

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-101-22,178-00-00

Company Larson Engineering, Inc.

Well Fager #1-30

Field Wildcat

County

Lane

State

Kansas

Location 935' FNL & 1543' FEL

Sec: 30

Twp: 18S

Rge: 29W

Permanent Datum Ground Level Elevation 2834
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL / CDL
MEL
Elevation
K.B. 2844
D.F. 2834
G.L. 2834

Date 7/11/2009

Run Number One

Depth Driller 4650

Depth Logger 4652

Bottom Logged Interval 4651

Top Log Interval 250

Casing Driller 8.625 @ 266

Casing Logger 264

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2.900

Density / Viscosity 9.3 50

pH / Fluid Loss 11.0 7.6

Source of Sample Flowline

Rm @ Meas. Temp .75 @ 78

Rmf @ Meas. Temp .56 @ 78

Rmc @ Meas. Temp 1.01 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT .48 @ 122

Operating Rig Time 3 1/2 Hours

Max Rec. Temp. F 122

Equipment Number 4

Location Hays

Recorded By T. Martin

Witnessed By Steve Davis

<<< 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

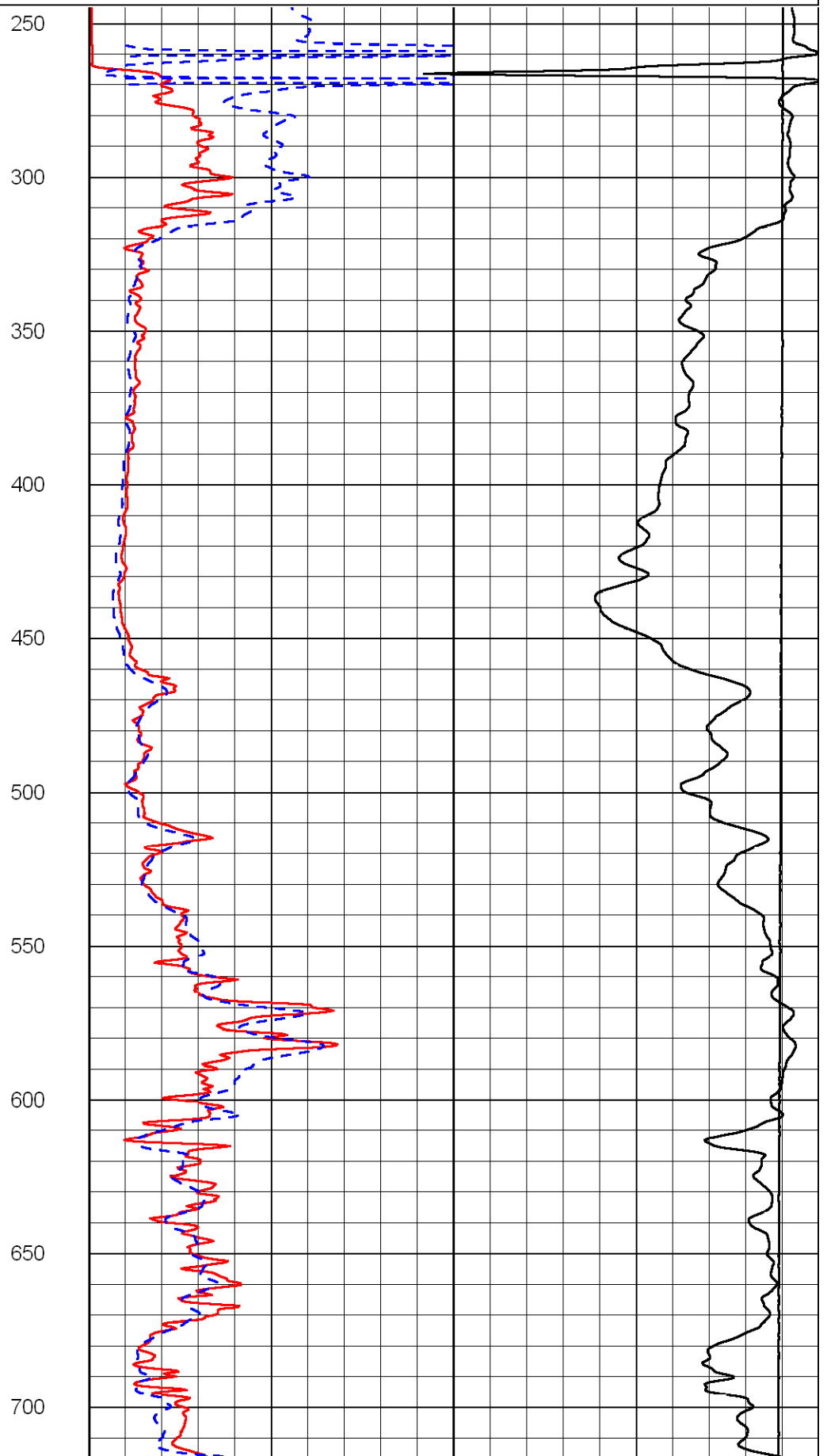
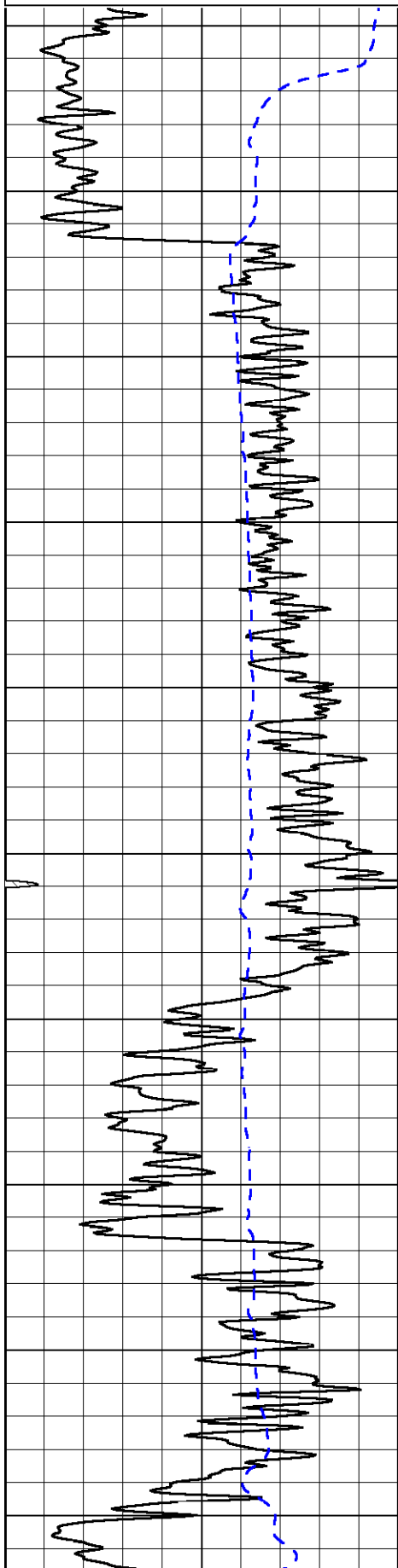
Thank you for using Log-Tech, Inc.
(785) 625-3858

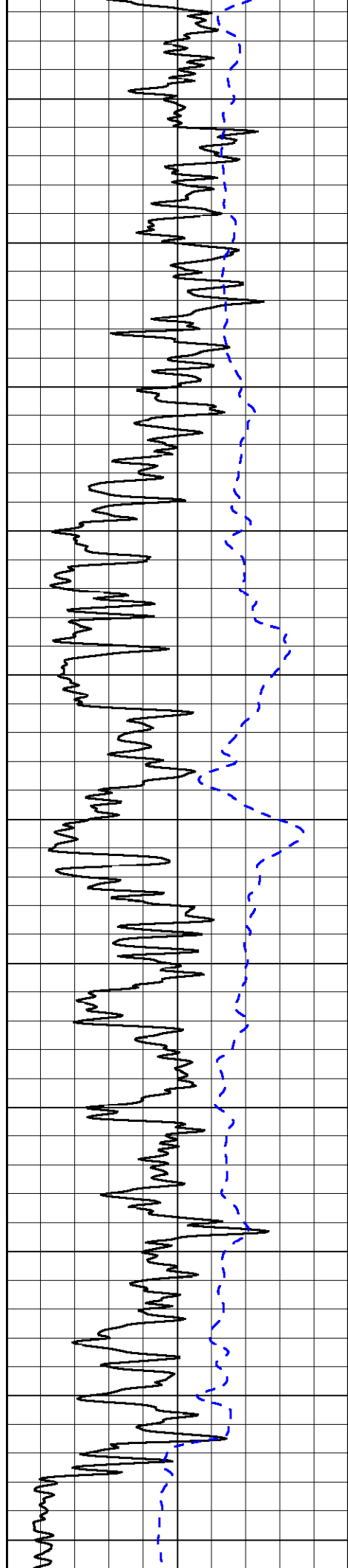
Dighton, 5 W to Gage Rd, 1 1/2 S, W into

Database File: Irsnhd.db
Dataset Pathname: dil/Irsnstk
Presentation Format: dil2in
Dataset Creation: Sat Jul 11 10:55:51 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

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





750

800

850

900

950

1000

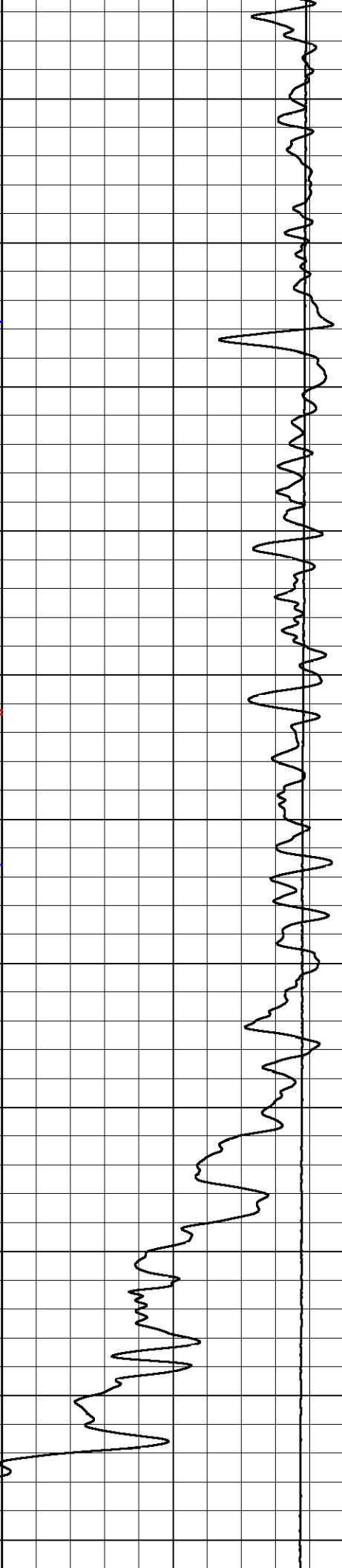
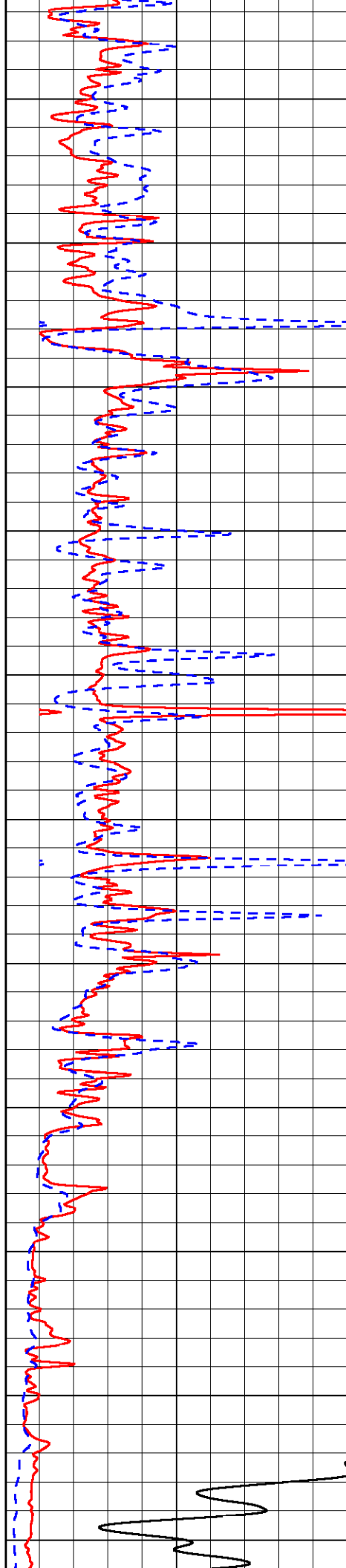
1050

1100

1150

1200

1250



1300

1350

1400

1450

1500

1550

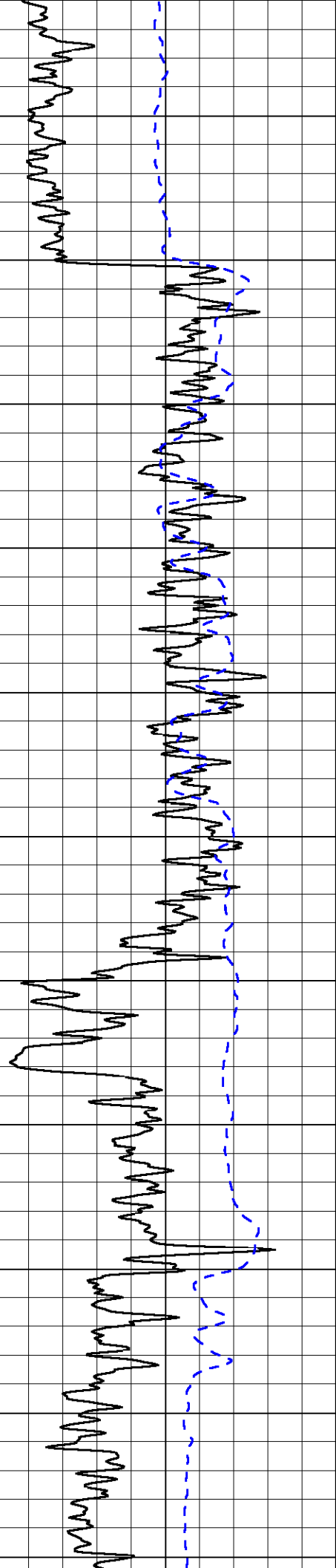
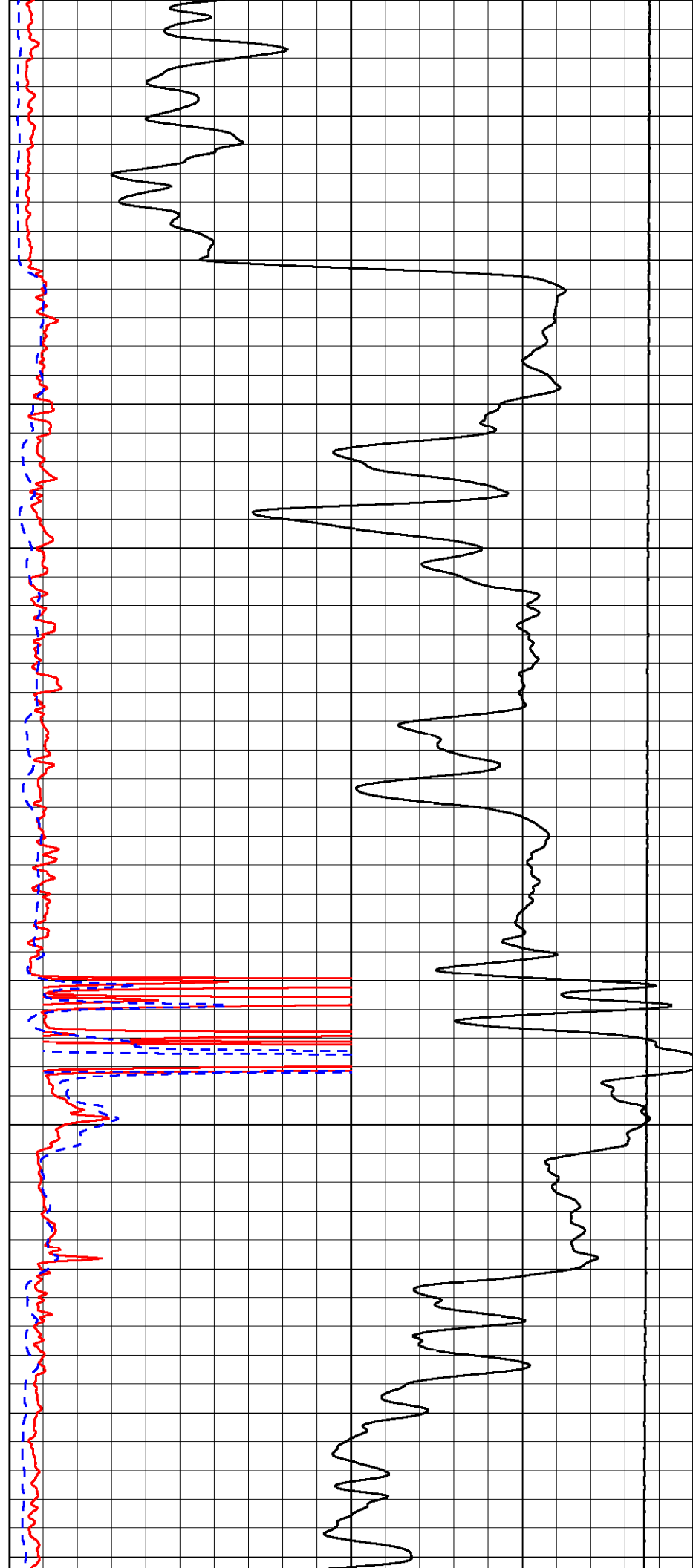
1600

1650

1700

1750

1800



1850

1900

1950

2000

2050

2100

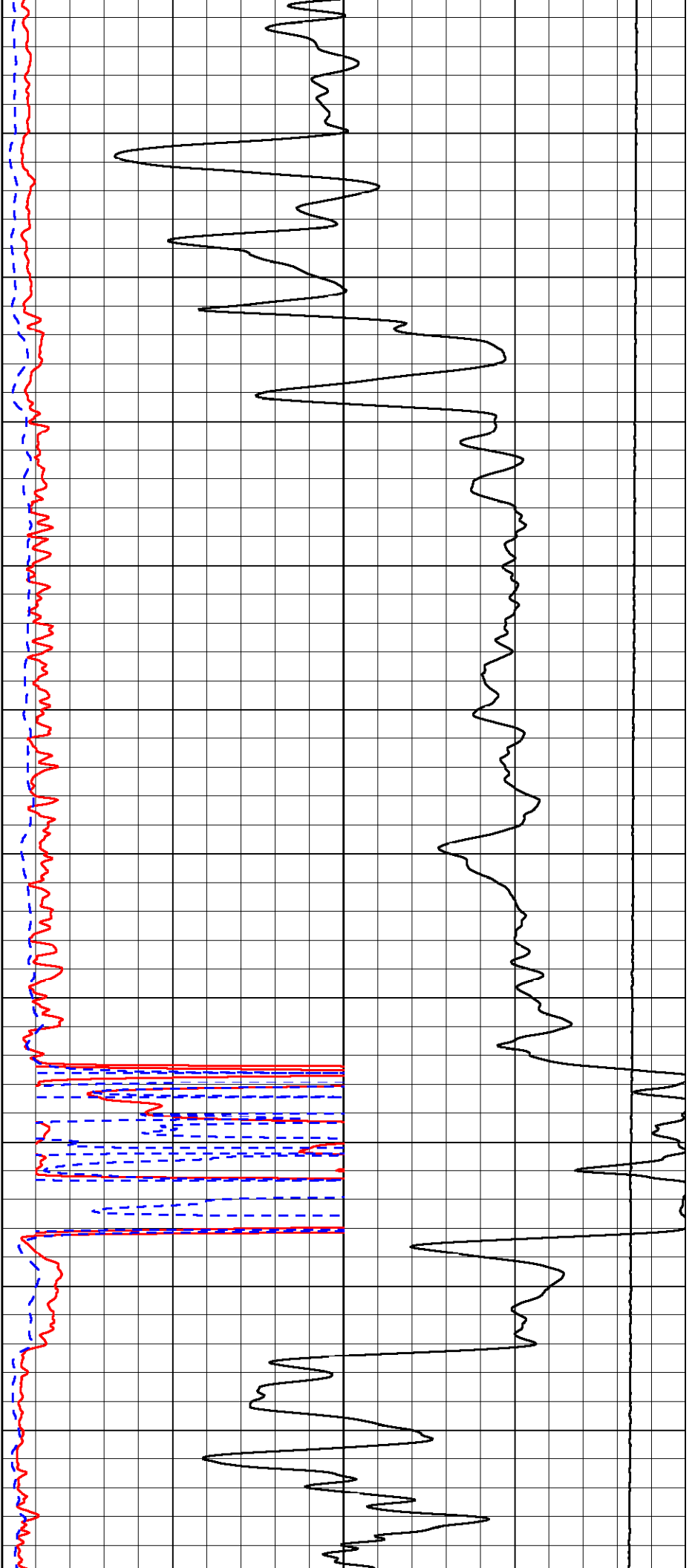
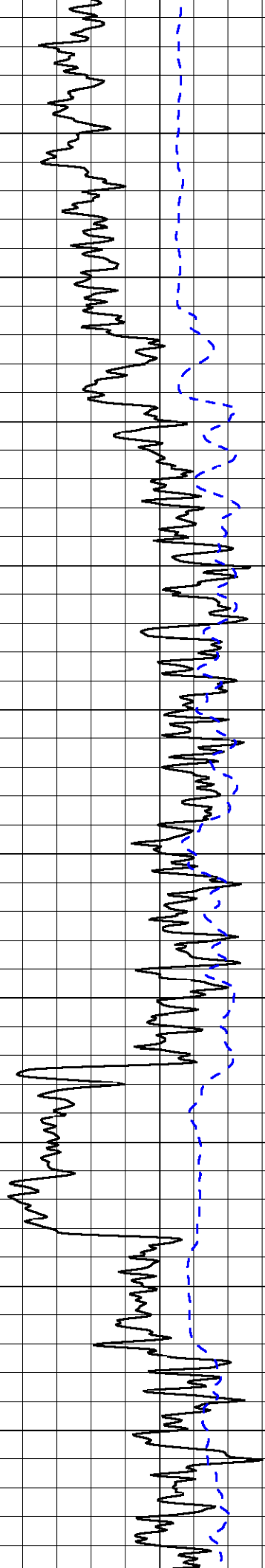
2150

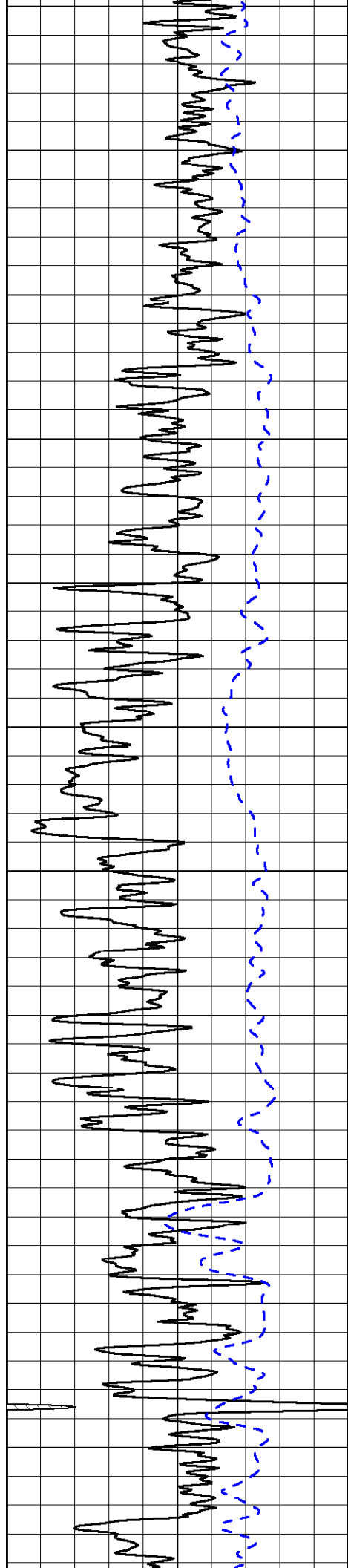
2200

2250

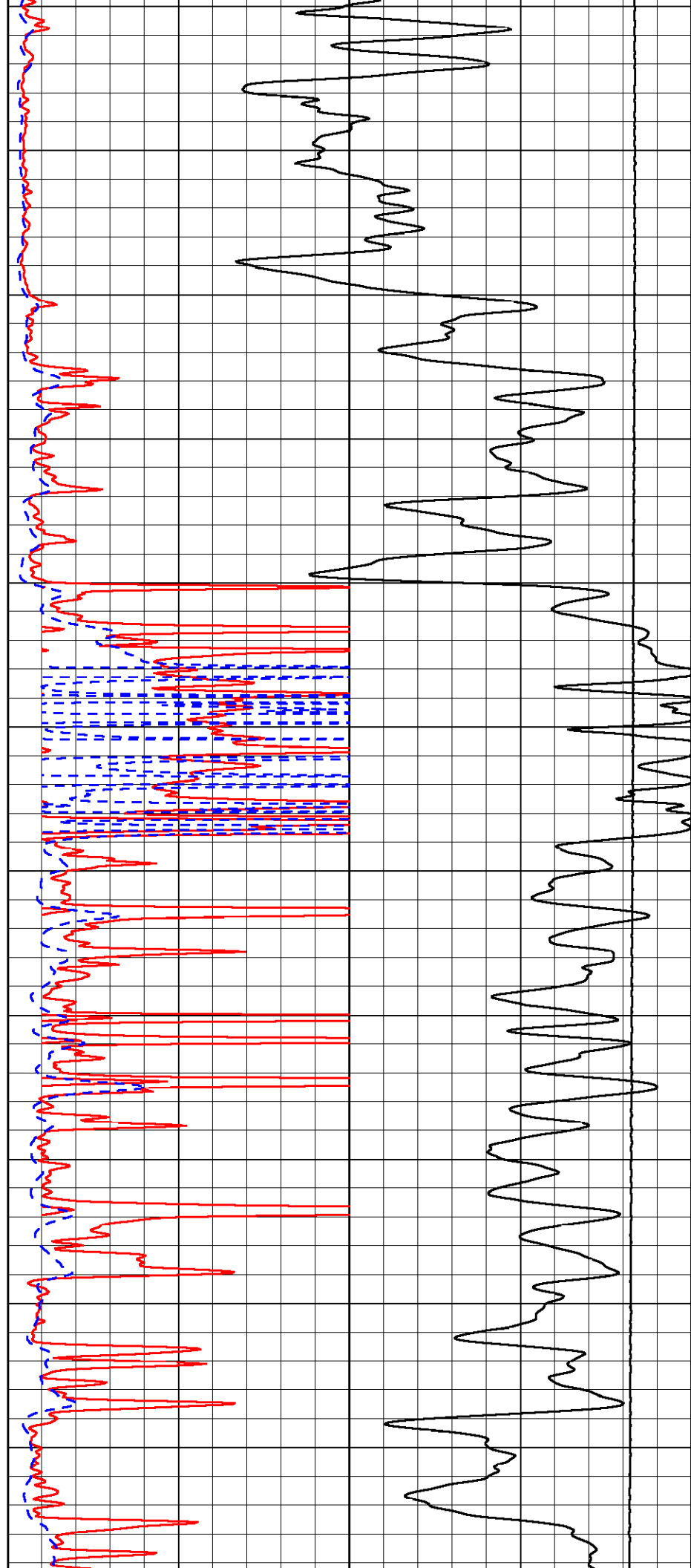
2300

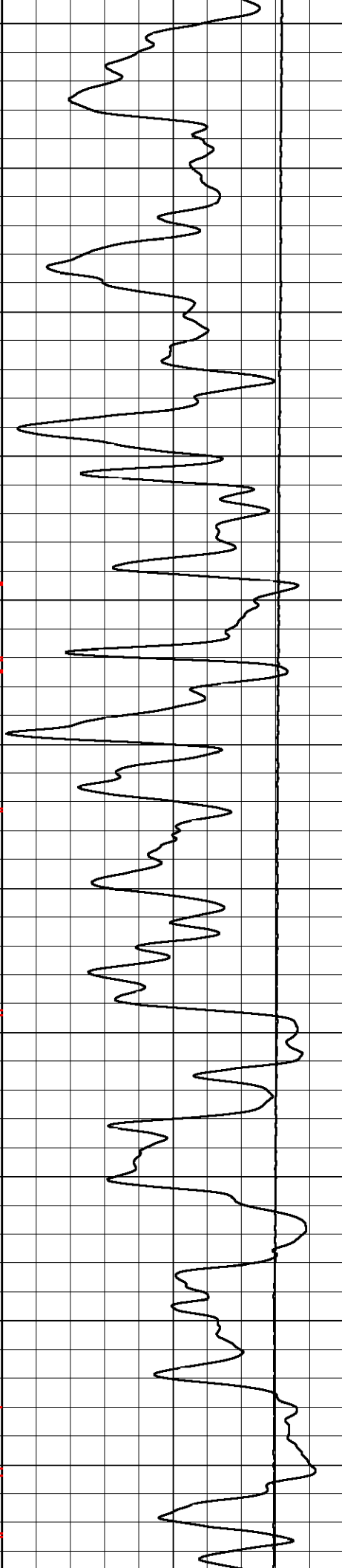
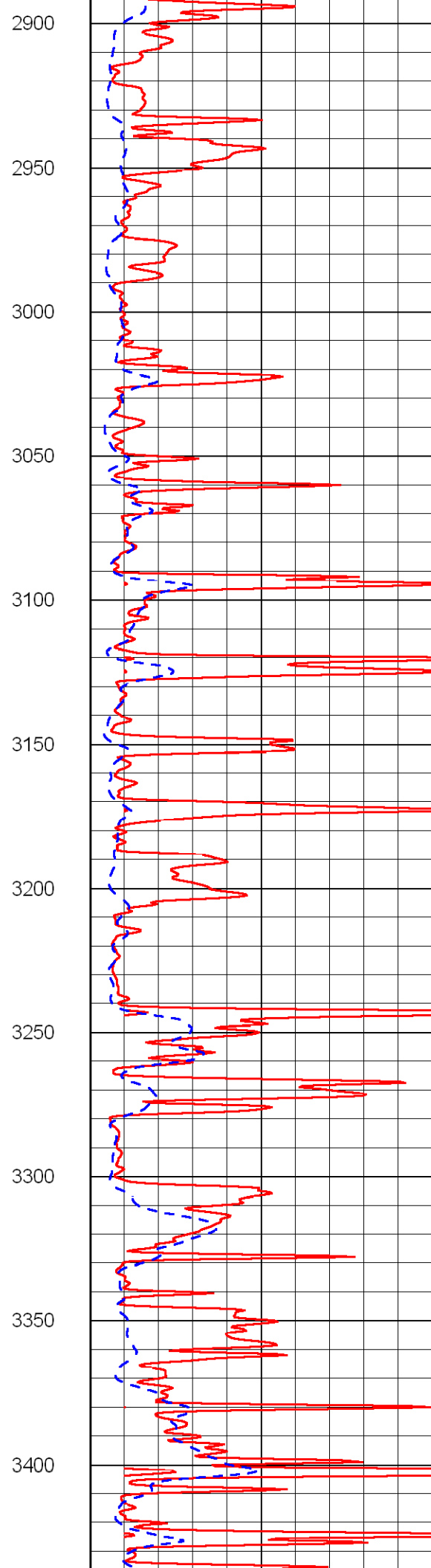
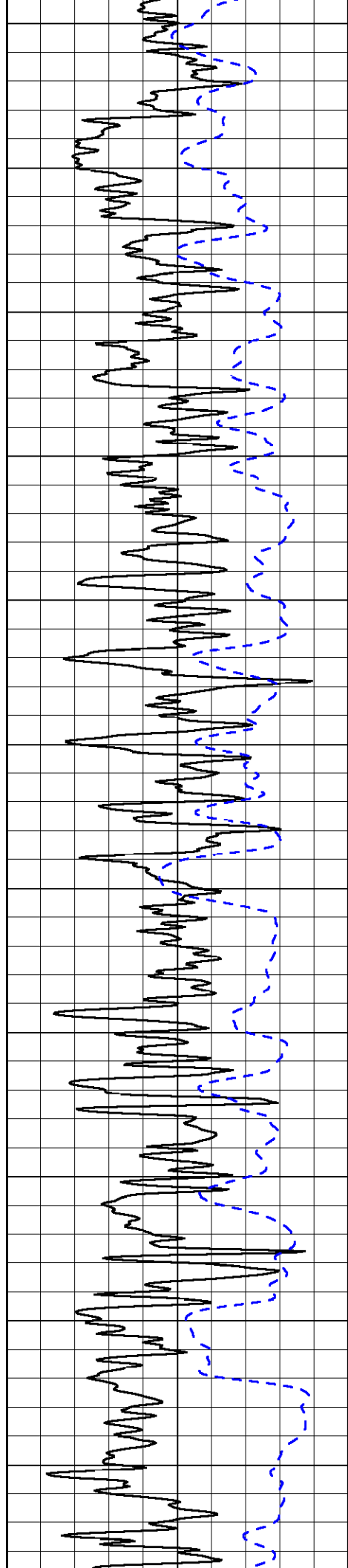
2350

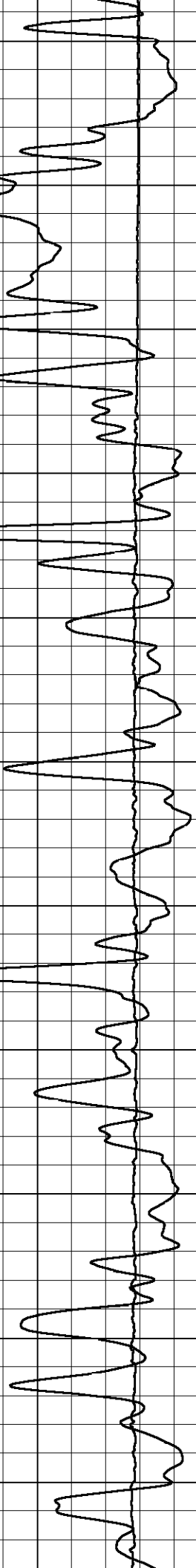
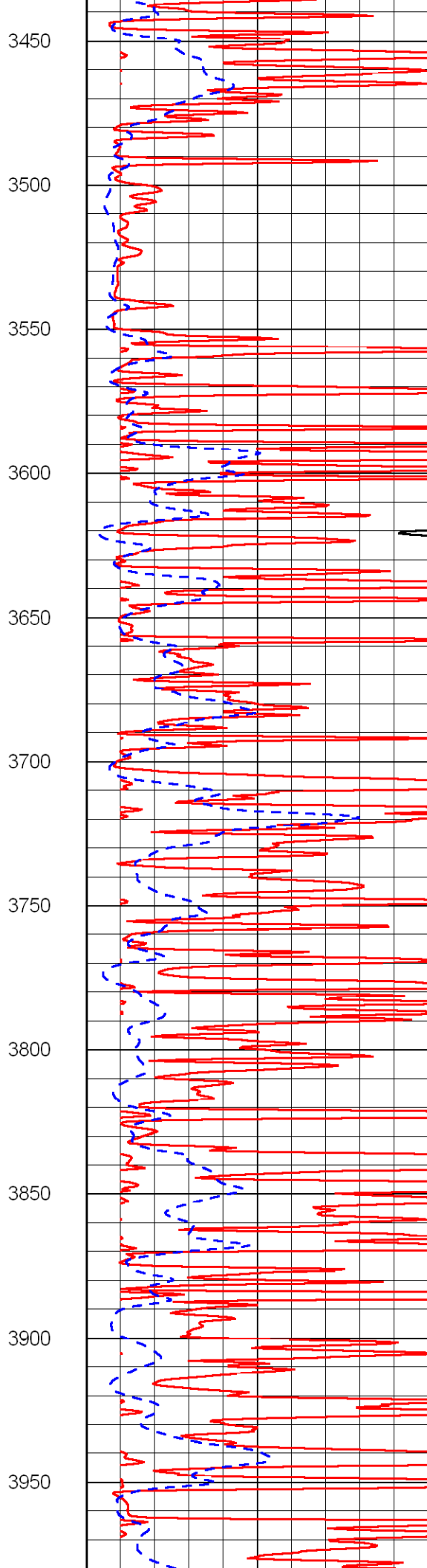
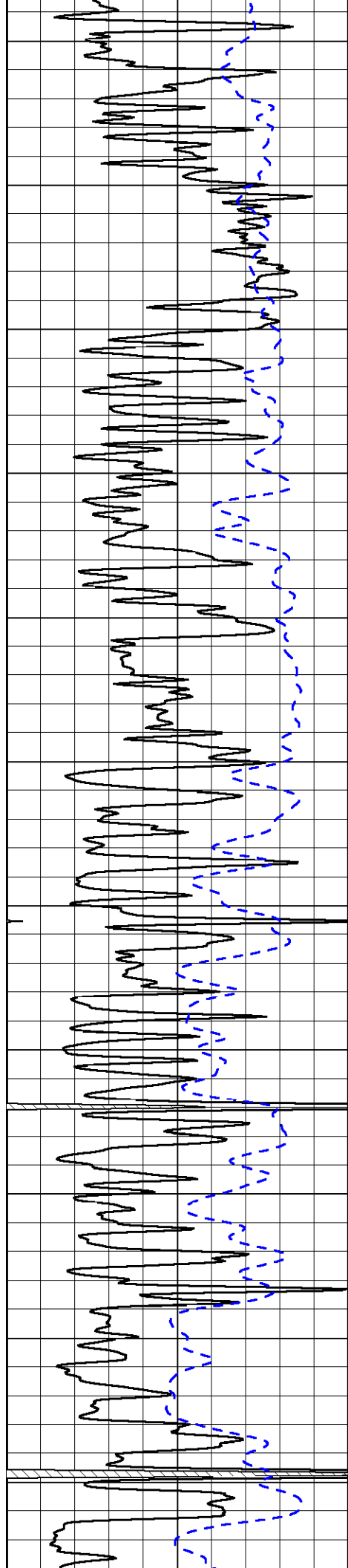


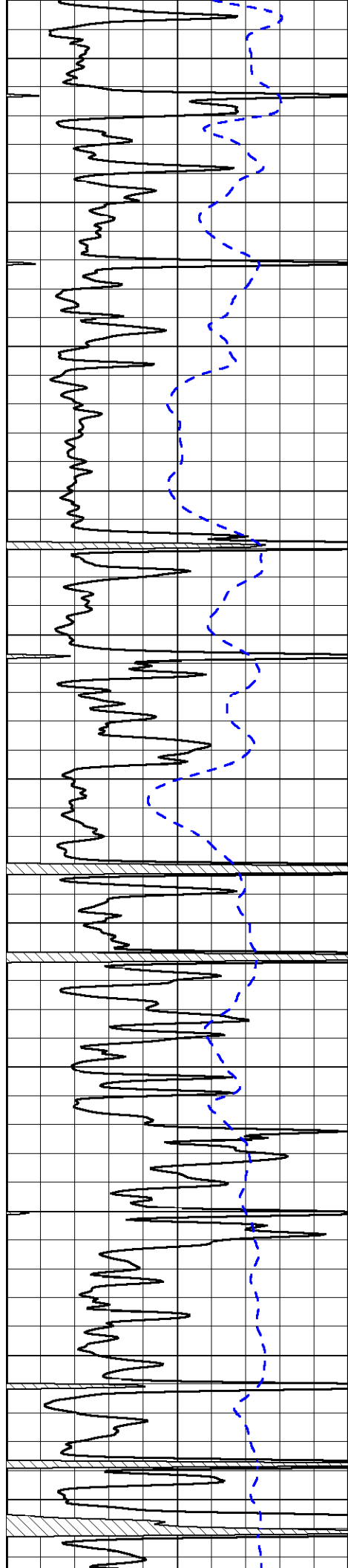


2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850









4000

4050

4100

4150

4200

4250

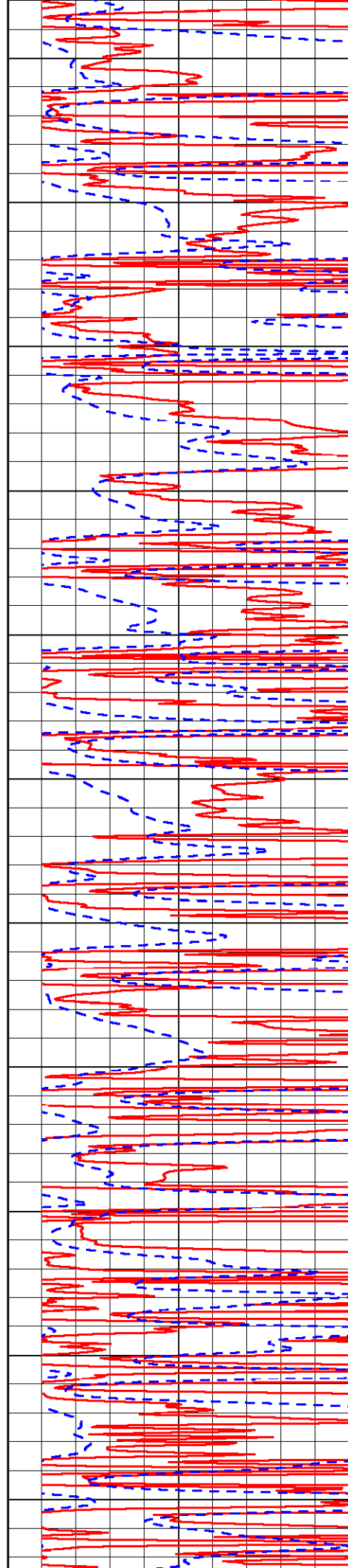
4300

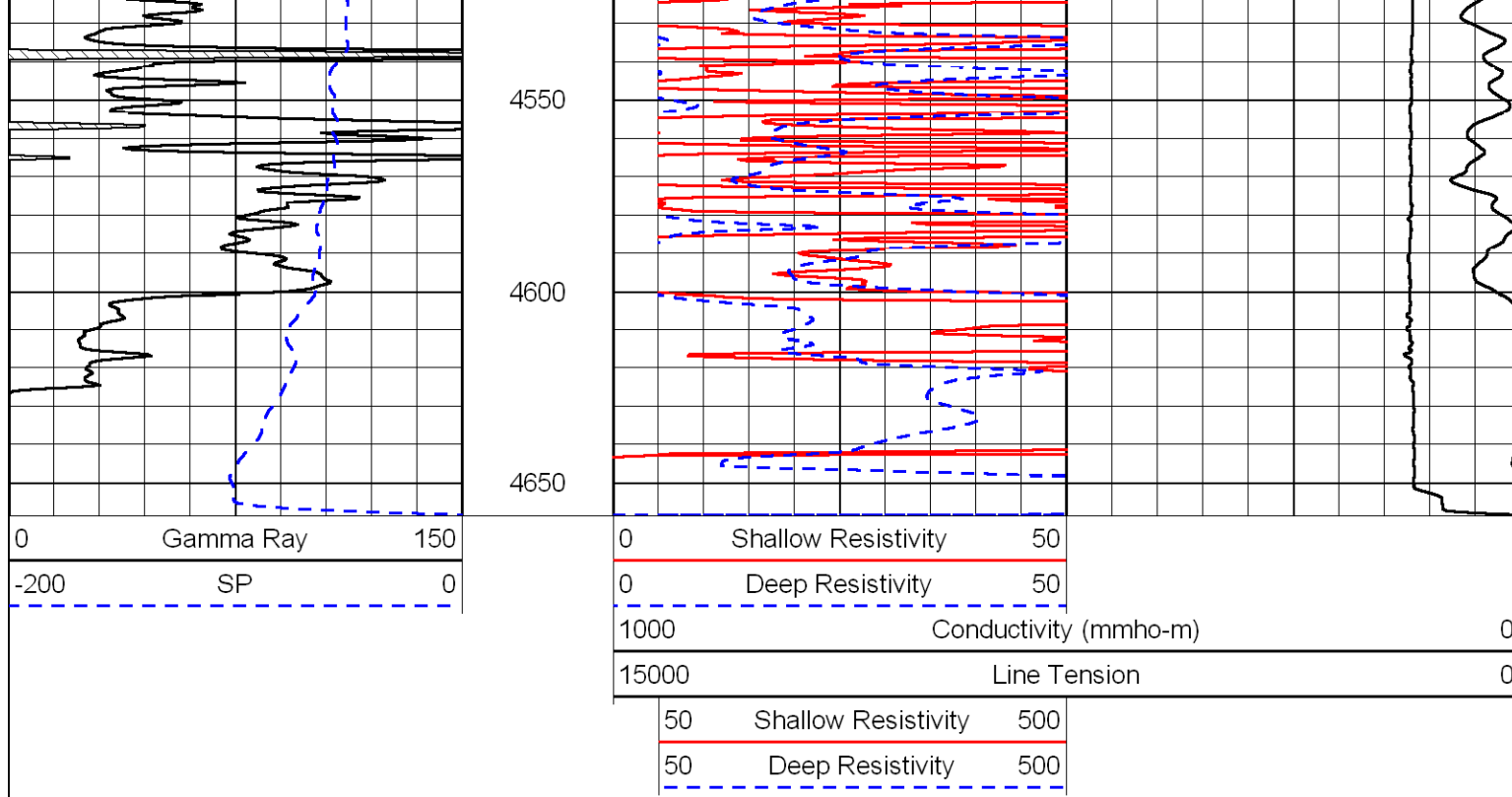
4350

4400

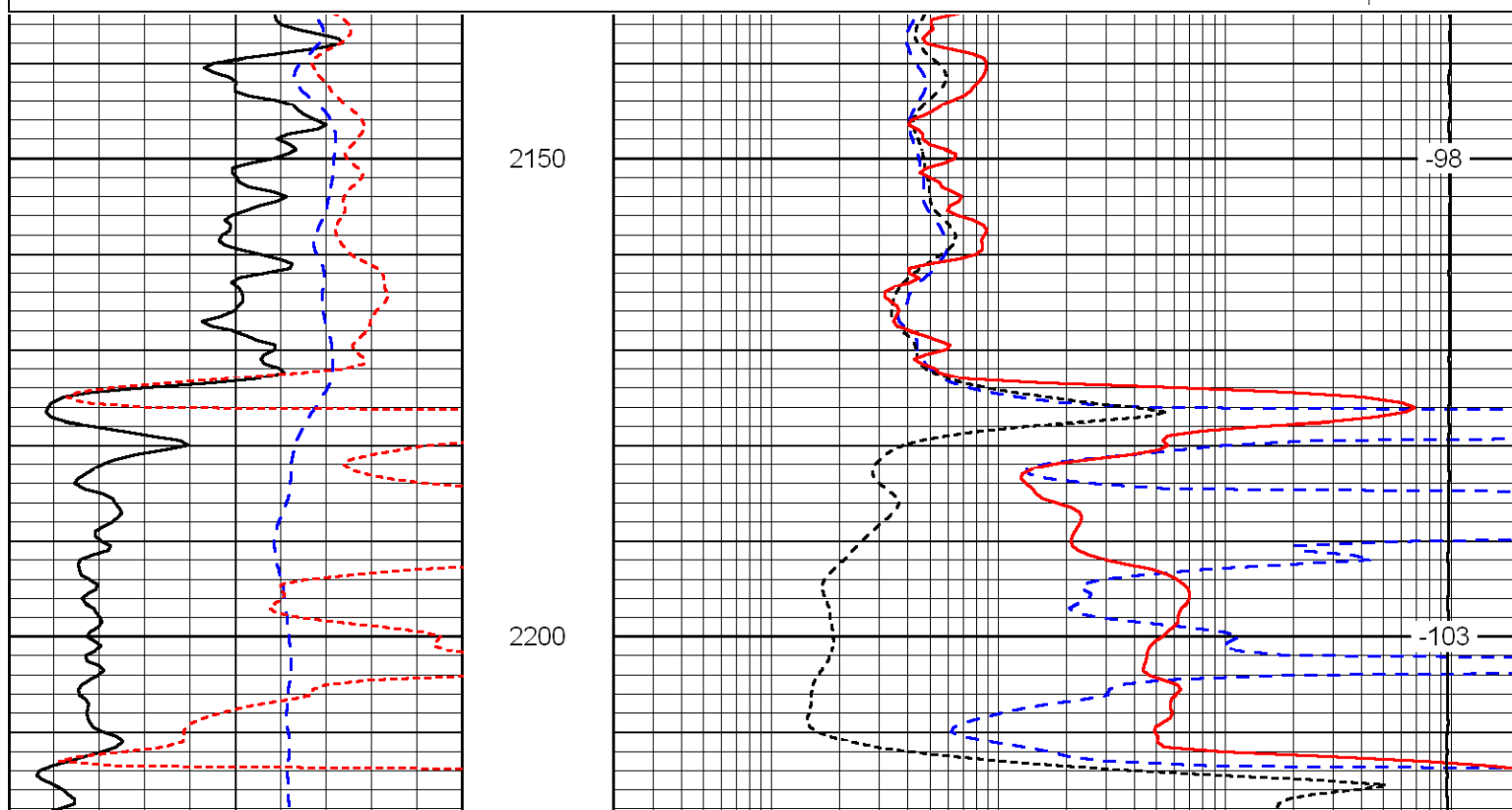
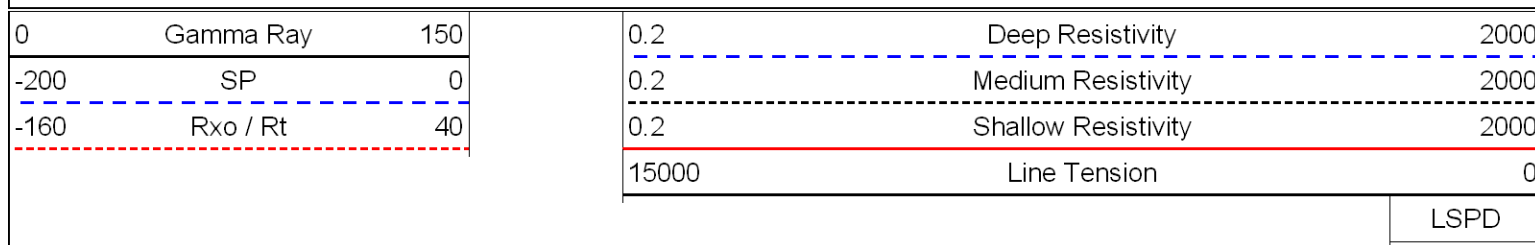
4450

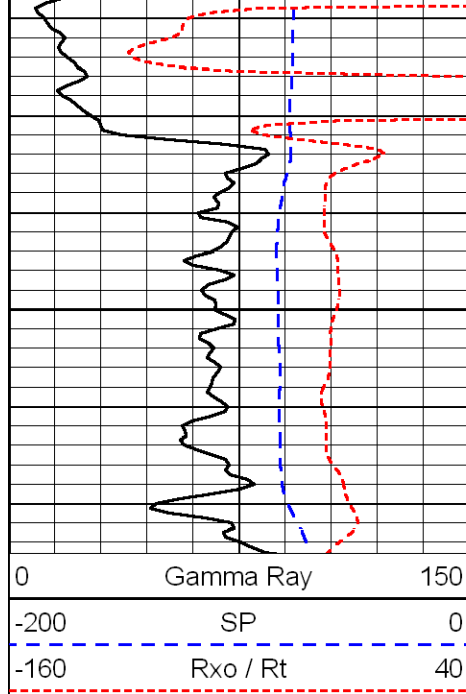
4500



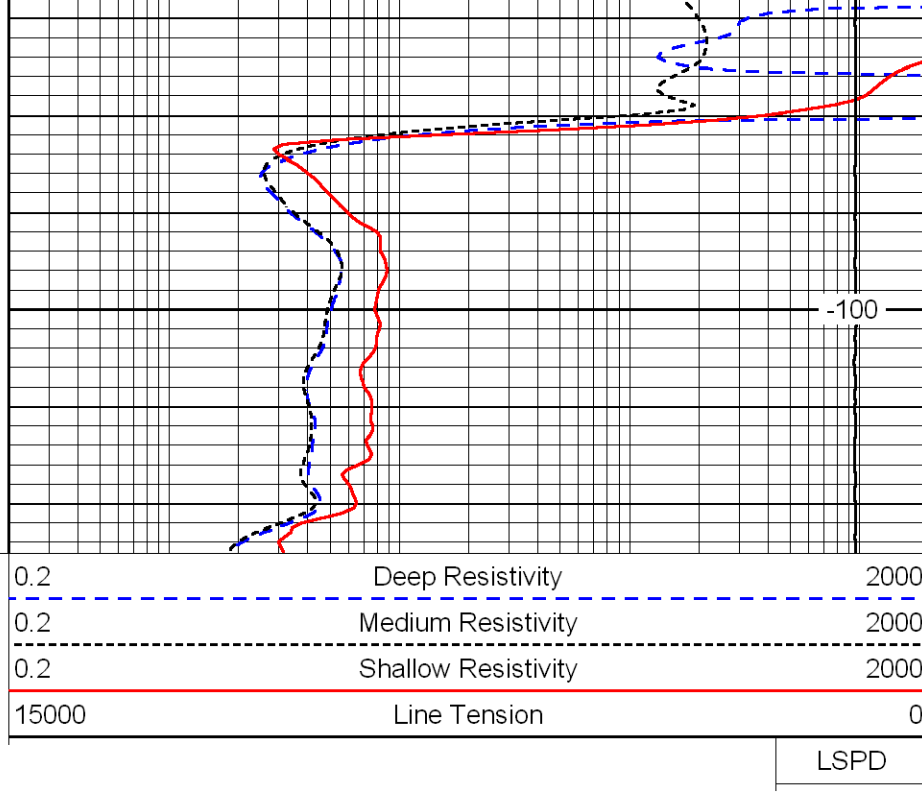


Database File: lrsnhd.db
 Dataset Pathname: dil/lrsnstk
 Presentation Format: dil
 Dataset Creation: Sat Jul 11 10:55:51 2009
 Charted by: Depth in Feet scaled 1:240

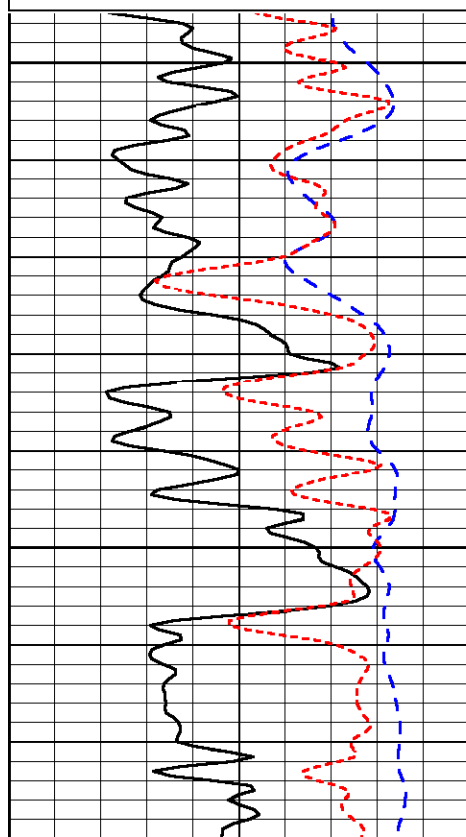
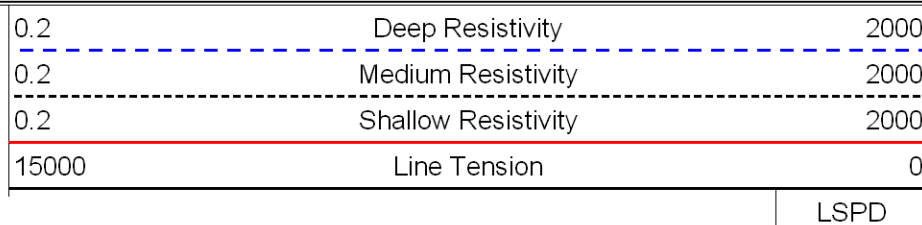
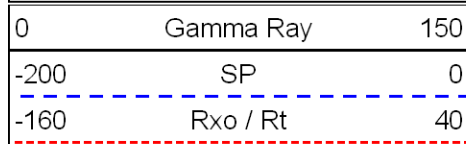




2250

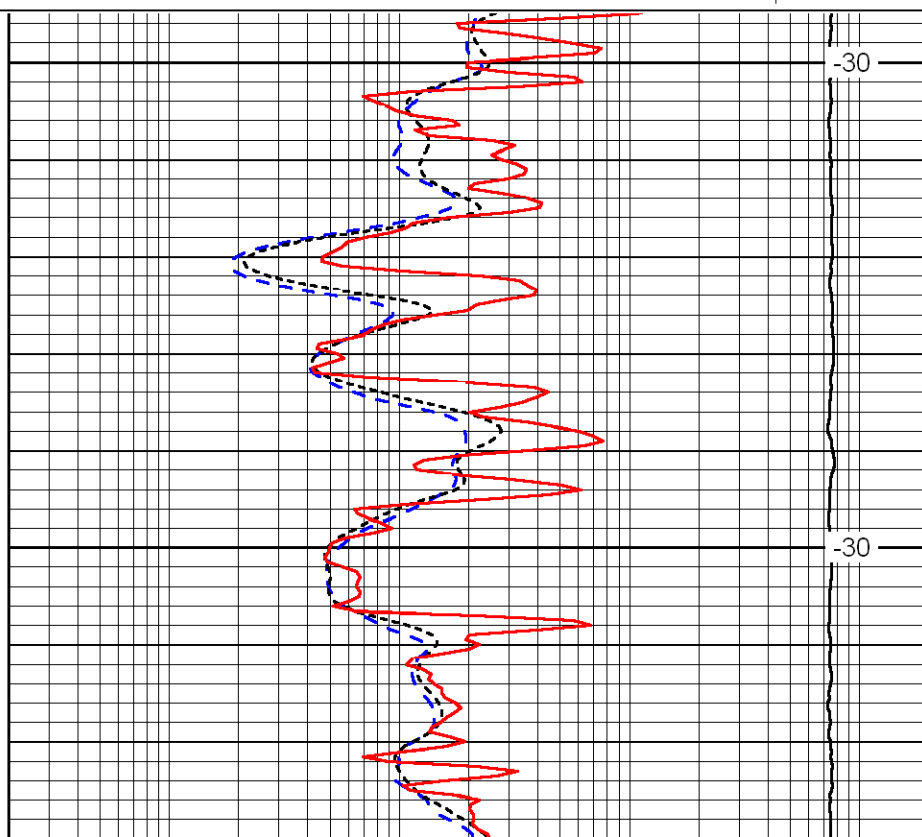


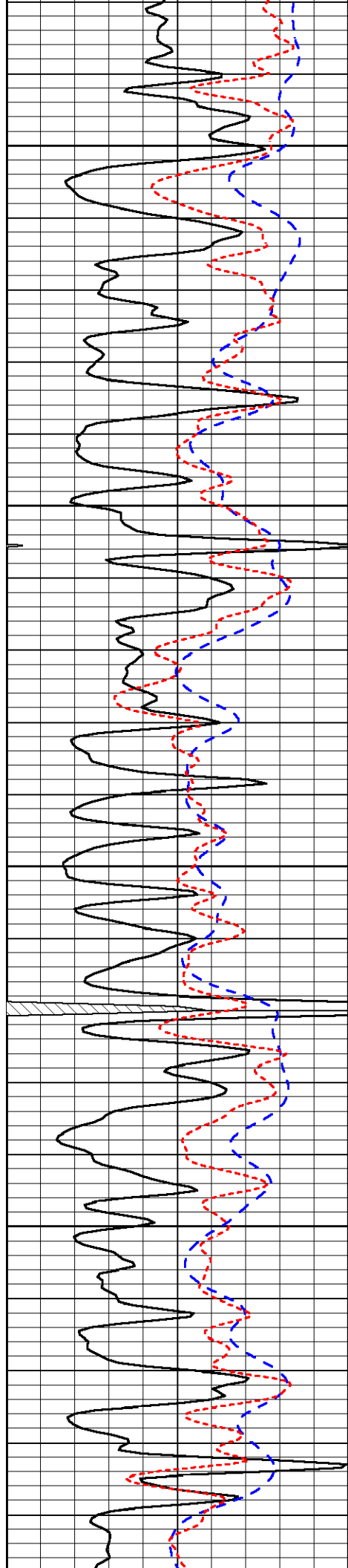
Database File: lrsnhd.db
 Dataset Pathname: dil/lrsnstk
 Presentation Format: dil
 Dataset Creation: Sat Jul 11 10:55:51 2009
 Charted by: Depth in Feet scaled 1:240



3600

3650



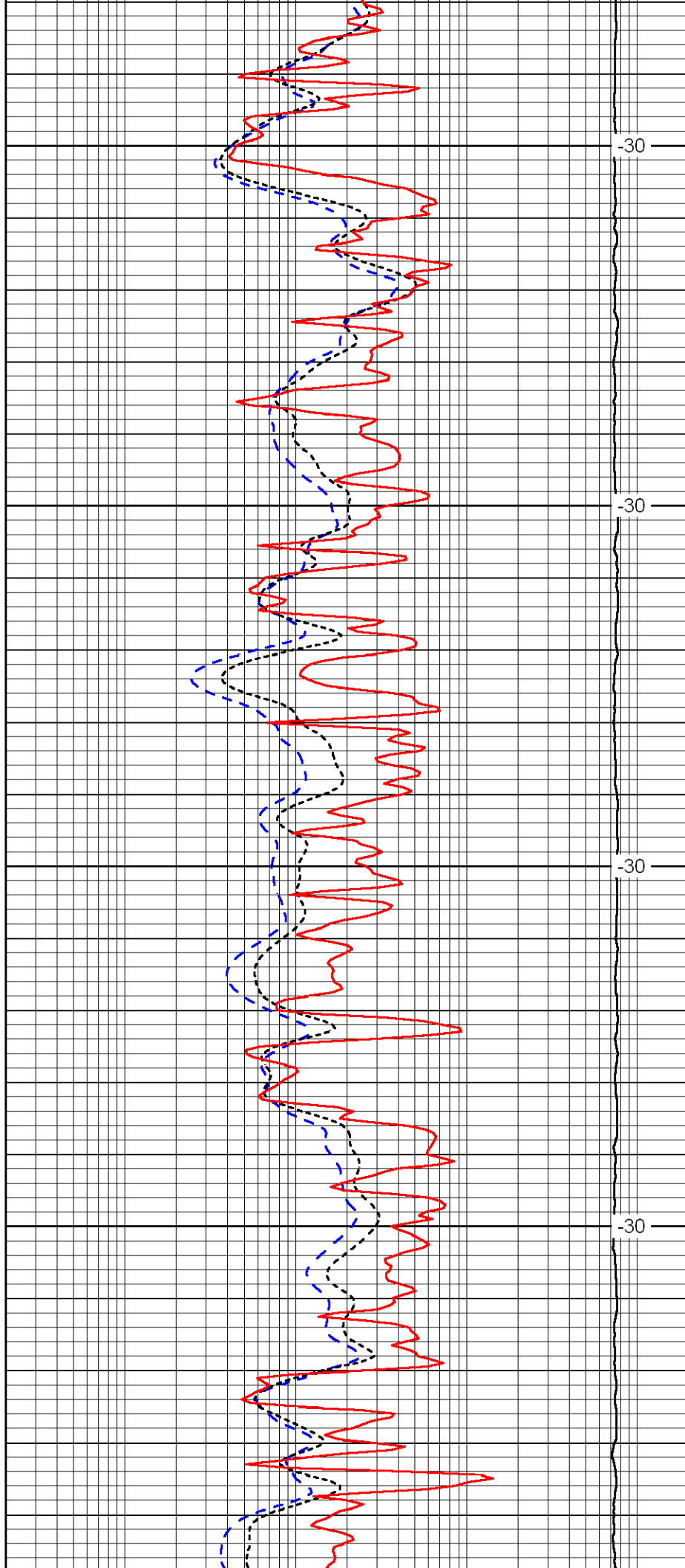


3700

3750

3800

3850

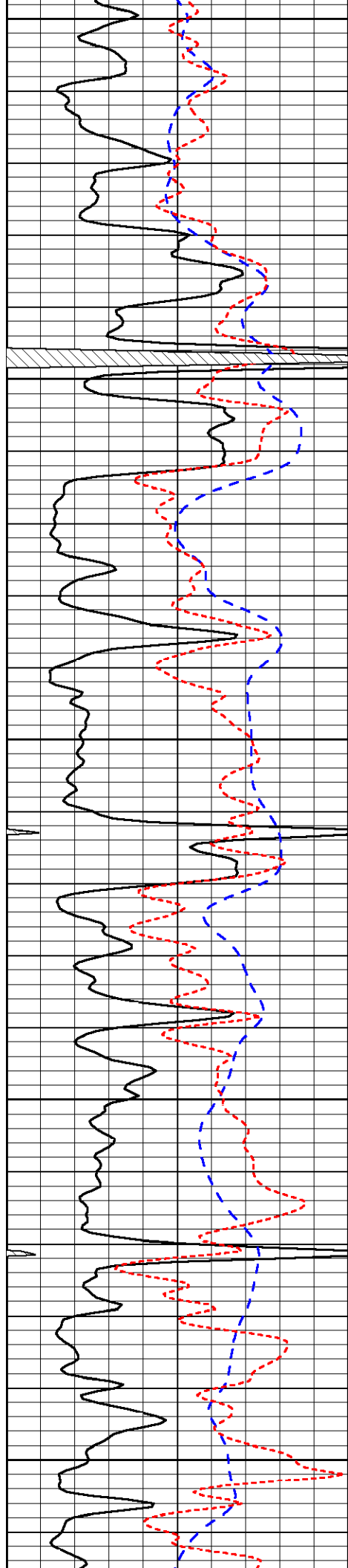


-30

-30

-30

-30



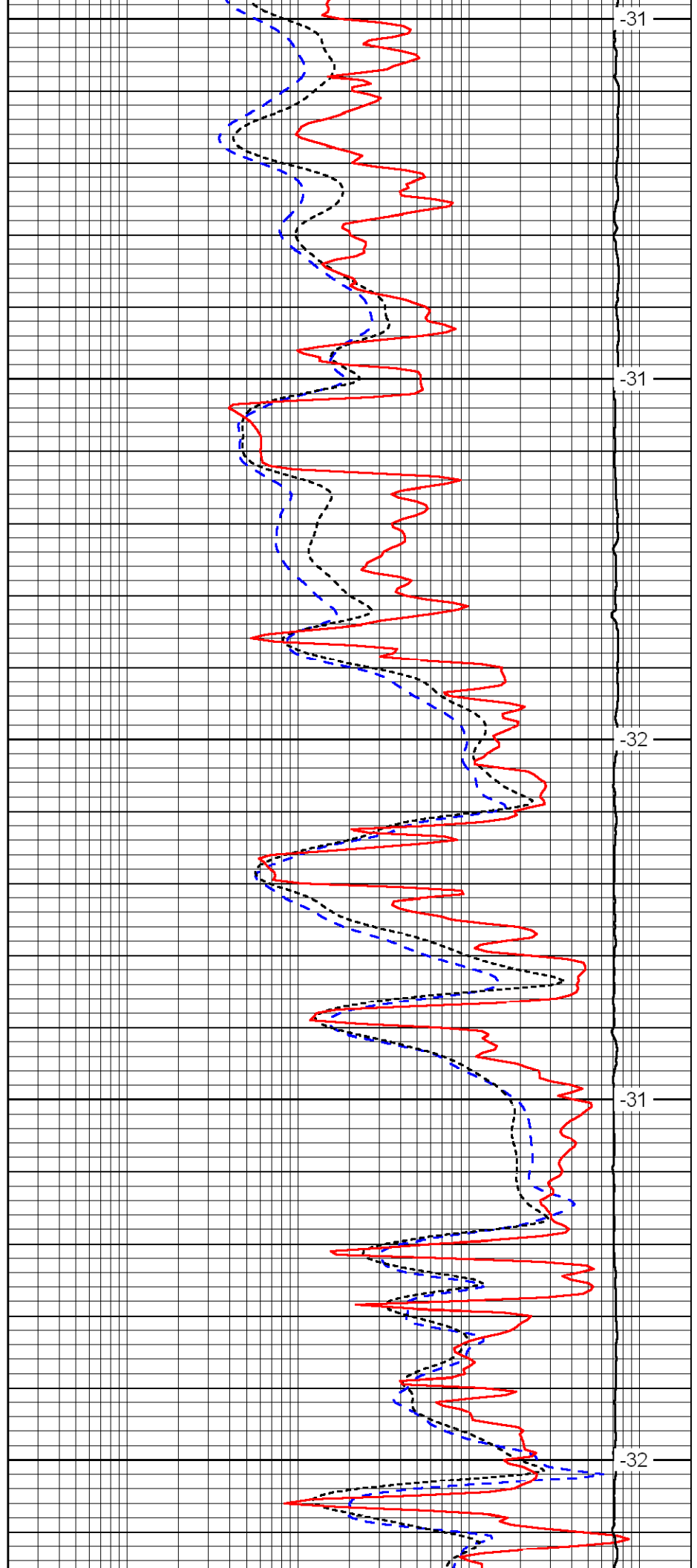
3900

3950

4000

4050

4100



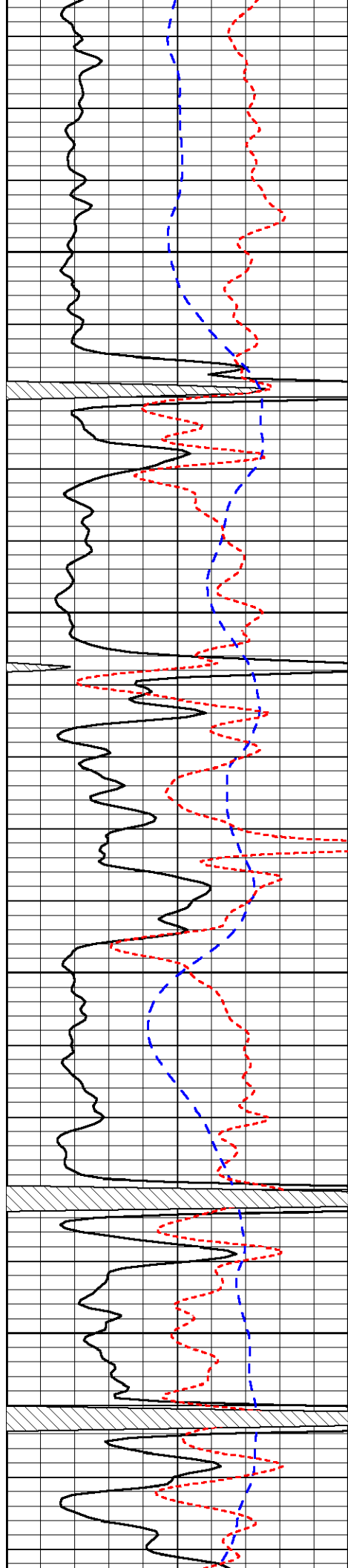
-31

-31

-32

-31

-32

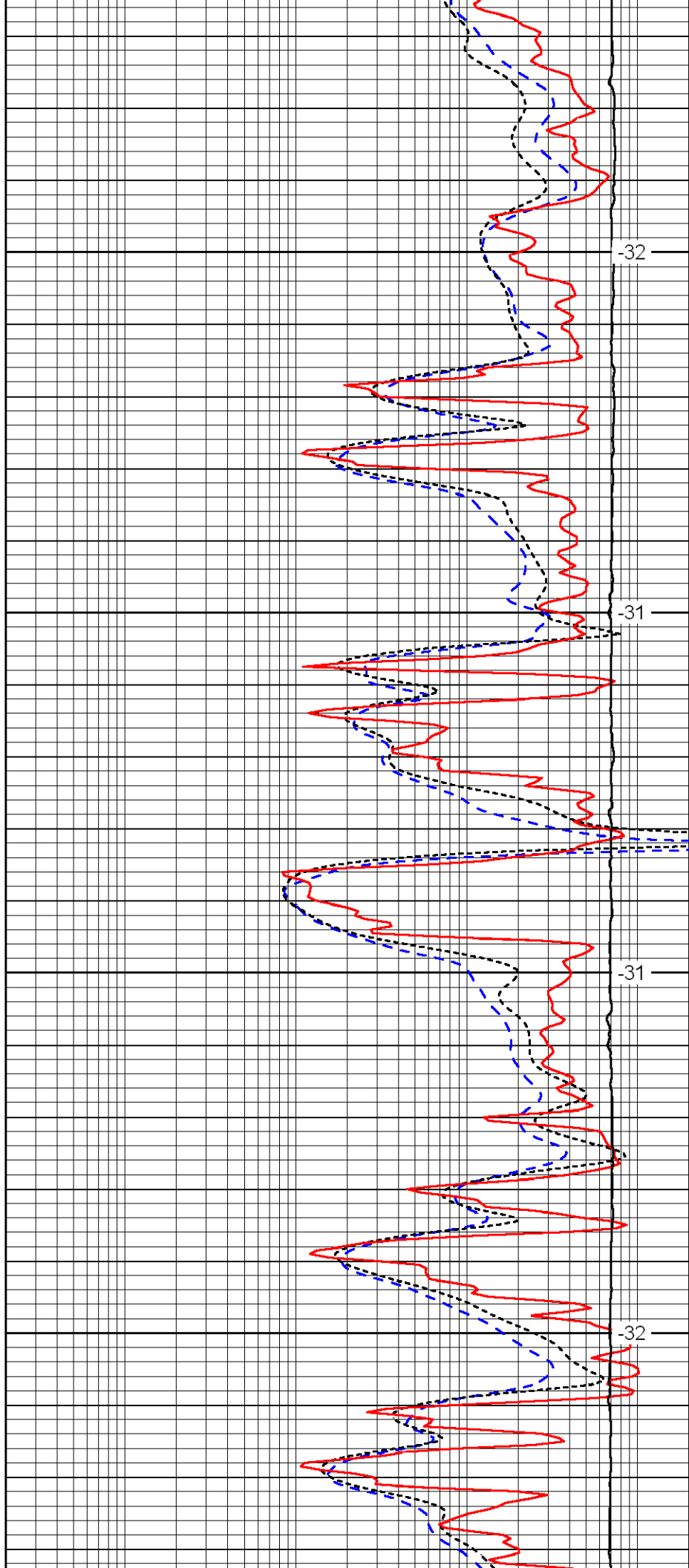


4150

4200

4250

4300

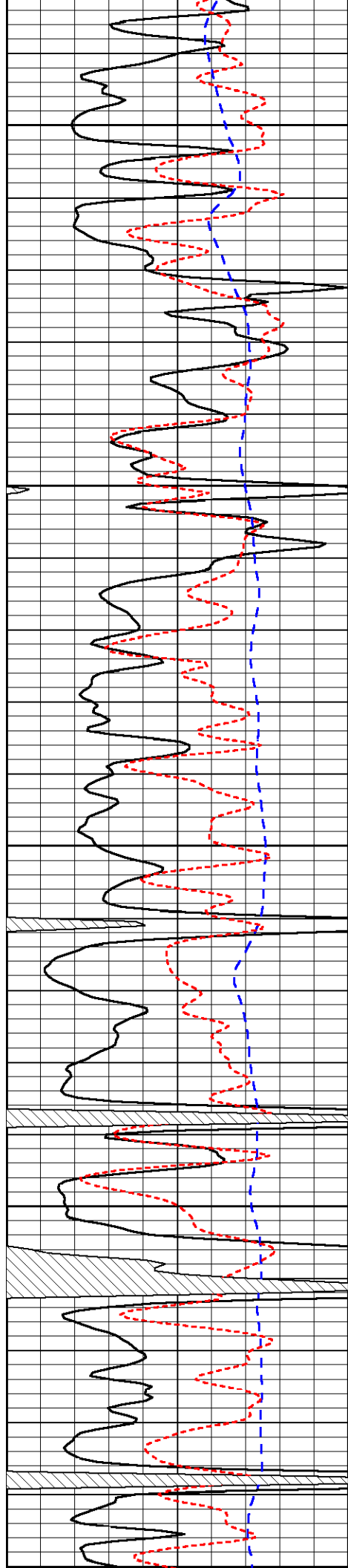


-32

-31

-31

-32



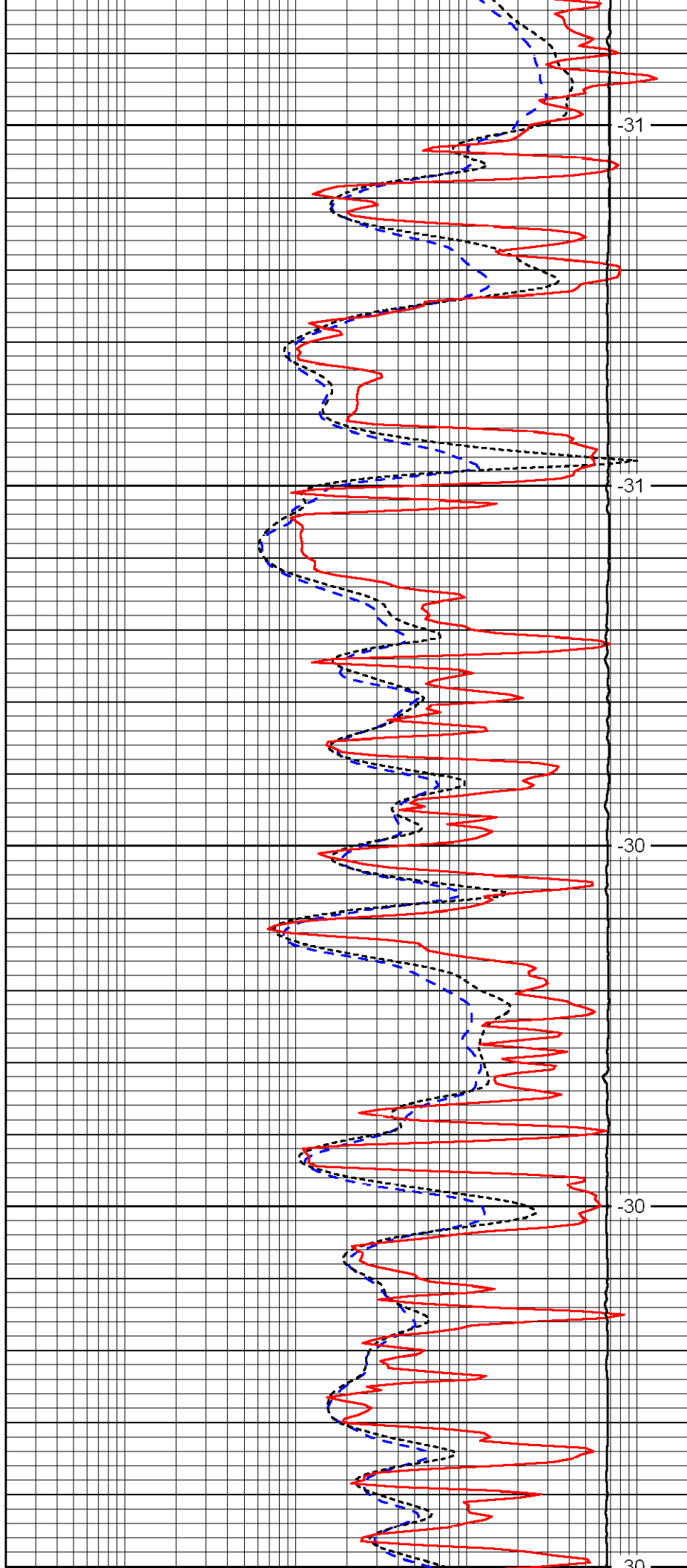
4350

4400

4450

4500

4550



-31

-31

-30

-30

-30

