



Pioneer Energy Services

# Microresistivity Log

15-151-22427-00-00

API No.

Company **Rama Operating Company, Inc.**

Well **Greenback # 1-27**

Field **Chance**

County **Pratt** State **Kansas**

Location

330' FSL & 2310' FWL

Other Services  
CNL/CDL  
DIL/BHCS

Sec: **27** Twp: **26 S** Rge: **13 W**

Permanent Datum

Ground Level

Elevation 1944

Log Measured From

Kelly Bushing 13 Ft. Above Perm. Datum

K.B. 1957  
D.F. 1944  
G.L. 1944

Drilling Measured From

Kelly Bushing

Date

11/27/2013

Run Number

Two

Depth Driller

4430

Depth Logger

4428

Bottom Logged Interval

4427

Top Log Interval

3400

Casing Driller

13.375 @ 275

Casing Logger

274

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5000

Density / Viscosity

9.4 66

pH / Fluid Loss

9.5 8.0

Source of Sample

Flowline

Rm @ Meas. Temp

0.49 @ 40

Rmf @ Meas. Temp

0.36 @ 40

Rmc @ Meas. Temp

0.66 @ 40

Source of Rmf / Rmc

Charts

Rm @ BHT

0.16 @ 122

Operating Rig Time

6 Hours

Max Rec. Temp. F

122

Equipment Number

91

Location

Hays

Recorded By

Y. Ruiz

Witnessed By

Josh Austin

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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

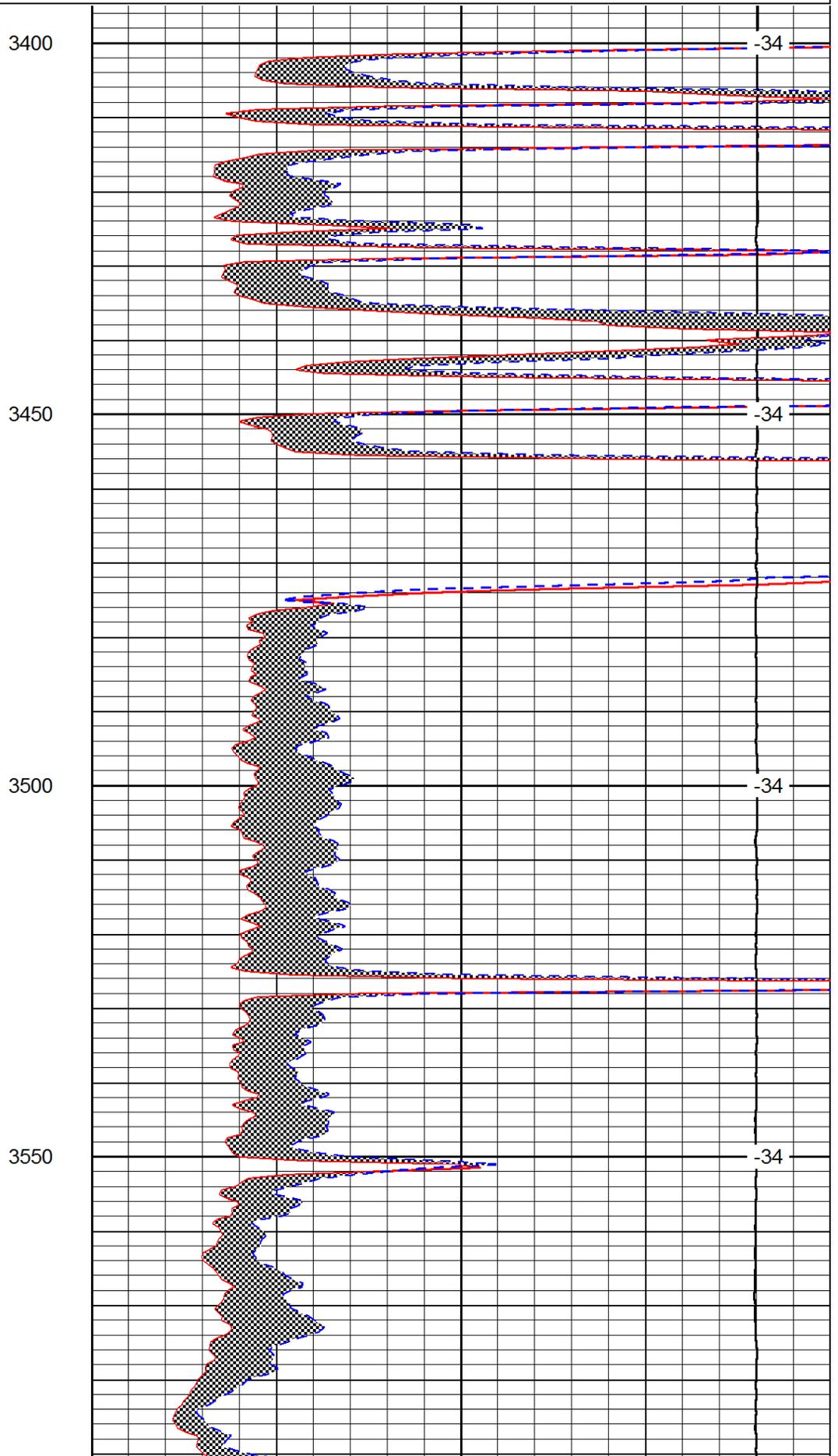
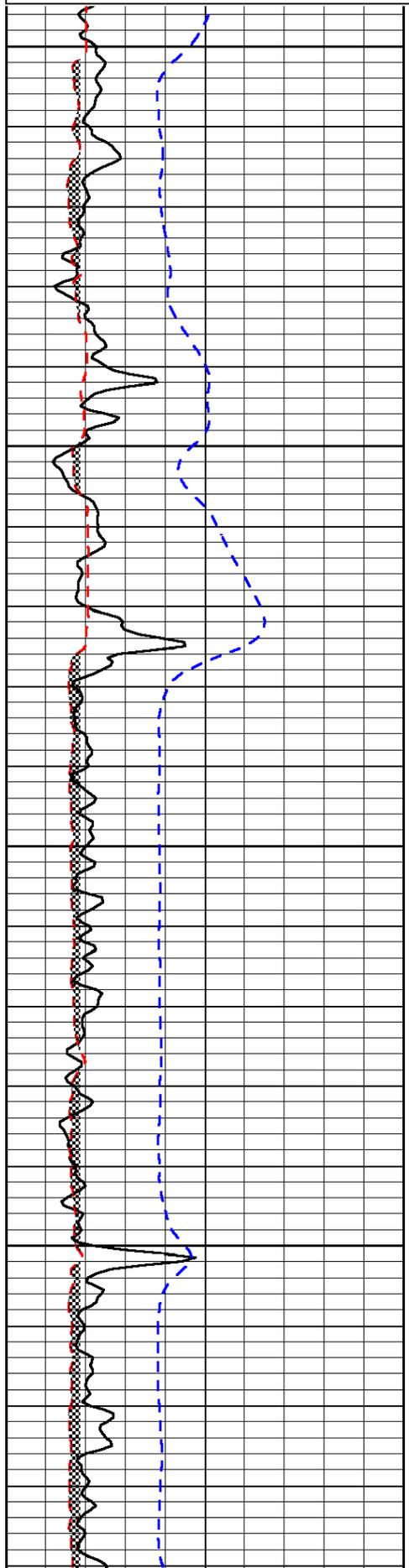
Thank you for using Pioneer Energy Services  
[www.pioneerenergy.com](http://www.pioneerenergy.com)  
 785 625 3858  
 luka,  
 1 North to 70 St, 1/4 East,  
 North and East into

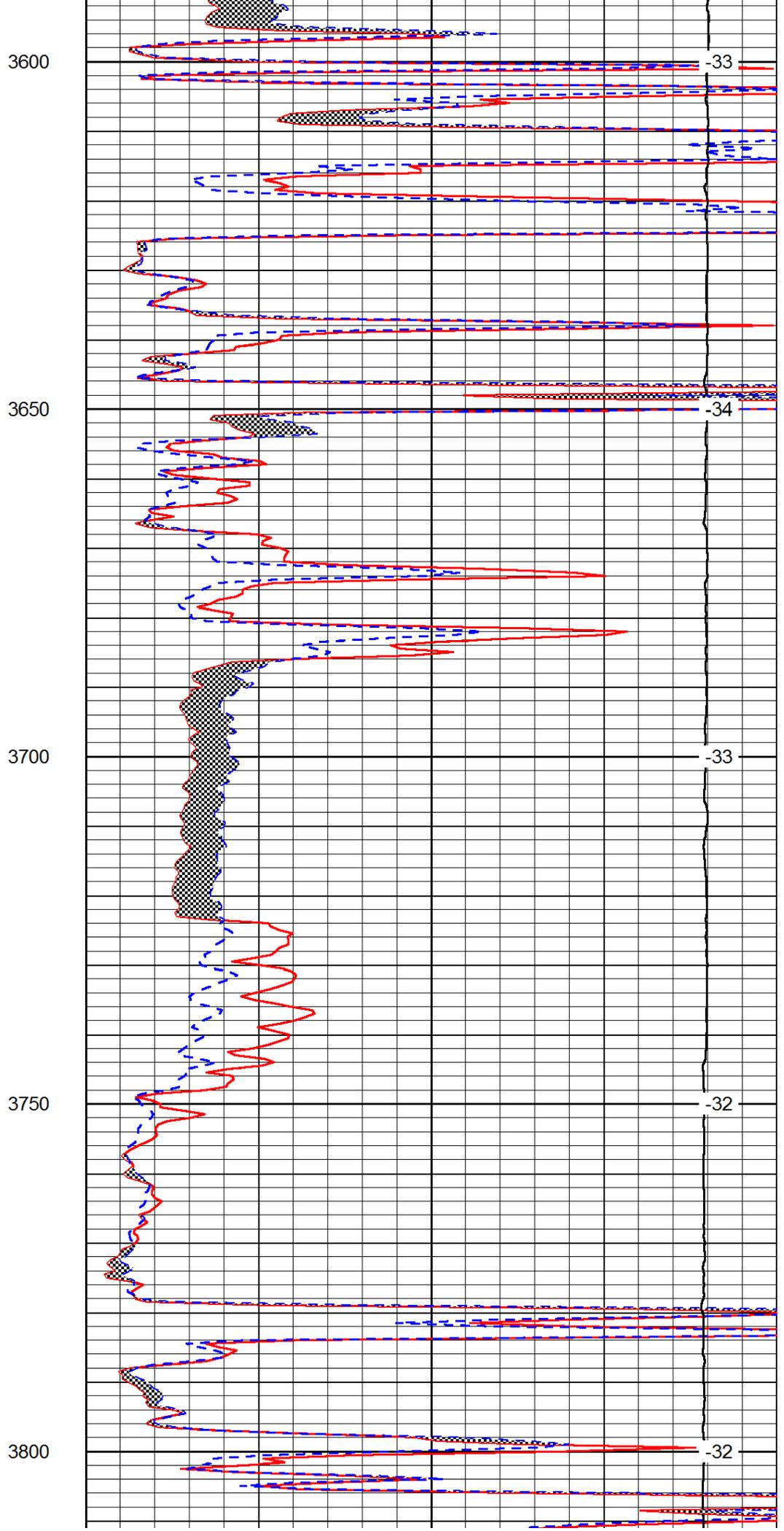
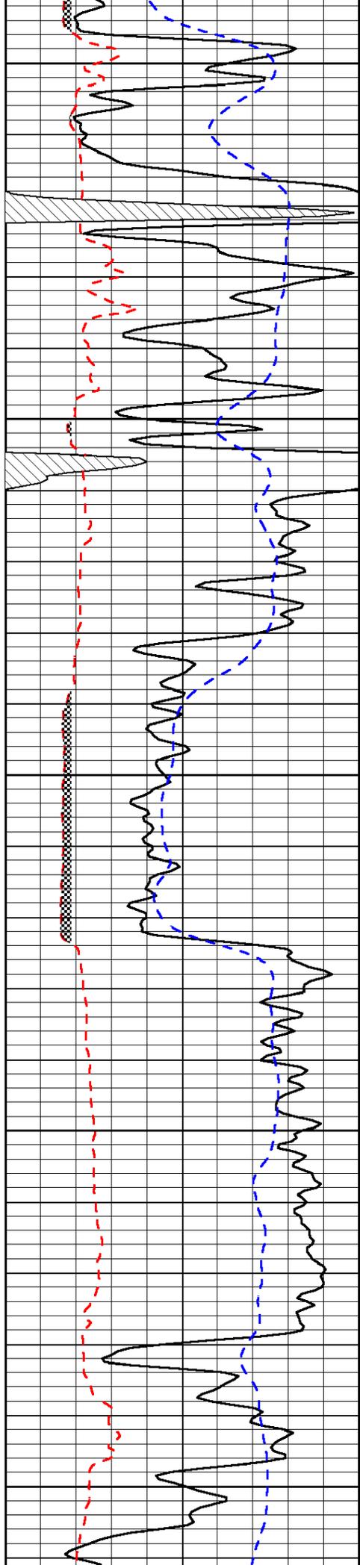
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 Presentation Format: micro  
 Dataset Creation: Wed Nov 27 19:31:39 2013  
 Charted by: Depth in Feet scaled 1:240

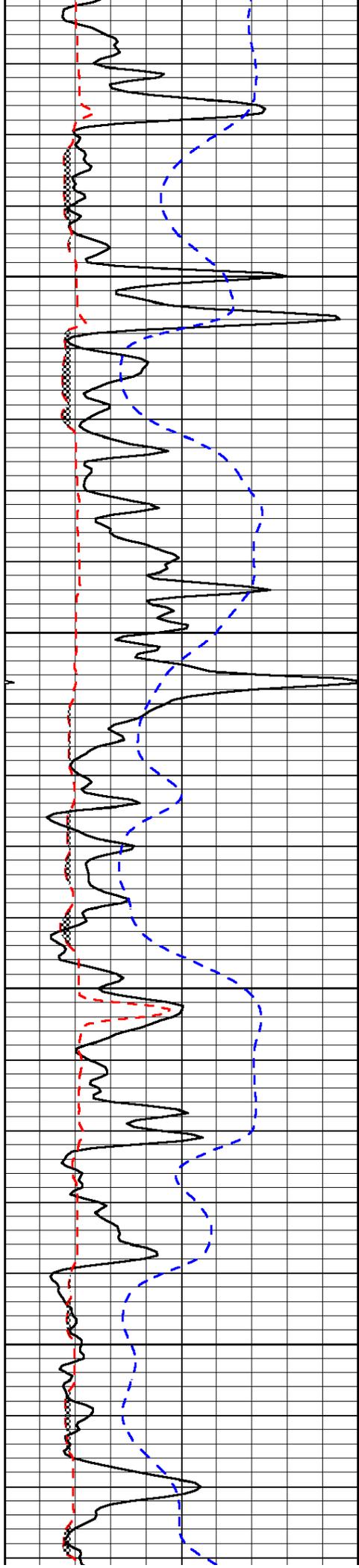
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

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

LSPD





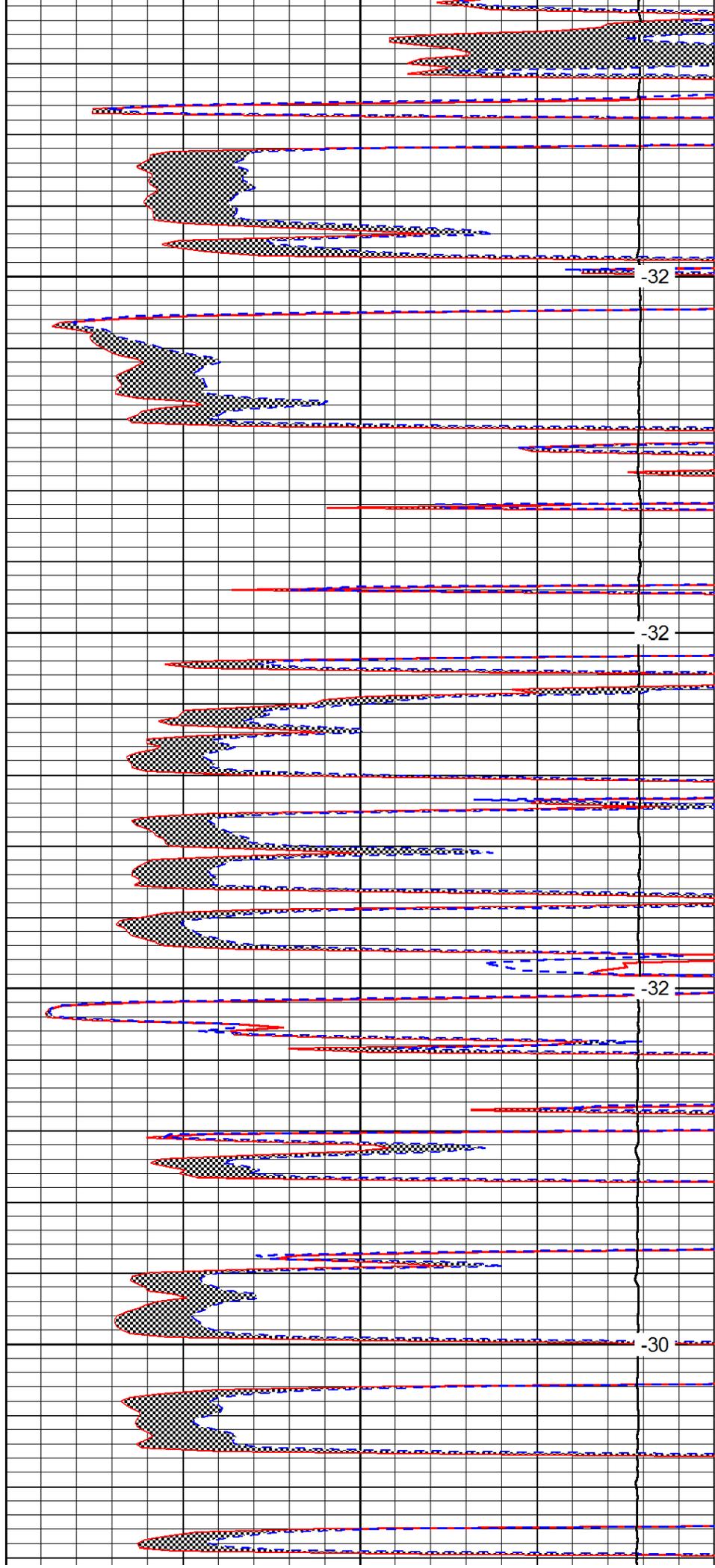


3850

3900

3950

4000

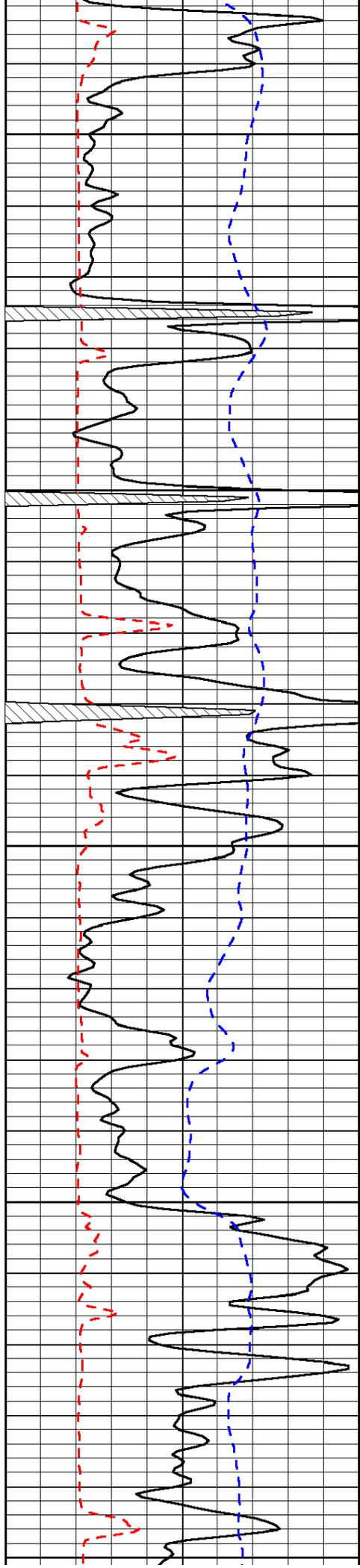


-32

-32

-32

-30



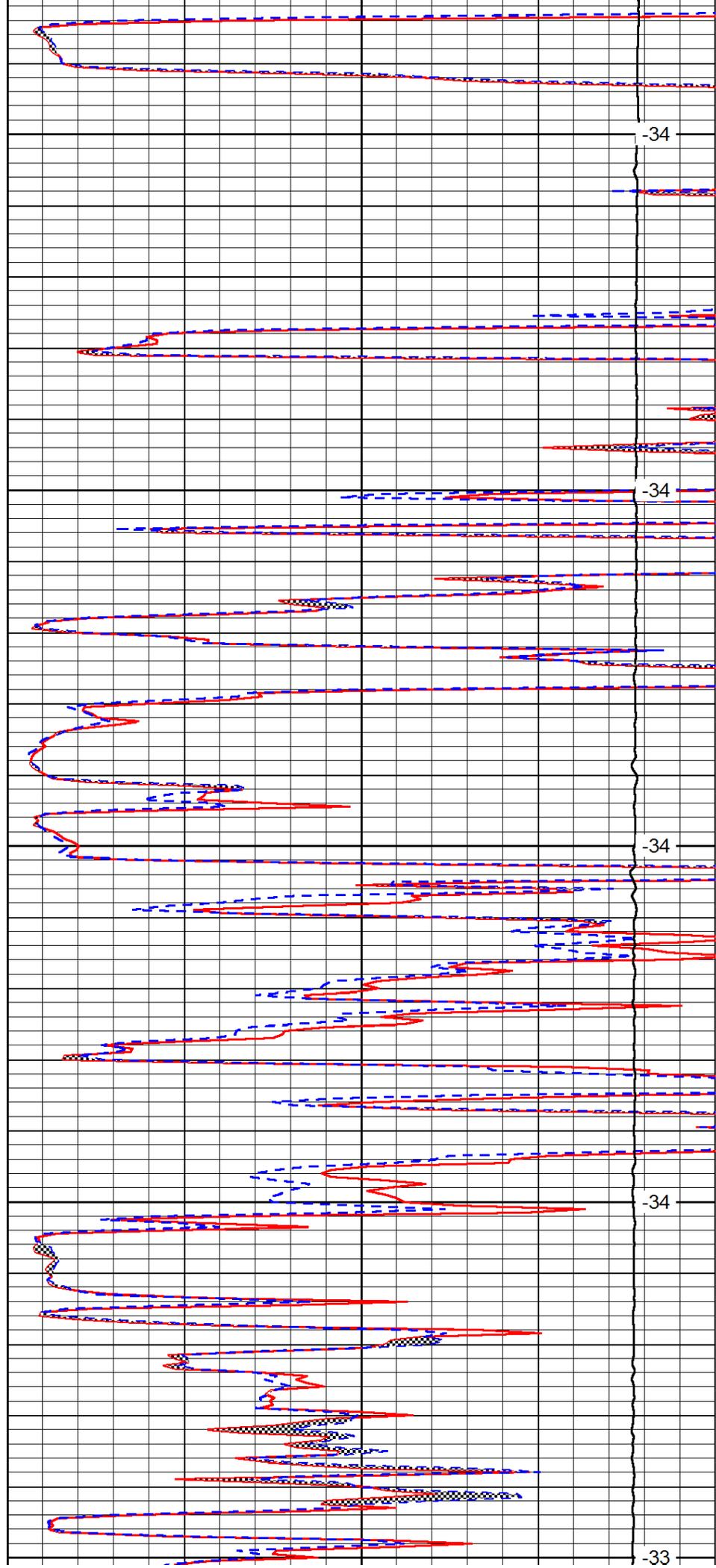
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4200

4250



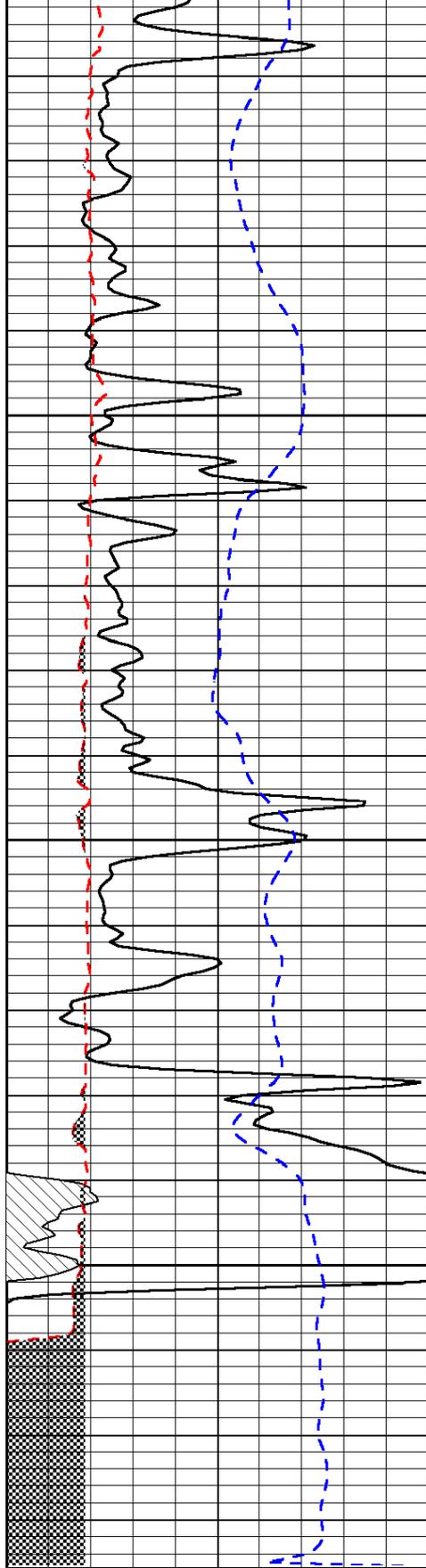
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-33

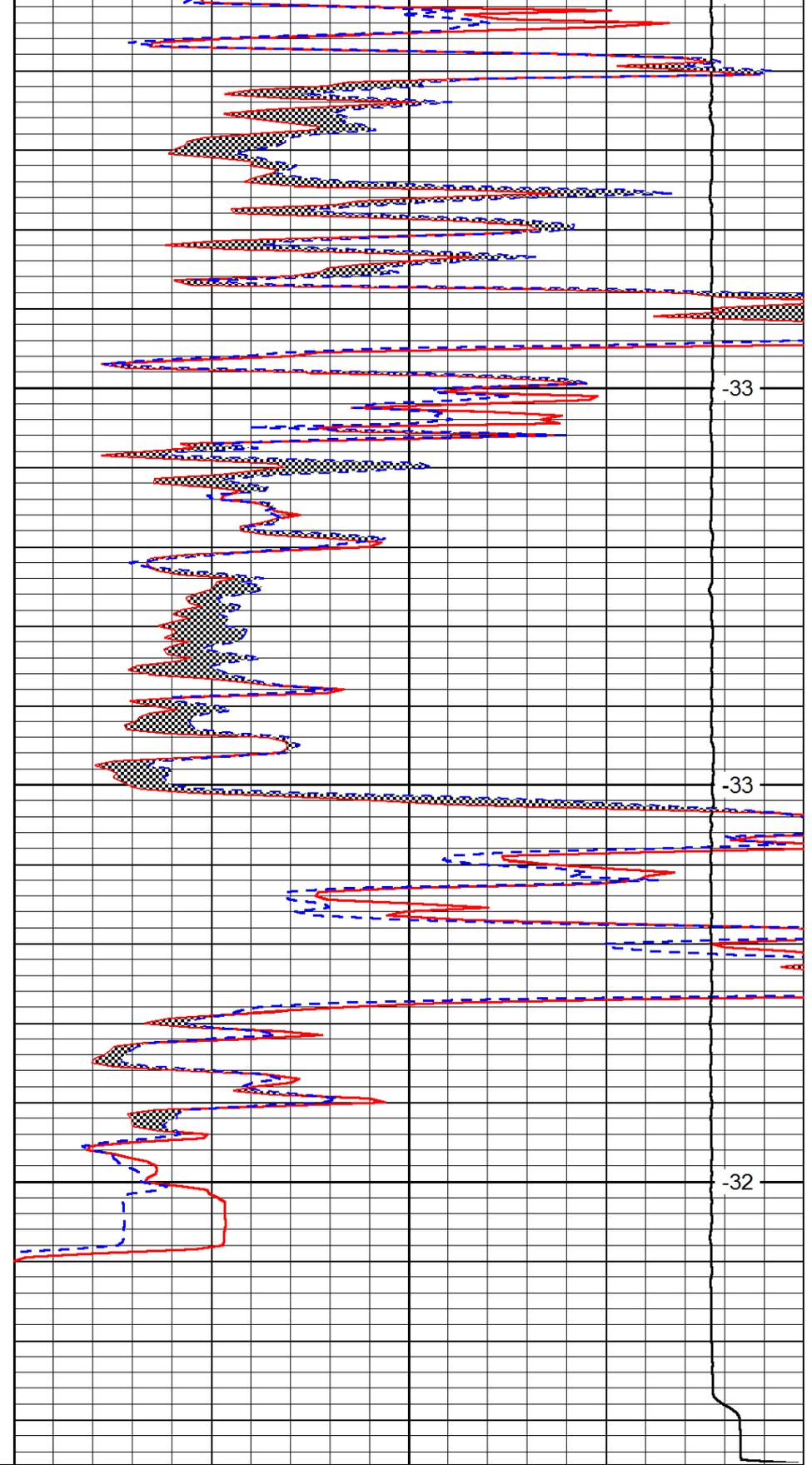


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4300

4350

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