



Microresistivity Log

Pioneer Energy Services

API No.

15-185-23879-00-00

Company **Murfin Drilling Company, Inc.**

Well **CLS # 1-35**

Field **Mike's Meteor**

County **Stafford** State

Kansas

Location **330' FSL & 330' FWL**

Sec: **35** Twp: **22 S** Rge: **12 W**

Other Services
CNL/CDL
DIL/BHCS

Elevation

Permanent Datum **Ground Level** Elevation **1831**
Log Measured From **Kelly Bushing** **11** Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. **1842**
D.F. **1831**
G.L. **1831**

Date **8/21/2014**

Run Number **Two**

Depth Driller **4615**

Depth Logger **4611**

Bottom Logged Interval **4610**

Top Log Interval **2700**

Casing Driller **8.625 @ 643**

Casing Logger **641**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **13,700**

Density / Viscosity **9.5 62**

pH / Fluid Loss **10.0 9.2**

Source of Sample **Flowline**

Rm @ Meas. Temp **0.28 @ 75**

Rmf @ Meas. Temp **0.21 @ 75**

Rmc @ Meas. Temp **0.38 @ 75**

Source of Rmf / Rmc **Charts**

Rm @ BHT **0.18 @ 115**

Operating Rig Time **4 1/2 Hours**

Max Rec. Temp. F **115**

Equipment Number **15**

Location **Hays**

Recorded By **Y. Ruiz**

Witnessed By **Chuck Schmalz**

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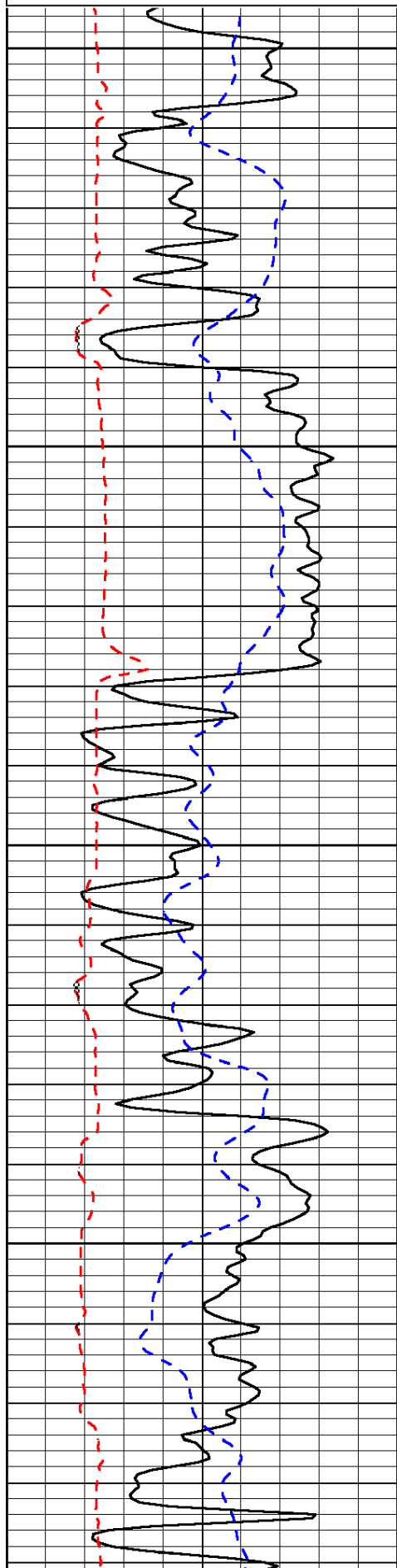
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
St. John,
North to 4 Th Street, East to 70 Th Ave, 2 North,
East into

Database File: c:\warrior\data\murfin_ks # 1-35\murfin_ks_1_35_hd2.db
Dataset Pathname: DIL\murstk2
Presentation Format: micro
Dataset Creation: Thu Aug 21 11:57:14 2014
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



2700

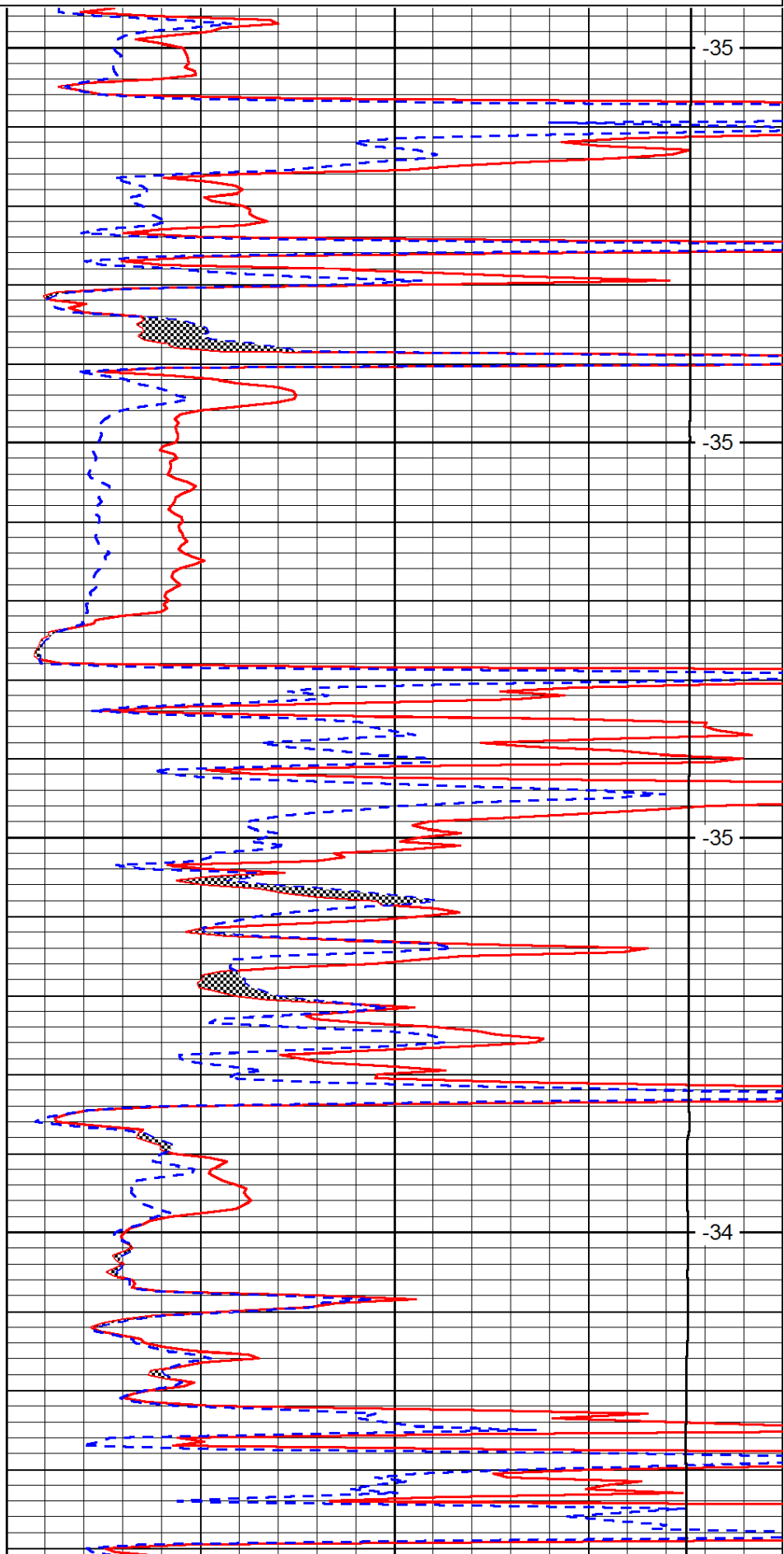
2750

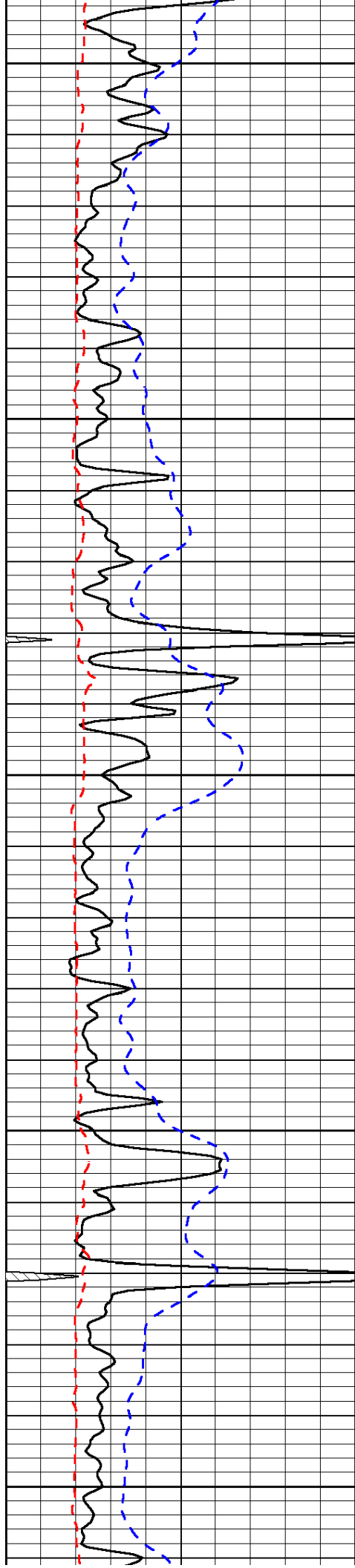
2800

2850

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





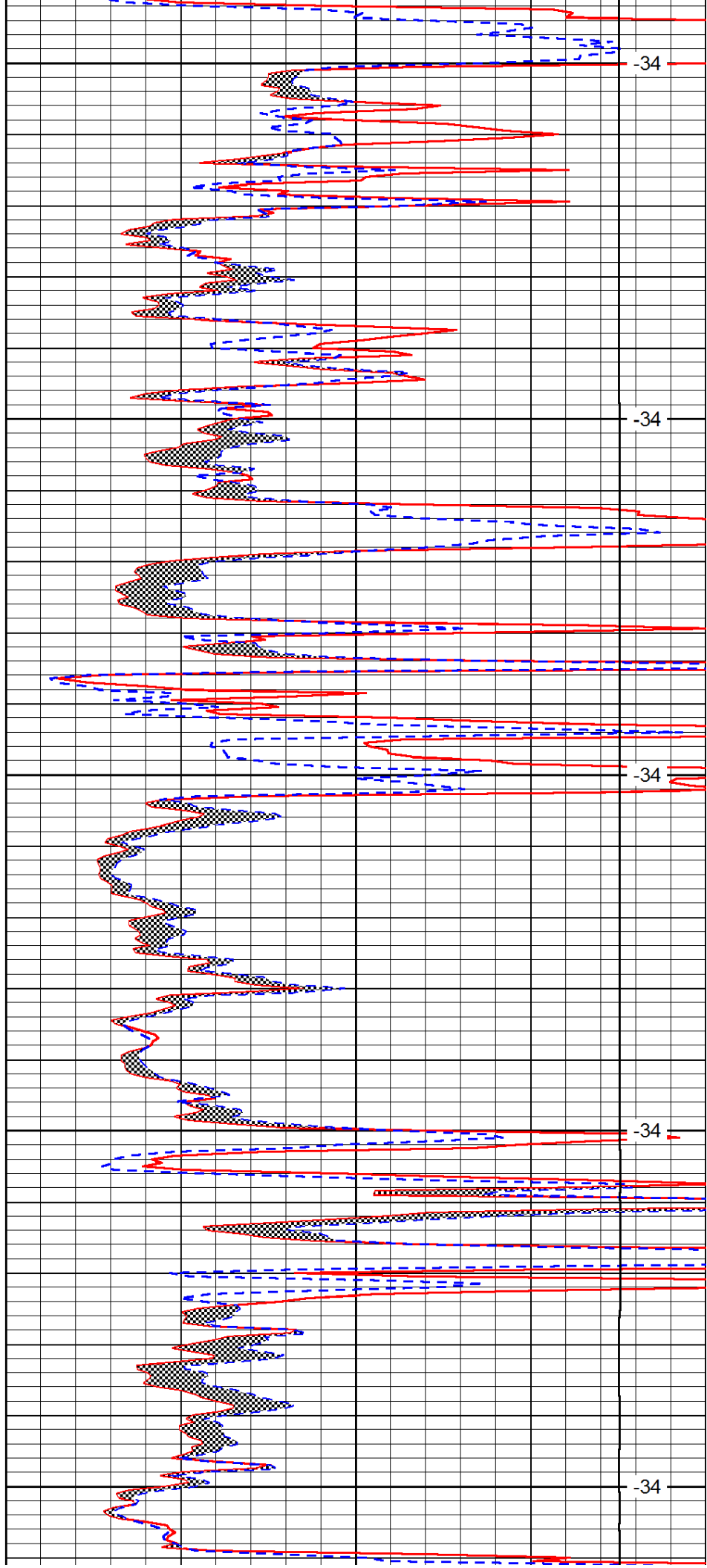
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2950

3000

3050

3100



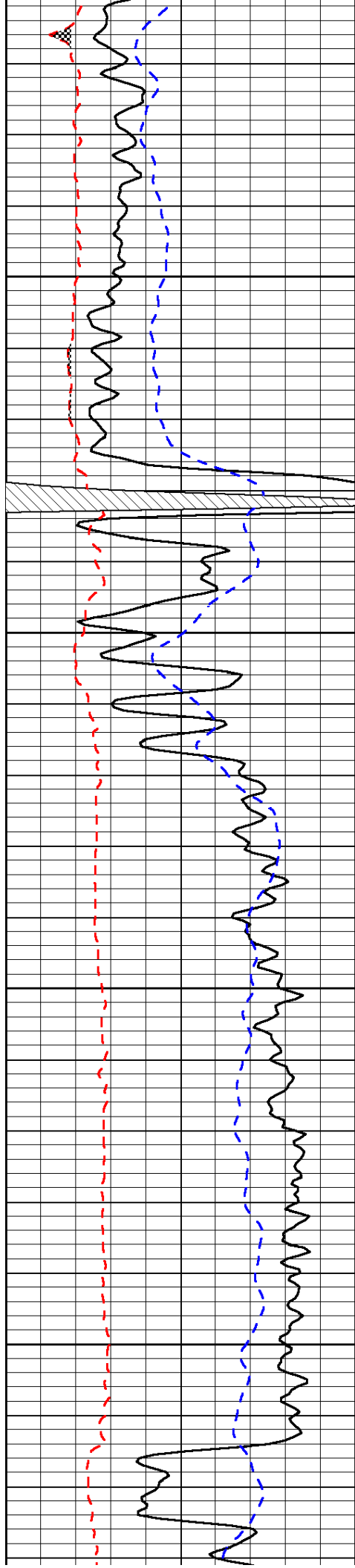
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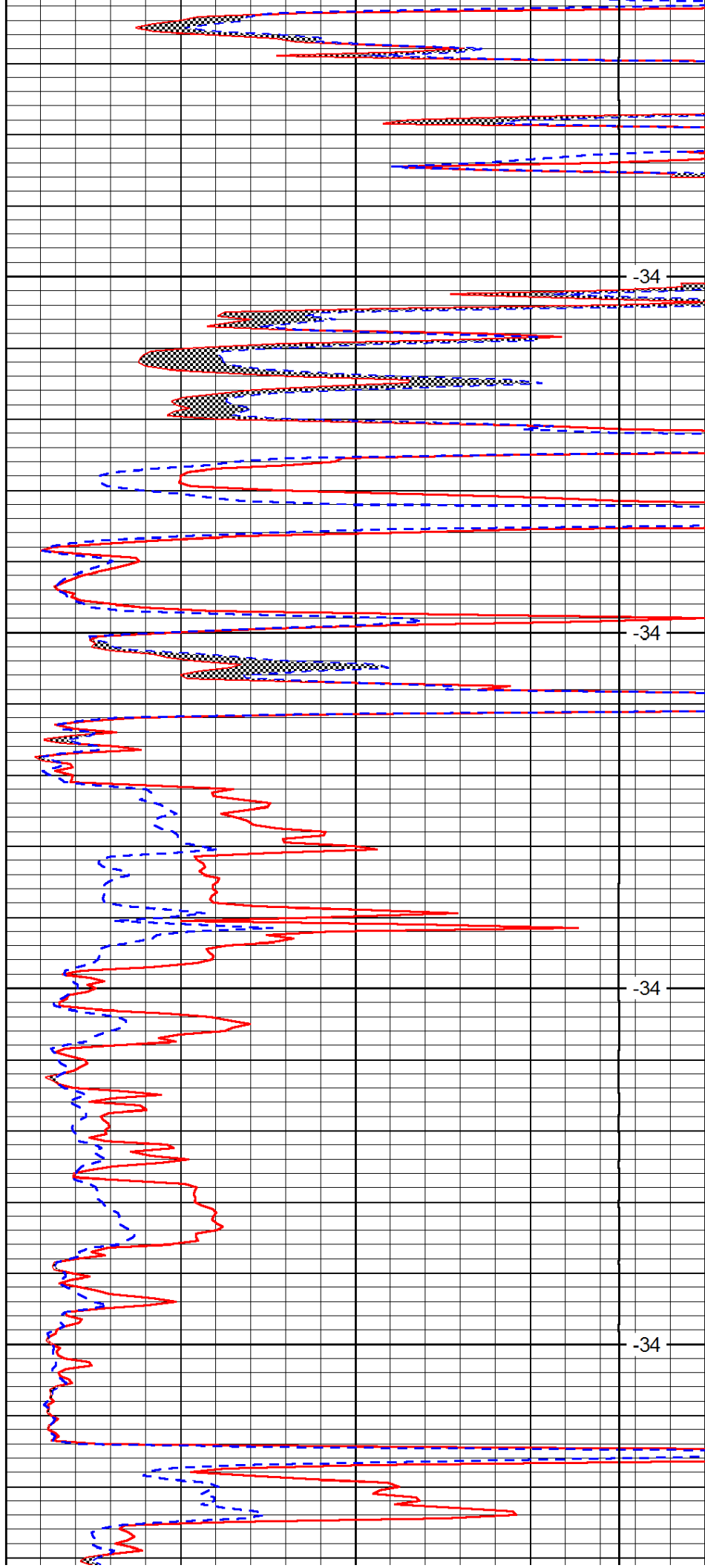


3150

3200

3250

3300

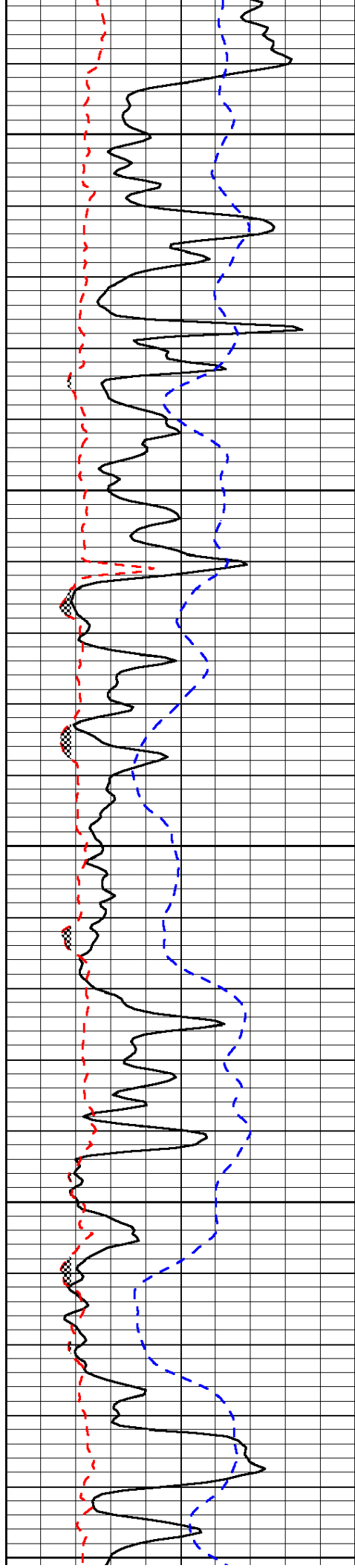


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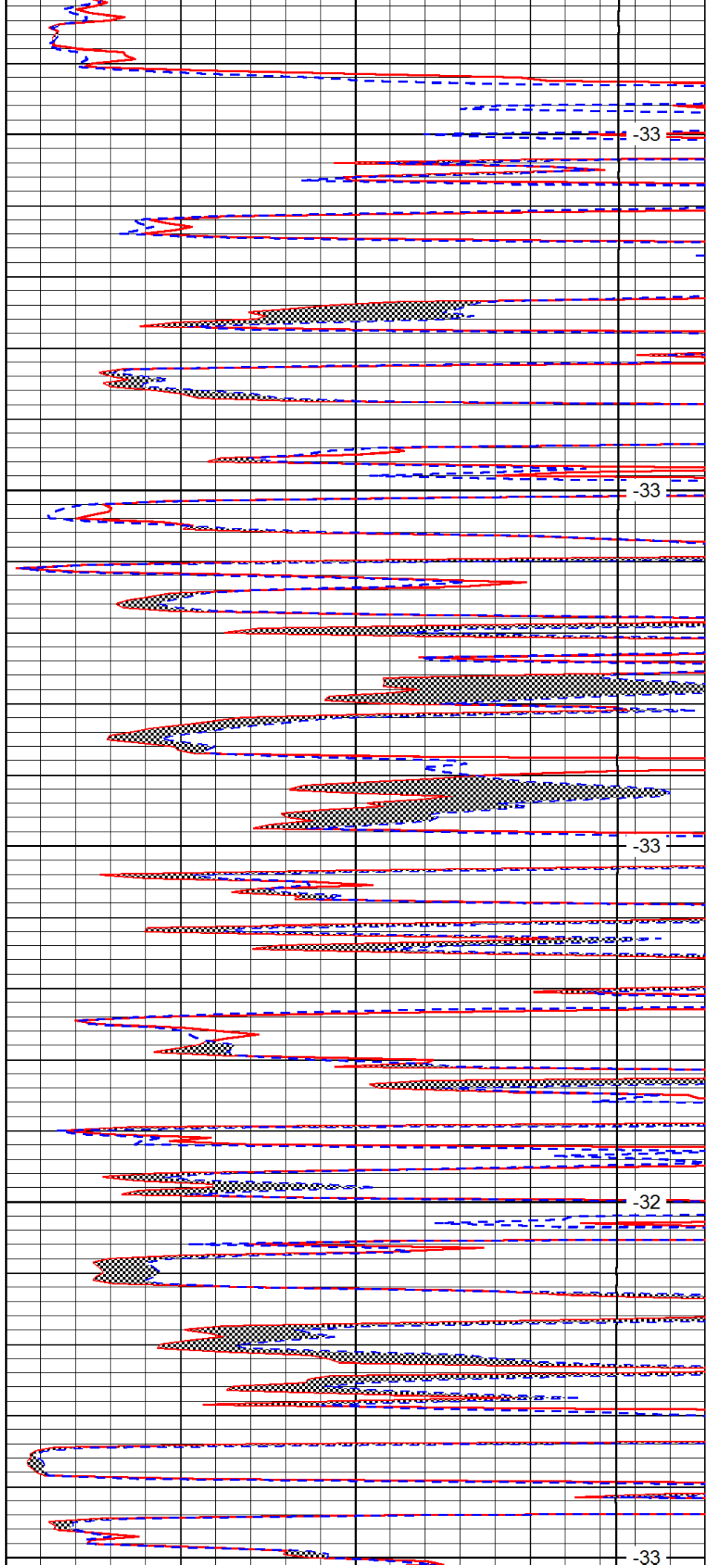
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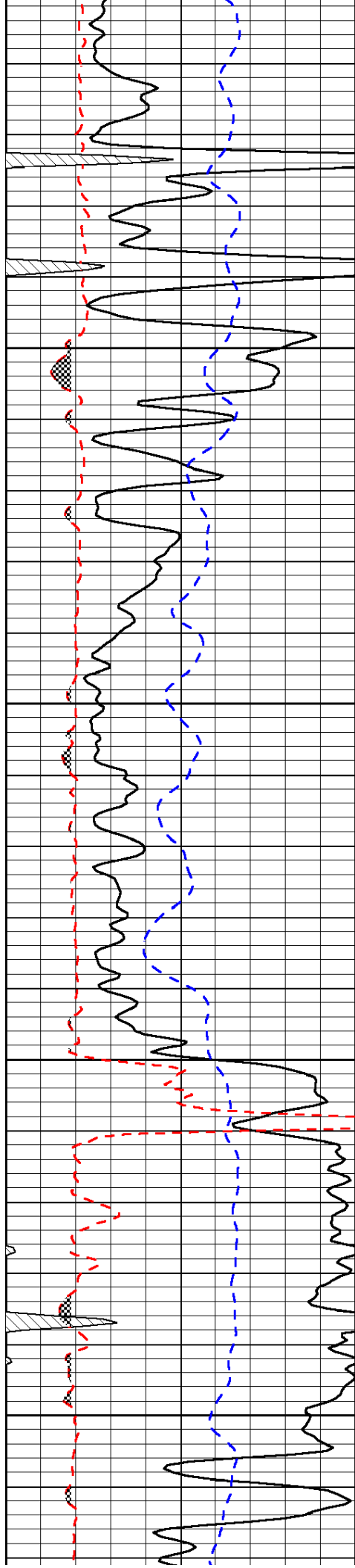
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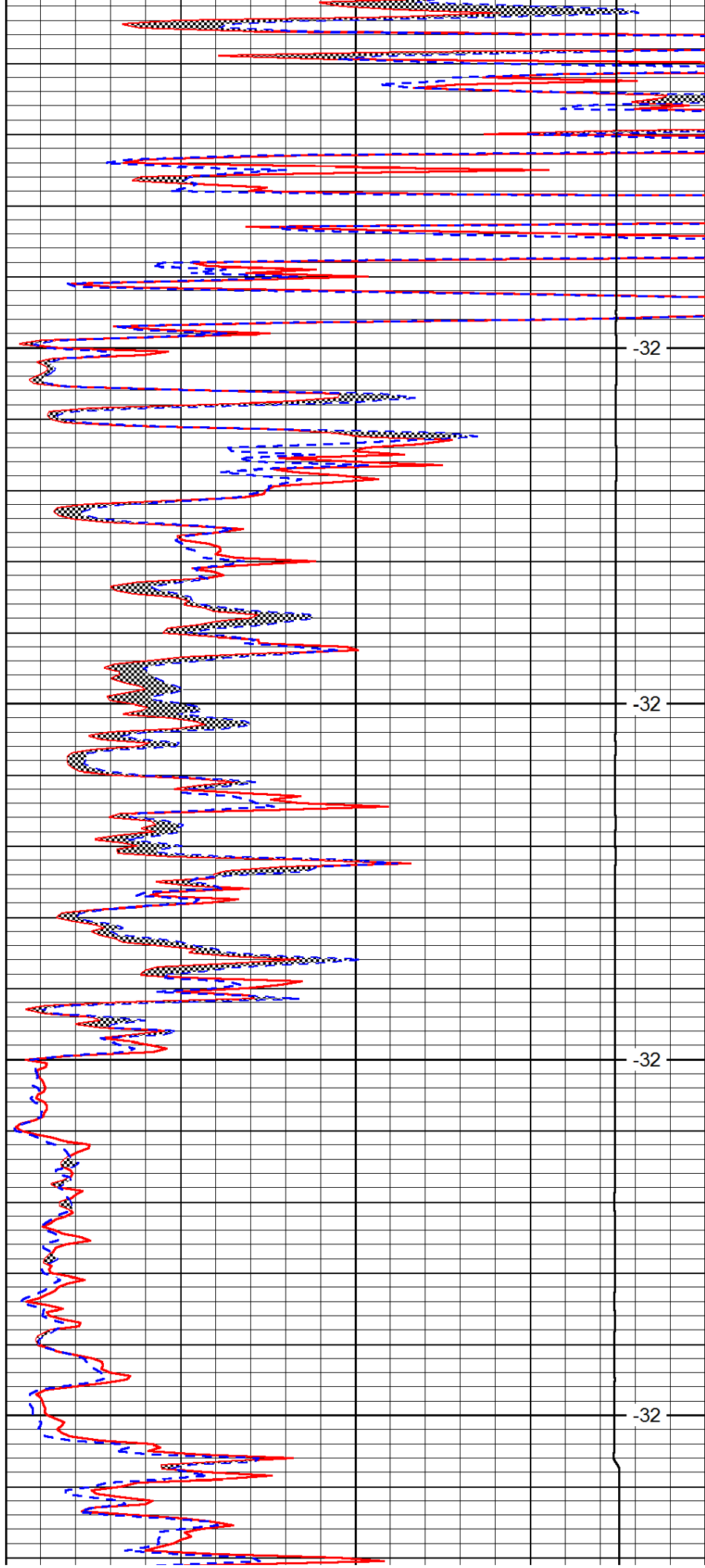


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3650

3700

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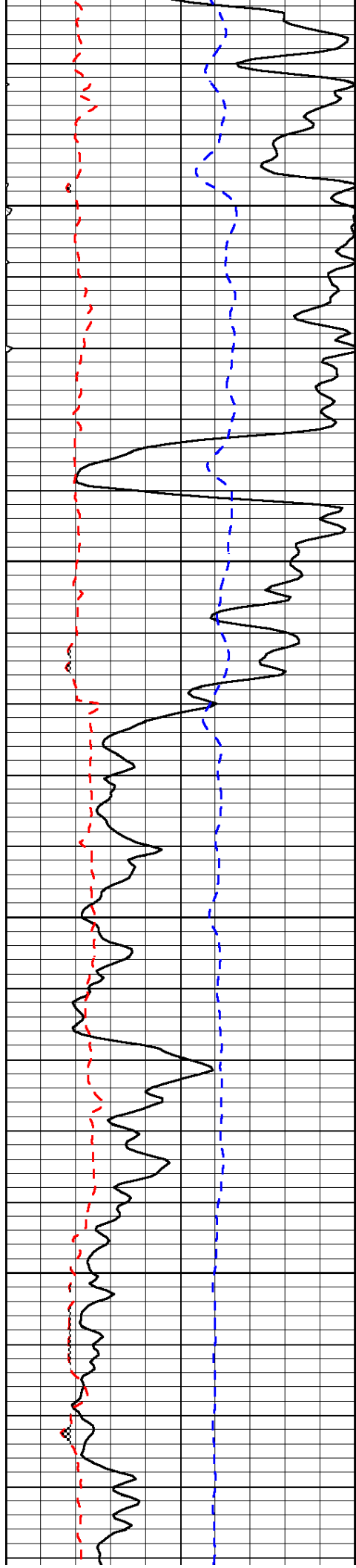


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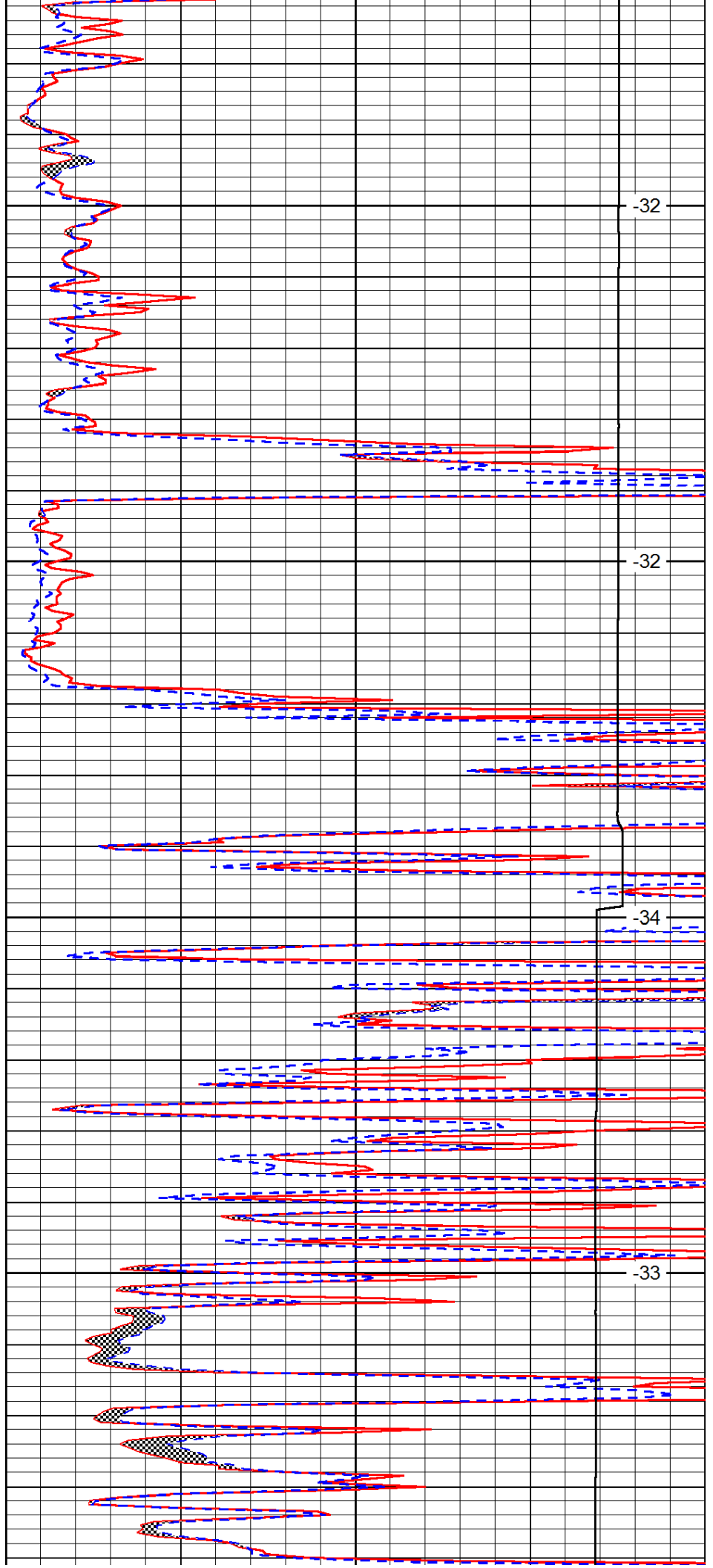


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3850

3900

3950

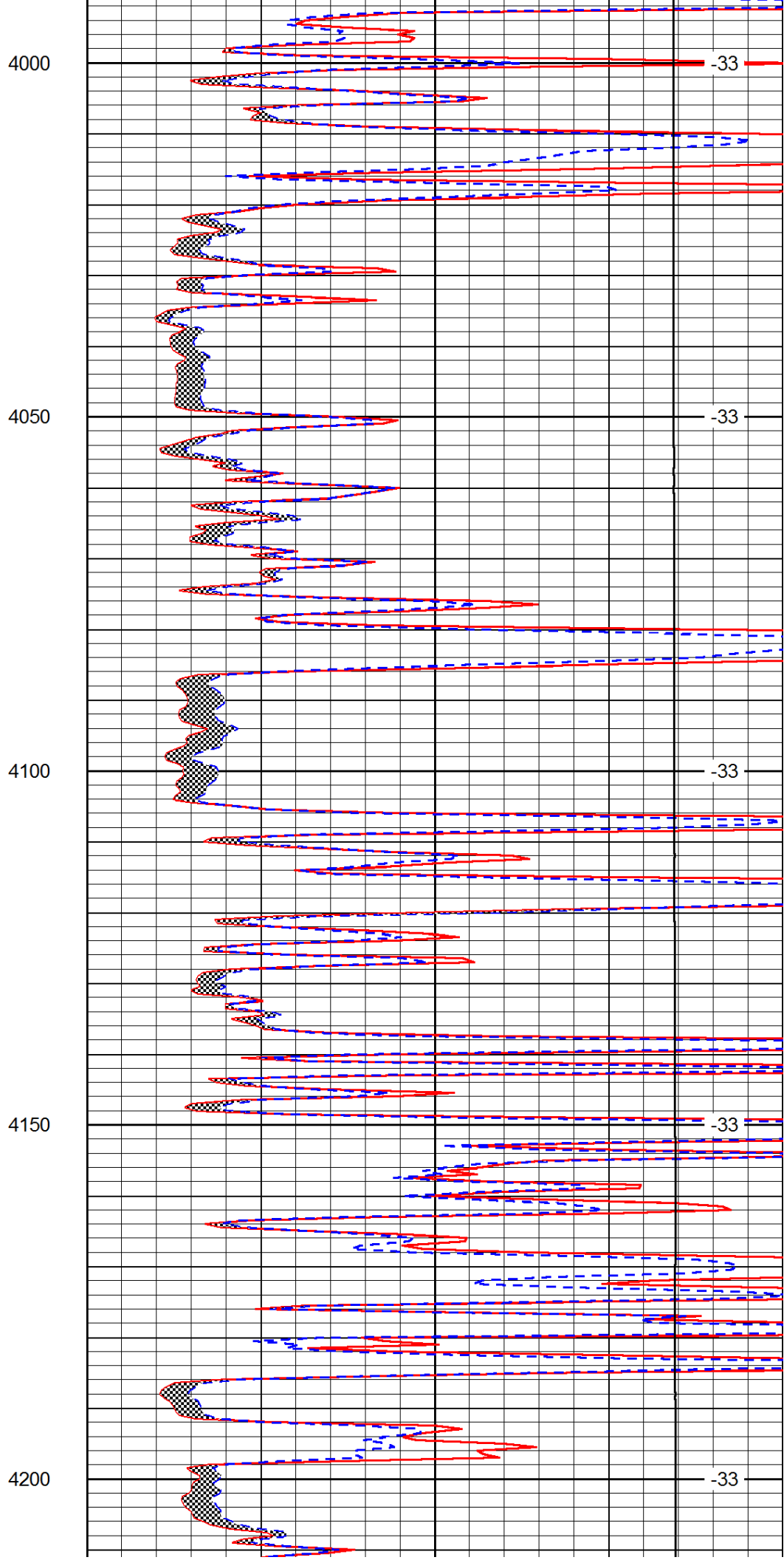
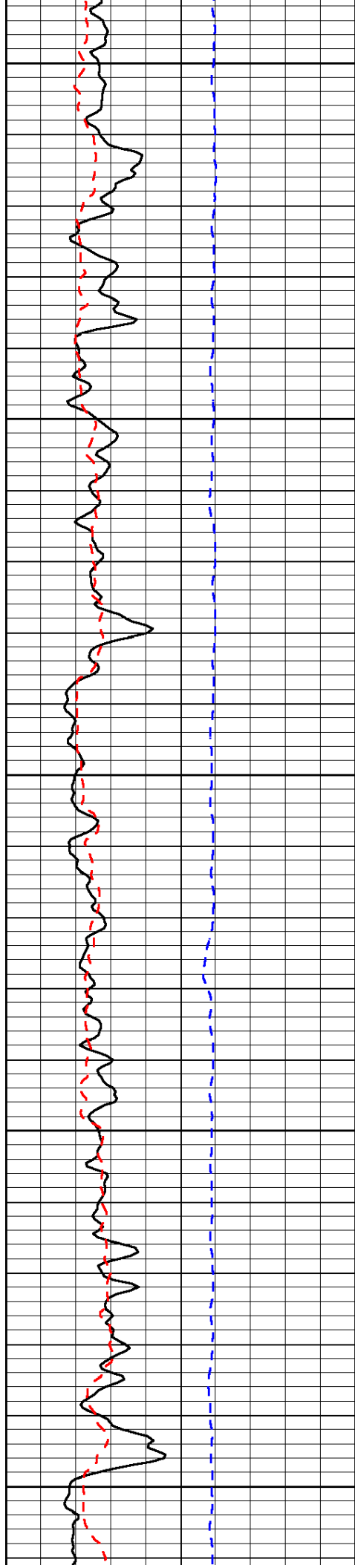


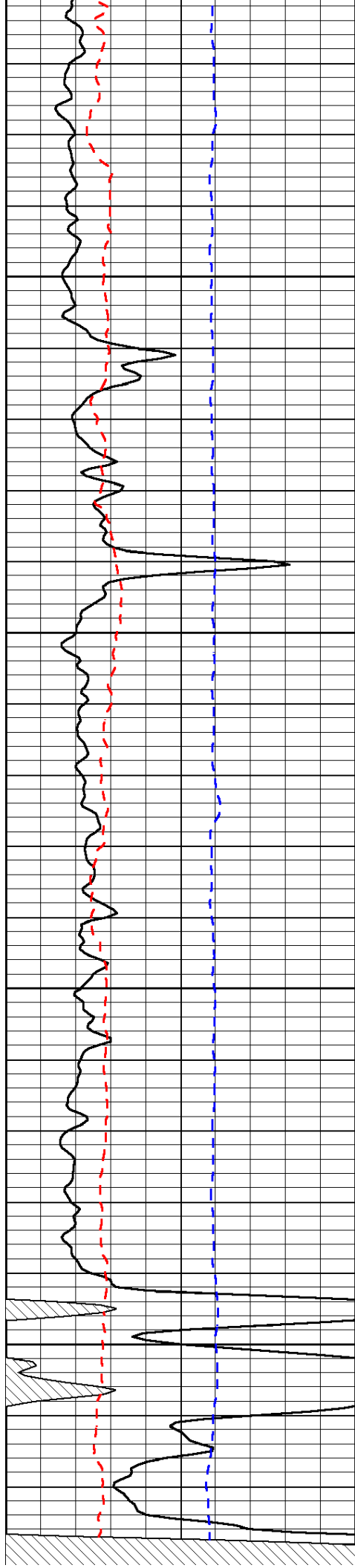
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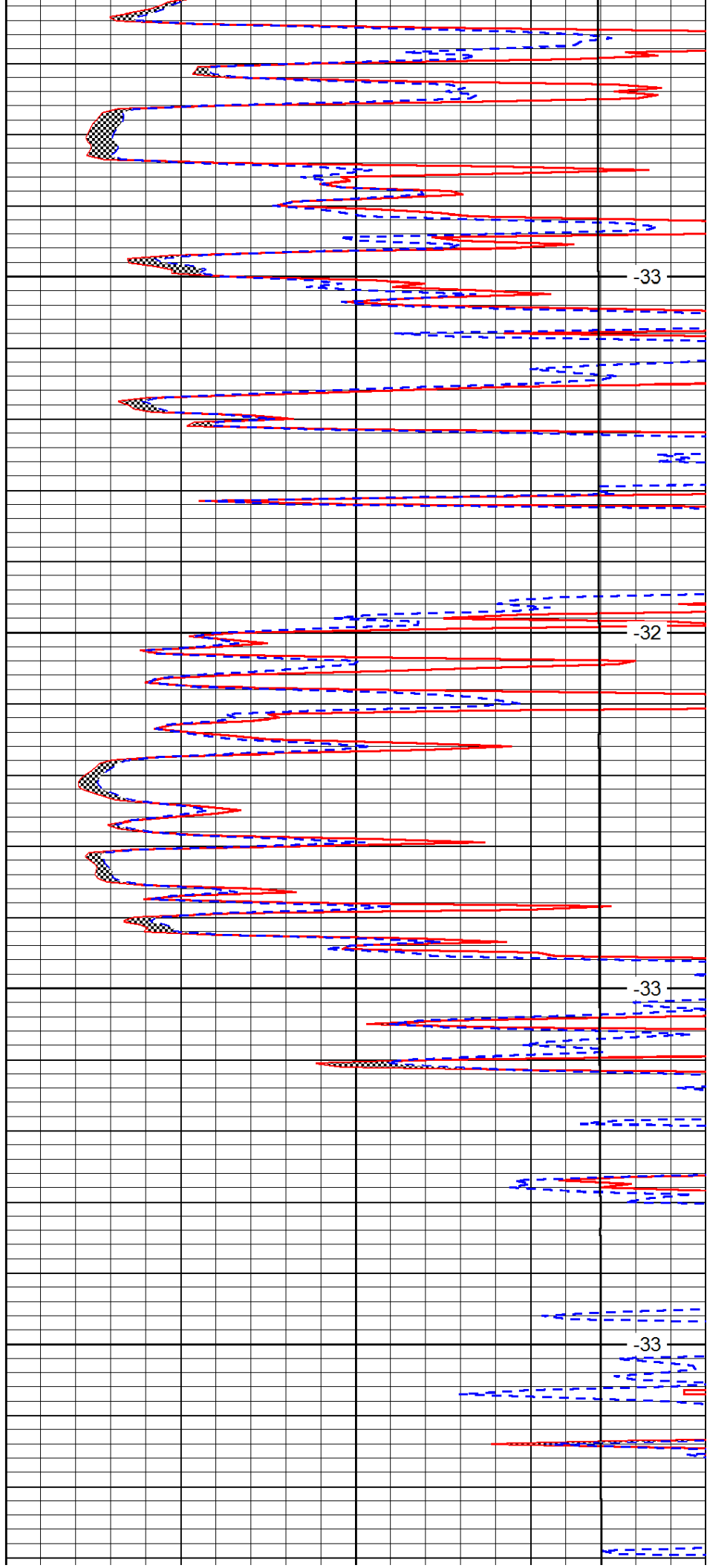


4250

4300

4350

4400



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