



Pioneer Energy Services

Dual Induction Log

API No.

15-047-21,645-00-00

Company Toto Energy, LLC

Well Parker Over Here #2

Field Trousdale

County Edwards State

Kansas

Location

2715' FSL & 660' FWL

Other Services
CNL/CDL
MEL

Sec: 22

Twp: 26S

Rge: 16W

Elevation

Permanent Datum Ground Level Elevation 2087
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly BushingK.B. 2097
D.F.
G.L. 2087

Date

11/17/2014

Run Number

One

Depth Driller

4699

Depth Logger

4704

Bottom Logged Interval

4703

Top Log Interval

350

Casing Driller

8.625 @ 392

Casing Logger

395

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4100

Density / Viscosity

9.3

53

pH / Fluid Loss

10.5

8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.44 @ 46

Rmf @ Meas. Temp

0.33 @ 46

Rmc @ Meas. Temp

0.59 @ 46

Source of Rmf / Rmc

Charts

Rm @ BHT

0.16 @ 123

Operating Rig Time

4 Hours

Max Rec. Temp. F

123

Equipment Number

15

Location

Hays

Recorded By

D.Kerr

Witnessed By

Sonia McDanel

<<< 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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(785) 625-3858

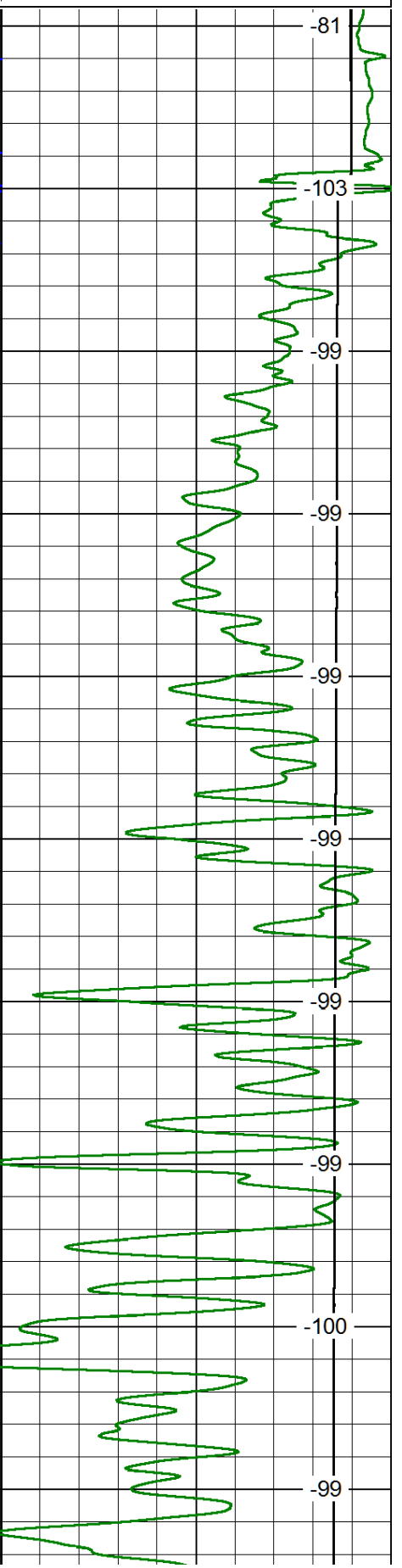
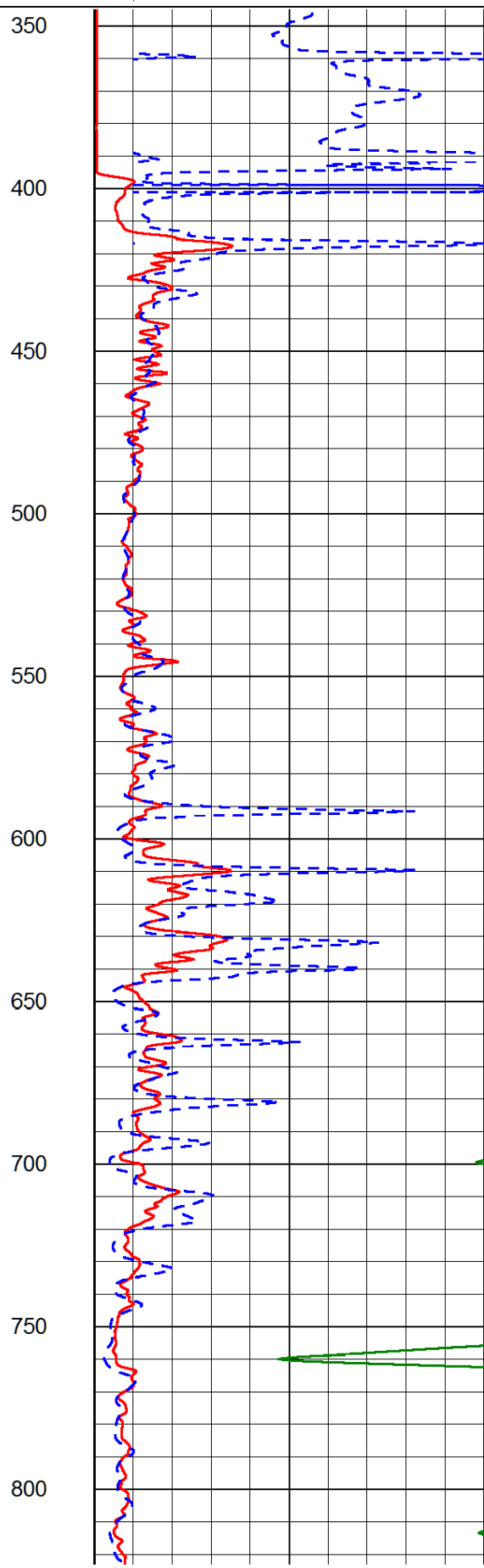
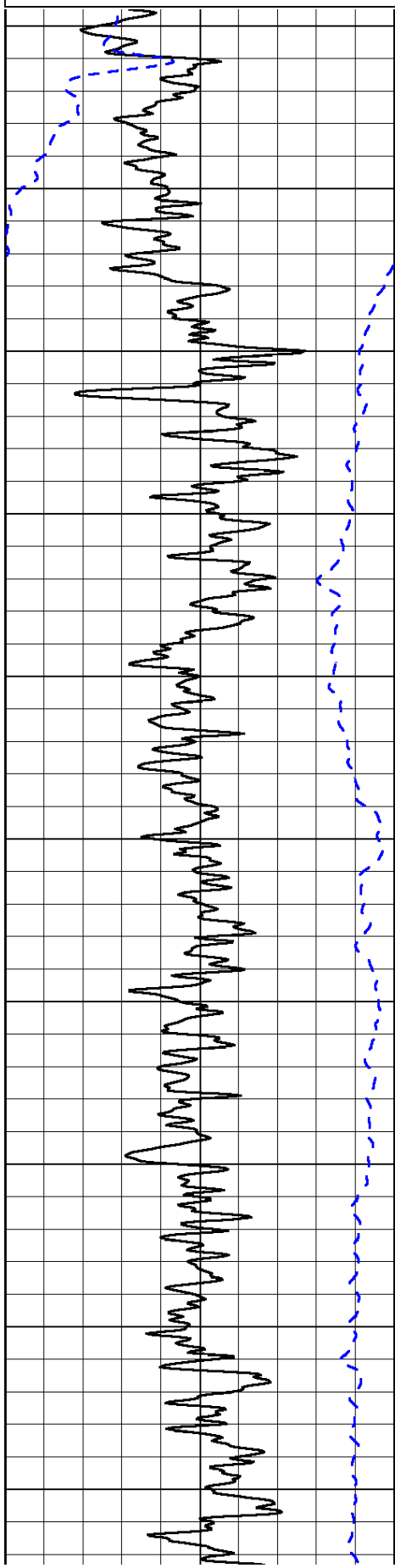
Trousdale KS, 1/2 South, 1 East, 1 South, 1/2 East to Tanks,
1/2 South, 3/4 East, 1/2 South, East and South Into

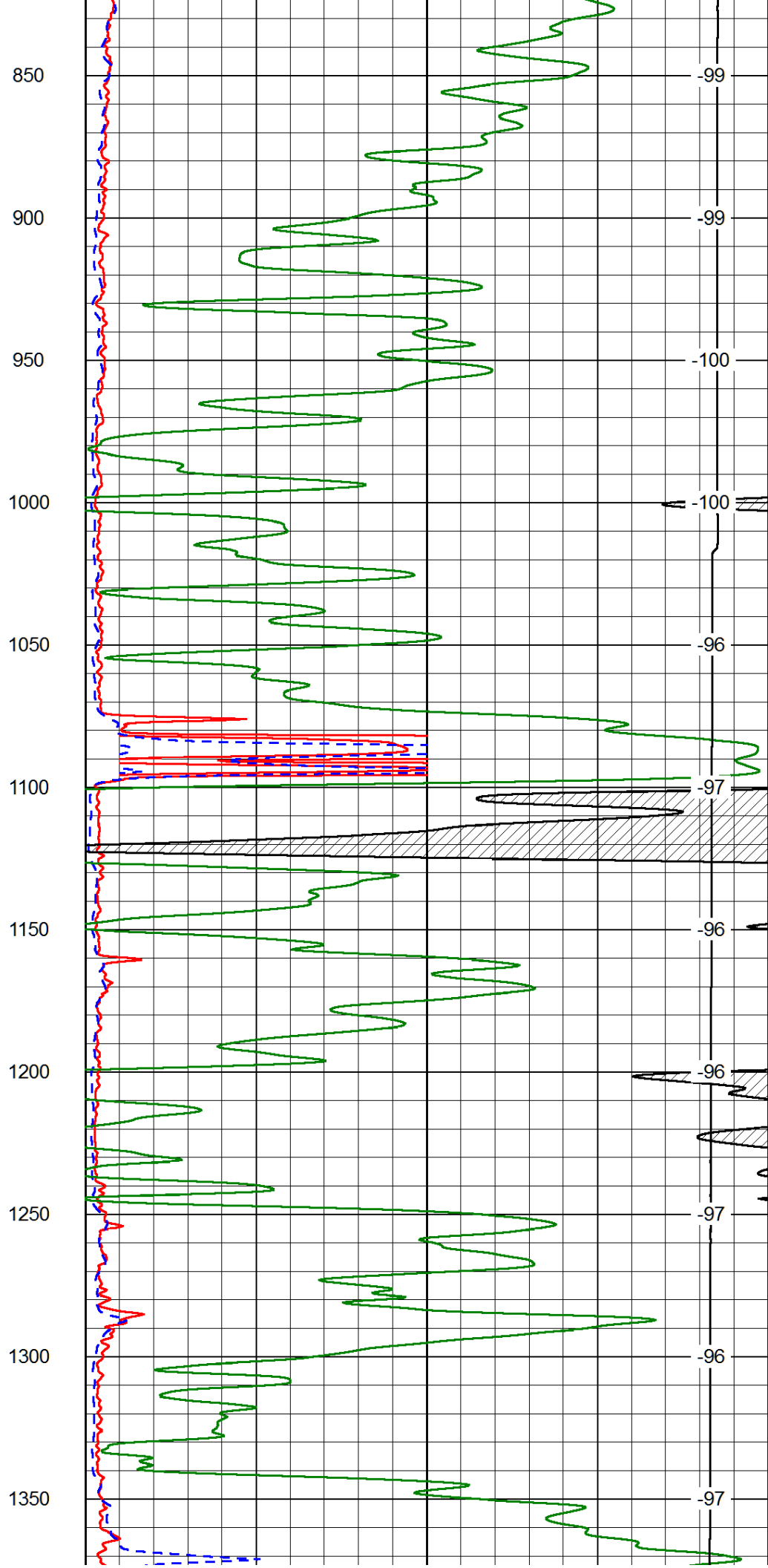
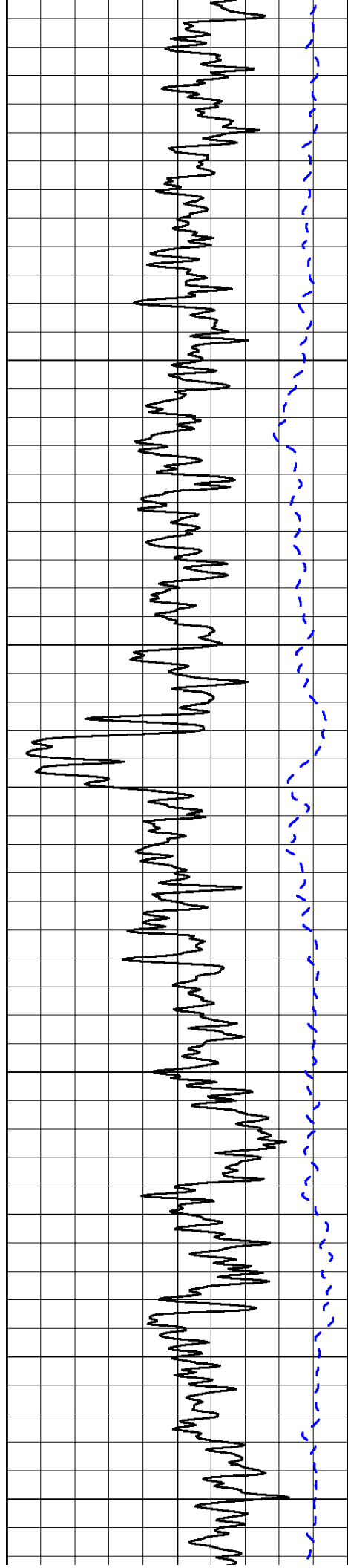
Database File: toto_parkeroverhere_2hd.db
Dataset Pathname: DIL/totostk
Presentation Format: dil2in
Dataset Creation: Mon Nov 17 10:45:32 2014
Charted by: Depth in Feet scaled 1:600

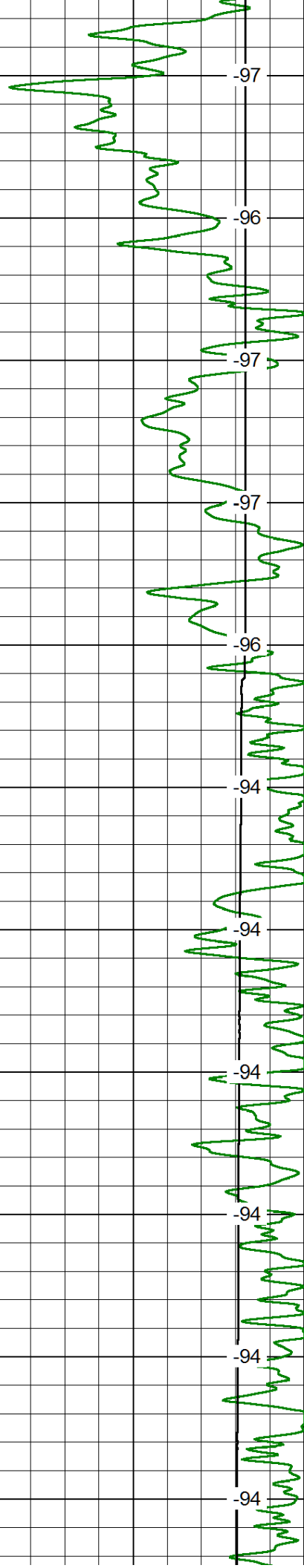
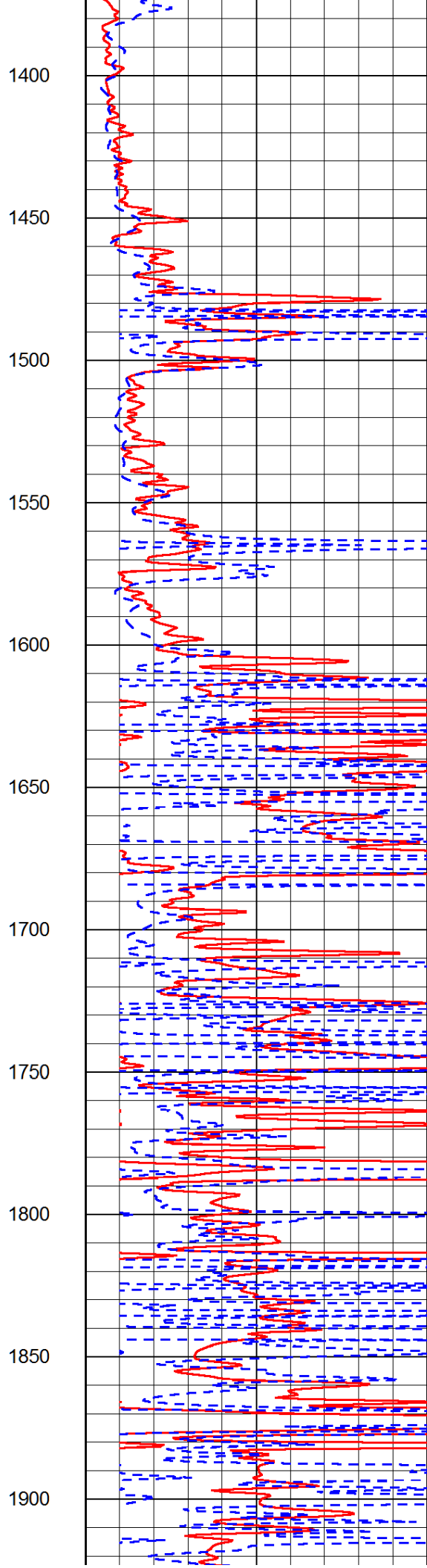
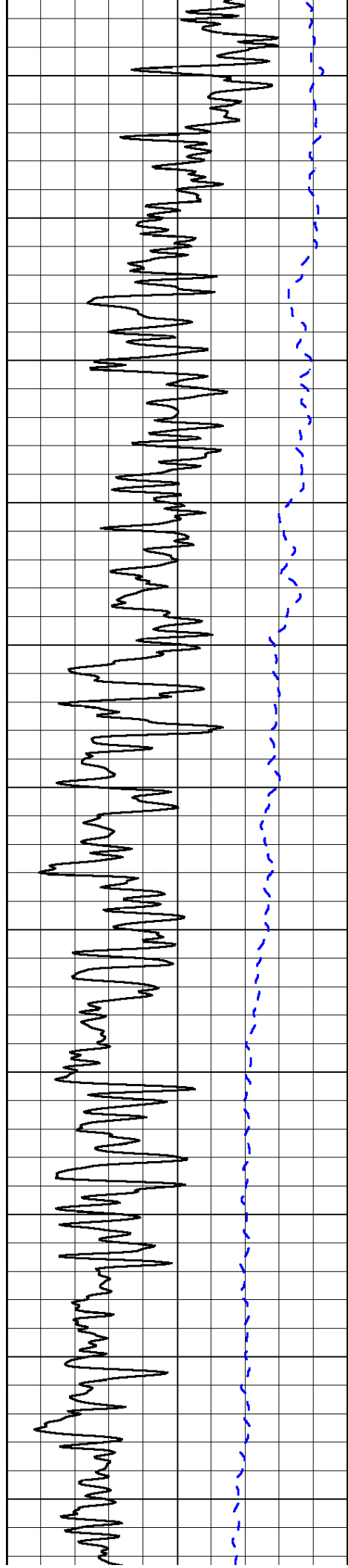
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-200	SP (mV)	0

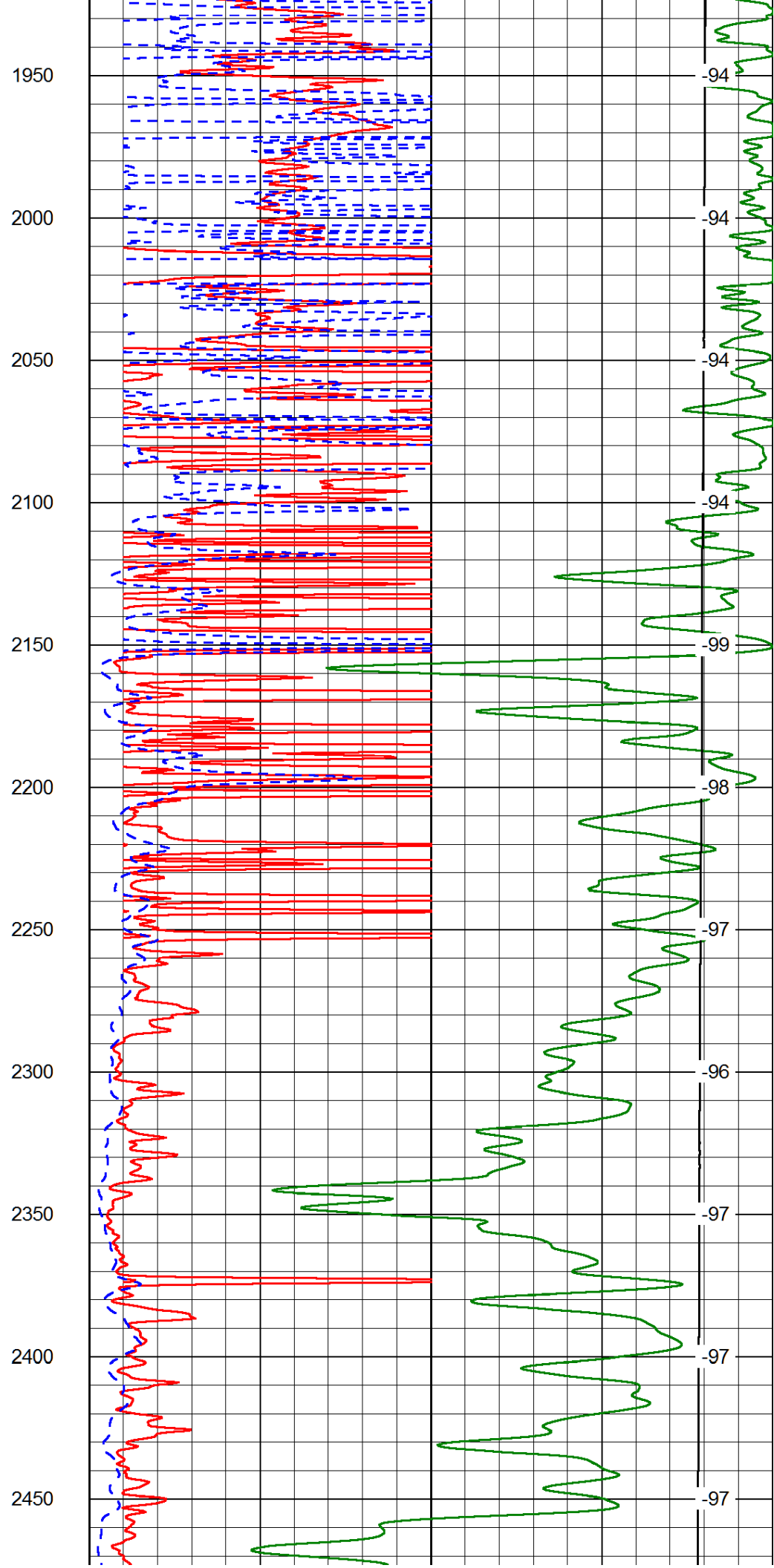
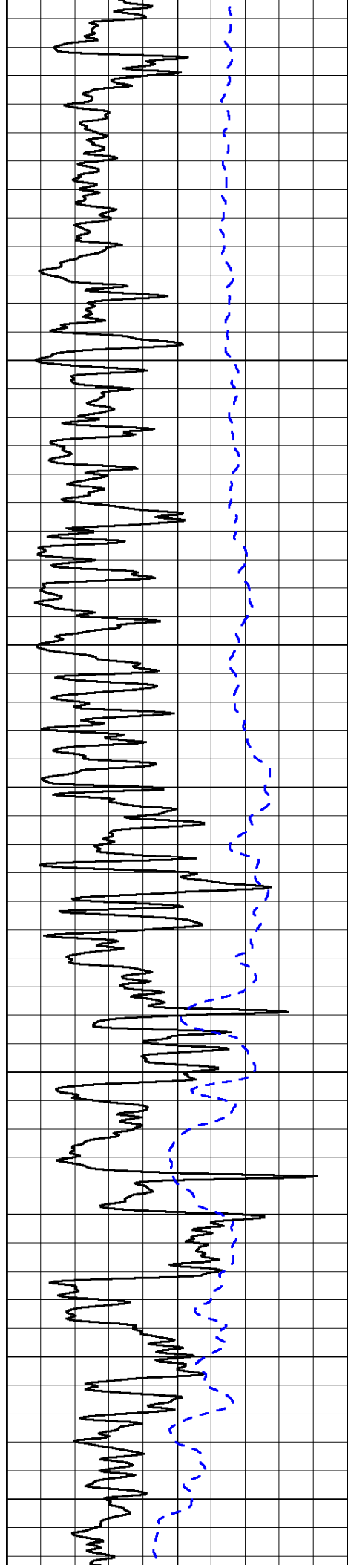
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

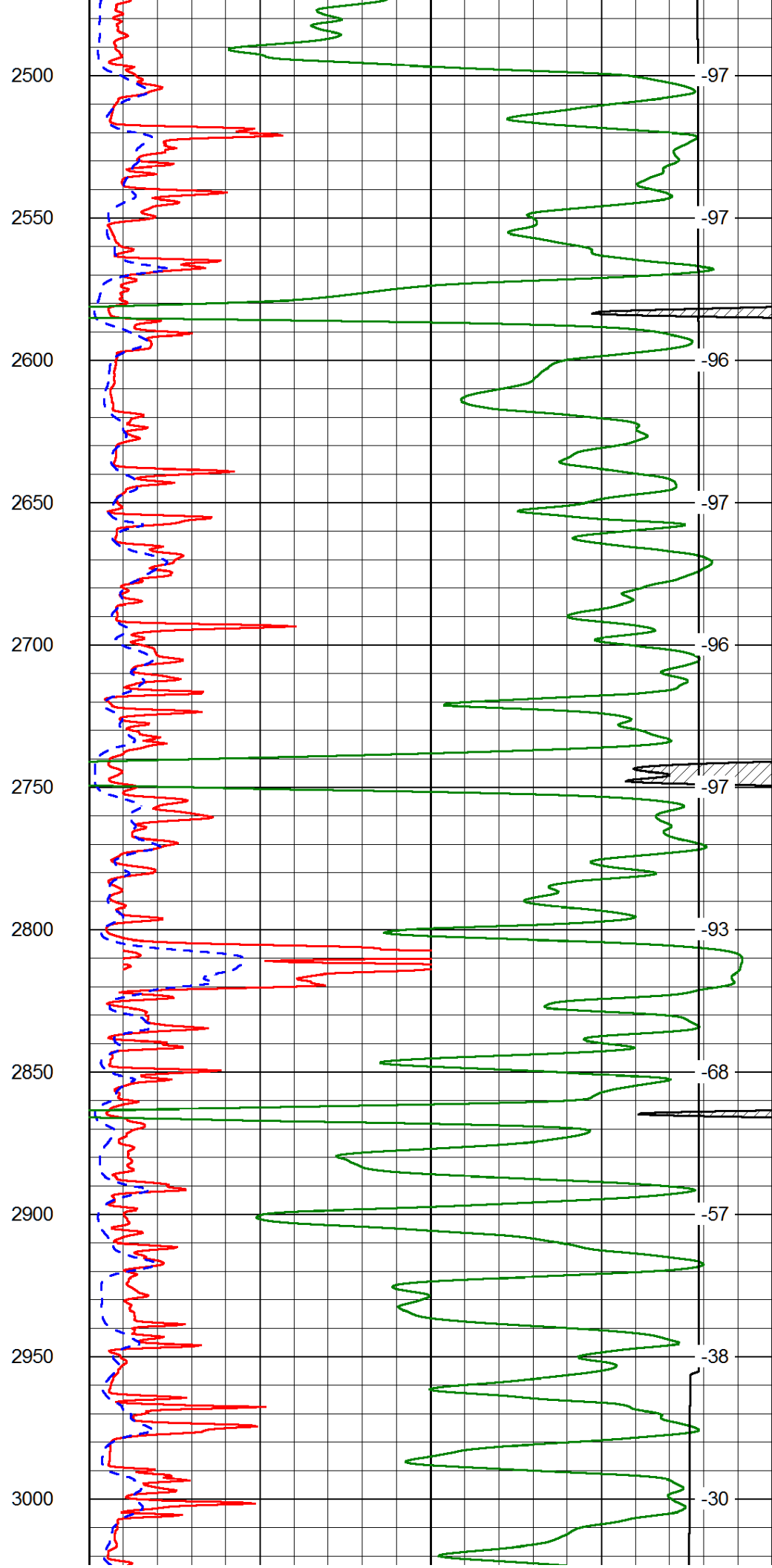
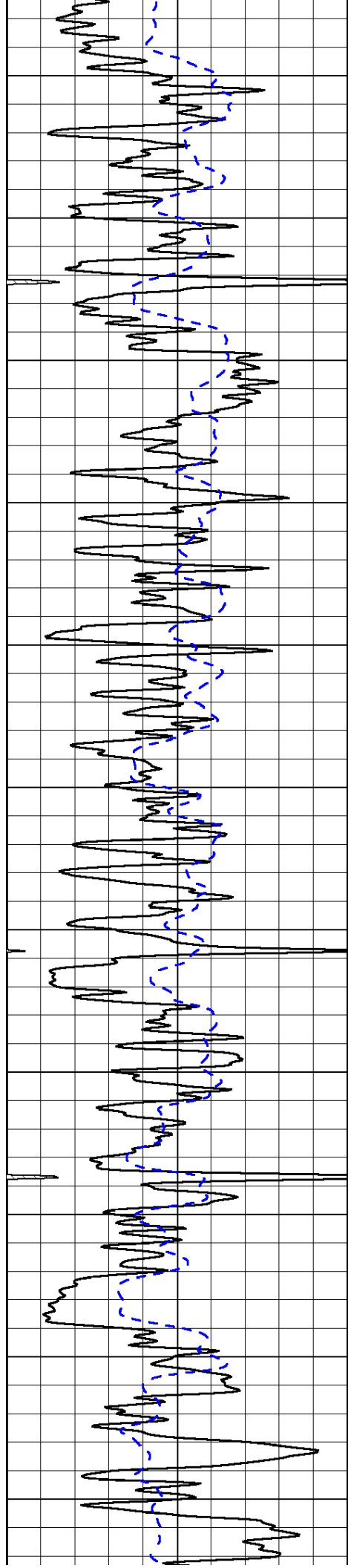
LSPD

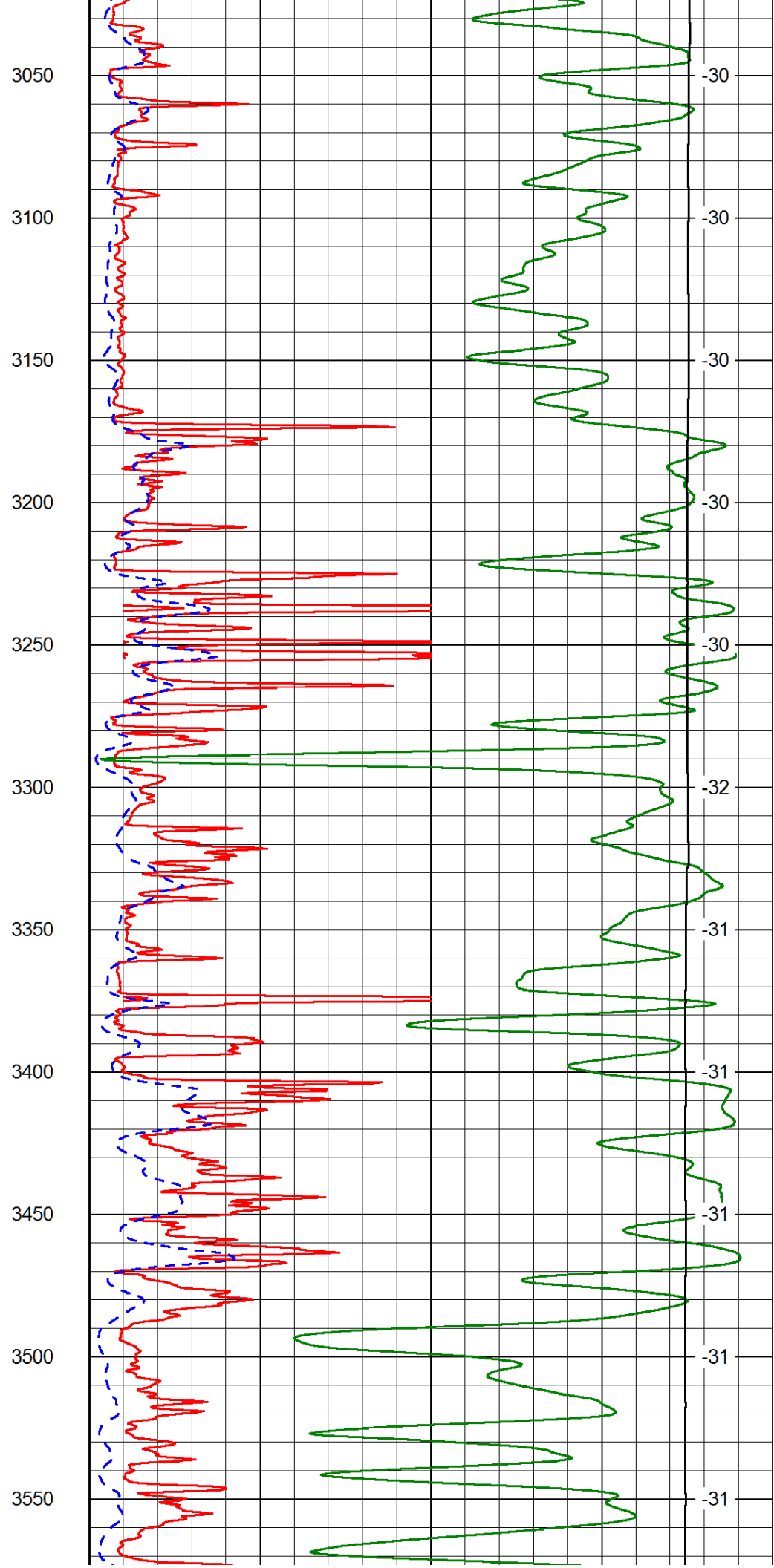
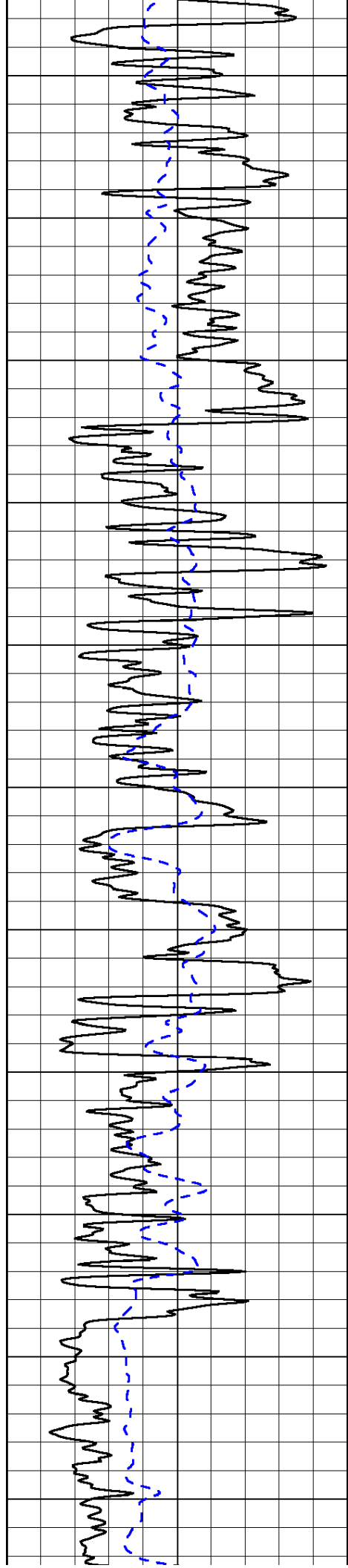


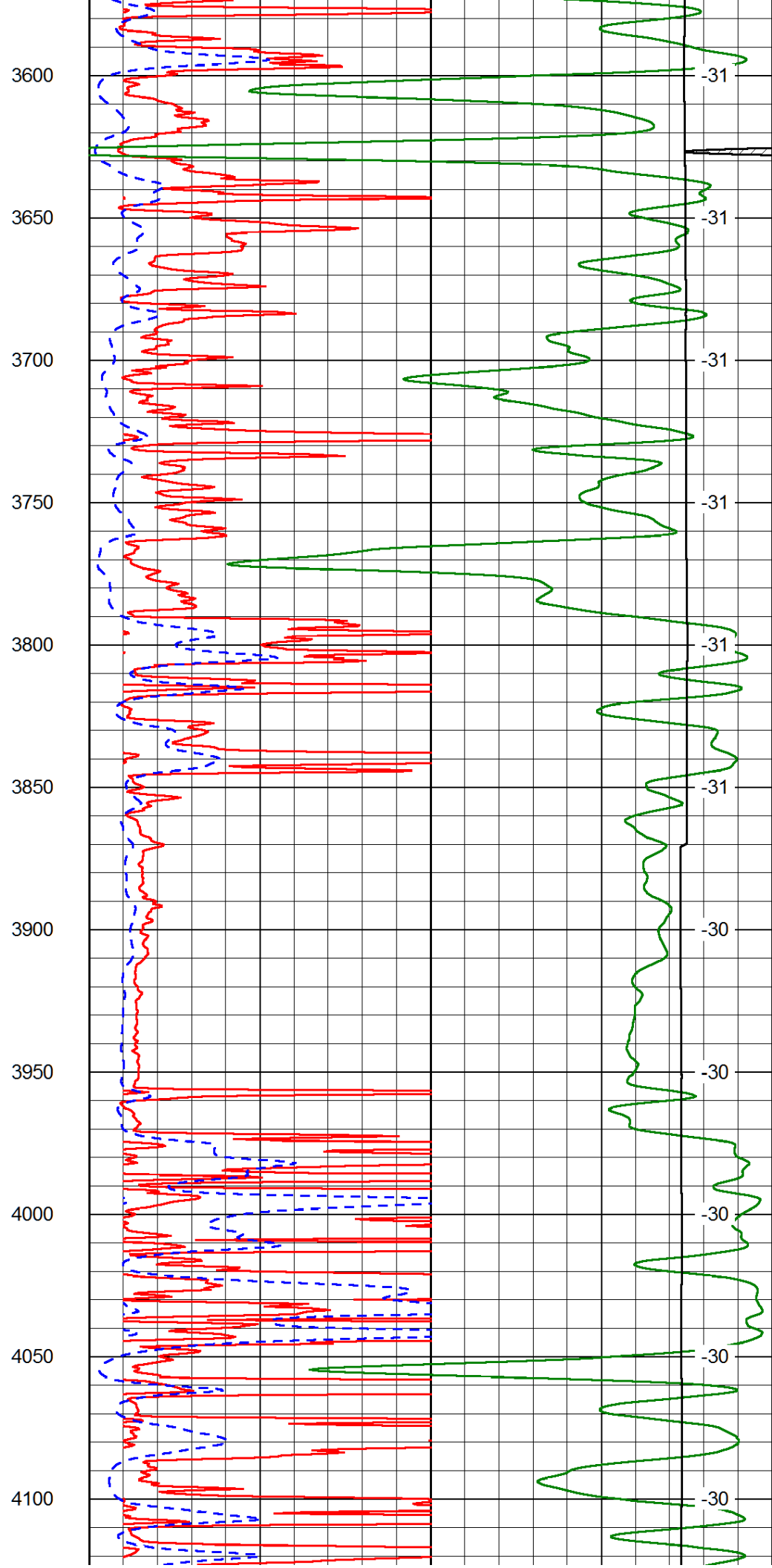
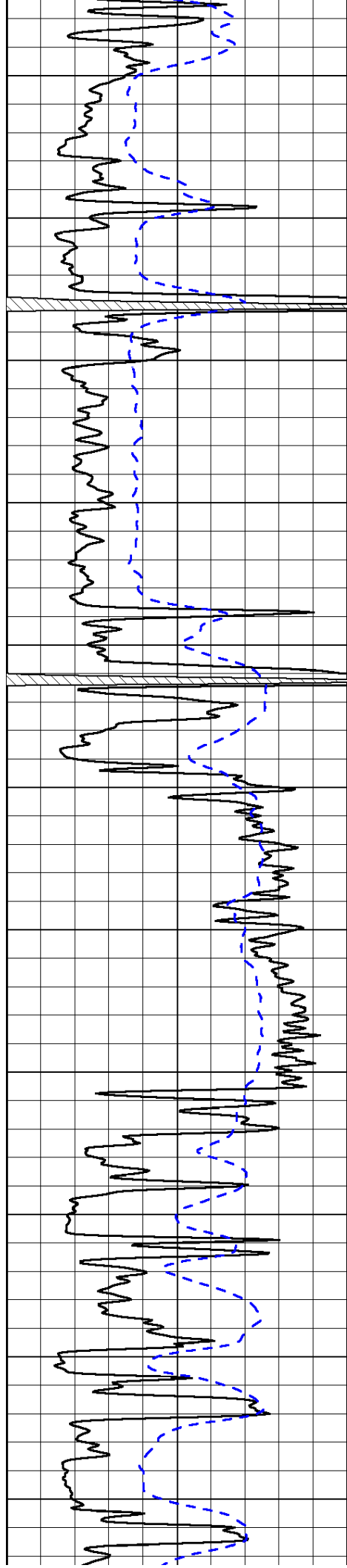


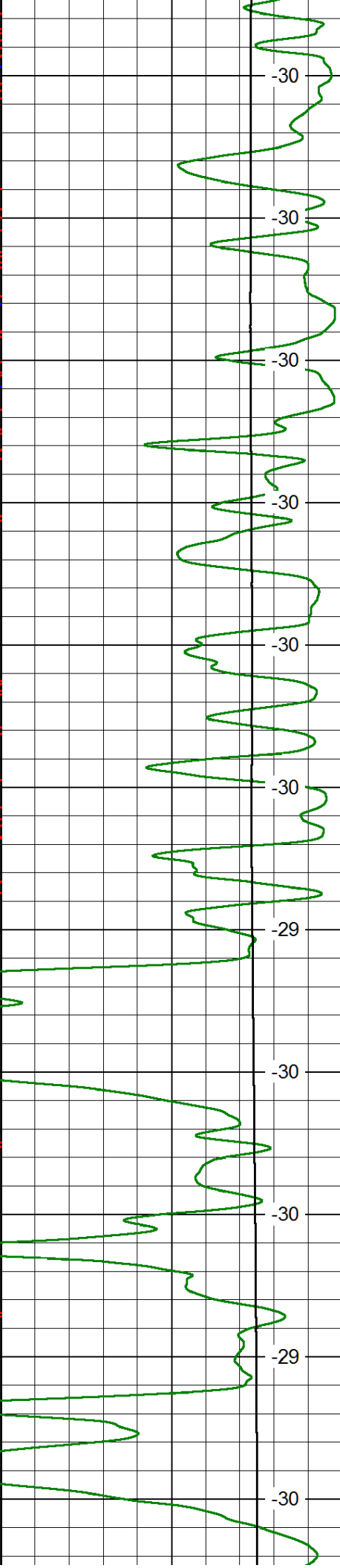
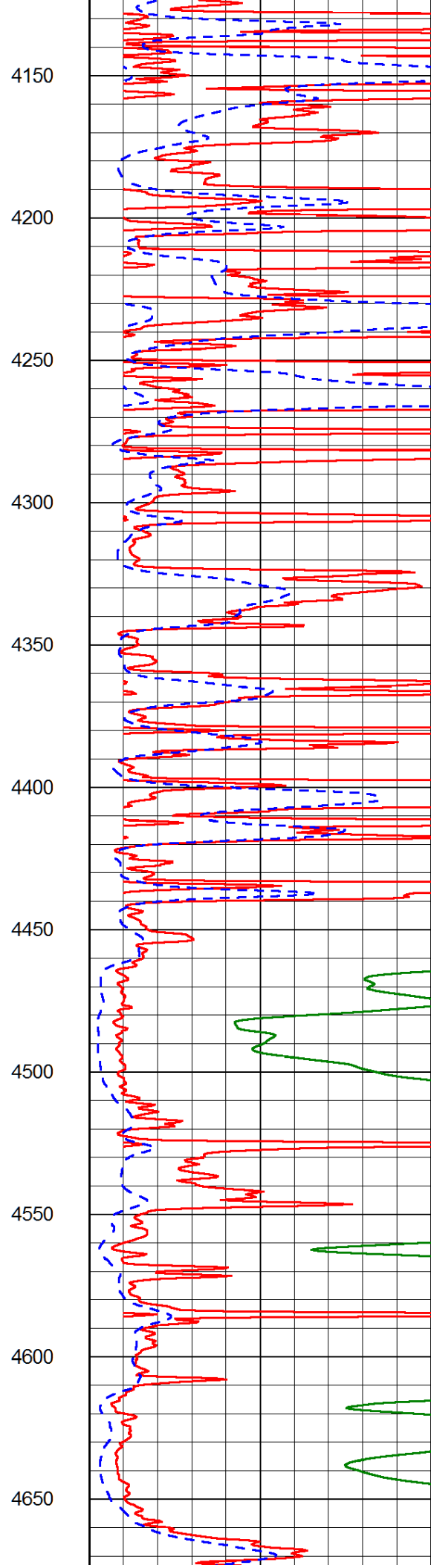
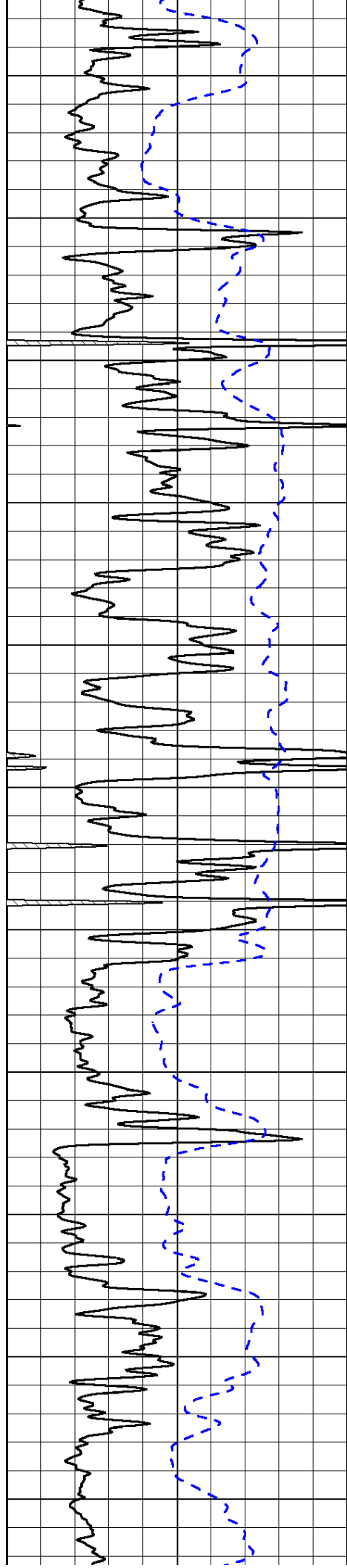


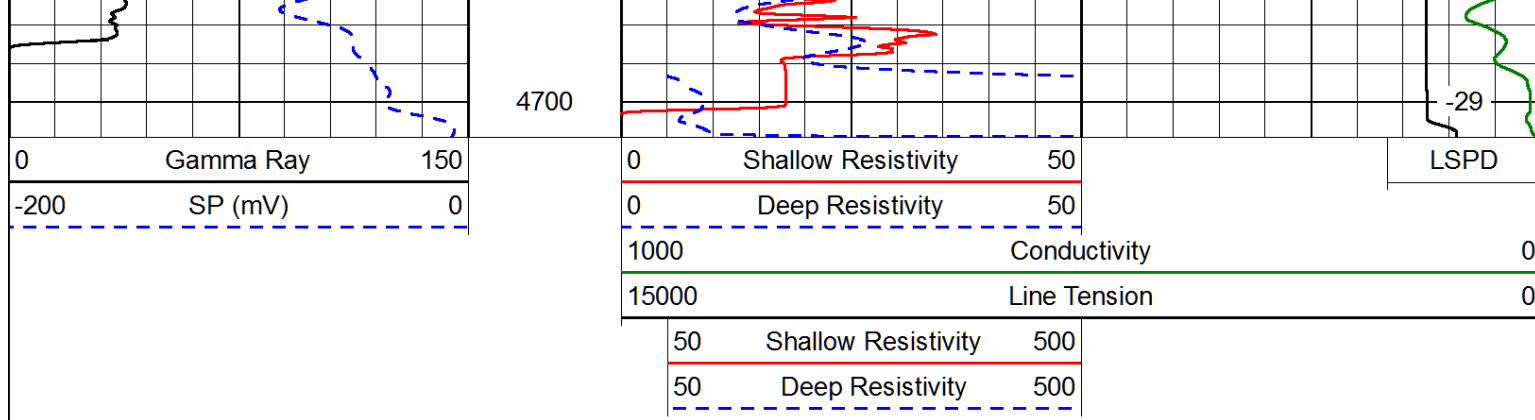




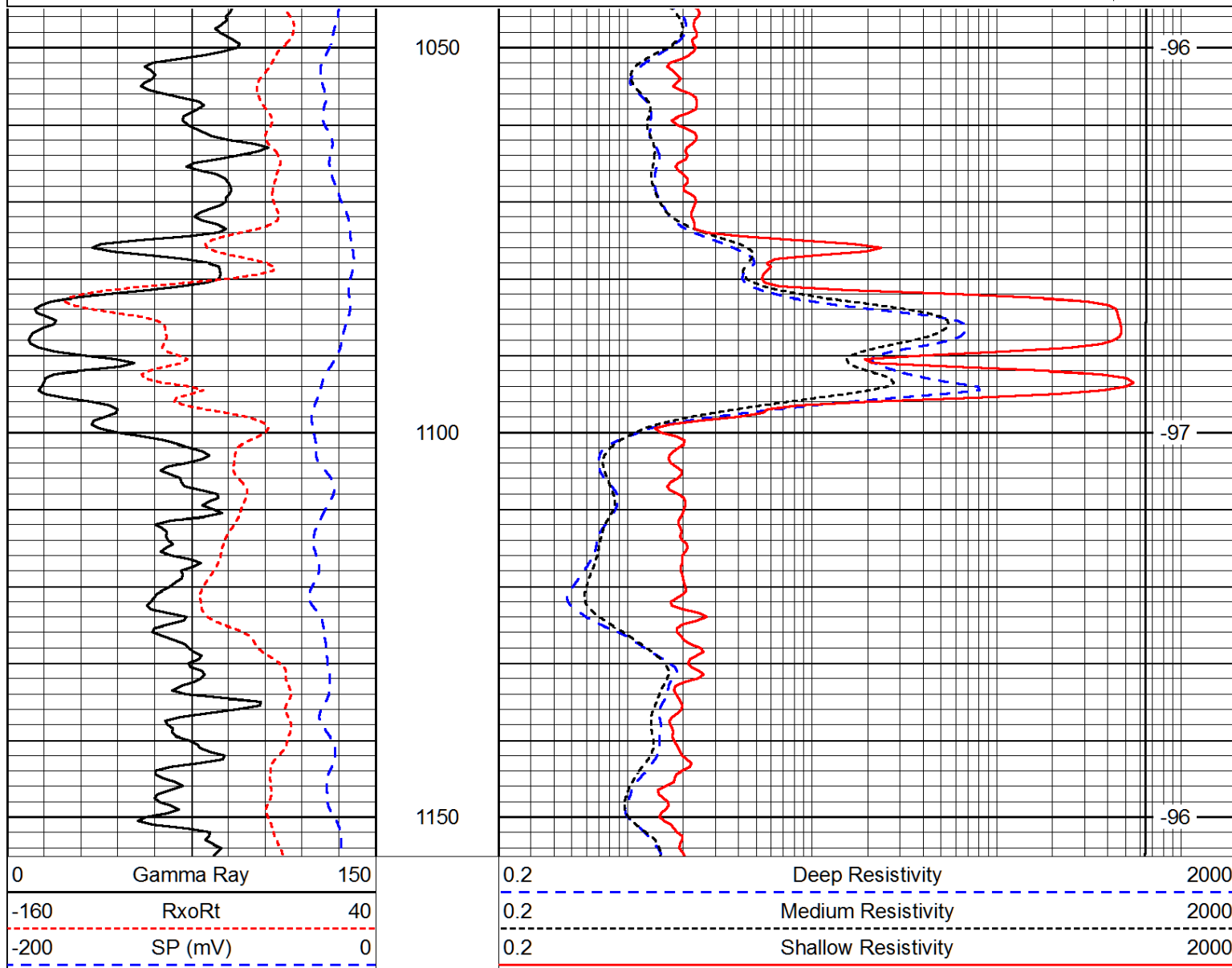
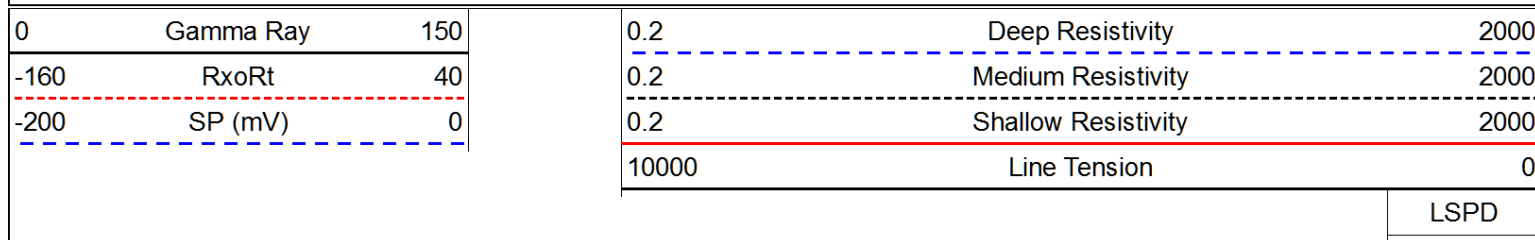








Database File: toto_parkeroverhere_2hd.db
Dataset Pathname: DIL/totostk
Presentation Format: dil
Dataset Creation: Mon Nov 17 10:45:32 2014
Charted by: Depth in Feet scaled 1:240



Database File:

toto_parkeroverhere_2hd.db

Dataset Pathname:

DIL/totostk

Presentation Format:

dil

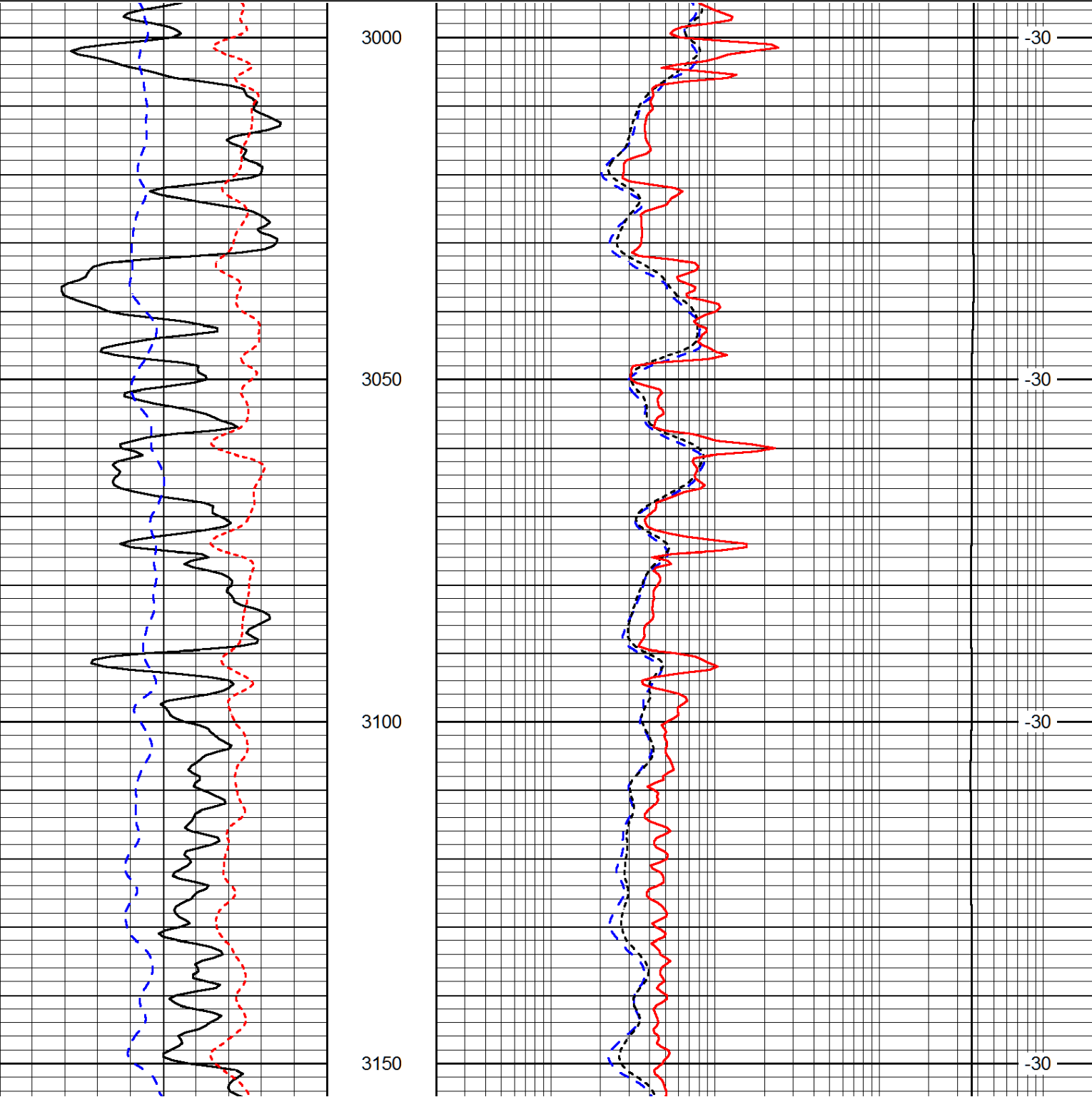
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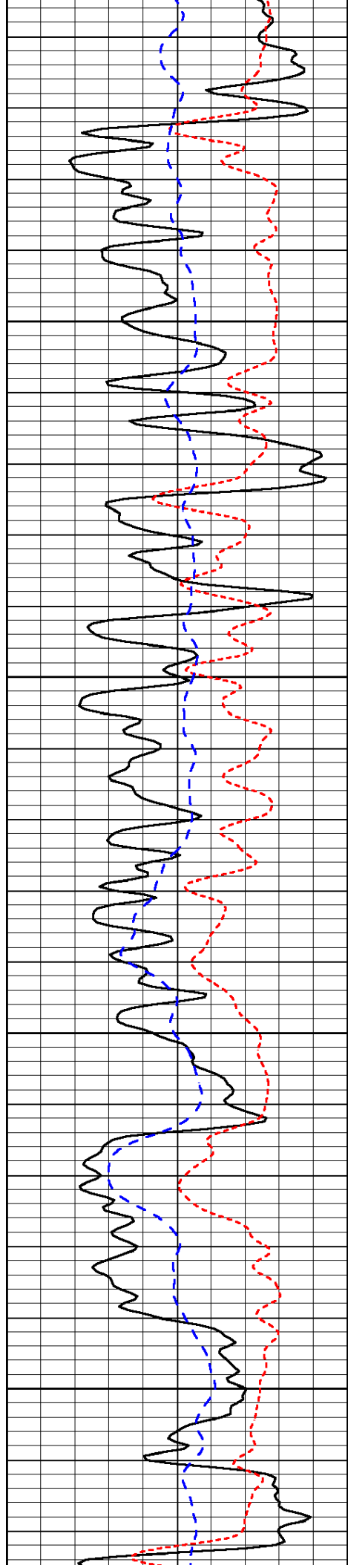
Mon Nov 17 10:45:32 2014

Charted by:

Depth in Feet scaled 1:240

0	Gamma Ray	150	0.2	Deep Resistivity	2000
-160	RxoRt	40	0.2	Medium Resistivity	2000
-200	SP (mV)	0	0.2	Shallow Resistivity	2000
			10000	Line Tension	0
					LSPD



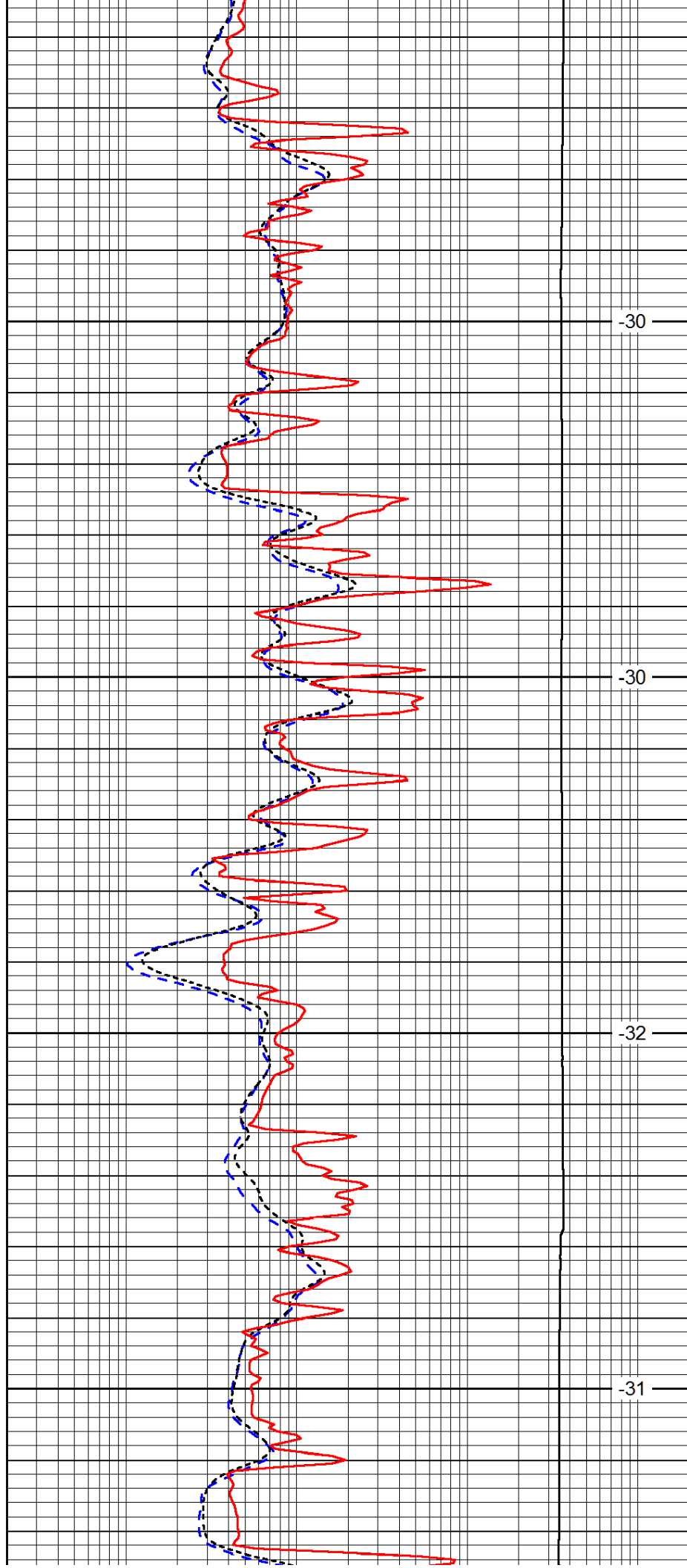


3200

3250

3300

3350

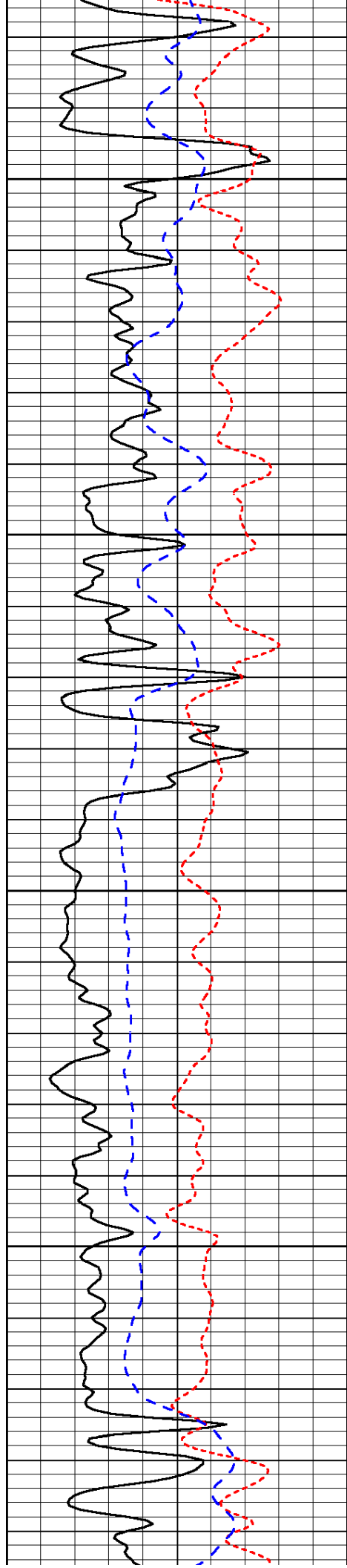


-30

-30

-32

-31

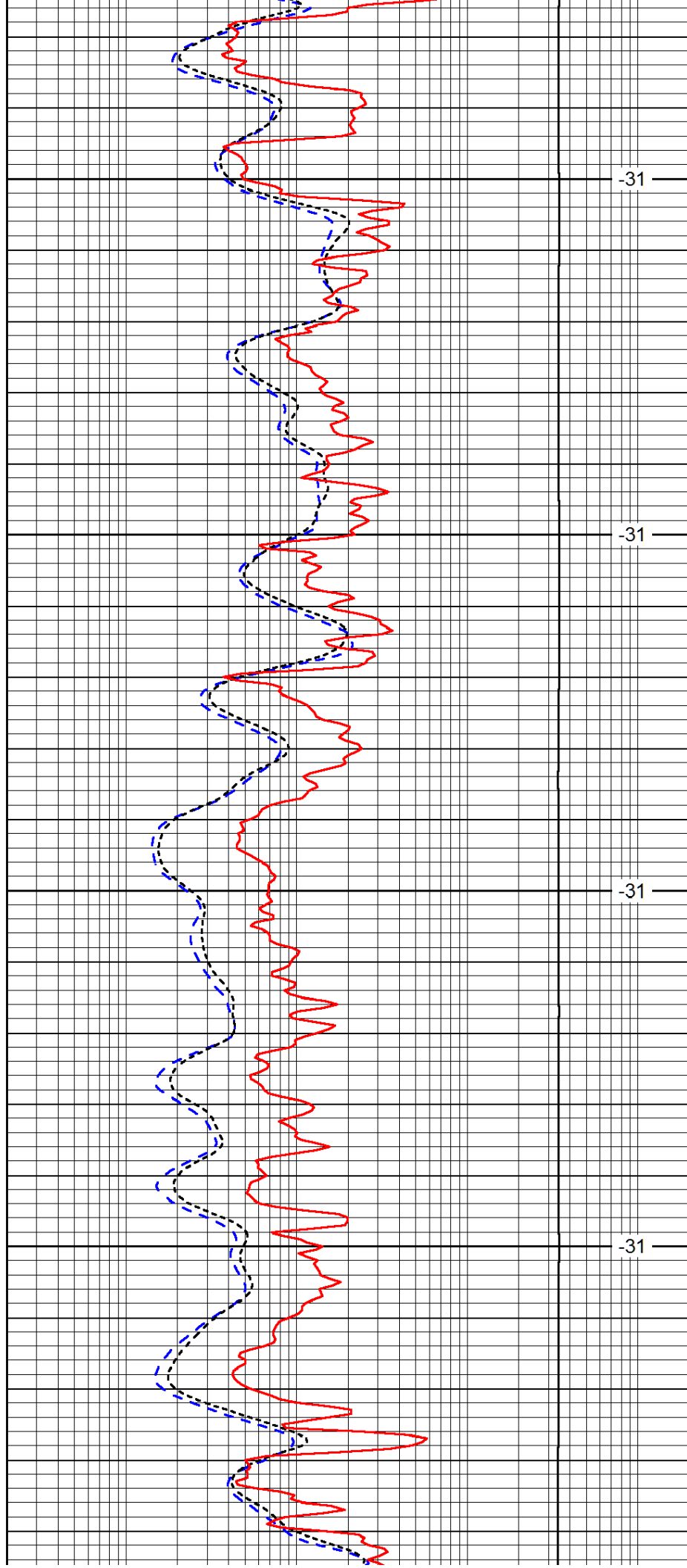


3400

3450

3500

3550

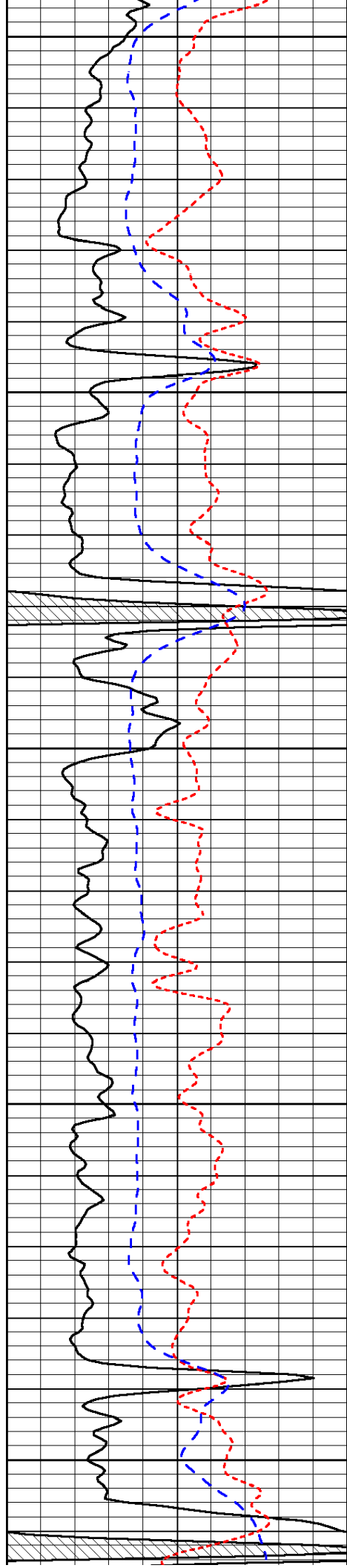


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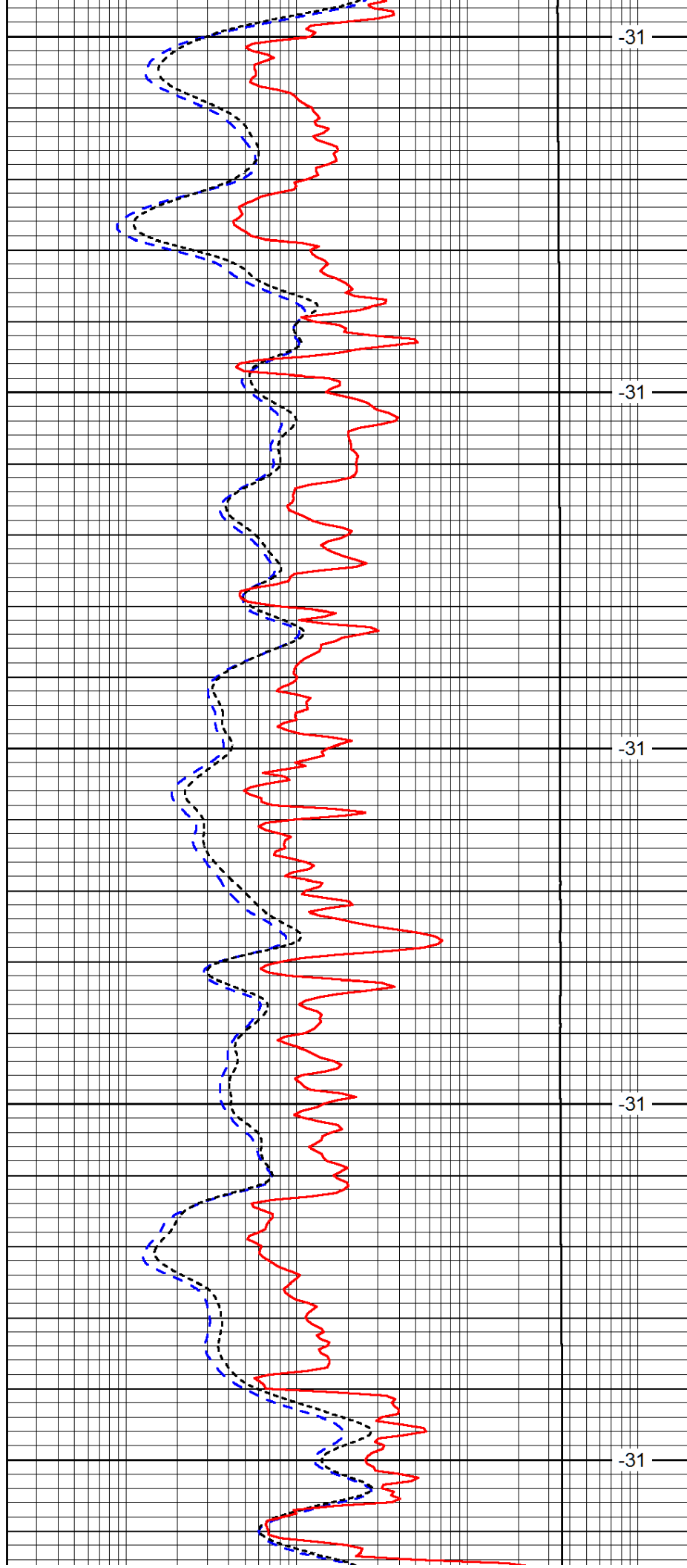
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3650

3700

3750

3800



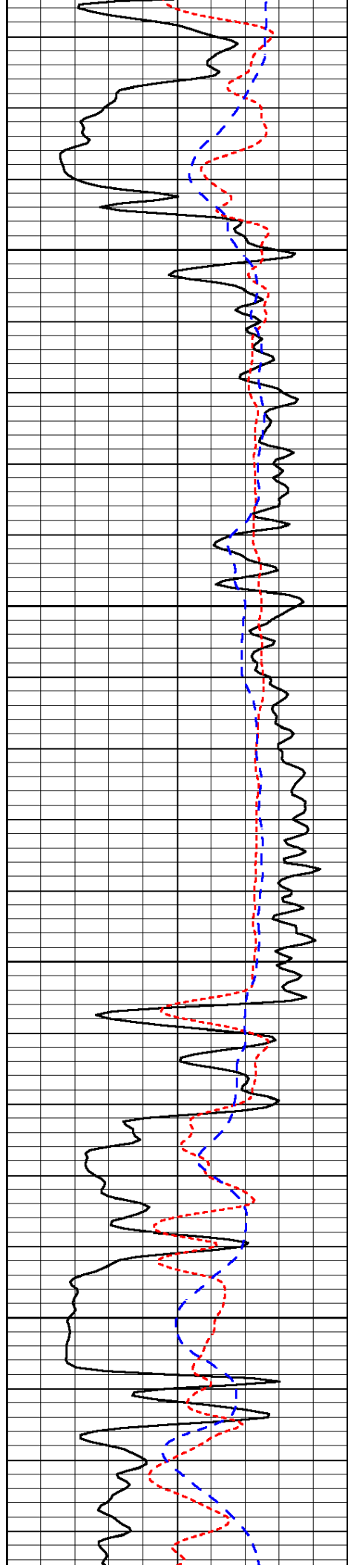
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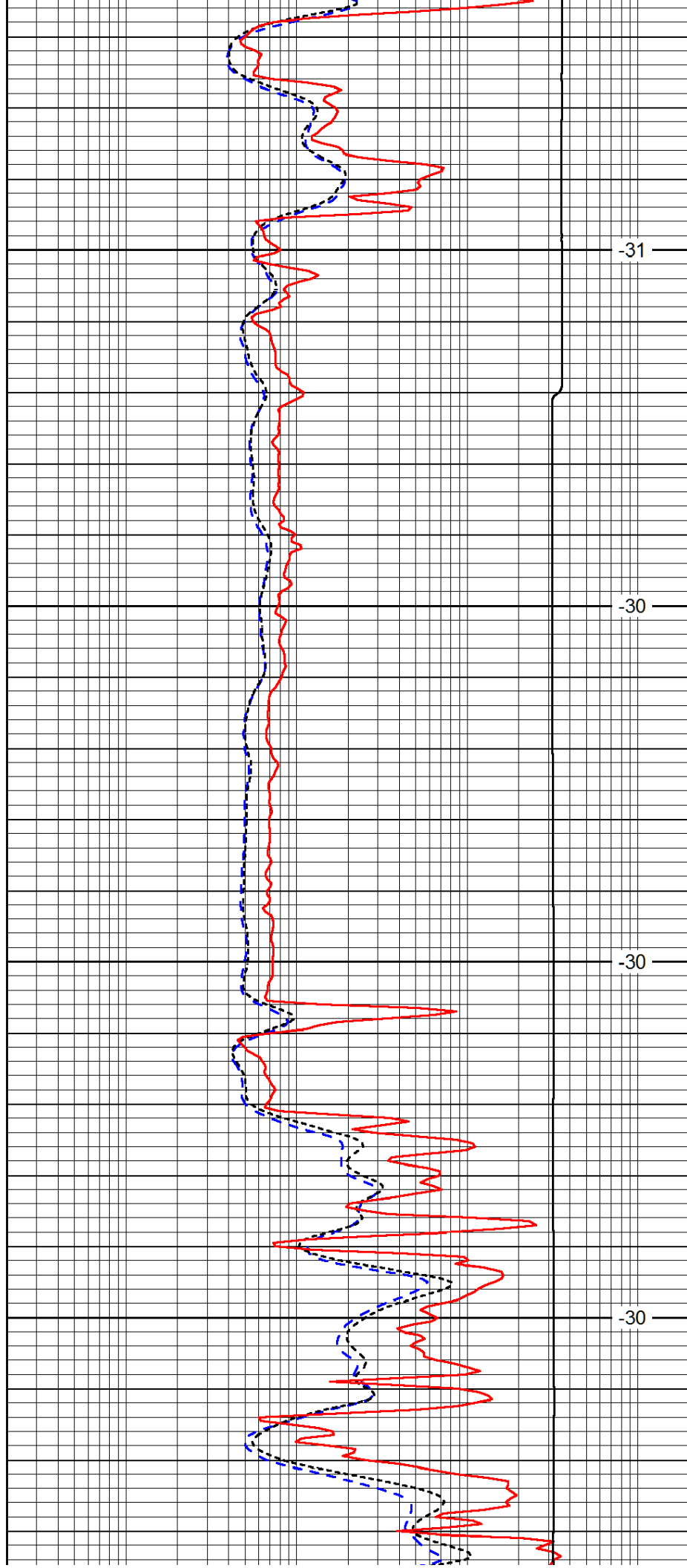


3850

3900

3950

4000

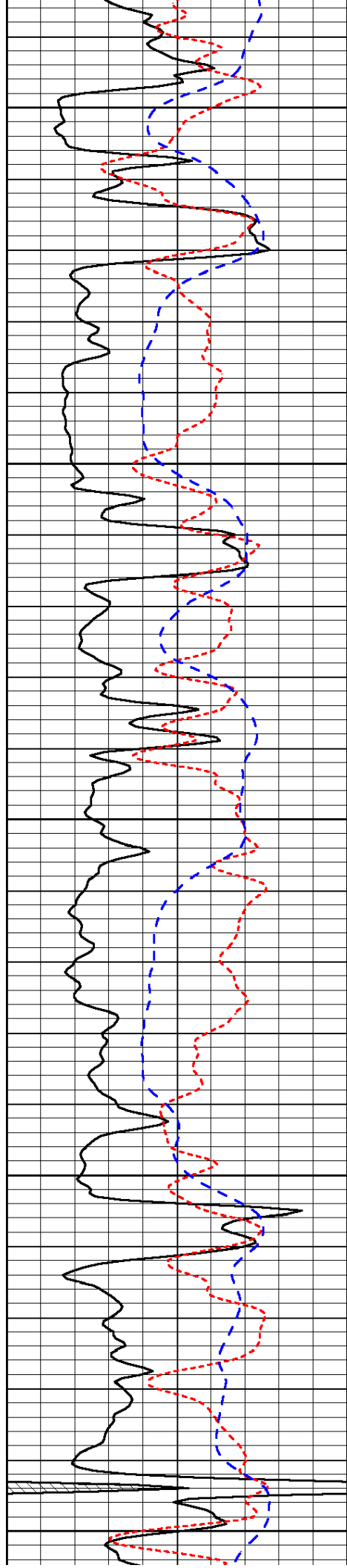


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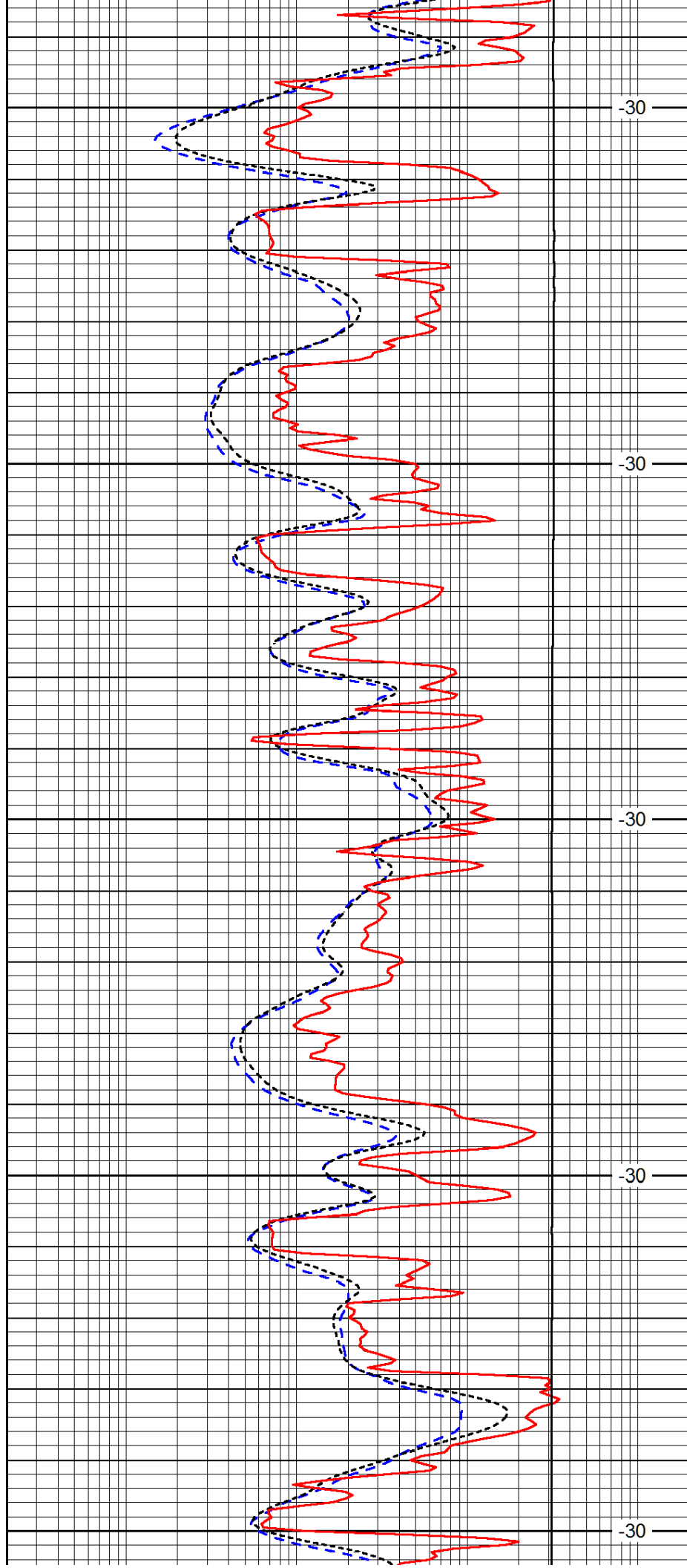
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4100

4150

4200

4250



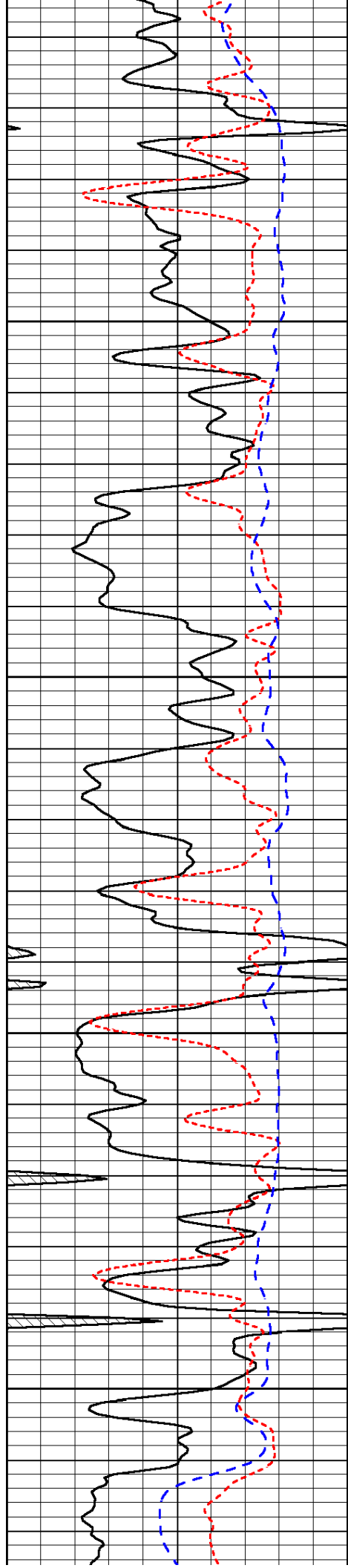
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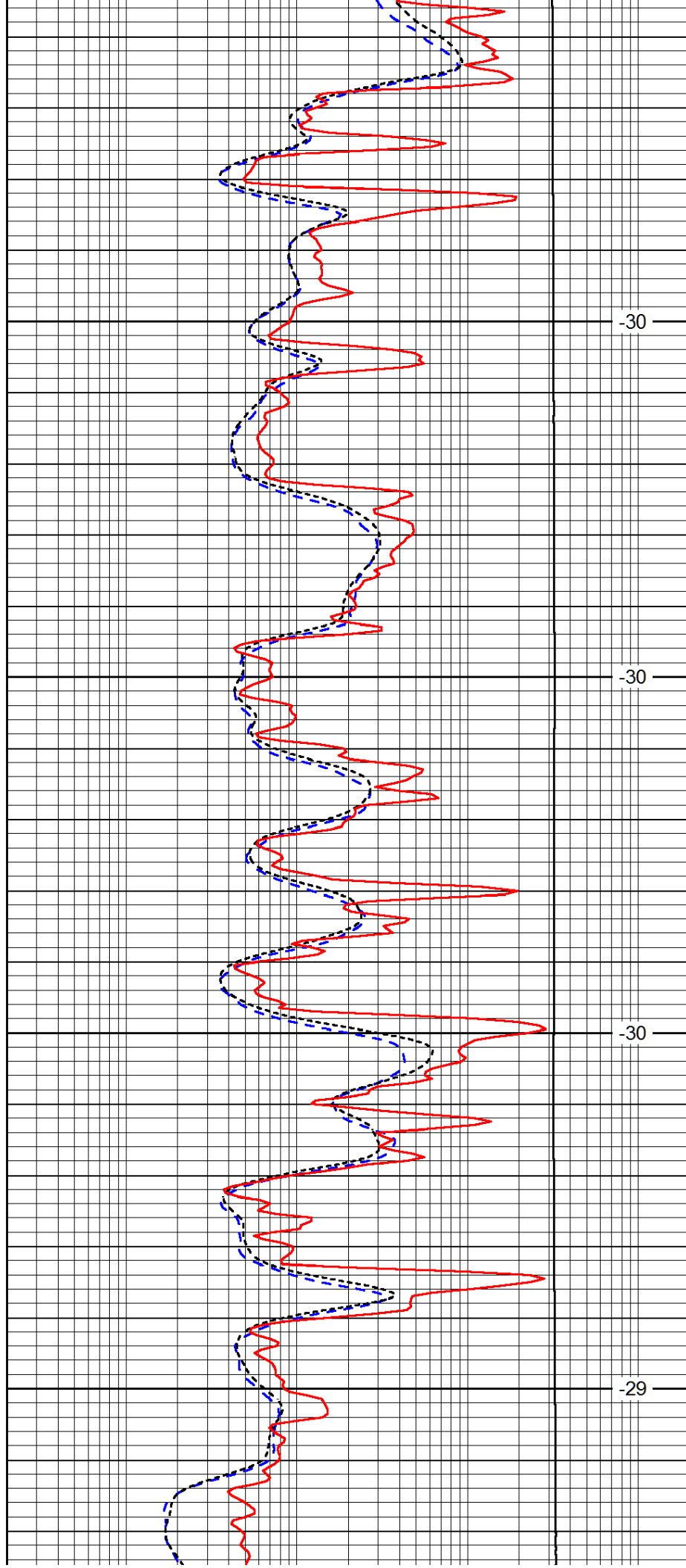


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4400

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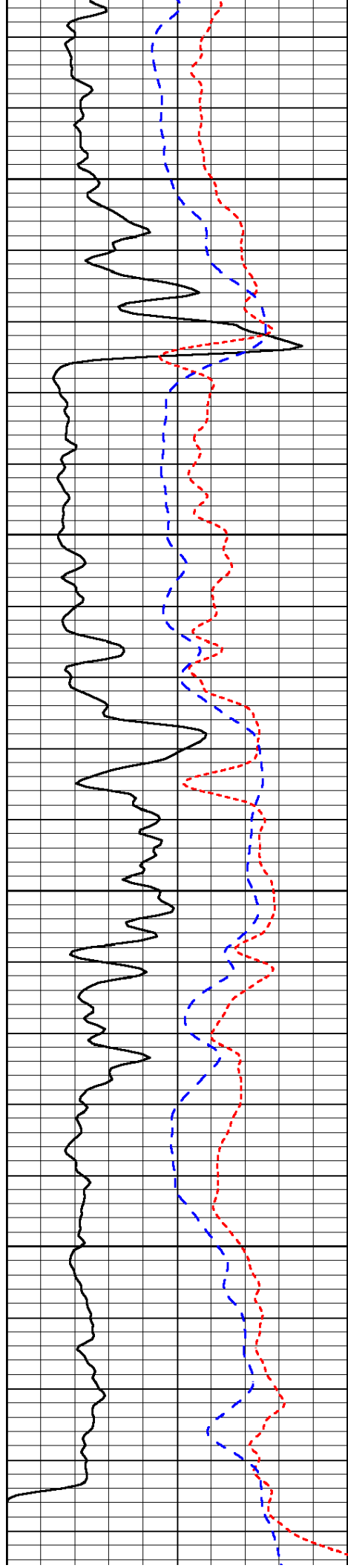


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-29

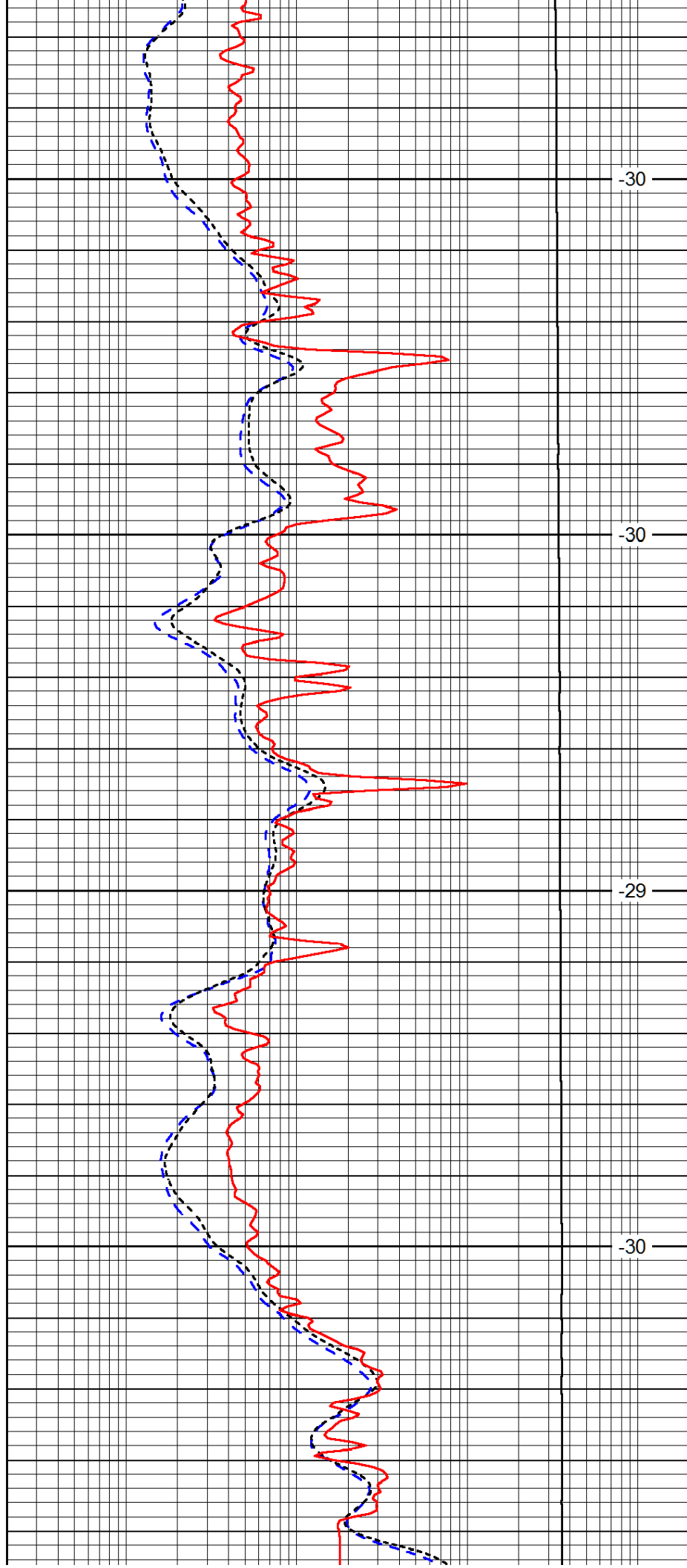


4500

4550

4600

4650

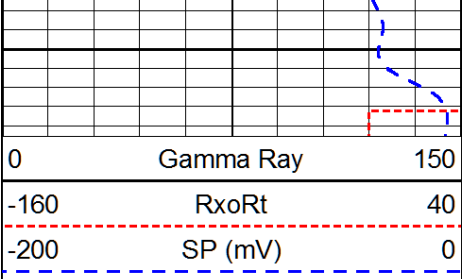


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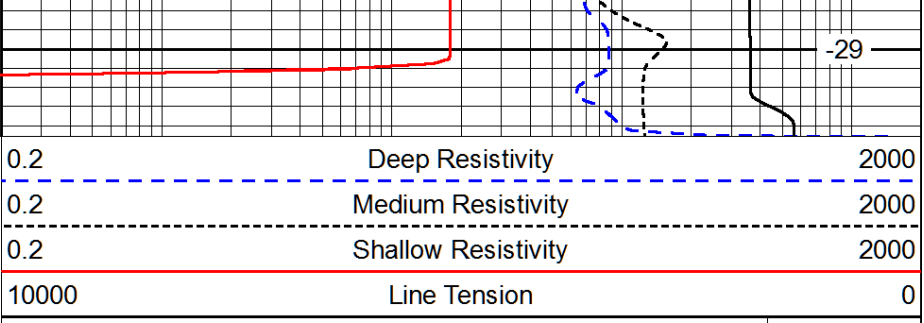
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-29

-30



4700



-29

LSPD