



Pioneer Energy Services

Microresistivity Log

API No.

15-007-24166-00-00

Company Val Energy, Inc.

Well Talbott #8-9

Field Schupbach Southwest

County Barber State

Kansas

Location 660' FSL & 660' FEL

Sec: 9 Twp: 34S Rge: 11W

Other Services
CNL/CDL
DIL

Elevation

K.B. 1348
D.F. 1337
G.L. 1337

Permanent Datum Ground Level Elevation 1337
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date

5/31/2014

Run Number

One

Depth Driller

4799

Depth Logger

4800

Bottom Logged Interval

4799

Top Log Interval

3300

Casing Driller

8.625 @ 225

Casing Logger

223

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4000

Density / Viscosity

9.4 53

pH / Fluid Loss

11.0 9.2

Source of Sample

Flowline

Rm @ Meas. Temp

0.45 @ 80

Rmf @ Meas. Temp

0.34 @ 80

Rmc @ Meas. Temp

0.61 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

0.29 @ 126

Operating Rig Time

3 Hours

Max Rec. Temp. F

126

Equipment Number

91

Location

Hays

Recorded By

D. Schmidt

Witnessed By

Zeb Stewart

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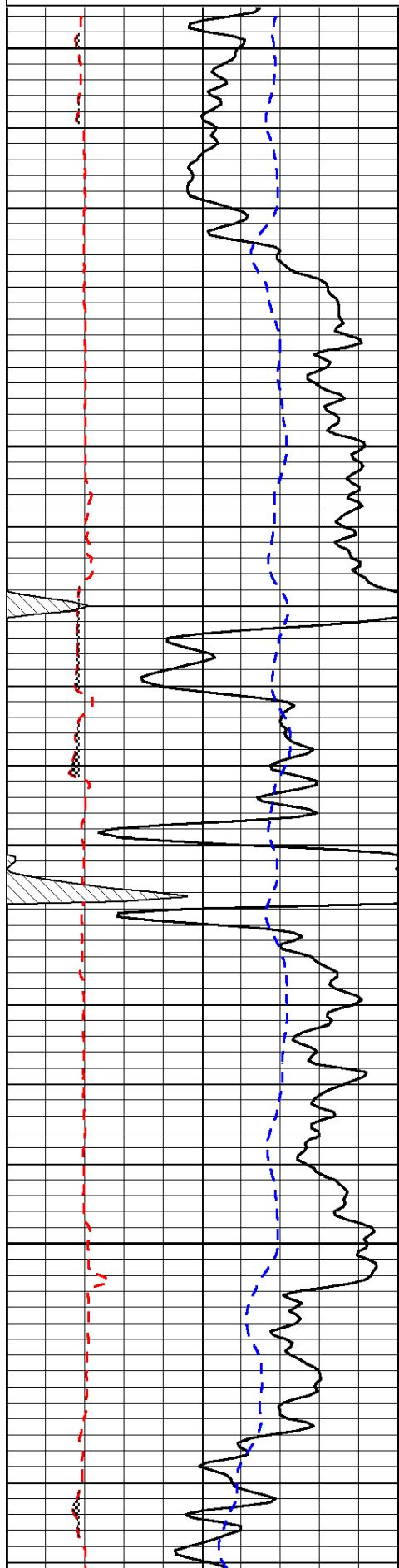
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Medicine Lodge,
South to Scott Canyon Rd, 2 1/2 East,
North into

Database File: c:\warrior\data\val_talbott #8-9\val_talbott_8-9hd.db
Dataset Pathname: dil\vastkml
Presentation Format: micro
Dataset Creation: Sat May 31 13:43:32 2014
Charted by: Depth in Feet scaled 1:240

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

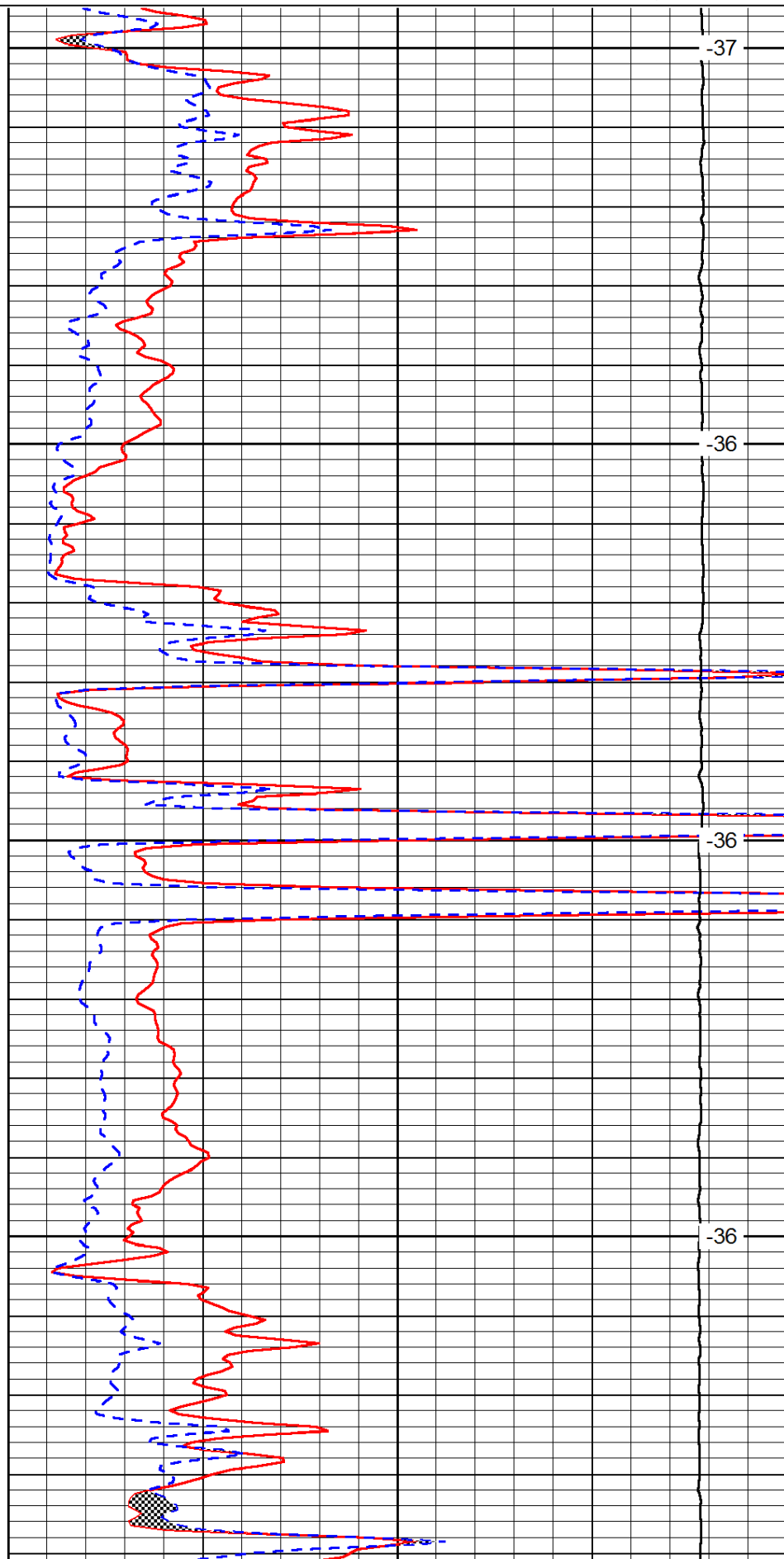


3300

3350

3400

3450



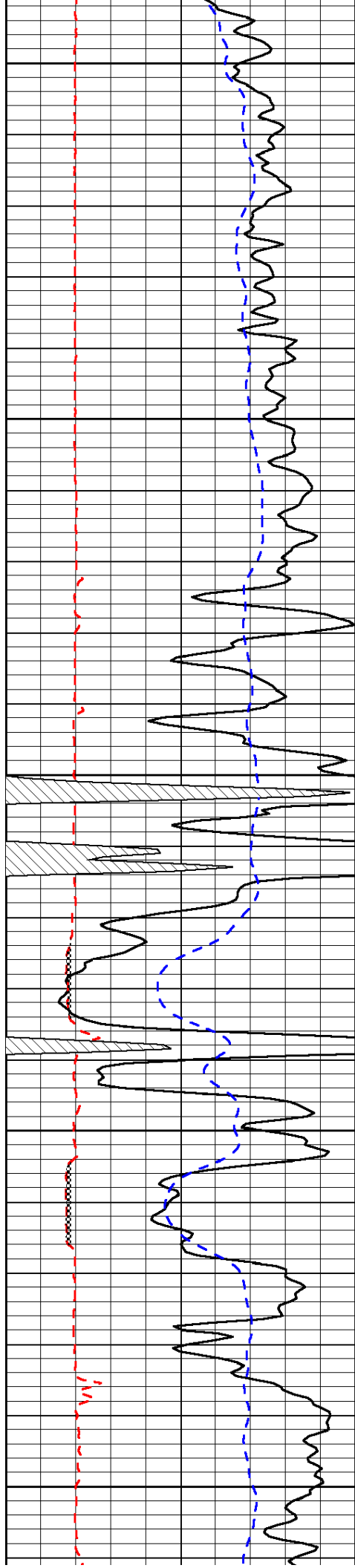
-37

-36

-36

-36

LSPD



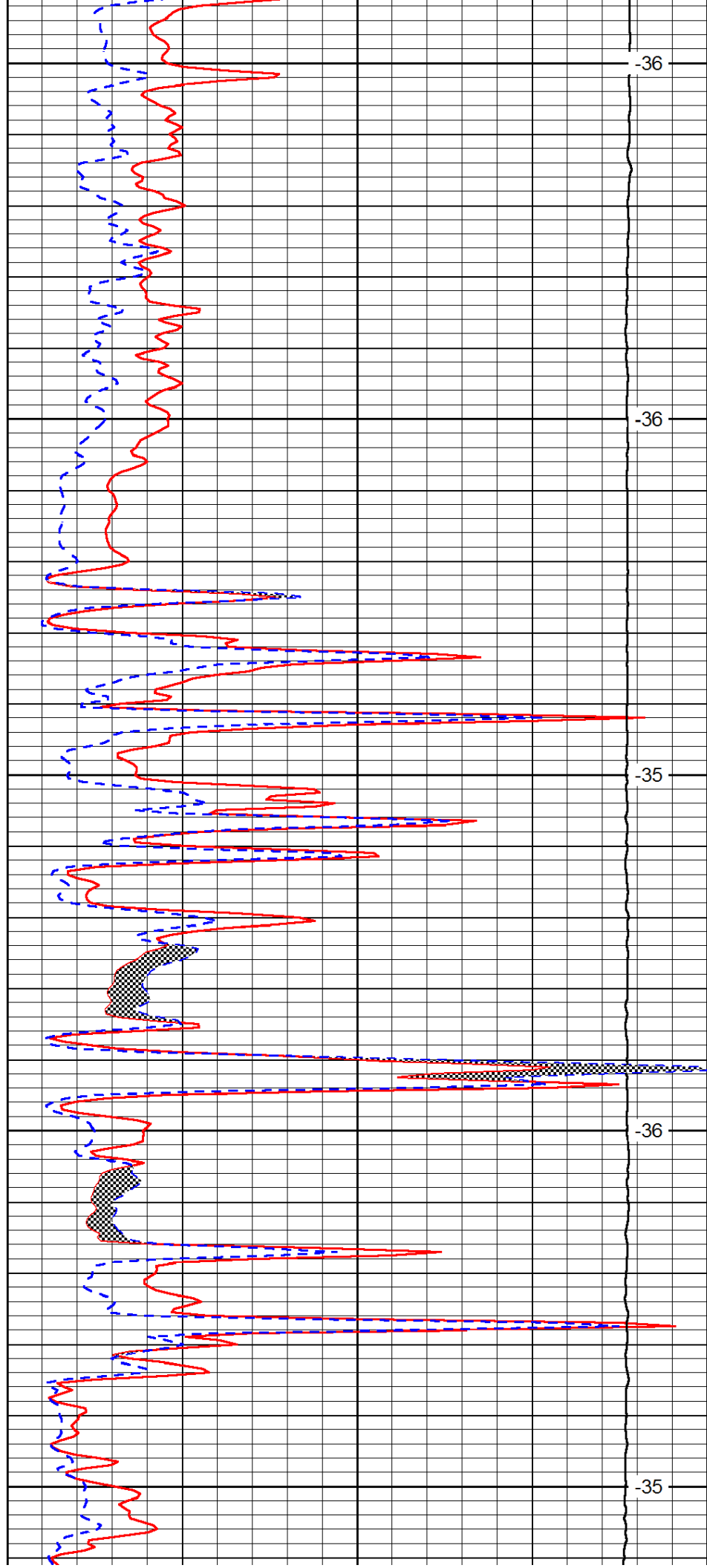
3500

3550

3600

3650

3700



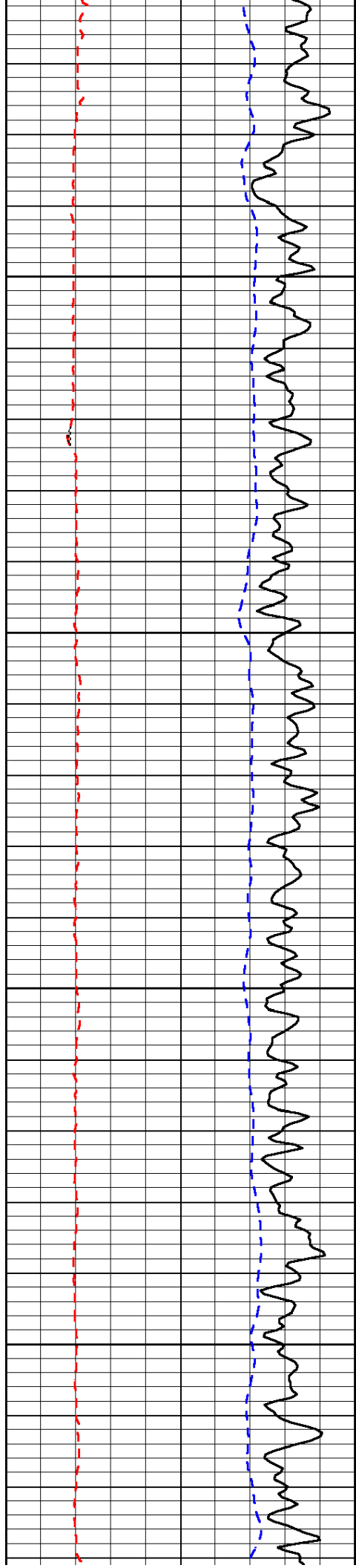
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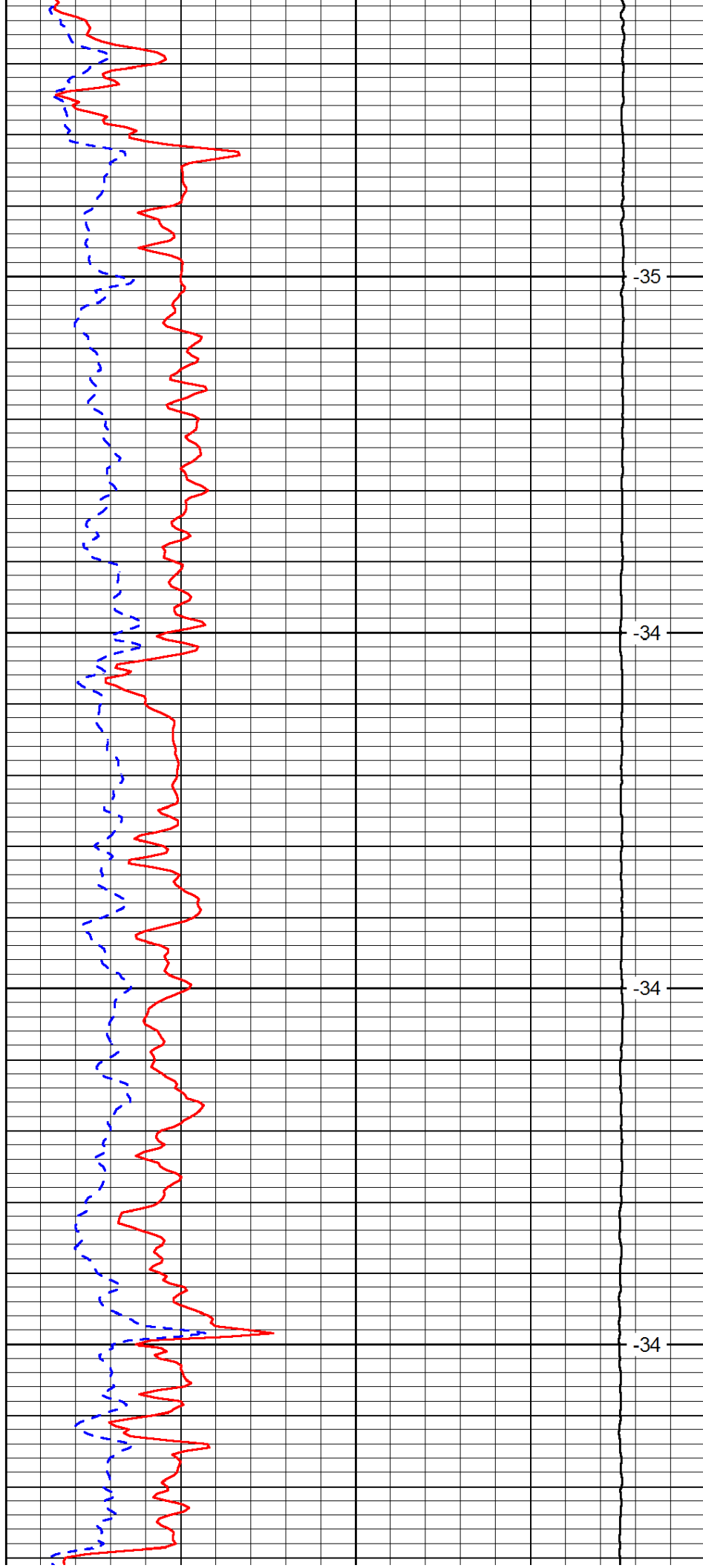


3750

3800

3850

3900

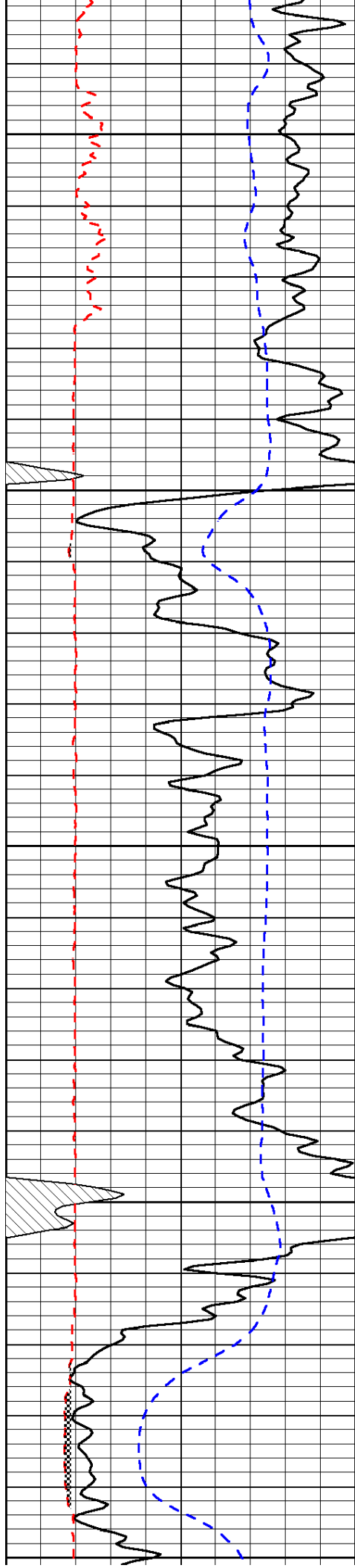


-35

-34

-34

-34



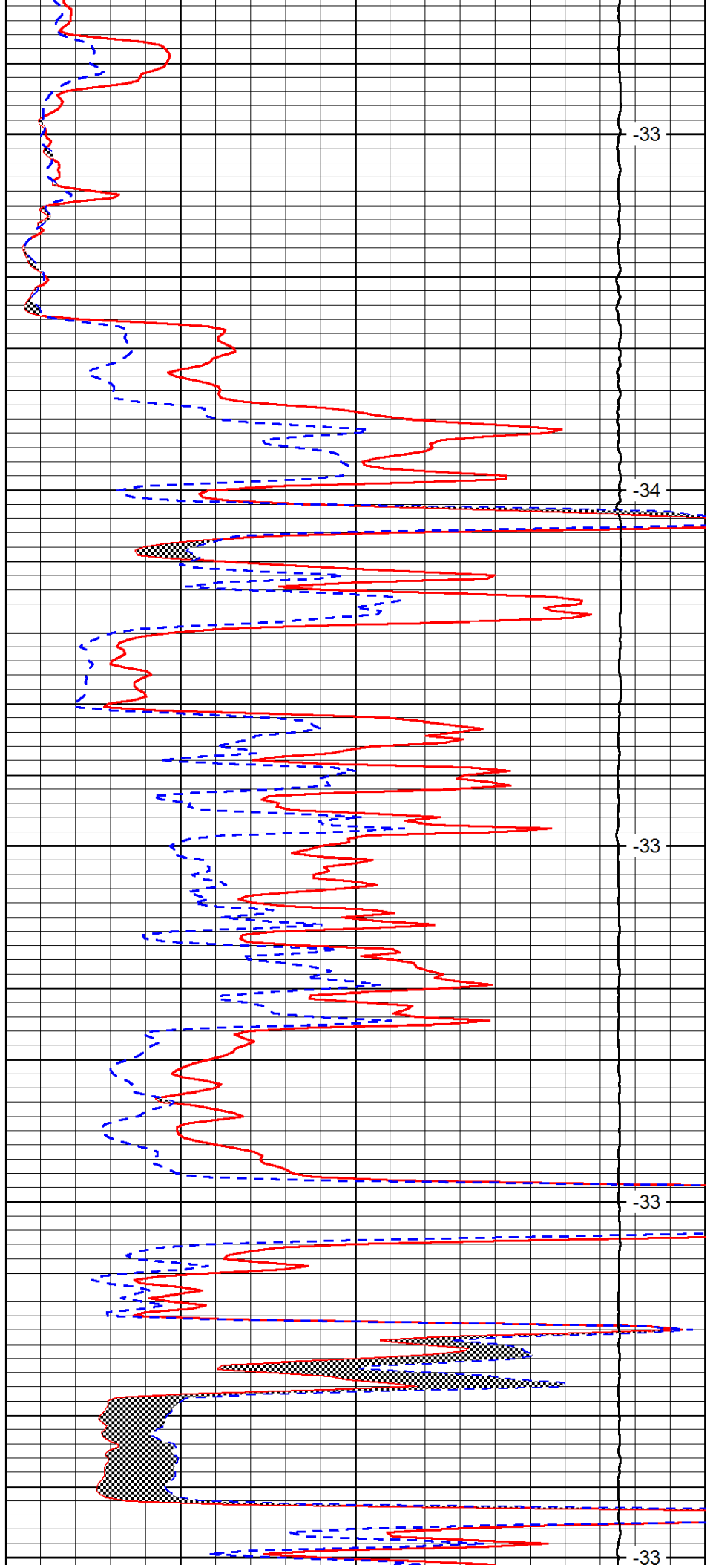
3950

4000

4050

4100

4150



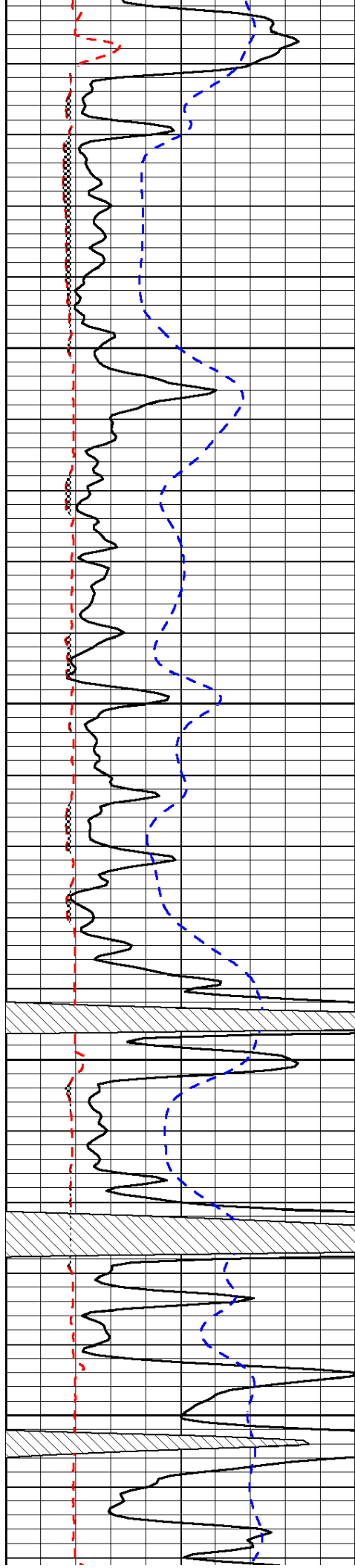
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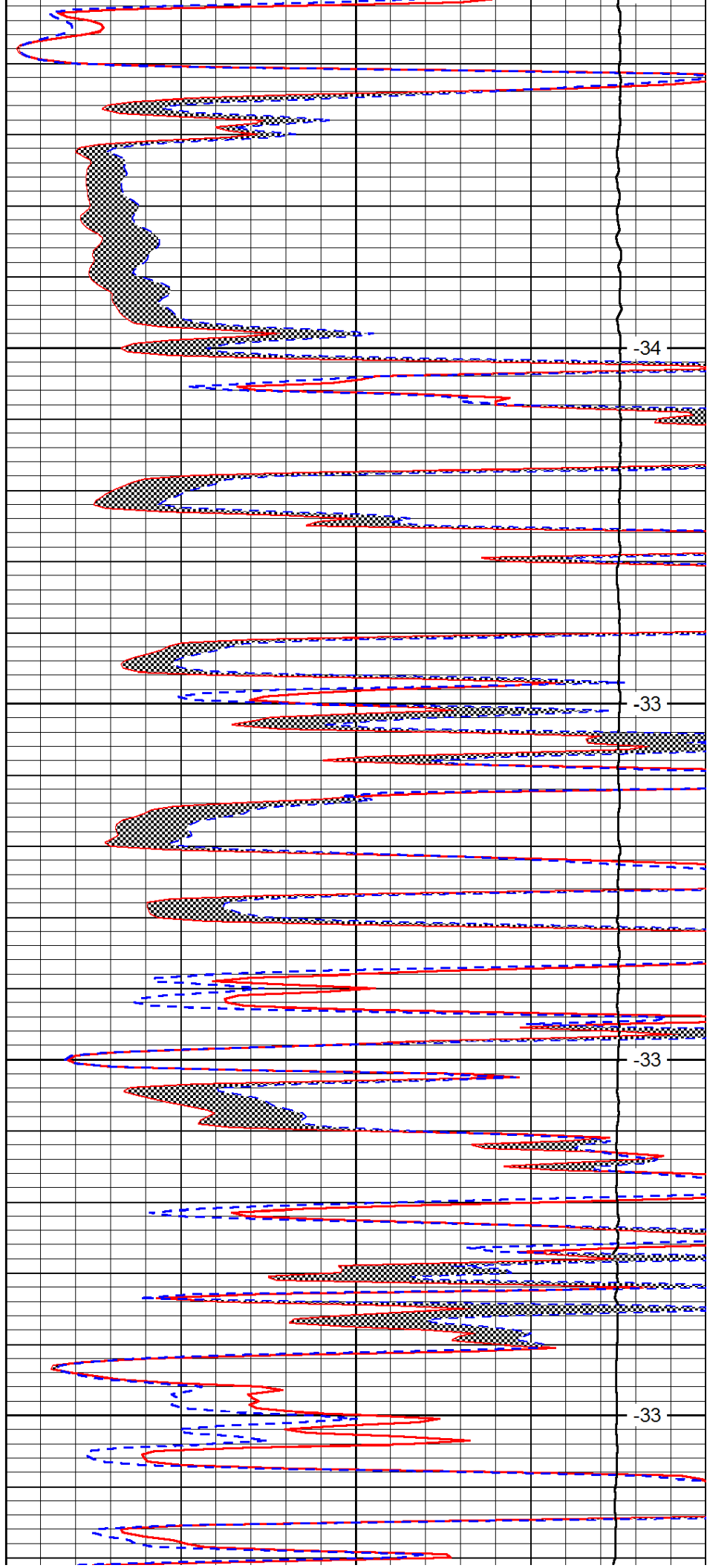


4200

4250

4300

4350

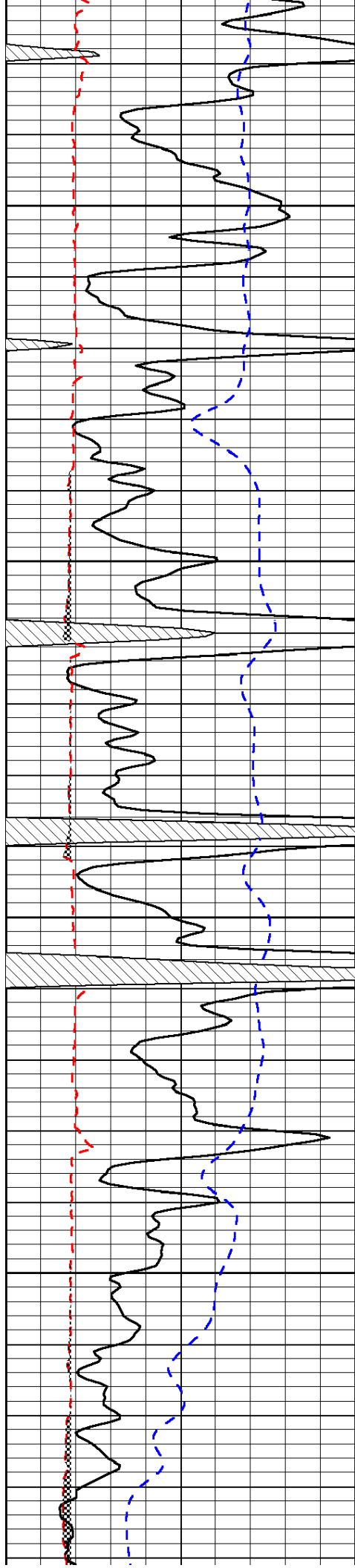


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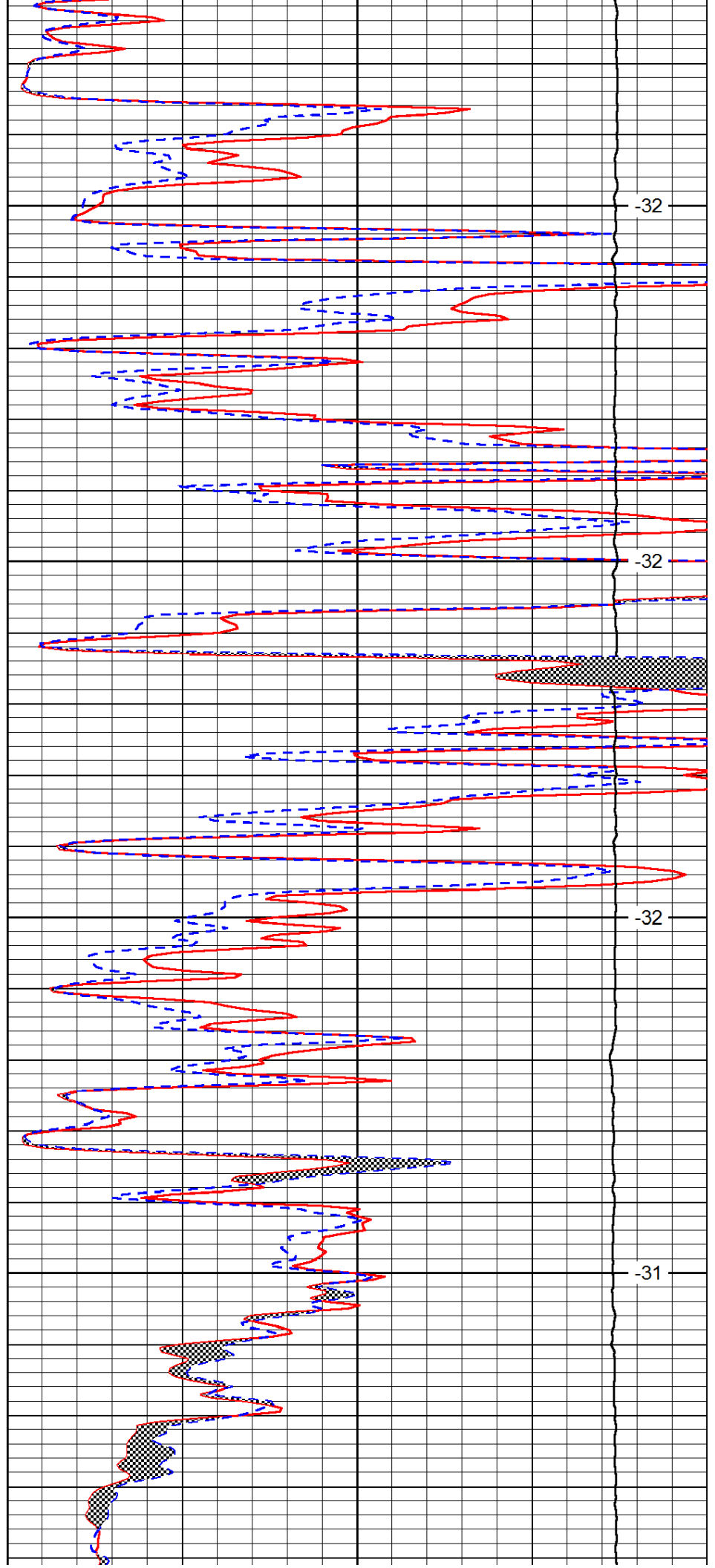


4400

4450

4500

4550

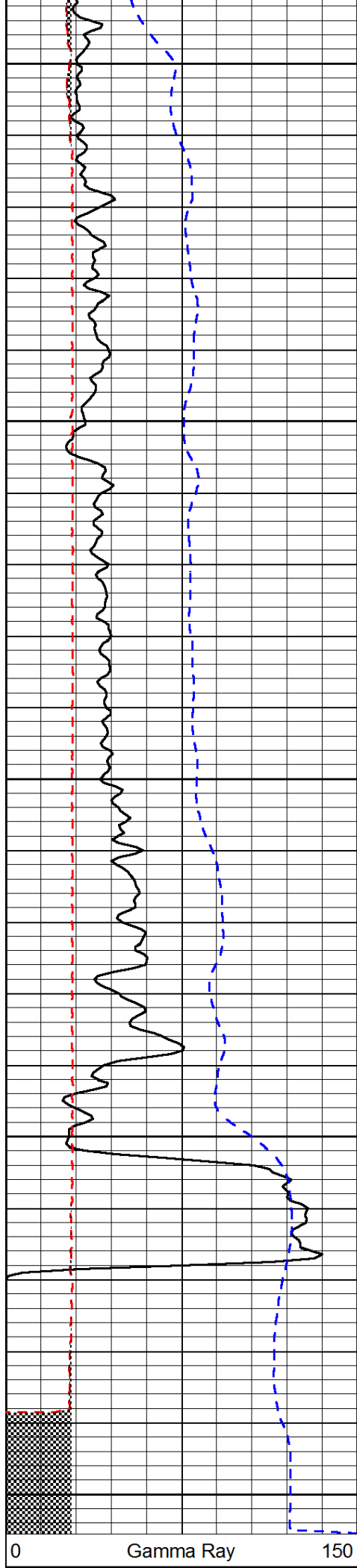
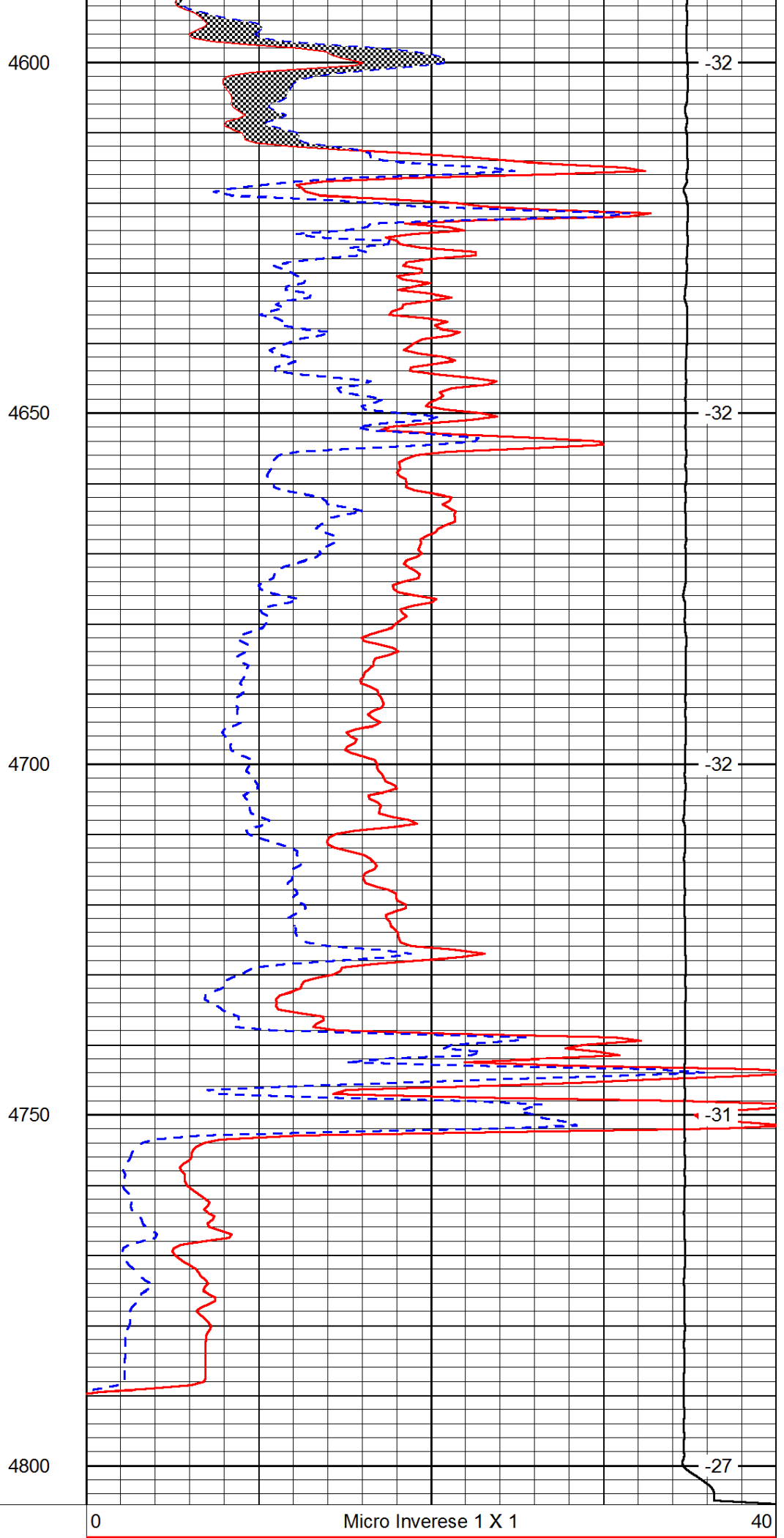


-32

-32

-32

-31



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

0	Micro Normal 2"	40
15000	Line Weight	0
		LSPD