



Microresistivity Log

Pioneer Energy Services

API No.

15-203-20,211-00-00

Company Raymond Oil Company, Inc.

Well Keeton #1

Field Wildcat

County Wichita State

Kansas

Location

NE SW SE NE
2248' FNL & 769' FEL

Other Services
CNL/CDL
DIL

Sec: 13

Twp: 20 S

Rge: 36 W

Elevation

Permanent Datum Ground Level

Elevation 3162

Log Measured From Kelly Bushing

11 Ft. Above Perm. Datum

K.B. 3173
D.F.
G.L. 3162

Drilling Measured From Kelly Bushing

Date

3/22/2013

Run Number

Two

Depth Driller

5088

Depth Logger

5092

Bottom Logged Interval

5091

Top Log Interval

3450

Casing Driller

8.625 @ 267

Casing Logger

261

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

6100

Density / Viscosity

9.3 55

pH / Fluid Loss

11.0 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

.45 @ 65

Rmf @ Meas. Temp

.34 @ 65

Rmc @ Meas. Temp

.61 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

.23 @ 127

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

127

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

Ted Jochems

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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.

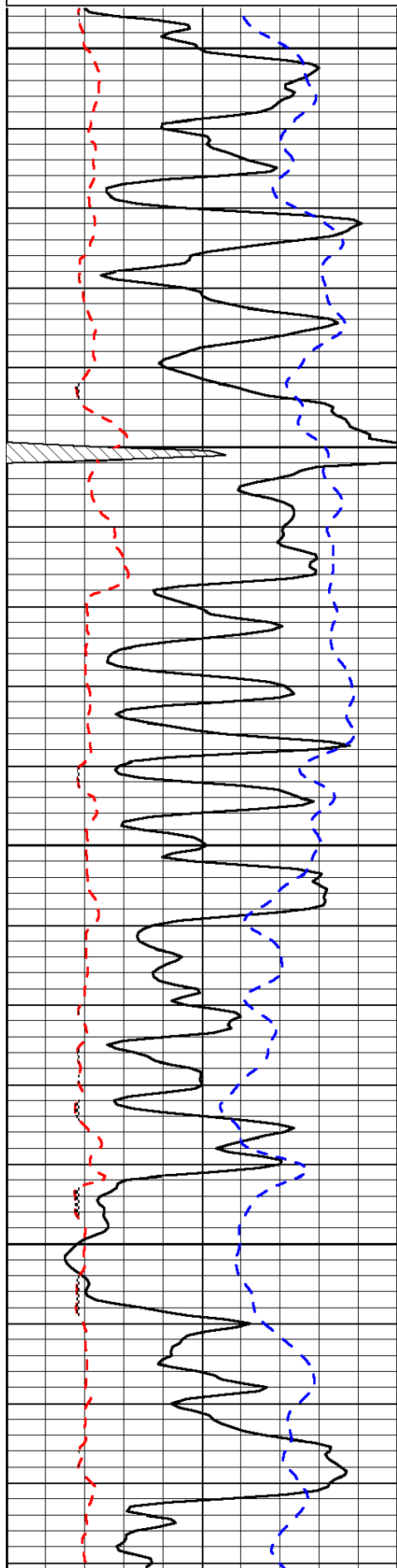
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Marienthal KS, 11 South to AA RD,
1 West, 1/2 South, West Into

Database File: c:\warrior\data\raymond_keeton #1\raymond_keeton_1hd.db
Dataset Pathname: DIL\raystk
Presentation Format: micro
Dataset Creation: Fri Mar 22 04:23:49 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.10		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



3450

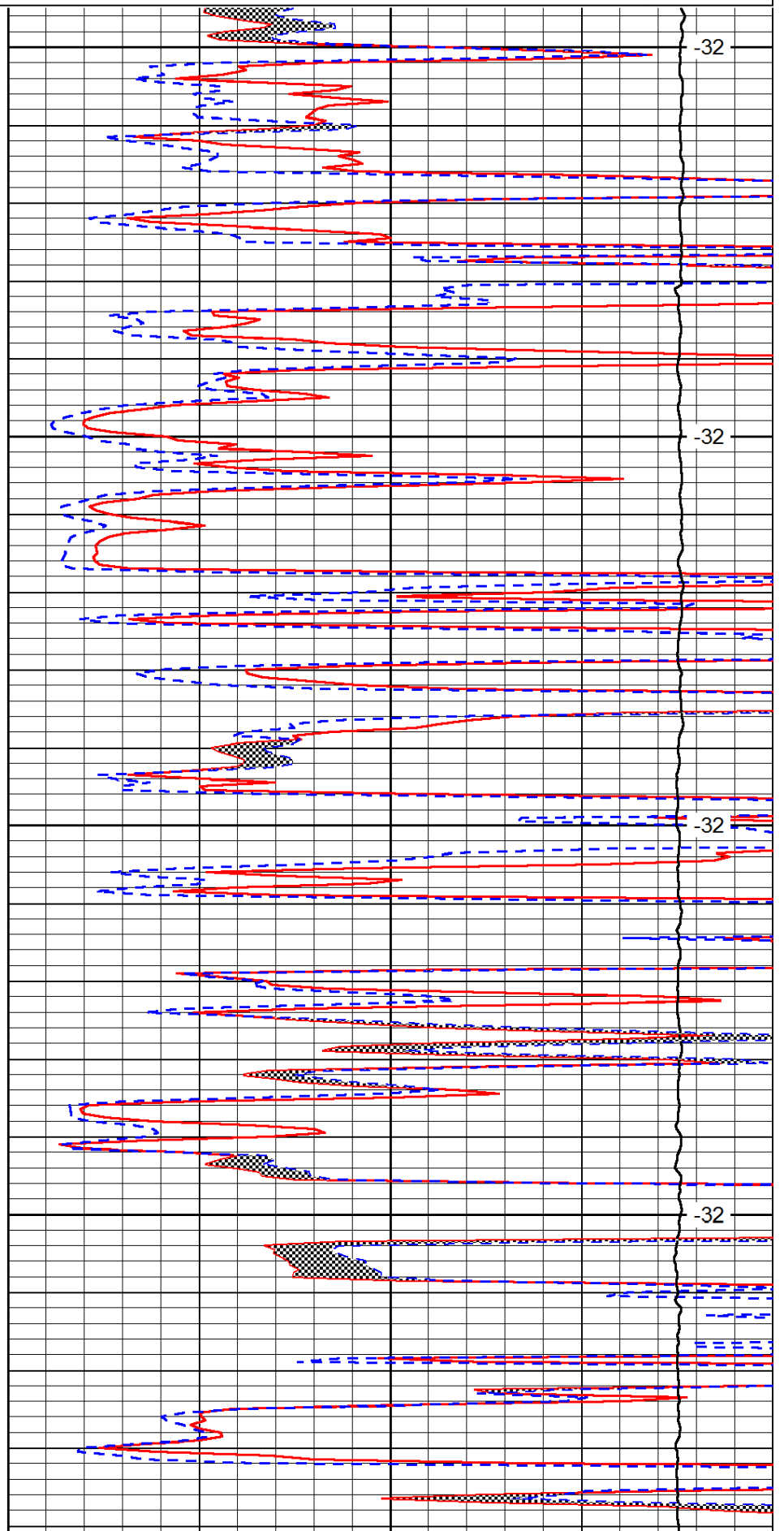
3500

3550

3600

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

LSPD

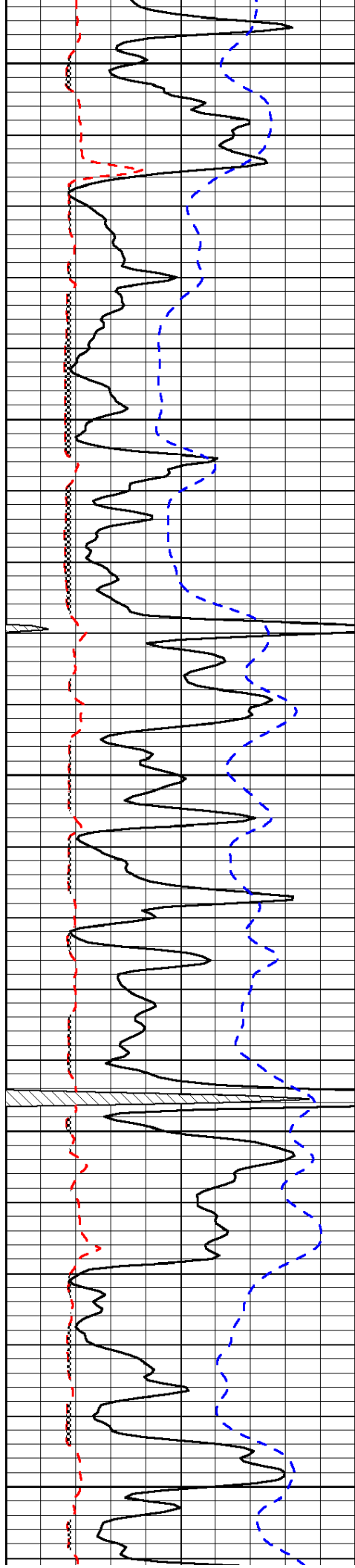


-32

-32

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-32



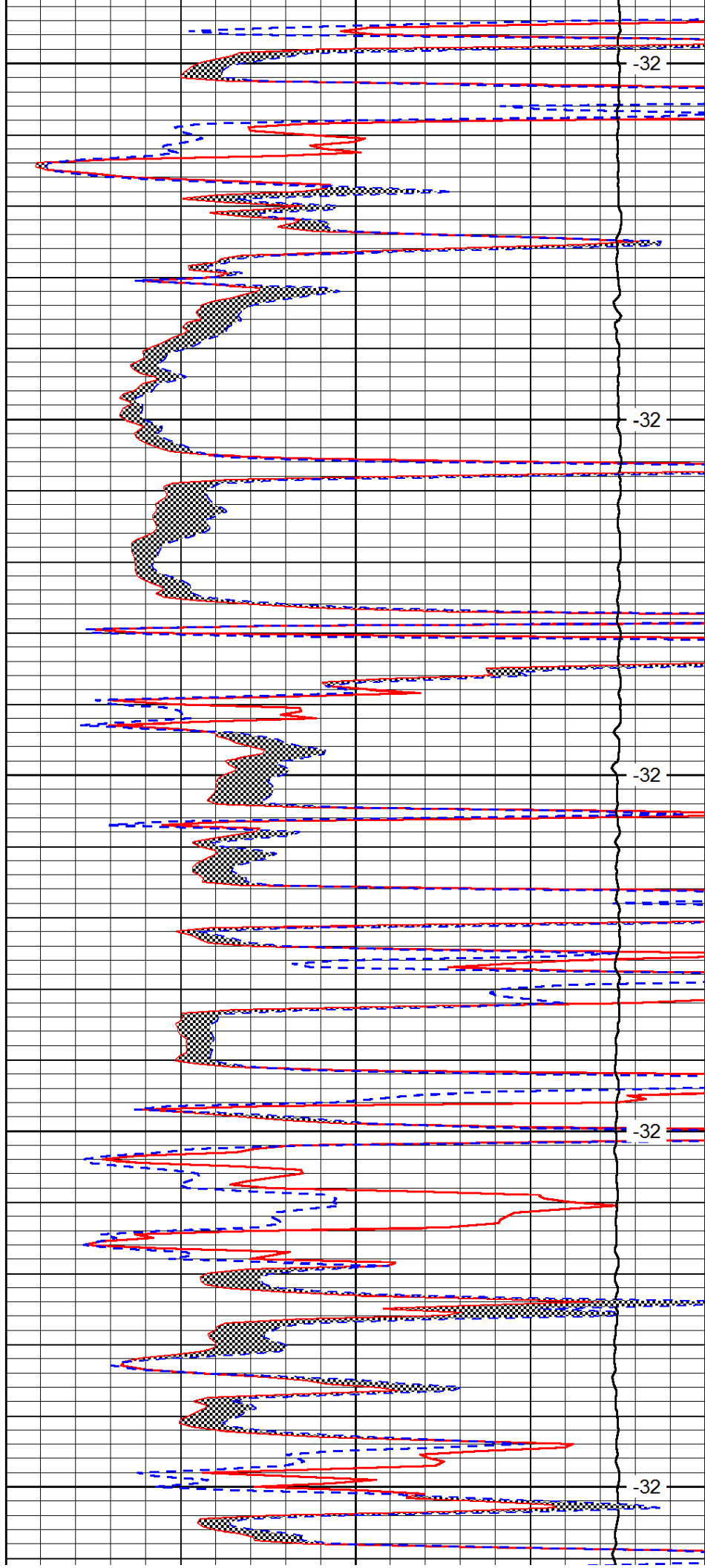
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3700

3750

3800

3850



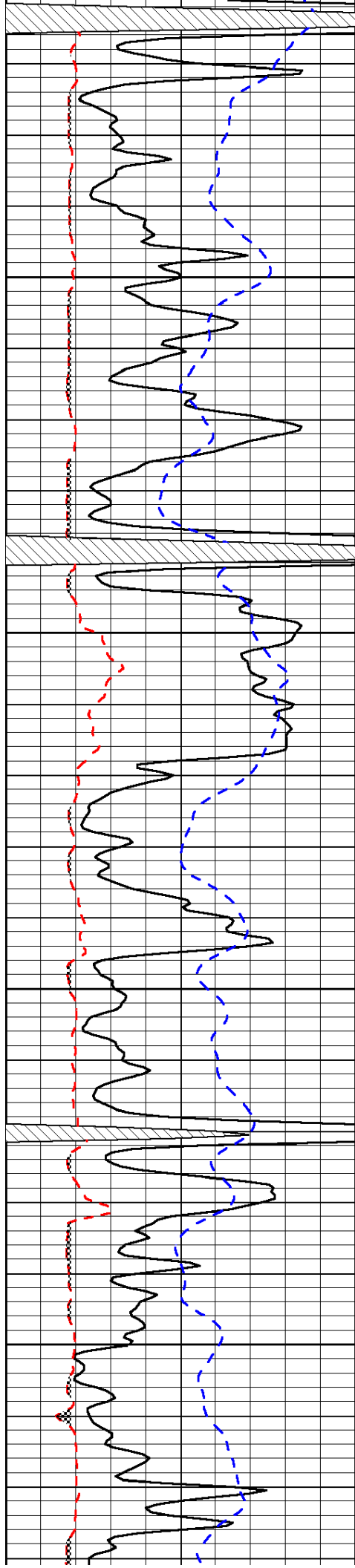
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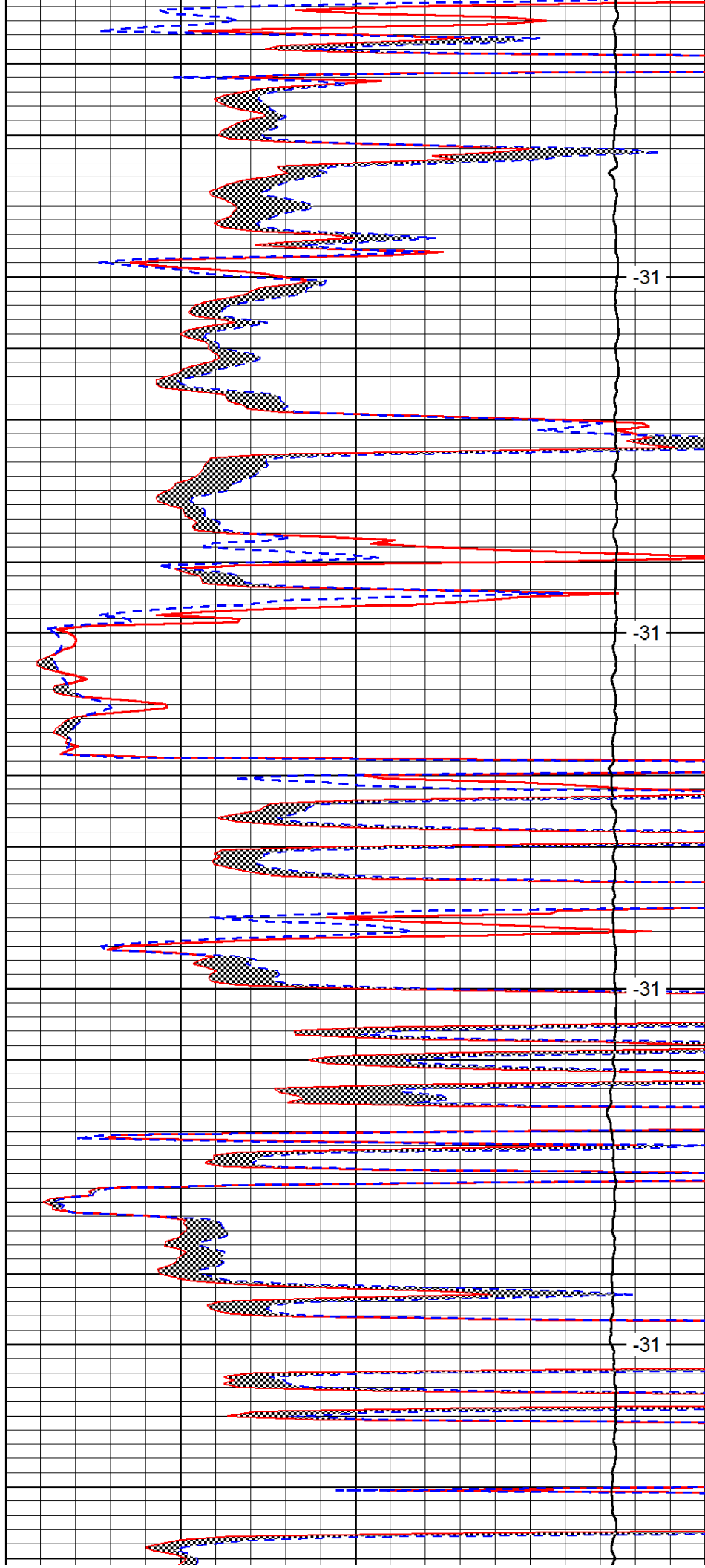


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3950

4000

4050

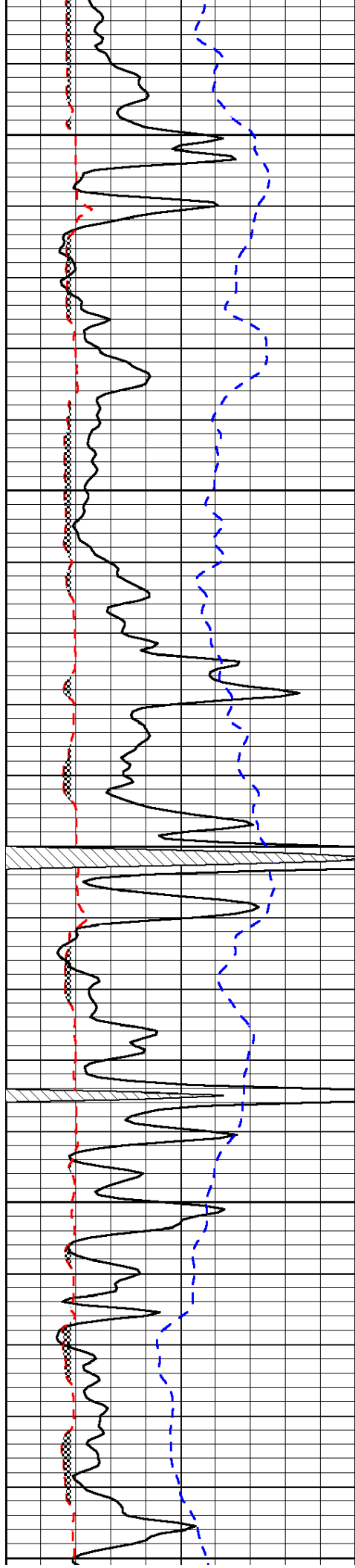


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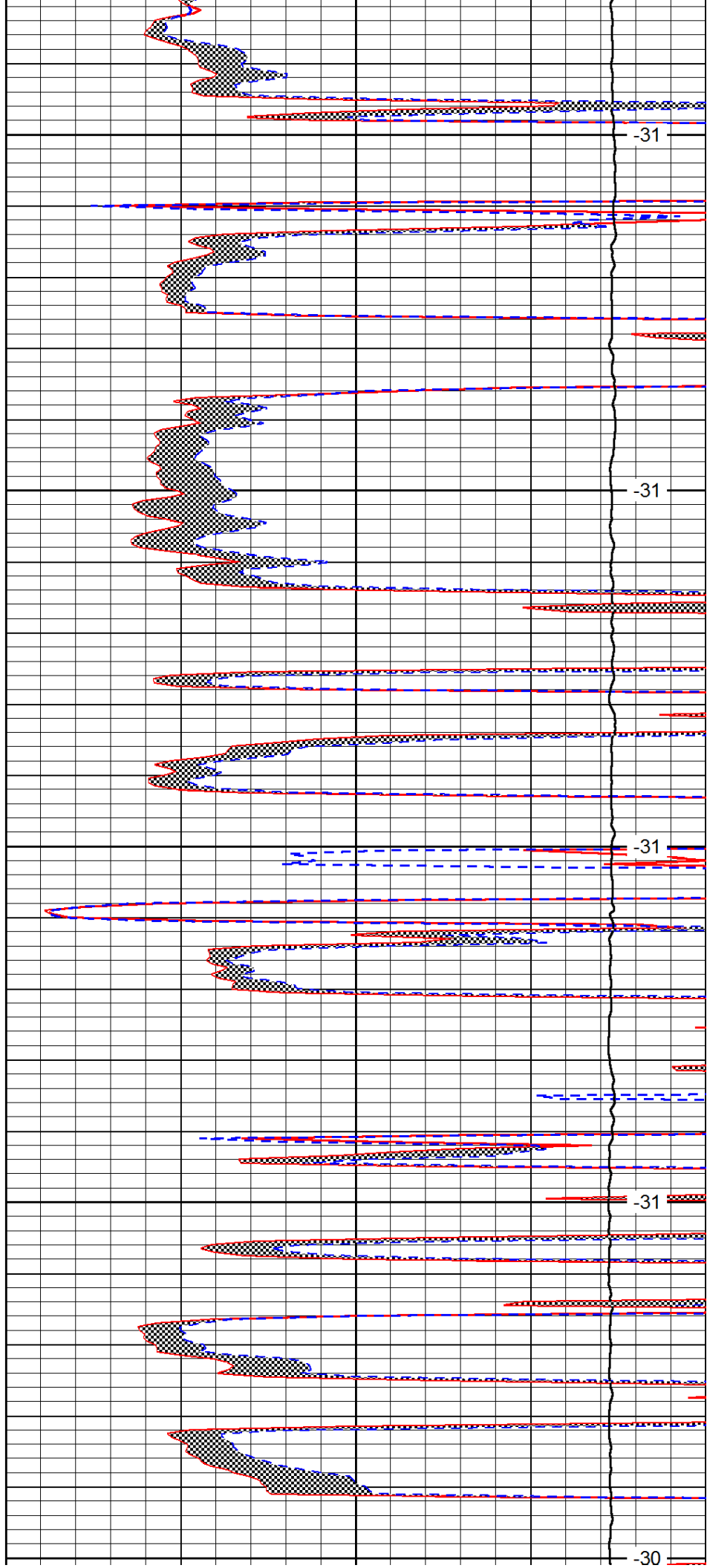
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4150

4200

4250

4300



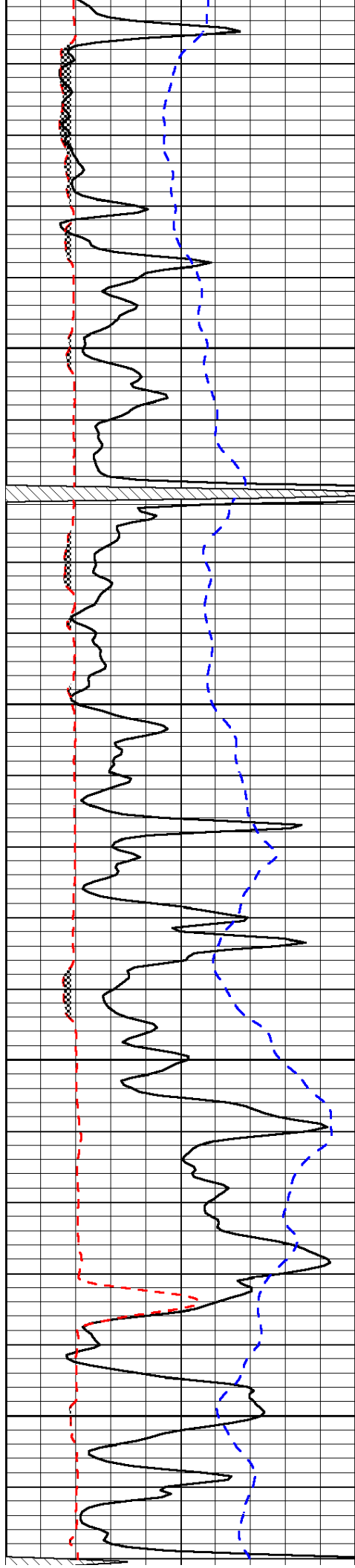
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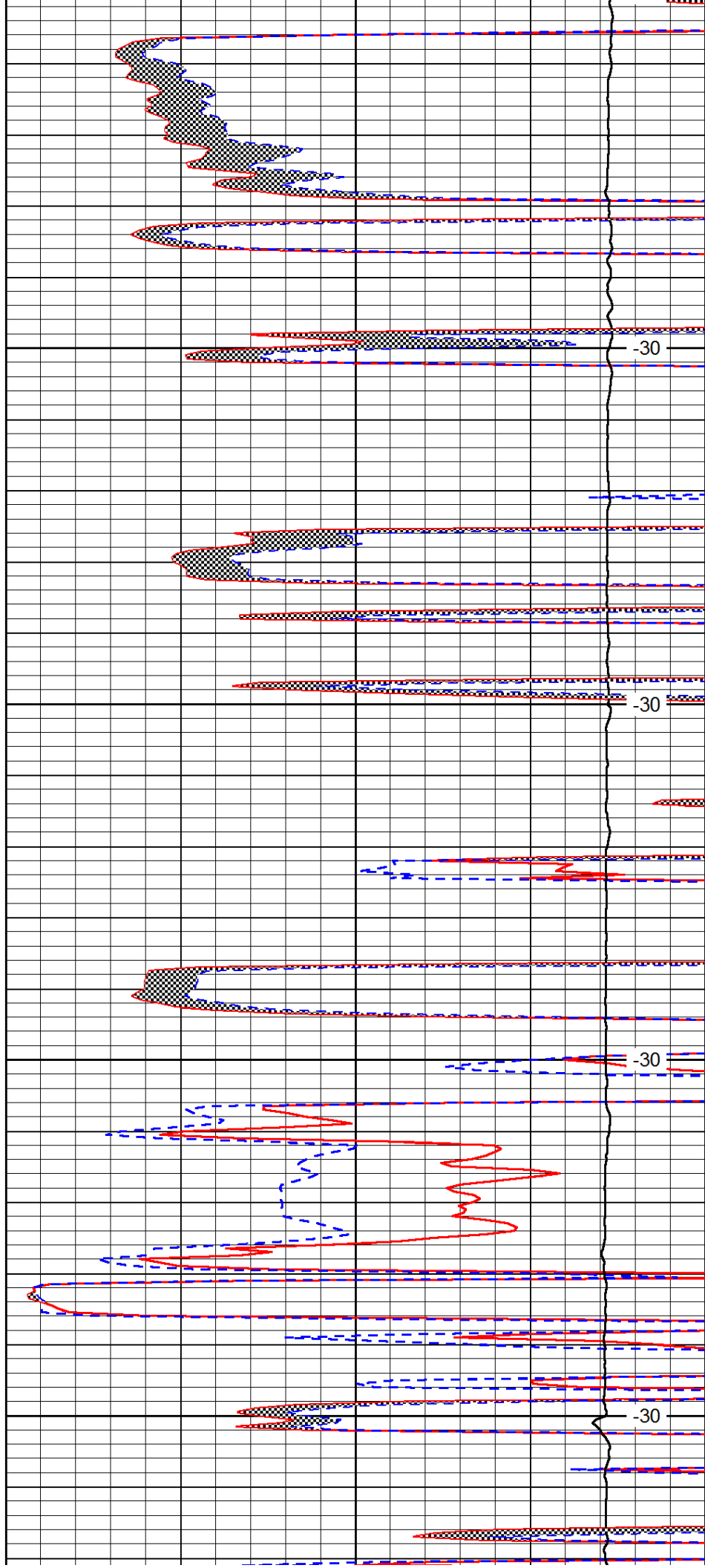


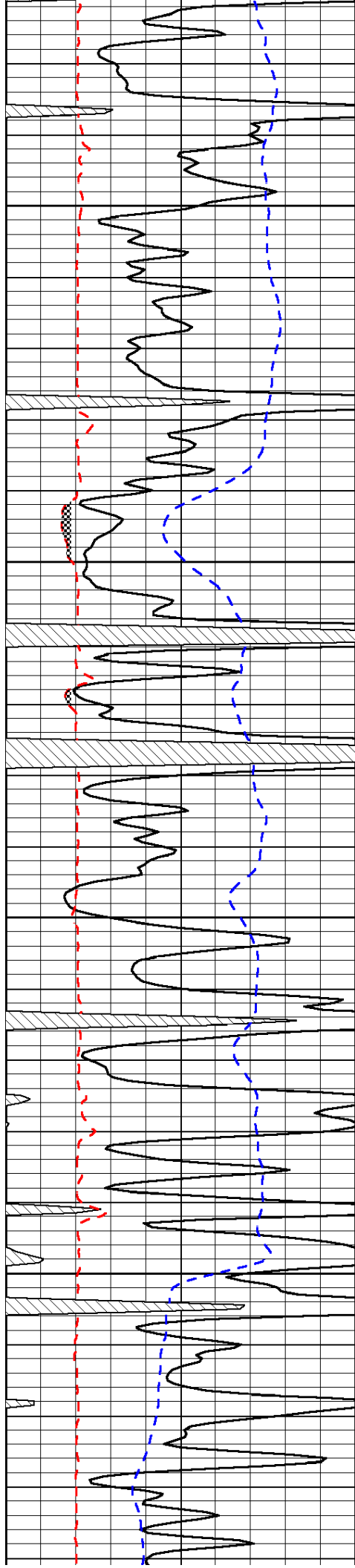
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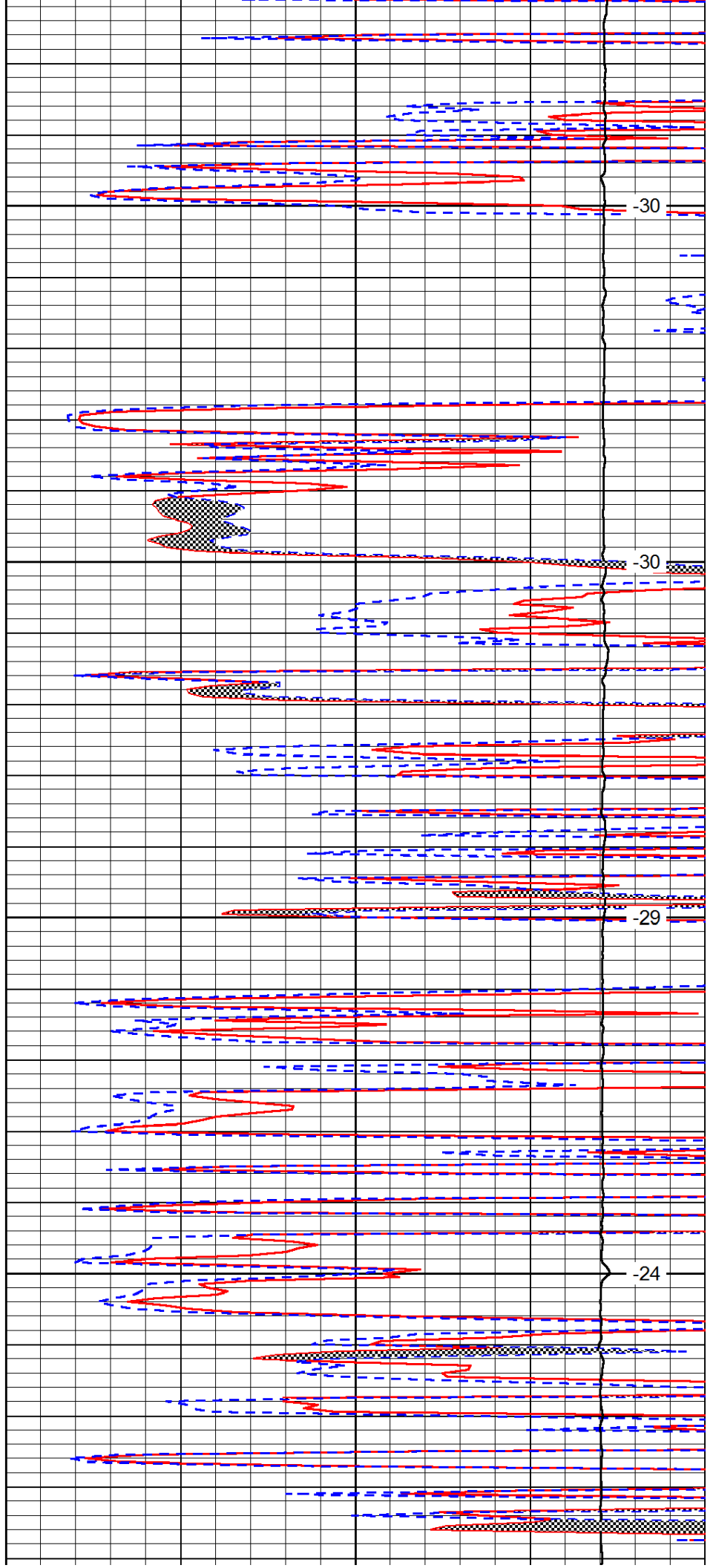


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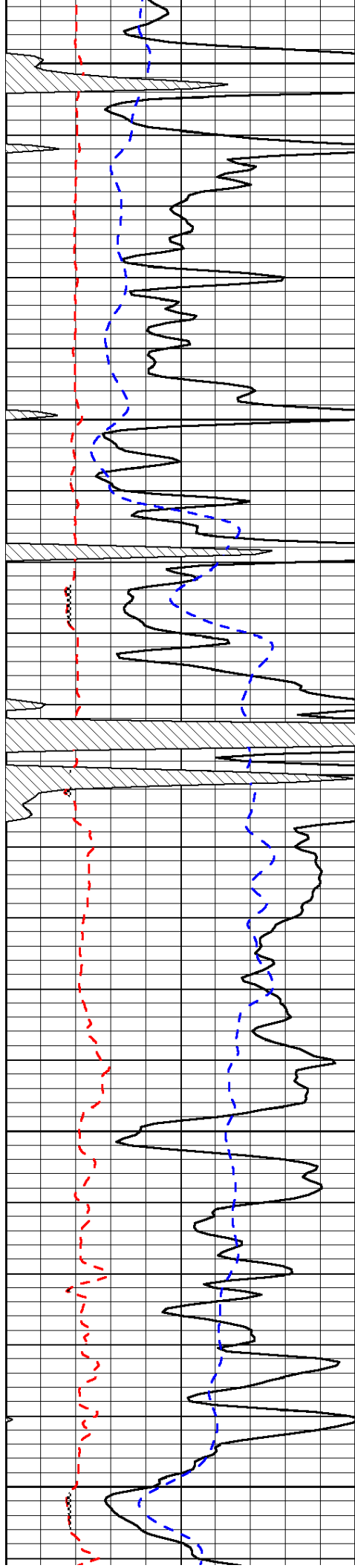


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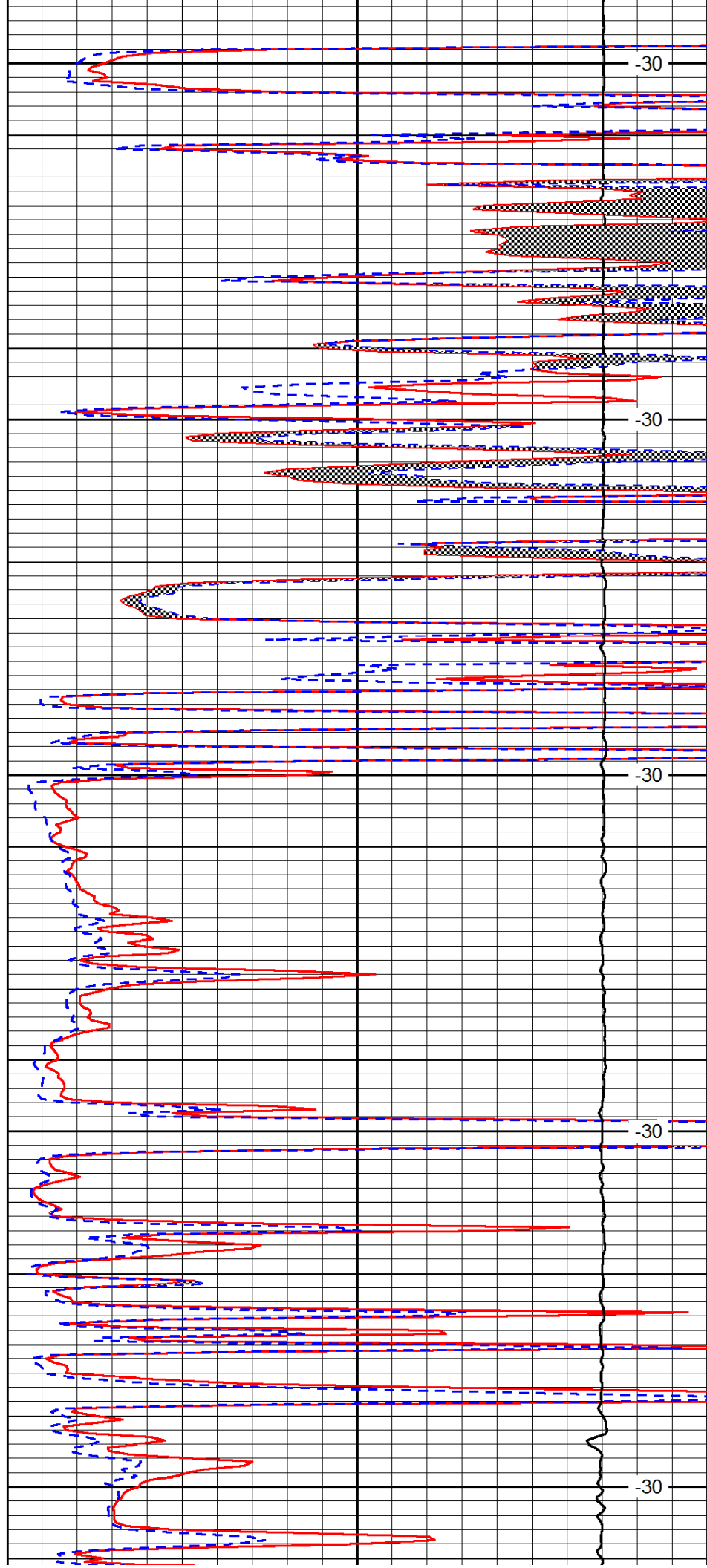
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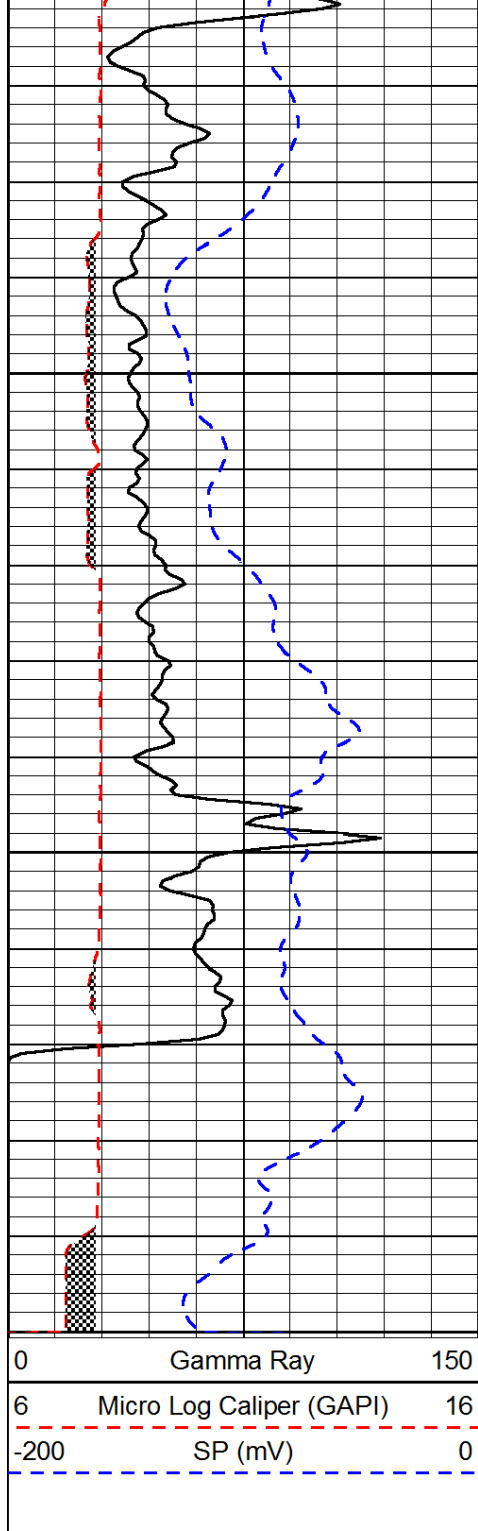
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5000

5050

5100

