



PIONEER

Pioneer Energy Services

Dual Induction Log

API No.

15-063-22250-00-00

Company Palomino Petroleum, Inc.

Well RS #1

Field Wildcat

County

Gove

State

Kansas

Location 2290' FSL & 2435' FEL

Sec: 18

Twp: 14S

Rge: 30W

Elevation

Permanent Datum

Ground Level

Log Measured From

Kelly Bushing

5 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

5

Ft. Above Perm. Datum

K.B. 2874
D.F. 2869
G.L. 2869

Date

3/27/2015

Run Number

One

Depth Driller

4764

Depth Logger

4766

Bottom Logged Interval

4765

Top Log Interval

200

Casing Driller

8.625 @ 219

Casing Logger

221

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2700

Density / Viscosity

9.4 57

pH / Fluid Loss

9.0 9.6

Source of Sample

Flowline

Rm @ Meas. Temp

0.76 @ 54

Rmf @ Meas. Temp

0.57 @ 54

Rmc @ Meas. Temp

1.03 @ 54

Source of Rmf / Rmc

Charts

Rm @ BHT

0.33 @ 124

Operating Rig Time

3 Hours

Max Rec. Temp. F

124

Equipment Number

91

Location

Hays

Recorded By

D. Schmidt

Witnessed By

Ryan Seib

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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

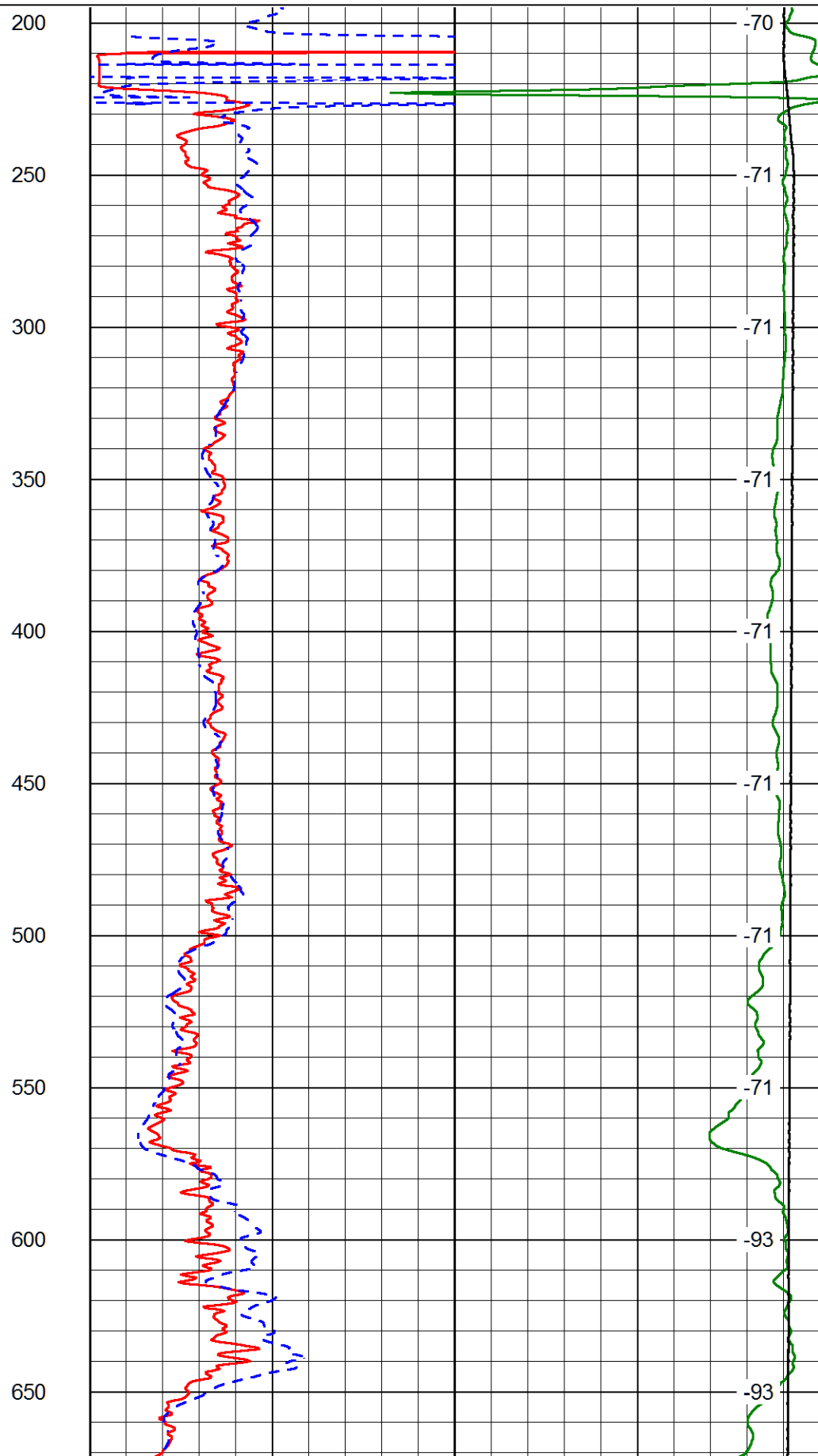
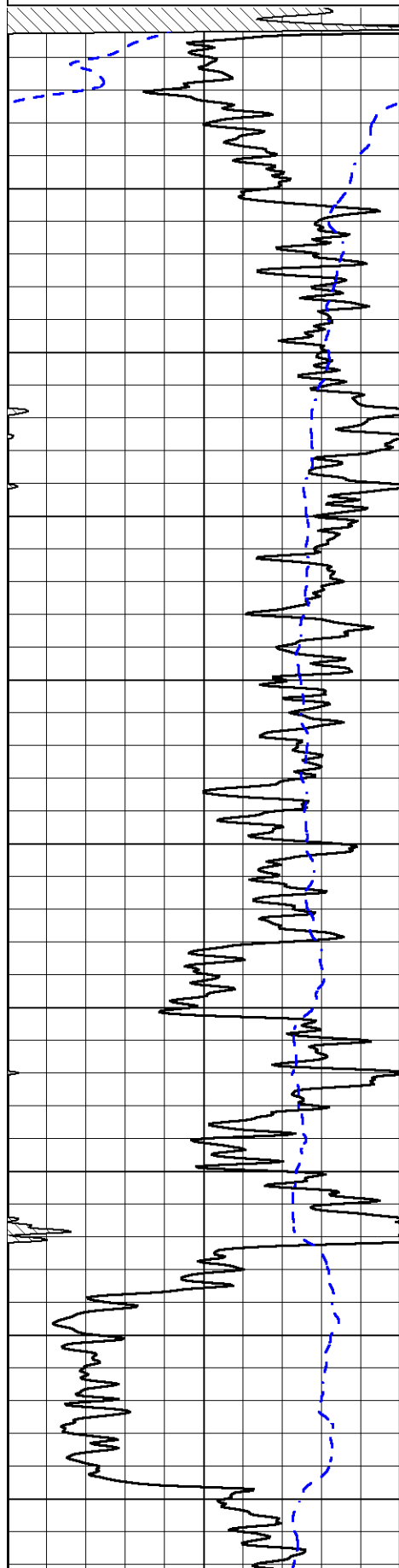
Thank you for using Pioneer Energy Services
785.625.3858

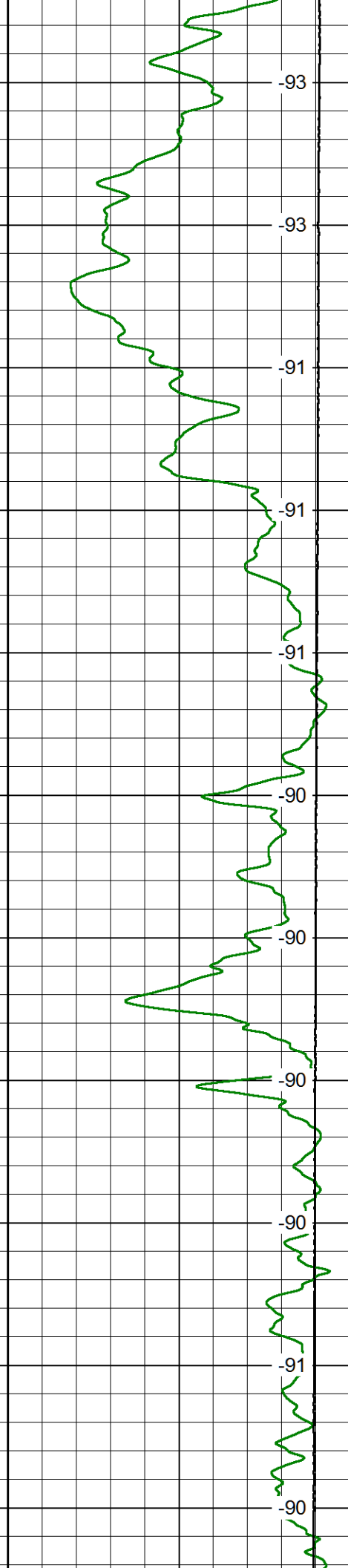
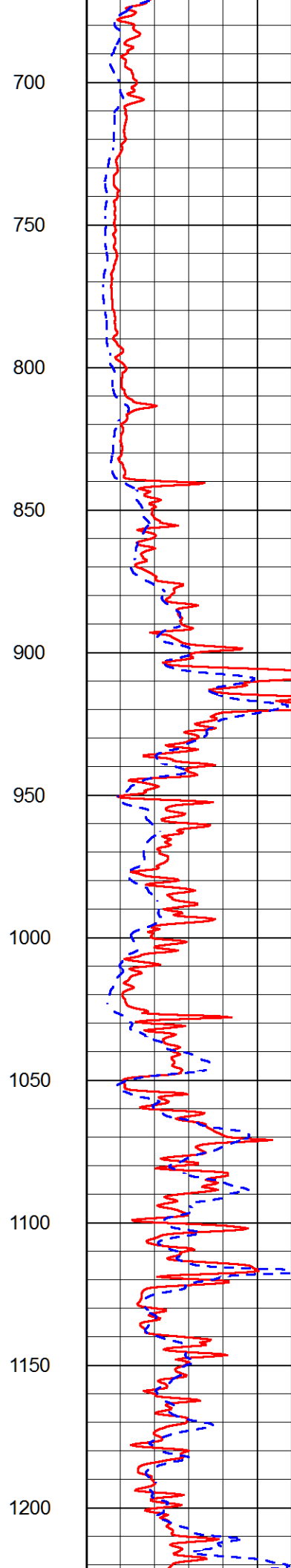
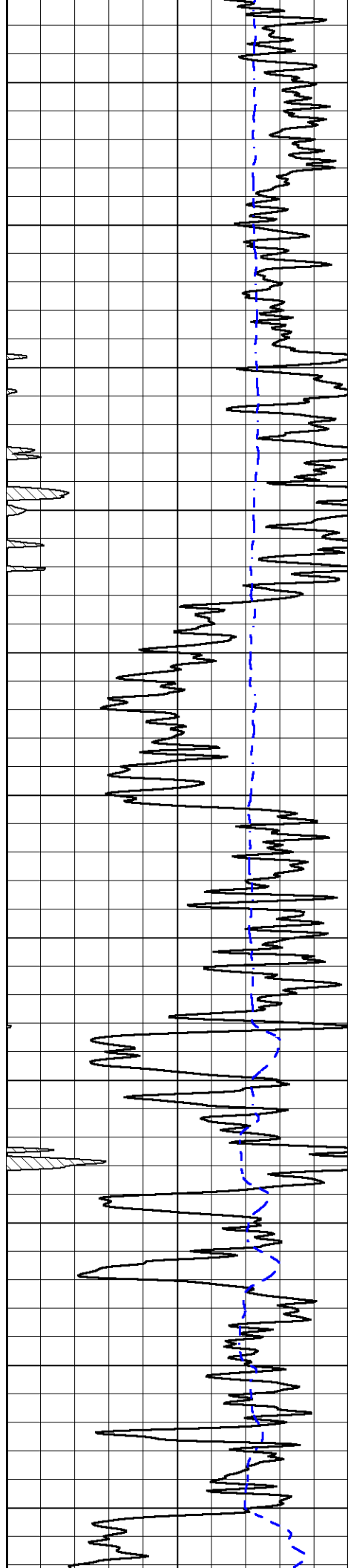
Gove,
South to I Rd, 11 West, 1 1/2 North,
East into

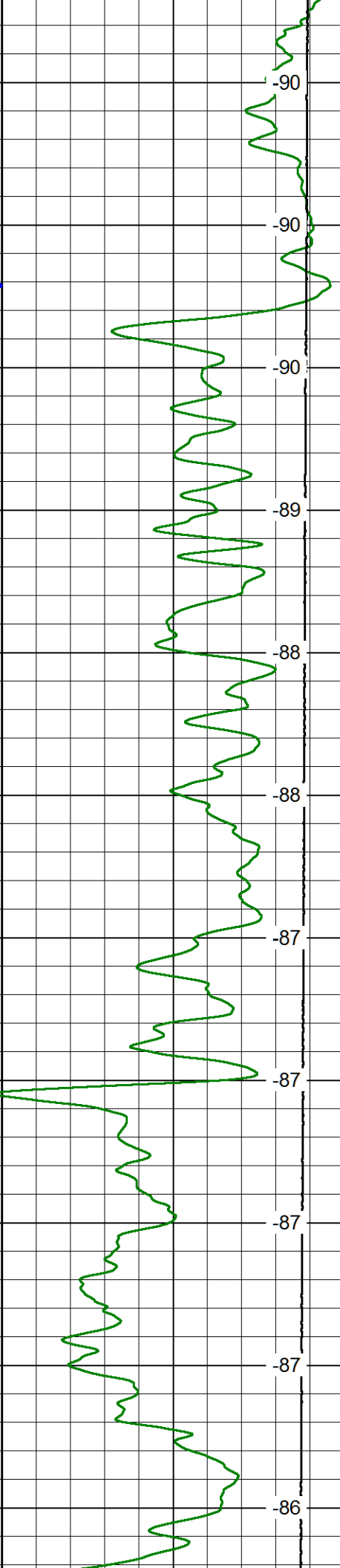
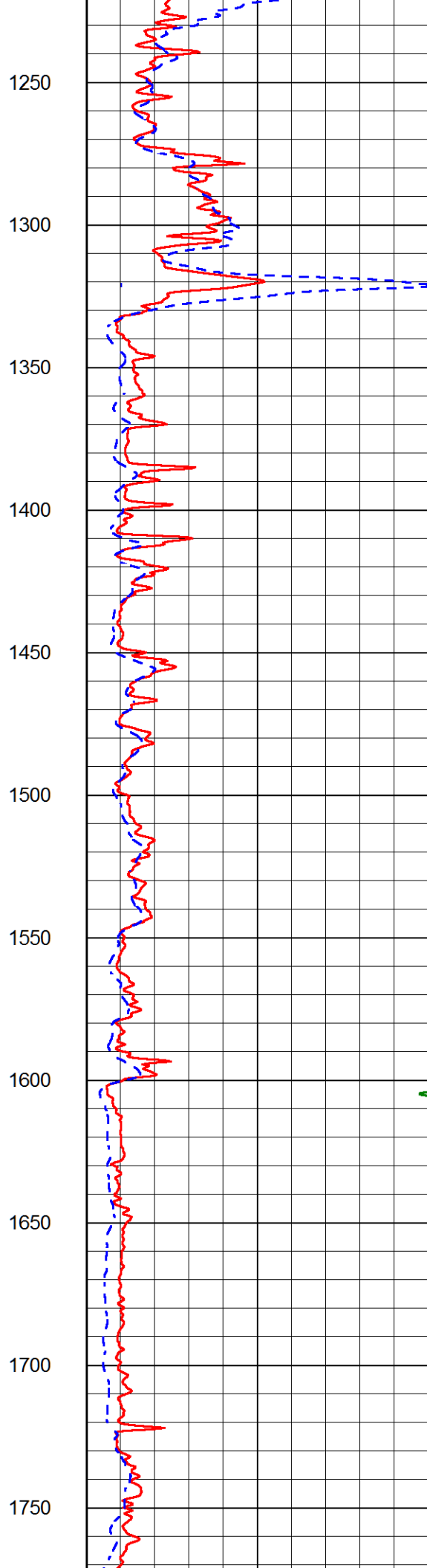
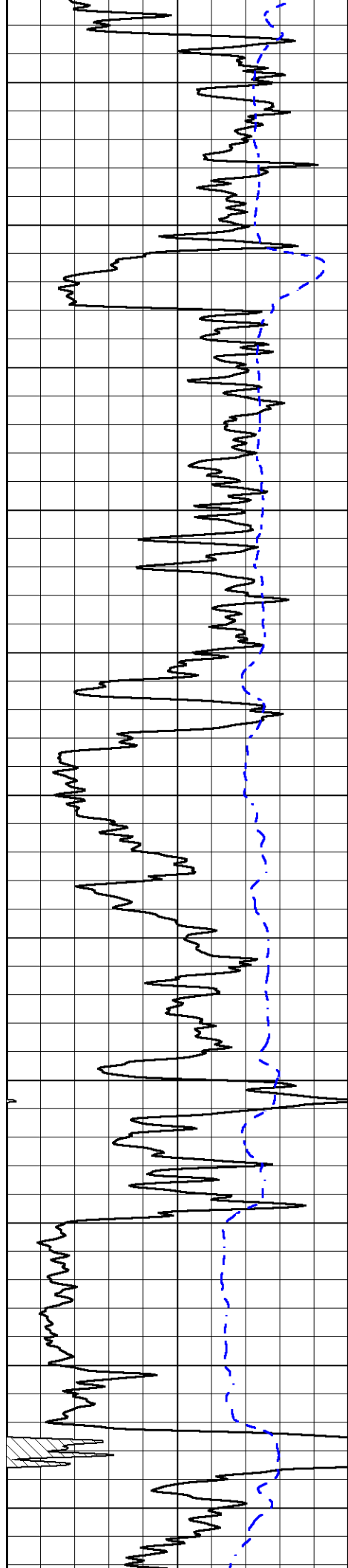
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Dataset Pathname dil/pastkml
Presentation Format dil2in
Dataset Creation Fri Mar 27 01:59:25 2015
Charted by Depth in Feet scaled 1:600

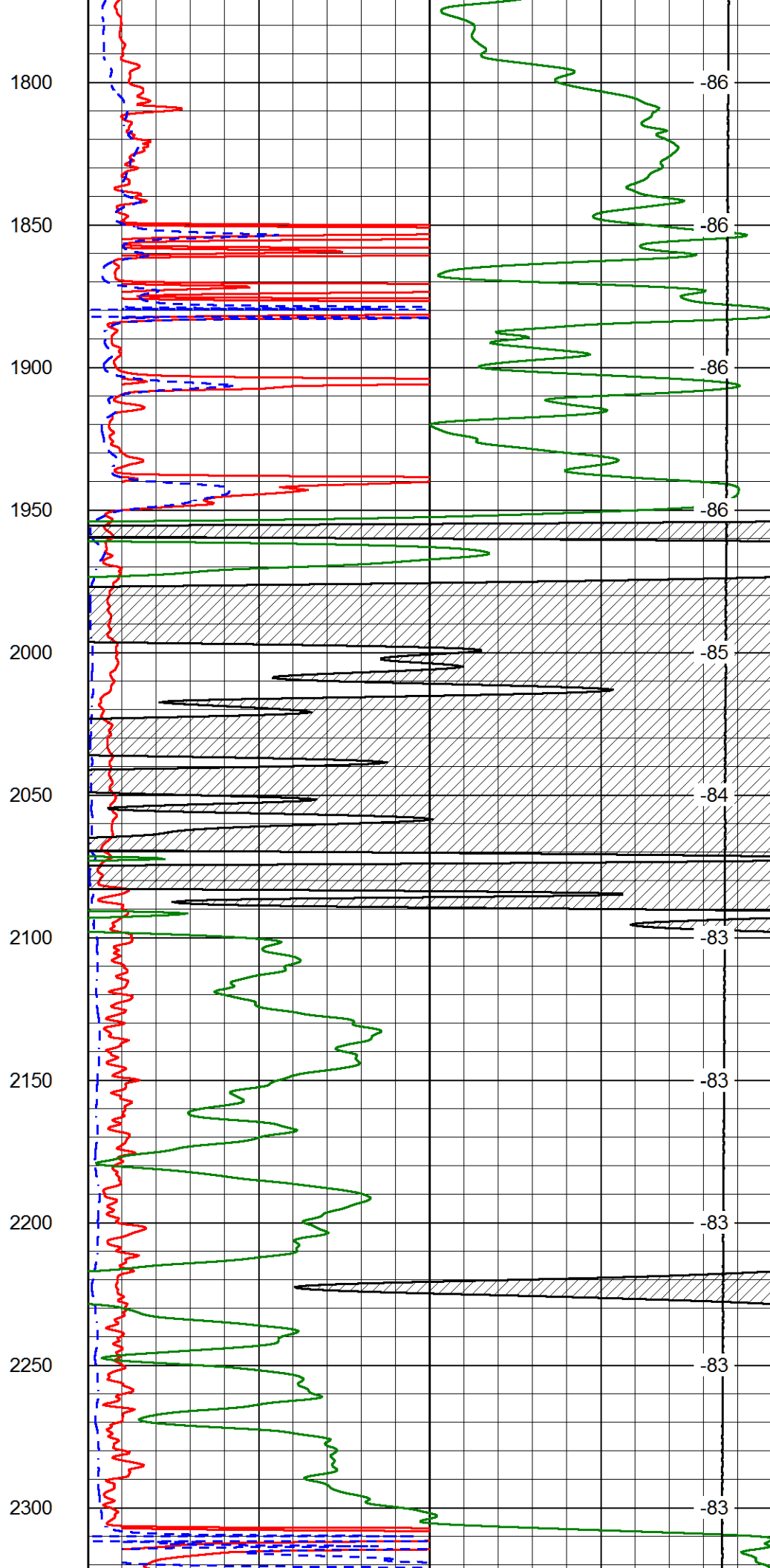
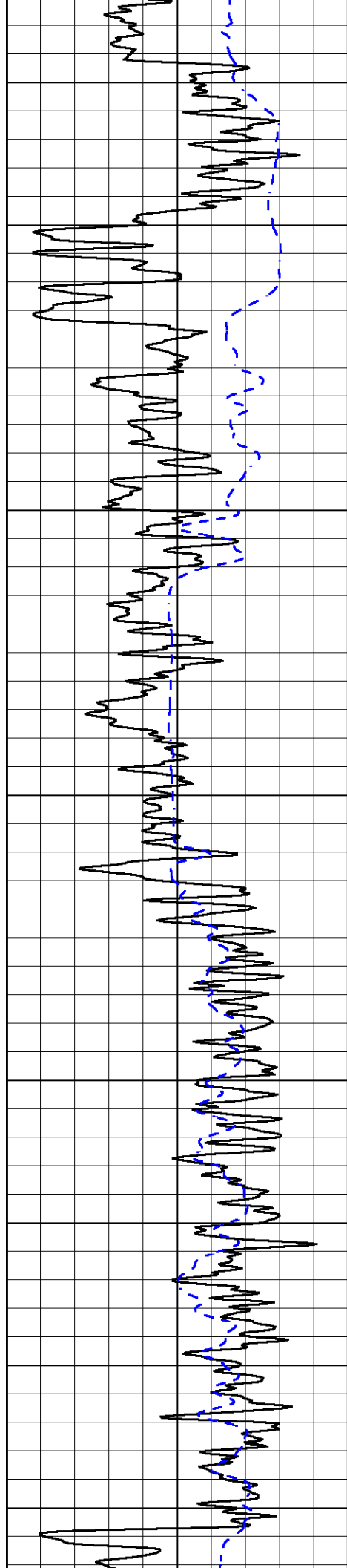
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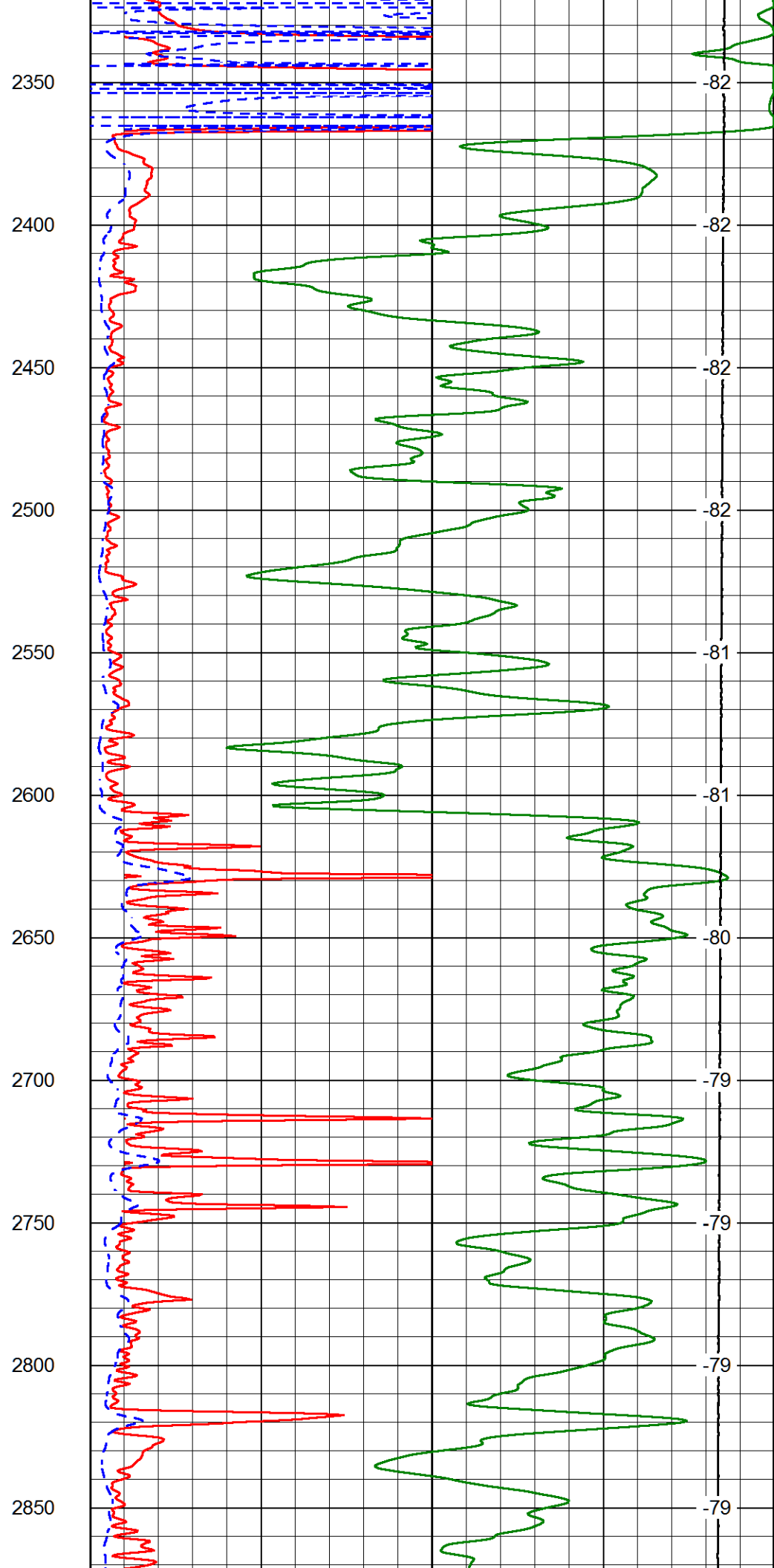
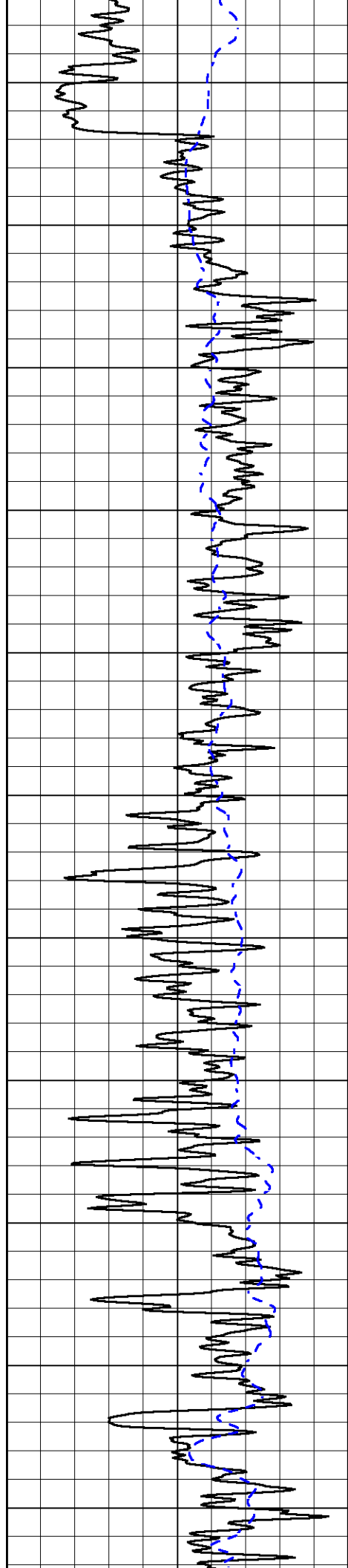
1000	Conductivity	0
15000	Line Tension	0
0	Shallow Resistivity	50
0	Deep Resistivity	50
50	Shallow Resistivity	500
50	Deep Resistivity	500

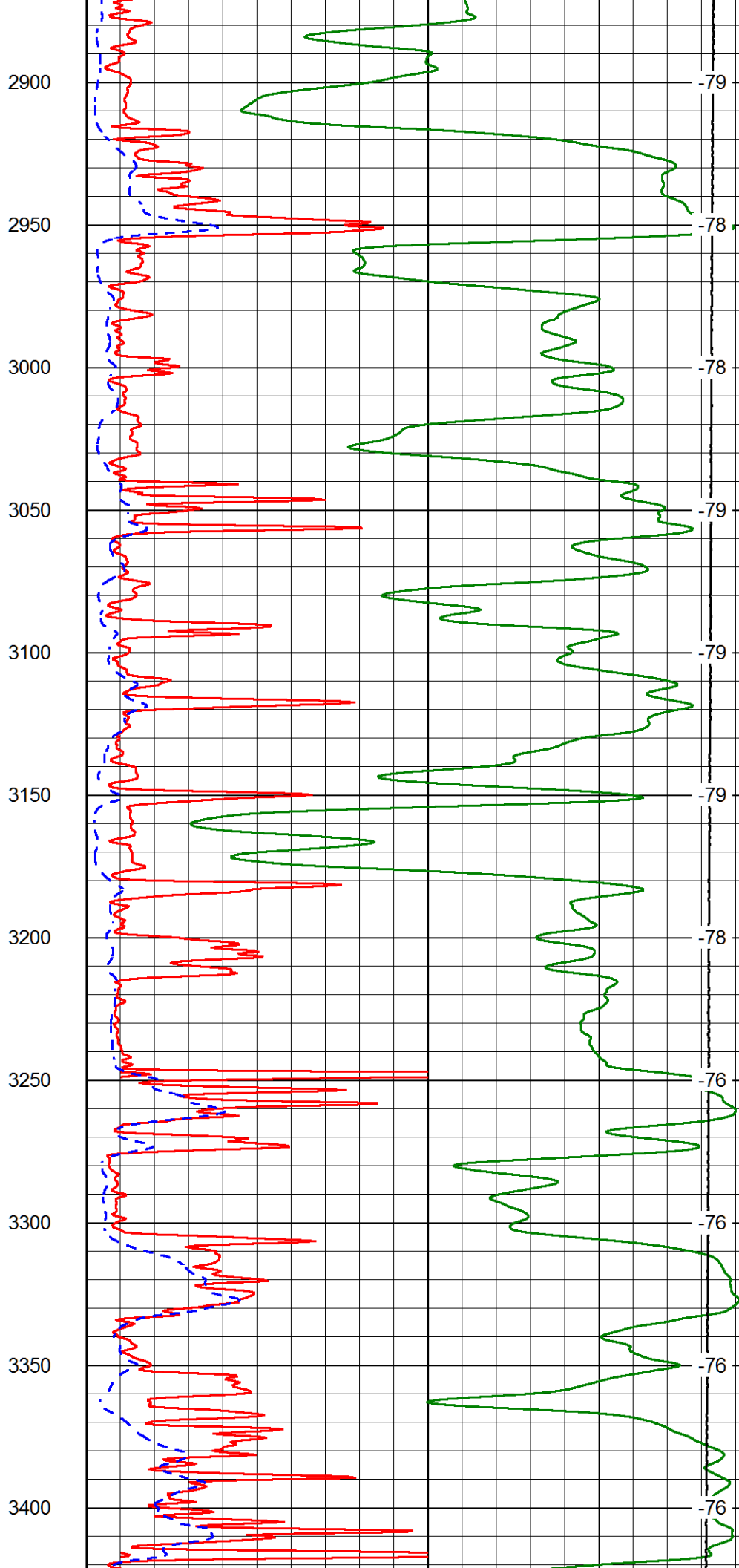
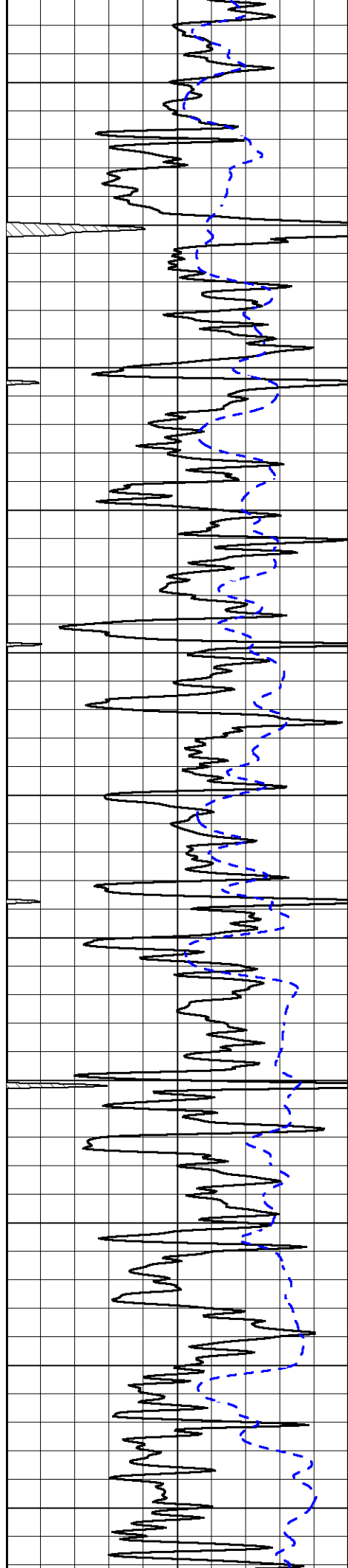


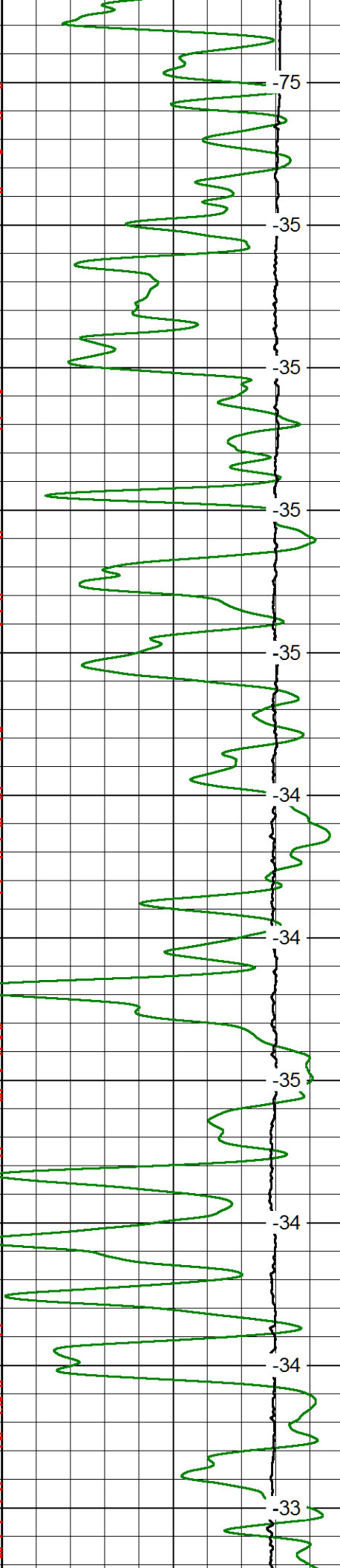
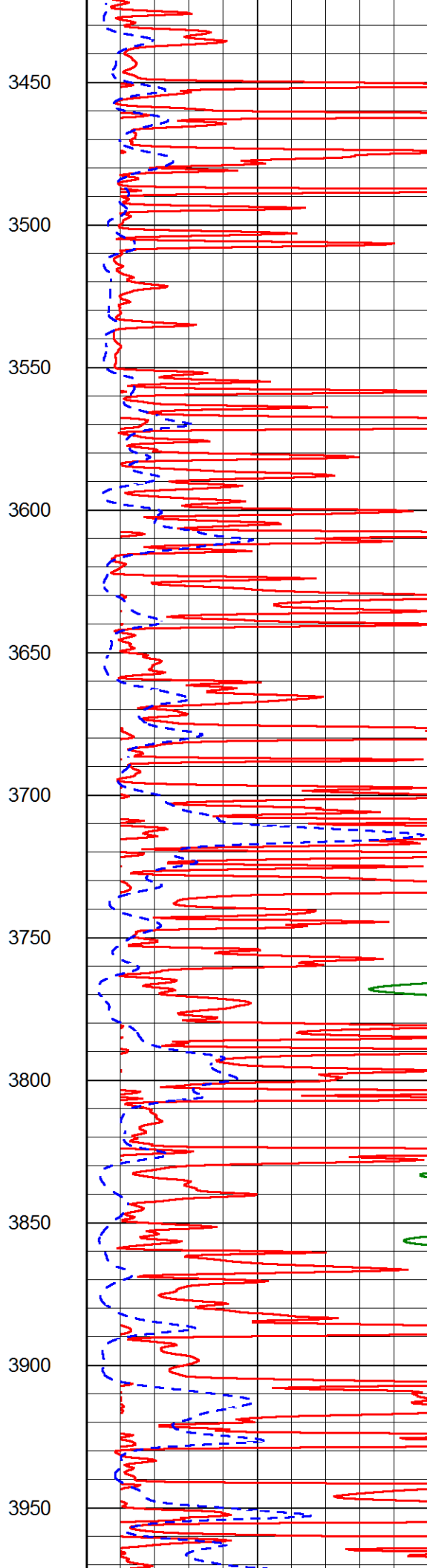
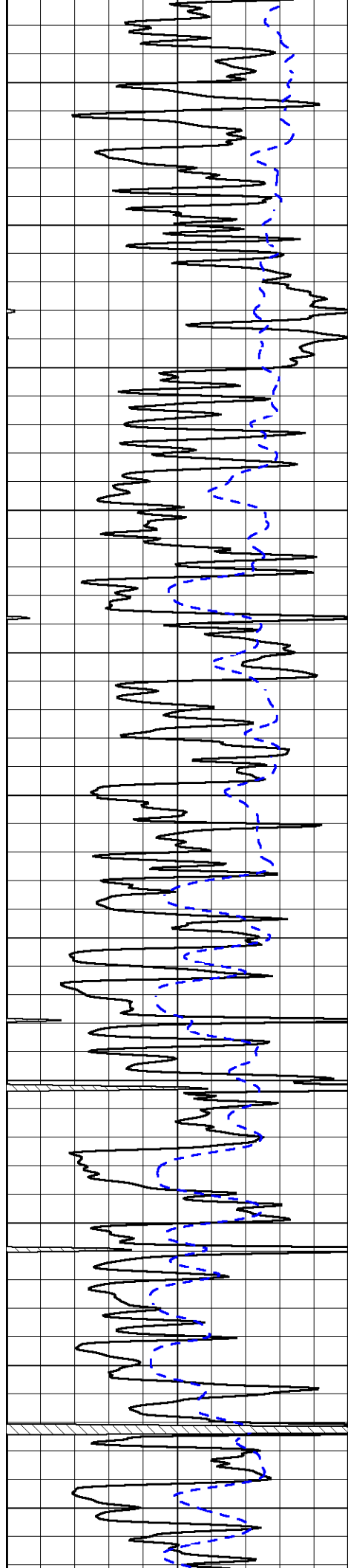


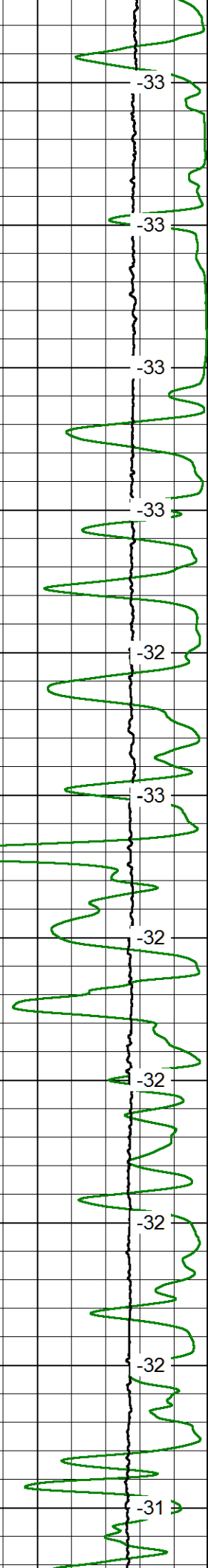
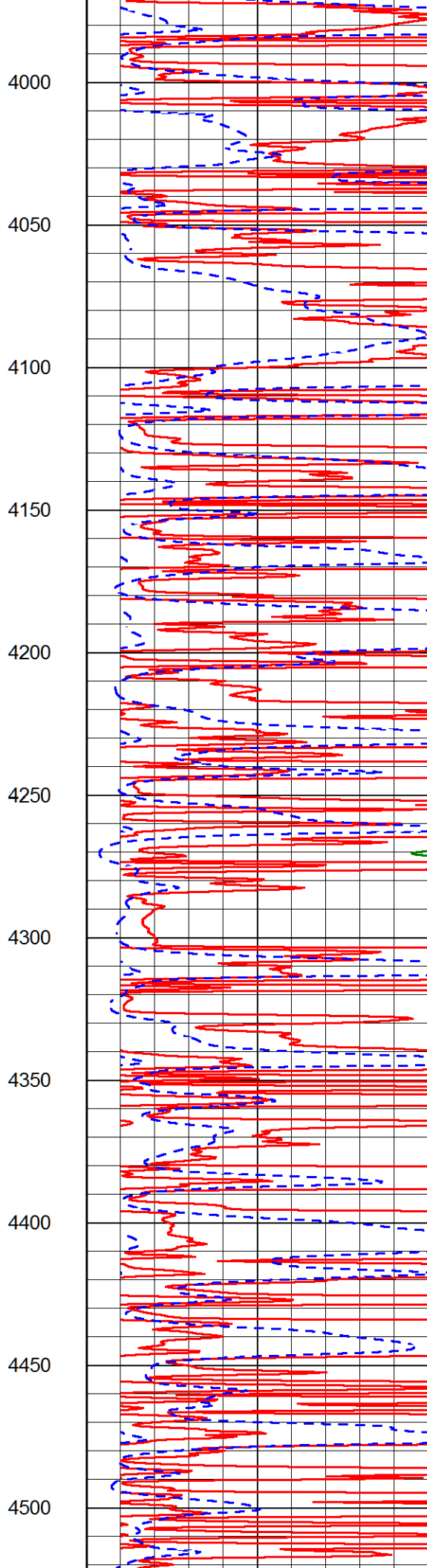
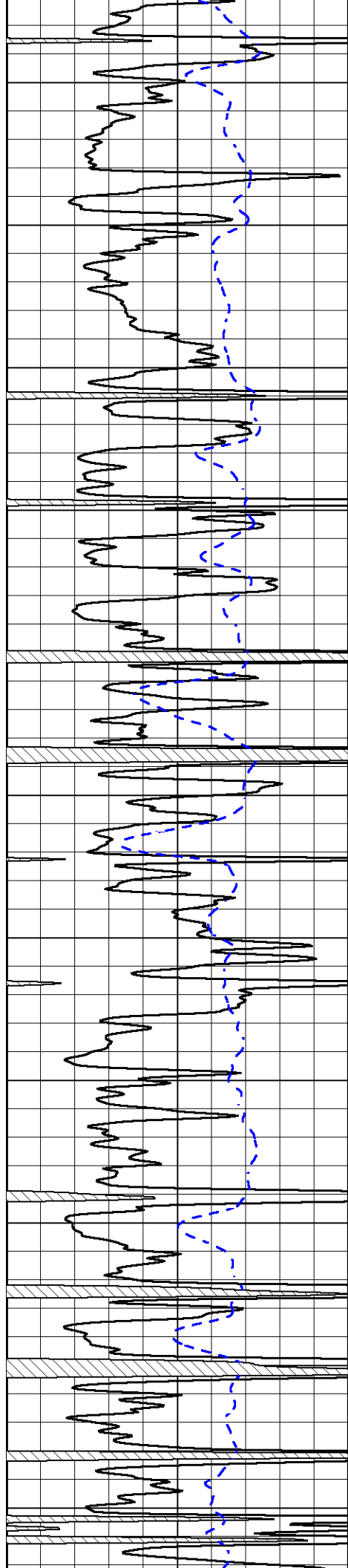


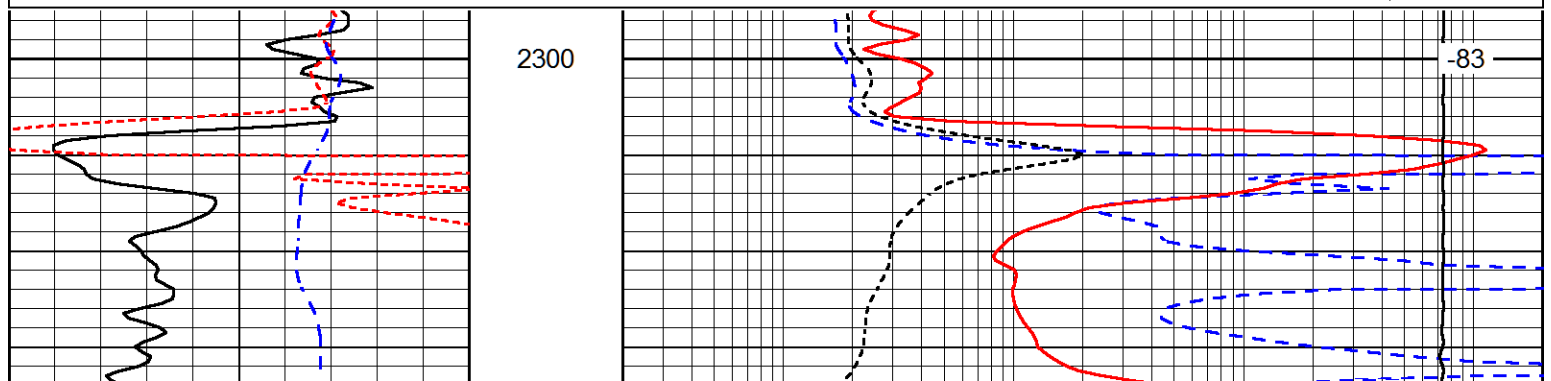
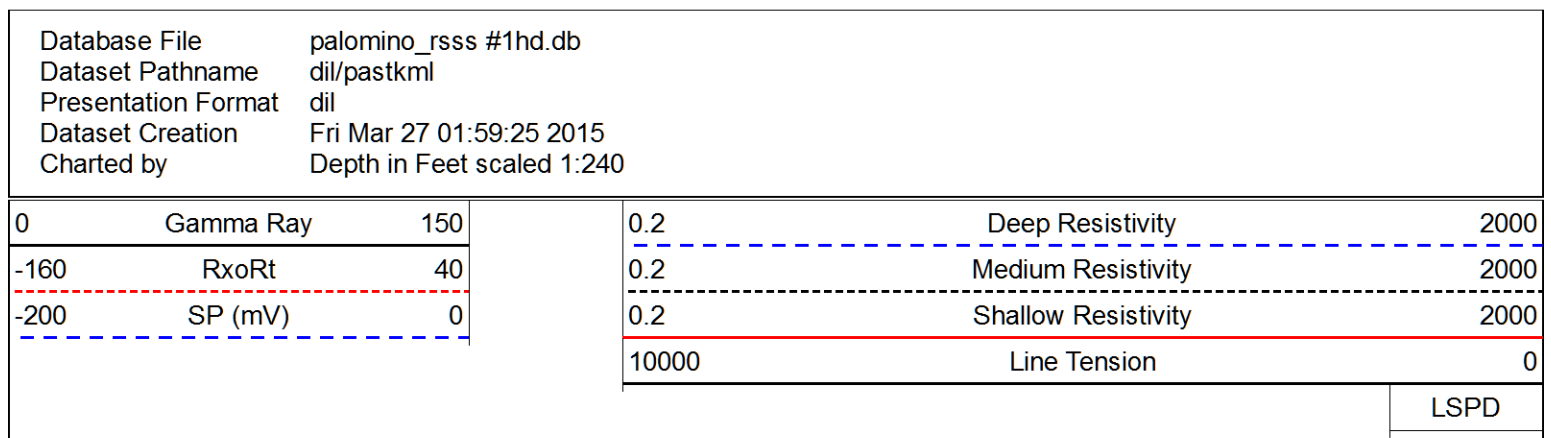
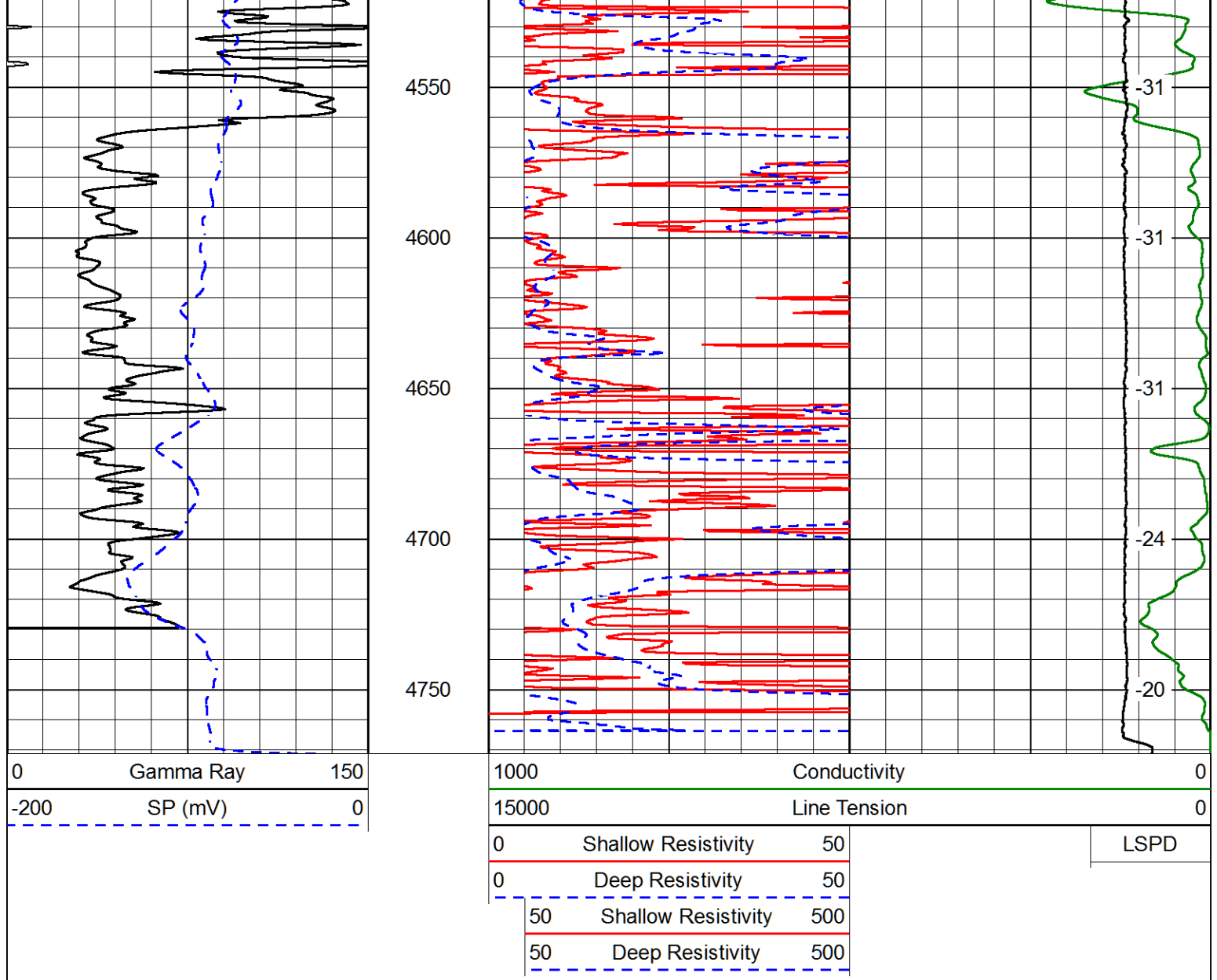


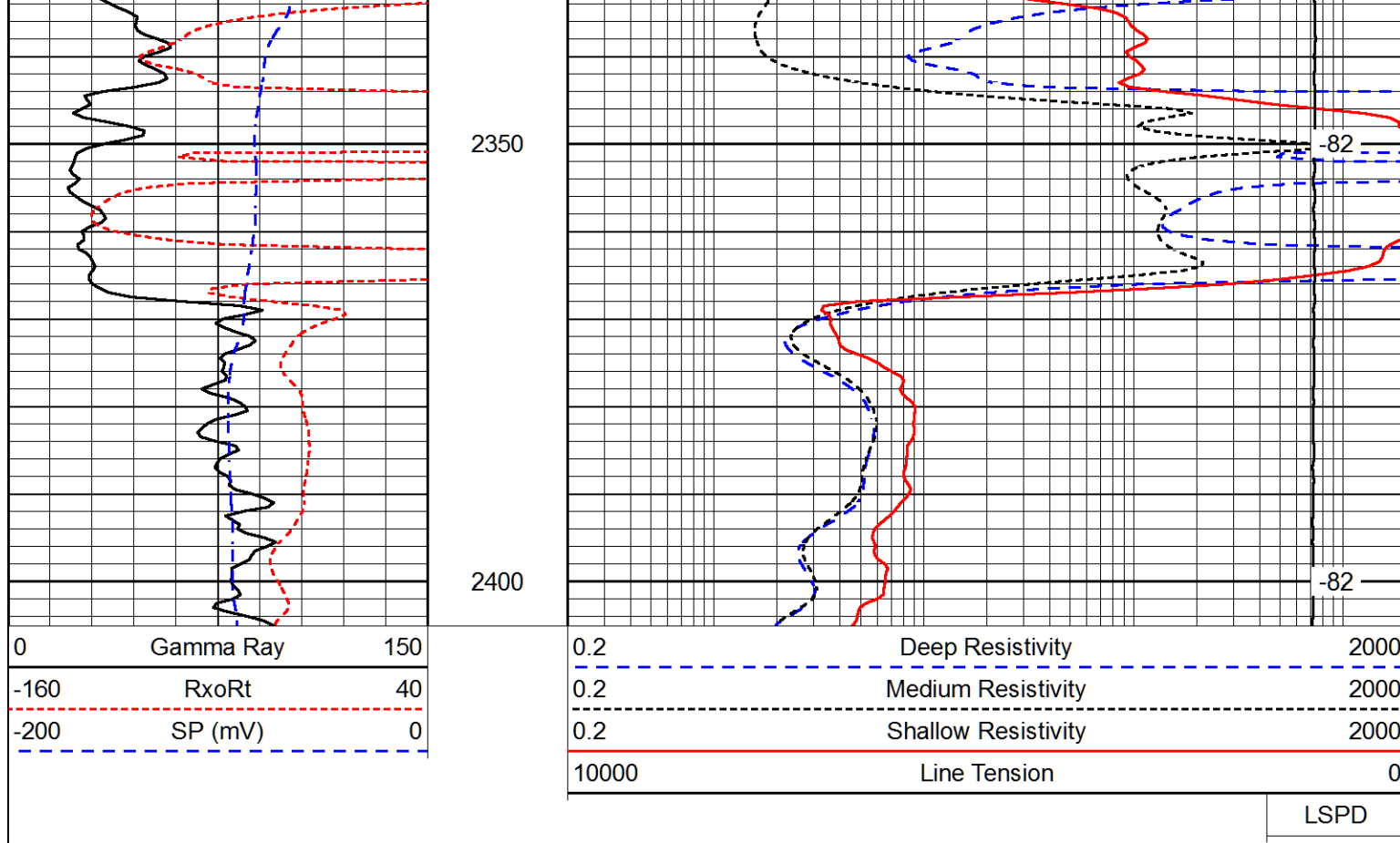




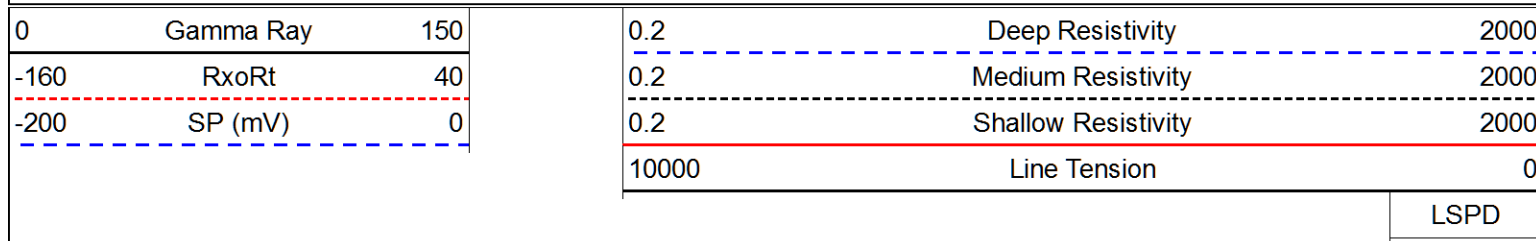


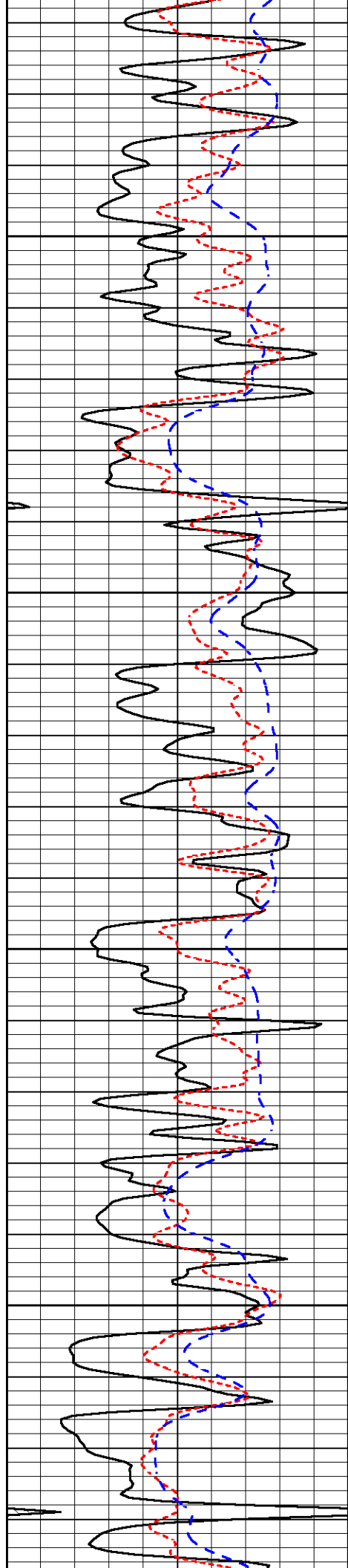






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 Presentation Format dil
 Dataset Creation Fri Mar 27 01:59:25 2015
 Charted by Depth in Feet scaled 1:240



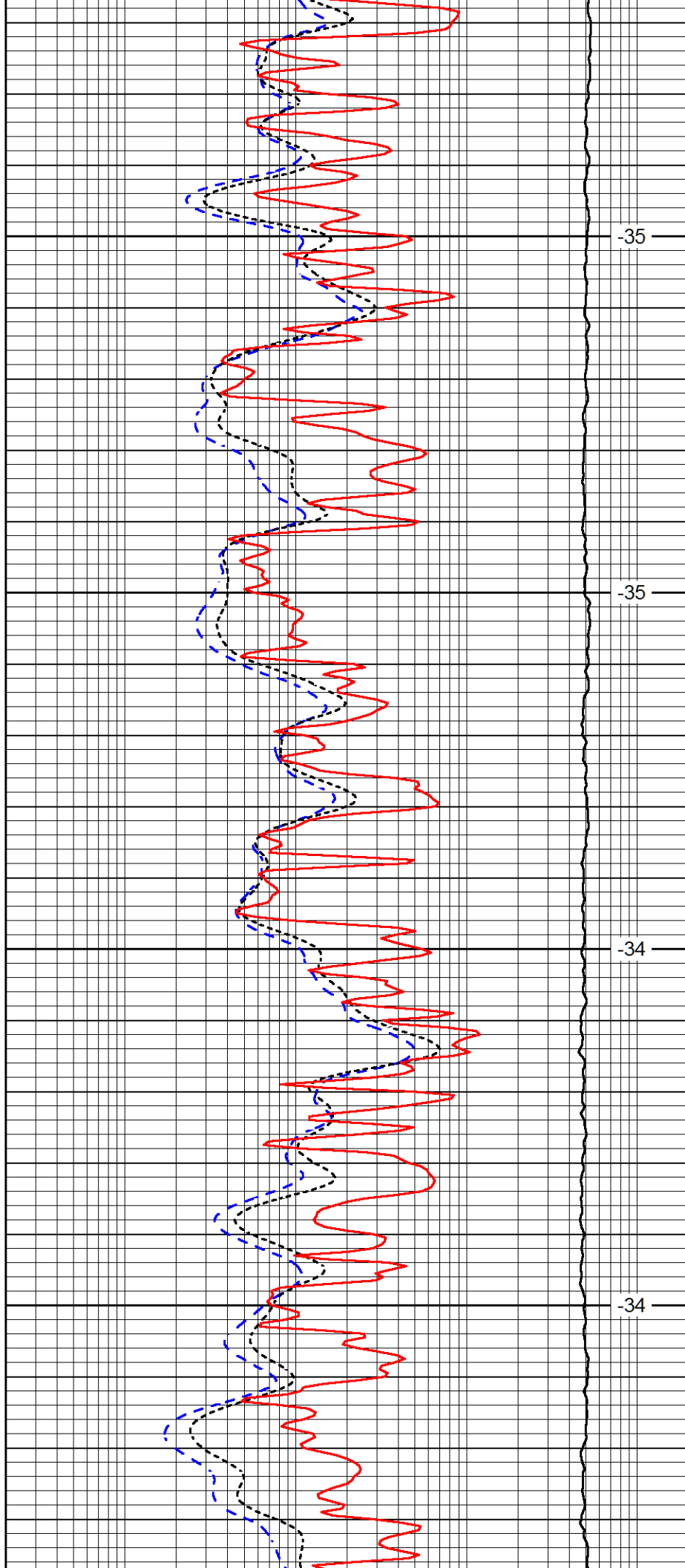


3600

3650

3700

3750

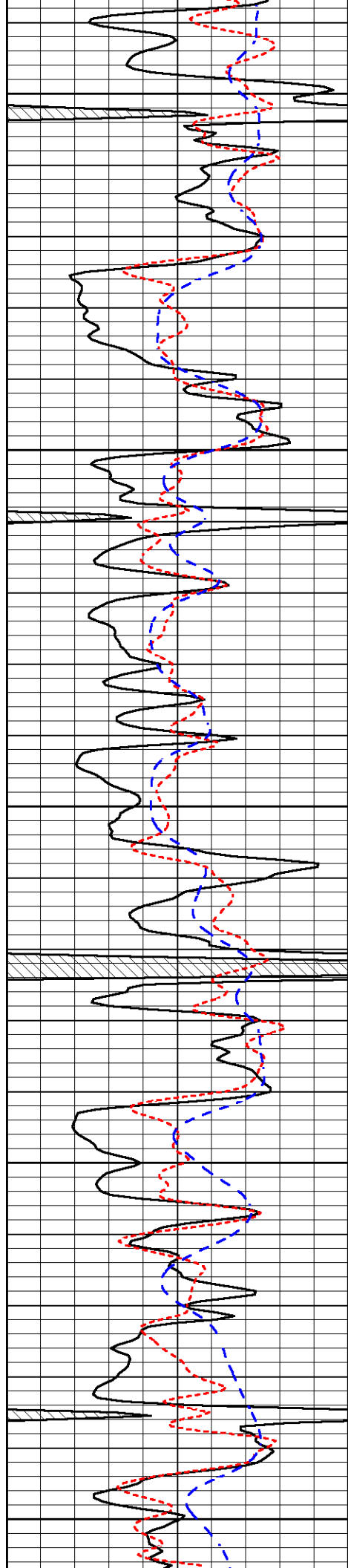


-35

-35

-34

-34



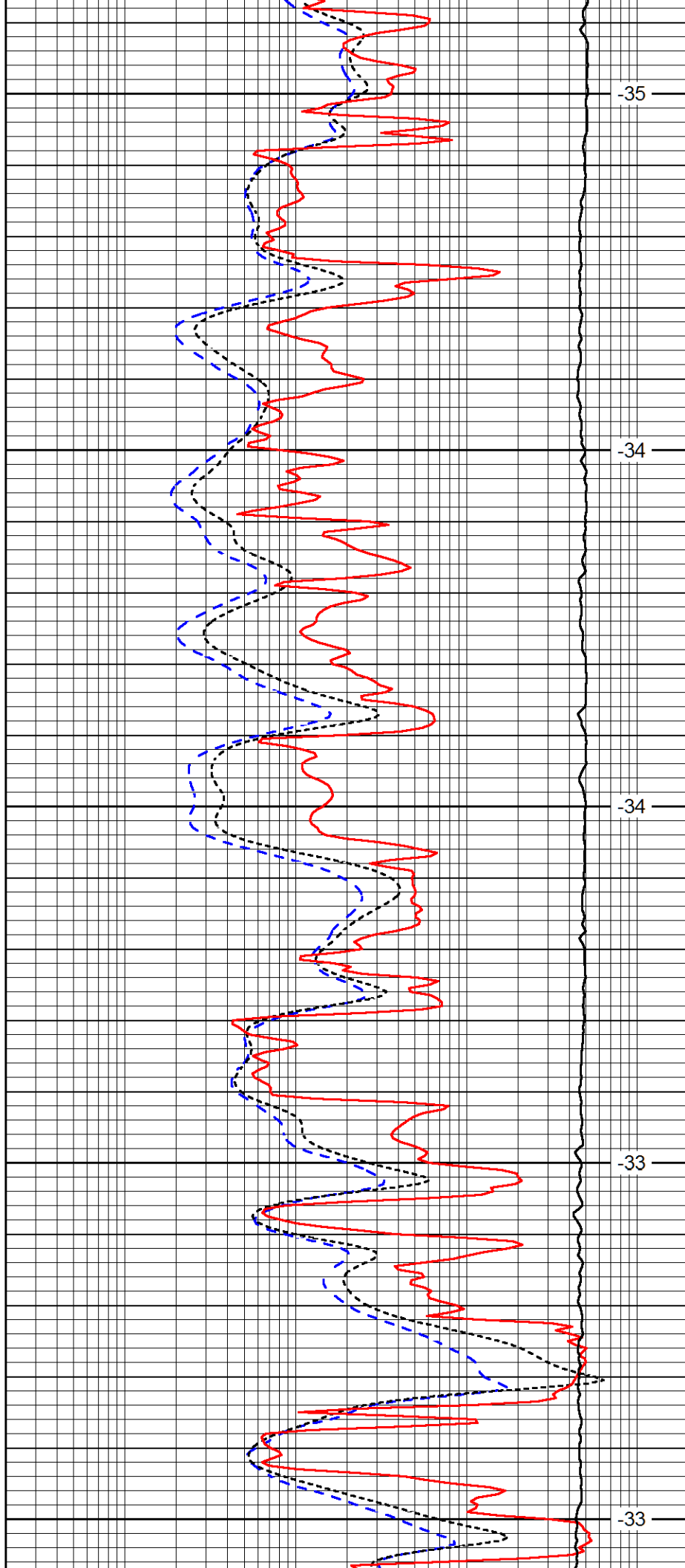
3800

3850

3900

3950

4000



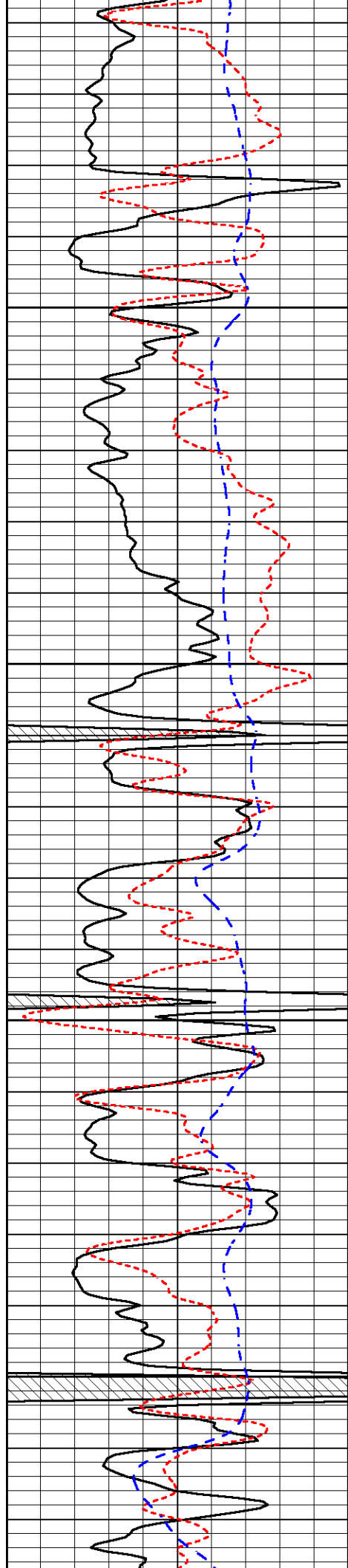
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-34

-33

-33

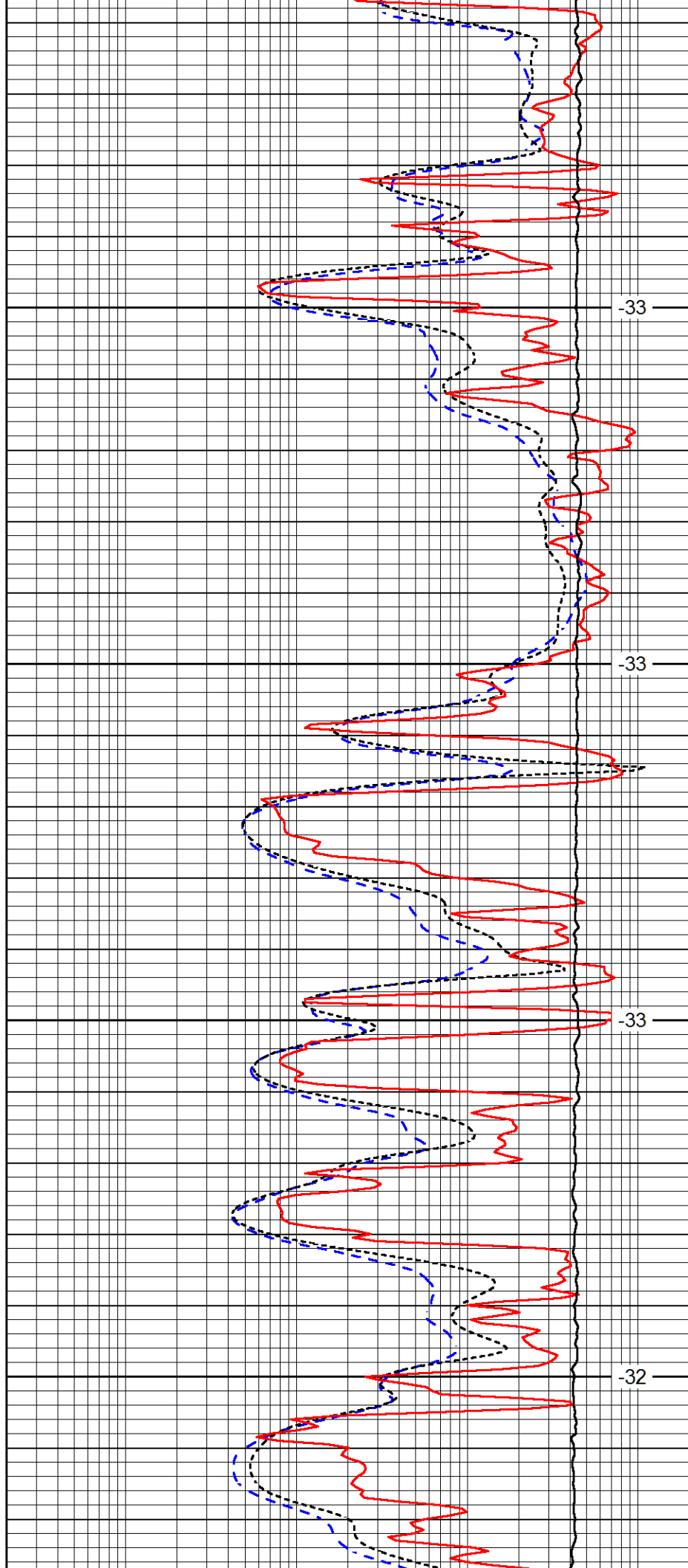


4050

4100

4150

4200

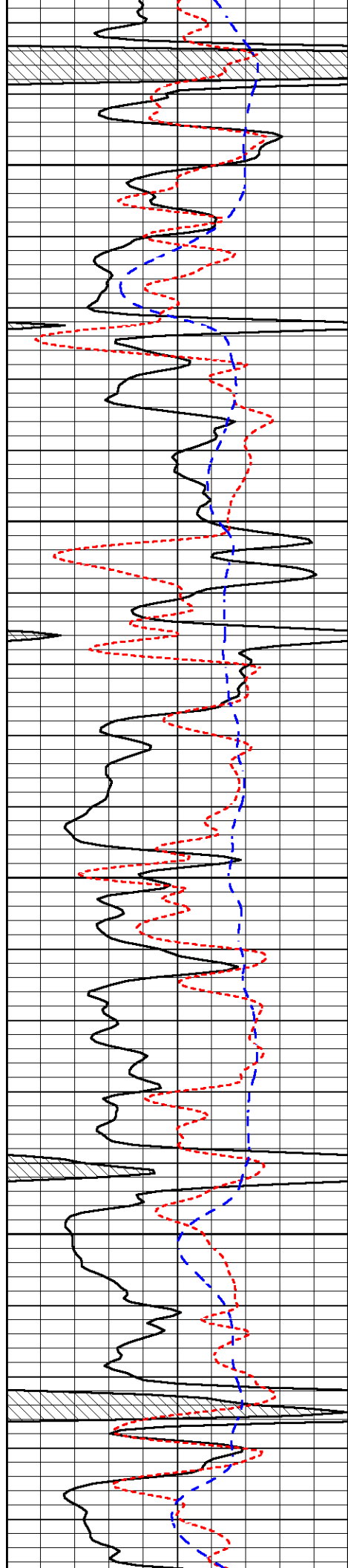


-33

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-32

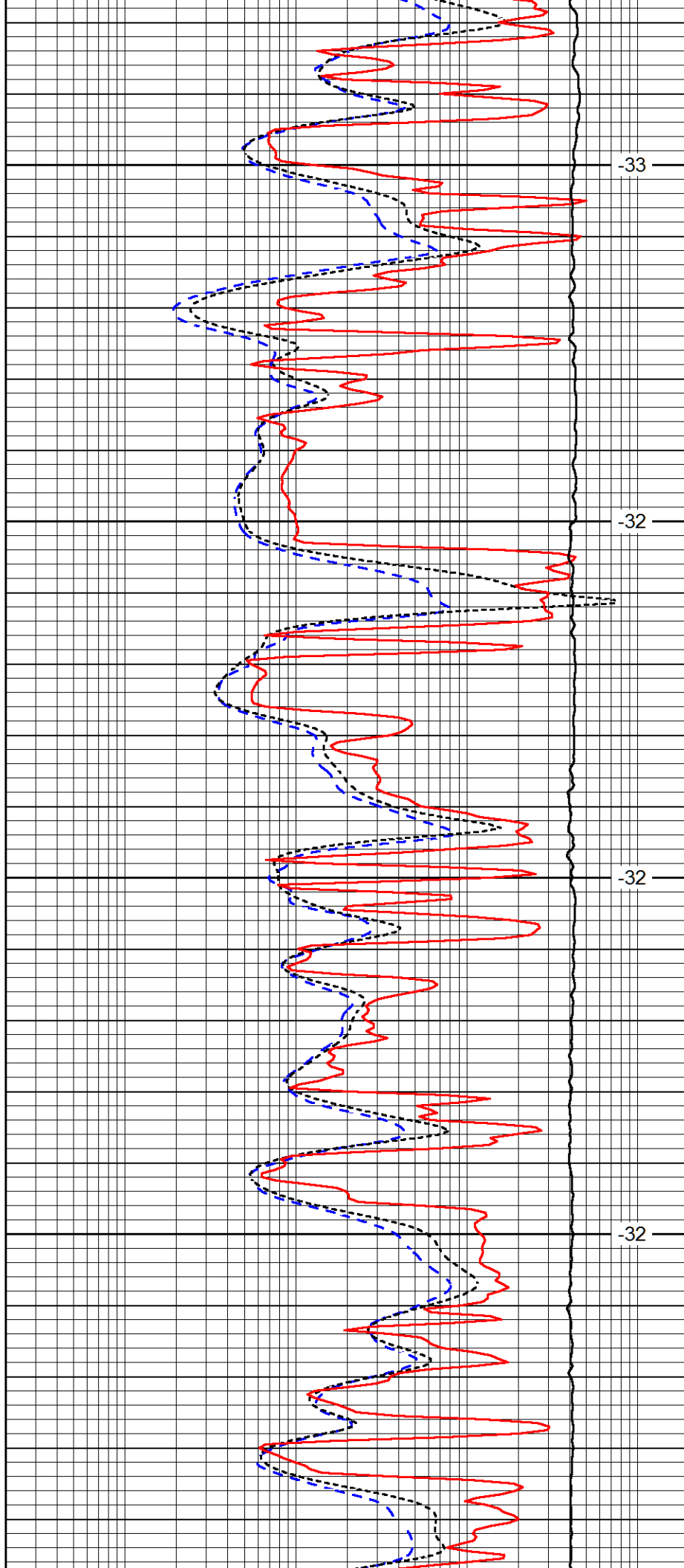


4250

4300

4350

4400

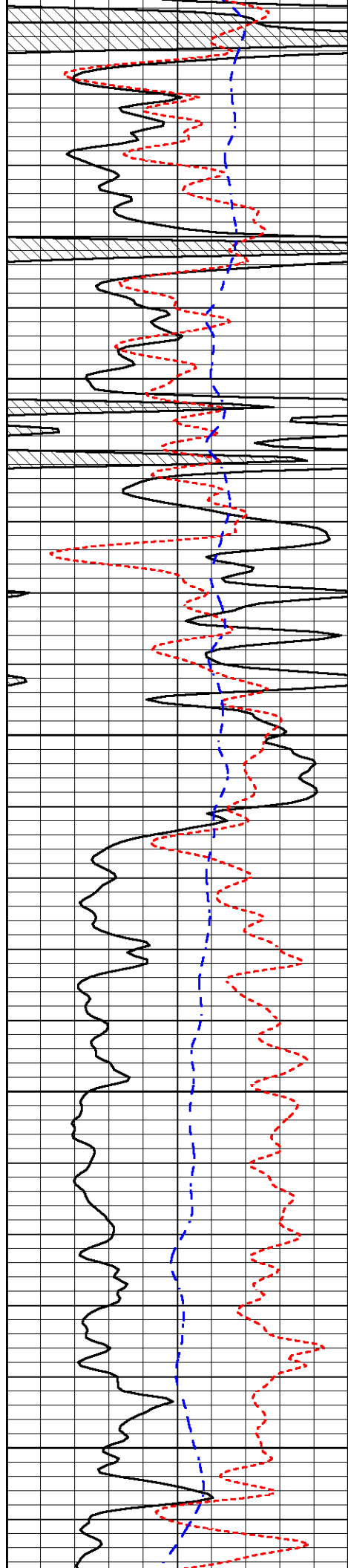


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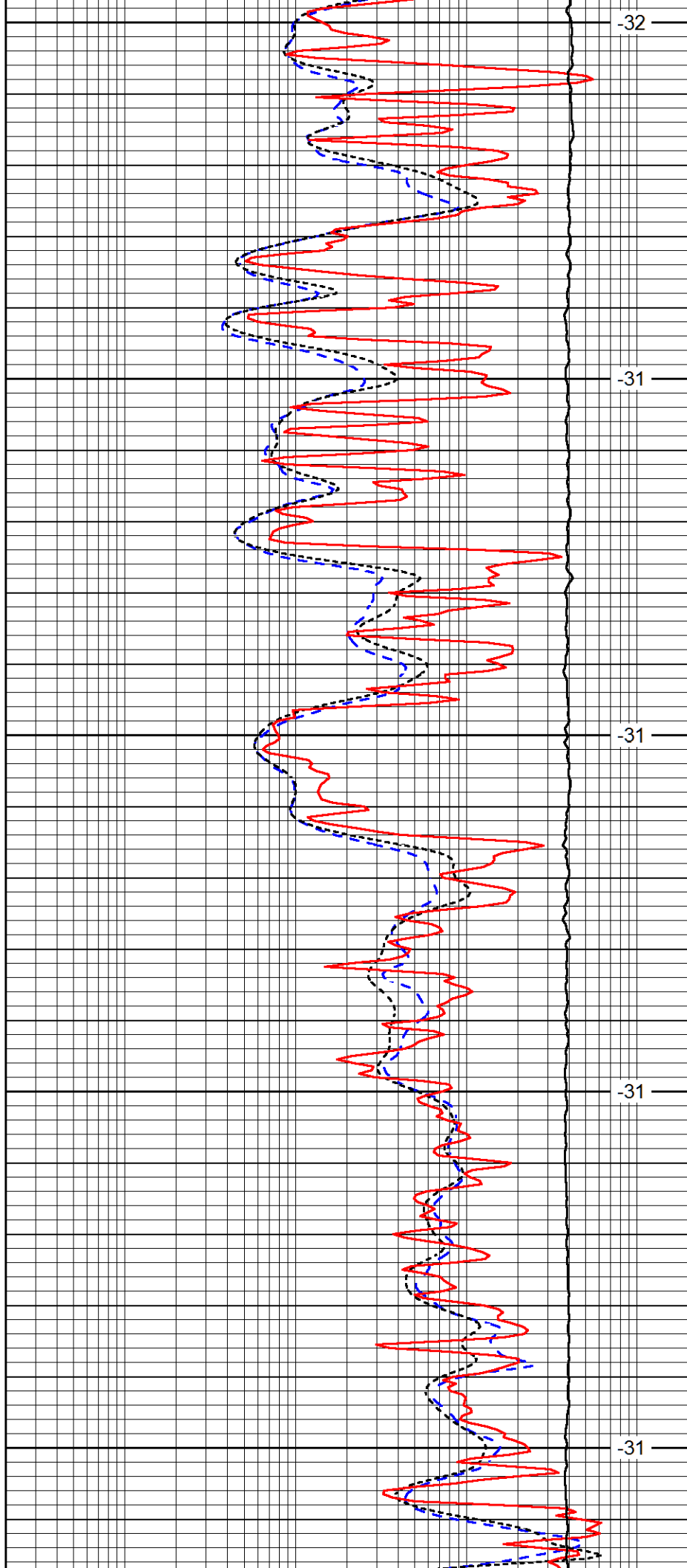
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4500

4550

4600

4650



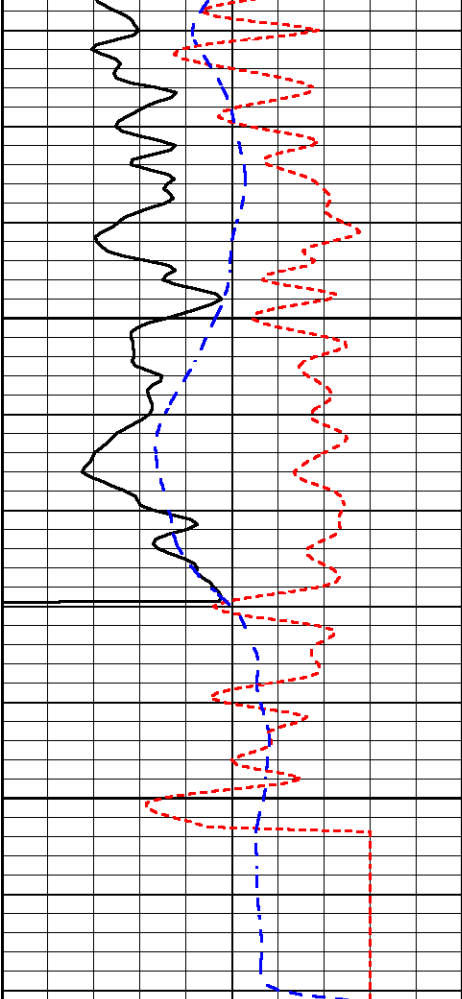
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-31

-31

-31

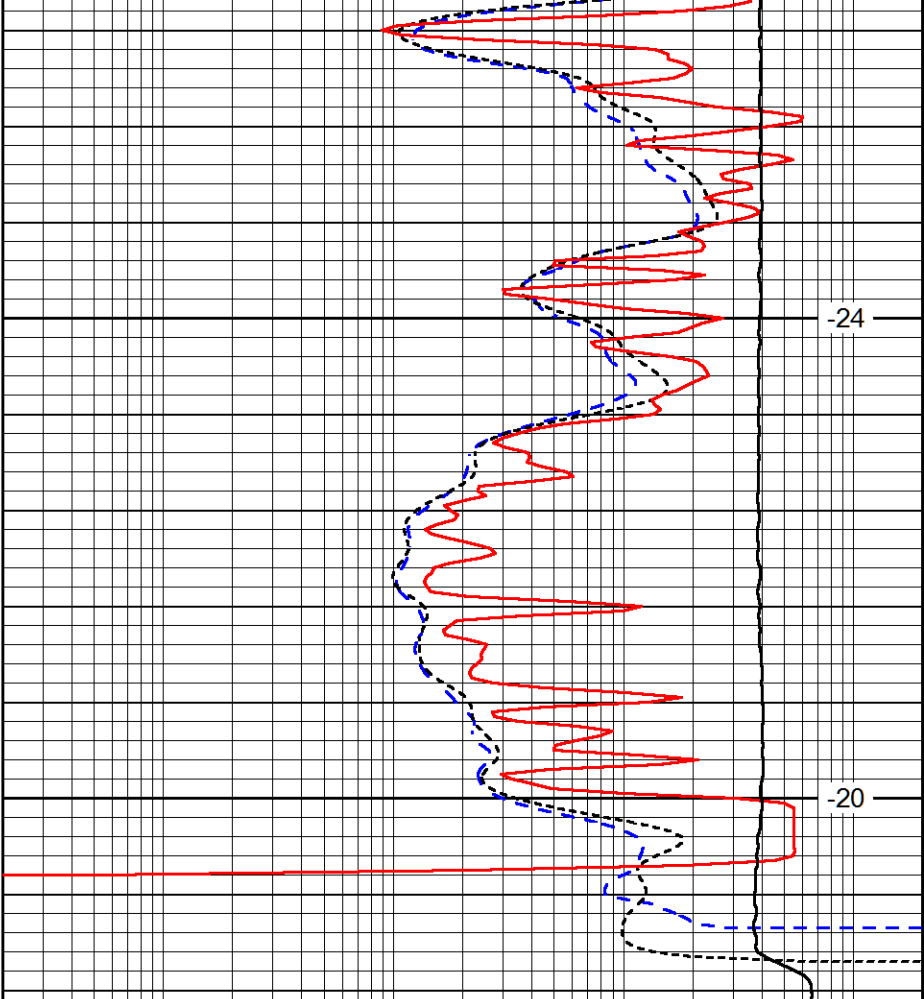
-31



4700

4750

0	Gamma Ray	150
-160	RxoRt	40
-200	SP (mV)	0



-24

-20

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

LSPD