

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-015-23,872-00-00

Company Range Oil Company, Inc.

Well Seglem No. 2

Field Reynolds - Schaffer

County Butler State Kansas

Location 1660' FNL & 1740' FWL

Sec: 16 Twp: 27 S Rge: 6 E

Other Services
CNL/CDL
BHCS

Permanent Datum Ground Level Elevation 1387

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation

K.B. 1397

D.F. 1387

Date 8/7/2010

Run Number One

Depth Driller 3127

Depth Logger 3128

Bottom Logged Interval 3127

Top Log Interval 200

Casing Driller 8.625 @ 213

Casing Logger 212

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 1000

Density / Viscosity 9.5 54

pH / Fluid Loss 8.5 8.6

Source of Sample Flowline

Rm @ Meas. Temp 2.4 @ 78

Rmf @ Meas. Temp 1.8 @ 78

Rmc @ Meas. Temp 3.24 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT 1.75 @ 107

Operating Rig Time 4 Hours

Max Rec. Temp. F 107

Equipment Number 15

Location Hays

Recorded By B. Becker

Witnessed By John Washburn

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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

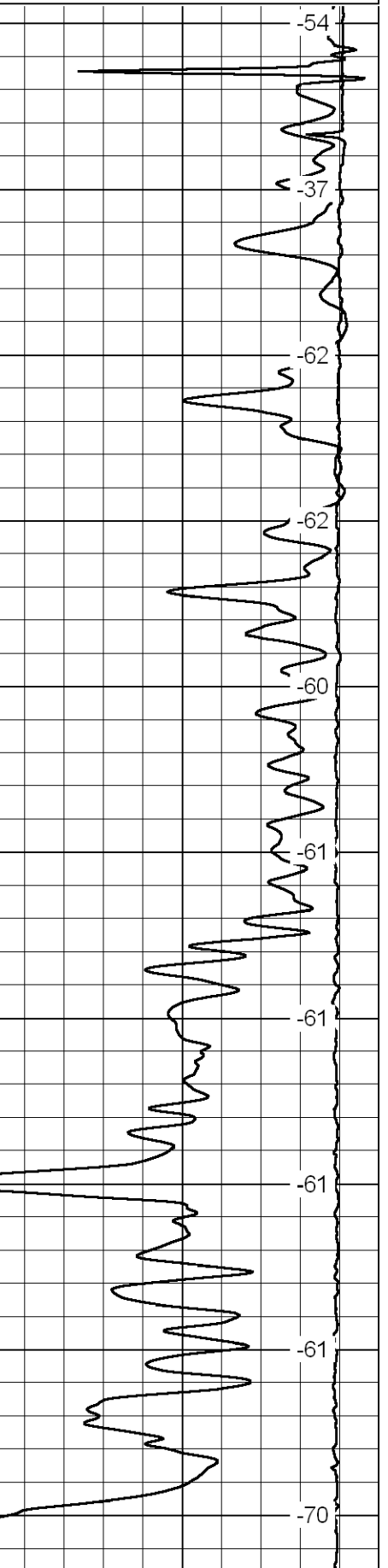
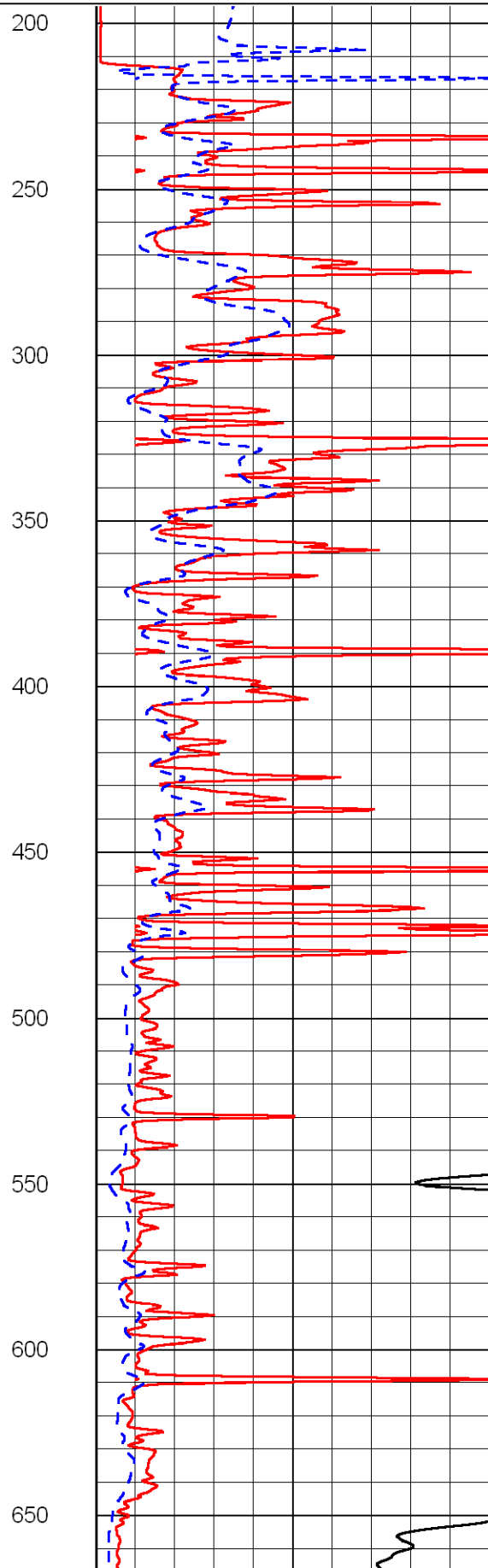
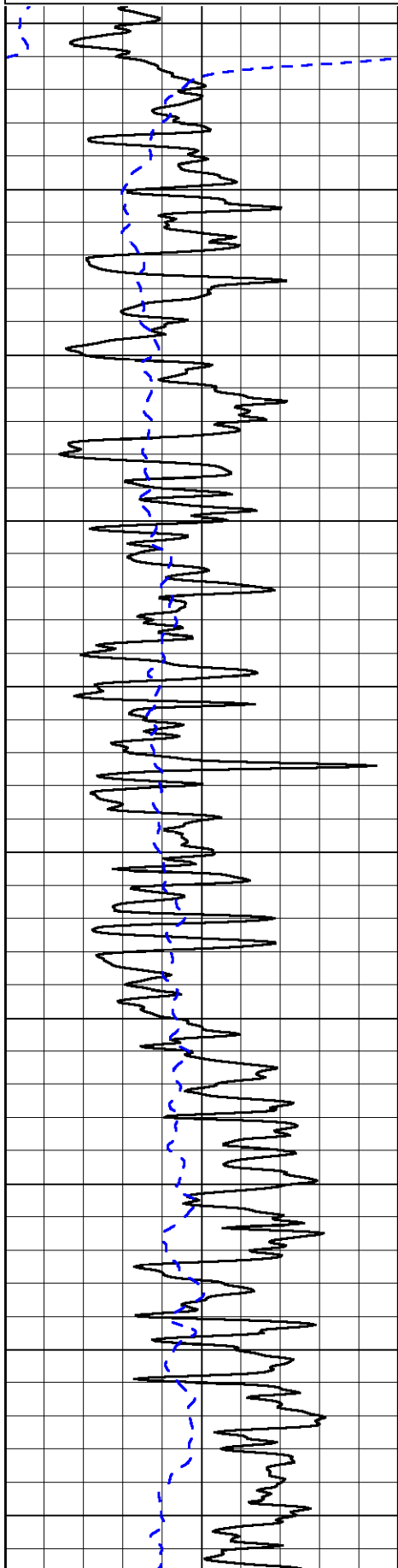
El Dorado, Ks; East on Hwy 54 to Bluestem Rd;
7 South to 80th Rd; 1/2 East;
South into @ tank batteries

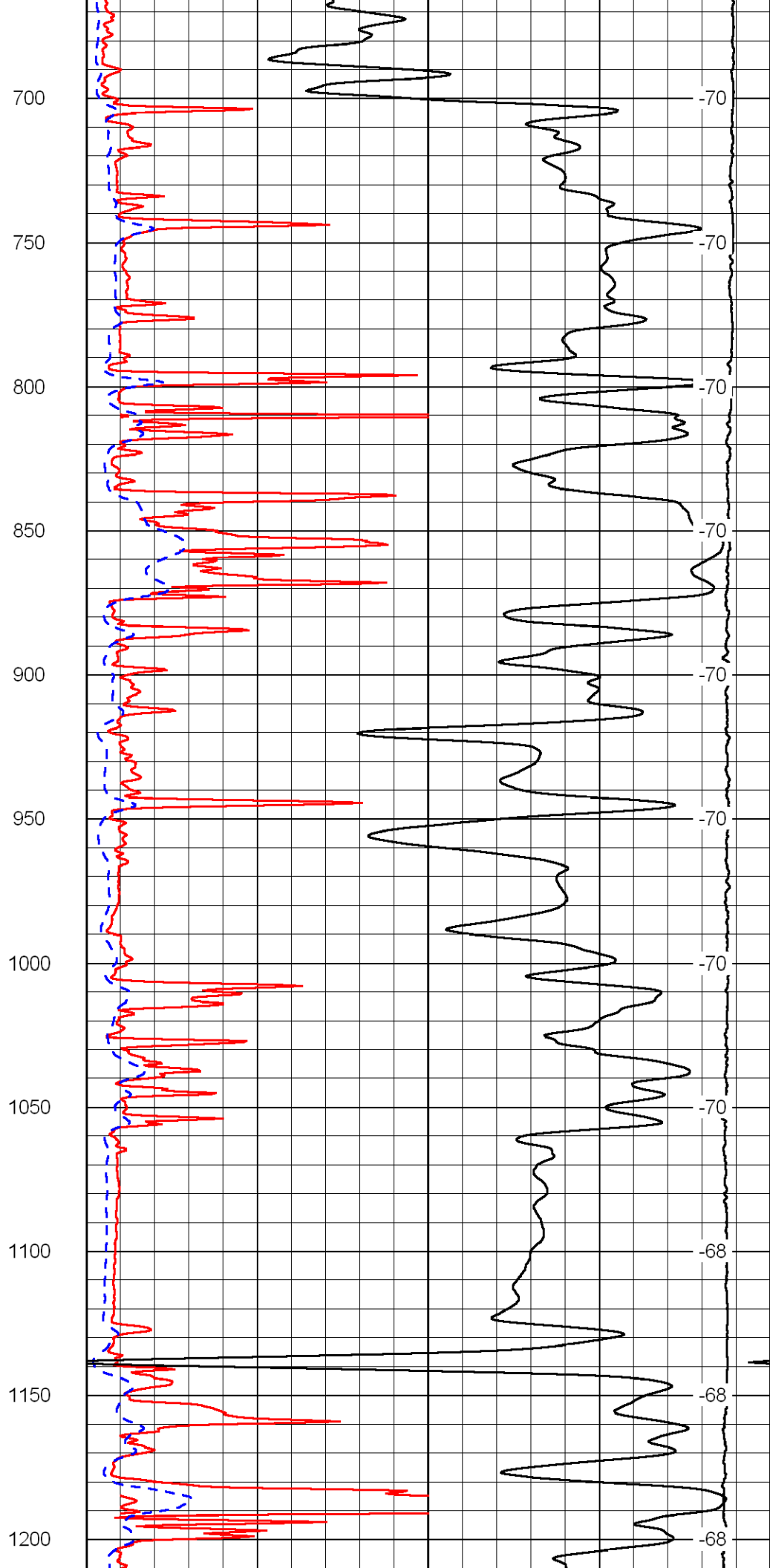
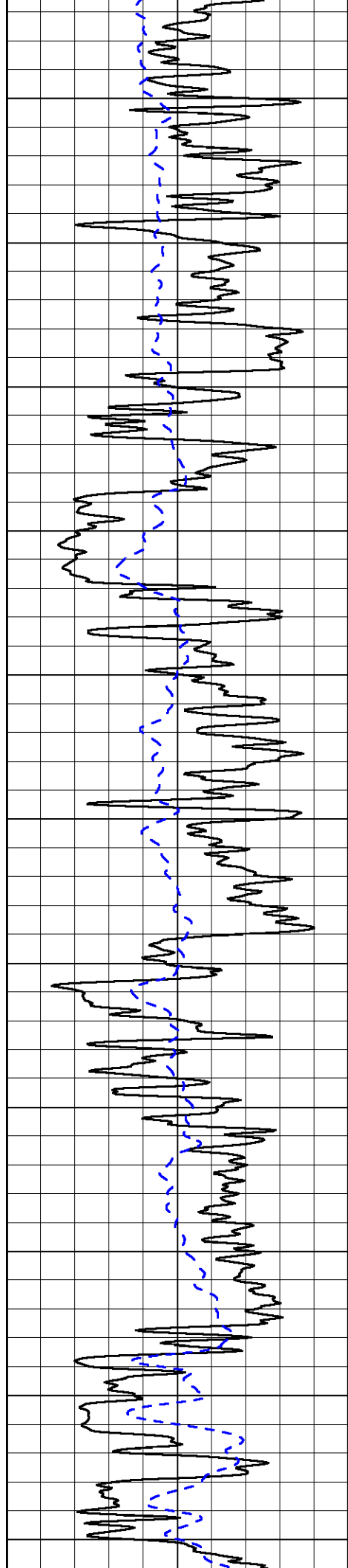
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Dataset Creation: Sat Aug 07 05:16:46 2010
Charted by: Depth in Feet scaled 1:600

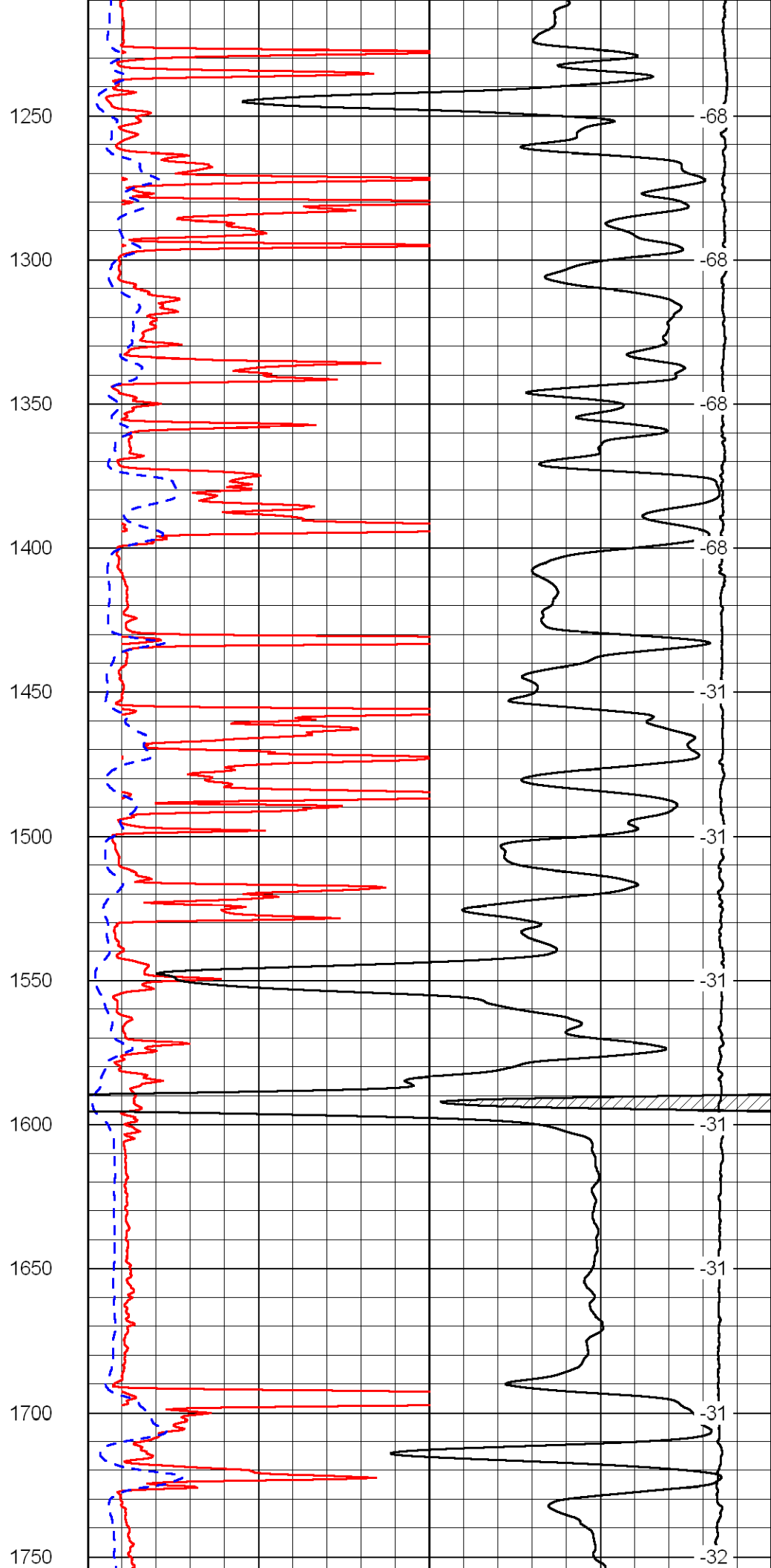
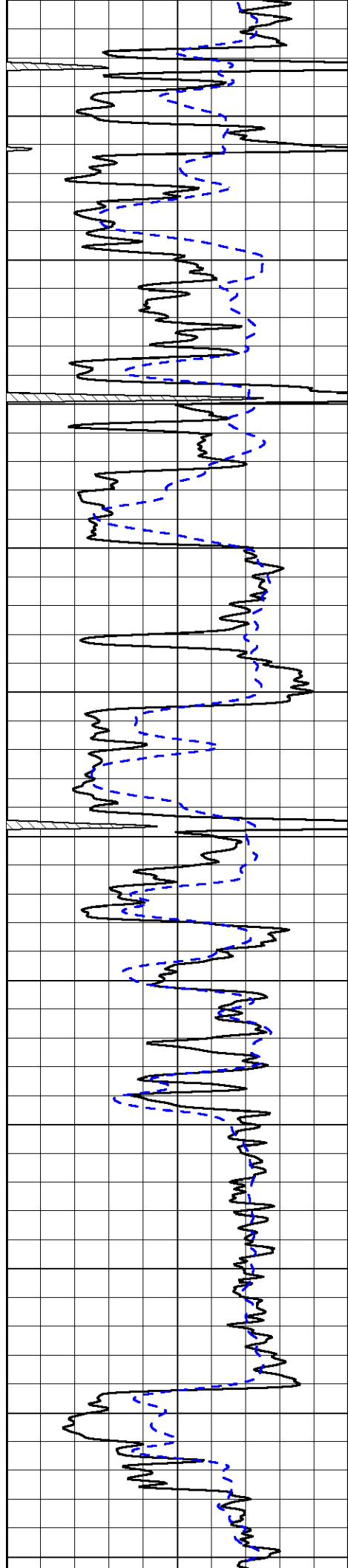
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-200	SP	0

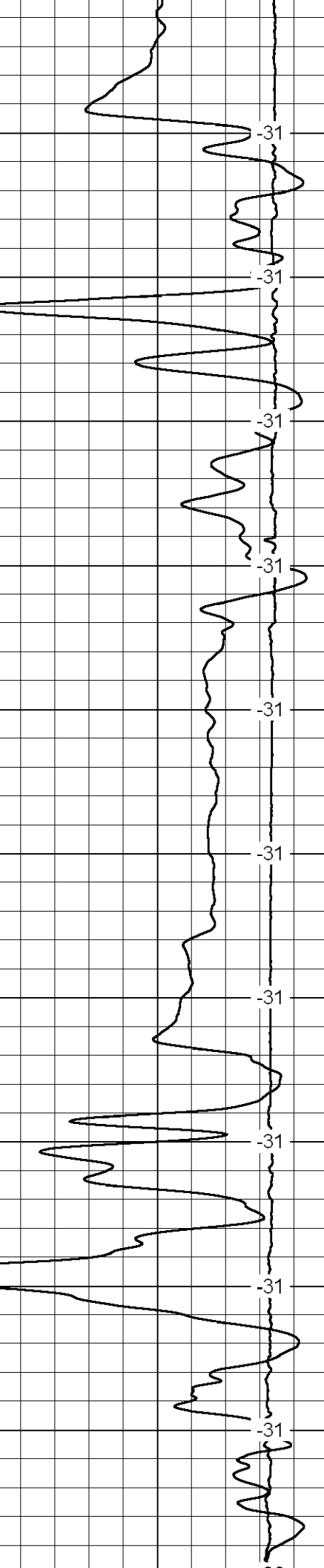
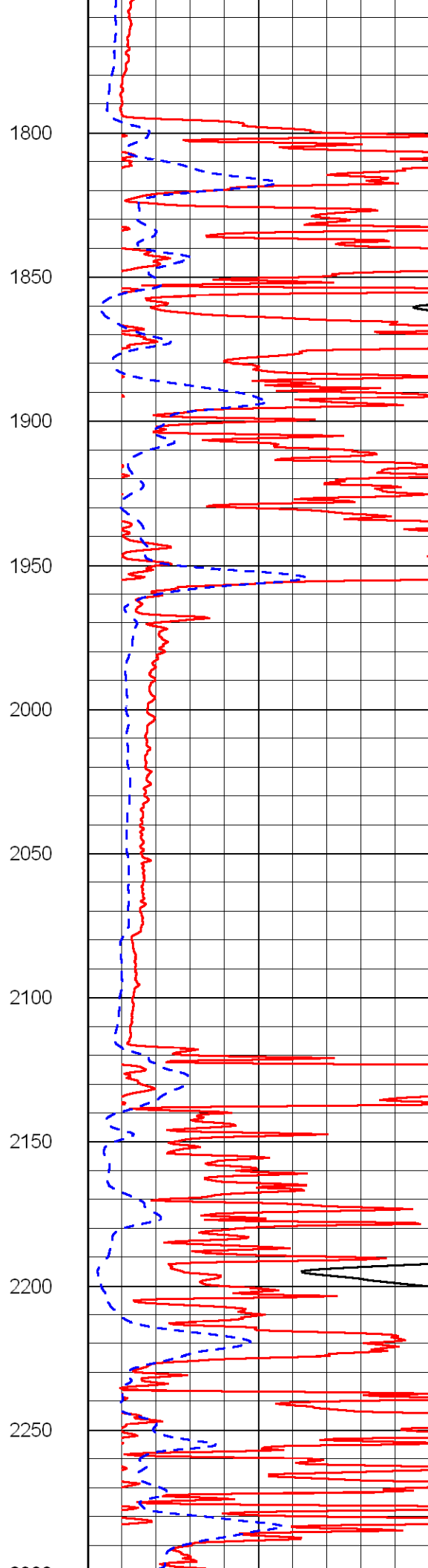
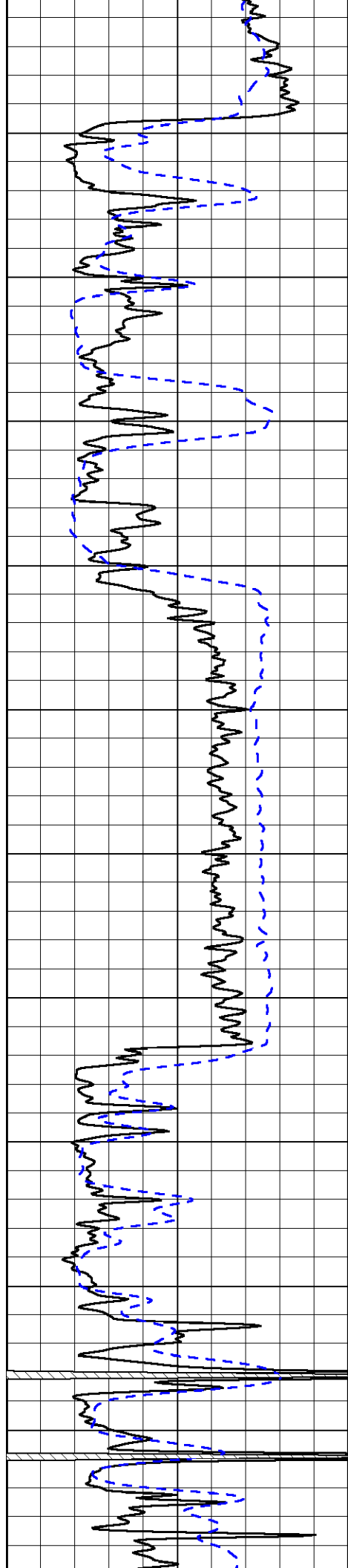
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

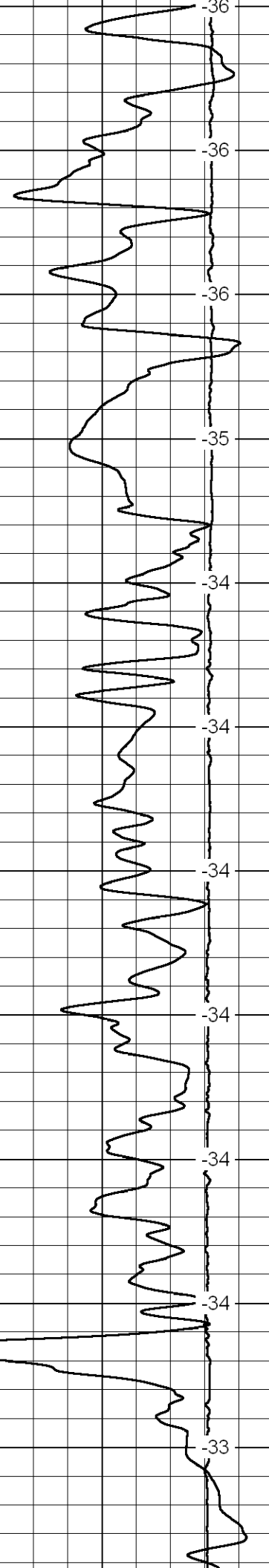
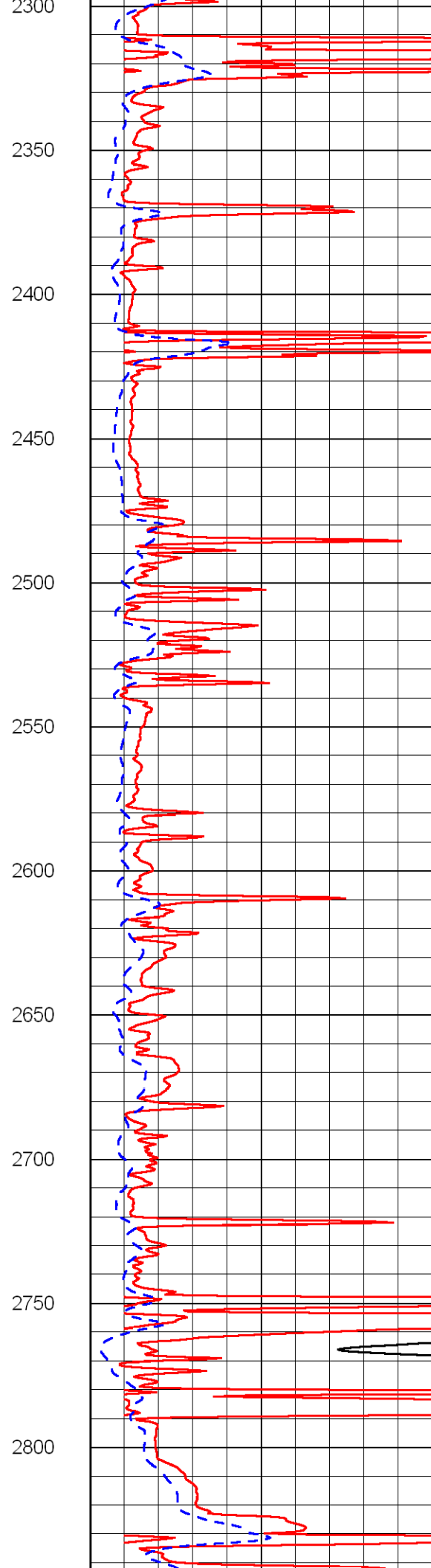
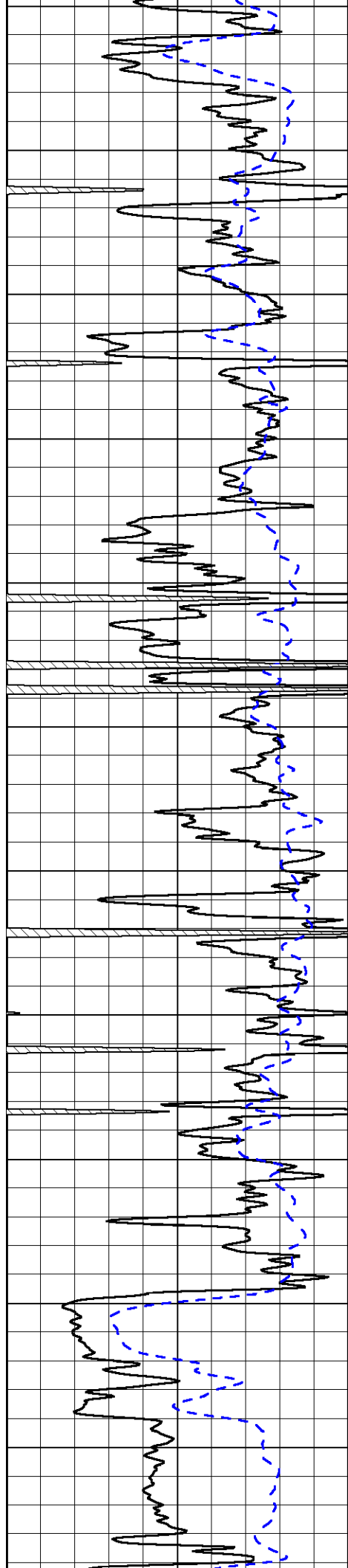
50	Shallow Resistivity	500
50	Deep Resistivity	500

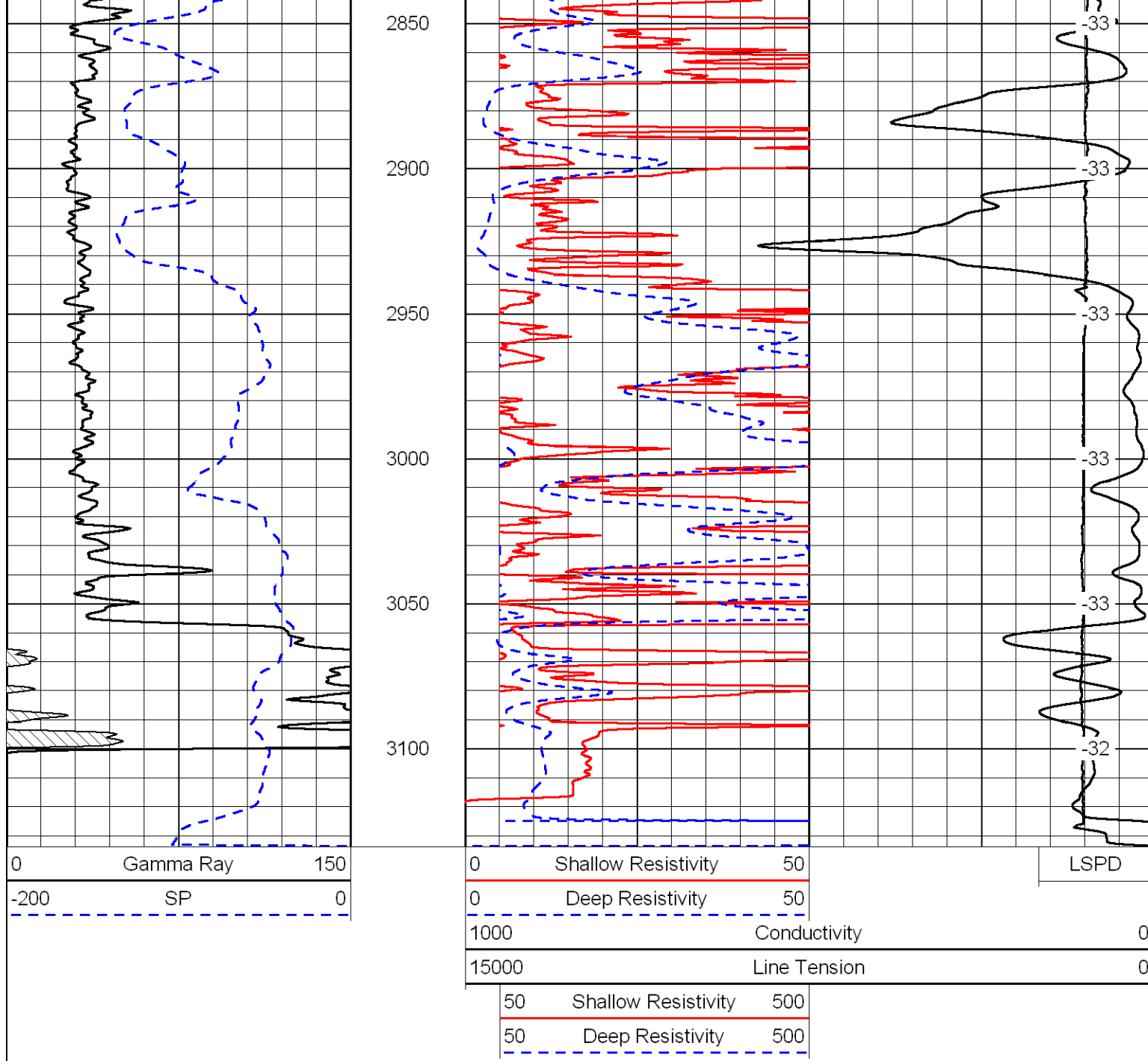




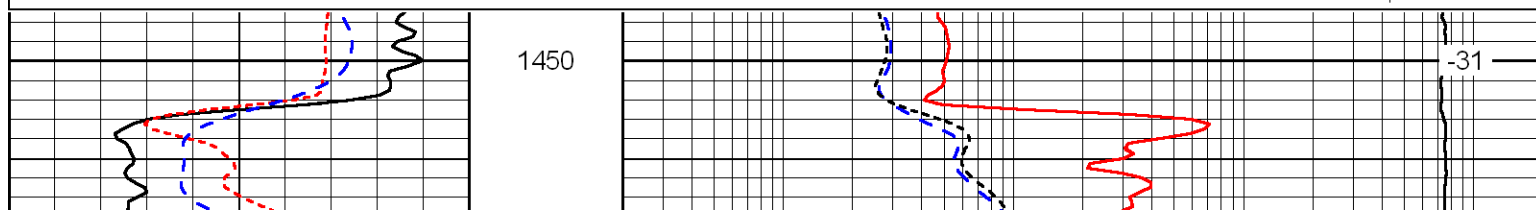
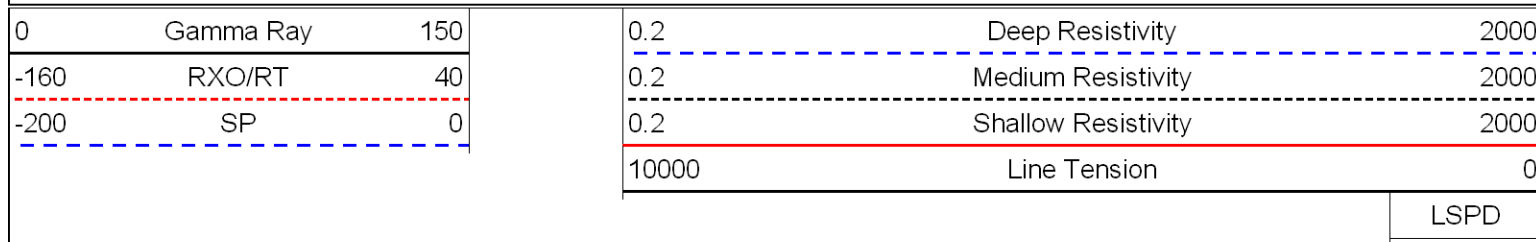


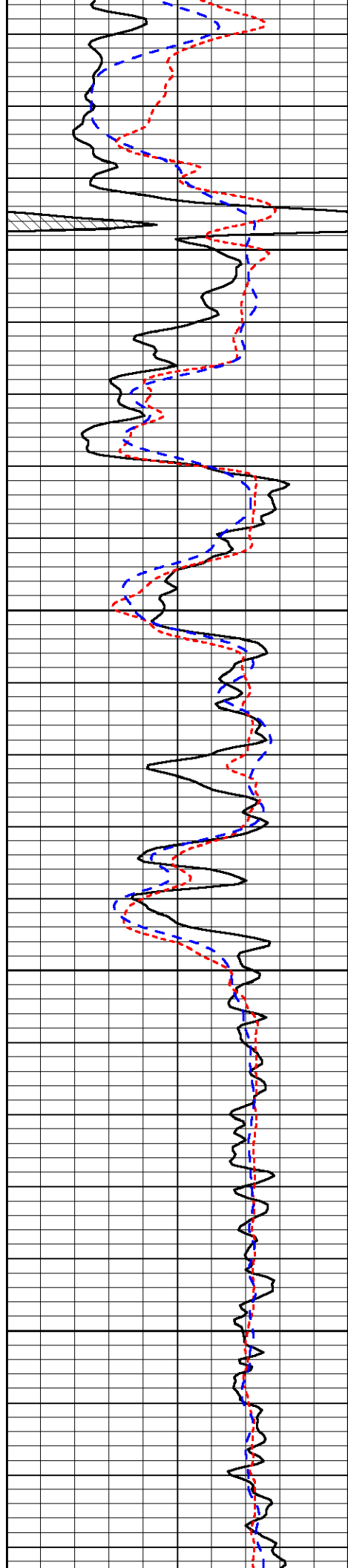






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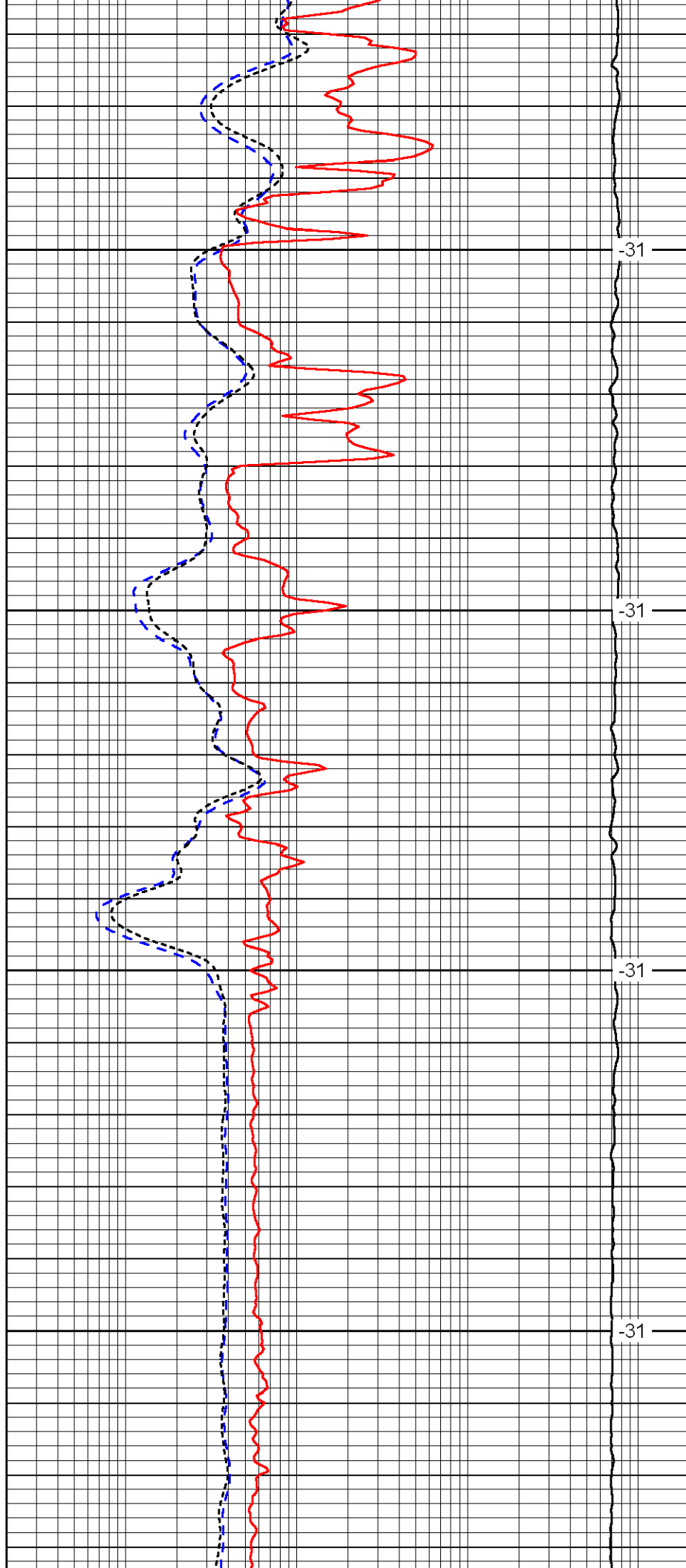


1500

1550

1600

1650

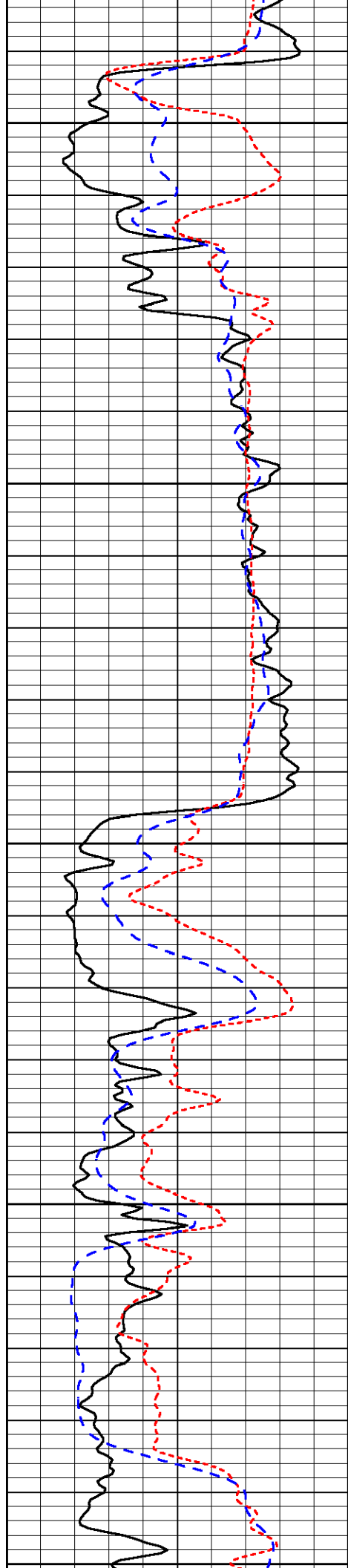


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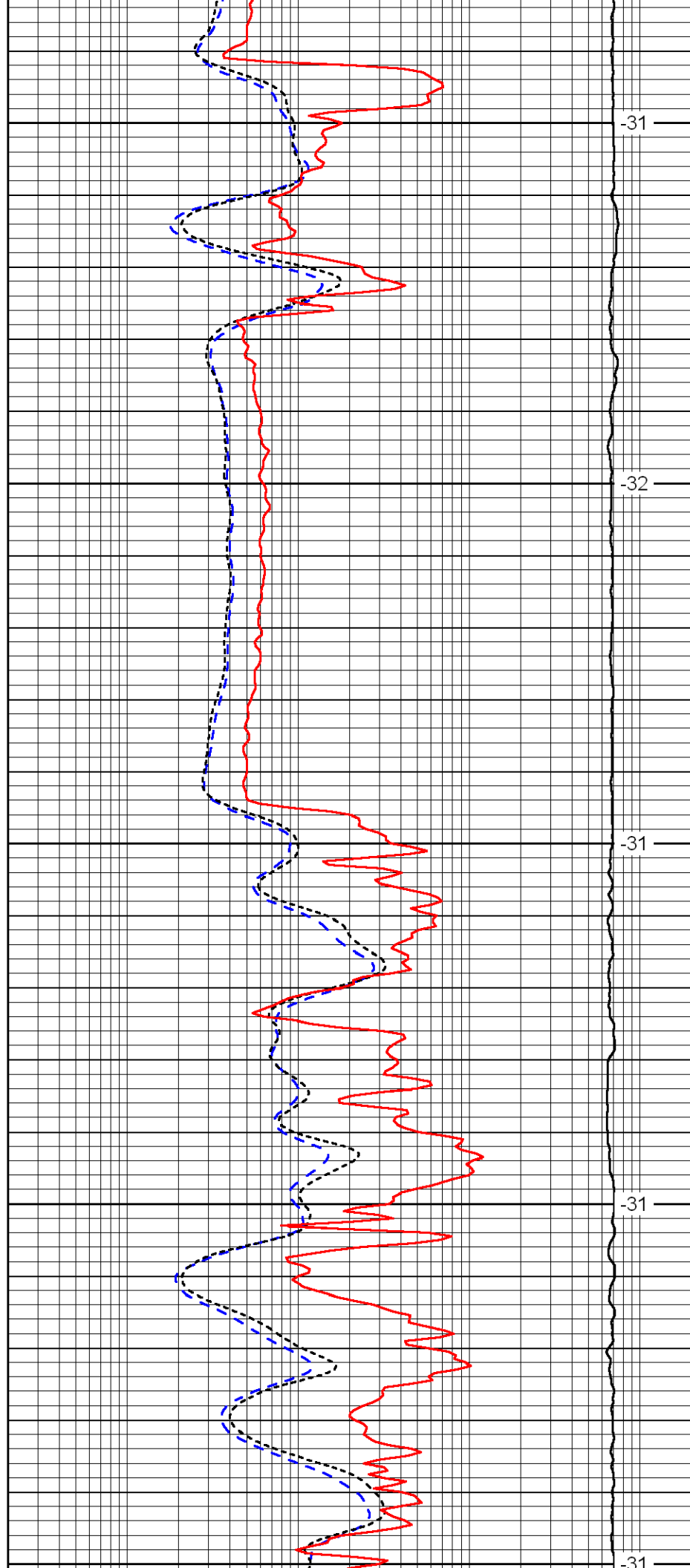
1700

1750

1800

1850

1900



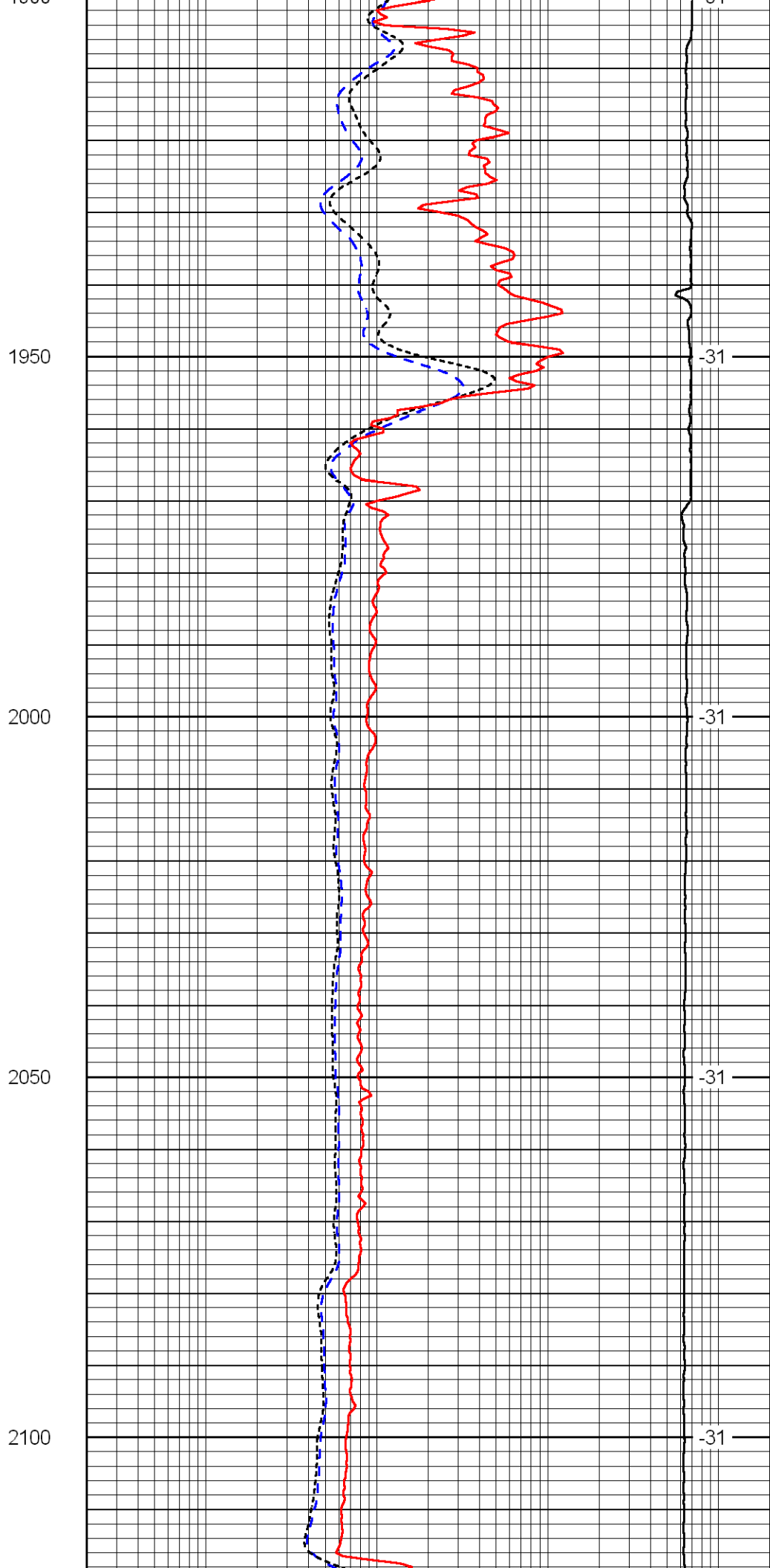
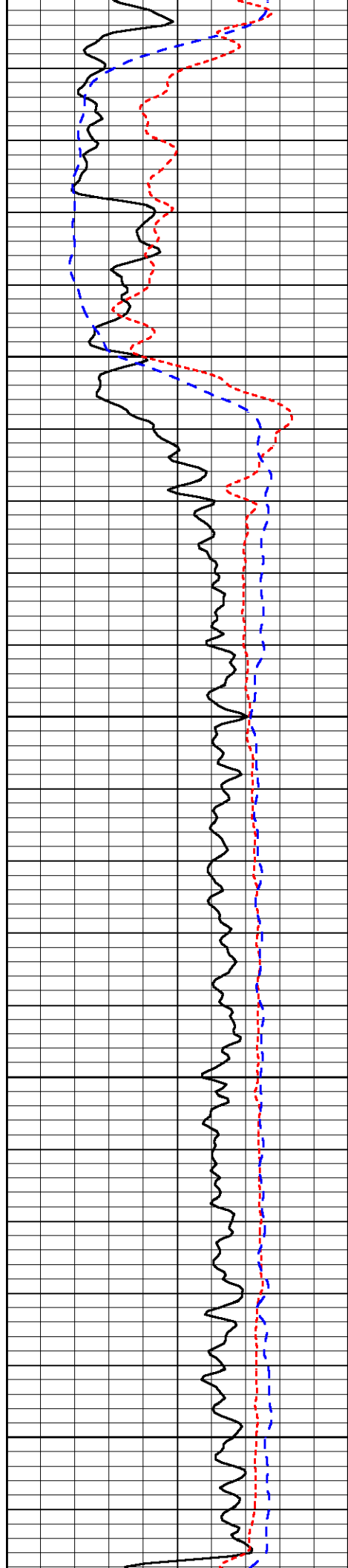
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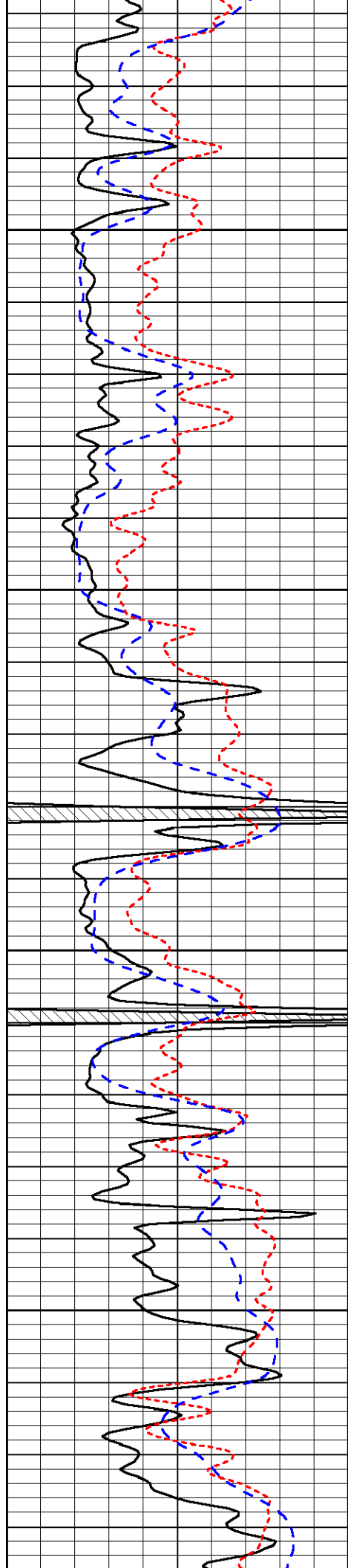
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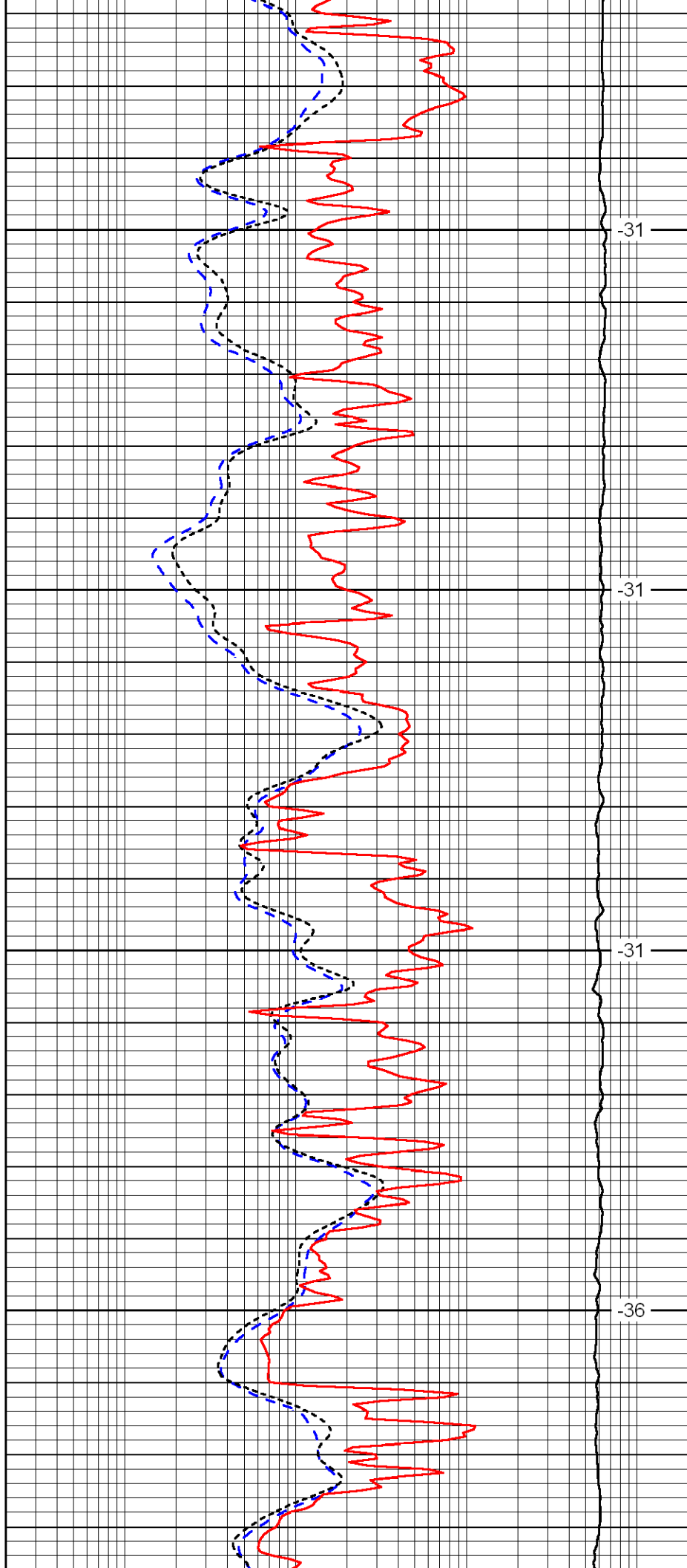


2150

2200

2250

2300

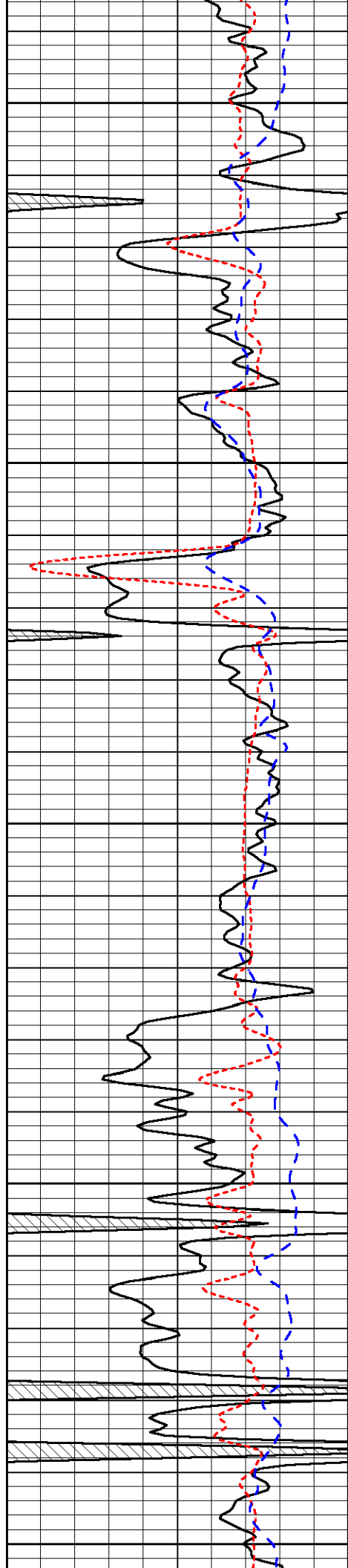


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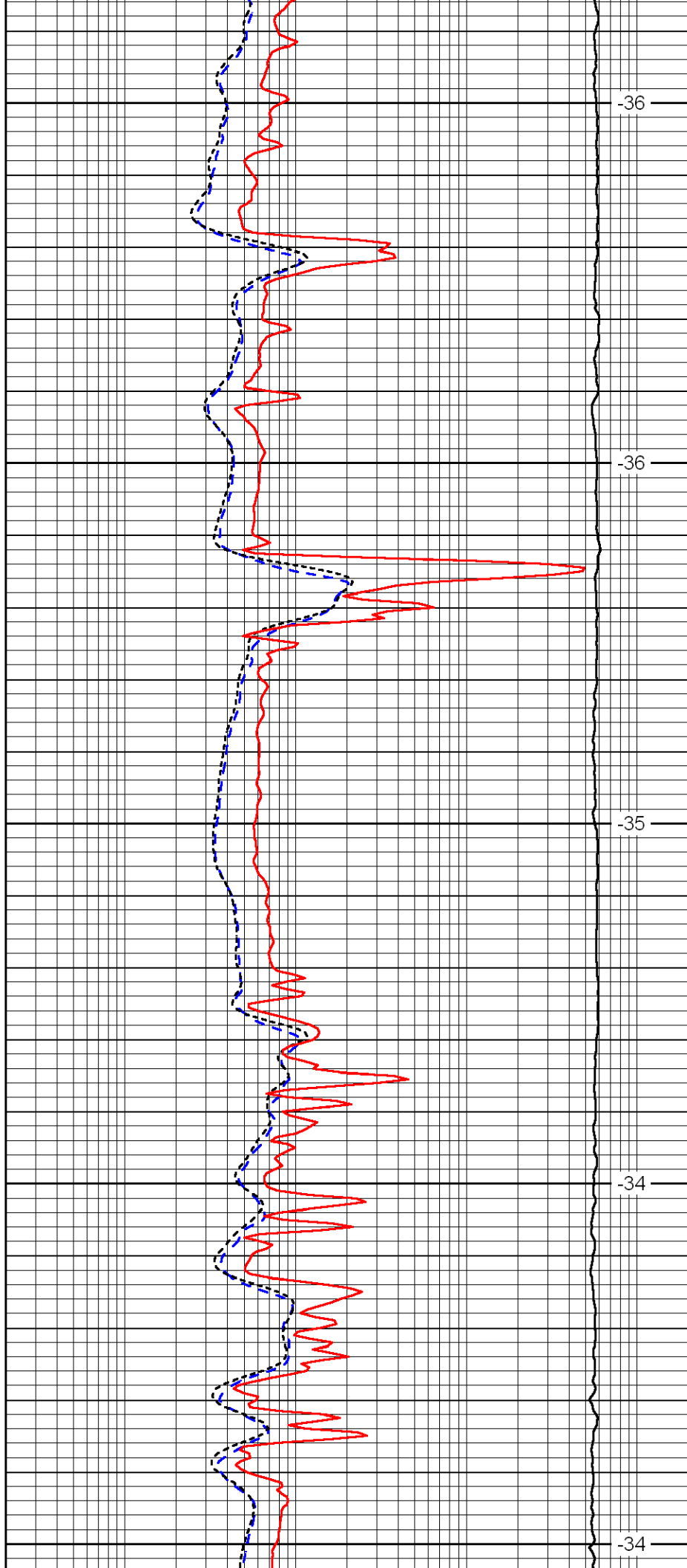
2350

2400

2450

2500

2550



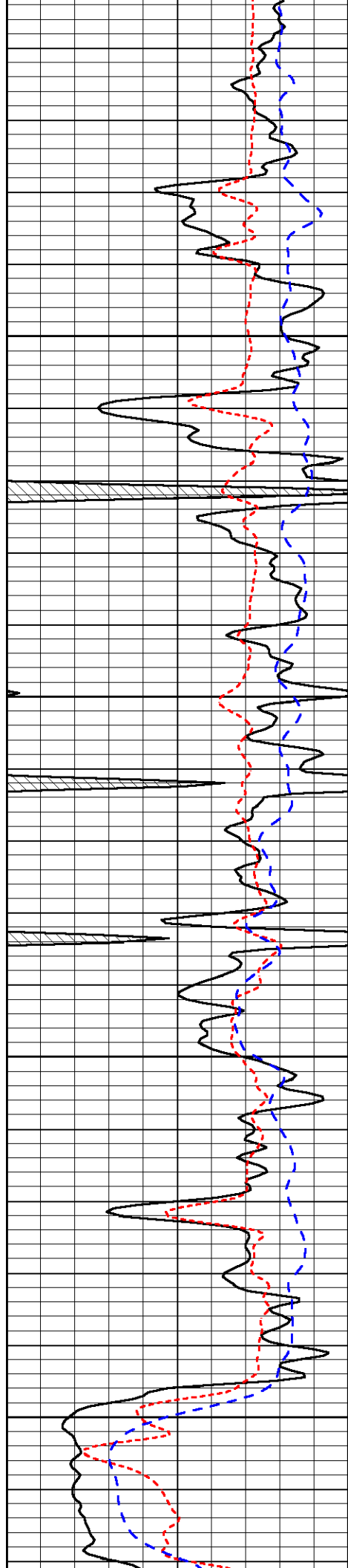
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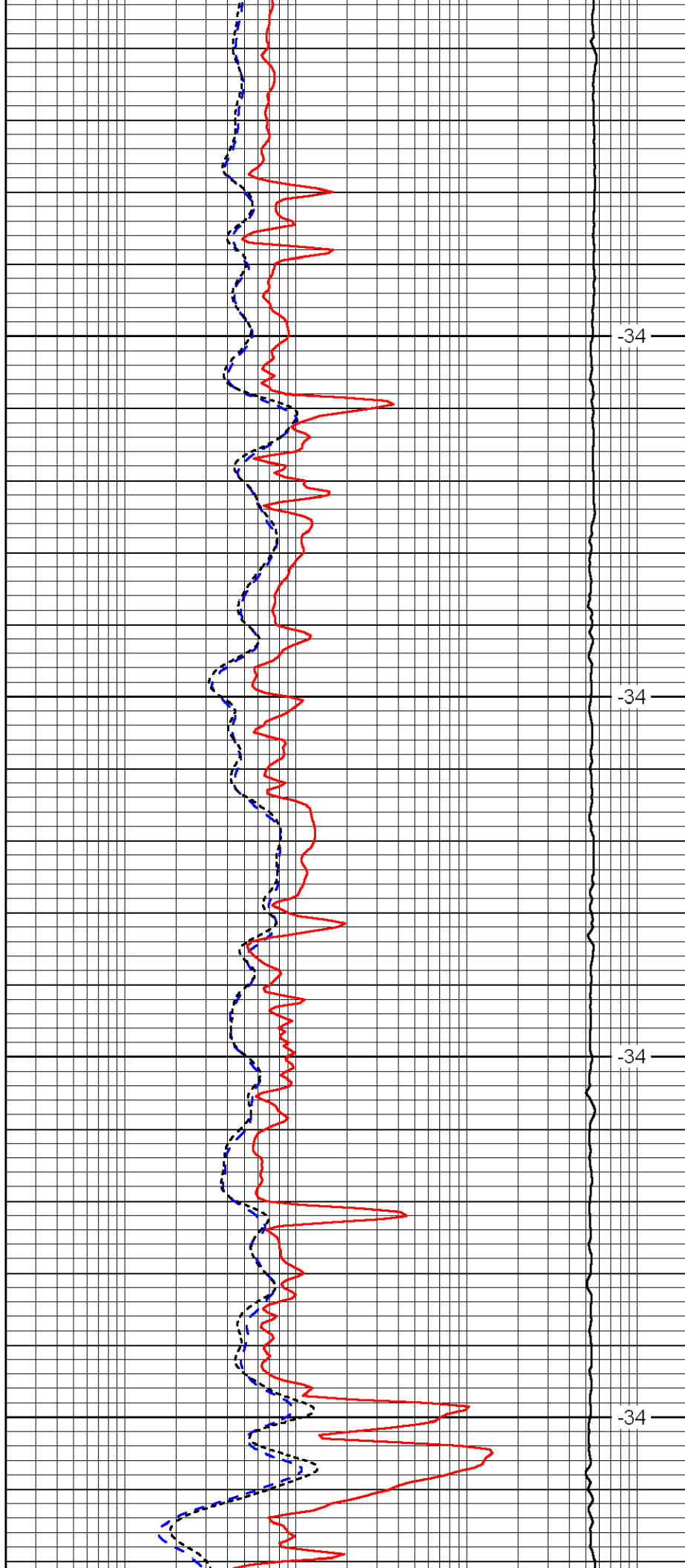


2600

2650

2700

2750

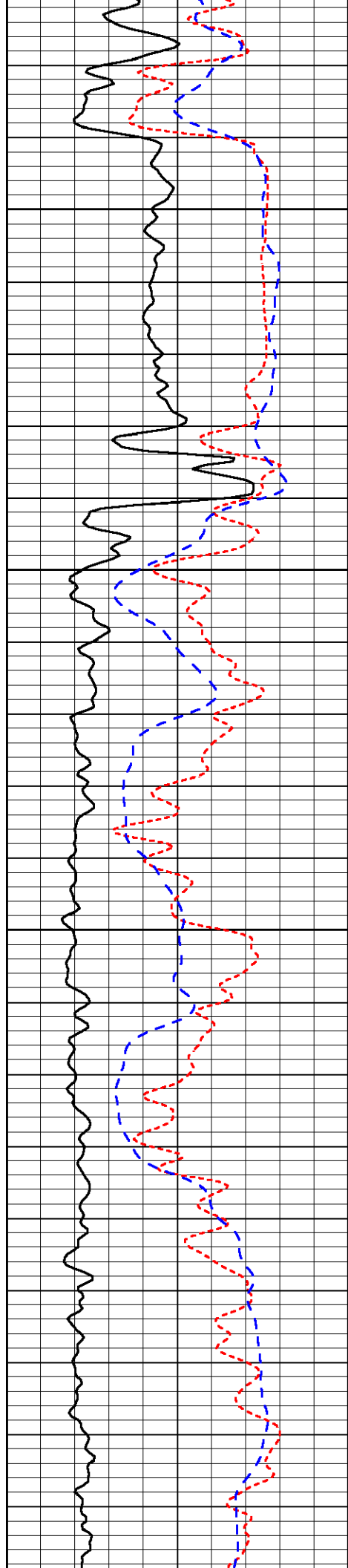


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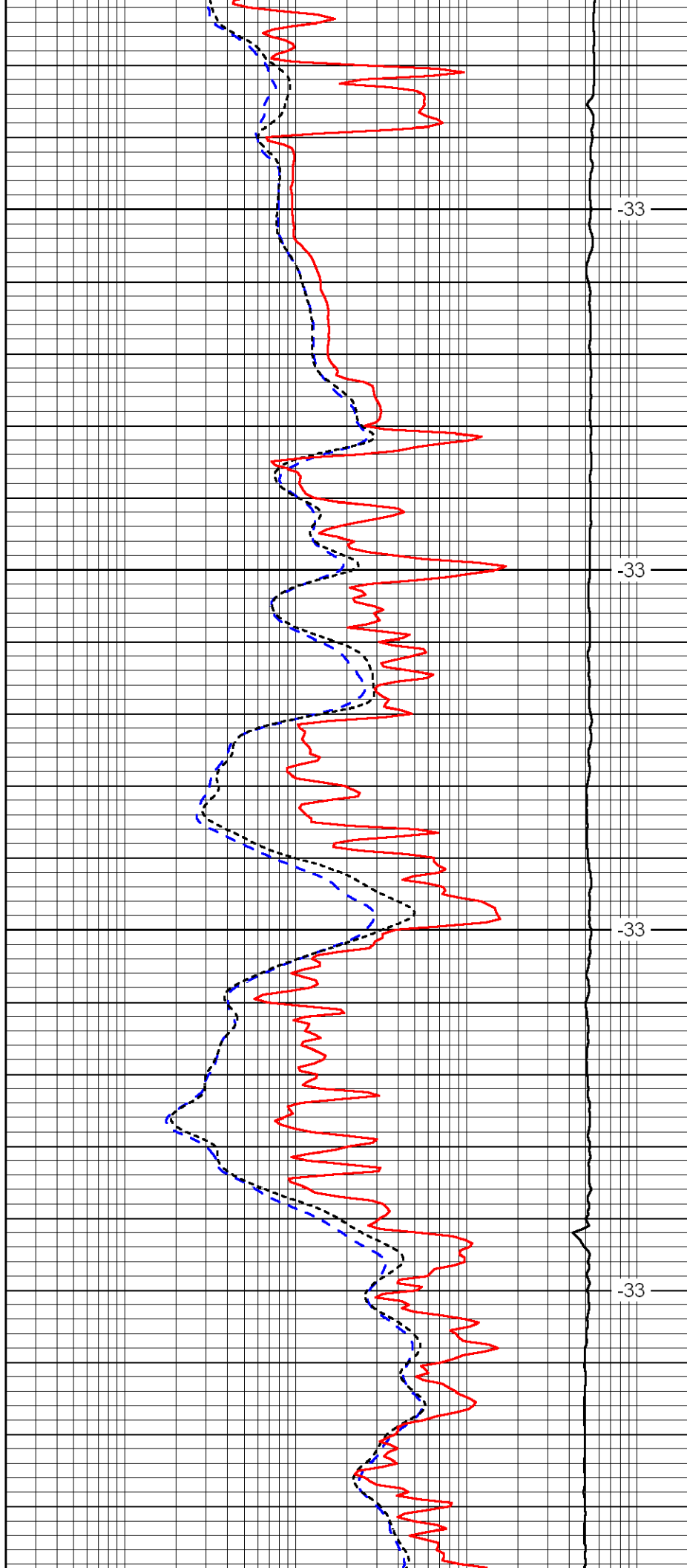


2800

2850

2900

2950

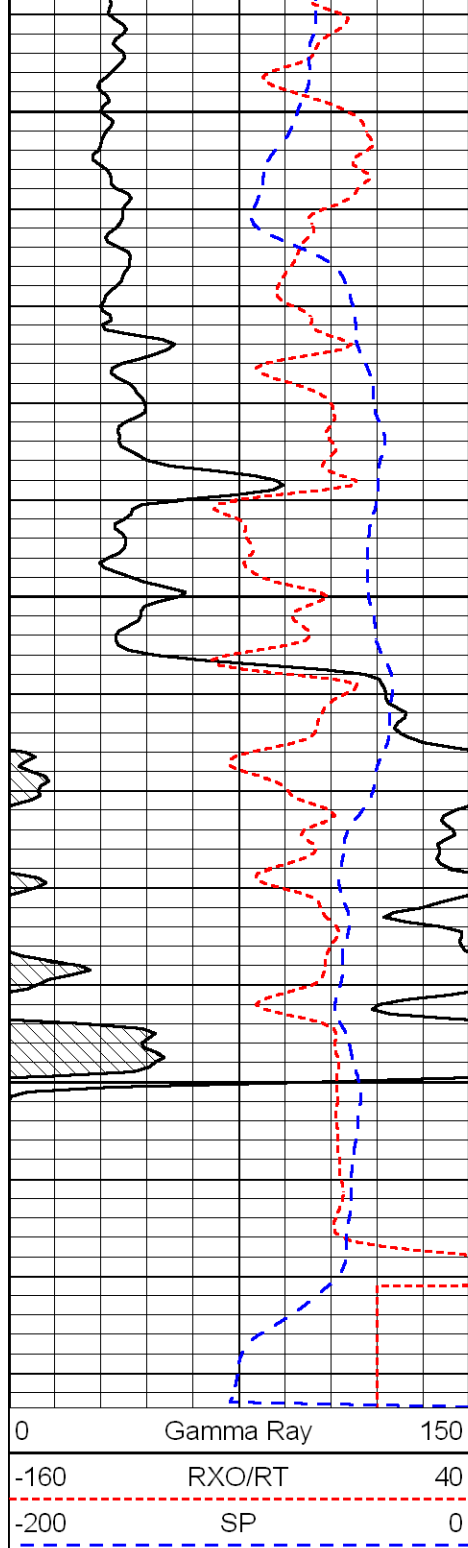


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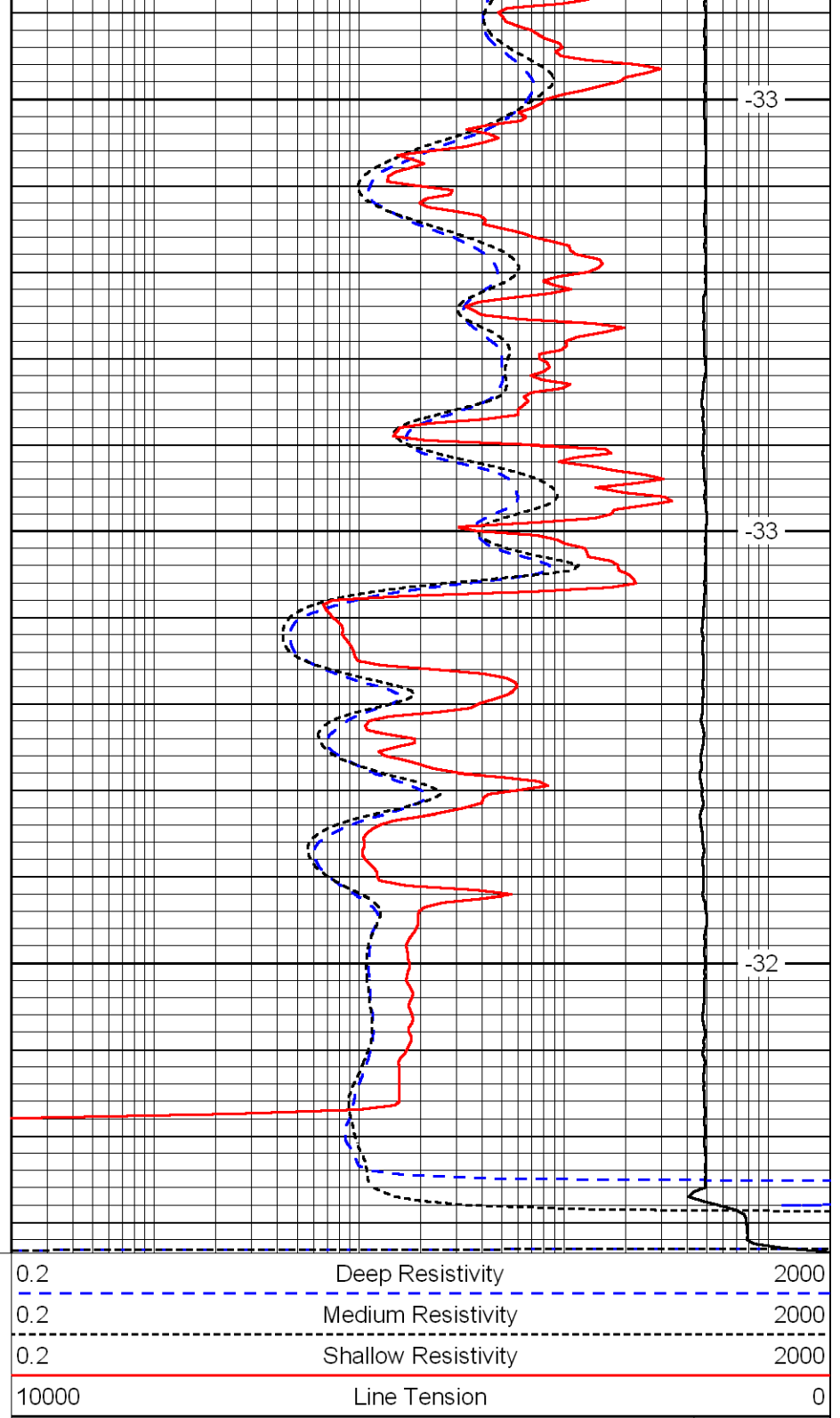
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3000

3050

3100



-33

-33

-32

LSPD