

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-145-21587-00-00

Company **Carmen Schmitt, Inc.**

Well **S-F Unit No. 1**

Field **W.C.**

County **Pawnee**

State

Kansas

Location

**SE - NE - NE - NE
550' FNL & 150' FEL**

Sec: **32**

Twp: **22 S**

Rge: **18 W**

Permanent Datum **Ground Level** Elevation **2104**
Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Other Services

CNL/CDL

Elevation
K.B. 2109
D.F.
G.L. 2104

Date

8/23/2009

Run Number

One

Depth Driller

4450

Depth Logger

4452

Bottom Logged Interval

4451

Top Log Interval

300

Casing Driller

8.625 @ 347

Casing Logger

347

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

8.800

Density / Viscosity

9.3

54

pH / Fluid Loss

11.0

9.5

Source of Sample

Flowline

Rm @ Meas. Temp

0.90 @ 80

Rmf @ Meas. Temp

0.68 @ 80

Rmc @ Meas. Temp

1.22 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

0.60 @ 121

Operating Rig Time

2-1/2 Hours

Max Rec. Temp. F

121

Equipment Number

15

Location

Hays

Recorded By

Becker

Witnessed By

Brad Rine

<<< 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

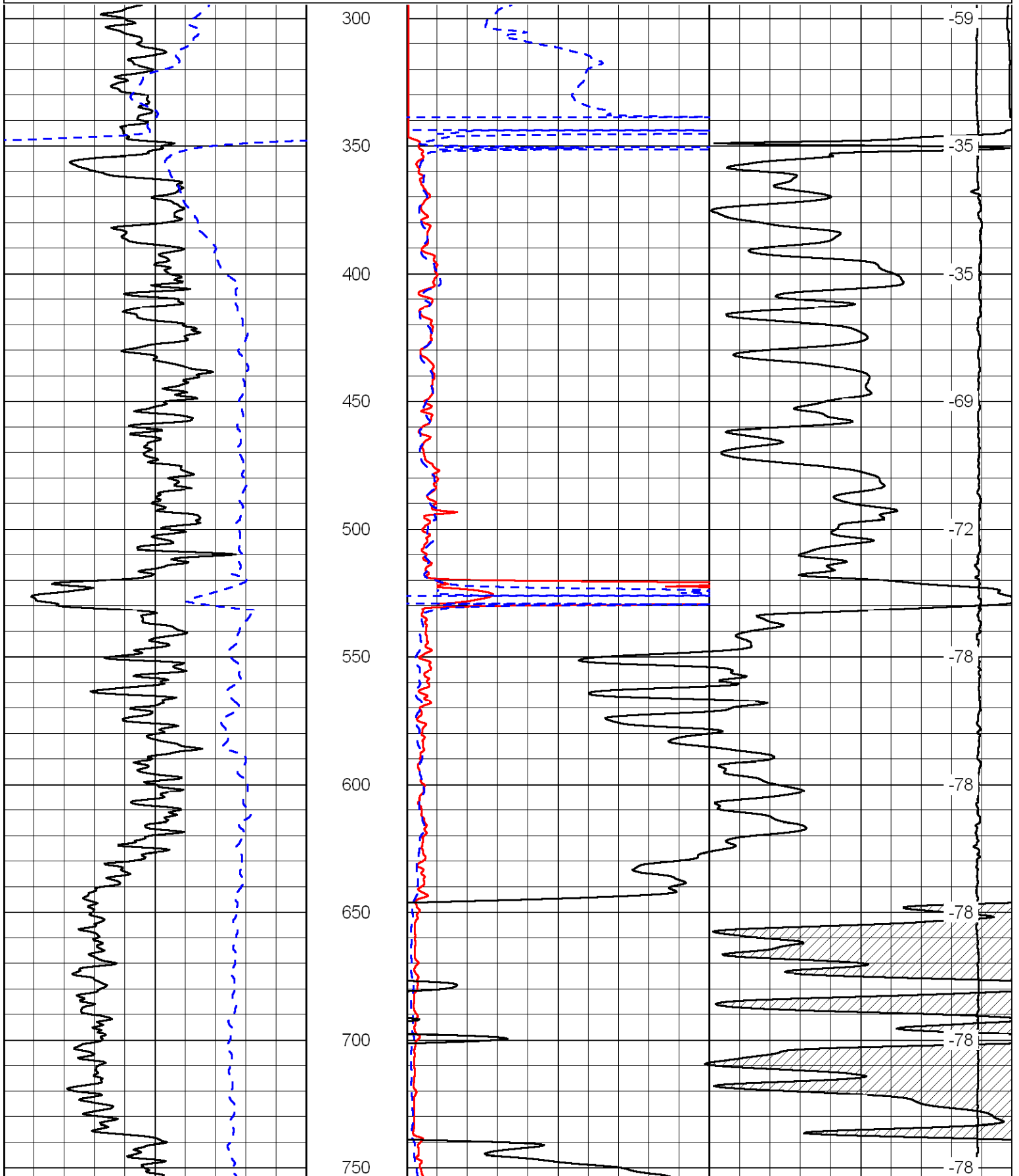
Thank you for using Log-Tech, Inc.
(785) 625-3858

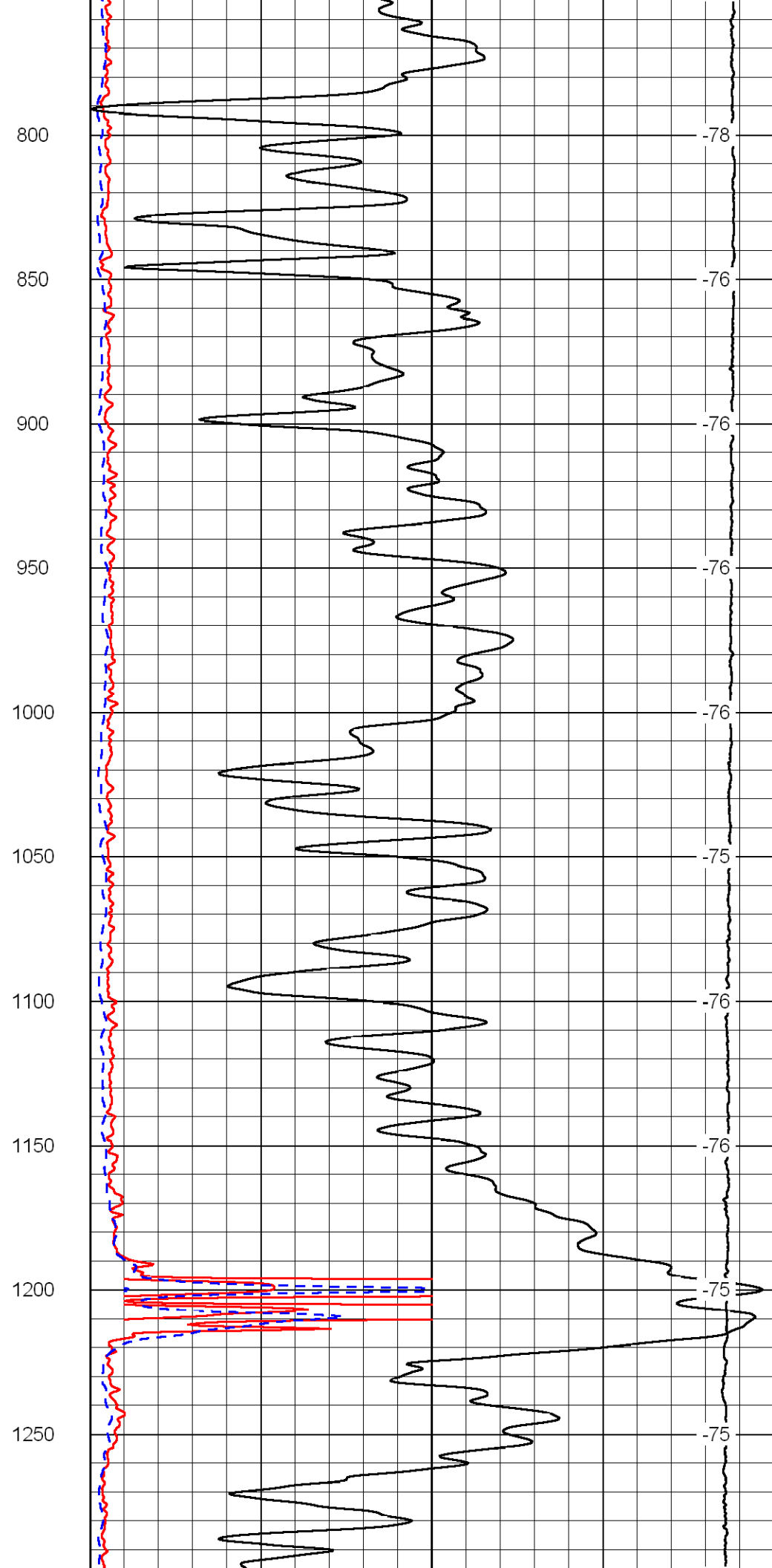
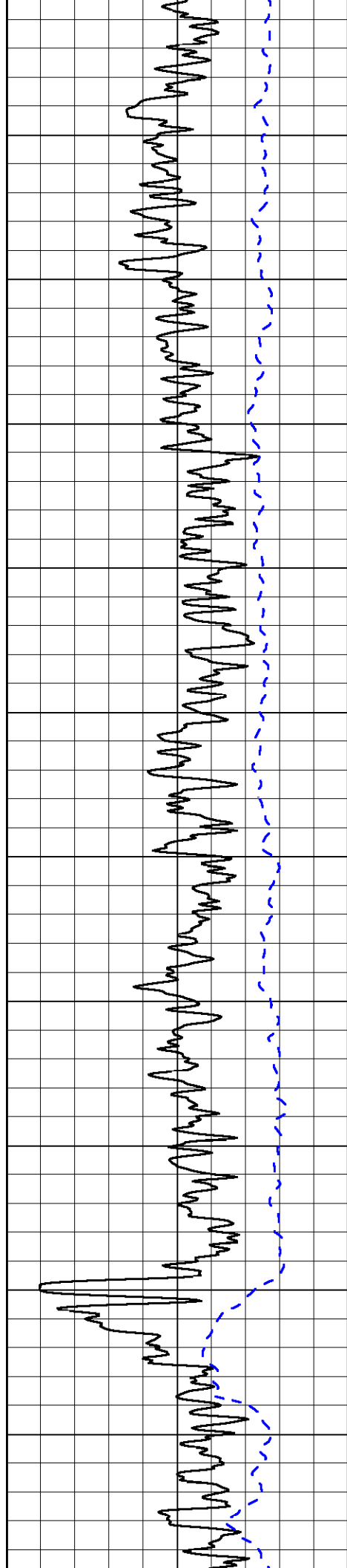
Jct Hwy 183/156 (Sanford Elevator); 6 South;
1/8th West; South Into

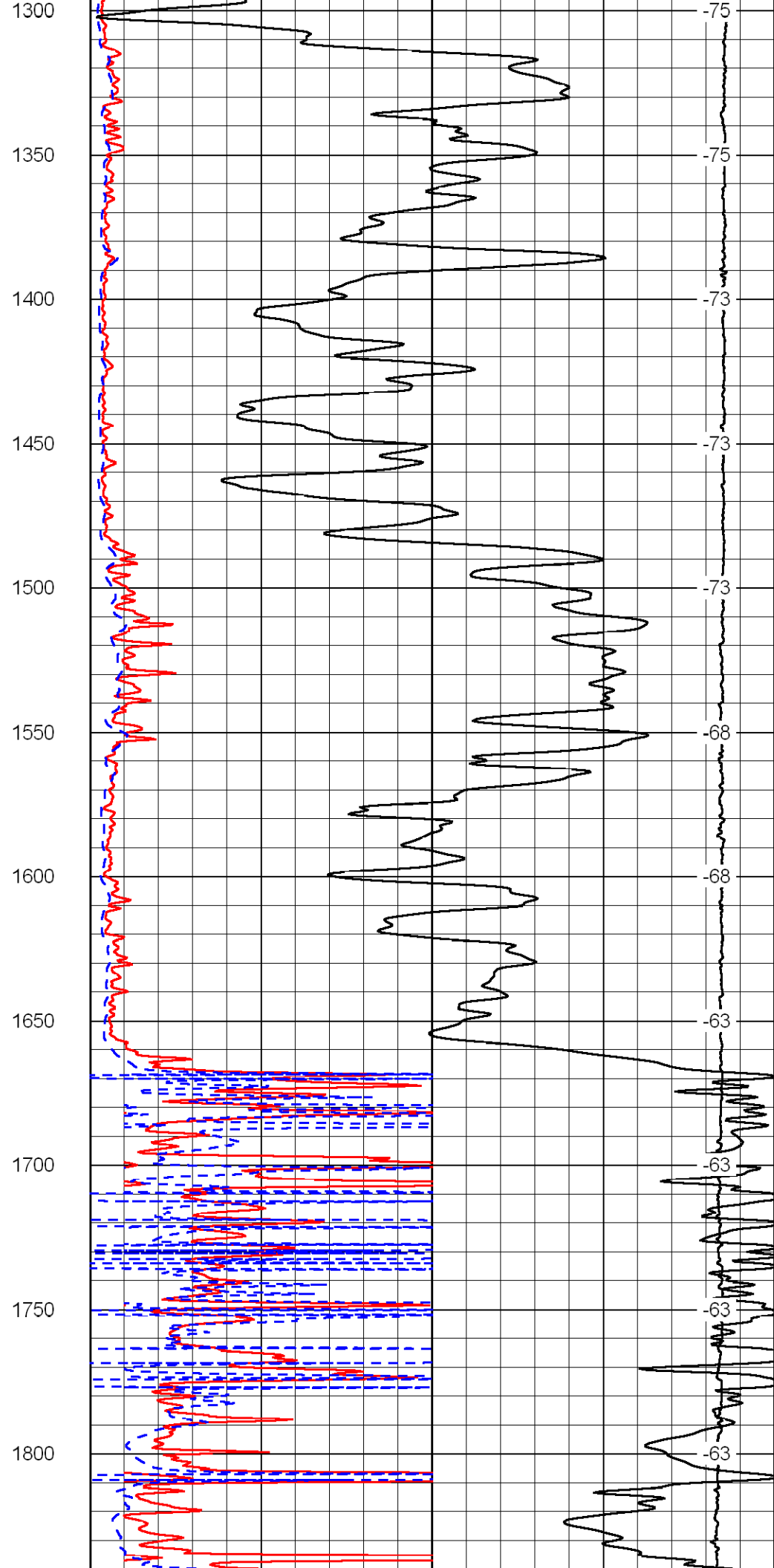
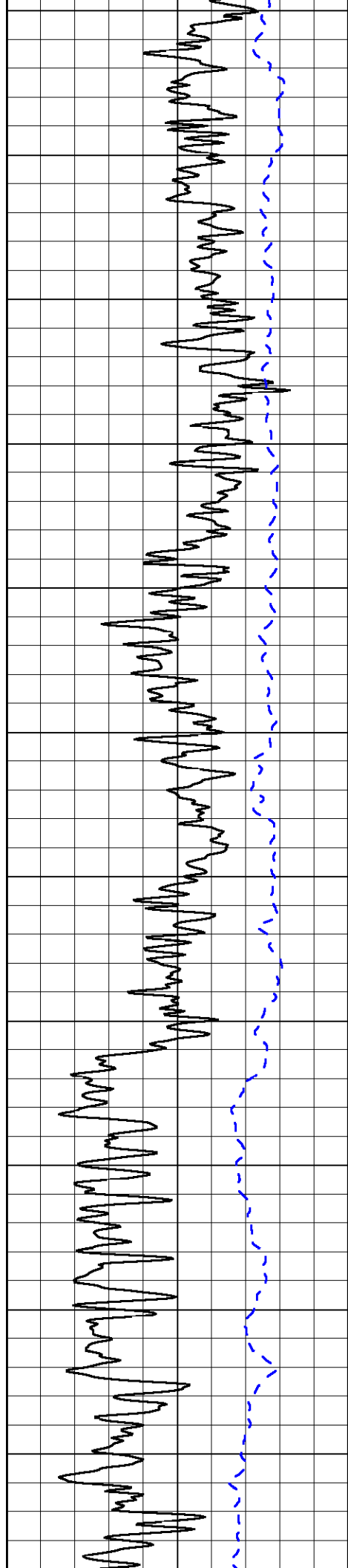
Database File: c:\warrior\data\carmen schmitt_s-f unit no. 1\cs hd.db
Dataset Pathname: DIL/csstk
Presentation Format: dil2in
Dataset Creation: Sun Aug 23 12:26:57 2009
Charted by: Depth in Feet scaled 1:600

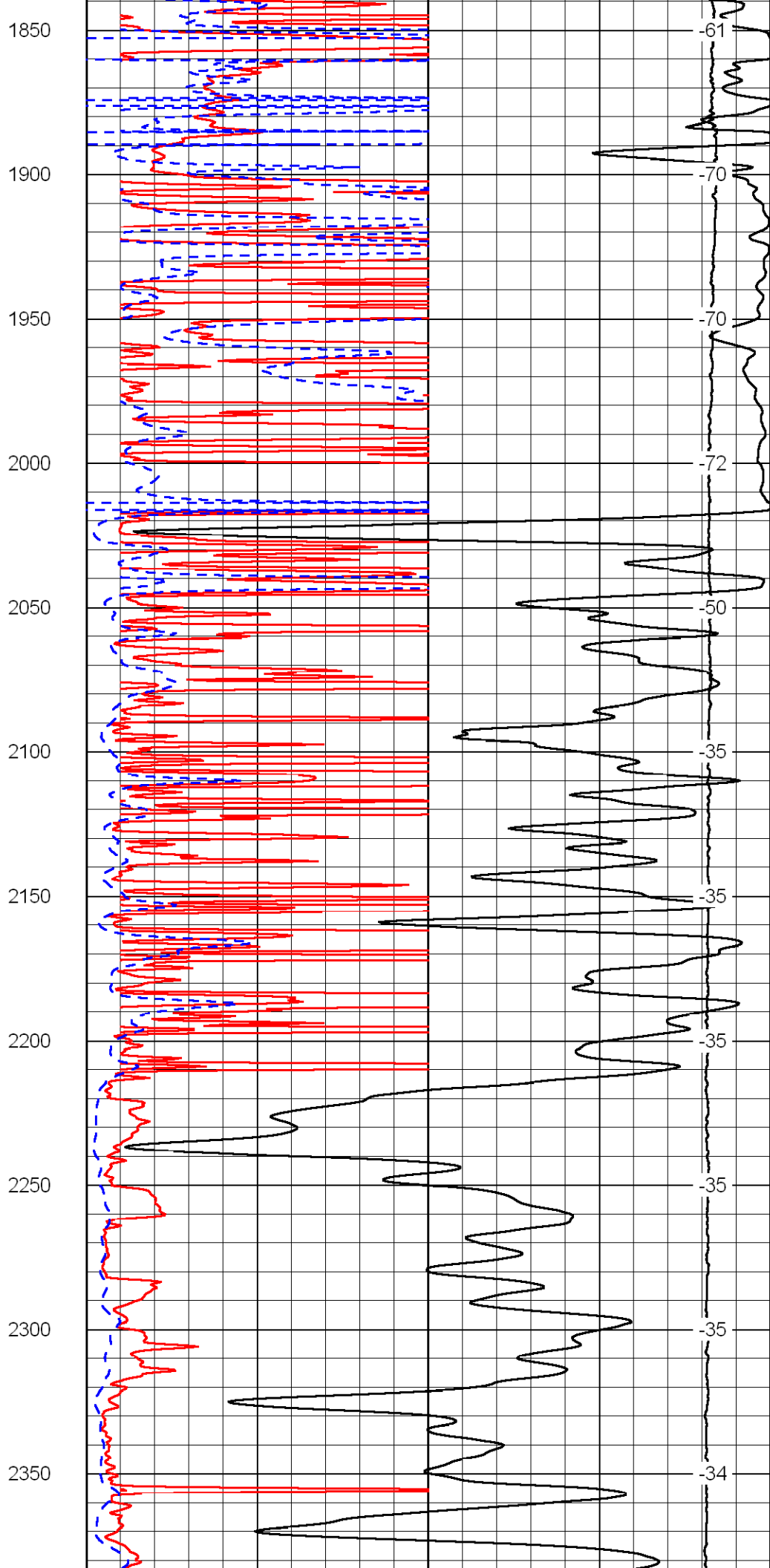
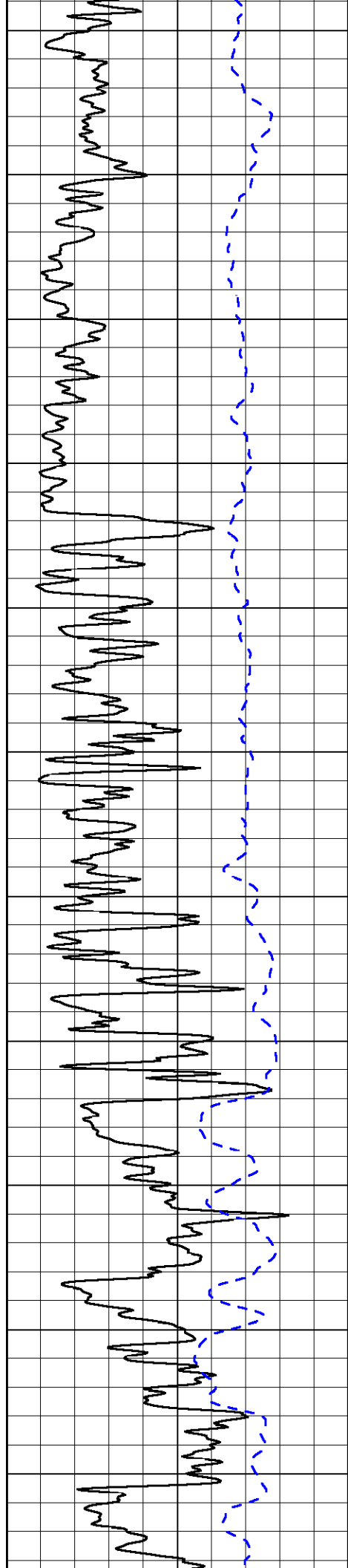
0	Gamma Ray	150
-200	SP (MV)	0

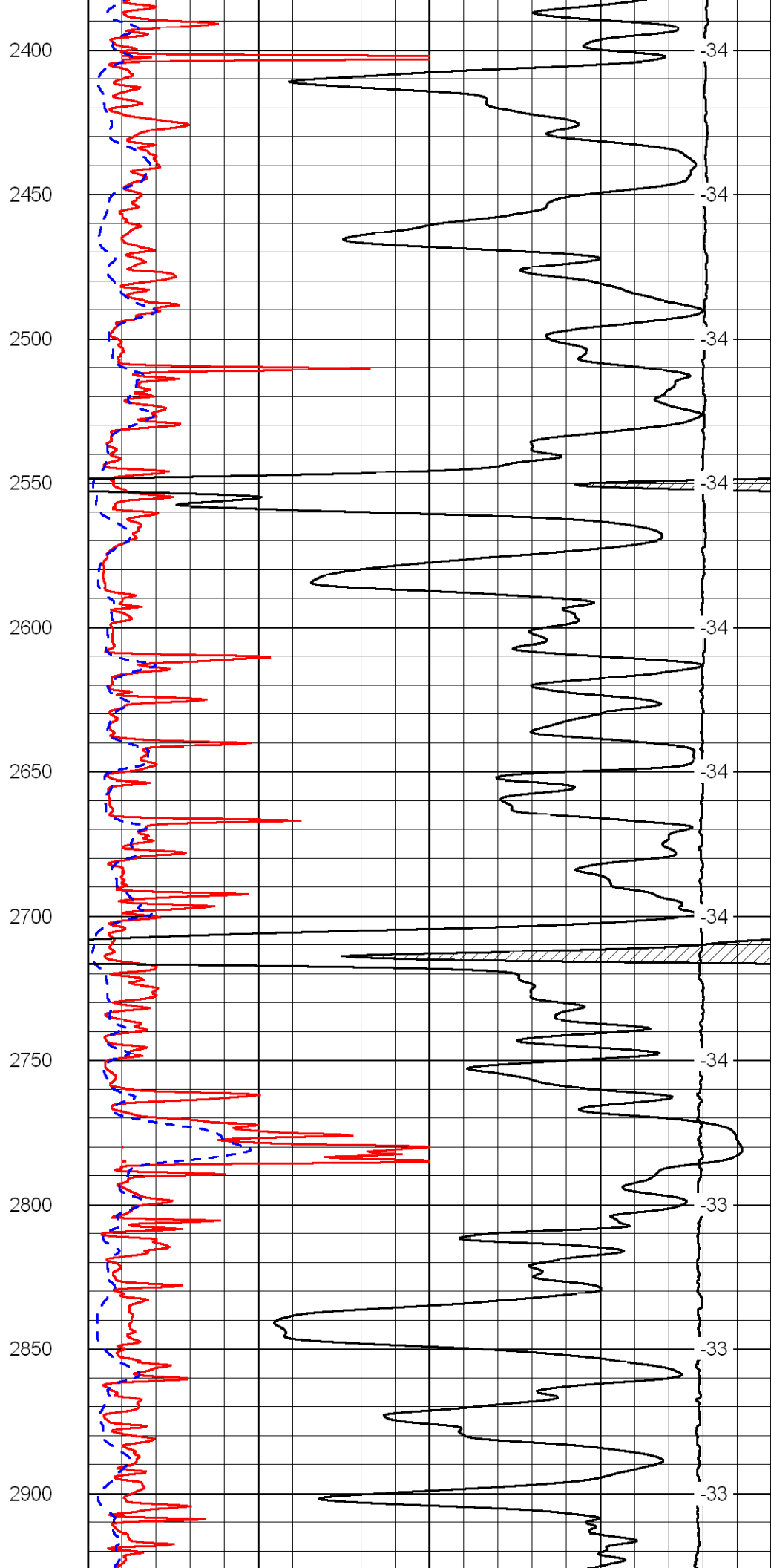
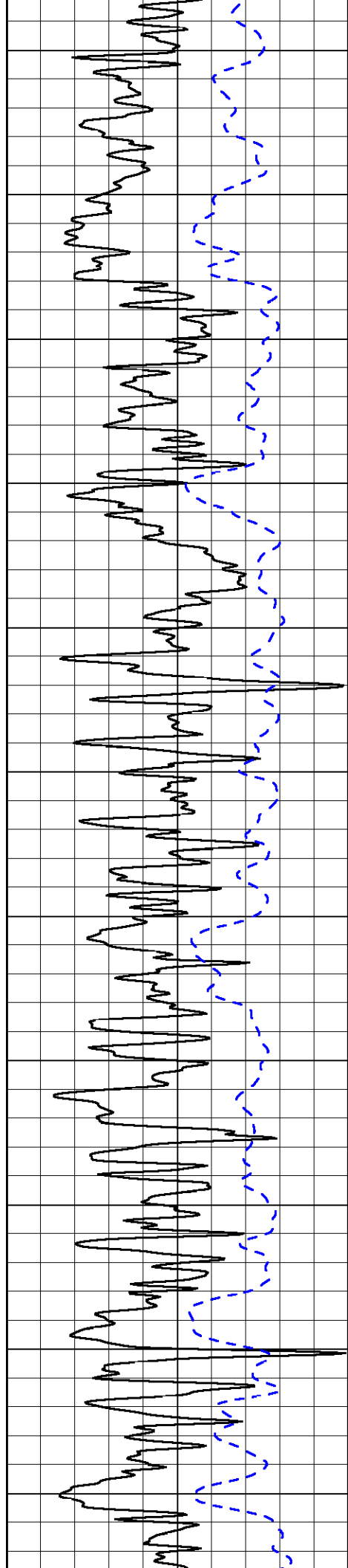
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

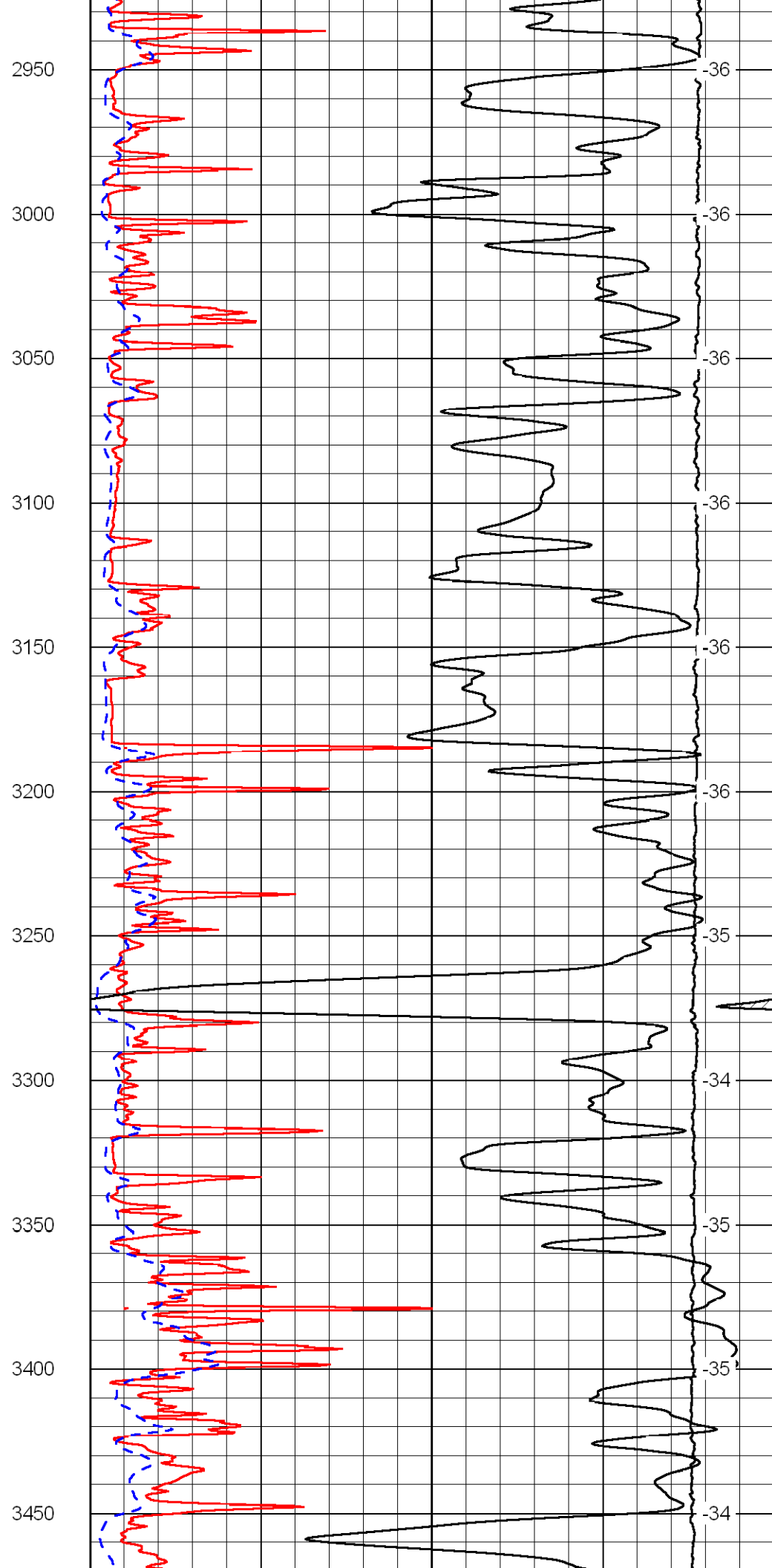
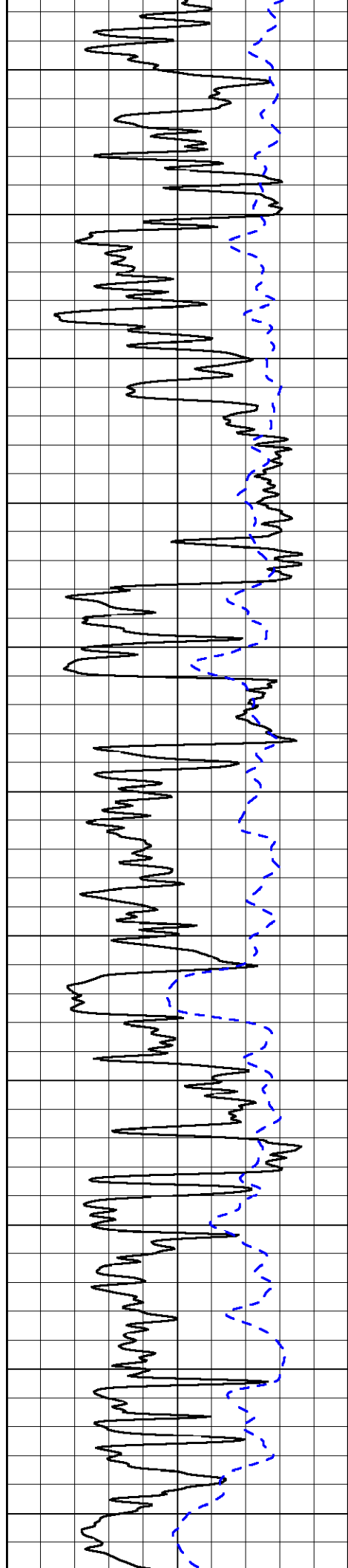


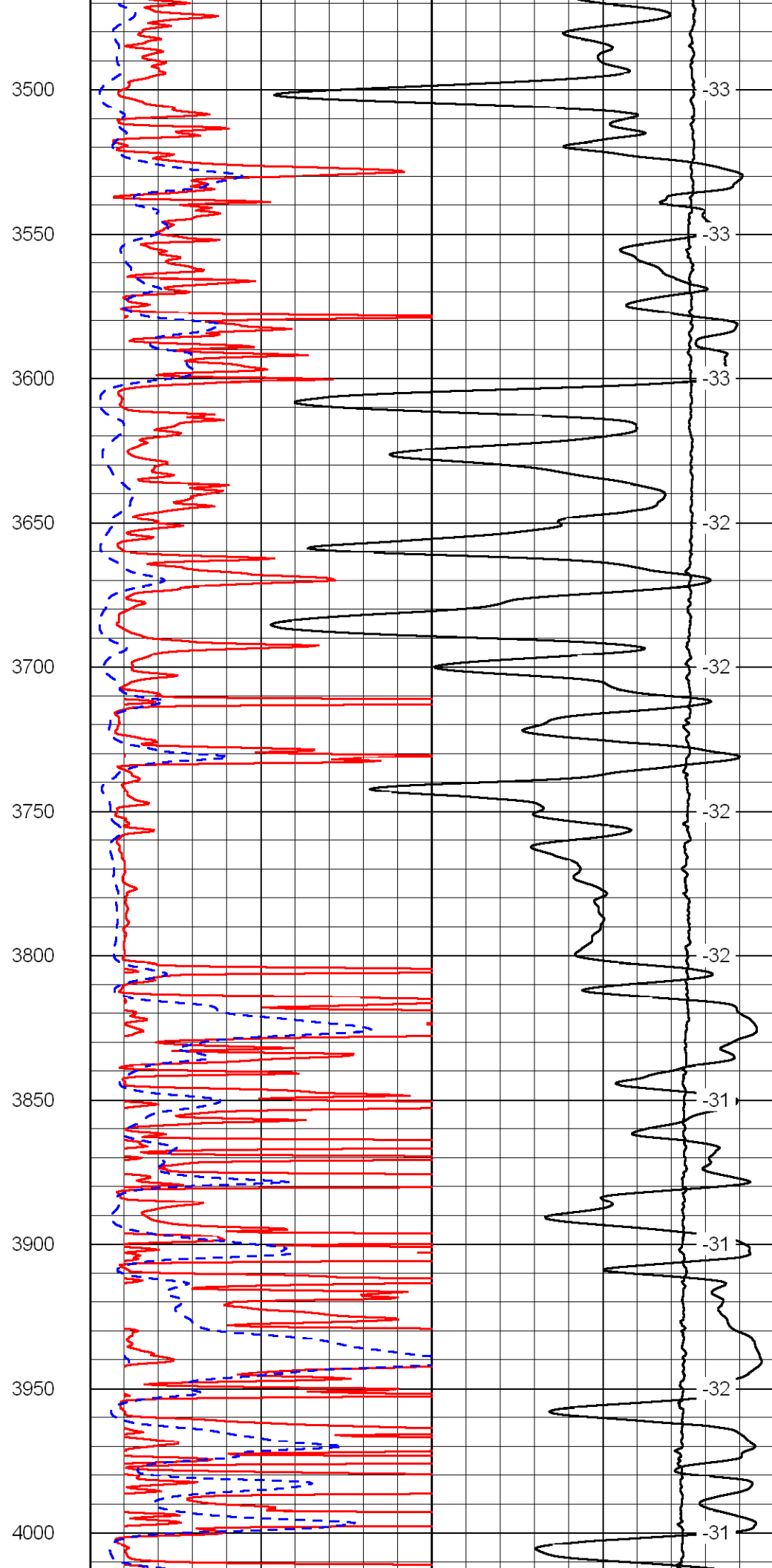
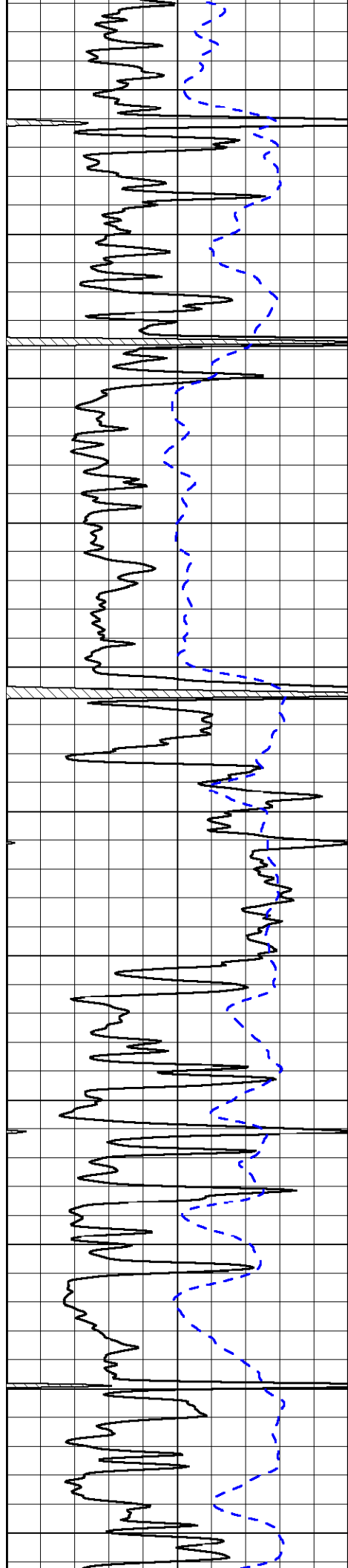


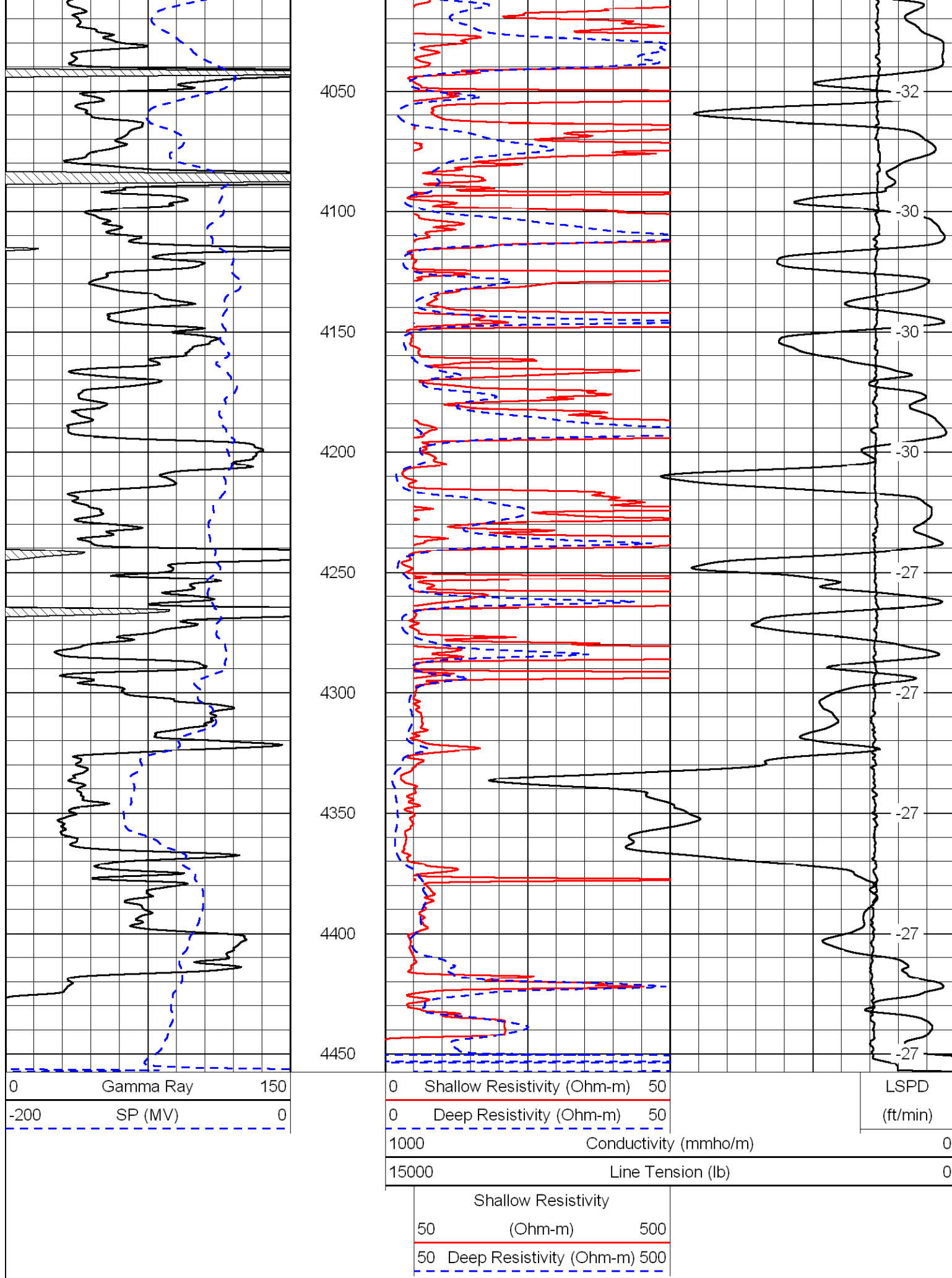










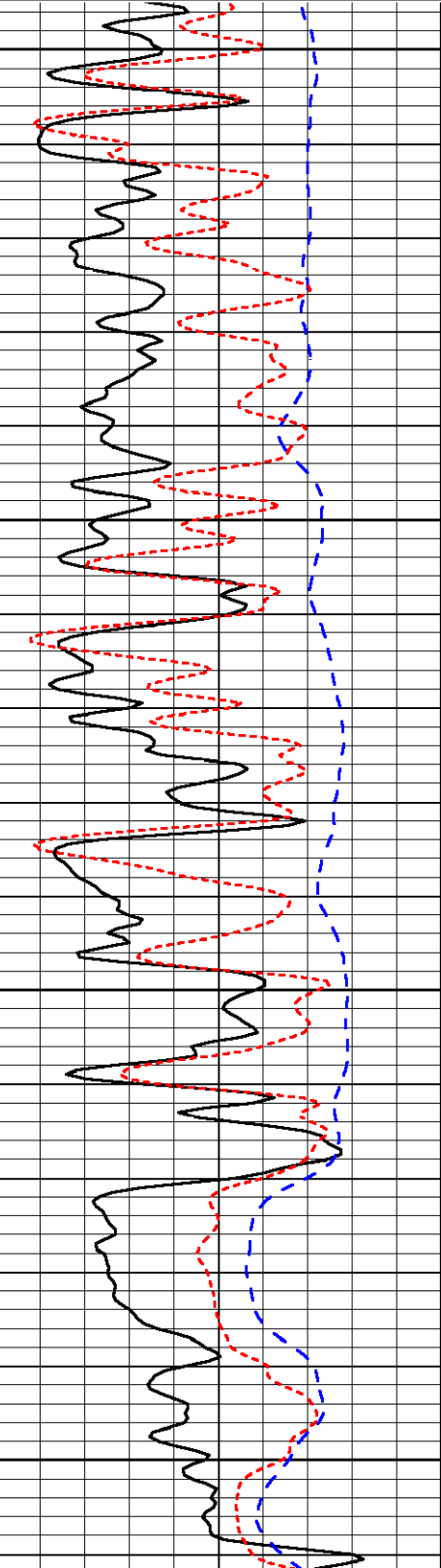


Database File: c:\warrior\data\carmen schmitt_s-f unit no. 1\cs hd.db
Dataset Pathname: DIL/csstk
Presentation Format: dil
Dataset Creation: Sun Aug 23 12:26:57 2009
Charted by: Depth in Feet scaled 1:240

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

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)

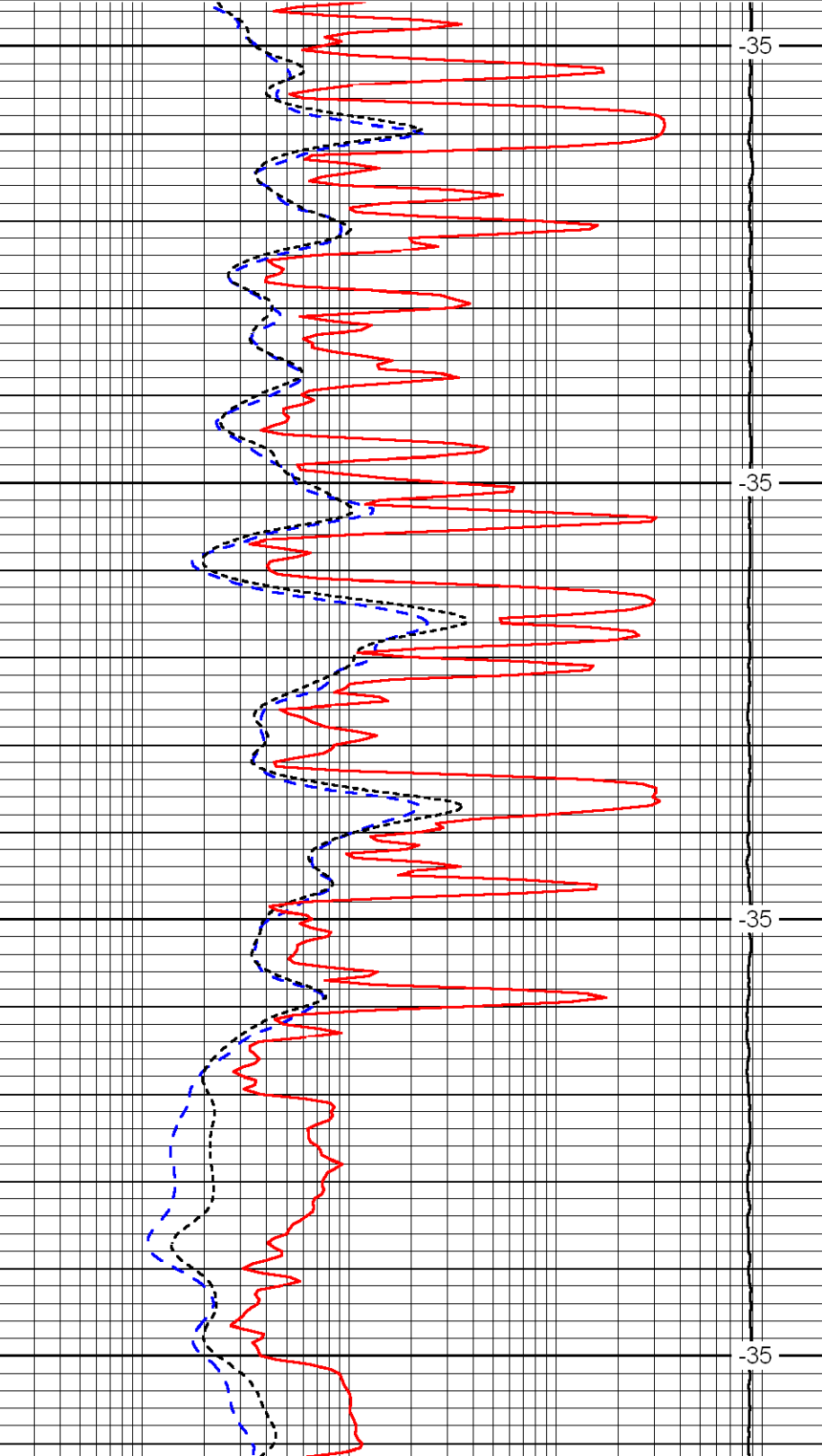


2100

2150

2200

2250

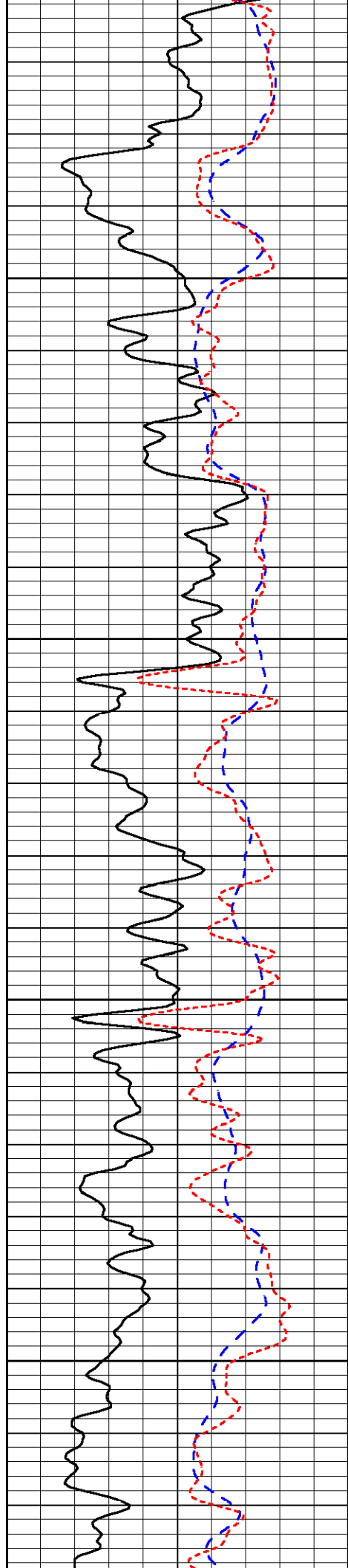


-35

-35

-35

-35

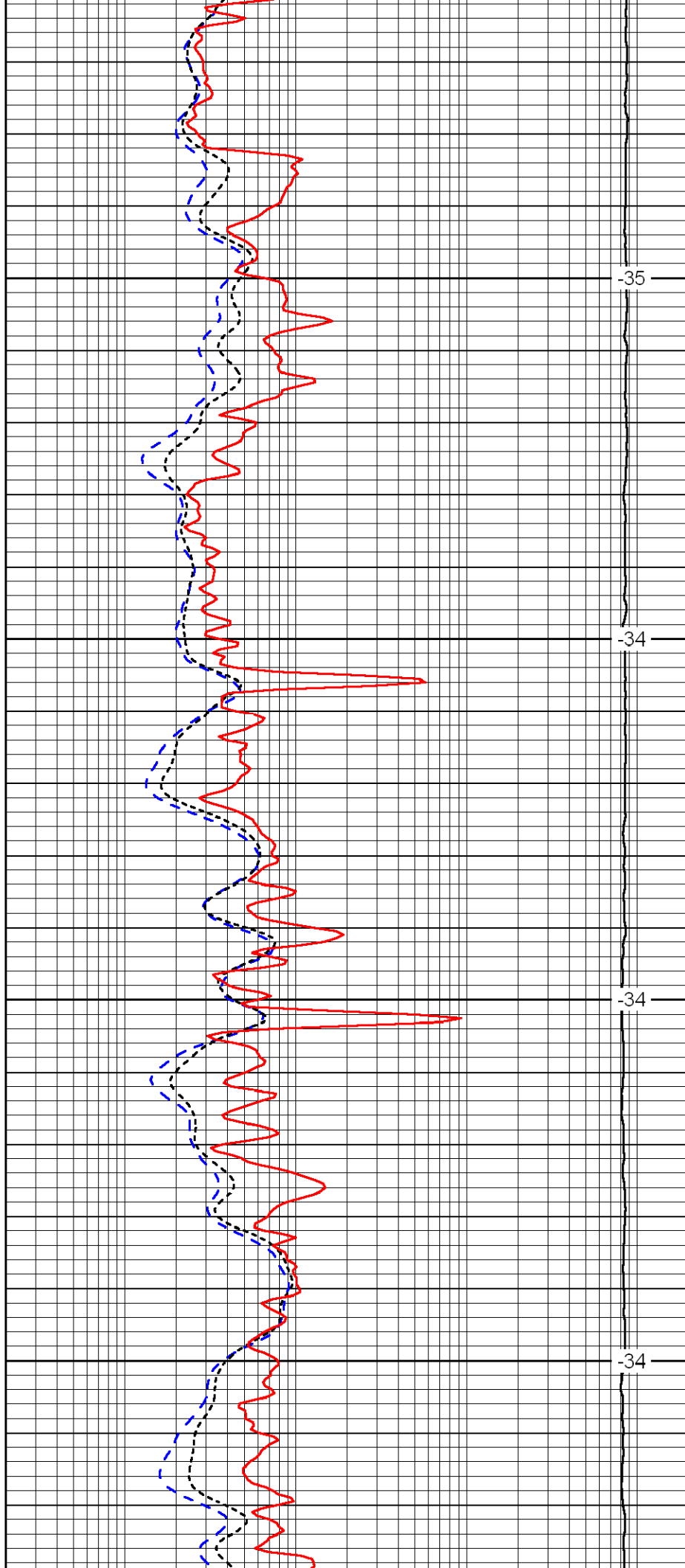


2300

2350

2400

2450

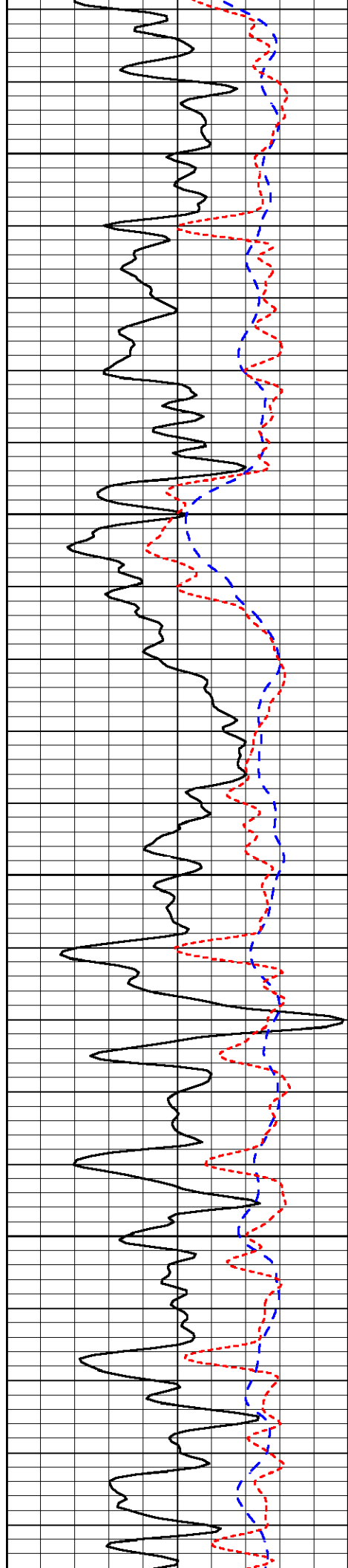


-35

-34

-34

-34

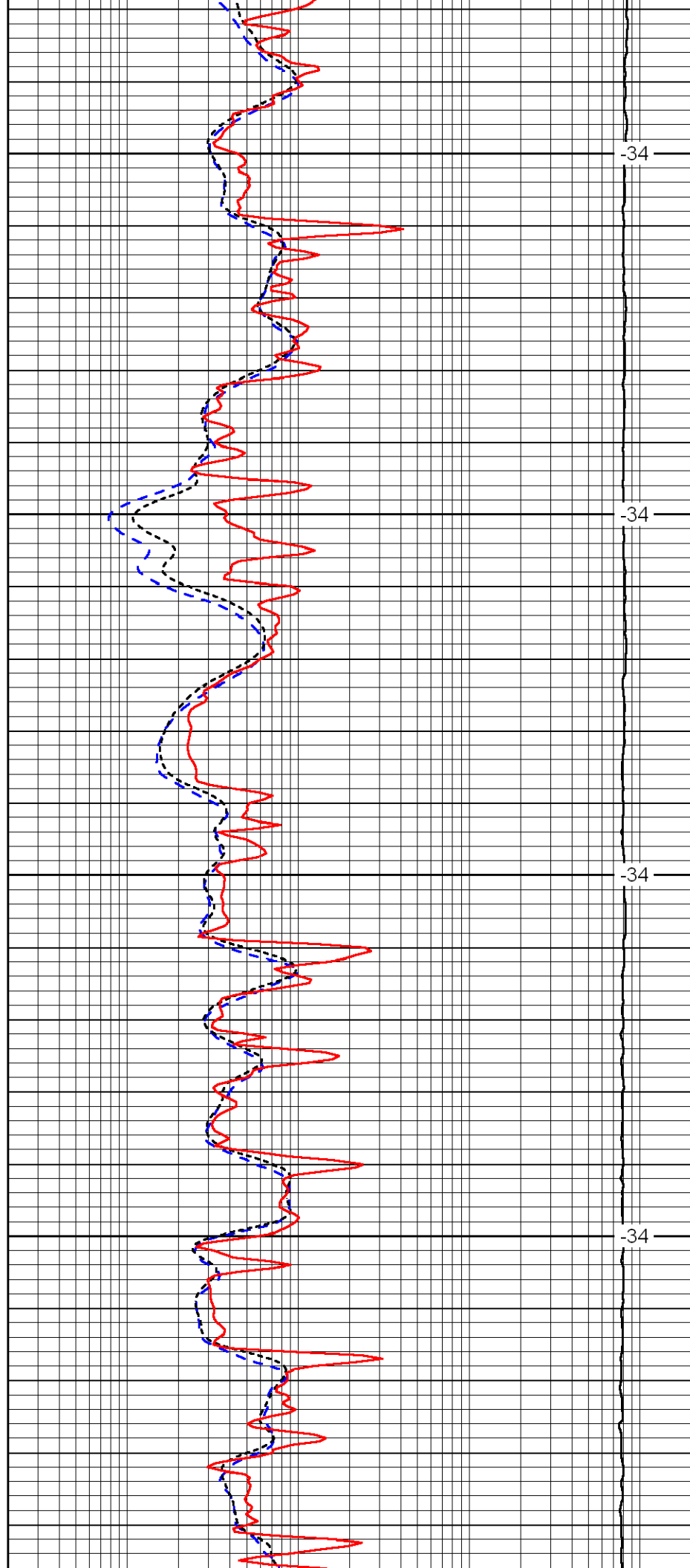


2500

2550

2600

2650

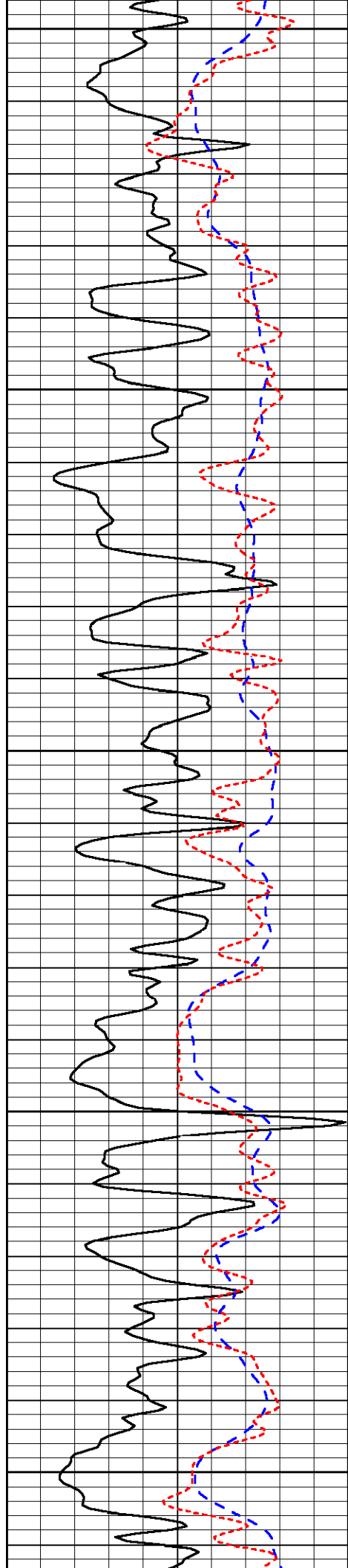


-34

-34

-34

-34



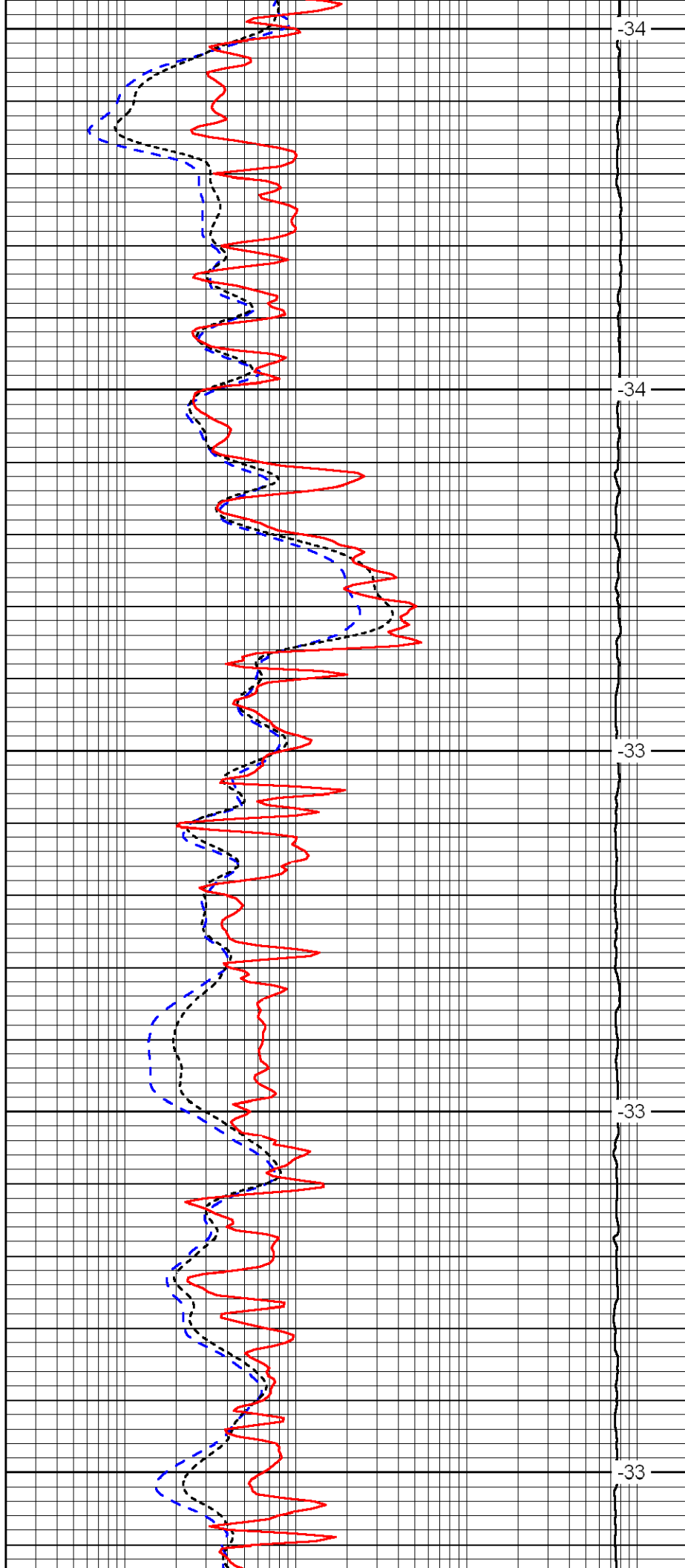
2700

2750

2800

2850

2900



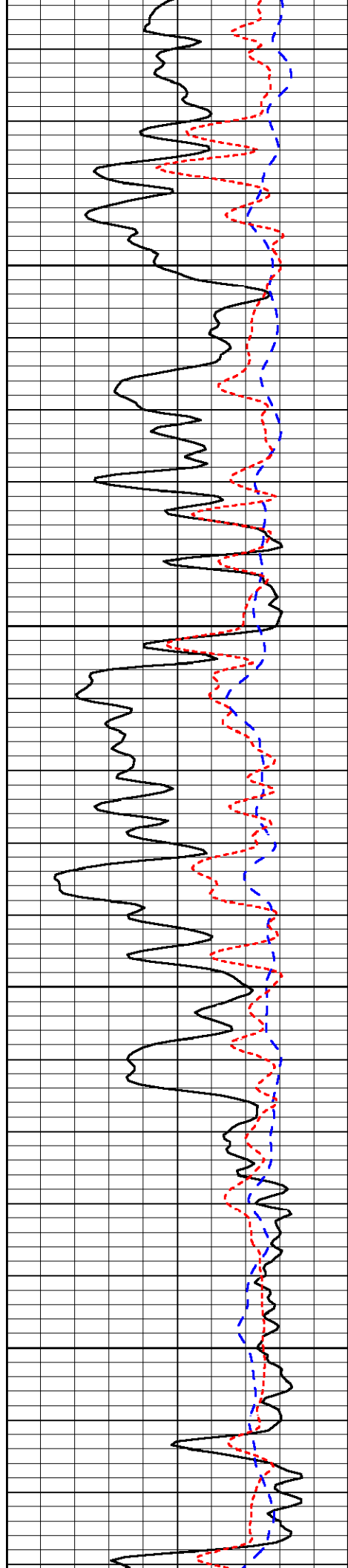
-34

-34

-33

-33

-33

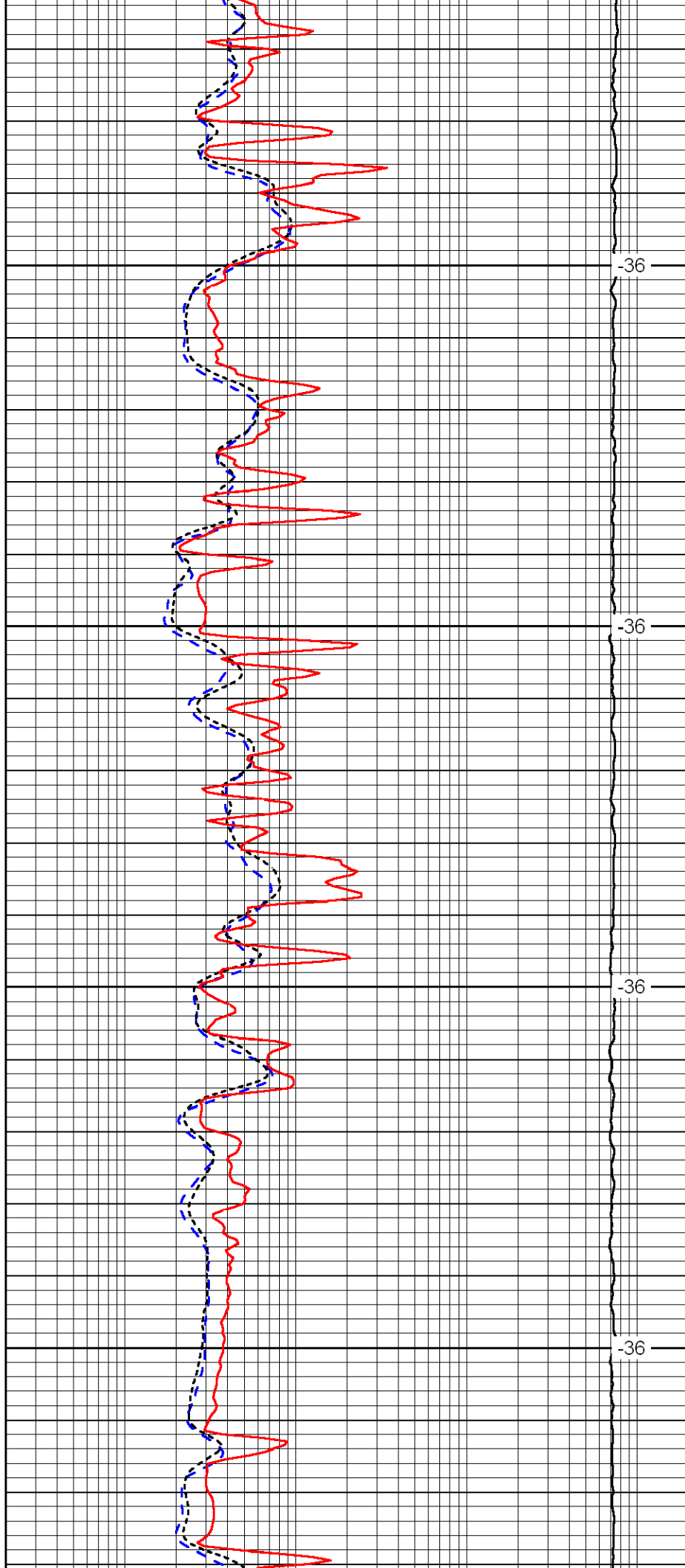


2950

3000

3050

3100

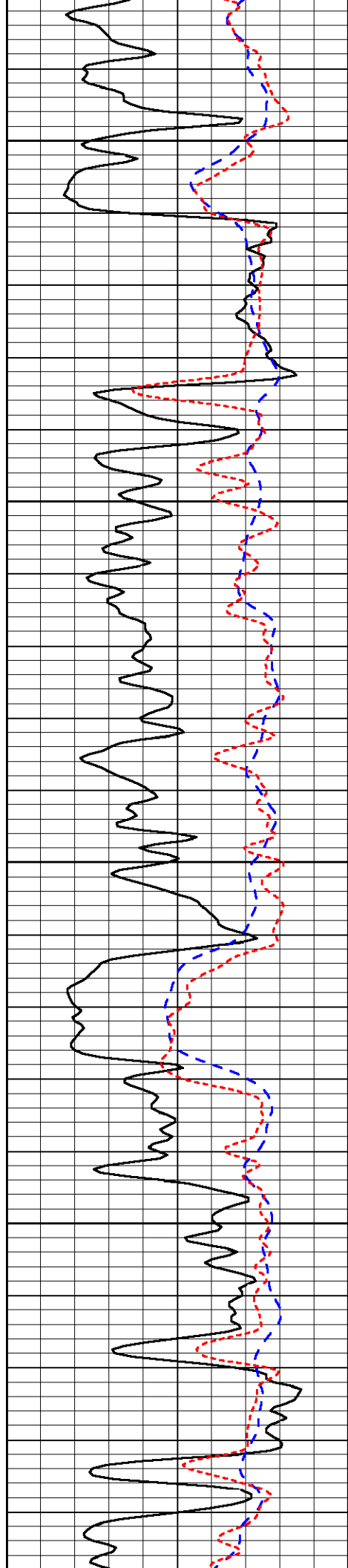


-36

-36

-36

-36

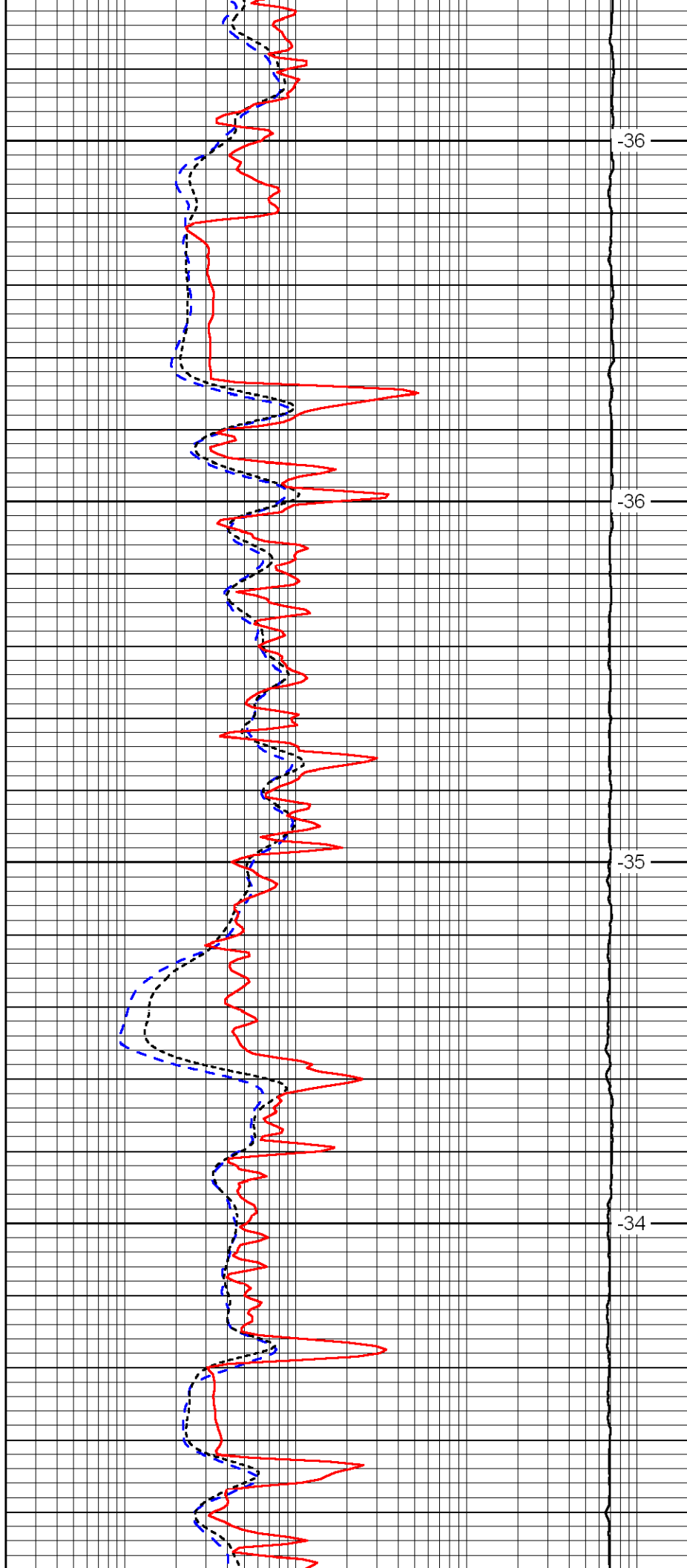


3150

3200

3250

3300

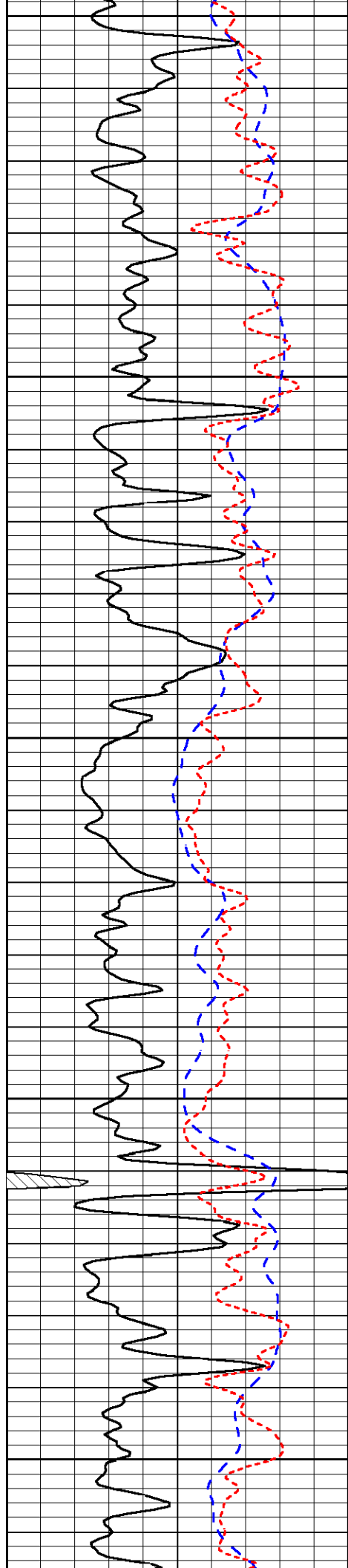


-36

-36

-35

-34



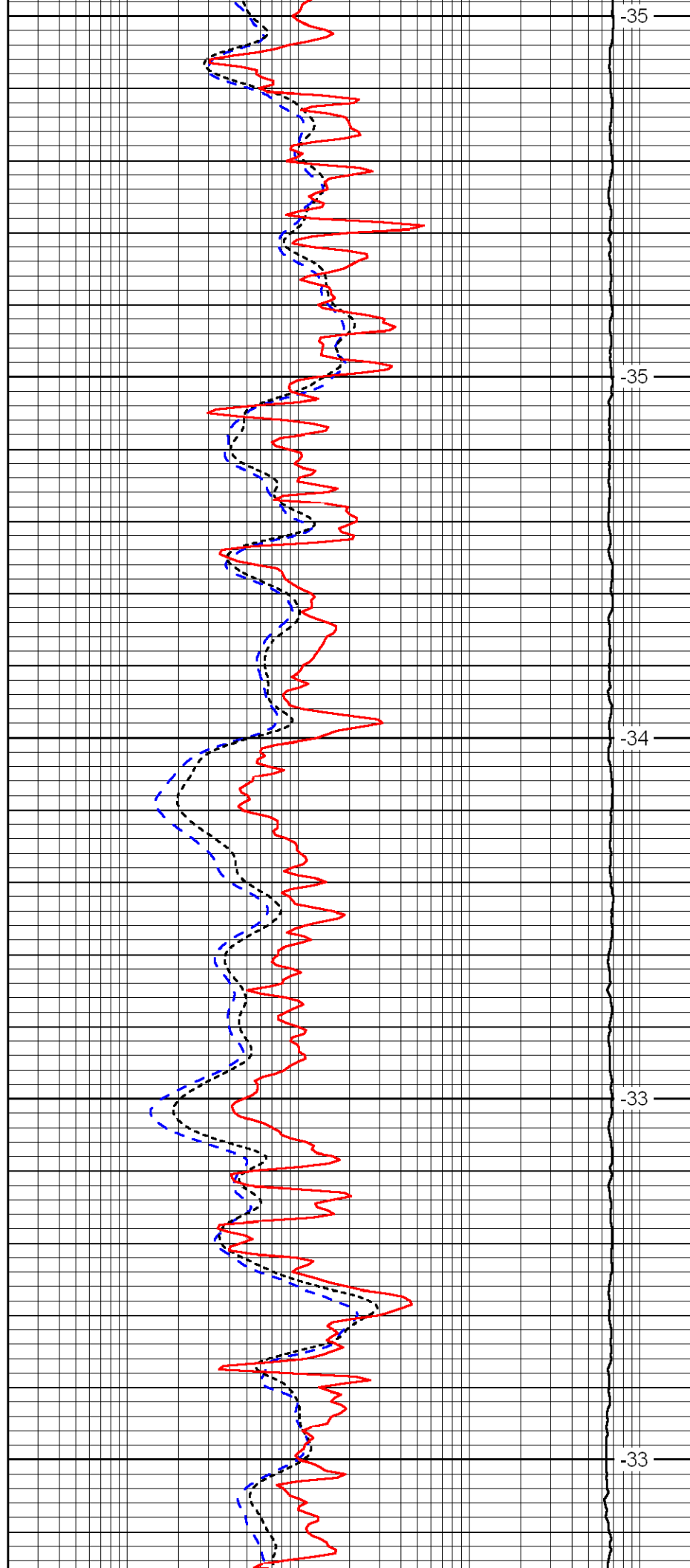
3350

3400

3450

3500

3550



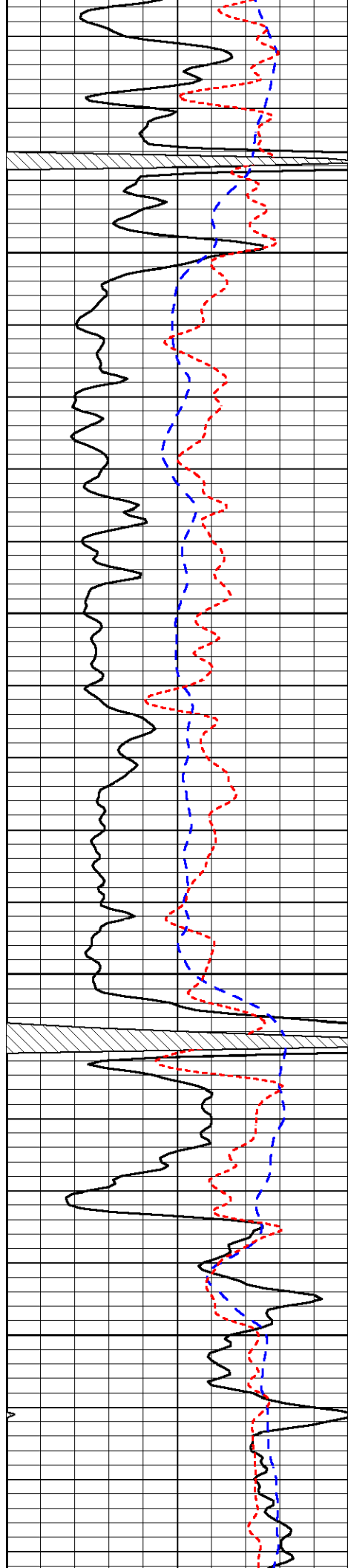
-35

-35

-34

-33

-33

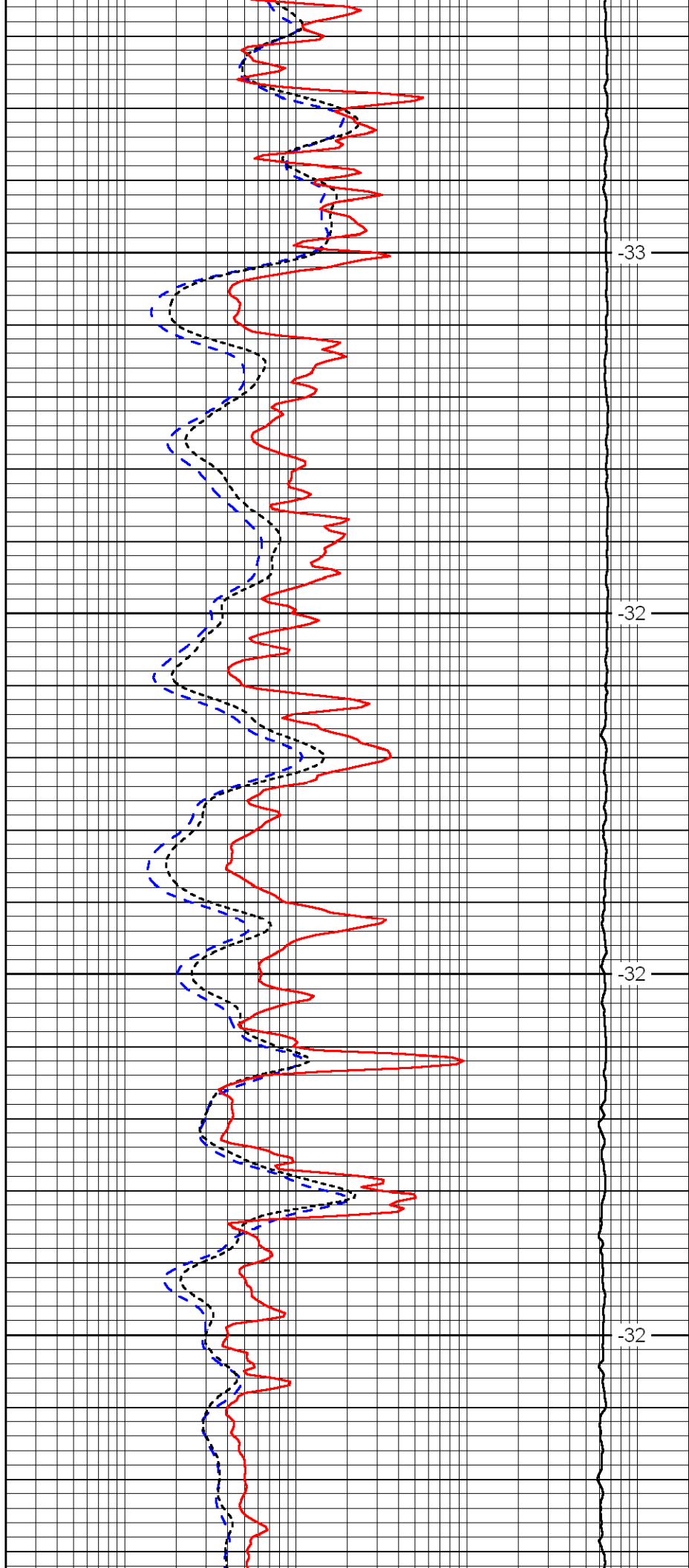


3600

3650

3700

3750

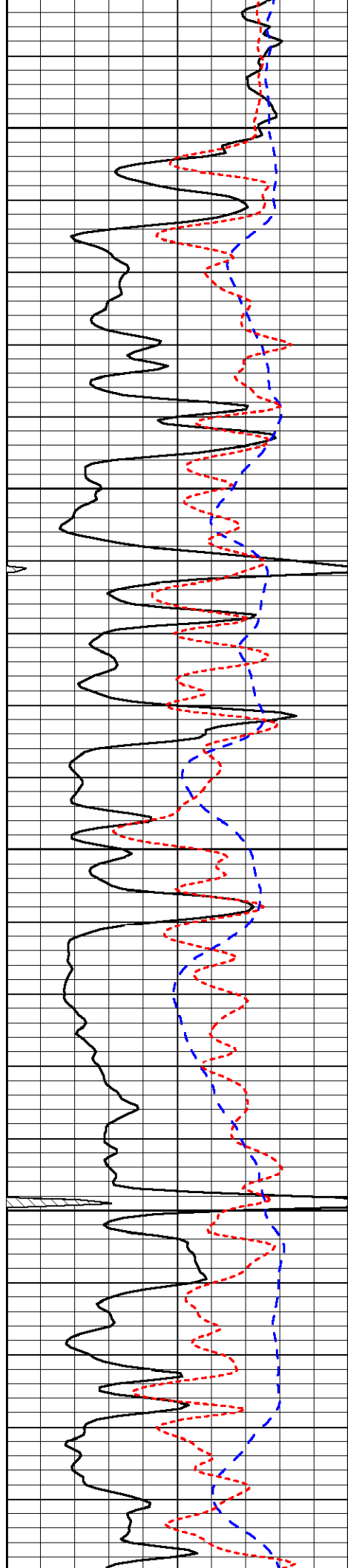


-33

-32

-32

-32



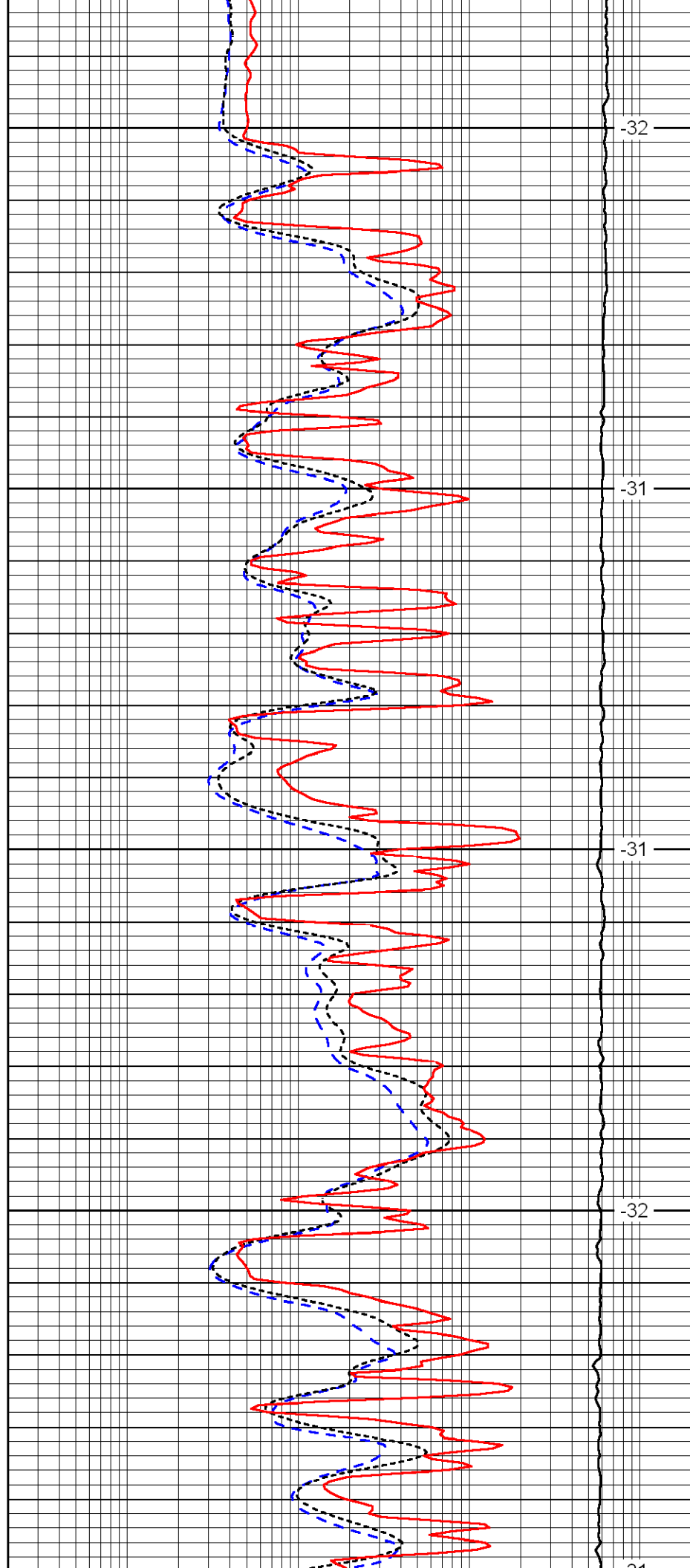
3800

3850

3900

3950

4000



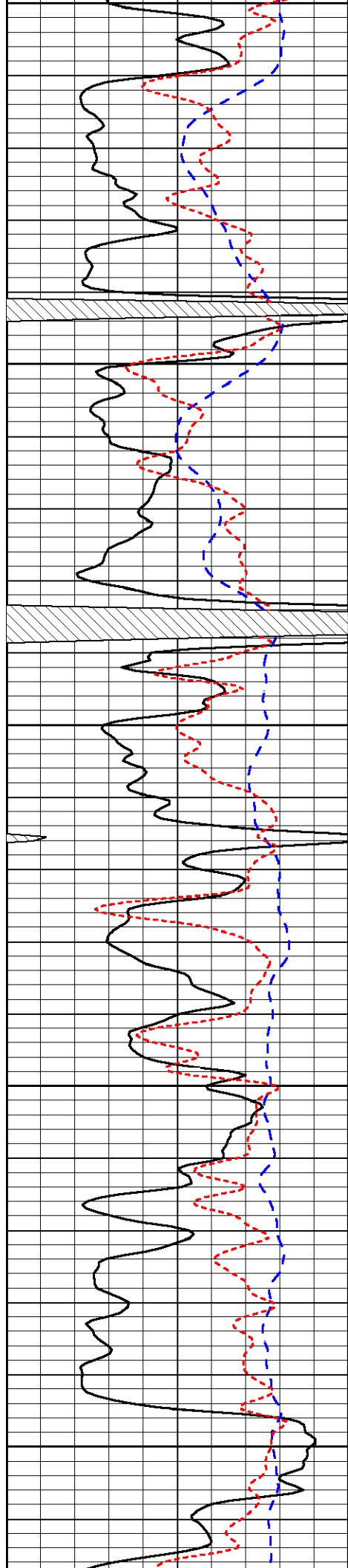
-32

-31

-31

-32

-31



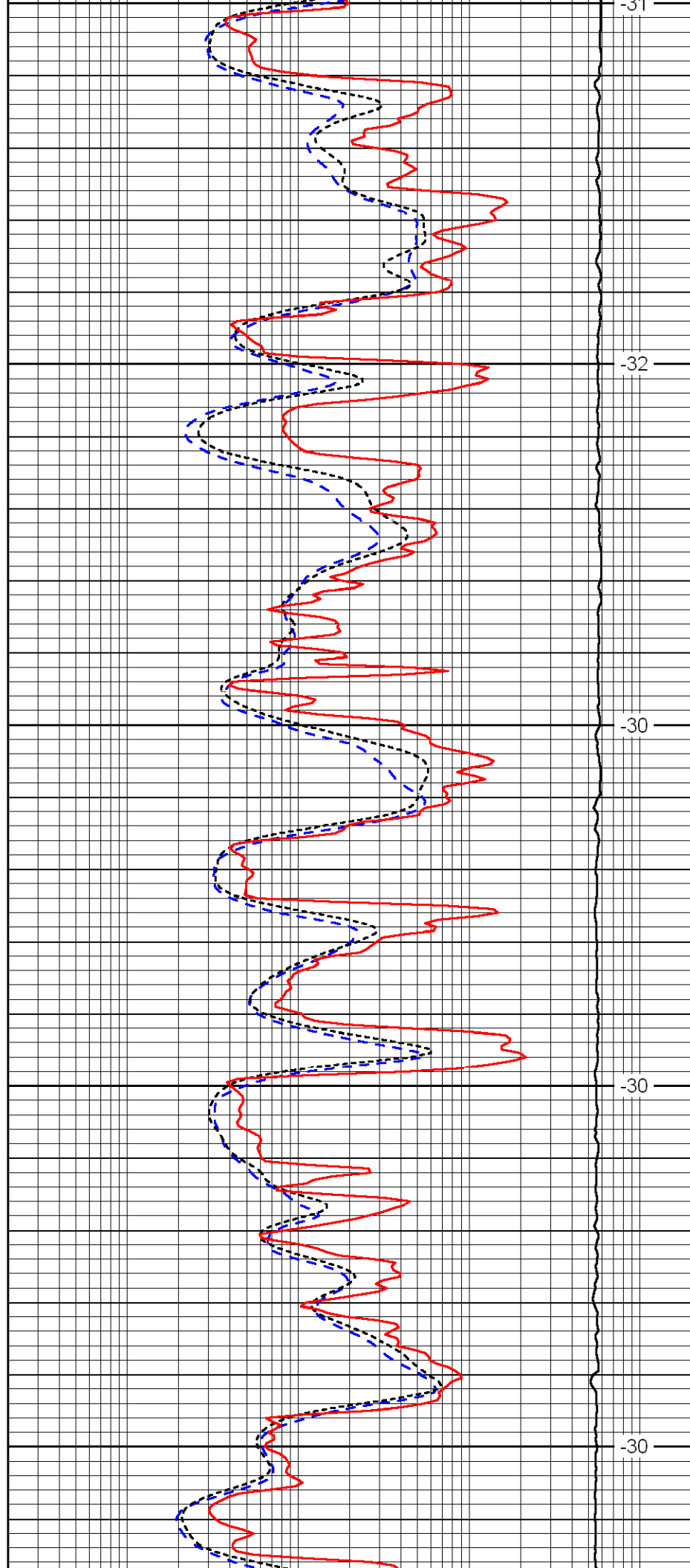
4000

4050

4100

4150

4200



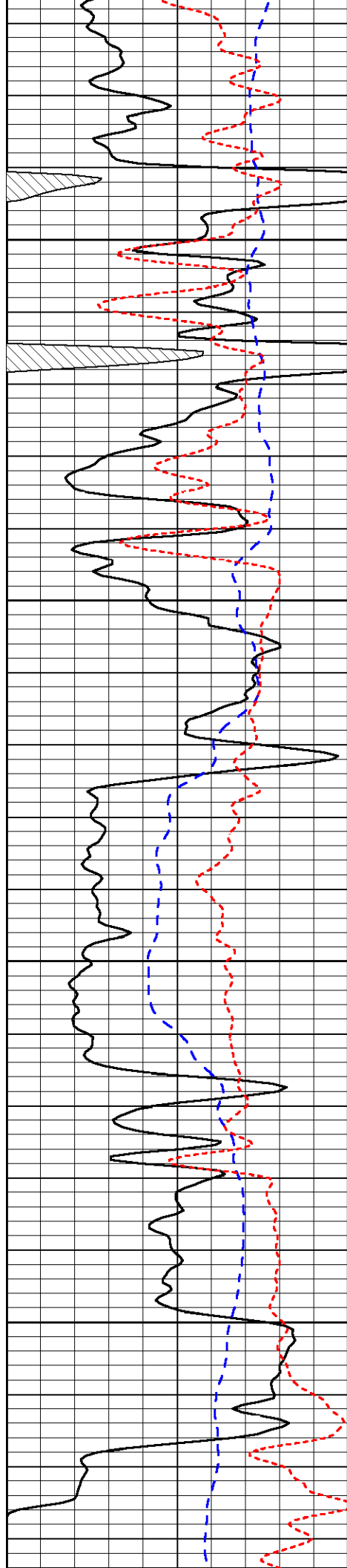
-31

-32

-30

-30

-30

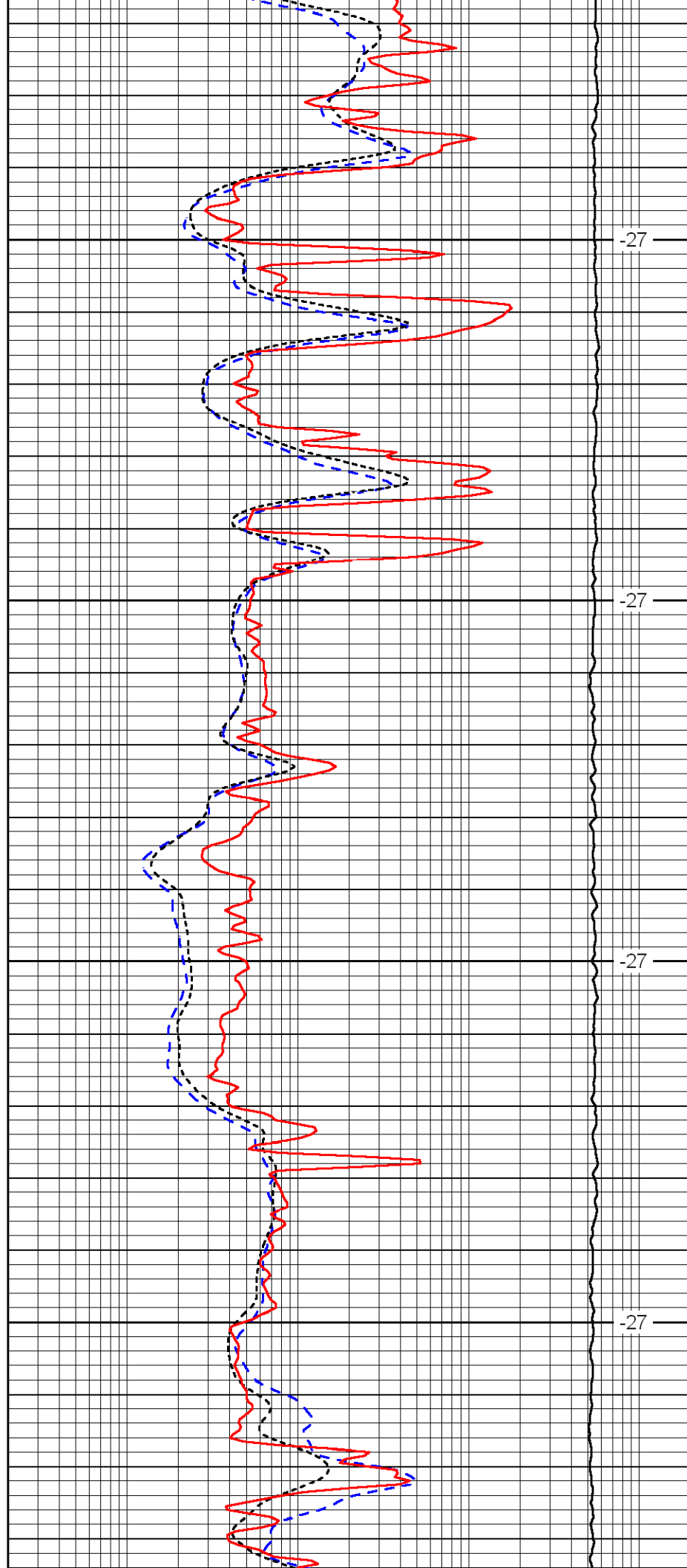


4250

4300

4350

4400

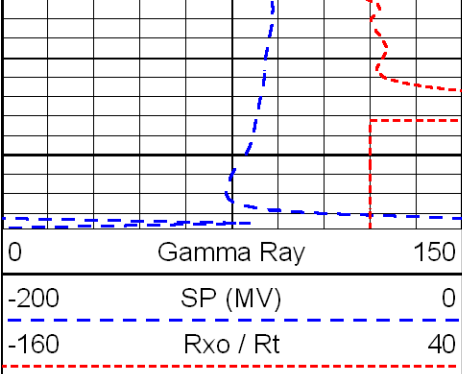


-27

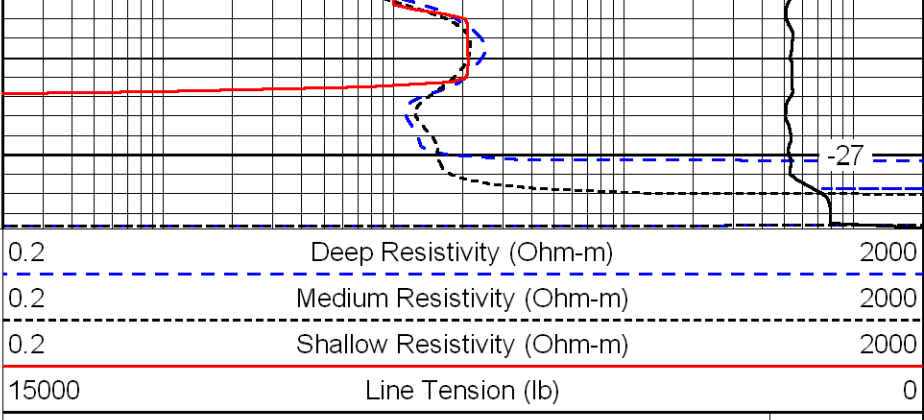
-27

-27

-27



4450



-27

LSPD
(ft/min)