

LOG-TECH



Dual Induction Log

DIGITAL LOG

(785) 625-3858

15-077-21689-00-00

Company Charles N. Griffin

Well DieI #1

Field Hibbord North East

County Harper State Kansas

Location SE SW NW
2310' FNL & 1165' FWL

Sec: 31 Twp: 33s Rge: 08w

Permanent Datum Ground Level Elevation 1298
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL / CDL
Elevation
K.B. 1308
D.F. 1298
G.L. 1298

Date 7/24/10

Run Number One

Depth Driller 4700

Depth Logger 4694

Bottom Logged Interval 4693

Top Log Interval 250

Casing Driller 8.625 @ 264

Casing Logger 260

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5000

Density / Viscosity 9.5 45

pH / Fluid Loss 11.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp 1.2 @ 75

Rmf @ Meas. Temp 0.90 @ 75

Rmc @ Meas. Temp 1.62 @ 75

Source of Rmf / Rmc Charts

Rm @ BHT 0.73 @ 123

Operating Rig Time 2 Hours

Max Rec. Temp. F 123

Equipment Number 15

Location Hays

Recorded By R. Barnhart

Witnessed By J.R. Griffin

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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

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(785) 625-3858

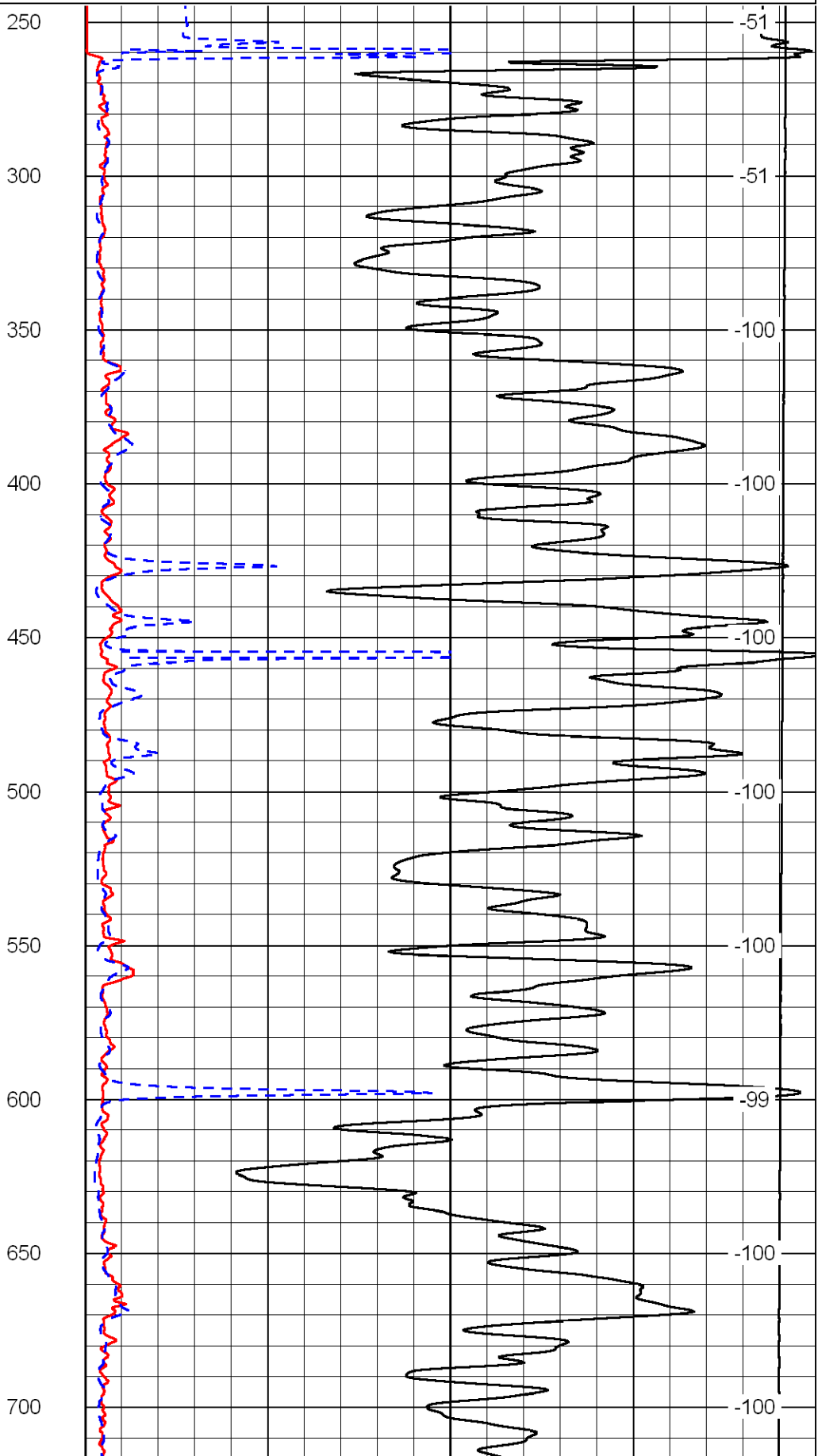
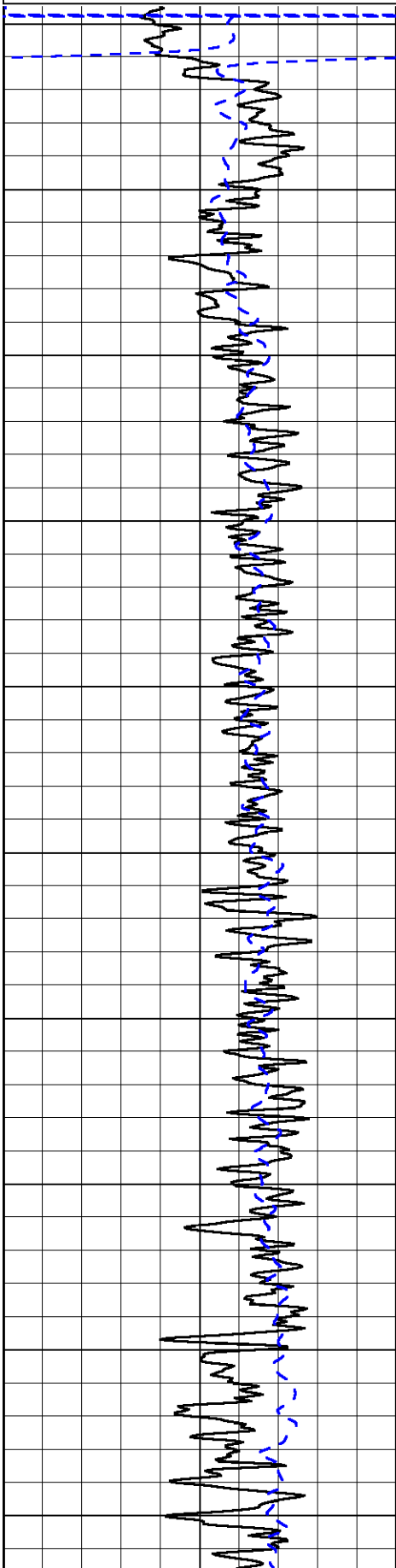
Attica, KS
S to Highway 2, 1.5 S, E into

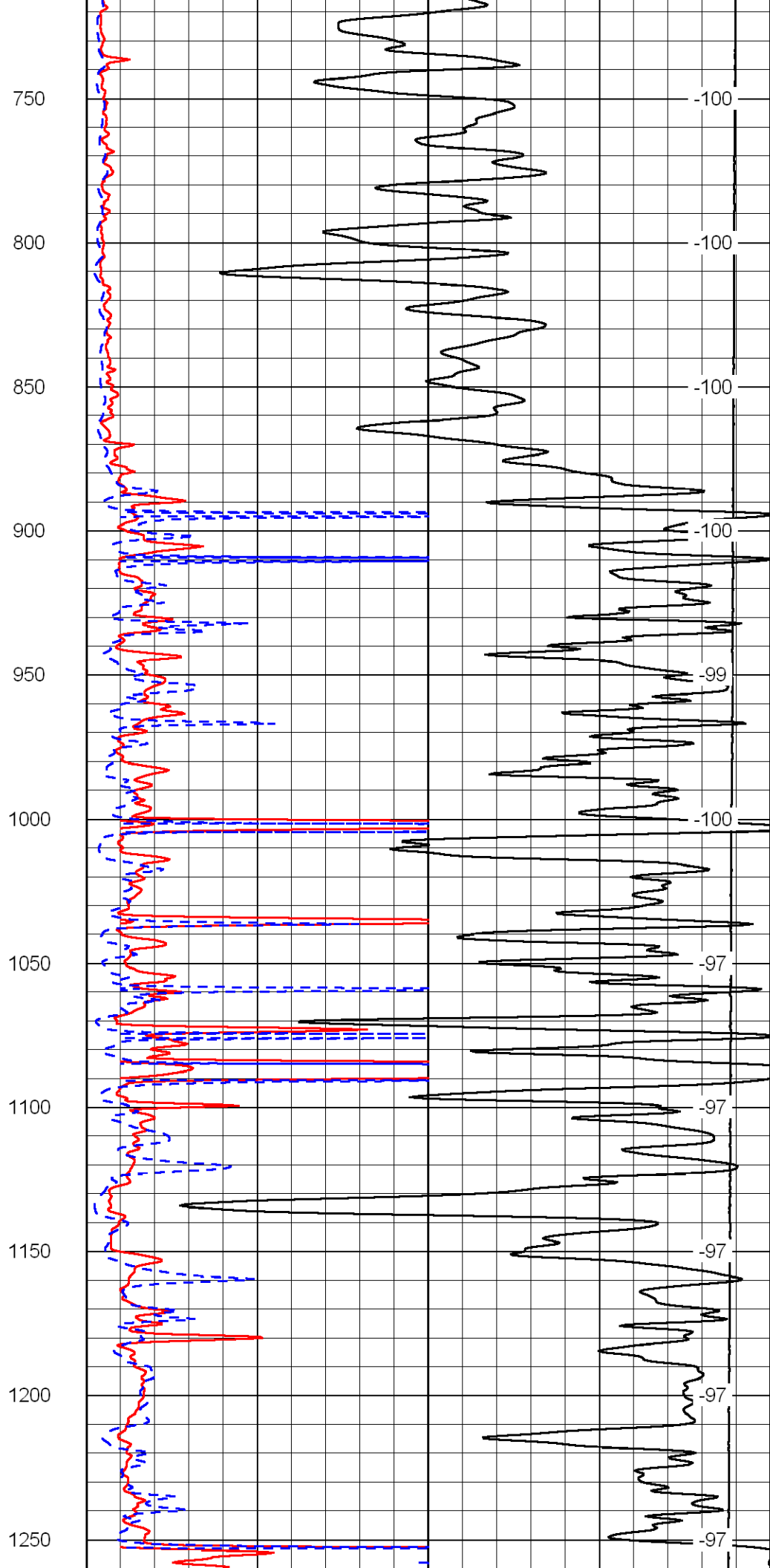
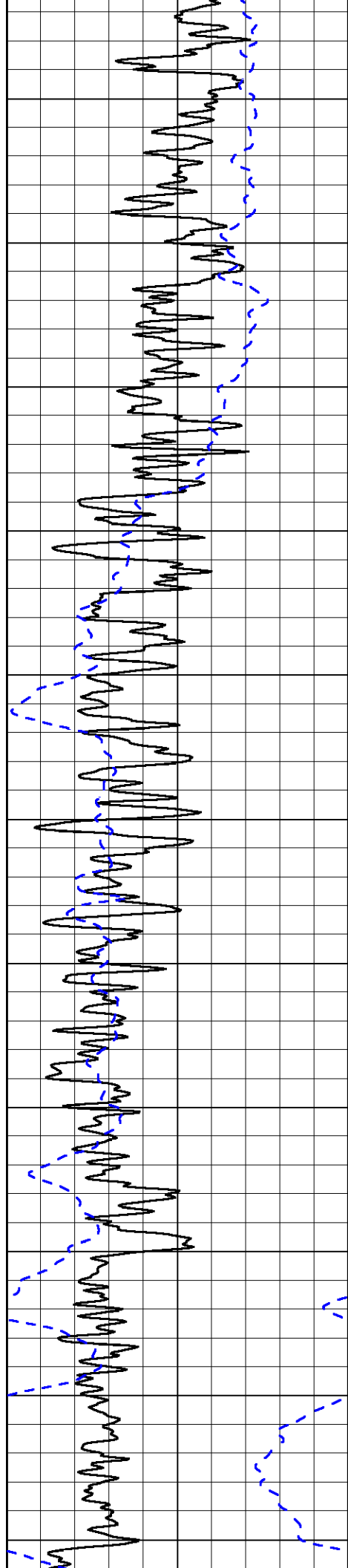
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Dataset Creation: Sat Jul 24 19:33:07 2010
Charted by: Depth in Feet scaled 1:600

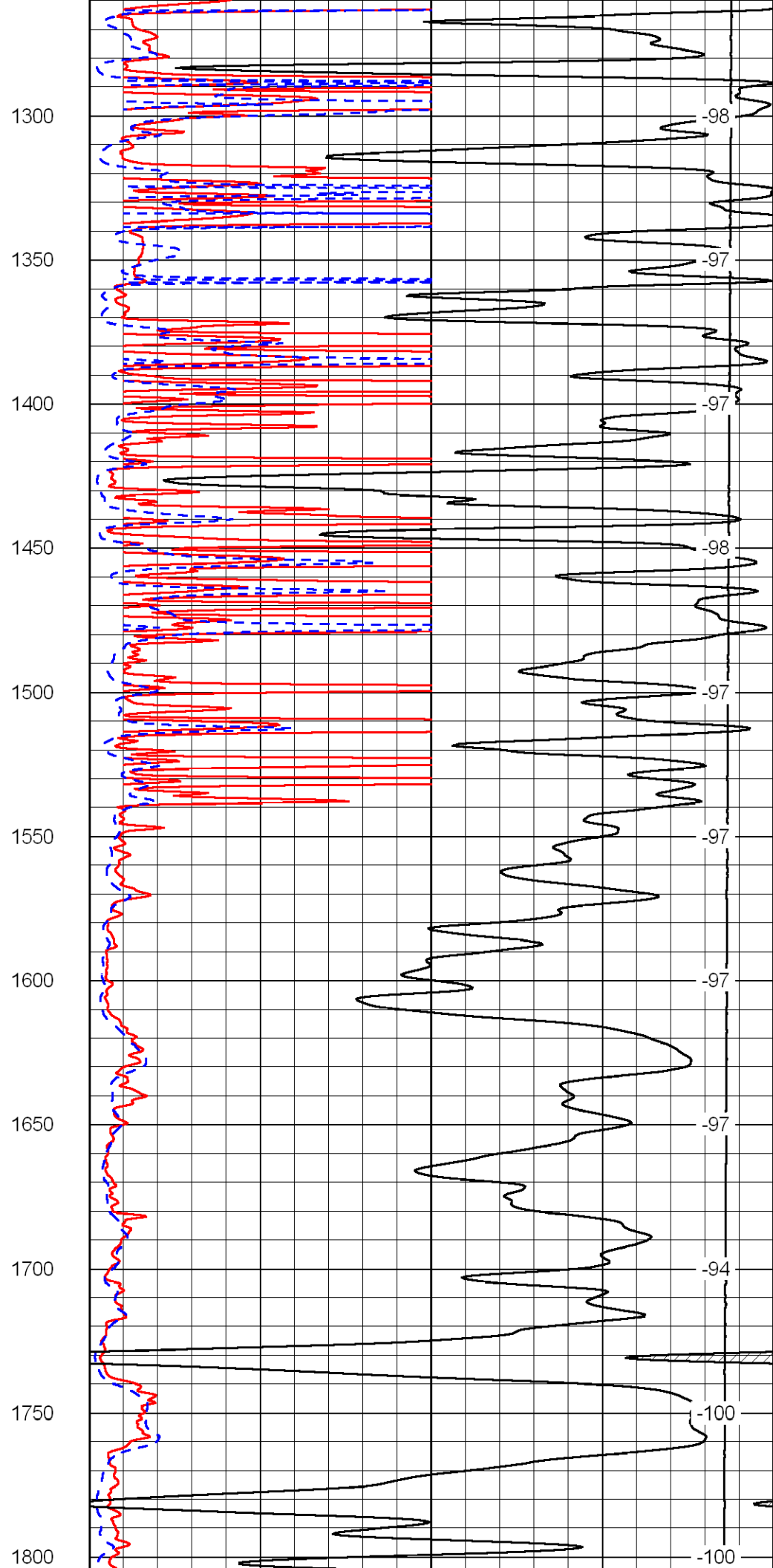
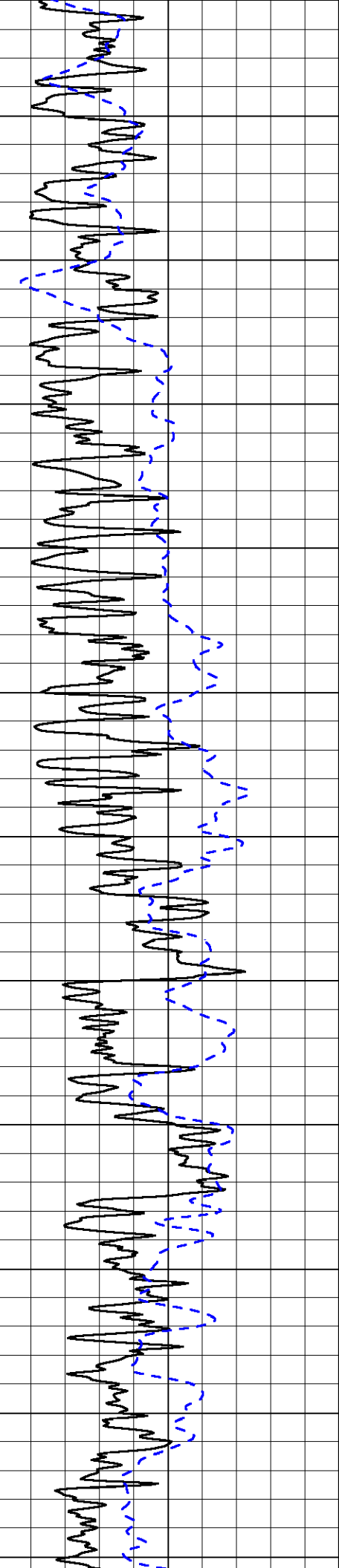
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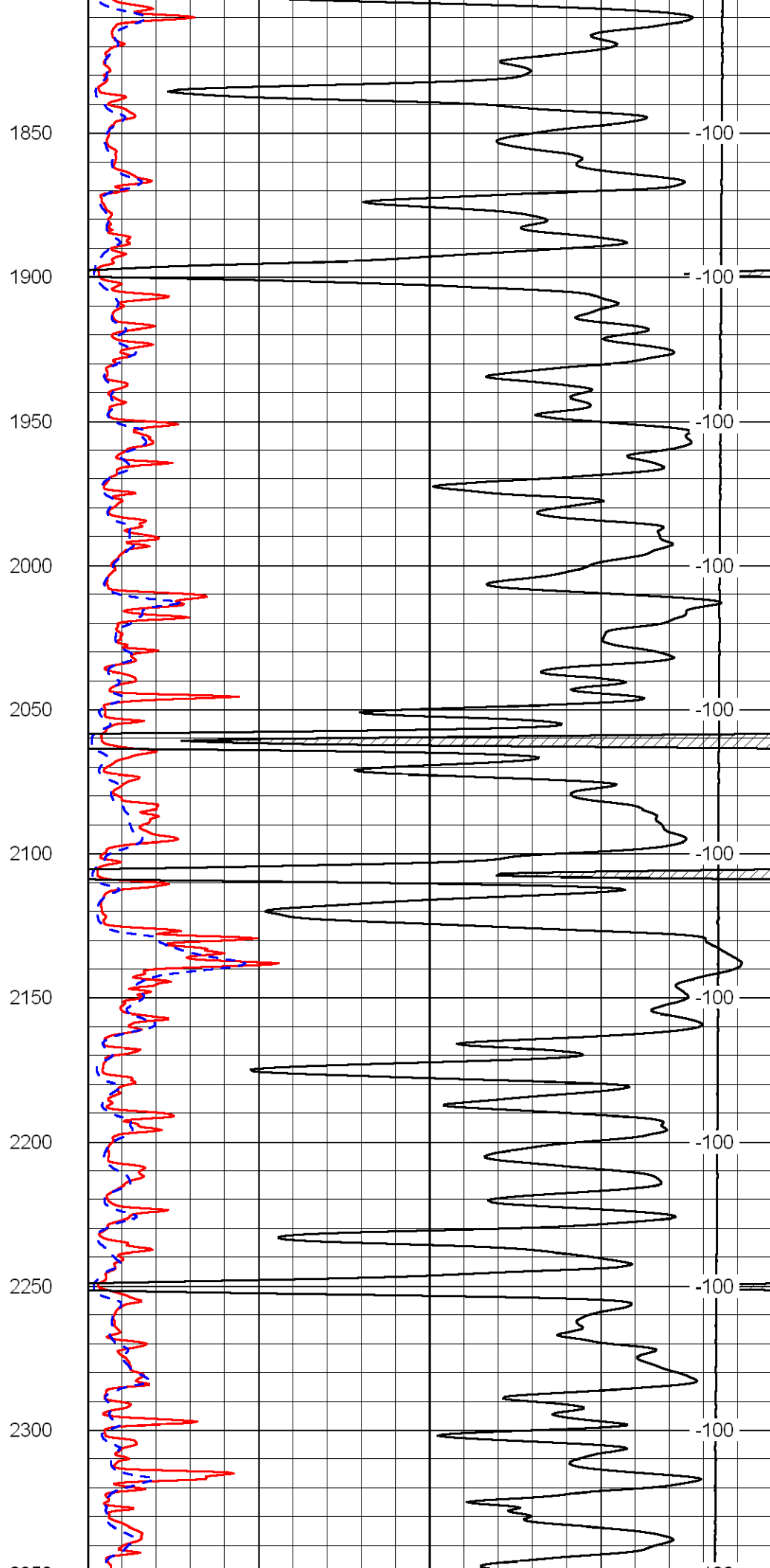
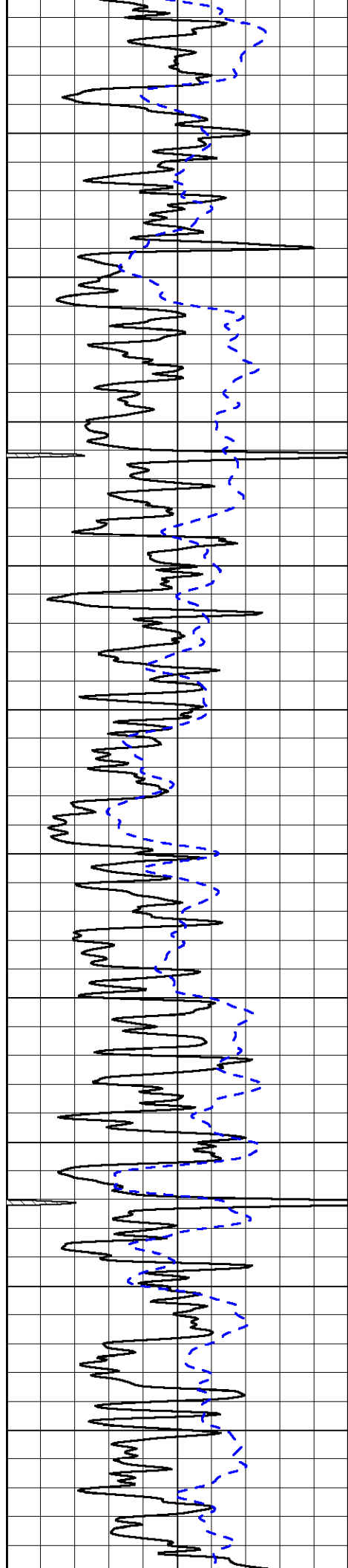
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15000	Line Tension	0

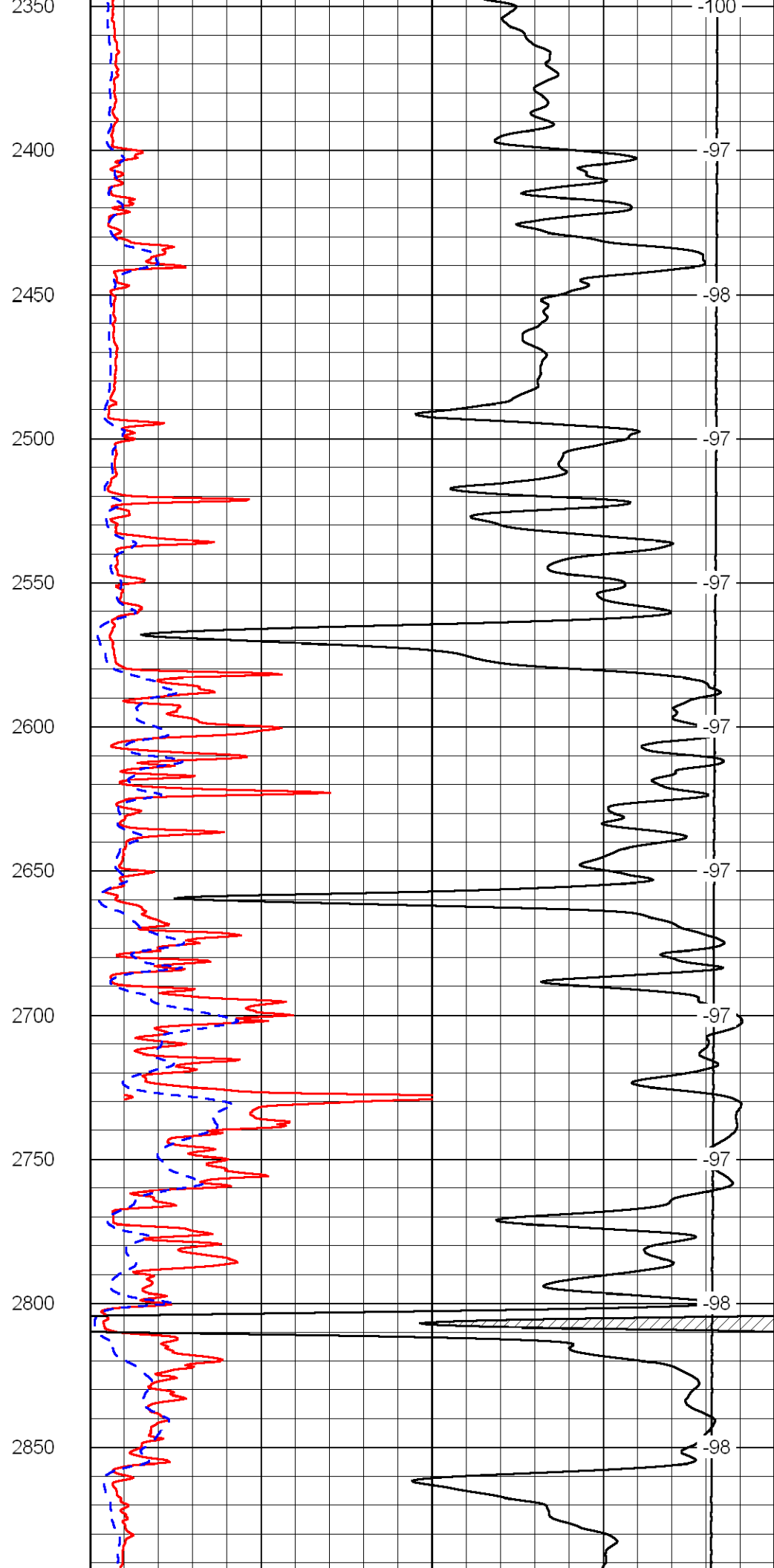
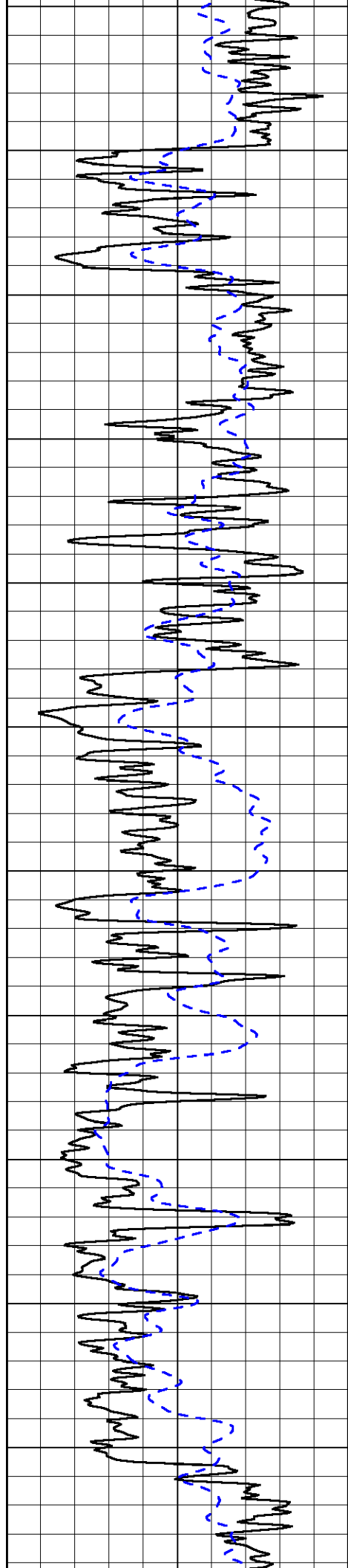
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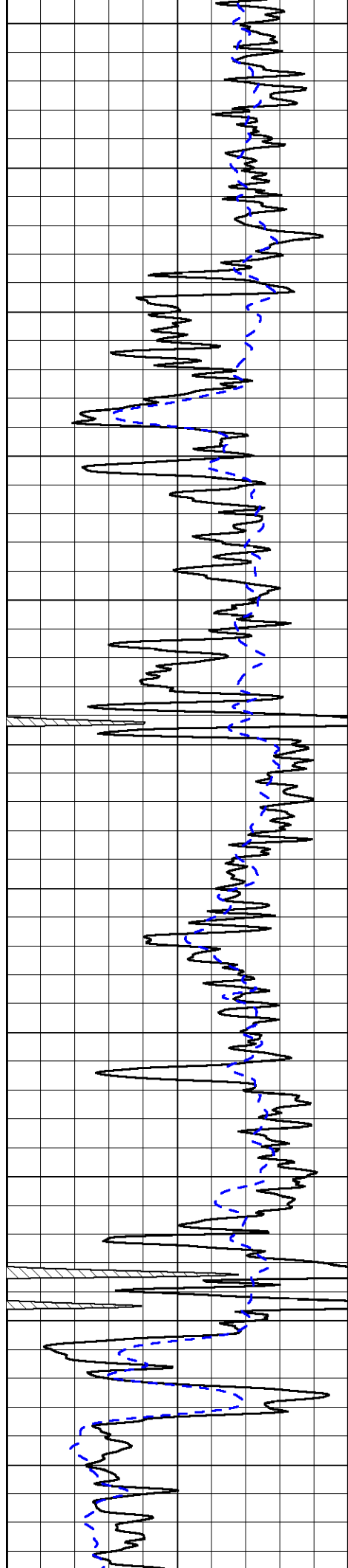




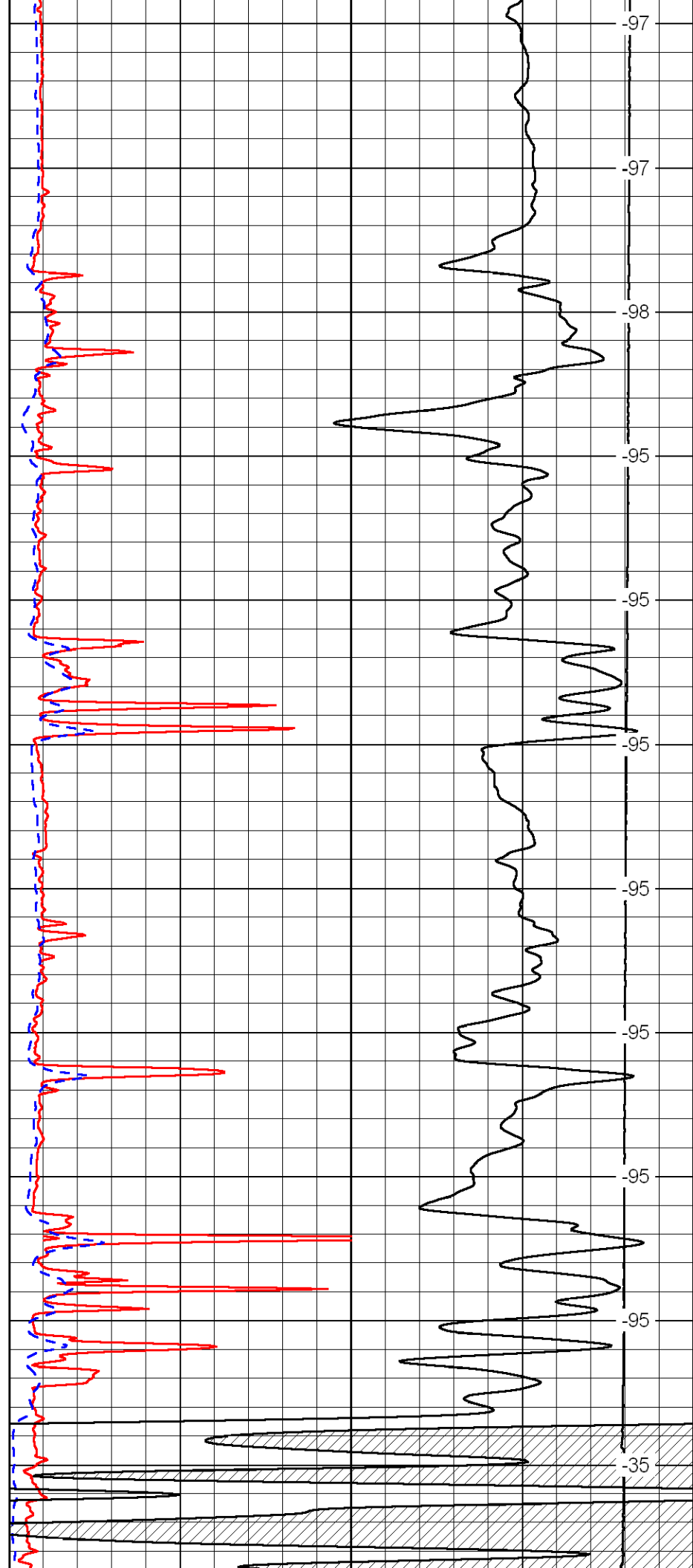




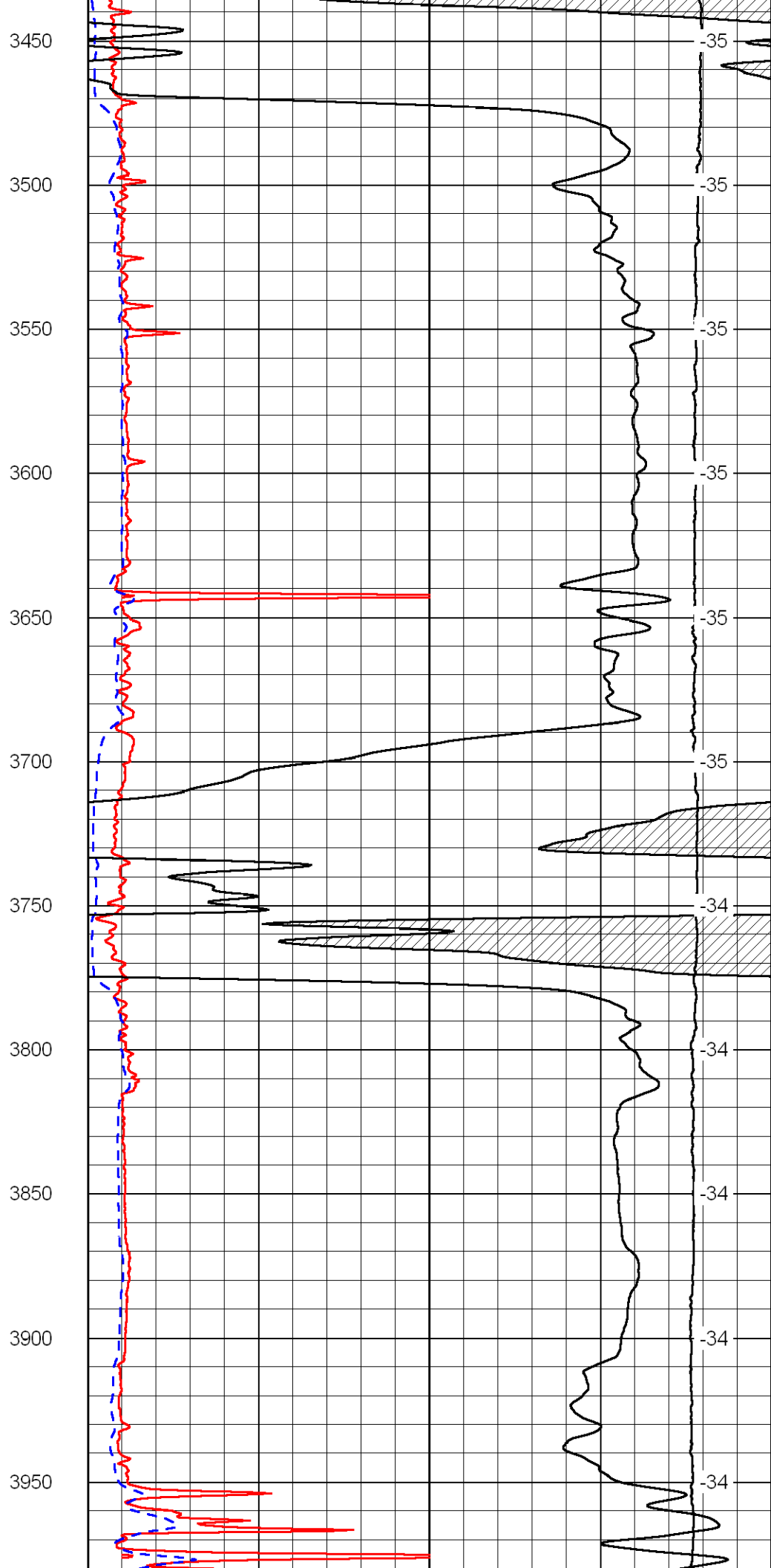
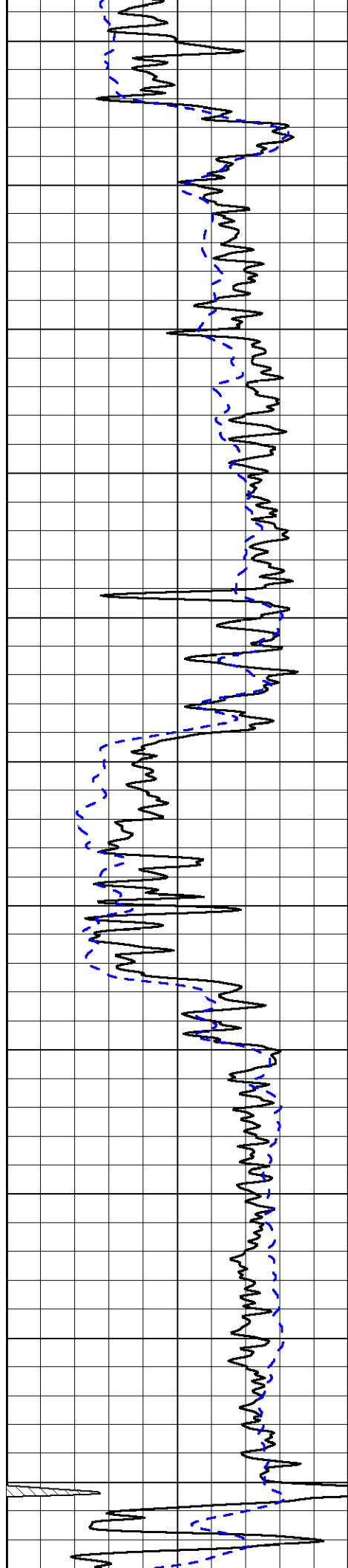


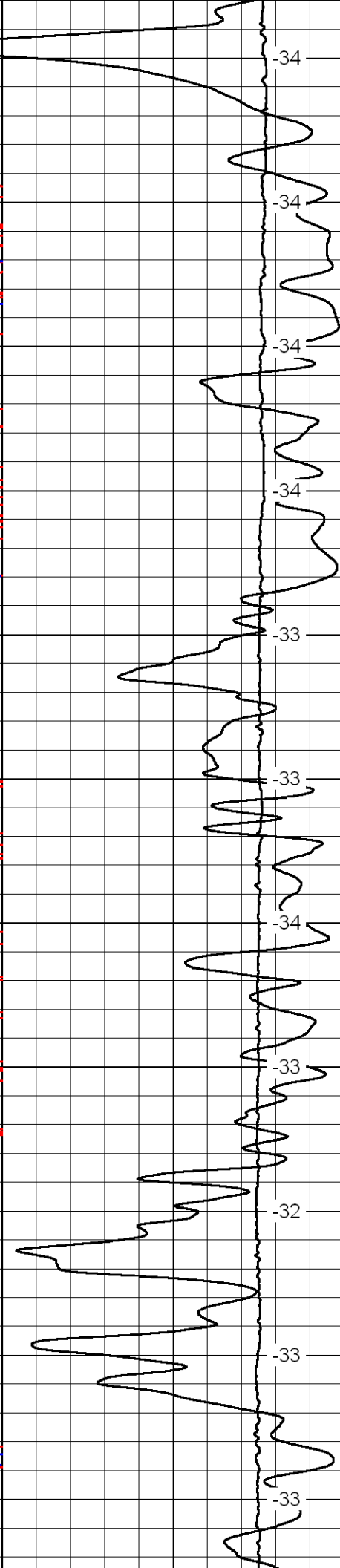
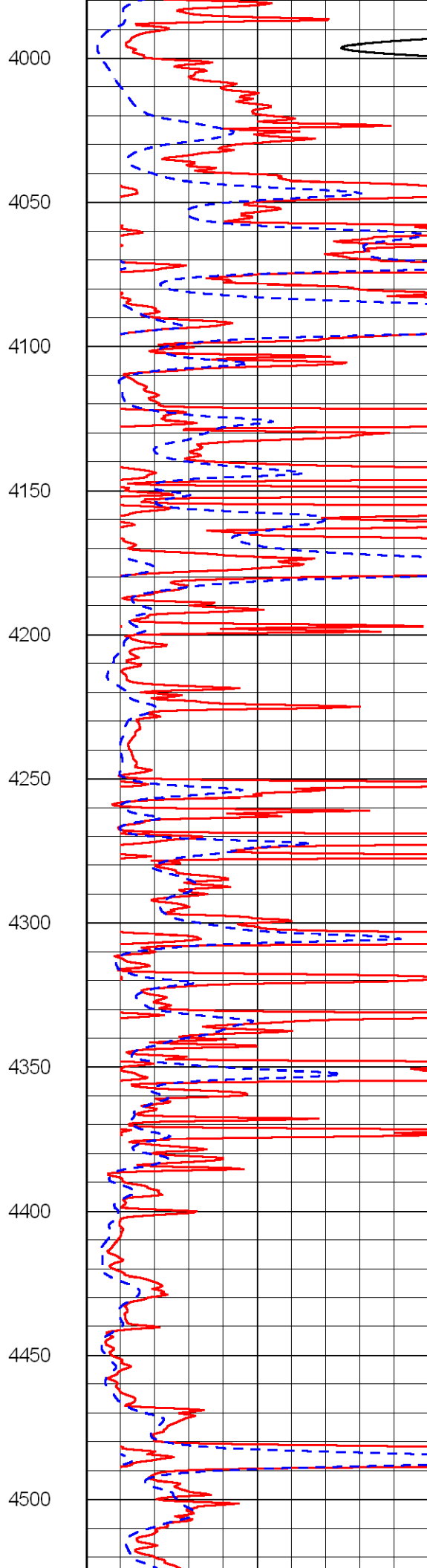
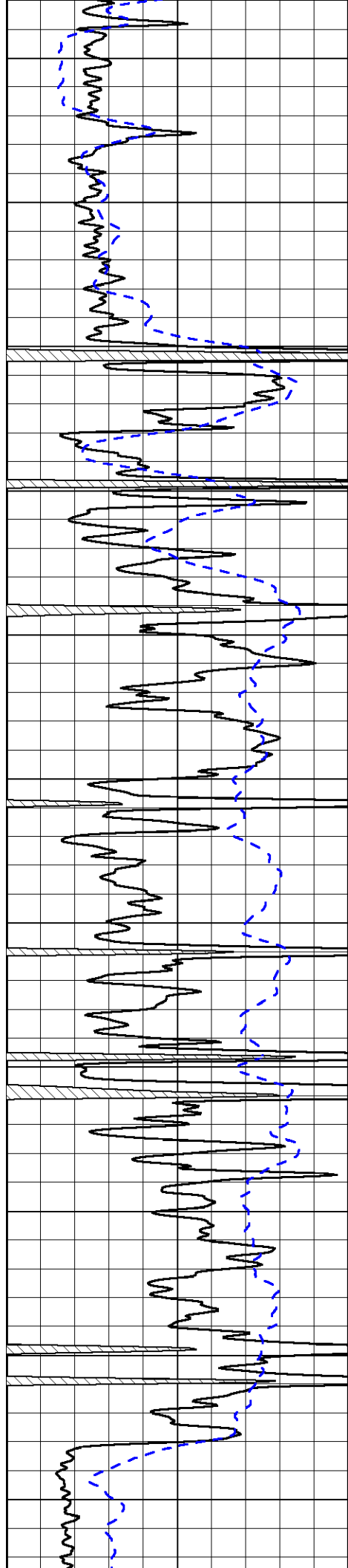


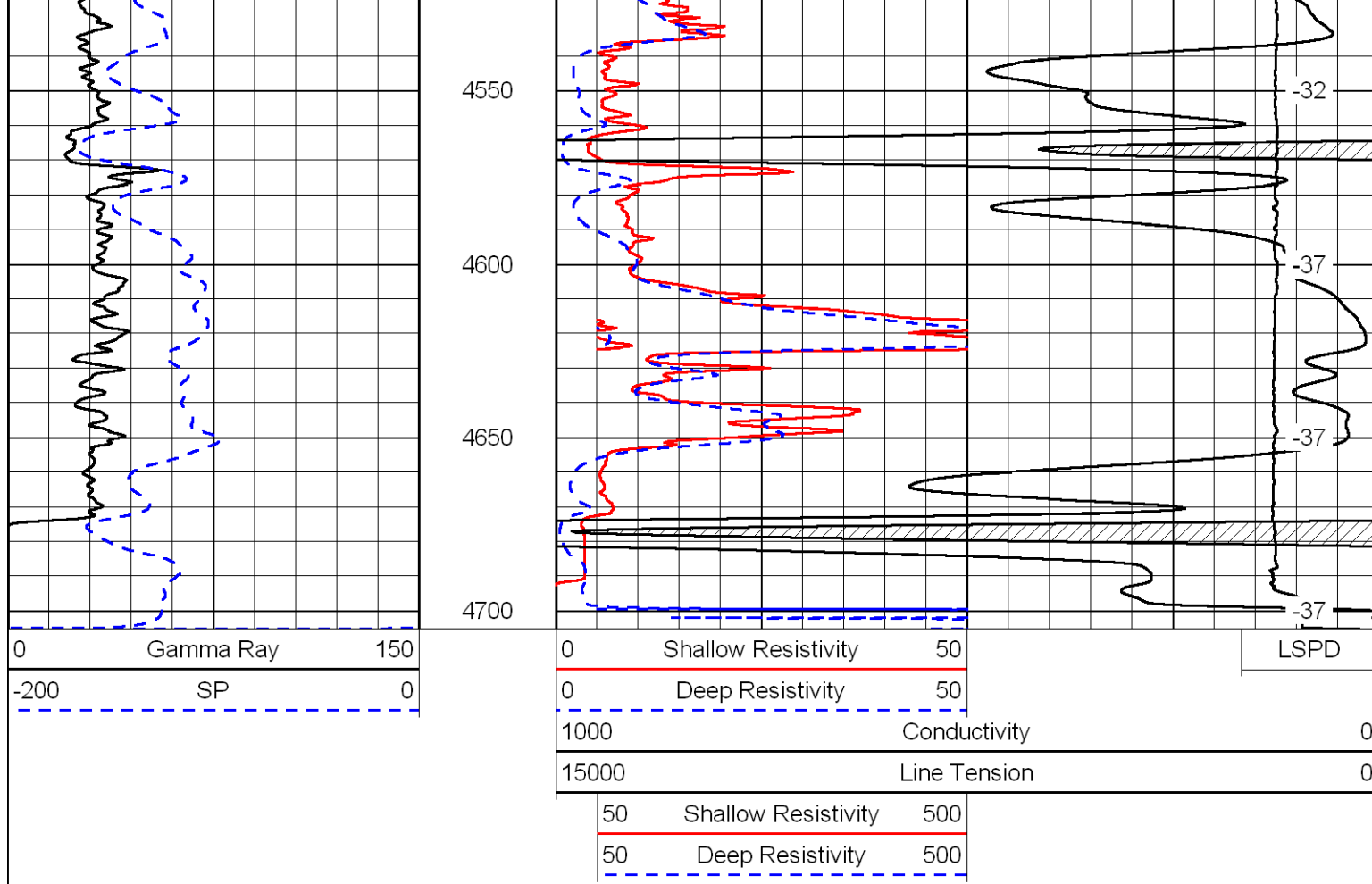
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2950
3000
3050
3100
3150
3200
3250
3300
3350
3400



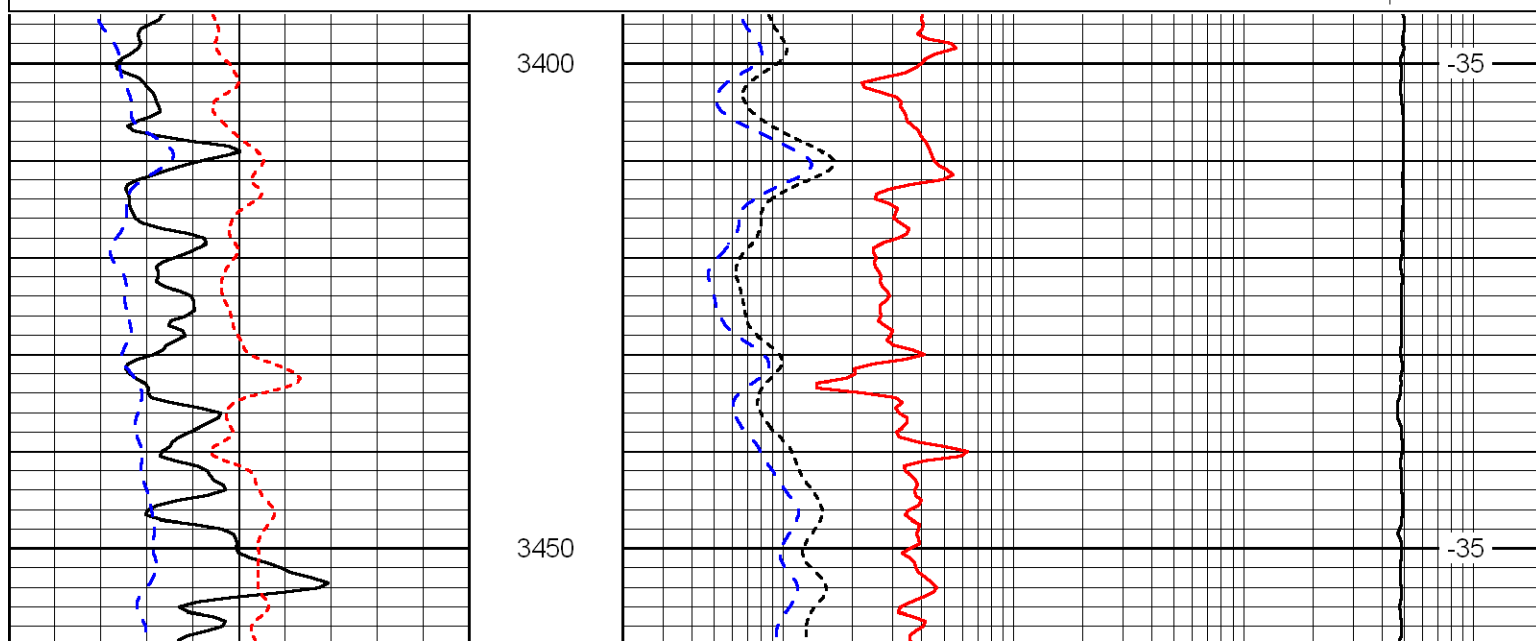
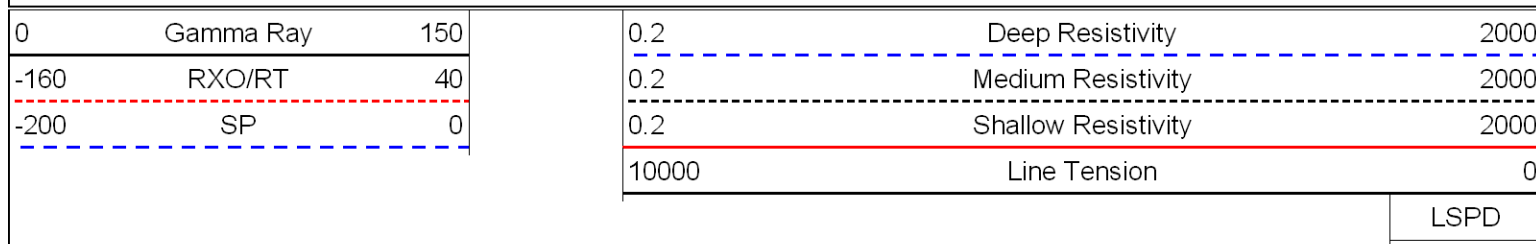
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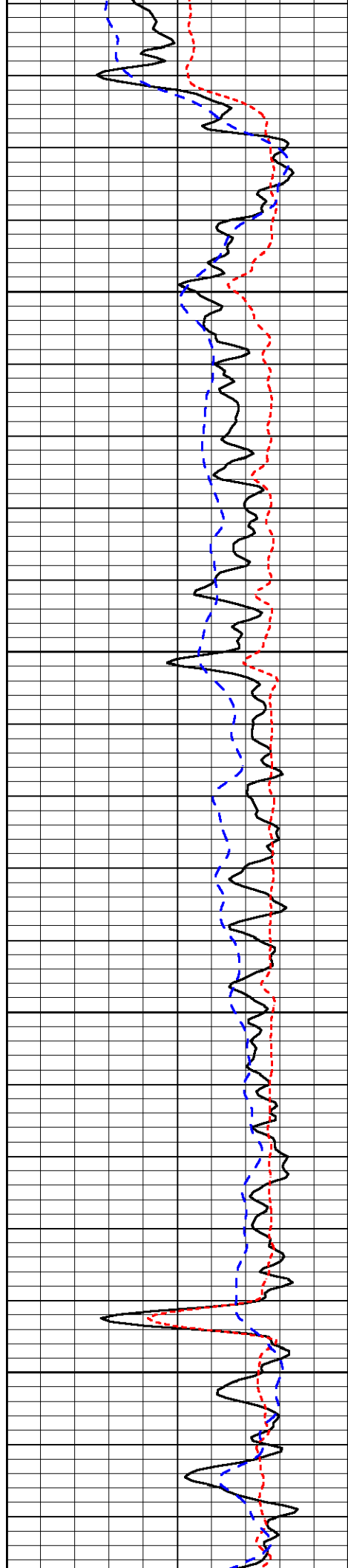






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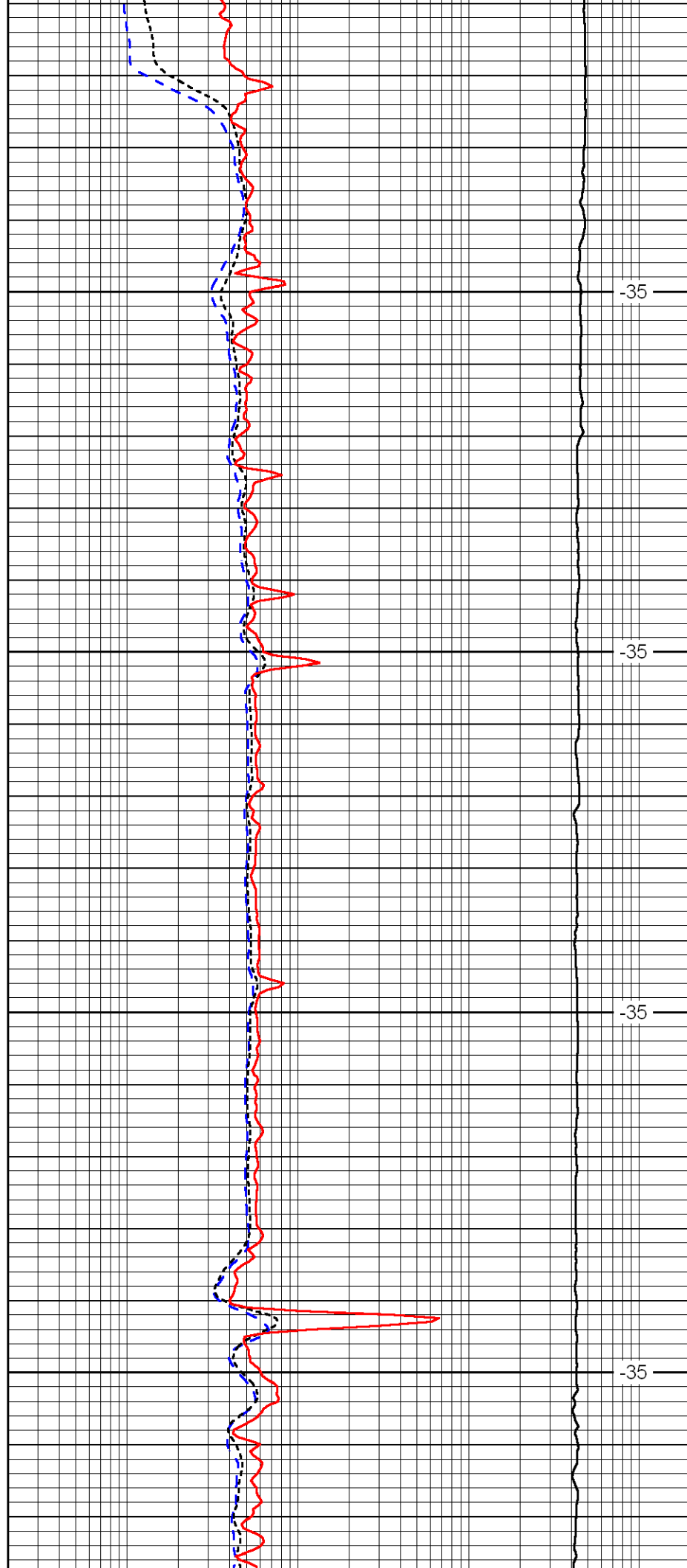


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3550

3600

3650

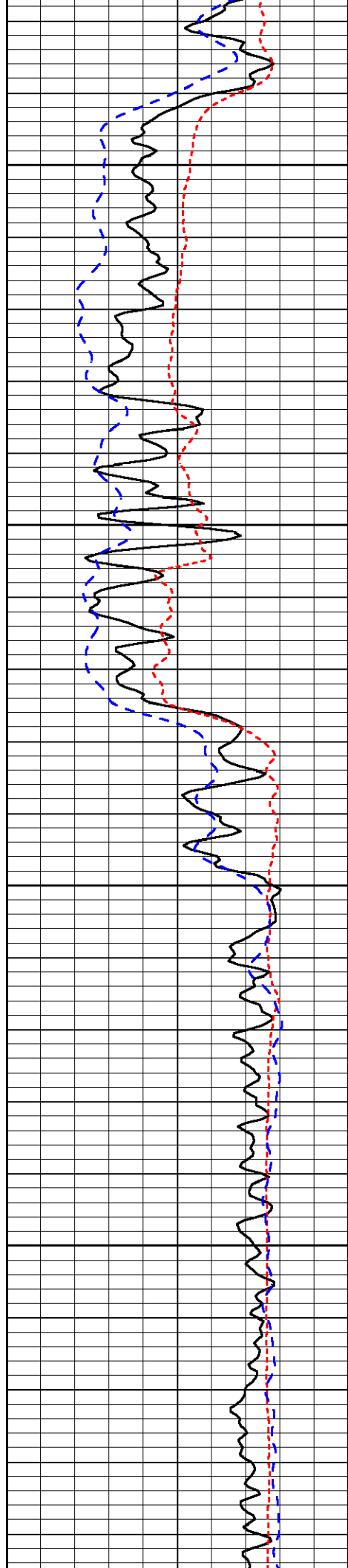


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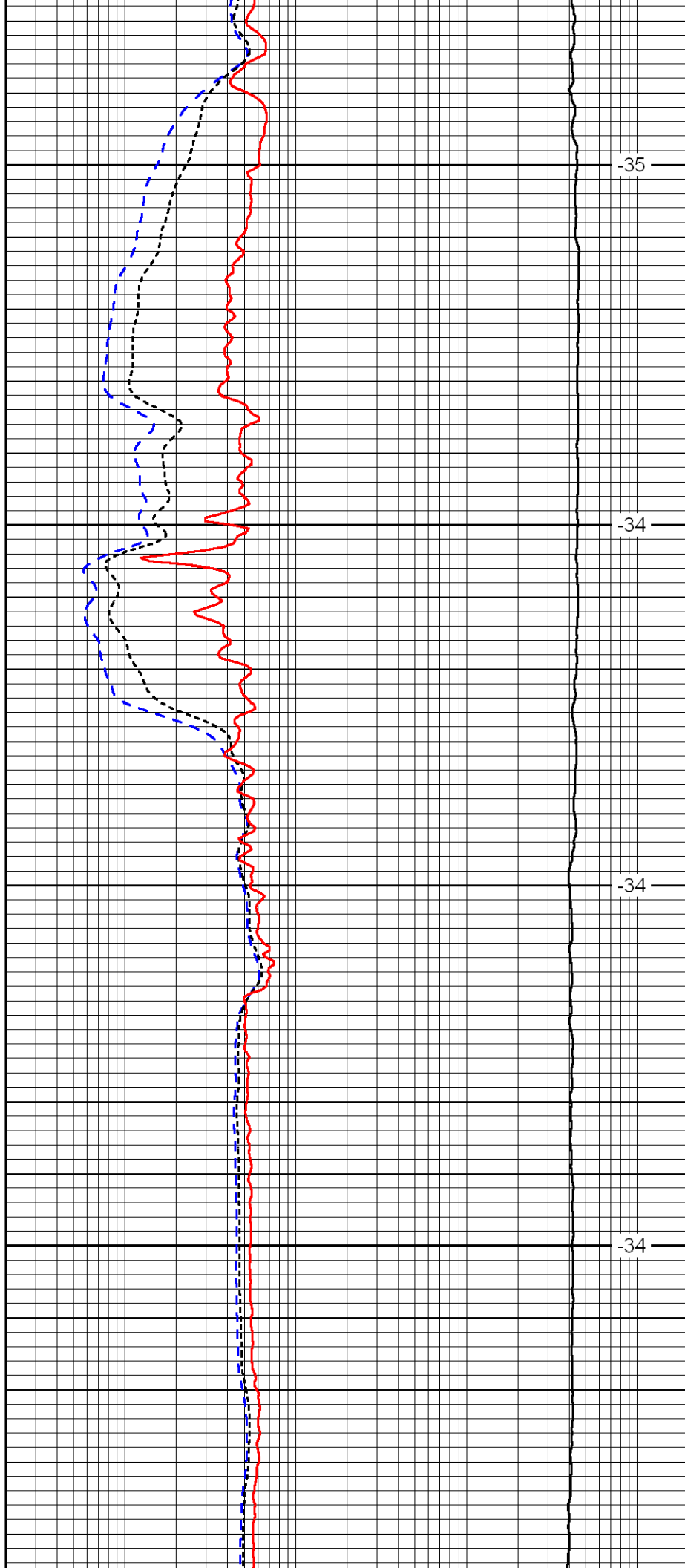


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3800

3850

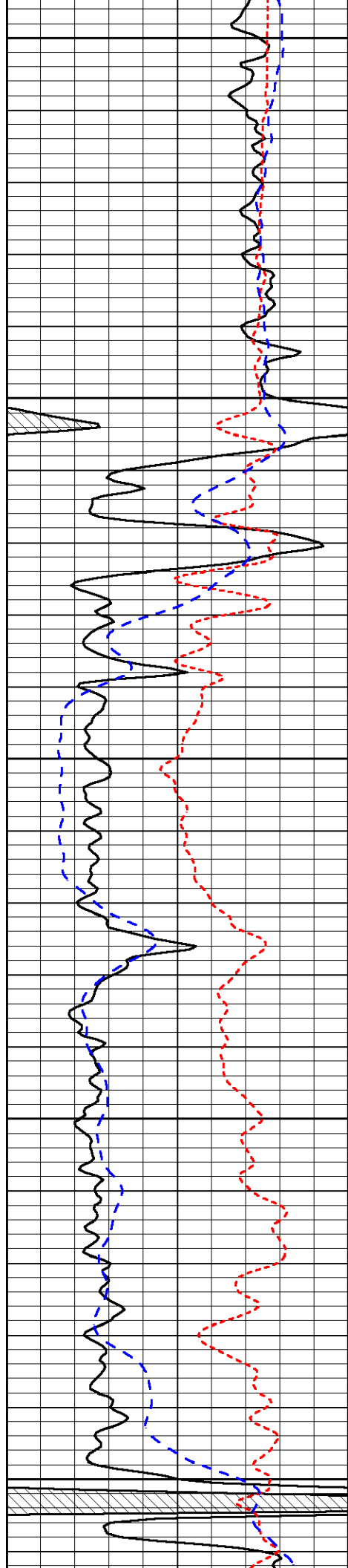


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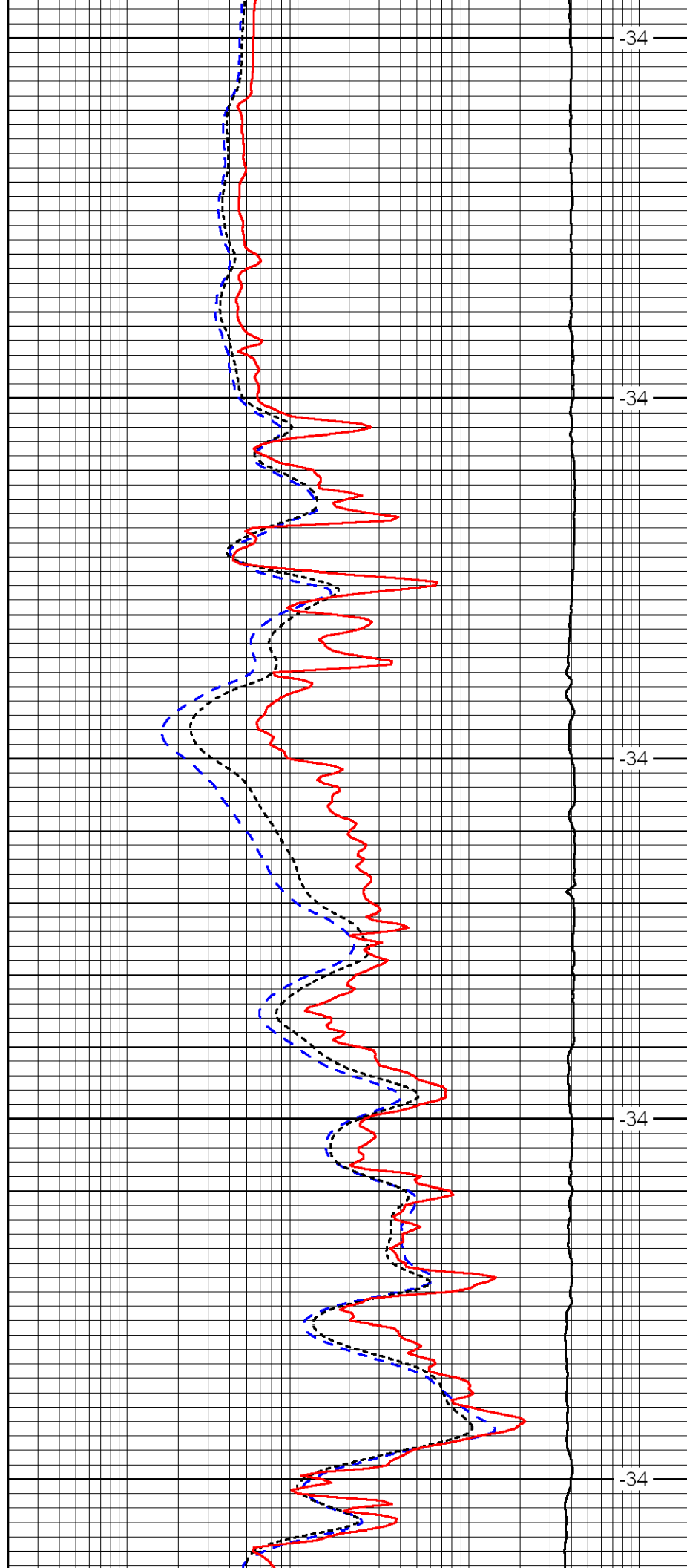
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3950

4000

4050

4100



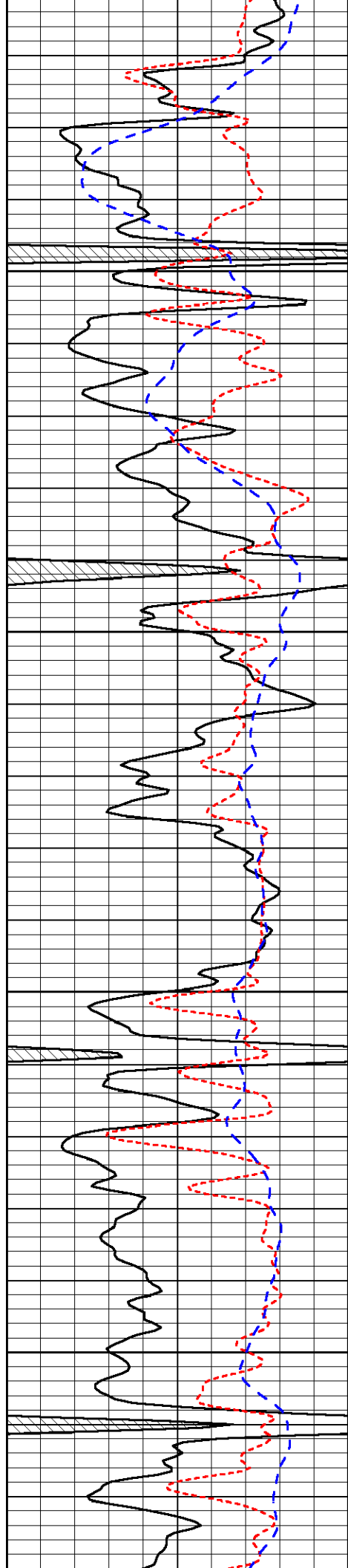
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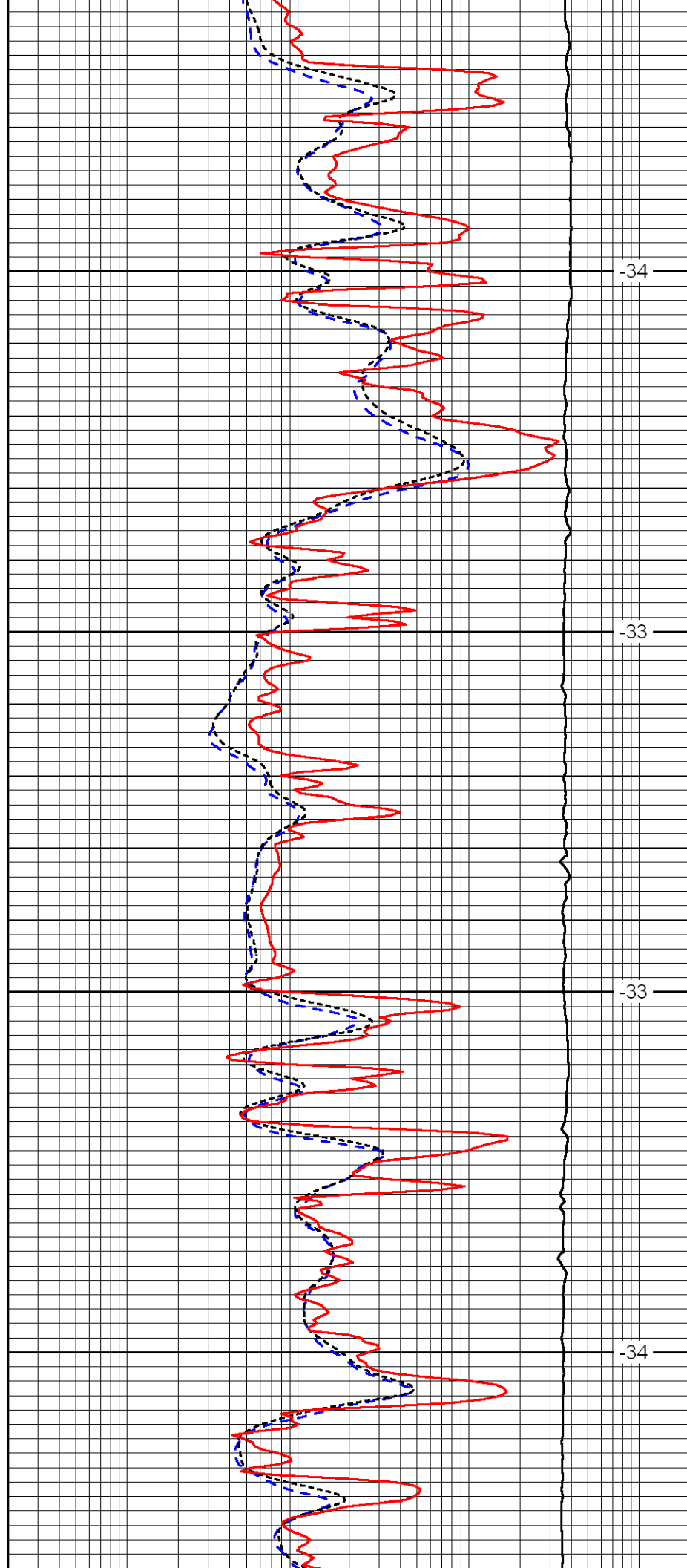


4150

4200

4250

4300

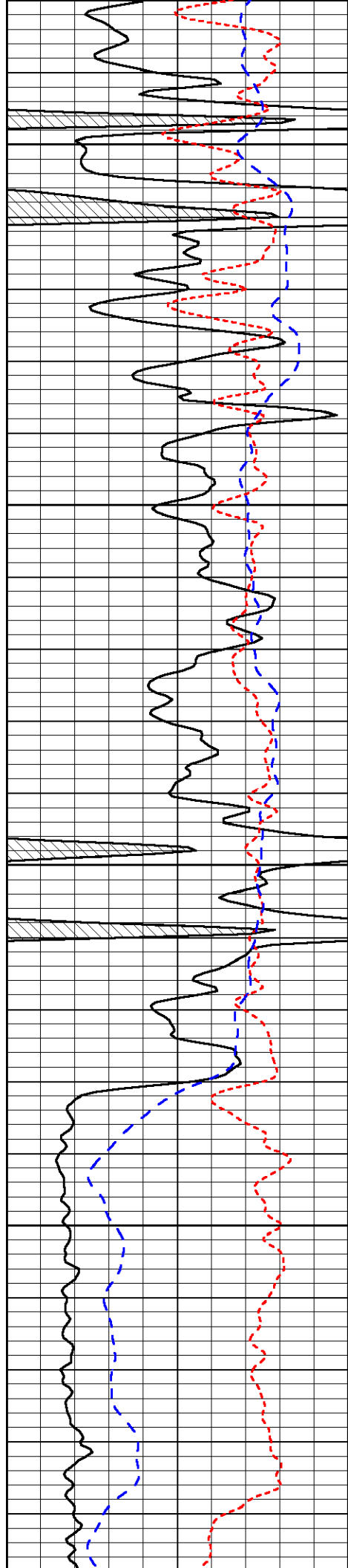


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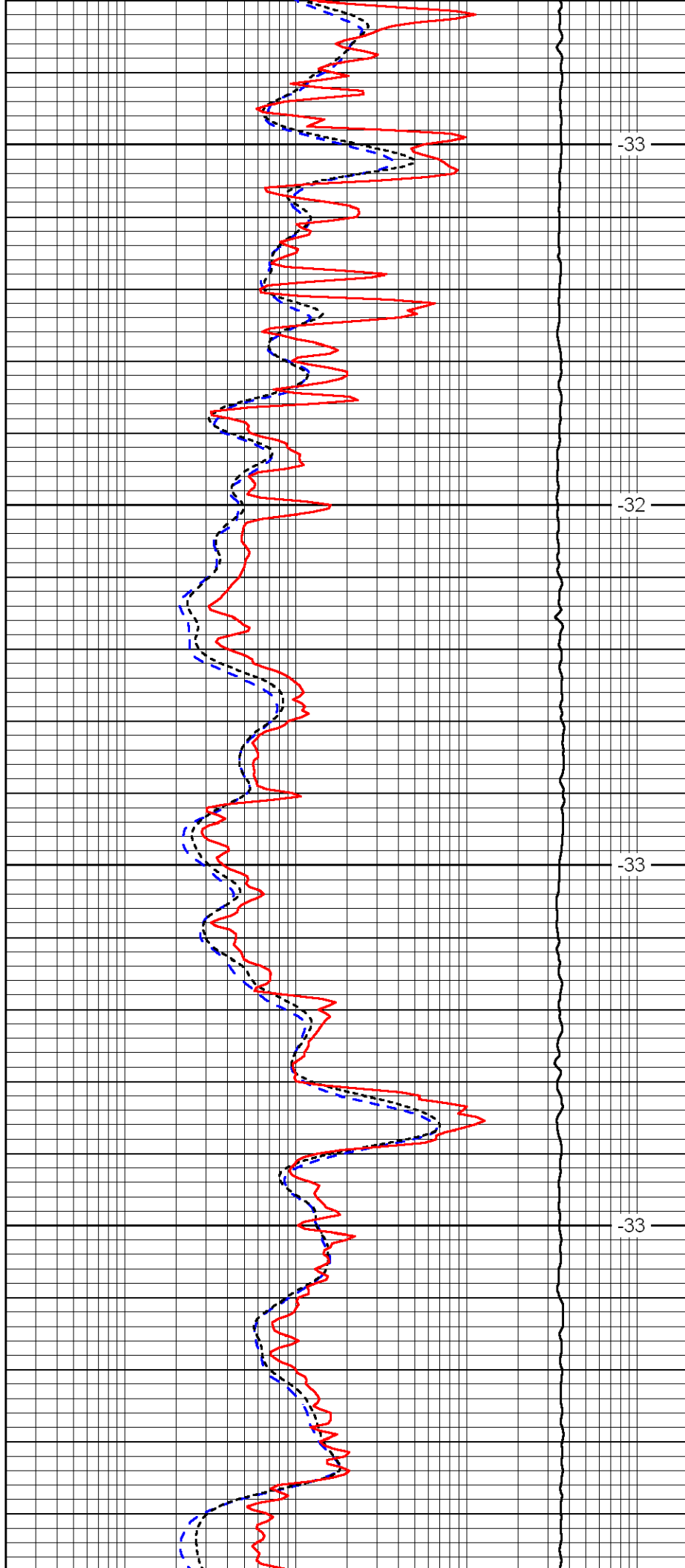


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4500

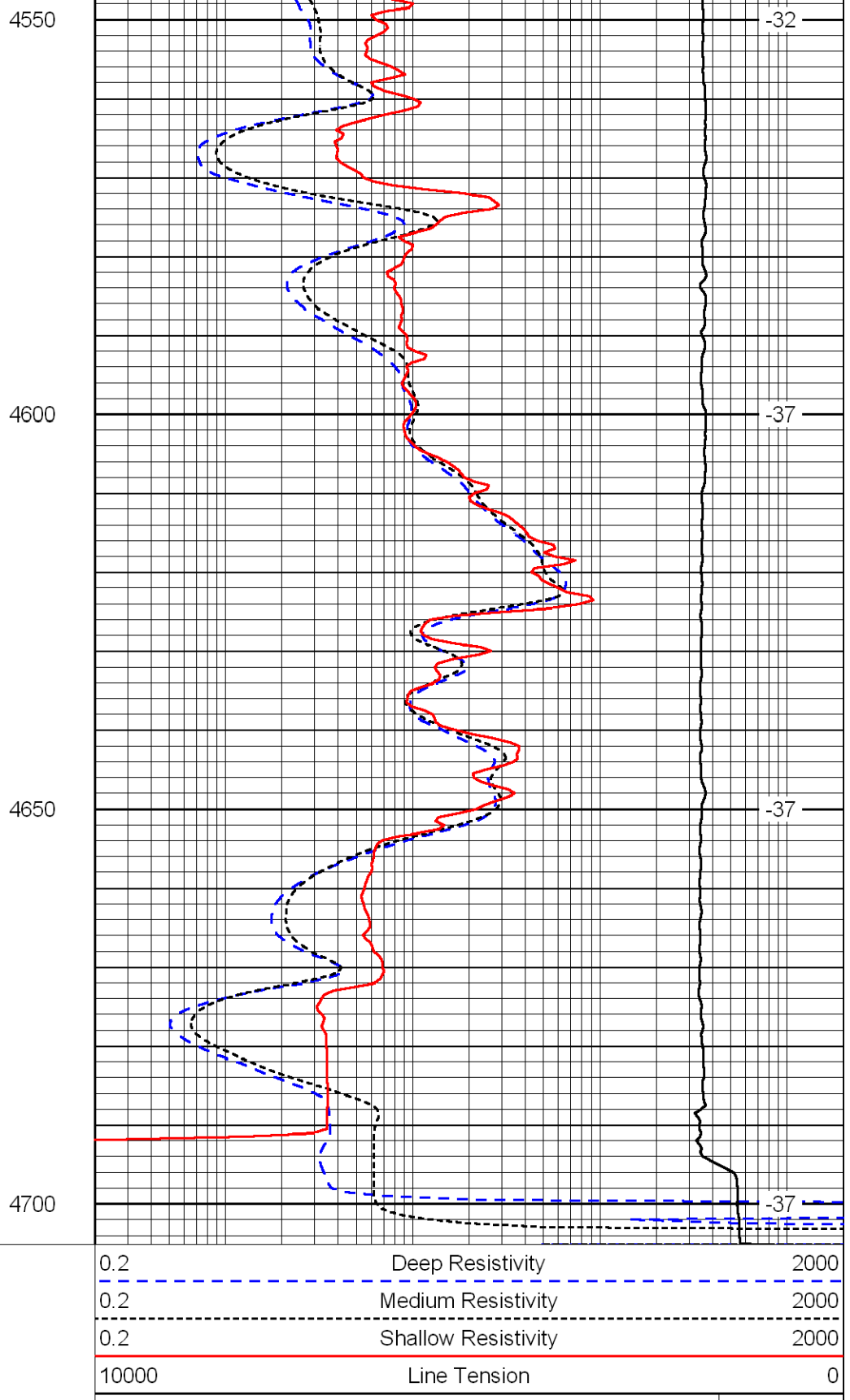
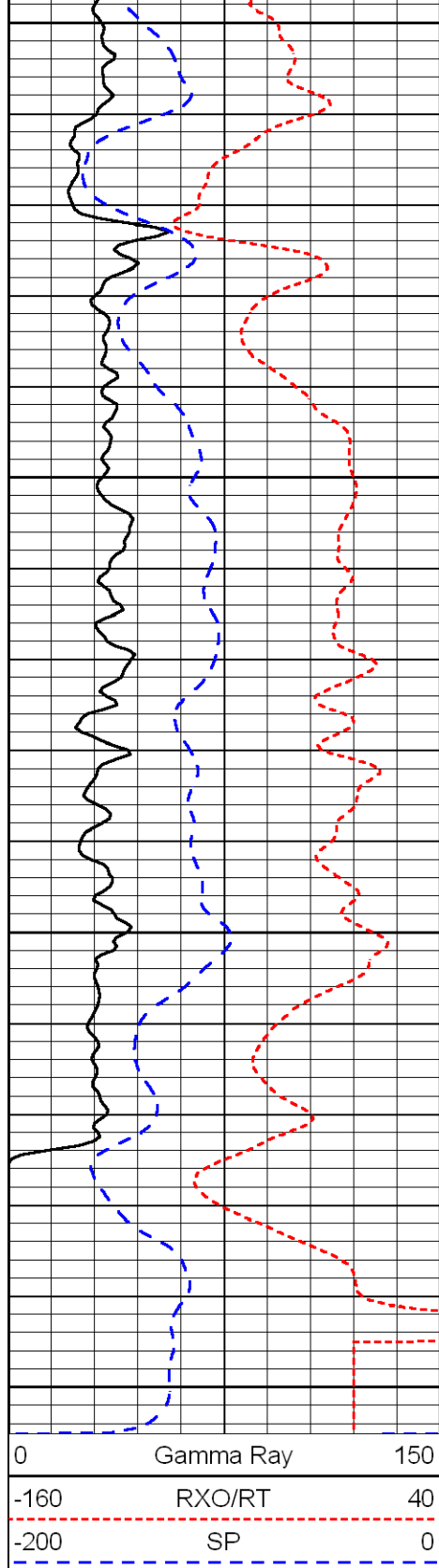


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-33

-33



LSPD