



Pioneer Energy Services

Dual Induction Log

API No.

15-035-23,967-00-01

Company Val Energy, Inc.

Well Kennedy No. 1-3 OWWO

Field Unknown

County Cowley

State

Kansas

Location

N2-SW-SW-SE
450' FSL & 2310' FEL

Sec: 3

Twp: 30S

Rge: 5E

Elevation

Permanent Datum Ground Level Elevation 1314
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1327
D.F.
G.L. 1314

Date

One

Run Number

12/1/14

Depth Driller

3373

Depth Logger

3379

Bottom Logged Interval

3378

Top Log Interval

200

Casing Driller

8.625 @ 210

Casing Logger

222

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4.000

Density / Viscosity

8.7 60

pH / Fluid Loss

11.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

.78 @ 49

Rmf @ Meas. Temp

.59 @ 49

Rmc @ Meas. Temp

1.05 @ 49

Source of Rmf / Rmc

Charts

Rm @ BHT

.35 @ 110

Operating Rig Time

2 Hours

Max Rec. Temp. F

110

Equipment Number

91

Location

Hays

Recorded By

J. Henrickson

Witnessed By

Joe Baker

<<< 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

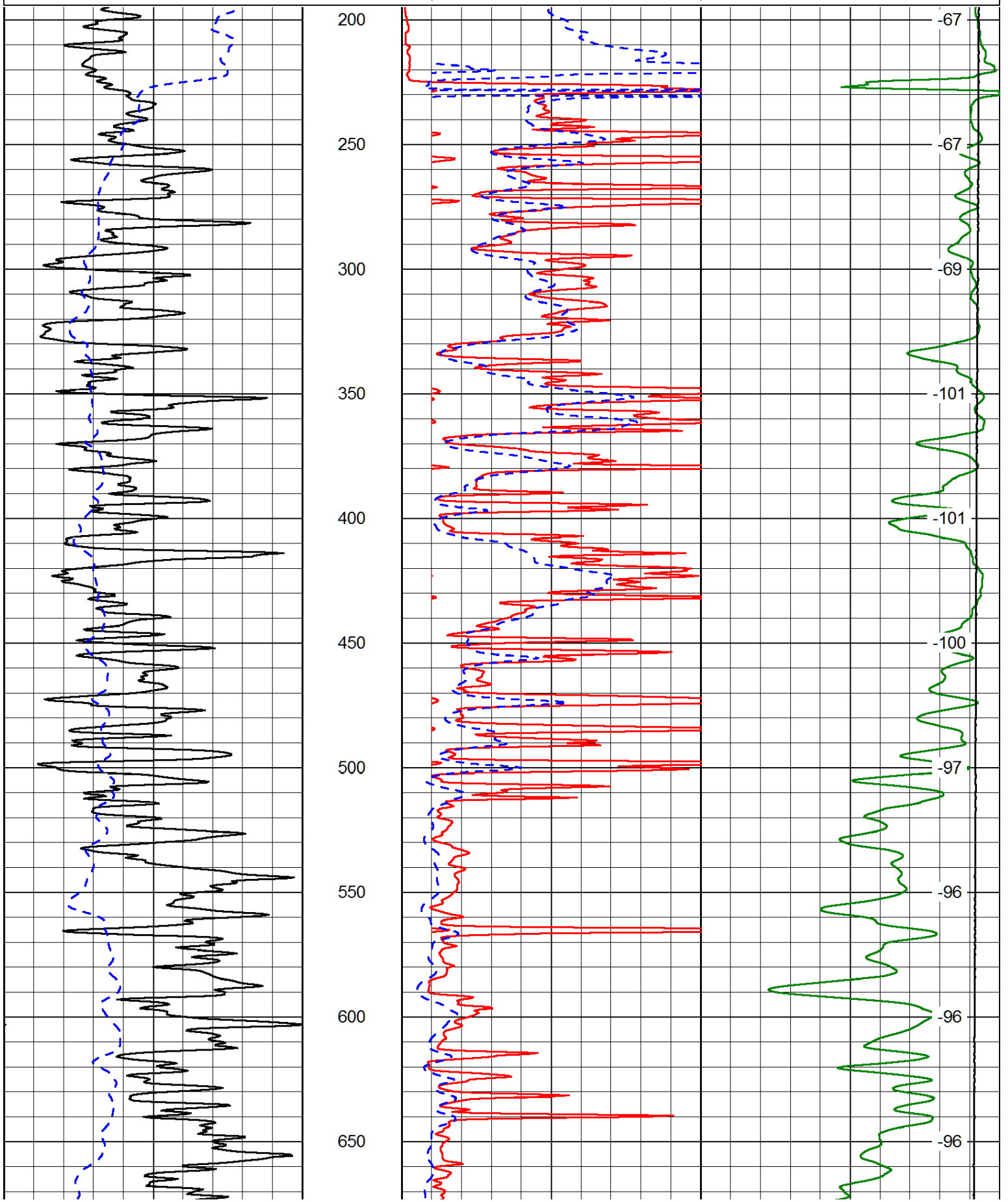
Rock Kansas
East to 151st Blacktop, North to 12th Rd, 1/2 East, North Into

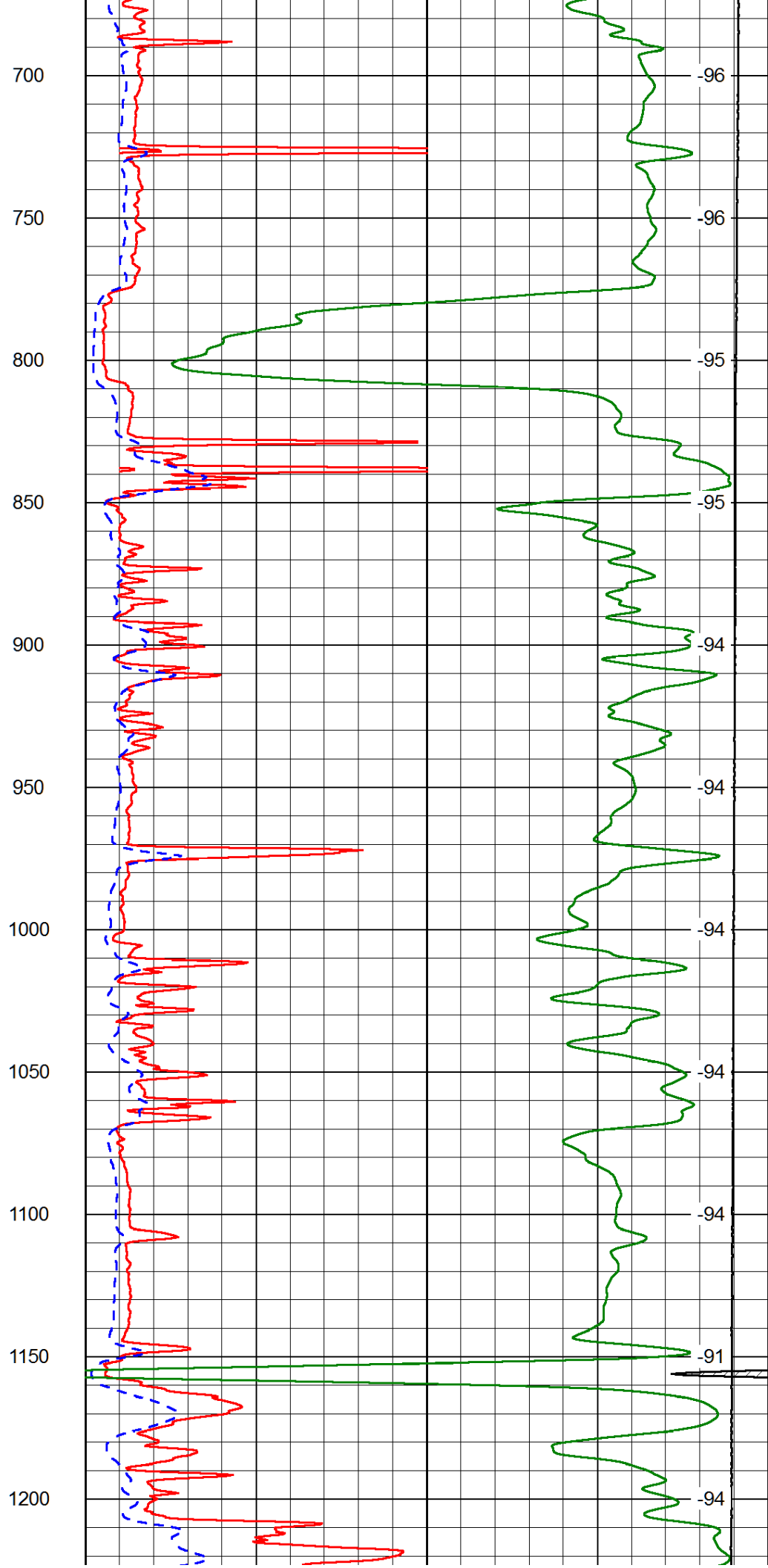
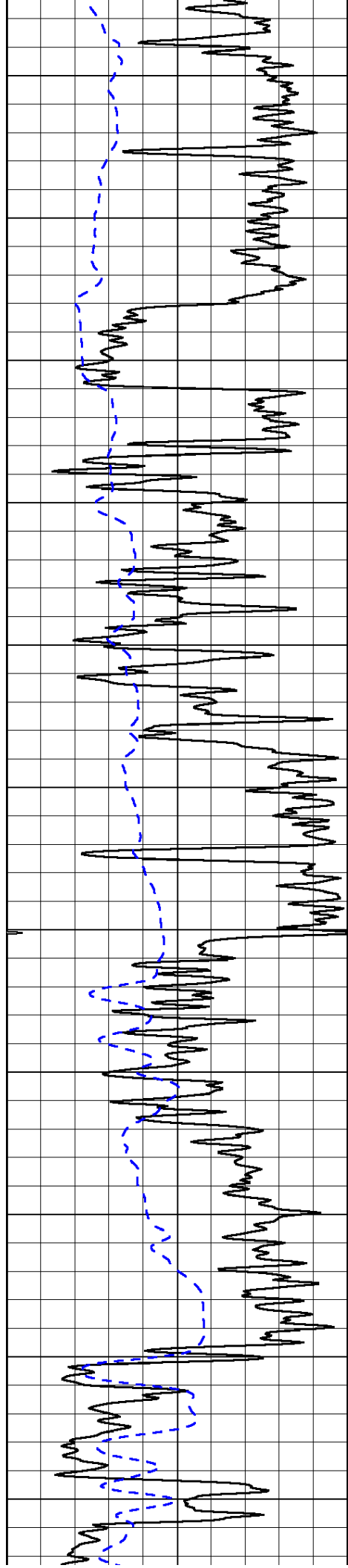
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Dataset Pathname: DIL\valstkmel2
Presentation Format: dil2in
Dataset Creation: Tue Dec 02 06:33:19 2014
Charted by: Depth in Feet scaled 1:600

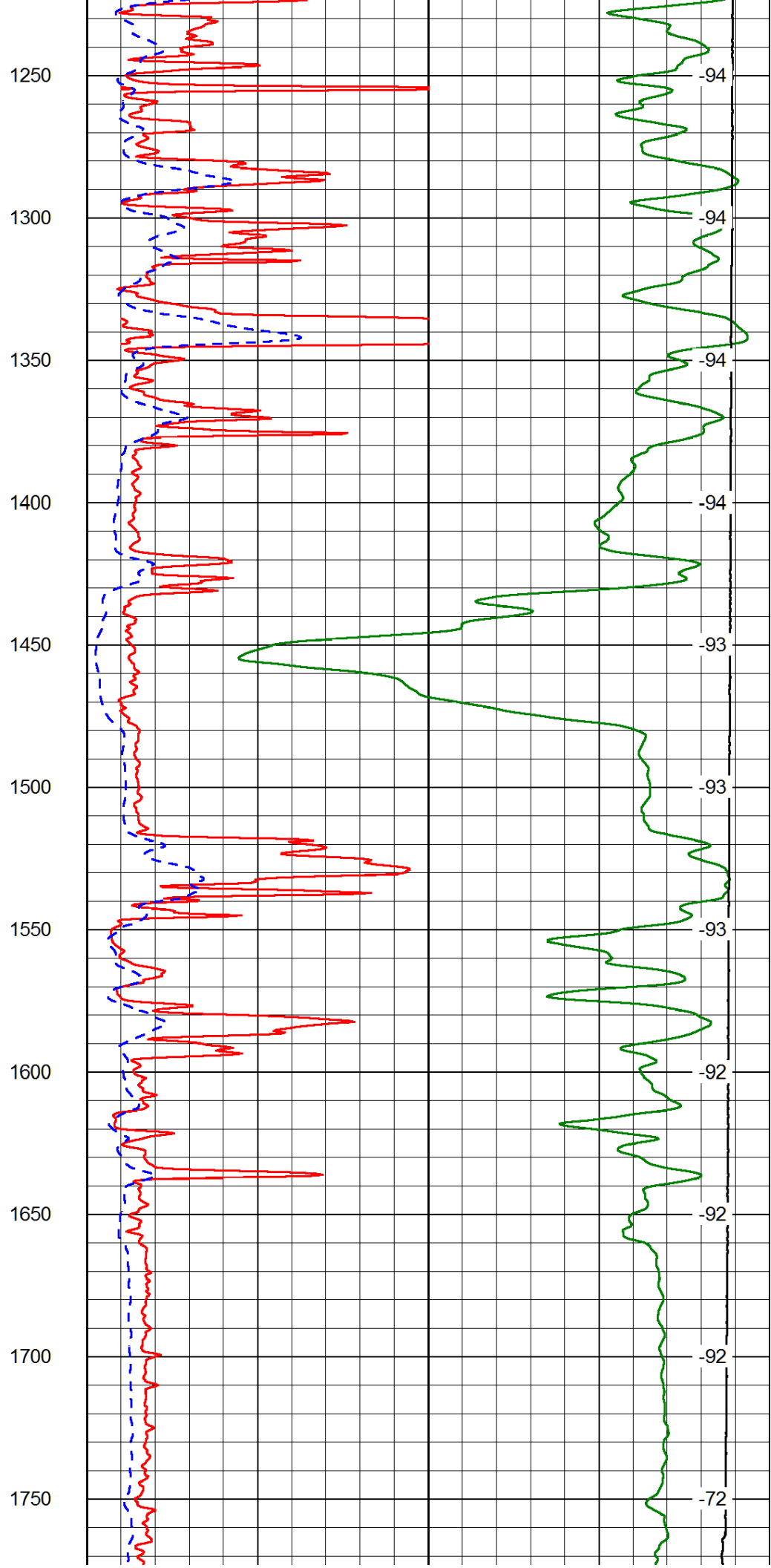
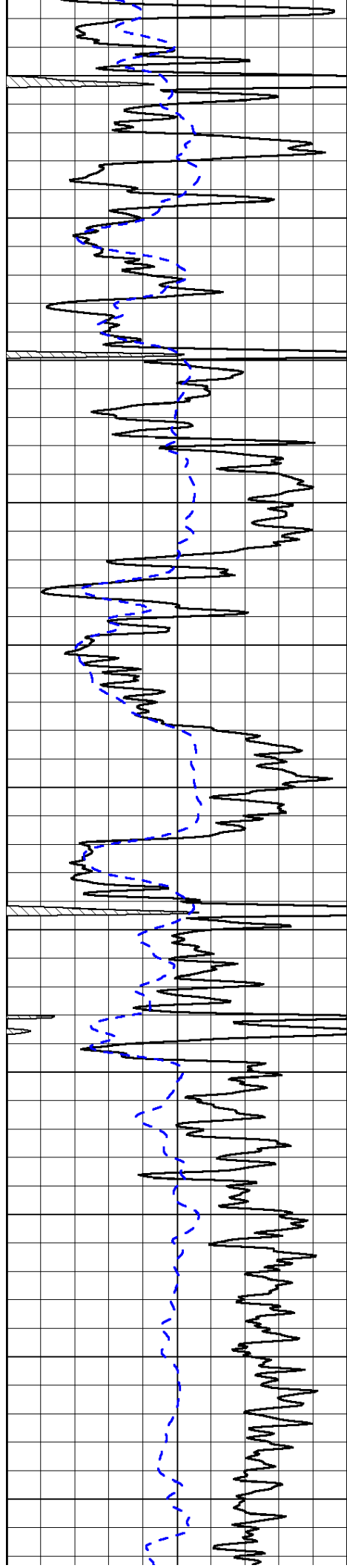
0	Gamma Ray	150
-200	SP (mV)	0

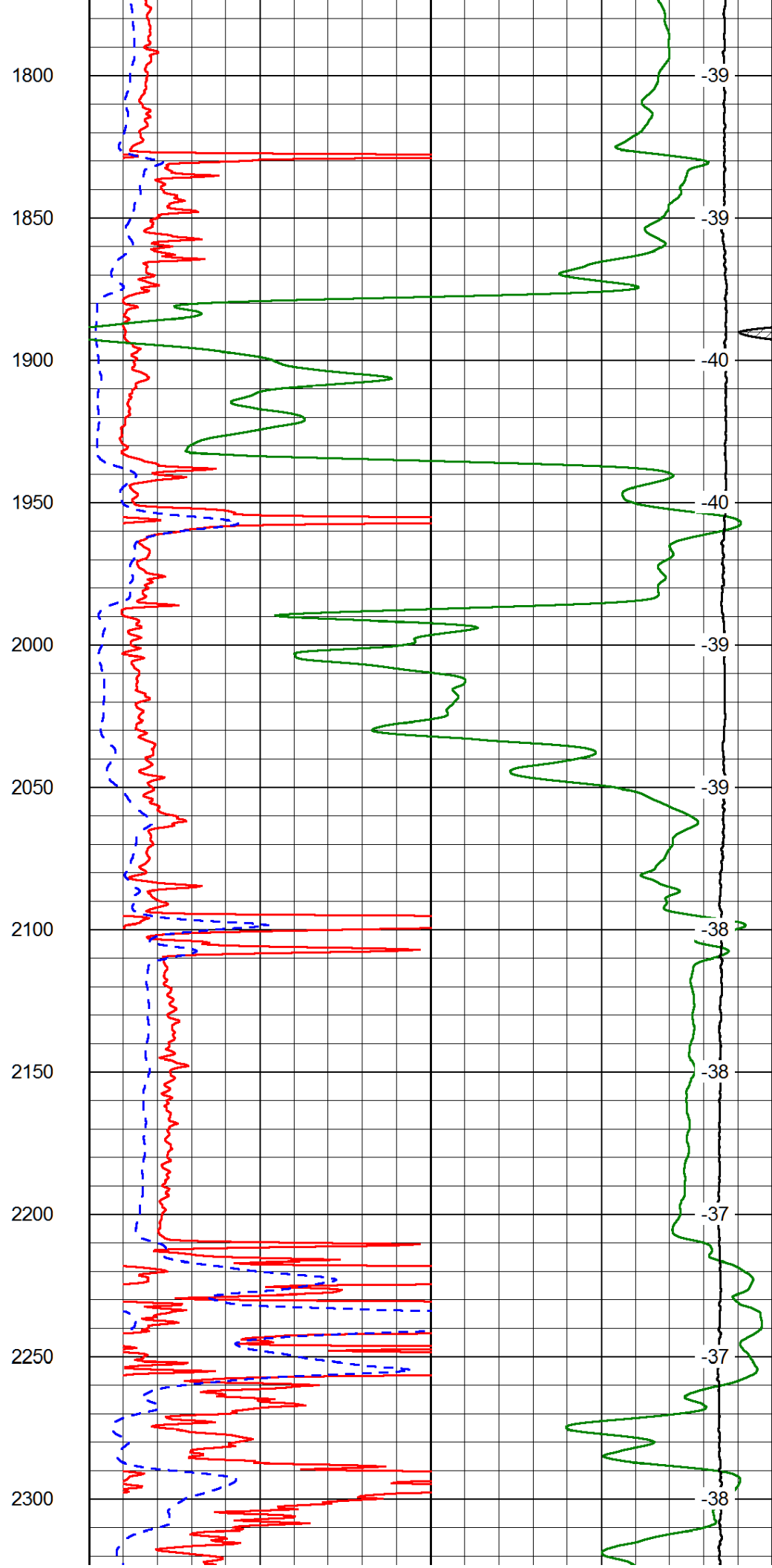
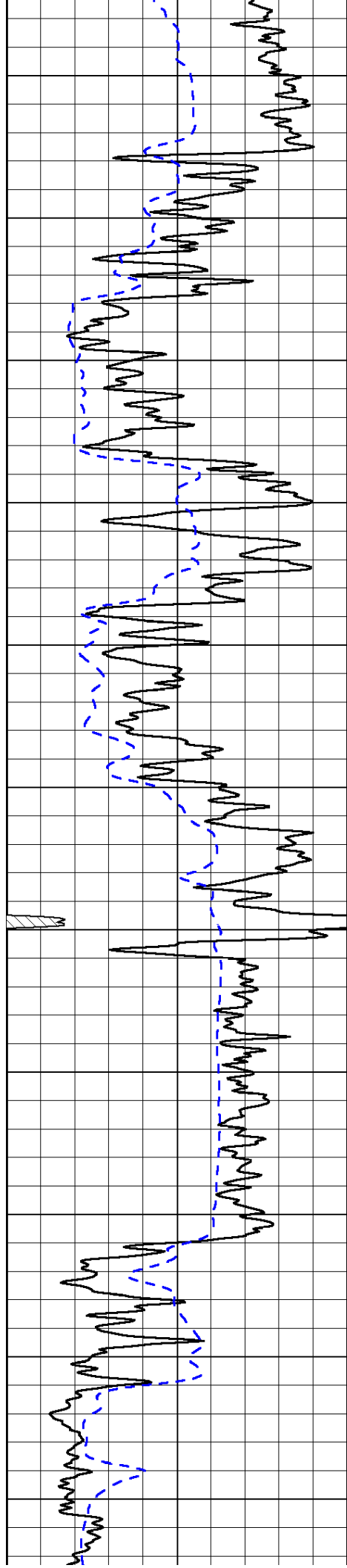
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

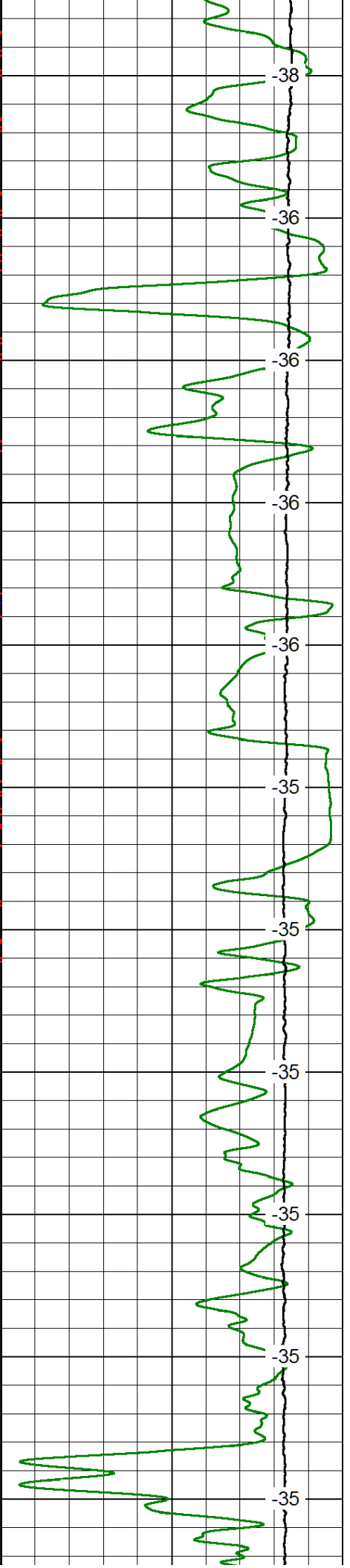
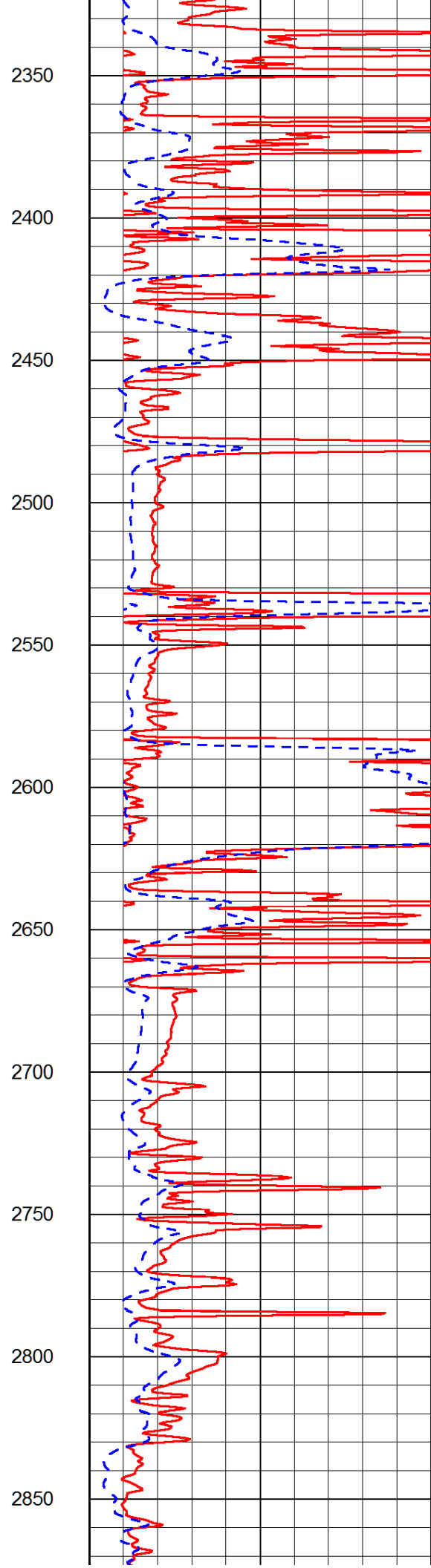
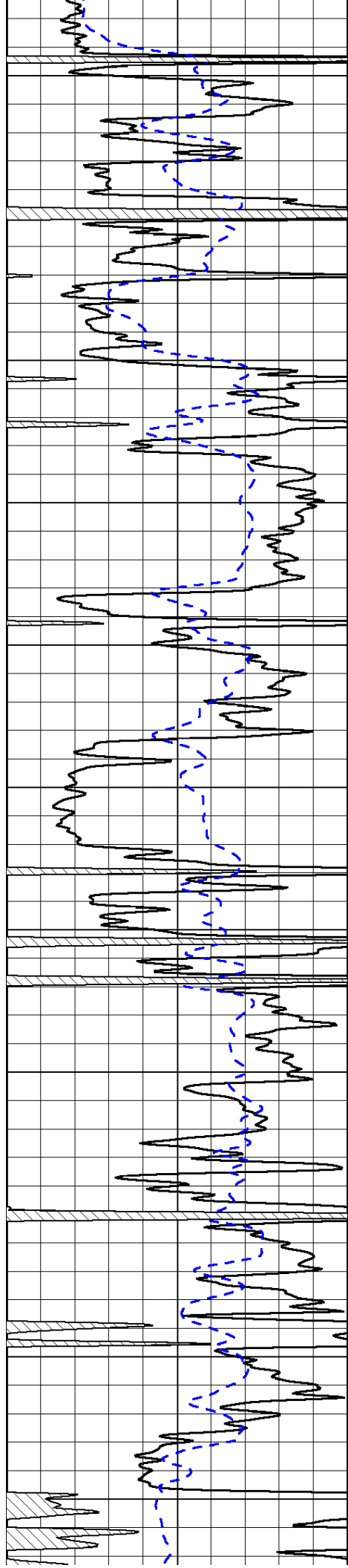
LSPD

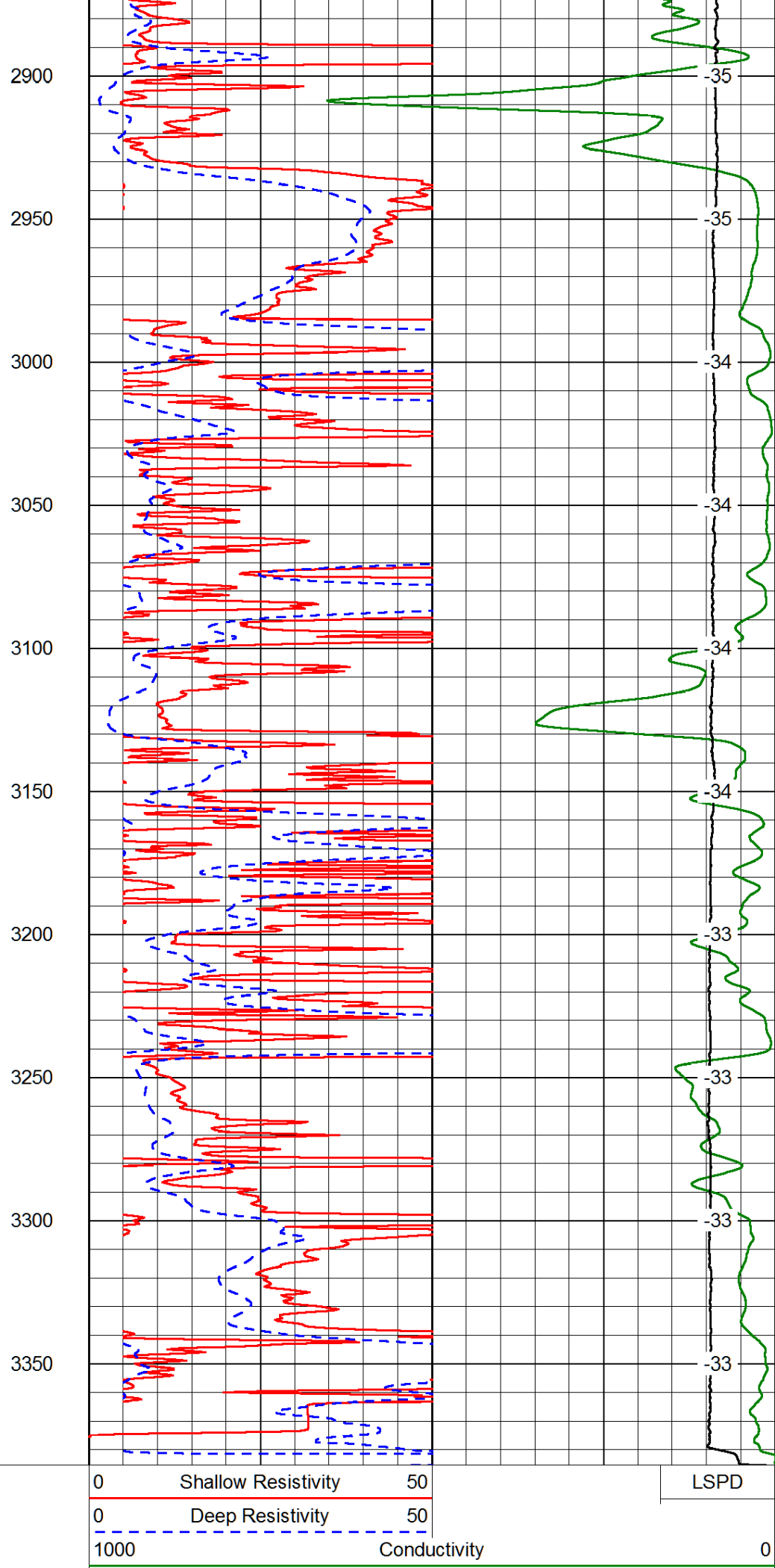
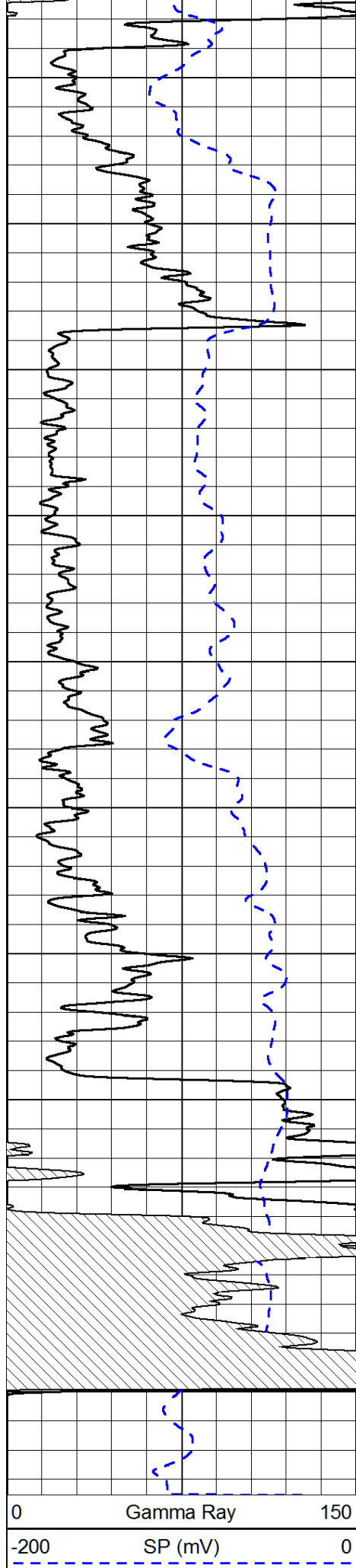








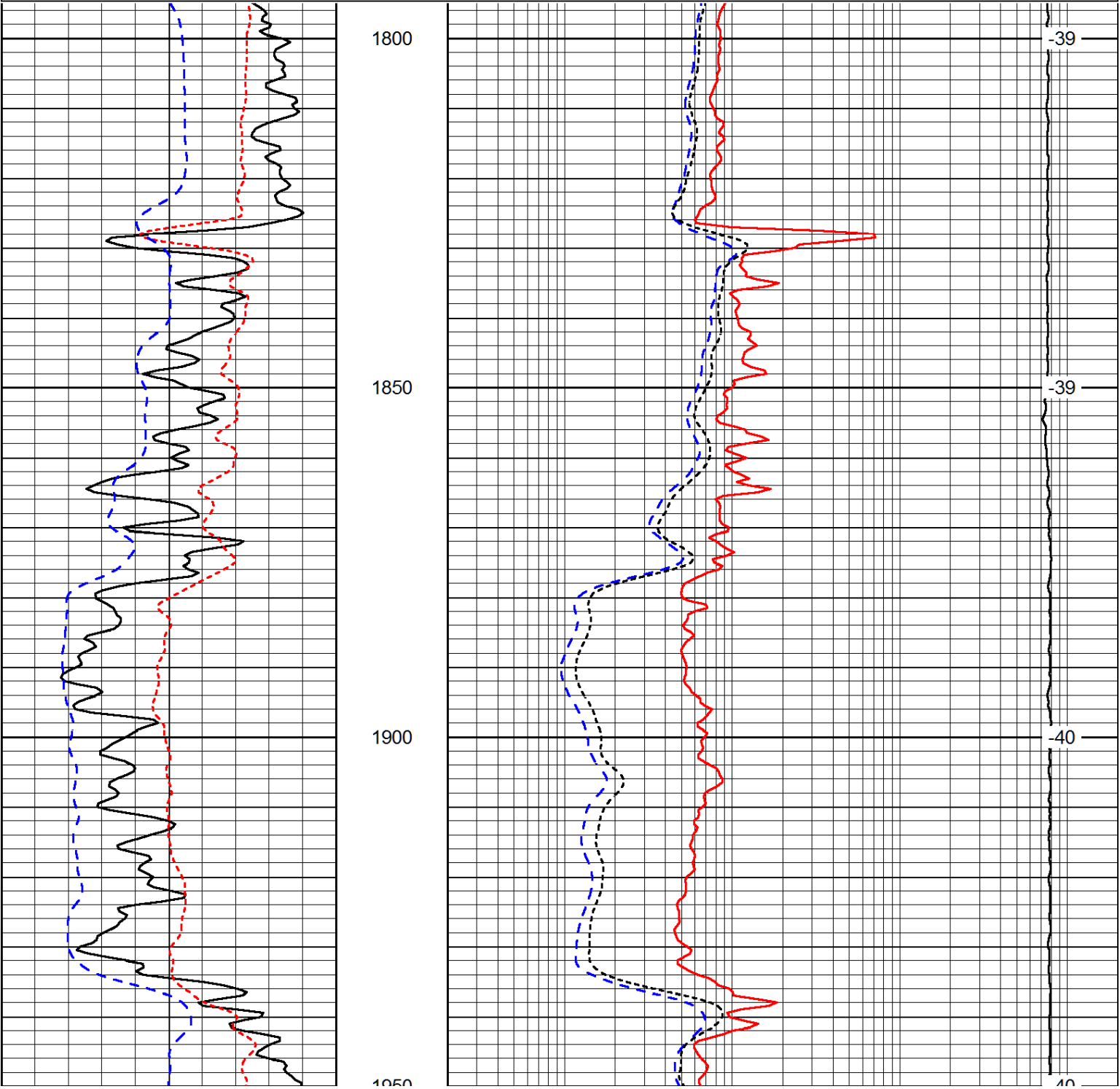


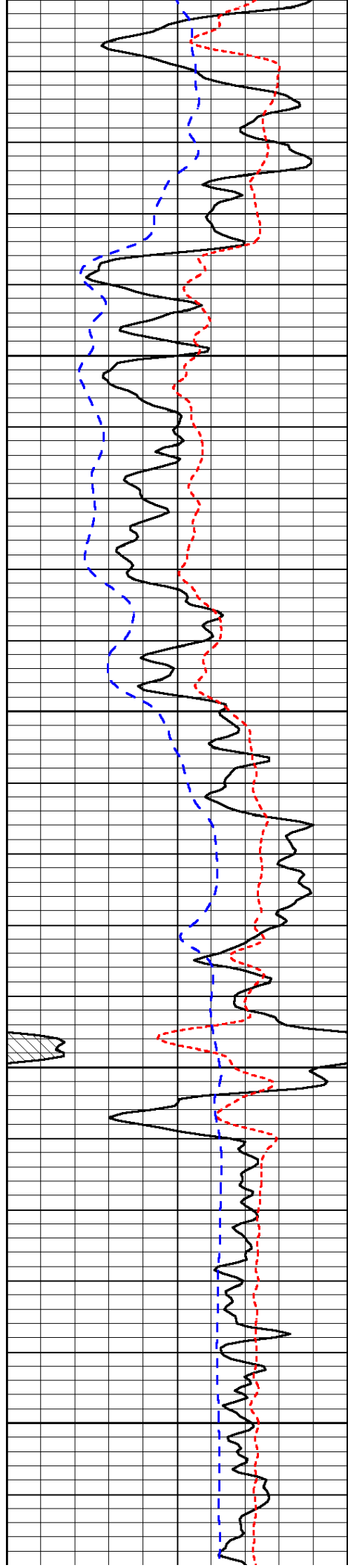


	15000	Line Tension	0
	50	Shallow Resistivity	500
	50	Deep Resistivity	500

Database File:	val_keneddy_1_3_owwohd.db
Dataset Pathname:	DIL/valstkme12
Presentation Format:	dil
Dataset Creation:	Tue Dec 02 06:33:19 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





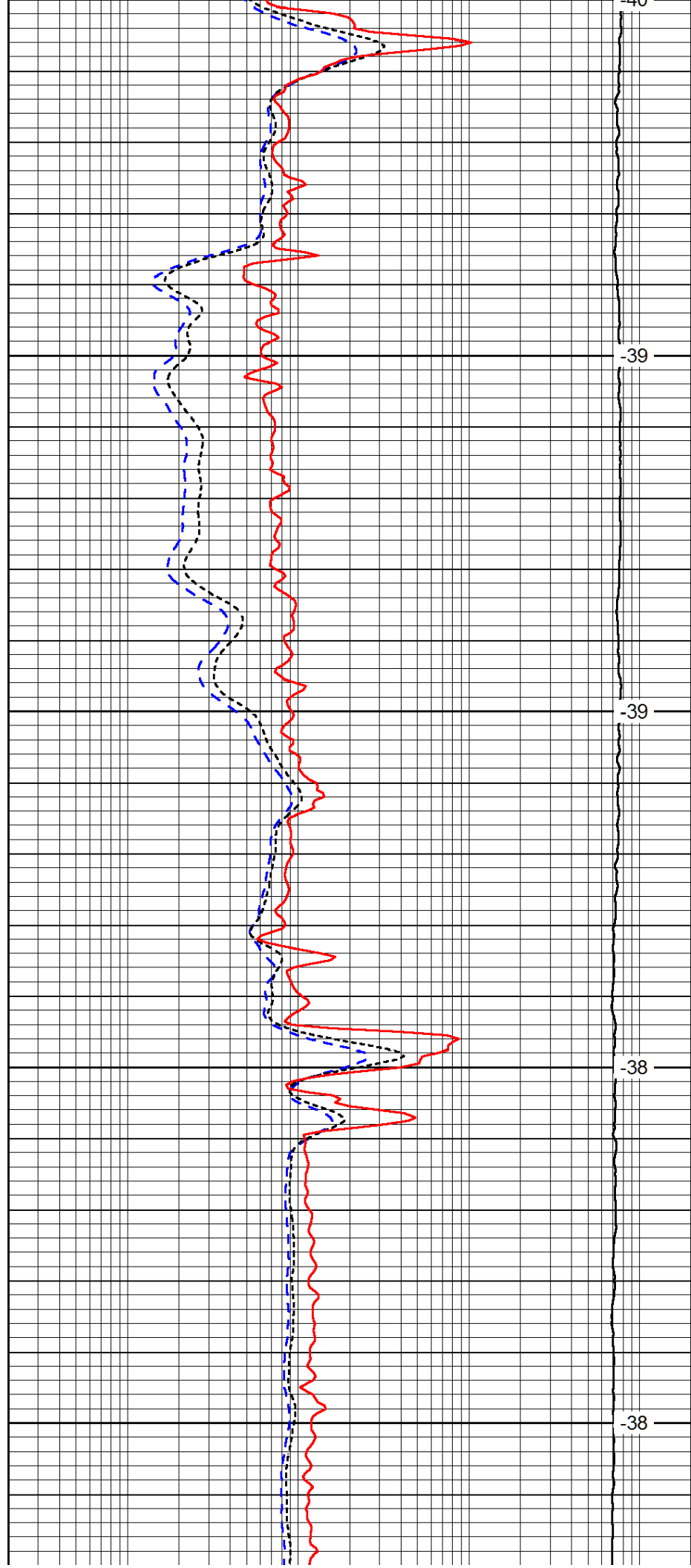
1950

2000

2050

2100

2150

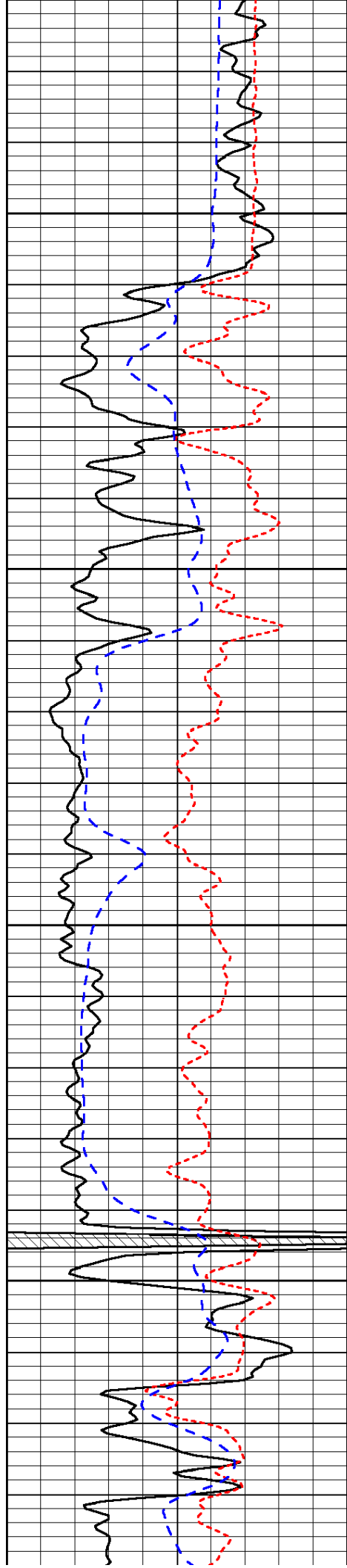


-39

-39

-38

-38

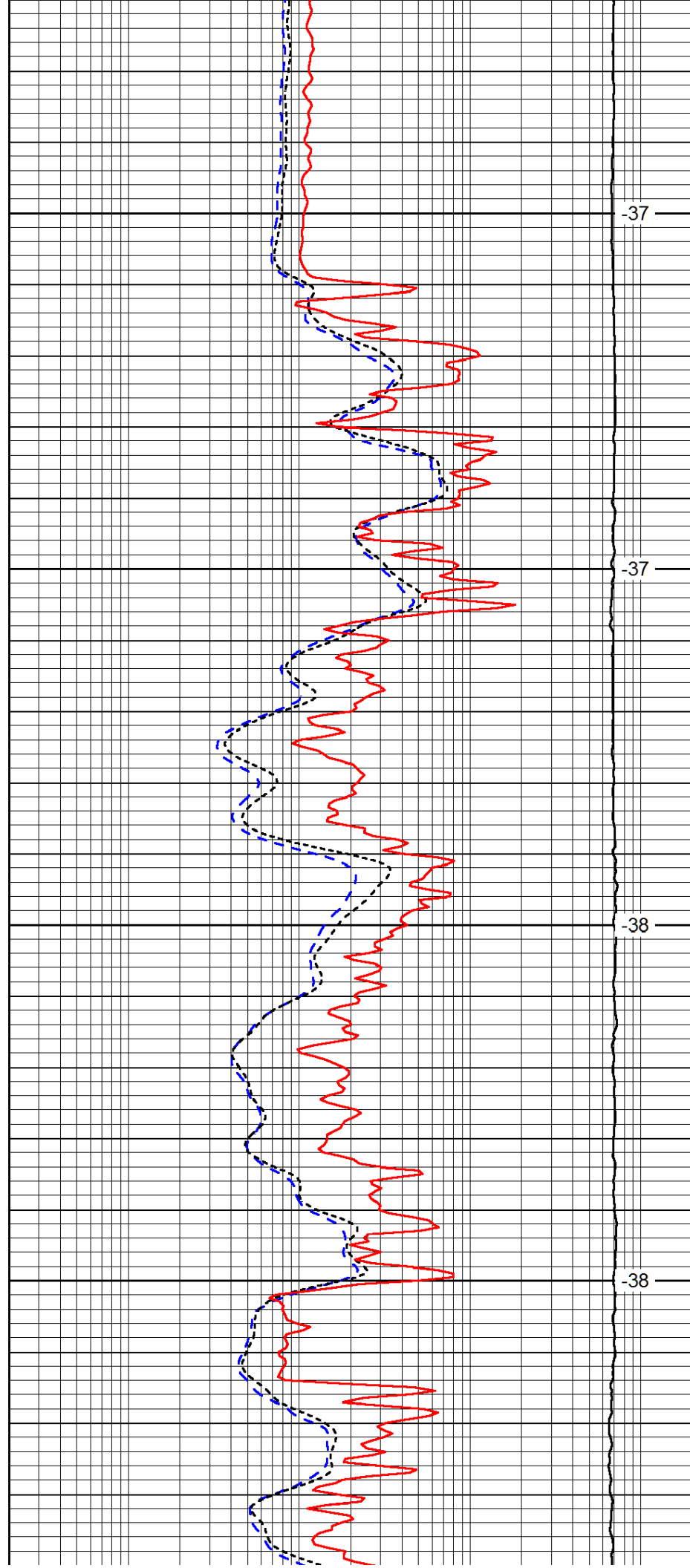


2200

2250

2300

2350

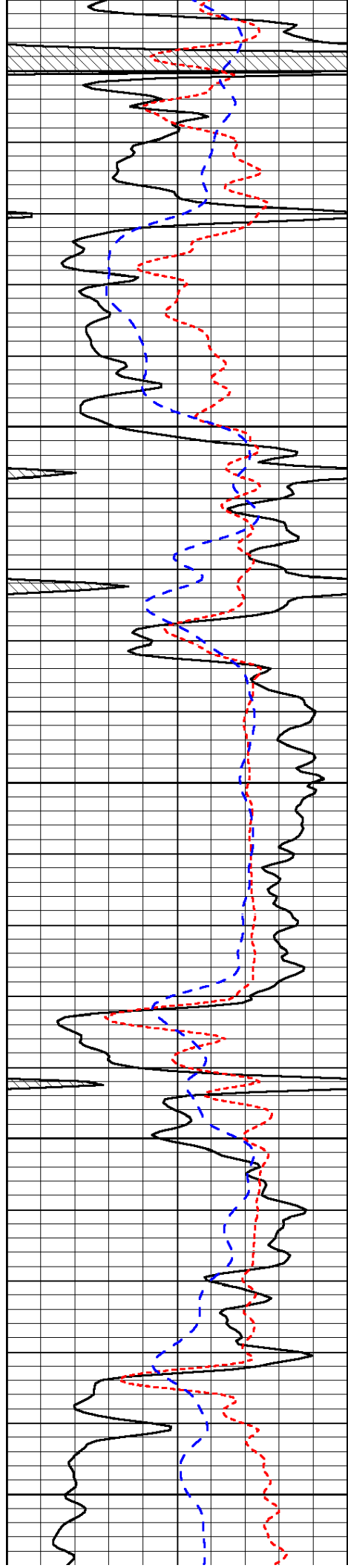


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-38

-38



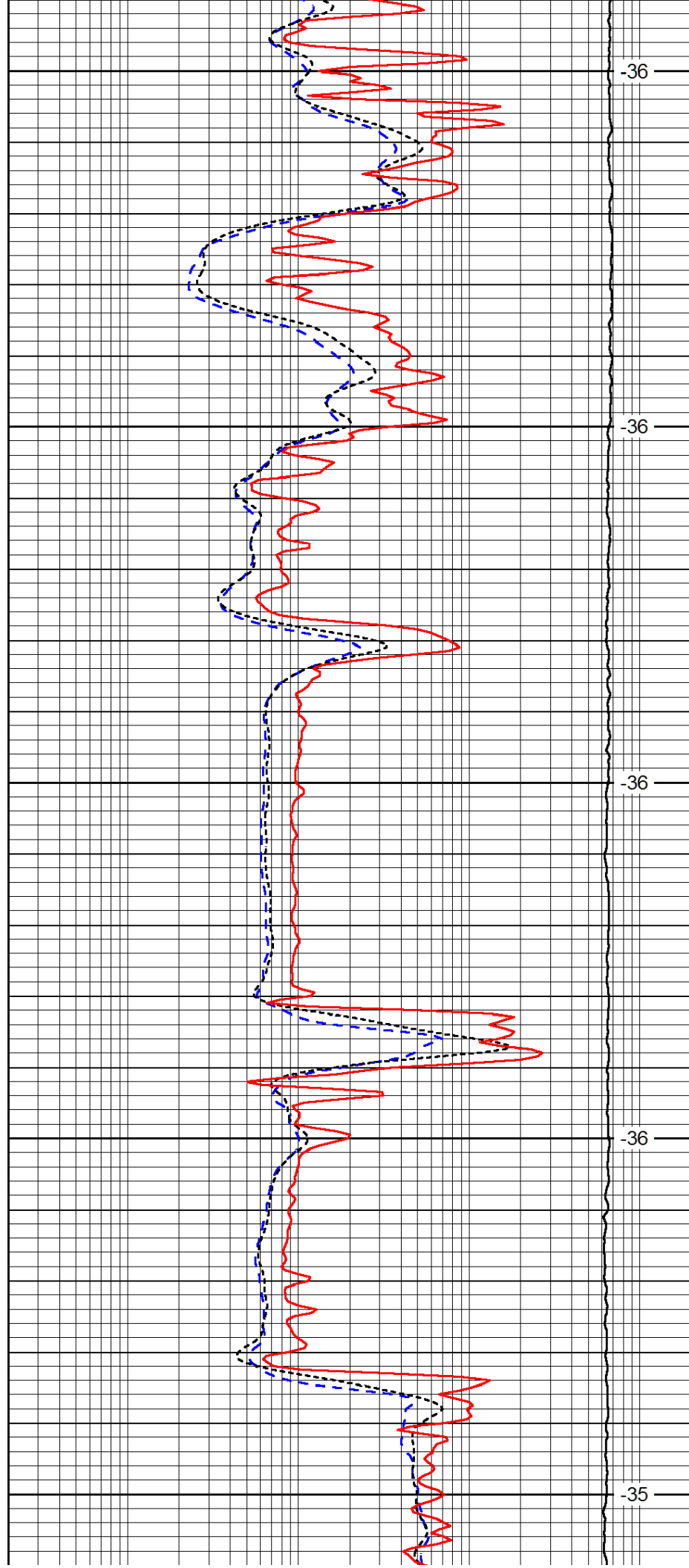
2400

2450

2500

2550

2600



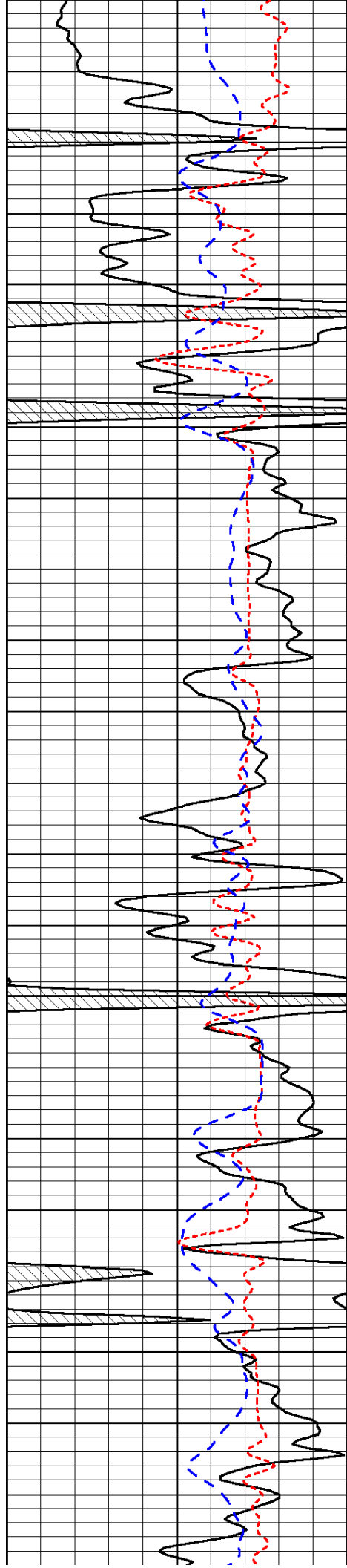
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-36

-36

-35

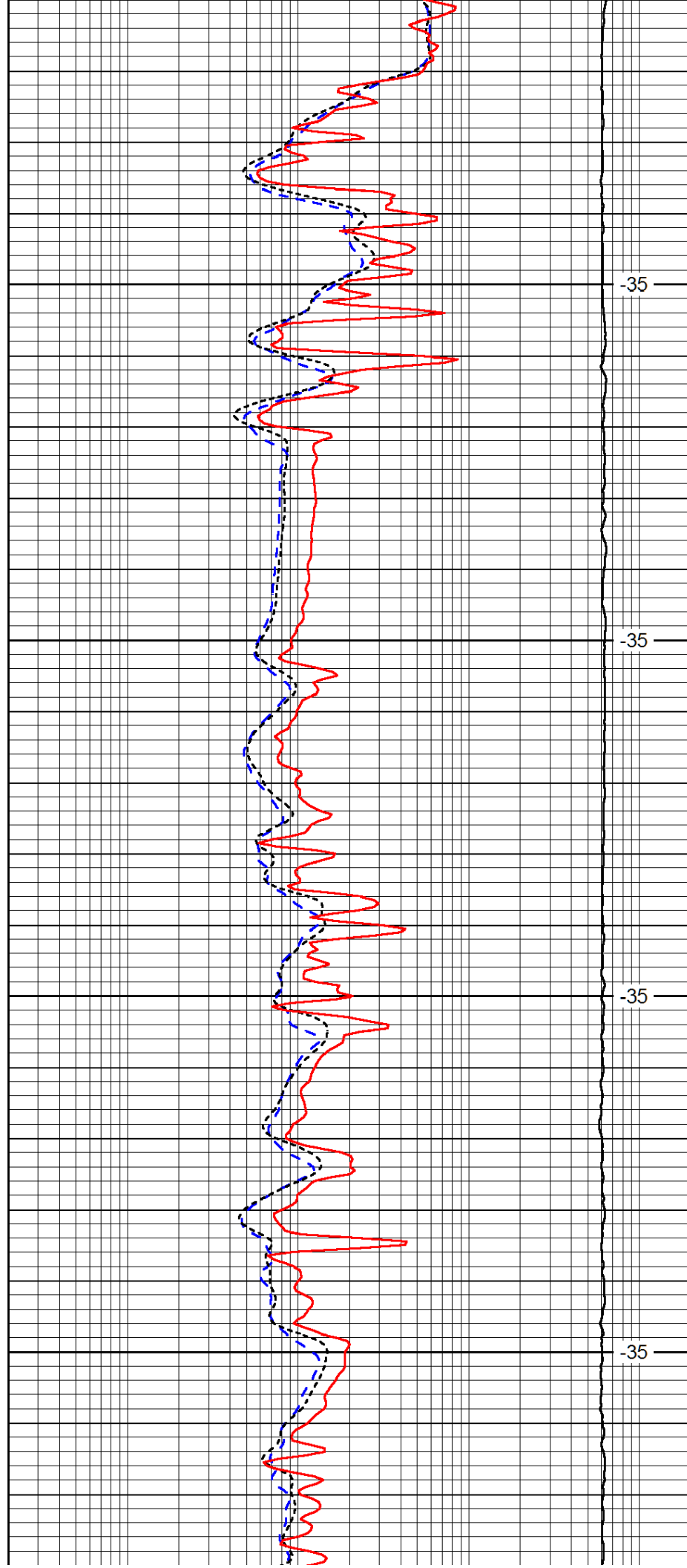


2650

2700

2750

2800

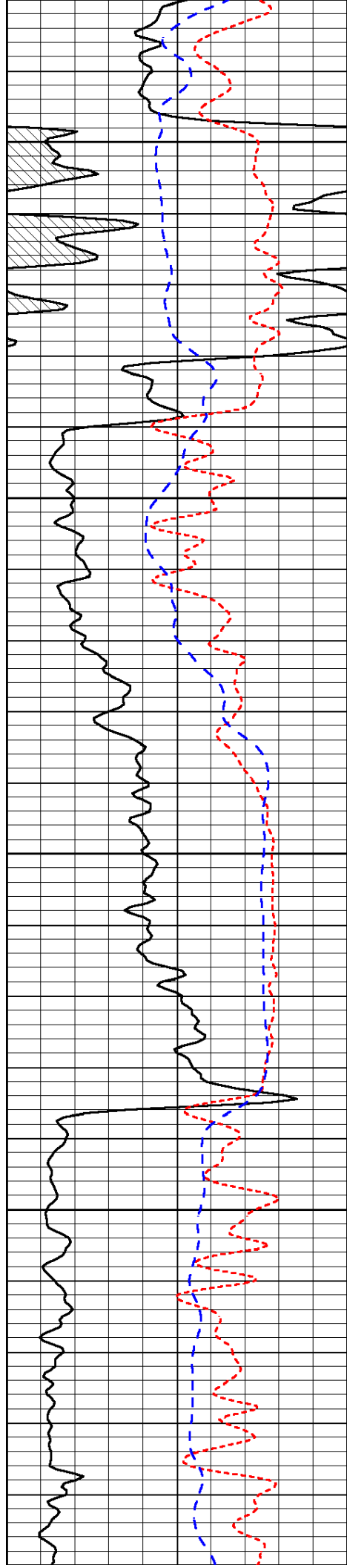


-35

-35

-35

-35



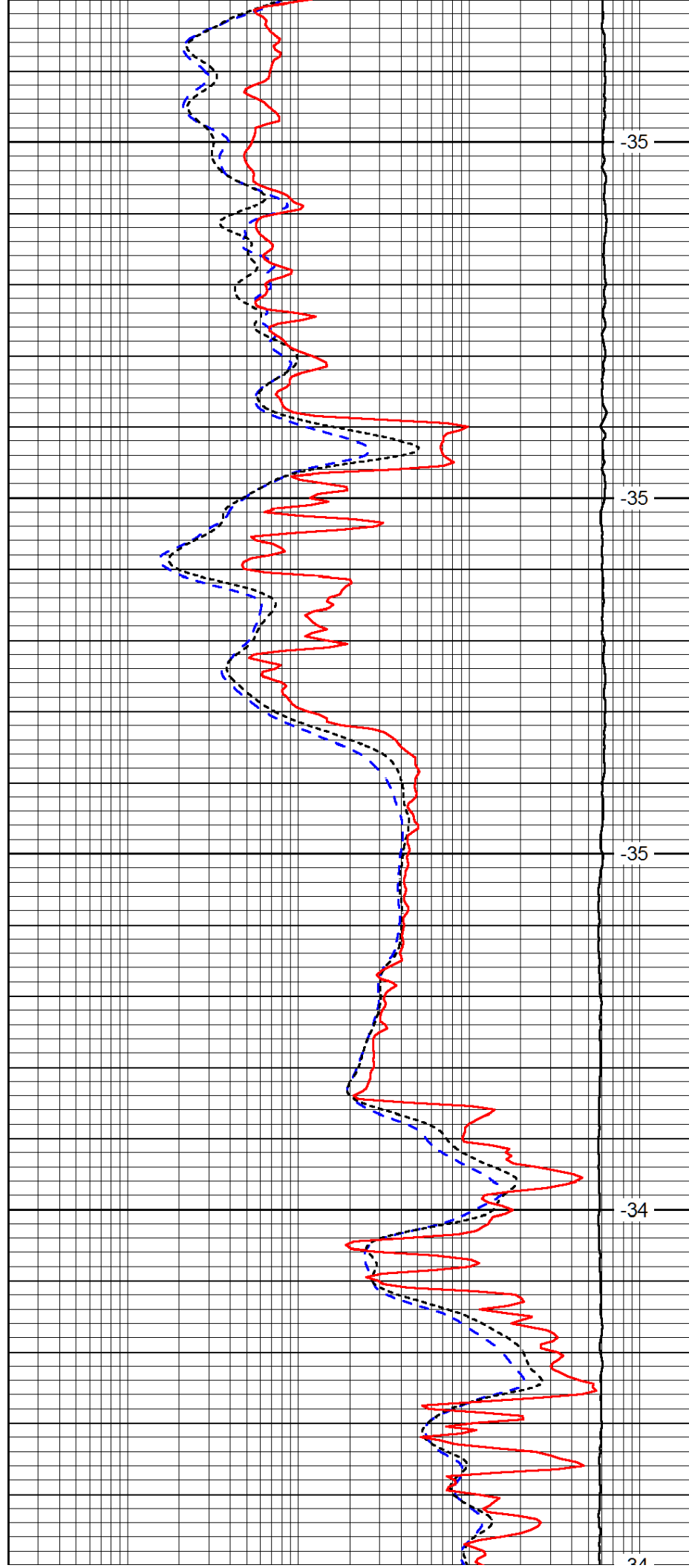
2850

2900

2950

3000

3050



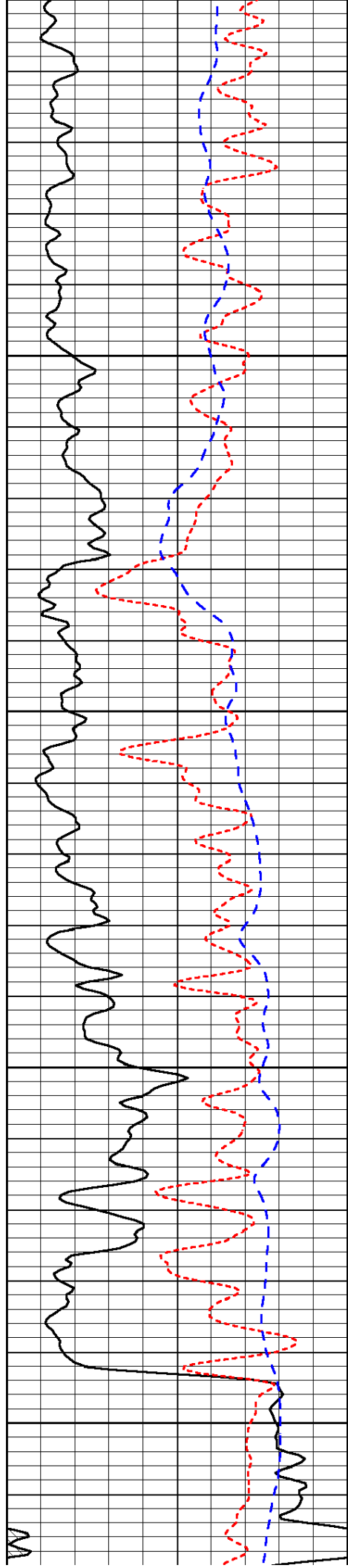
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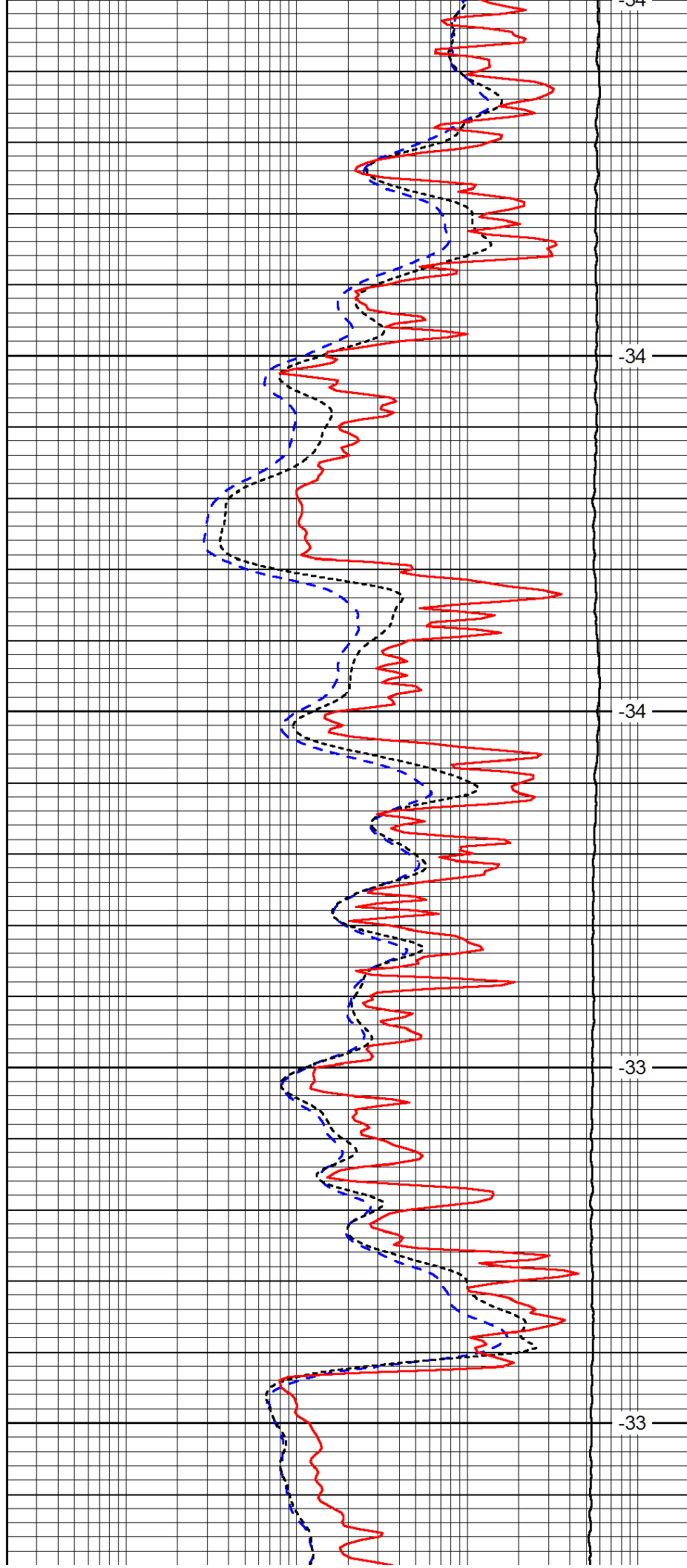
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-34

-34

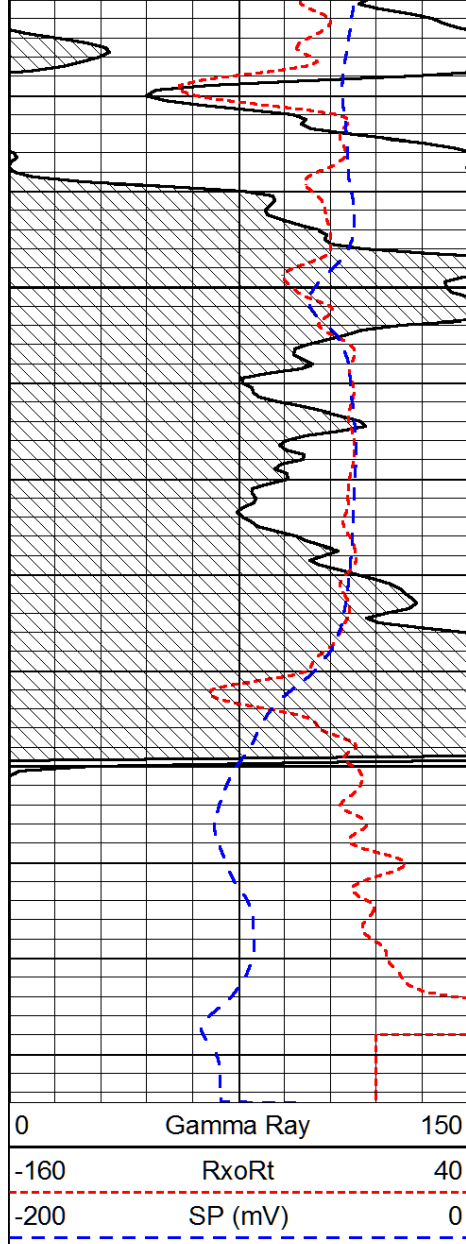


3050
3100
3150
3200
3250



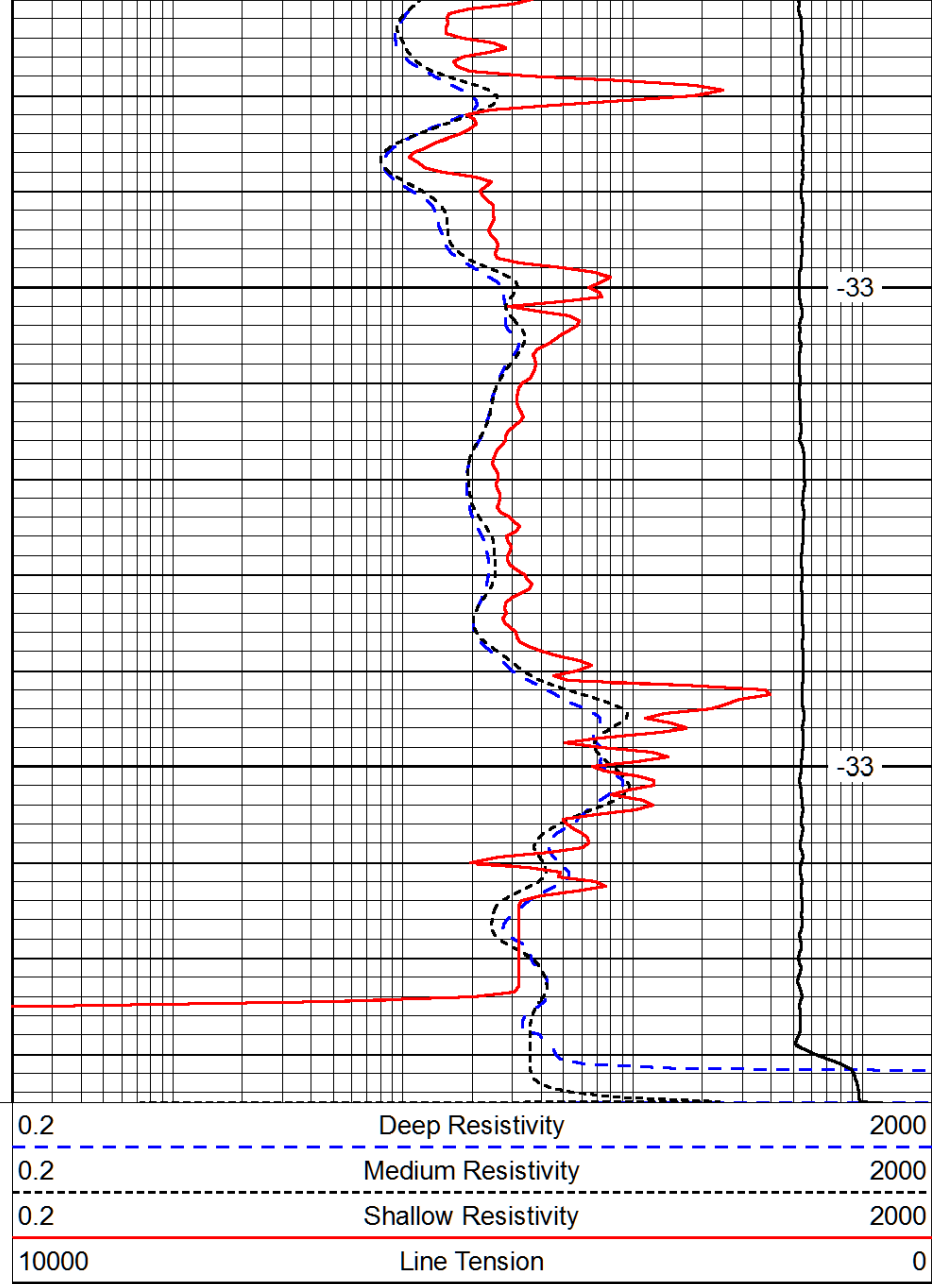
3050
3100
3150
3200
3250

-34
-34
-34
-33
-33



3300

3350



-33

-33

LSPD