



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-055-22140-00-00

Company PetroSantander (USA) Inc.

Well Foster #1-18R

Field Christabelle (Morrow) Unit

County Finney State Kansas

Location

NE SW NW NW
728' FNL / 528' FWL

Other Services
CNL / CDL
DIL

Sec: 18

Twp: 21S

Rge: 34W

Elevation

Permanent Datum Ground Level

K.B. 3074
D.F. 3061
G.L. 3061

Elevation 3061

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Date

5/11/2012

Run Number

Two

Depth Driller

5000

Depth Logger

4990

Bottom Logged Interval

4989

Top Log Interval

3500

Casing Driller

8.625 @ 505

Casing Logger

516

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

3400

Density / Viscosity

9.2 54

pH / Fluid Loss

10.0 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.54 @ 76

Rmf @ Meas. Temp

0.41 @ 76

Rmc @ Meas. Temp

0.73 @ 76

Source of Rmf / Rmc

Charts

Rm @ BHT

0.33 @ 126

Operating Rig Time

5 Hours

Max Rec. Temp. F

126

Equipment Number

15

Location

Hays

Recorded By

R. Barnhart

Witnessed By

Gordon 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.

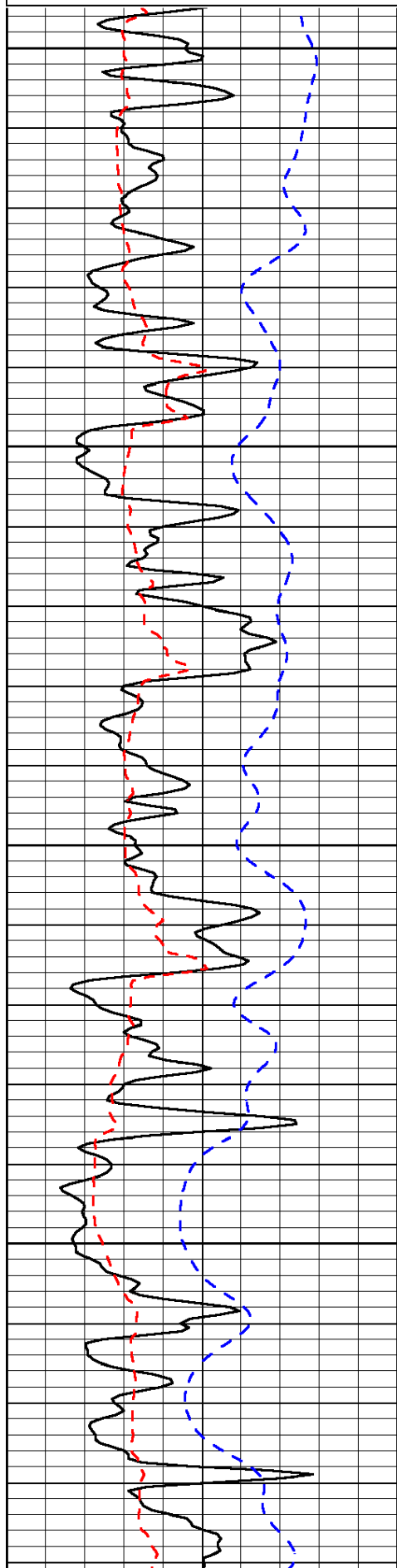
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858

Garden City, KS:
13N to Gano Rd, 11W to Byrd Rd,
3N, 3/4W, S into

Database File: c:\warrior\data\petrosantander_foster #1-18\petrosanhd2.db
Dataset Pathname: dil/ptmain
Presentation Format: micro
Dataset Creation: Sat May 12 00:25:40 2012
Charted by: Depth in Feet scaled 1:240

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

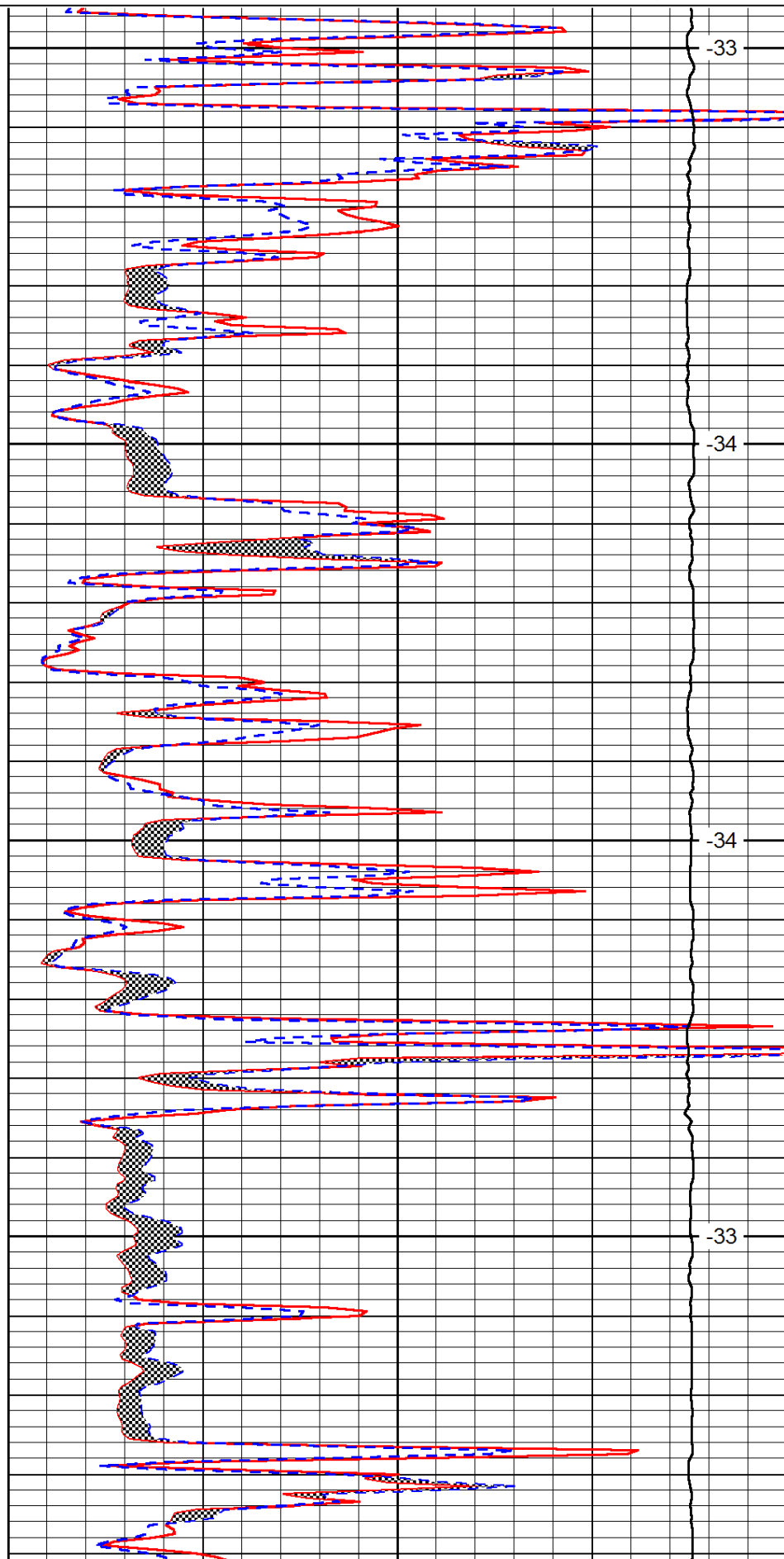


3500

3550

3600

3650

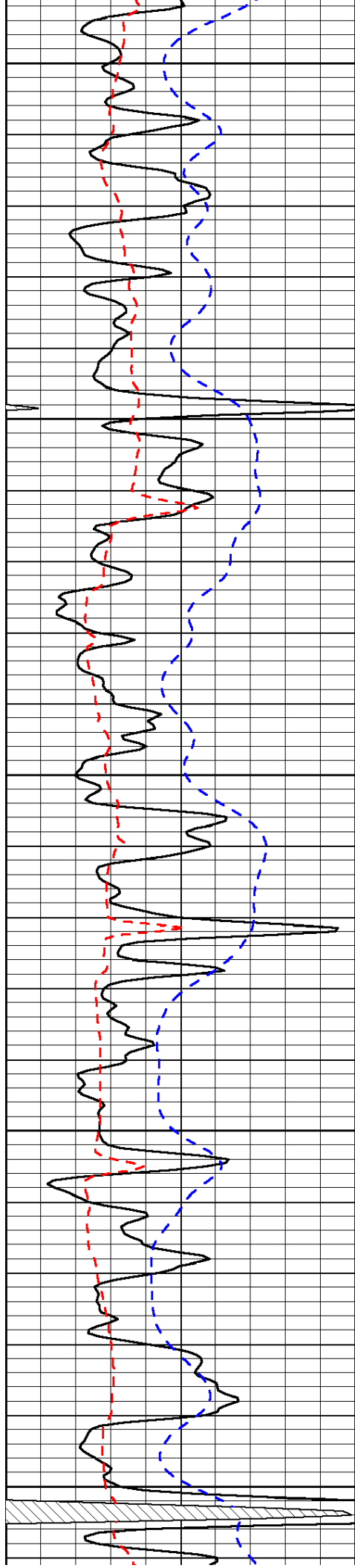


-33

-34

-34

-33



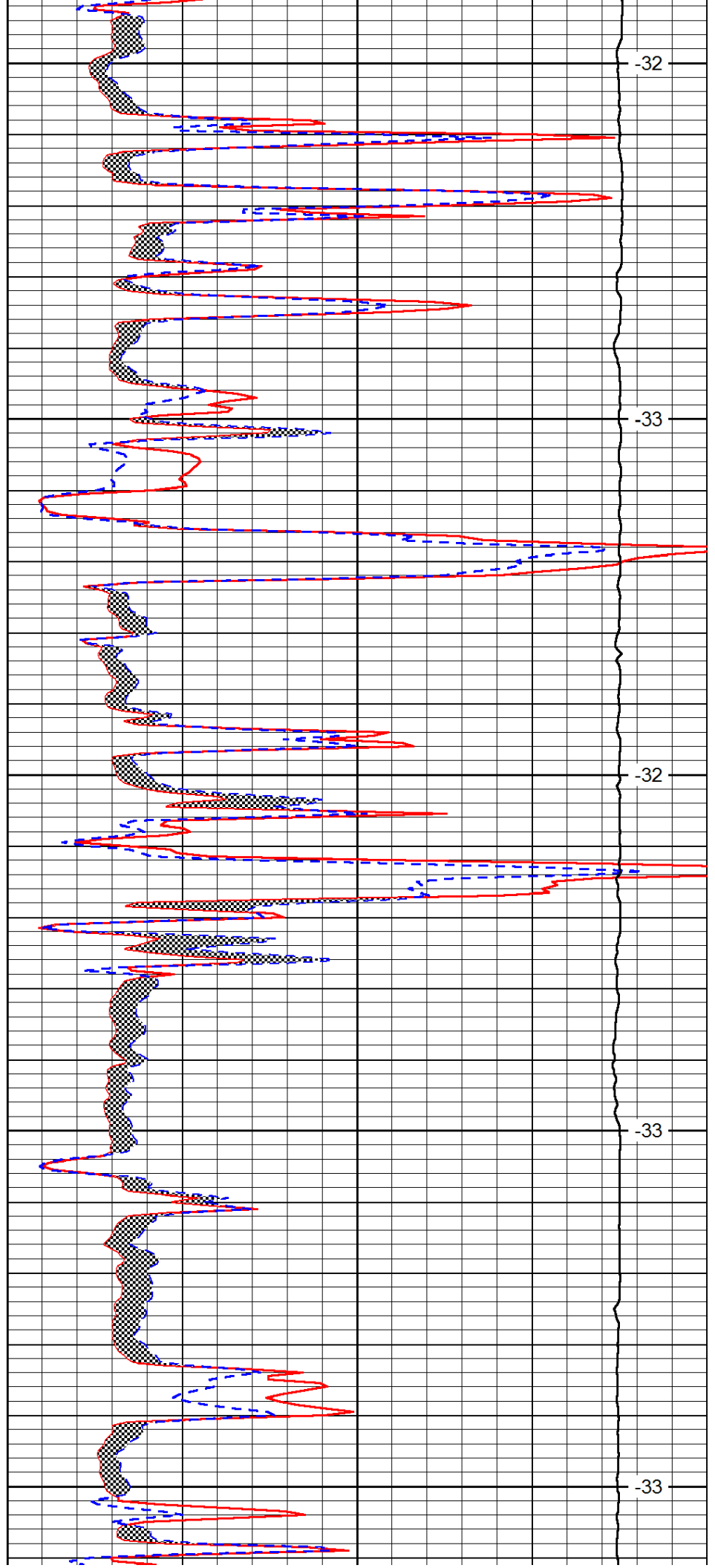
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3750

3800

3850

3900



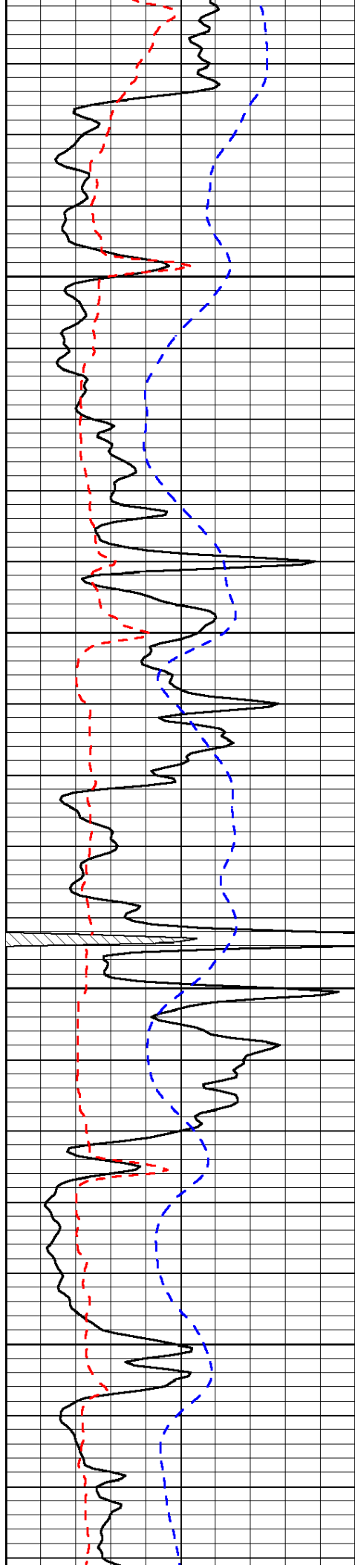
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-33

-32

-33

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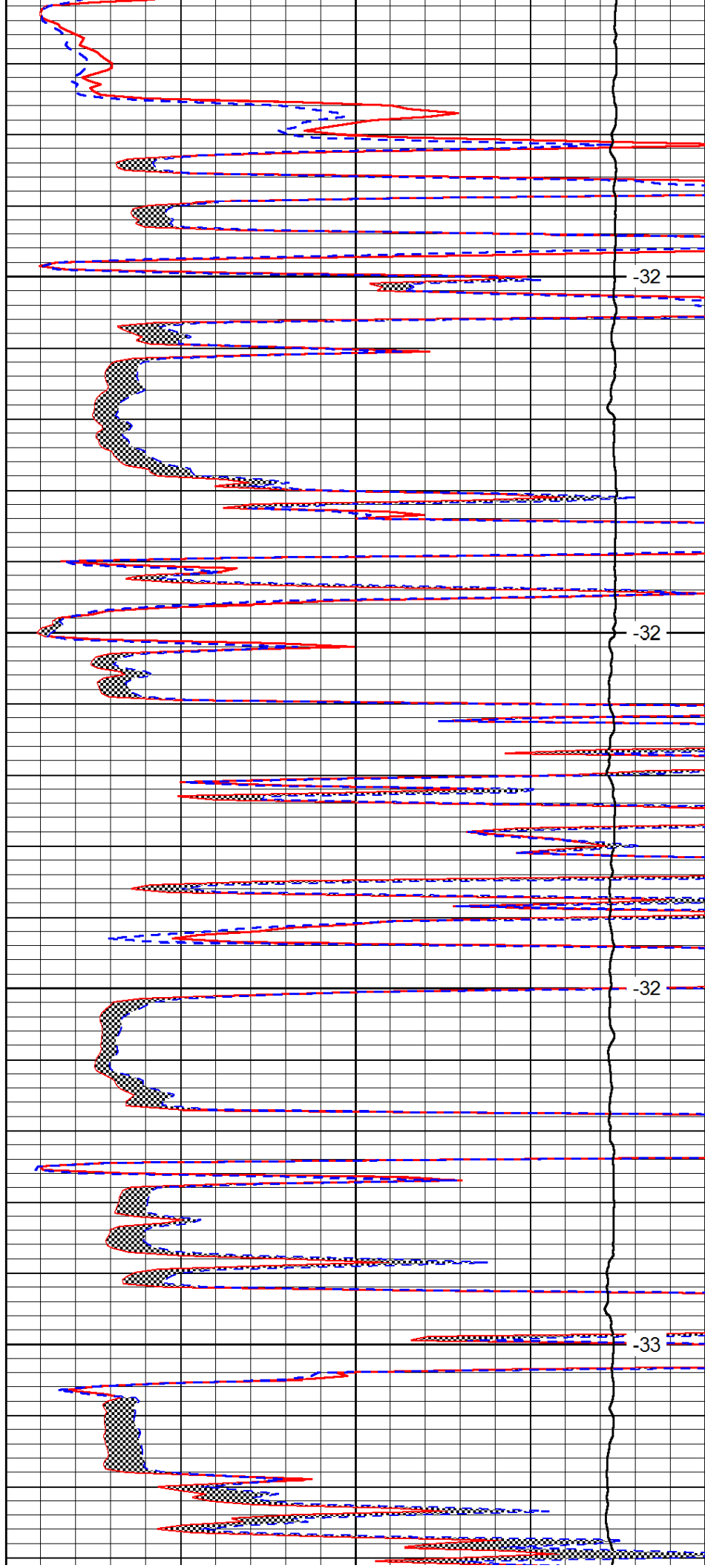


3950

4000

4050

4100

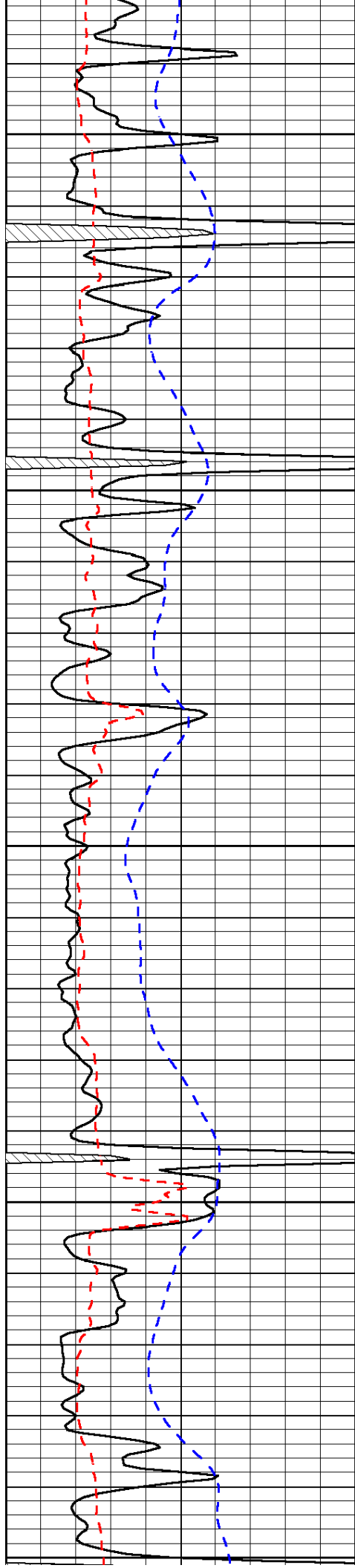


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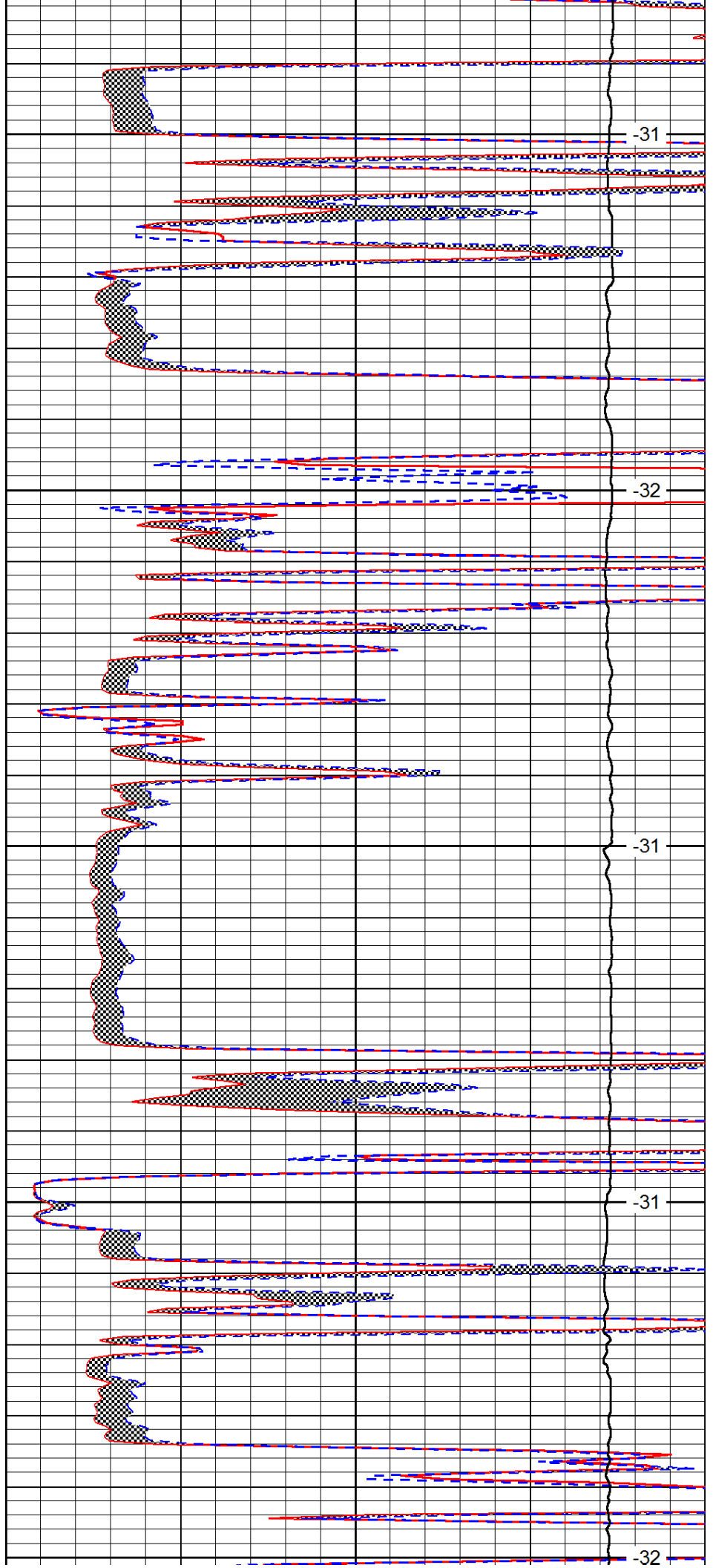
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4200

4250

4300

4350



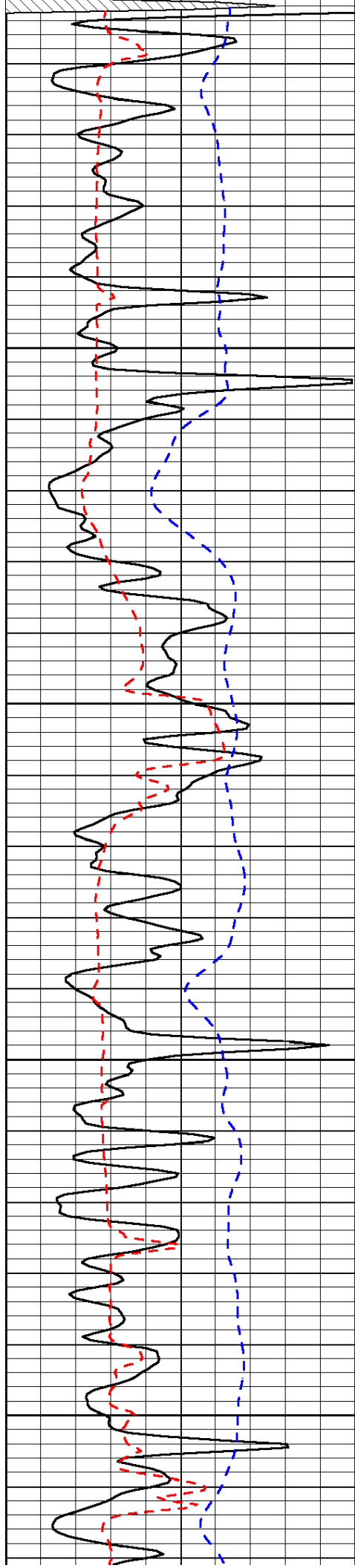
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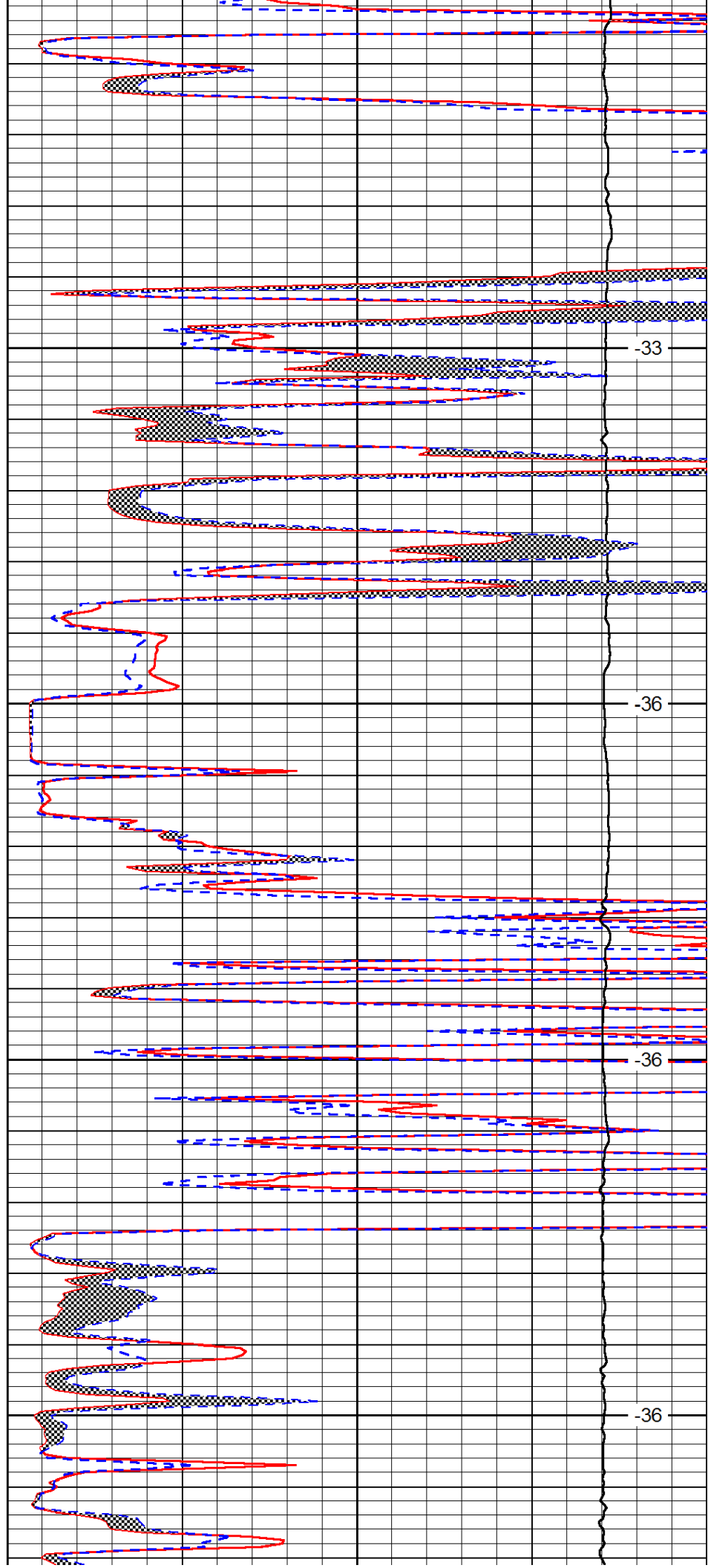


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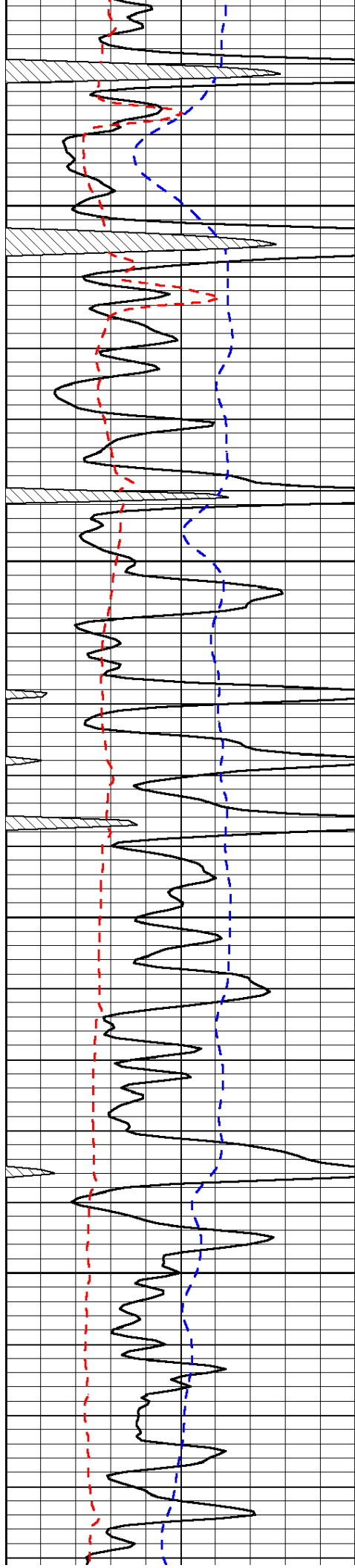


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4600

4650

4700

4750

