



# Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,172-00-00

Company Flatirons Resources L.L.C

Well Price No. 33-10

Field Wildcat

County Lane State Kansas

Location 1850' FSL & 1600' FEL

Sec: 10 Twp: 16S Rge: 30W

Other Services  
CNL/CDL  
DIL/BHCS

Permanent Datum Ground Level Elevation 2682

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

Dilling Measured From Kelly Bushing K.B. 2687  
D.F. 2682  
G.L. 2682

Date 06/24/2009

Run Number Two

Depth Driller 4465

Depth Logger 4465

Bottom Logged Interval 4464

Top Log Interval 3250

Casing Driller 8.625 @ 250

Casing Logger 250

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 1.900

Density / Viscosity 9.5 42

pH / Fluid Loss 8.5 10.4

Source of Sample Flowline

Rm @ Meas. Temp 1 @ 75

Rmf @ Meas. Temp .75 @ 75

Rmc @ Meas. Temp 1.35 @ 75

Source of Rmf / Rmc Charts

Rm @ BHT .61 @ 123

Operating Rig Time 5 Hours

Max Rec. Temp. F 123

Equipment Number 10

Location Hays

Recorded By Jason Wellbrock

Witnessed By Tim Priest

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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

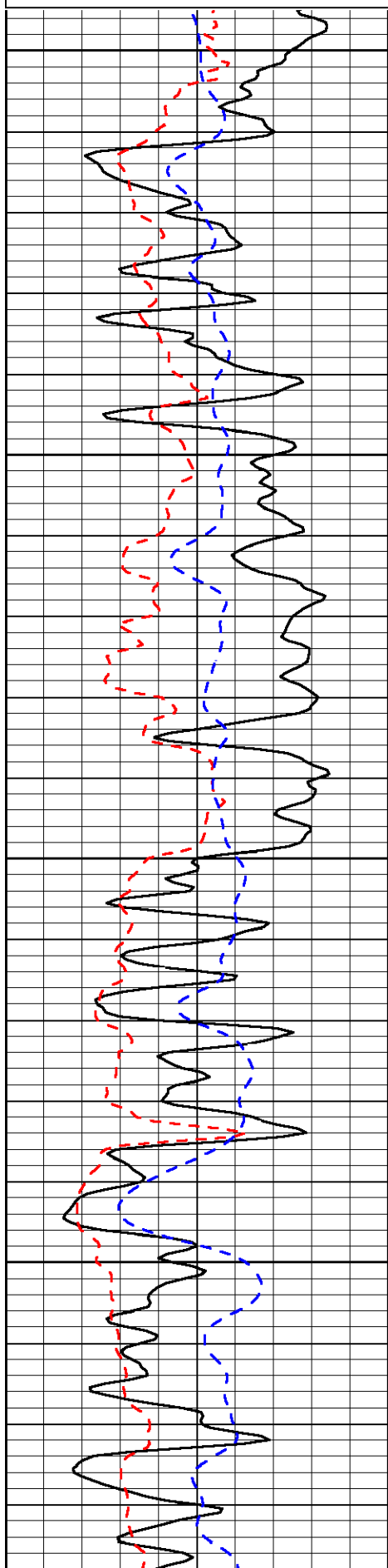
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Database File: c:\warrior\data\flatirons\_price no. 33-10\flathd.db  
Dataset Pathname: dil/flat2in  
Presentation Format: micro  
Dataset Creation: Wed Jun 24 06:57:05 2009  
Charted by: Depth in Feet scaled 1:240

|      |                        |     |
|------|------------------------|-----|
| 0    | Gamma Ray              | 150 |
| 6    | Micro Log Caliper (in) | 16  |
| -200 | SP (MV)                | 0   |

|       |                             |    |
|-------|-----------------------------|----|
| 0     | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0     | Micro Normal 2" (Ohm-m)     | 40 |
| 10000 | Line Weight (lb)            | 0  |

LSPD  
(ft/min)

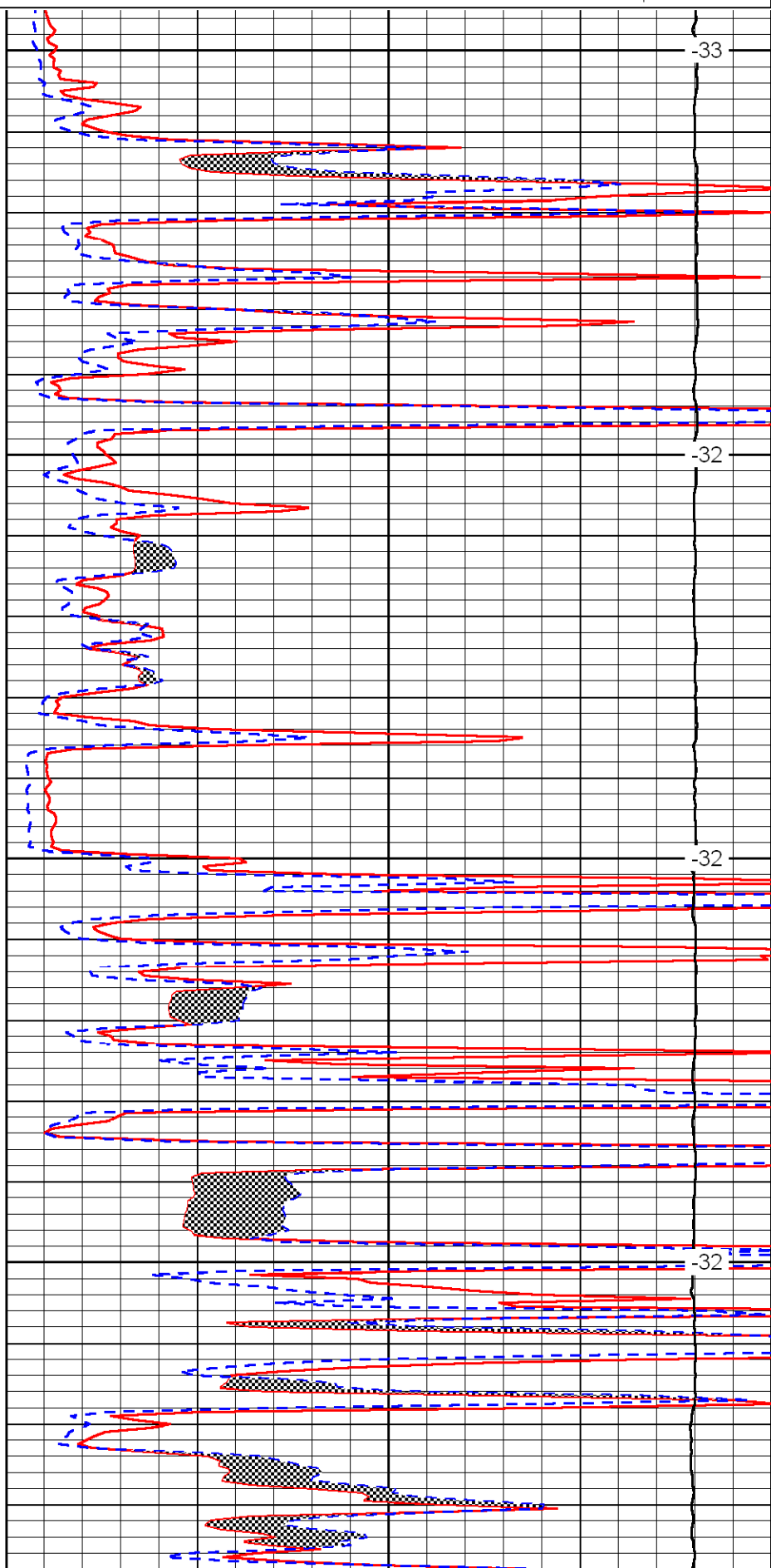


3250

3300

3350

3400

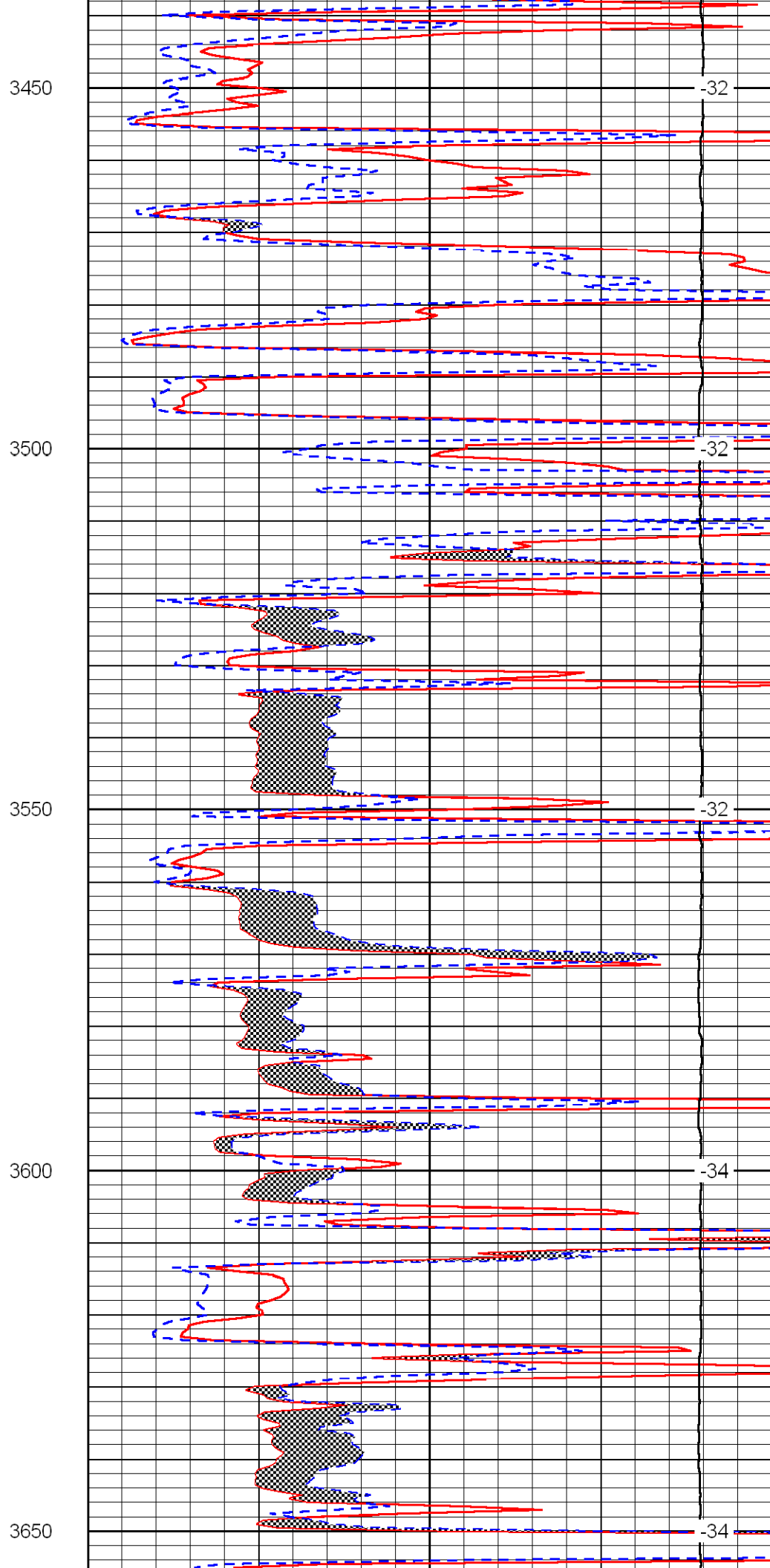
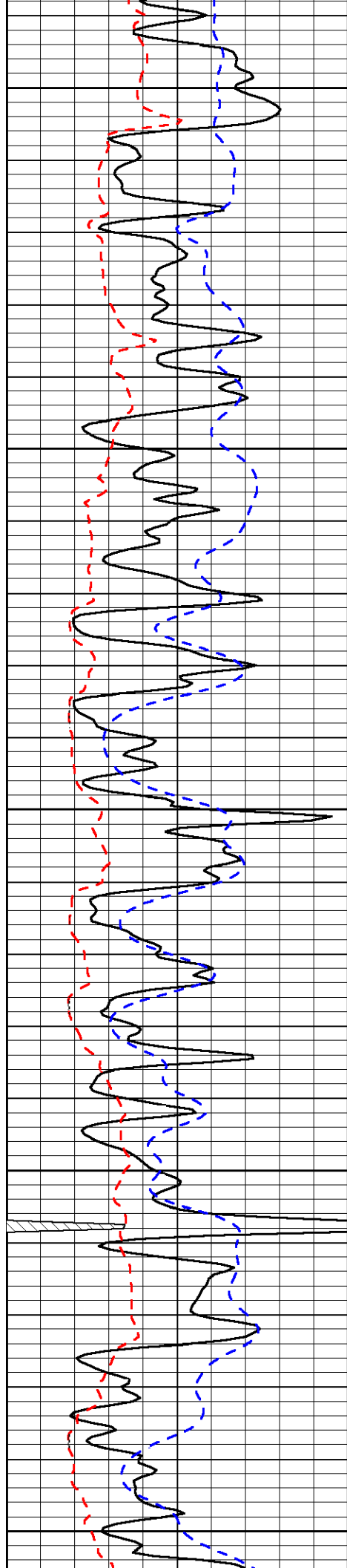


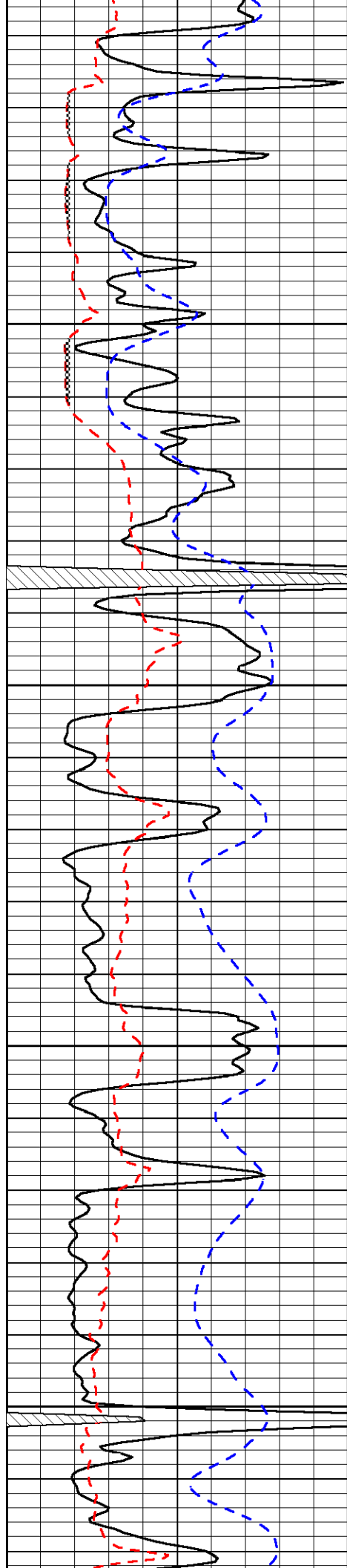
-33

-32

-32

-32



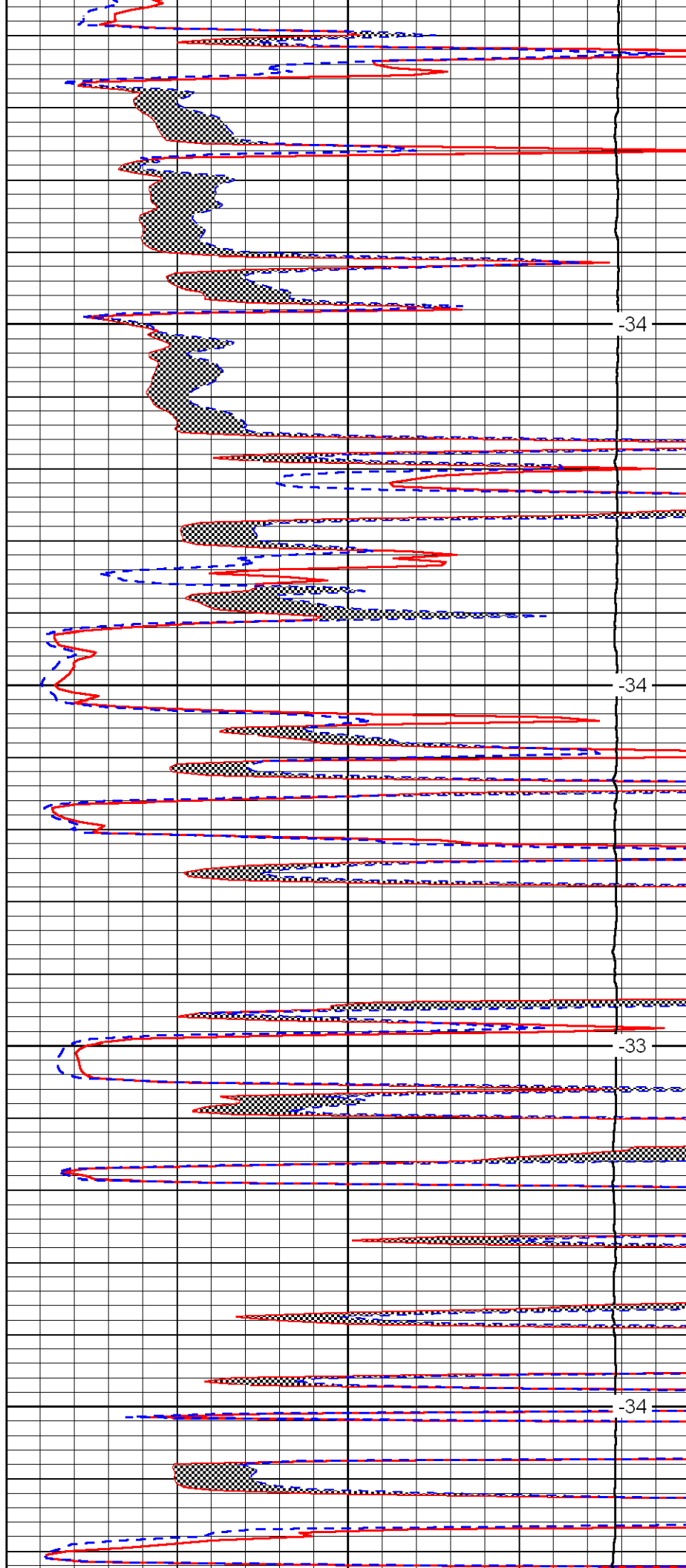


3700

3750

3800

3850

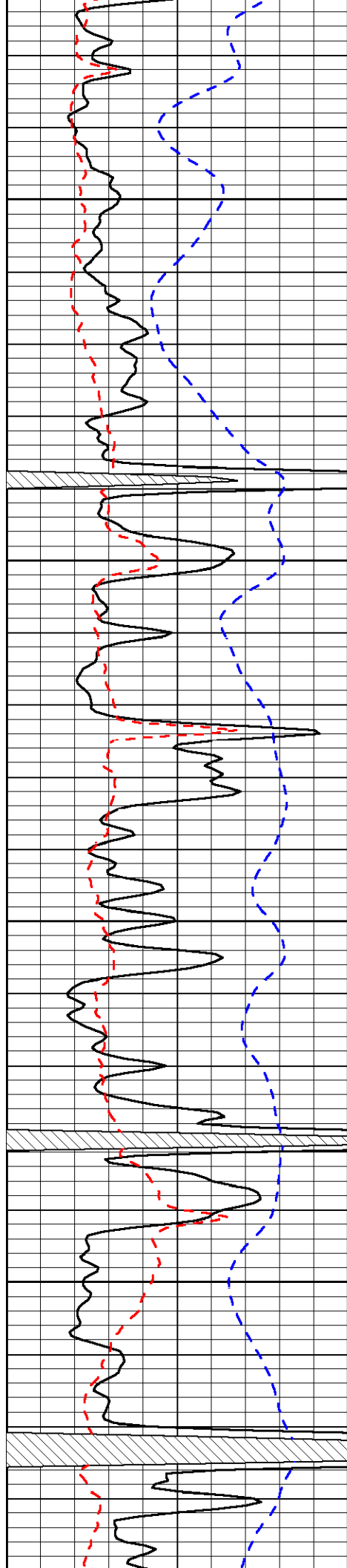


-34

-34

-33

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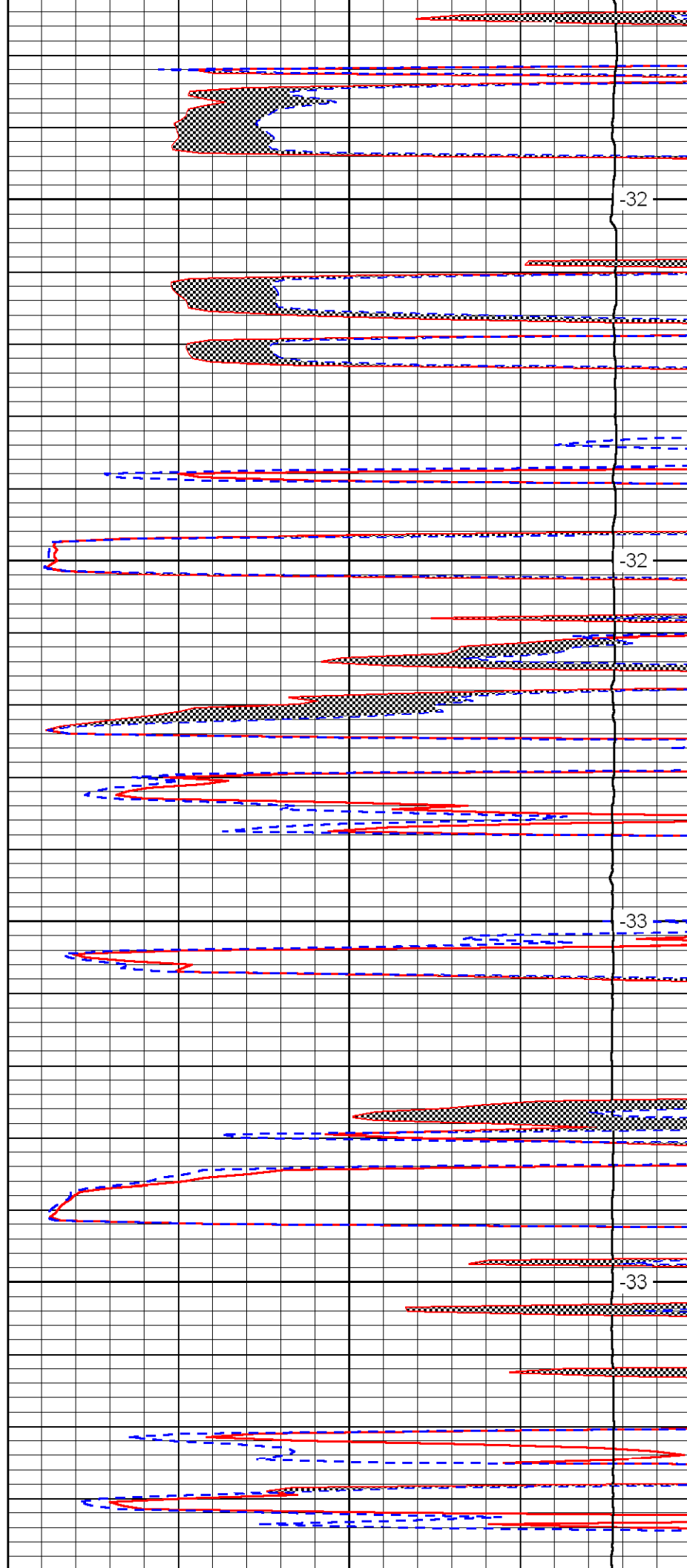


3900

3950

4000

4050

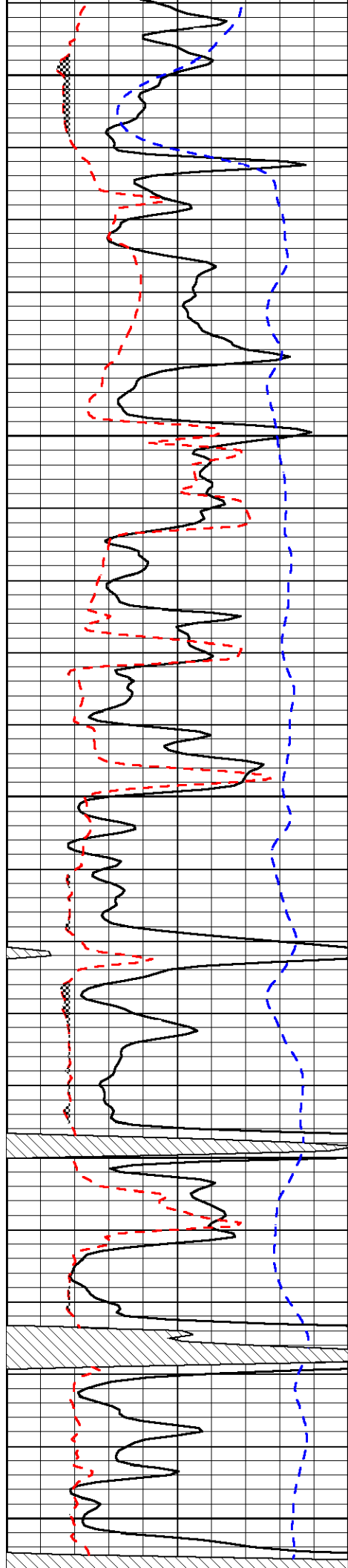


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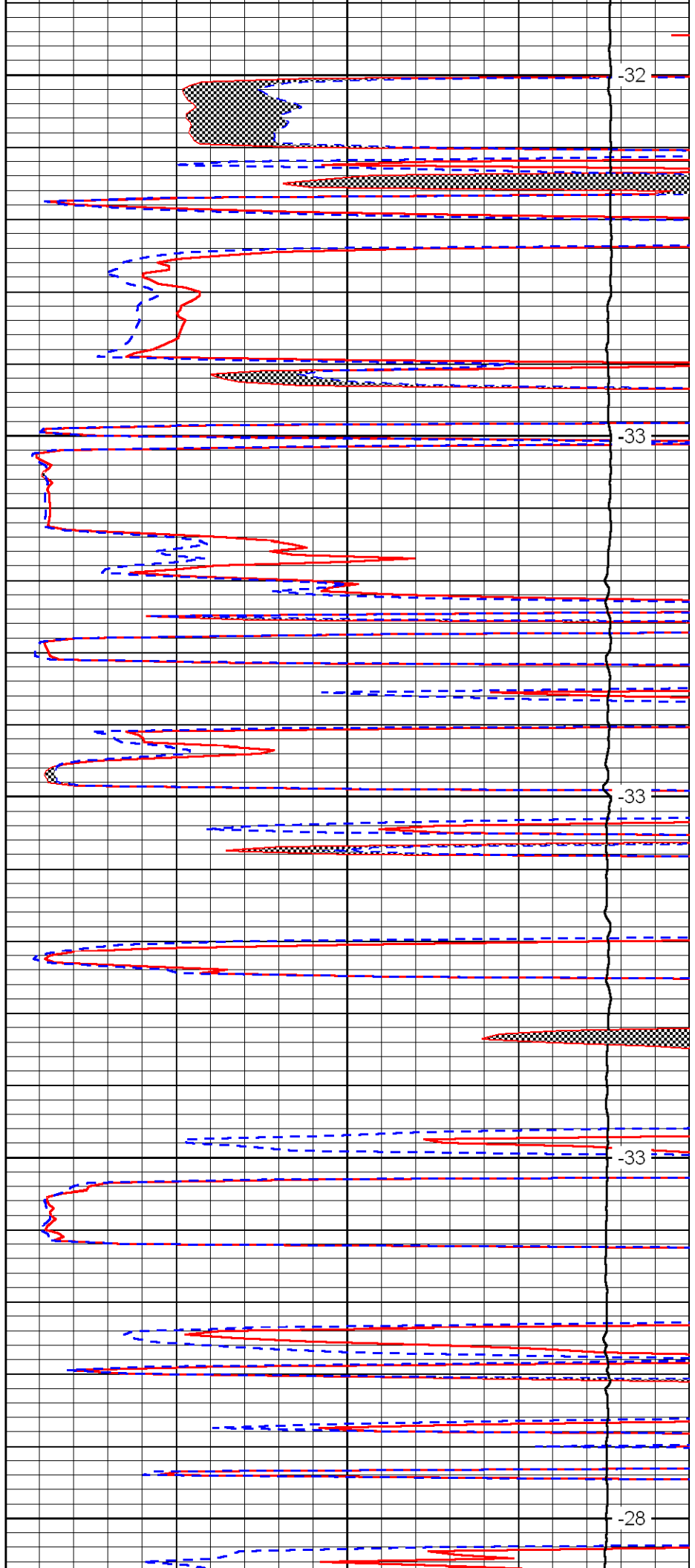
4100

4150

4200

4250

4300



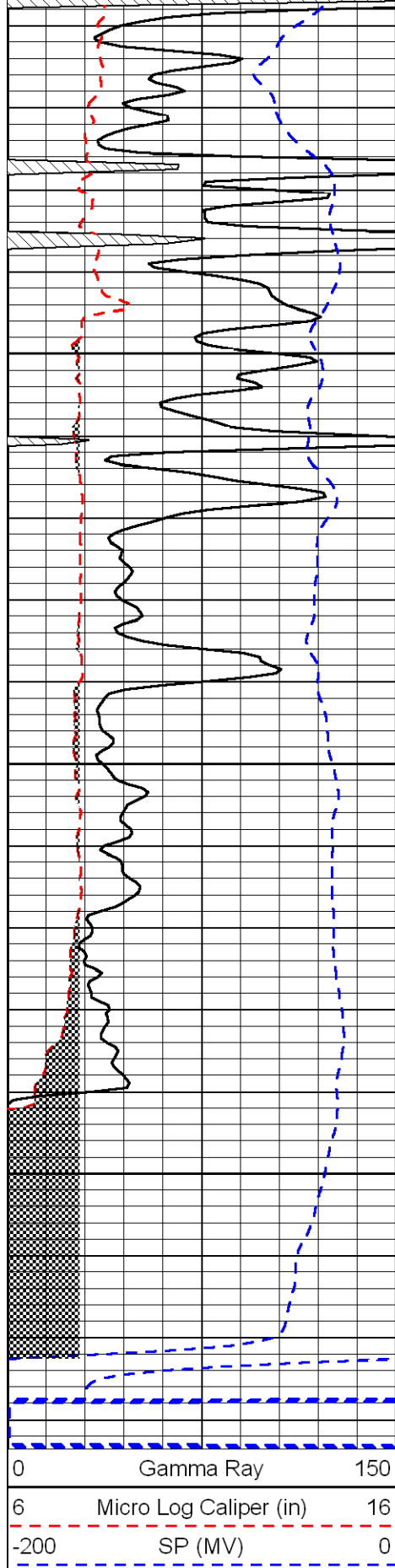
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-33

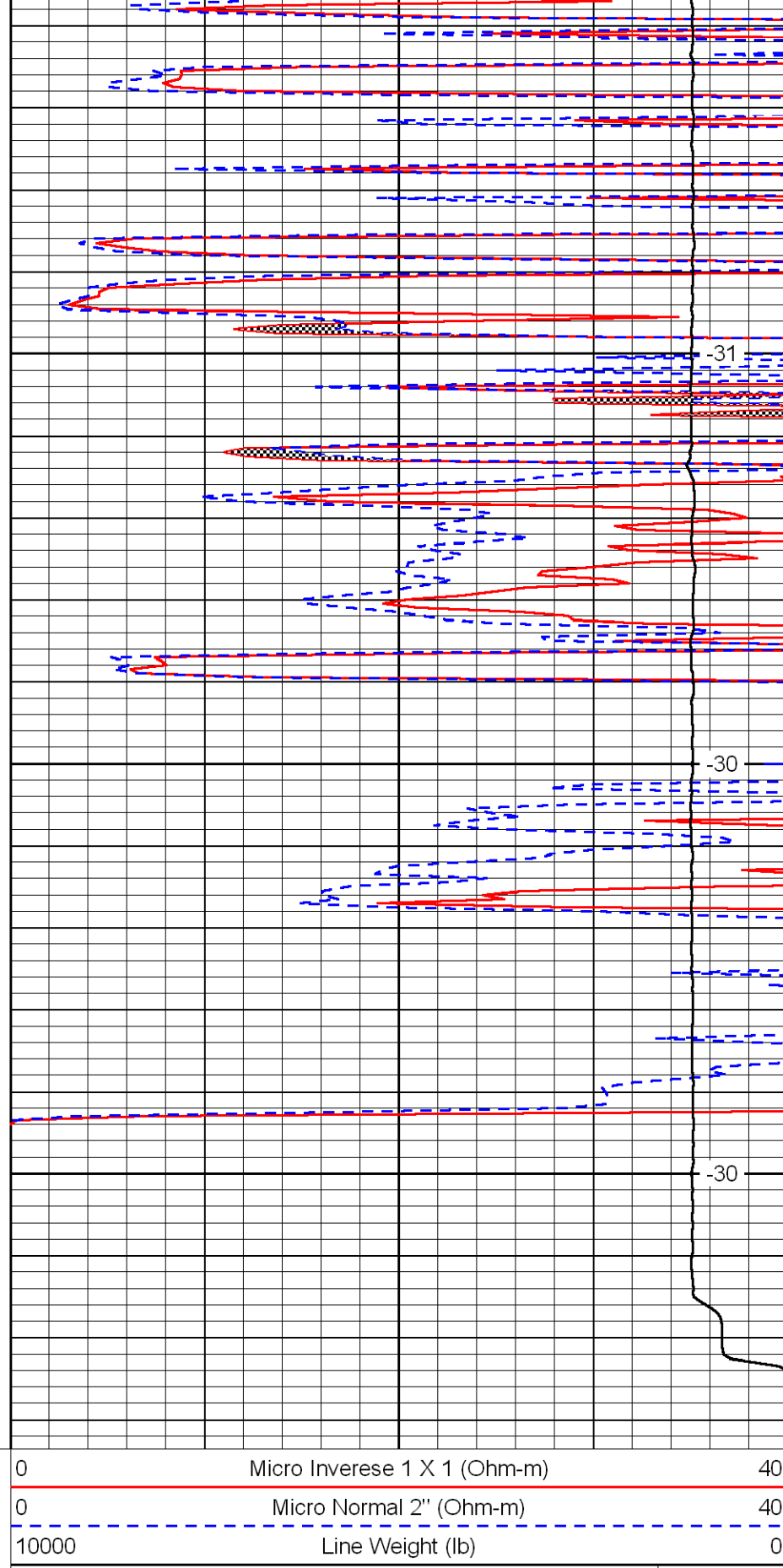
-28



4350

4400

4450



LSPD  
(ft/min)