

LOG-TECH



Microresistivity Log

DIGITAL LOG

(785) 625-3858

API No.

15-179-21,219-00-00

Company **Murfin Drilling Company, Inc.**

Well **Albert Whitmer No. 1-21**

Field **Lombardy**

County **Sheridan** State **Kansas**

Location **330' FNL & 2310' FEL**

Sec: **21** Twp: **9 S** Rge: **27 W**

Other Services
CNL/CDL
DIL

Permanent Datum **Ground Level** Elevation **2731**

Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Date **1/11/09**

Run Number **Two**

Depth Driller **4490**

Depth Logger **4494**

Bottom Logged Interval **4493**

Top Log Interval **3400**

Casing Driller **8.625 @ 290**

Casing Logger **288**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **1500**

Density / Viscosity **9.2 50**

pH / Fluid Loss **11.0 6.8**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.7 @ 52**

Rmf @ Meas. Temp **1.275 @ 52**

Rmc @ Meas. Temp **2.295 @ 52**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.72 @ 123**

Operating Rig Time **5 1/2 Hours**

Max Rec. Temp. F **123**

Equipment Number **10**

Location **Hays**

Recorded By **K. Bange**

Witnessed By **Paul Gunzelman**

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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

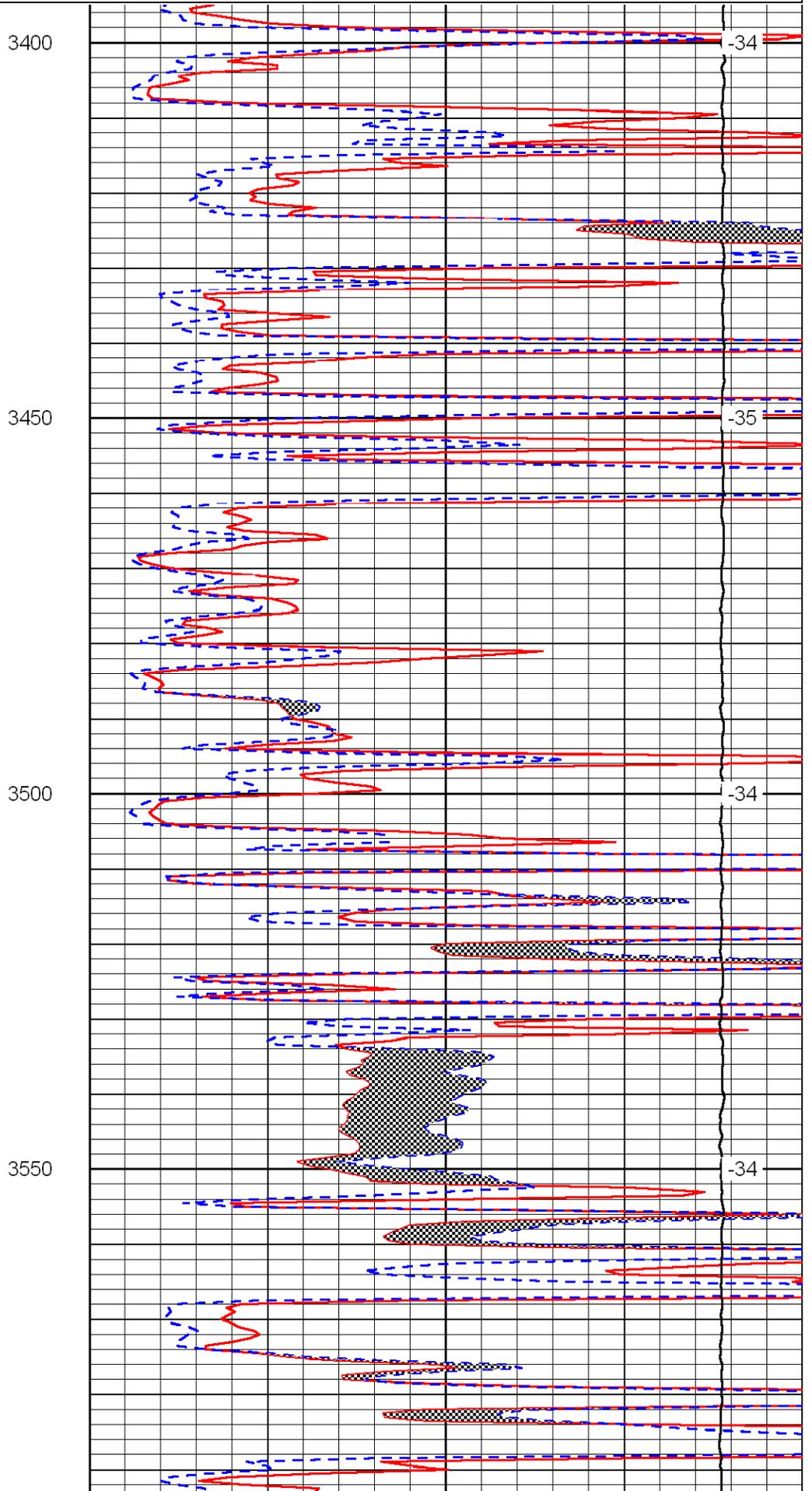
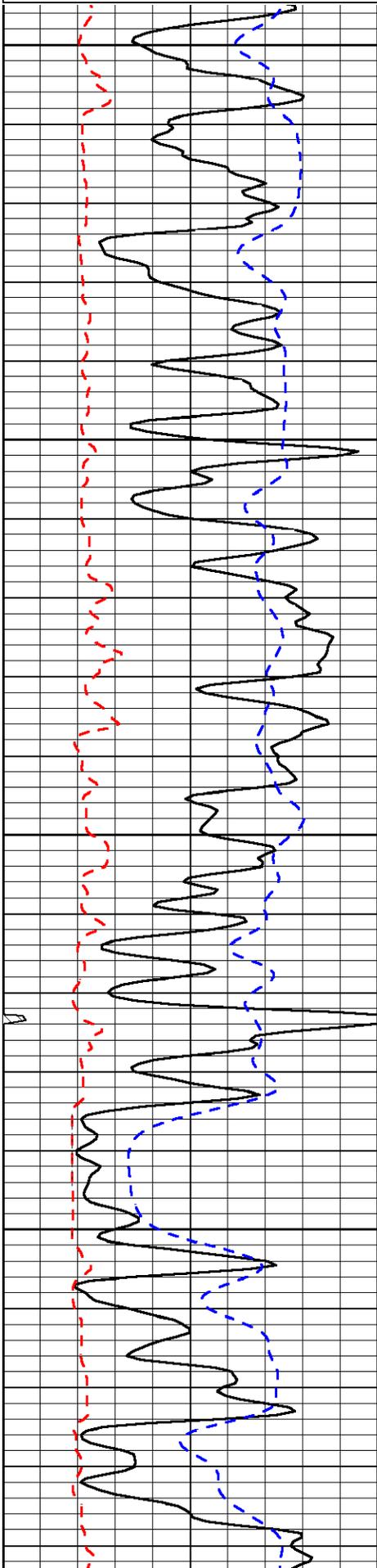
Park, N on county rd (take correction curves to west and back north) to stop sign (rd 70S), E 1 1/2, S into at tank battery

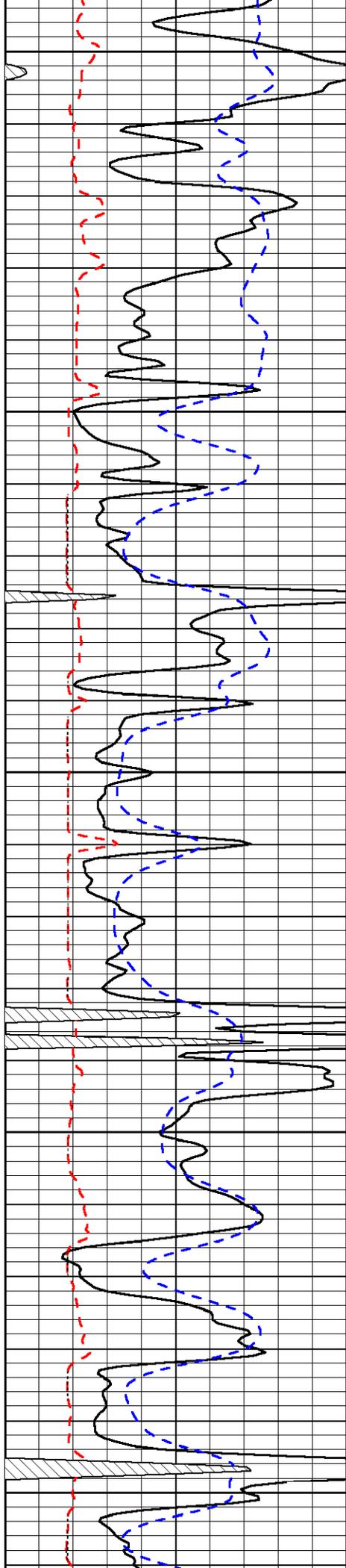
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 Dataset Pathname: dil/murf2in
 Presentation Format: micro
 Dataset Creation: Sun Jan 11 10:44:41 2009
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0

LSPD





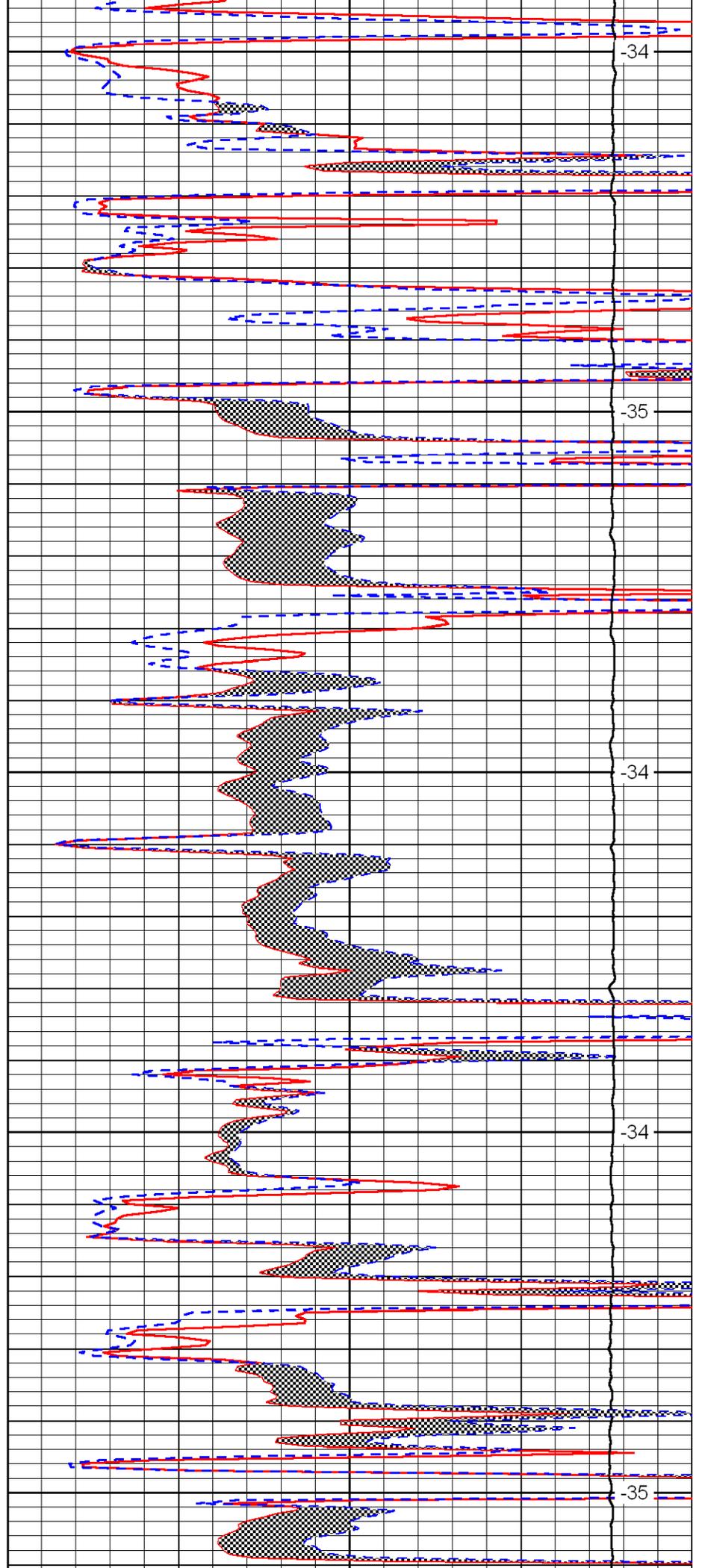
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3650

3700

3750

3800



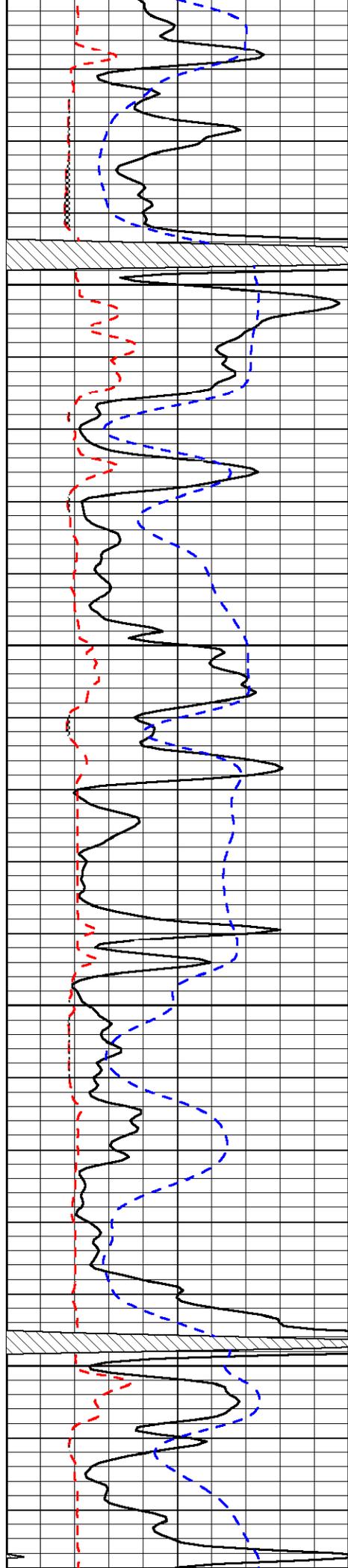
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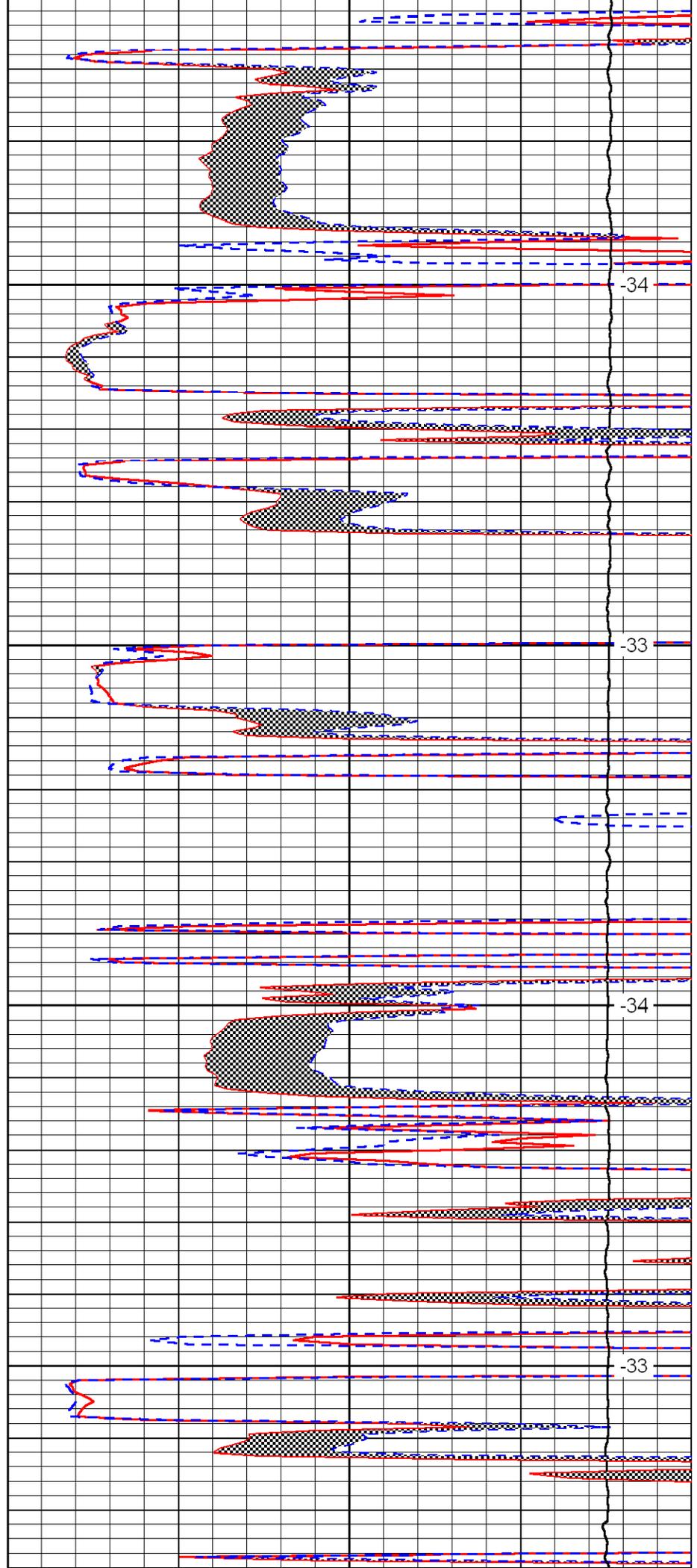


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3900

3950

4000

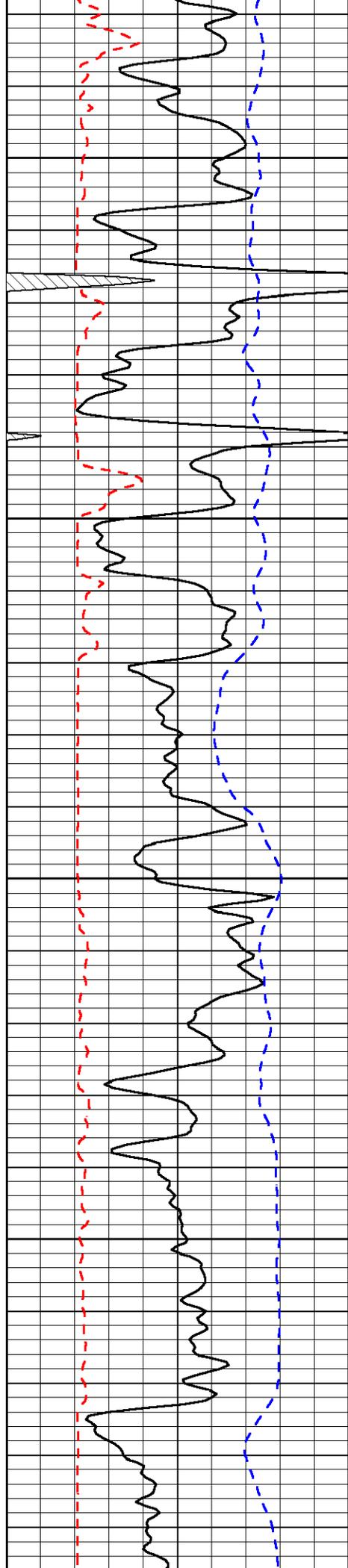


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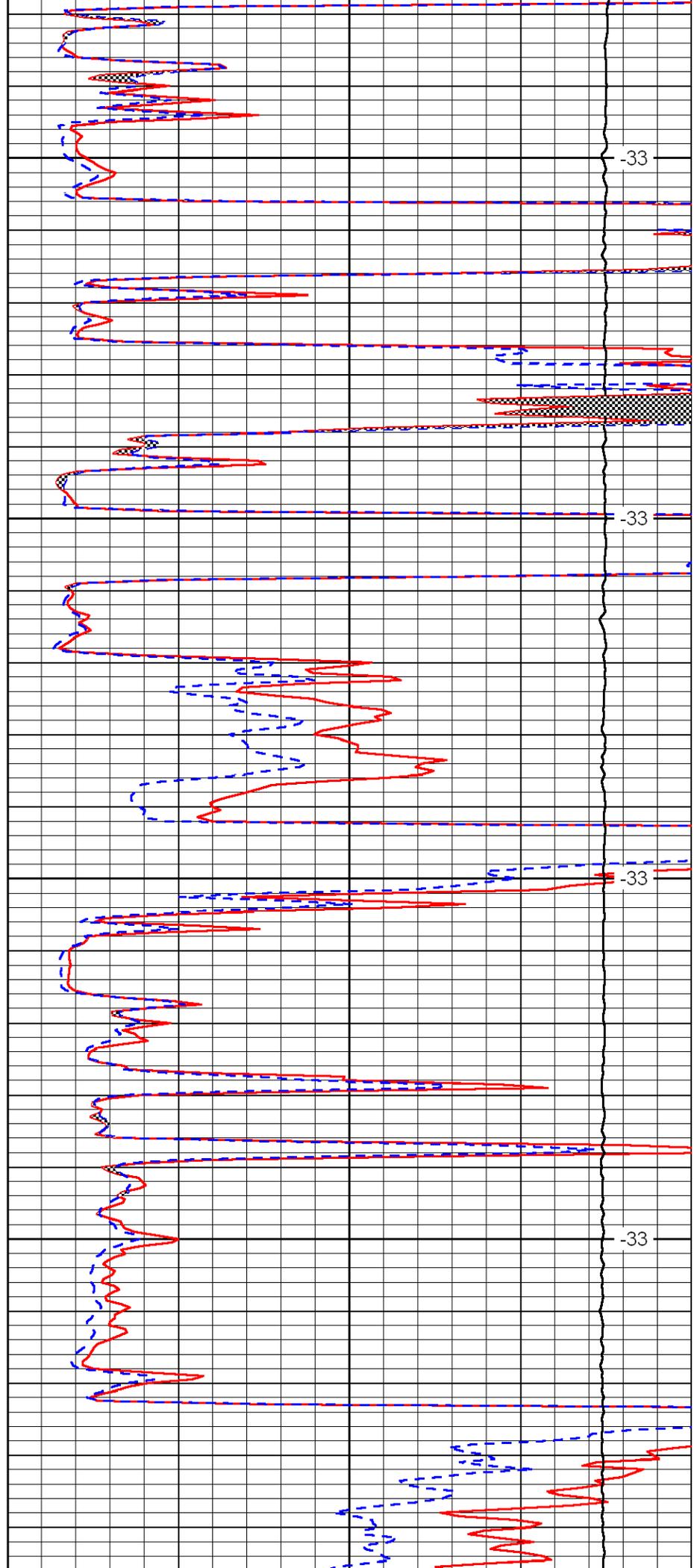


4050

4100

4150

4200

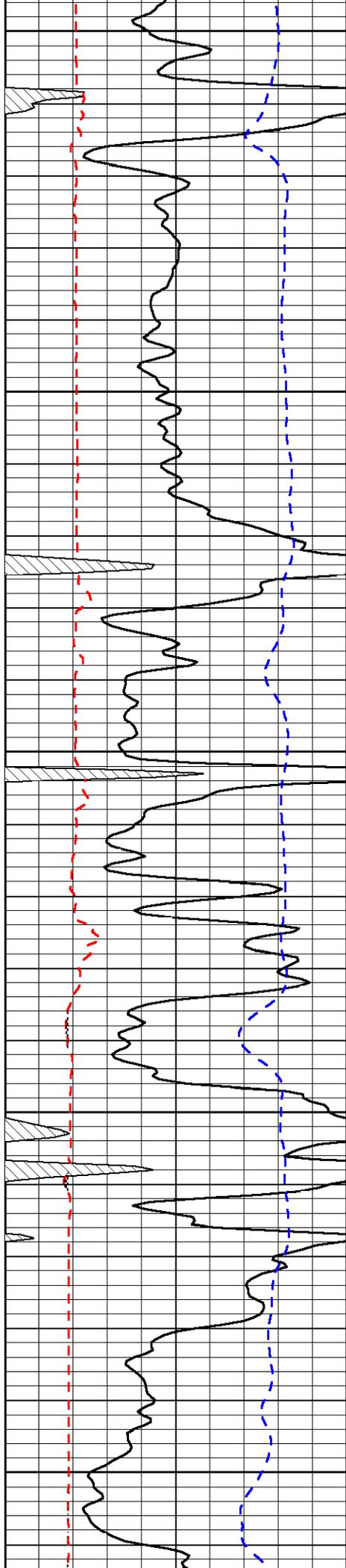


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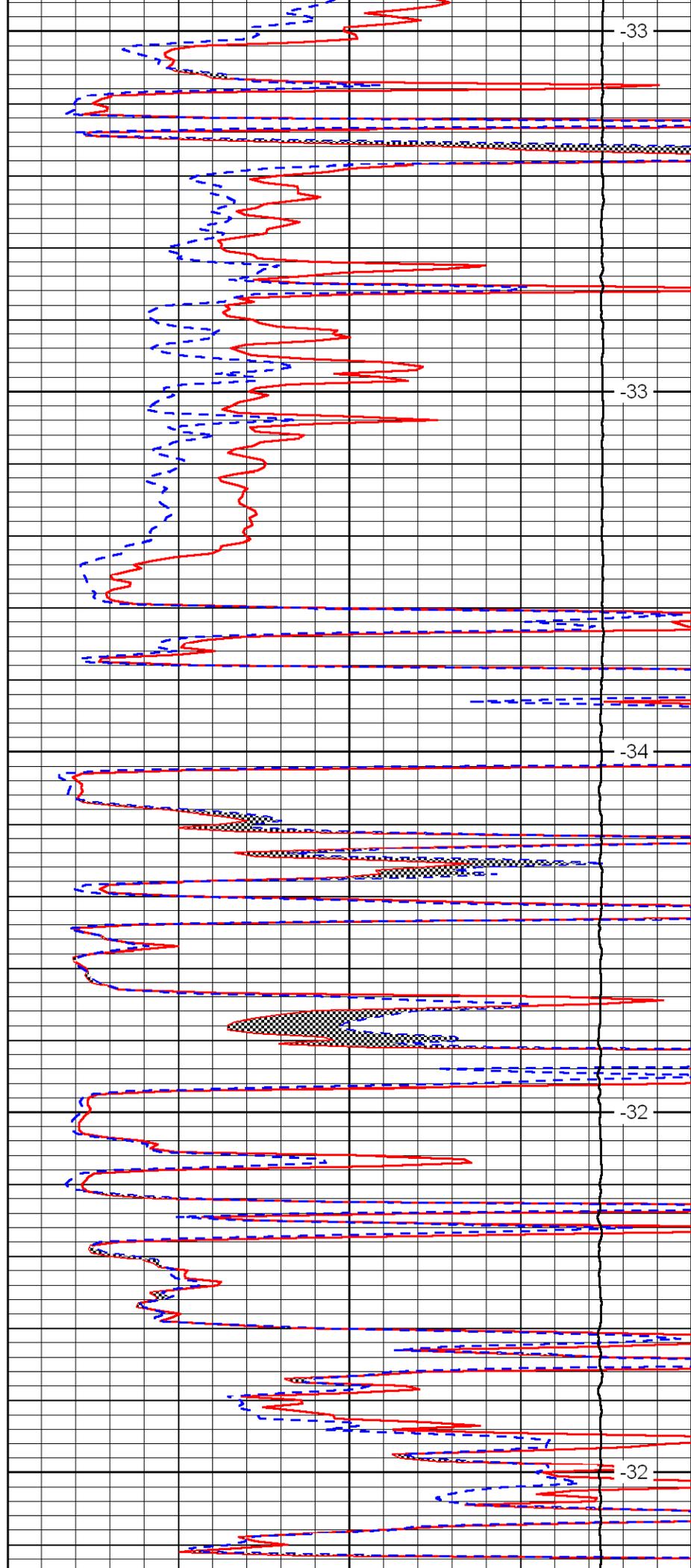
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4300

4350

4400

4450



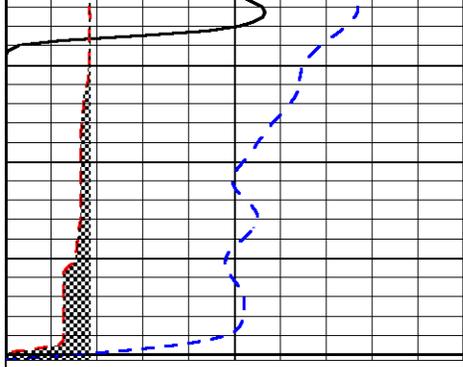
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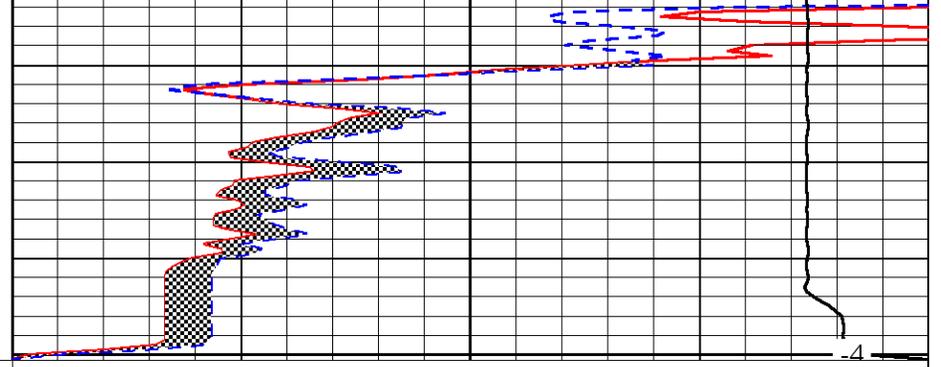
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