



Pioneer Energy Services

# Microresistivity Log

15-101-22,438-00-00

API No.

Company Brito Oil Company, Inc.

Well Stanley-Hineman #1-16

Field

County Lane

State

Kansas

Location

1,650' FNL & 100' FWL

Other Services  
CNL/CDL  
DIL

Sec: 16

Twp: 18S

Rge: 27W

Elevation

K.B. 2699

D.F. 2694

G.L. 2694

Permanent Datum Ground Level Elevation 2694  
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

Date 5/27/2013

Run Number Two

Depth Driller 4680

Depth Logger 4678

Bottom Logged Interval 4677

Top Log Interval 3600

Casing Driller 8.625 @ 255

Casing Logger 253

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5100

Density / Viscosity 9.0 53

pH / Fluid Loss 9.5 8.4

Source of Sample Flowline

Rm @ Meas. Temp .50 @ 78

Rmf @ Meas. Temp .38 @ 78

Rmc @ Meas. Temp .68 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT .32 @ 123

Operating Rig Time 4 Hours

Max Rec. Temp. F 123

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By Ken Wallace

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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

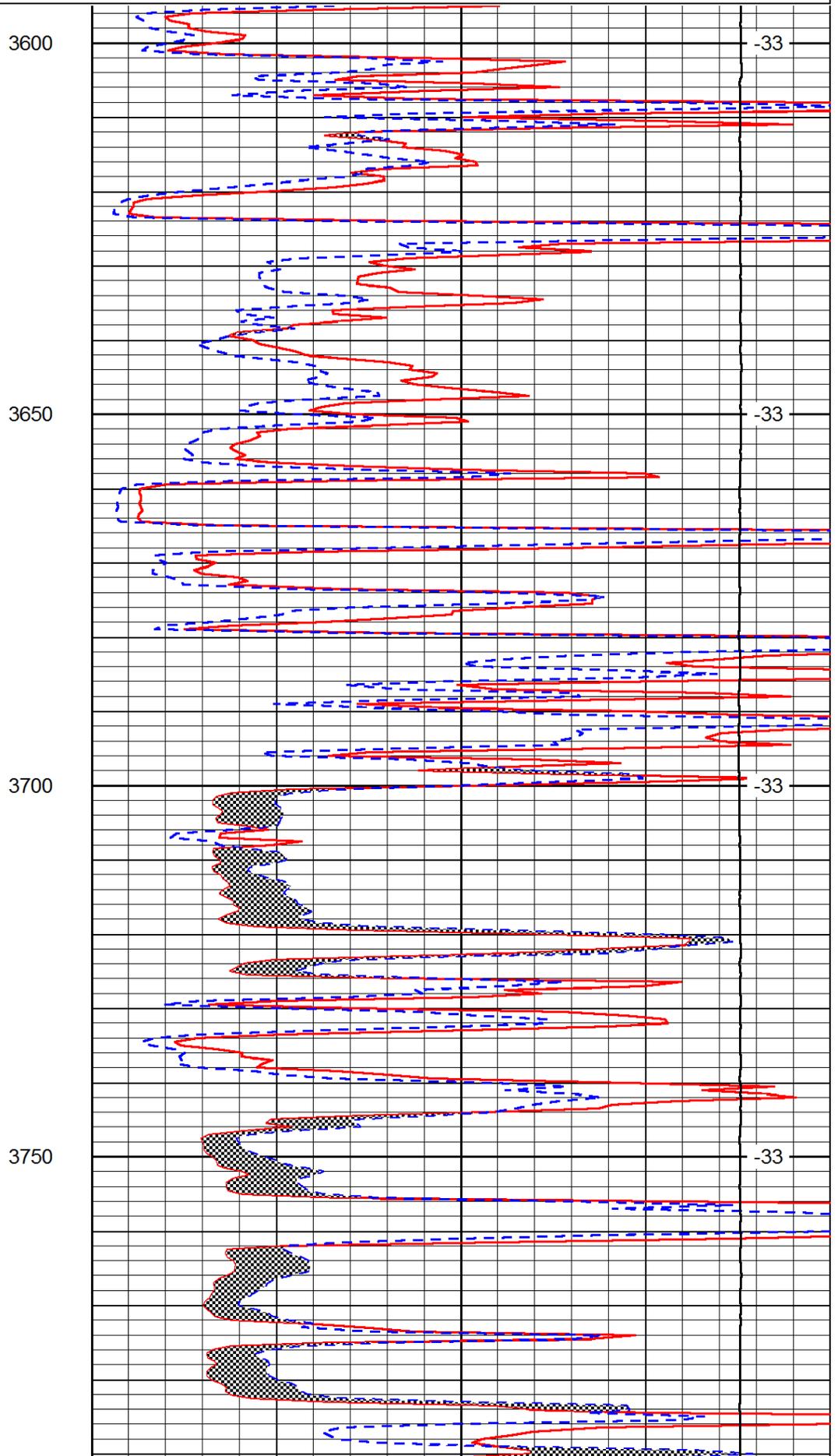
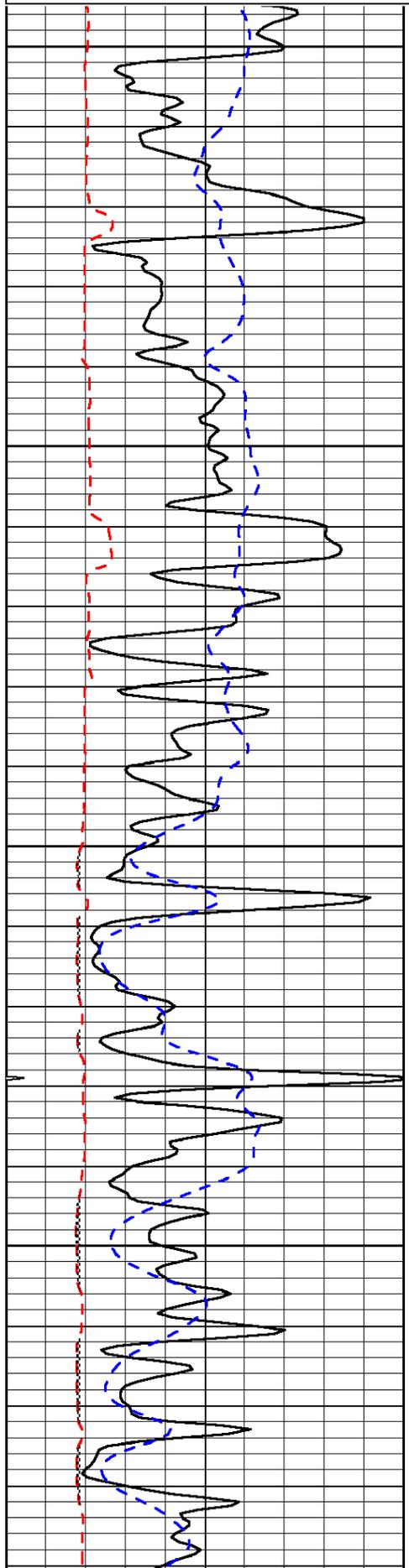
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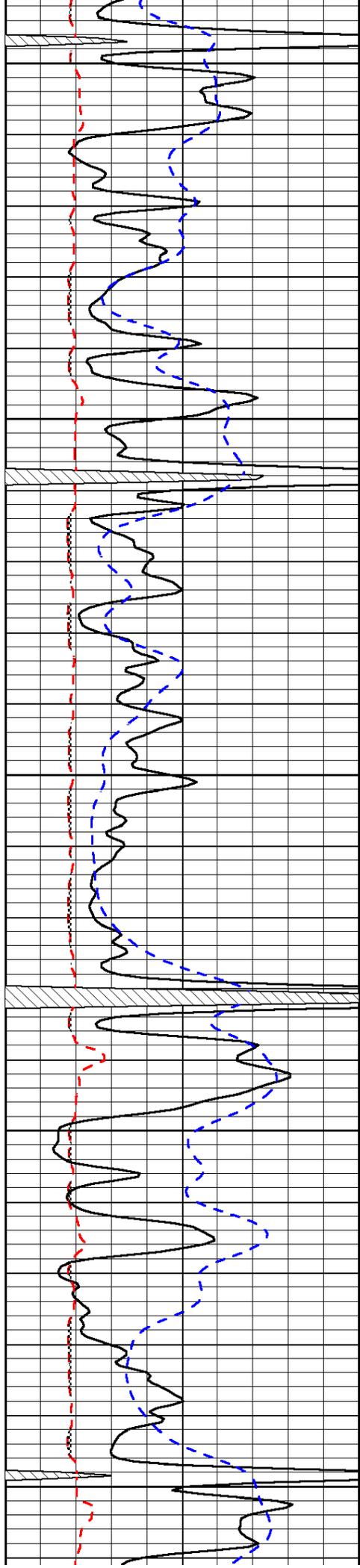
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Presentation Format: micro  
Dataset Creation: Mon May 27 15:04:05 2013  
Charted by: Depth in Feet scaled 1:240

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

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

LSPD





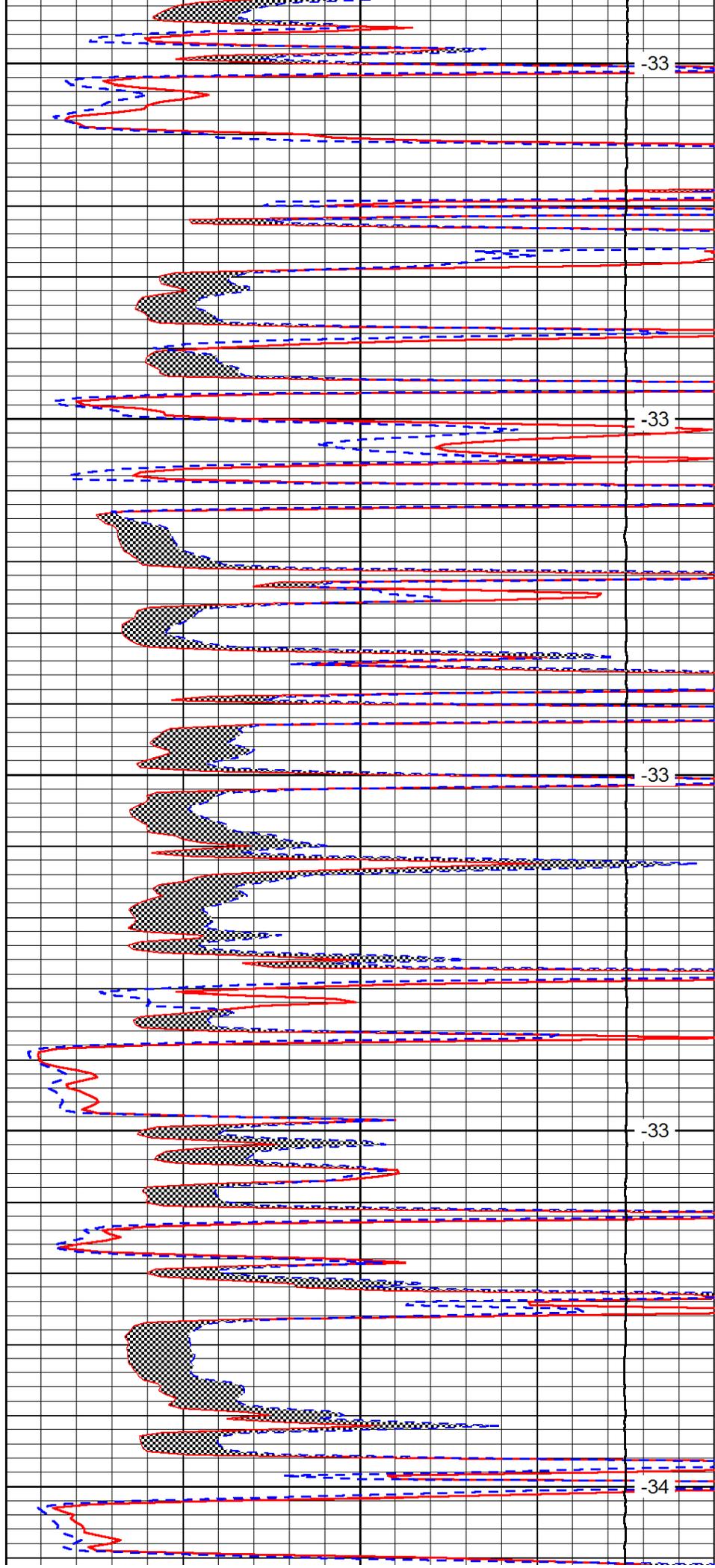
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3850

3900

3950

4000



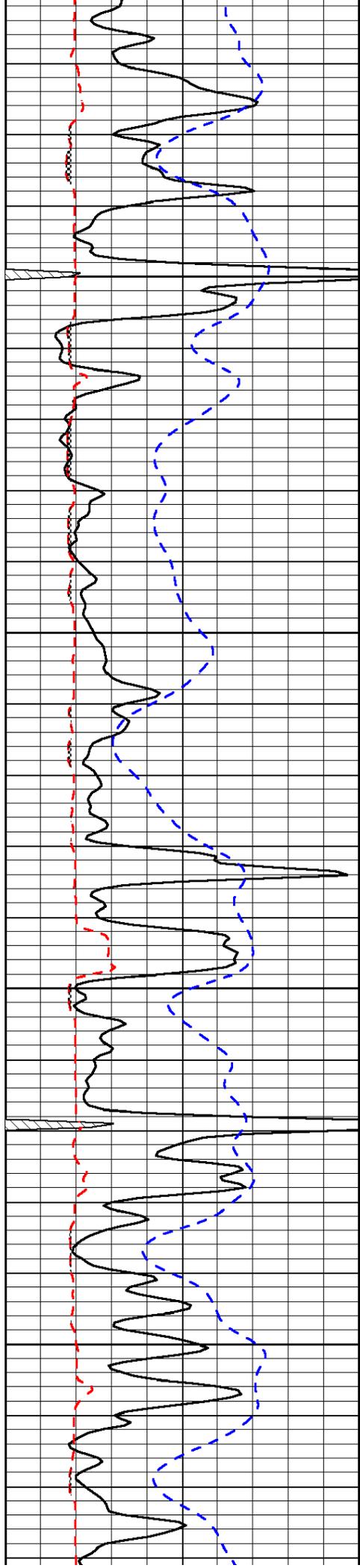
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-33

-33

-33

-34

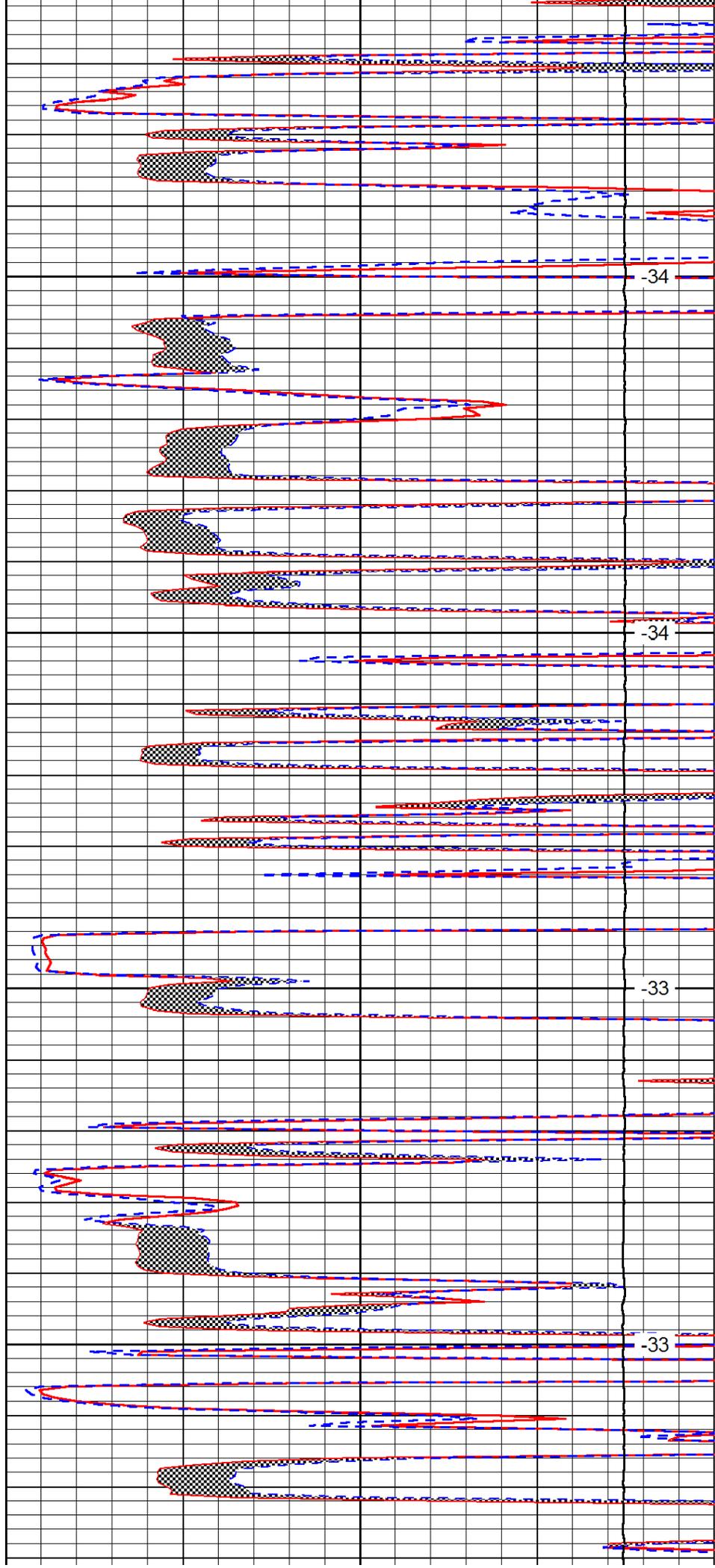


4050

4100

4150

4200

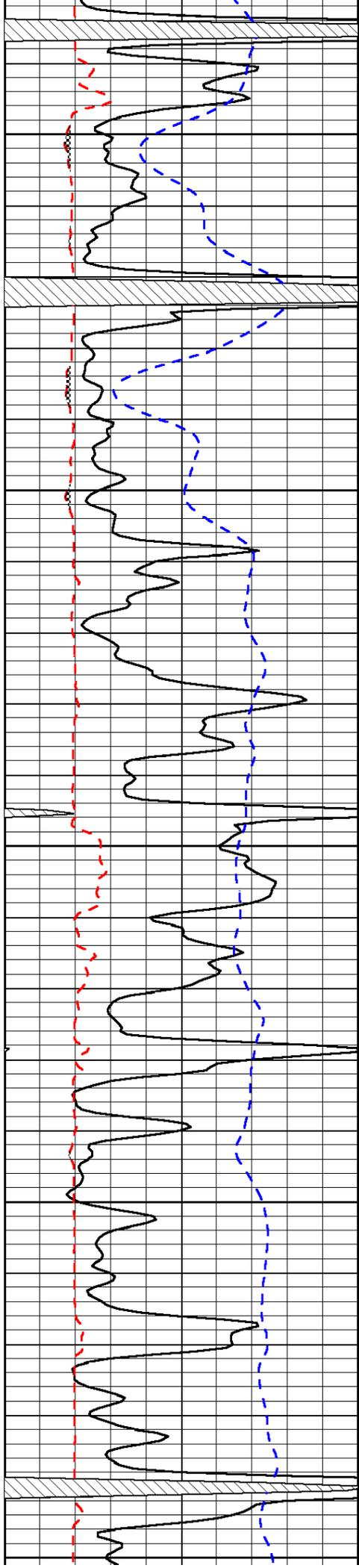


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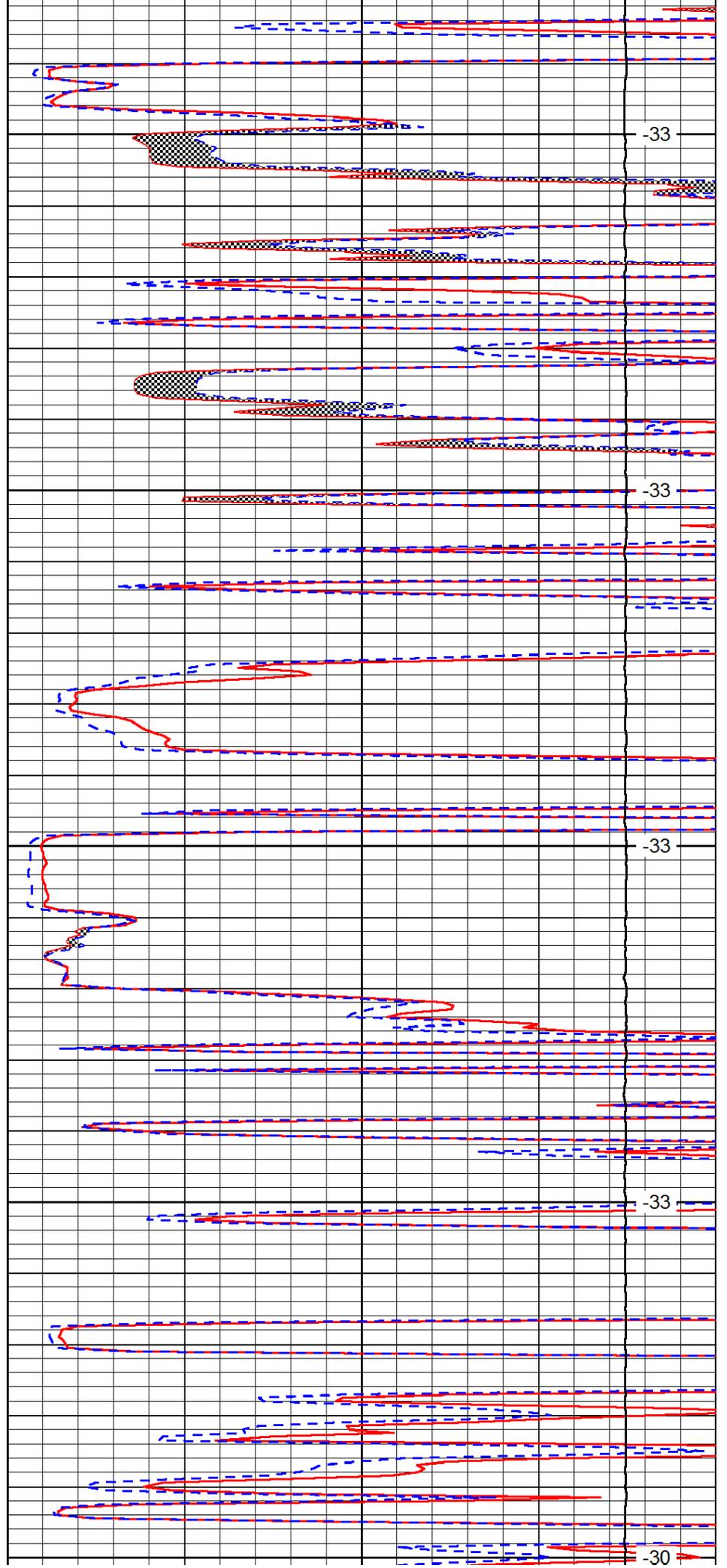
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4350

4400

4450



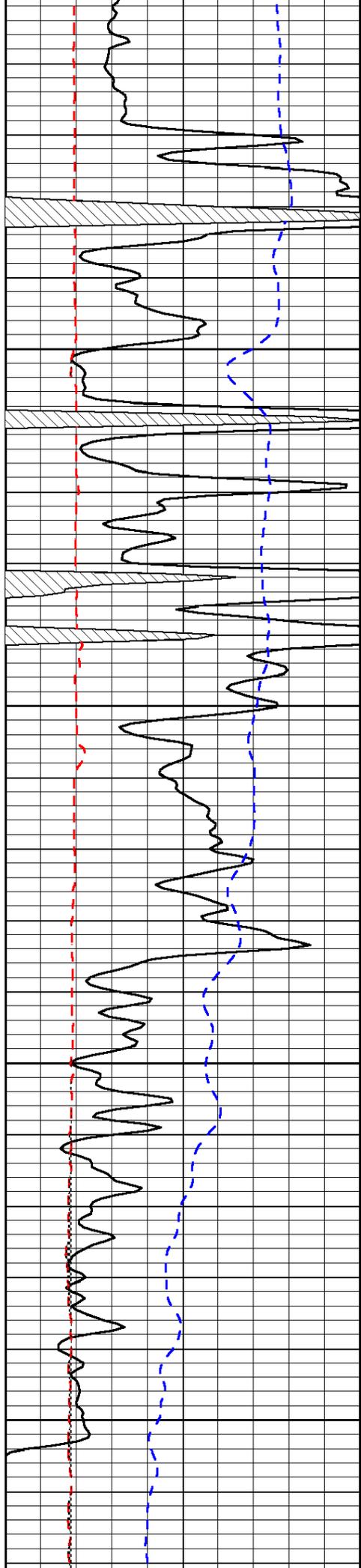
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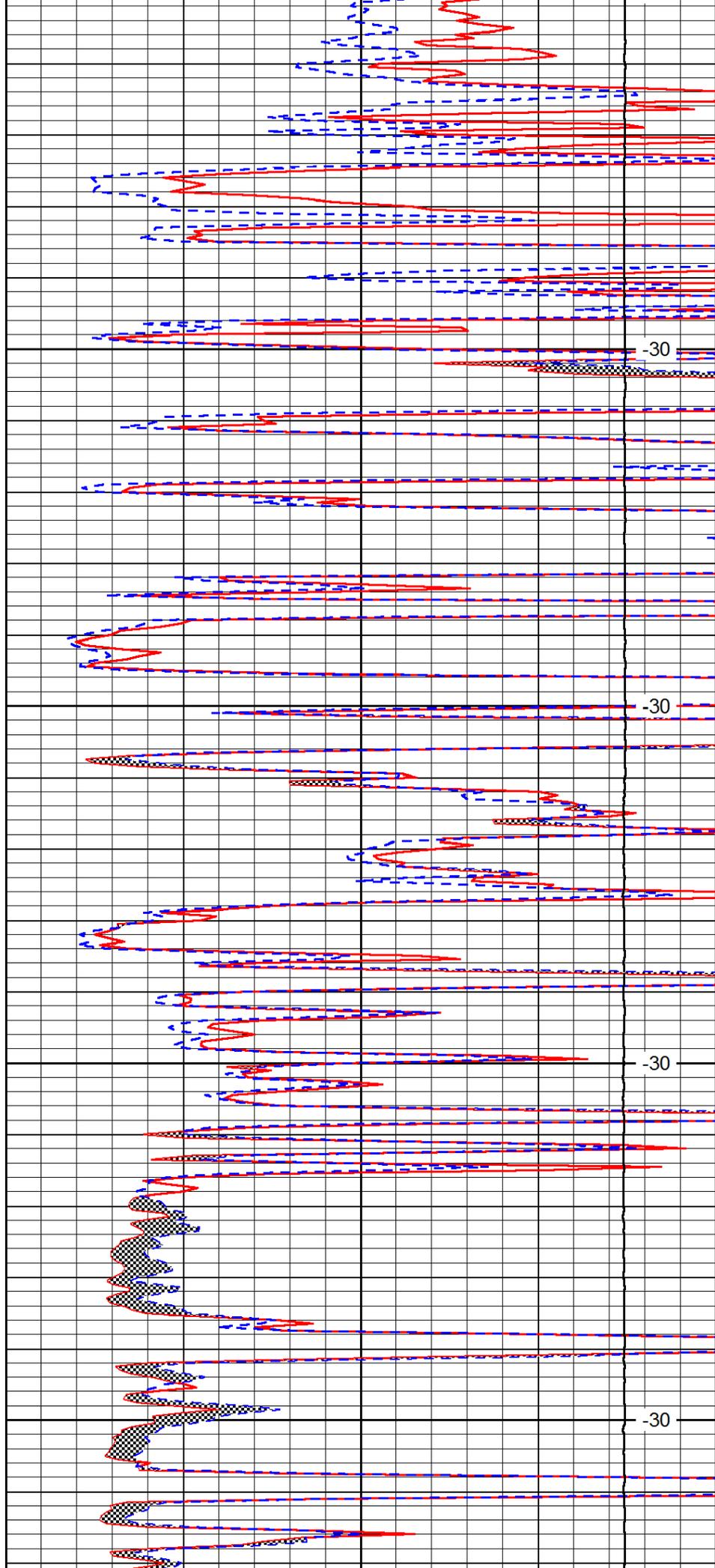


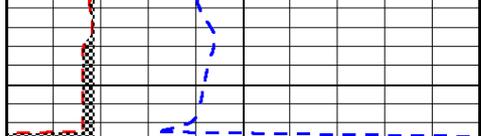
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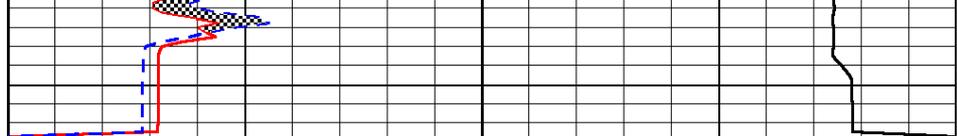




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