

DIGITAL LOG

(785) 625-3858

API No.

Company **Chieftain Oil Co., Inc.**

Well Lake No. 1

Field Rhodes

County Barber State

Kansas

SE SW NE SW

Sec: 21 Twp: 33 S Rge: 11 W

Elevation

m	Ground Level	Elevation 1376
from	Kelly Bushing	10 Ft. Above Perm. Datum

d Fronkelly Bushing

Elevation 1376
Above Perm. D

G.L. 1376

Date	4/29/2011
------	-----------

Run Number	One
------------	-----

Depth Driller	5000
---------------	------

Depth Logger	5004
--------------	------

Bottom Logged Interval	5003
------------------------	------

Top Log Interval	300	337
------------------	-----	-----

Casing Driller	13.3/5 @ 321
Casing	30E
Casing	30E

casiling loggael	0605
git Sizc	

Tube Eluid is H ₂ O	Chemical
Oil size	0.025

Salinity ppm C	5500
type I land fill hole	Chemical

Density / Viscosity	9.3	61
Dynamic Viscosity	0.000	

PH / Fluid Loss	10	7.8
Energy / Pressure	50	50

Source of Sample	Flowline
------------------	----------

3m @ Meas. Temp	@ 82
.6	

Rmf @ Meas. Temp	.45 @ 82
------------------	----------

Rmc @ Meas. Temp	.81 @ 82
------------------	----------

Source of Rmf / Rmc	Charts
---------------------	--------

Rm @ BHT	.39 @ 126
----------	-----------

Operating Rig Time	3 Hours
--------------------	---------

Max Rec. Temp. F	126
------------------	-----

Equipment Number	15
------------------	----

Location	Ha/s
Location D:	

Recorded By	Jim Schuller
Witnessed By	Arden Batzloff

Witnessed by	Aldeil Kalzall
--------------	----------------

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.

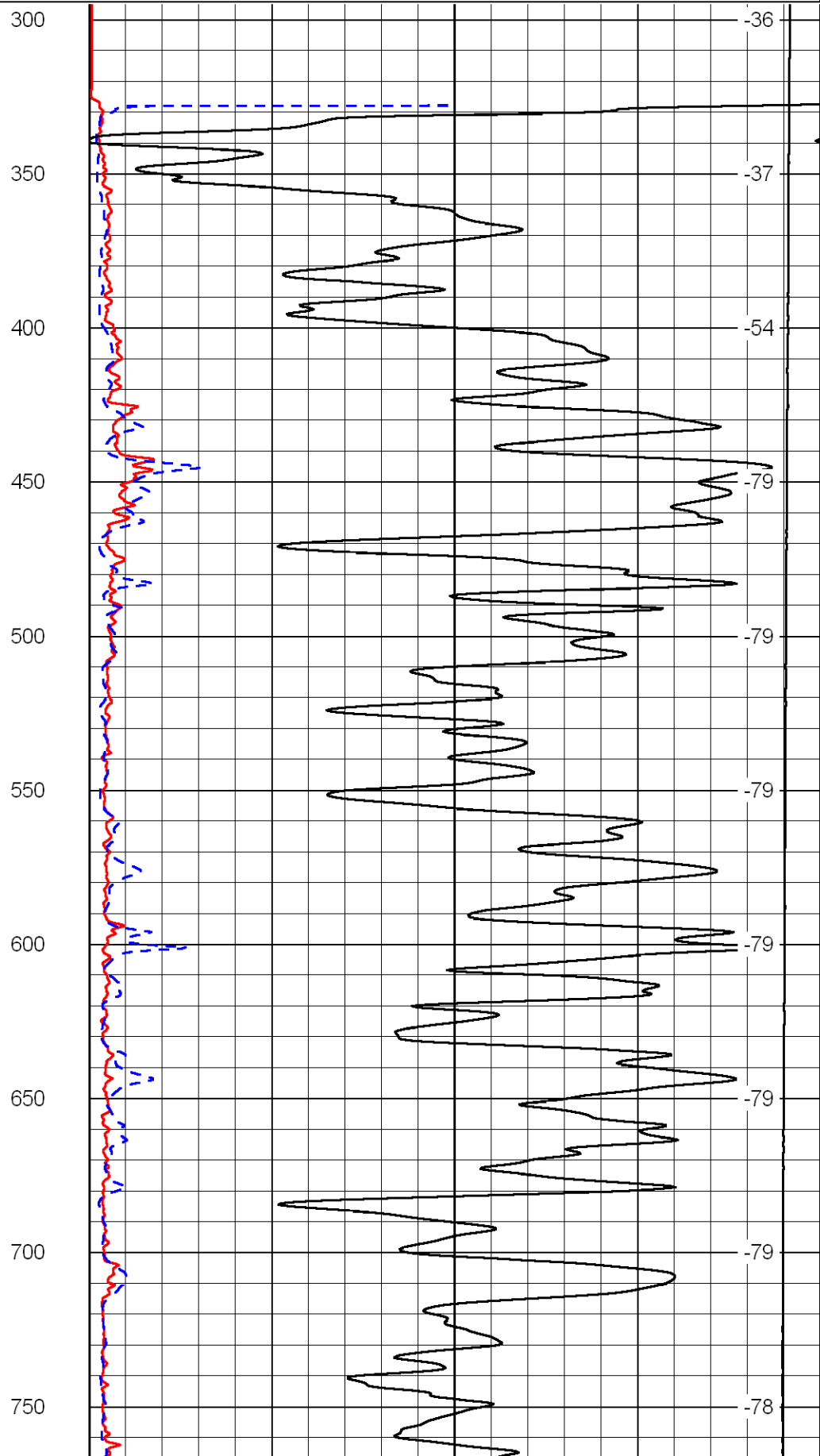
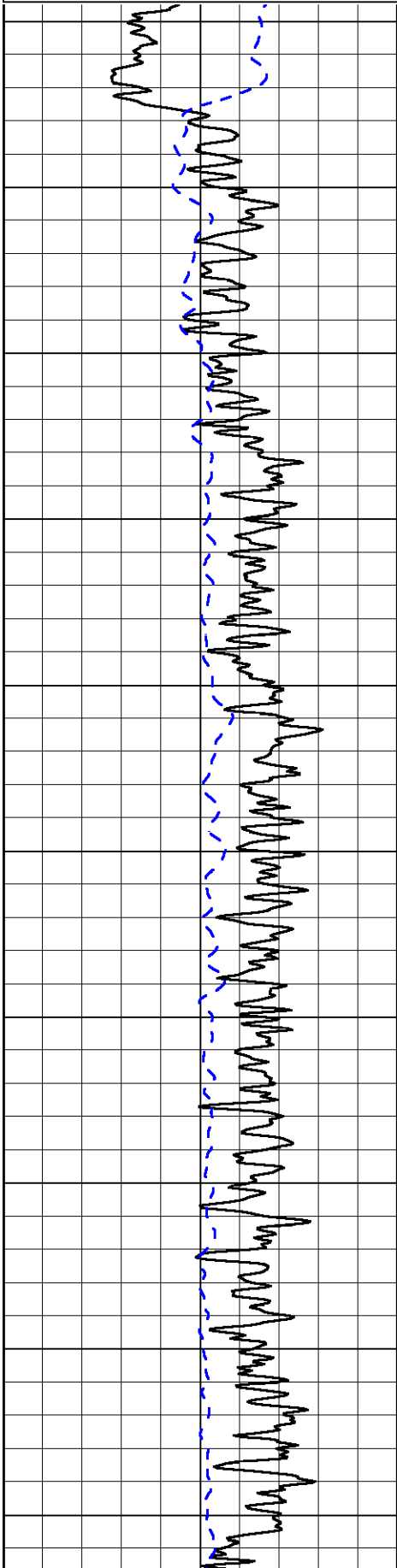
Thank you for using Log-Tech, Inc.
(785) 625-3858

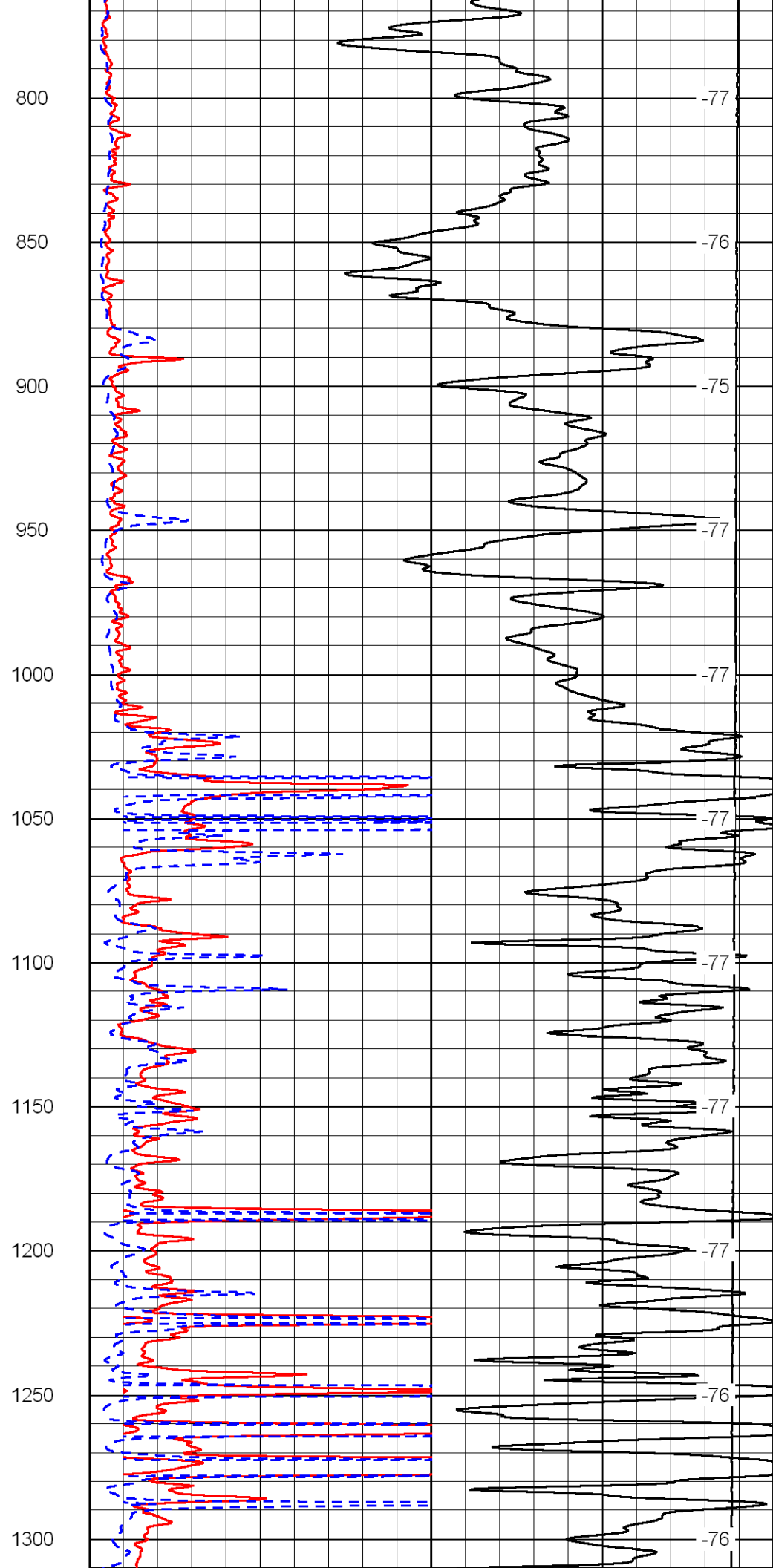
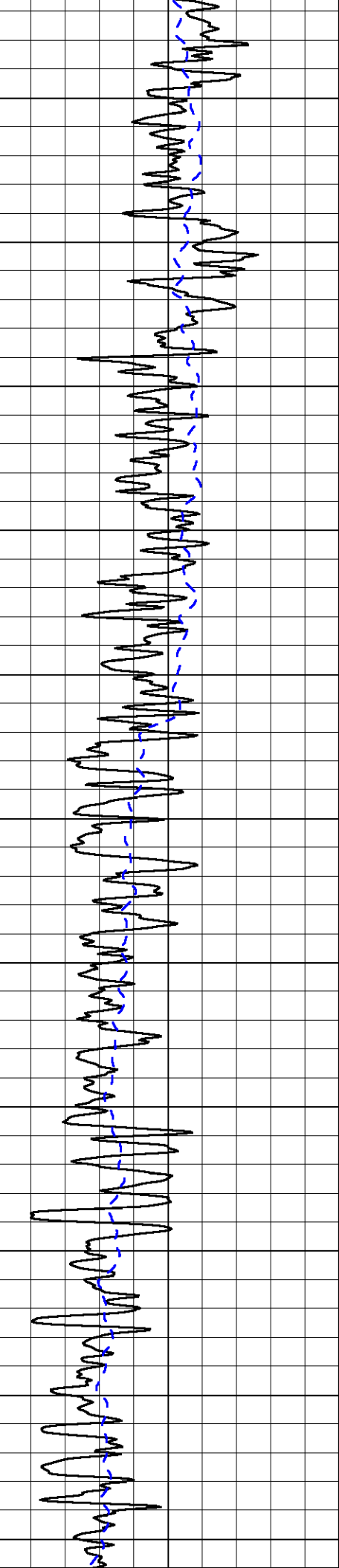
Medicine Lodge, Kansas, South to Gerlane Road. East to the Stop Sign,
Right 1/4 Mile, North Into

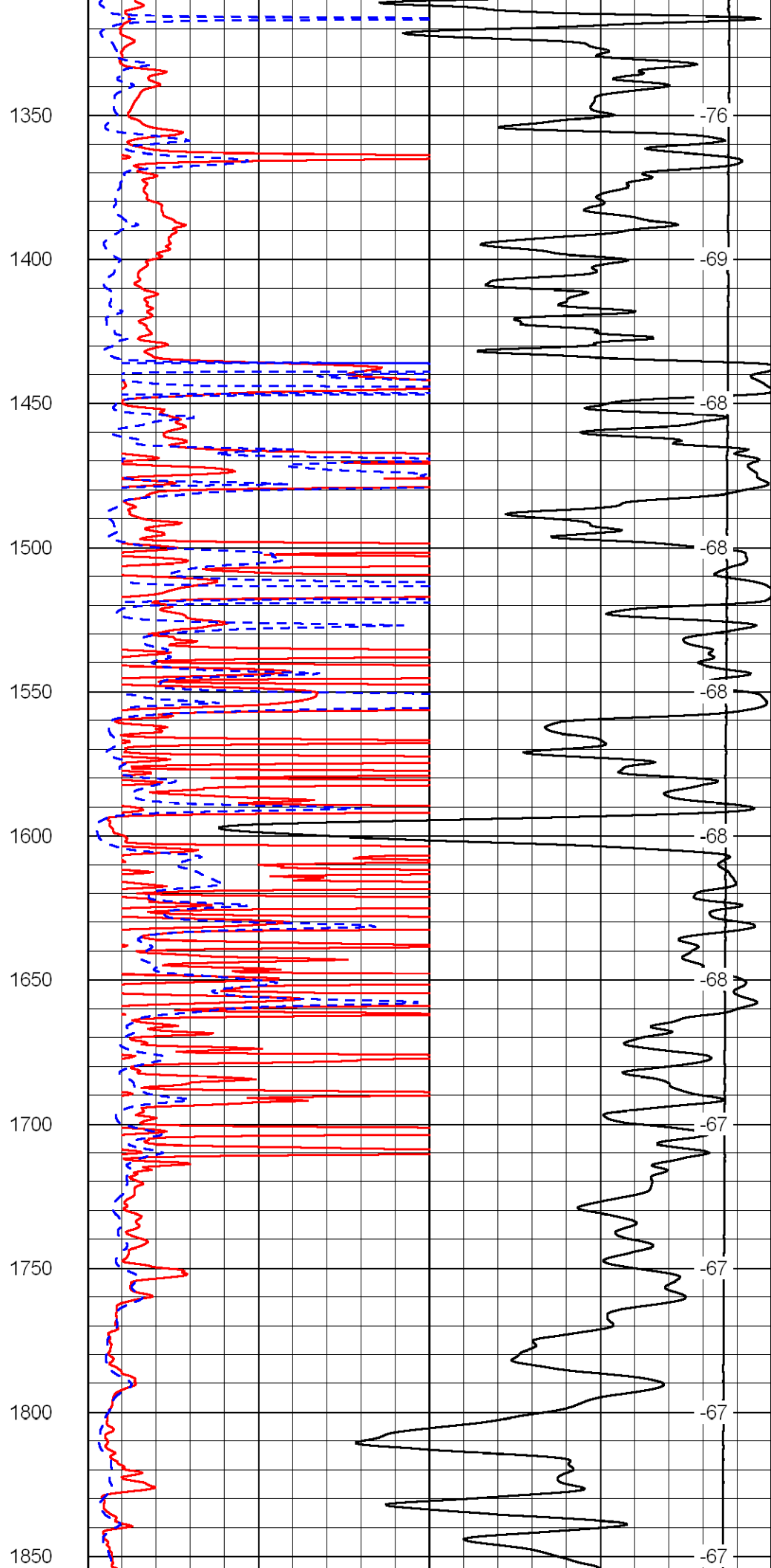
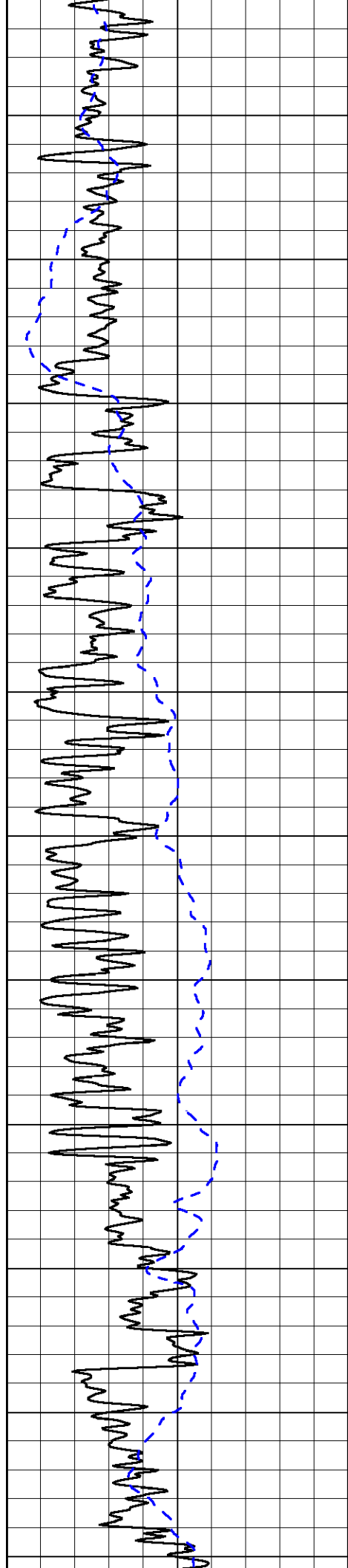
```
Database File:      chieftain_lake_1hd.db
Dataset Pathname:  DIL/chfstk
Presentation Format: dil2in
Dataset Creation:   Sat Apr 30 01:13:34 2011
Charted by:        Depth in Feet scaled 1:600
```

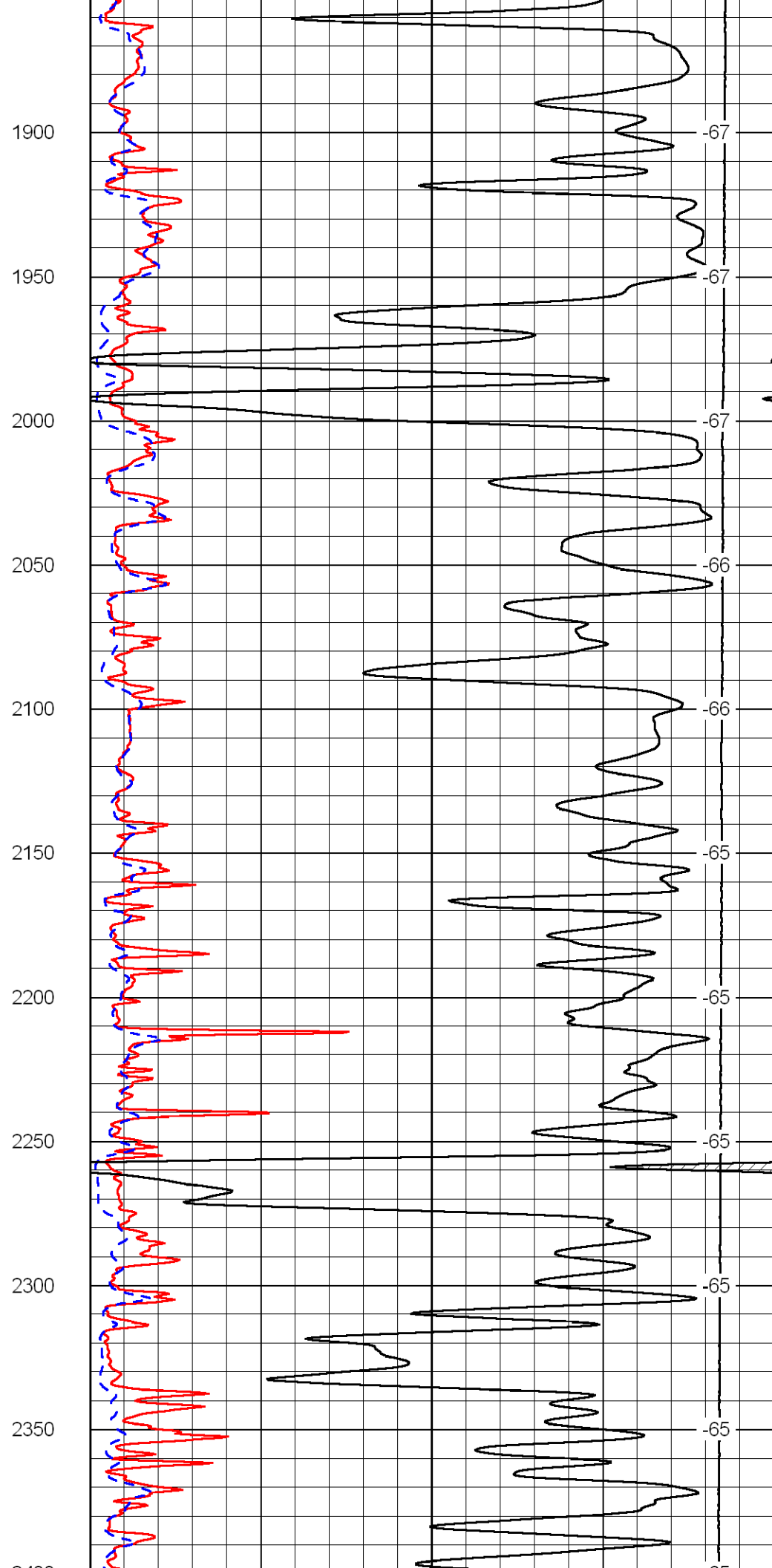
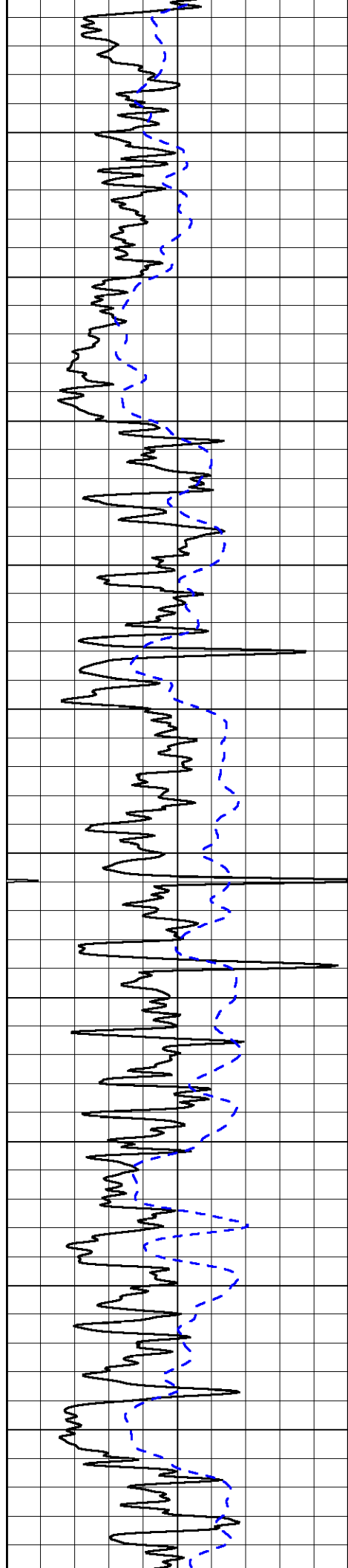
0	Gamma Ray	150
-200	SP	0

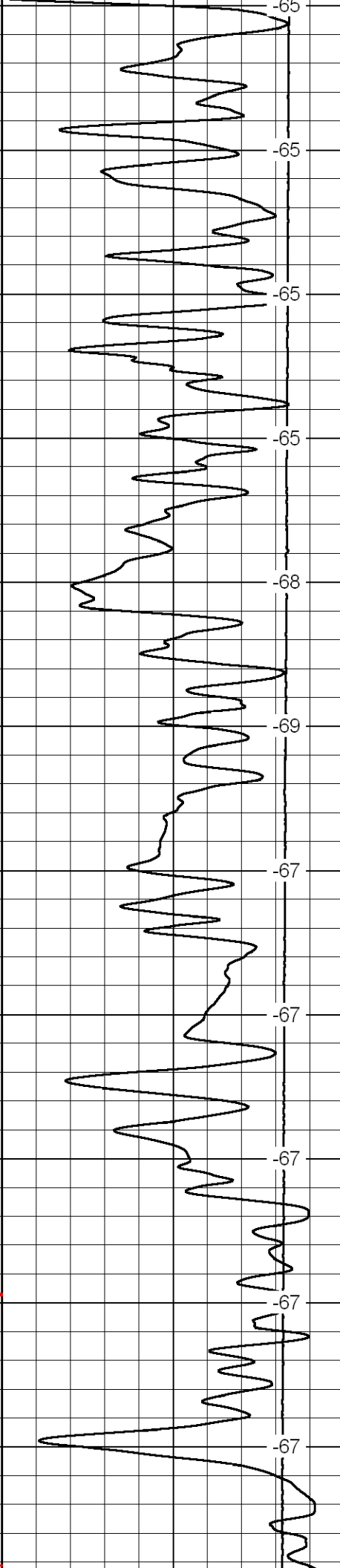
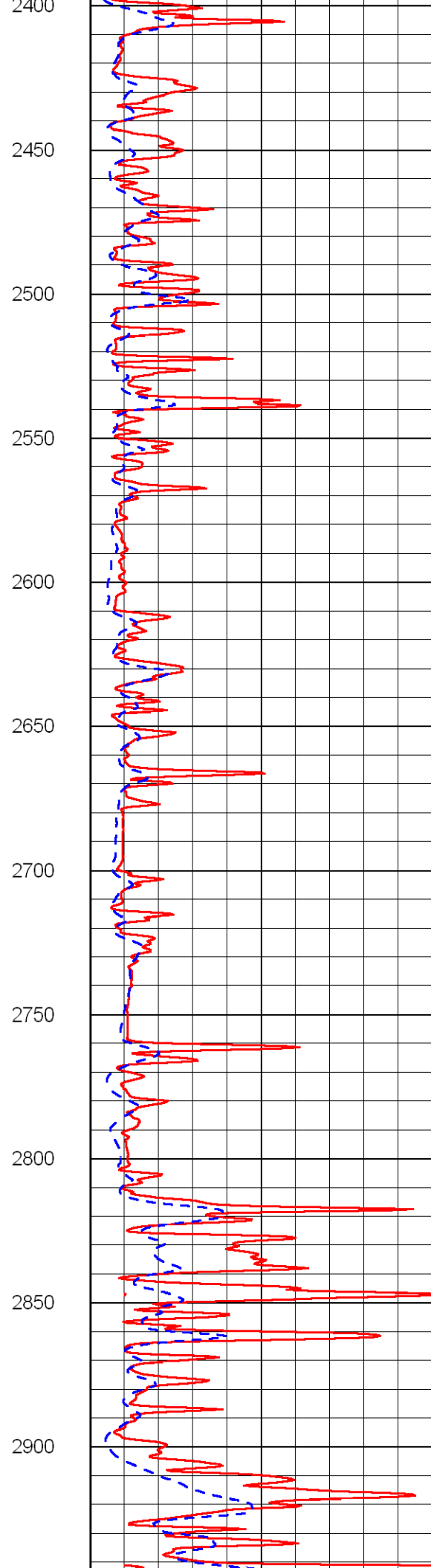
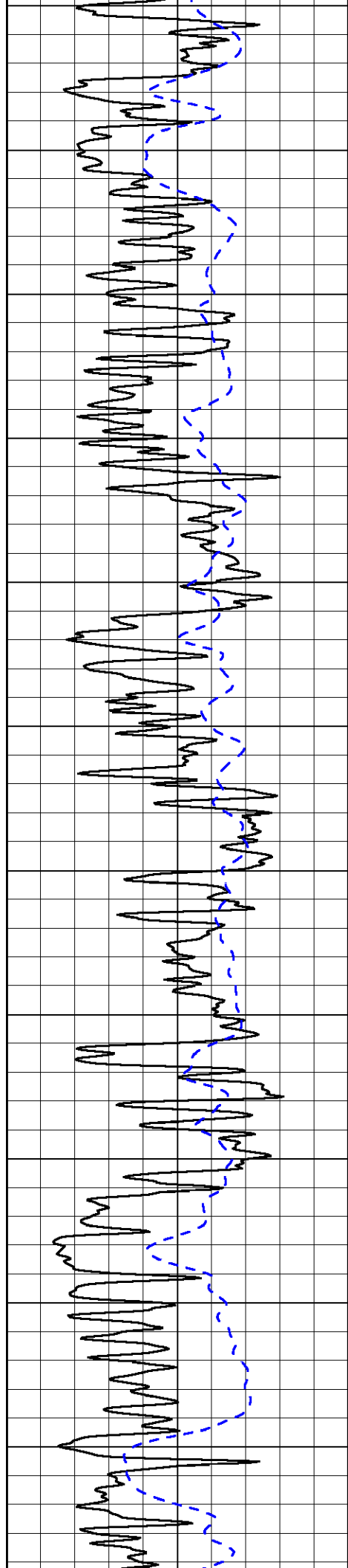
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

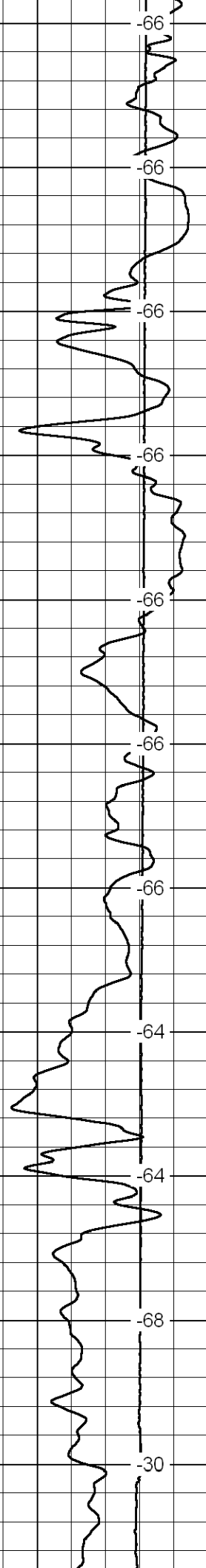
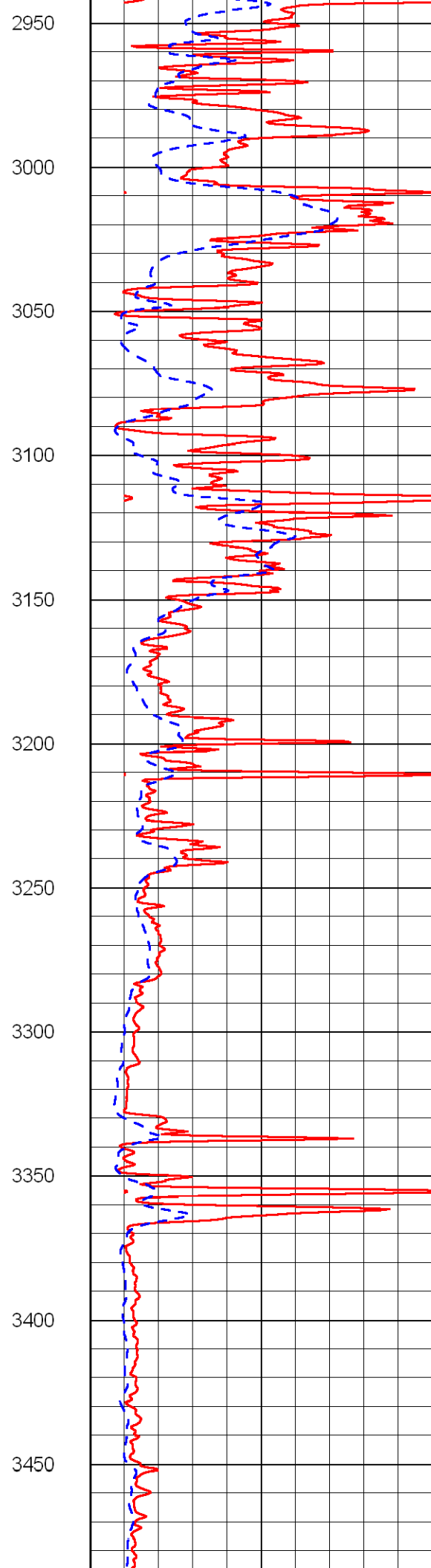
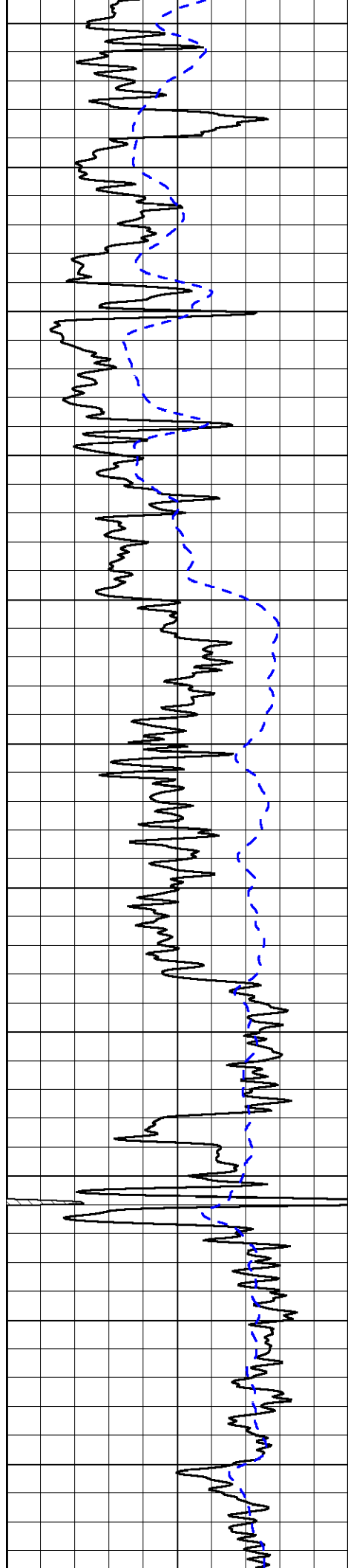


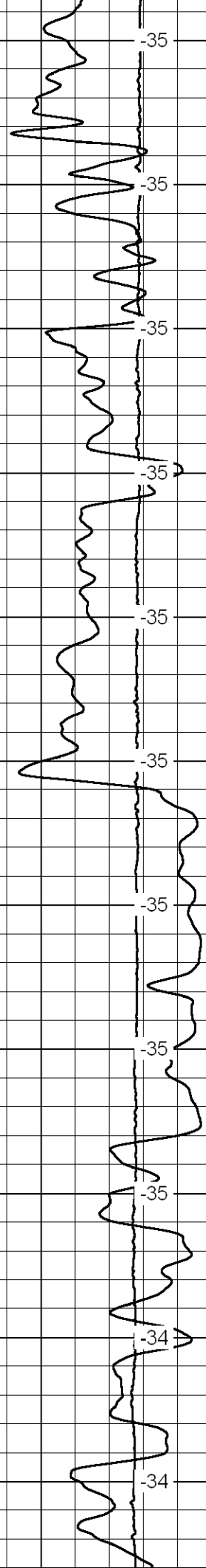
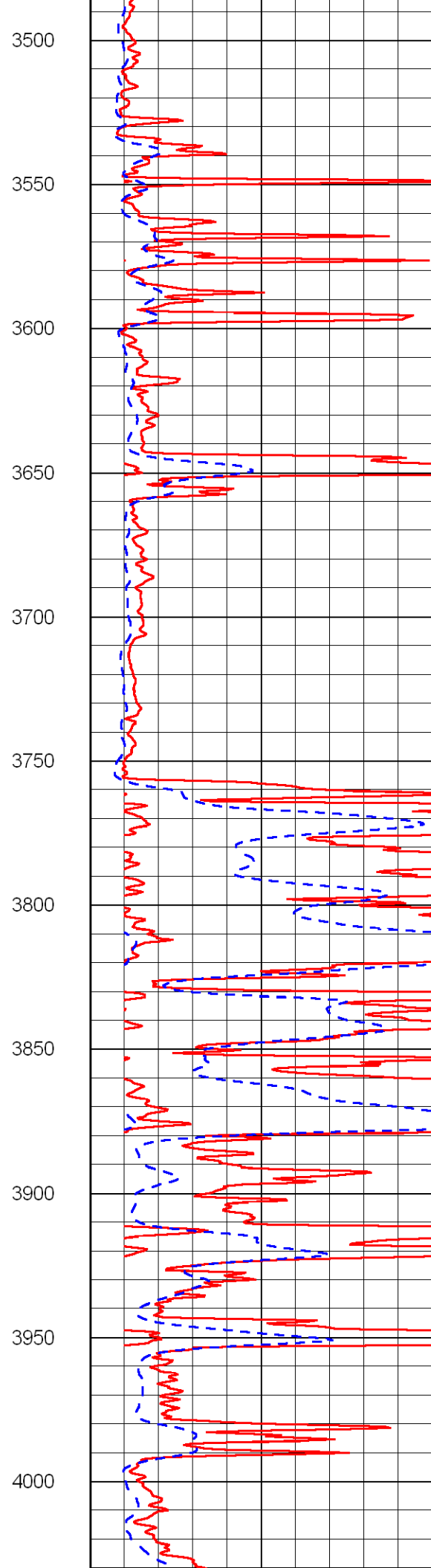
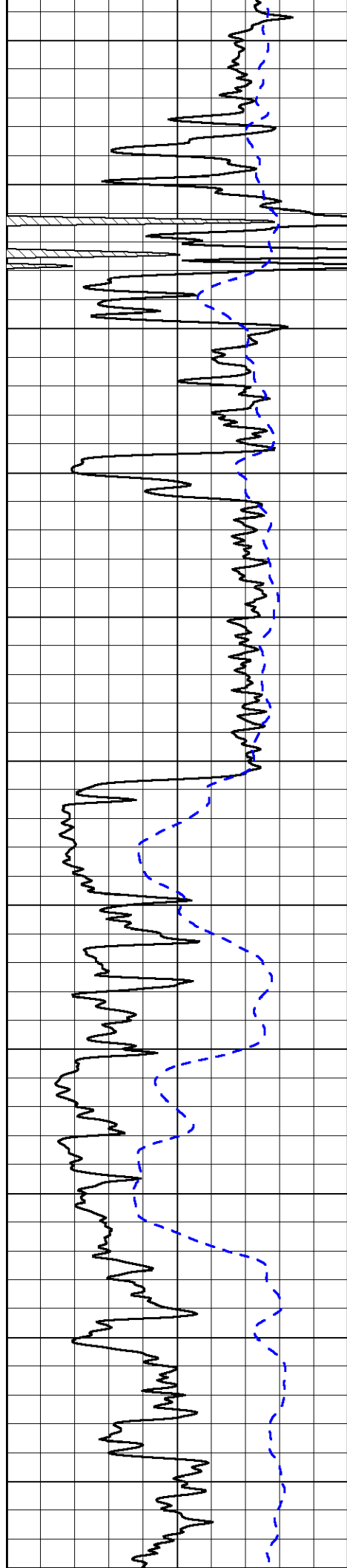


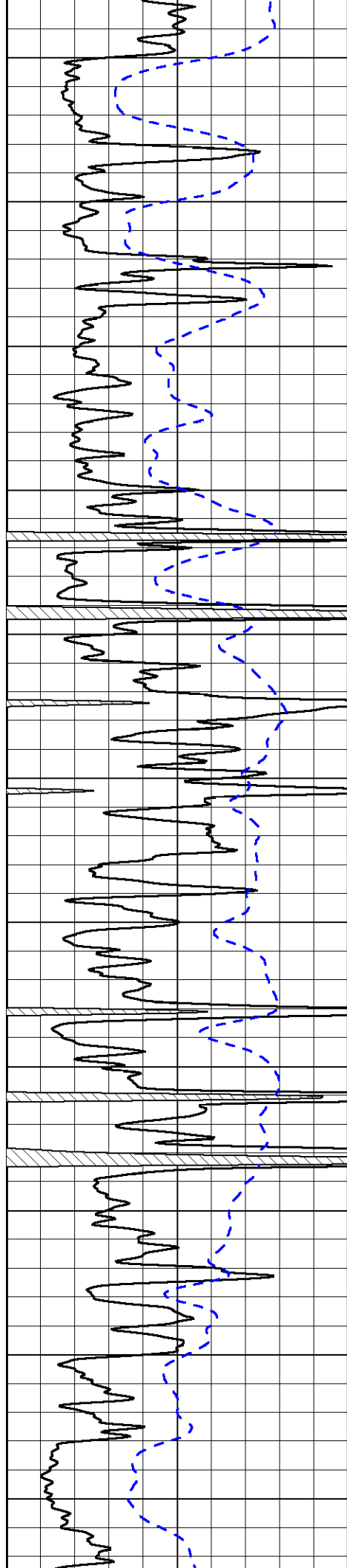












4050

4100

4150

4200

4250

4300

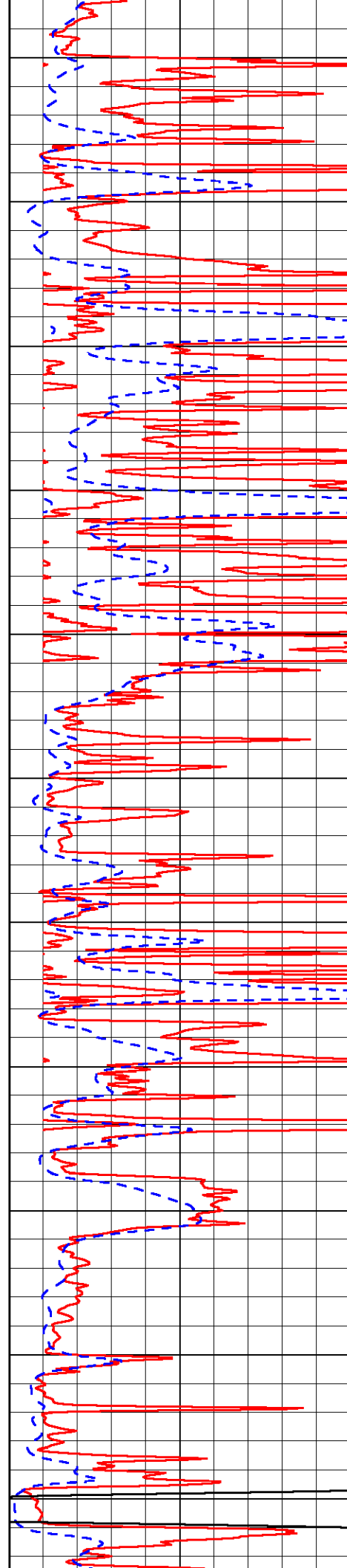
4350

4400

4450

4500

4550



-34

-34

-34

-34

-34

-34

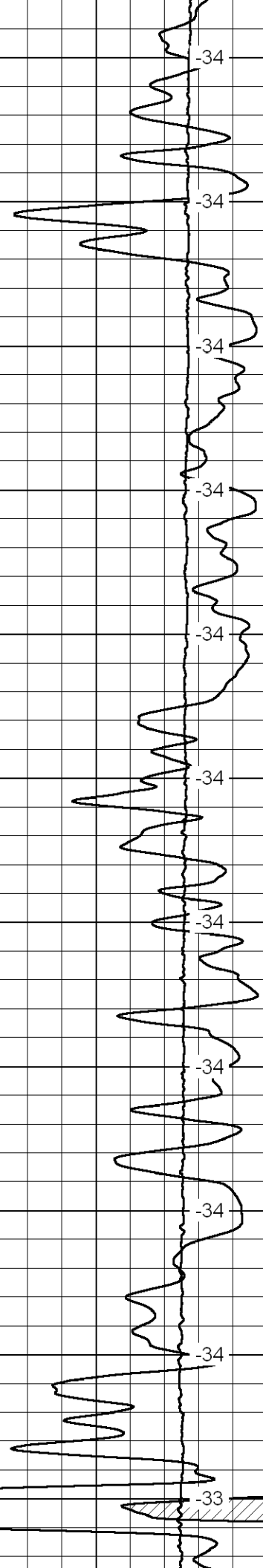
-34

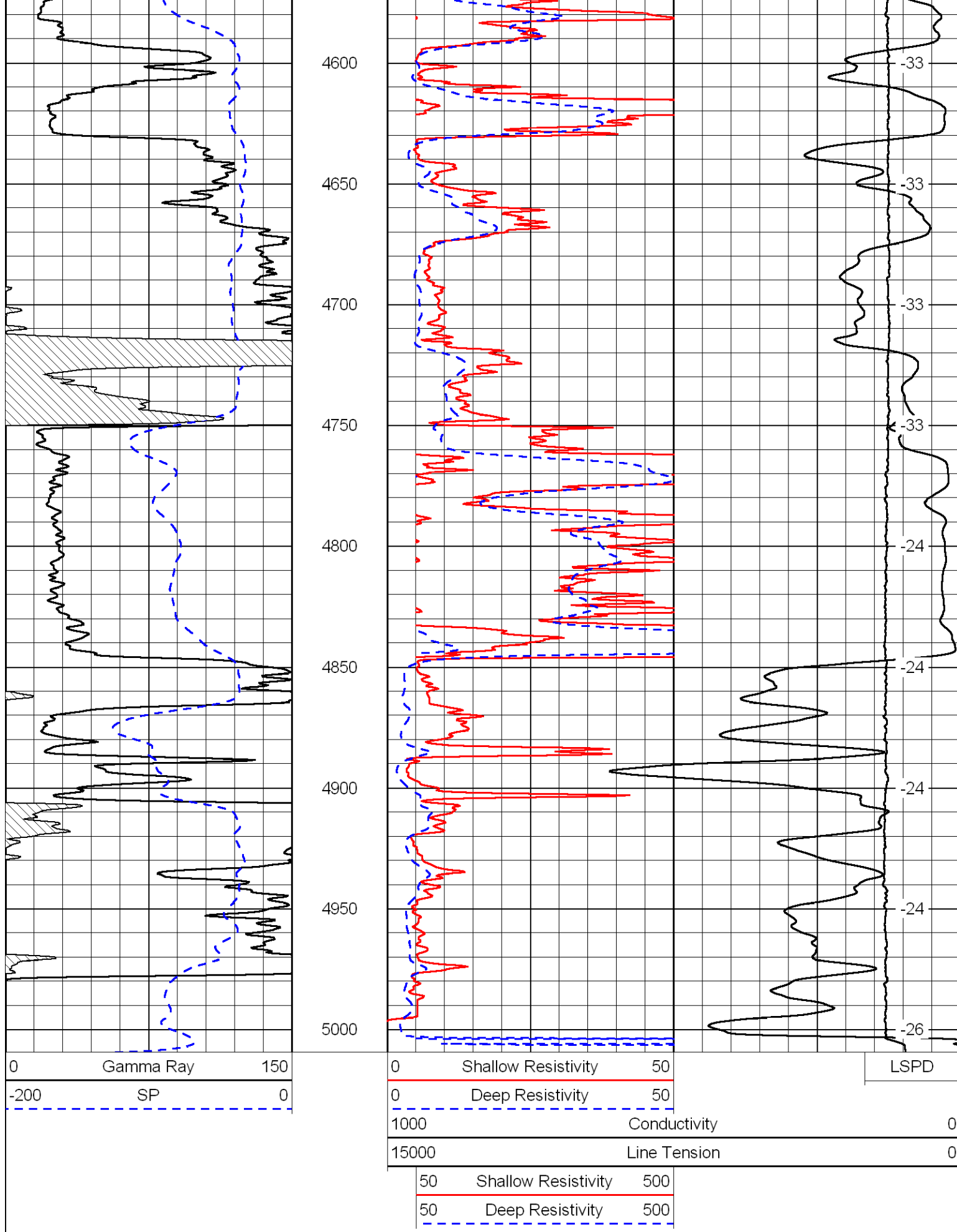
-34

-34

-34

-33

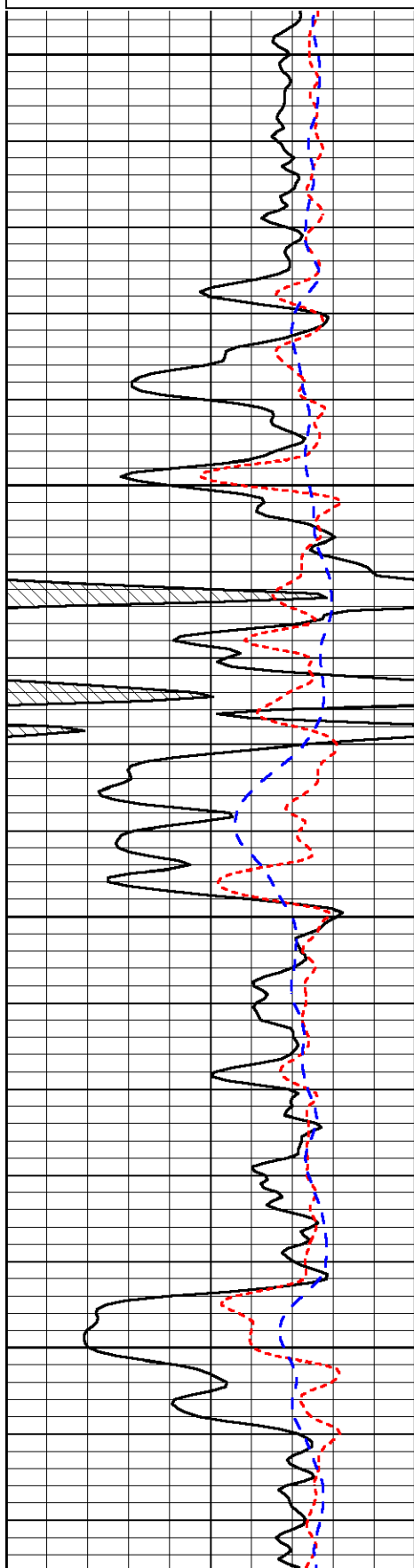




0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD

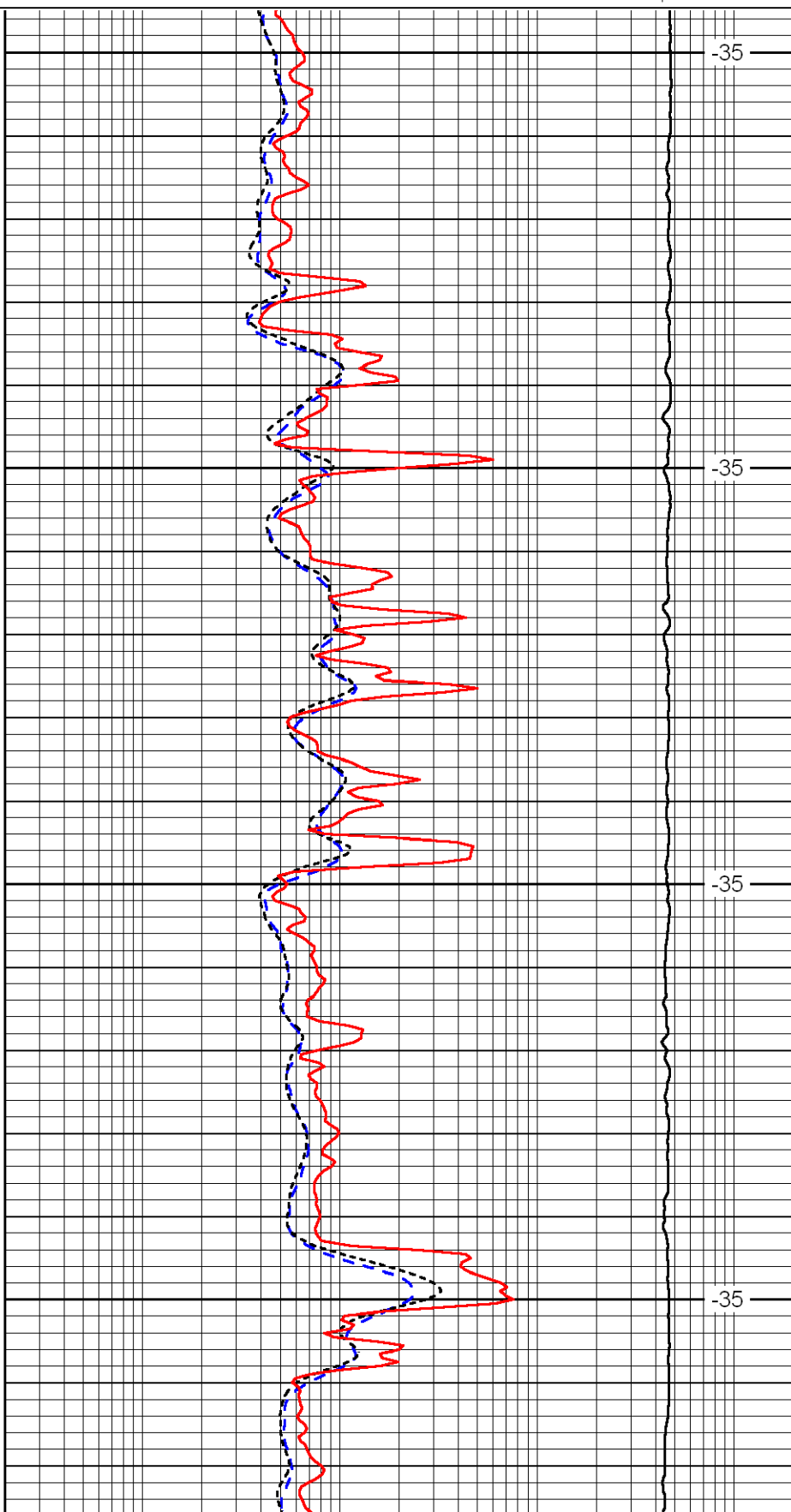


3500

3550

3600

3650

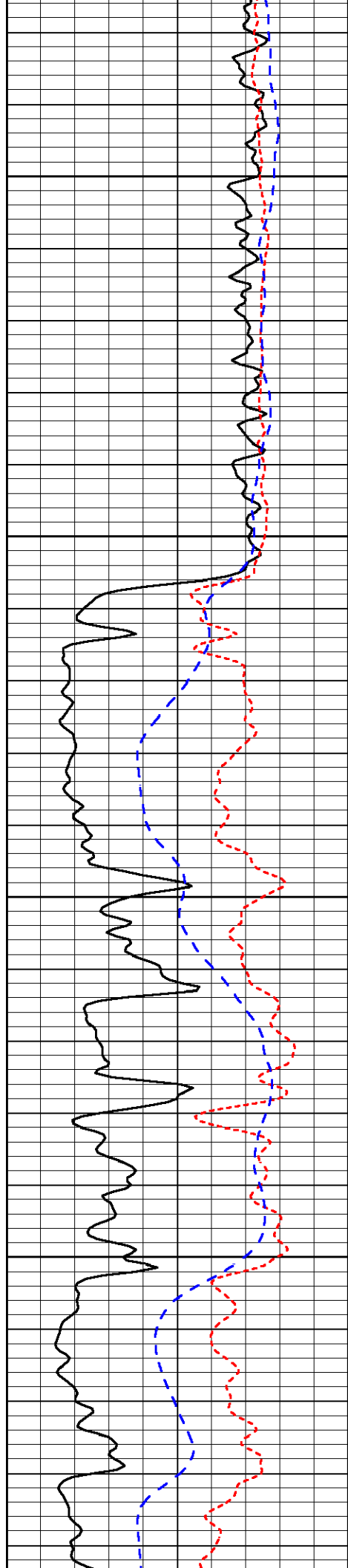


-35

-35

-35

-35

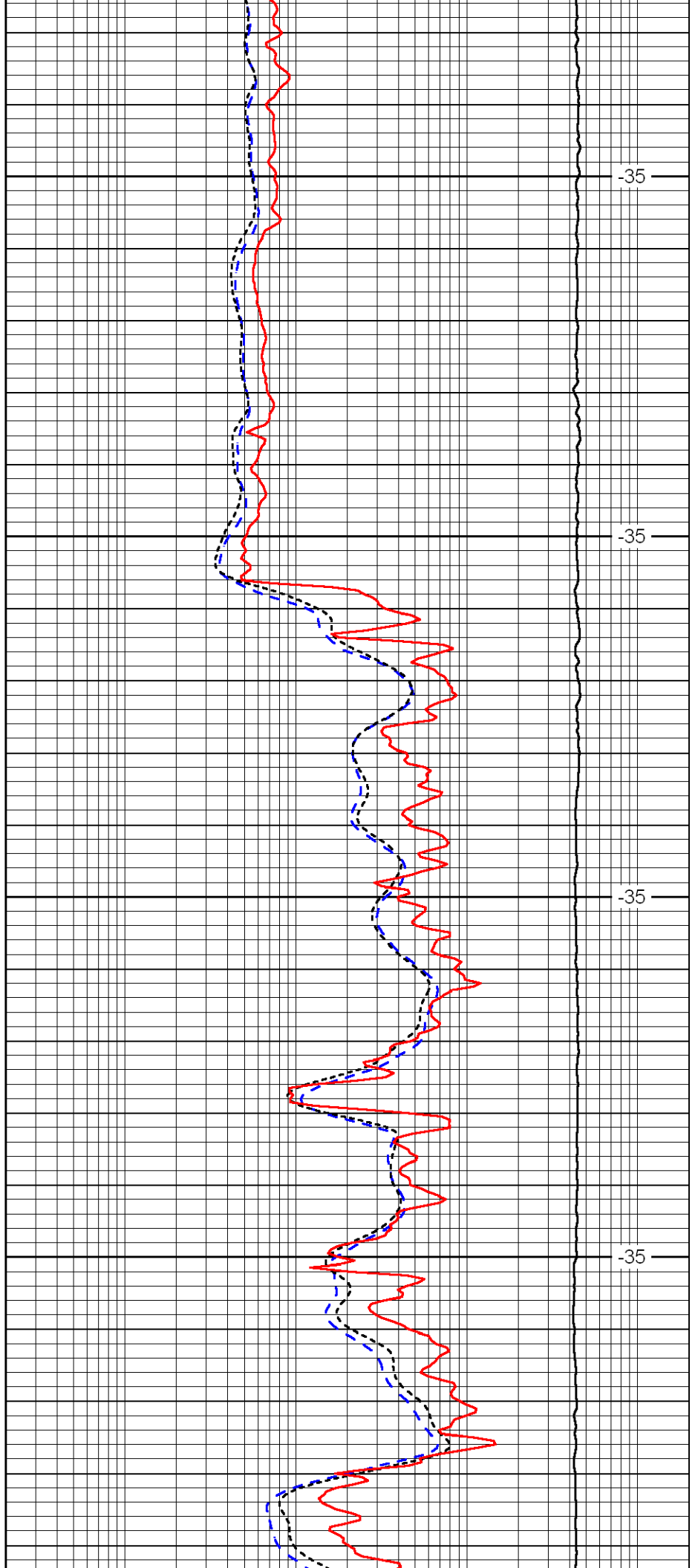


3700

3750

3800

3850

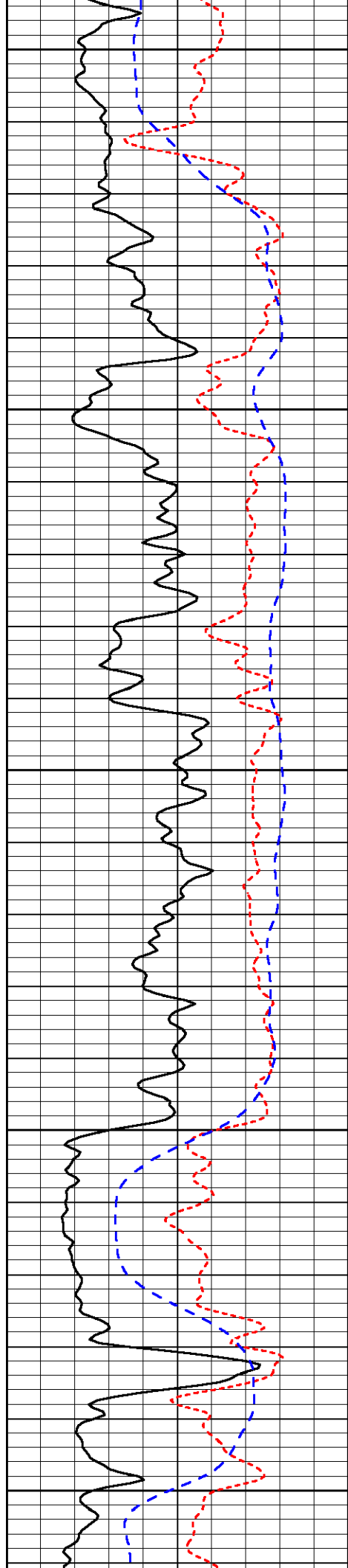


-35

-35

-35

-35



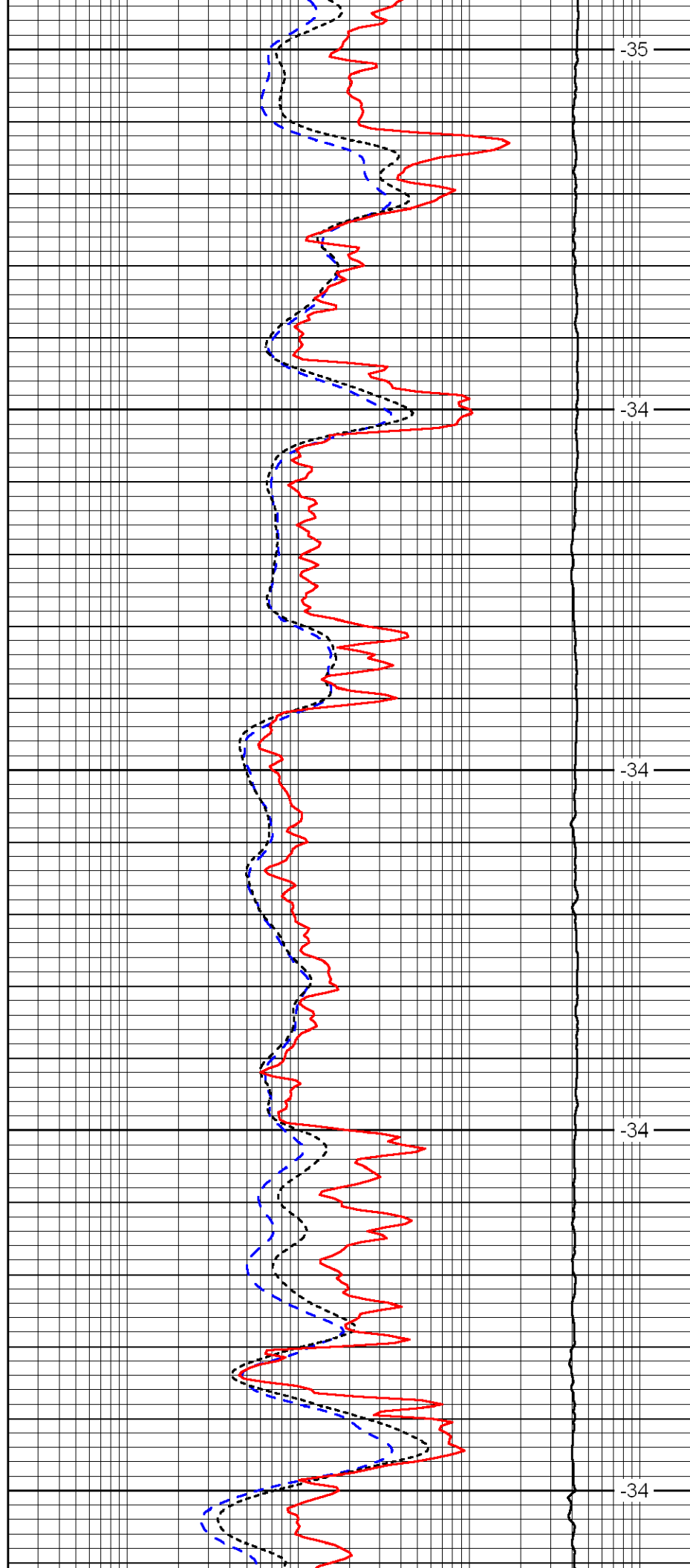
3900

3950

4000

4050

4100



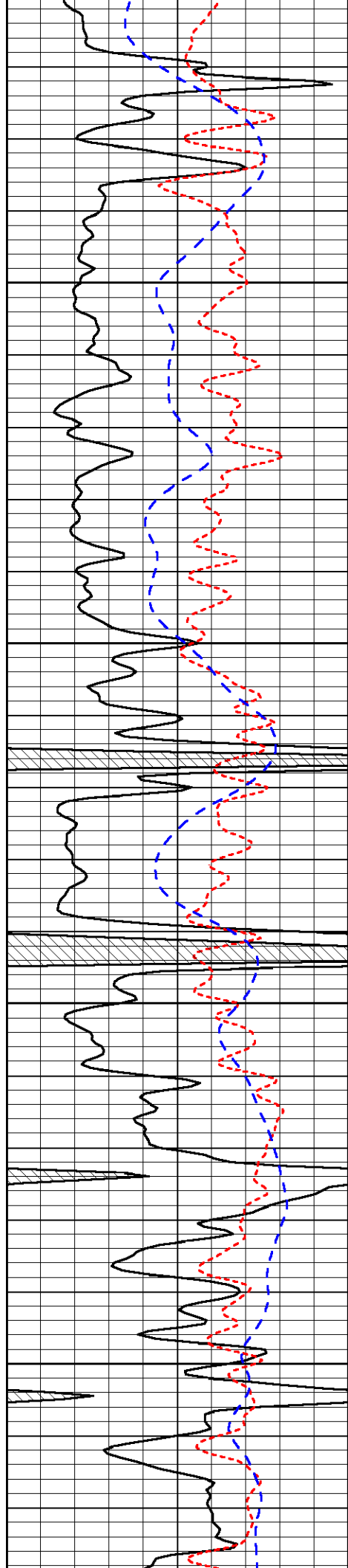
-35

-34

-34

-34

-34

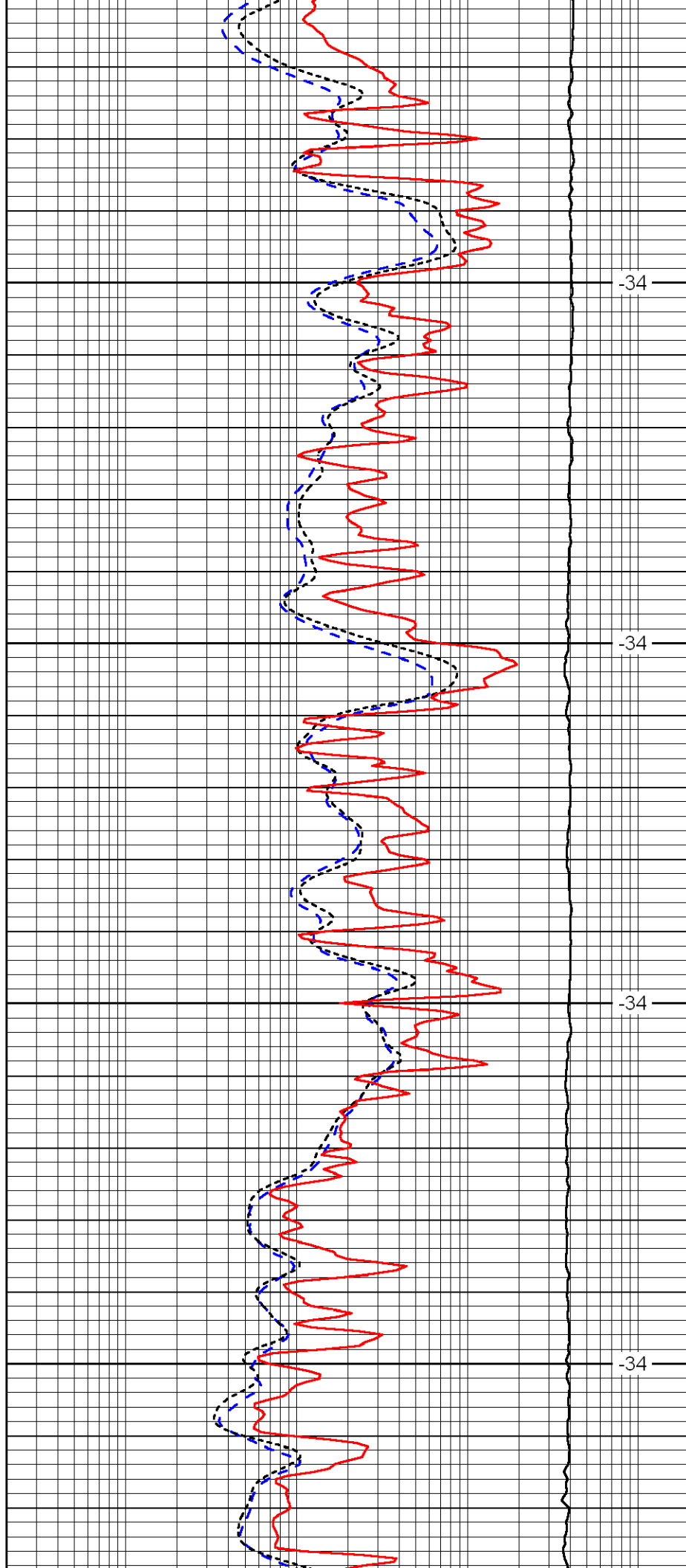


4150

4200

4250

4300

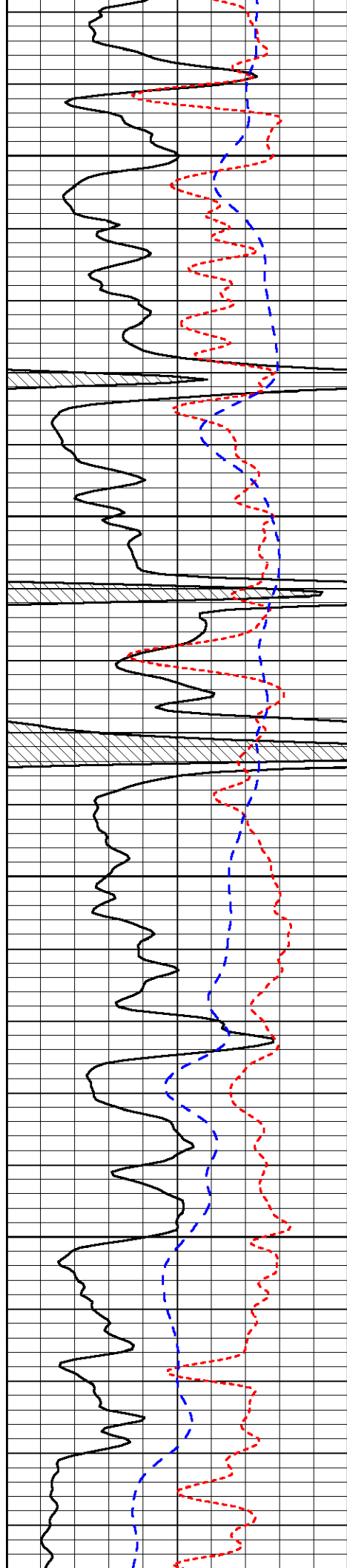


-34

-34

-34

-34

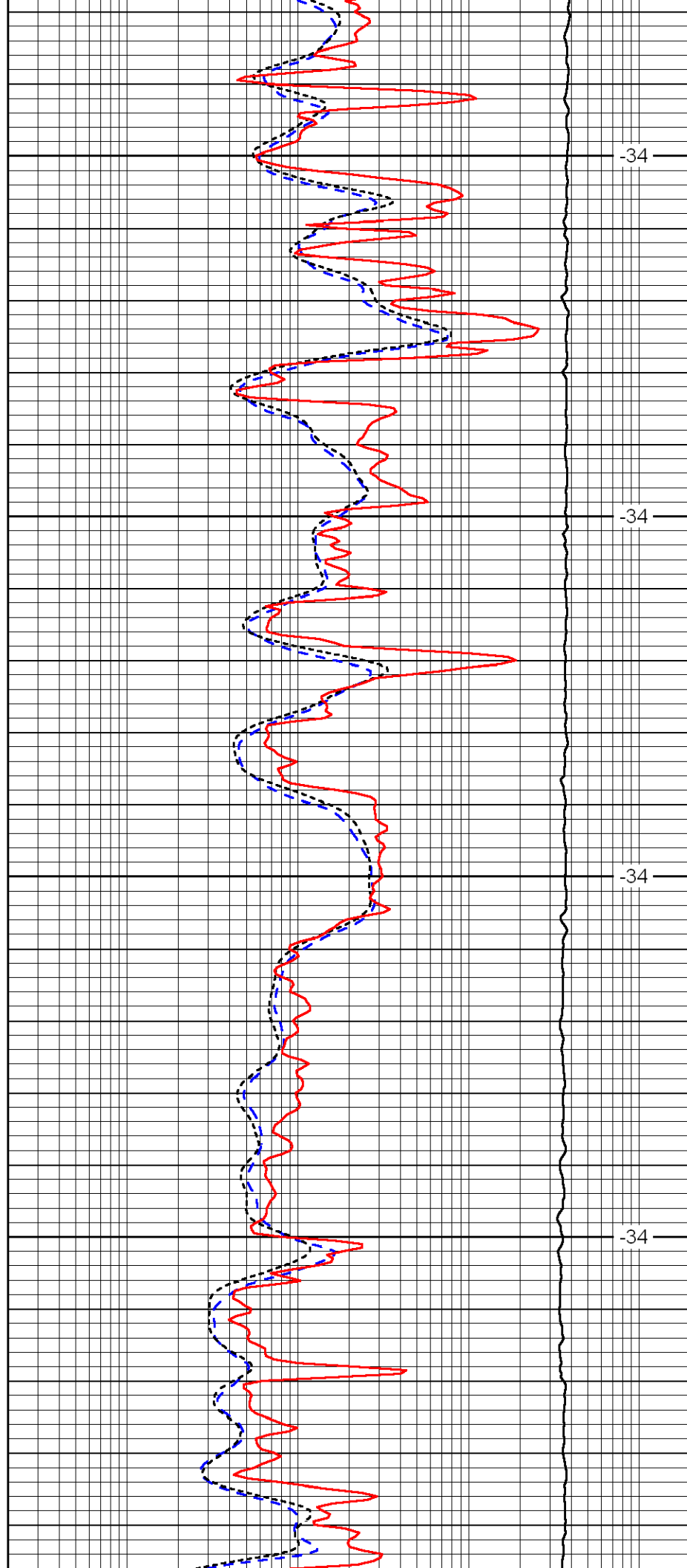


4350

4400

4450

4500

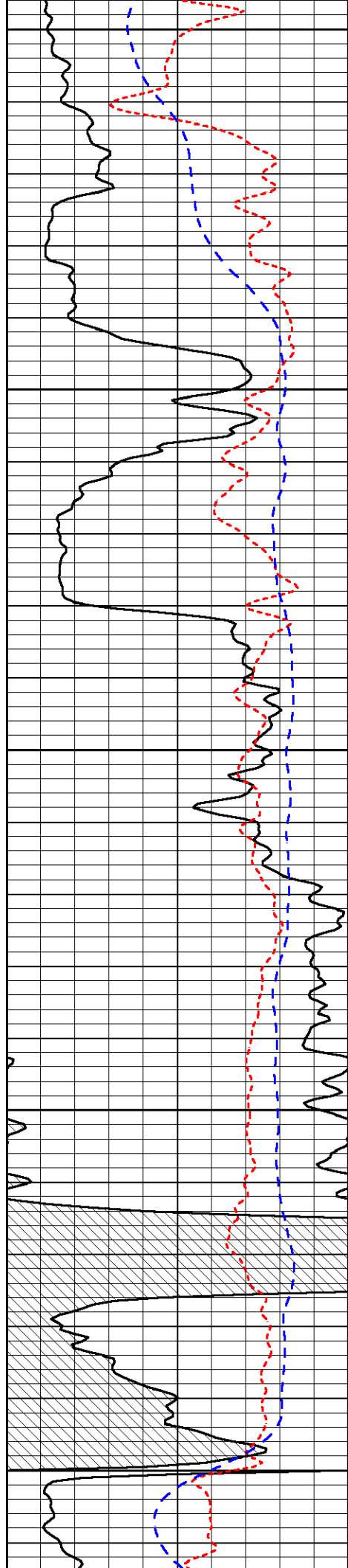


-34

-34

-34

-34



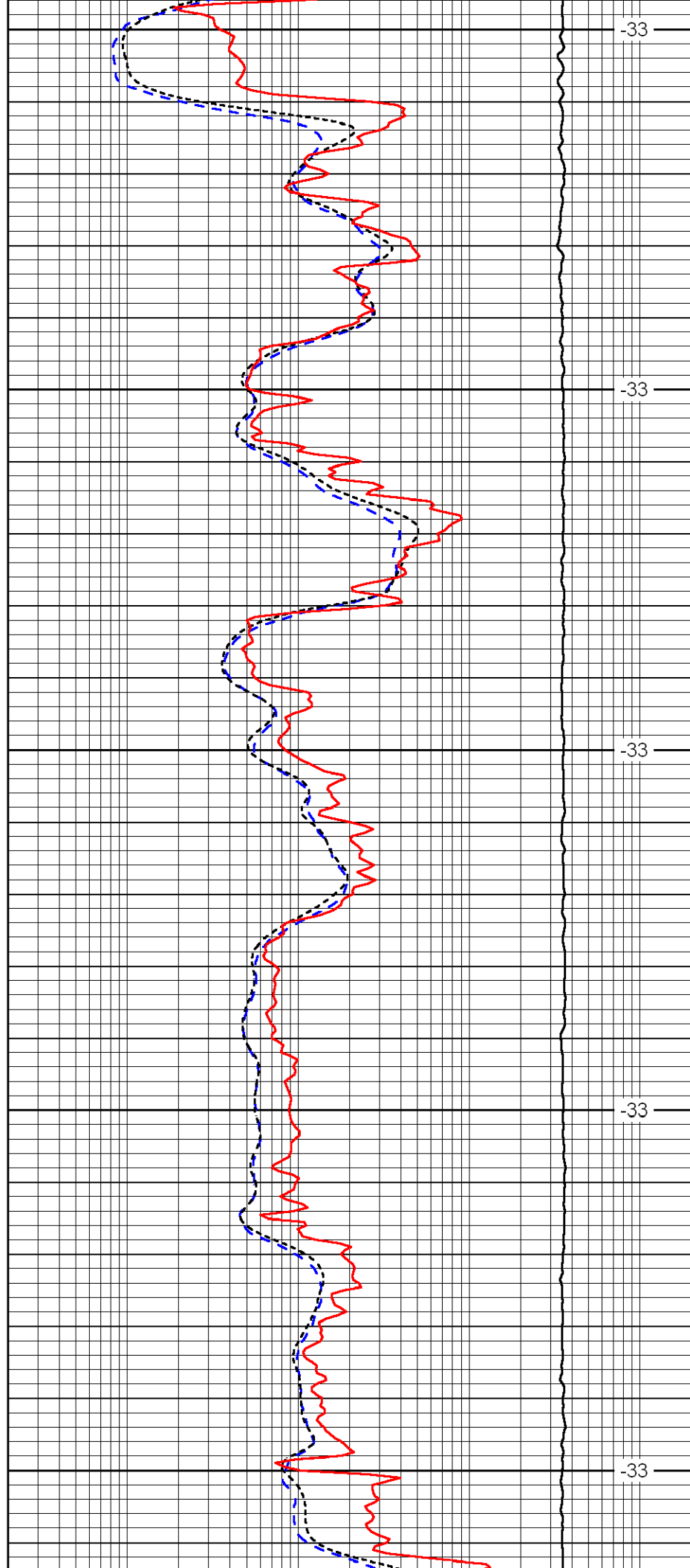
4550

4600

4650

4700

4750



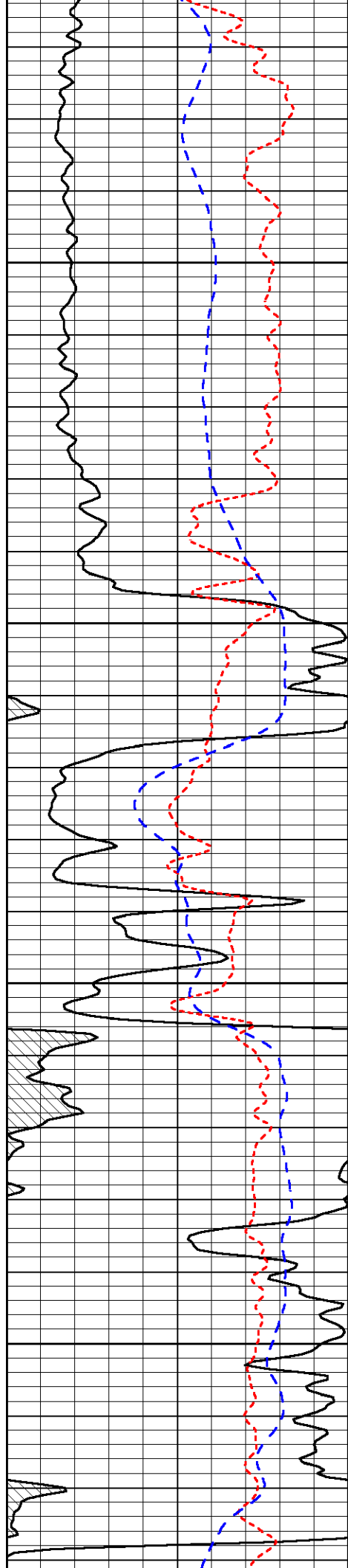
-33

-33

-33

-33

-33

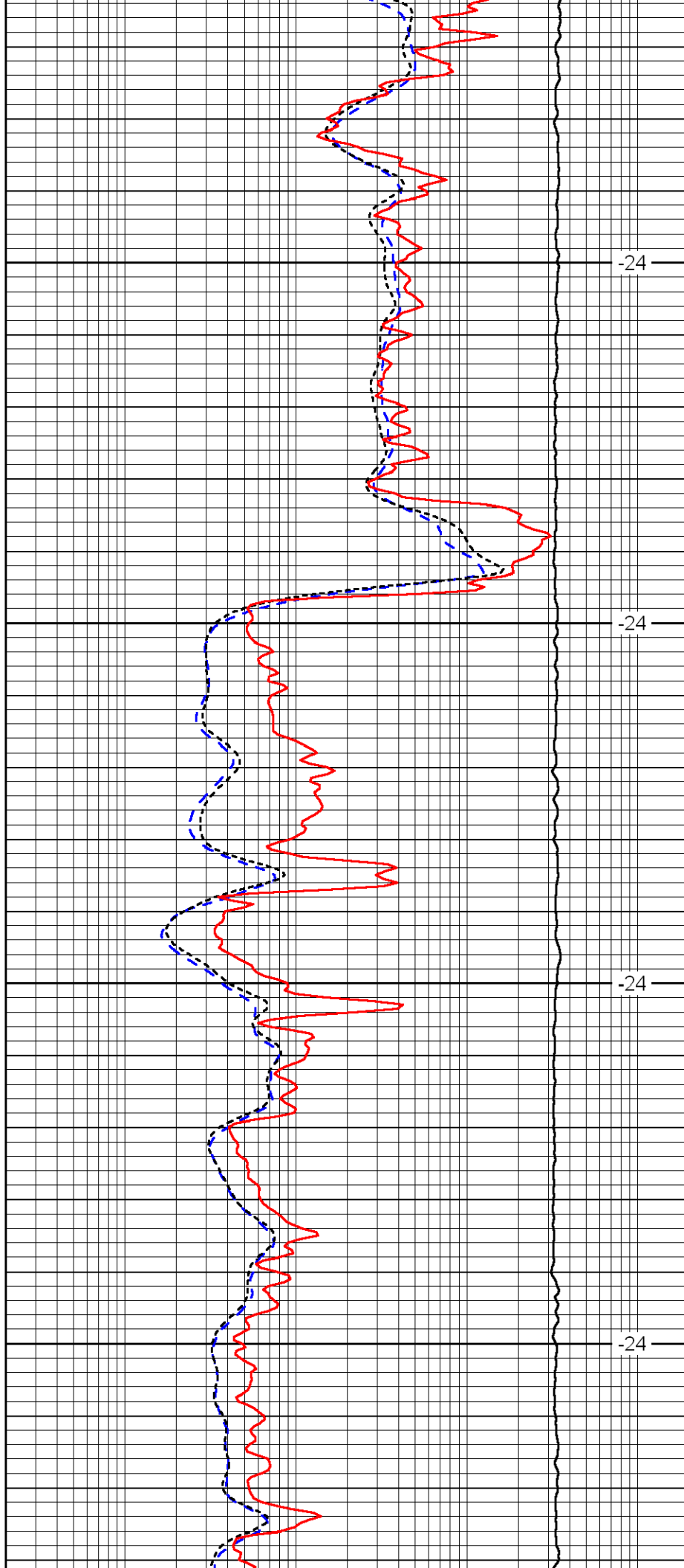


4800

4850

4900

4950

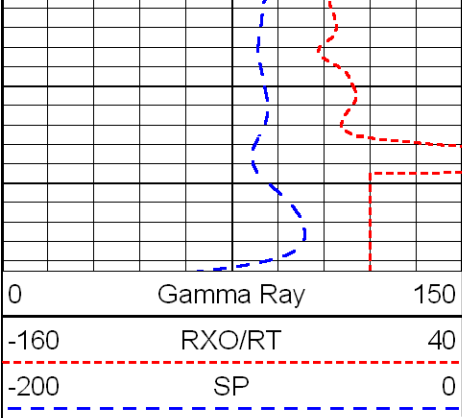


-24

-24

-24

-24



5000

