



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.

15-179-21,304-00-00

Company Culbreath Oil & Gas Company, Inc.

Well Pratt No. 1-16

Field

County Sheridan State Kansas

Location

NE NE NW
330' FNL & 2,310' FWL

Other Services
CNL/CDL

Sec: 16 Twp: 9S Rge: 28W

Permanent Datum Ground Level Elevation 2739
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2747
D.F.
G.L. 2739

Date 6/14/2012

Run Number One

Depth Driller 4190

Depth Logger 4193

Bottom Logged Interval 4192

Top Log Interval 250

Casing Driller 8.625 @ 253

Casing Logger 259

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2000

Density / Viscosity 9.5 54

pH / Fluid Loss 8.5 8.0

Source of Sample Flowline

Rm @ Meas. Temp 1.02 @ 79

Rmf @ Meas. Temp .77 @ 79

Rmc @ Meas. Temp 1.38 @ 79

Source of Rmf / Rmc Charts

Rm @ BHT .68 @ 118

Operating Rig Time 4 1/2 Hours

Max Rec. Temp. F 118

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By Pat Deenihan

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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

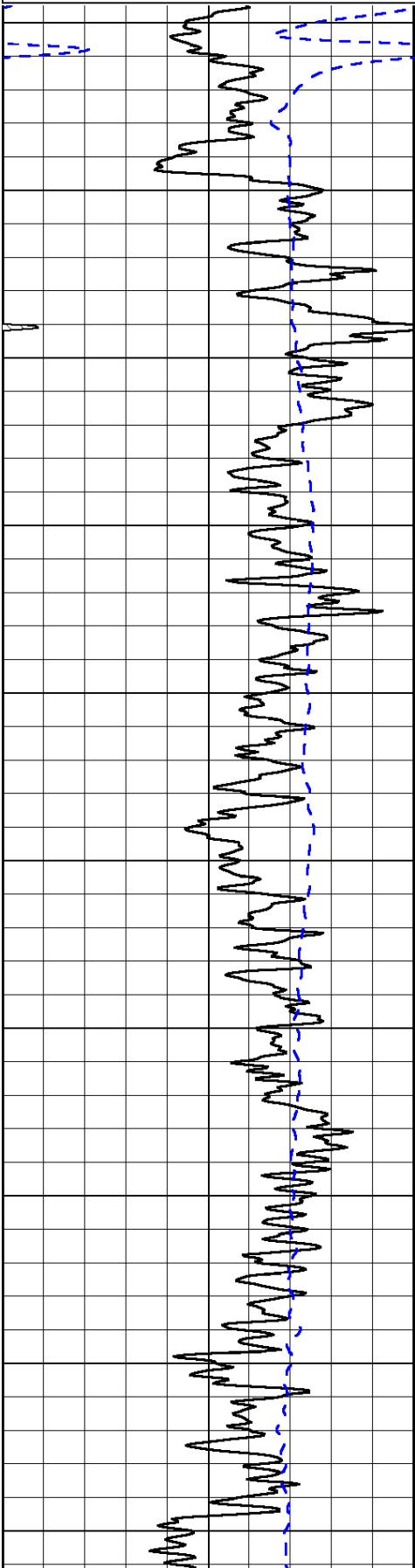
Thank you for using Log-Tech, Inc.
(785) 625-3858

Hoxie, 7 South to County Road 406, 1/2 West, North Into

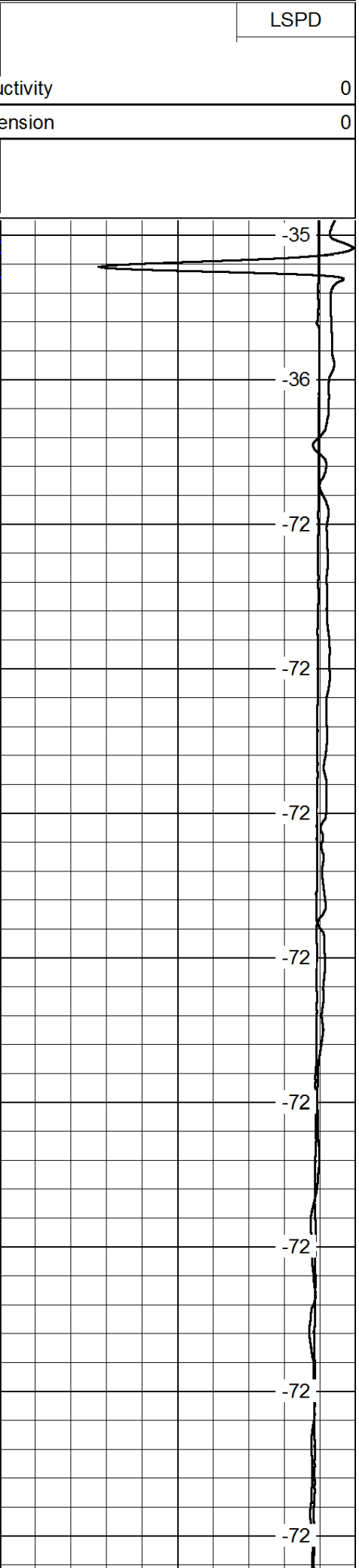
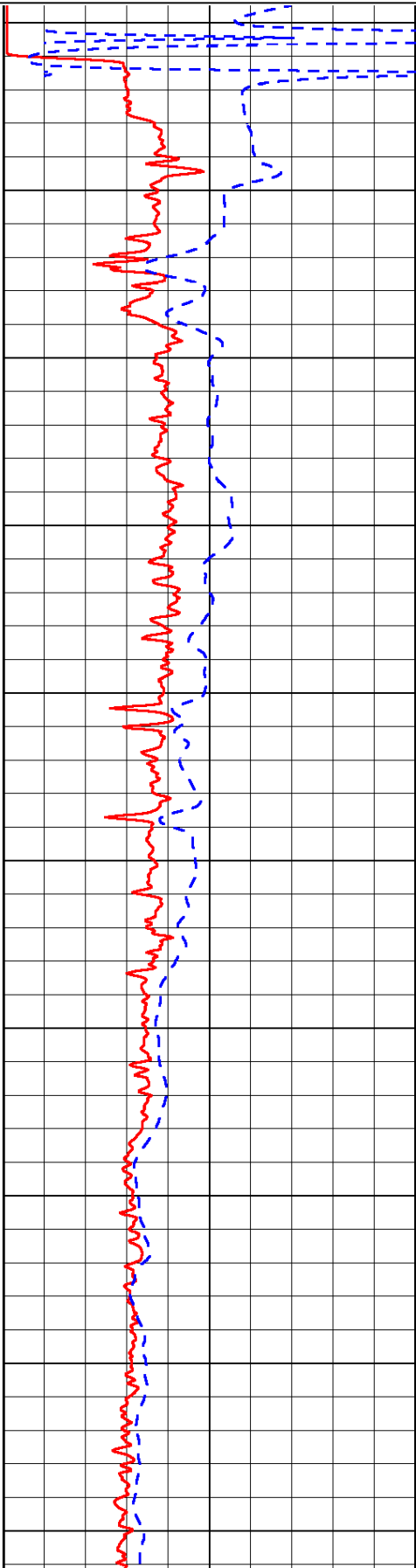
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Charted by: Depth in Feet scaled 1:600

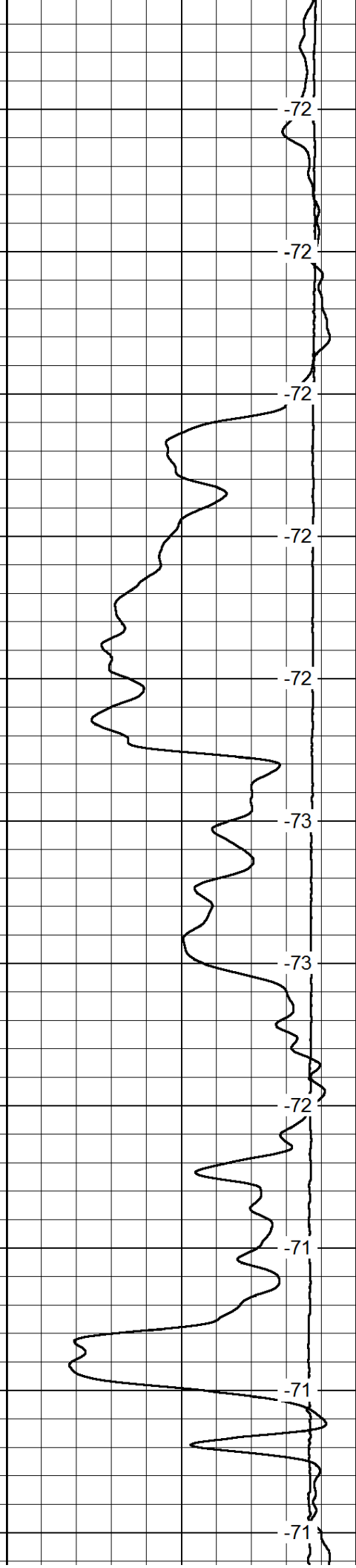
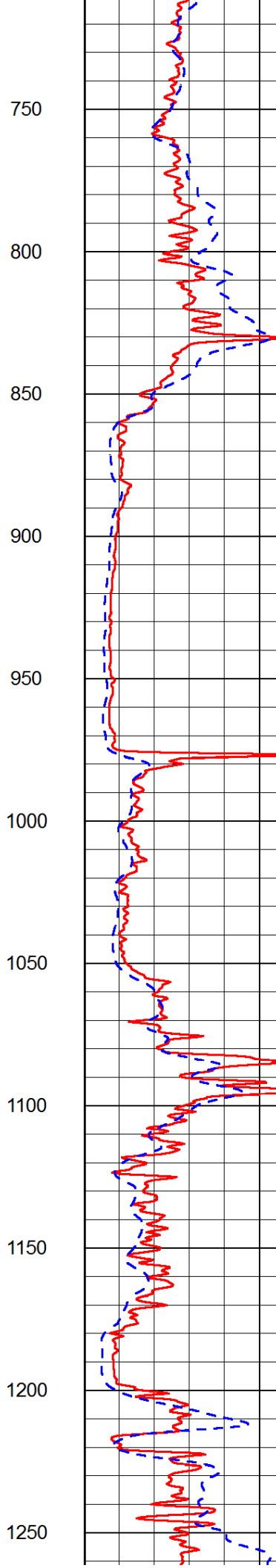
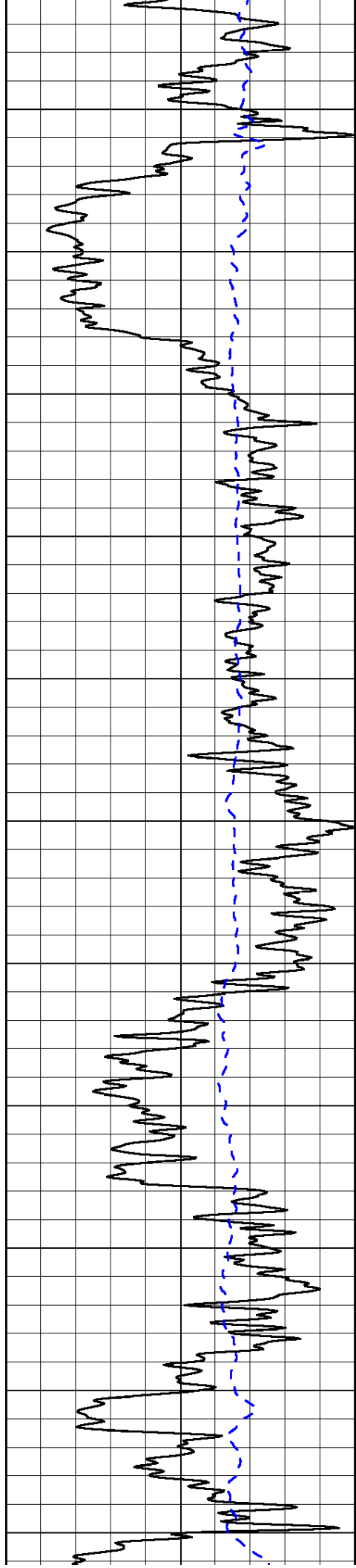
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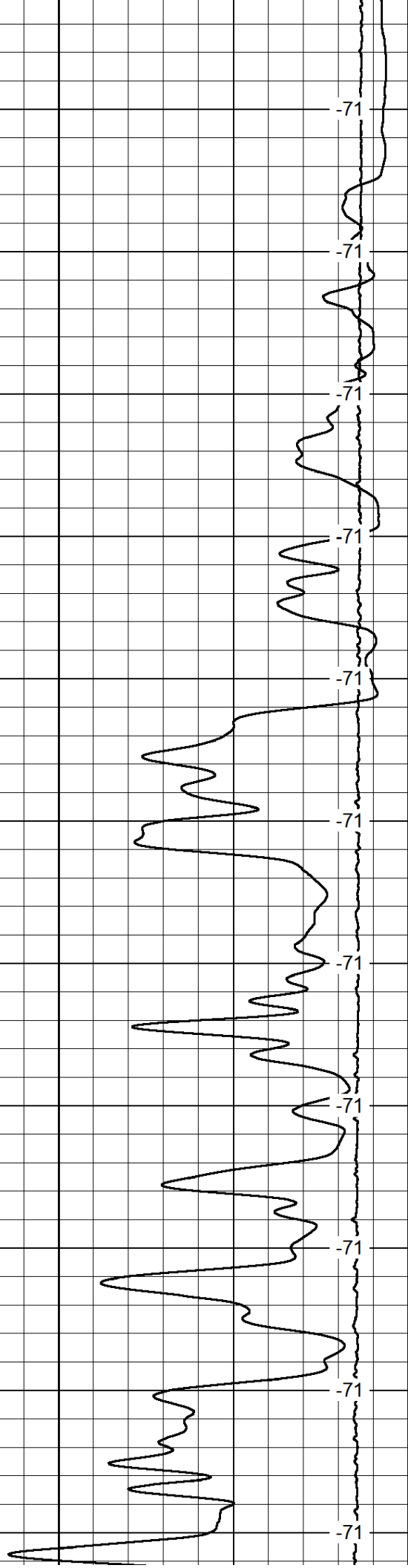
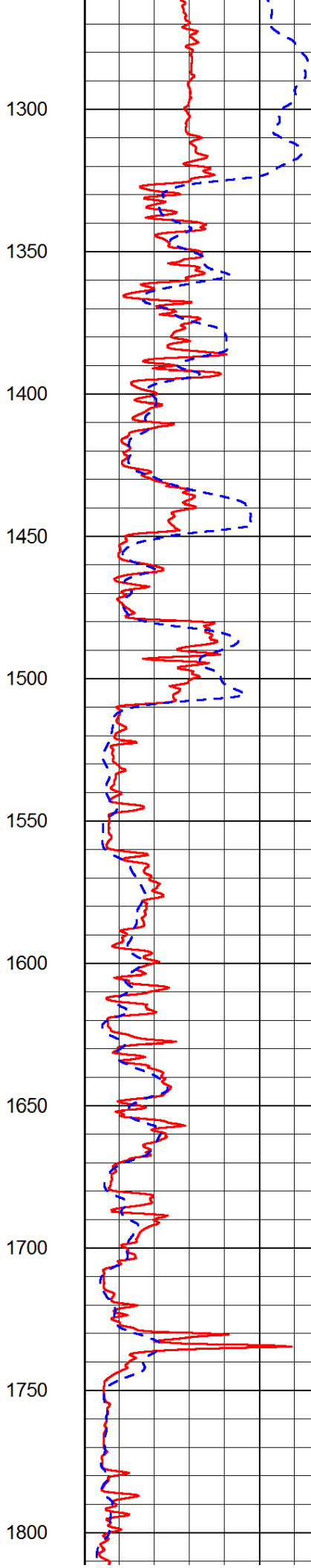
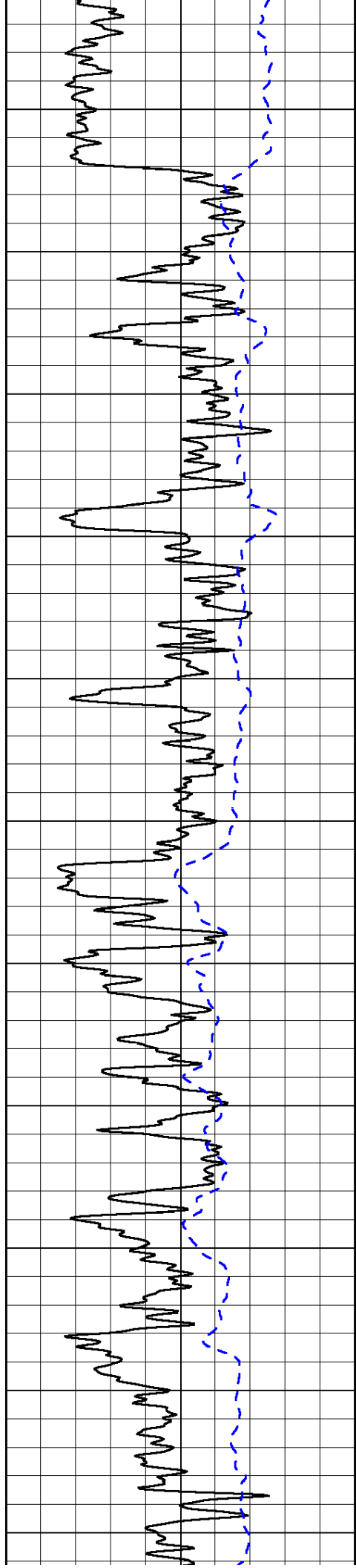
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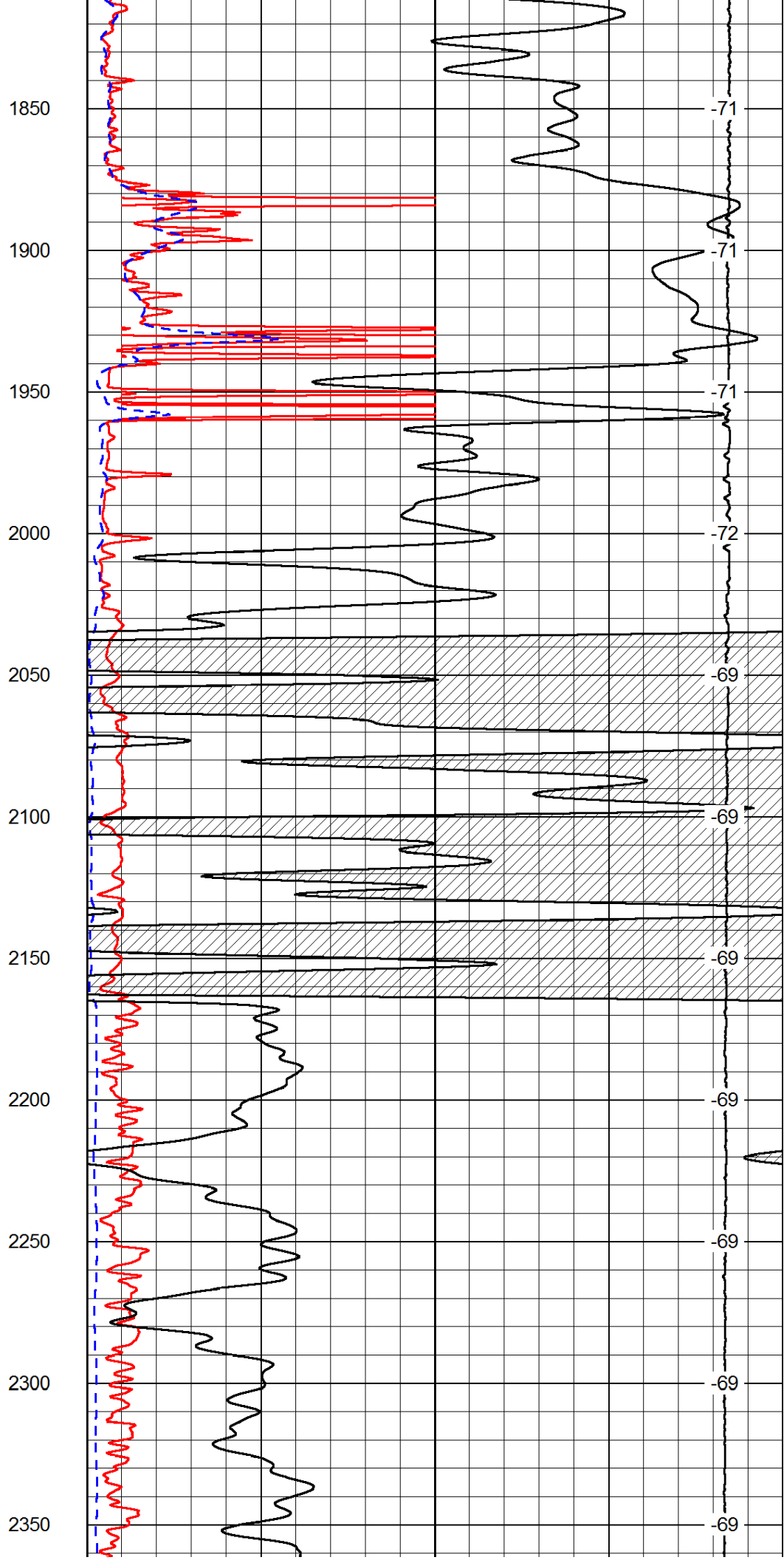
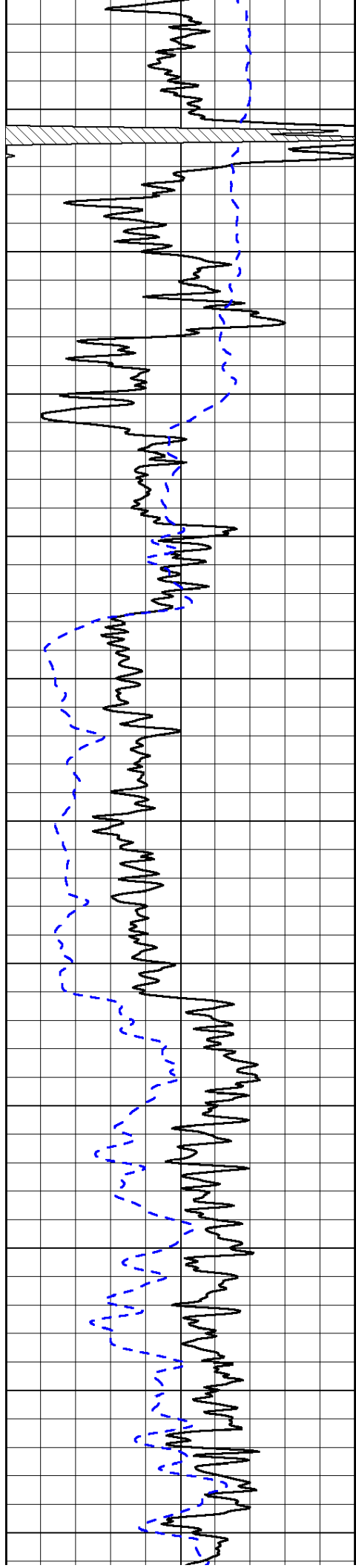


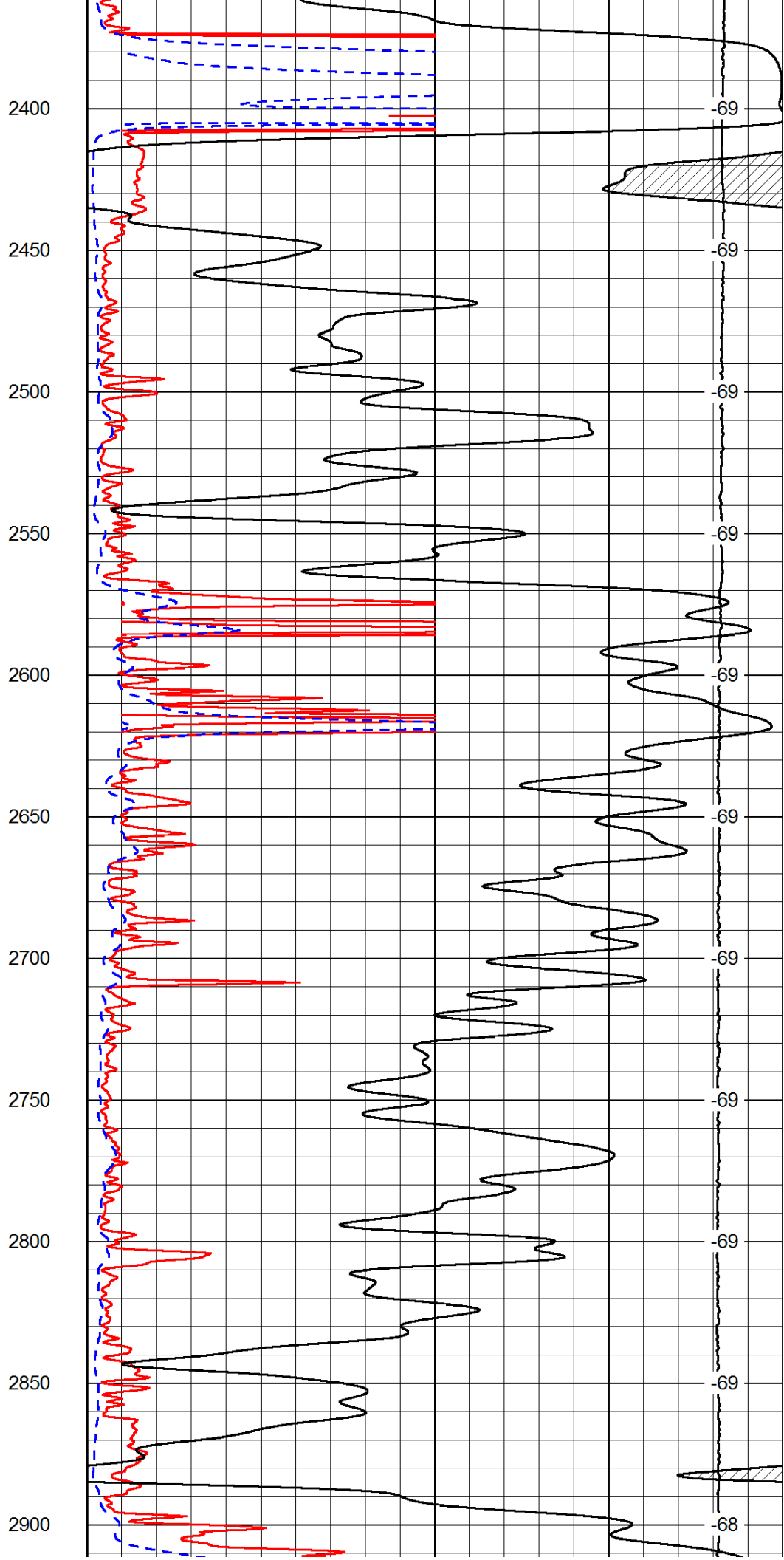
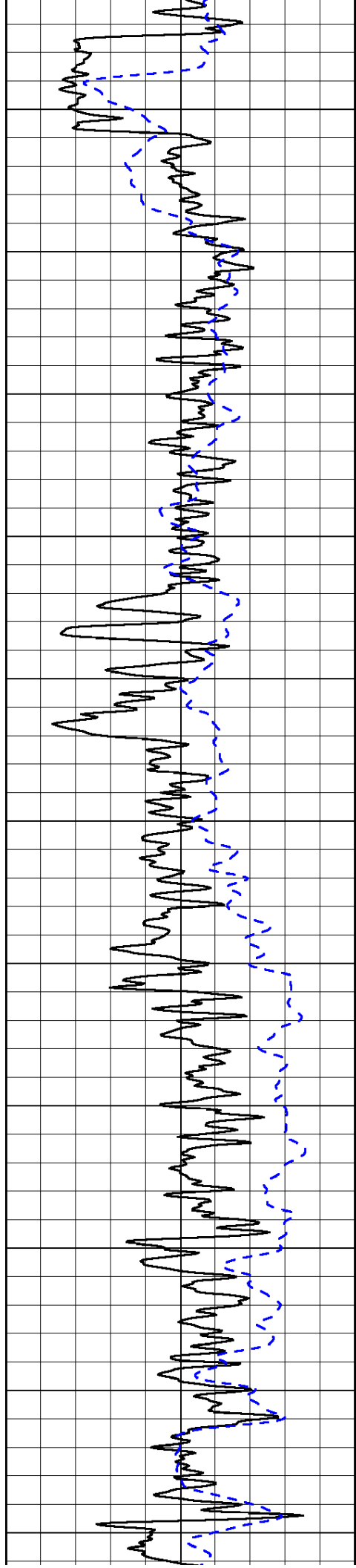
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
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50	Deep Resistivity	500

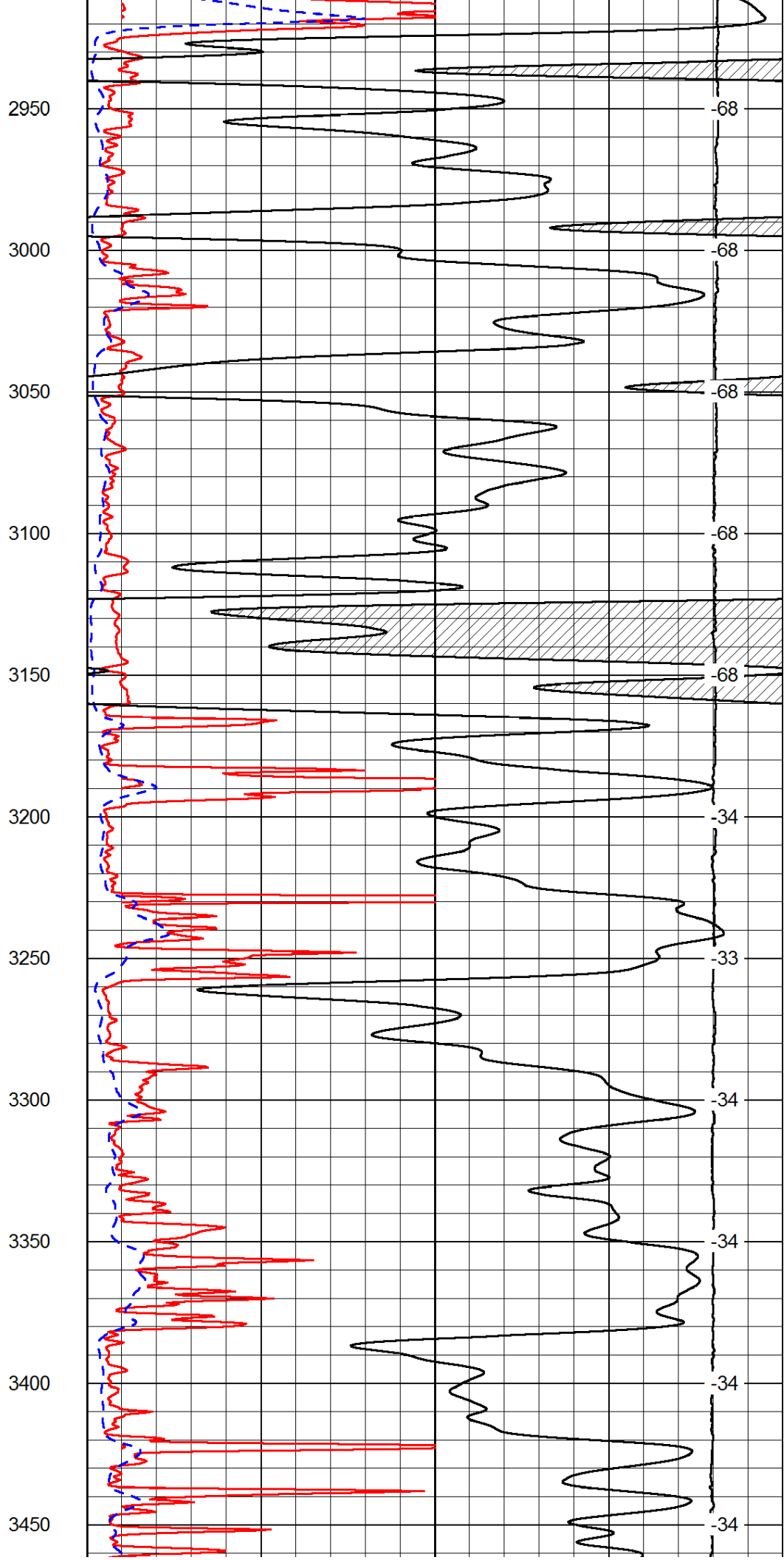
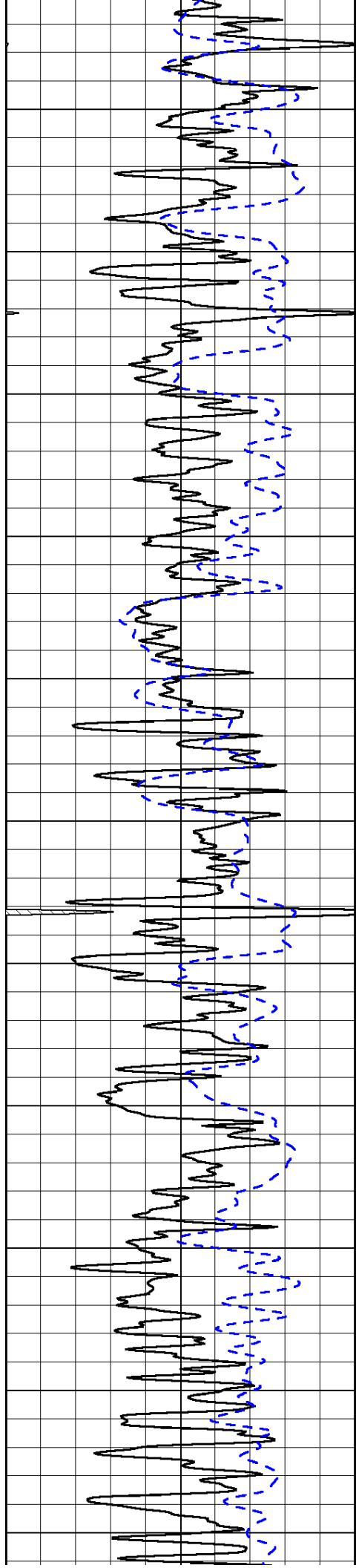


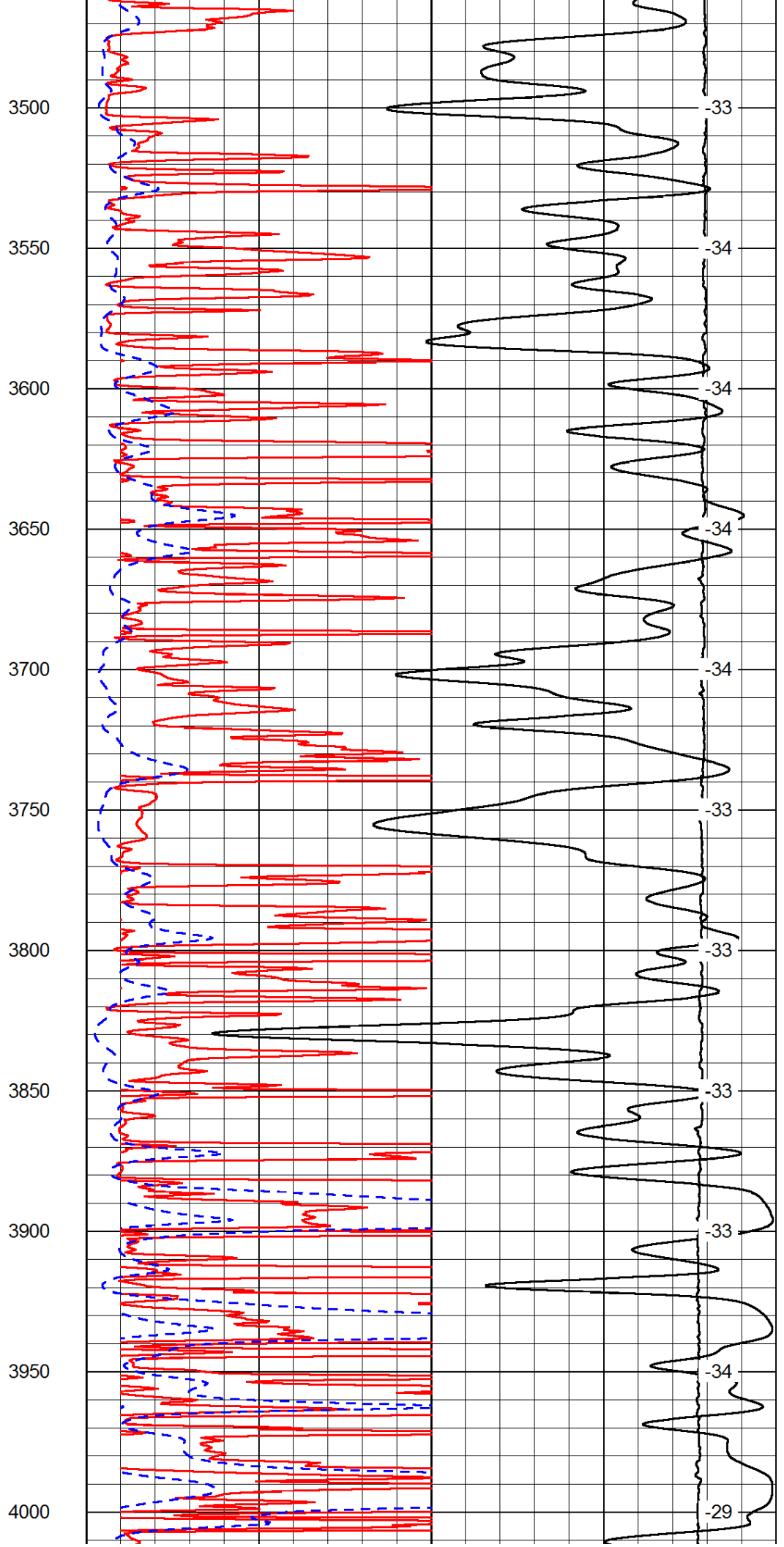
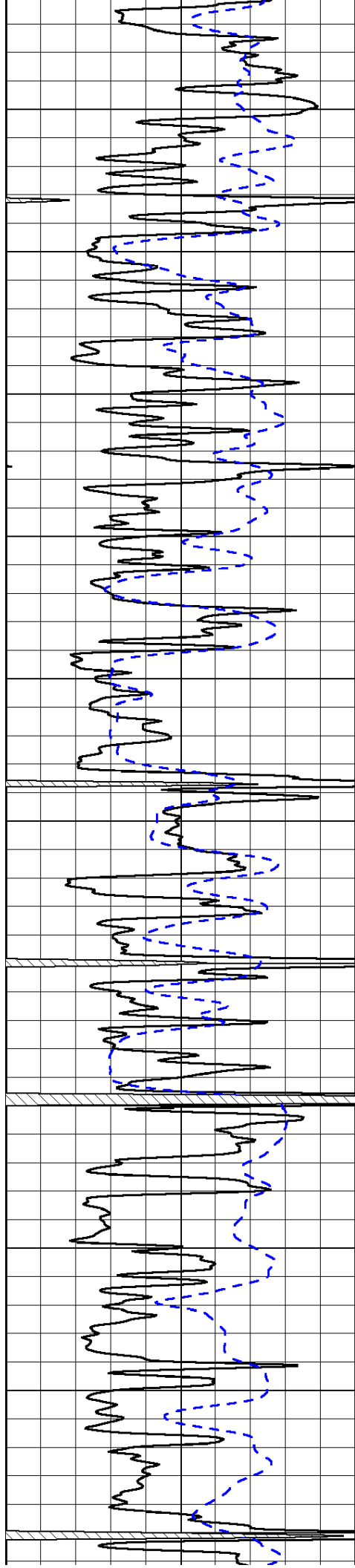


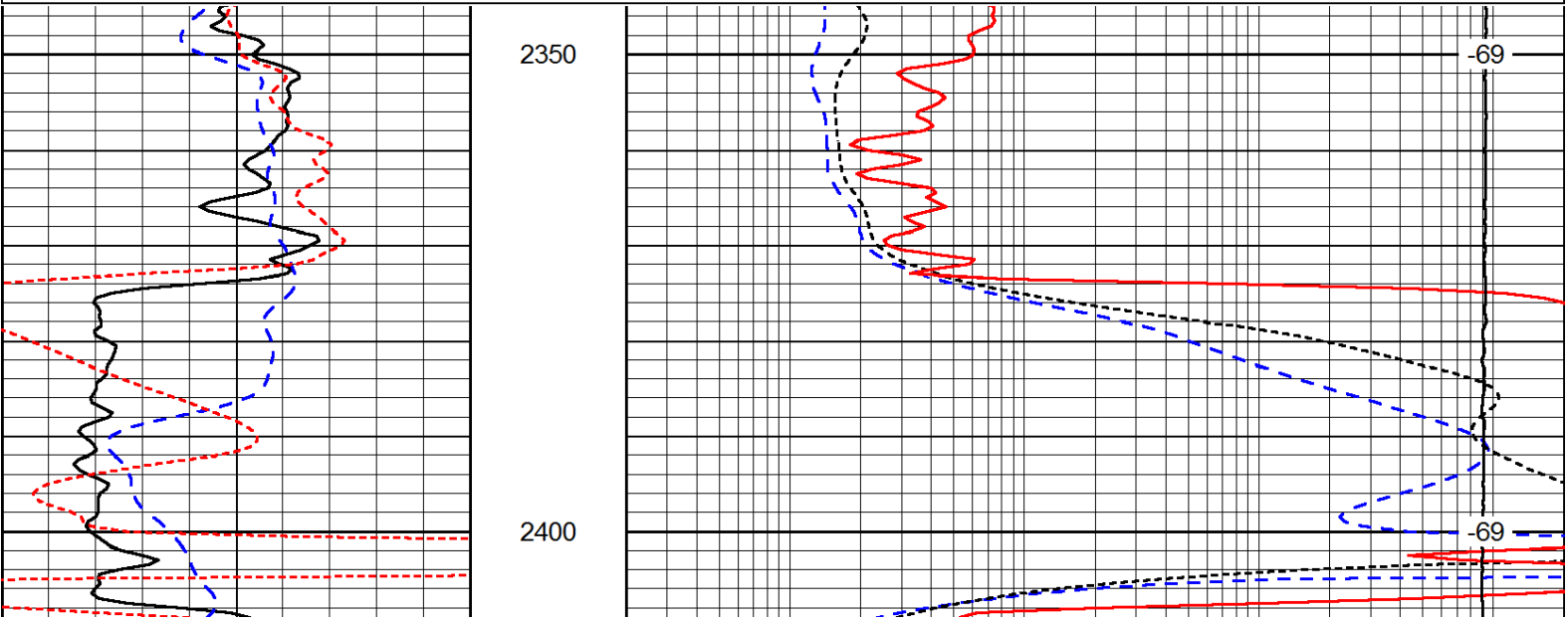
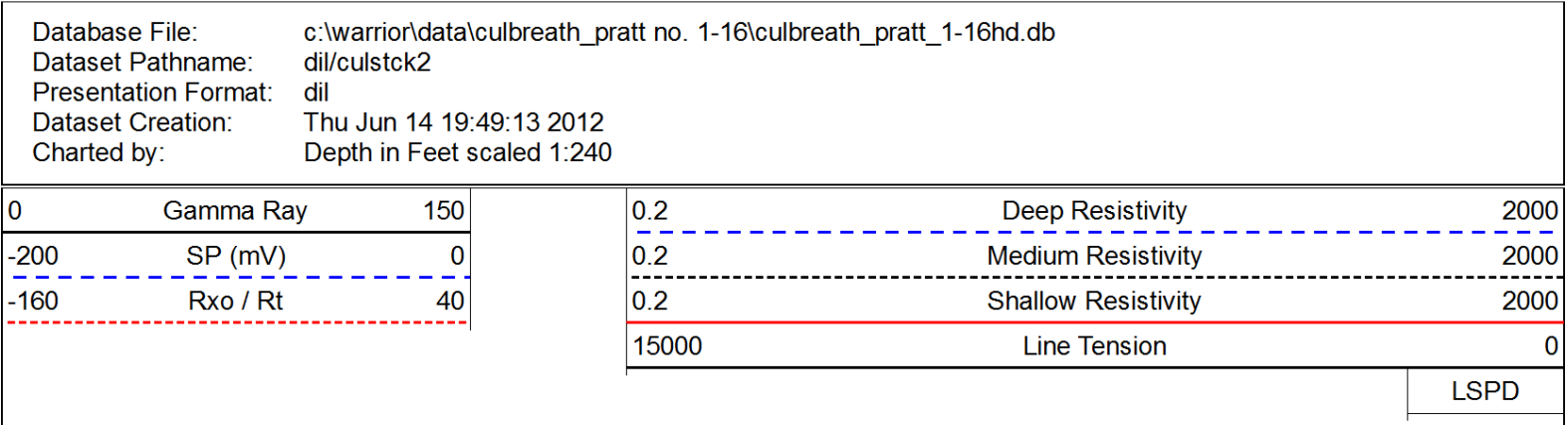
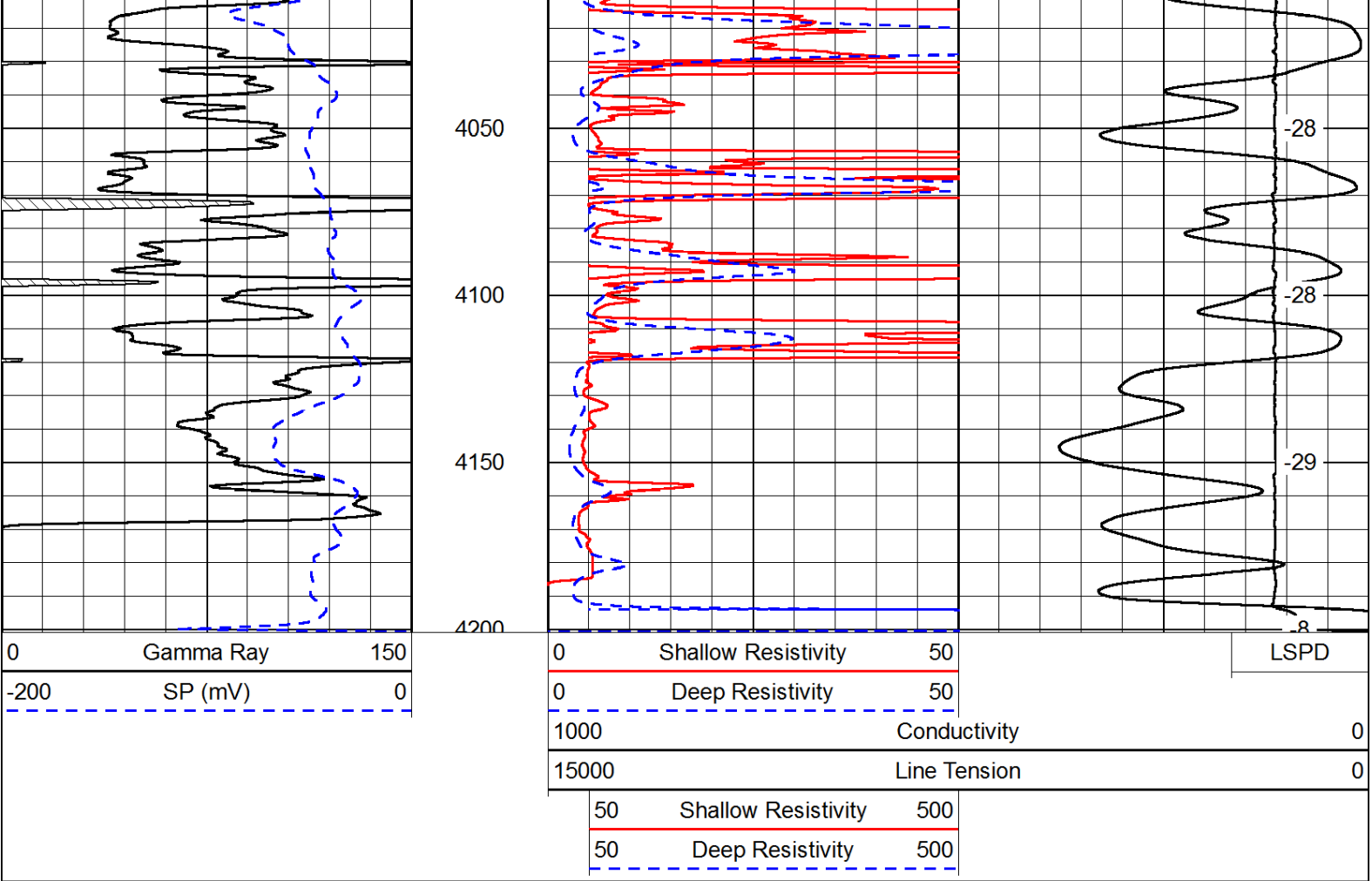


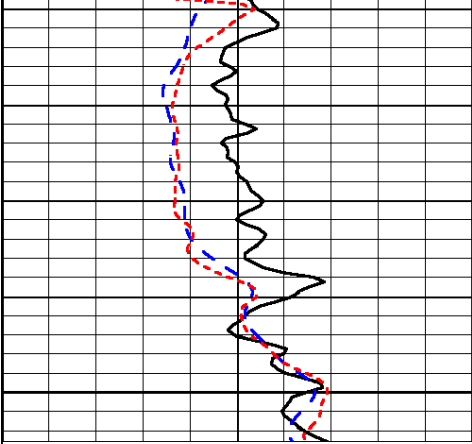




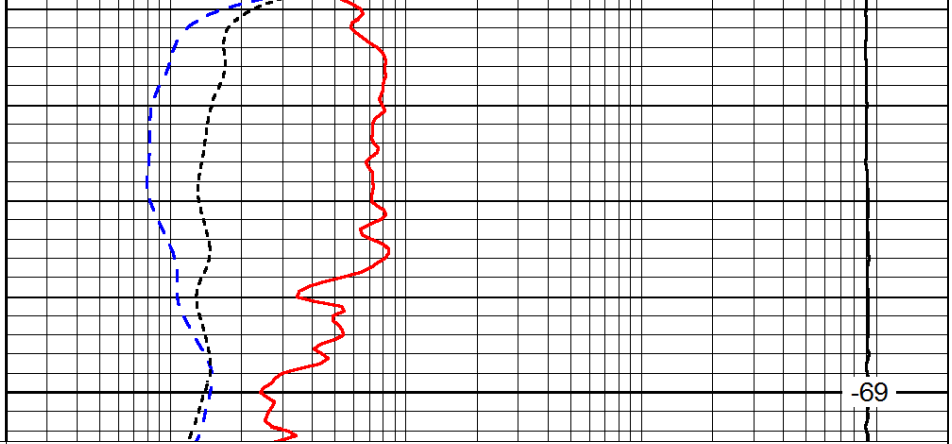








0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

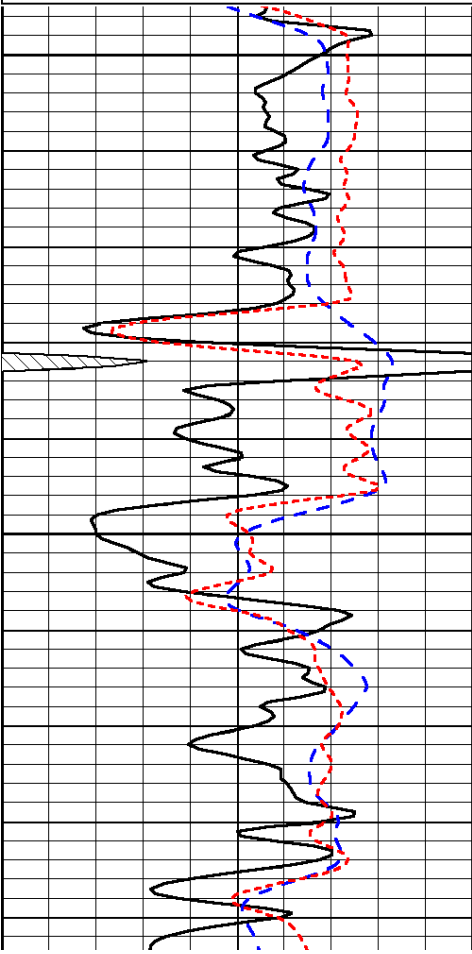
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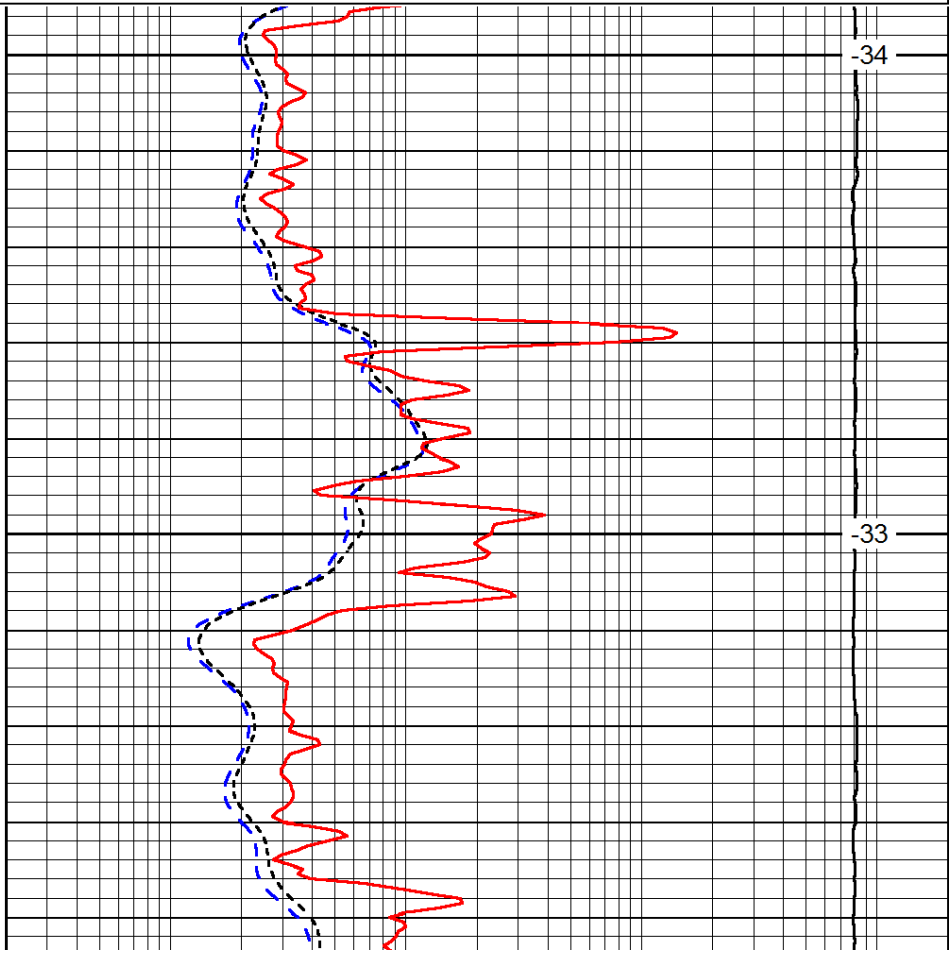
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LSPD



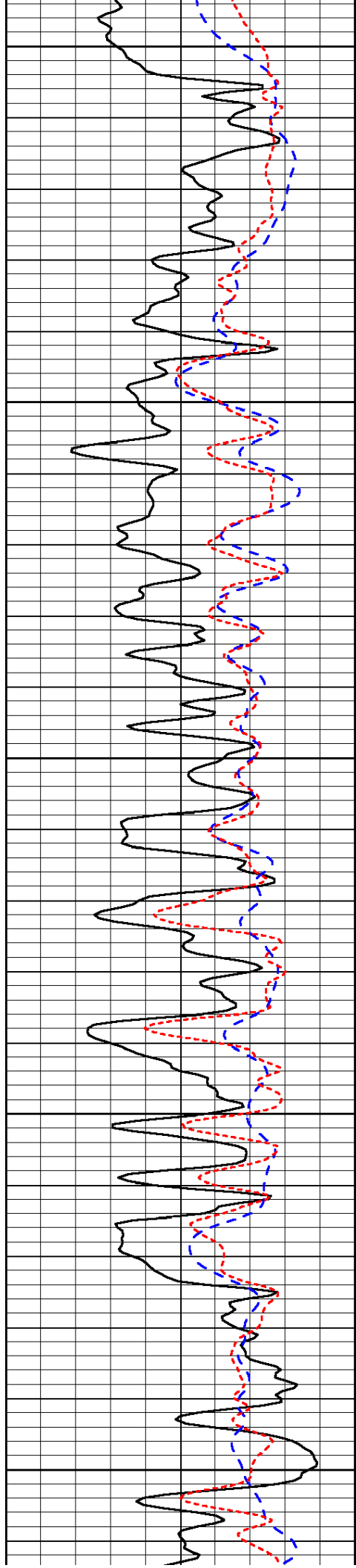
3200



-34

3250

-33



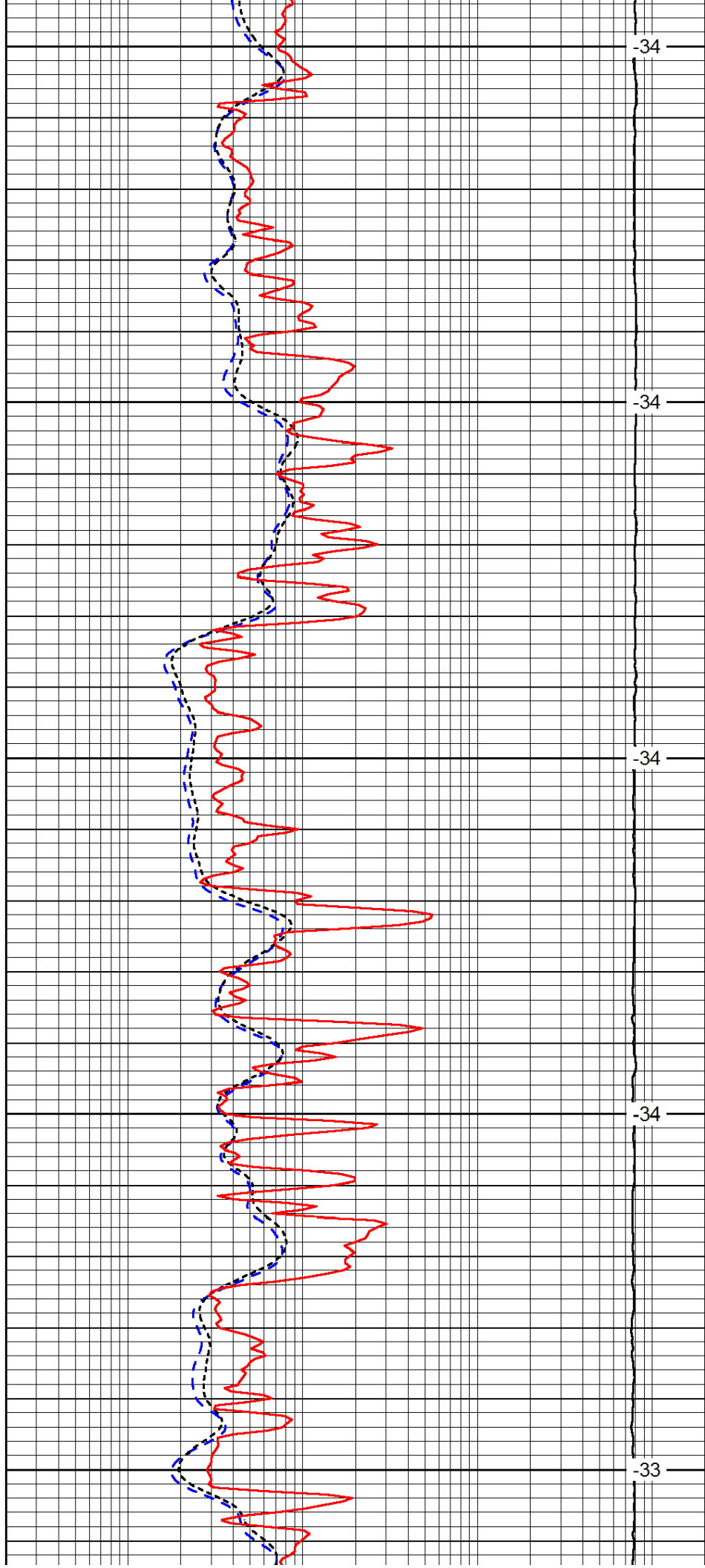
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3350

3400

3450

3500



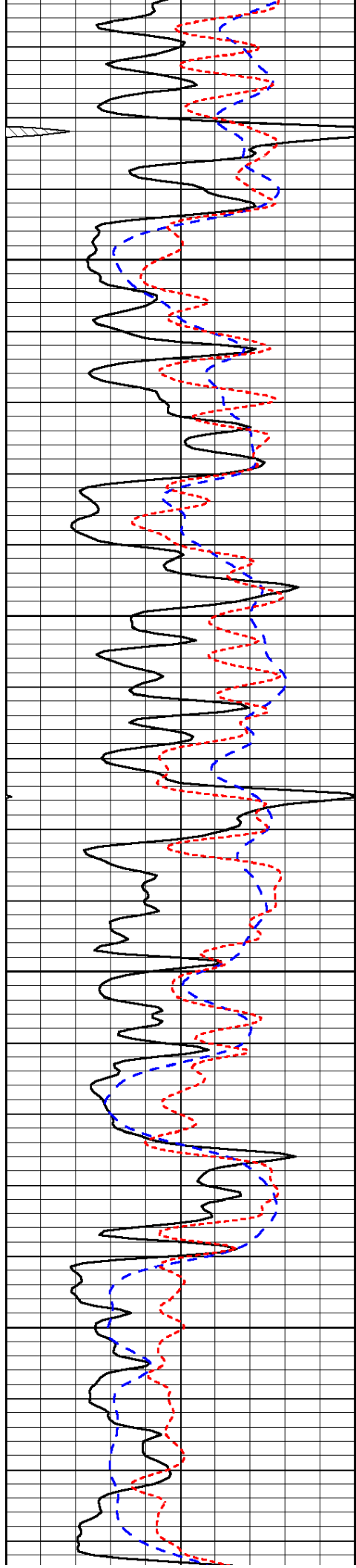
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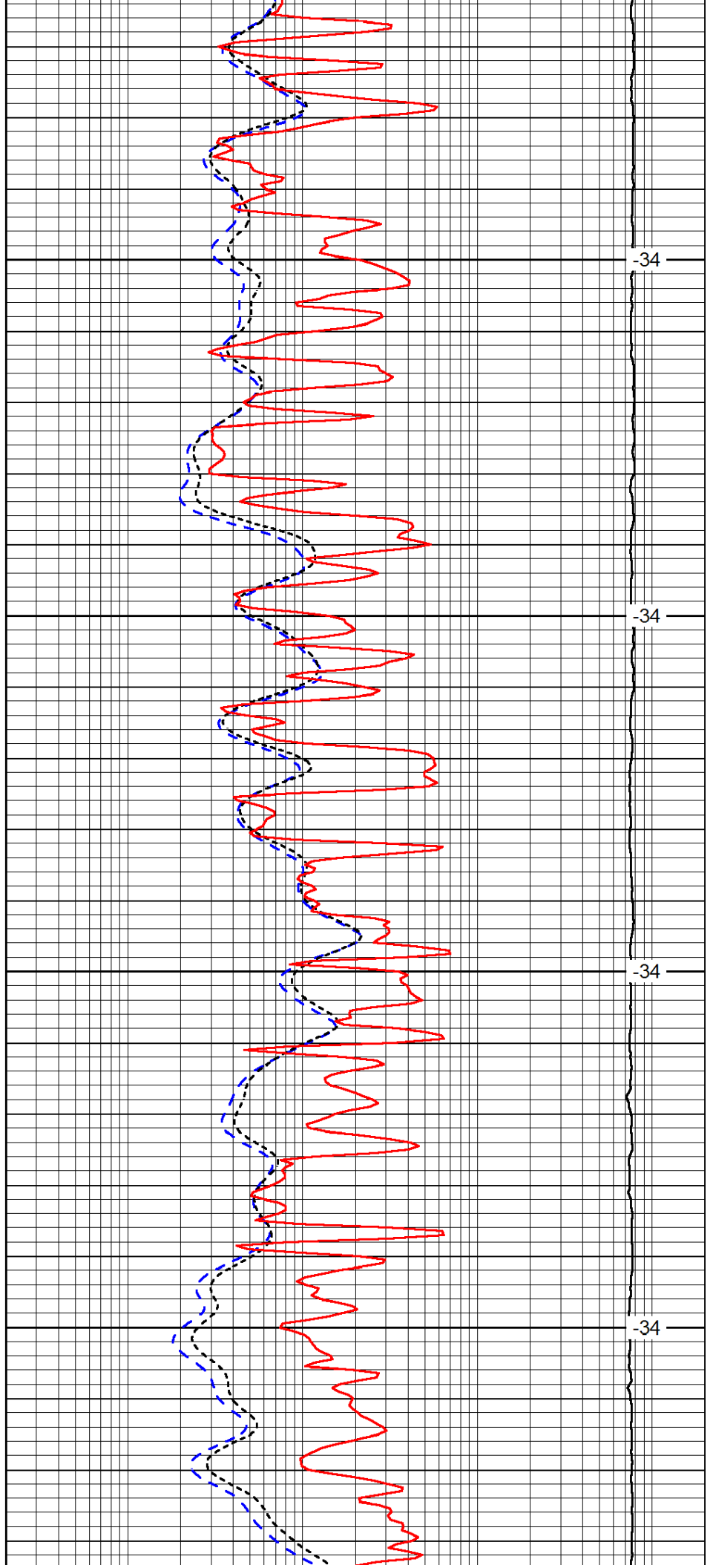


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3600

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3700

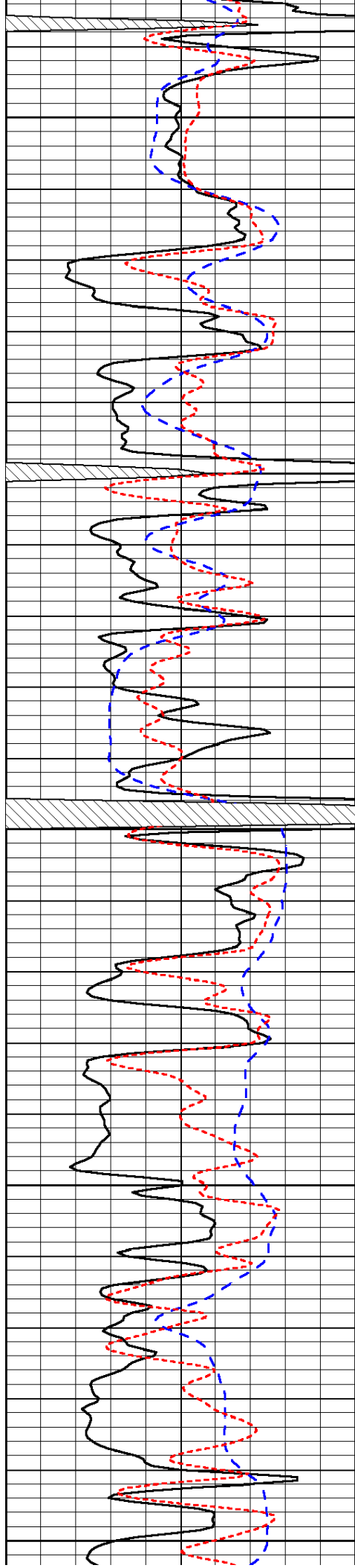


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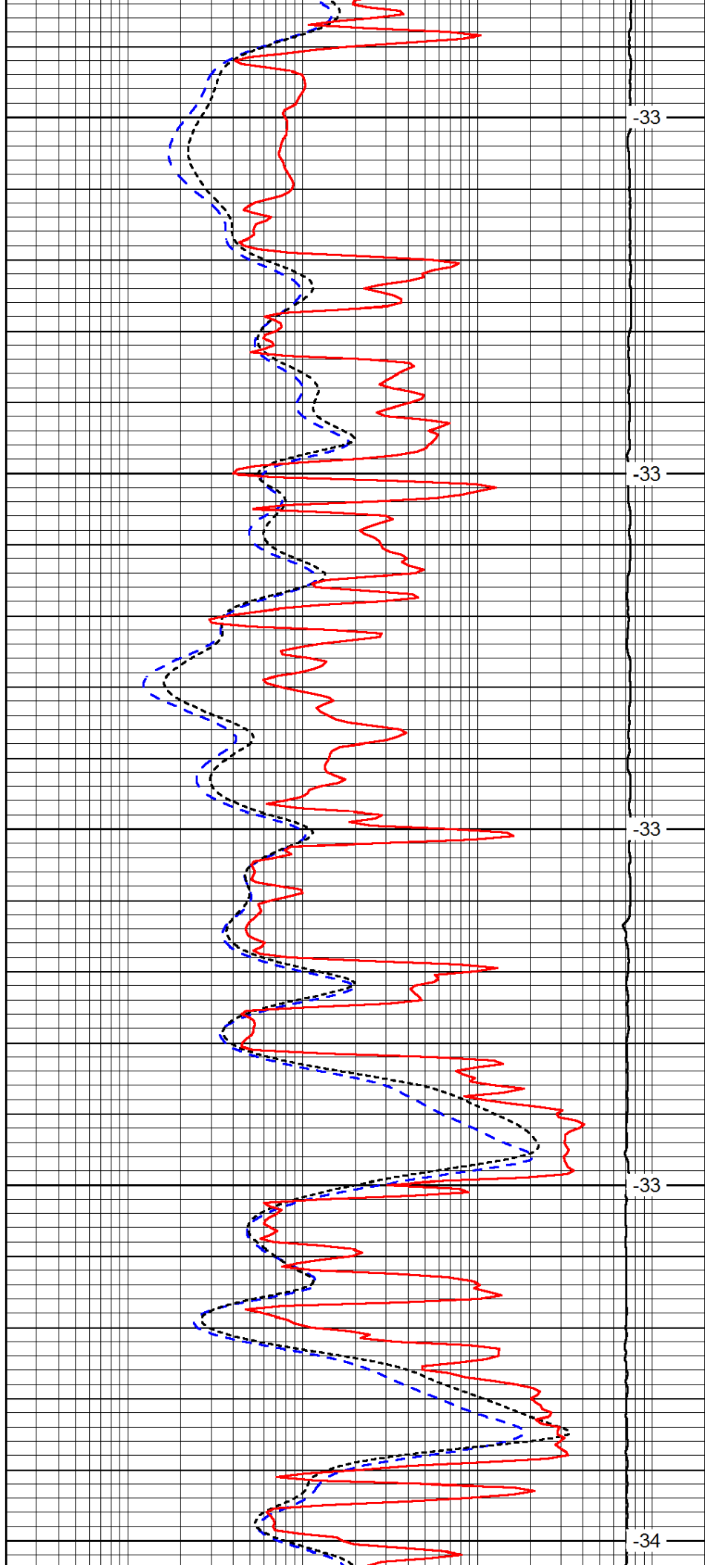
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3800

3850

3900

3950



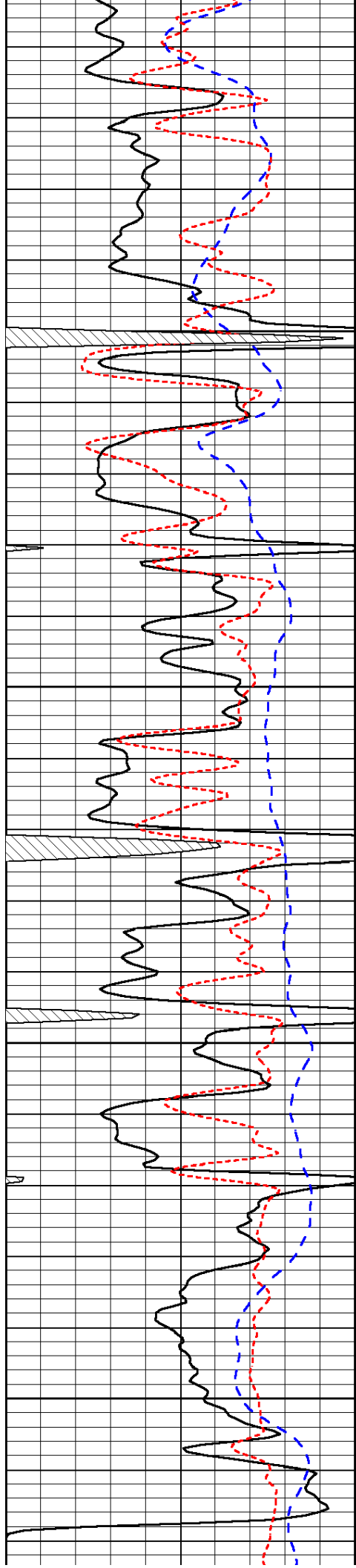
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-33

-33

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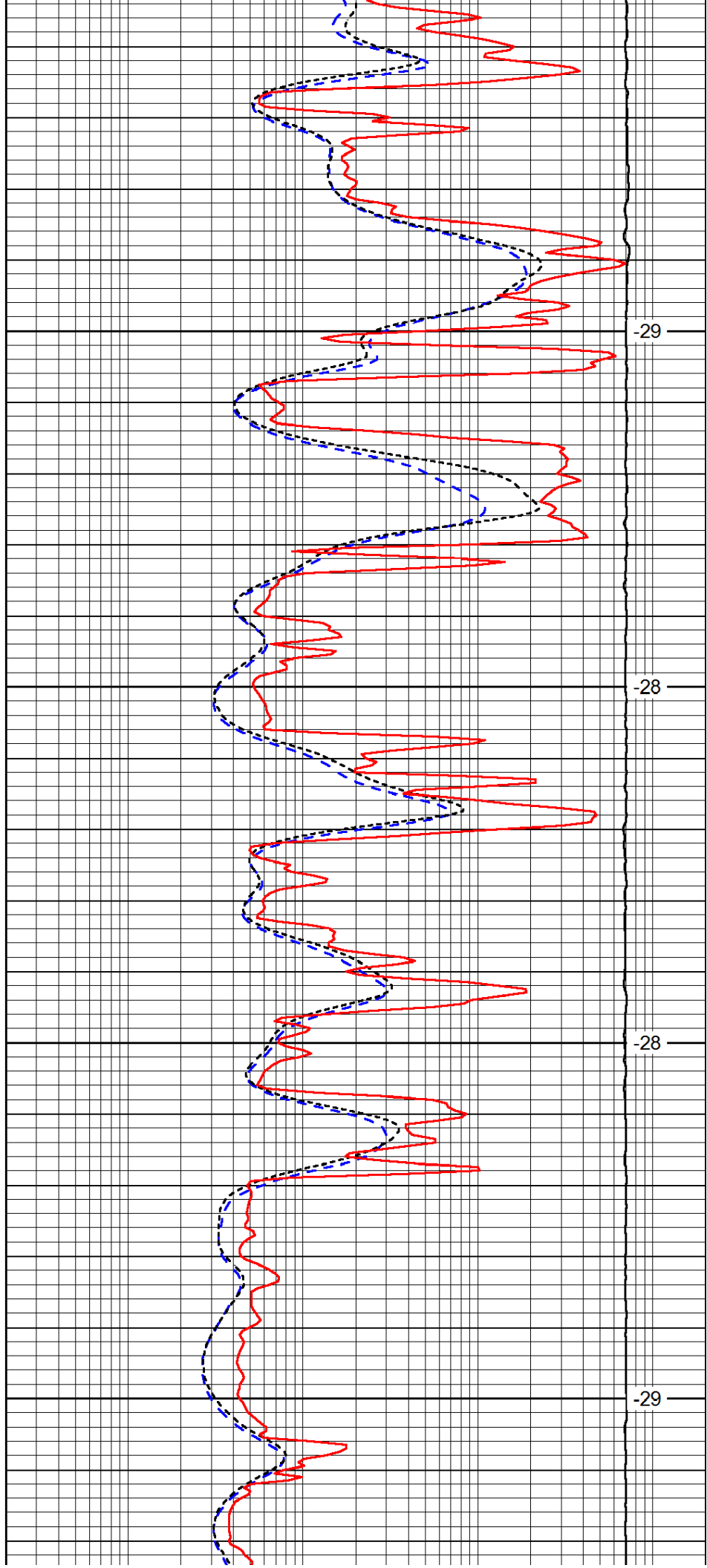


4000

4050

4100

4150

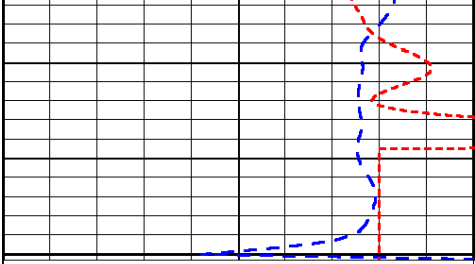


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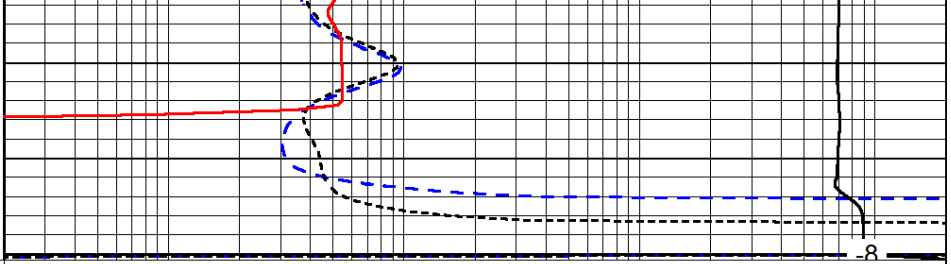
-28

-29



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4200



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LSPD