



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Murfin Drilling Company, Inc.		
15-065-23,639-00-00	Well Joan No. 1-29		
	Field Wildcat		
	County Graham	State	Kansas
	Location	1830' FSL & 1110' FEL	
	Sec: 29	Twp: 10S	Rge: 21W
	Permanent Datum Ground Level	Log Measured From Kelly Bushing	Elevation 2184
	Drilling Measured From Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2189 D.F. 2184 G.L. 2184
Date	05/05/2010		
Run Number	One		
Depth Driller	3900		
Depth Logger	3902		
Bottom Logged Interval	3901		
Top Log Interval	00		
Casing Driller	8.625 @ 220		
Casing Logger	219		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	6.000		
Density / Viscosity	9.0 48		
pH / Fluid Loss	11.0 7.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	.95 @ 66		
Rmf @ Meas. Temp	.71 @ 66		
Rmc @ Meas. Temp	1.28 @ 66		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.54 @ 117		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	117		
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.

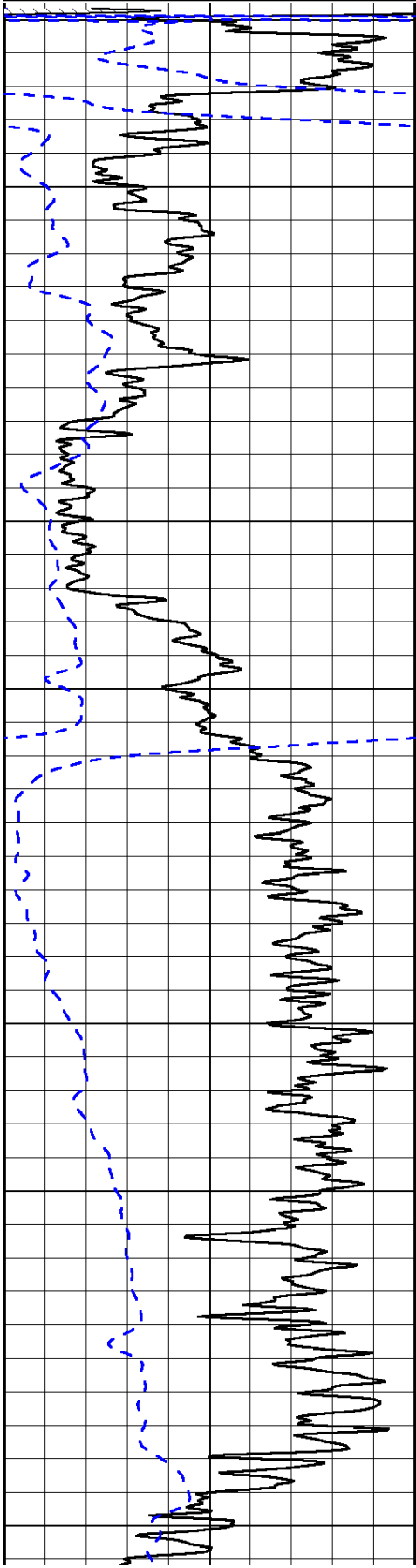
Comments

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

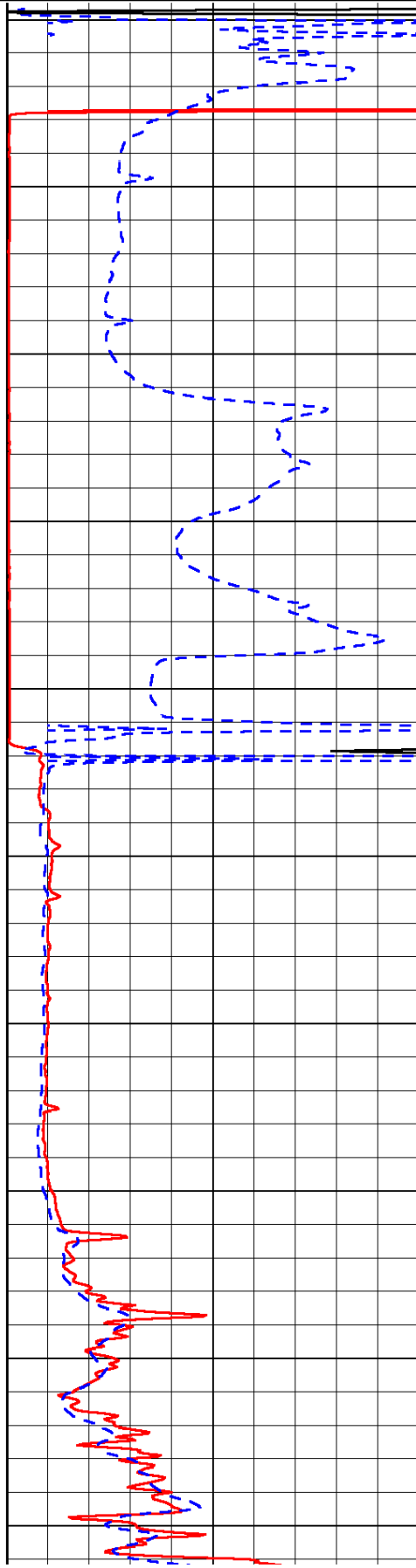
Riga, North to Dead End (A RD) 1 3/4 West to 360th RD, 1 1/4 North, West Into

Database File: c:\warrior\data\murfin_joan no. 1-29\murfhd.db
Dataset Pathname: dil\murfstck
Presentation Format: dil2in
Dataset Creation: Wed May 05 06:40:42 2010
Charted by: Depth in Feet scaled 1:600

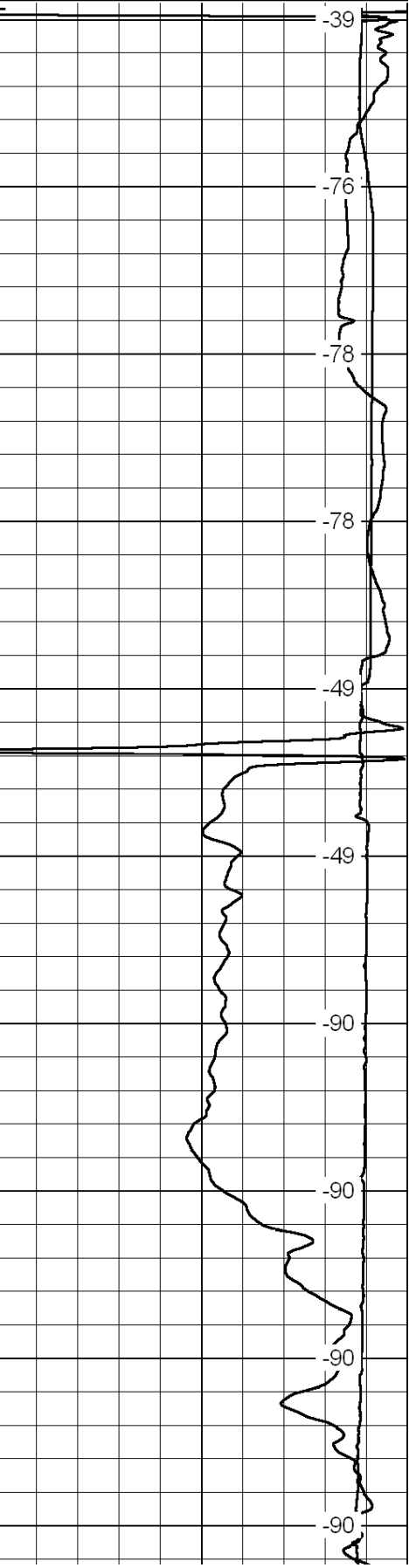
0	Gamma Ray	150
-200	SP (mV)	0

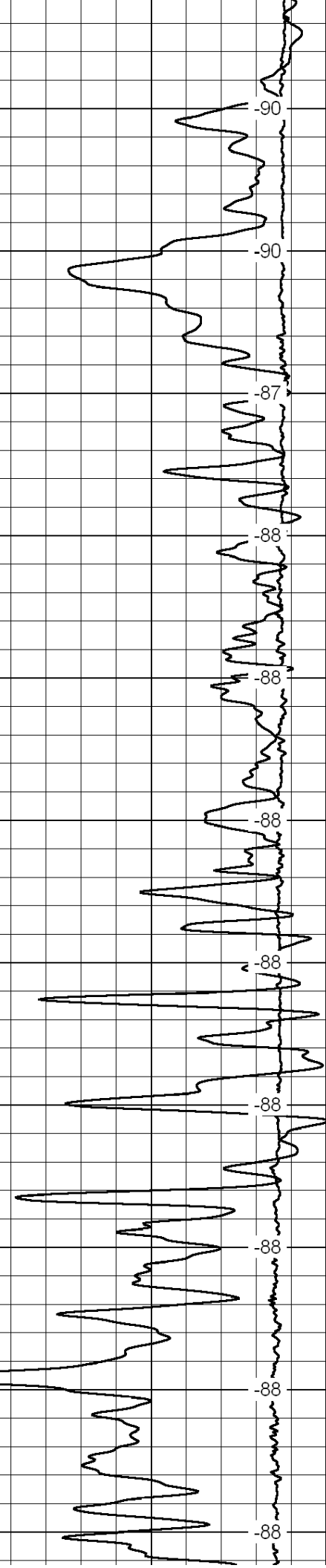
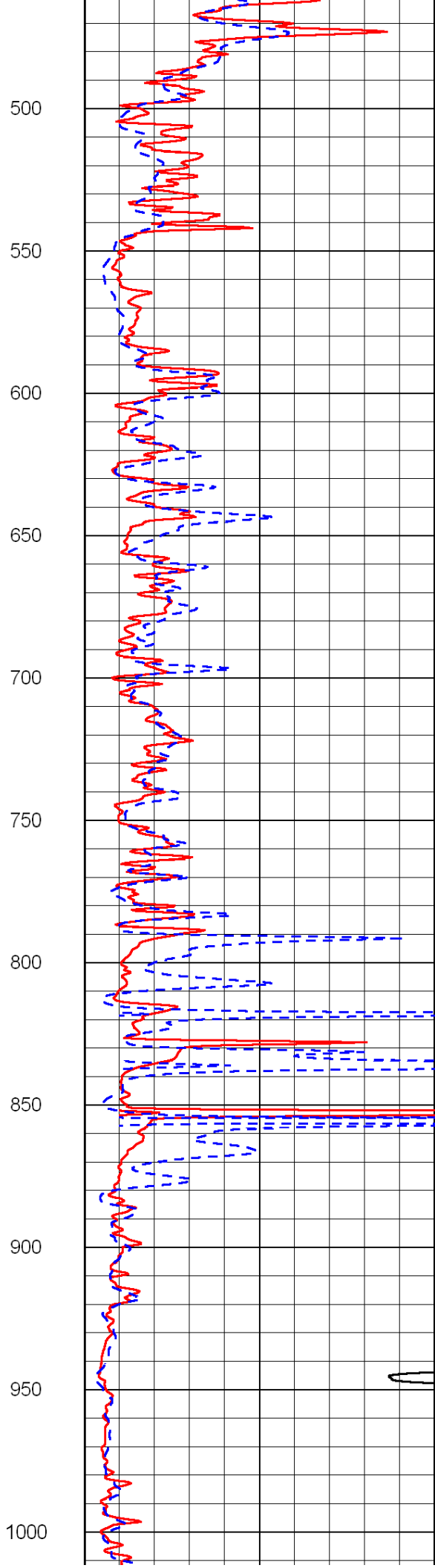
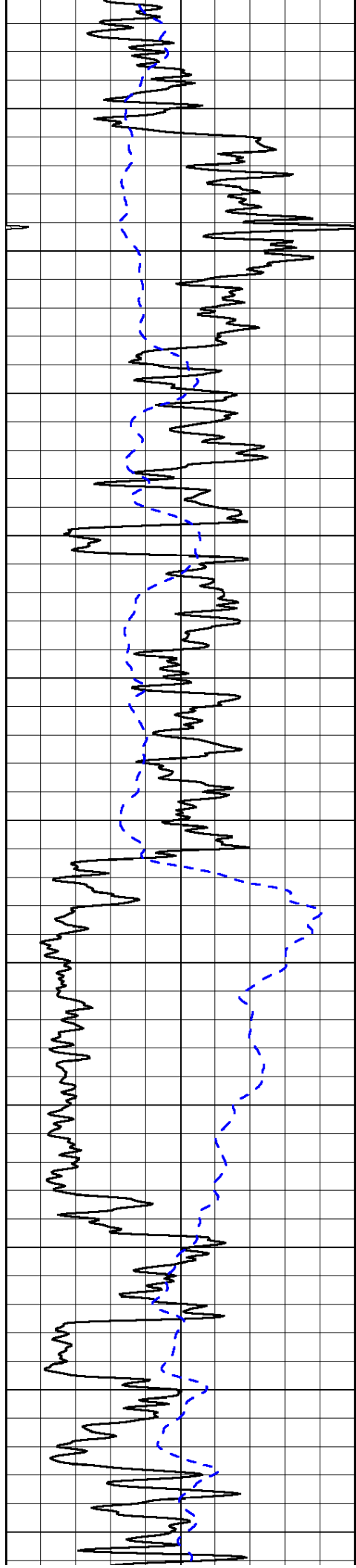


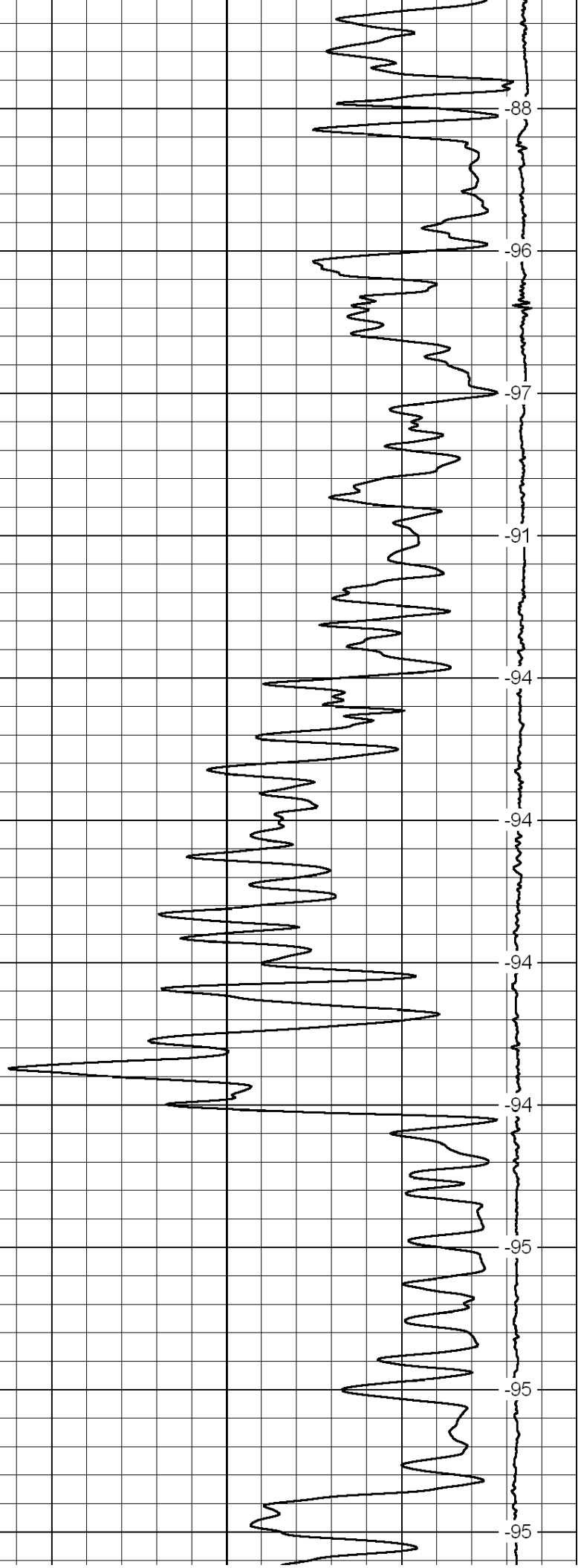
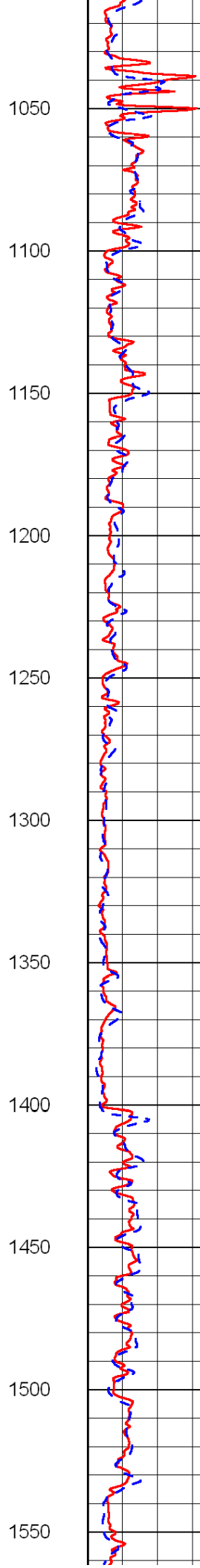
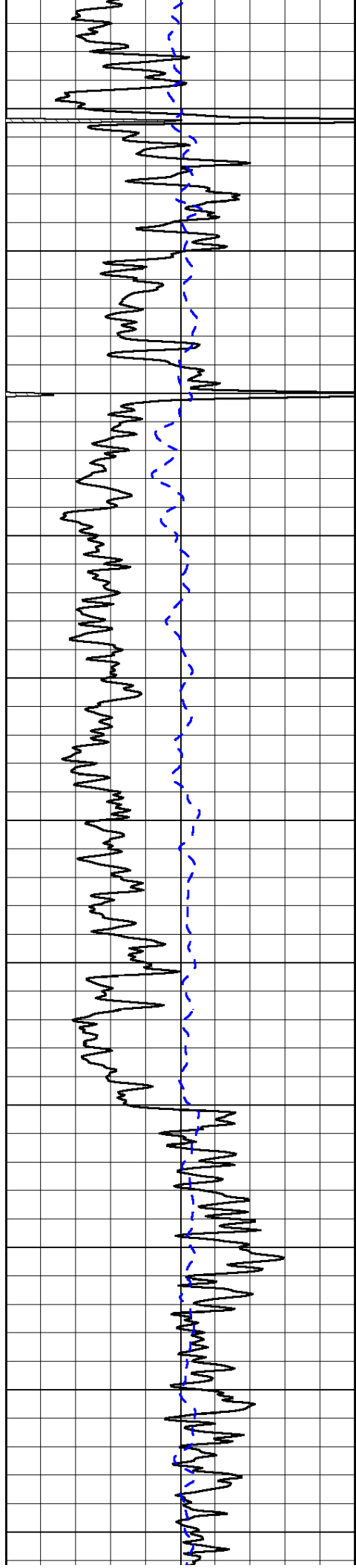
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

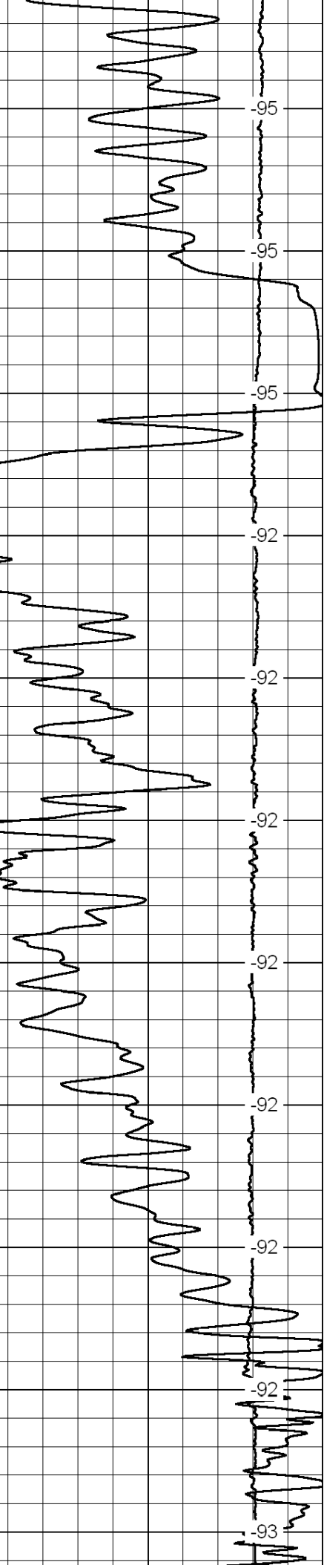
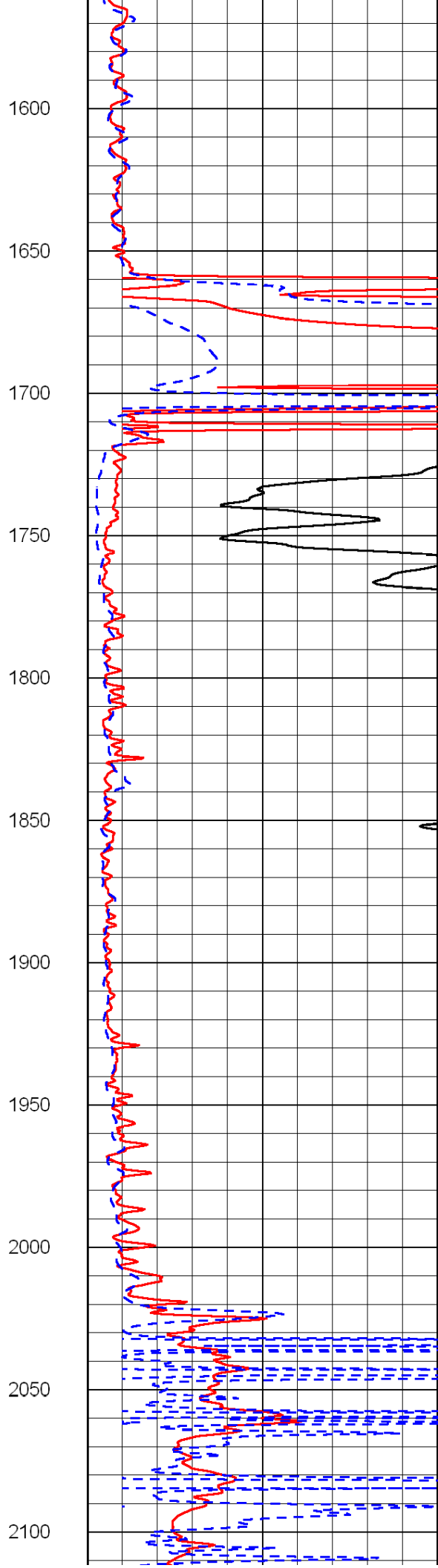
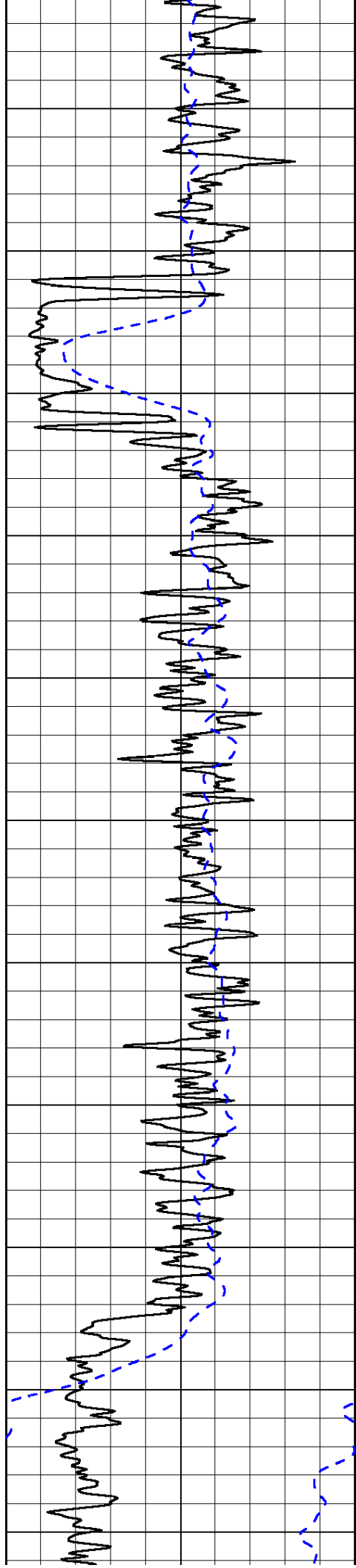


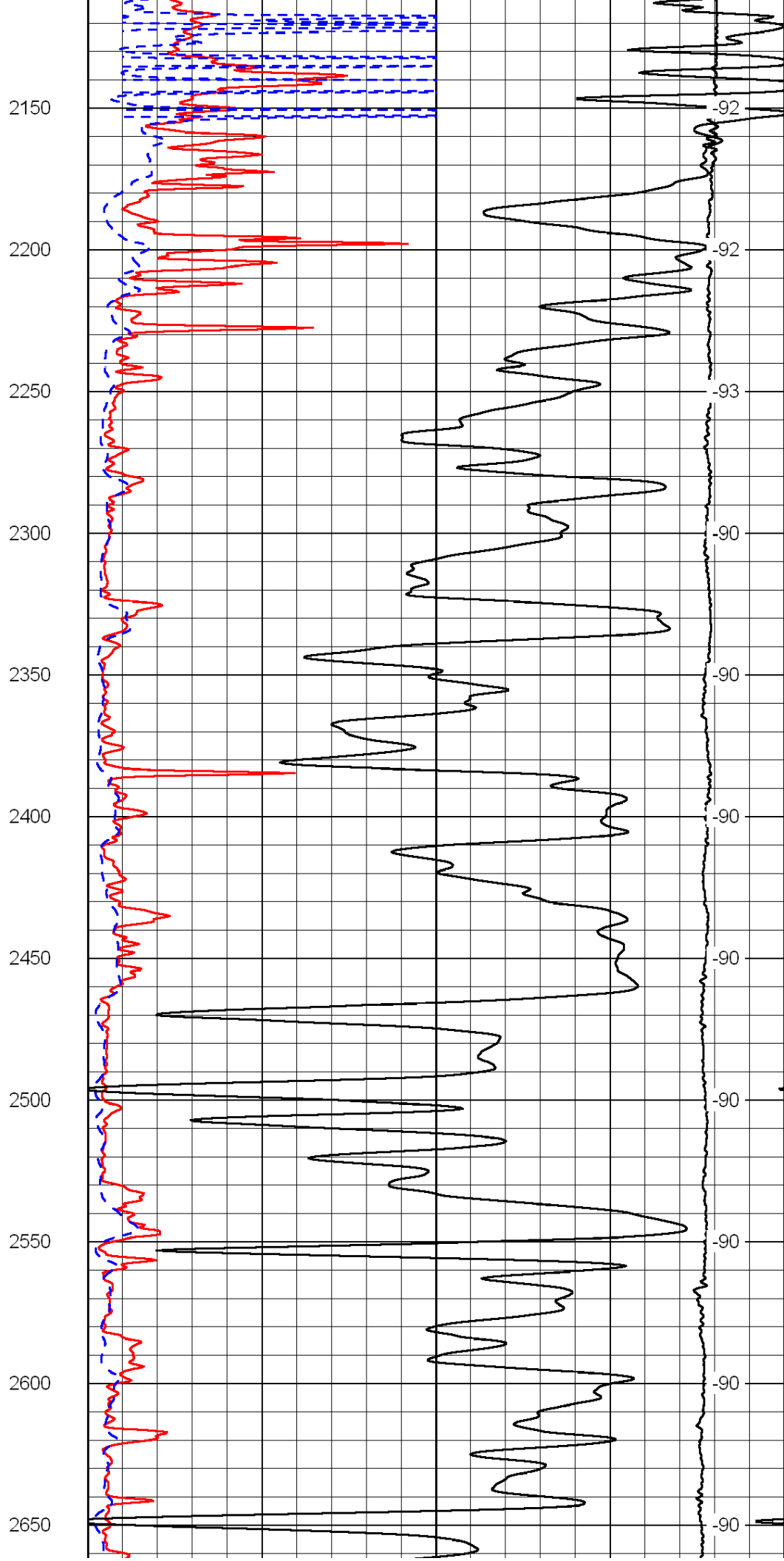
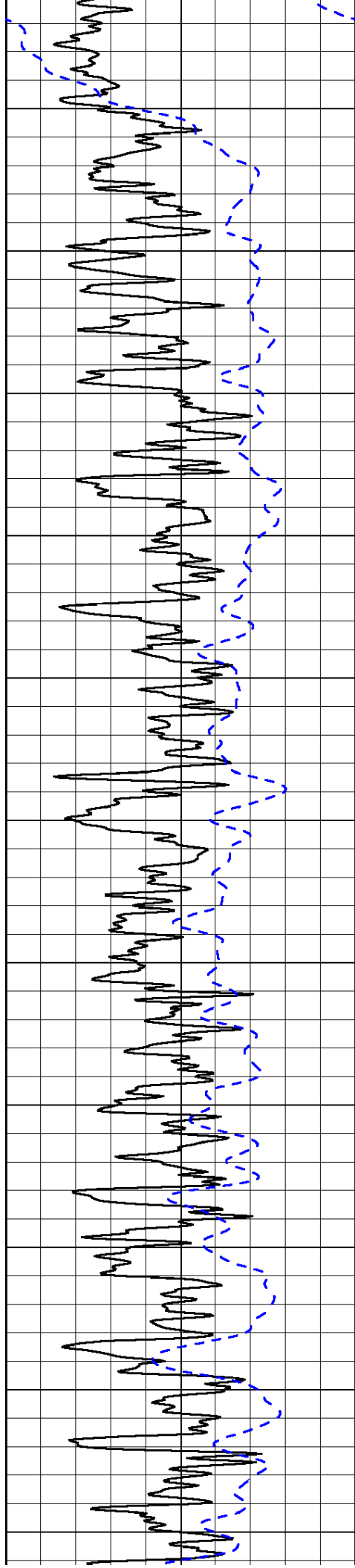
LSPD	0
------	---

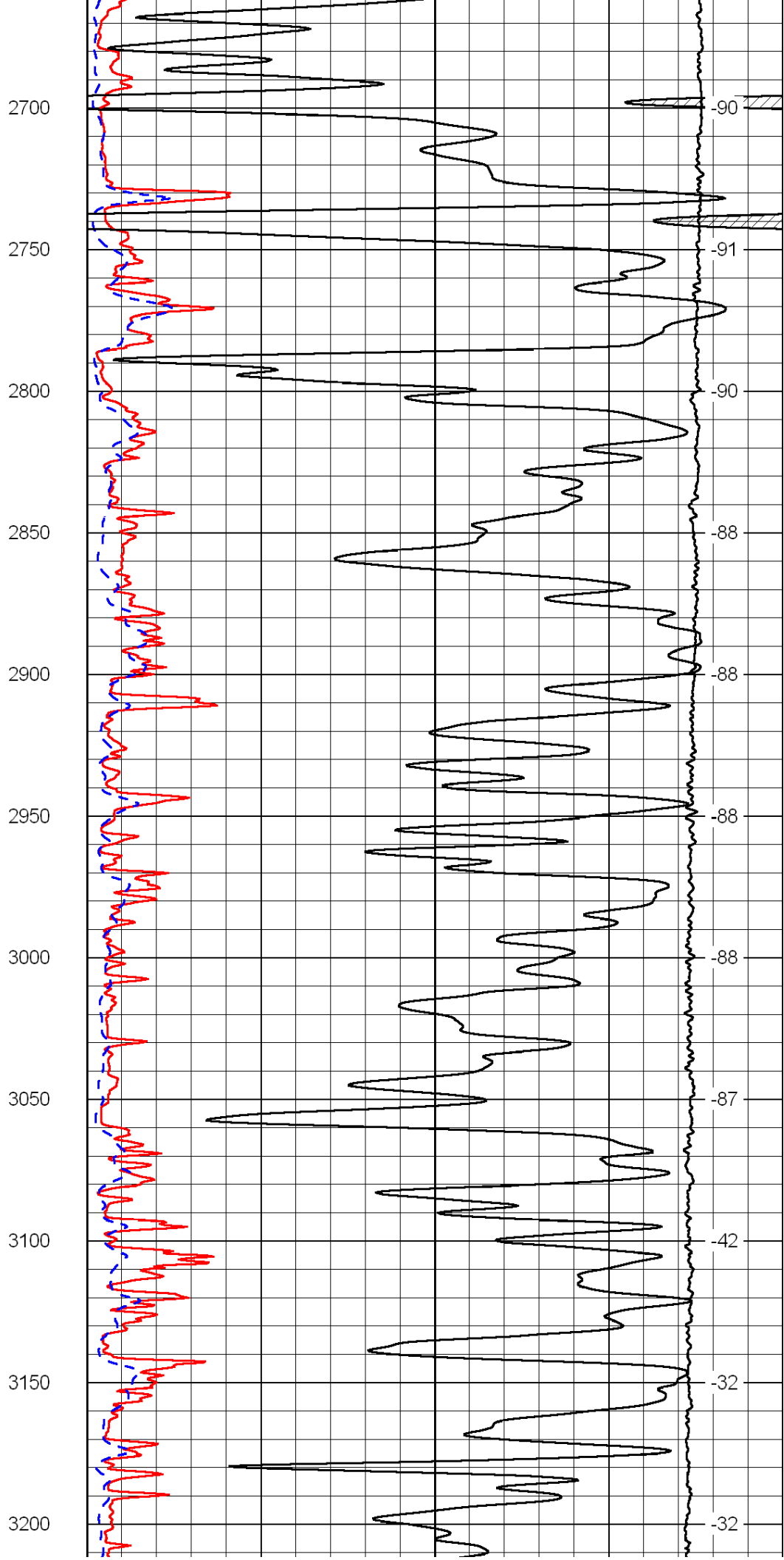
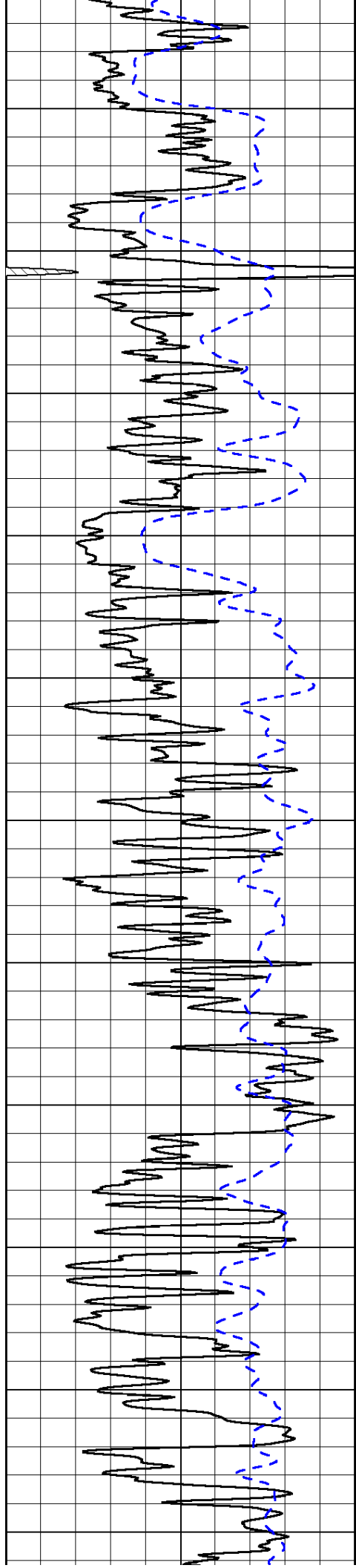


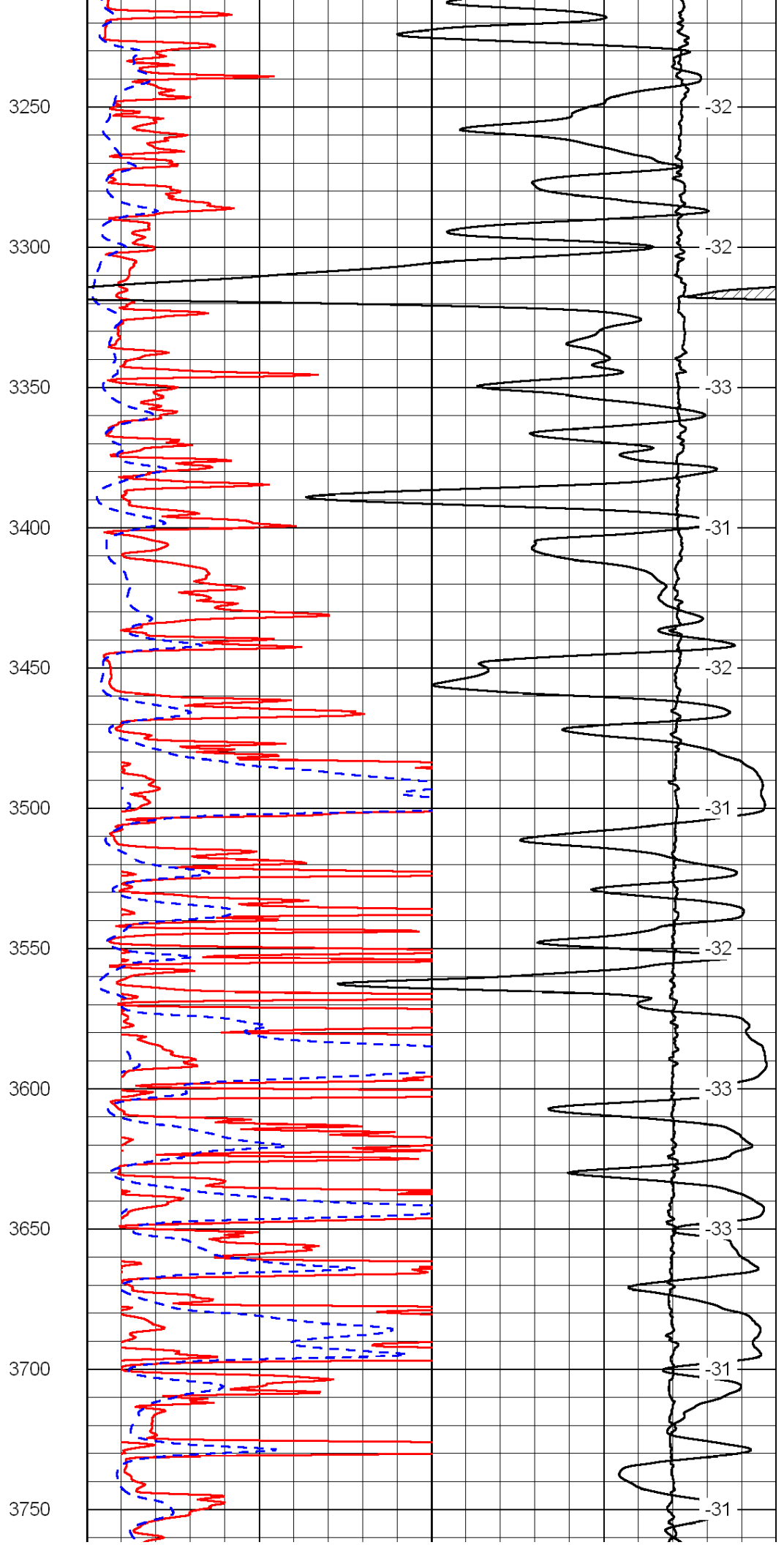
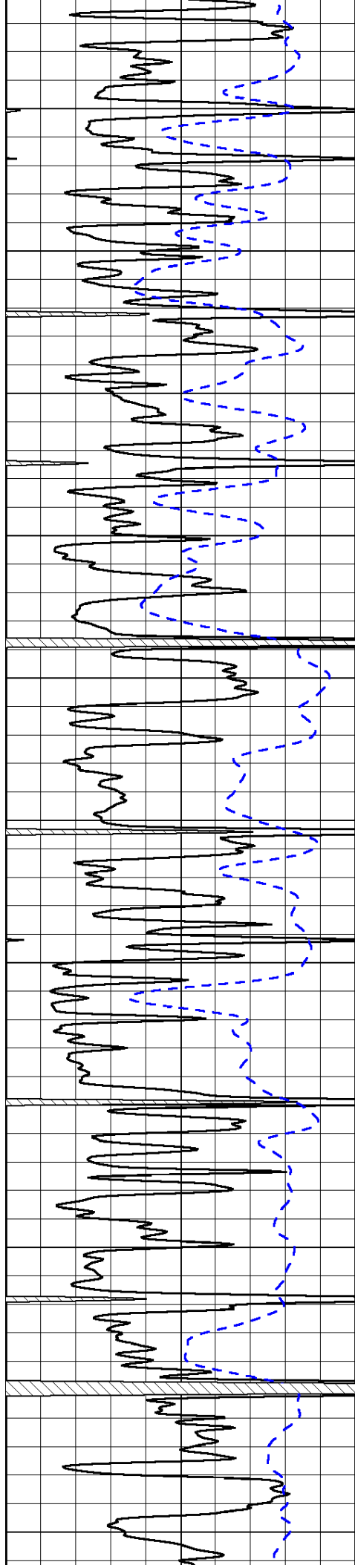


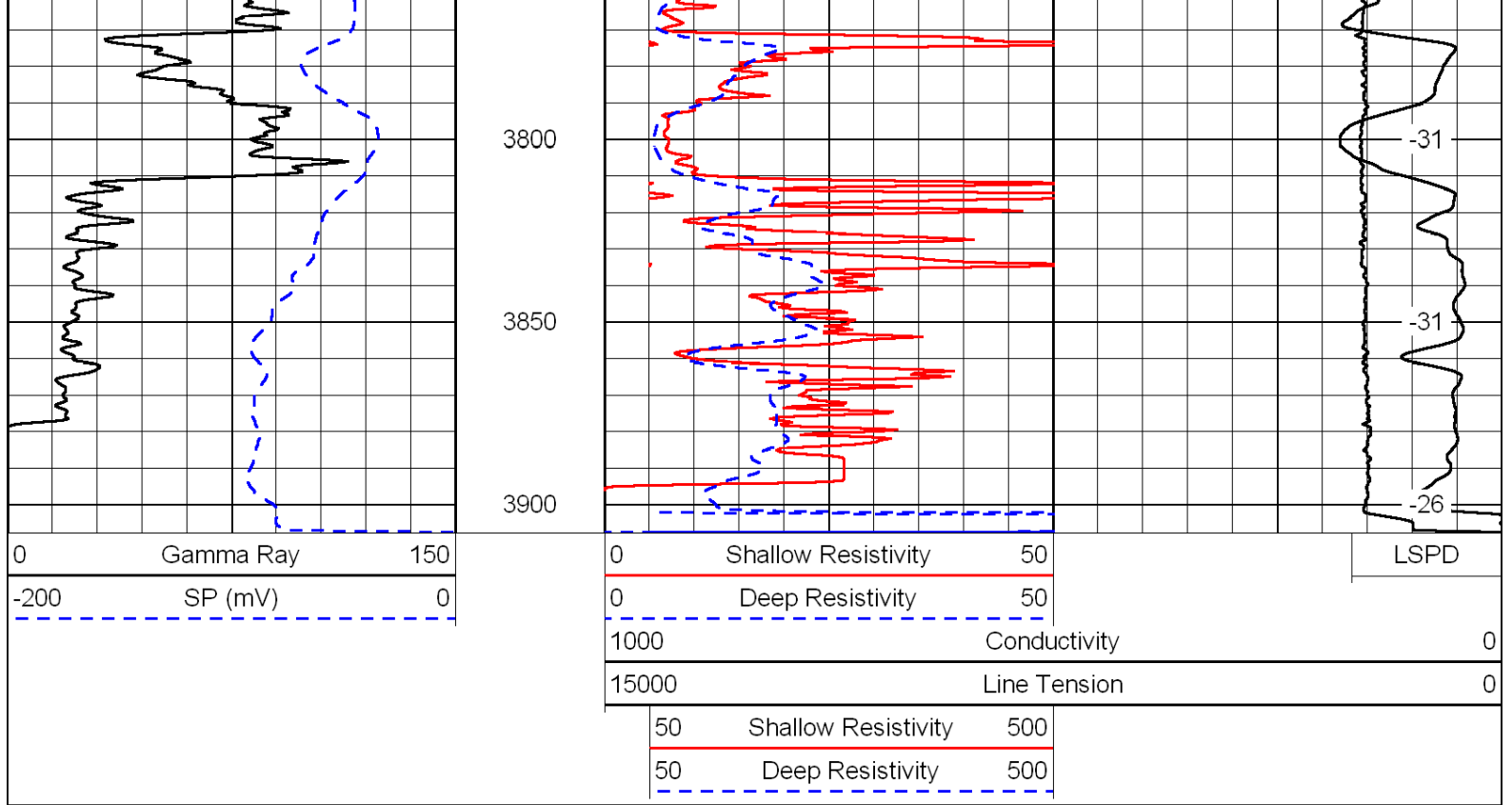




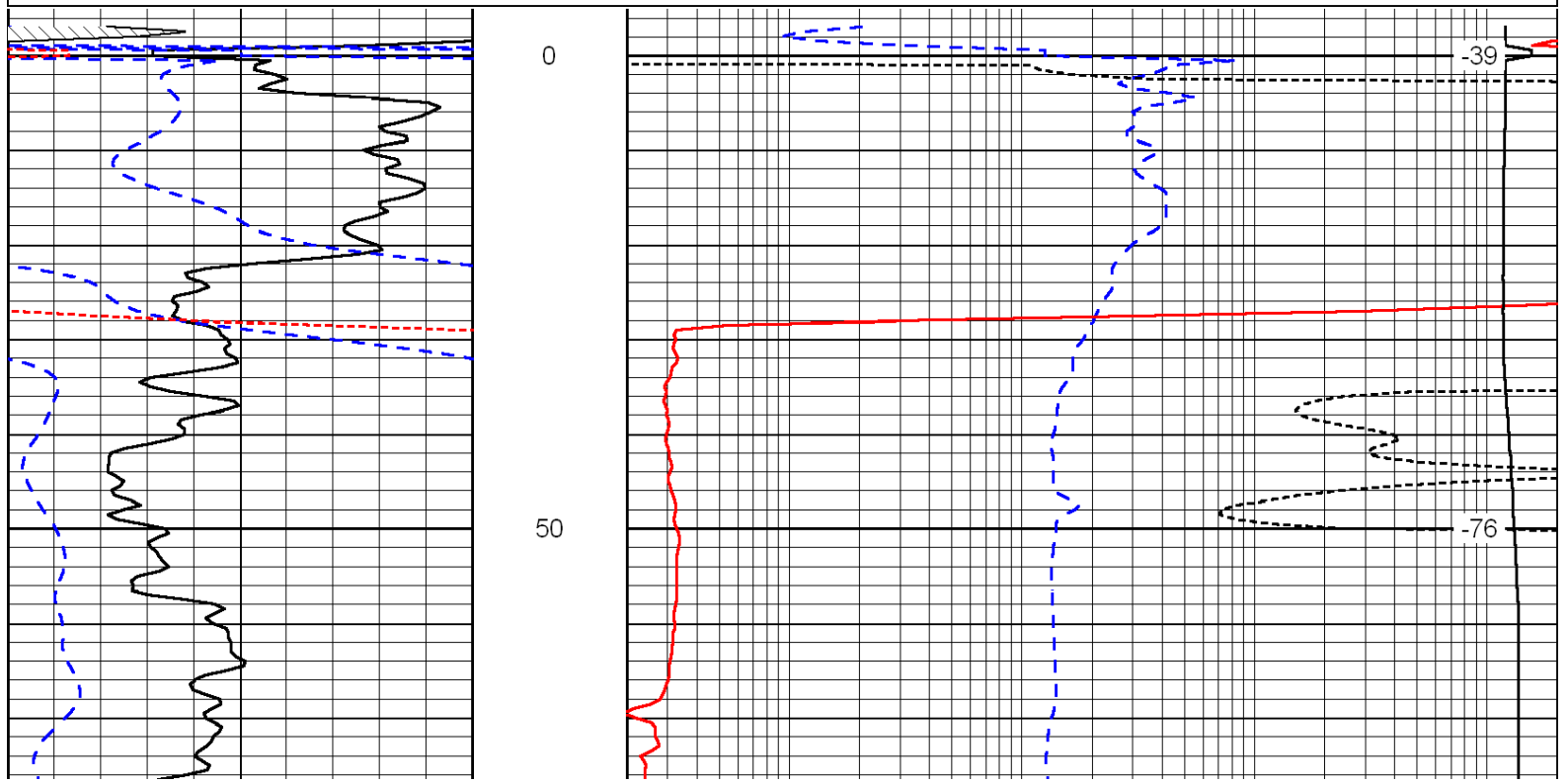
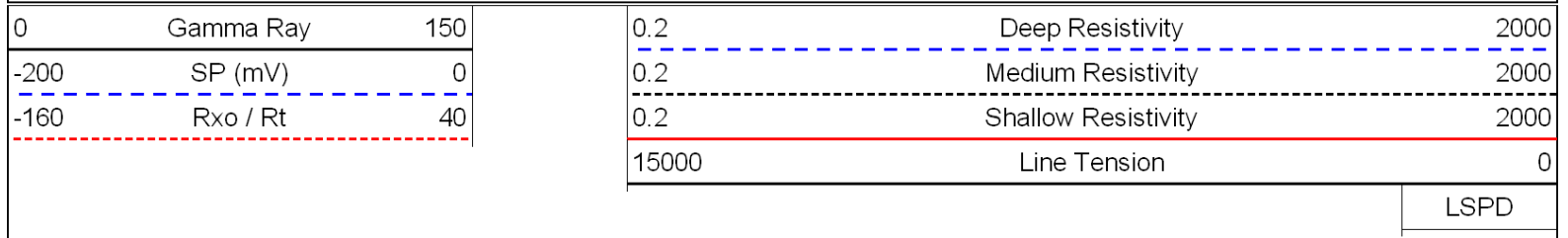


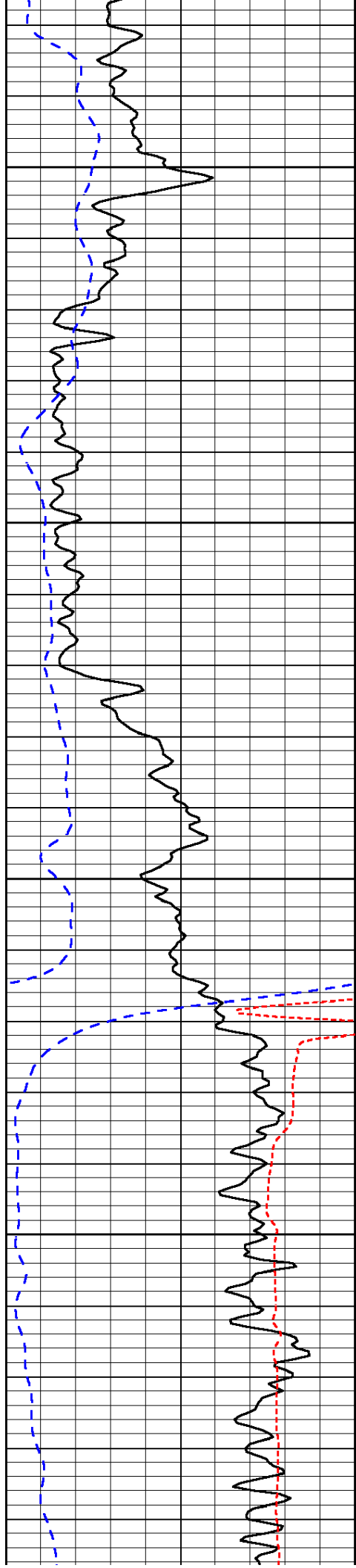






Database File: c:\warrior\data\murfin_joan no. 1-29\murfhd.db
 Dataset Pathname: dil/murfstck
 Presentation Format: dil
 Dataset Creation: Wed May 05 06:40:42 2010
 Charted by: Depth in Feet scaled 1:240



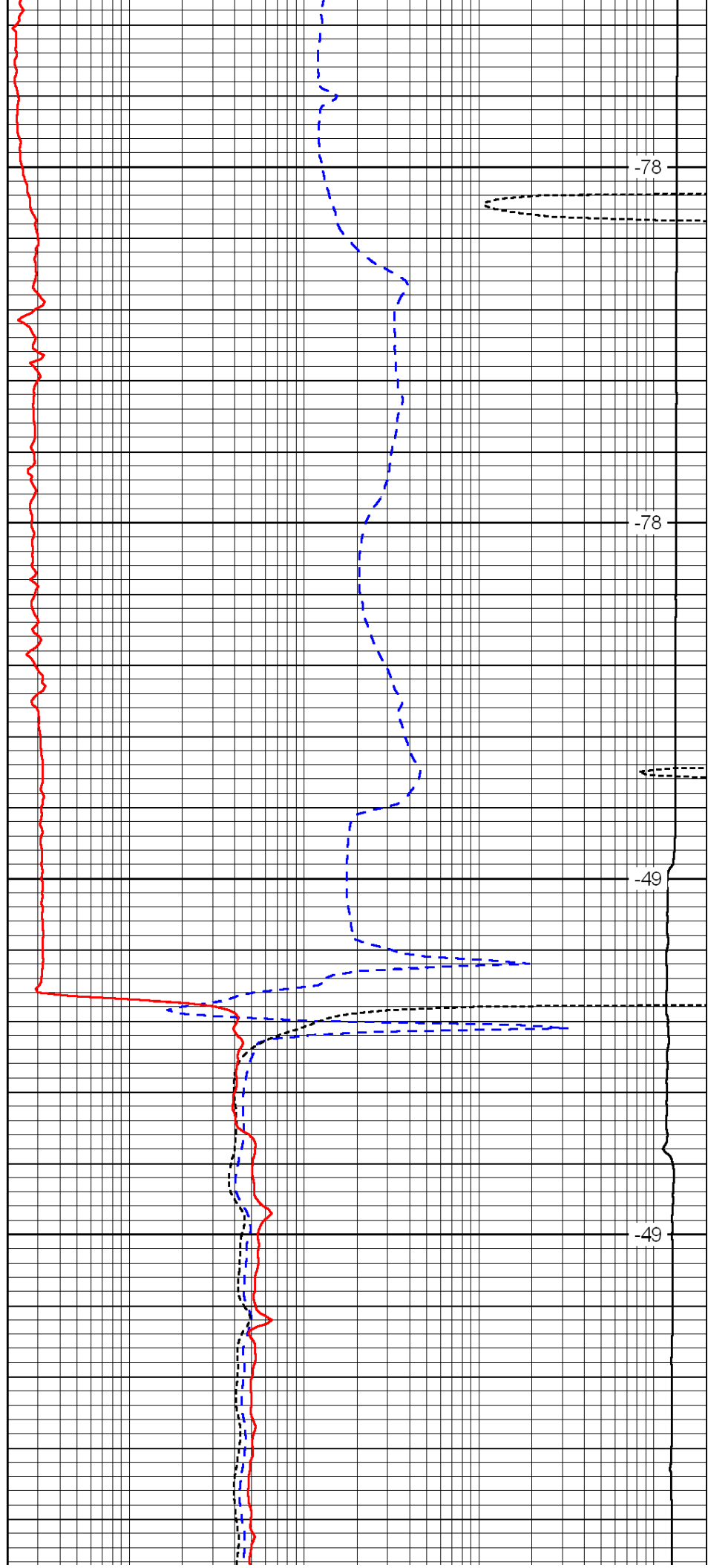


100

150

200

250

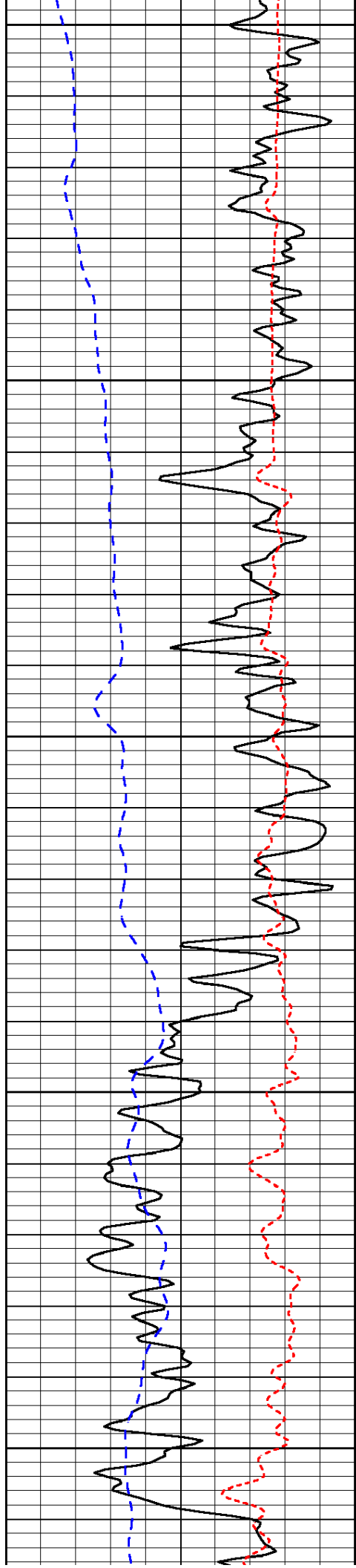


-78

-78

-49

-49



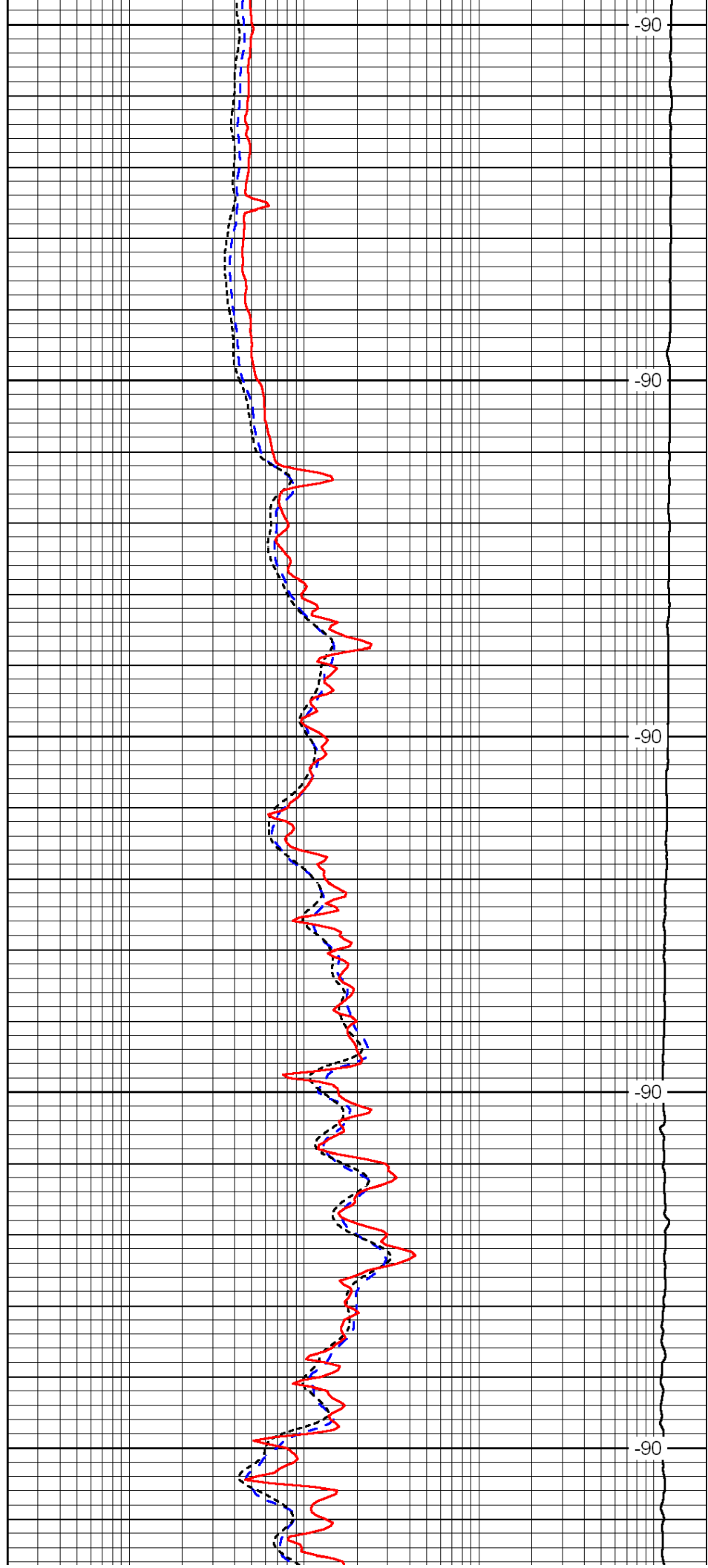
300

350

400

450

500



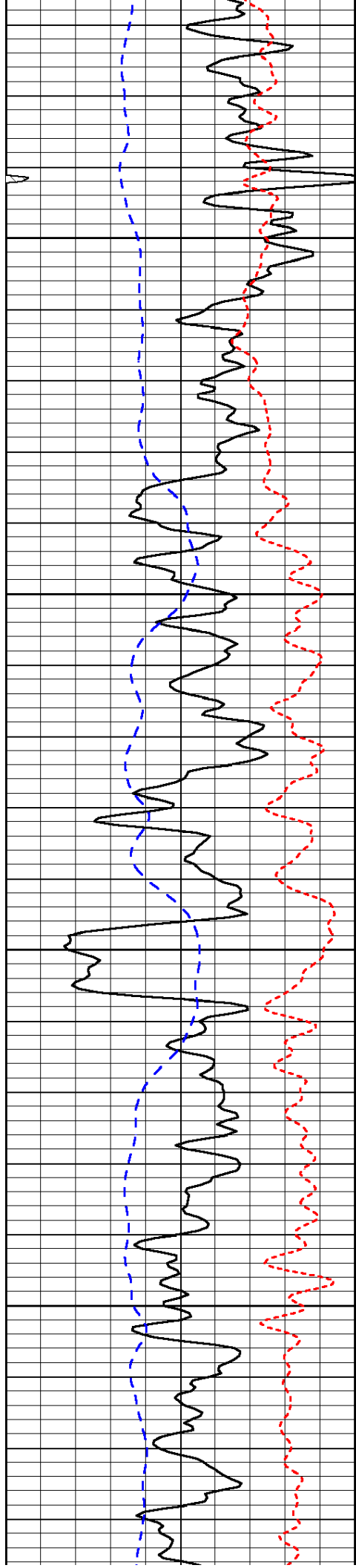
-90

-90

-90

-90

-90

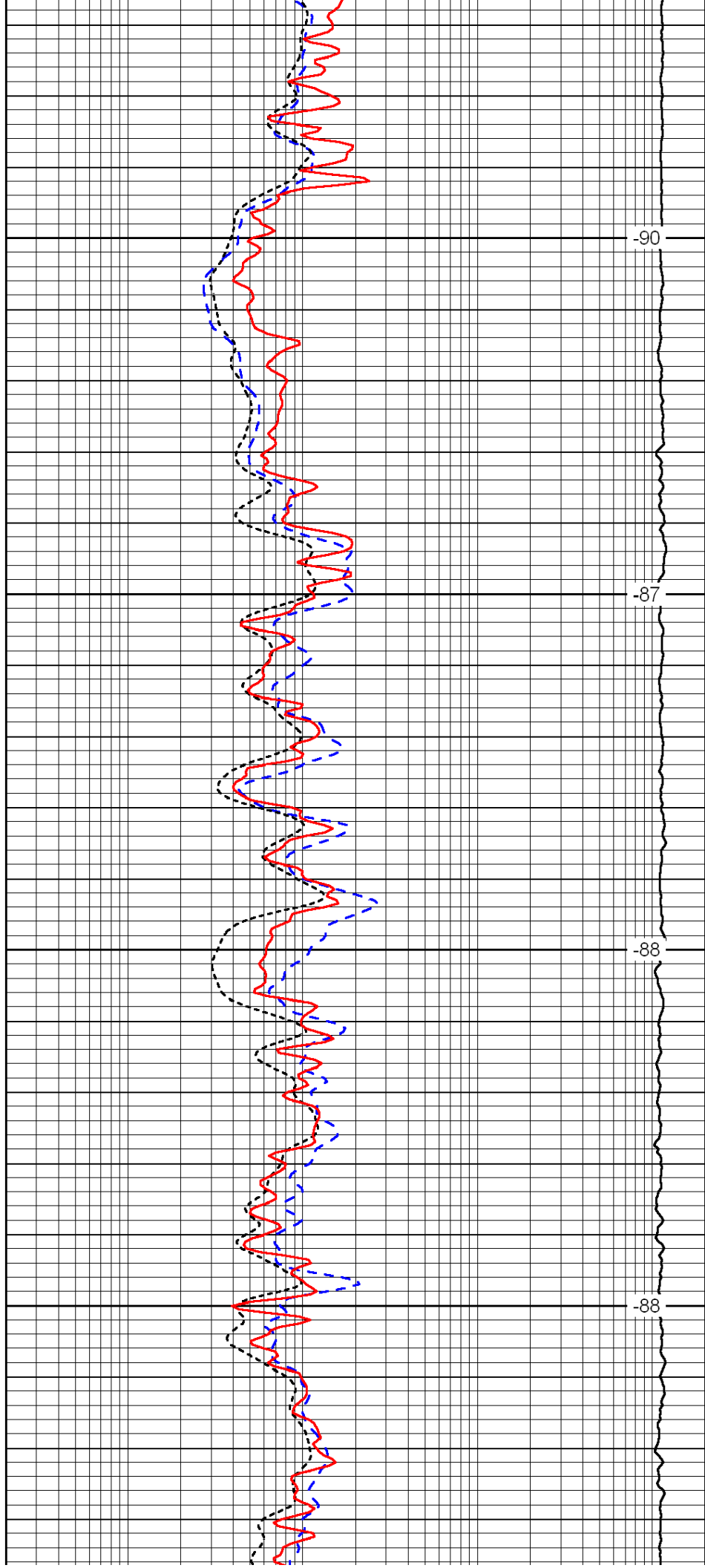


550

600

650

700

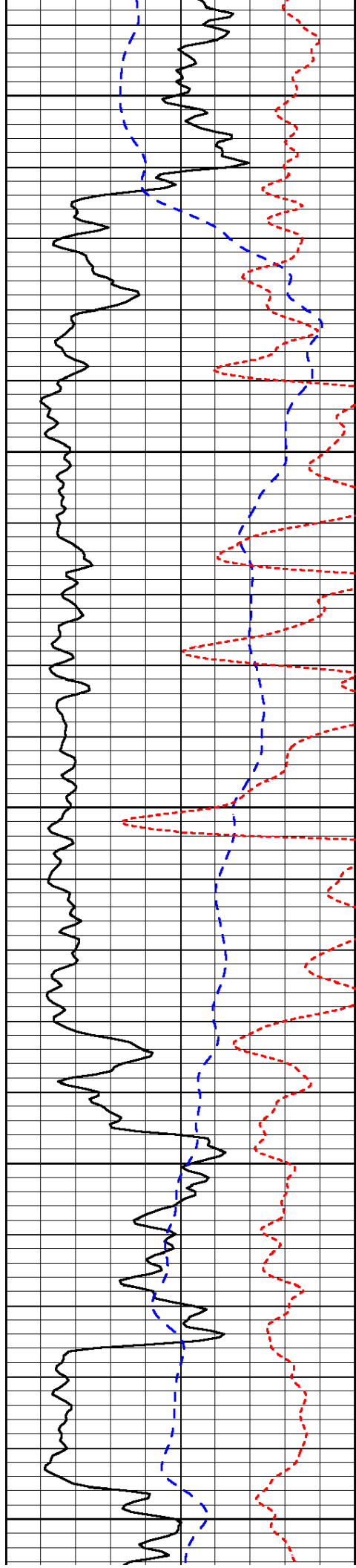


-90

-87

-88

-88



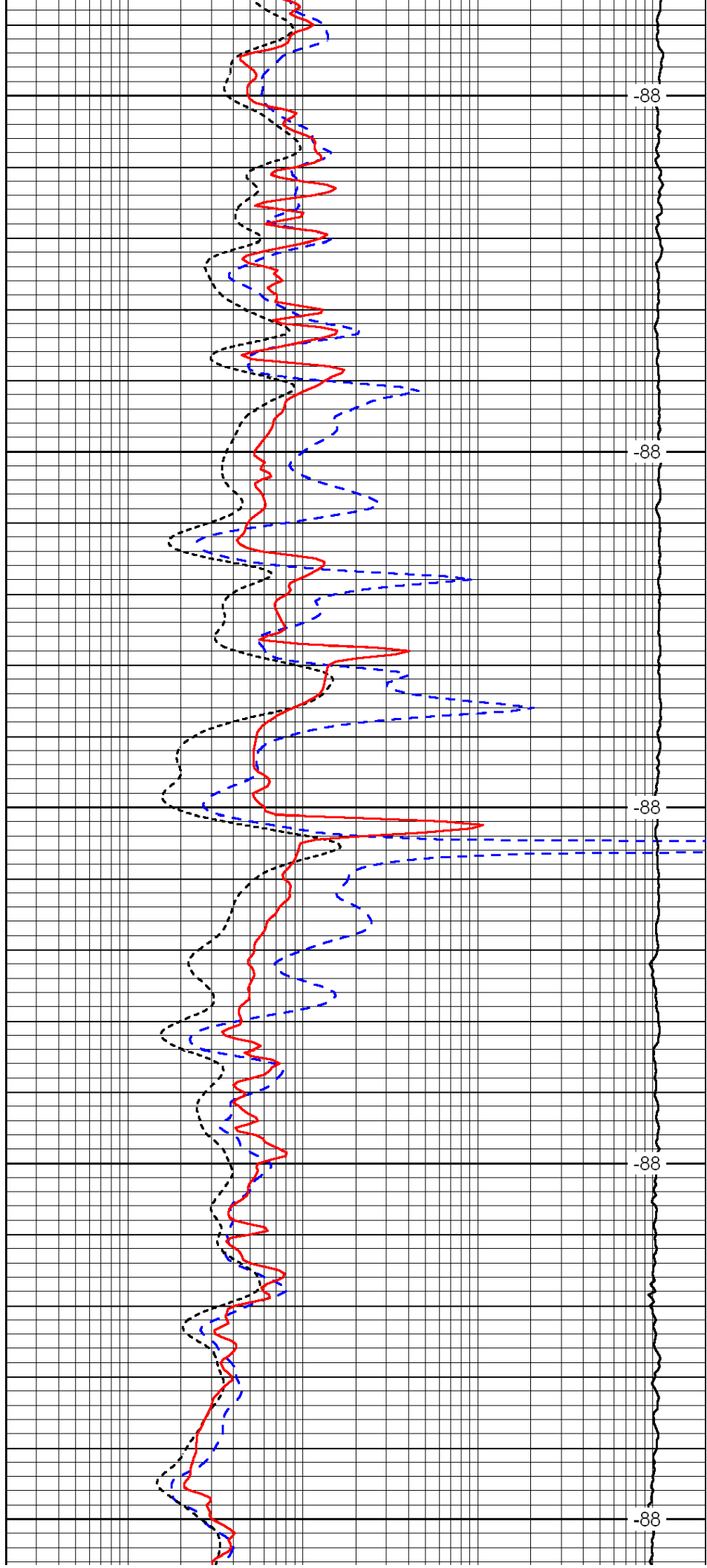
750

800

850

900

950



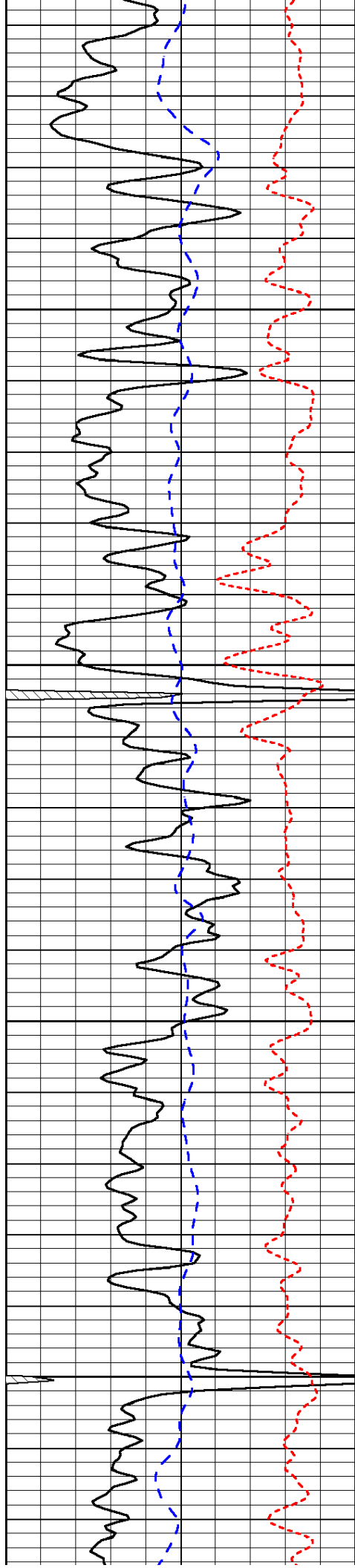
-88

-88

-88

-88

-88

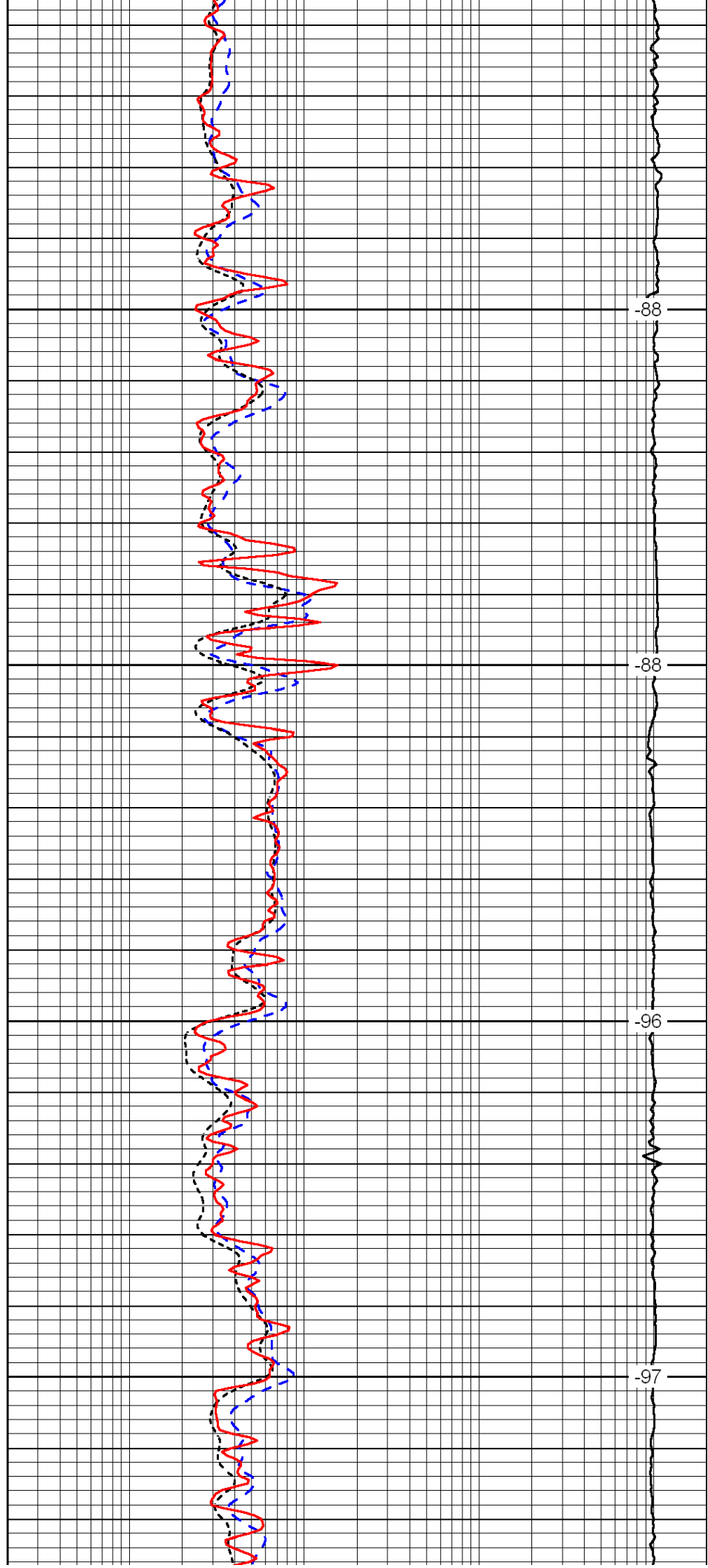


1000

1050

1100

1150

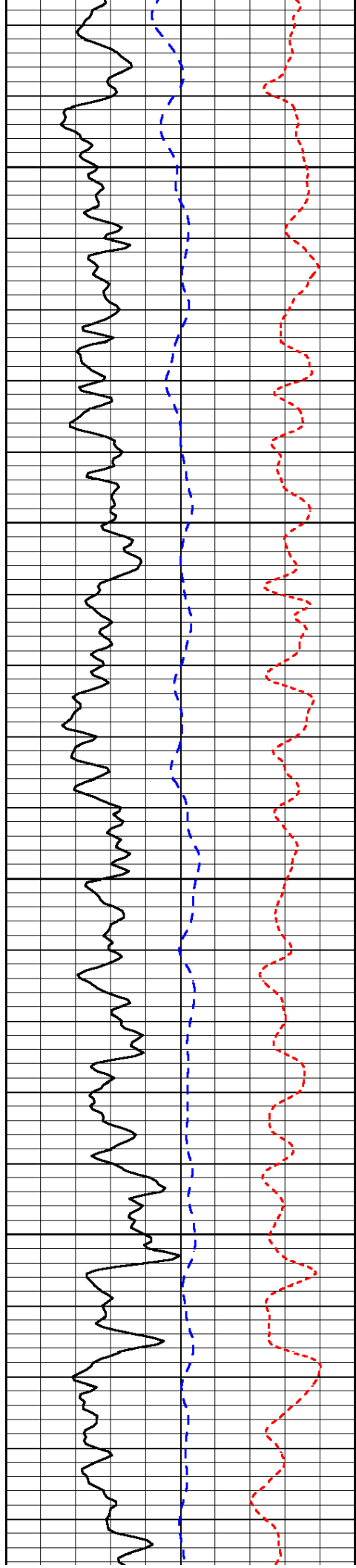


-88

-88

-96

-97

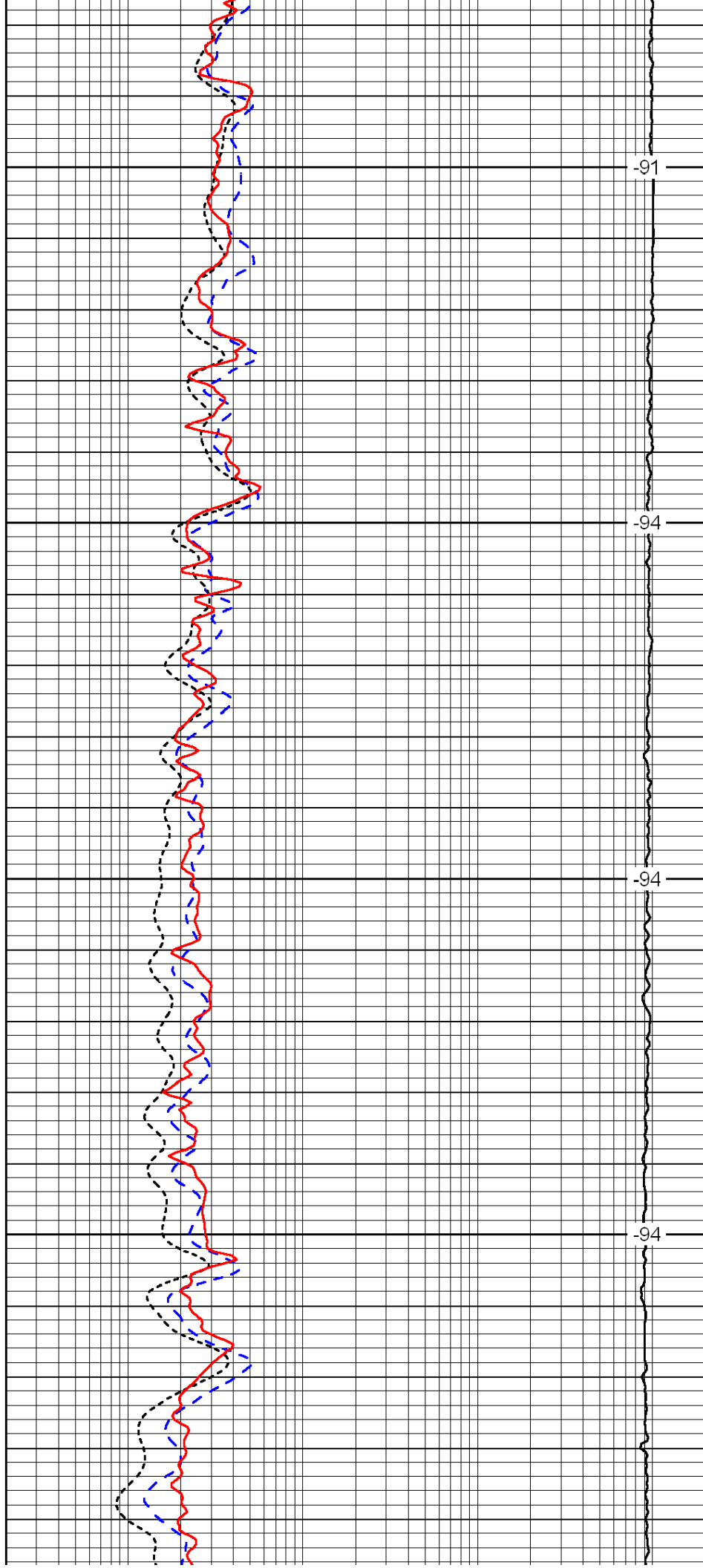


1200

1250

1300

1350

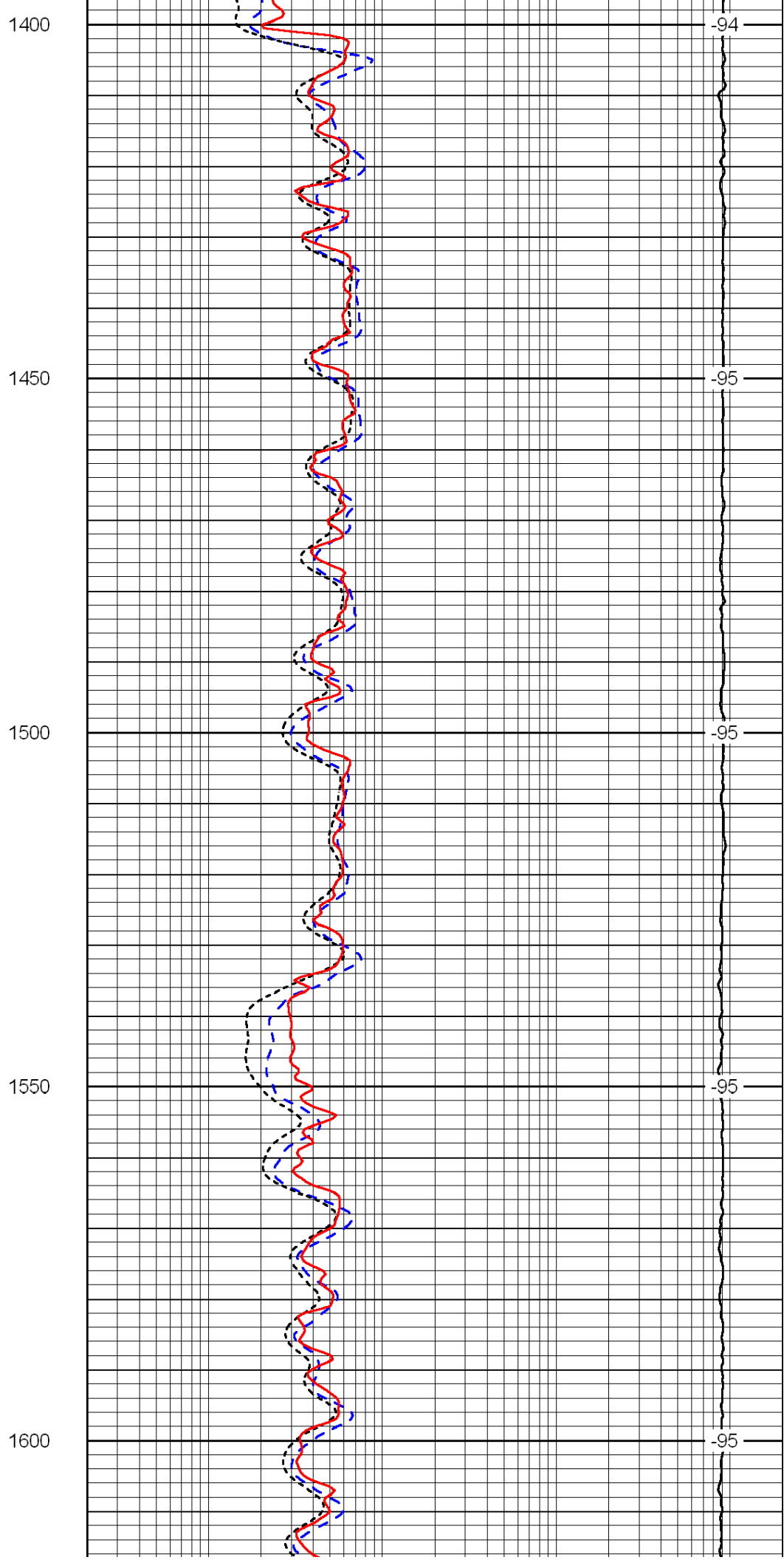
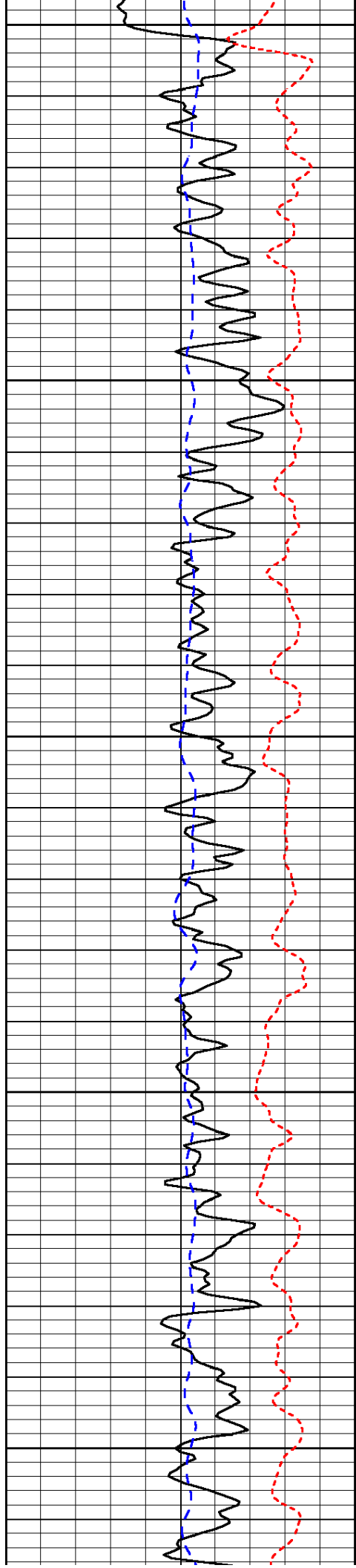


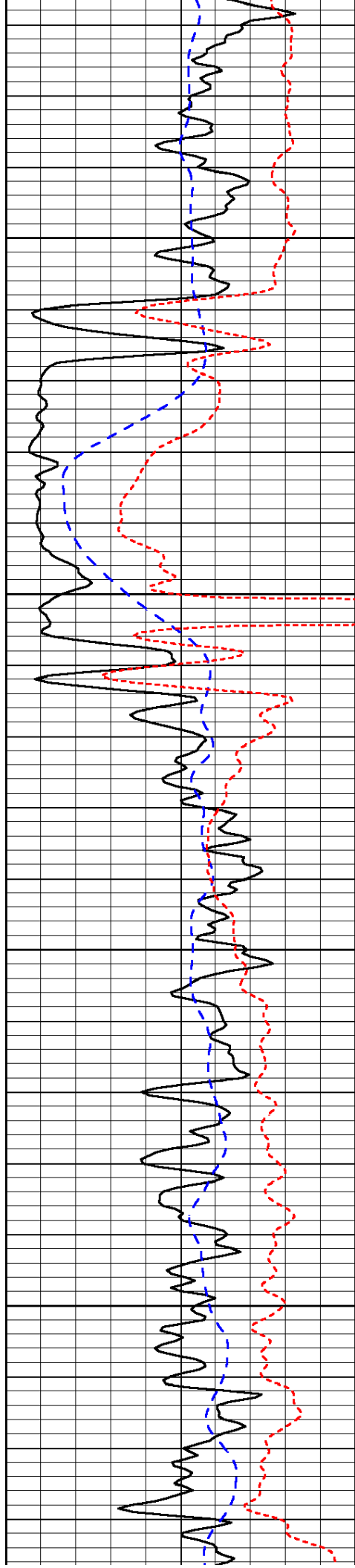
-91

-94

-94

-94



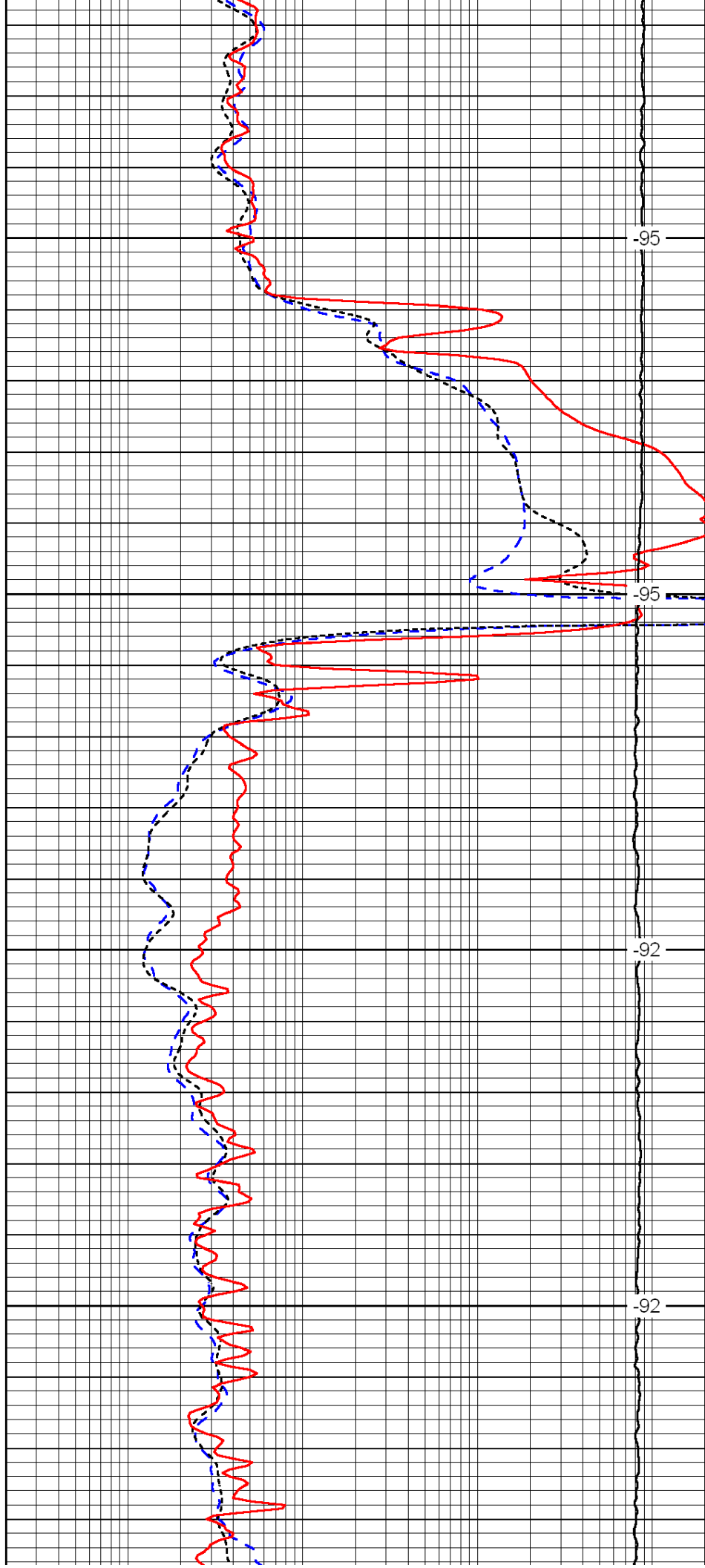


1650

1700

1750

1800

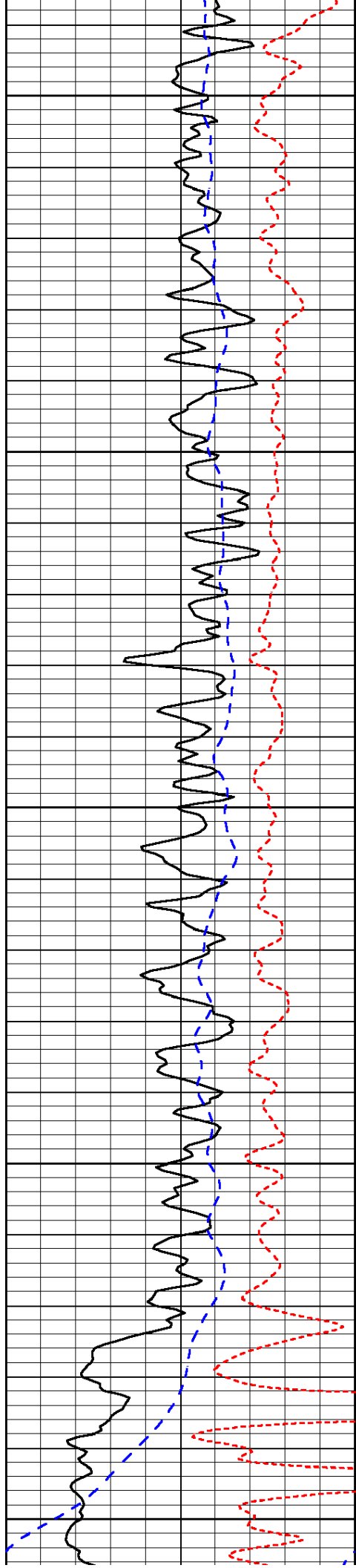


-95

-95

-92

-92



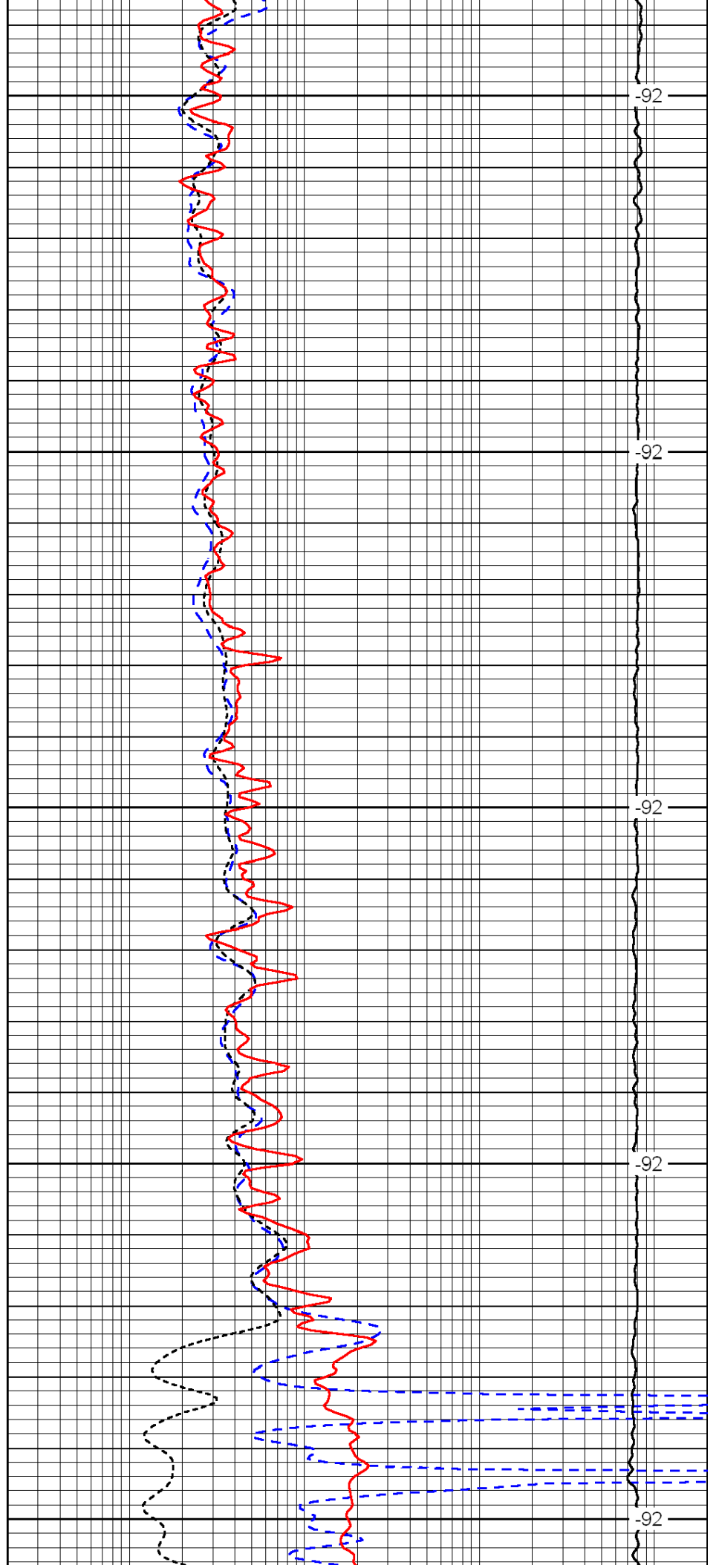
1850

1900

1950

2000

2050



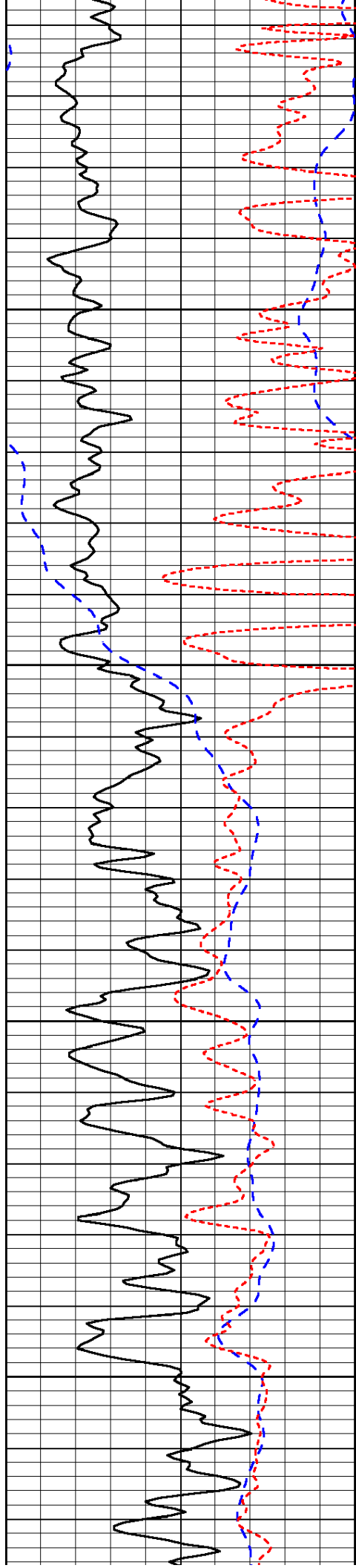
-92

-92

-92

-92

-92

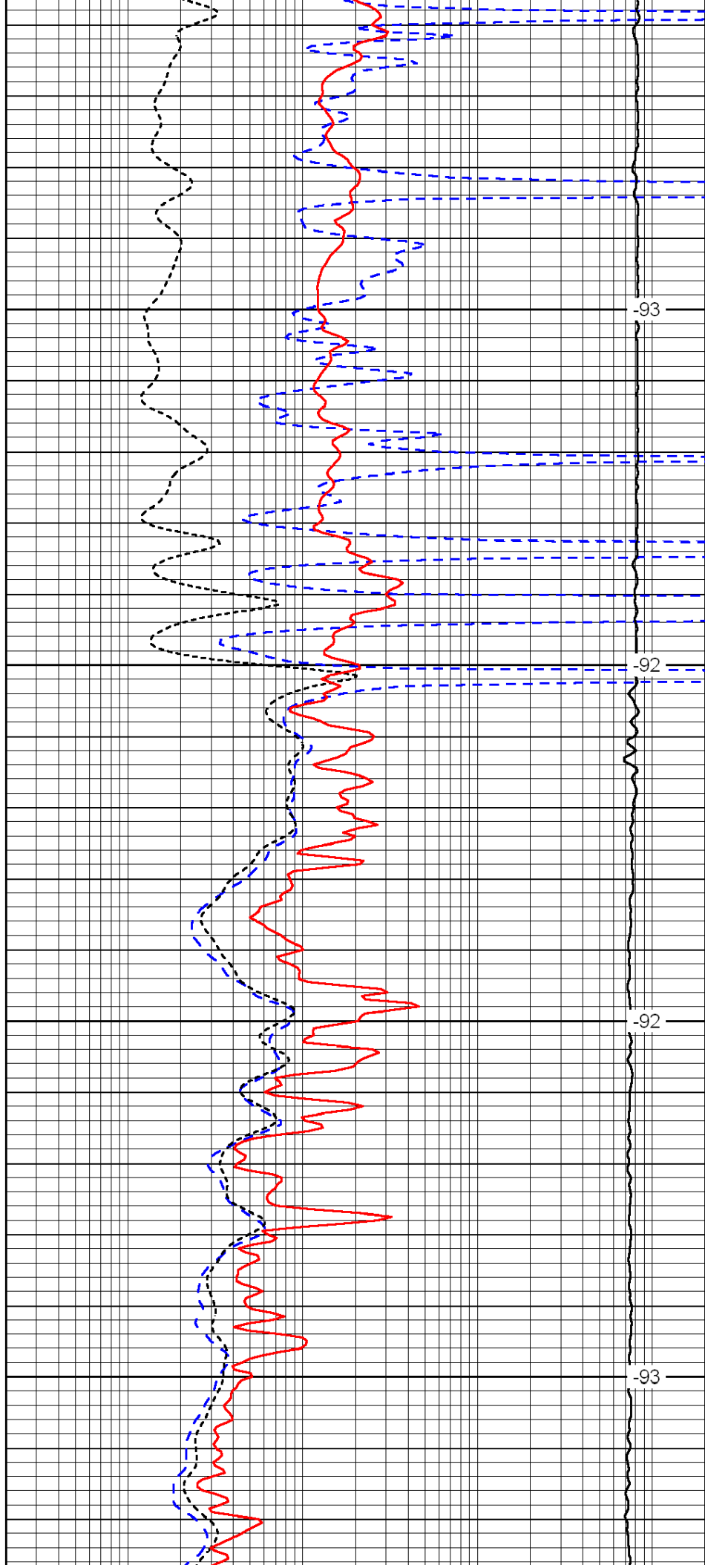


2100

2150

2200

2250

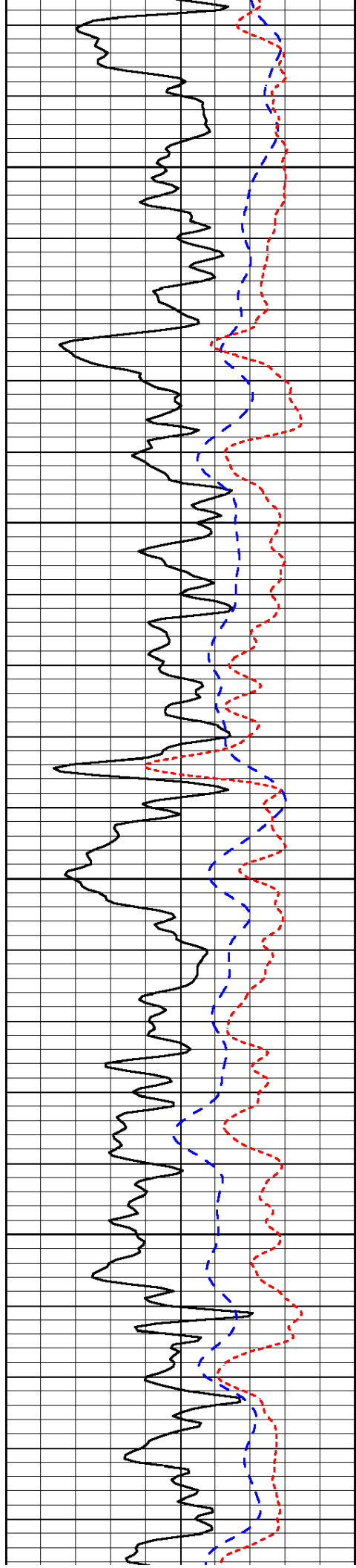


-93

-92

-92

-93

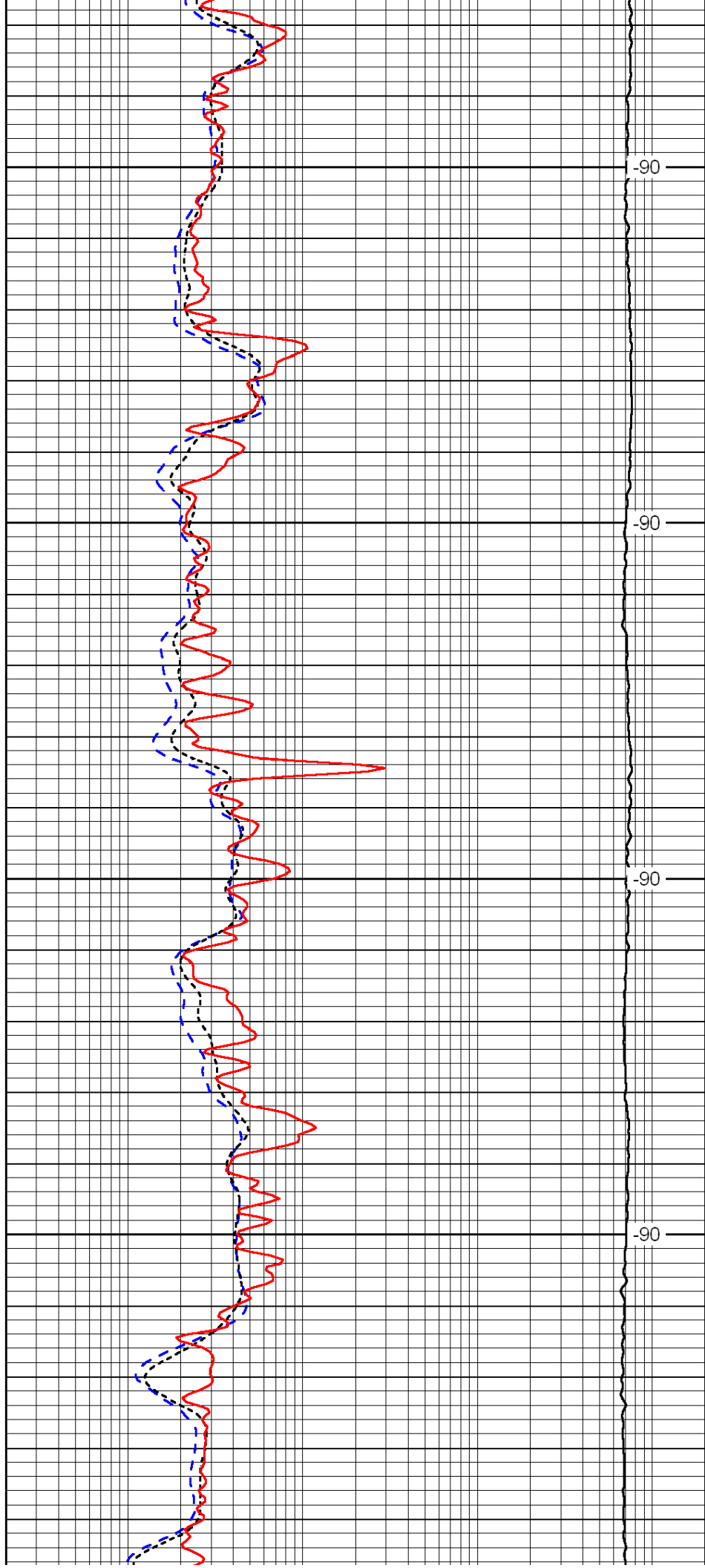


2300

2350

2400

2450

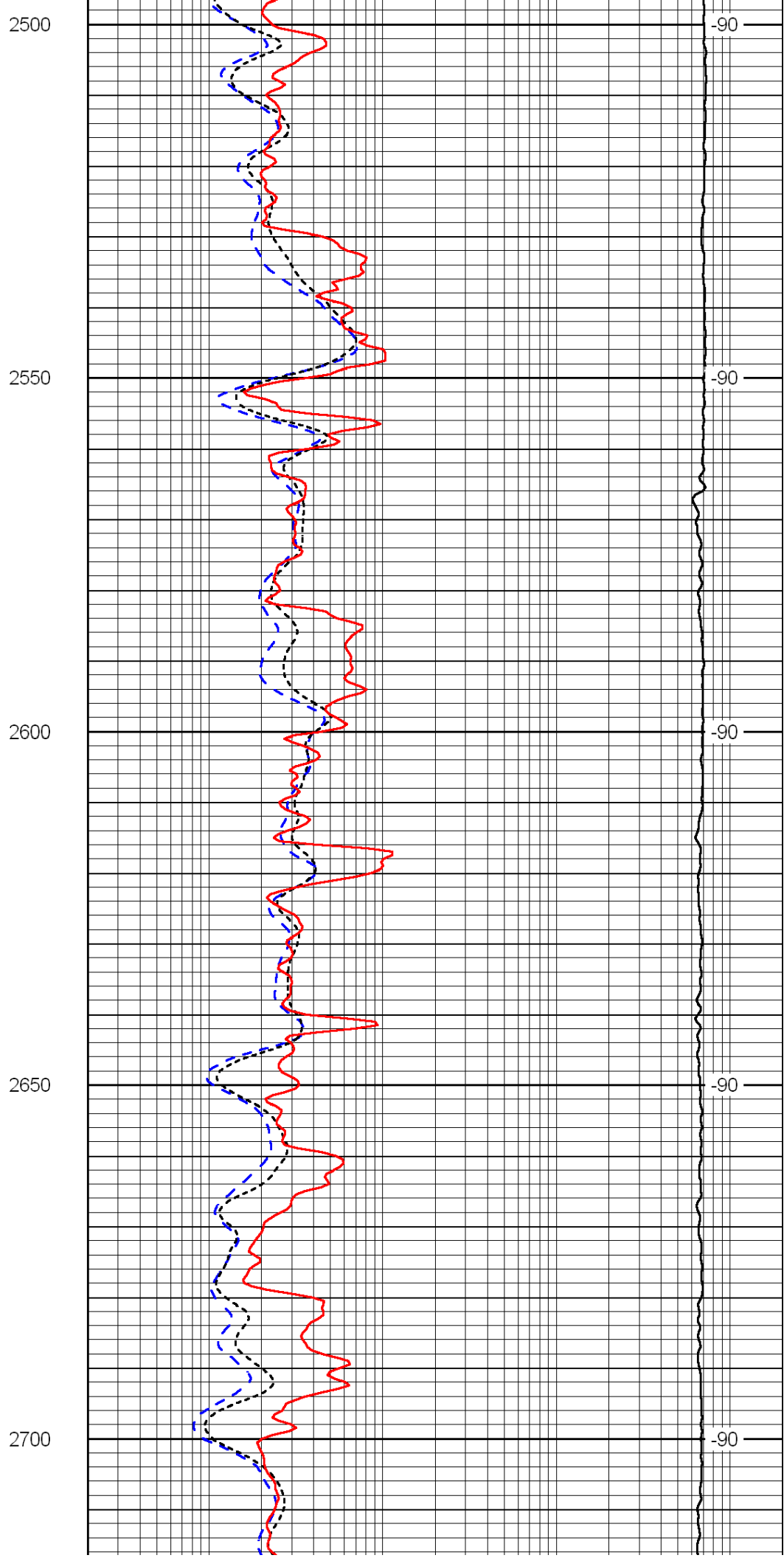
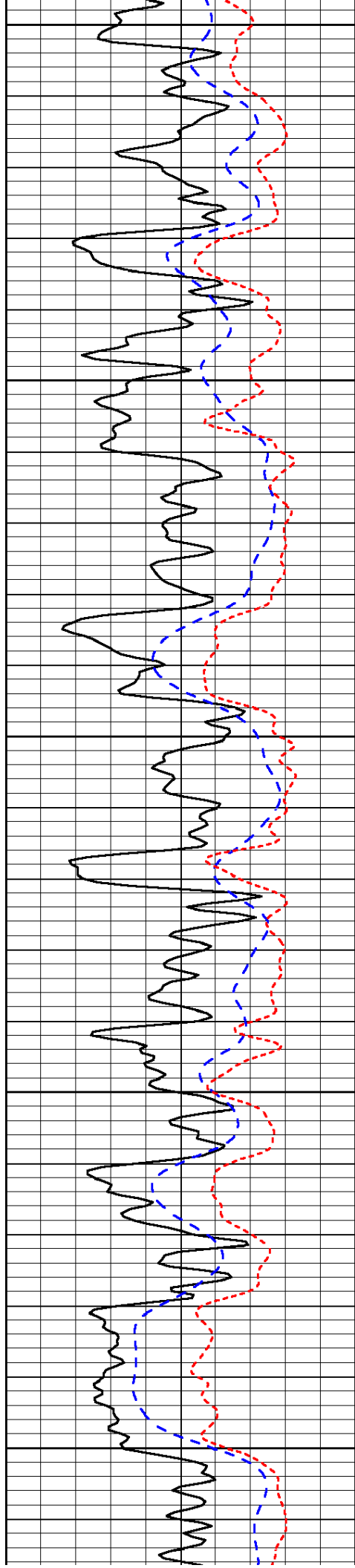


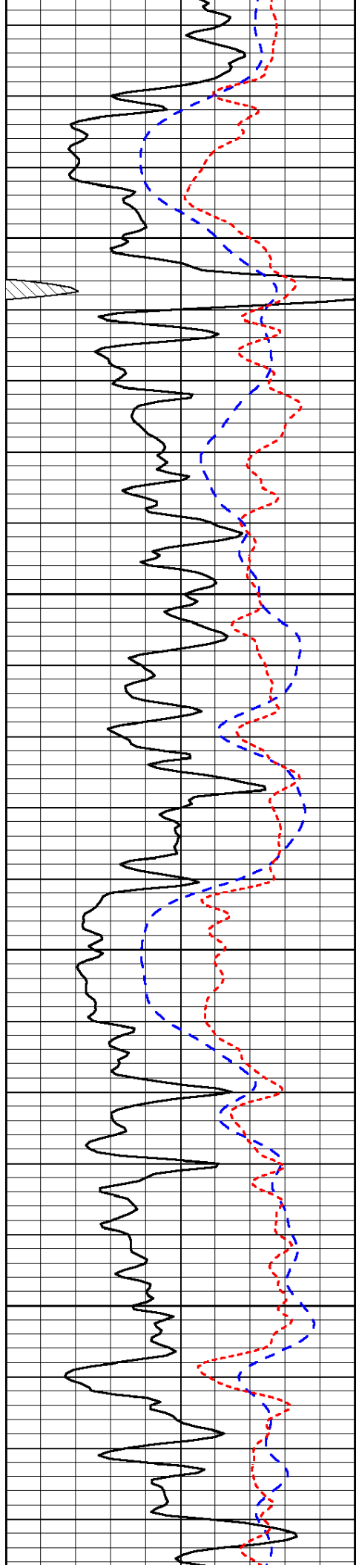
-90

-90

-90

-90



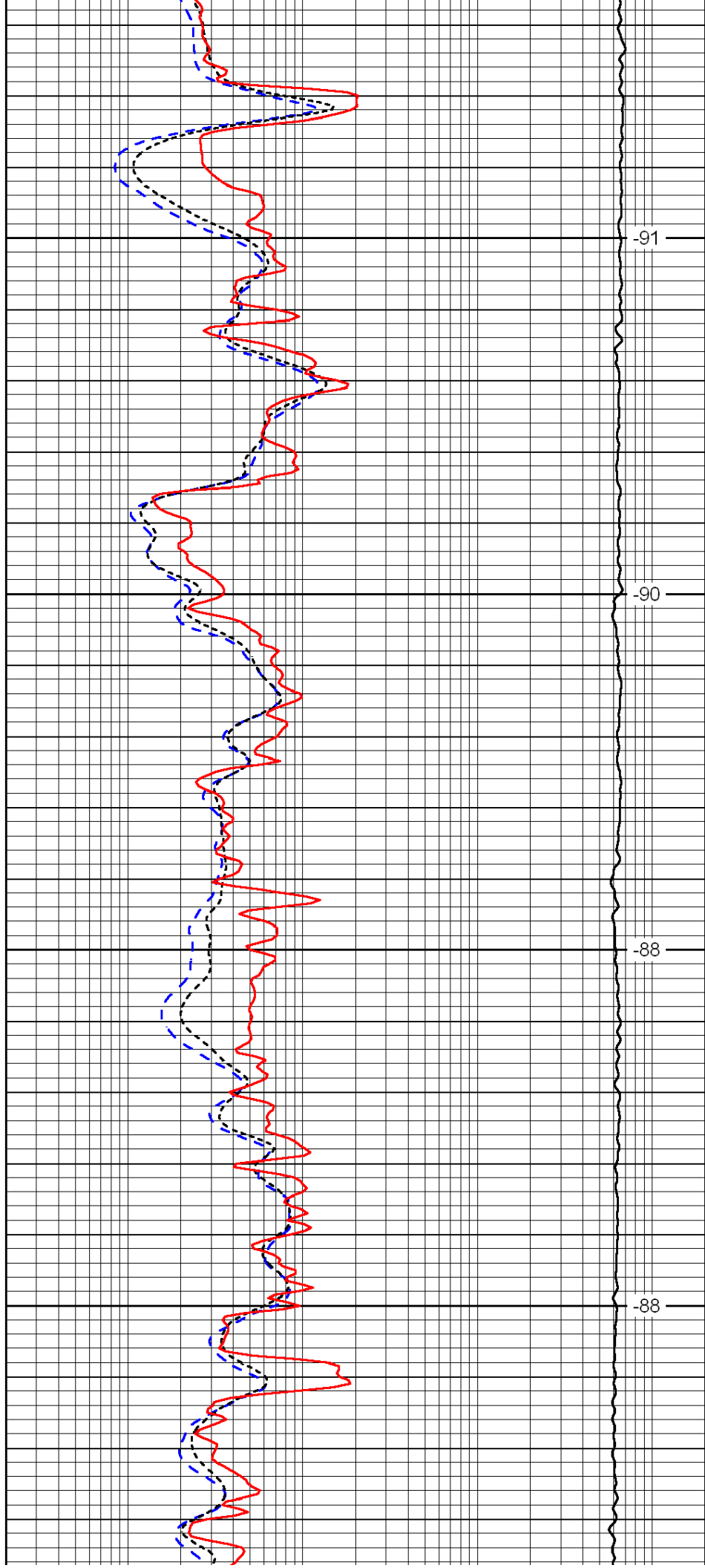


2750

2800

2850

2900

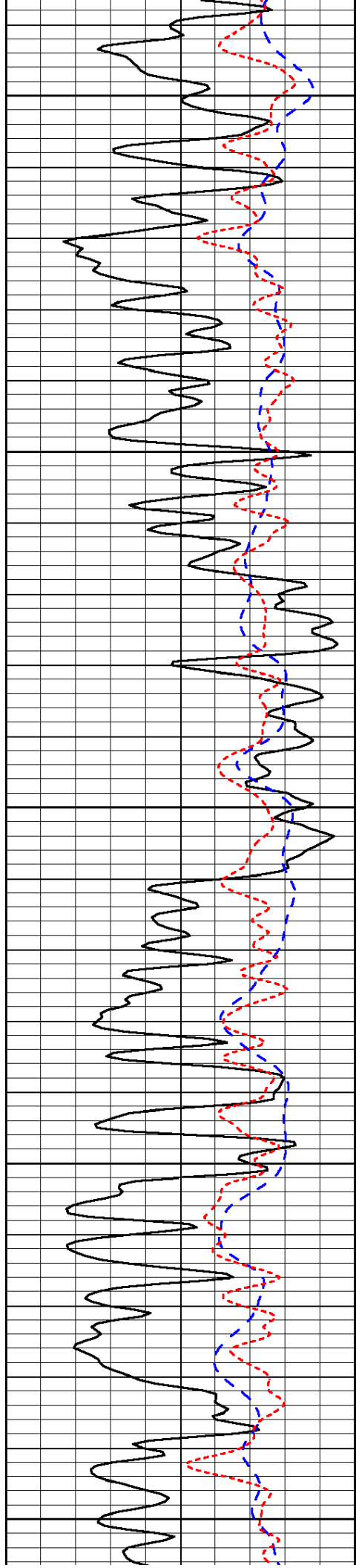


-91

-90

-88

-88



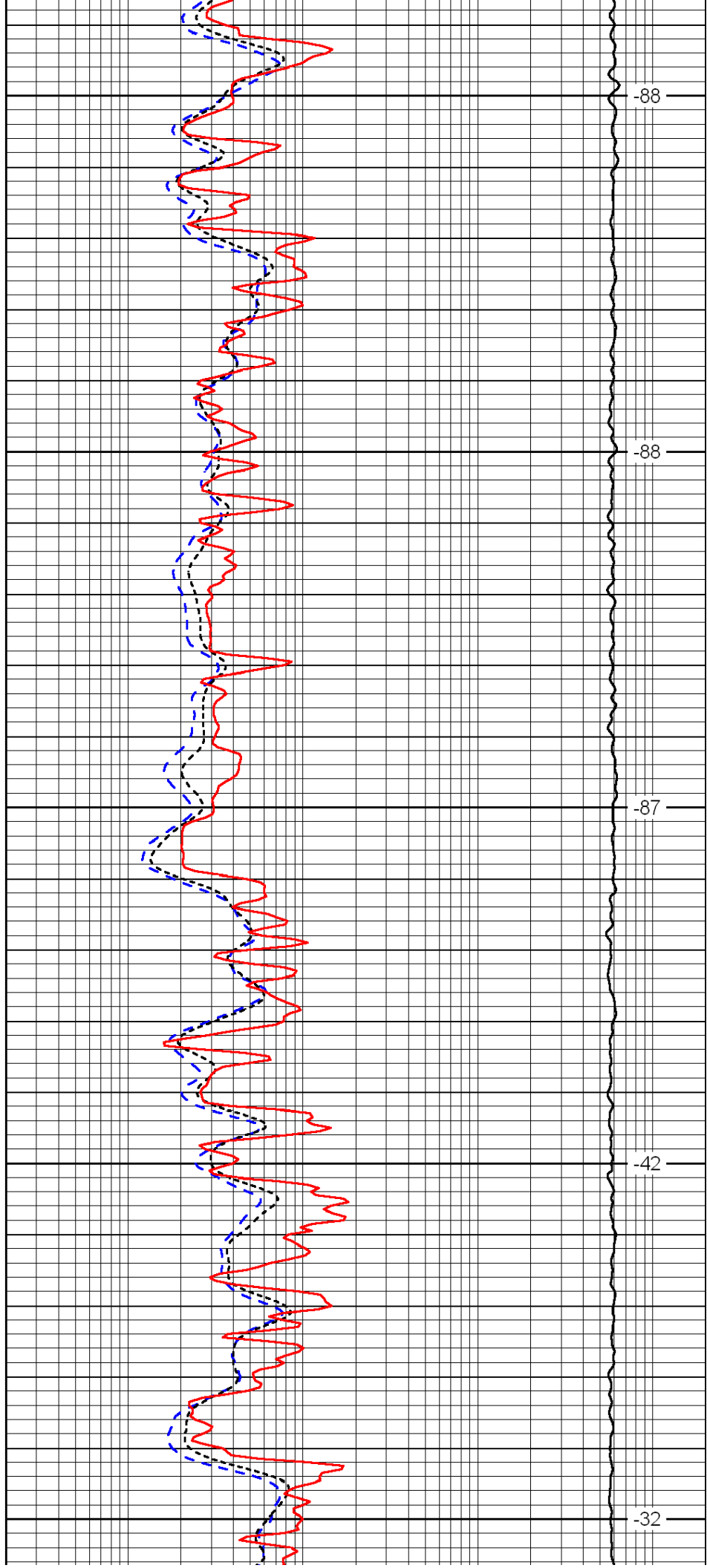
2950

3000

3050

3100

3150



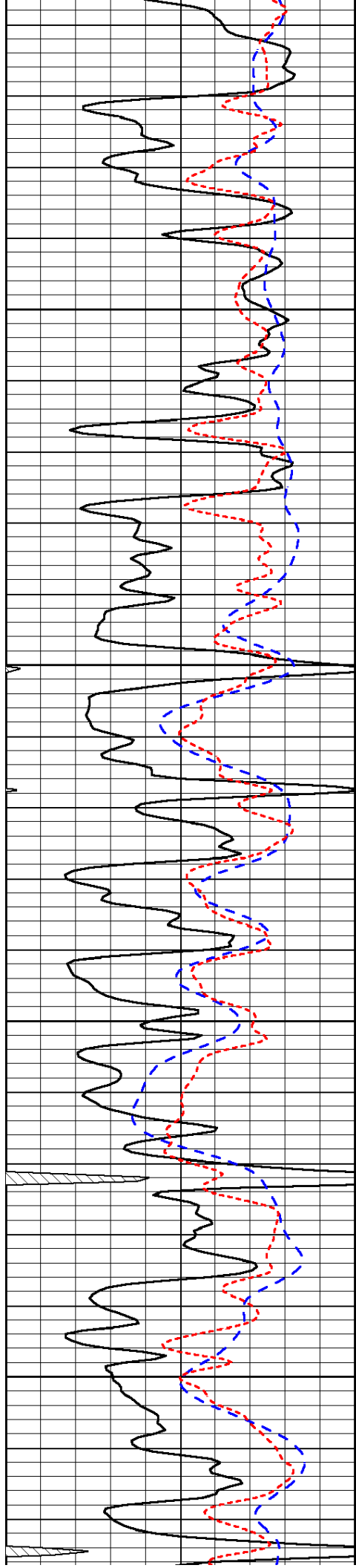
-88

-88

-87

-42

-32

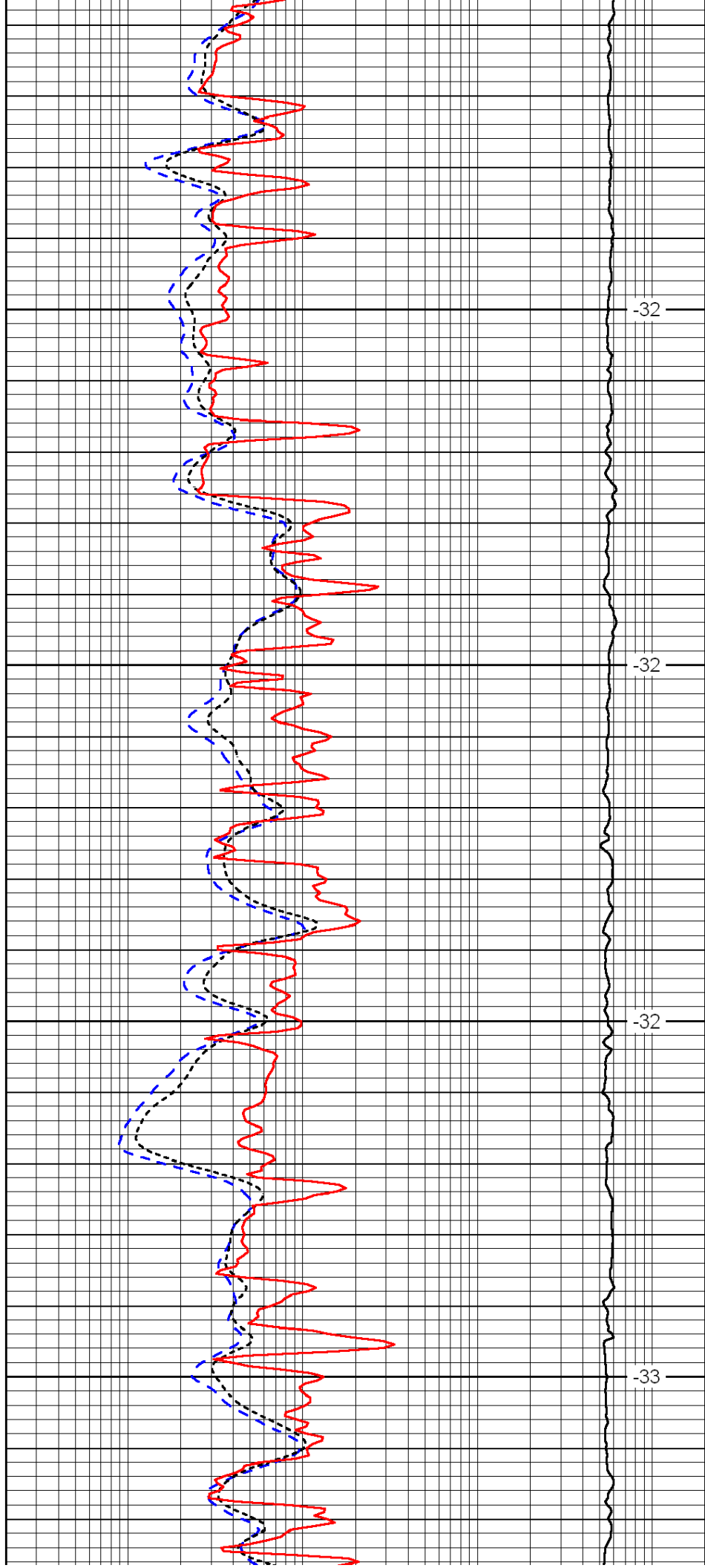


3200

3250

3300

3350

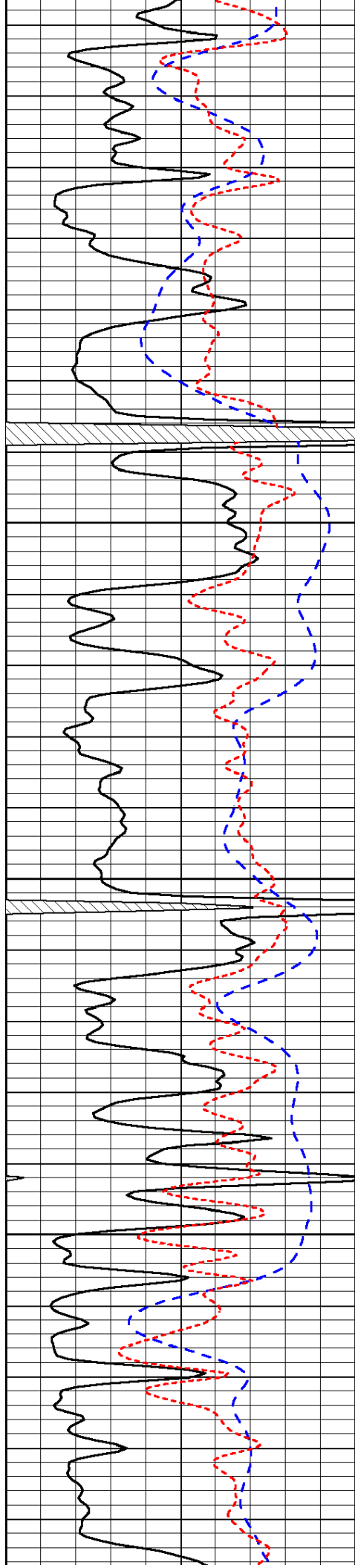


-32

-32

-32

-33

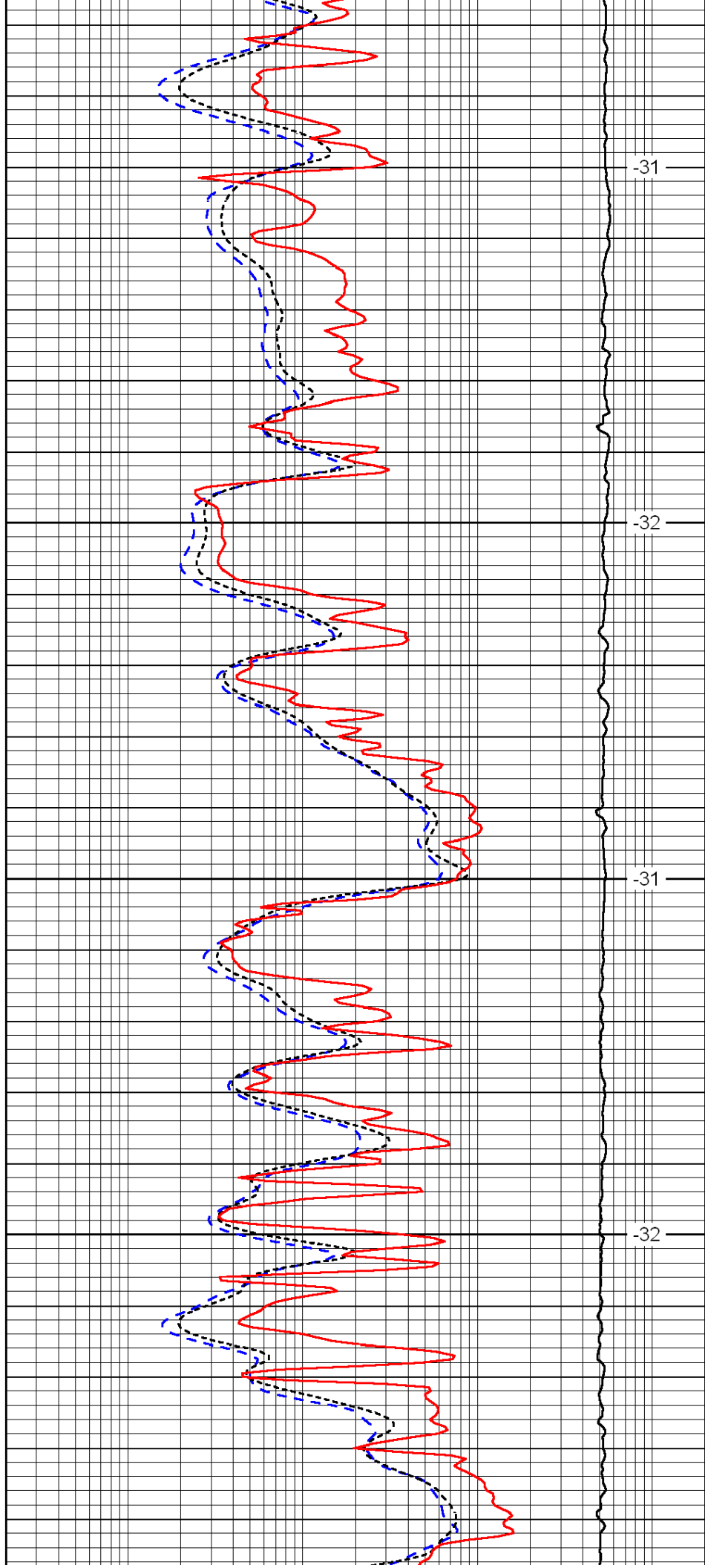


3400

3450

3500

3550

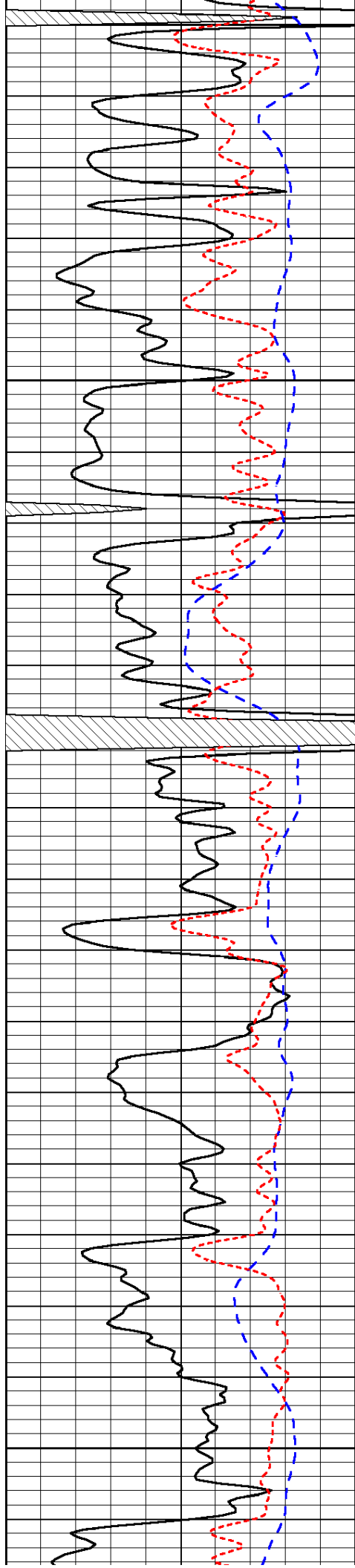


-31

-32

-31

-32



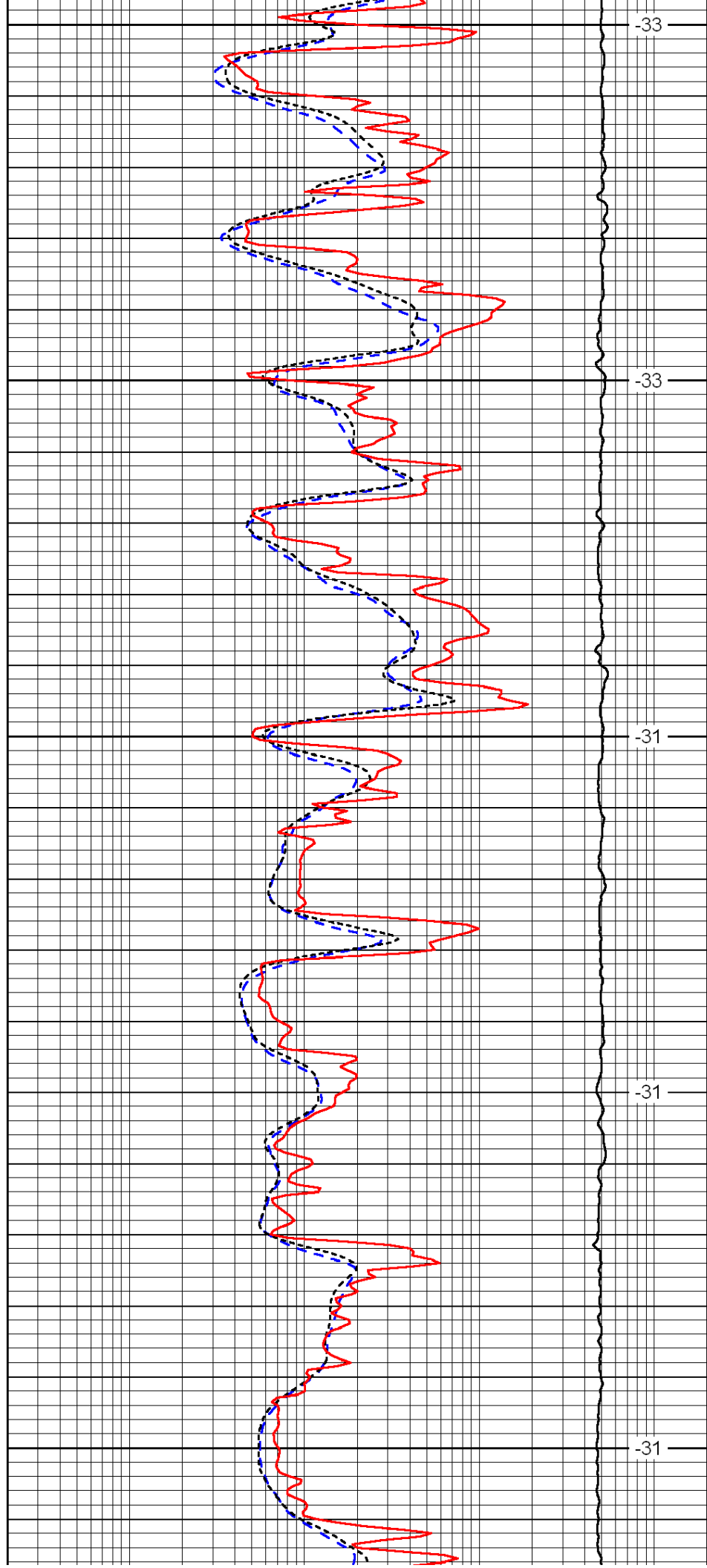
3600

3650

3700

3750

3800



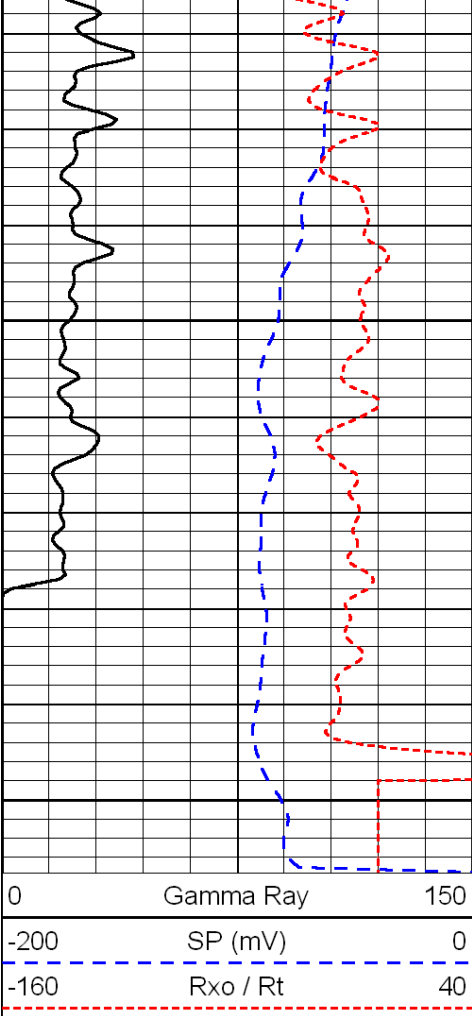
-33

-33

-31

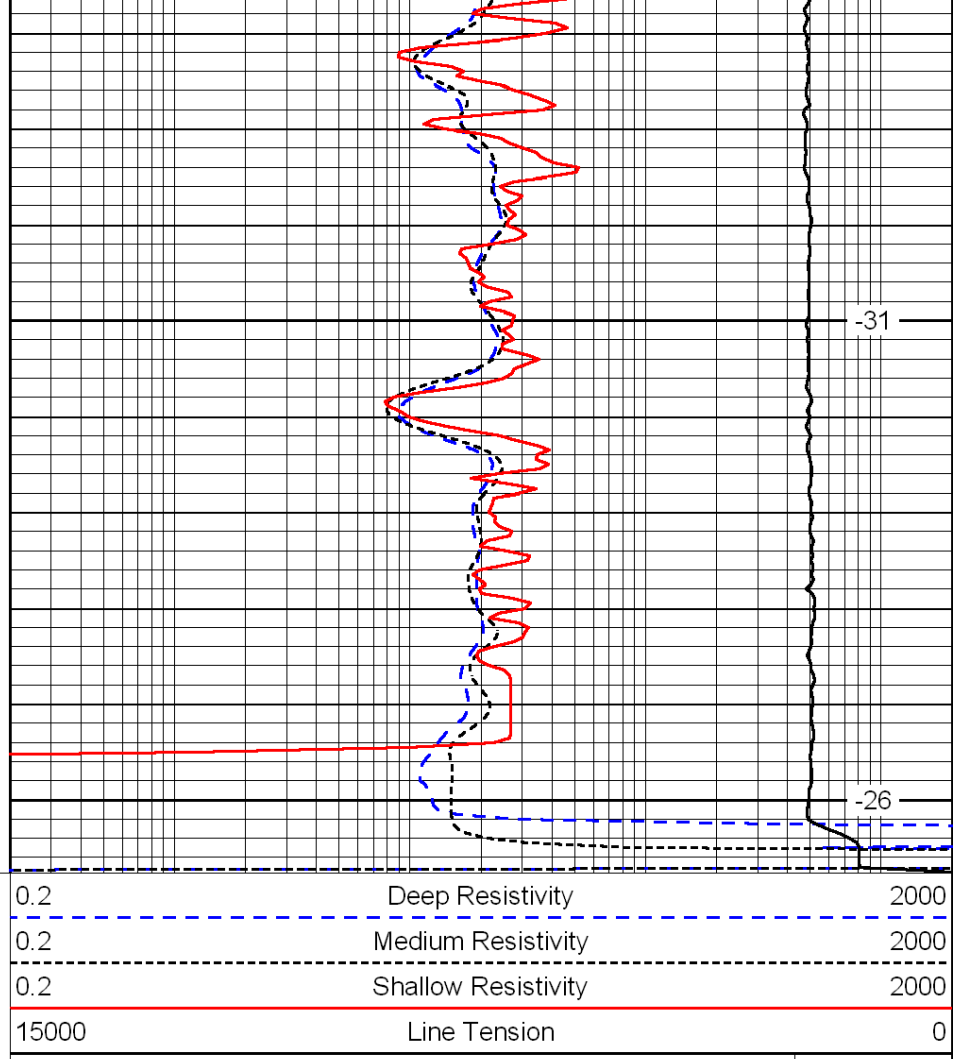
-31

-31



3850

3900



-31

-26

LSPD