

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

API No.

15-173-21,008-00-00

Company Lachenmayr Oil, LLC.

Well Robelli No. L-1

Field Goodrich

County Sedgwick State

Kansas

Location

990' FSL & 1990' FEL

Sec: 16 Twp: 25 S Rge: 1 E

Permanent Datum Ground Level Elevation 1438
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
Elevation
K.B. 1447
D.F. 1438
G.L. 1438

Date 1/9/2012

Run Number One

Depth Driller 3348.5

Depth Logger 3349

Bottom Logged Interval 3348

Top Log Interval 200

Casing Driller 8.625 @ 213

Casing Logger 211

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2.100

Density / Viscosity 9.6 48

pH / Fluid Loss 9.0 9.6

Source of Sample Flowline

Rm @ Meas. Temp 1.2 @ 50

Rmf @ Meas. Temp .90 @ 50

Rmc @ Meas. Temp 1.62 @ 50

Source of Rmf / Rmc Charts

Rm @ BHT .54 @ 111

Operating Rig Time 3 Hours

Max Rec. Temp. F 111

Equipment Number 91

Location Hays

Recorded By K. Bange

Witnessed By Frank Mize

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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

Newton KS, I-135, 11 S to 101 Street (exit 19)
1/4 E, NW into

Database File: lachenmyr010912hd.db
Dataset Pathname: dil/lachstack
Presentation Format: dil2in
Dataset Creation: Mon Jan 09 10:09:06 2012
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP	0

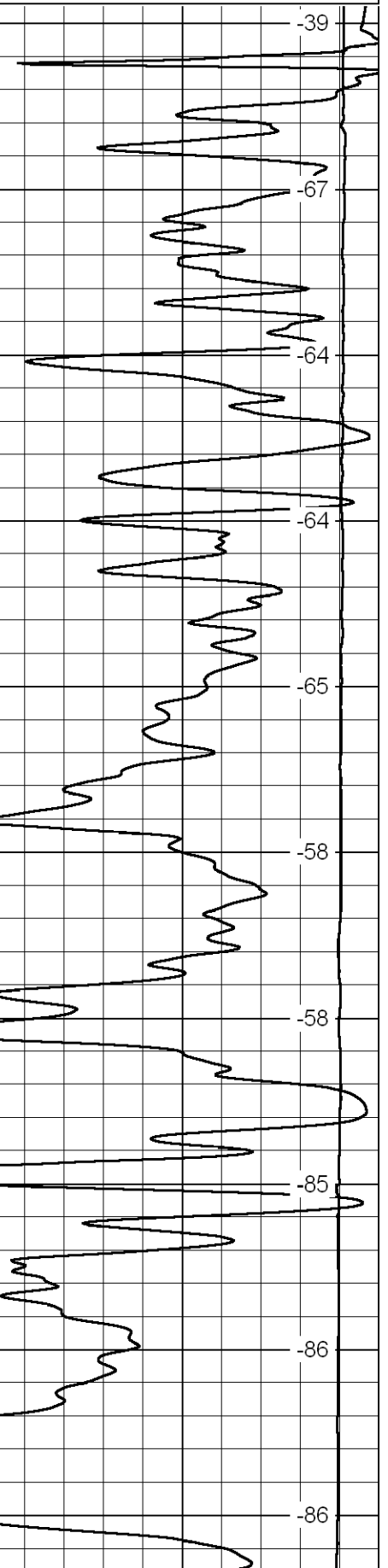
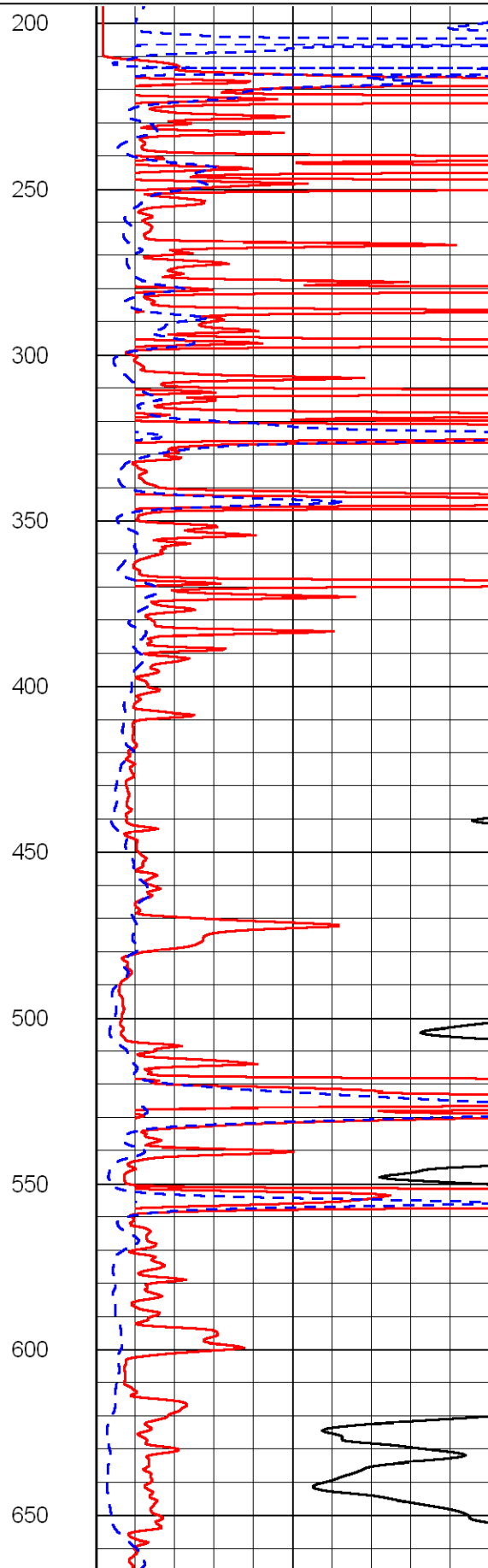
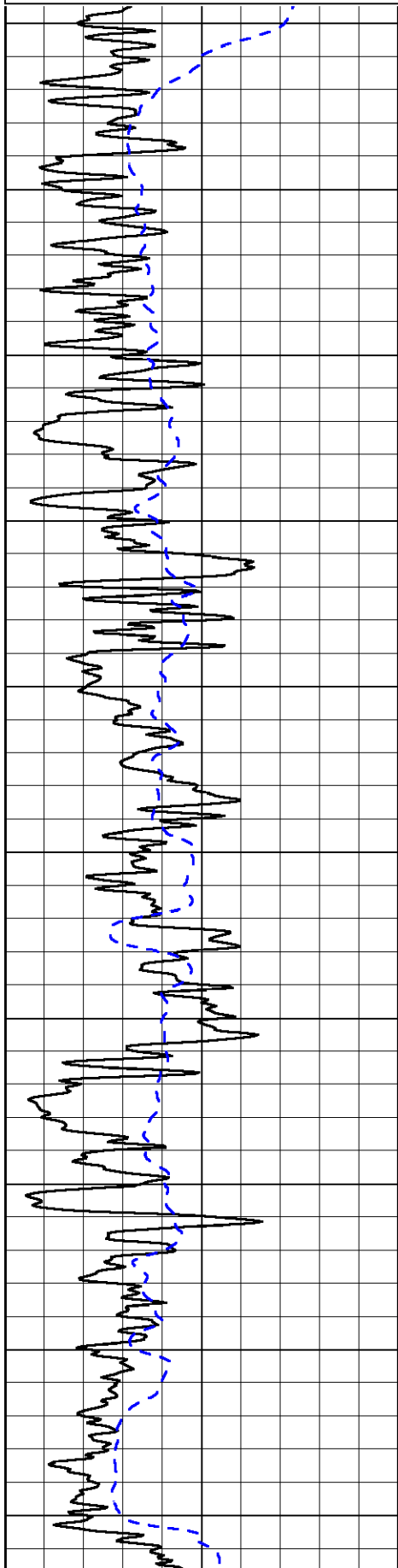
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0	Deep Resistivity	50

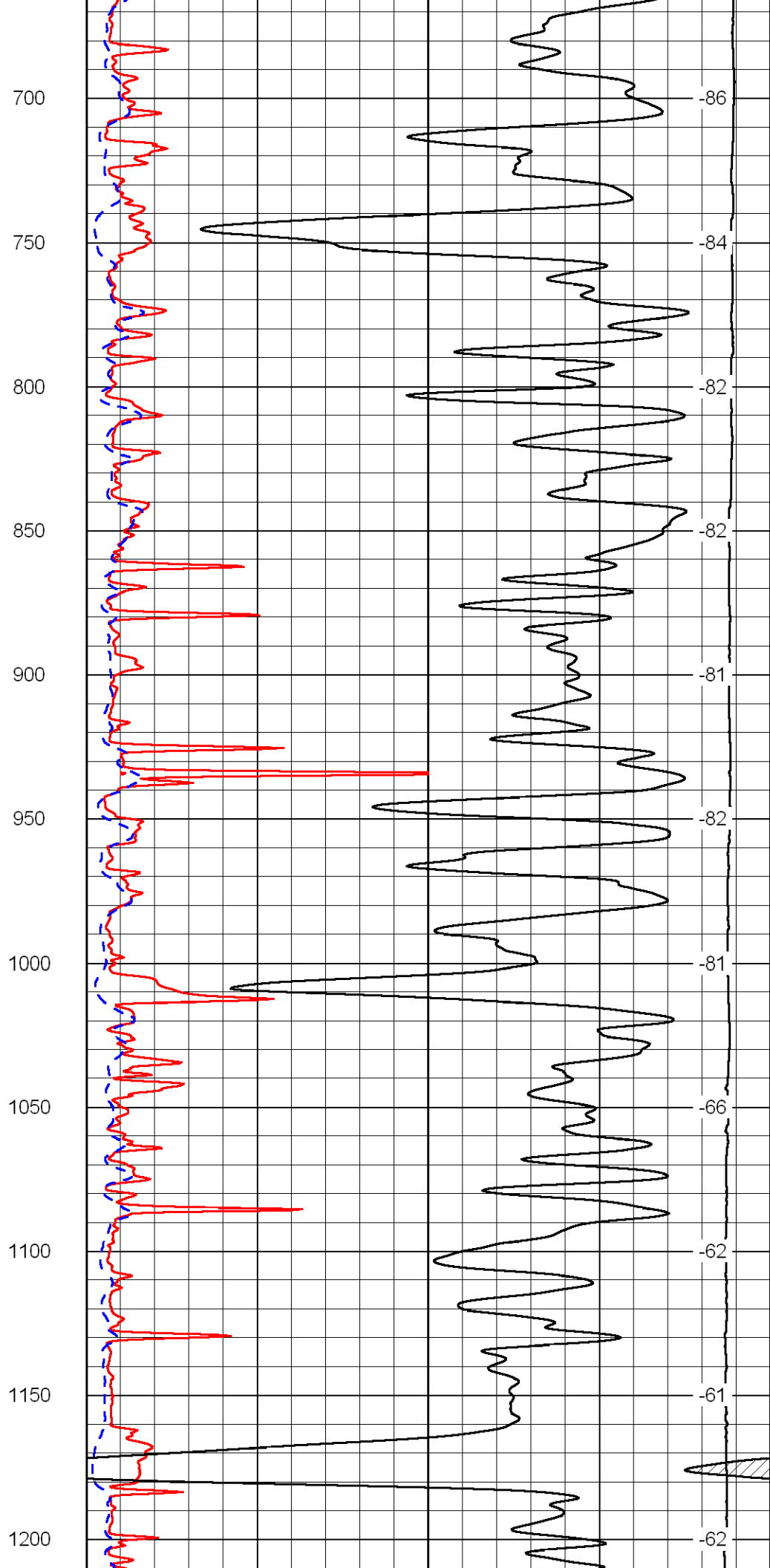
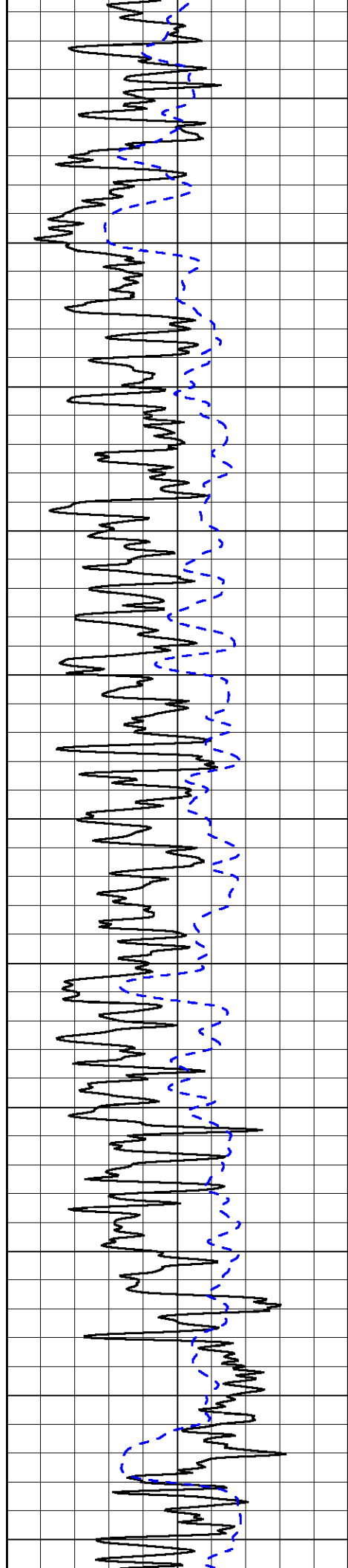
LSPD

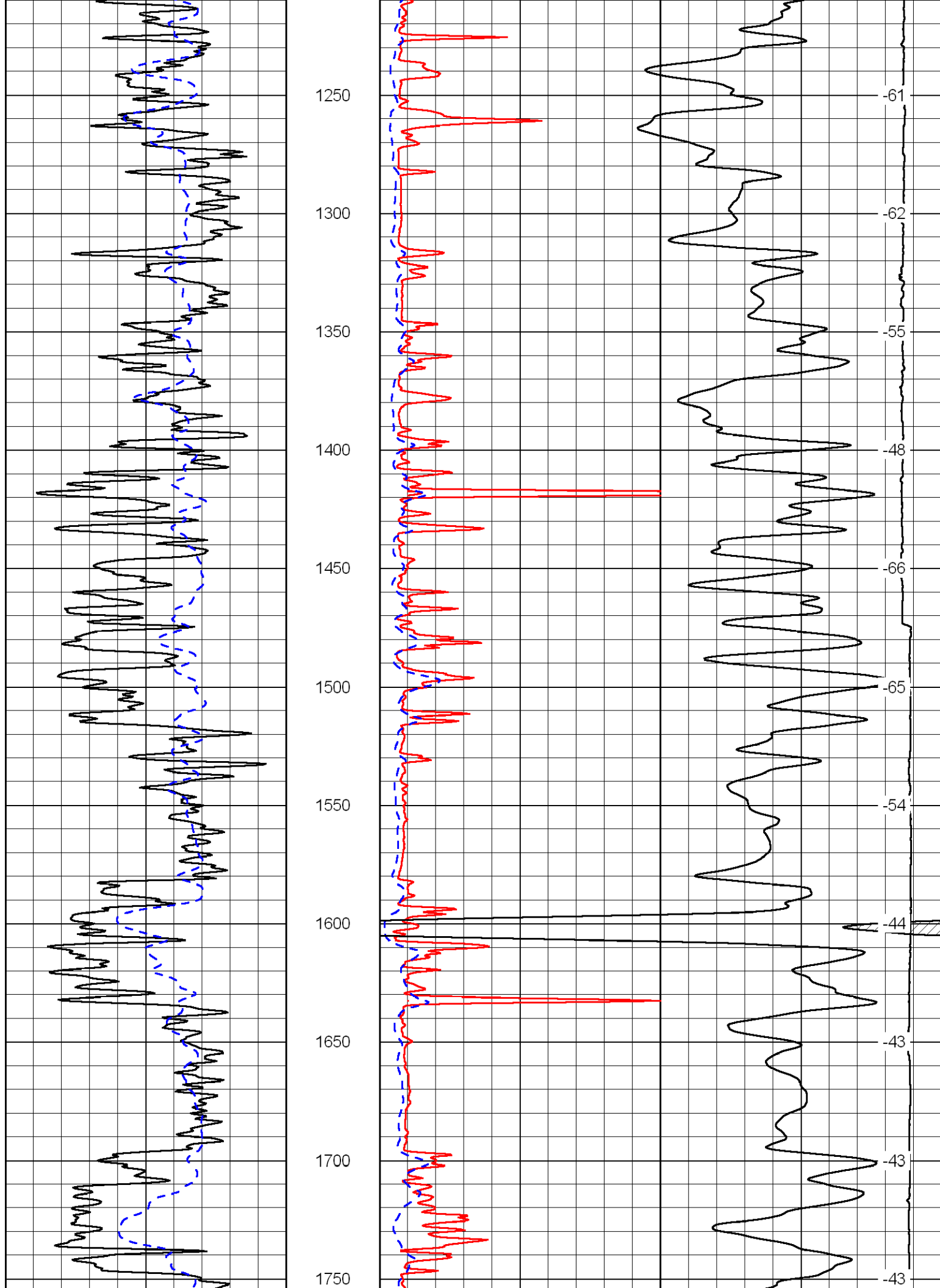
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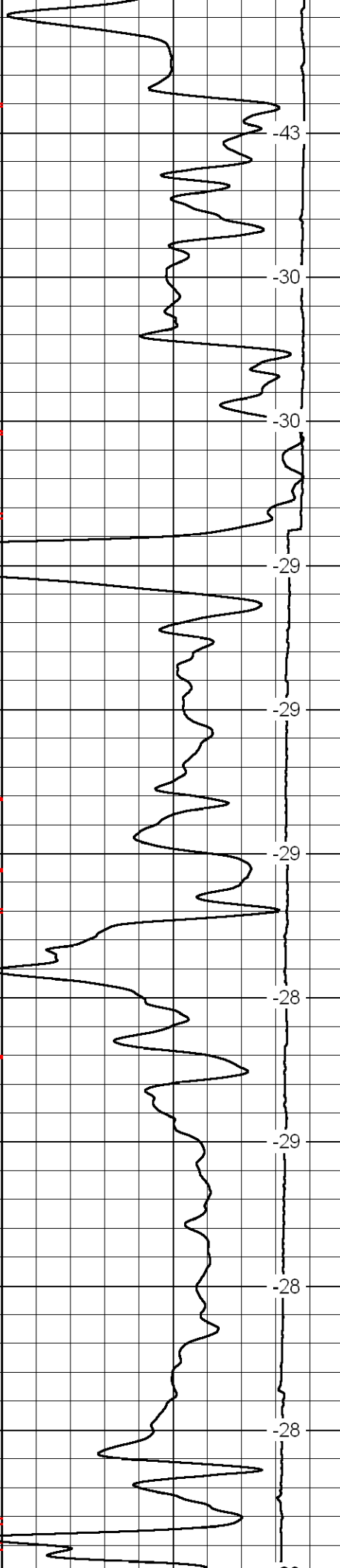
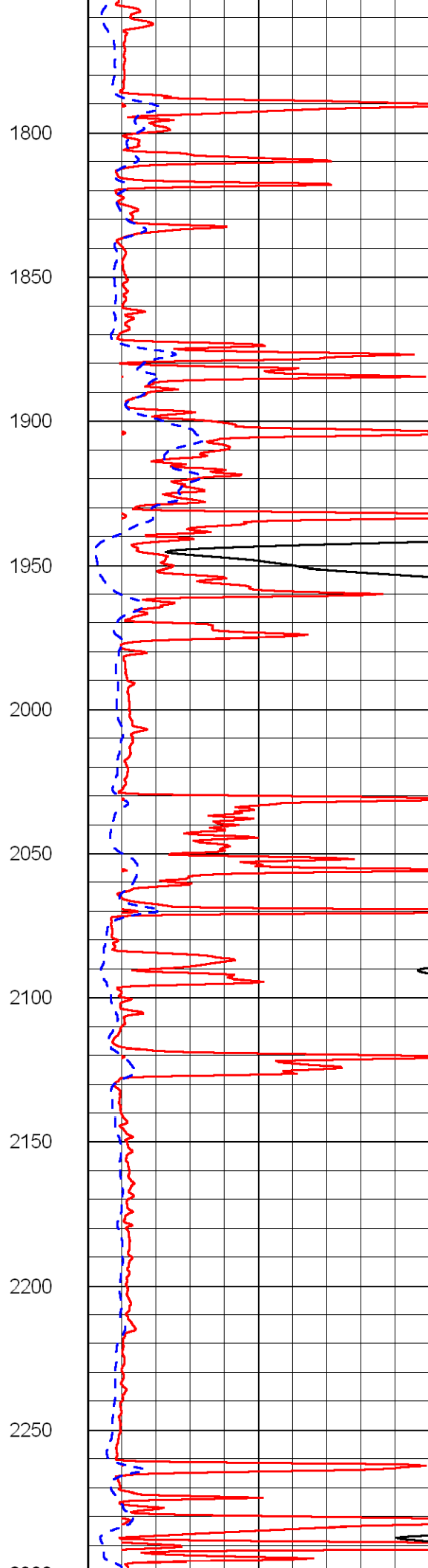
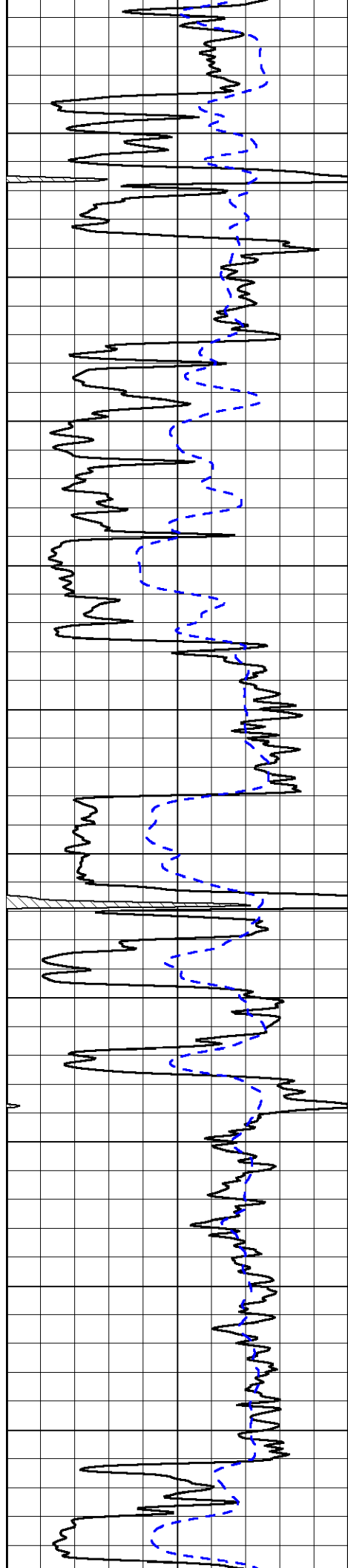
15000	Line Tension	0
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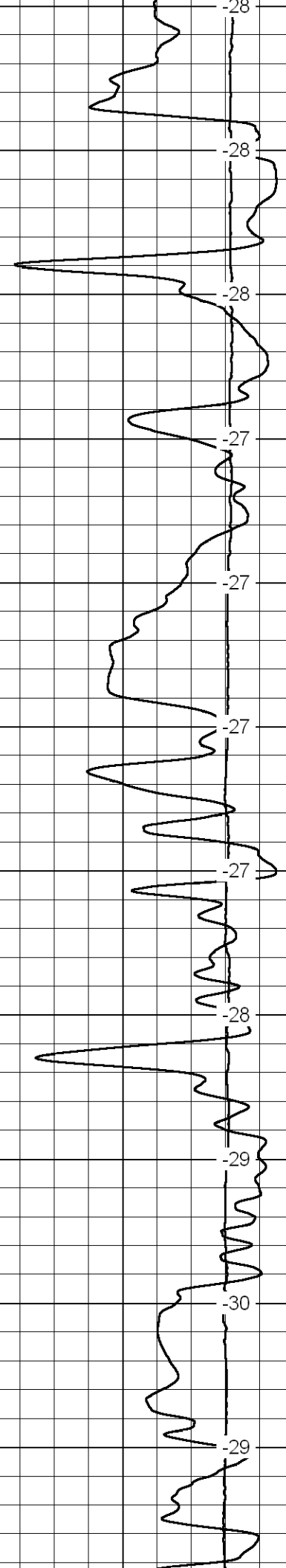
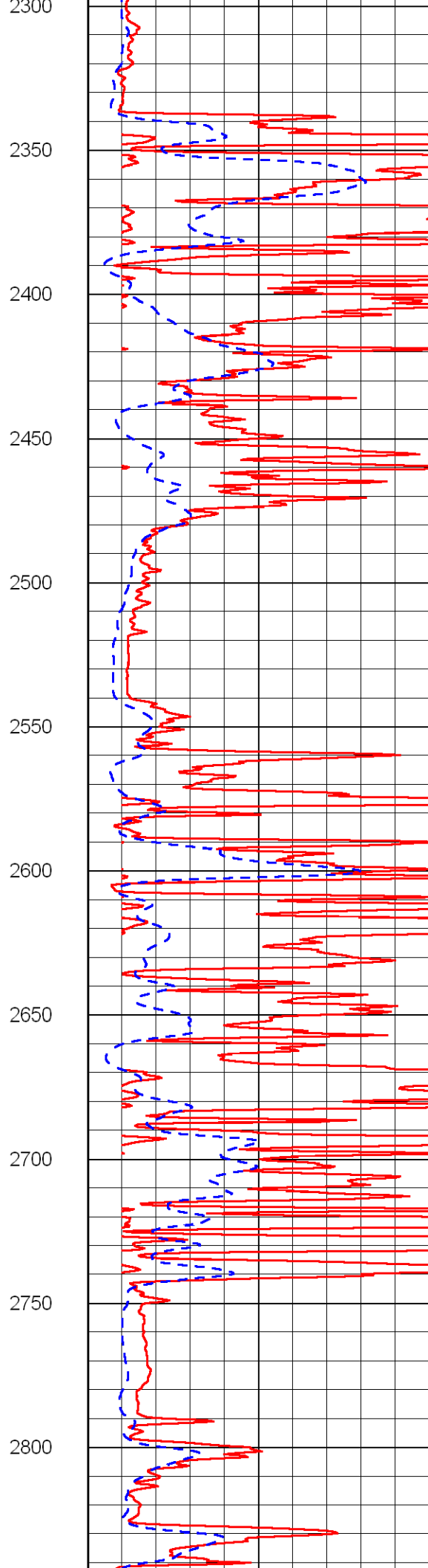
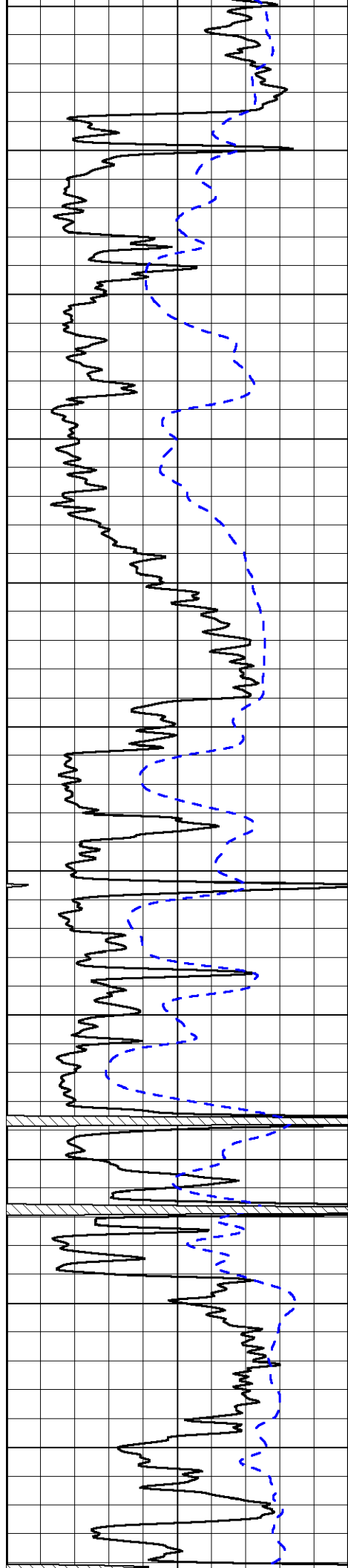
50	Shallow Resistivity	500
50	Deep Resistivity	500

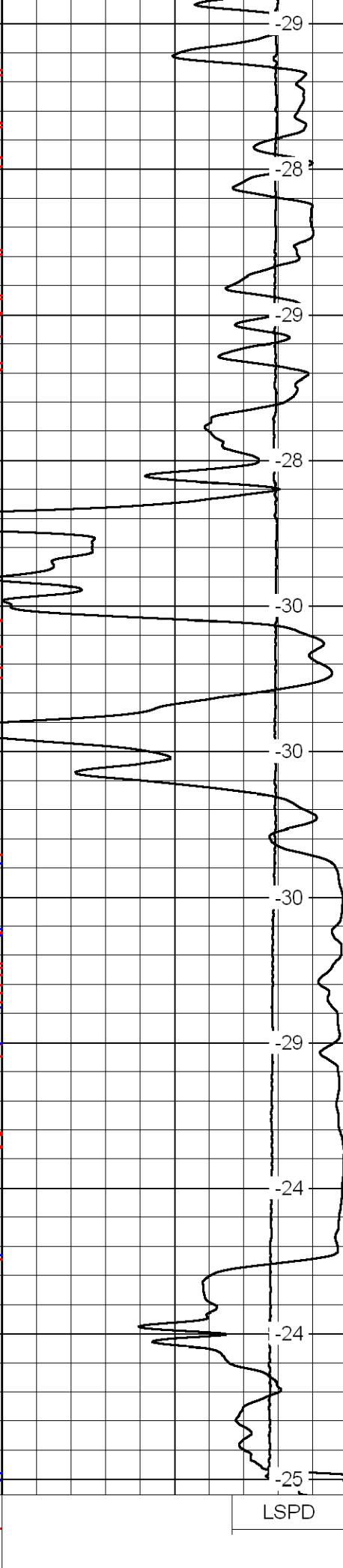
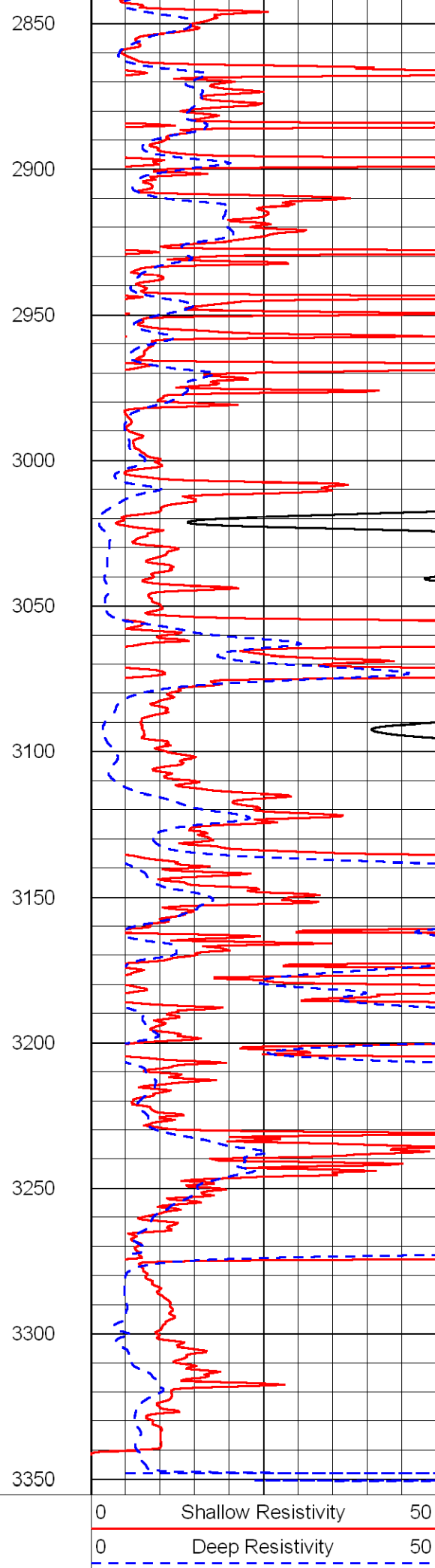
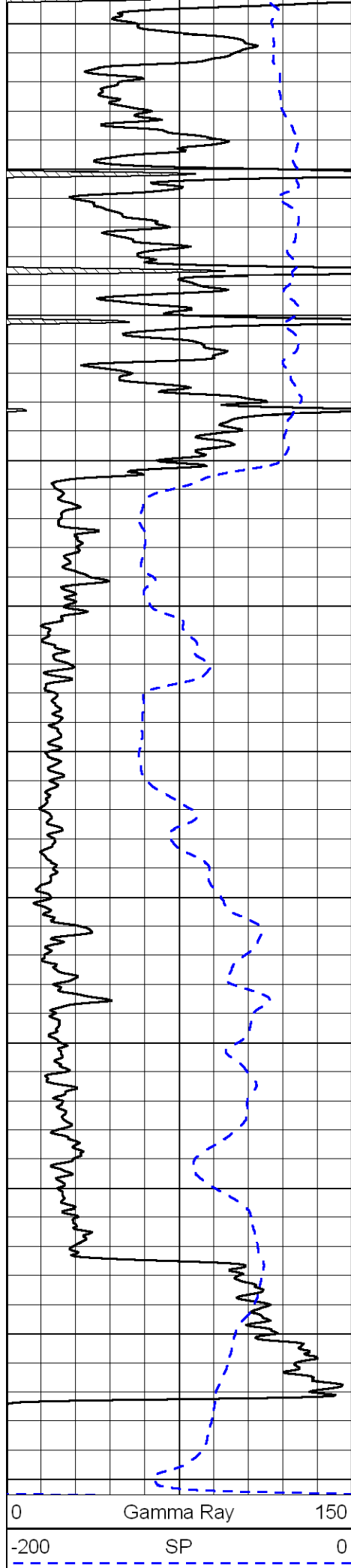












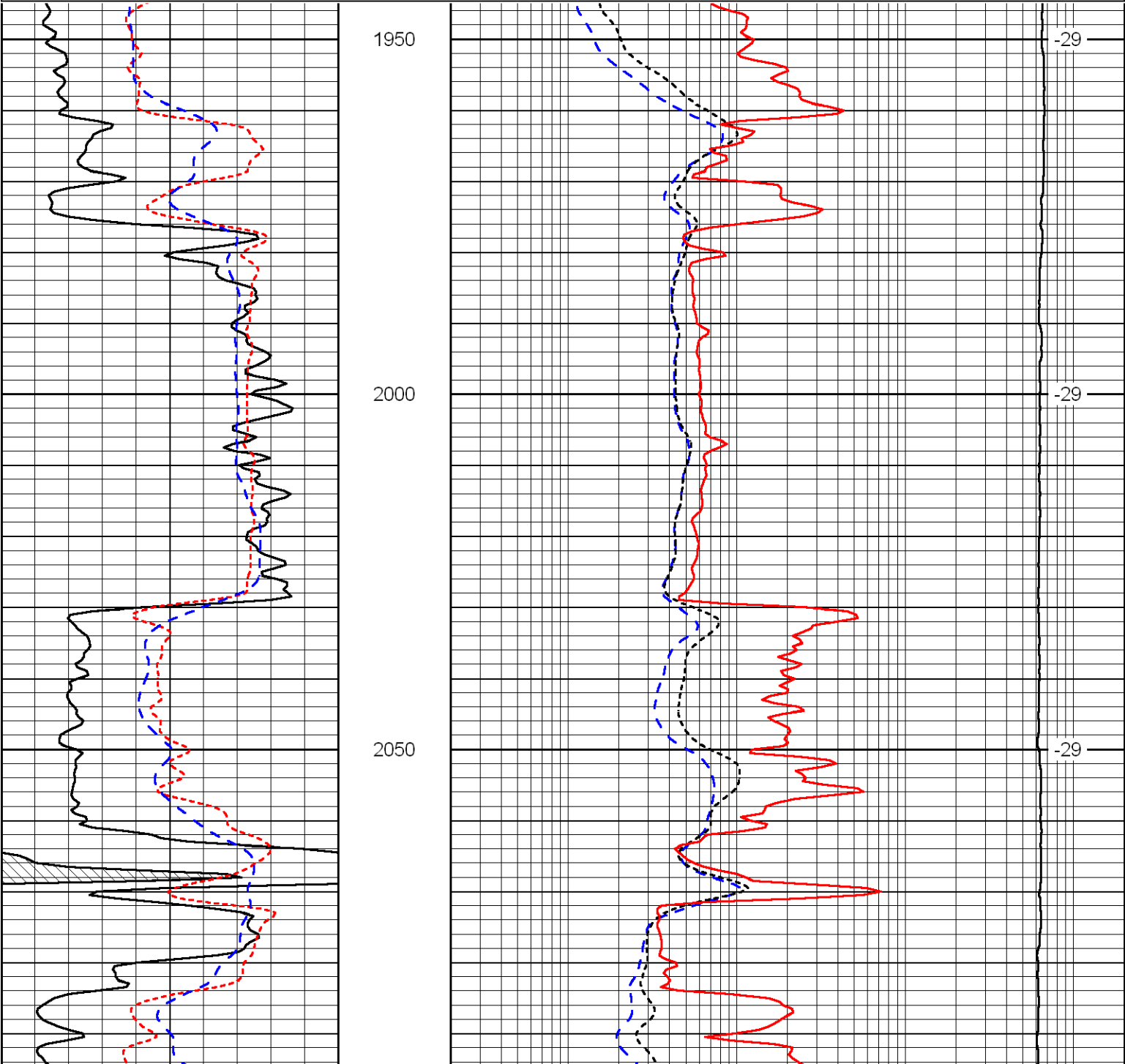
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15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

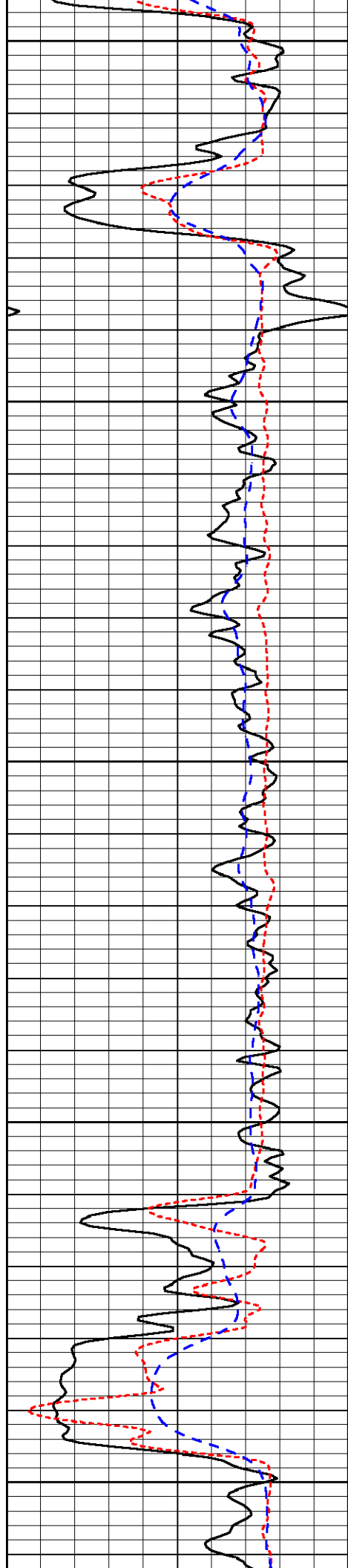
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Dataset Pathname:	dil/lachstack
Presentation Format:	dil
Dataset Creation:	Mon Jan 09 10:09:06 2012
Charted by:	Depth in Feet scaled 1:240

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

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

LSPD





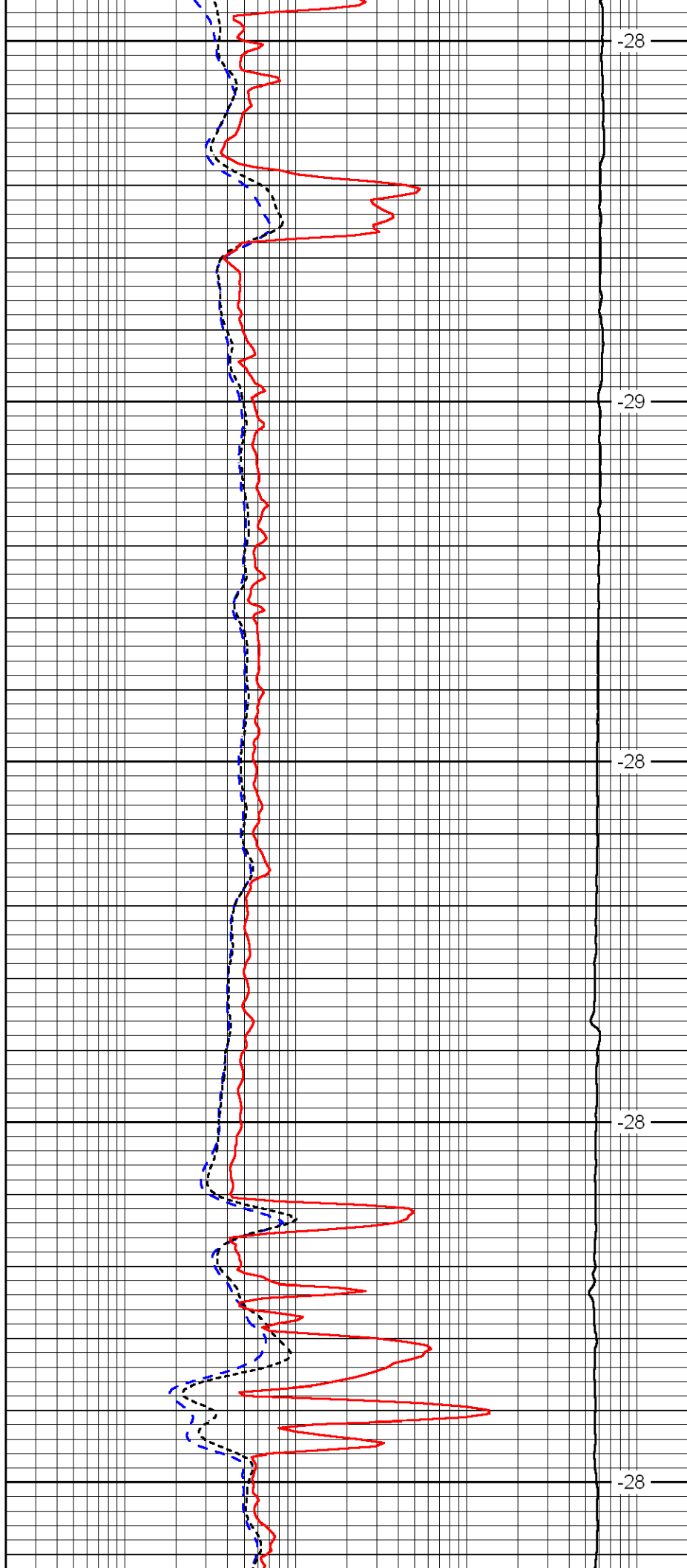
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2150

2200

2250

2300



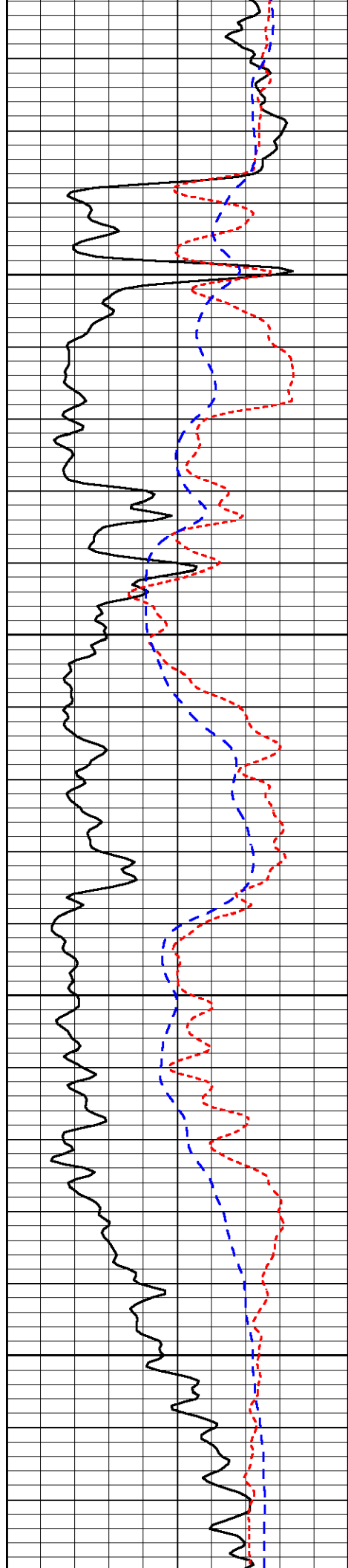
-28

-29

-28

-28

-28

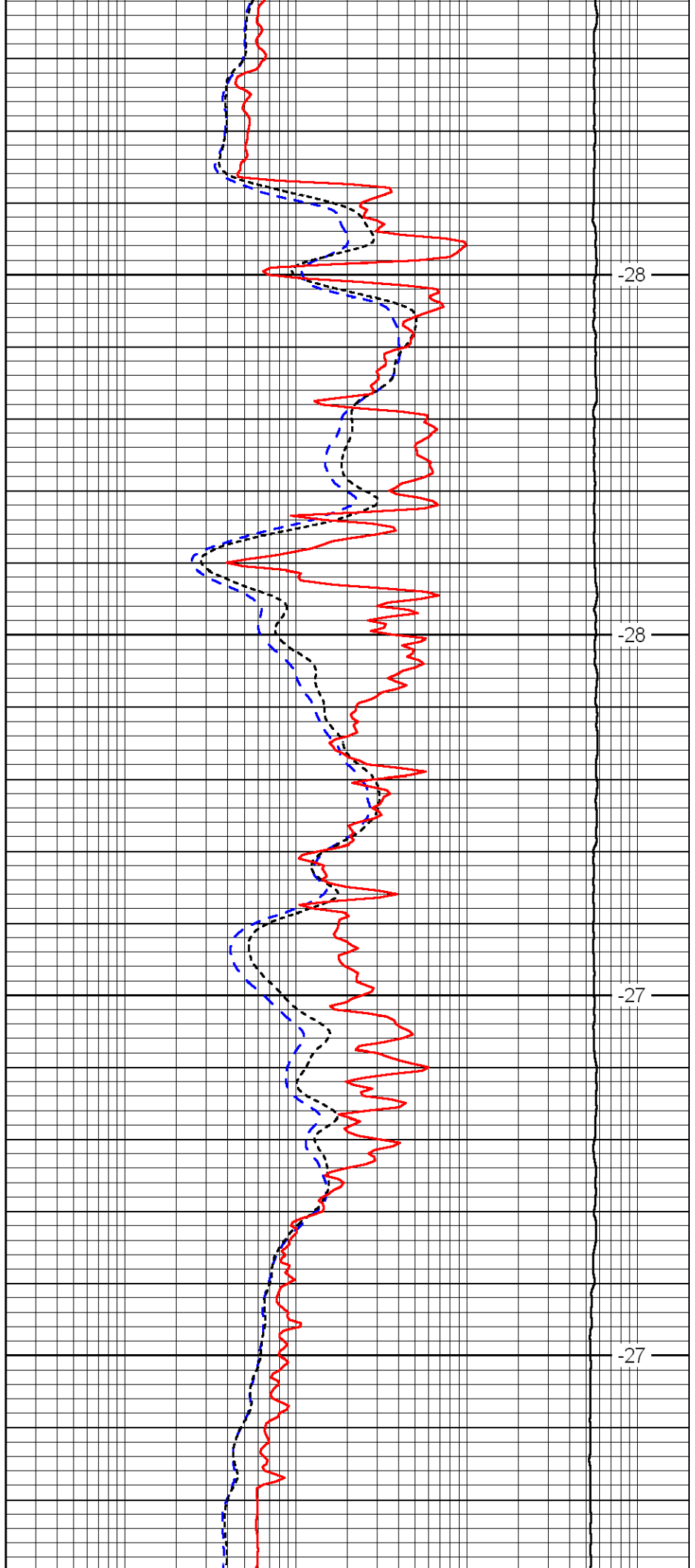


2350

2400

2450

2500

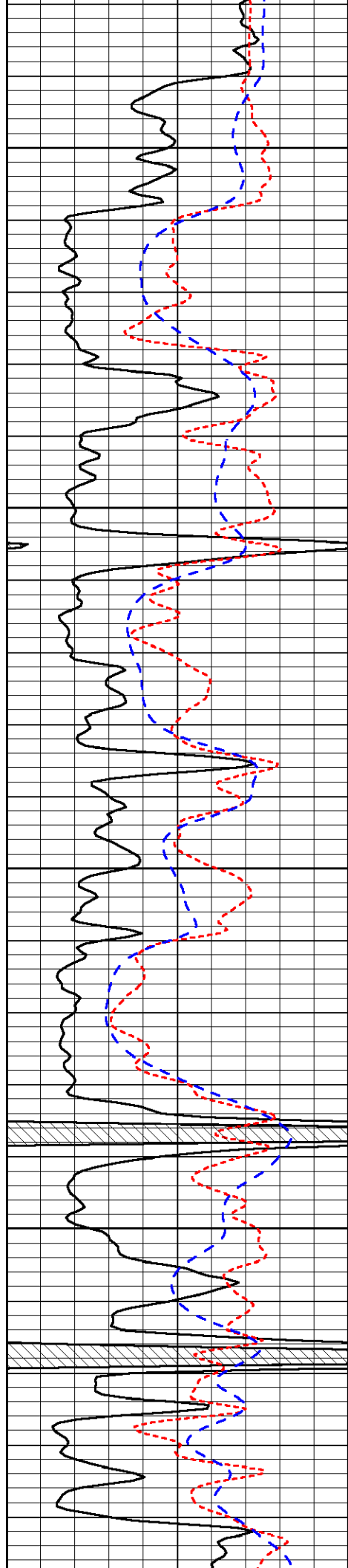


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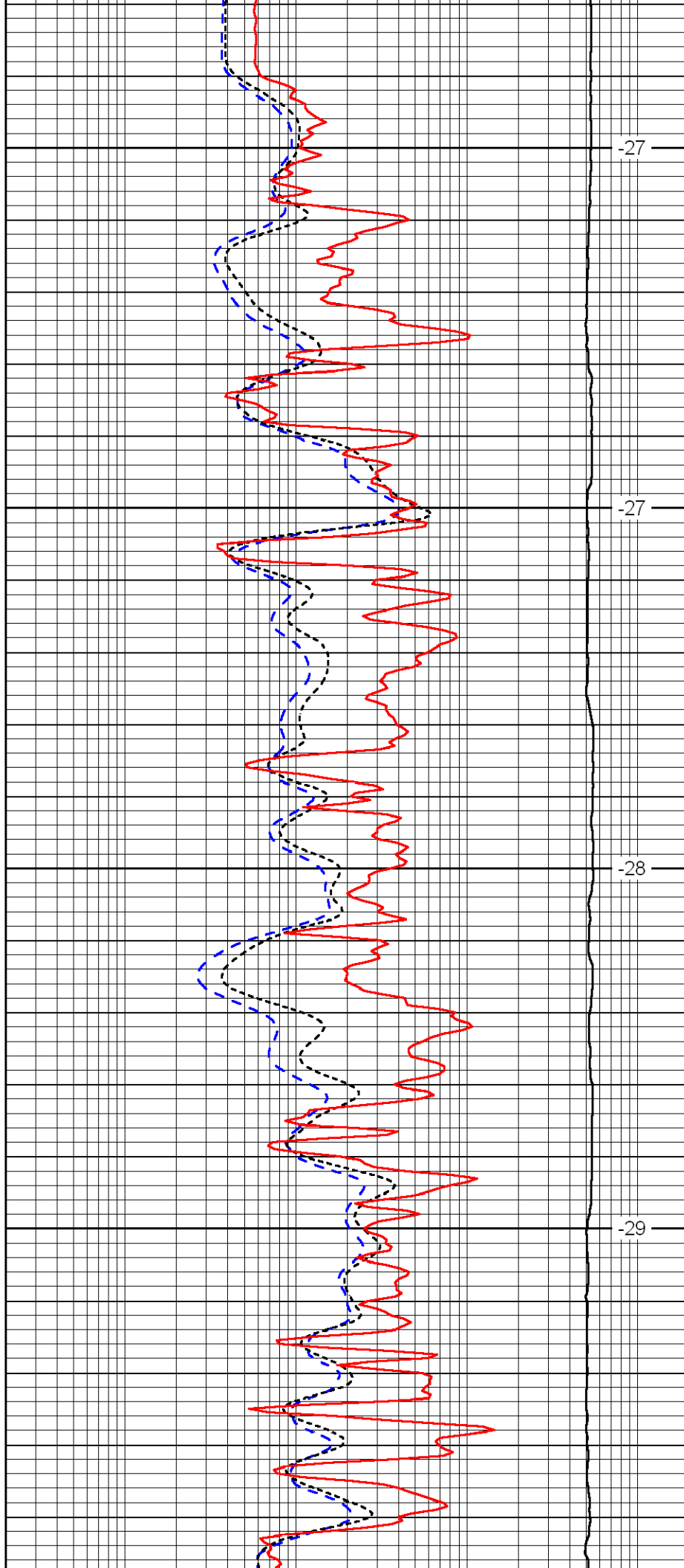


2550

2600

2650

2700

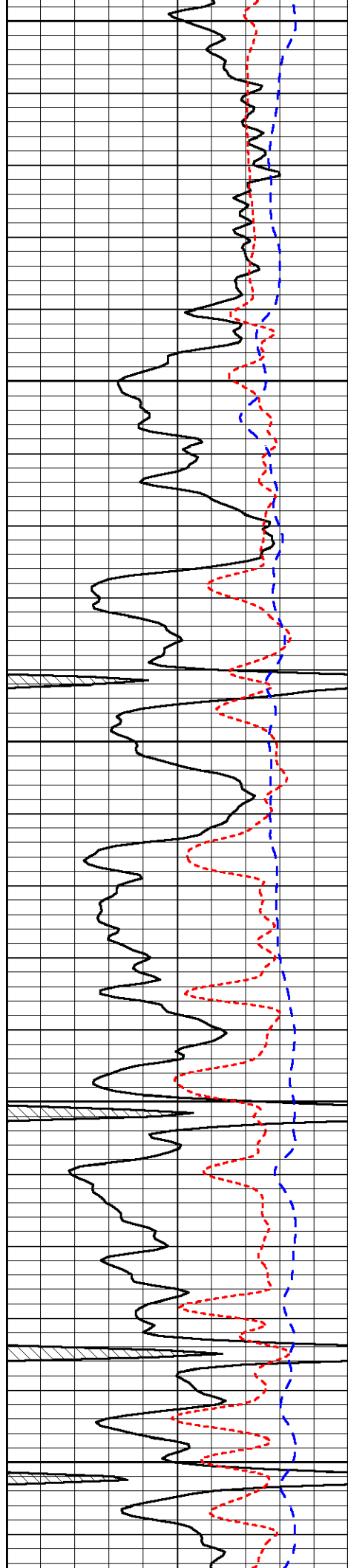


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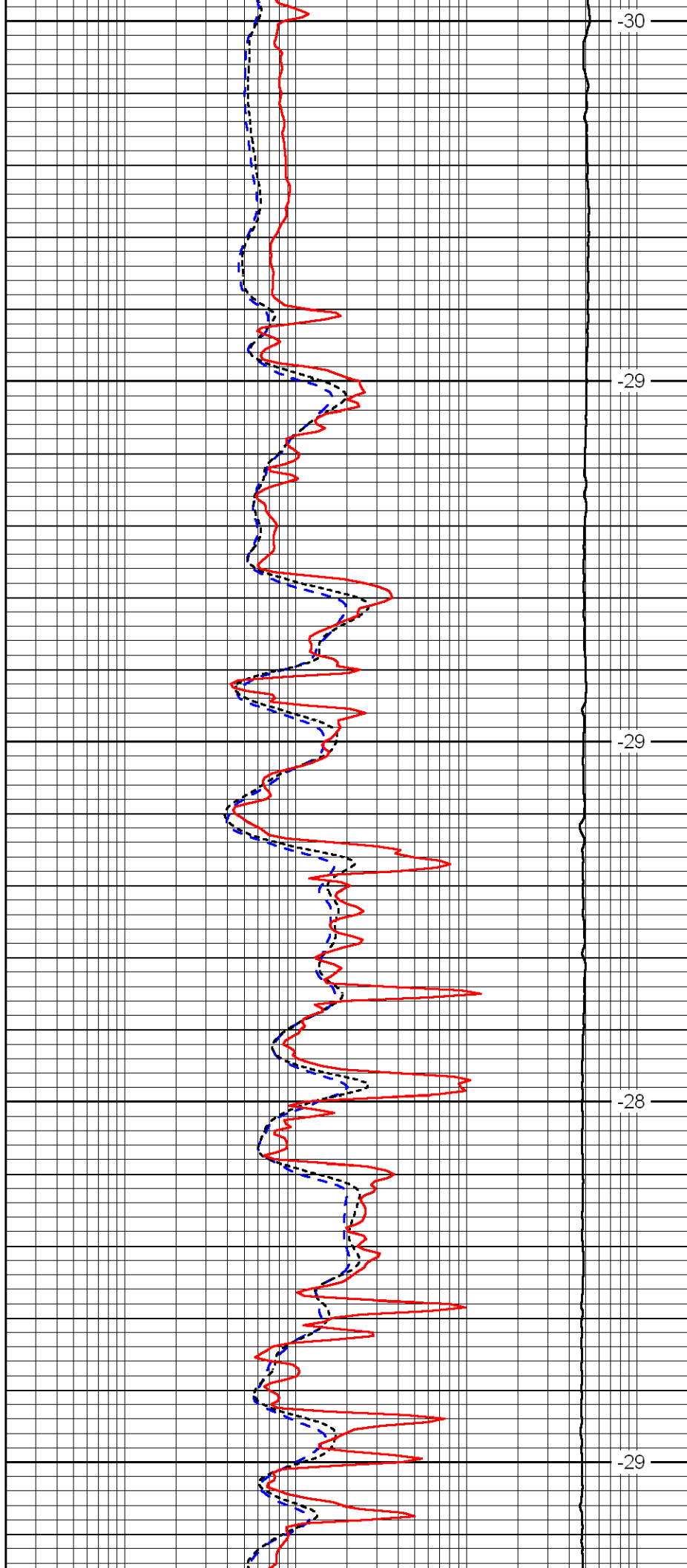
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2800

2850

2900

2950



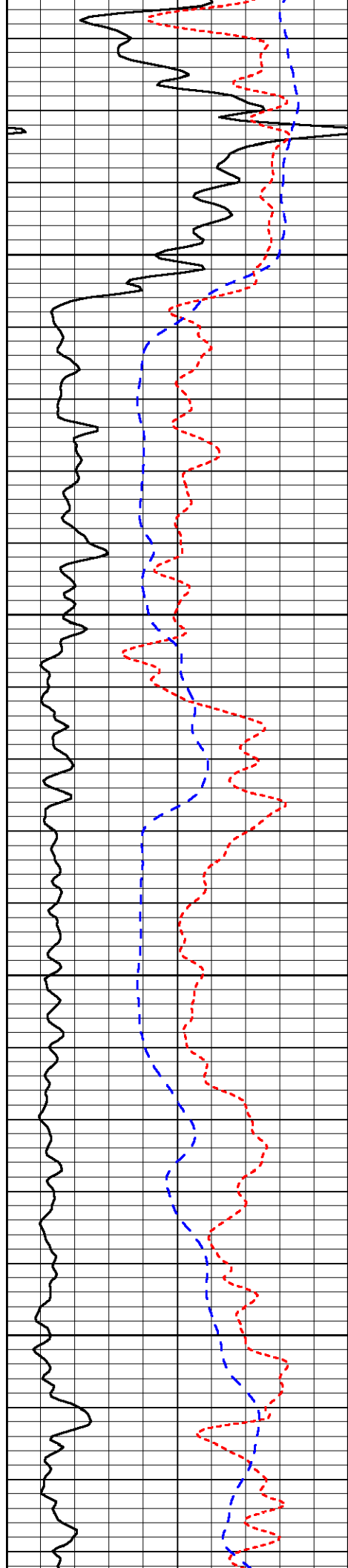
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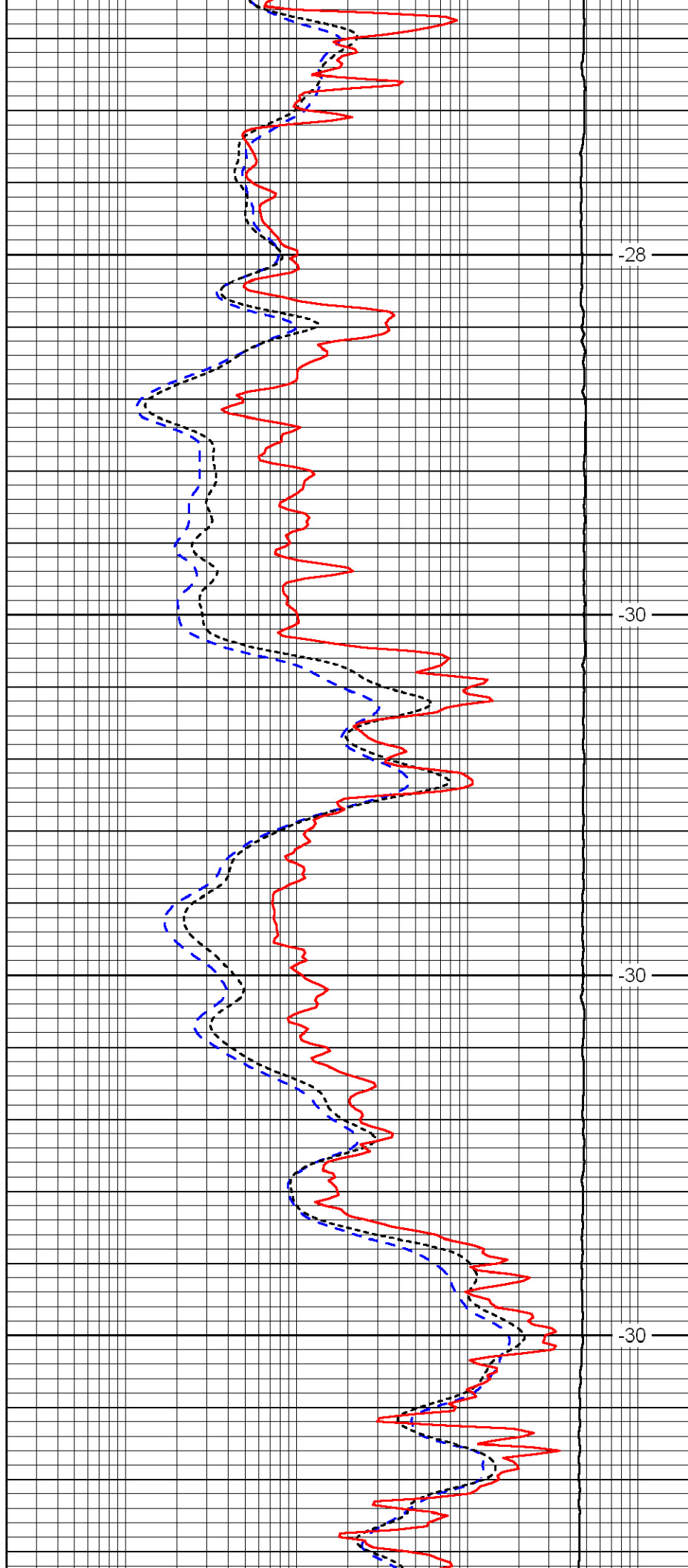


3000

3050

3100

3150

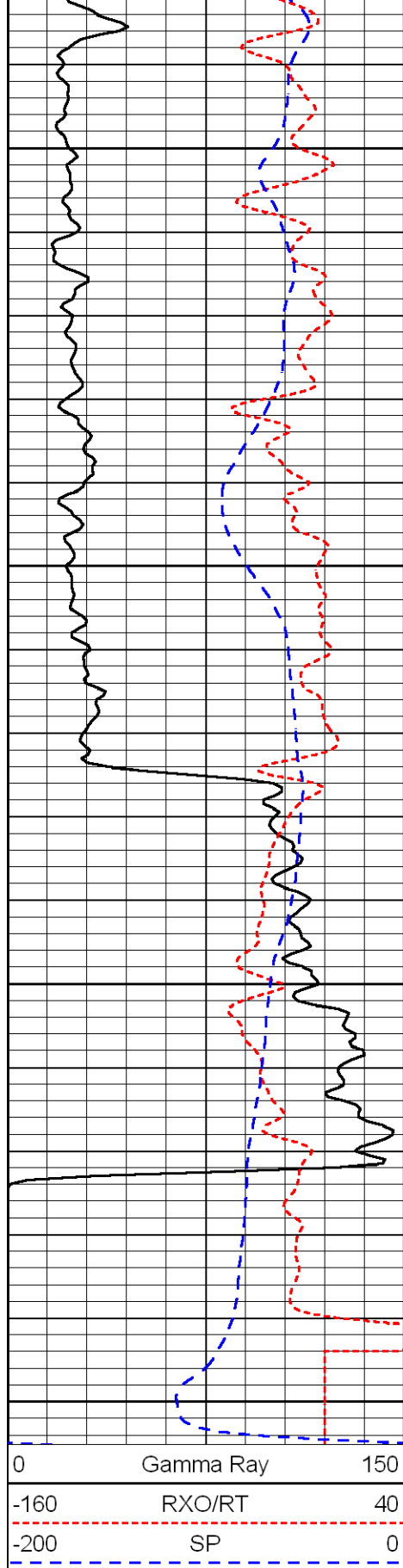


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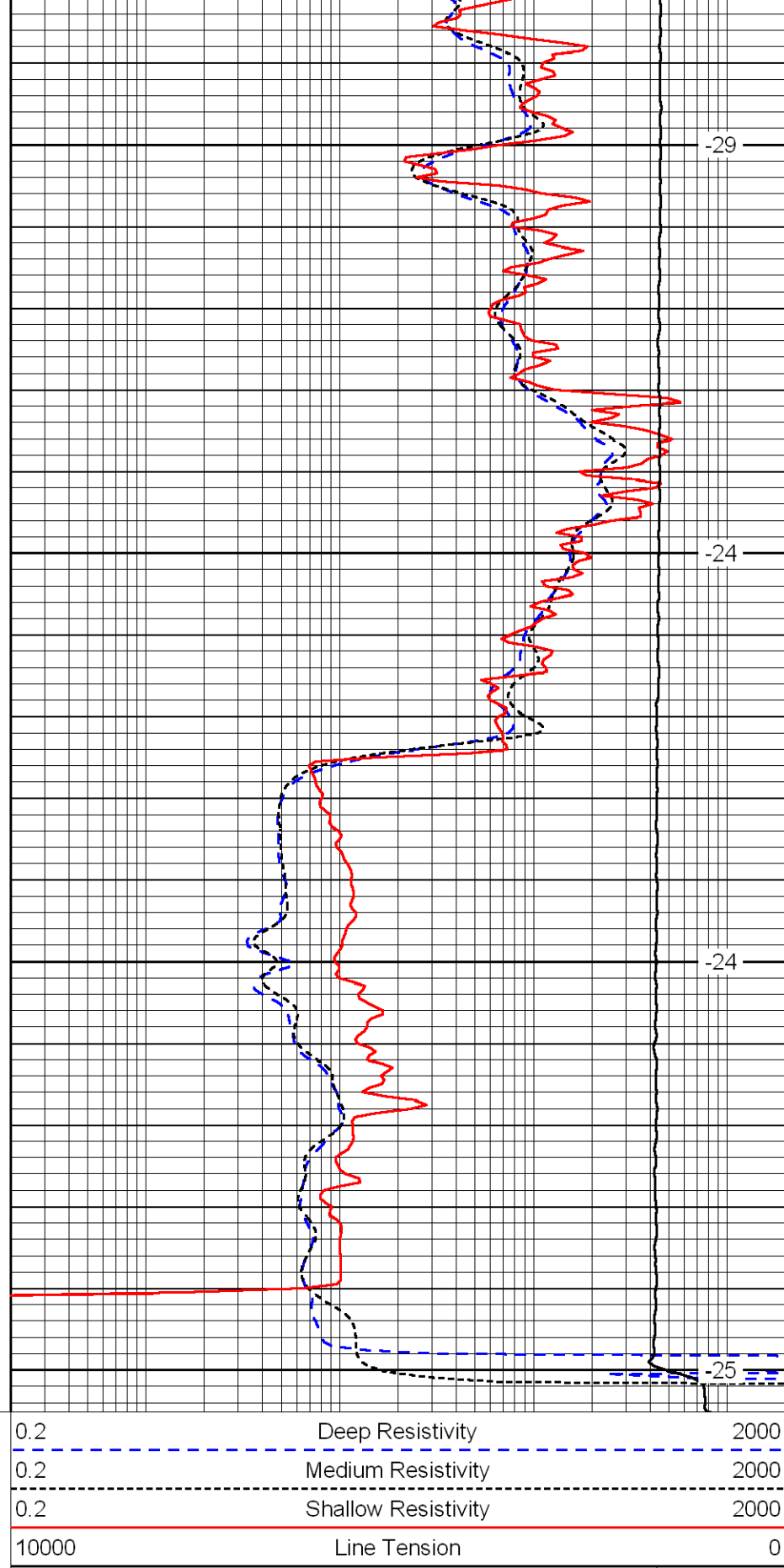


3200

3250

3300

3350



-29

-24

-24

-25

LSPD