

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-025-21,471-00-00

Company Pickrell Drilling Company, Inc.

Well Halling "B" No. 8

Field Halling

County Clark

State

Kansas

Location 440' FNL & 1990' FWL

Sec: 14

Twp: 30S

Rge: 22W

Permanent Datum Ground Level

Elevation 2391

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Other Services
CNL/CDL
BHCS

Date

10/15/2008

Run Number

One

Depth Driller

5450

Depth Logger

5454

Bottom Logged Interval

5453

Top Log Interval

700

Casing Driller

8.625 @ 723

Casing Logger

726

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5.800

Density / Viscosity

9.0 49

pH / Fluid Loss

10.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.85 @ 60

Rmf @ Meas. Temp

.64 @ 60

Rmc @ Meas. Temp

1.15 @ 60

Source of Rmf / Rmc

Charts

Rm @ BHT

.38 @ 133

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

133

Equipment Number

10

Location

Hays

Recorded By

K. Bange

Witnessed By

J. Wellbrock

Comments

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

From Bucklin, Jct 54 and 36, 4 W, 6 1/2 S, E Into

Database File: c:\warrior\data\pickrell_halling b no. 8\pickhd.db
Dataset Pathname: dil/pick2in
Presentation Format: dil2in
Dataset Creation: Wed Oct 15 18:44:26 2008
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

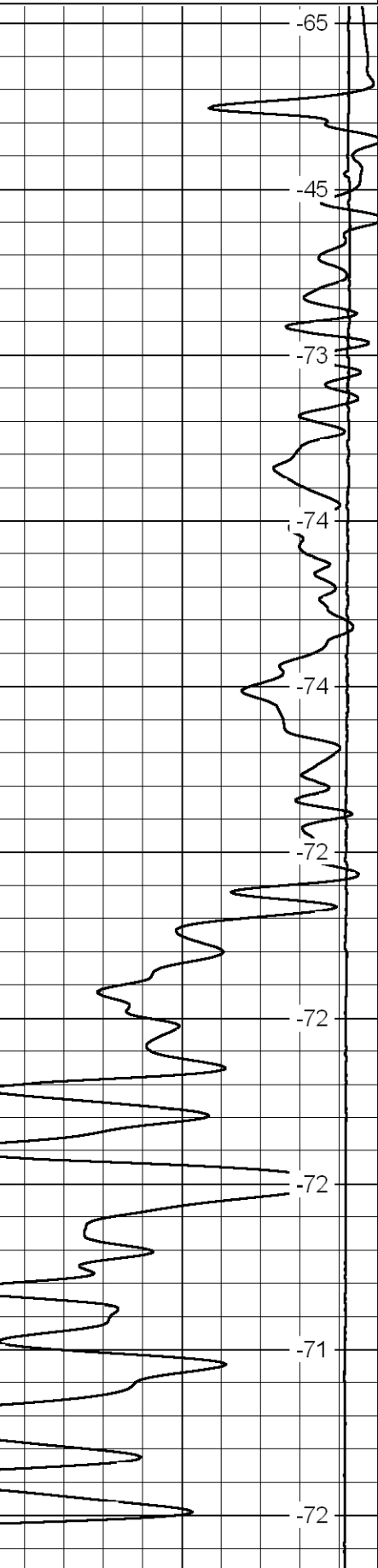
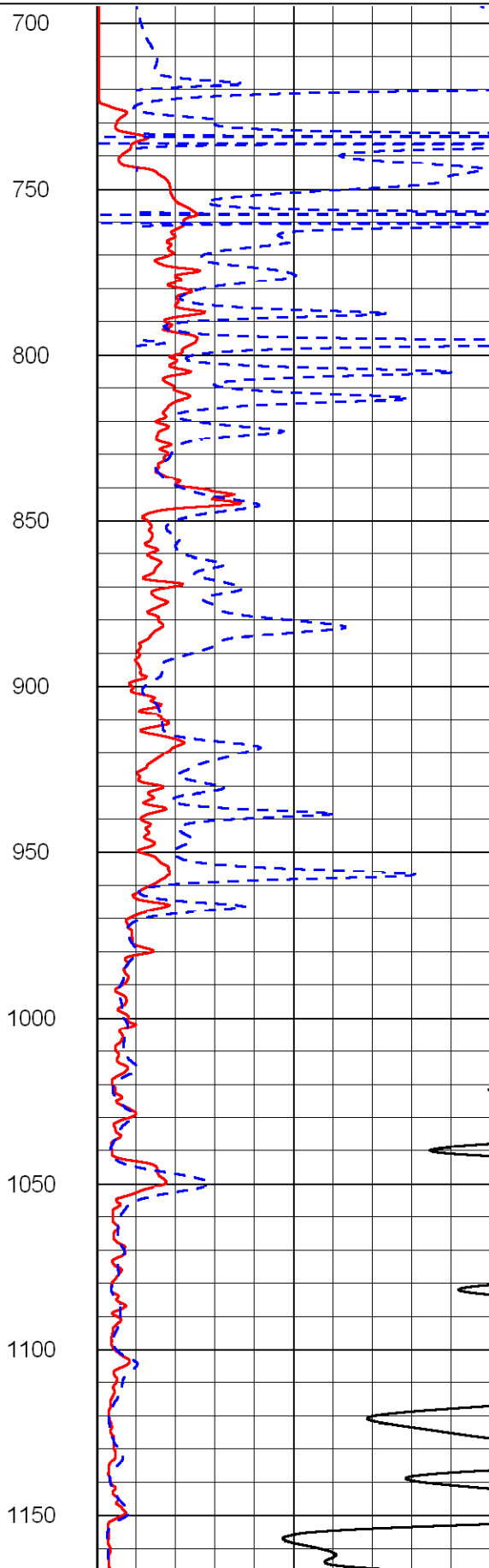
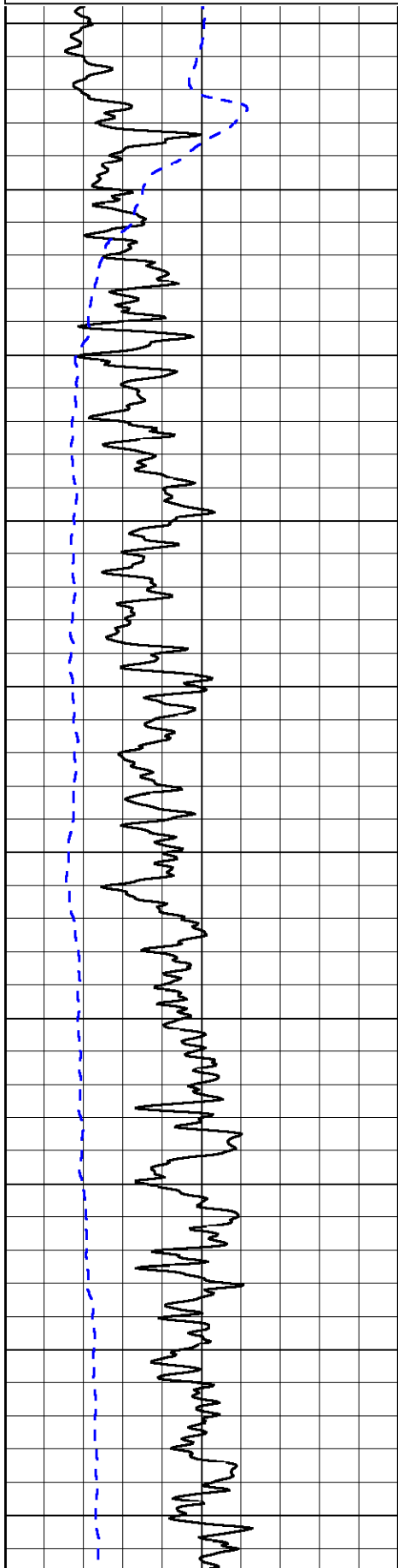
0	Shallow Resistivity	50
0	Deep Resistivity	50

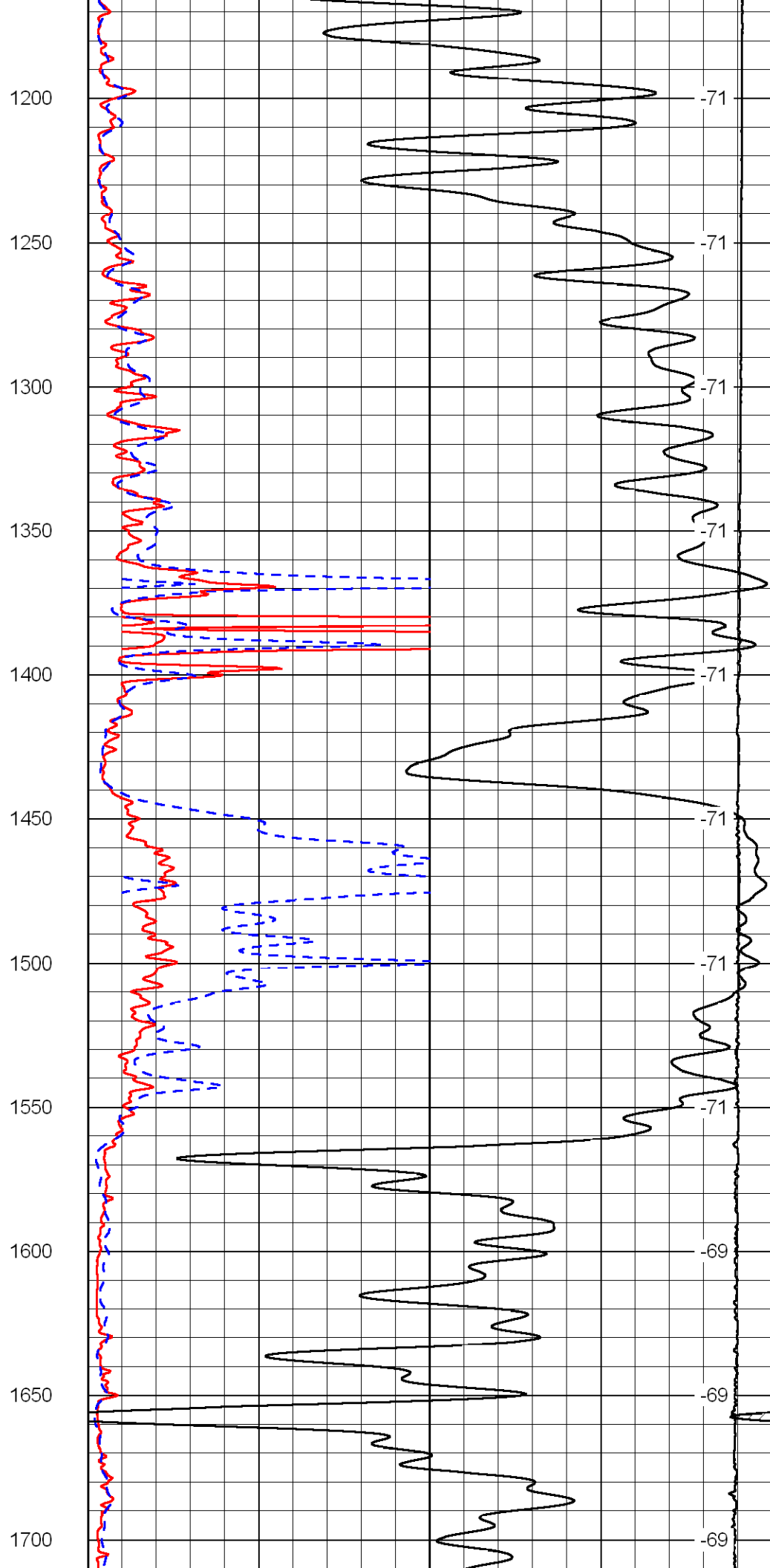
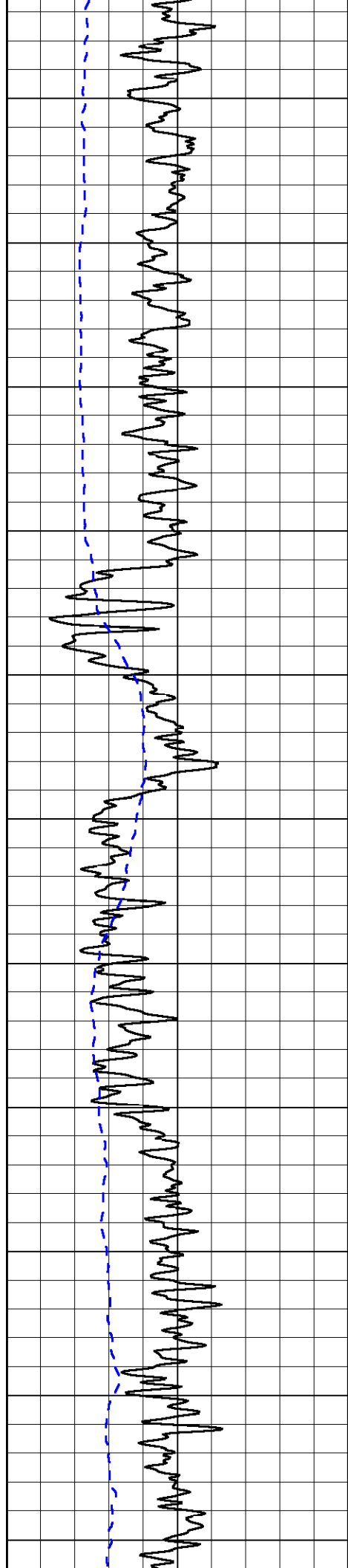
LSPD

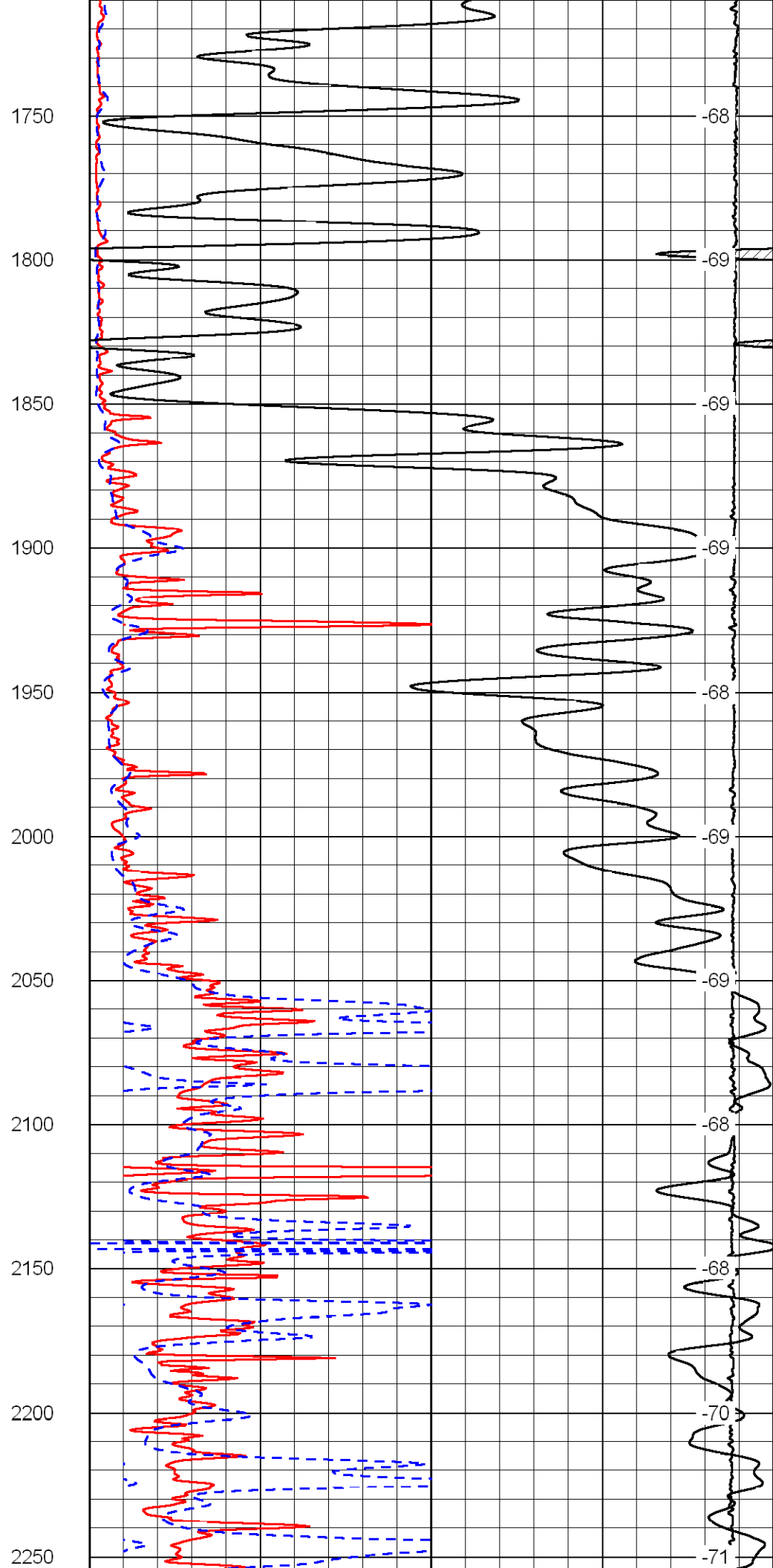
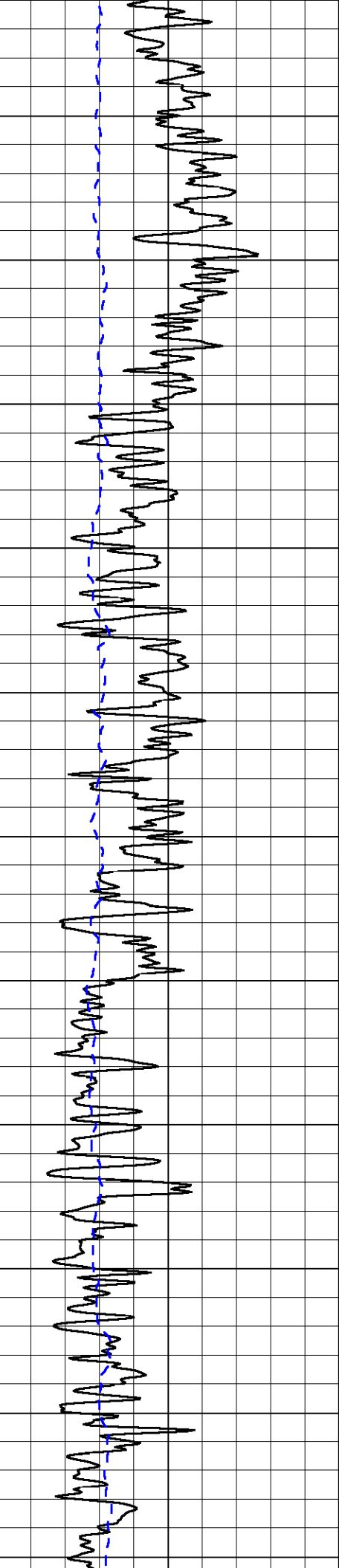
1000	Conductivity	0
------	--------------	---

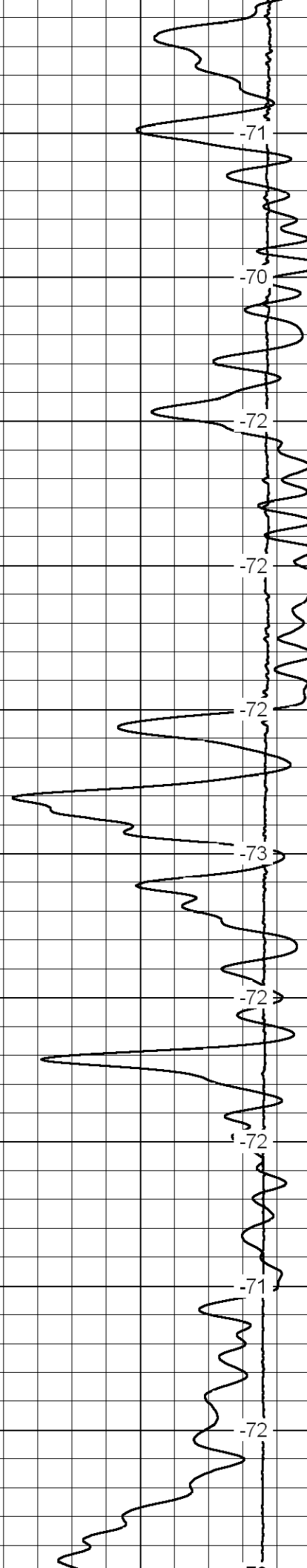
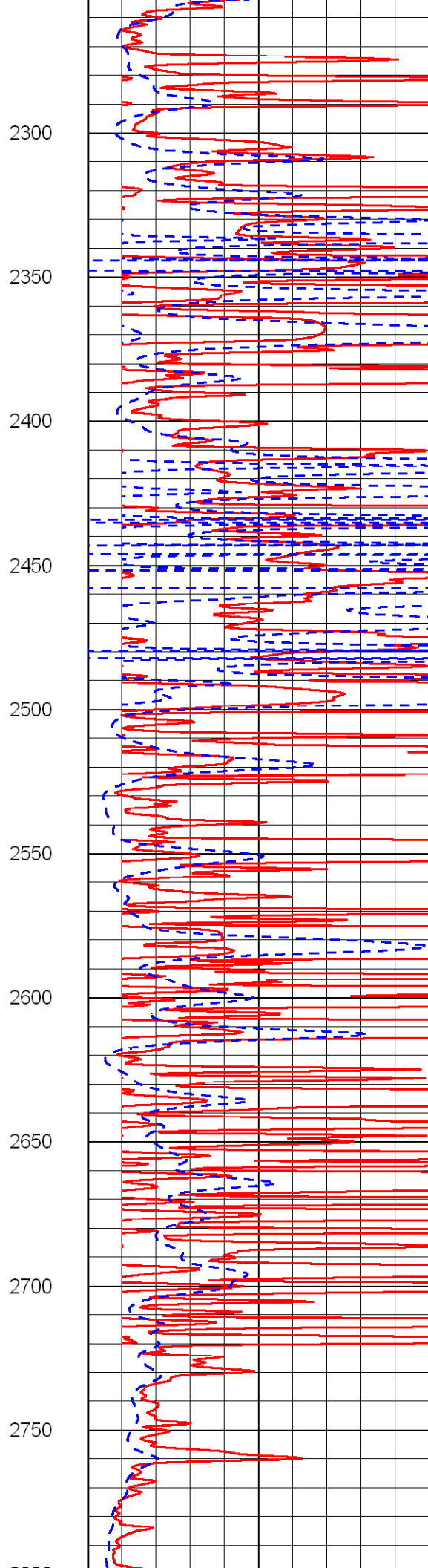
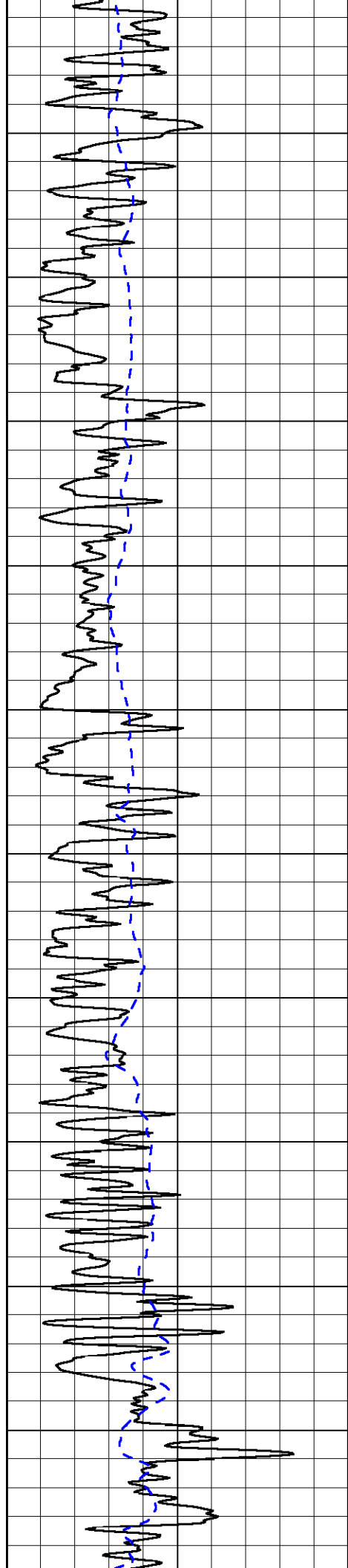
15000	Line Tension	0
-------	--------------	---

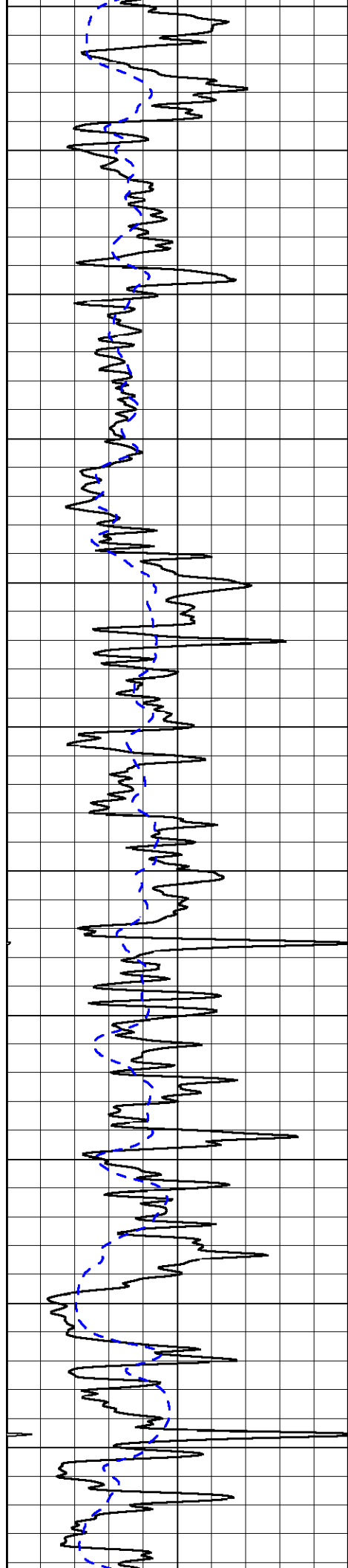
50	Shallow Resistivity	500
50	Deep Resistivity	500



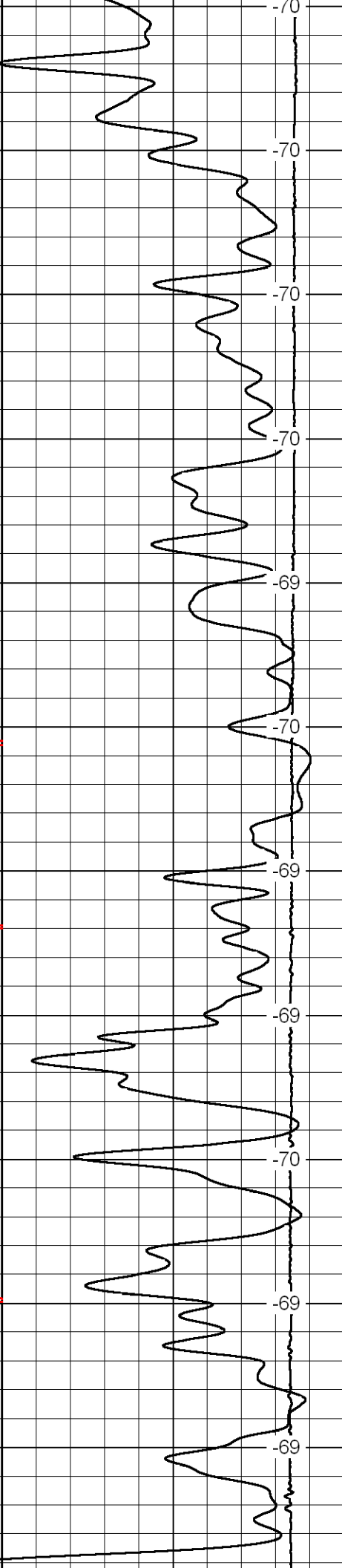
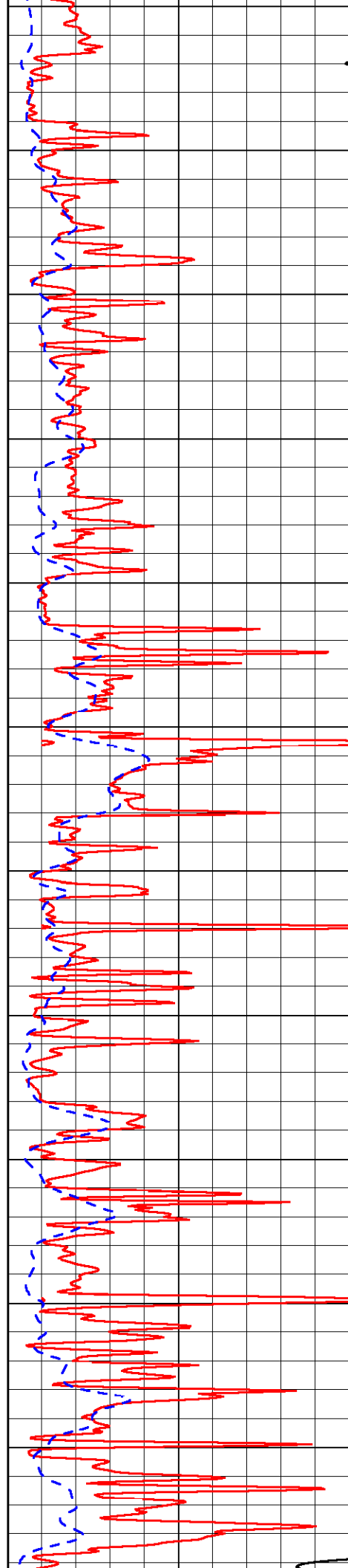


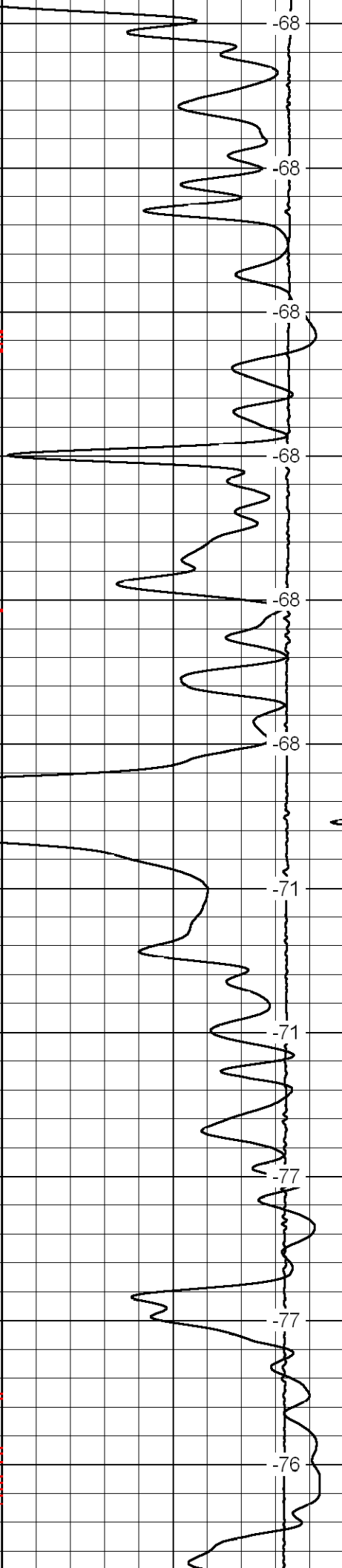
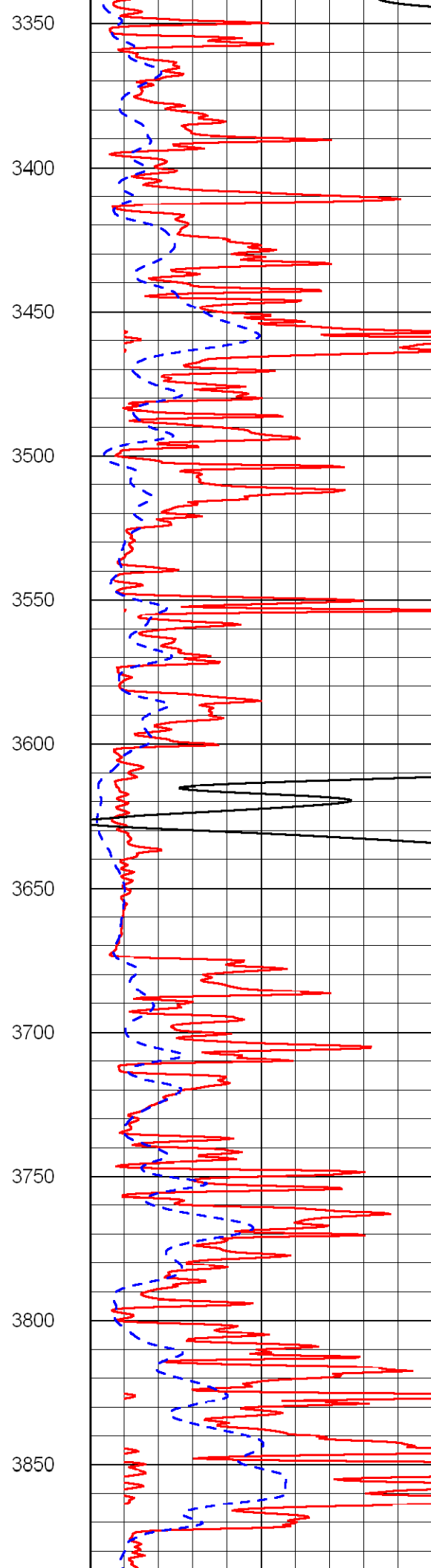
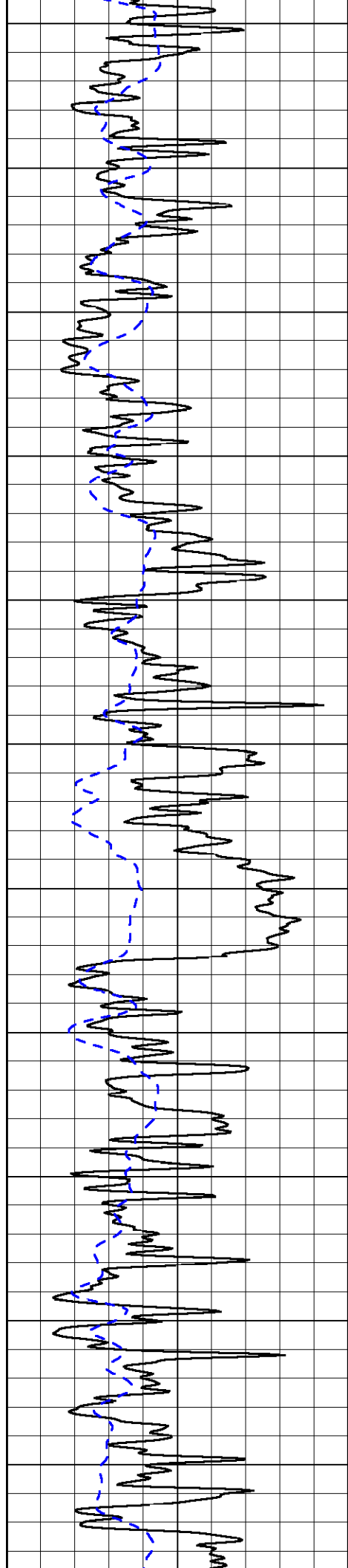


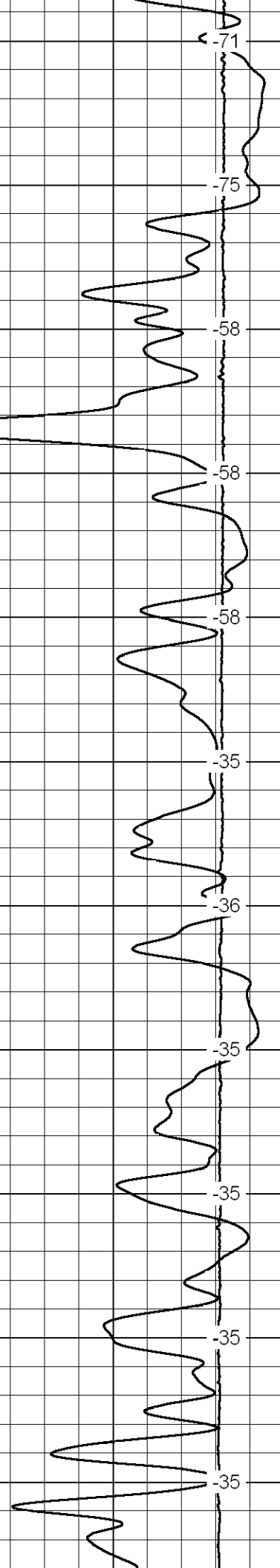
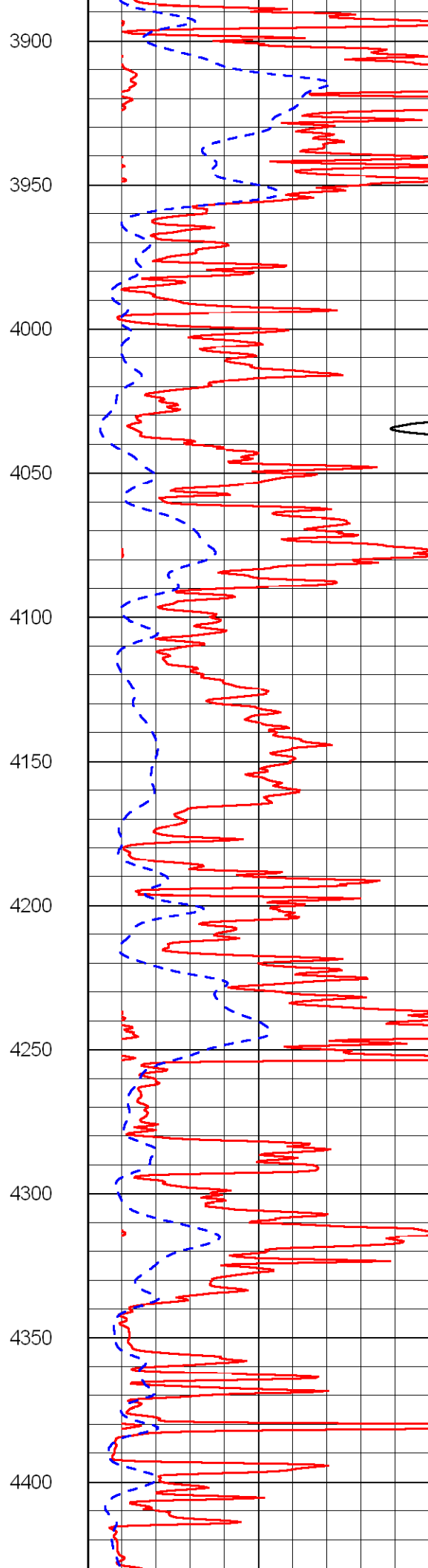
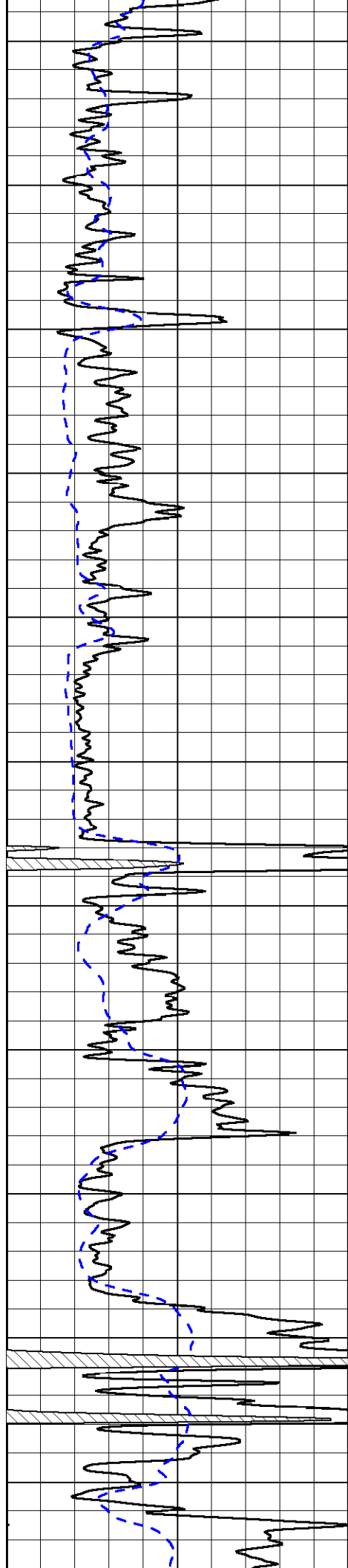


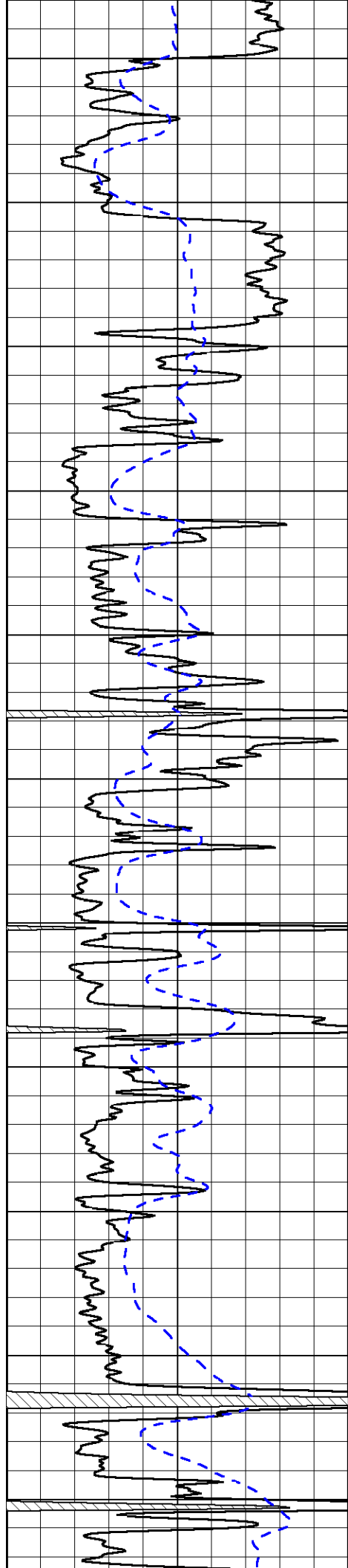


2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300









4450

4500

4550

4600

4650

4700

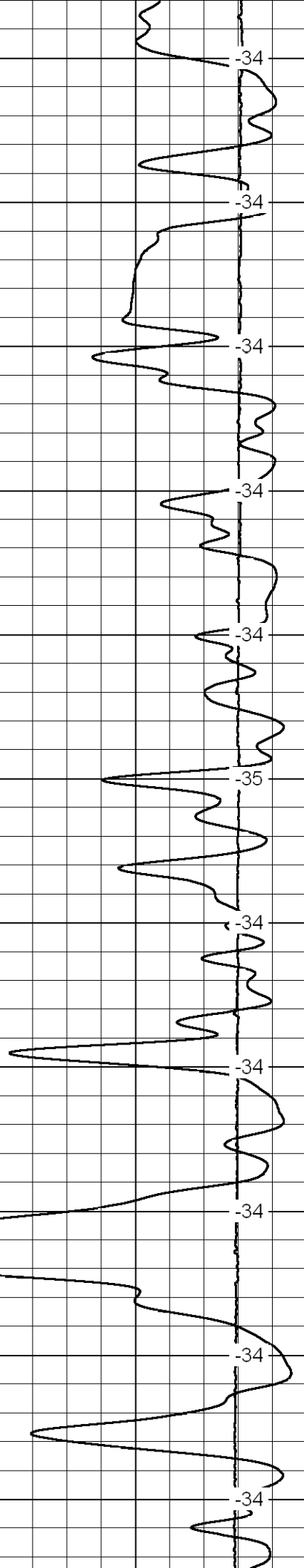
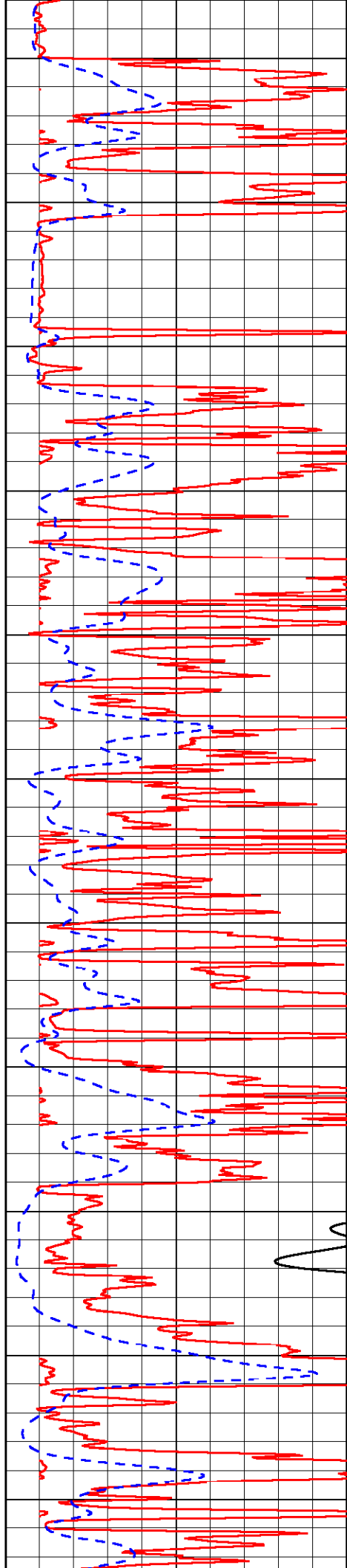
4750

4800

4850

4900

4950



-34

-34

-34

-34

-34

-35

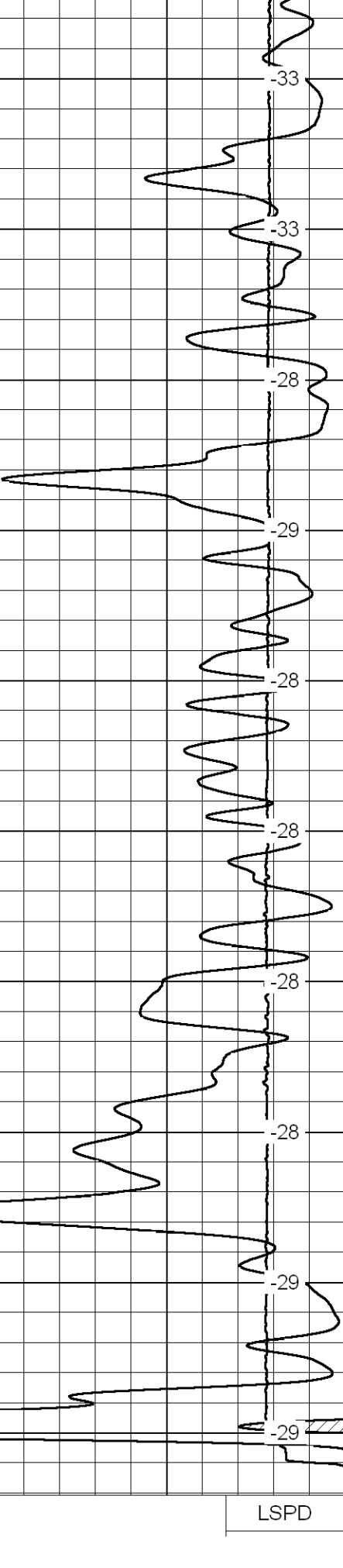
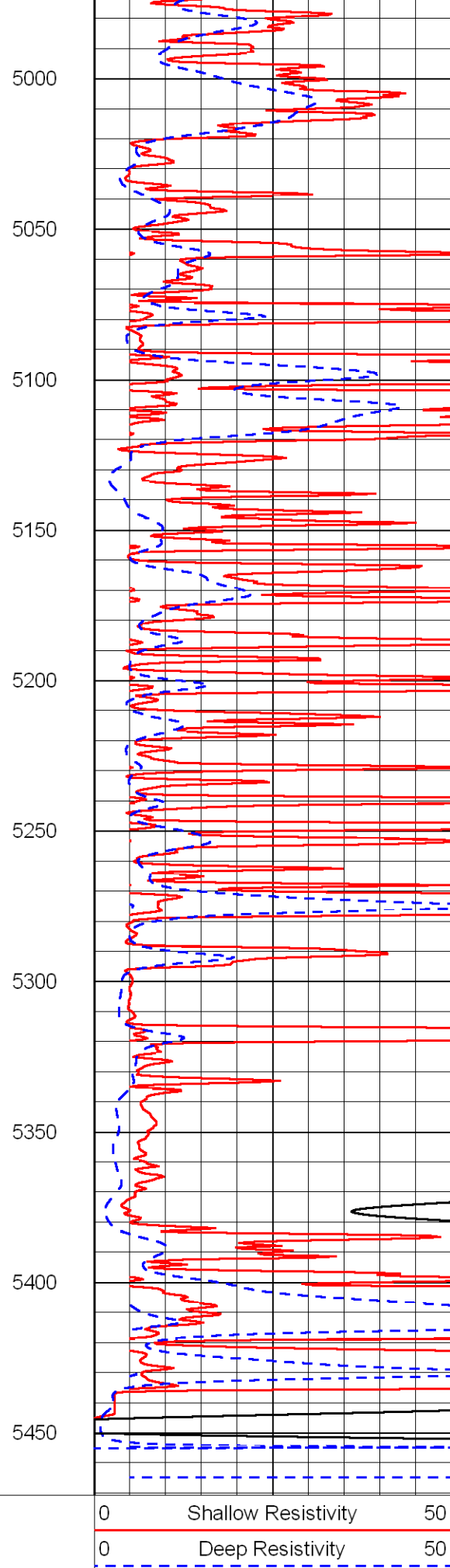
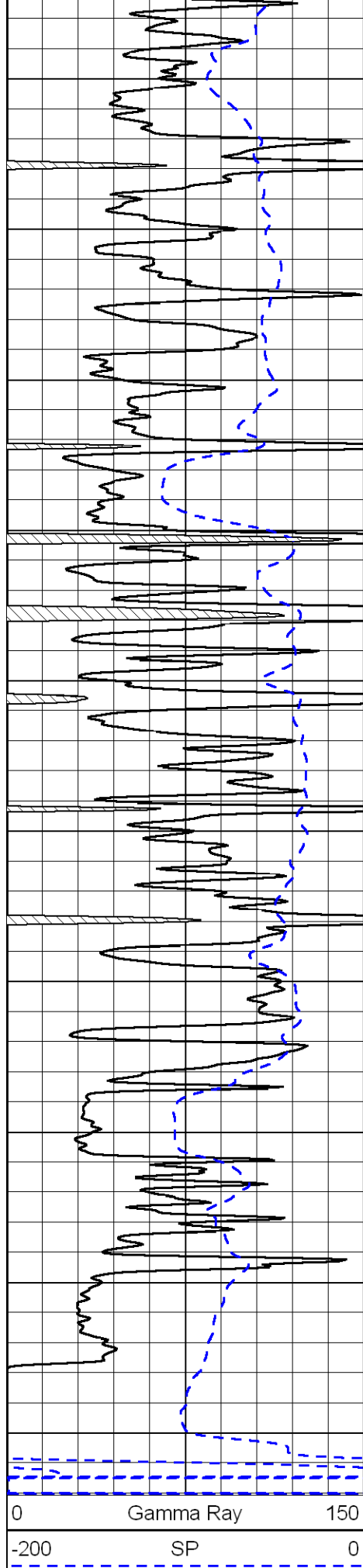
-34

-34

-34

-34

-34



0 150
Gamma Ray
-200 0
SP

0 50
Shallow Resistivity
0 50
Deep Resistivity

LSPD

1000 15000
Conductivity
Line Tension

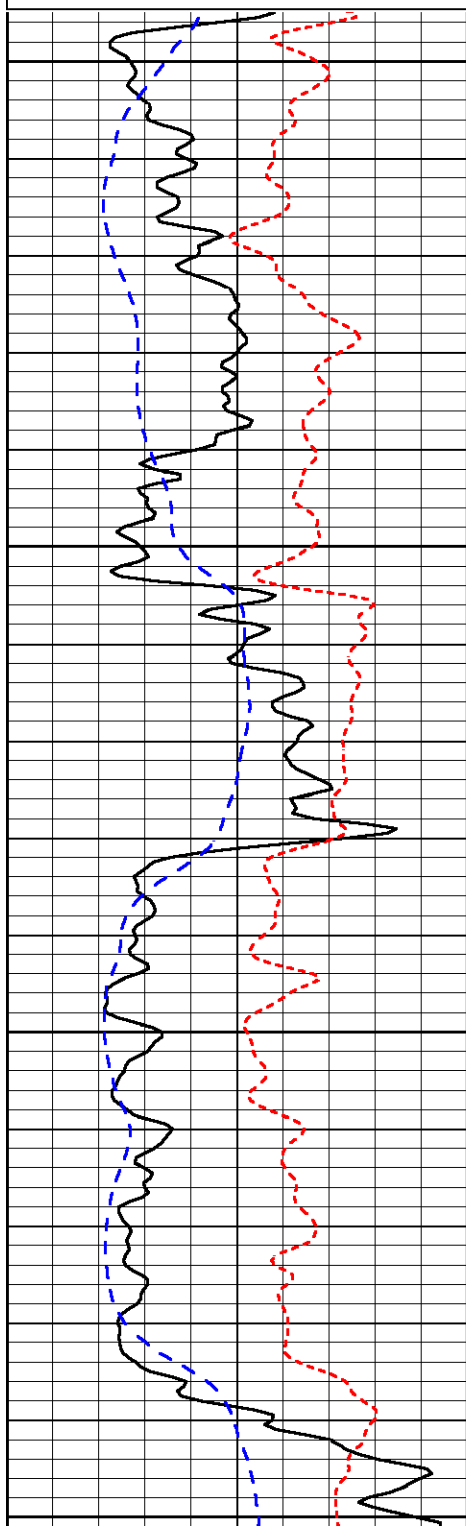
50	Shallow Resistivity	500
50	Deep Resistivity	500

Database File: c:\warrior\data\pickrell_halling b no. 8\pickhd.db
 Dataset Pathname: dil/pick2in
 Presentation Format: dil
 Dataset Creation: Wed Oct 15 18:44:26 2008
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP	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

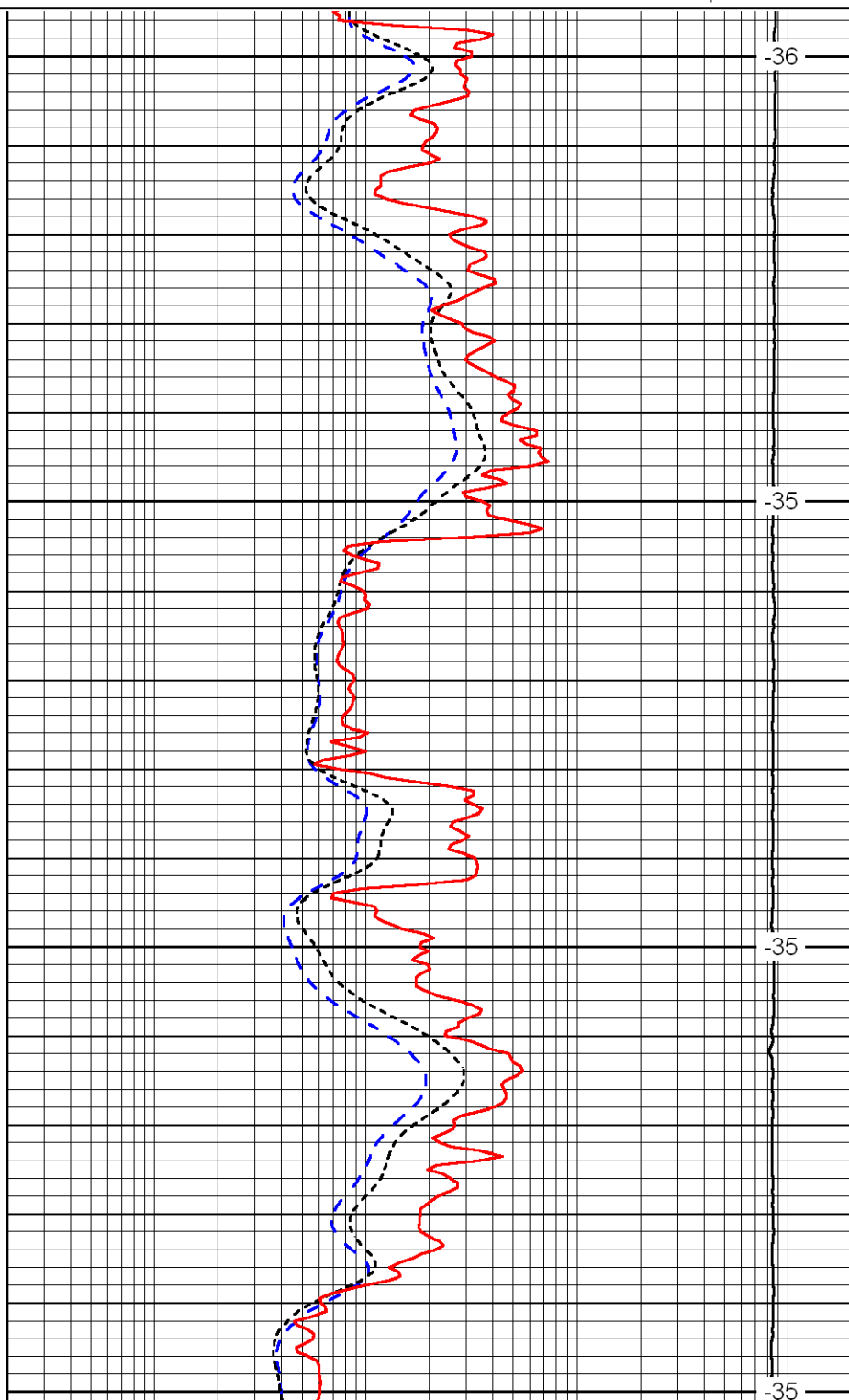


4200

4250

4300

4350

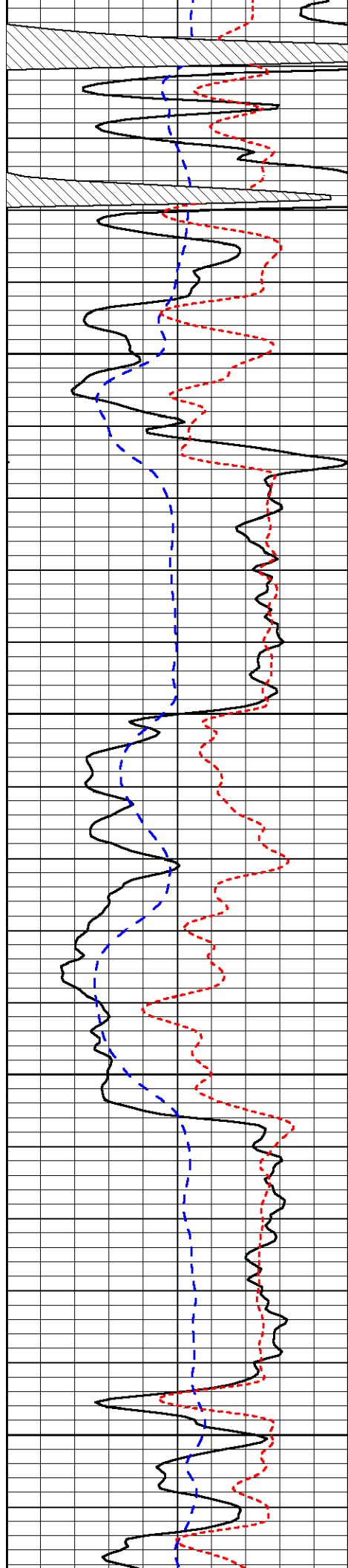


-36

-35

-35

-35

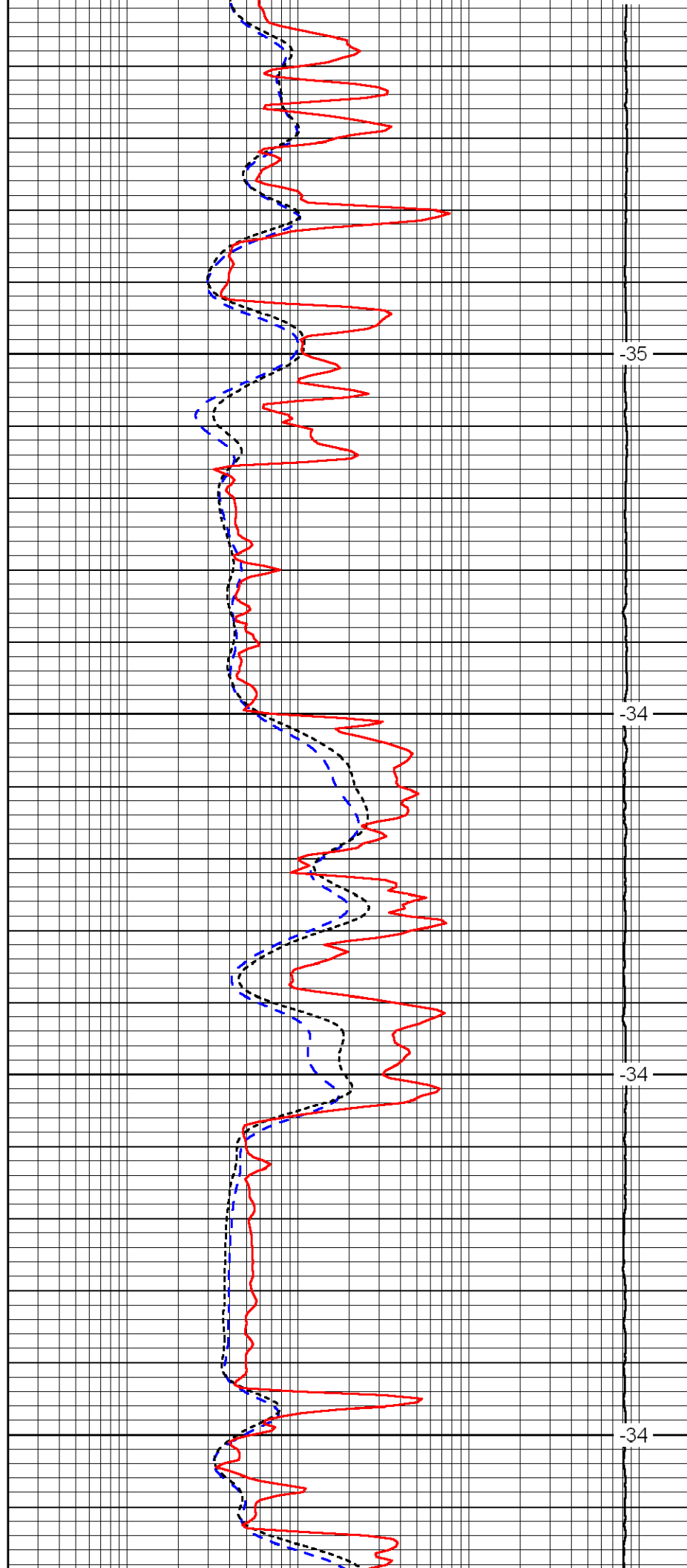


4400

4450

4500

4550

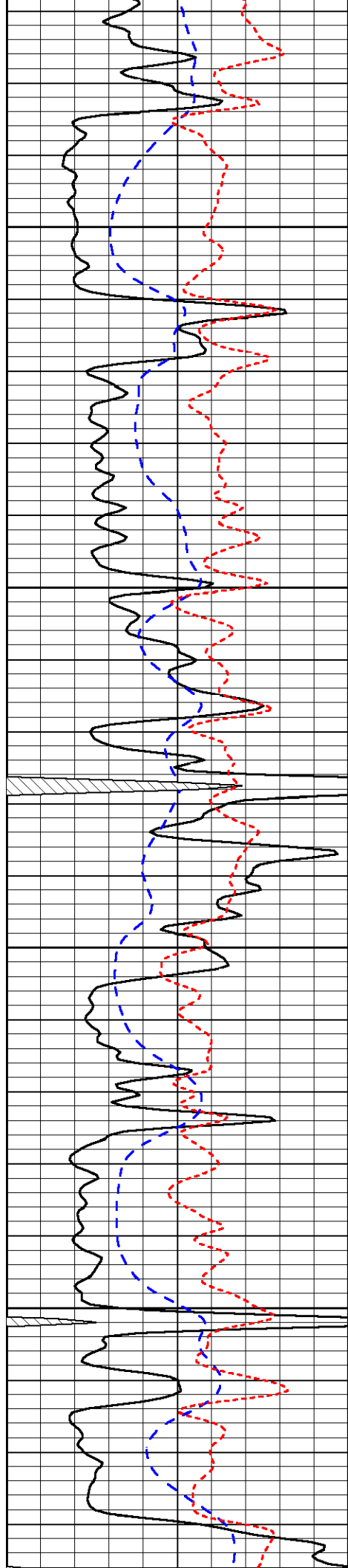


-35

-34

-34

-34

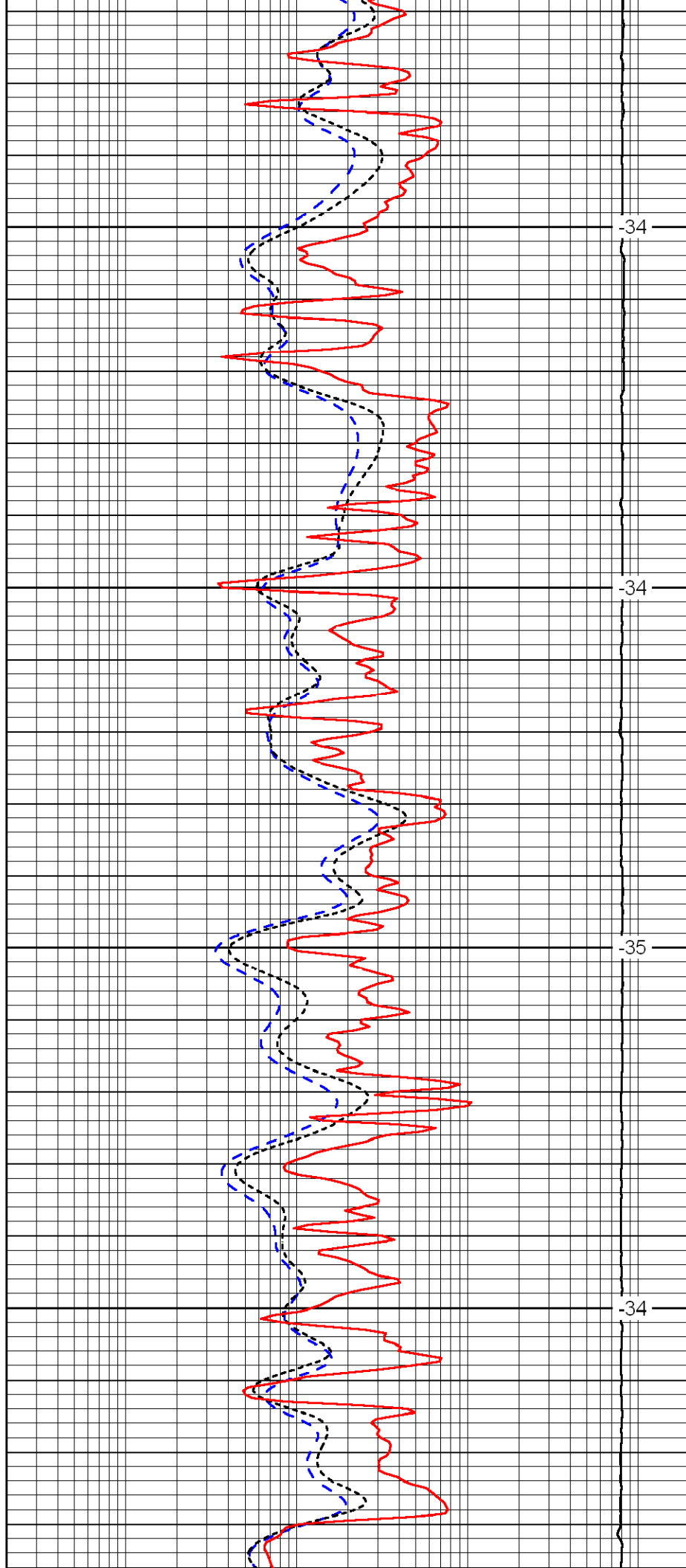


4600

4650

4700

4750

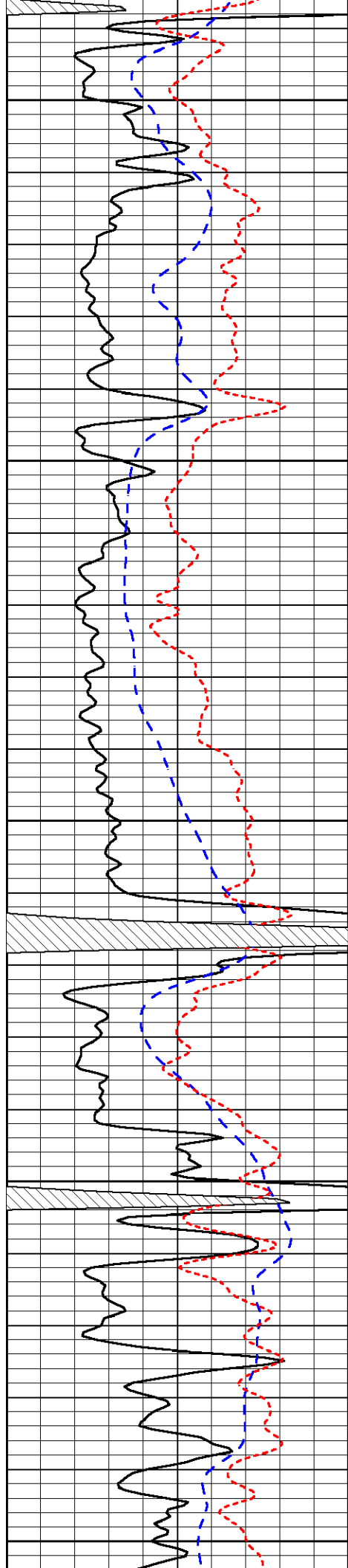


-34

-34

-35

-34



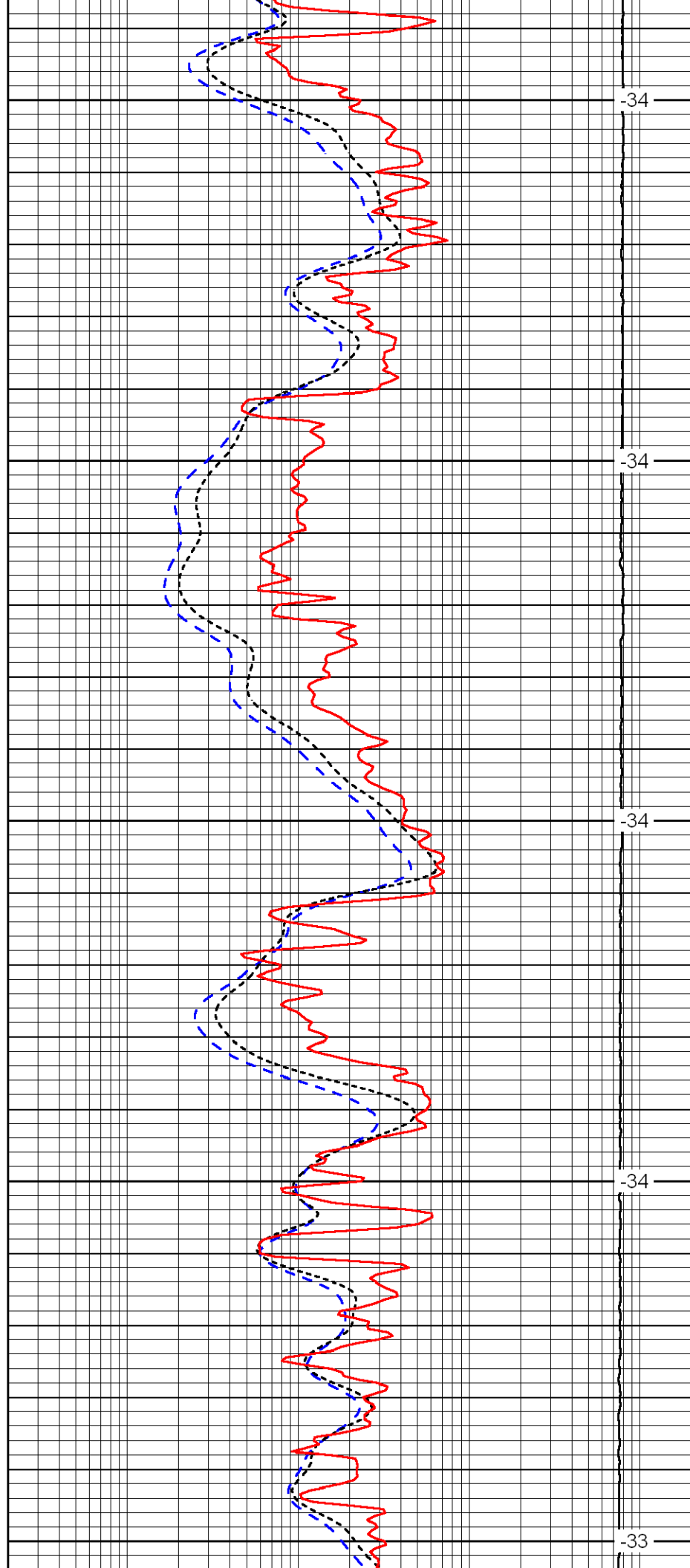
4800

4850

4900

4950

5000



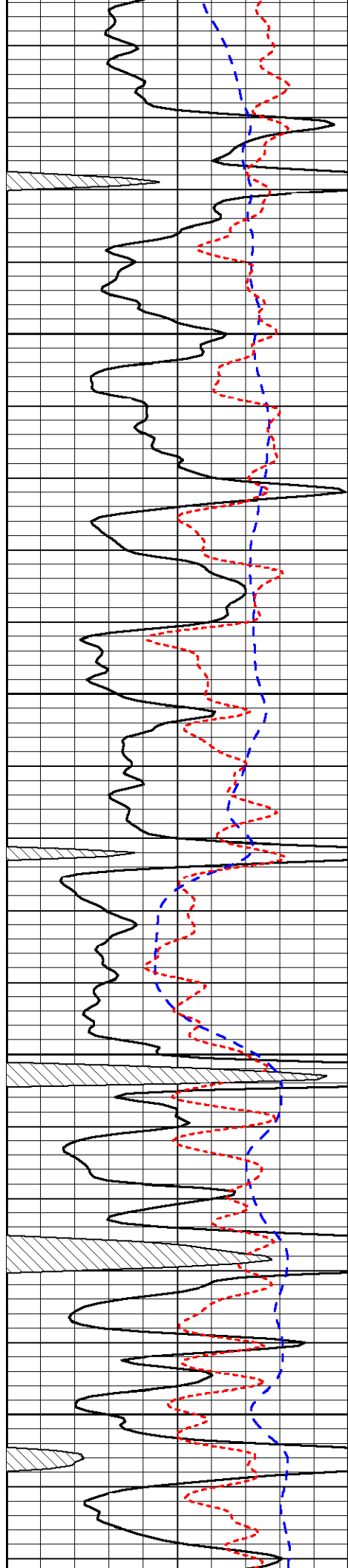
-34

-34

-34

-34

-33

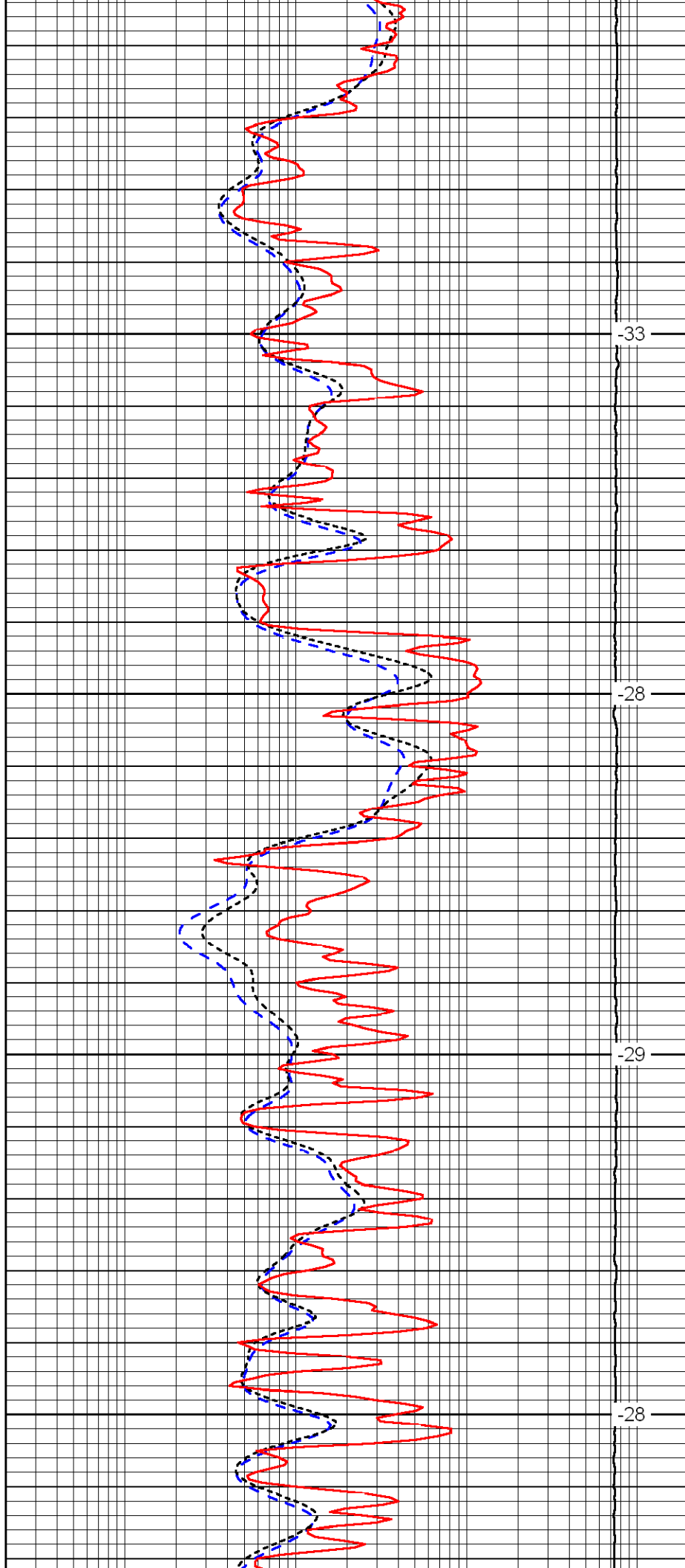


5050

5100

5150

5200

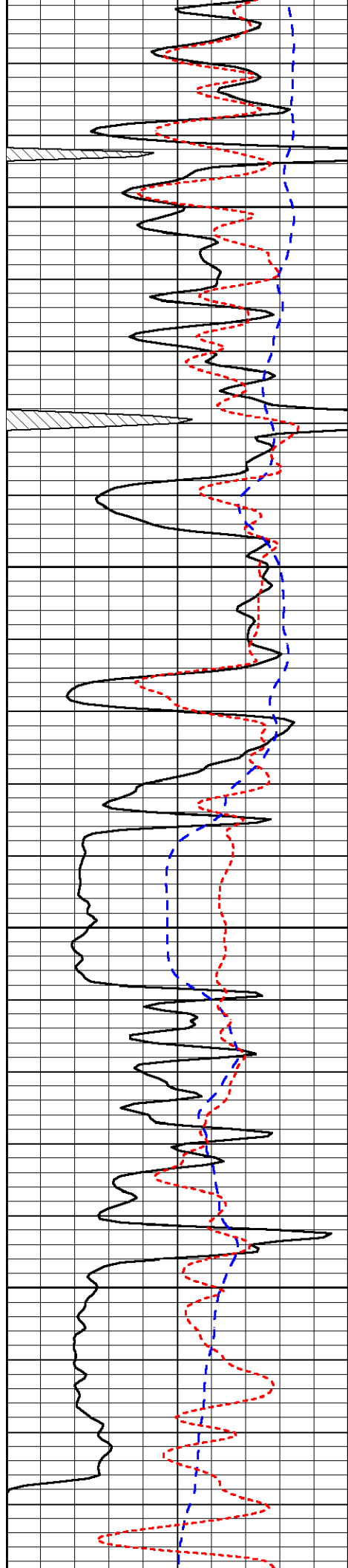


-33

-28

-29

-28

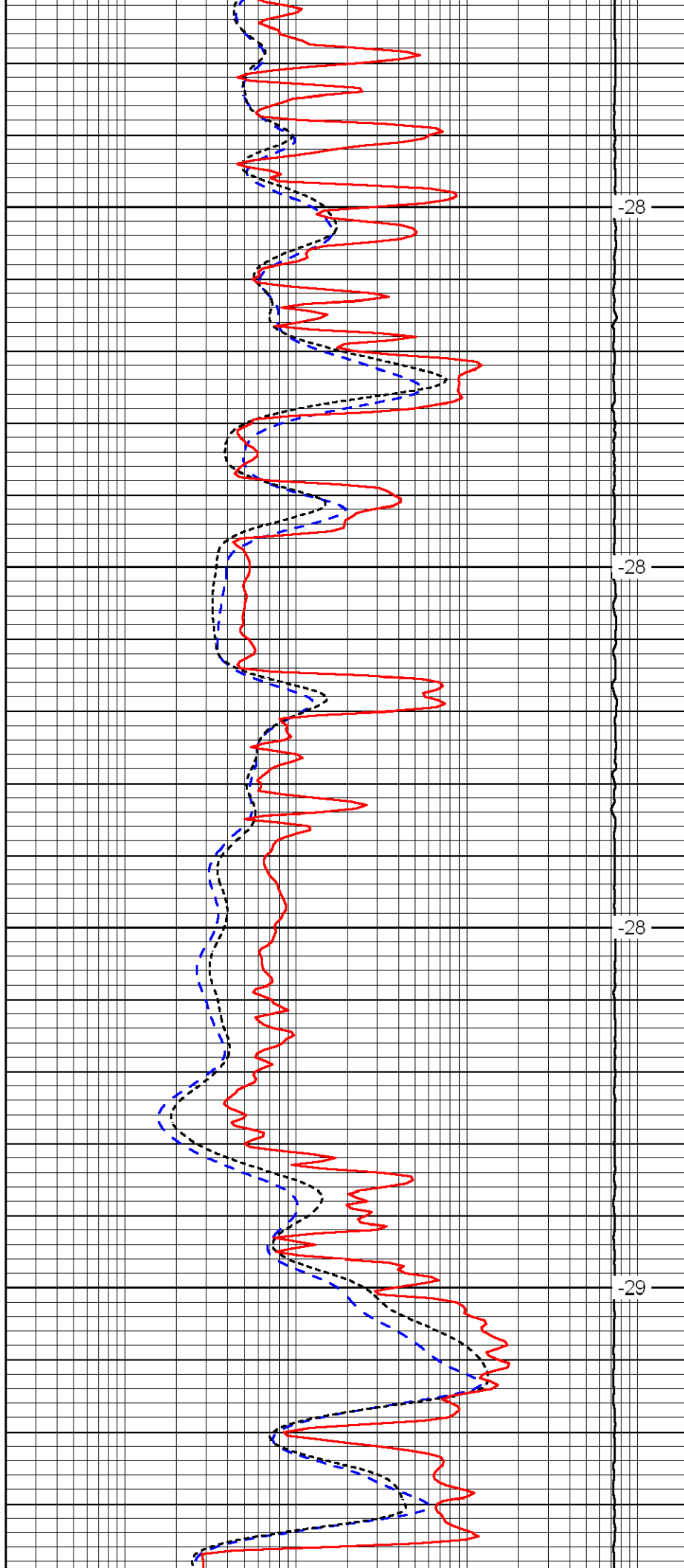


5250

5300

5350

5400

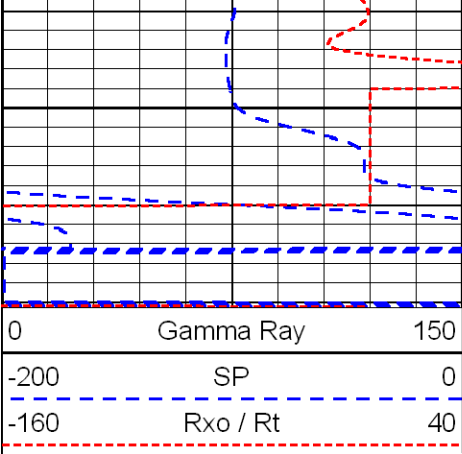


-28

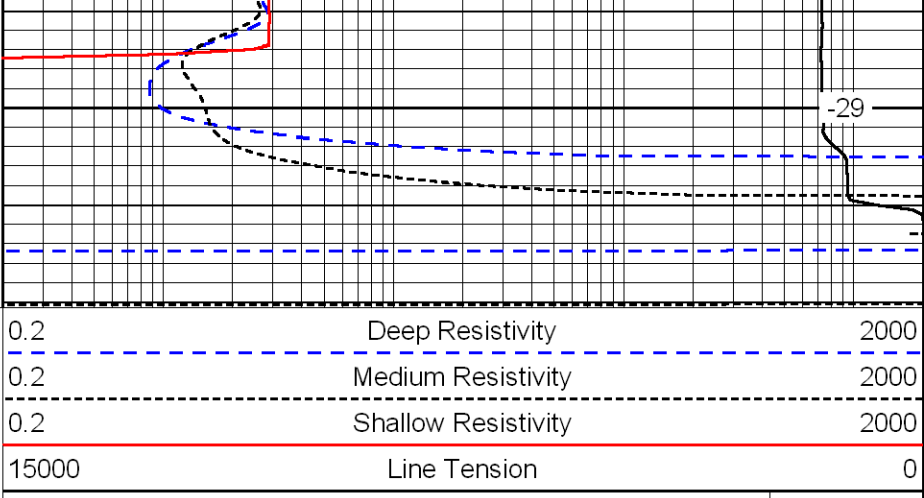
-28

-28

-29



5450



LSPD