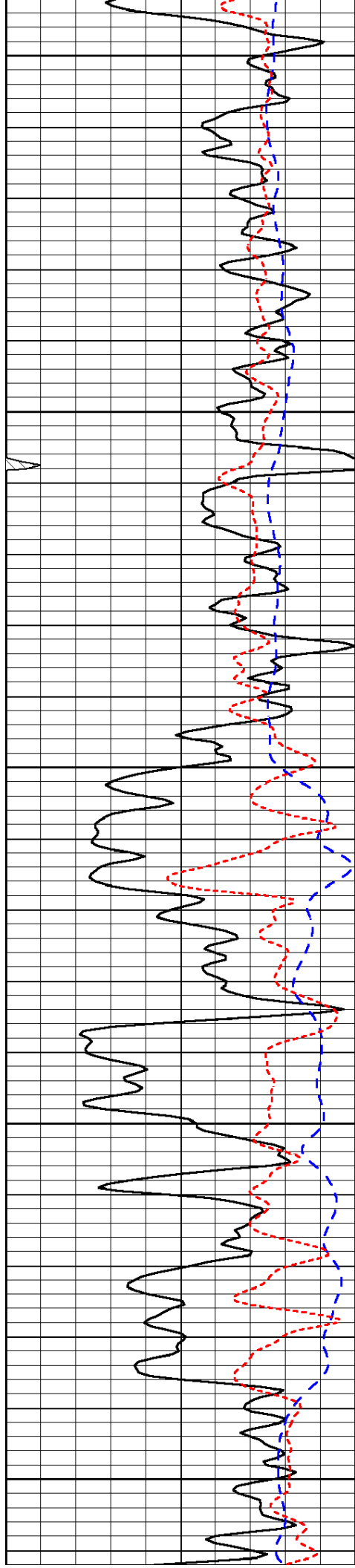


-70

-70

-68

-68



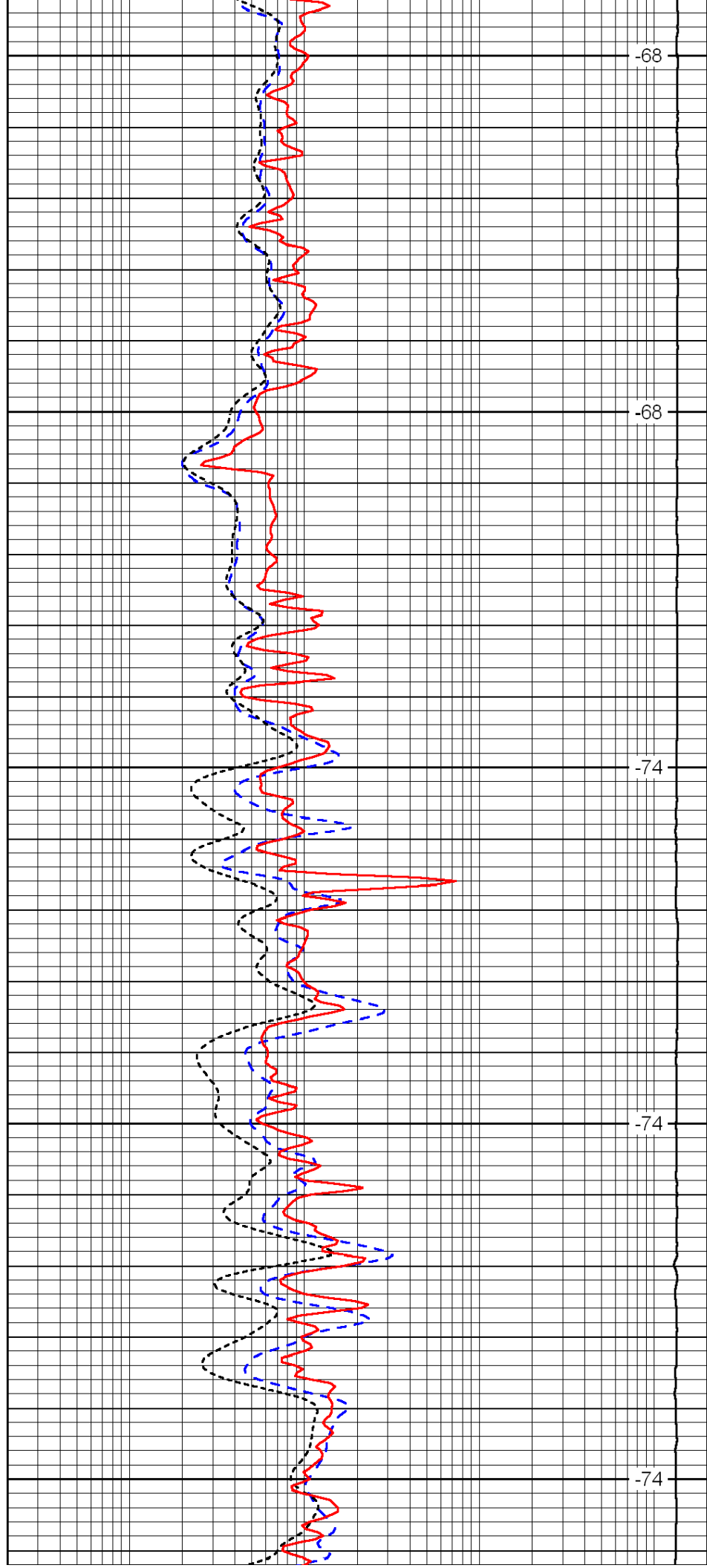
1250

1300

1350

1400

1450



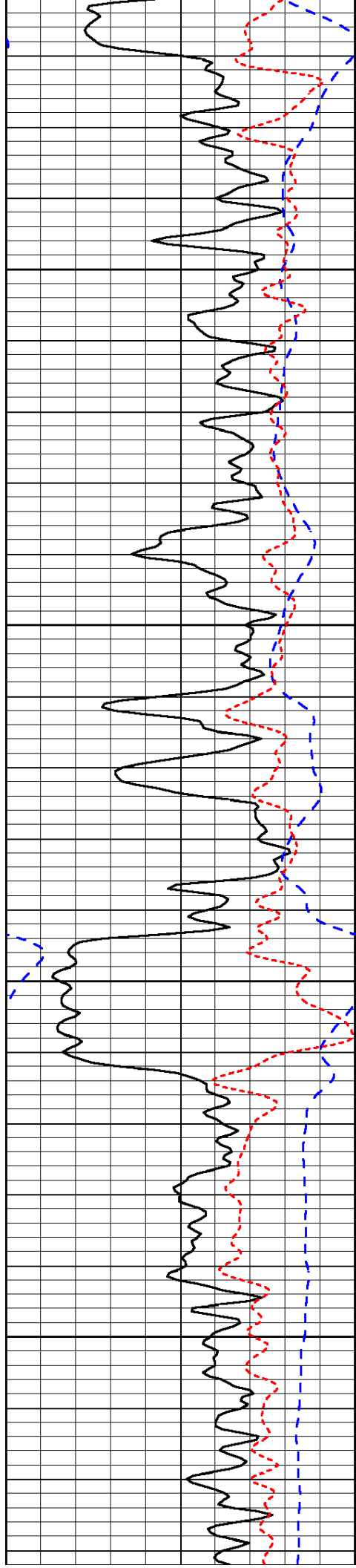
-68

-68

-74

-74

-74

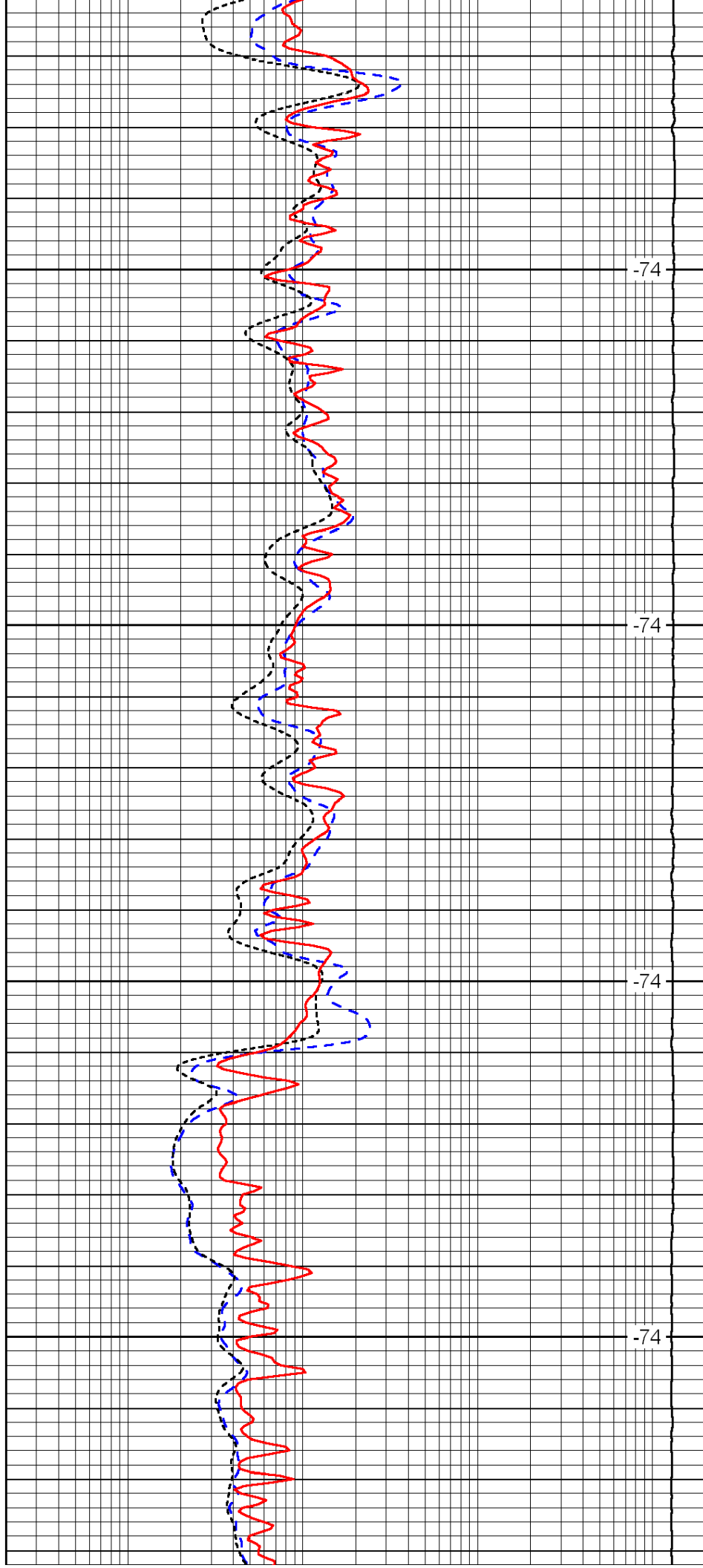


1500

1550

1600

1650

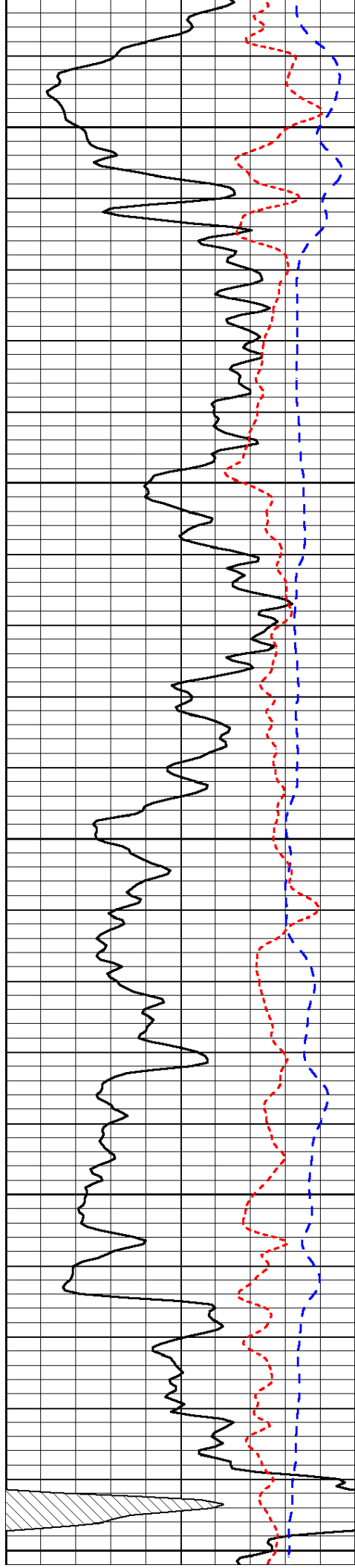


-74

-74

-74

-74



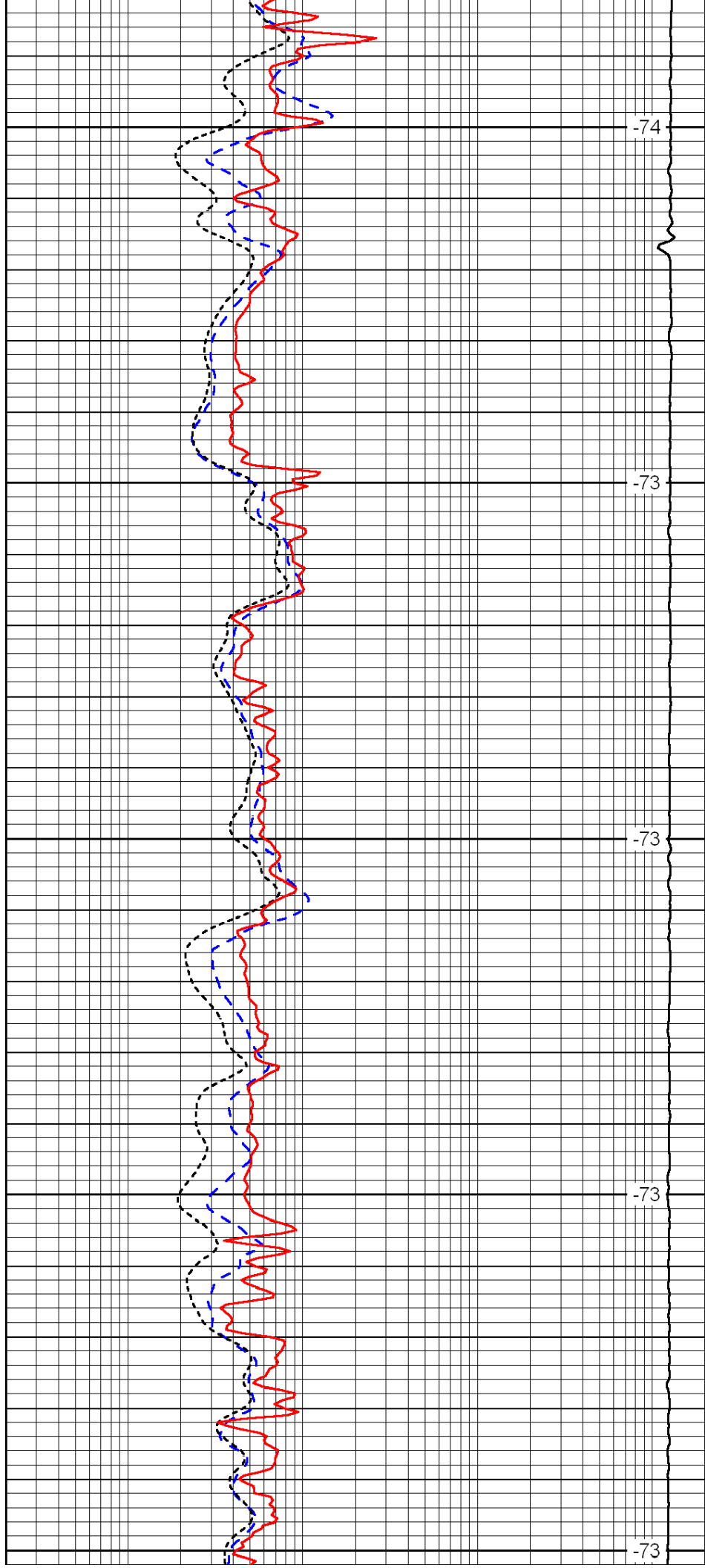
1700

1750

1800

1850

1900



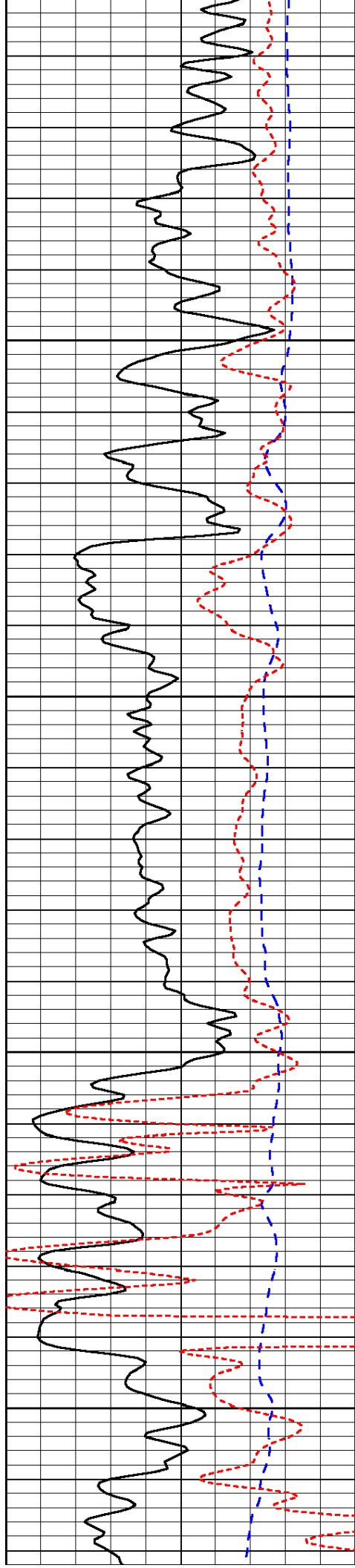
-74

-73

-73

-73

-73

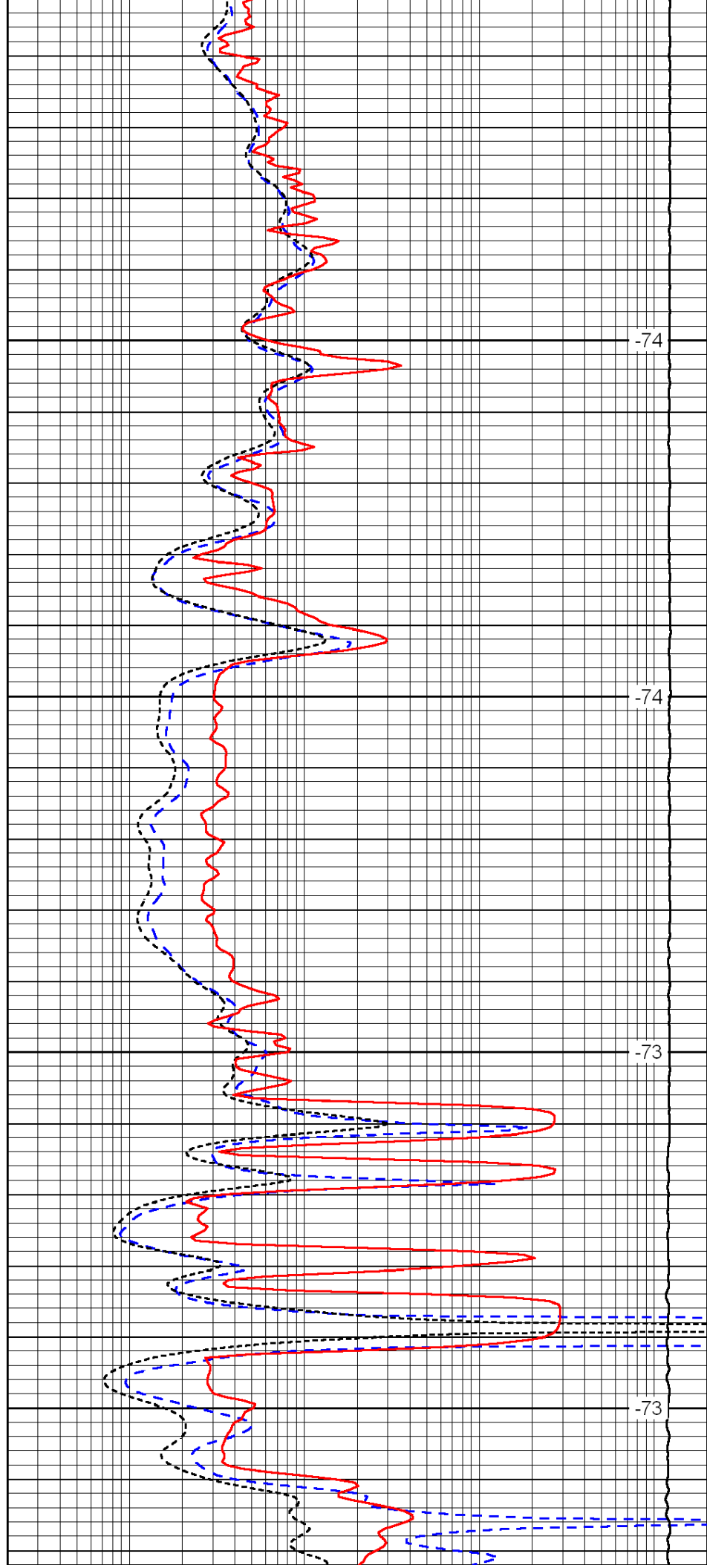


1950

2000

2050

2100

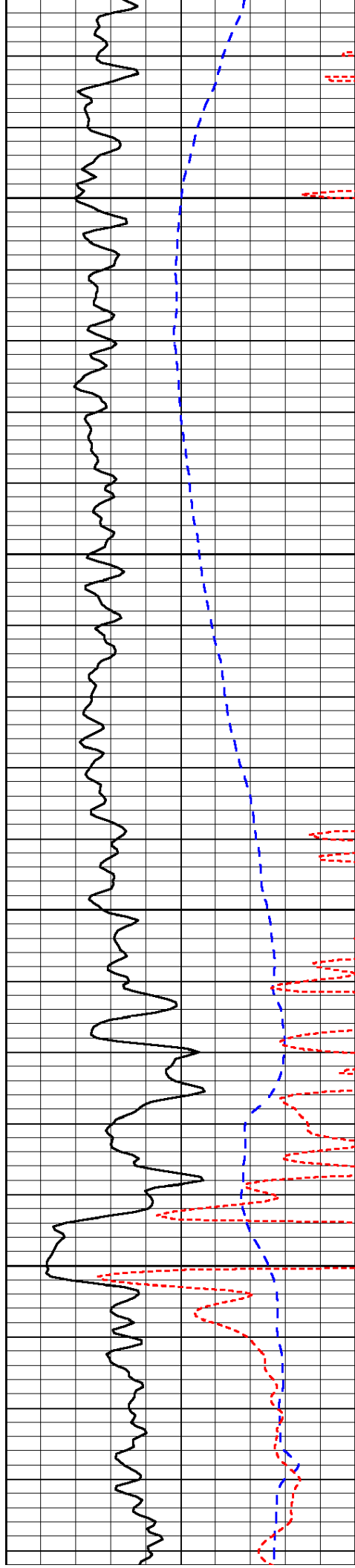


-74

-74

-73

-73

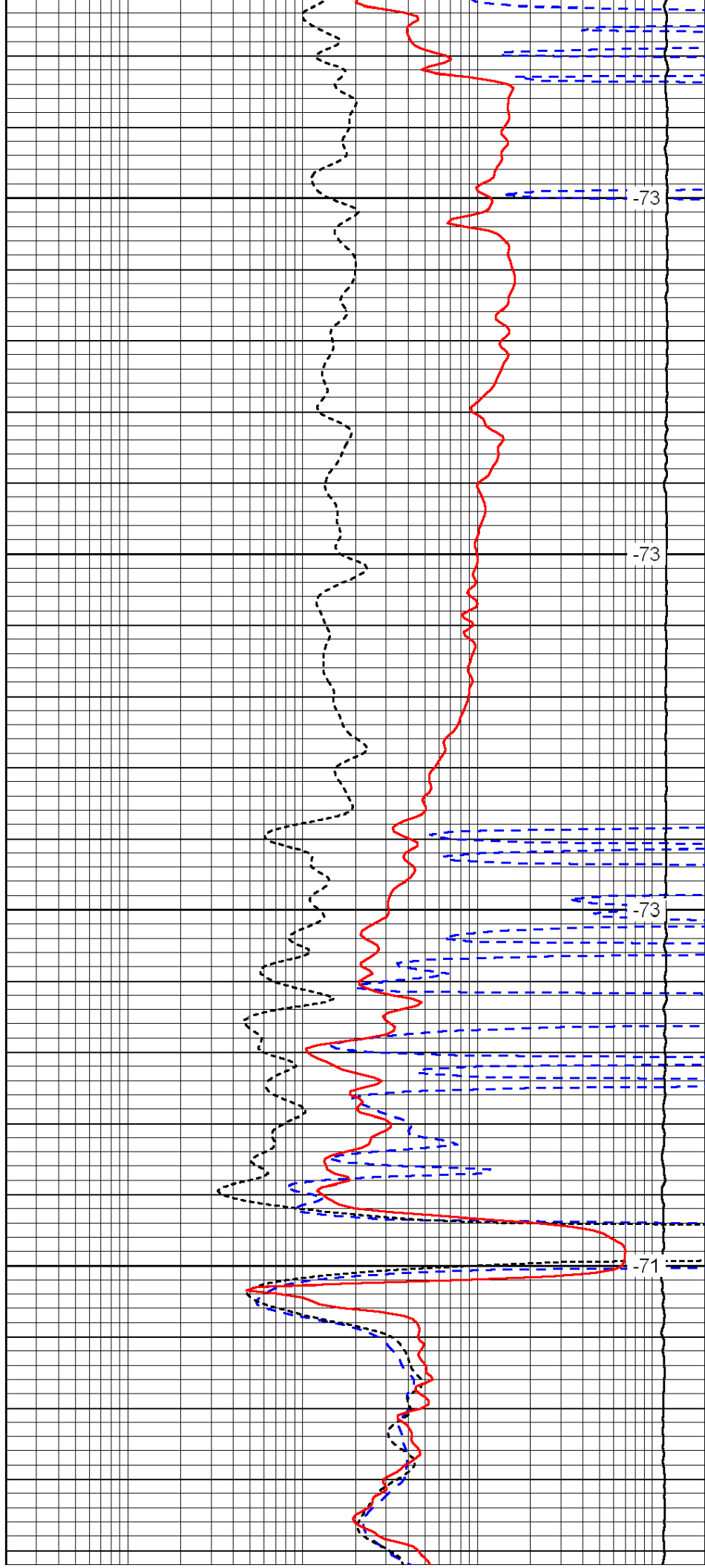


2150

2200

2250

2300

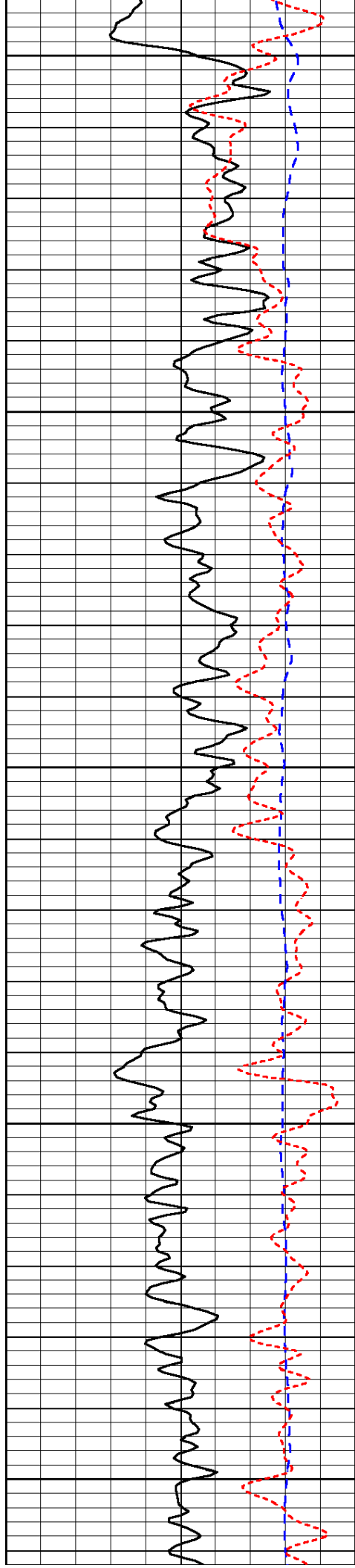


-73

-73

-73

-71



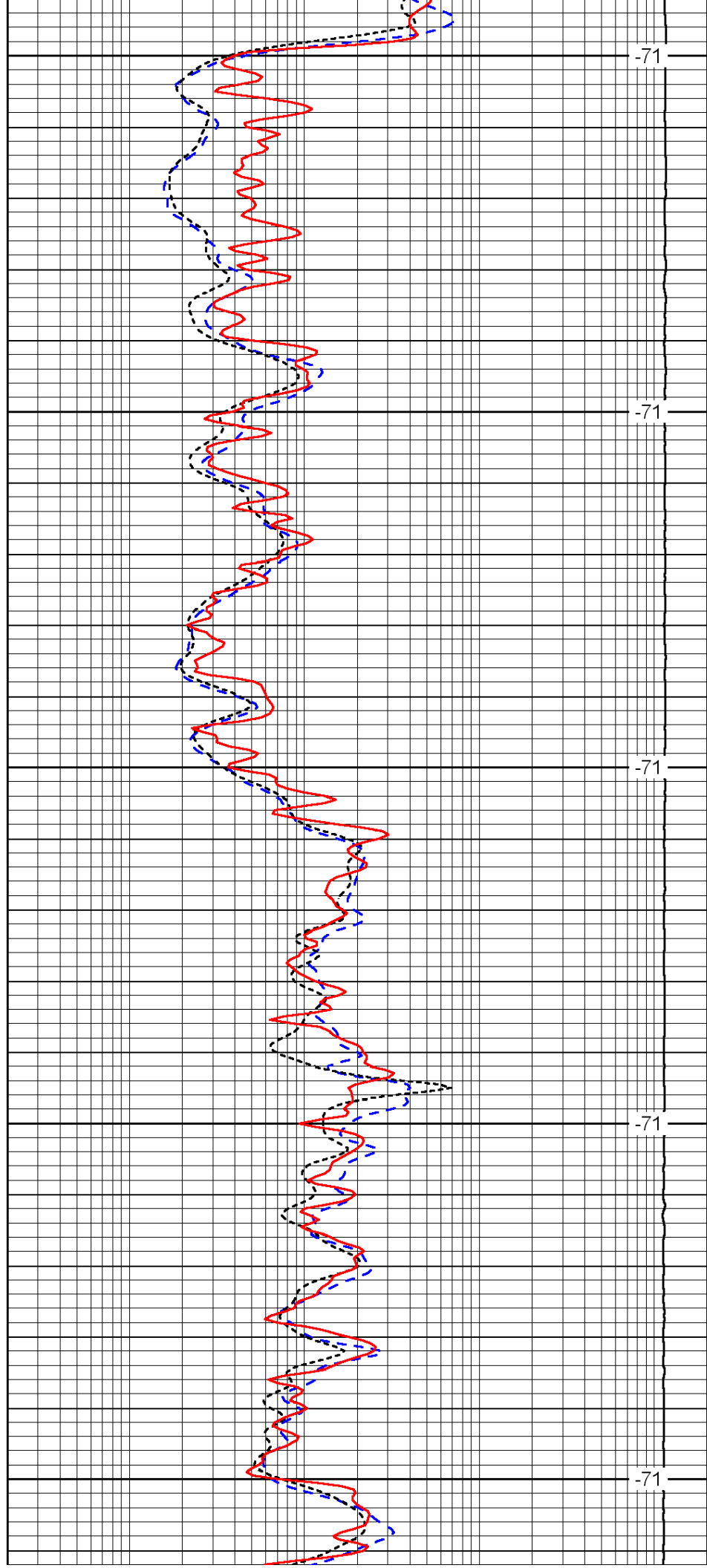
2350

2400

2450

2500

2550



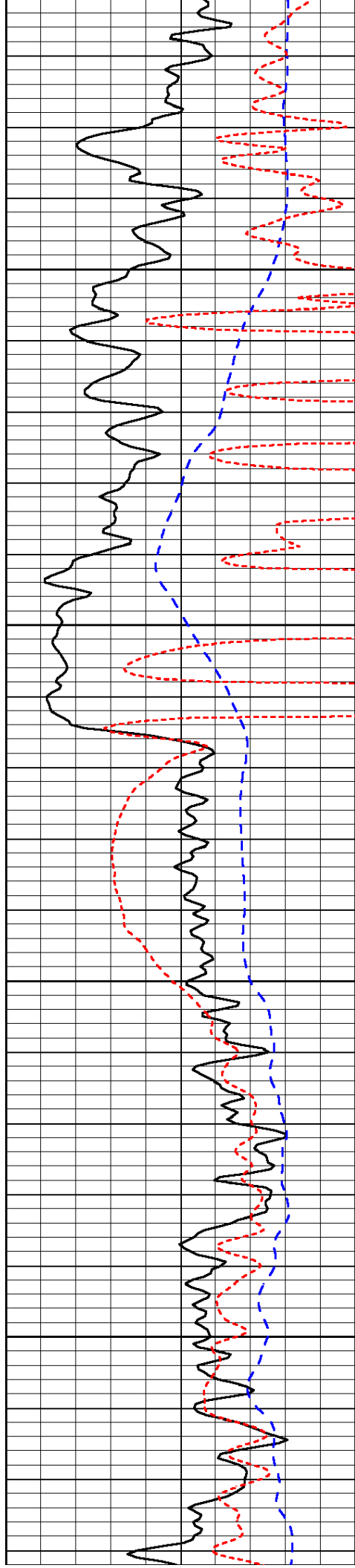
-71

-71

-71

-71

-71

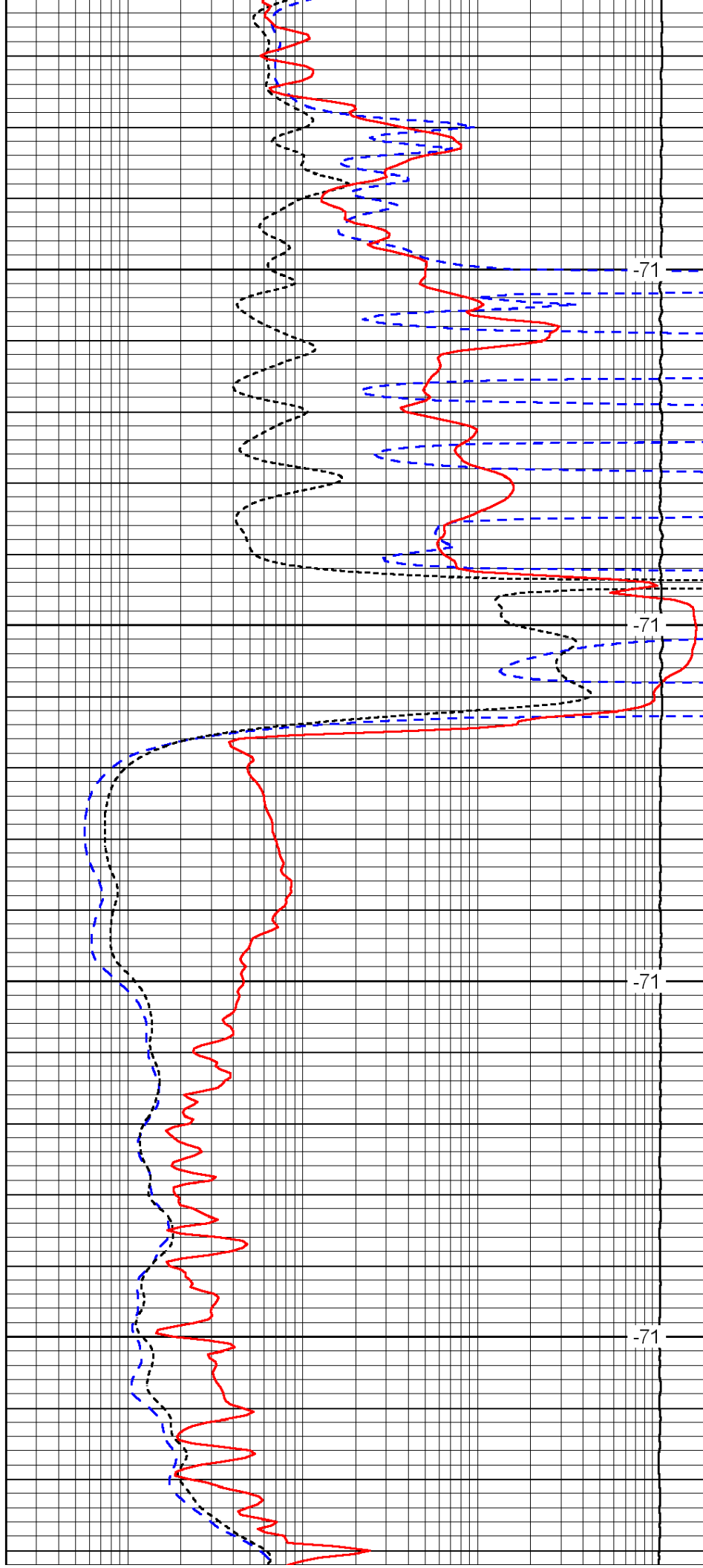


2600

2650

2700

2750

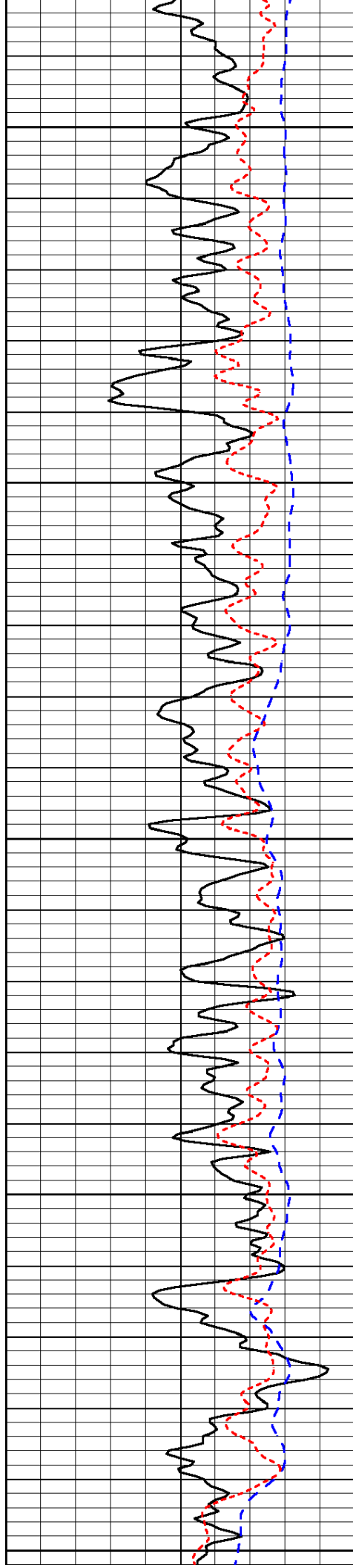


-71

-71

-71

-71



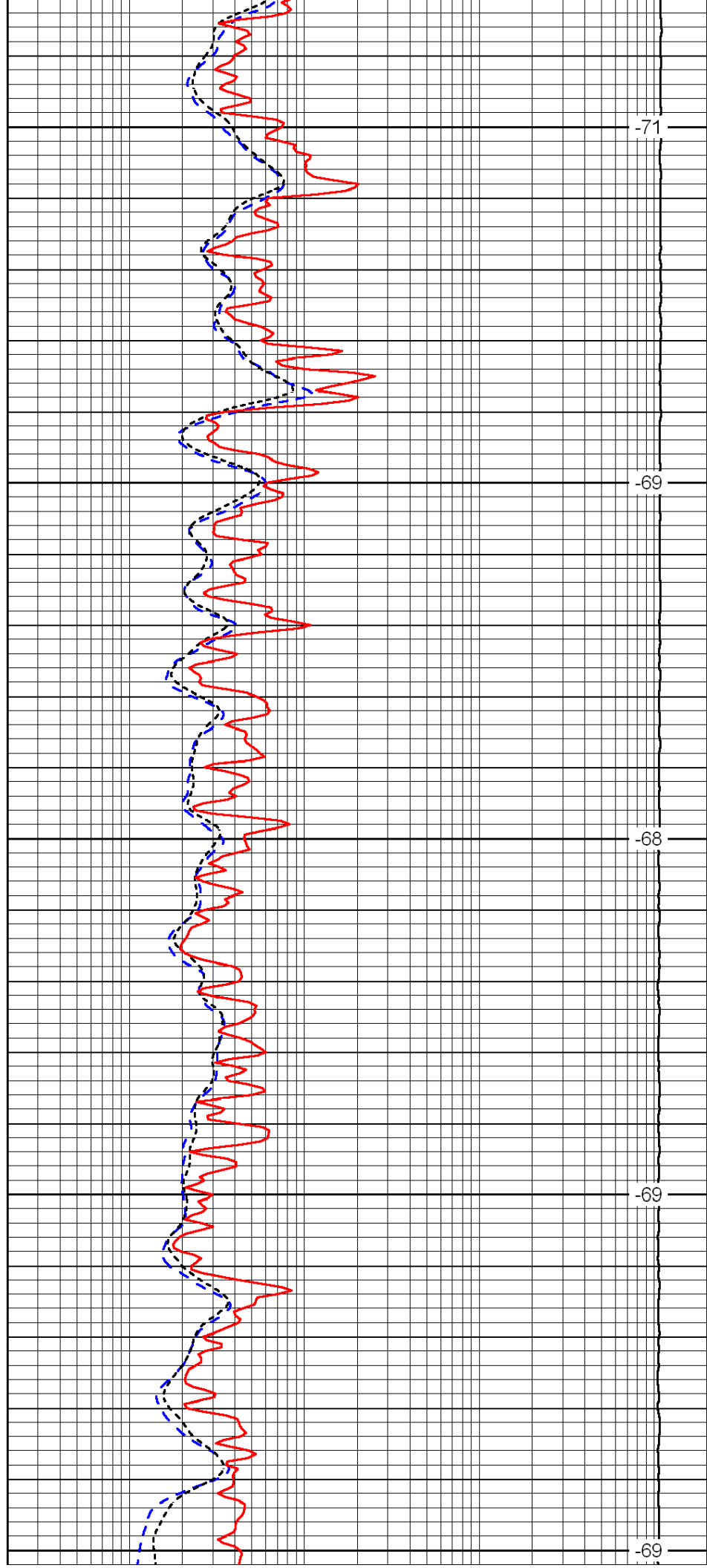
2800

2850

2900

2950

3000



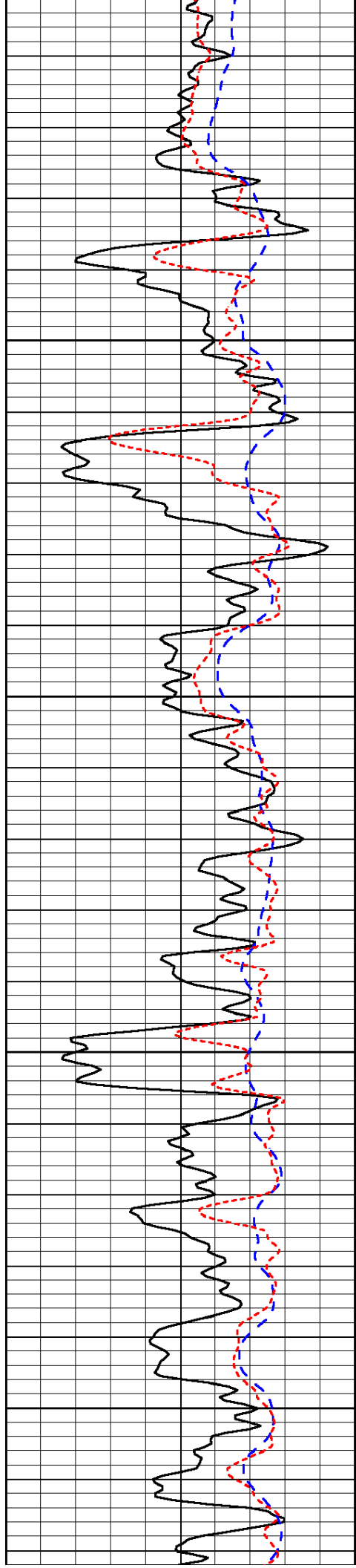
-71

-69

-68

-69

-69

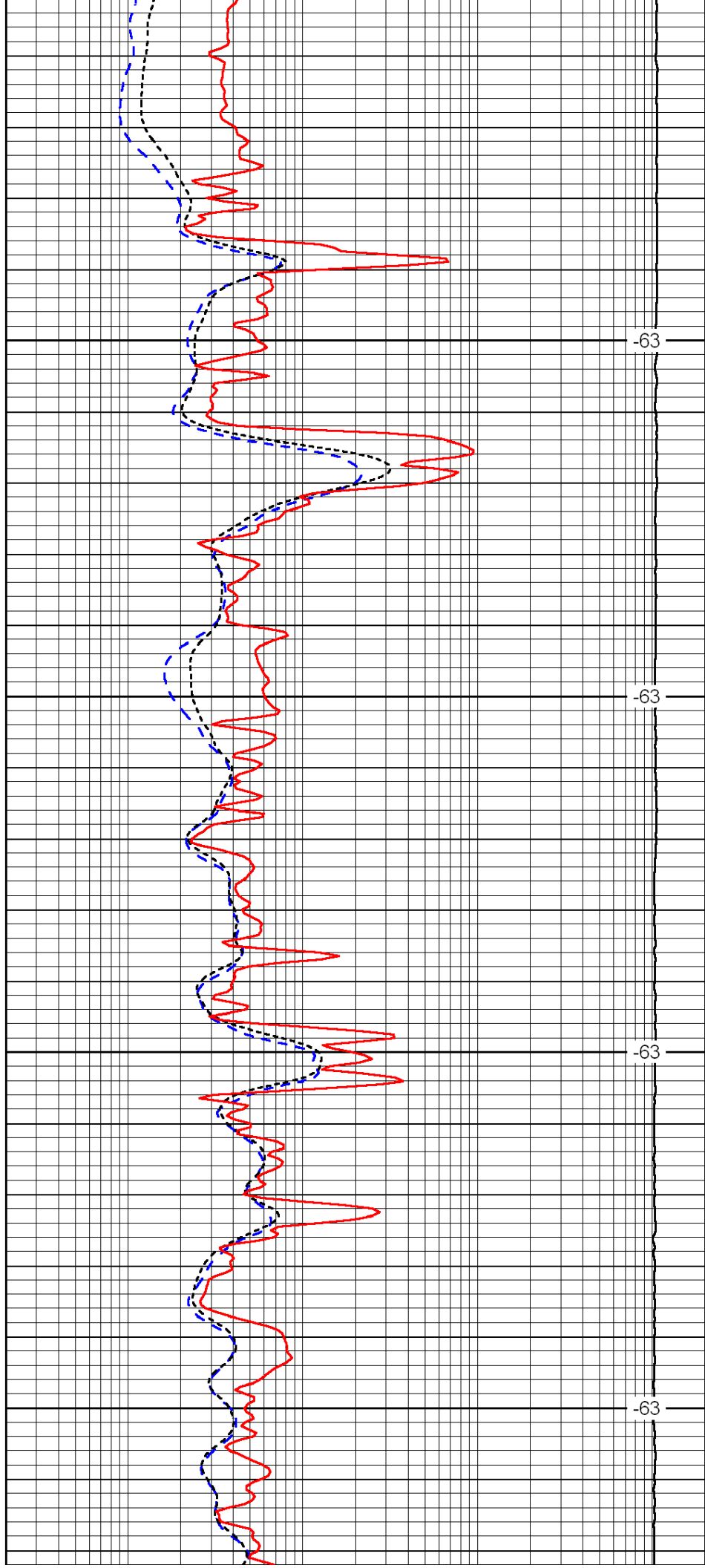


3050

3100

3150

3200

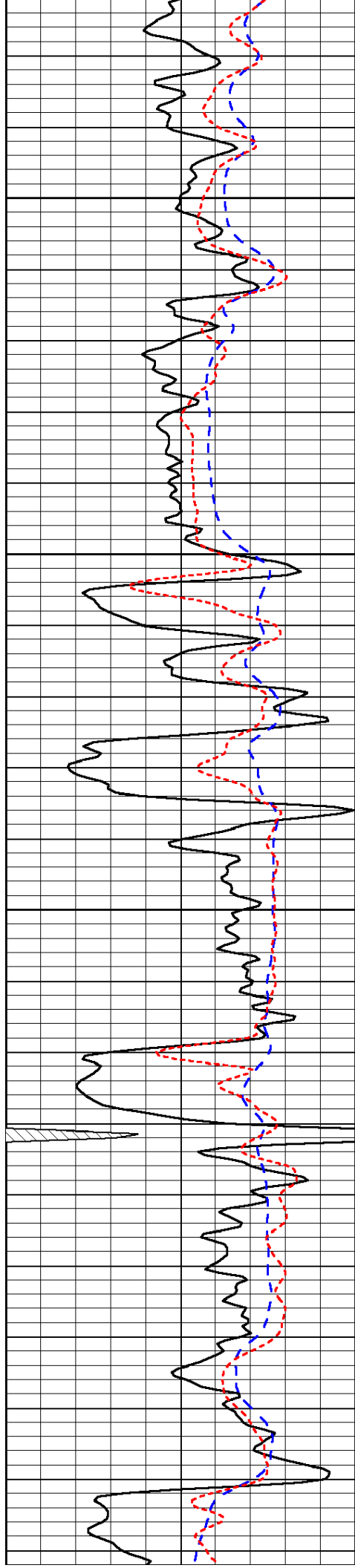


-63

-63

-63

-63

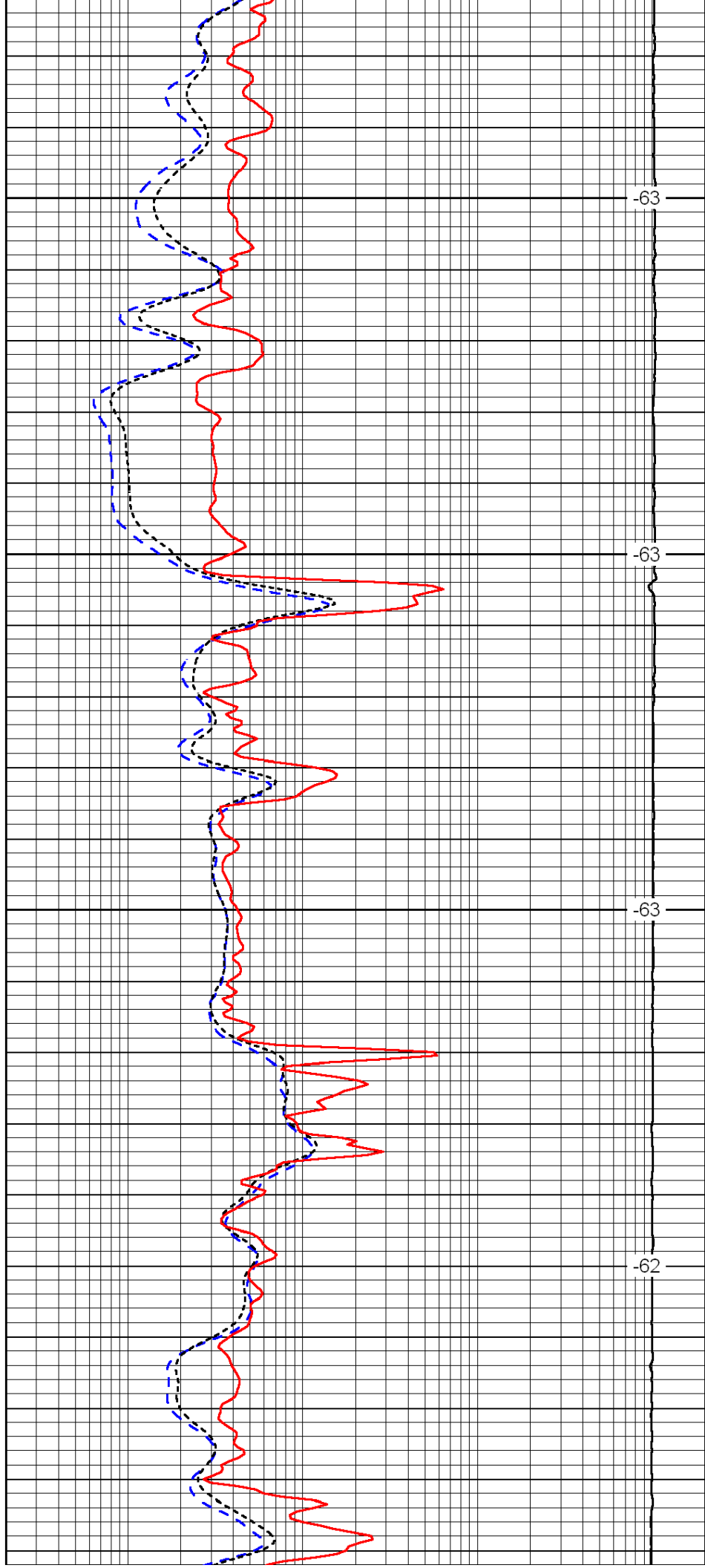


3250

3300

3350

3400

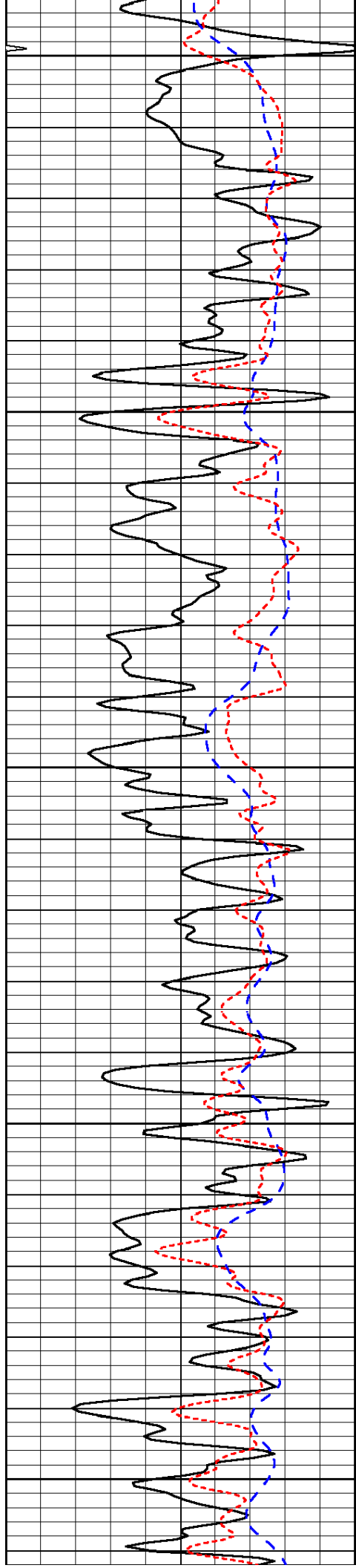


-63

-63

-63

-62



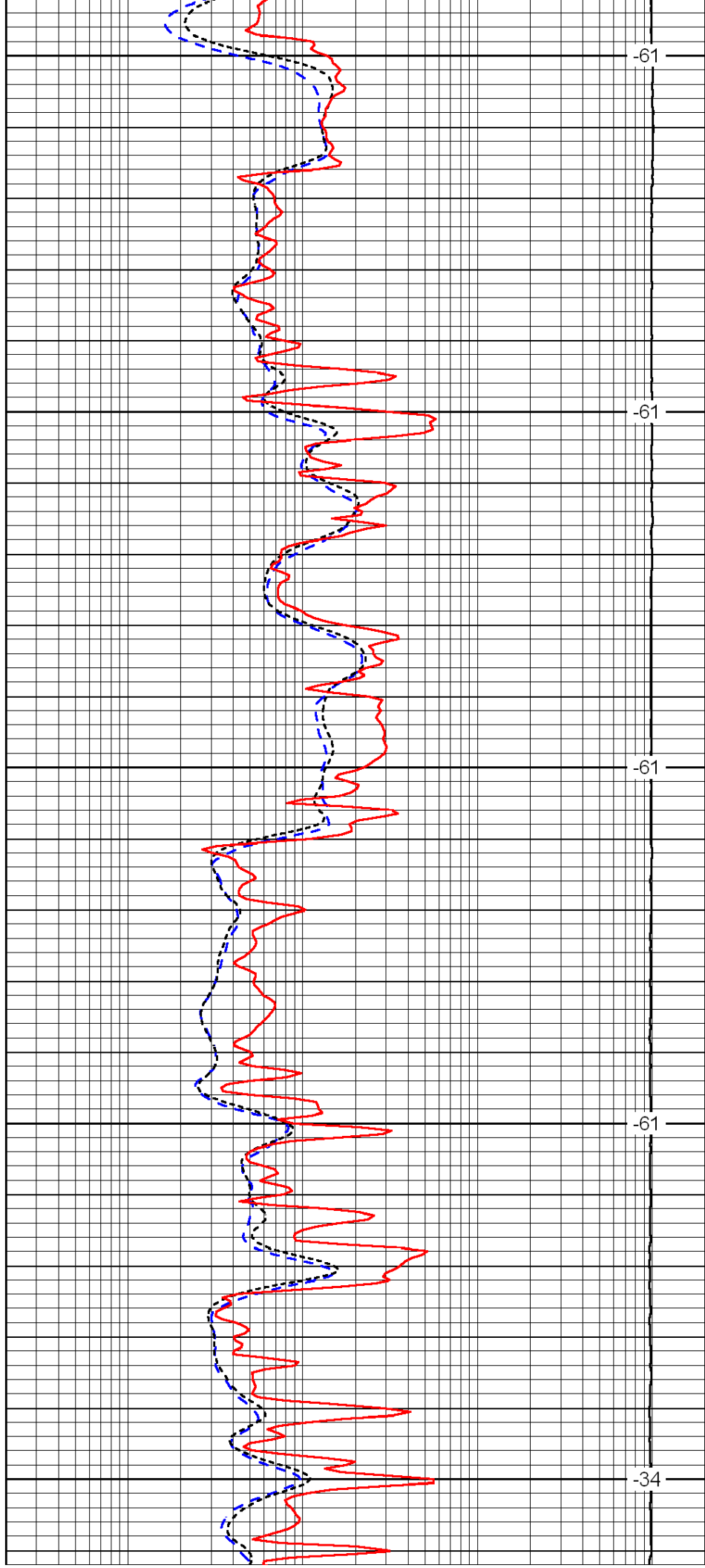
3450

3500

3550

3600

3650



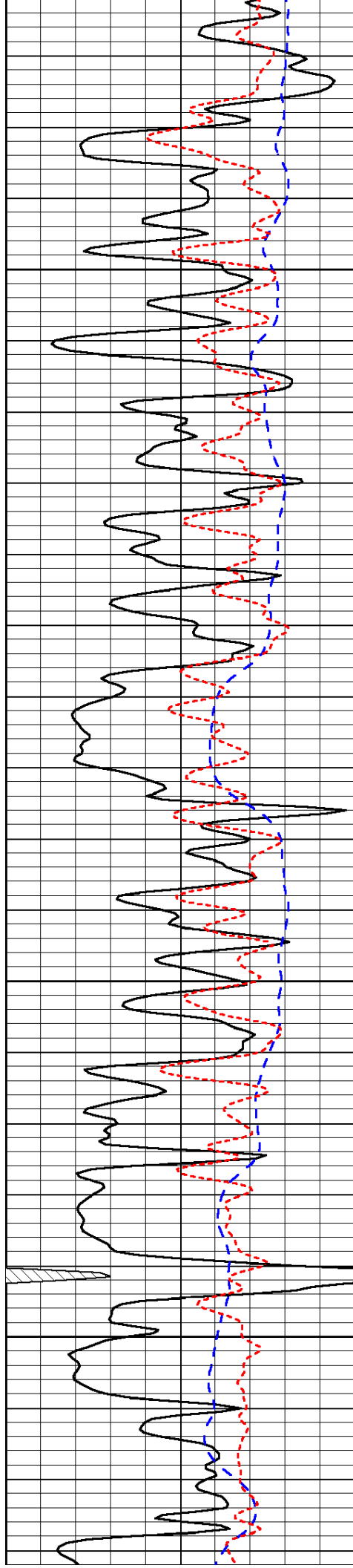
-61

-61

-61

-61

-34

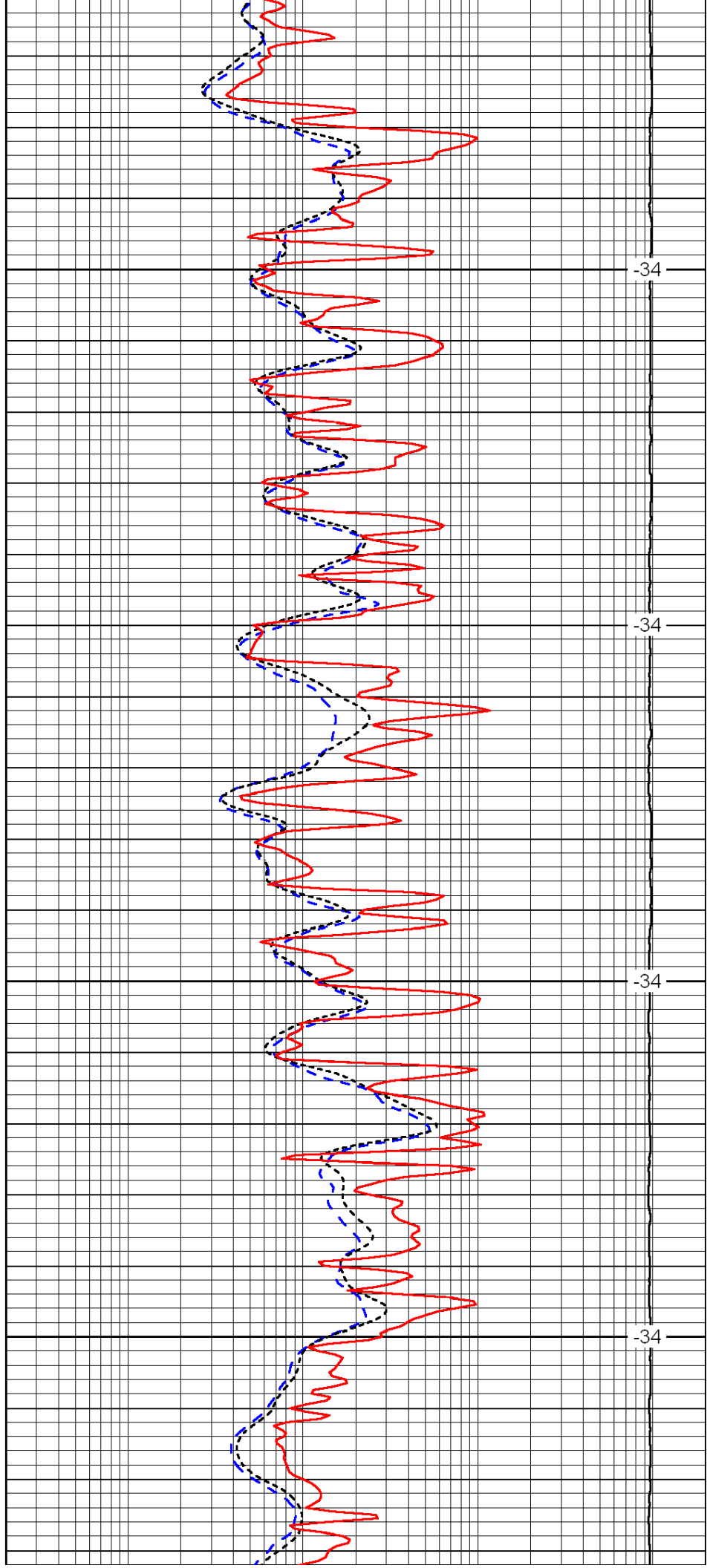


3700

3750

3800

3850

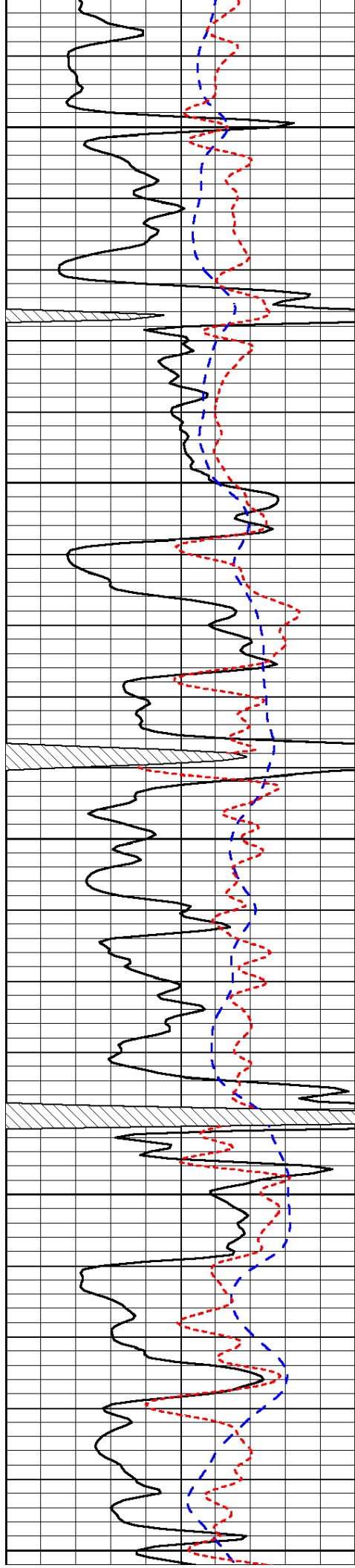


-34

-34

-34

-34



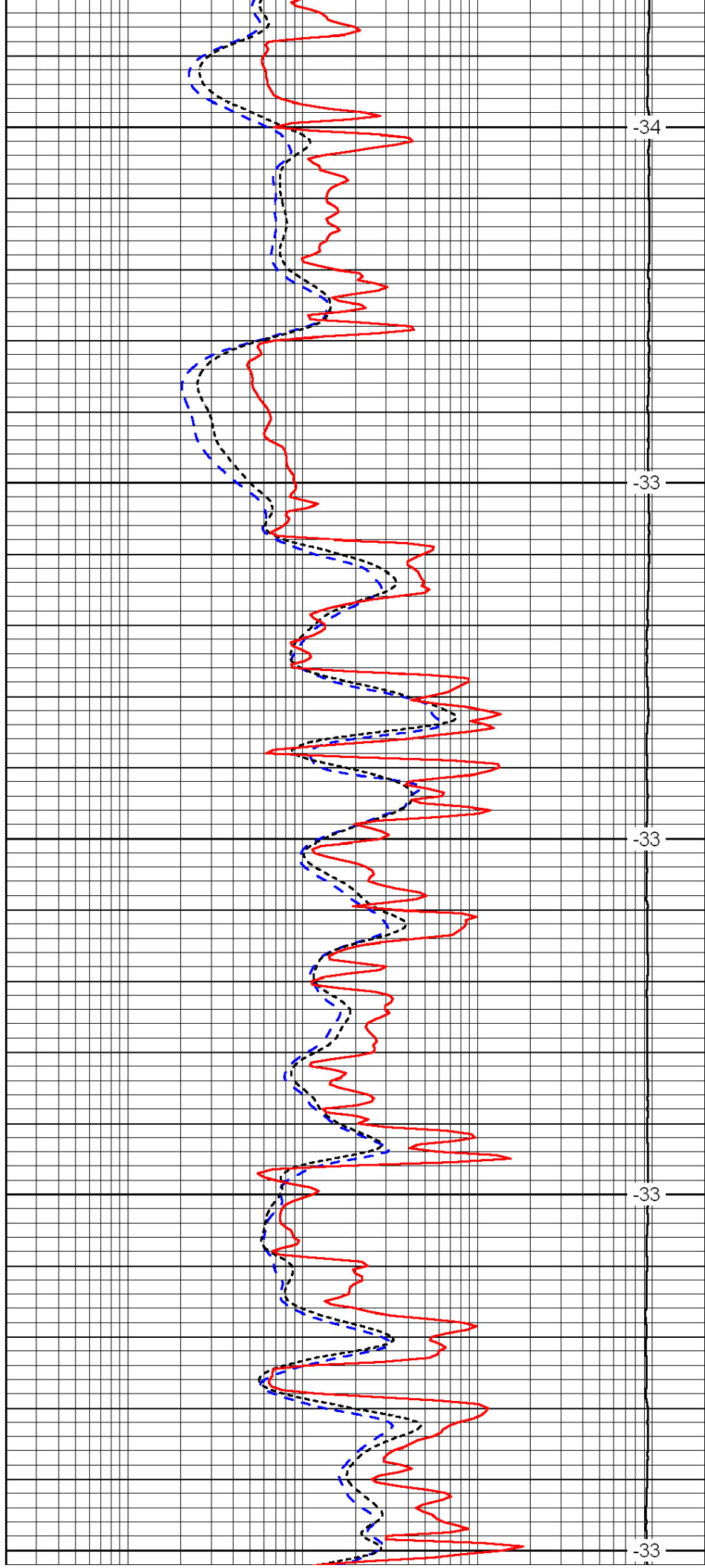
3900

3950

4000

4050

4100



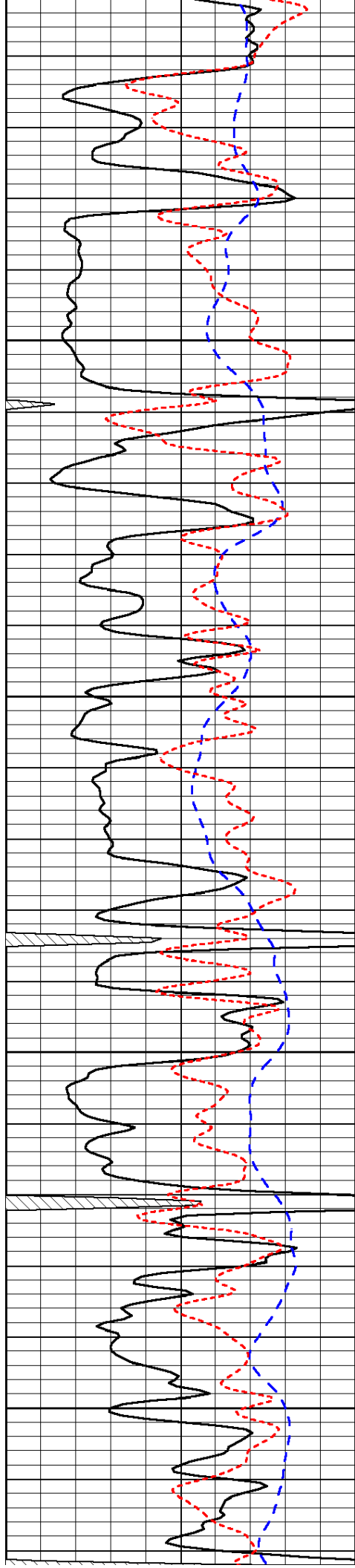
-34

-33

-33

-33

-33

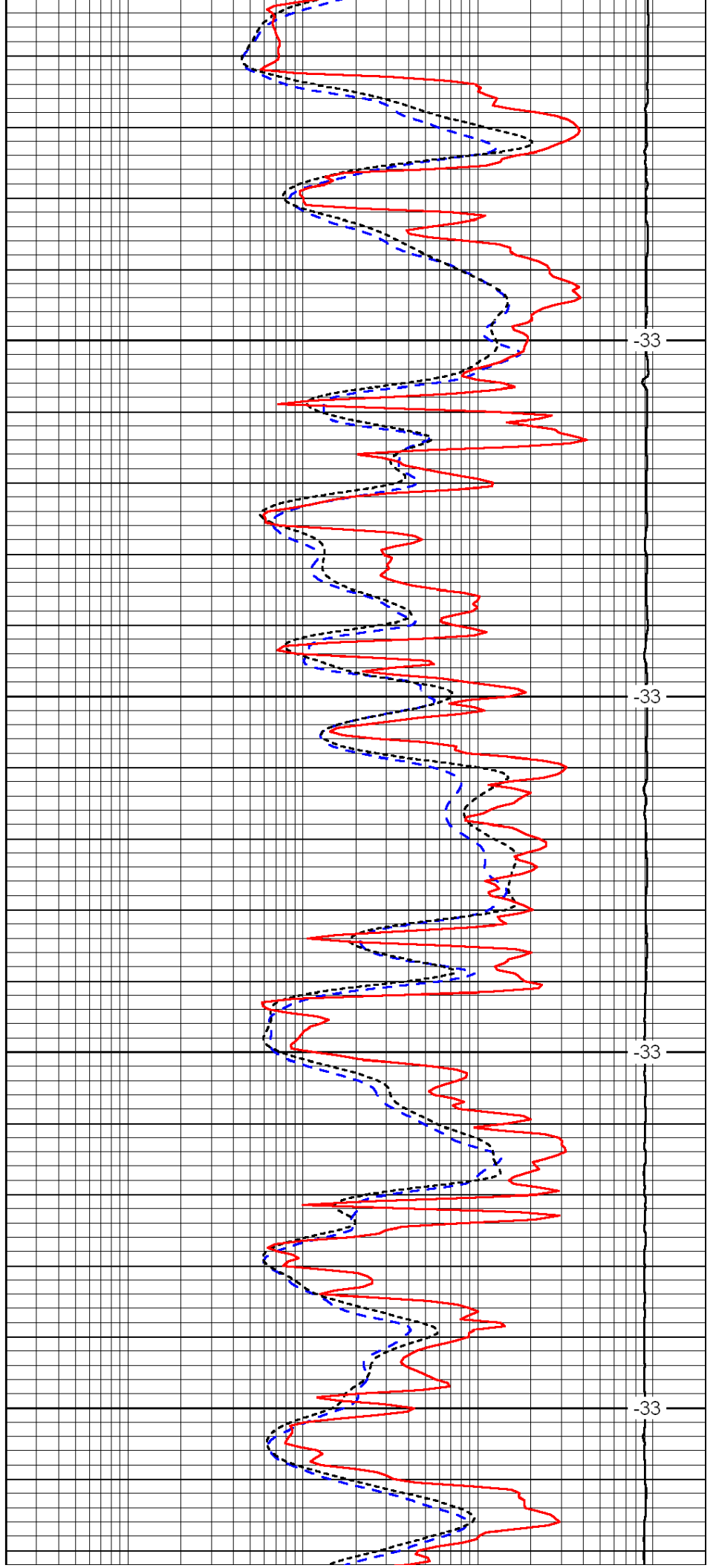


4150

4200

4250

4300

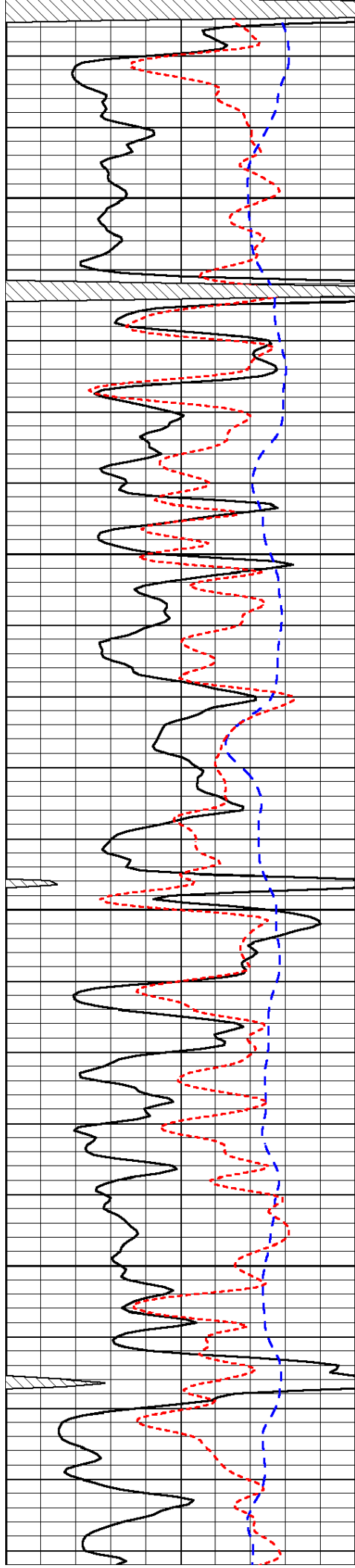


-33

-33

-33

-33

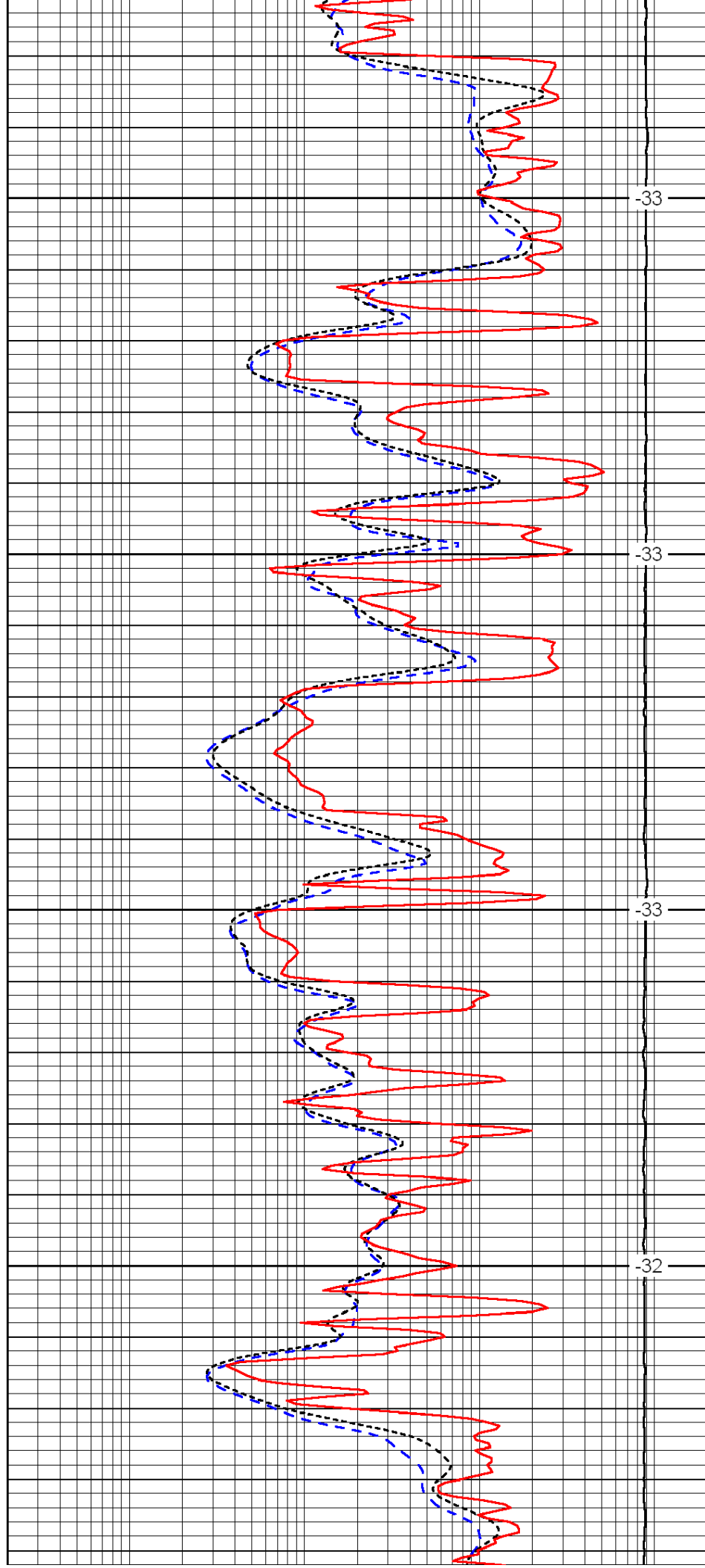


4350

4400

4450

4500

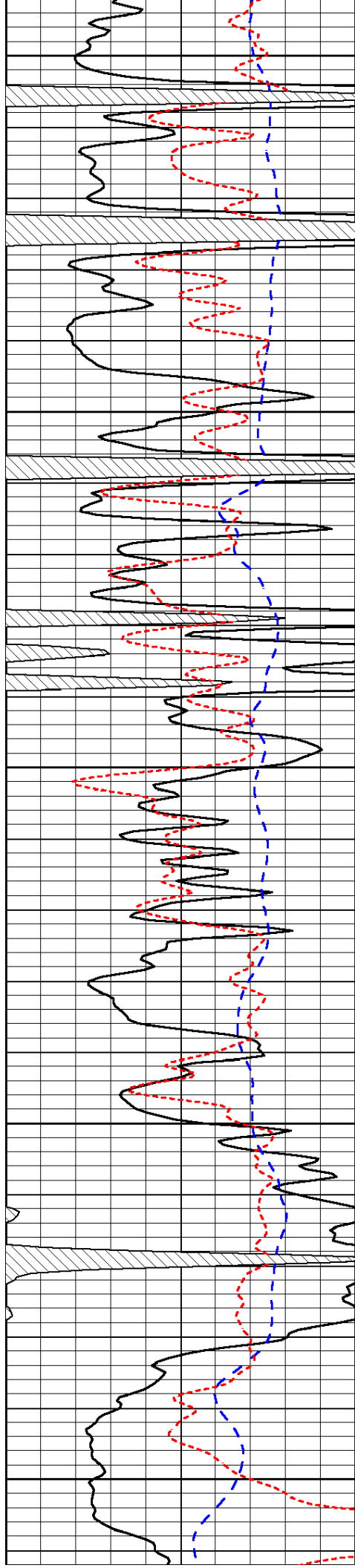


-33

-33

-33

-32



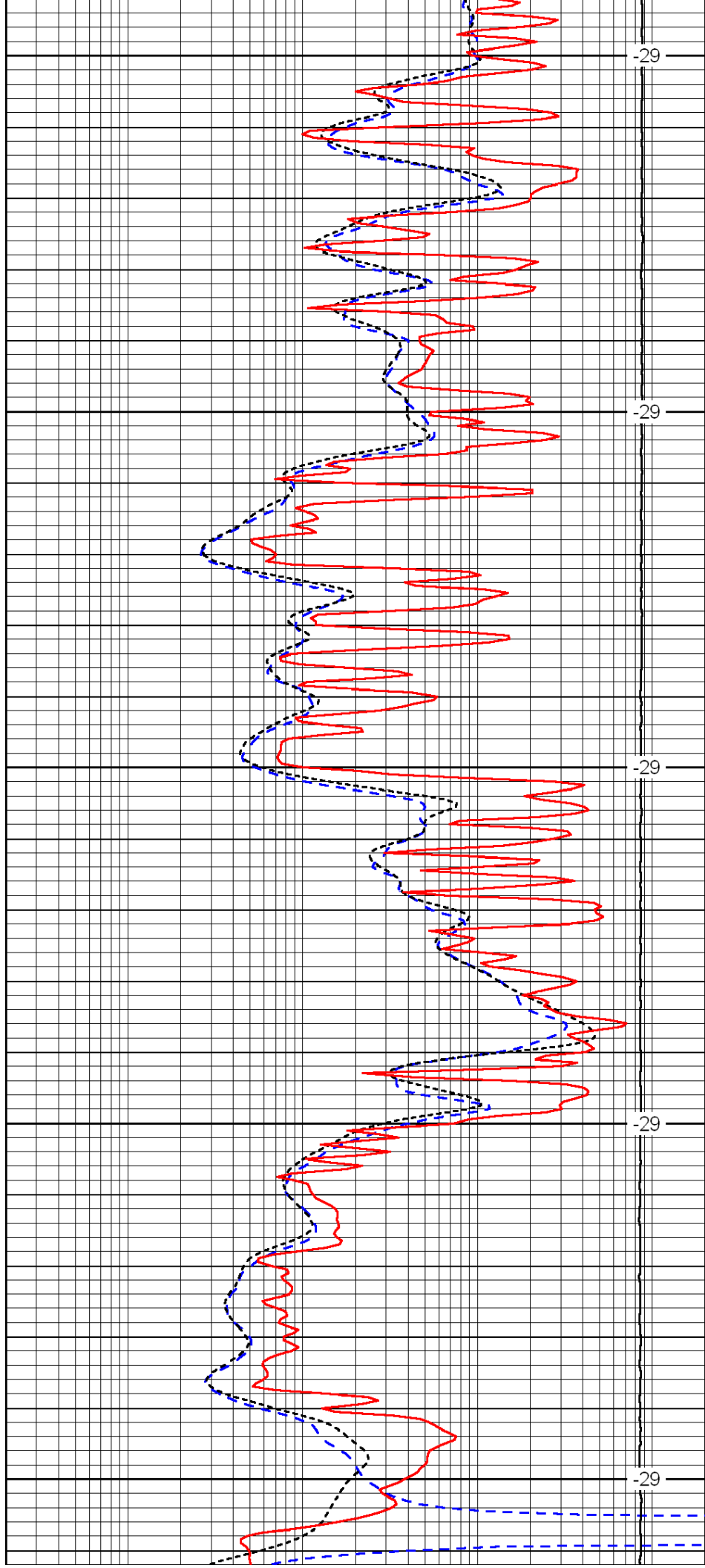
4550

4600

4650

4700

4750



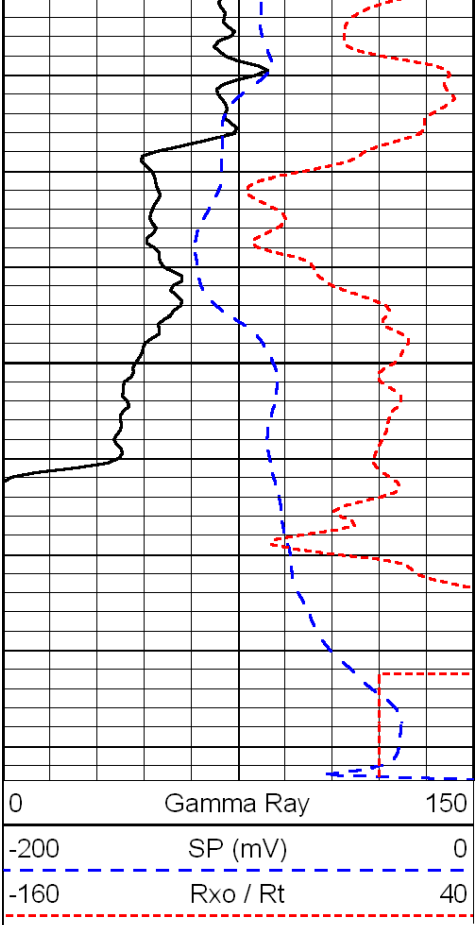
-29

-29

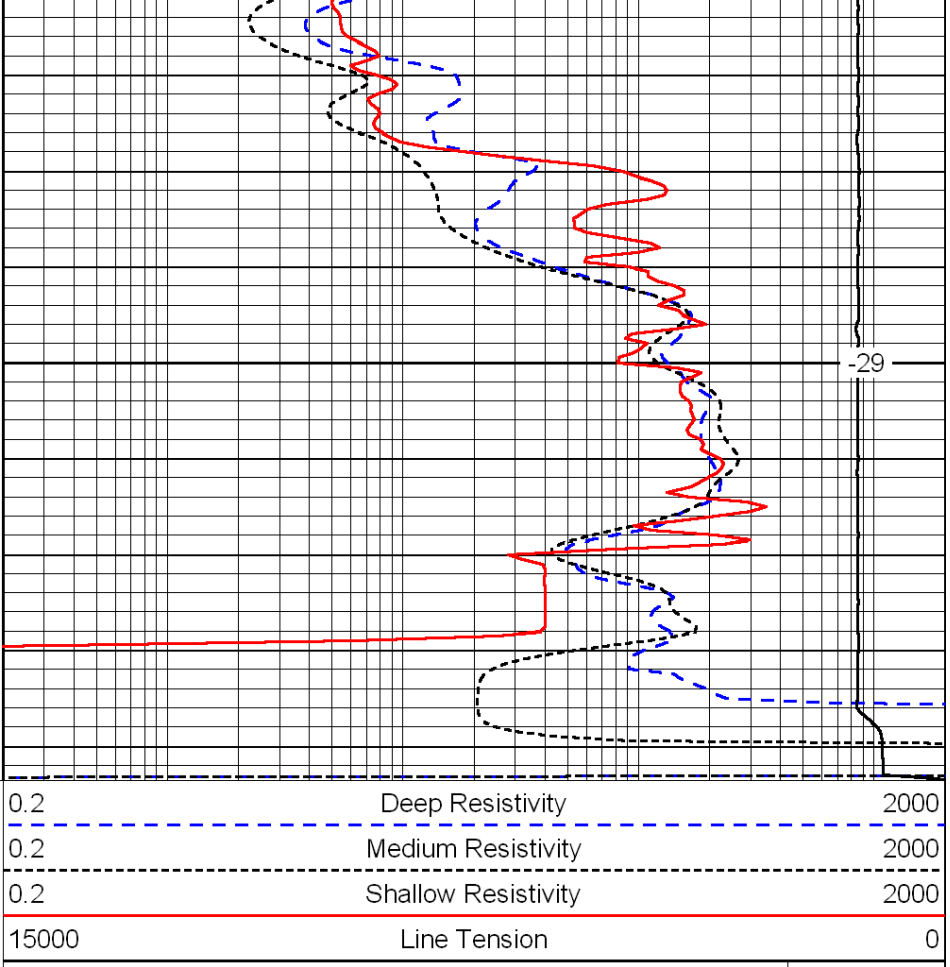
-29

-29

-29



4800



-29

LSPD