



DIGITAL LOG (785) 625-3858

Dual Induction Log

Company **Larson Engineering, Inc.**

Well **Danis #1-21**

Field **Reifschneider Southeast**

County **Lane** State **Kansas**

Location

**SW SW NE SE
1500' FSL / 997' FEL**

Other Services
CNL/CDL
MEL

Sec: **21**

Twp: **18S**

Rge: **29W**

Elevation

Permanent Datum **Ground Level** Elevation **2810**

Log Measured From **Kelly Bushing** 7 Ft. Above Perm. Datum

K.B. 2817
D.F.
G.L. 2810

15-101-22372-00-00

Date

6/23/2012

Run Number

One

Depth Driller

4655

Depth Logger

4656

Bottom Logged Interval

4655

Top Log Interval

250

Casing Driller

8.625 @ 261

Casing Logger

257

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2500

Density / Viscosity

9.3

52

pH / Fluid Loss

10.0

8.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.40 @ 82

Rmf @ Meas. Temp

0.30 @ 82

Rmc @ Meas. Temp

0.54 @ 82

Source of Rmf / Rmc

Charts

Rm @ BHT

0.27 @ 123

Operating Rig Time

4 Hours

Max Rec. Temp. F

123

Equipment Number

15

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Bob Lewellyn

<<< 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

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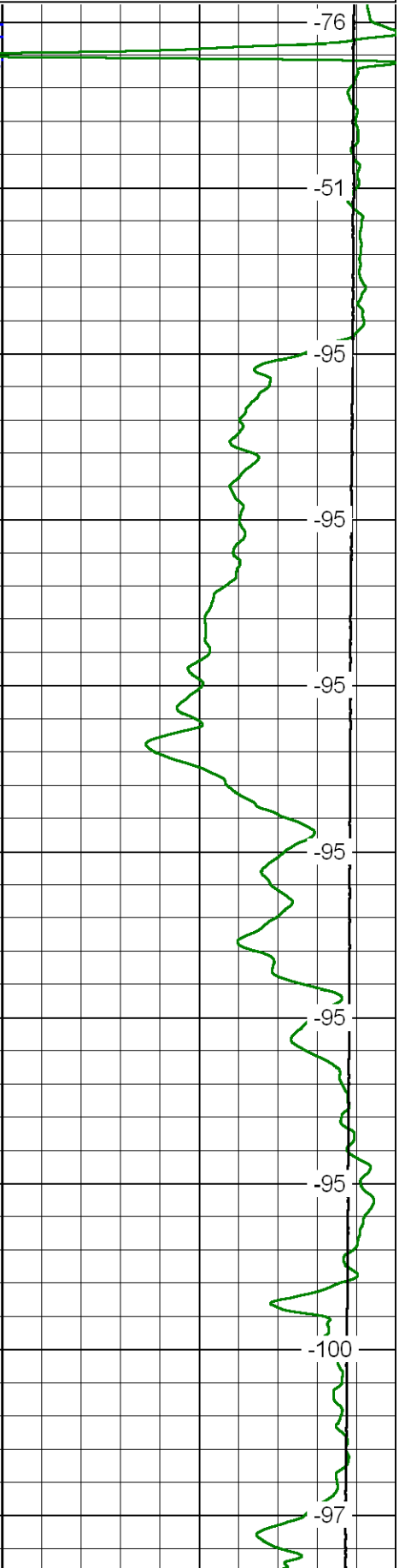
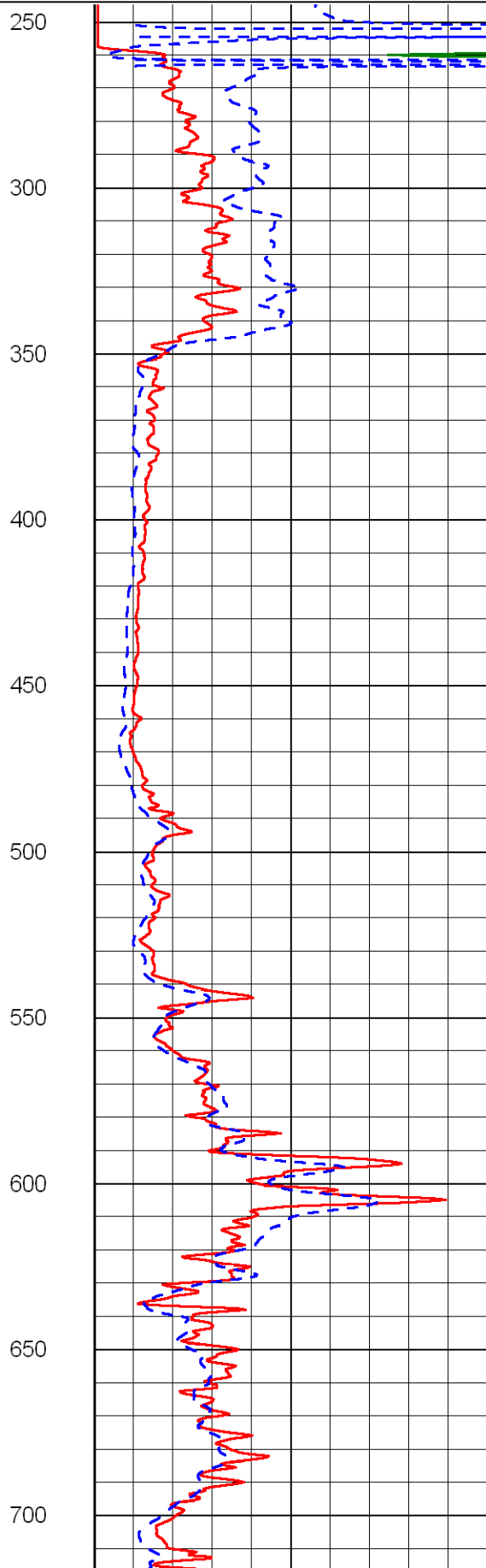
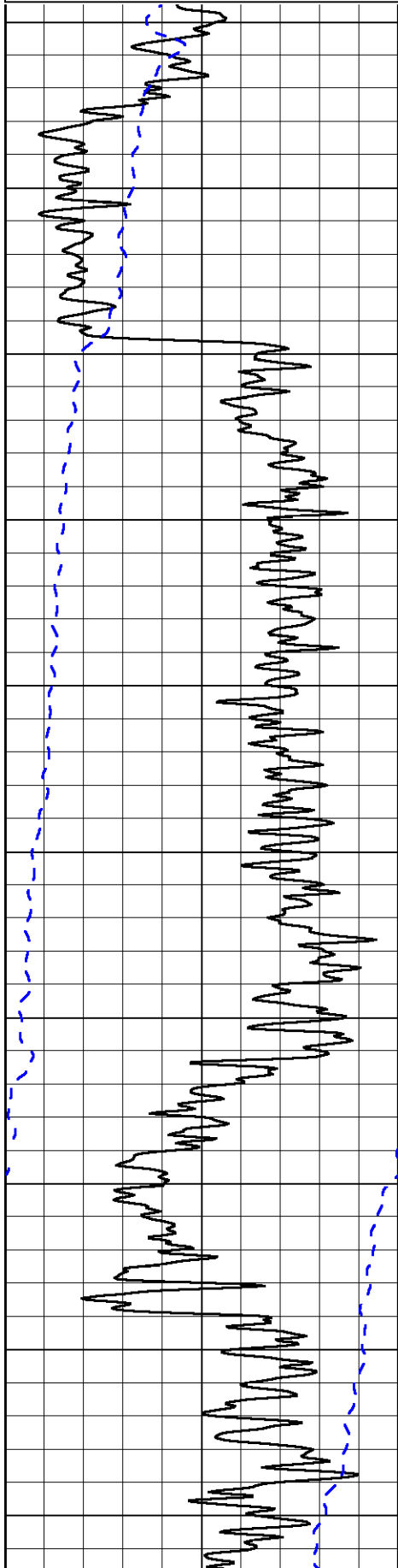
Dighton, KS:
3W, 3/4S, W into

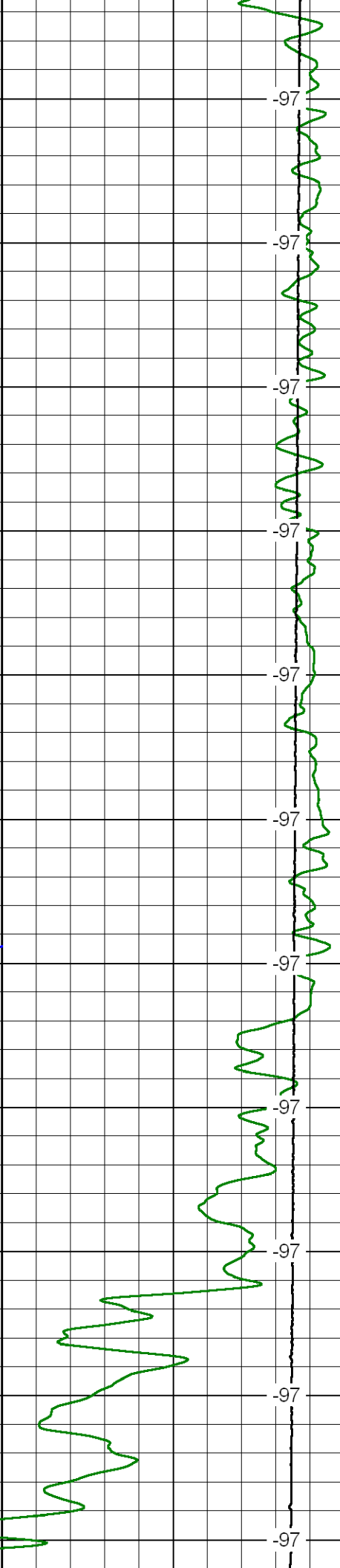
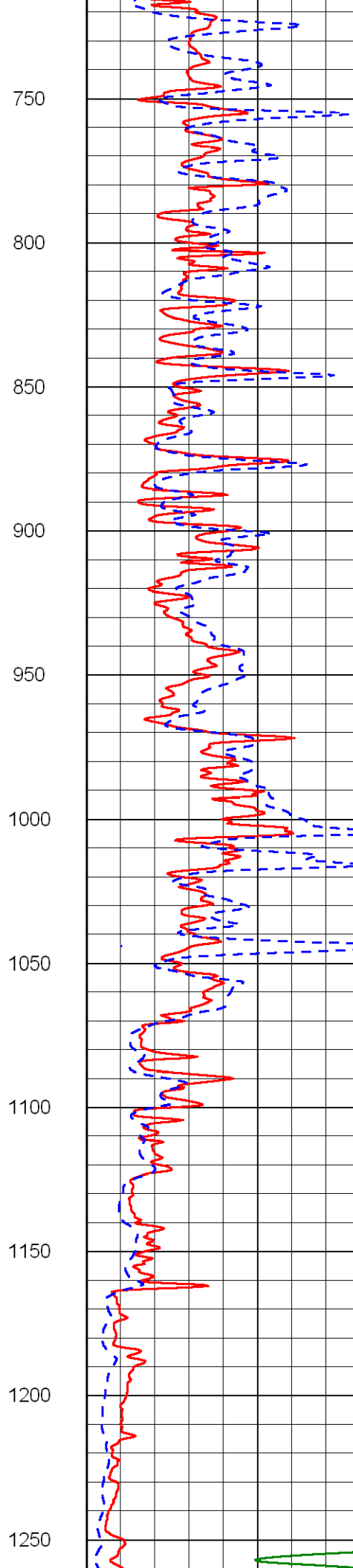
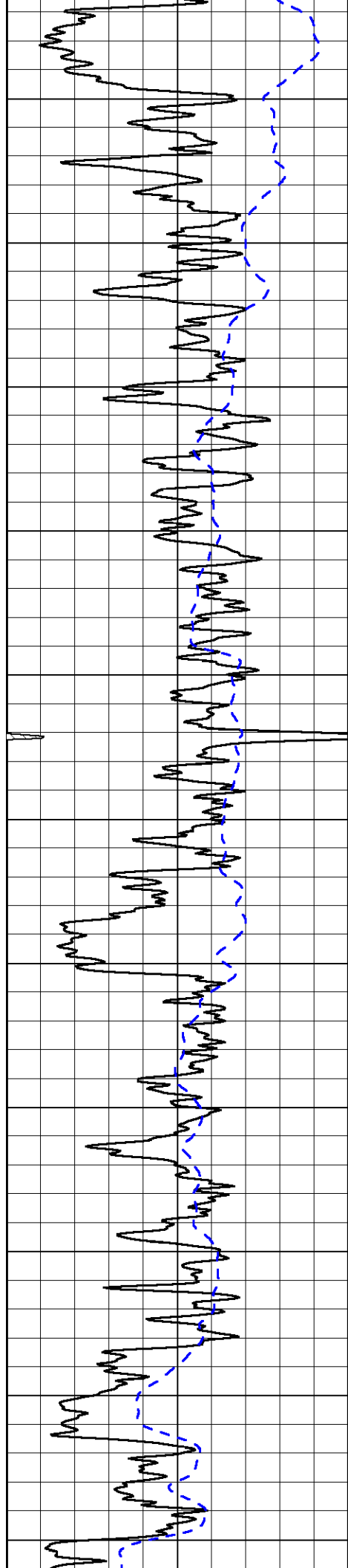
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Dataset Creation: Sat Jun 23 02:29:13 2012
Charted by: Depth in Feet scaled 1:600

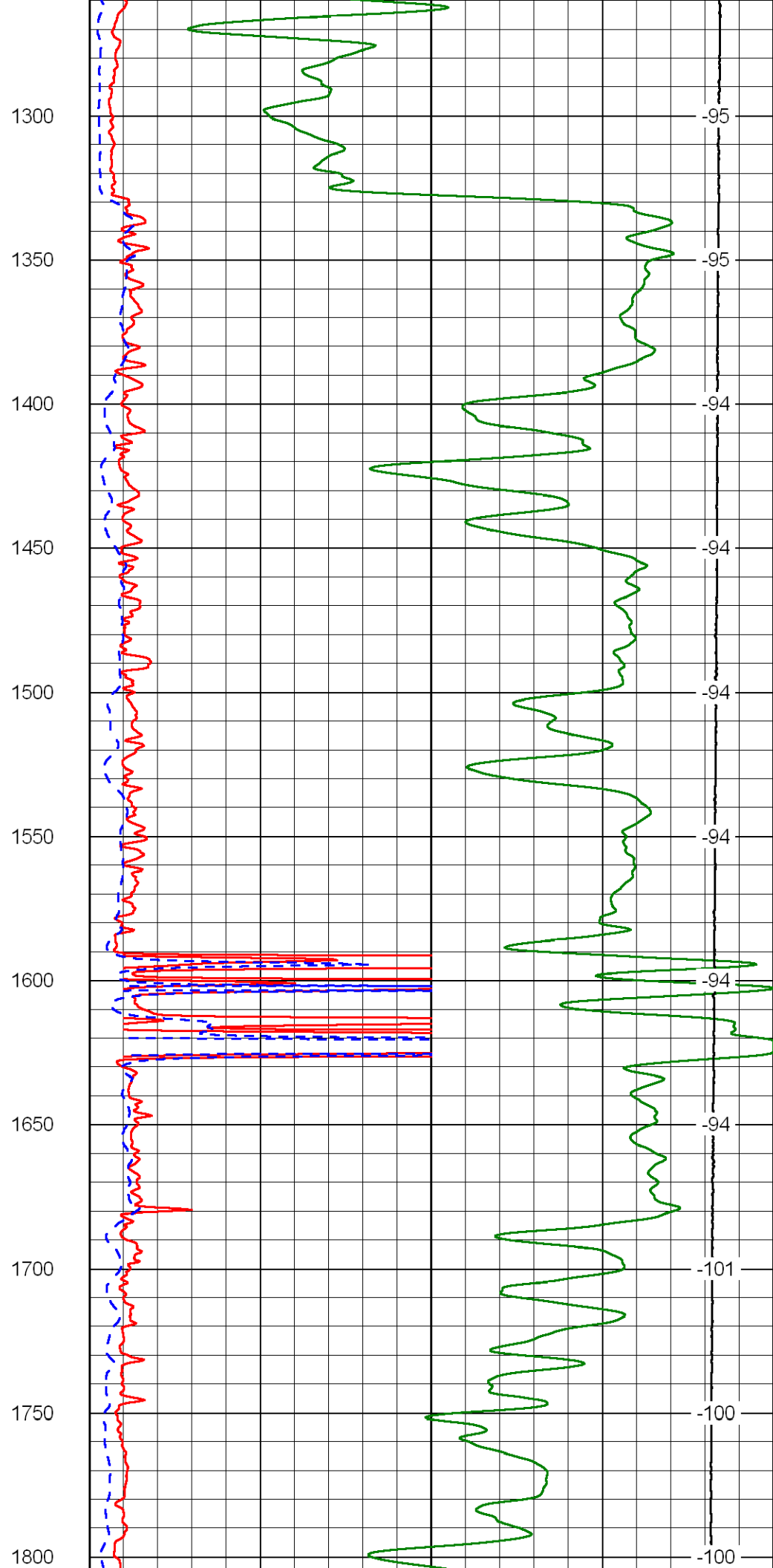
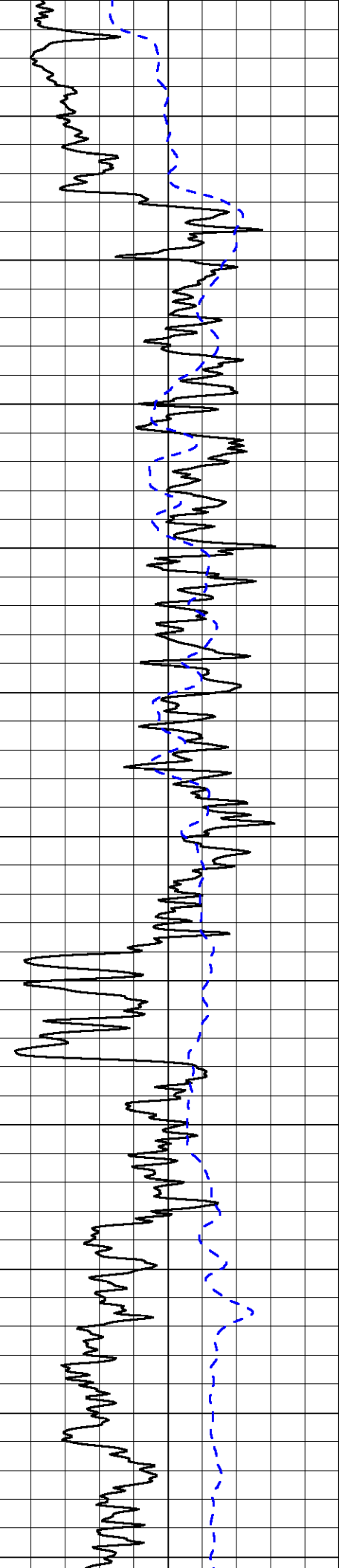
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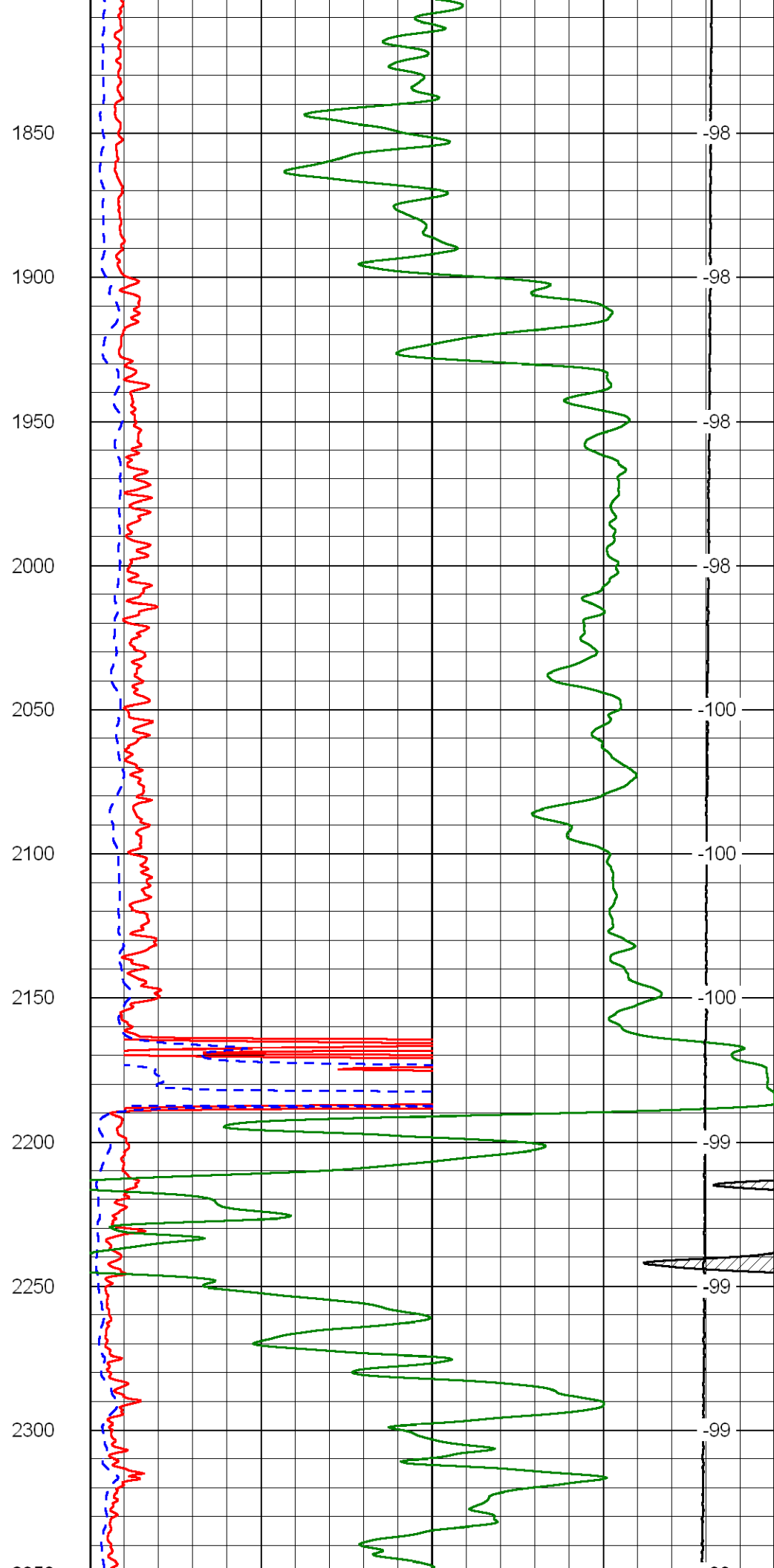
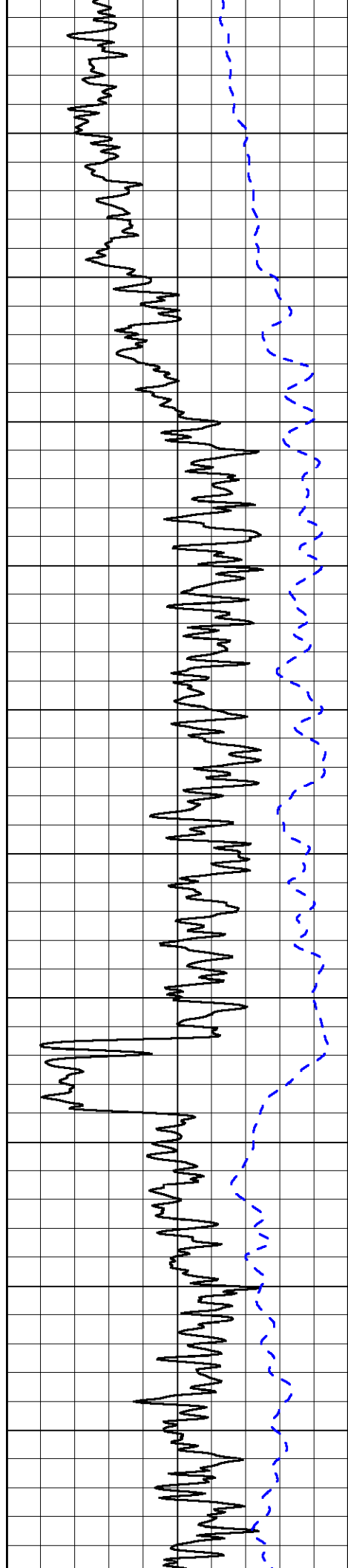
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
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50	Deep Resistivity	500

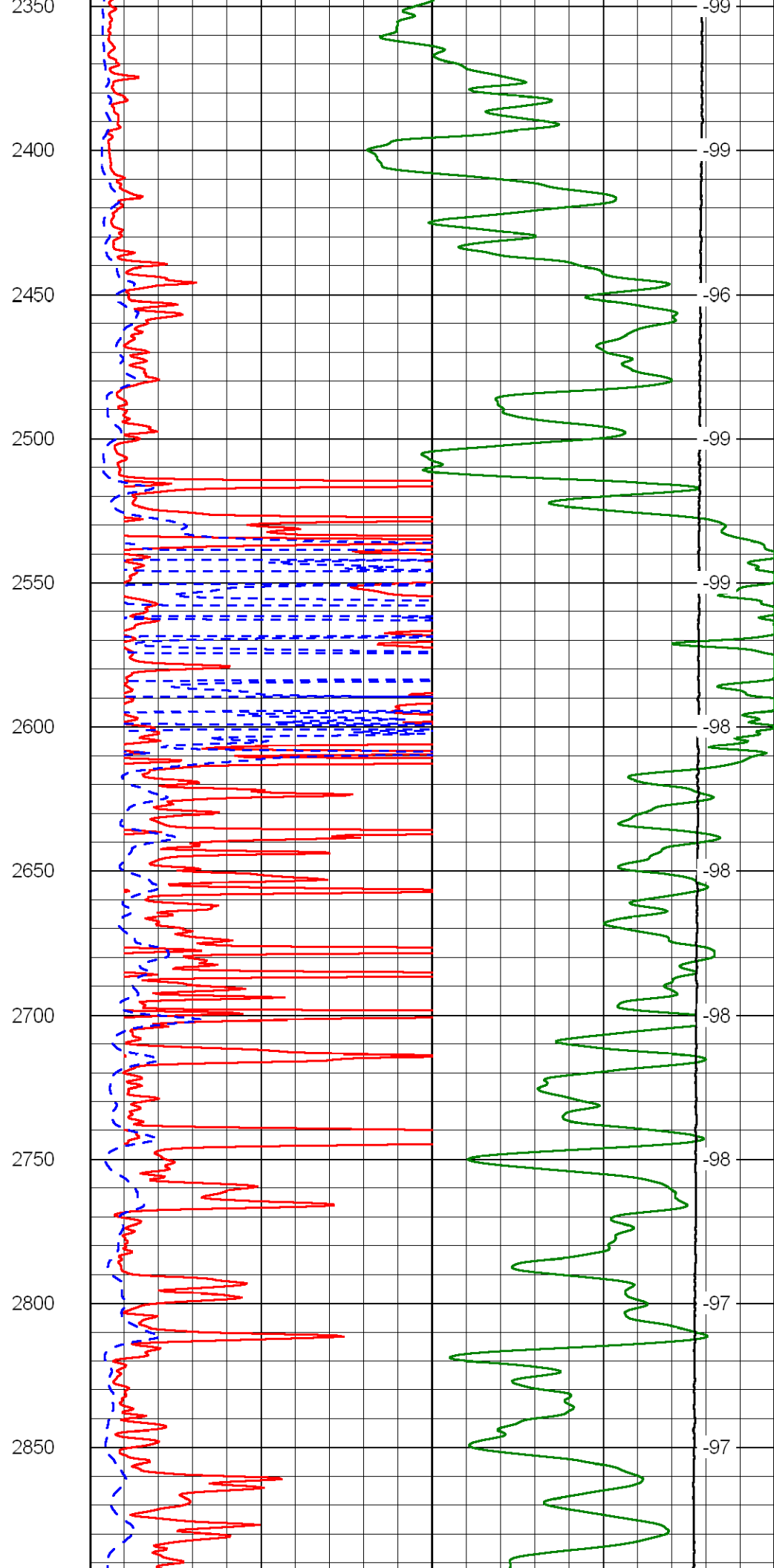
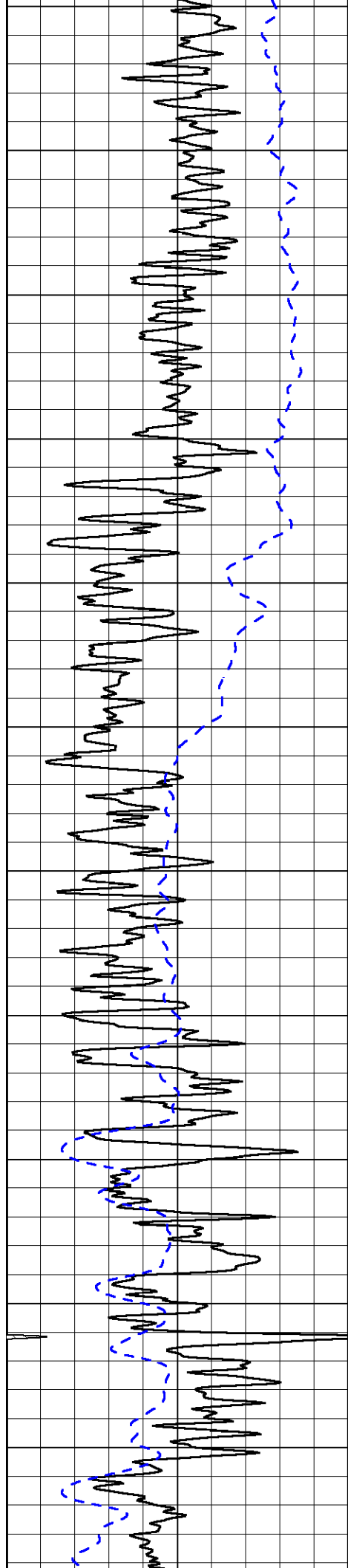
LSPD

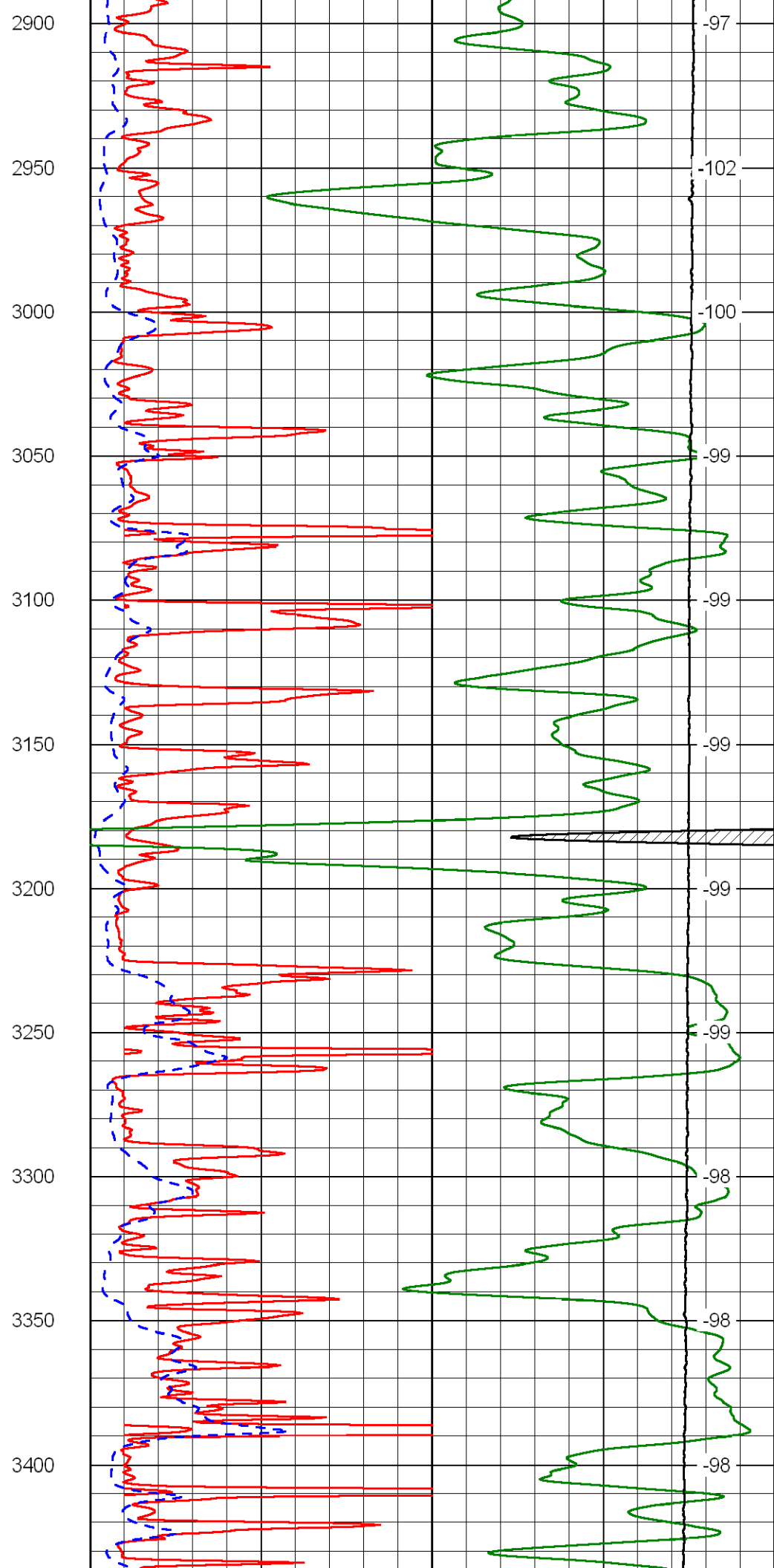
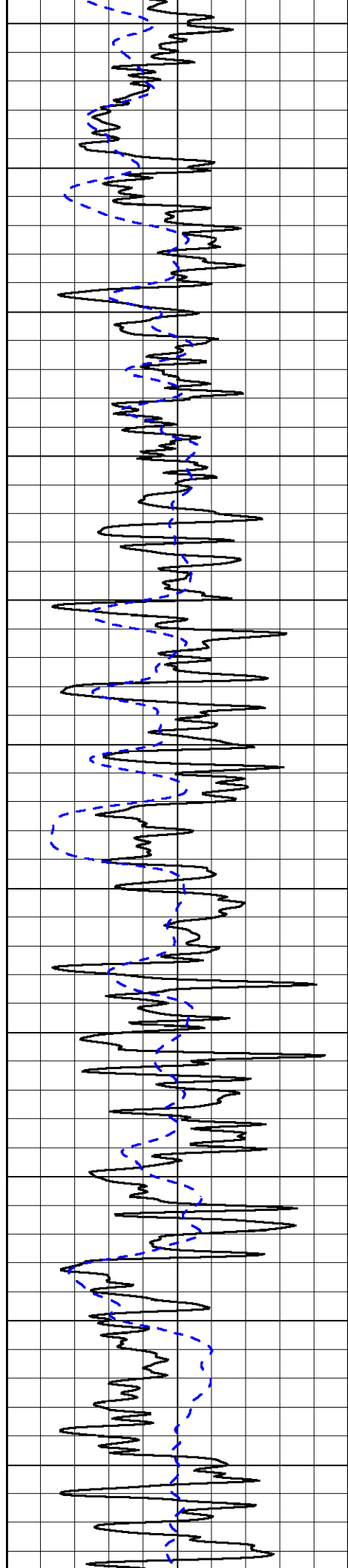


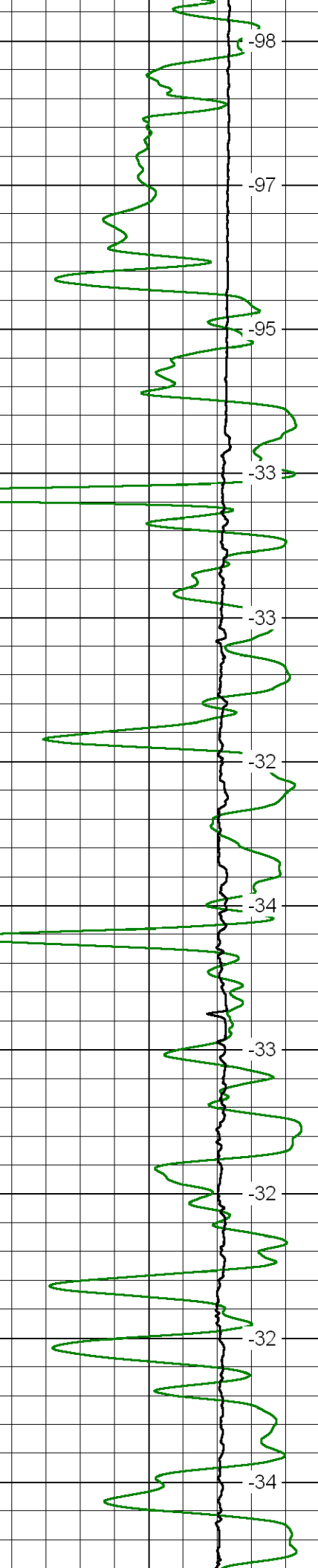
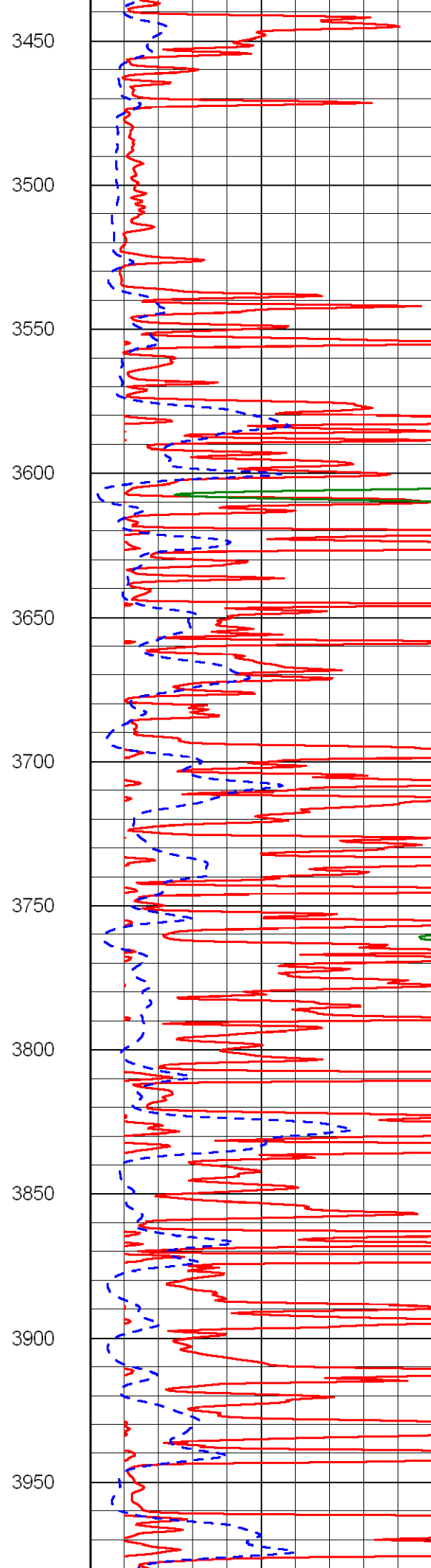
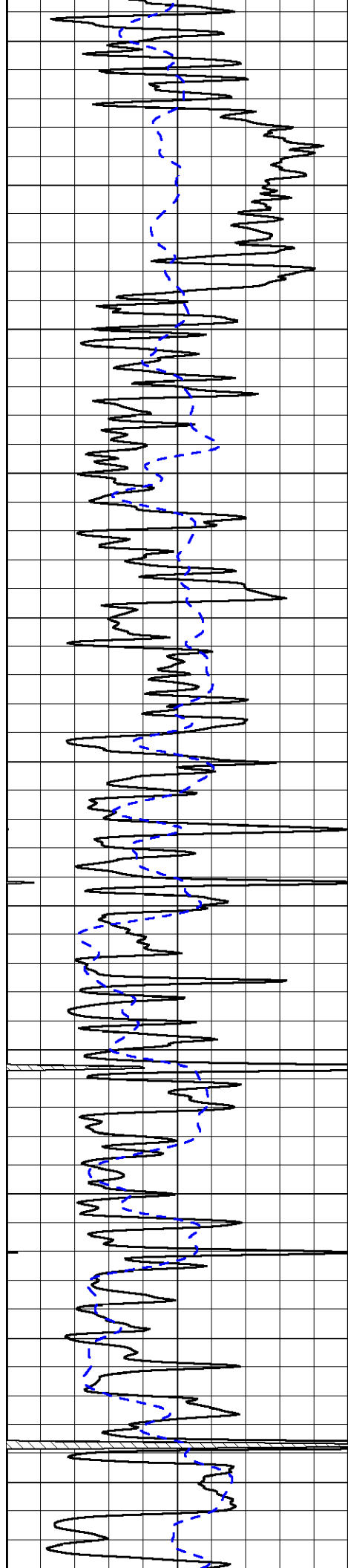


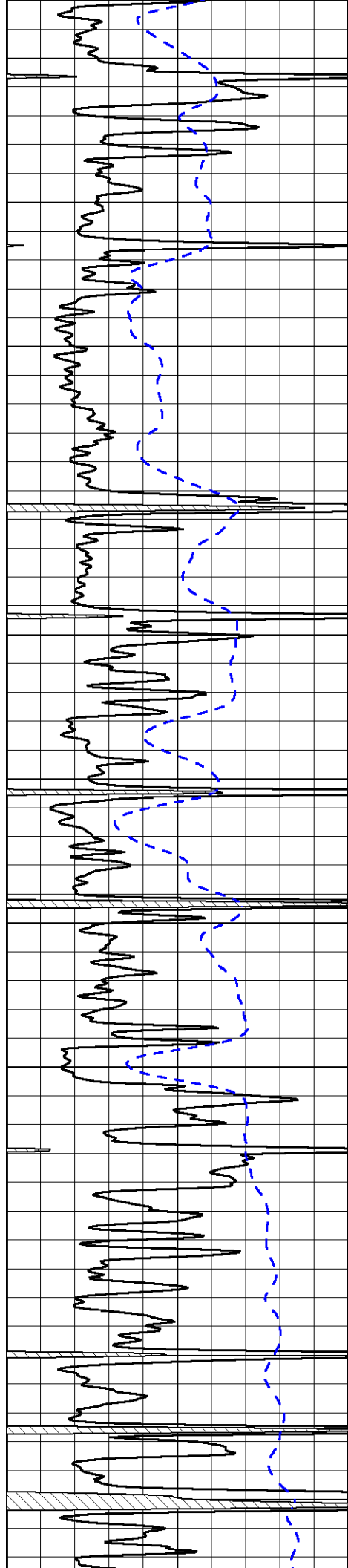












4000

4050

4100

4150

4200

4250

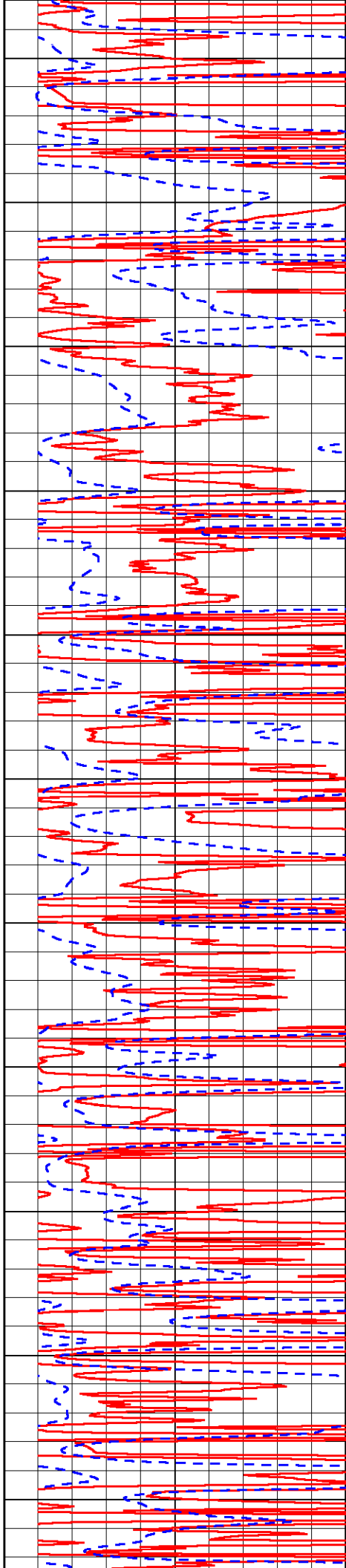
4300

4350

4400

4450

4500



-32

-31

-32

-32

-32

-32

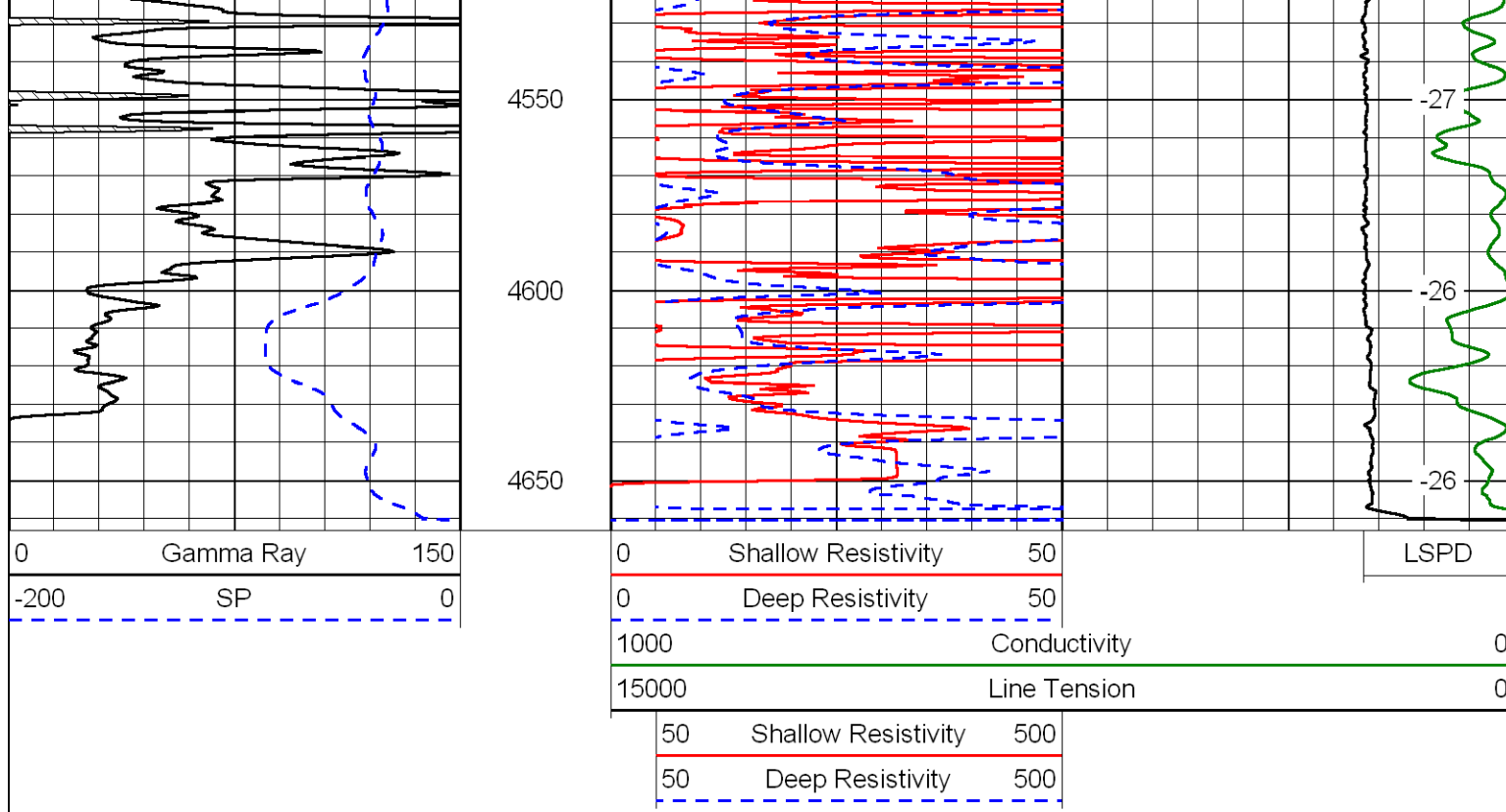
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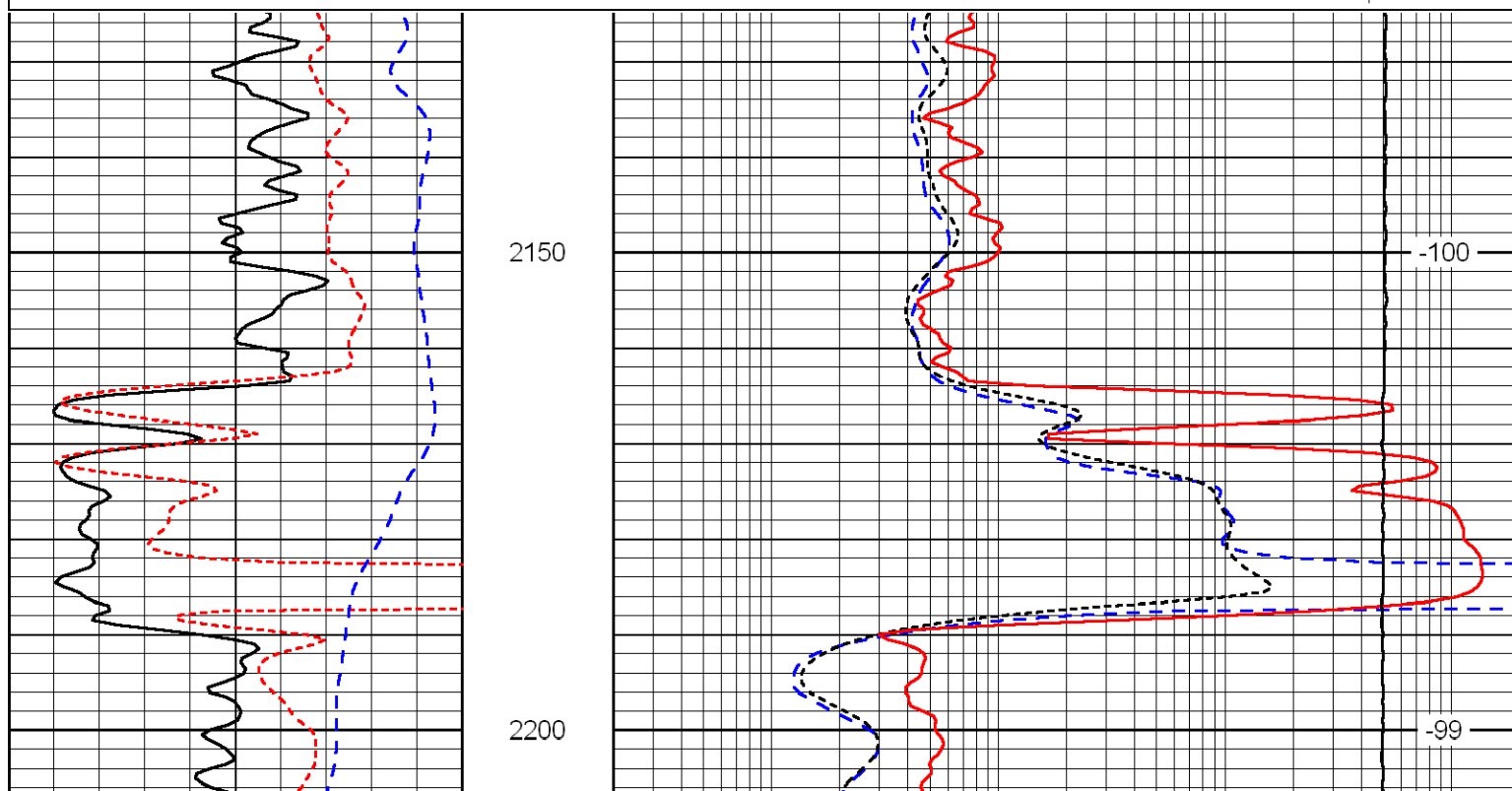
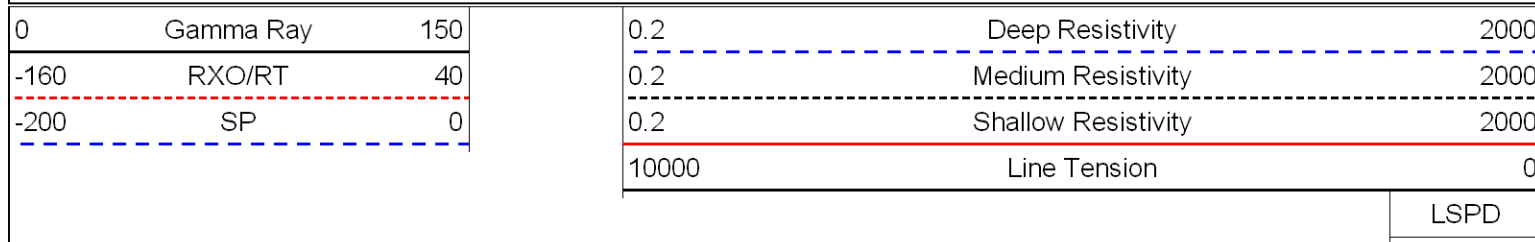
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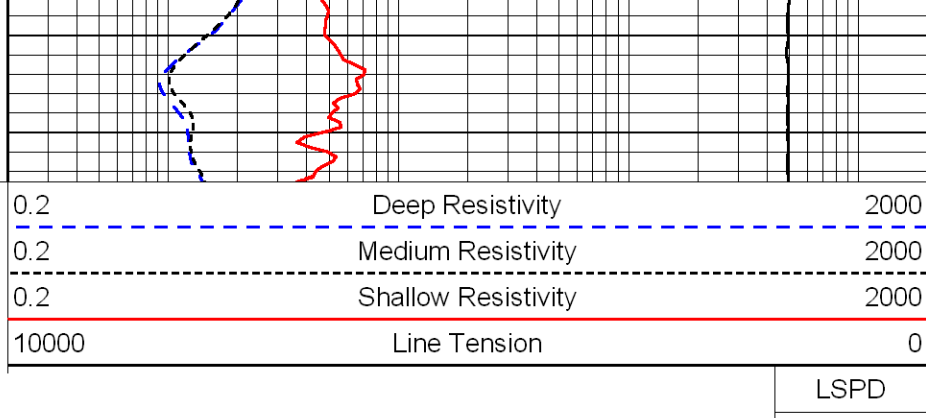
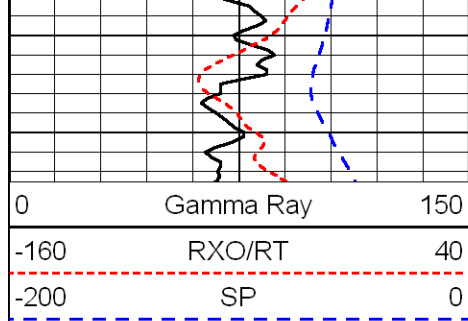
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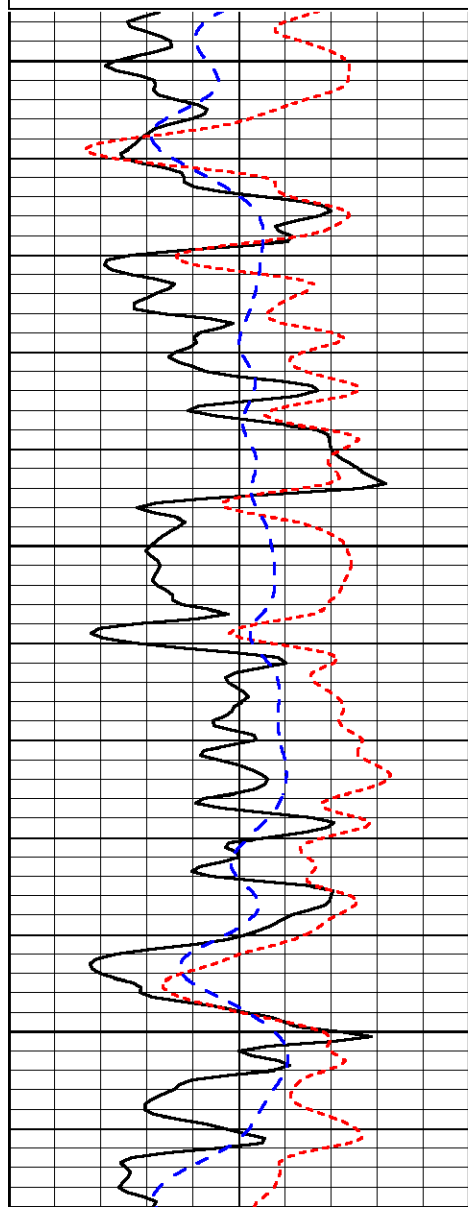
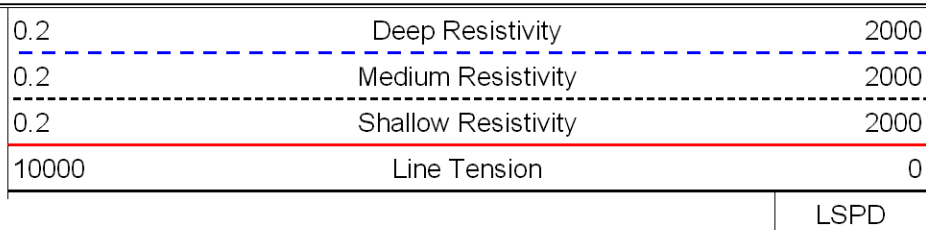
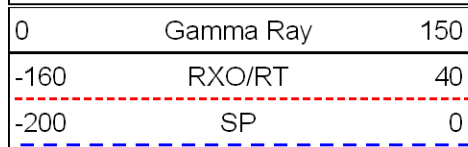


Database File: larsonhd.db
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 Dataset Creation: Sat Jun 23 02:29:13 2012
 Charted by: Depth in Feet scaled 1:240





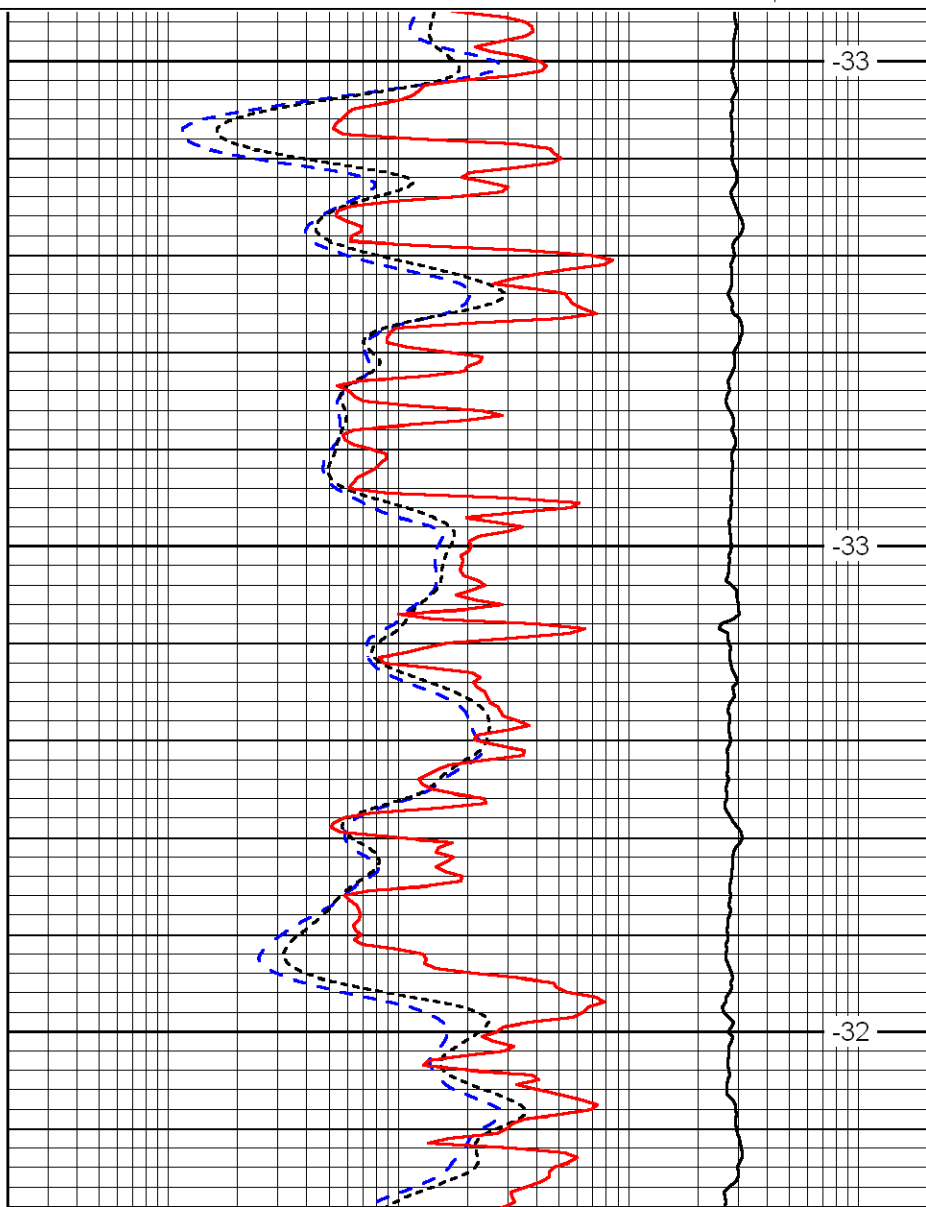
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3600

3650

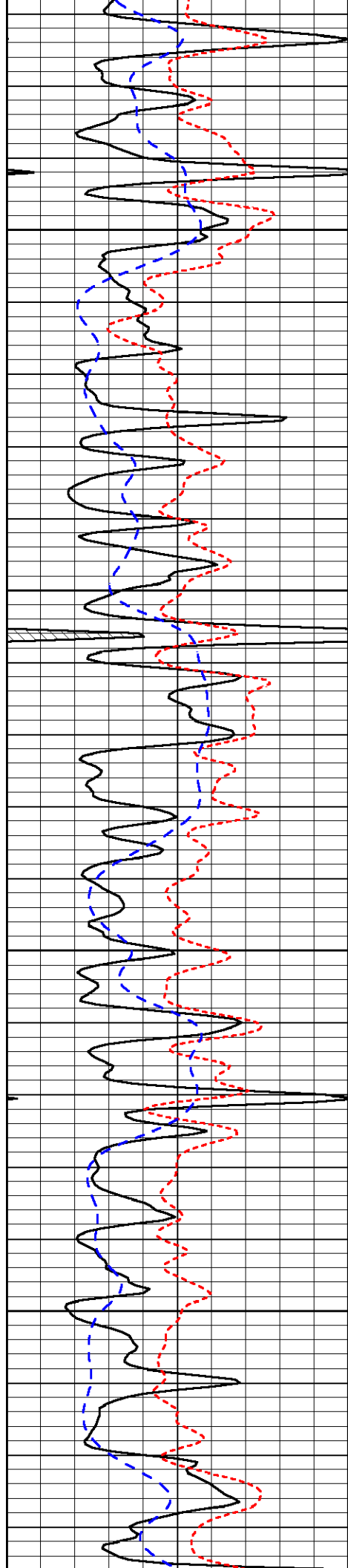
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-33

-33

-32

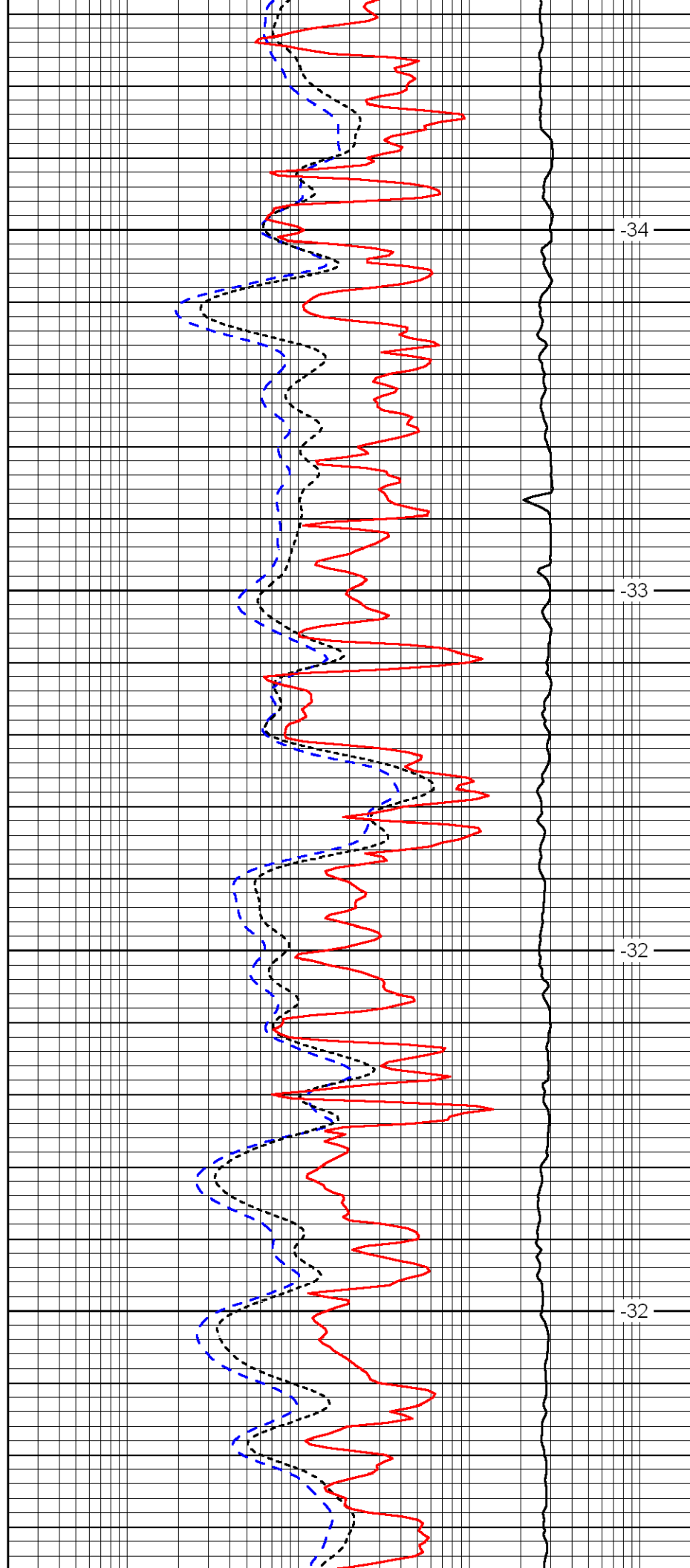


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3800

3850

3900

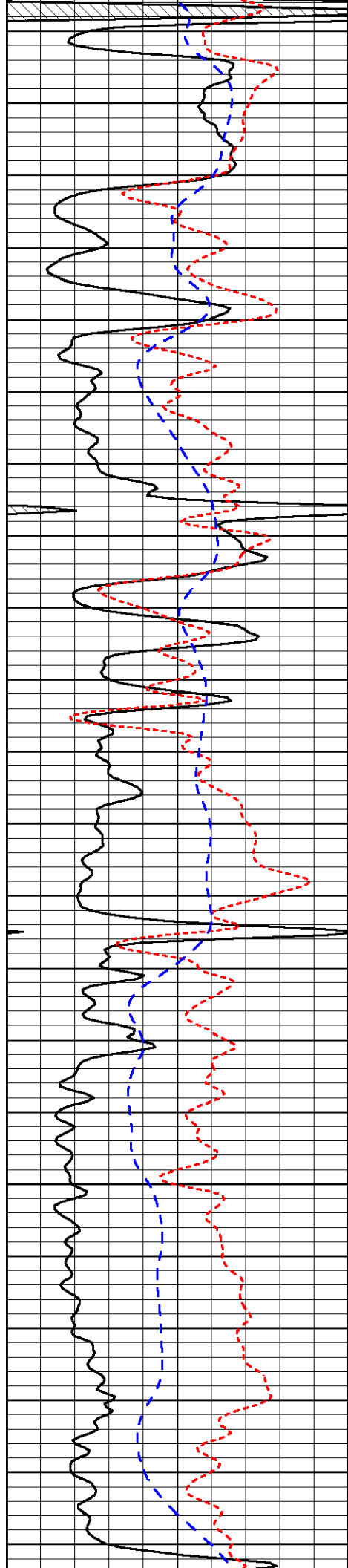


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-33

-32

-32



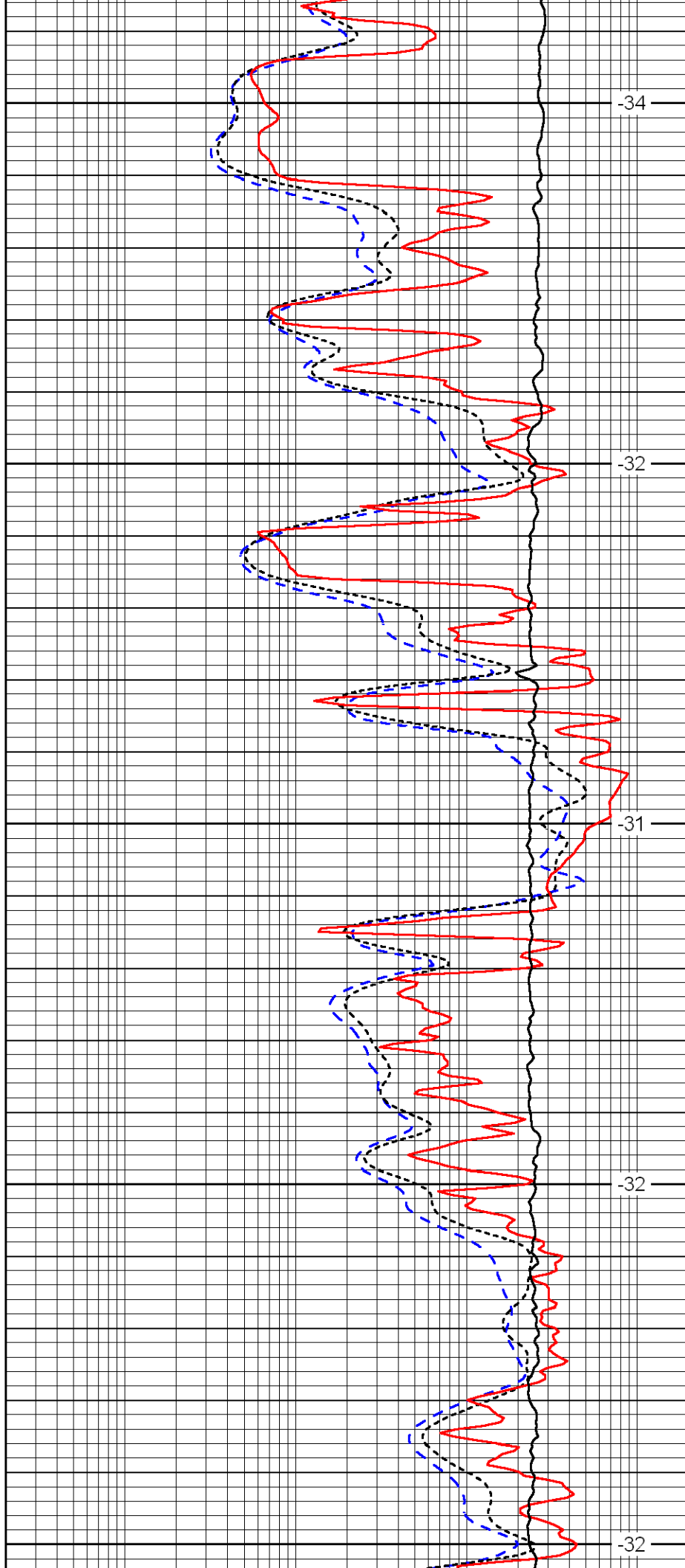
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4000

4050

4100

4150



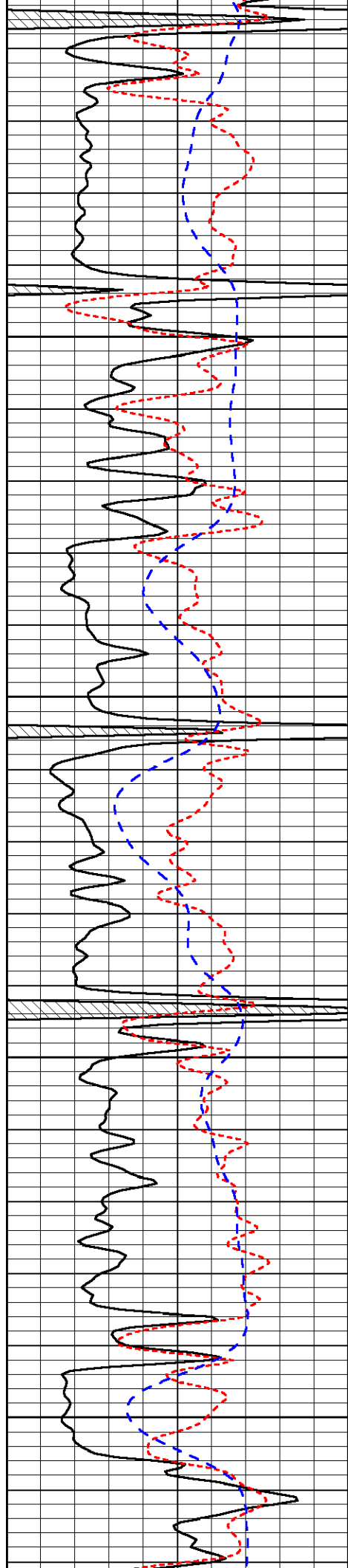
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-32

-31

-32

-32

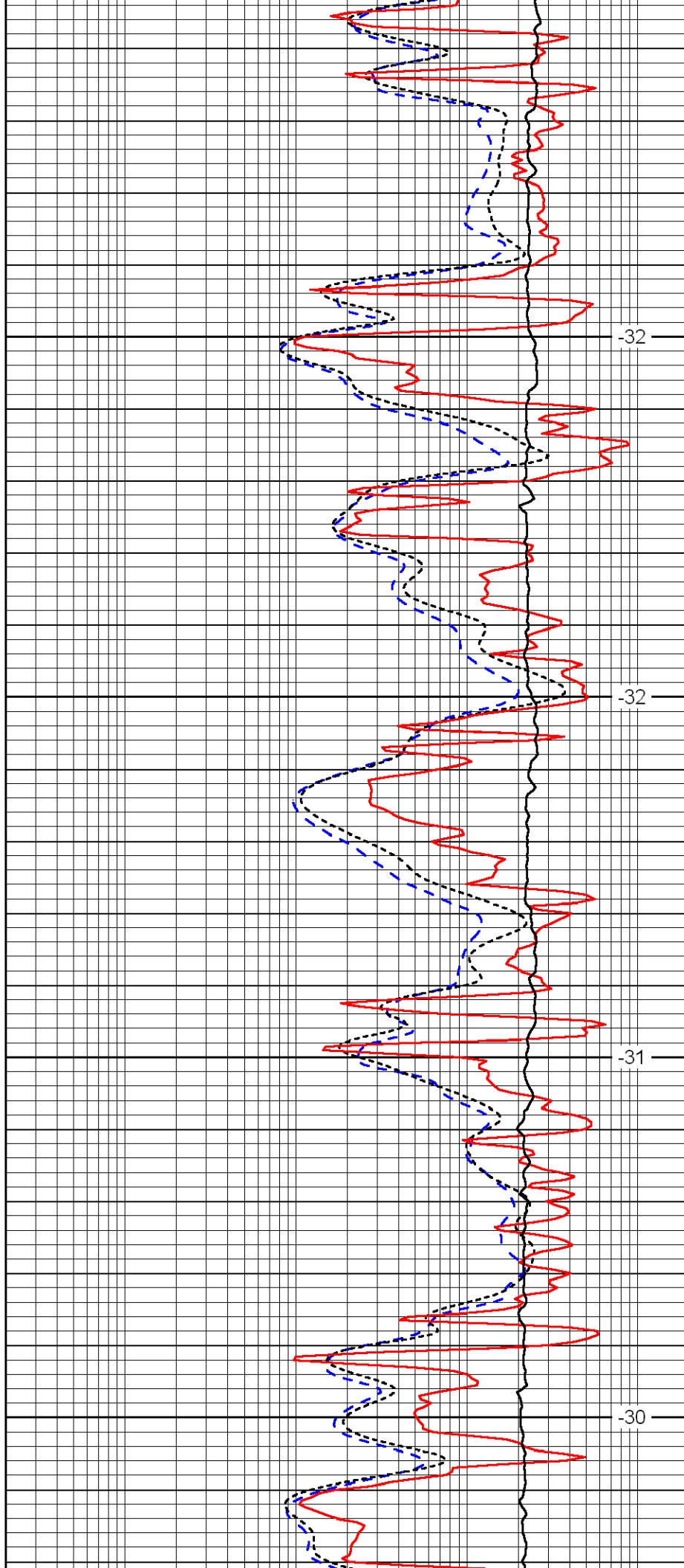


4200

4250

4300

4350

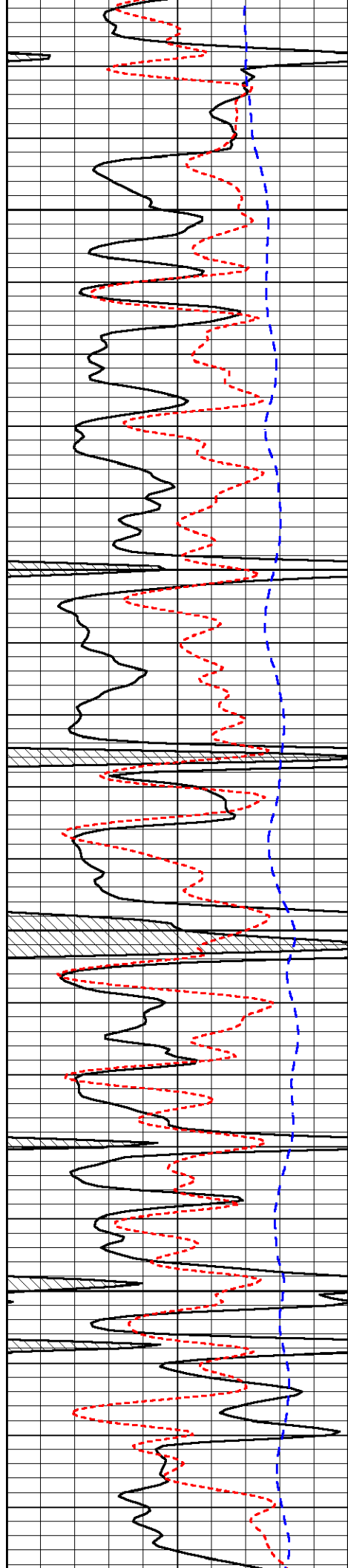


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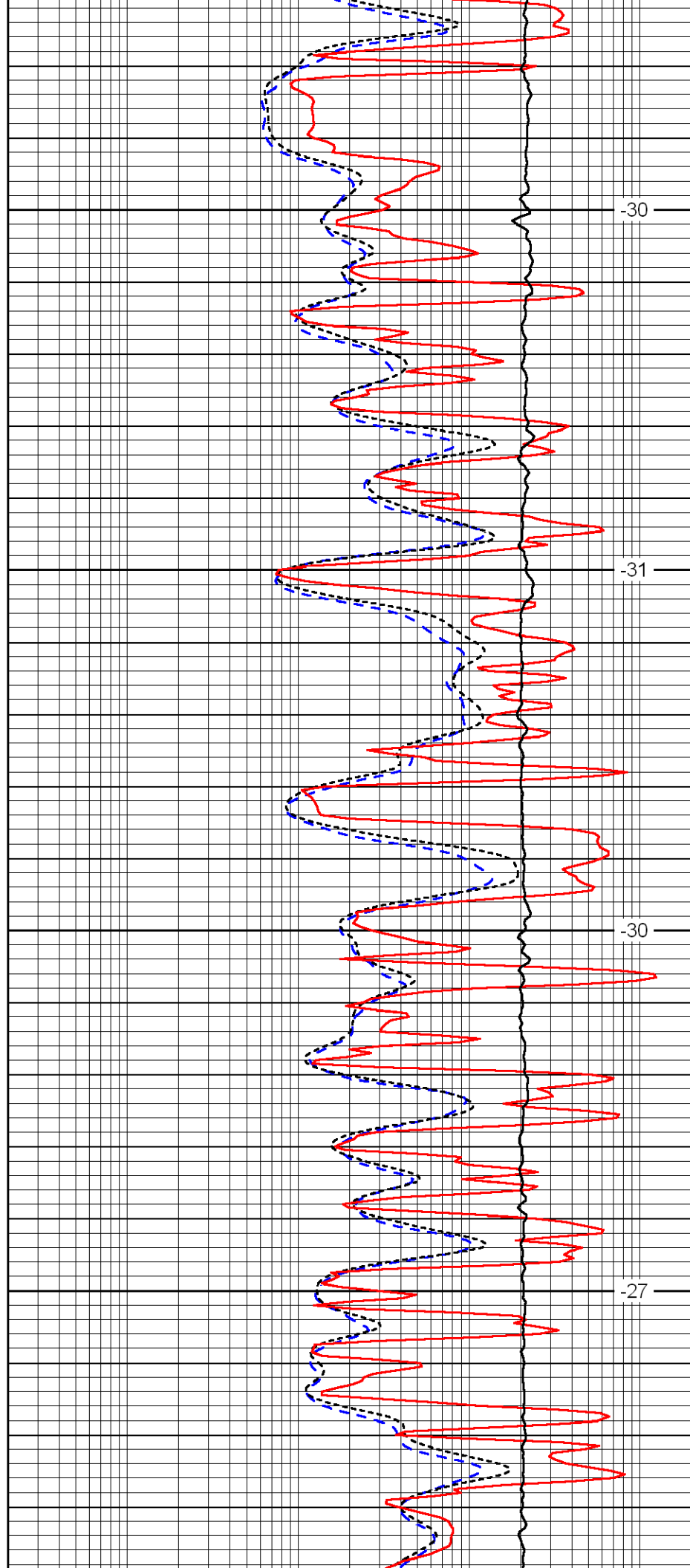


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4500

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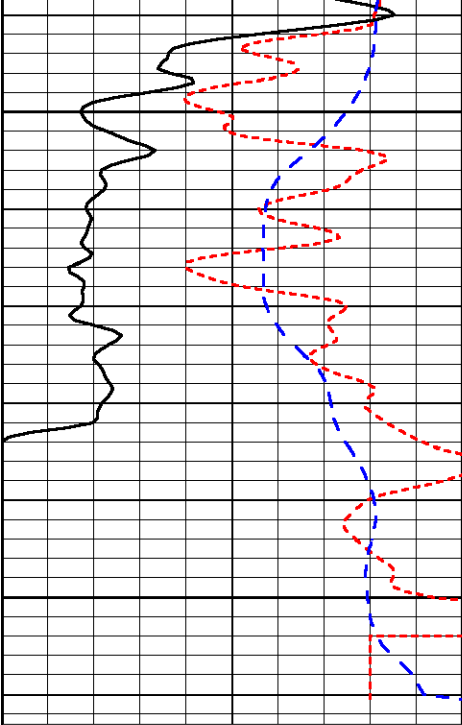


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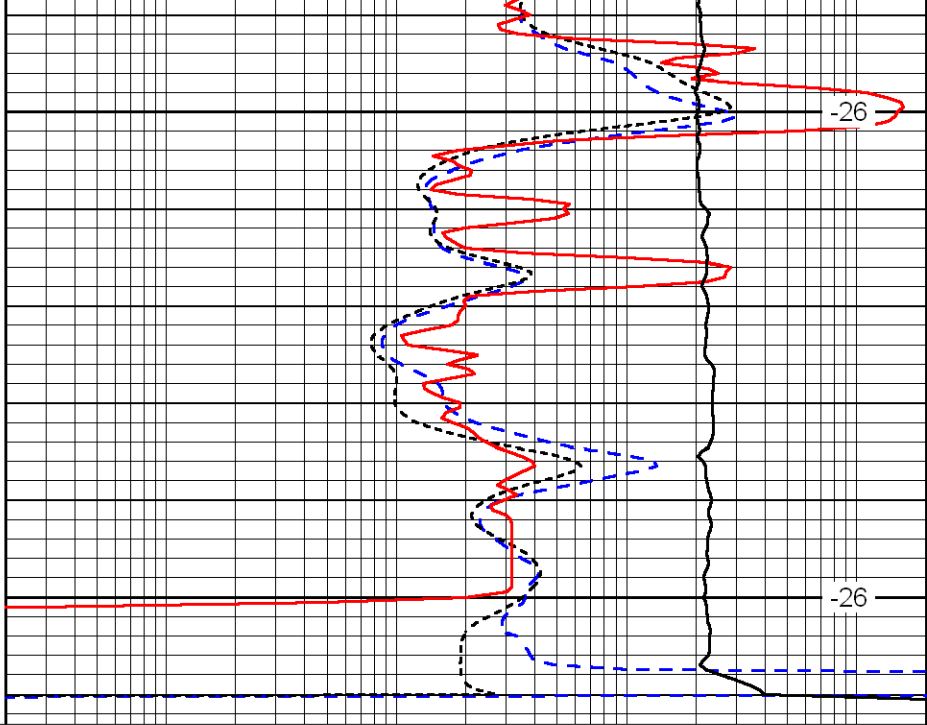
-27



4600

4650

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



-26

-26

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

LSPD