

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-203-20,147-00-00

Company Raymond Oil Company, Inc.

Well Brack No. 1

Field WC

County Wichita

State

Kansas

Location

NW SW NW NE
832' FNL & 2550' FEL

Sec: 21

Twp: 20 S

Rge: 35 W

Elevation

Permanent Datum Ground Level Elevation 3166
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
MEL/BHCS
K.B. 1377
D.F.
G.L. 1366

Date

11/01/2009

Run Number

One

Depth Driller

5125

Depth Logger

5120

Bottom Logged Interval

5119

Top Log Interval

200

Casing Driller

8.625 @ 249

Casing Logger

247

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5.500

Density / Viscosity

9.3

pH / Fluid Loss

10.5

Source of Sample

Flowline

Rm @ Meas. Temp

.68 @ 62

Rmf @ Meas. Temp

.51 @ 62

Rmc @ Meas. Temp

.92 @ 62

Source of Rmf / Rmc

Charts

Rm @ BHT

.33 @ 129

Operating Rig Time

6 Hours

Max Rec. Temp. F

129

Equipment Number

10

Location

Hays

Recorded By

K. Bange

Witnessed By

Max Lovely

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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 Log-Tech, Inc.
(785) 625-3858

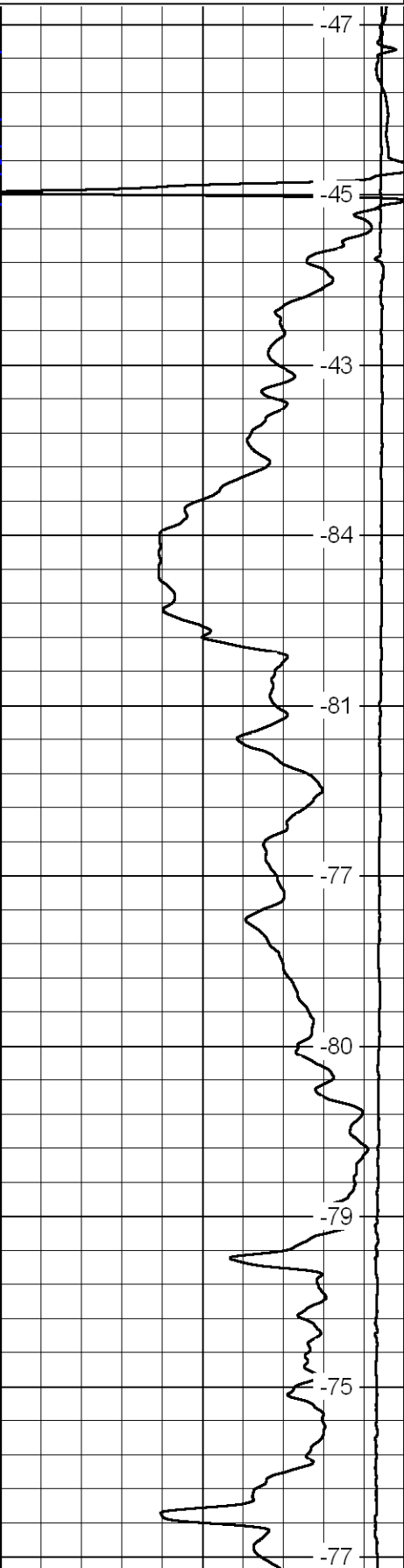
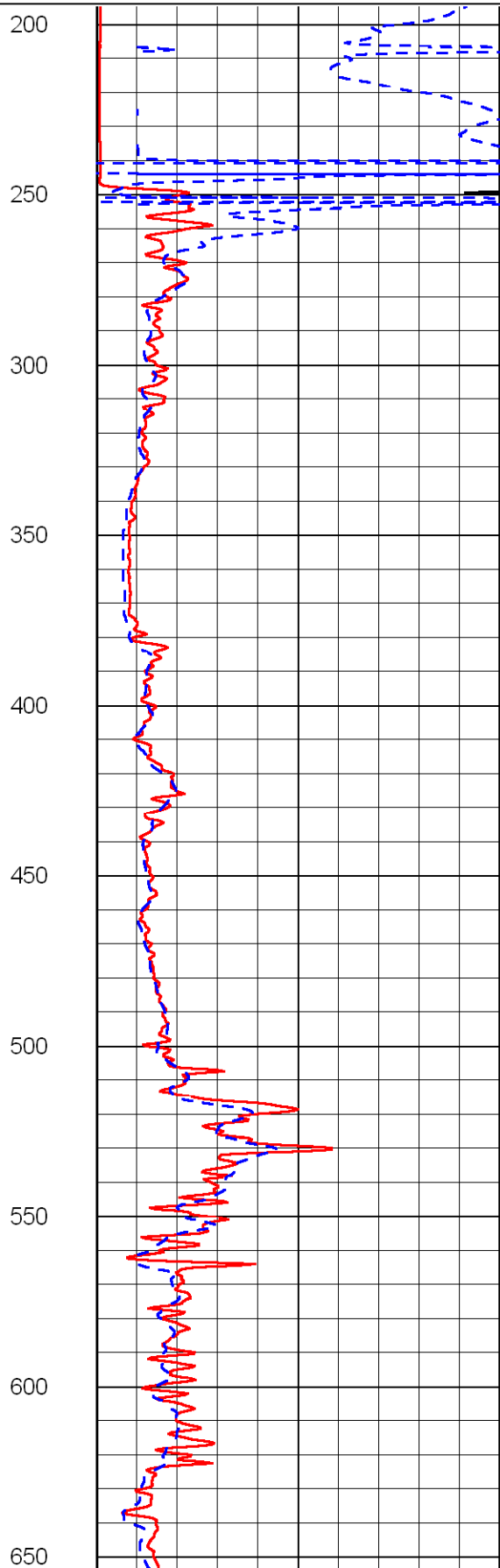
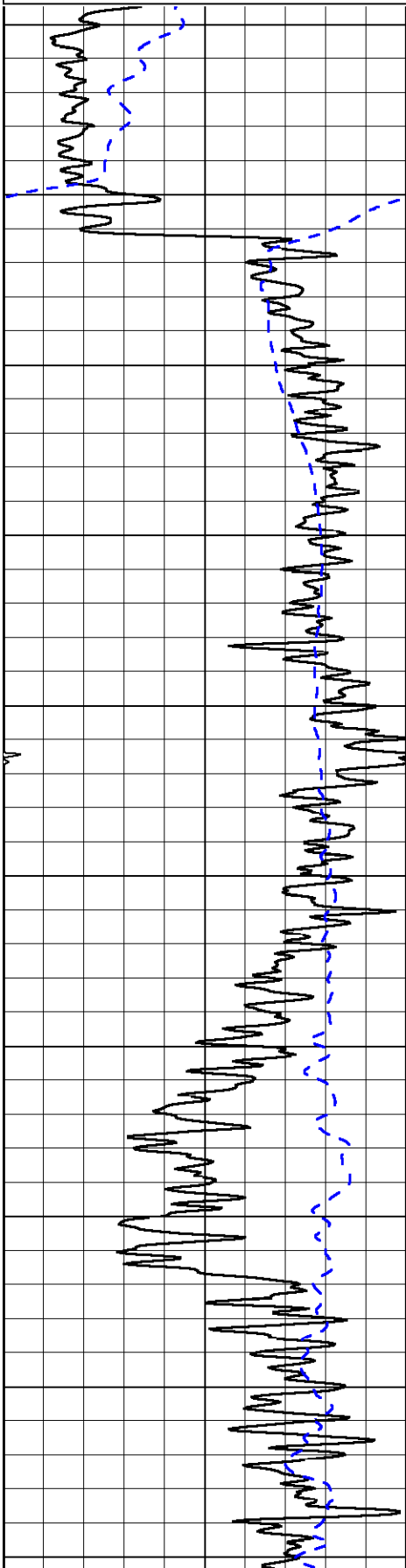
Marianthal (W edge), 12 S to AA rd, 1 1/2 E to 22 rd, 1/2 S, W into

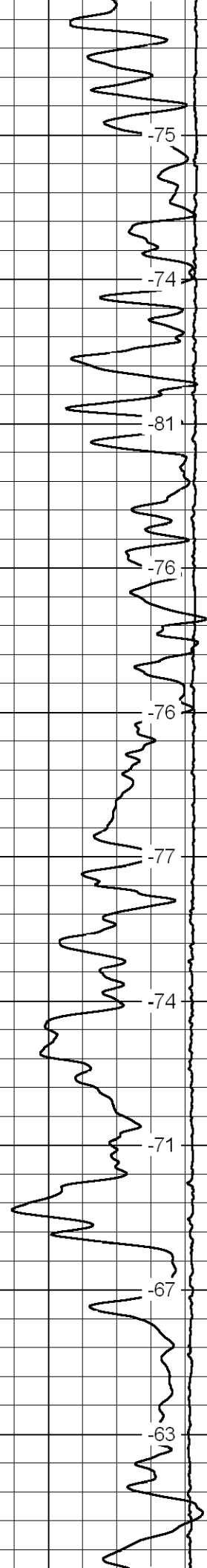
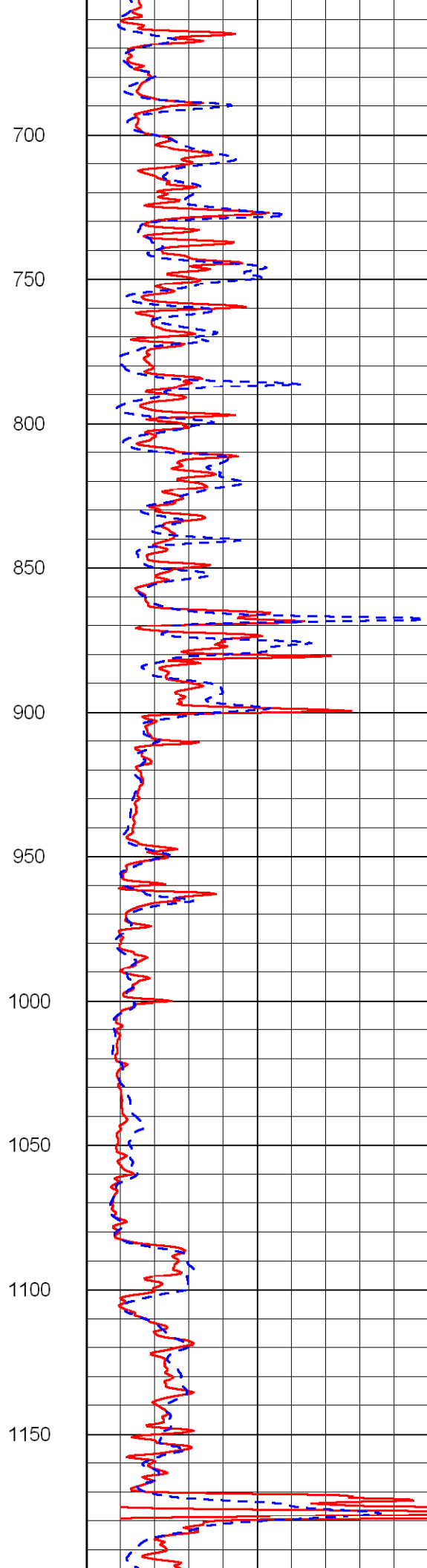
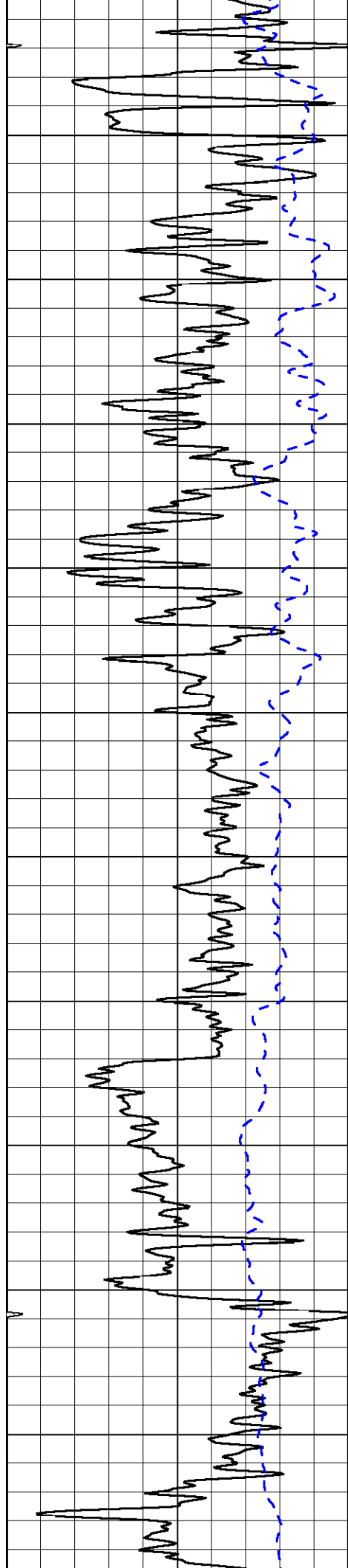
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Presentation Format: dil2in
Dataset Creation: Sun Nov 01 06:40:09 2009
Charted by: Depth in Feet scaled 1:600

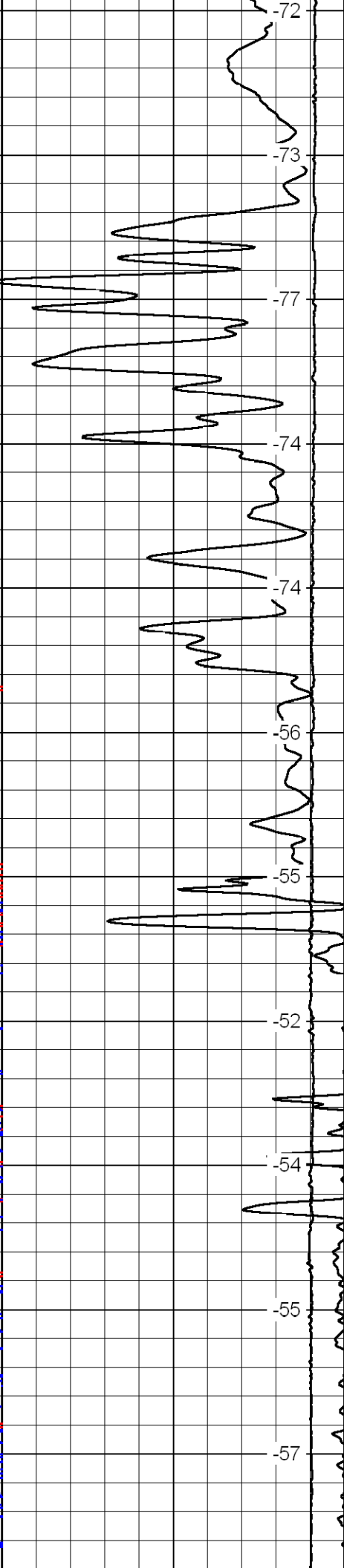
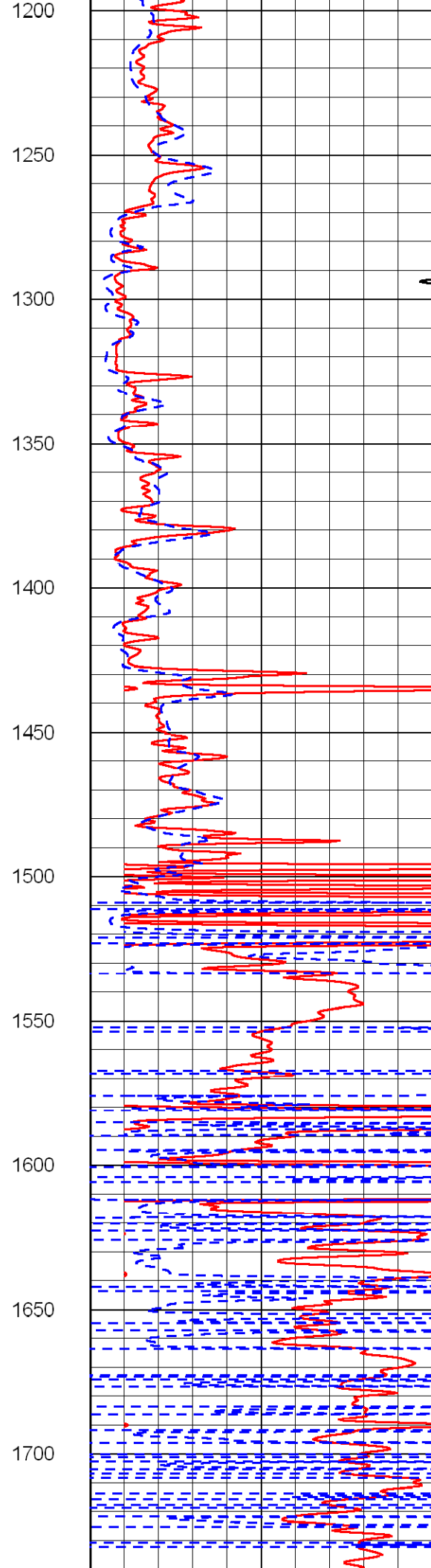
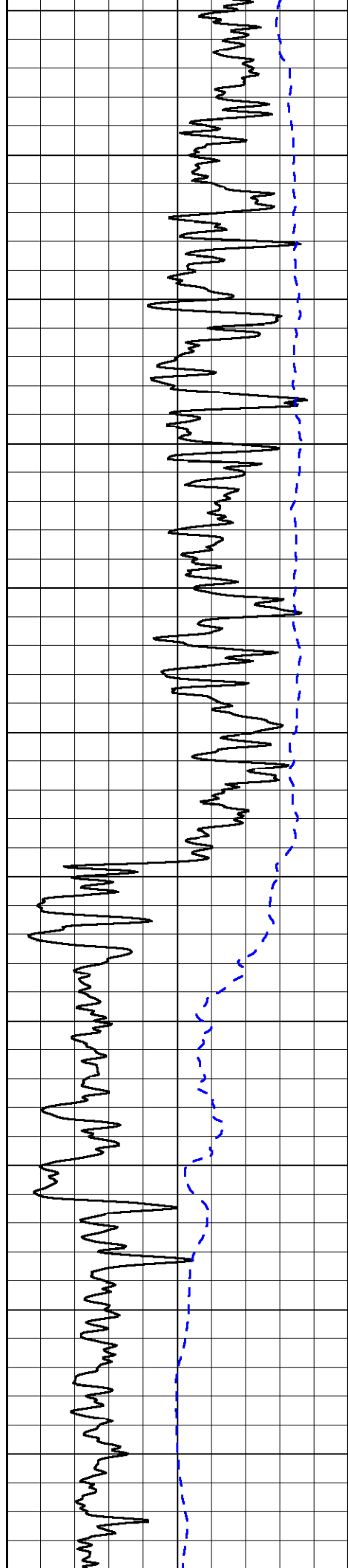
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-200	SP (MV)	0

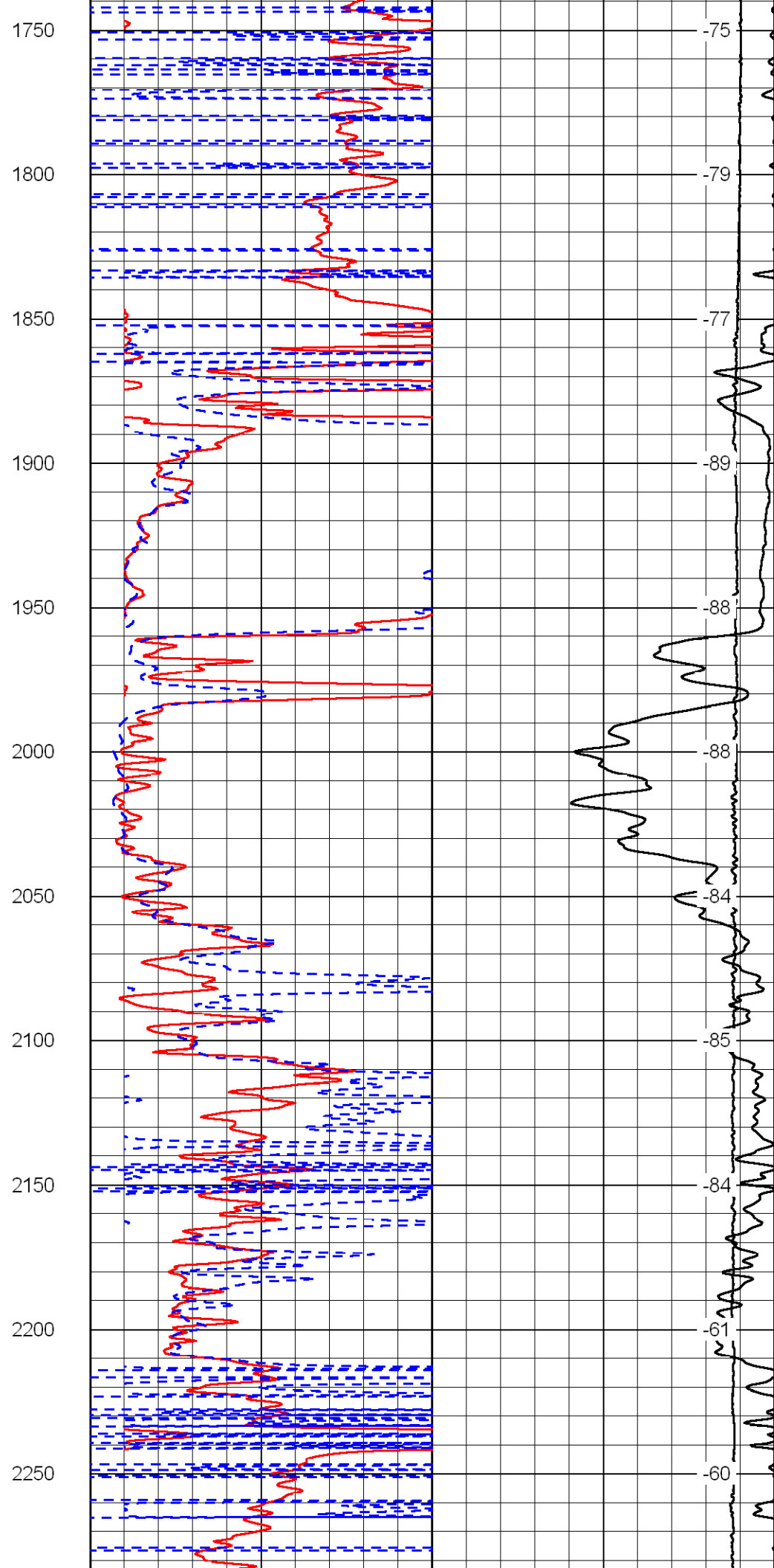
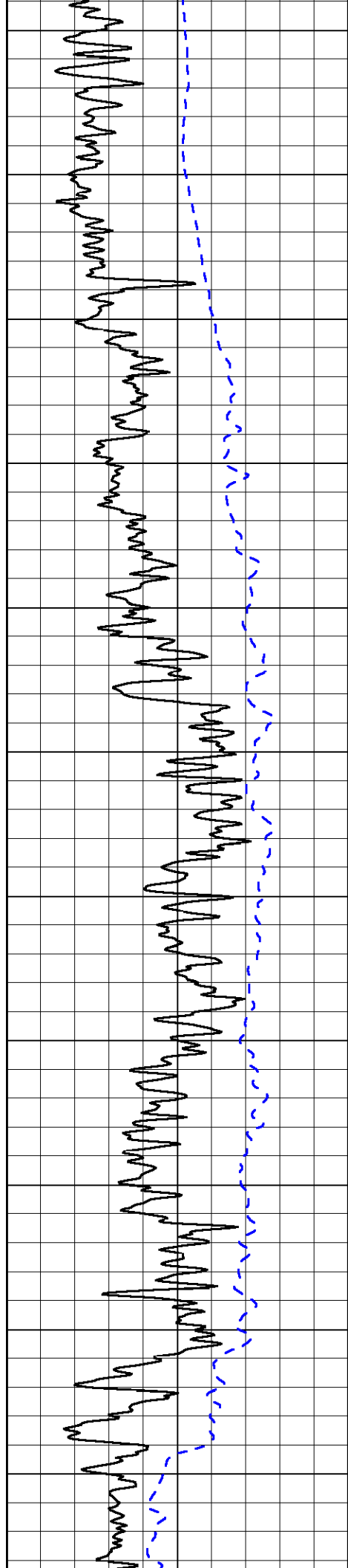
0	Shallow Resistivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
Shallow Resistivity		
50	(Ohm-m)	500
50	Deep Resistivity (Ohm-m)	500

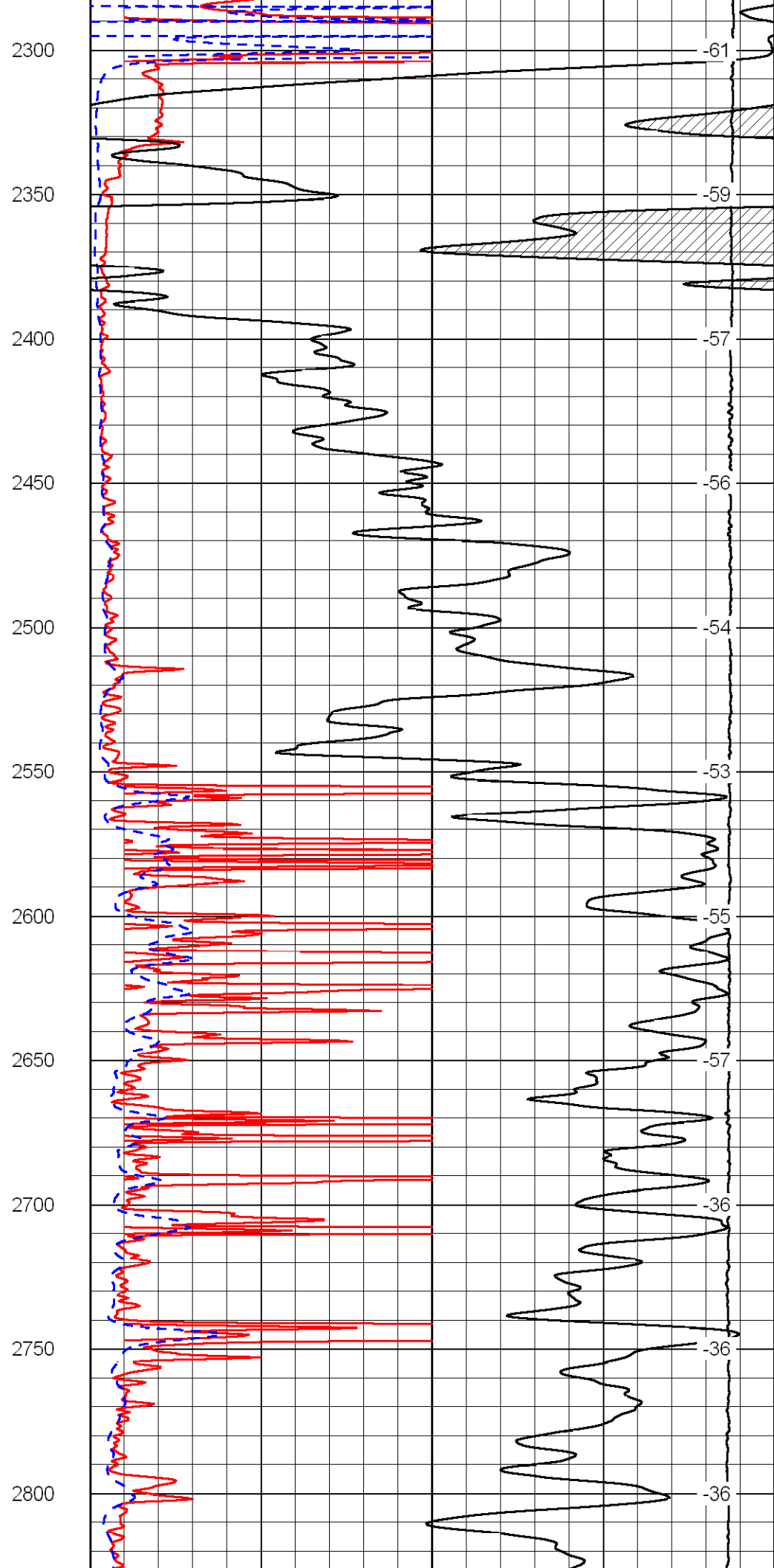
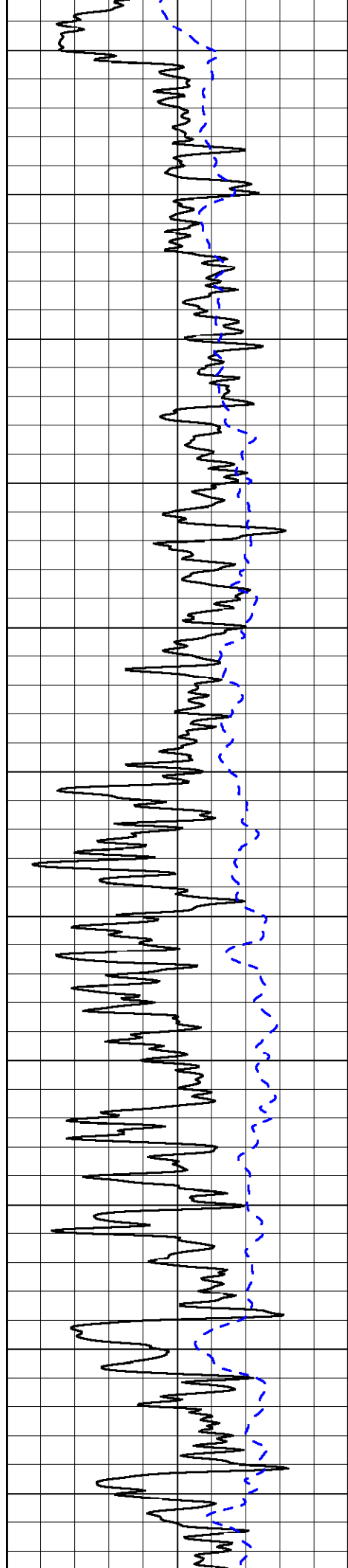
LSPD
(ft/min)

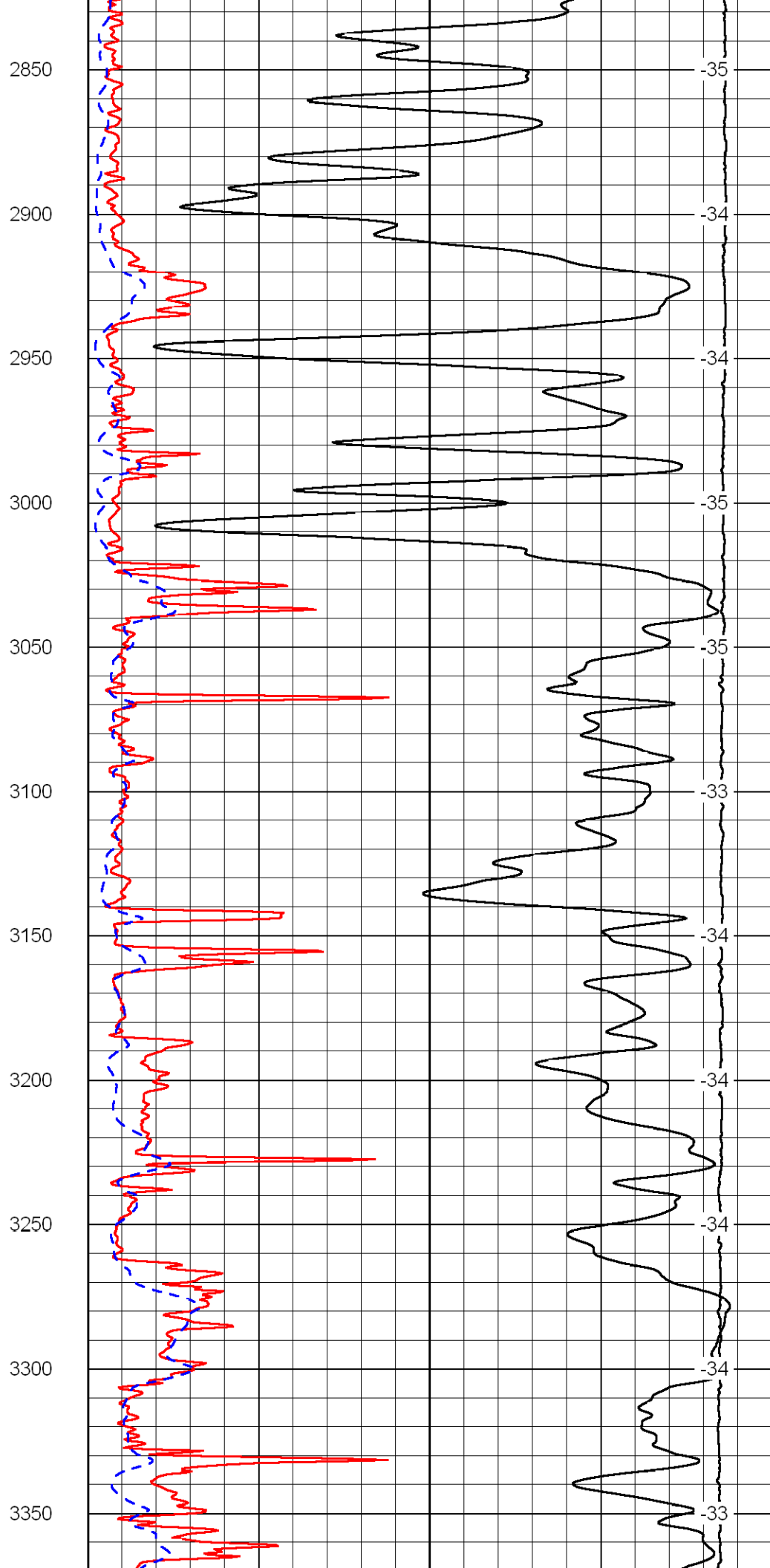
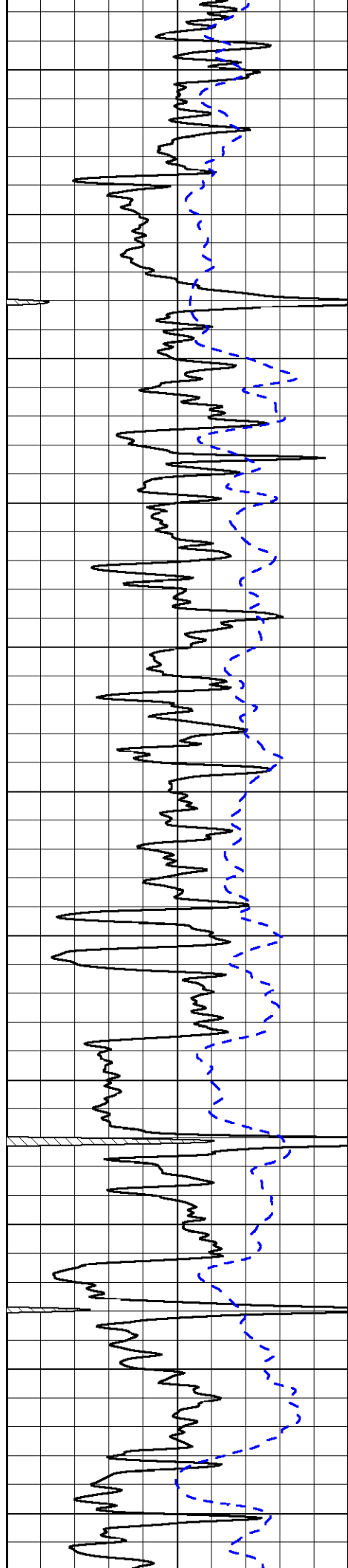


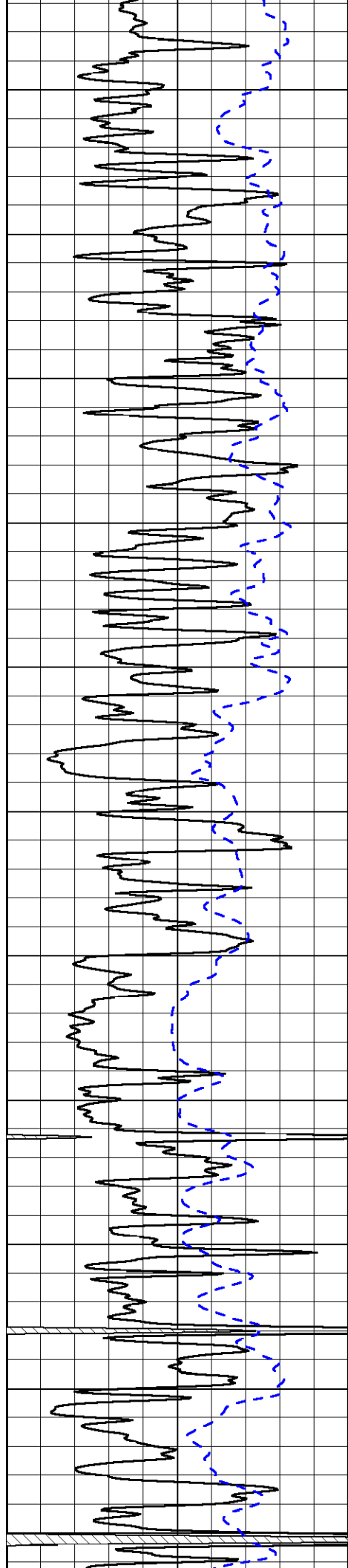












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3450

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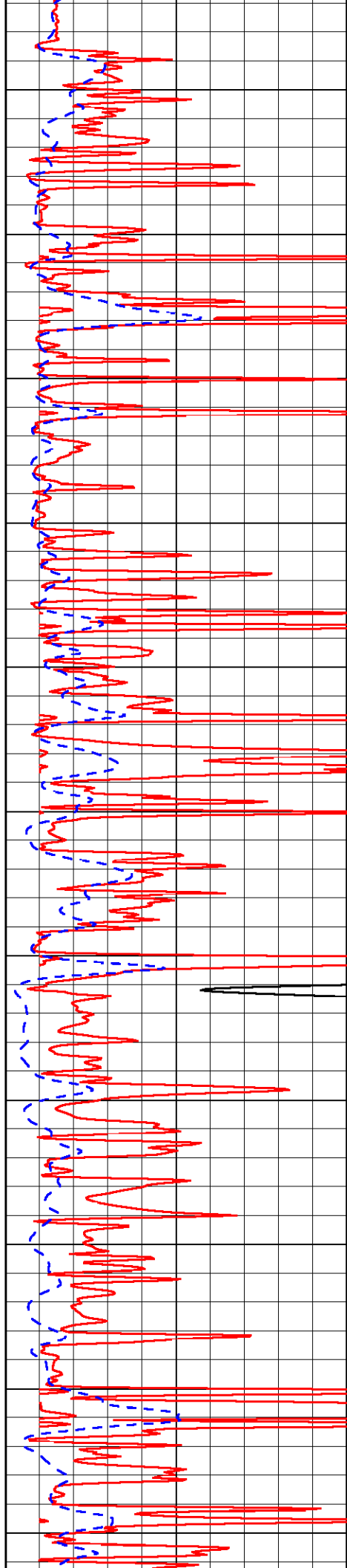
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3800

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3900



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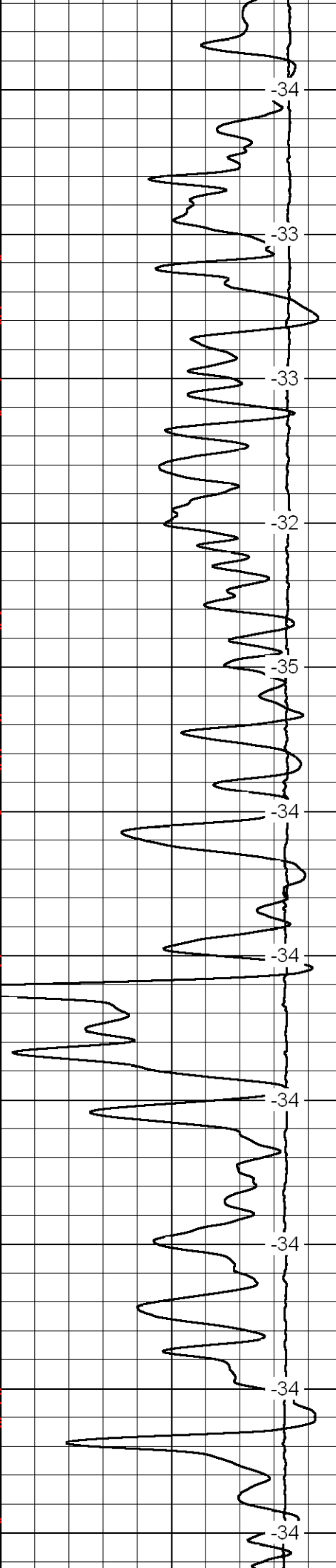
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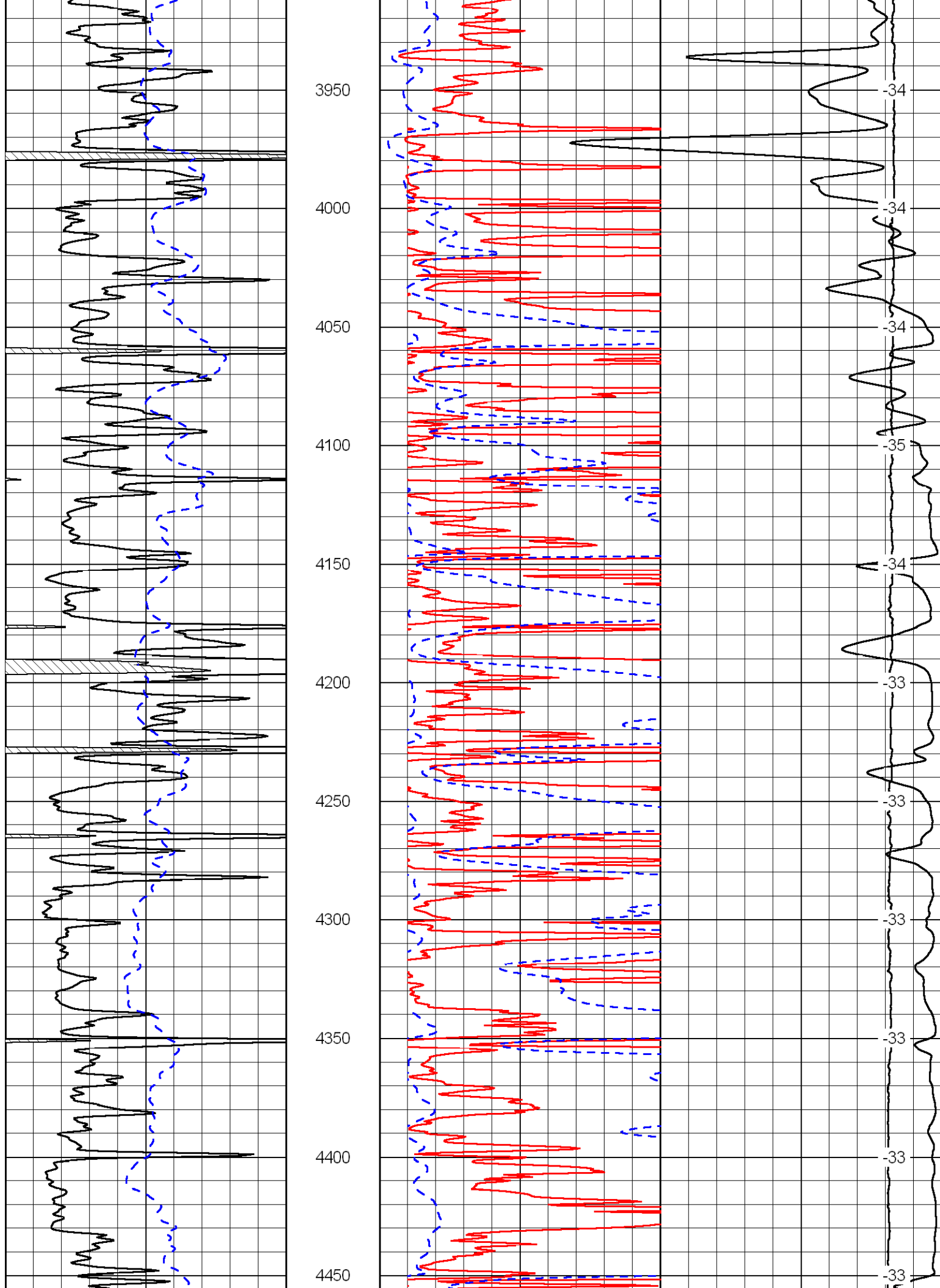
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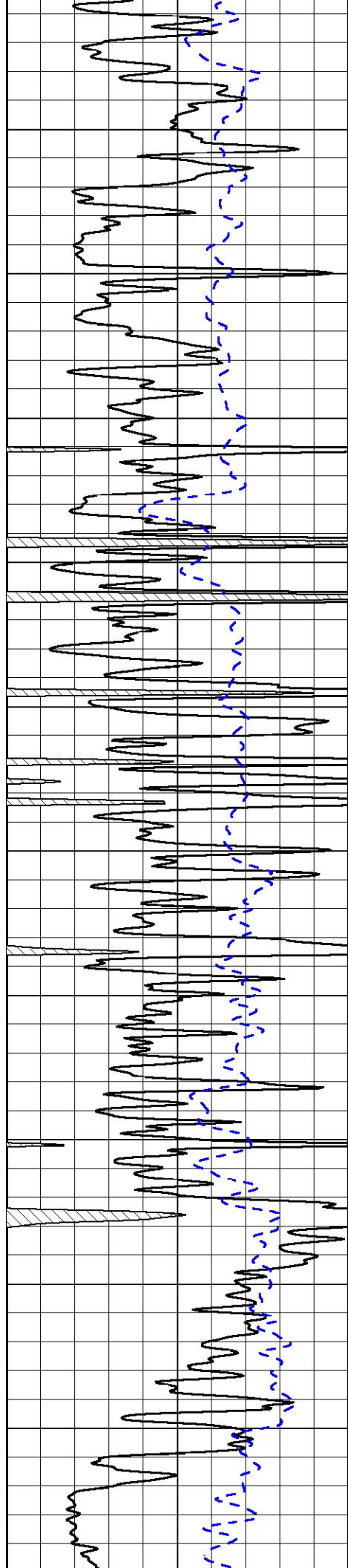
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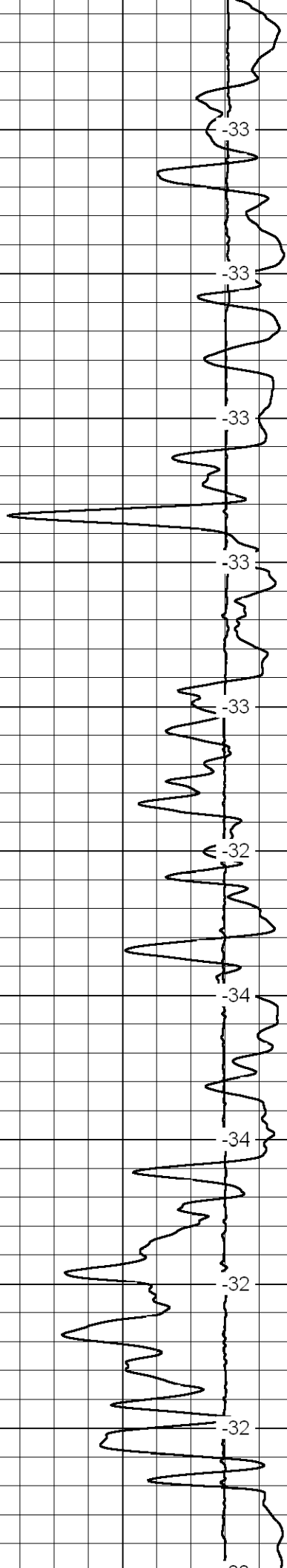
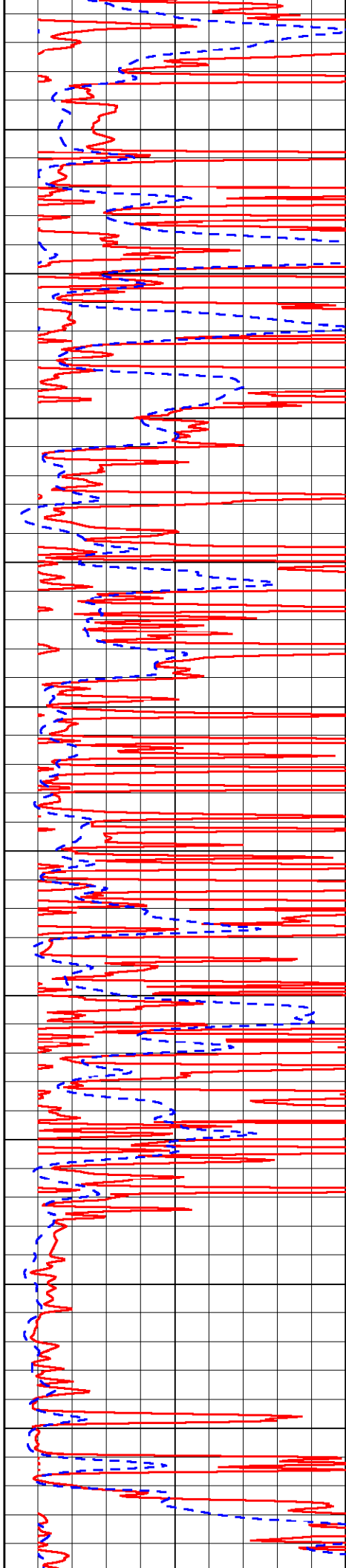
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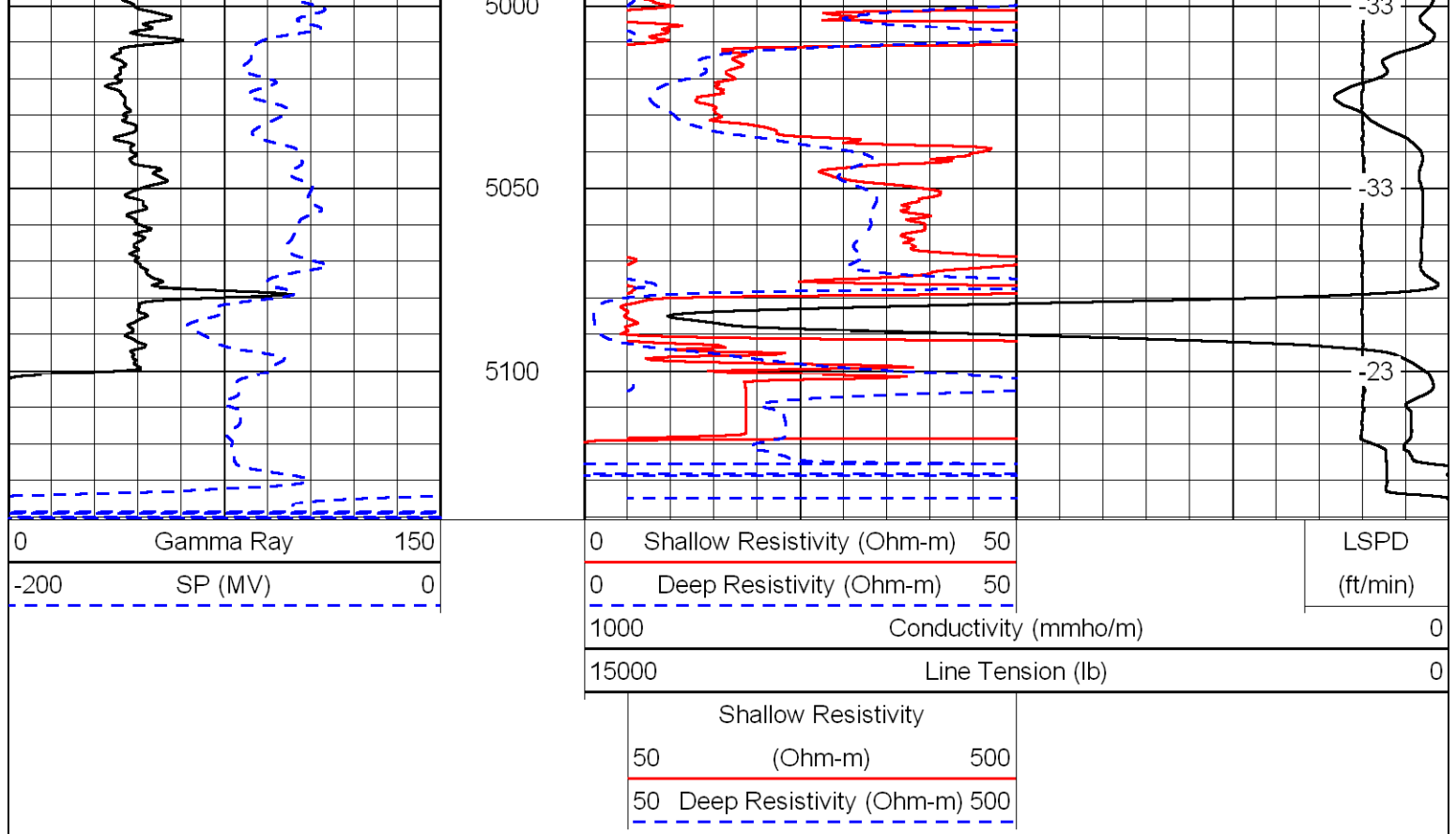
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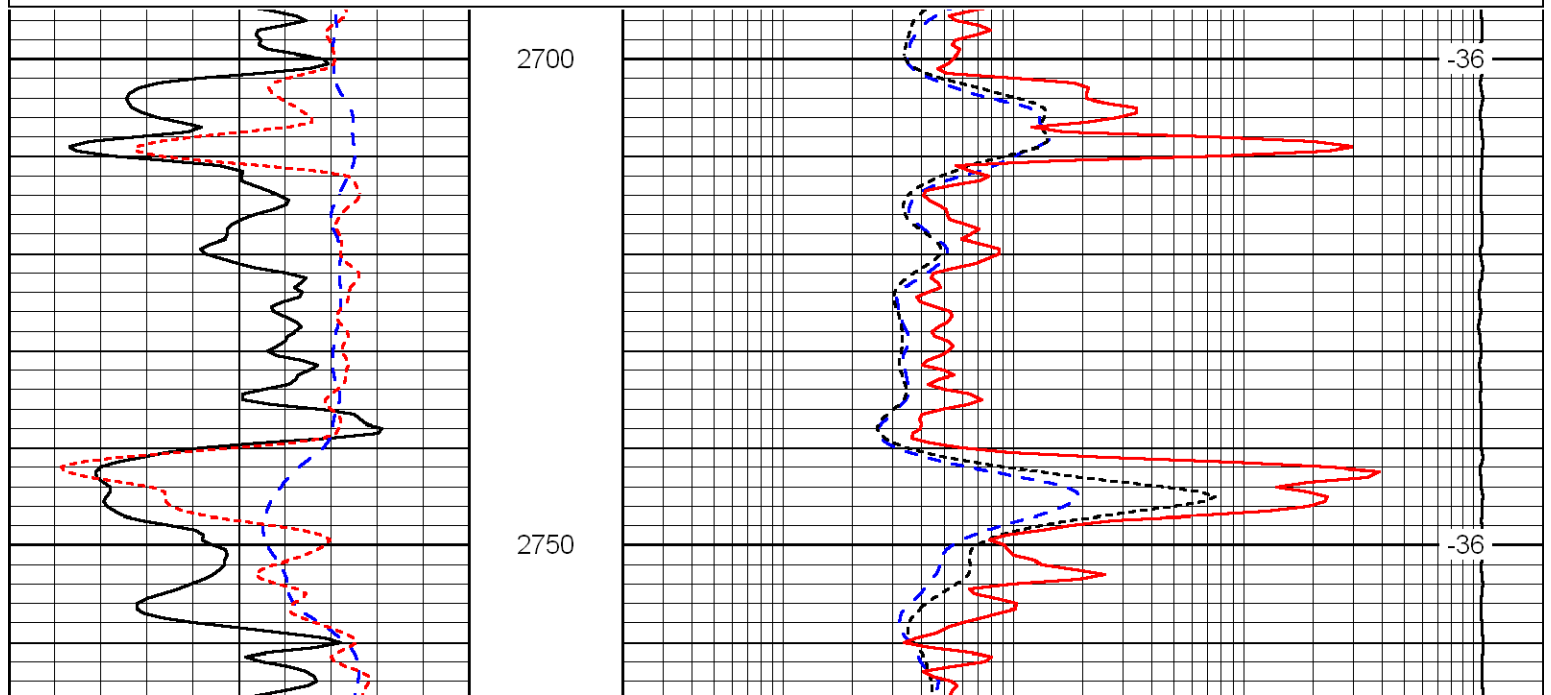
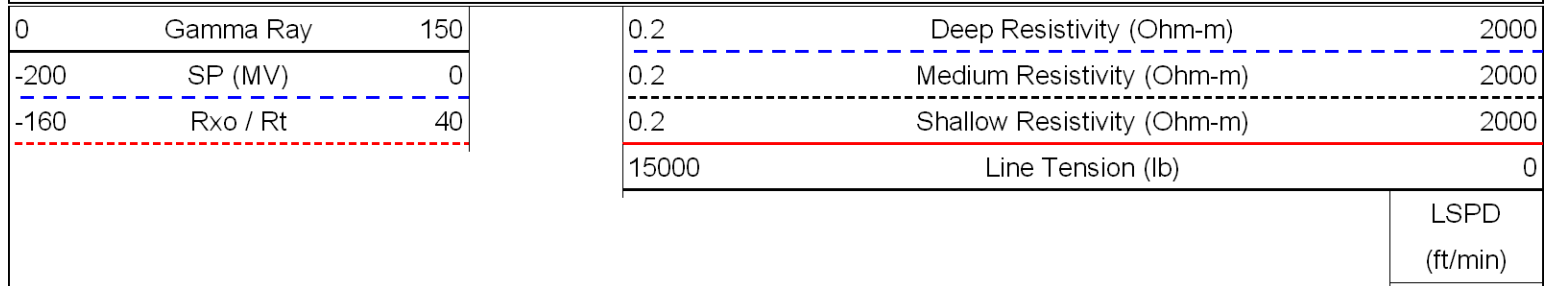
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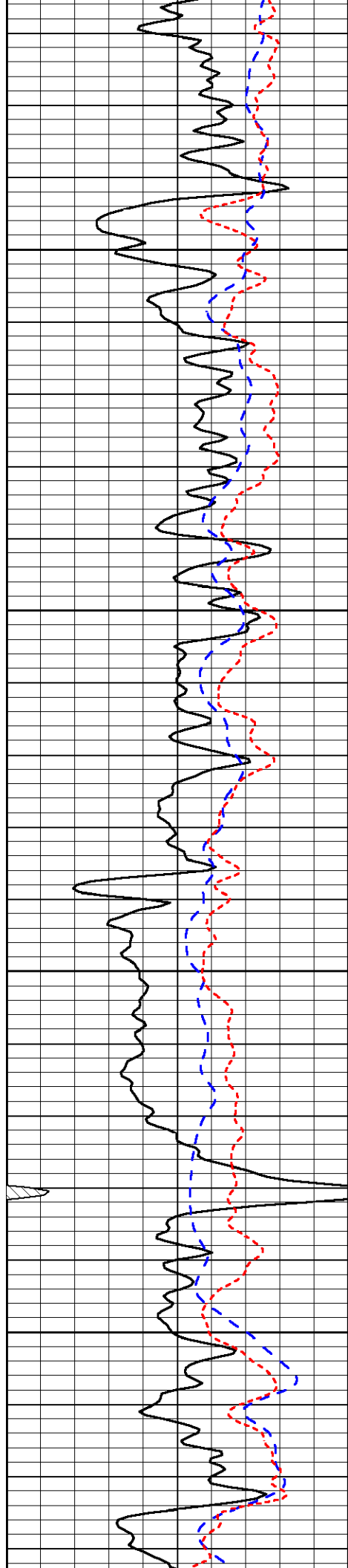
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Database File: c:\warrior\data\raymond oil_brack no. 1\raymndhd.db
 Dataset Pathname: dil/ray2in
 Presentation Format: dil
 Dataset Creation: Sun Nov 01 06:40:09 2009
 Charted by: Depth in Feet scaled 1:240



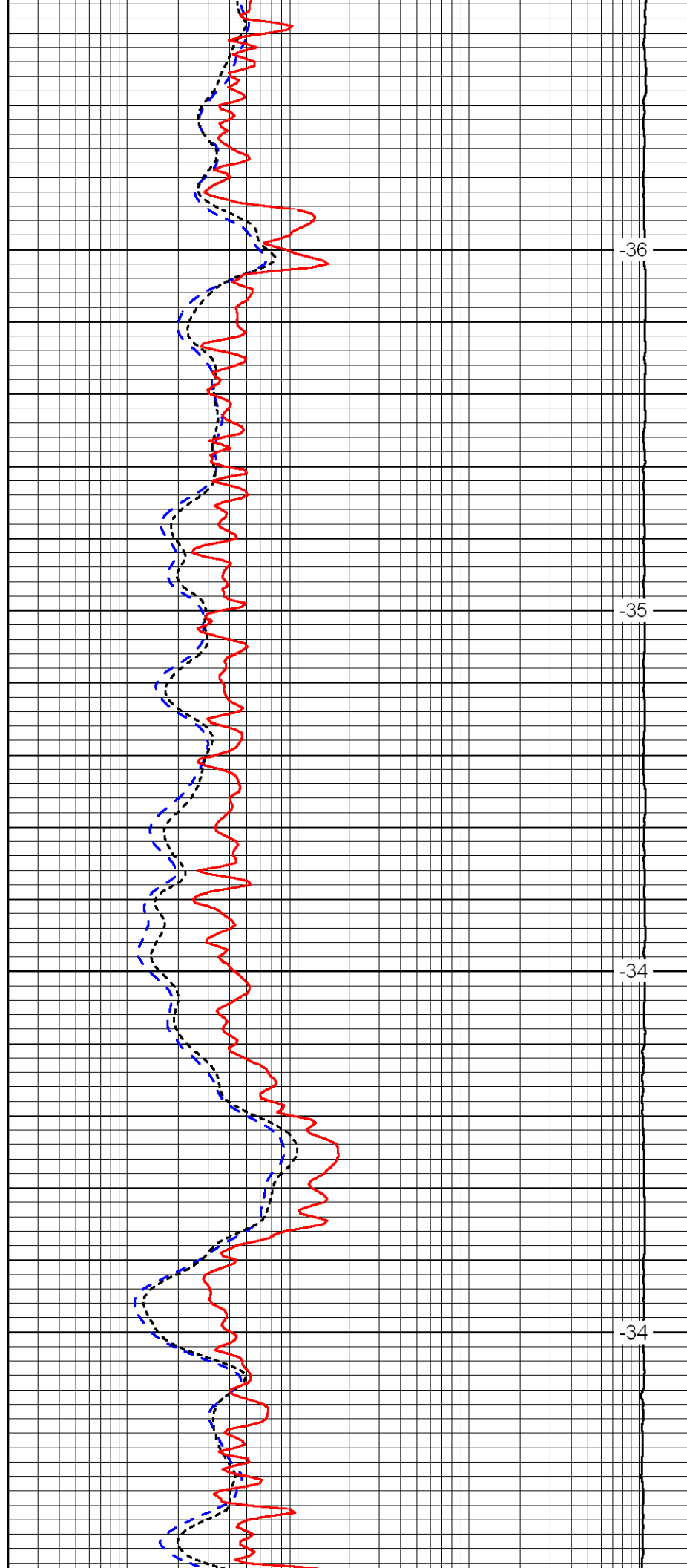


2800

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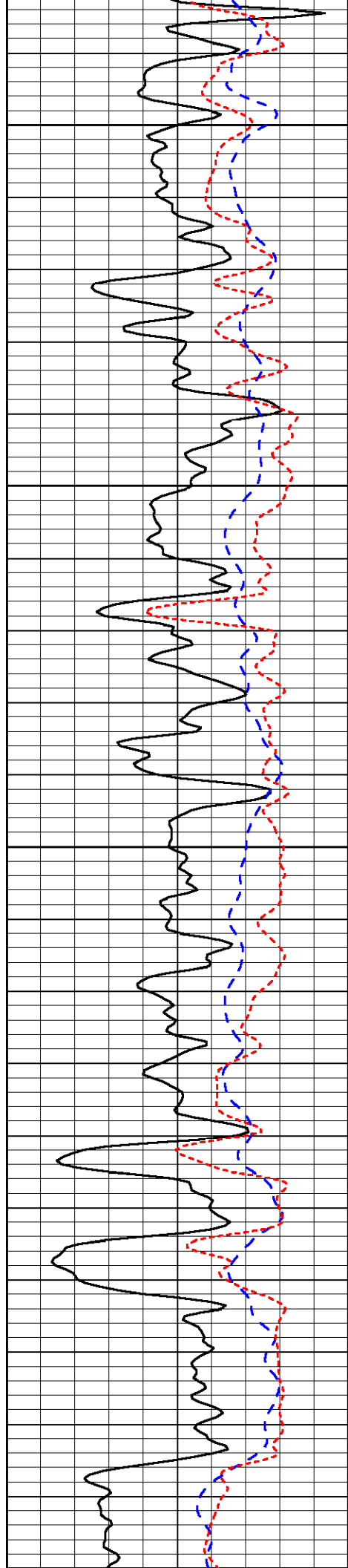


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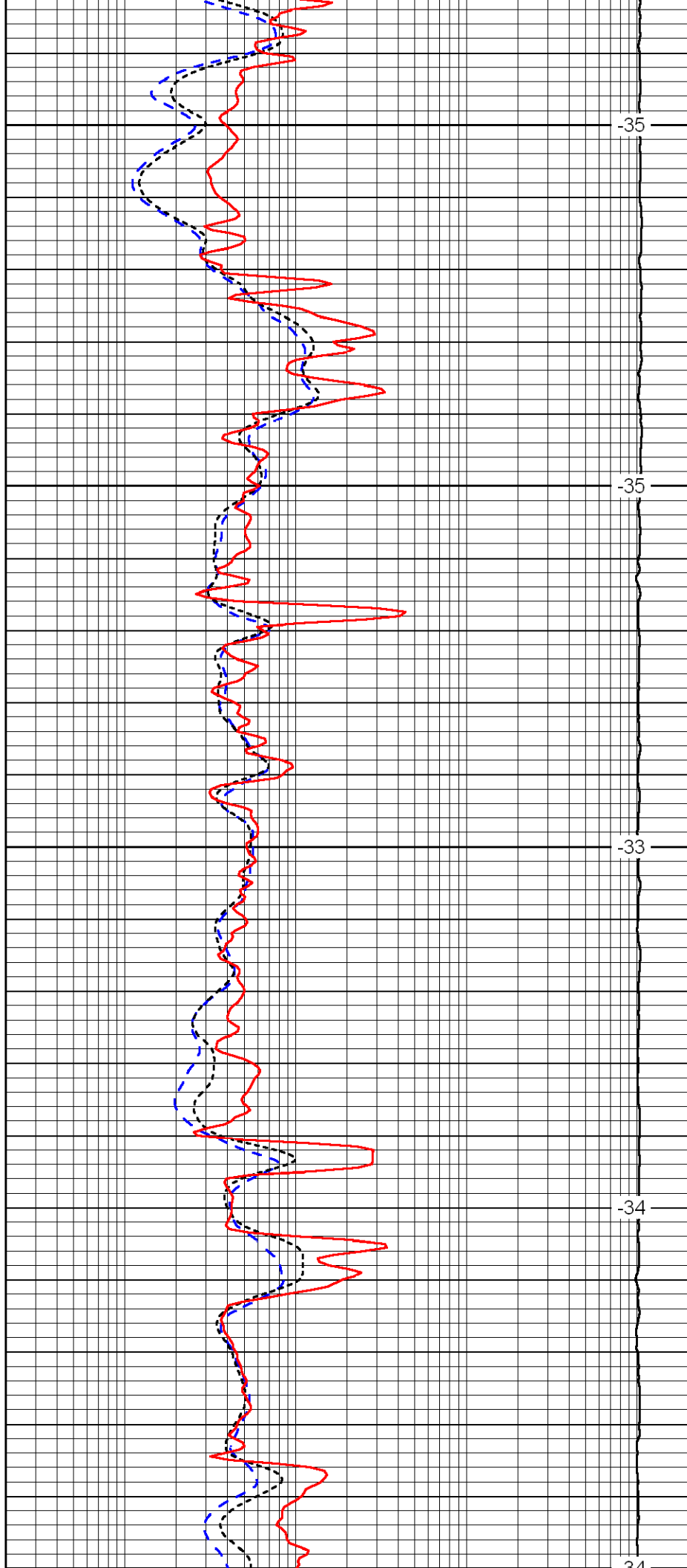
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3050

3100

3150

3200



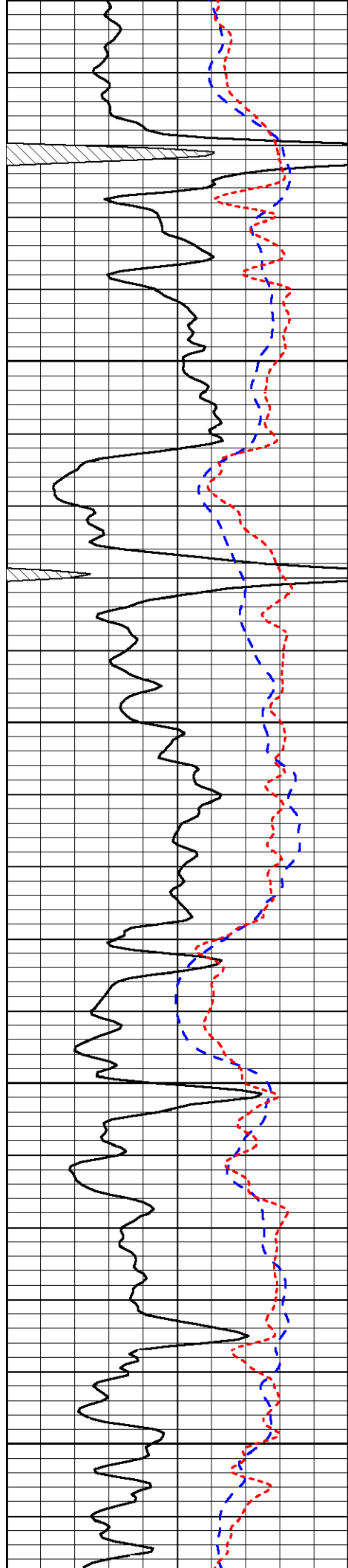
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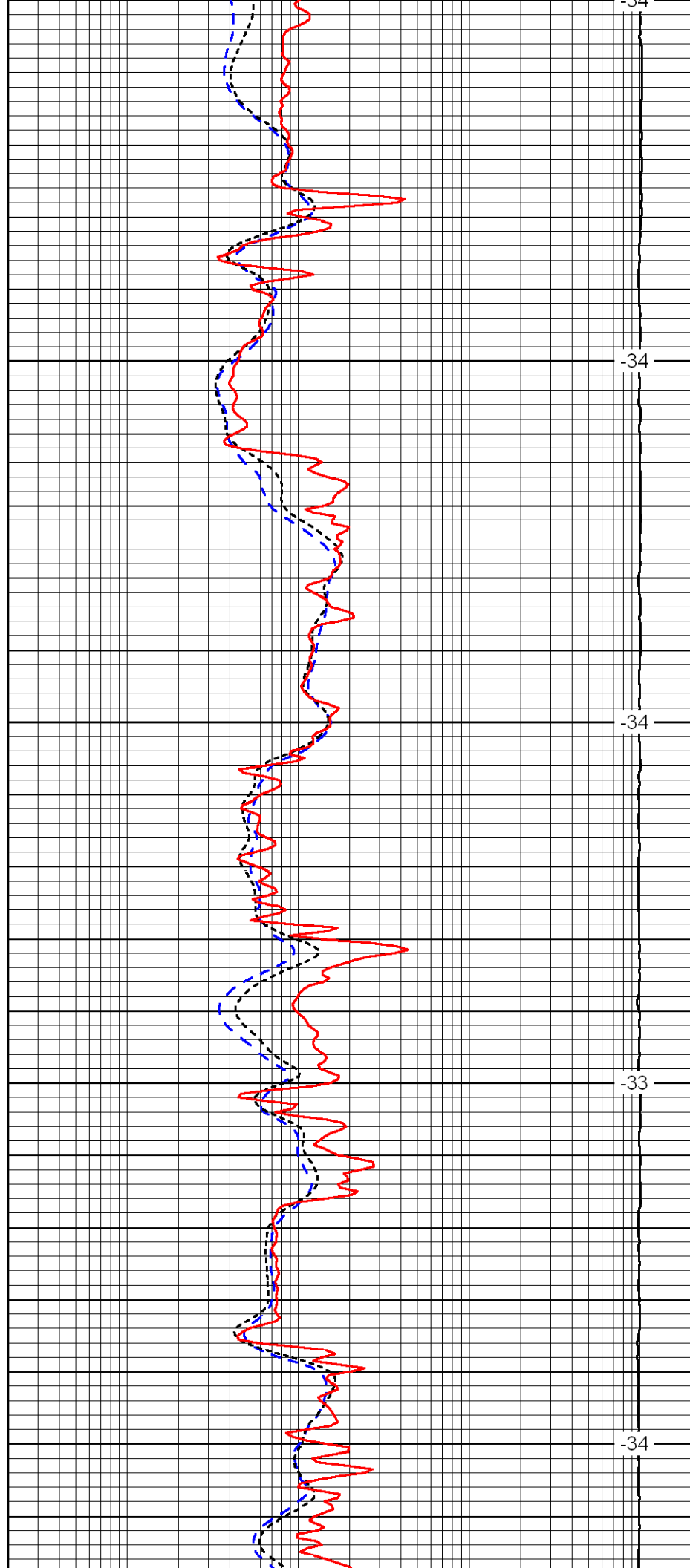
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3250

3300

3350

3400



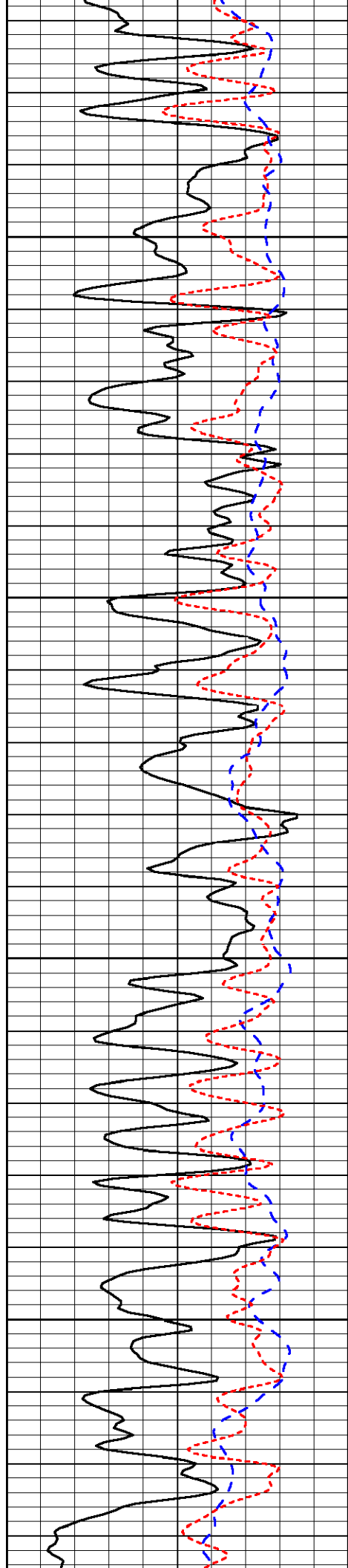
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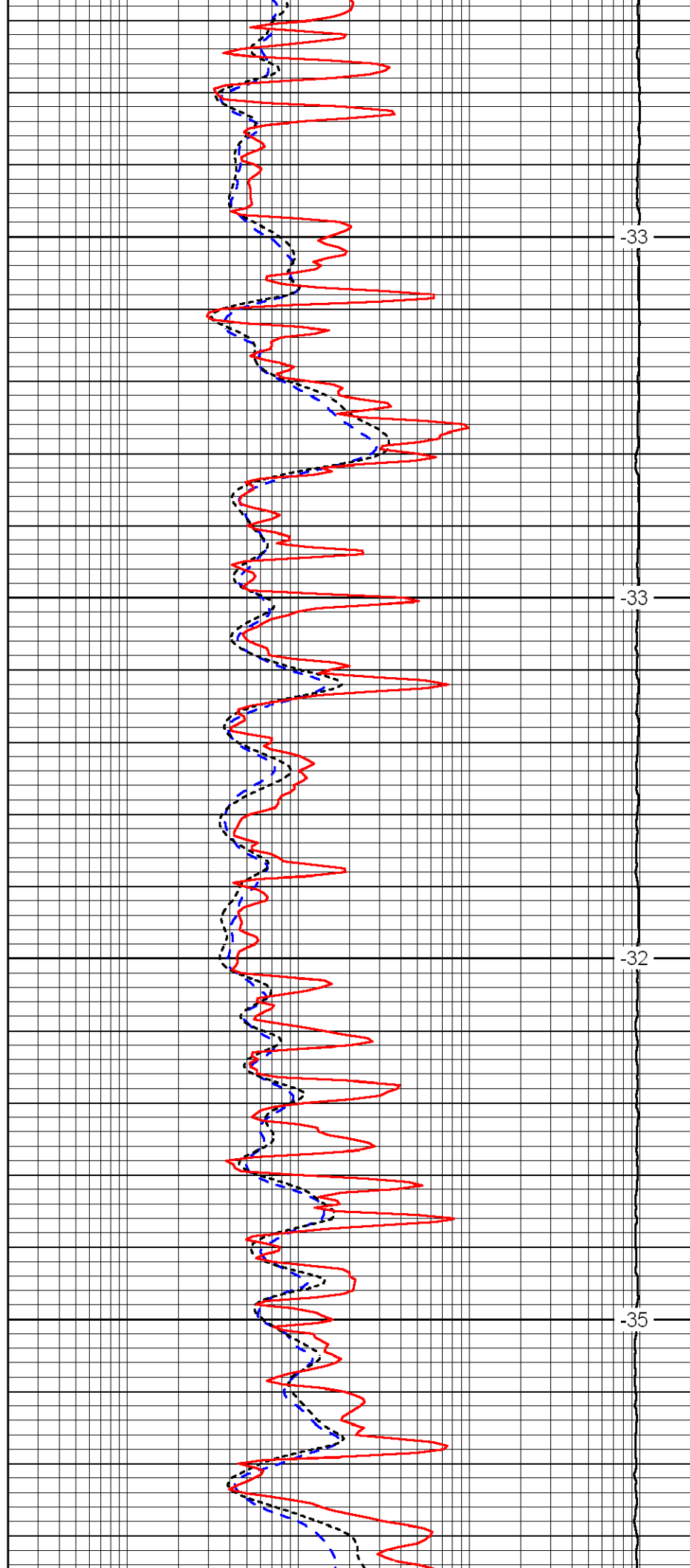


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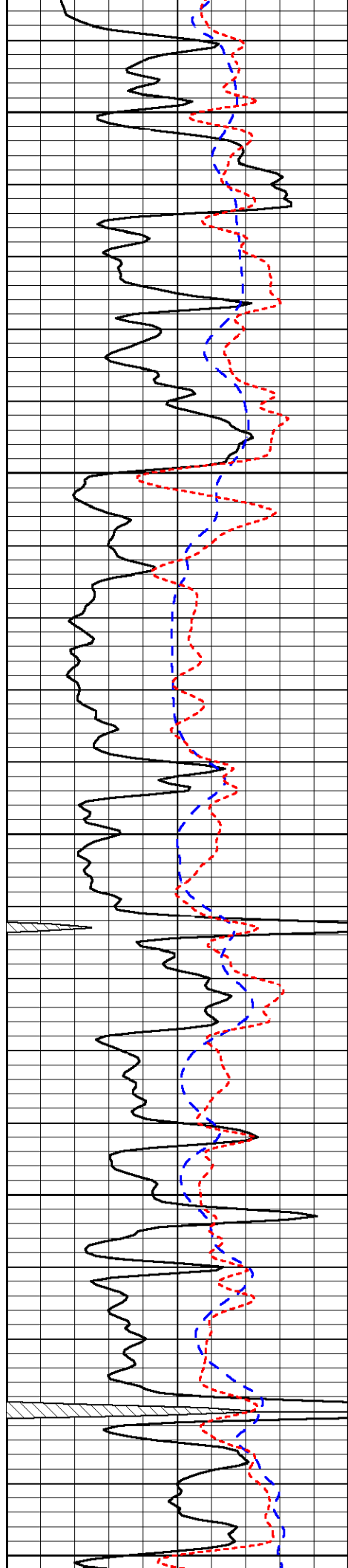


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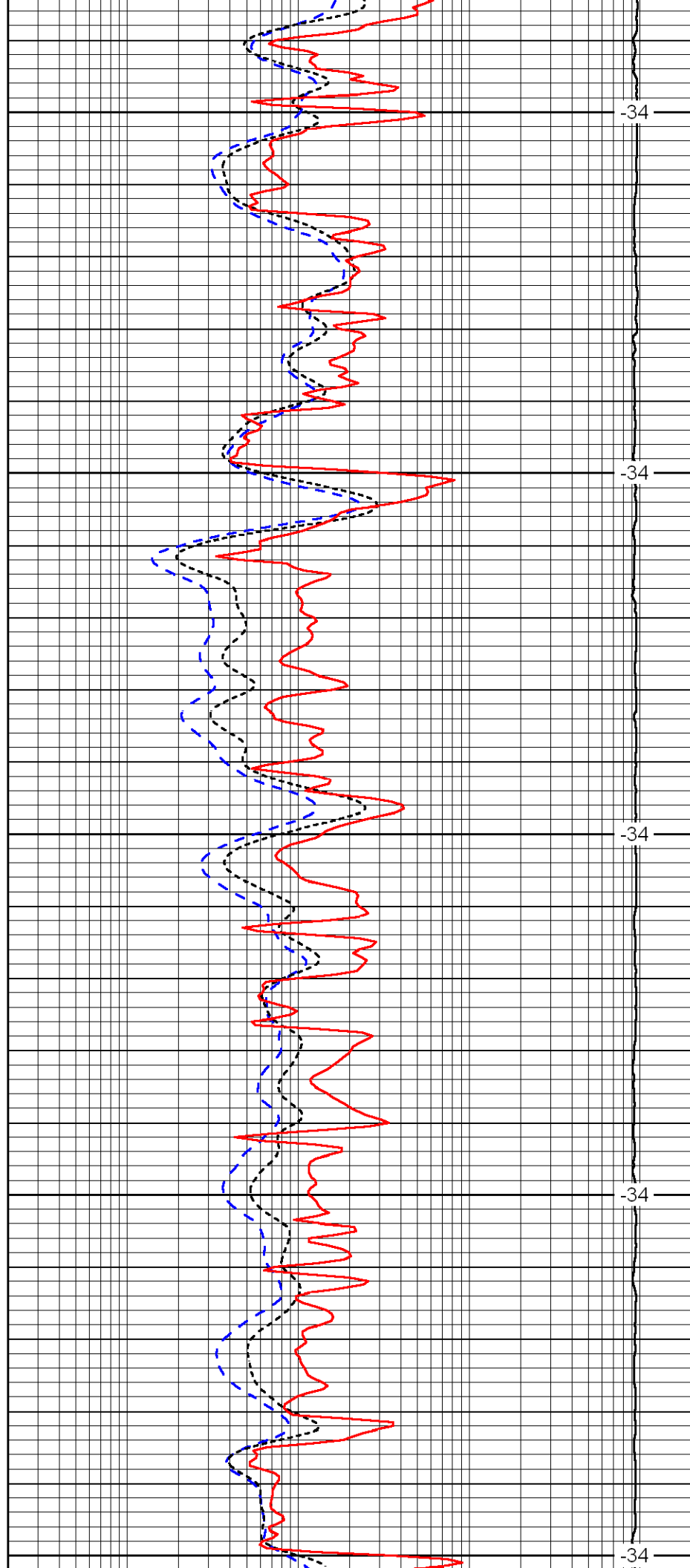
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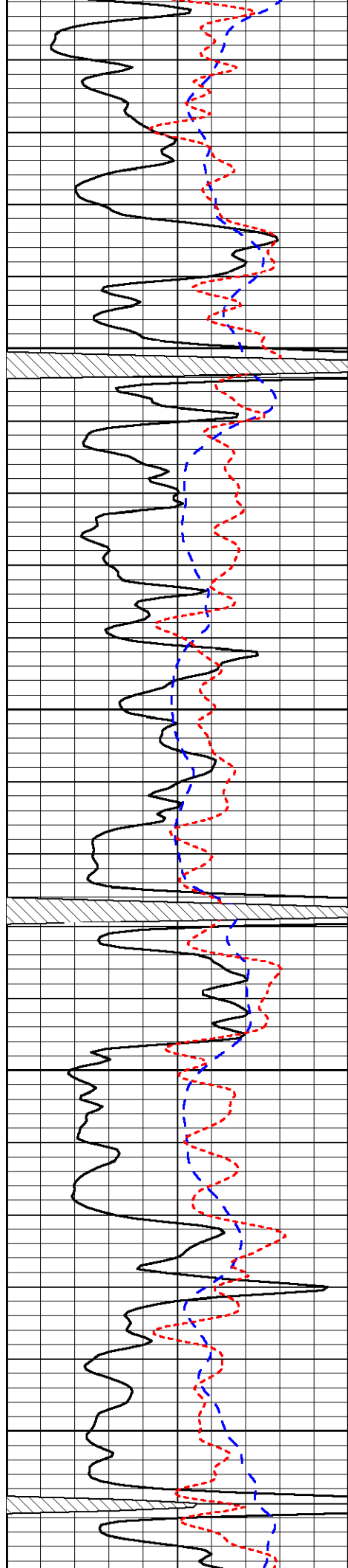
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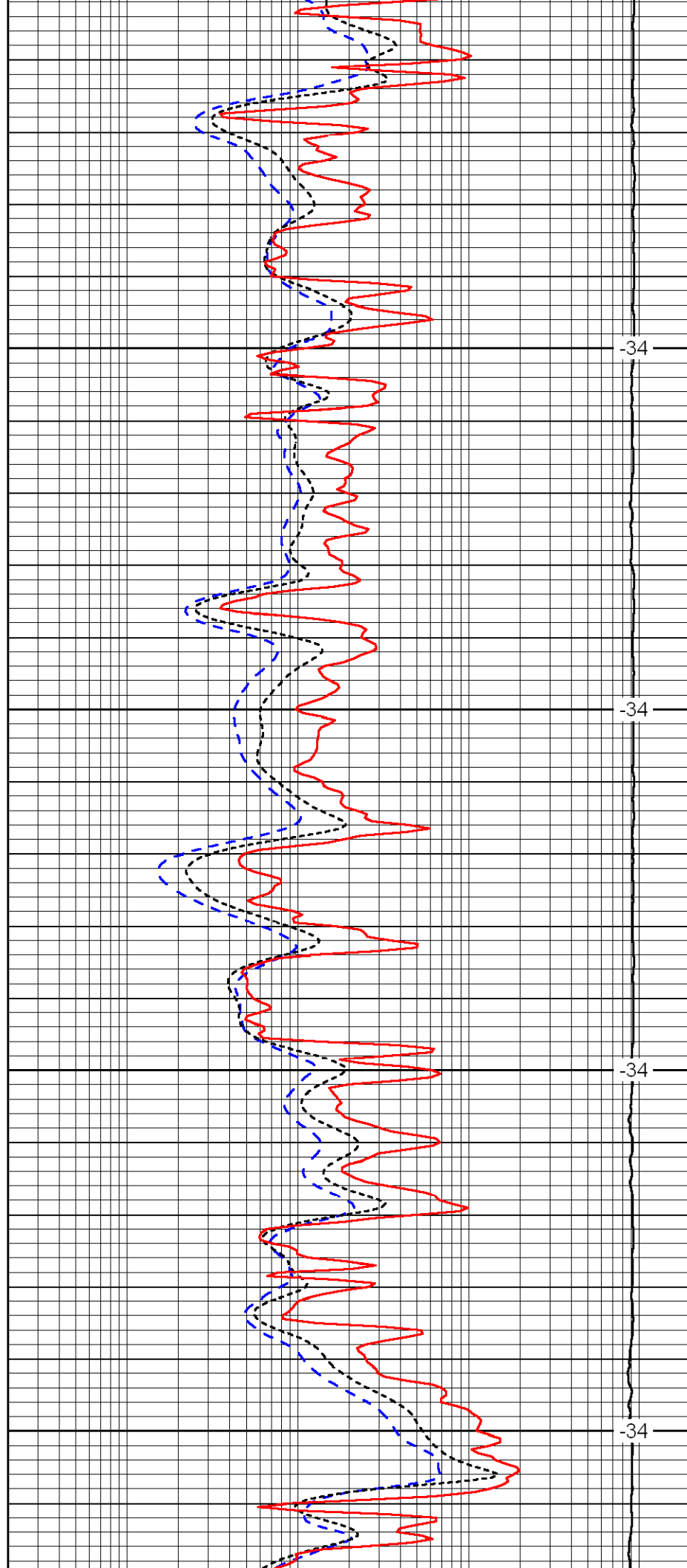


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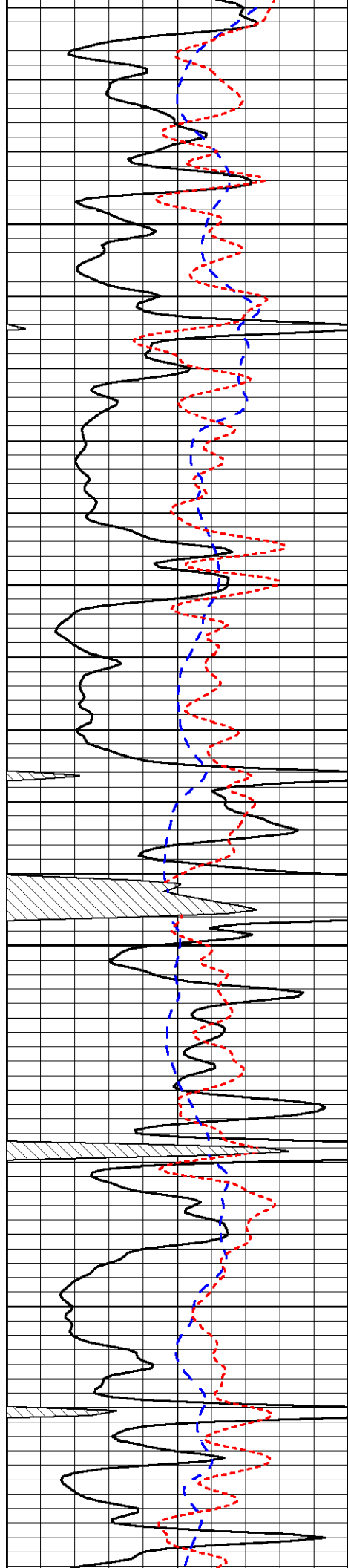


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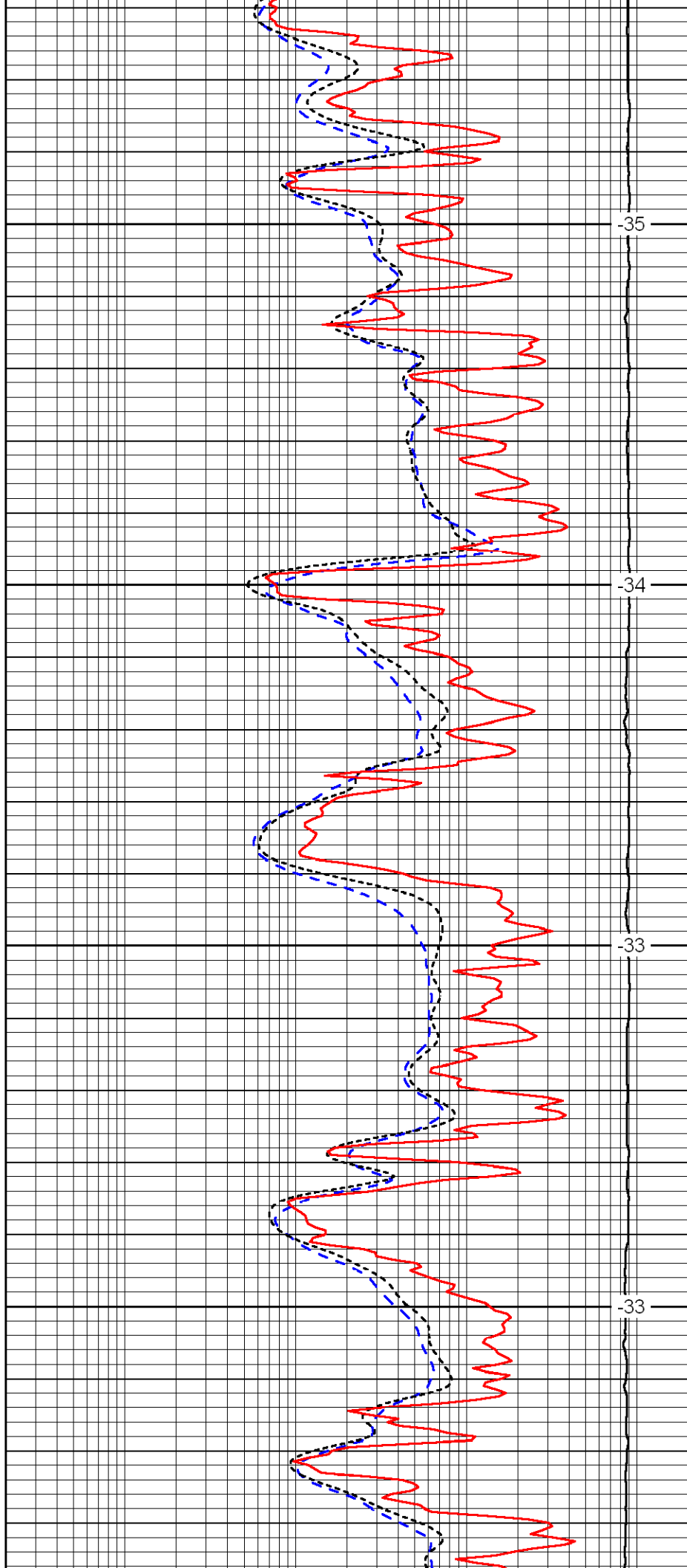


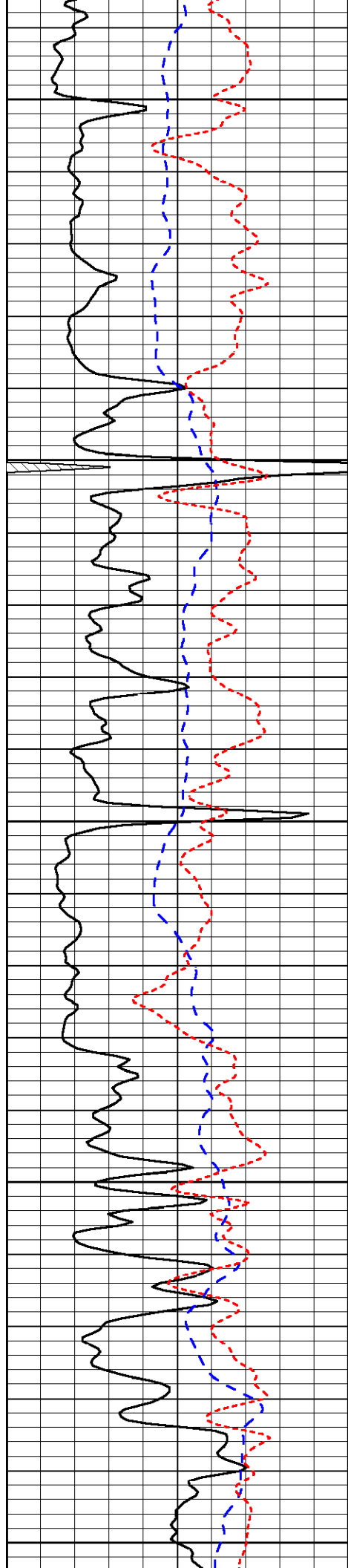
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4150

4200

4250





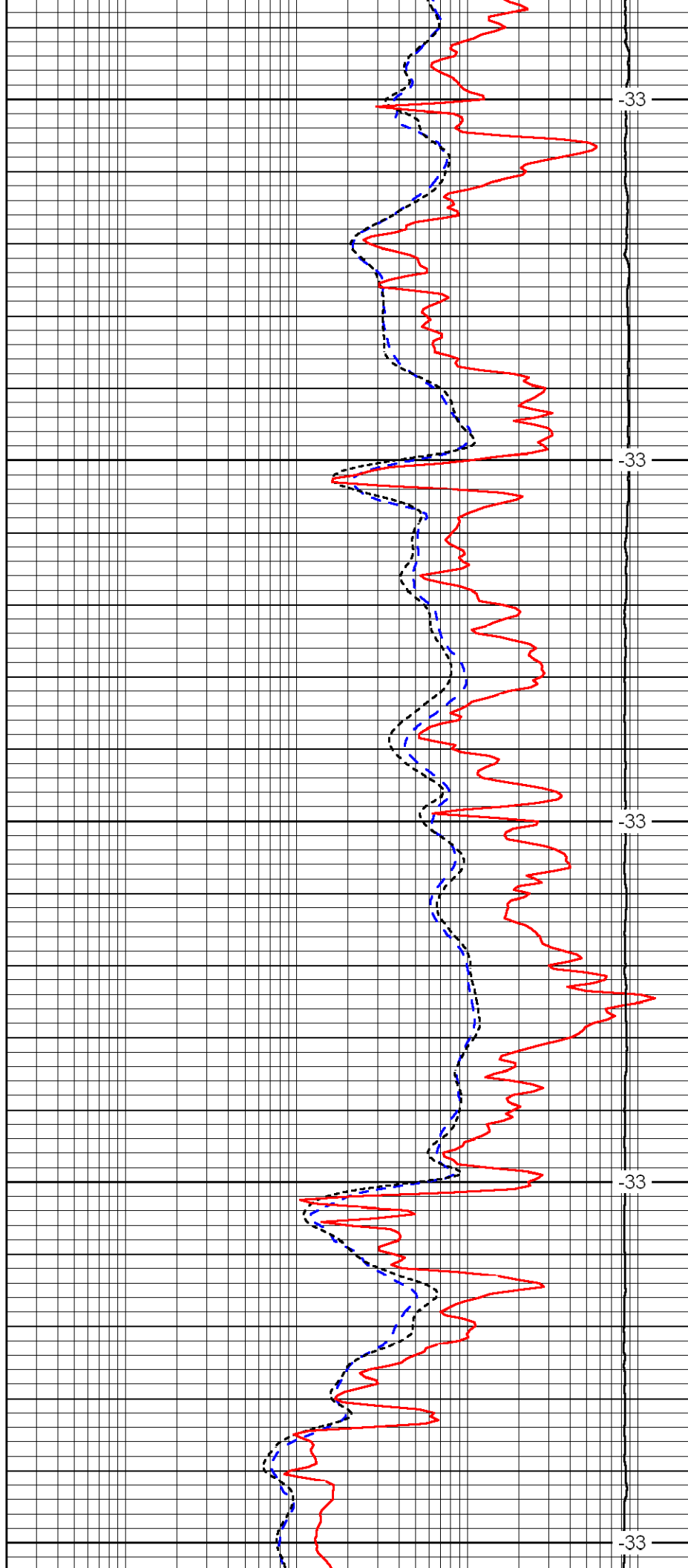
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4400

4450

4500



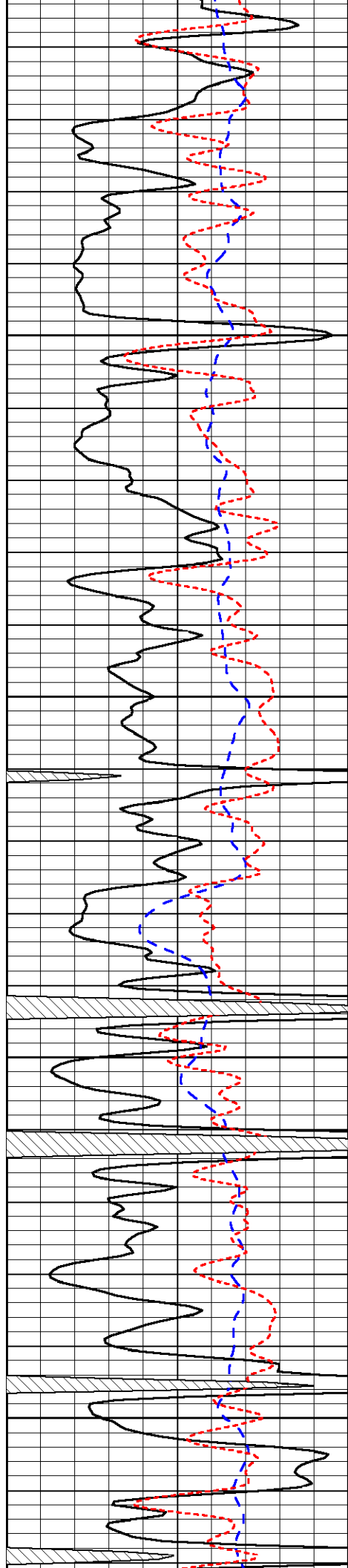
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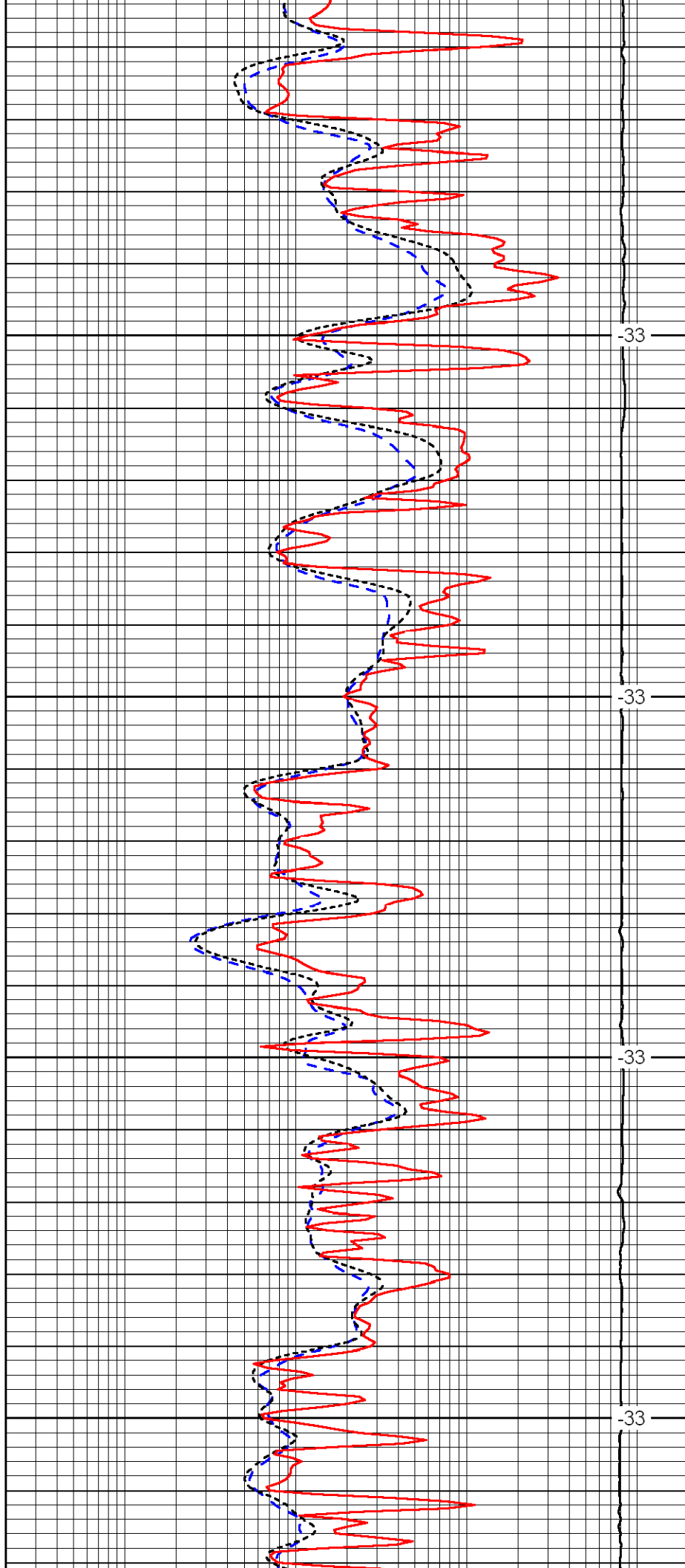


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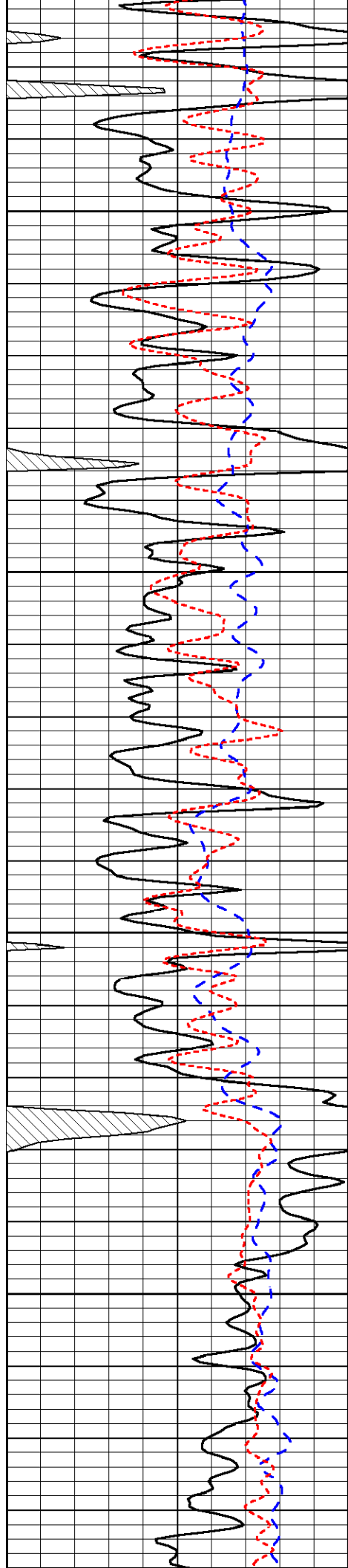


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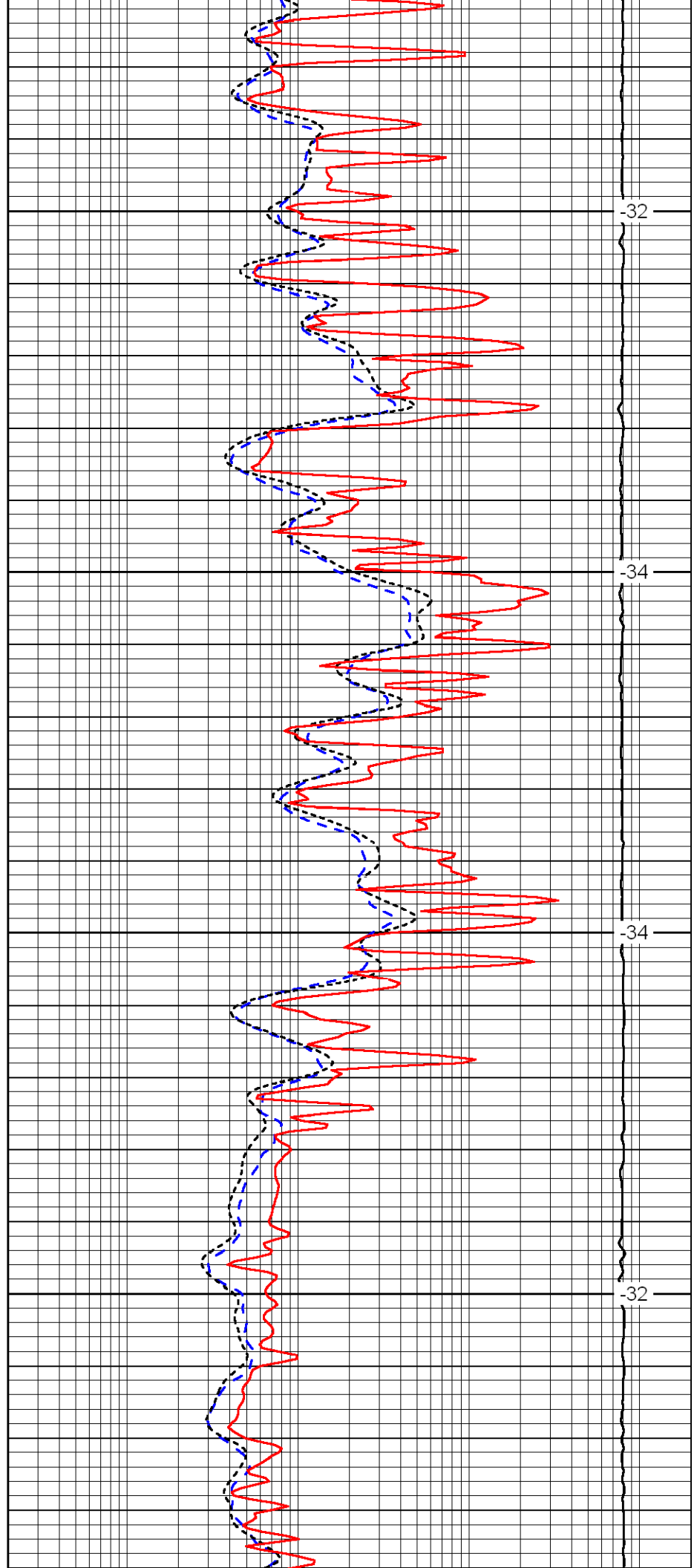


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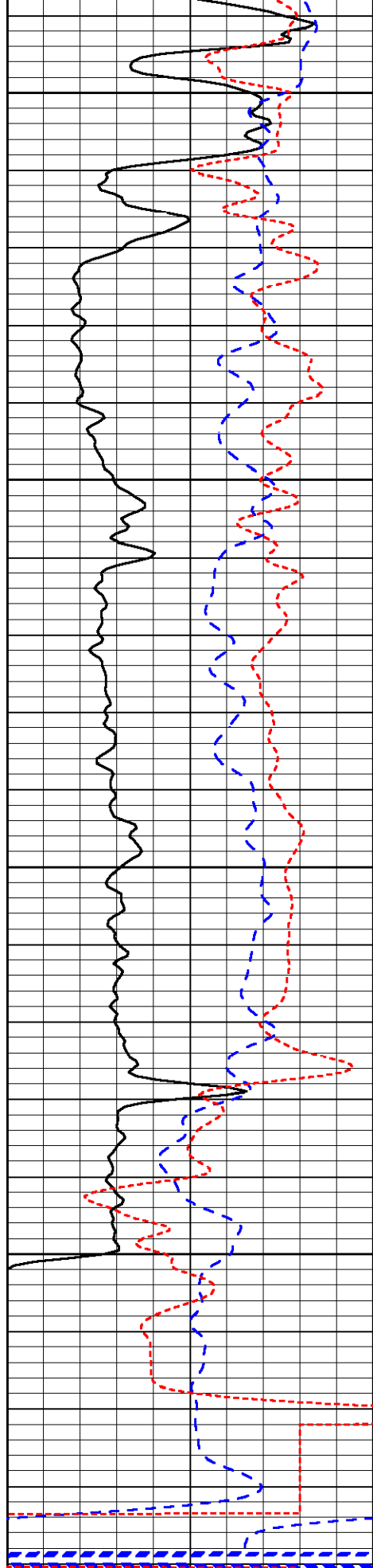


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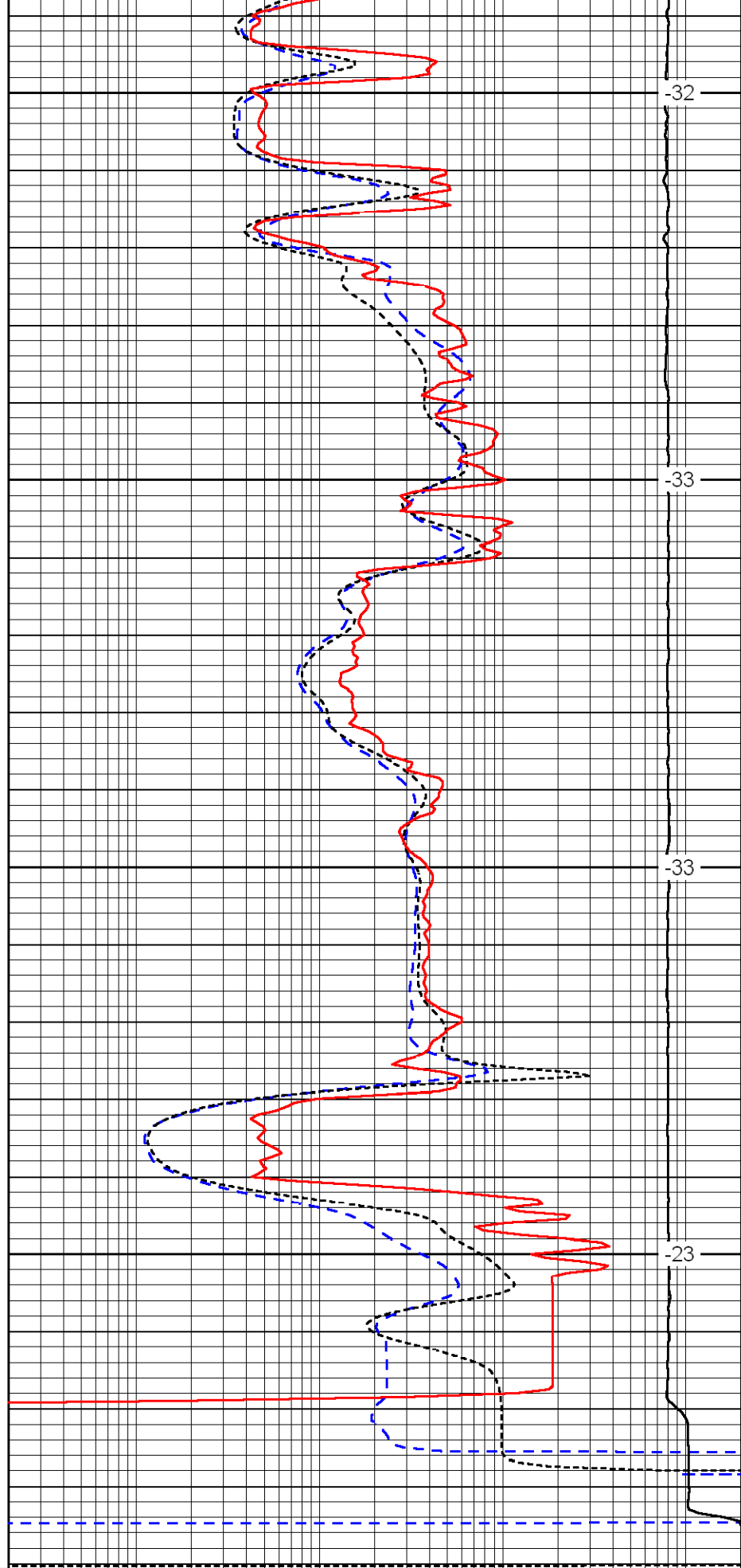
0	Gamma Ray	150
-200	SP (MV)	0
-160	Rxo / Rt	40

4950

5000

5050

5100



0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000

-32

-33

-33

-23

	15000	Line Tension (lb)	0
			LSPD (ft/min)