



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company L.D. Drilling, Inc. Well Fritz No. 1-31 Field Georob County McPherson State Location 2300' FNL & 1170' FWL Sec: 31 Twp: 17 S Rge: 1 W Other Services CNL/CDL BHCS		
15-113-21341-00-00	Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing From Kelly Bushing	Elevation 1363 10 Ft. Above Perm. Datum K.B. 1373 D.F. 1363 G.L. 1363
Date	8/27/2010		
Run Number	One		
Depth Driller	3436		
Depth Logger	3438		
Bottom Logged Interval	3437		
Top Log Interval	0		
Casing Driller	8.625 @ 270		
Casing Logger	270		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2.000		
Density / Viscosity	9.4 61		
pH / Fluid Loss	10.0 9.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.30 @ 70		
Rmf @ Meas. Temp	1.73 @ 70		
Rmc @ Meas. Temp	3.11 @ 70		
Source of Rmf / Rmc	Charts		
Rm @ BHT	1.46 @ 110		
Operating Rig Time	3-1/2 Hours		
Max Rec. Temp. F	110		
Equipment Number	15		
Location	Hays		
Recorded By	B. Becker		
Witnessed By	Larry Friend		

<<< 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.

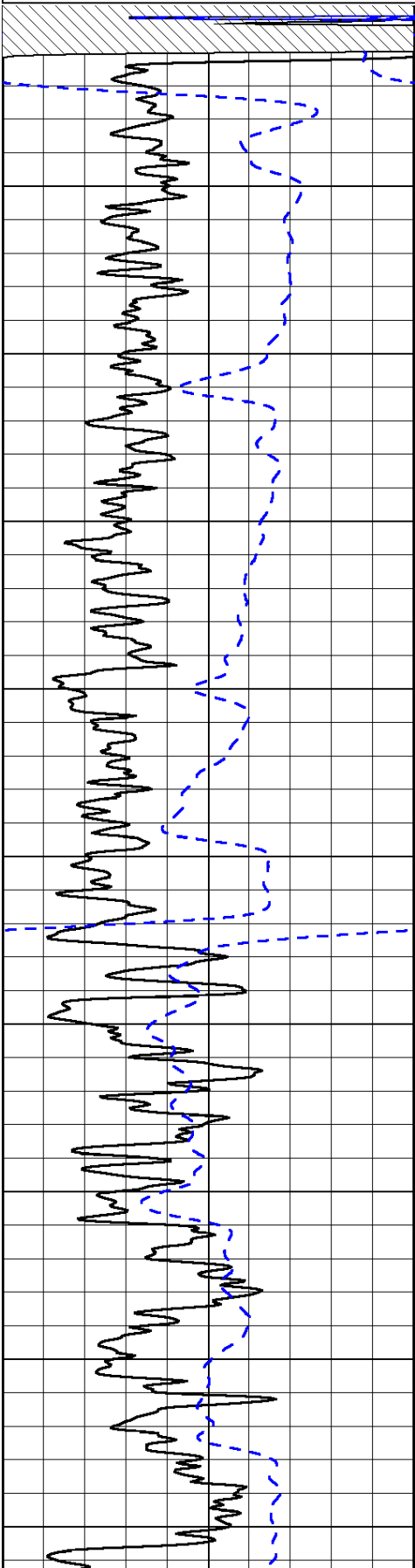
Comments

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

Salina, Ks; South to Roxbury Exit on I-135;
7 East to Rd 426; 1-1/2 South
East Into location

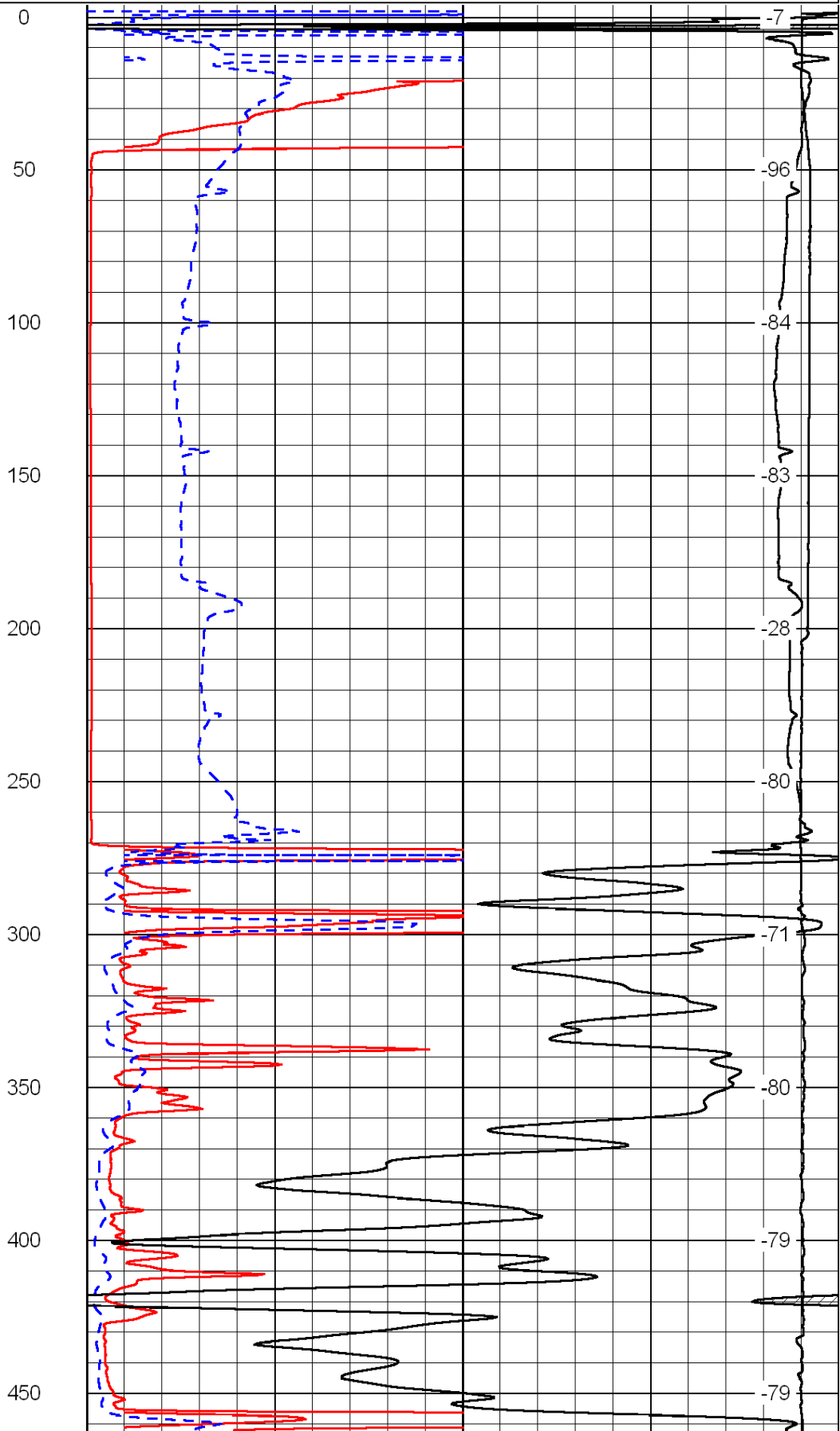
Database File: c:\warrior\data\ld drilling_fritz no. 1-31\ld_hd.db
Dataset Pathname: DIL\ldstk
Presentation Format: dil2in
Dataset Creation: Wed Sep 15 13:22:46 2010
Charted by: Depth in Feet scaled 1:600

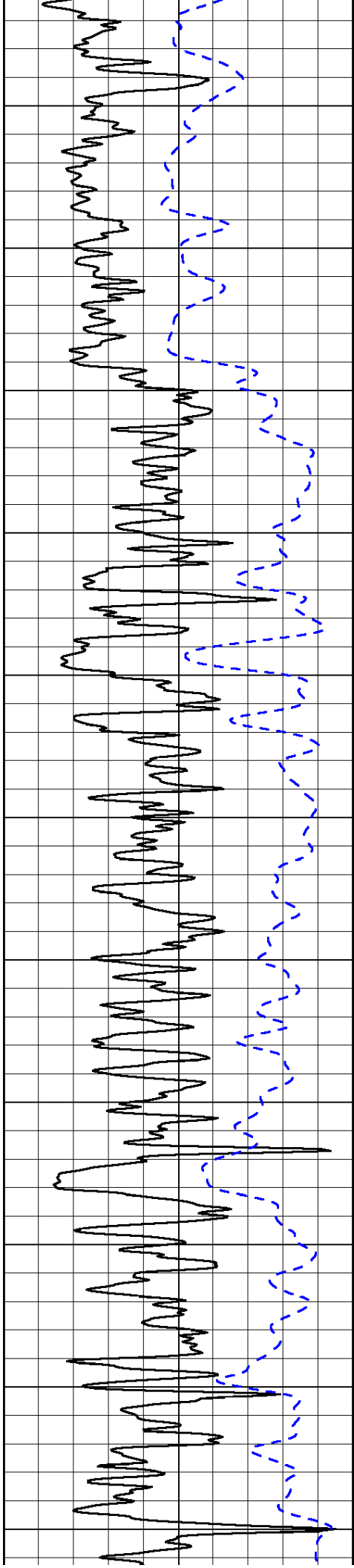
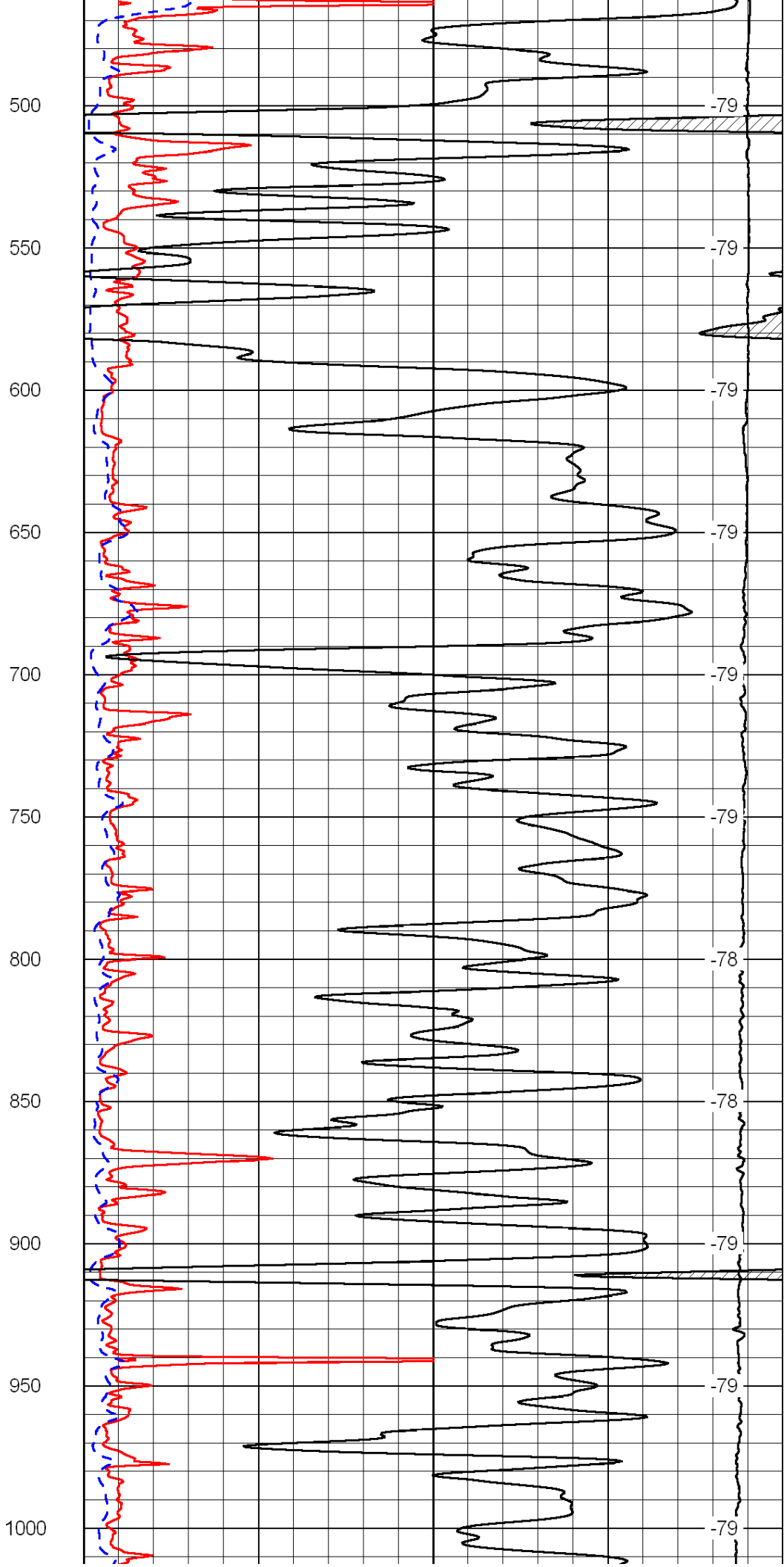
0	Gamma Ray	150
-200	SP (mV)	0

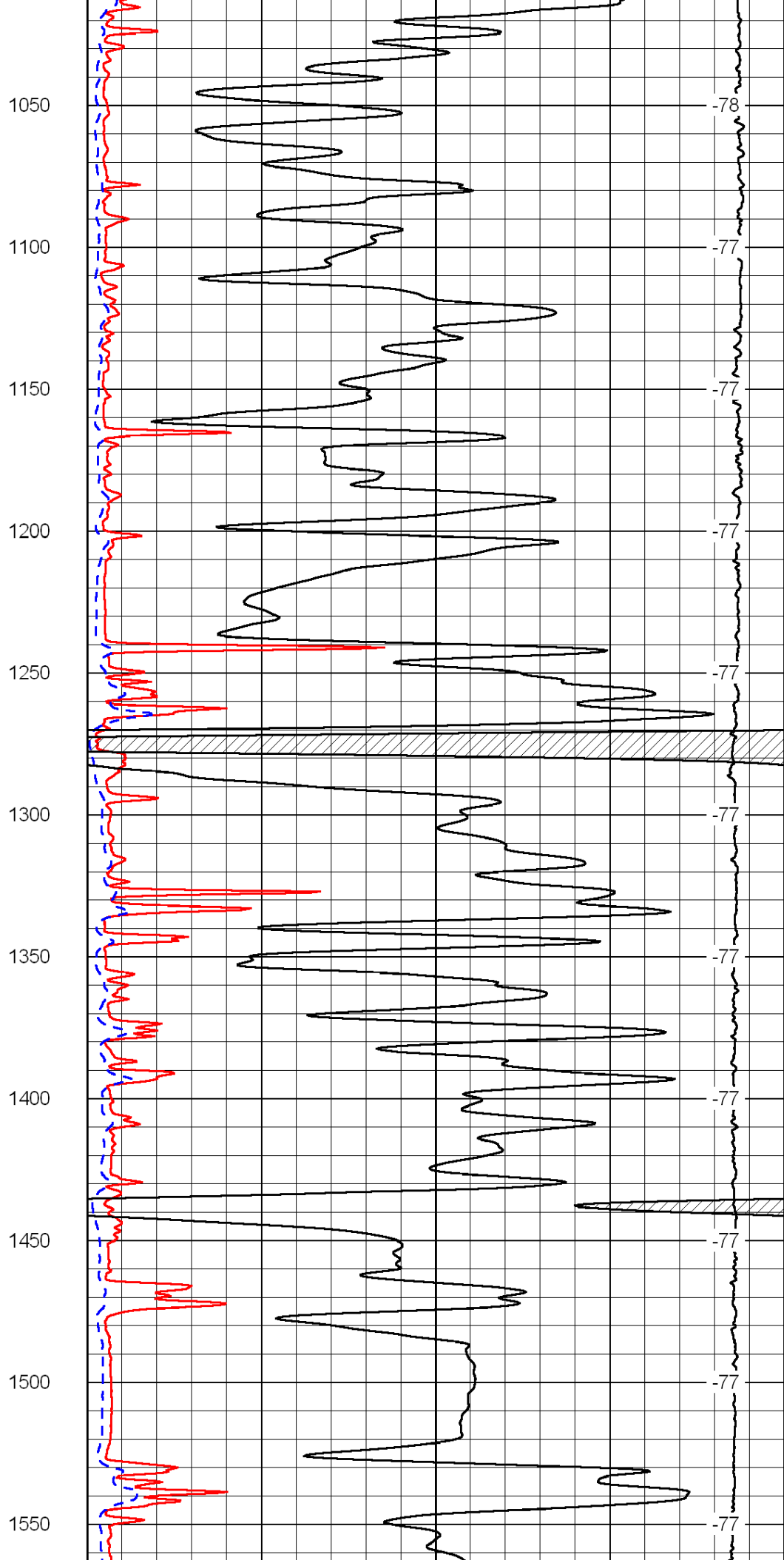
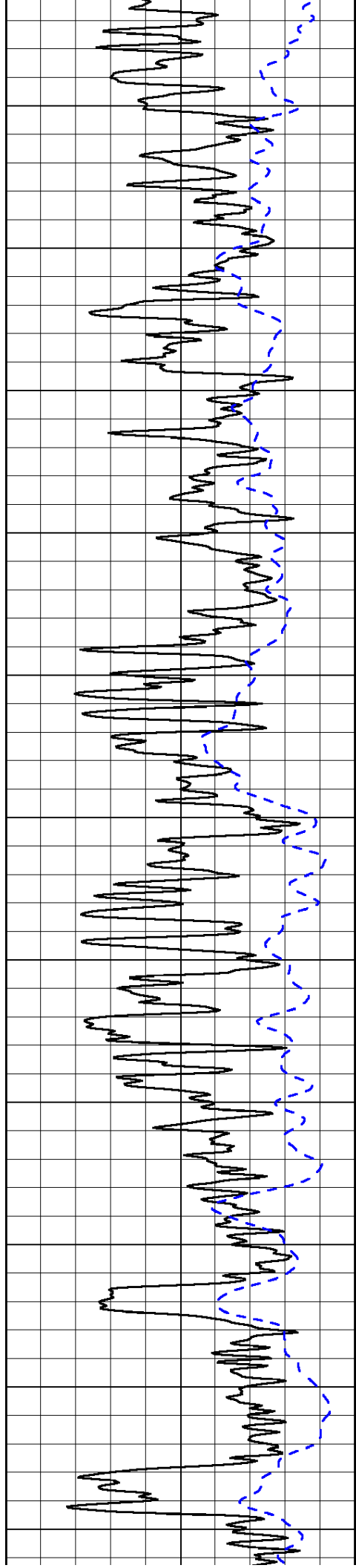


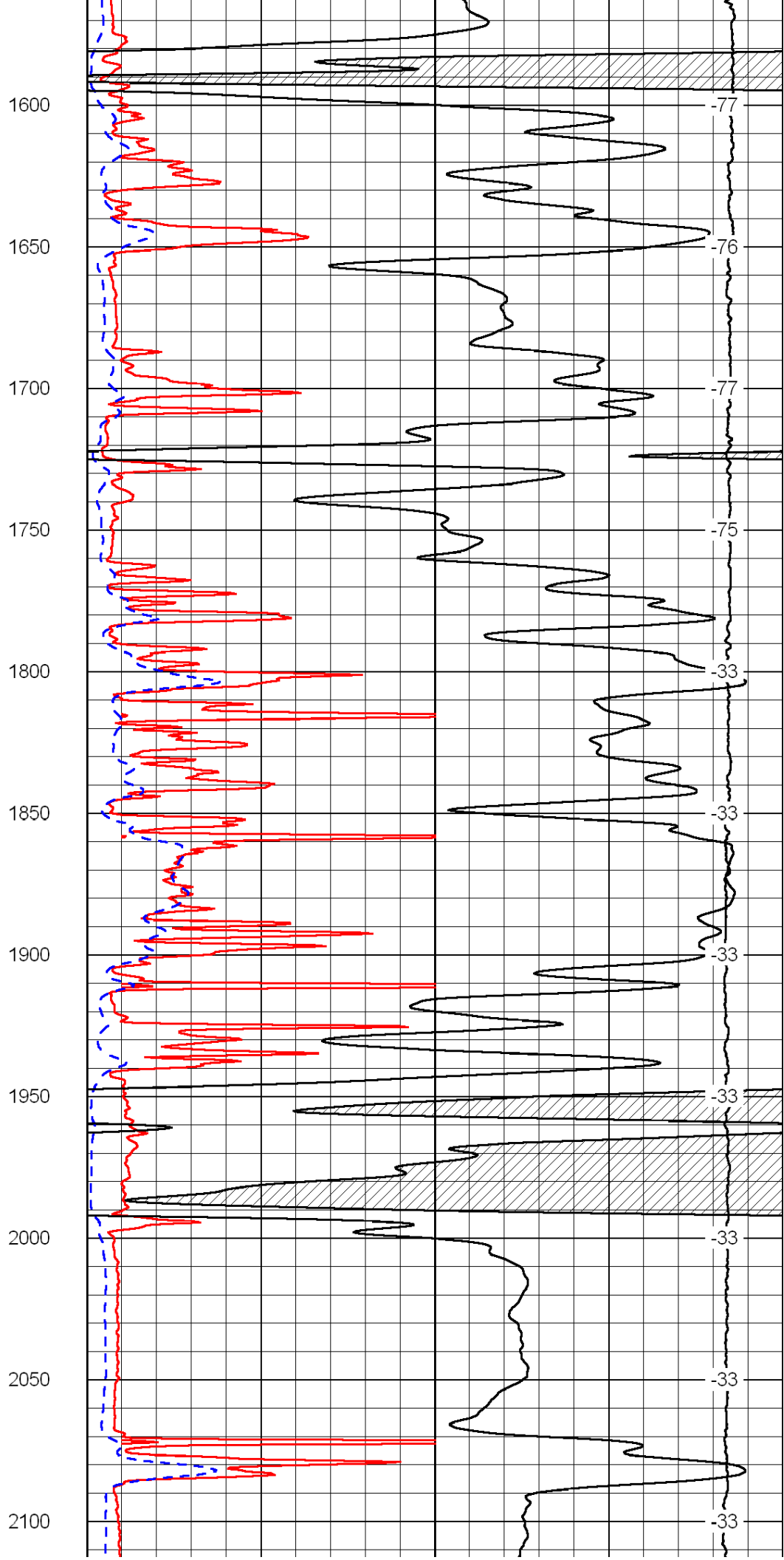
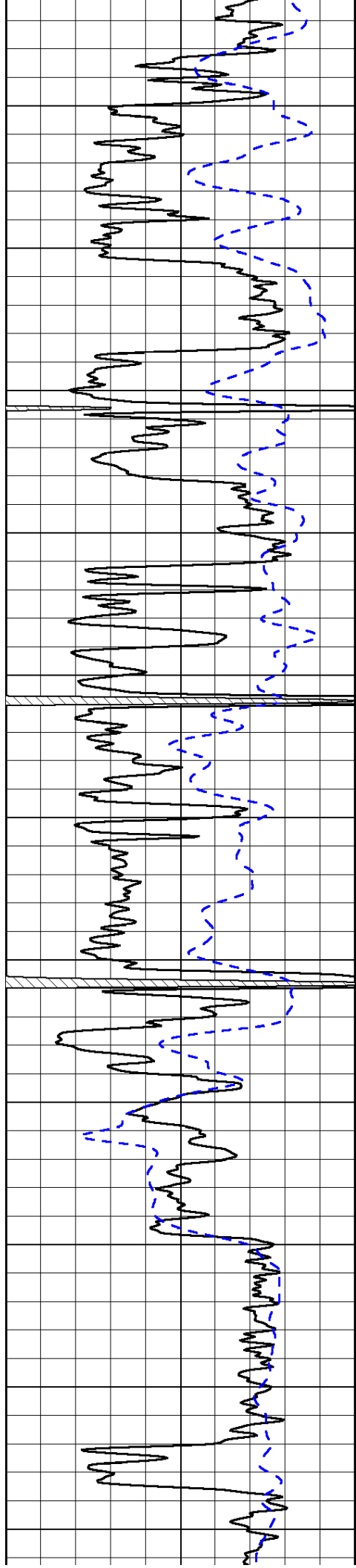
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

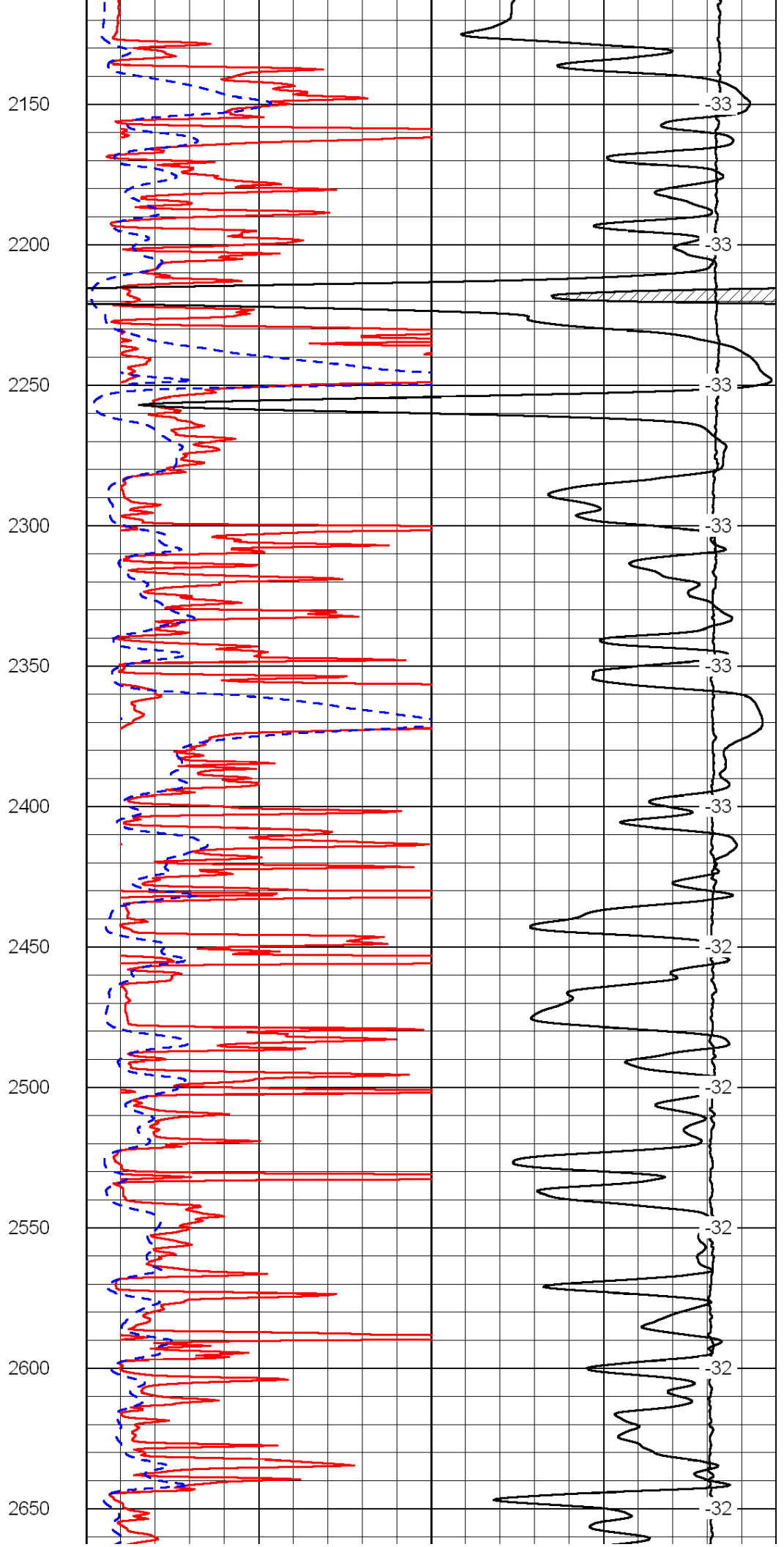
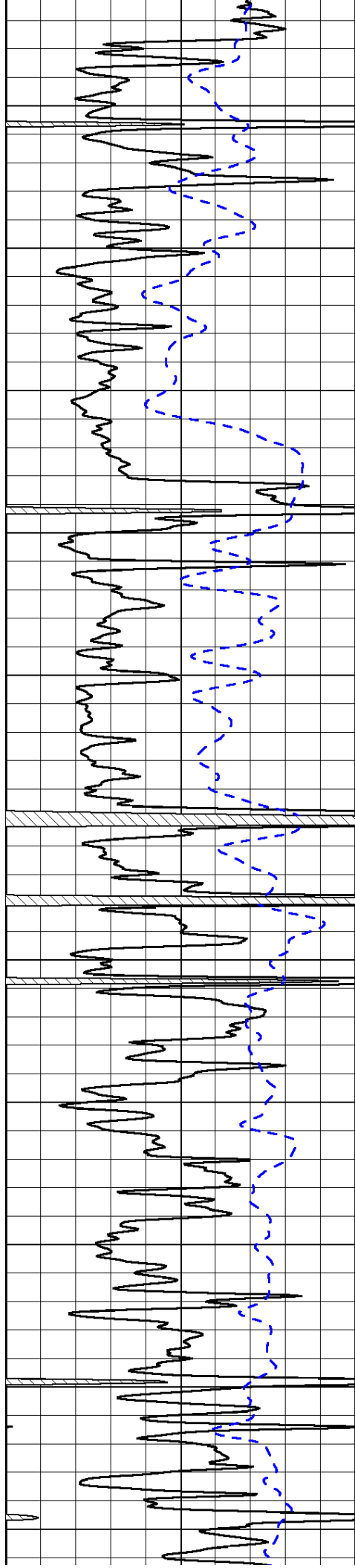
LSPD

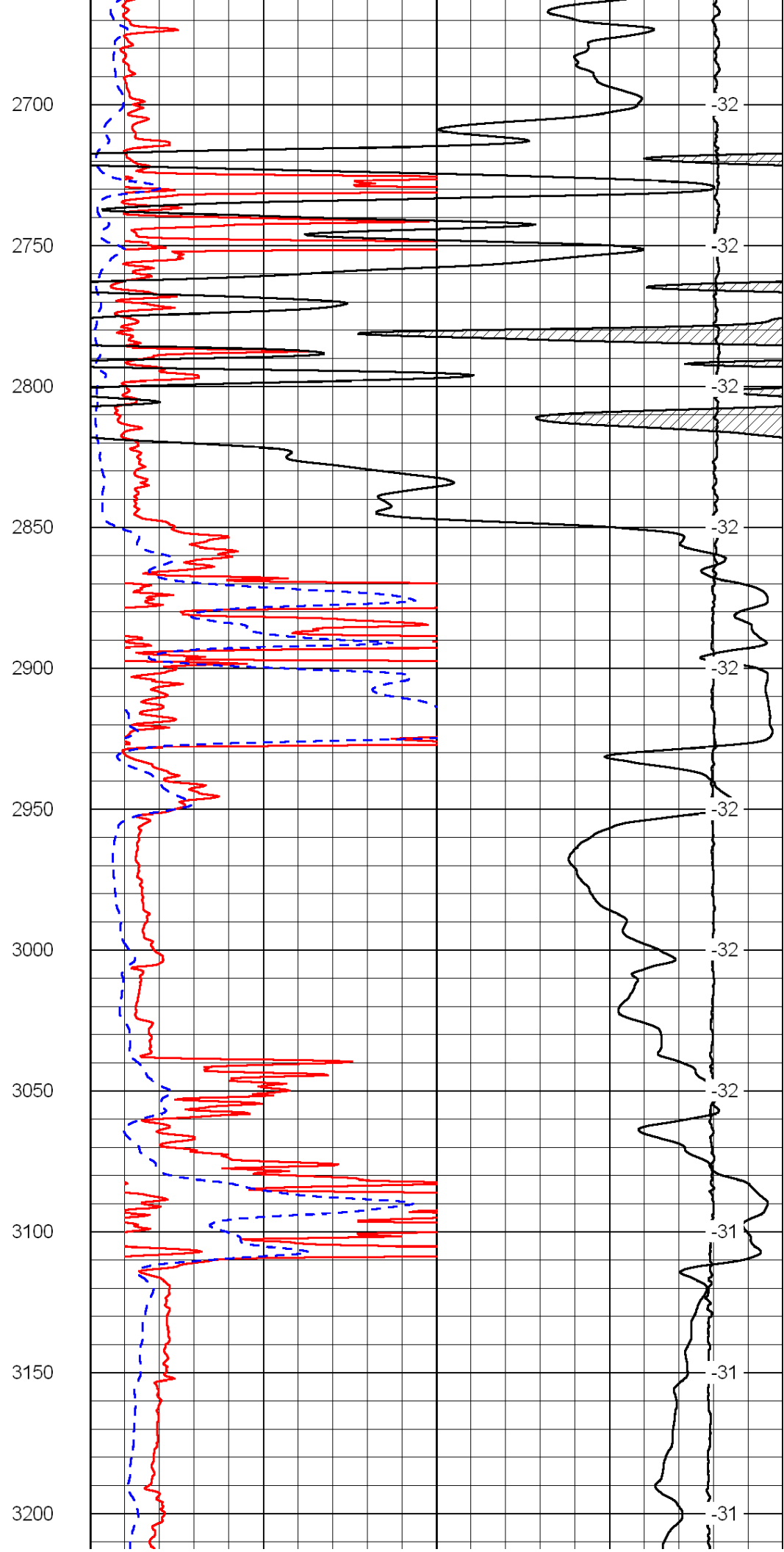
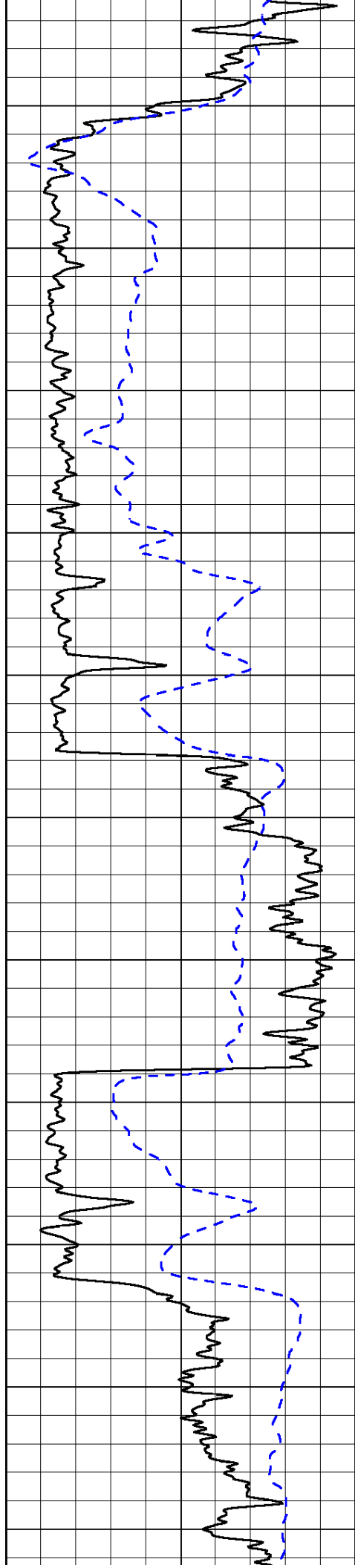


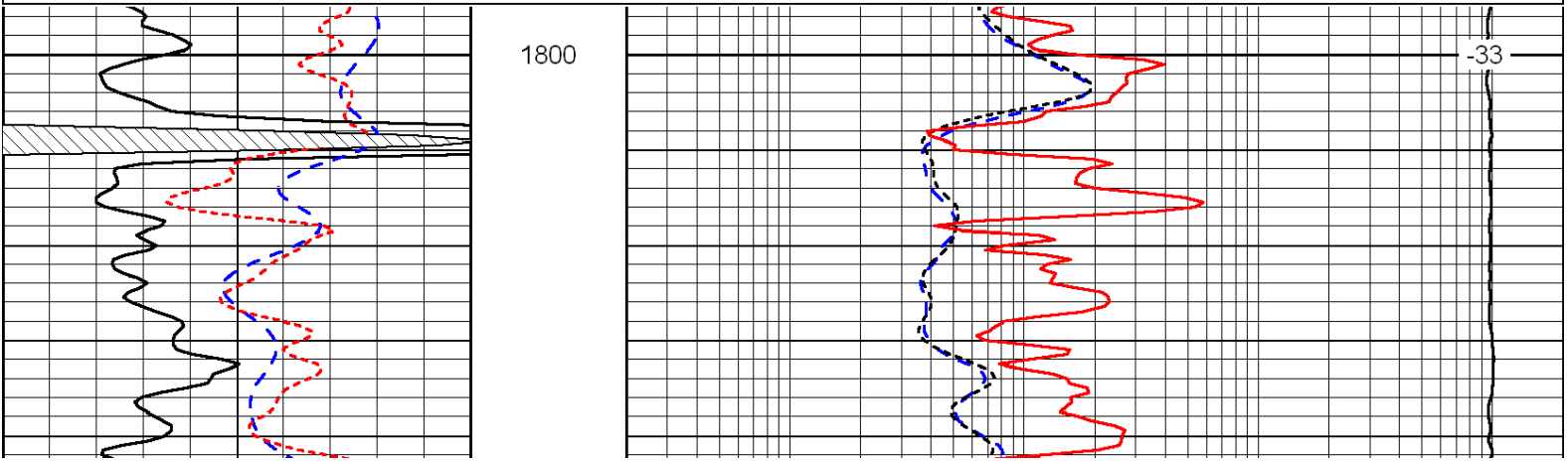
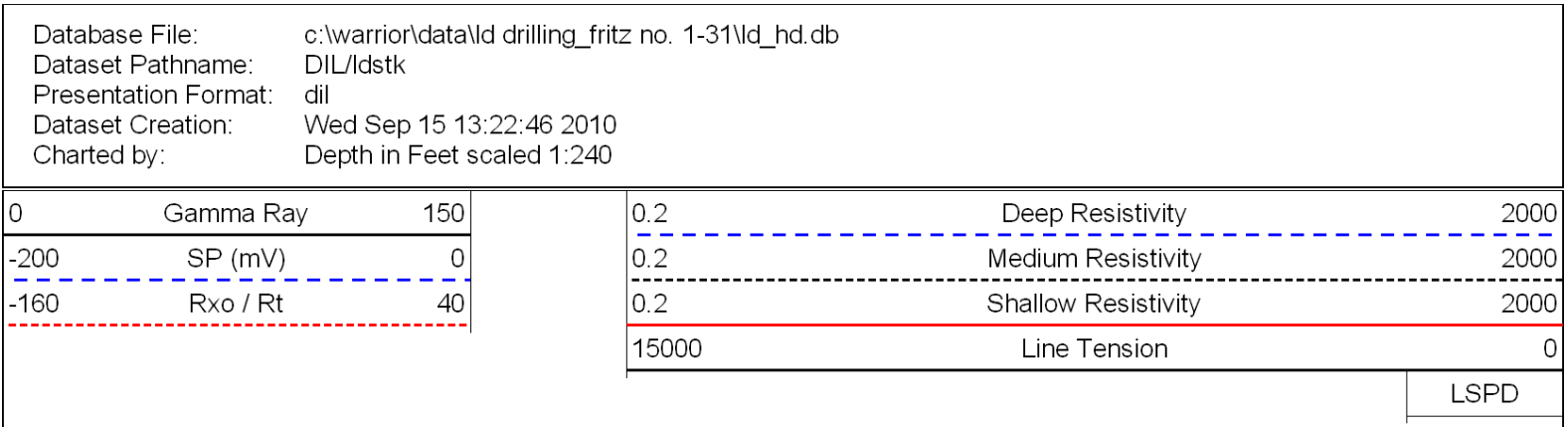
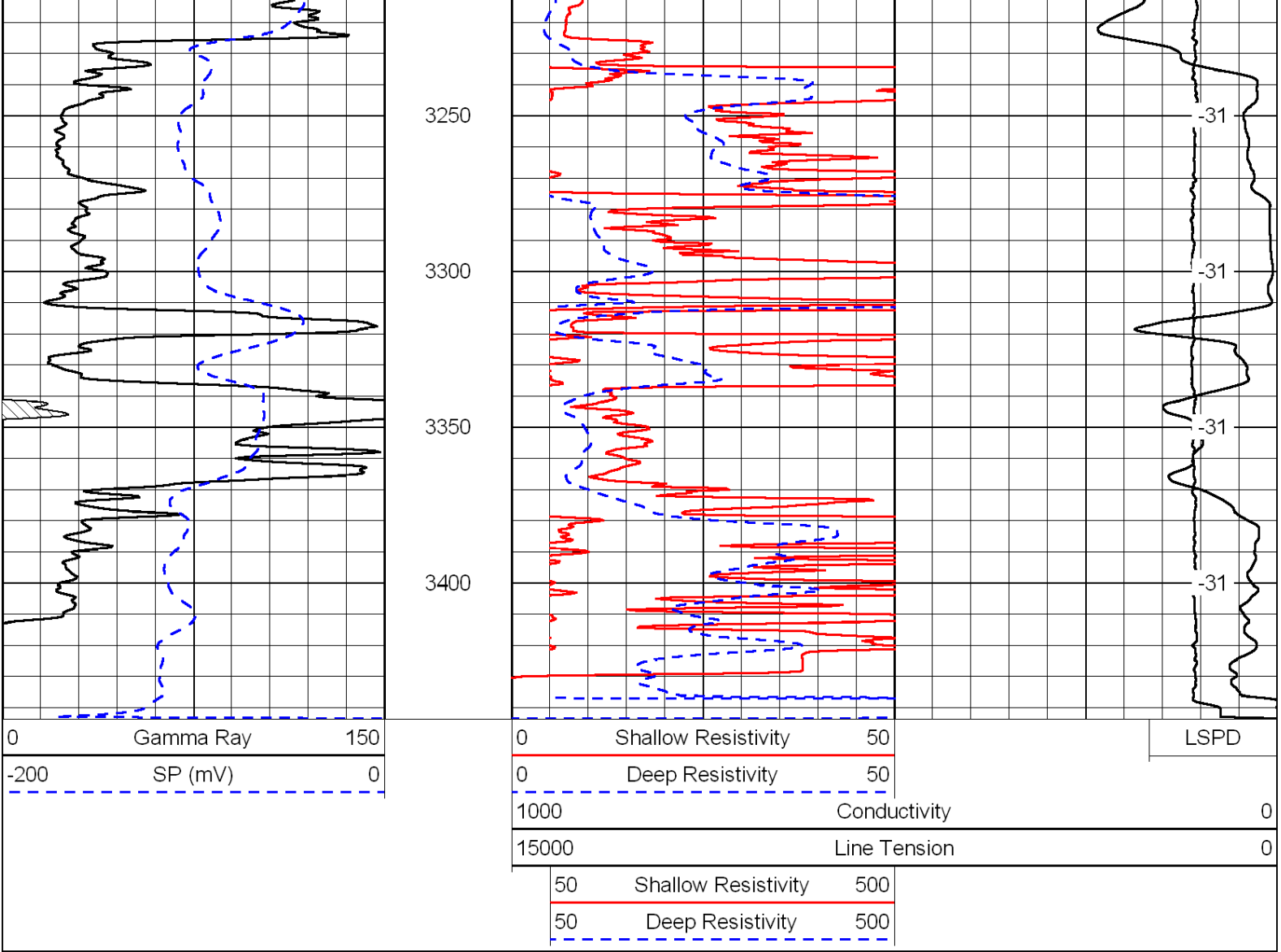


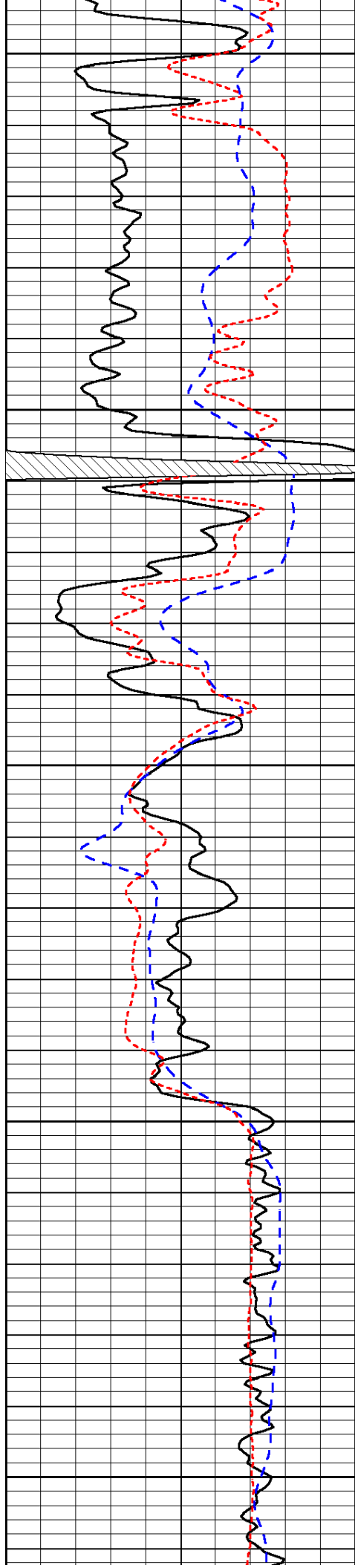












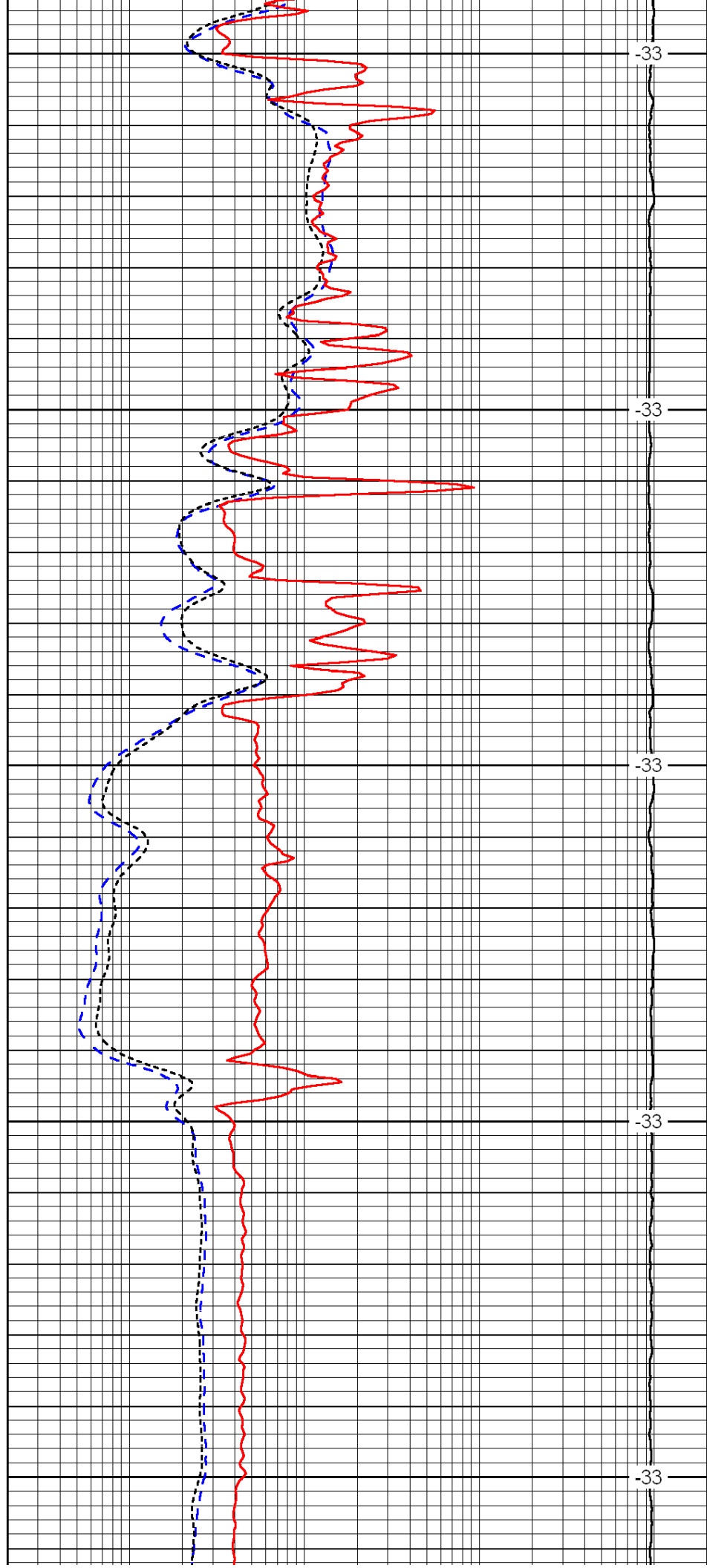
1850

1900

1950

2000

2050



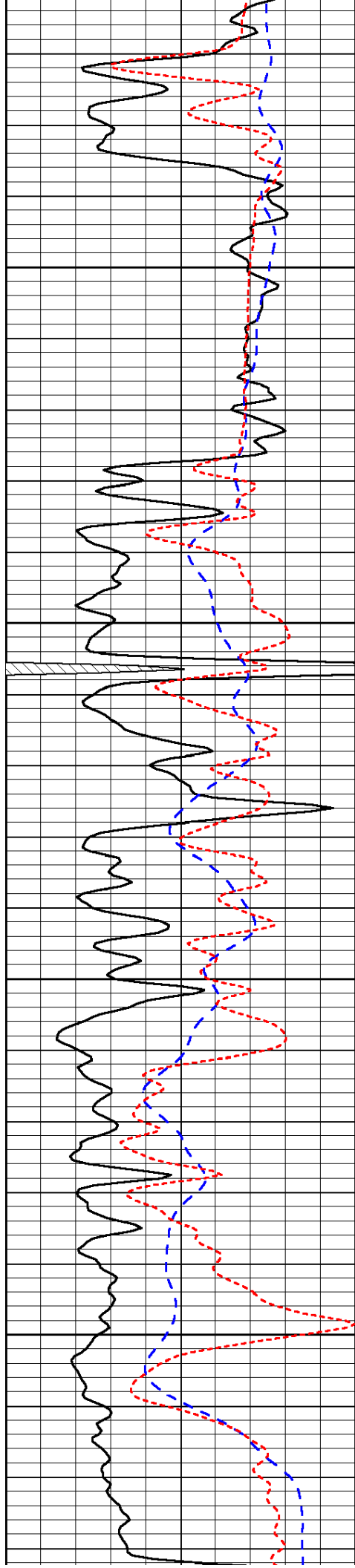
-33

-33

-33

-33

-33

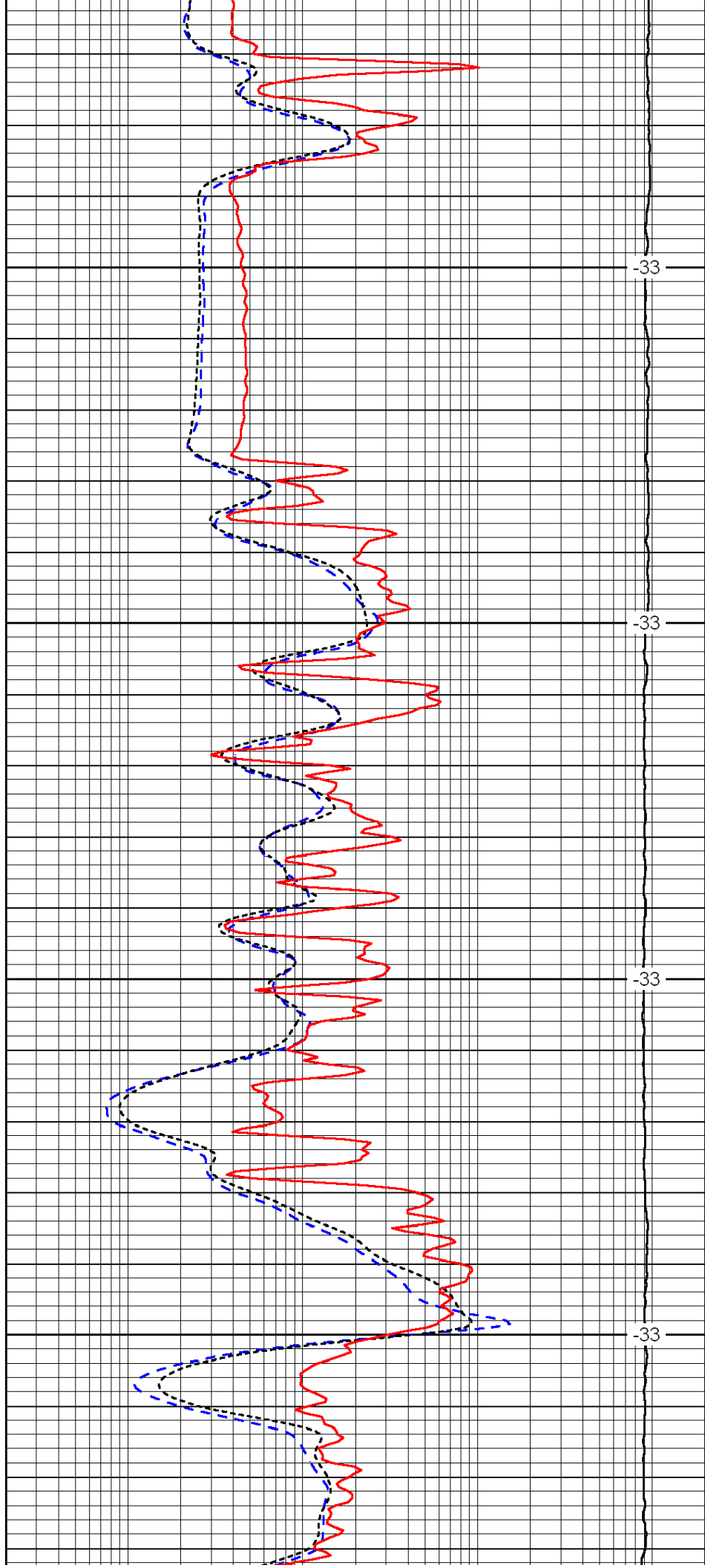


2100

2150

2200

2250

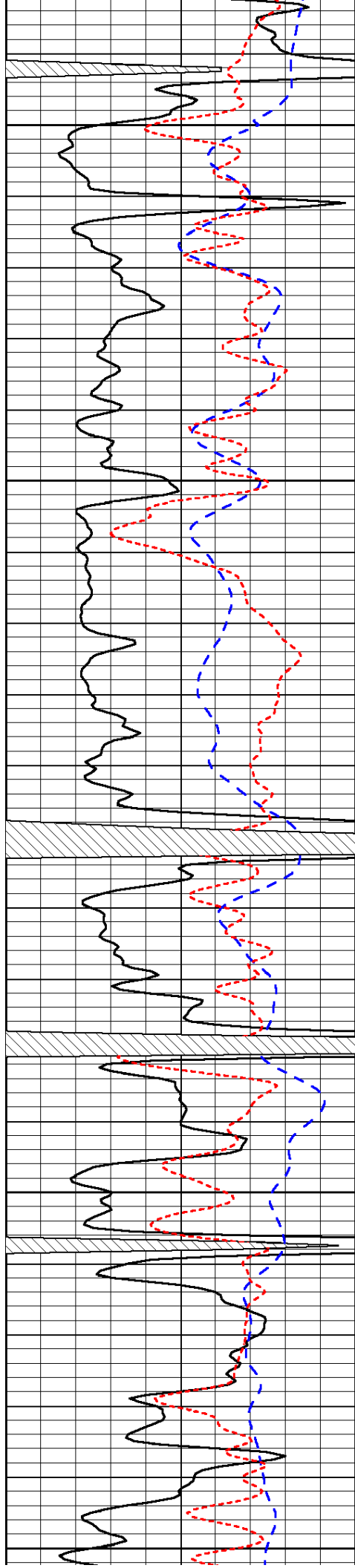


-33

-33

-33

-33



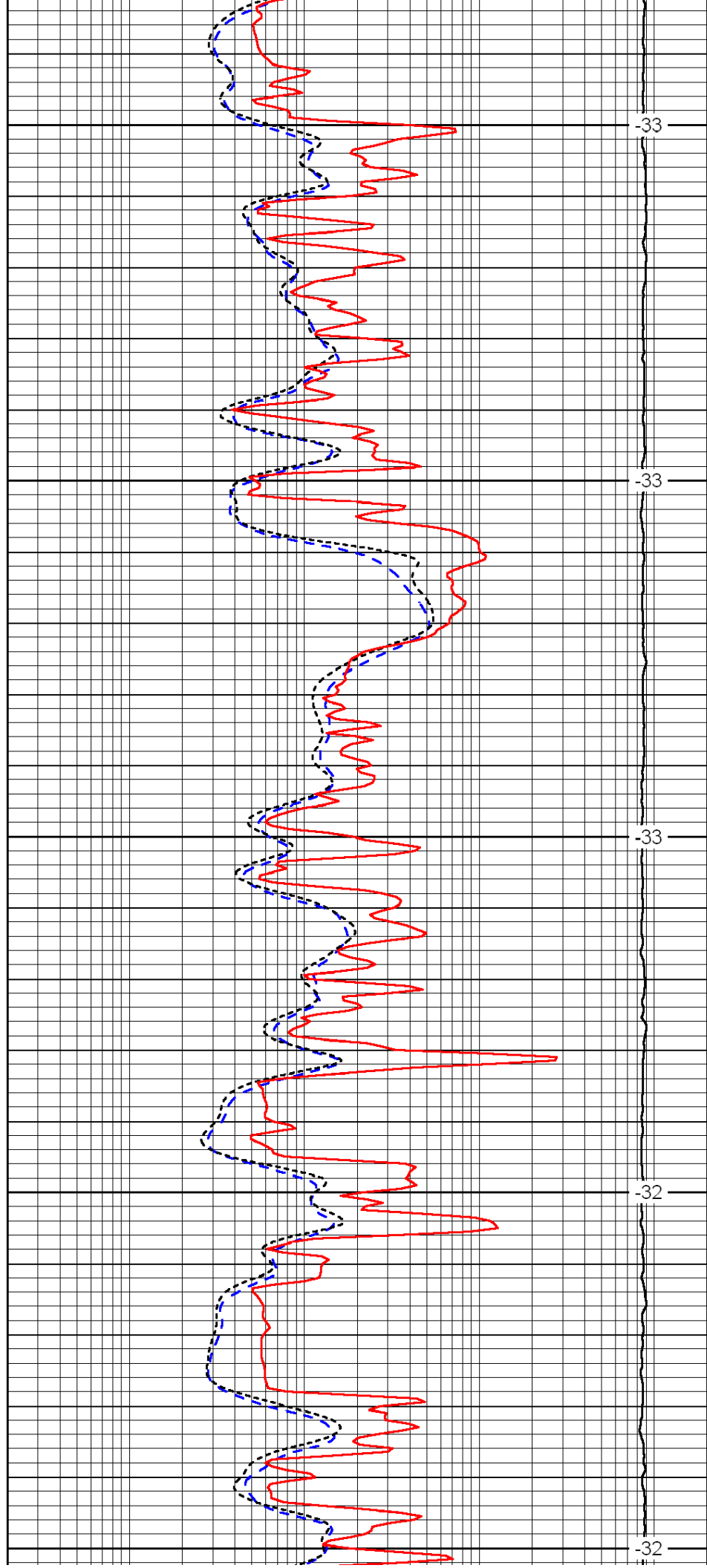
2300

2350

2400

2450

2500



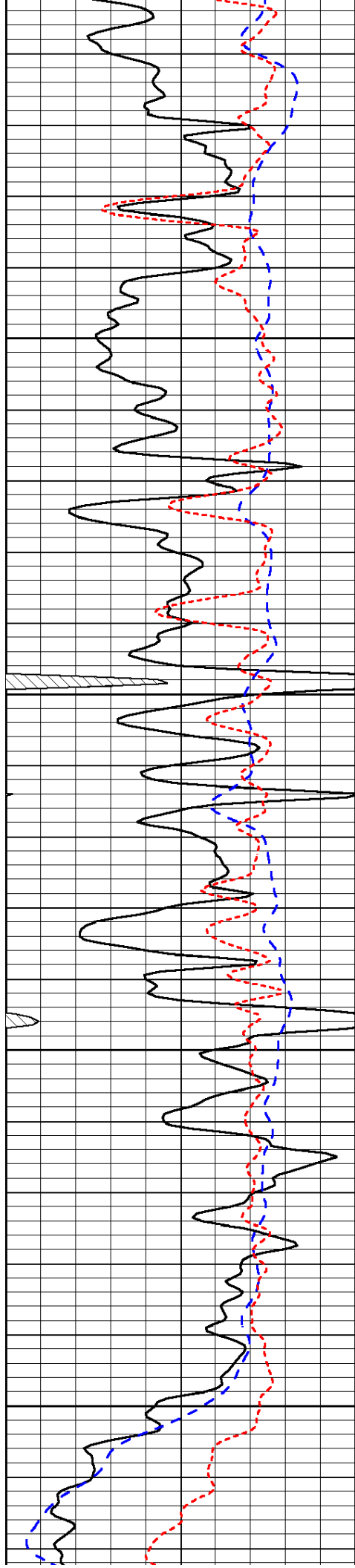
-33

-33

-33

-32

-32

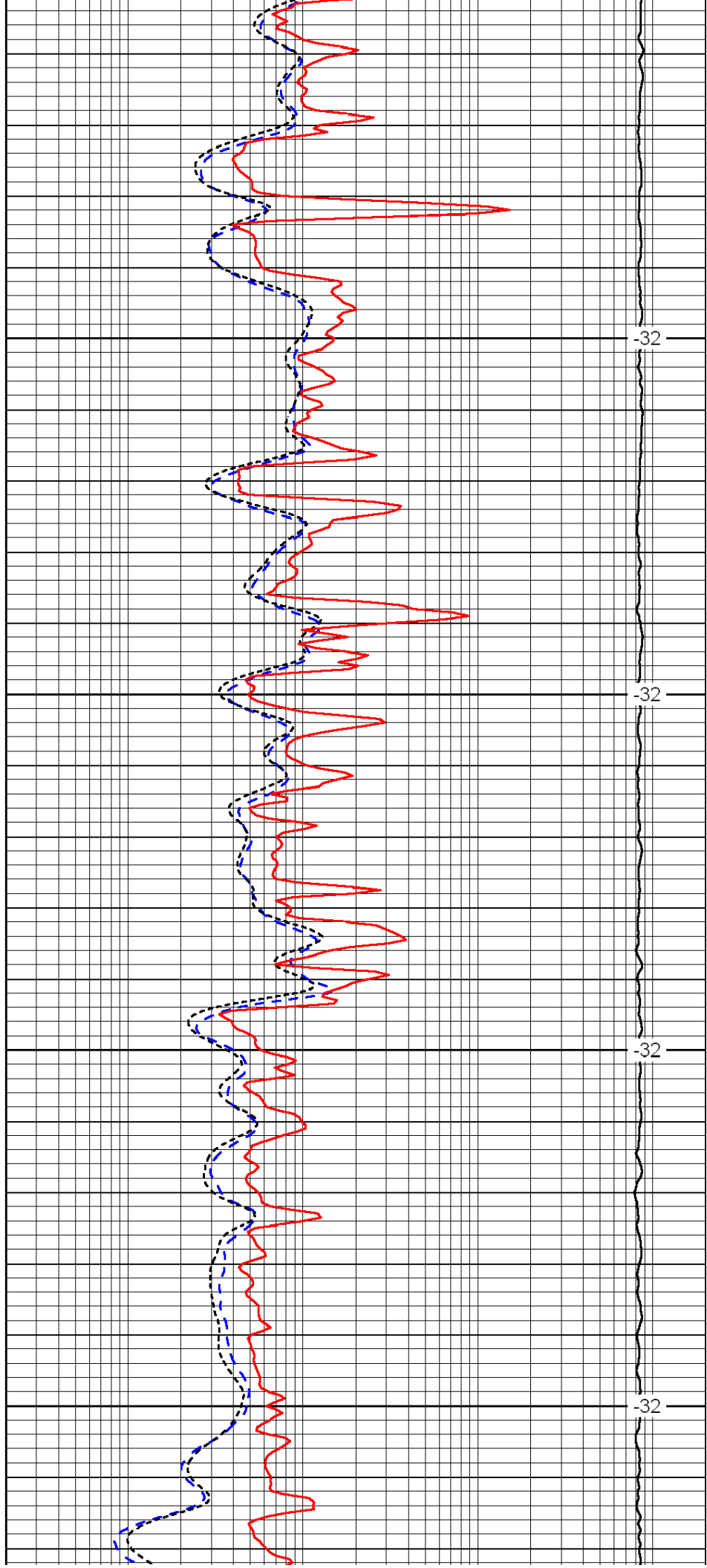


2550

2600

2650

2700

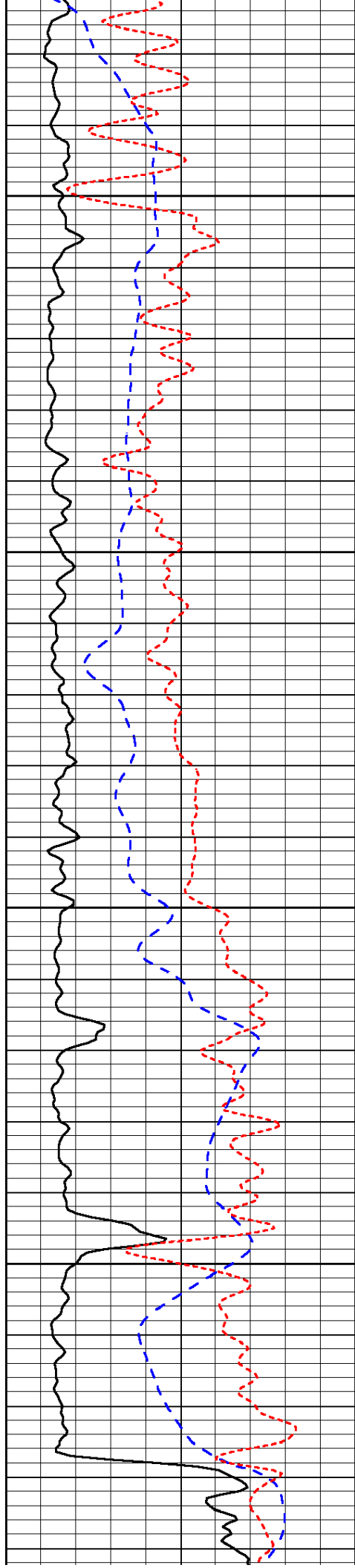


-32

-32

-32

-32

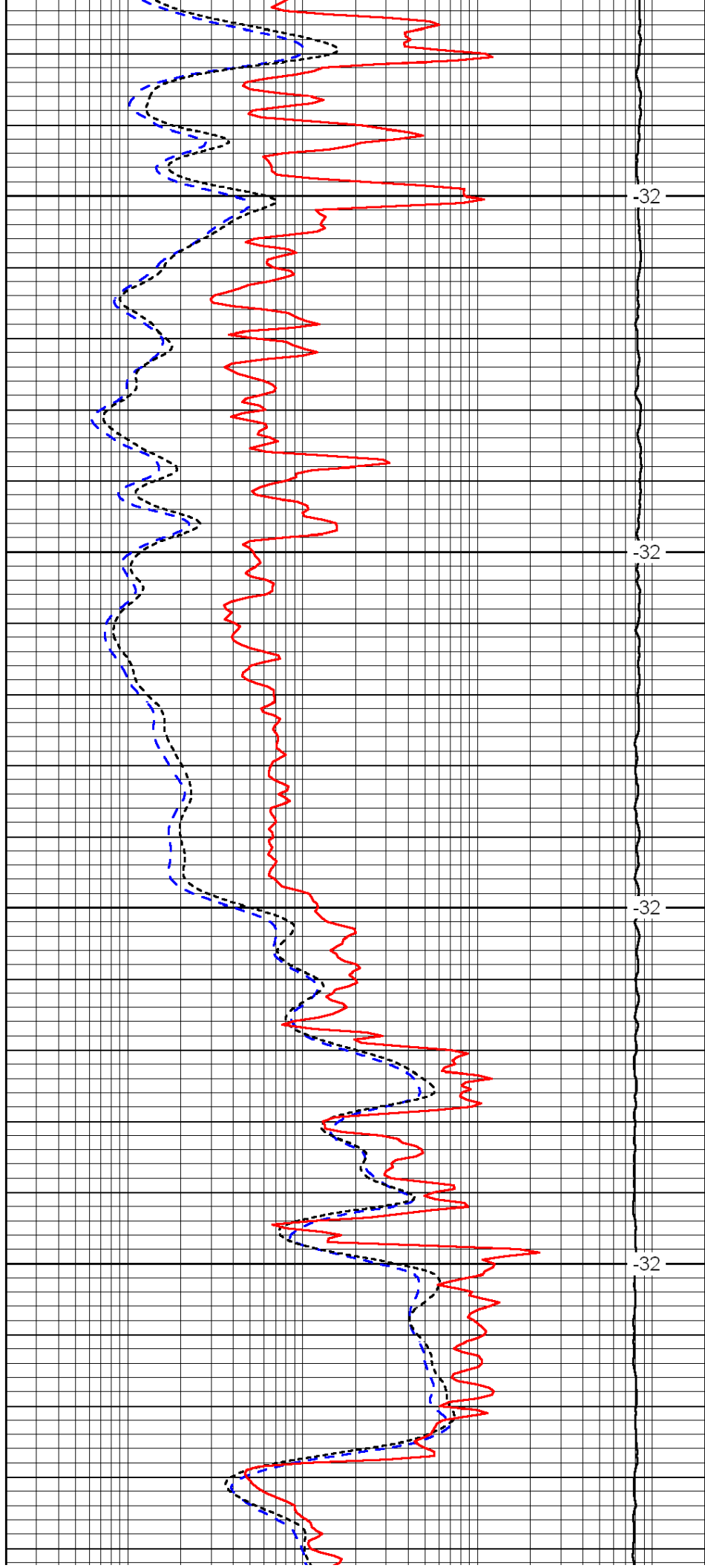


2750

2800

2850

2900

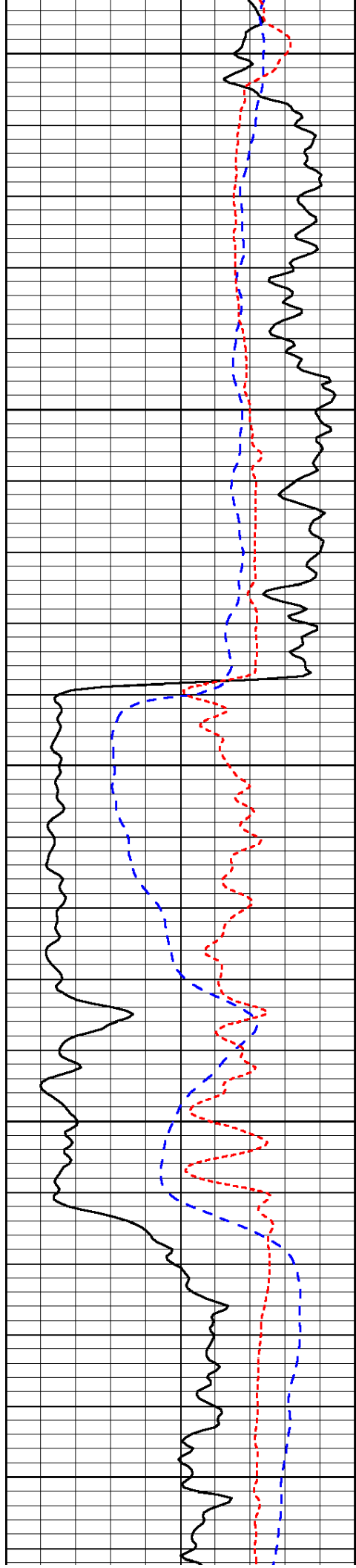


-32

-32

-32

-32



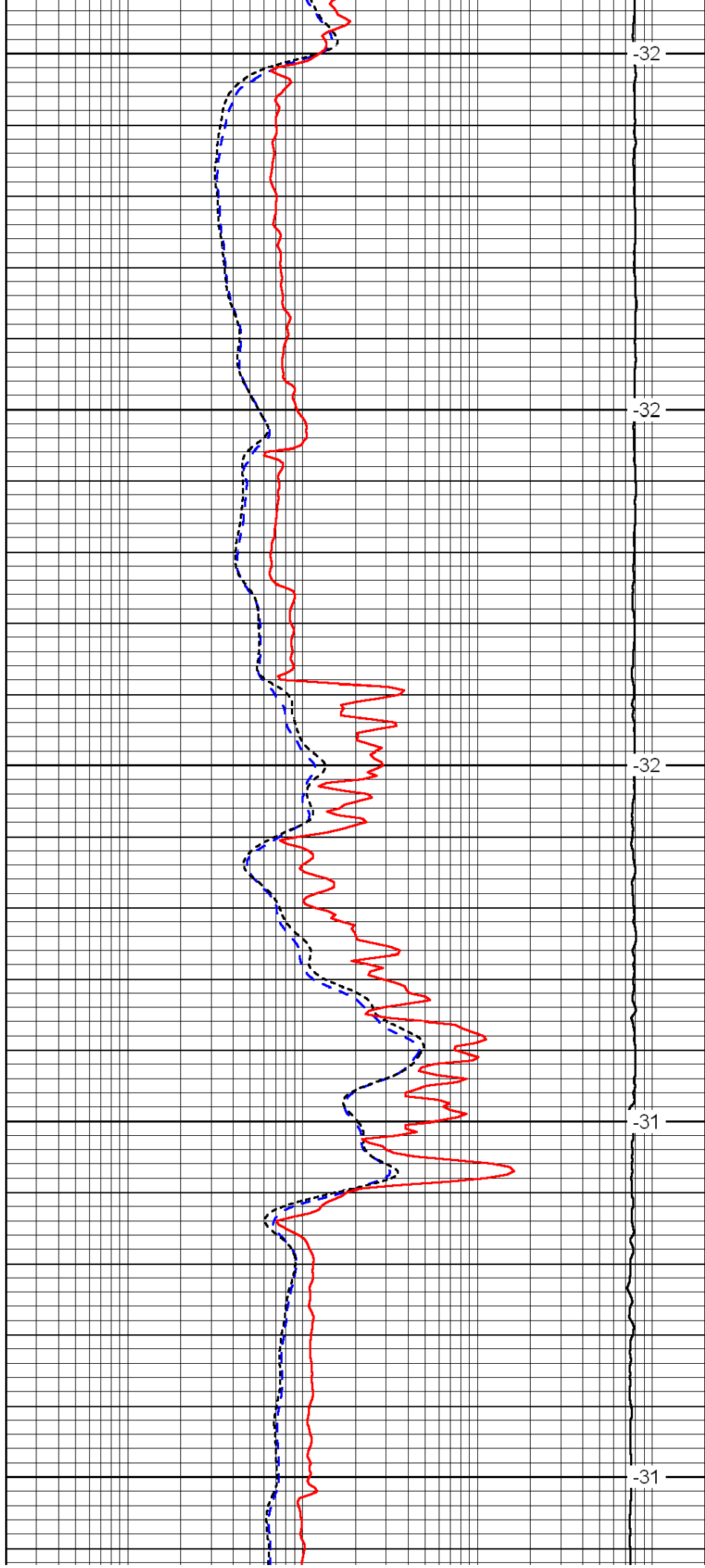
2950

3000

3050

3100

3150



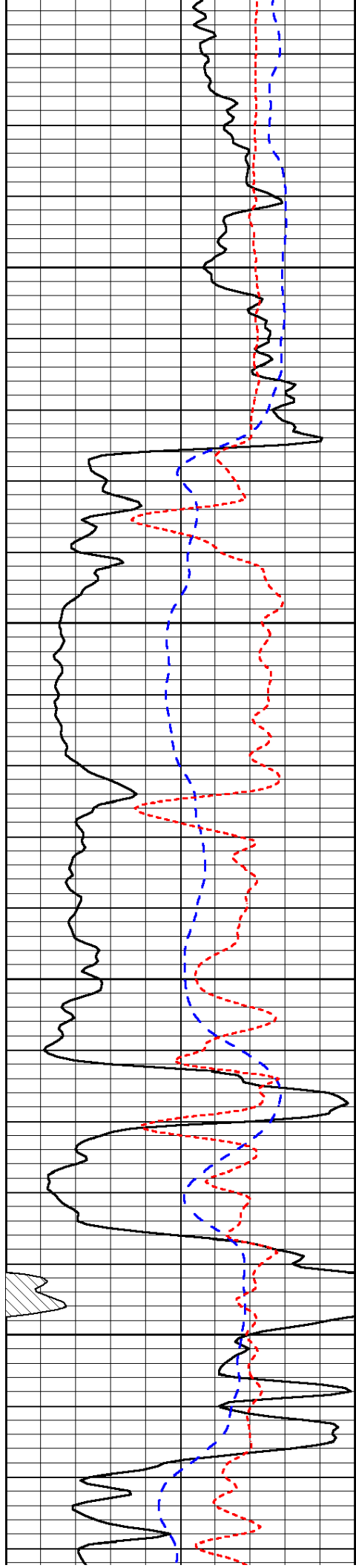
-32

-32

-32

-31

-31

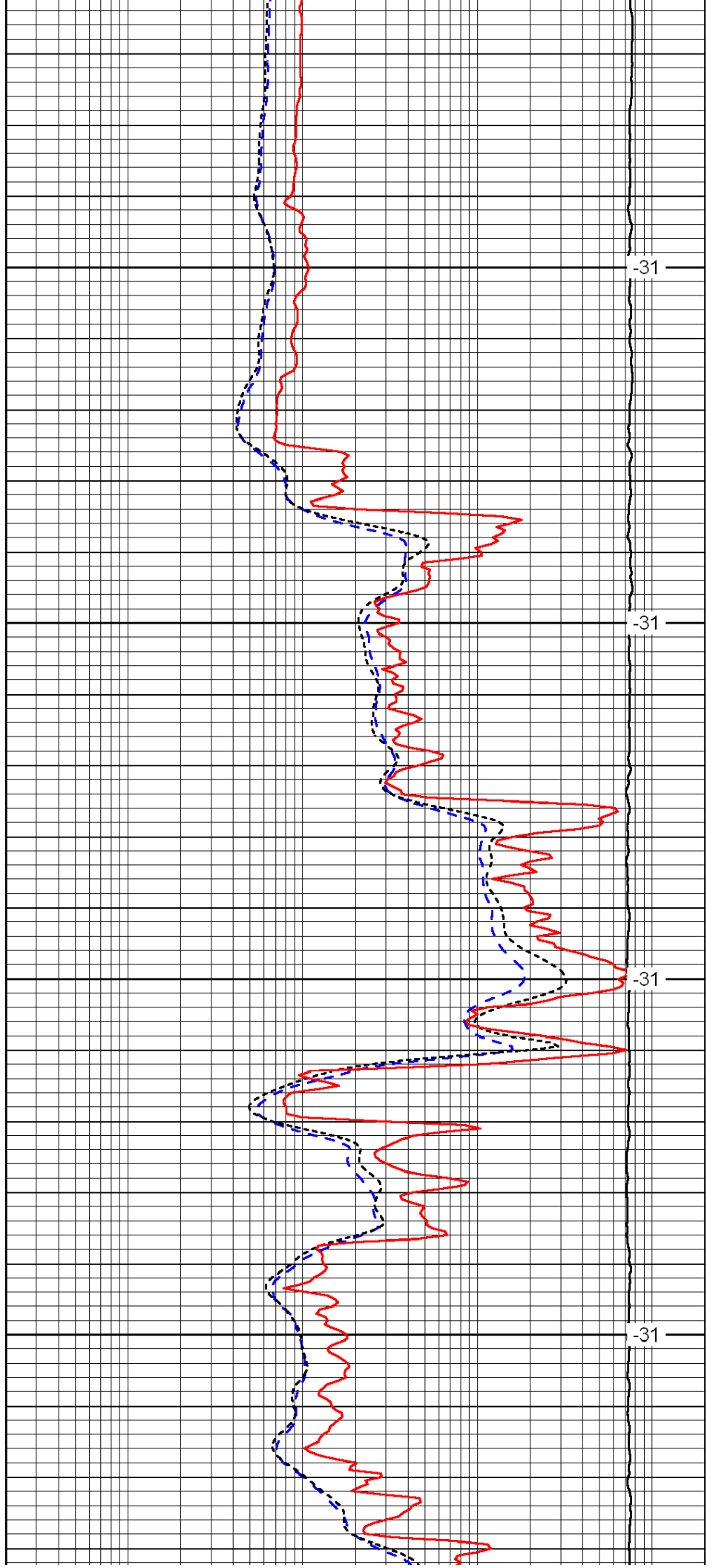


3200

3250

3300

3350

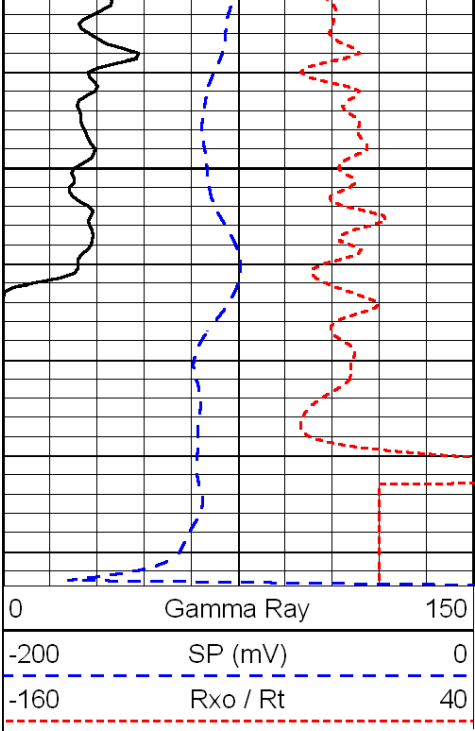


-31

-31

-31

-31



3400

