



Microresistivity Log

DIGITAL LOG (785) 625-3858

15-203-20,147-00-00

Company Raymond Oil Company, Inc.

Well Brack No. 1

Field WC

County Wichita

State

Kansas

Location

NW SW NW NE
832' FNL & 2550' FEL

Sec: 21

Twp: 20 S

Rge: 35 W

Elevation

Permanent Datum Ground Level Elevation 3166
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1377
D.F. 1366
G.L. 1366

Date 11/01/2009

Run Number Two

Depth Driller 5125

Depth Logger 5120

Bottom Logged Interval 5119

Top Log Interval 2700

Casing Driller 8.625 @ 249

Casing Logger 247

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.500

Density / Viscosity 9.3 58

pH / Fluid Loss 10.5 8.8

Source of Sample Flowline

Rm @ Meas. Temp .68 @ 62

Rmf @ Meas. Temp .51 @ 62

Rmc @ Meas. Temp .92 @ 62

Source of Rmf / Rmc Charts

Rm @ BHT .33 @ 129

Operating Rig Time 6 Hours

Max Rec. Temp. F 129

Equipment Number 10

Location Hays

Recorded By K. Bange

Witnessed By Max Lovely

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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

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(785) 625-3858

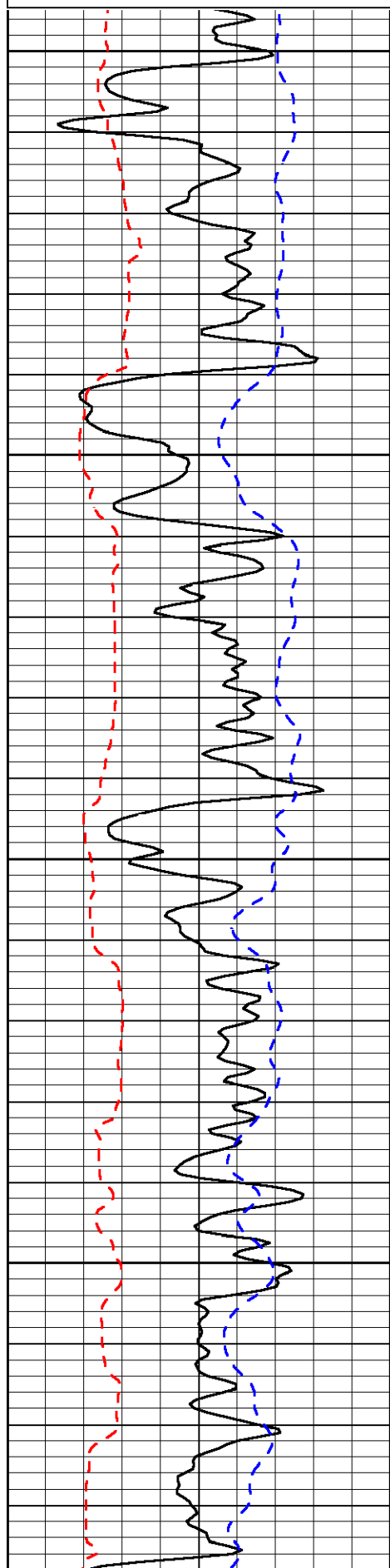
Marianthal (W edge), 12 S to AA rd, 1 1/2 E to 22 rd, 1/2 S, W into

Database File: c:\warrior\data\raymond oil_brack no. 1\raymndhd.db
Dataset Pathname: dil/ray2in
Presentation Format: micro
Dataset Creation: Sun Nov 01 06:40:09 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
15000	Line Weight (lb)	0

LSPD
(ft/min)

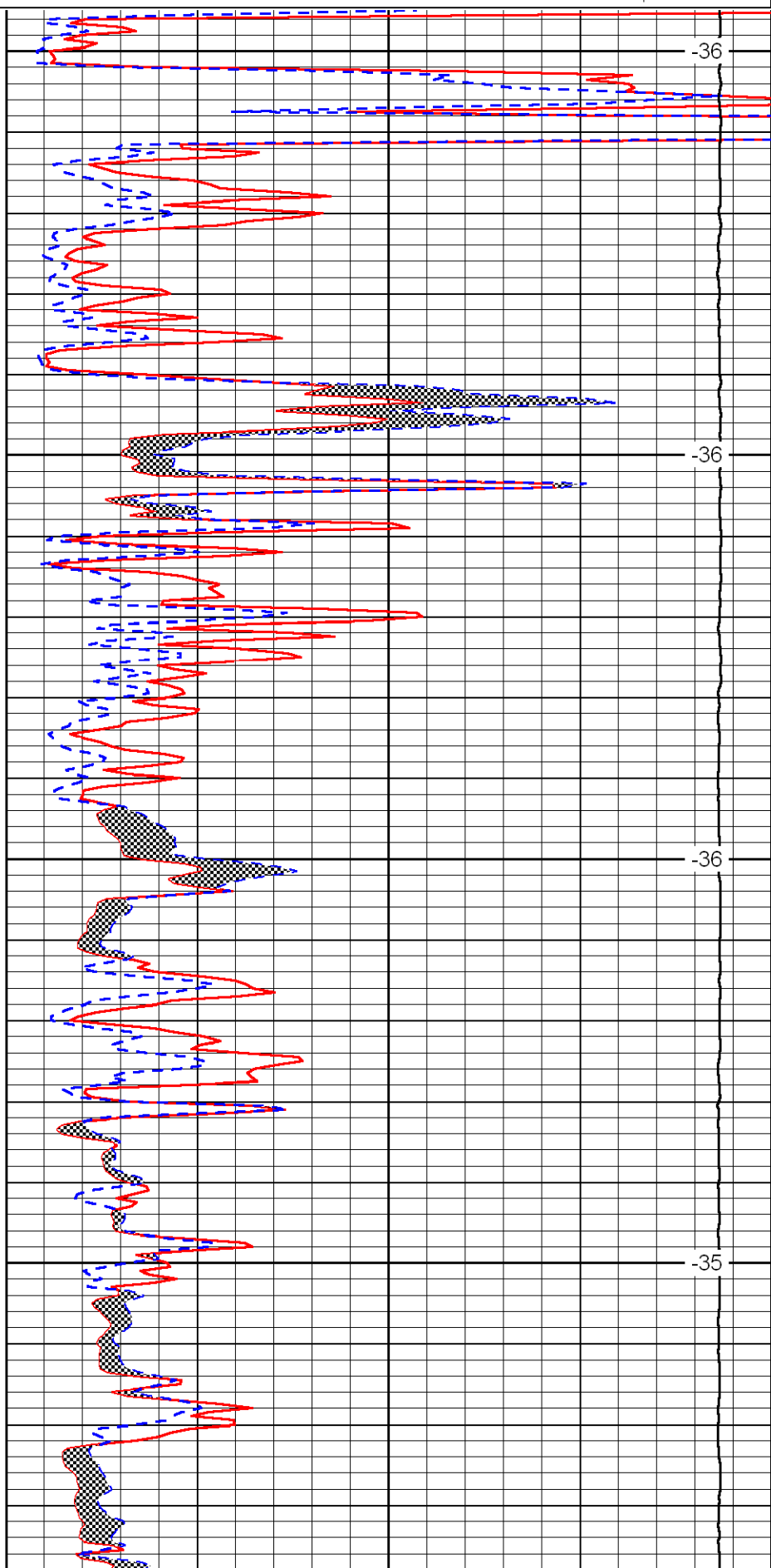


2700

2750

2800

2850

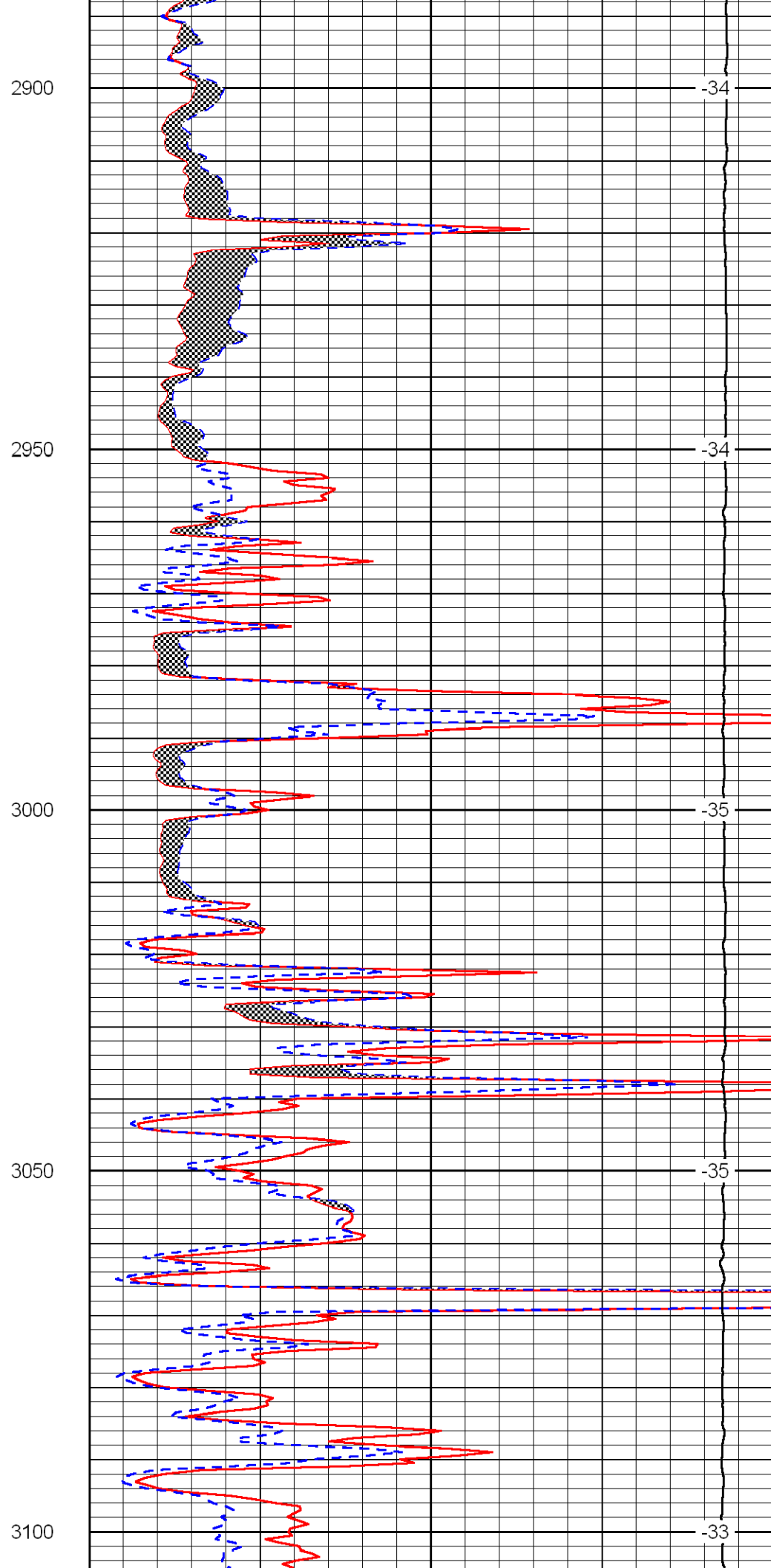
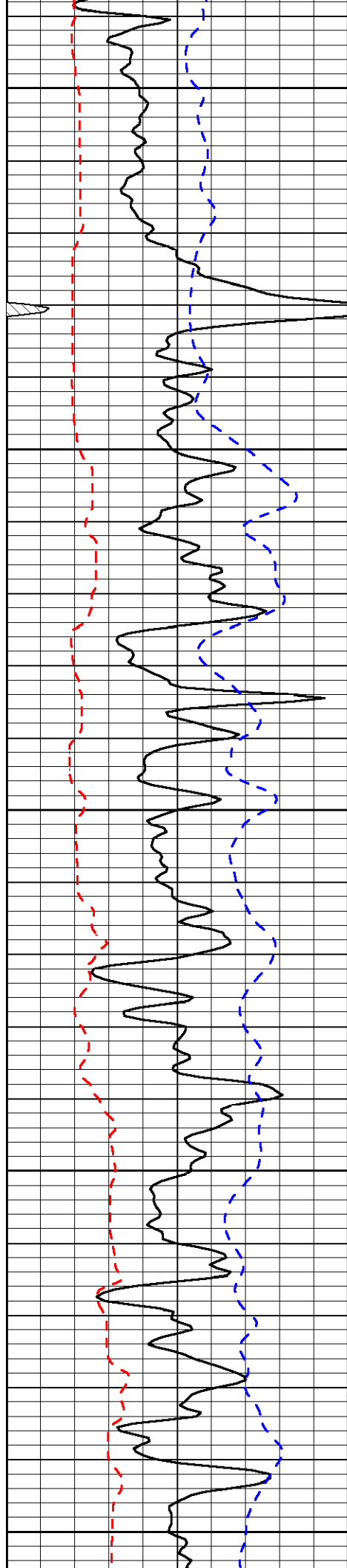


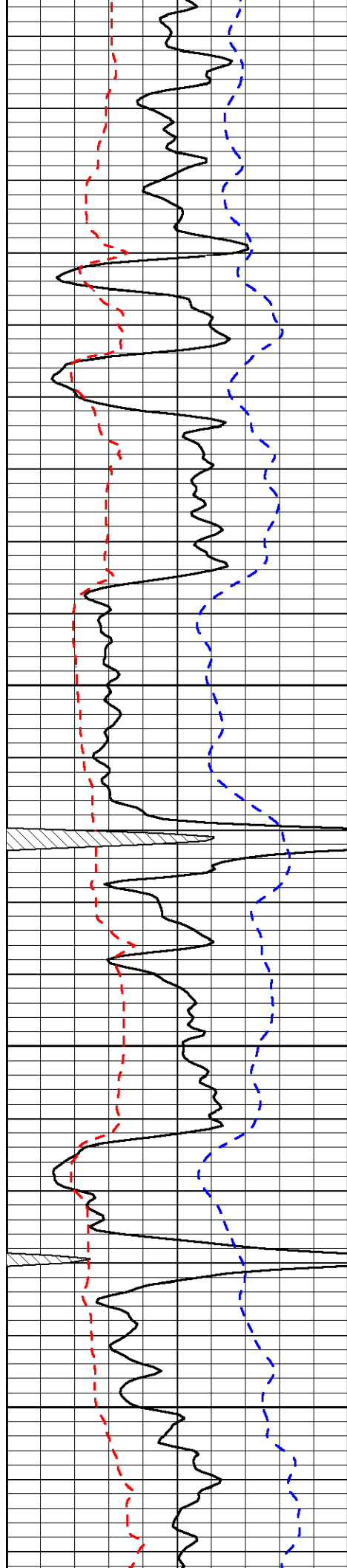
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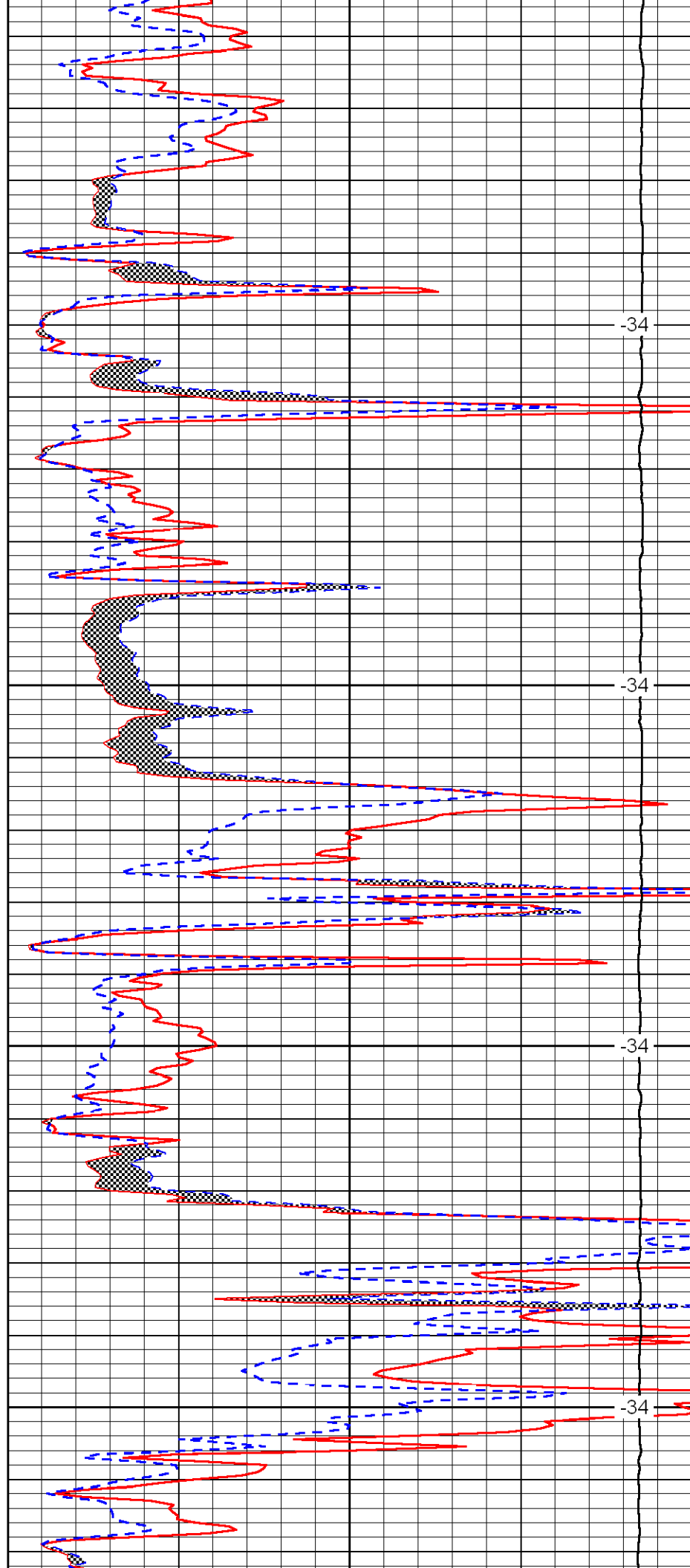


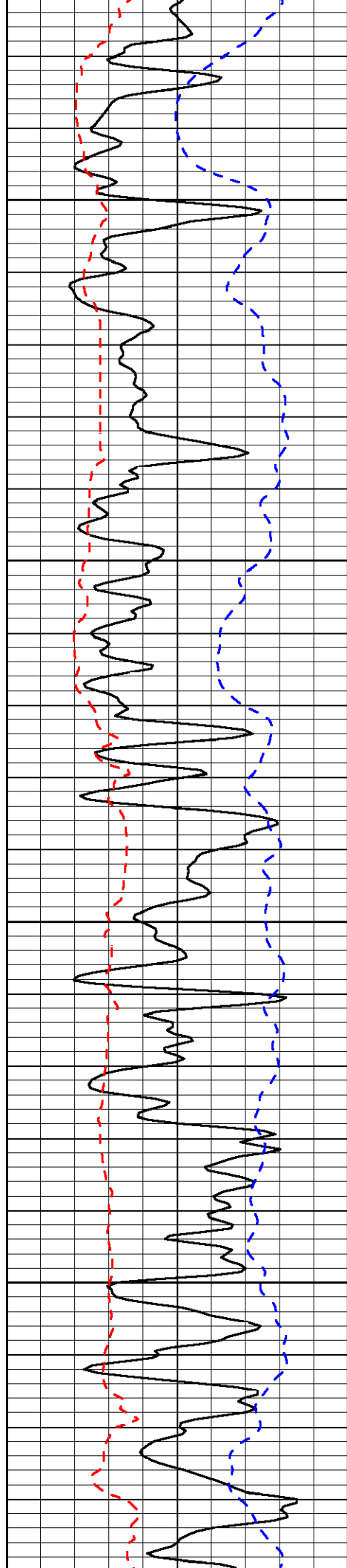
3150

3200

3250

3300



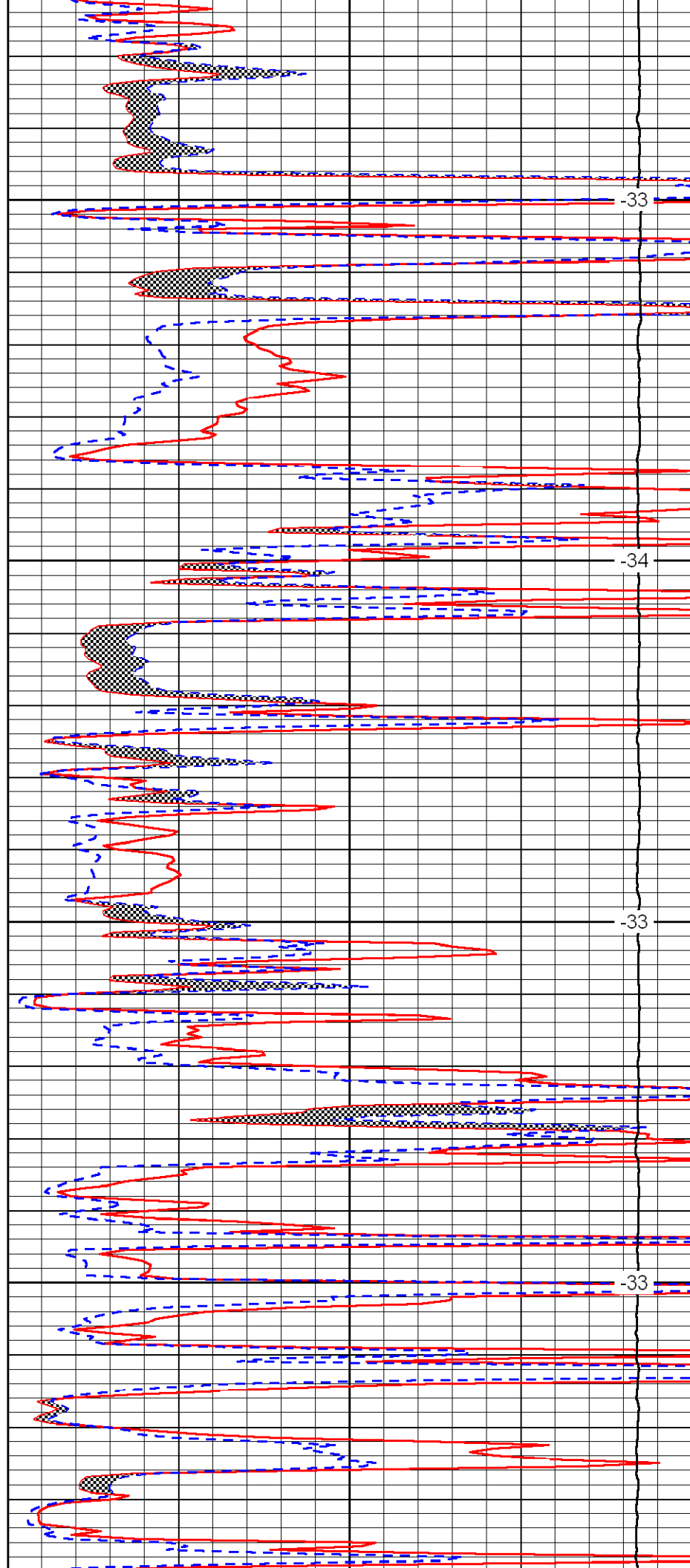


3350

3400

3450

3500

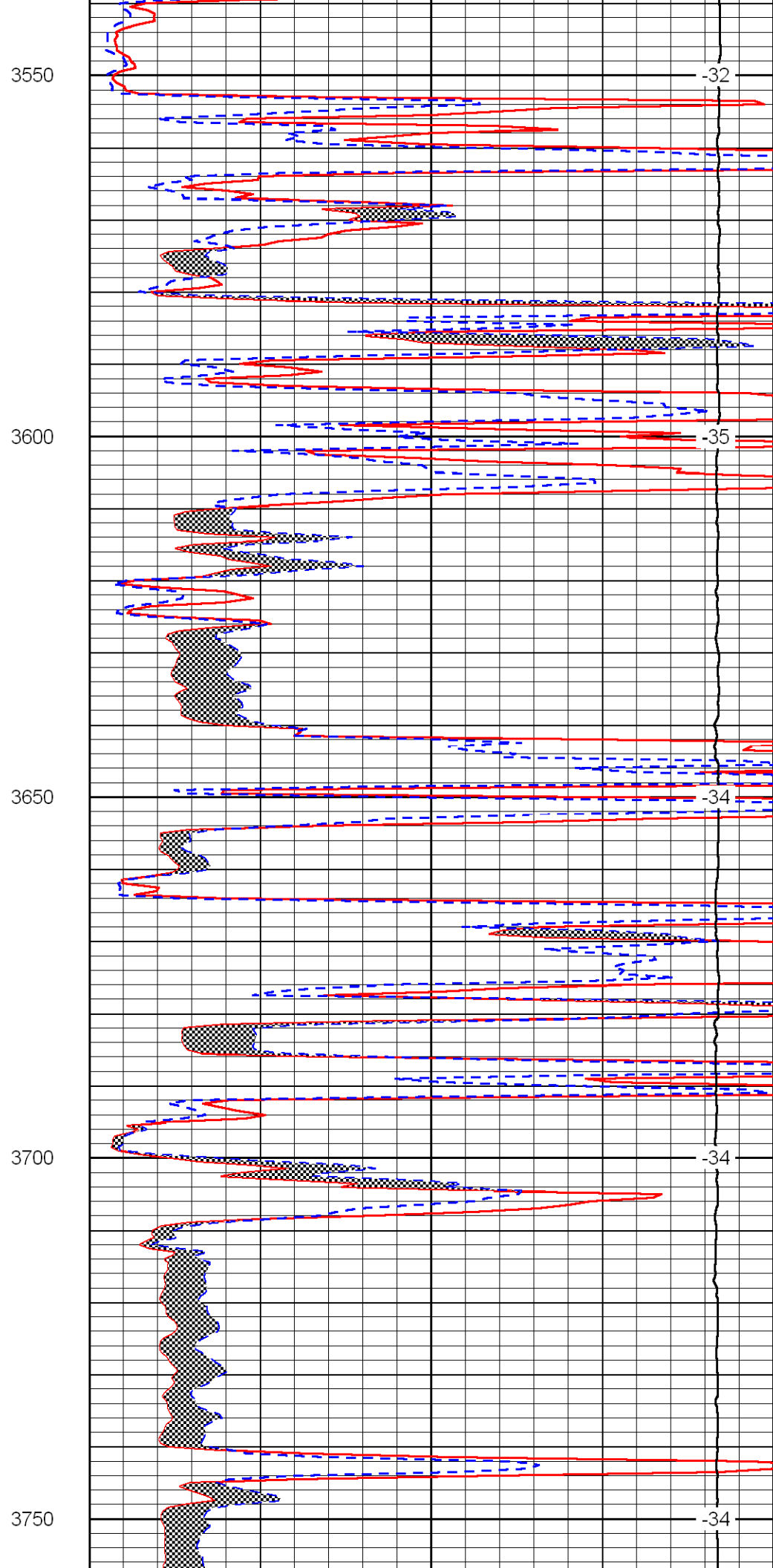
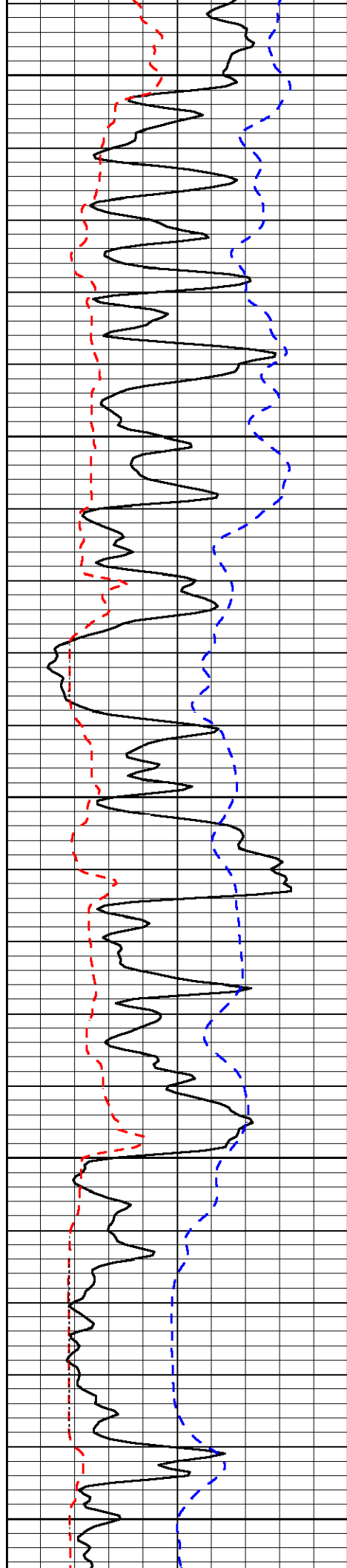


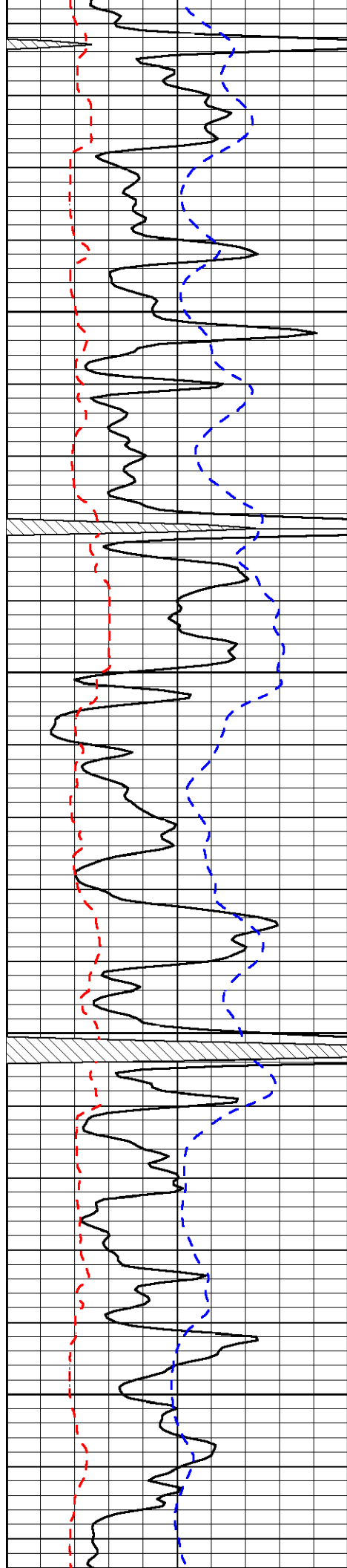
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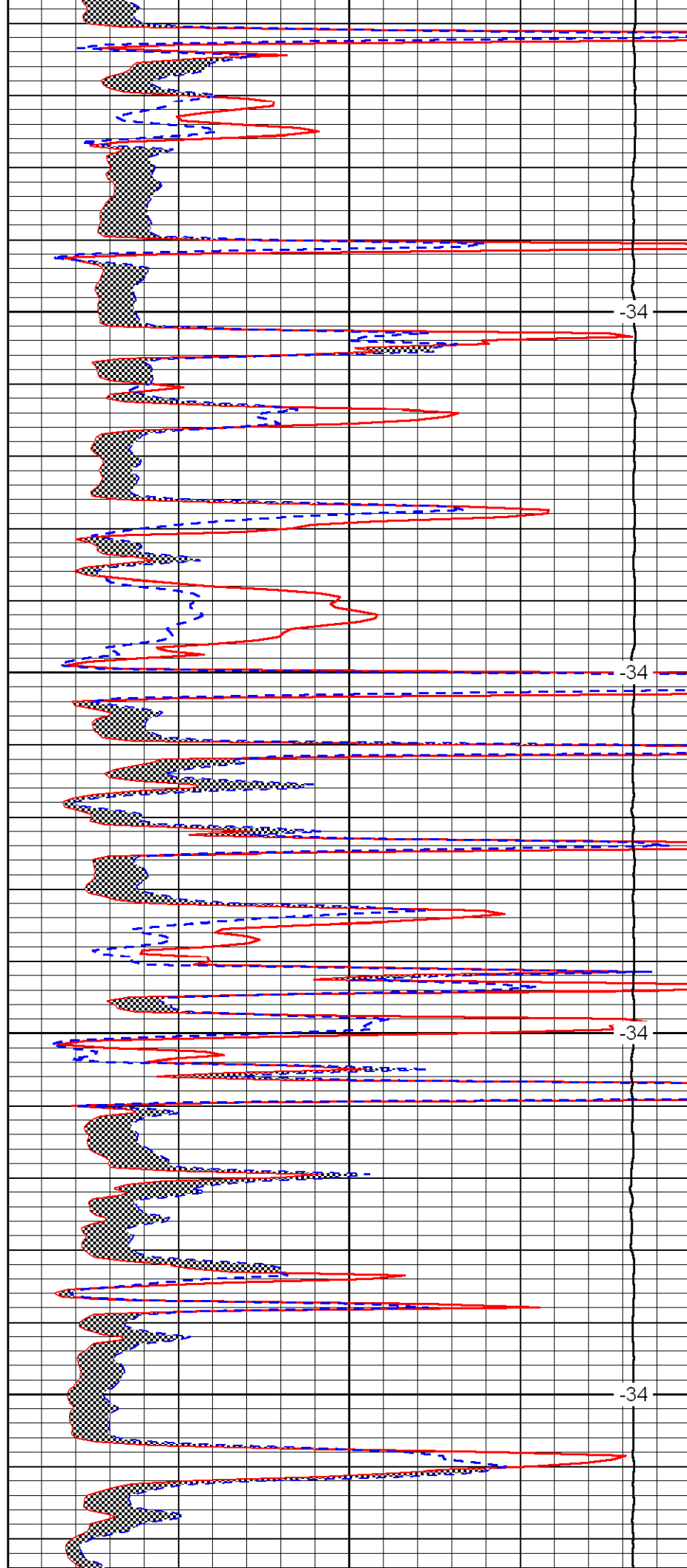


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3850

3900

3950

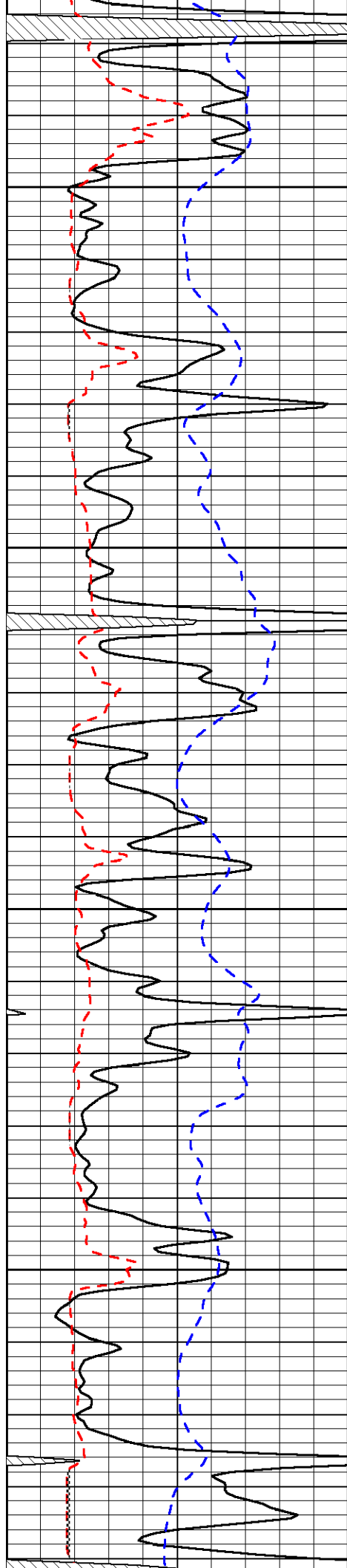


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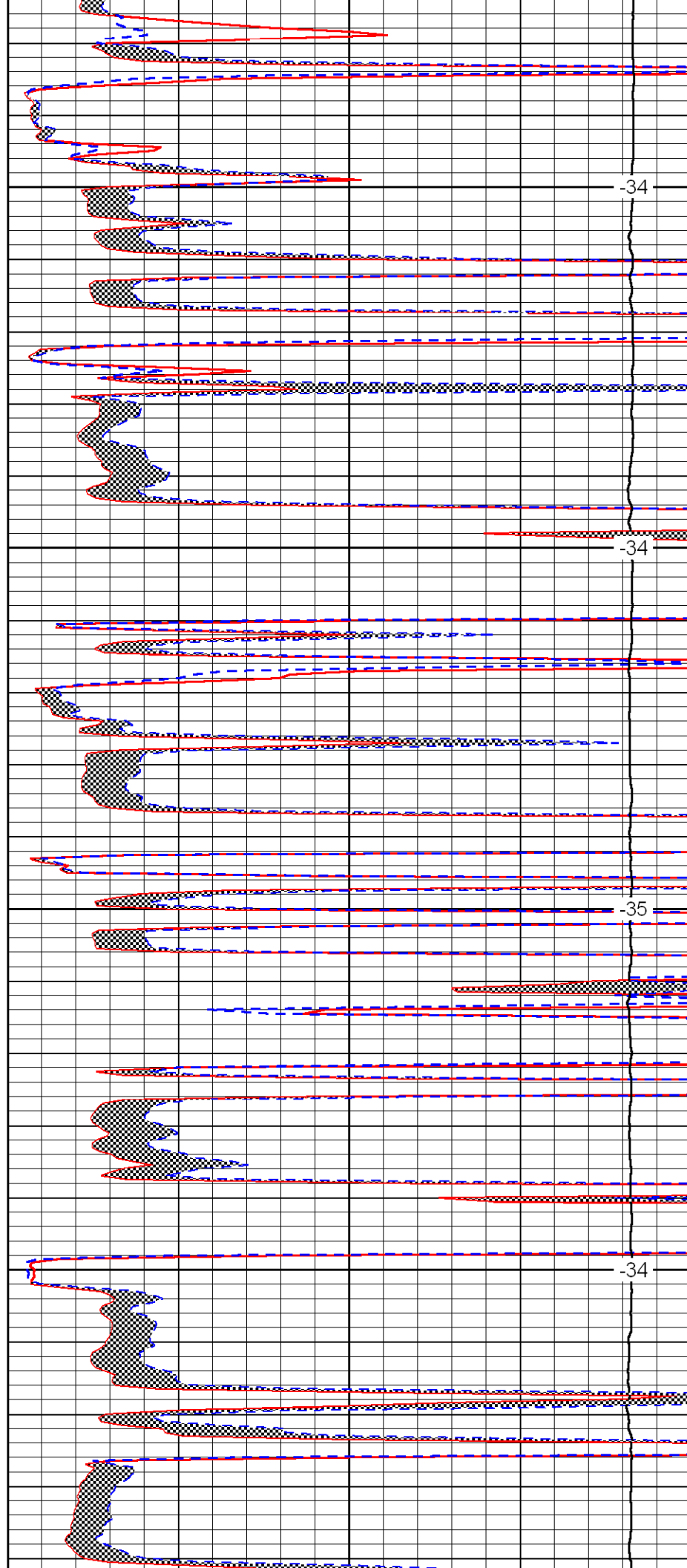


4000

4050

4100

4150

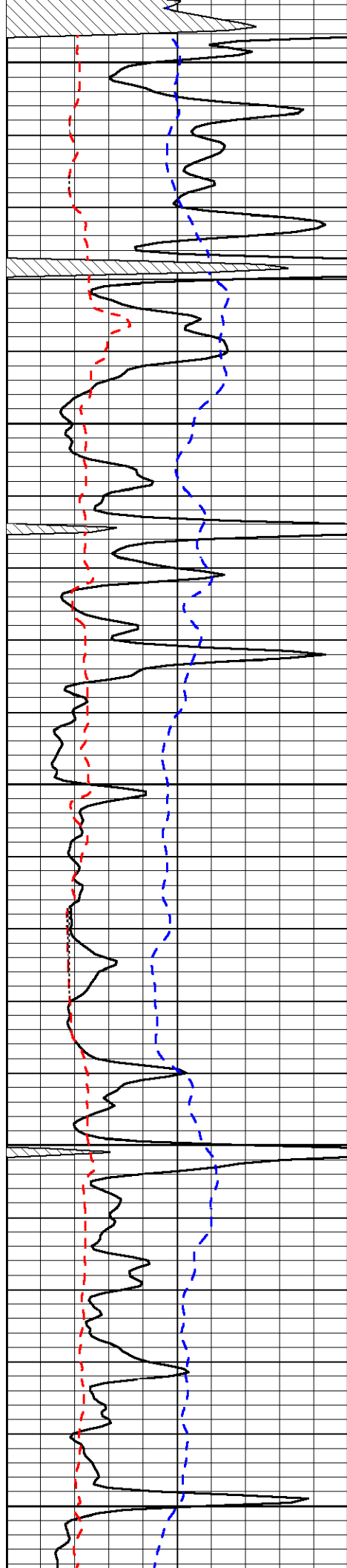


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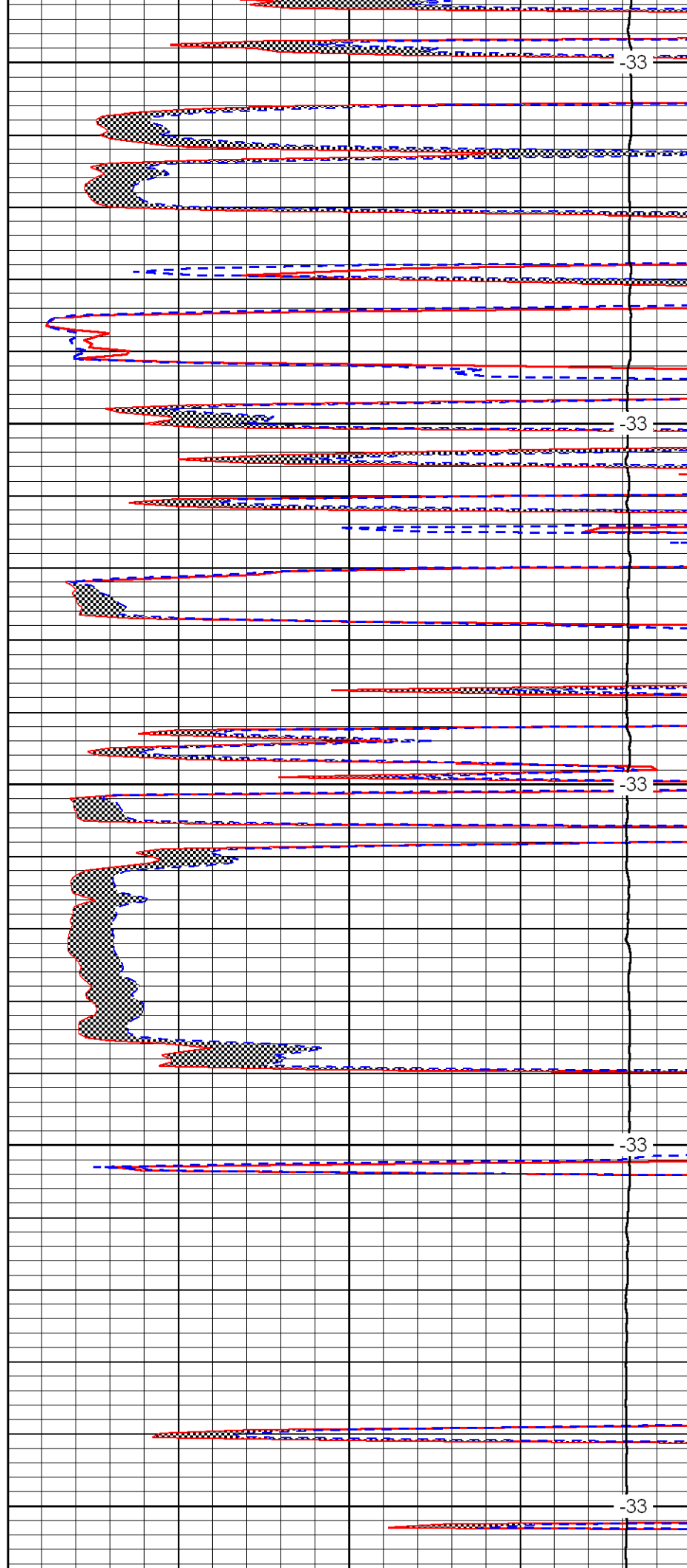
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4350

4400



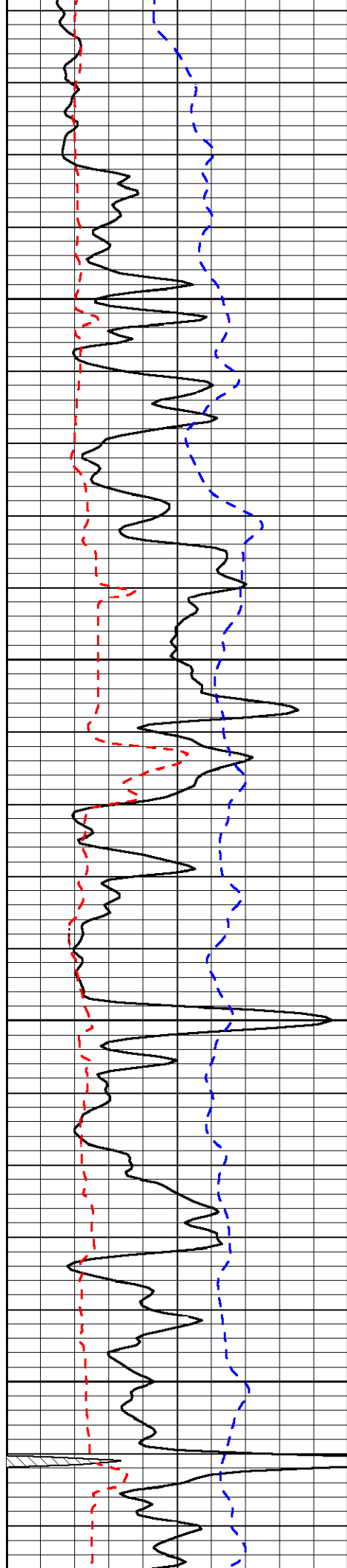
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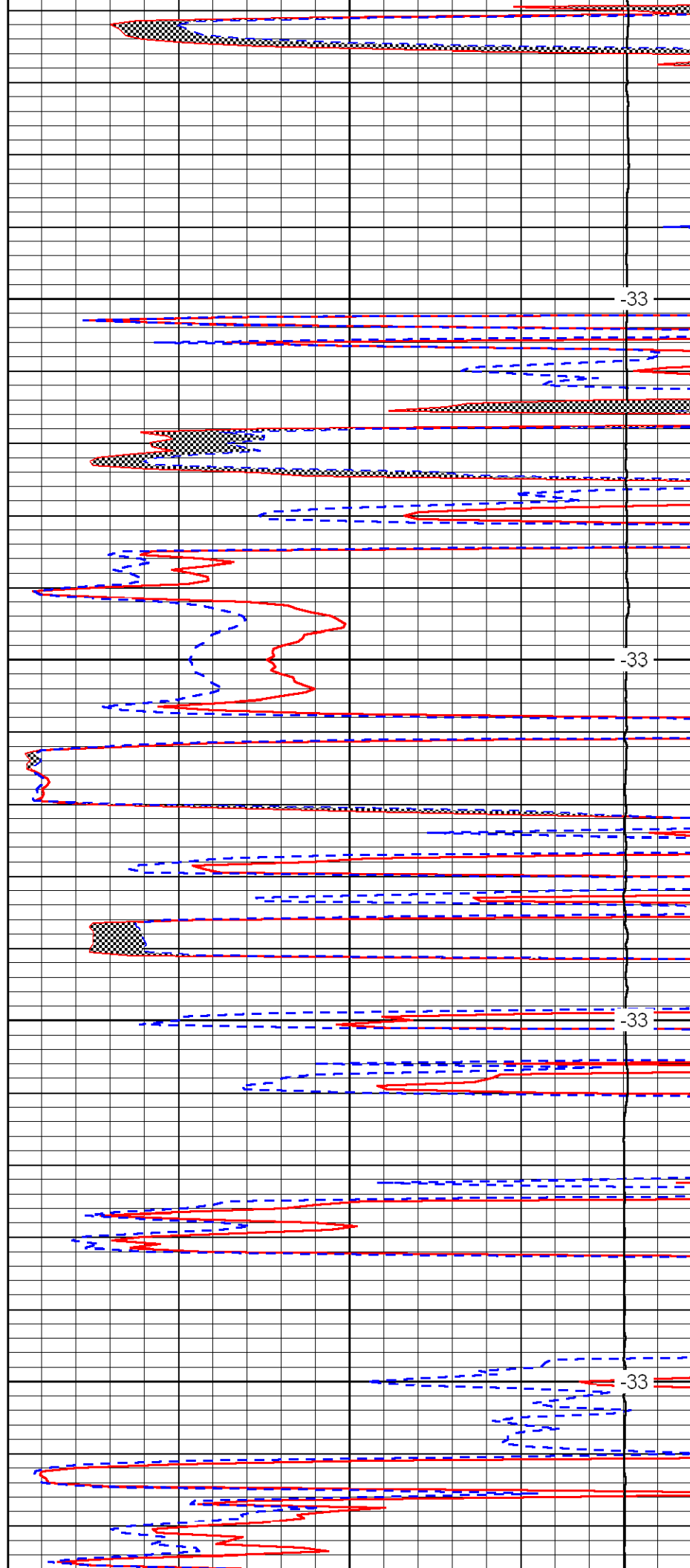


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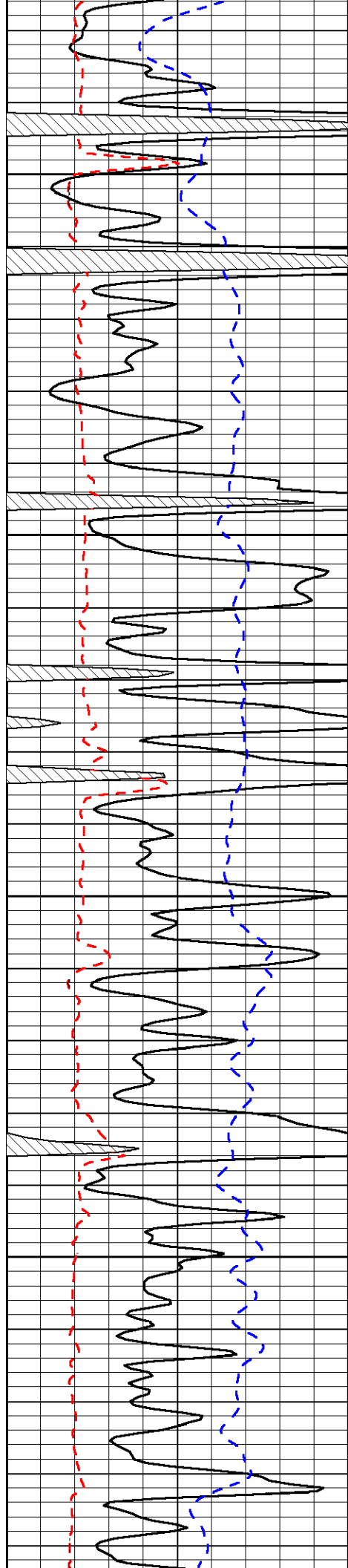


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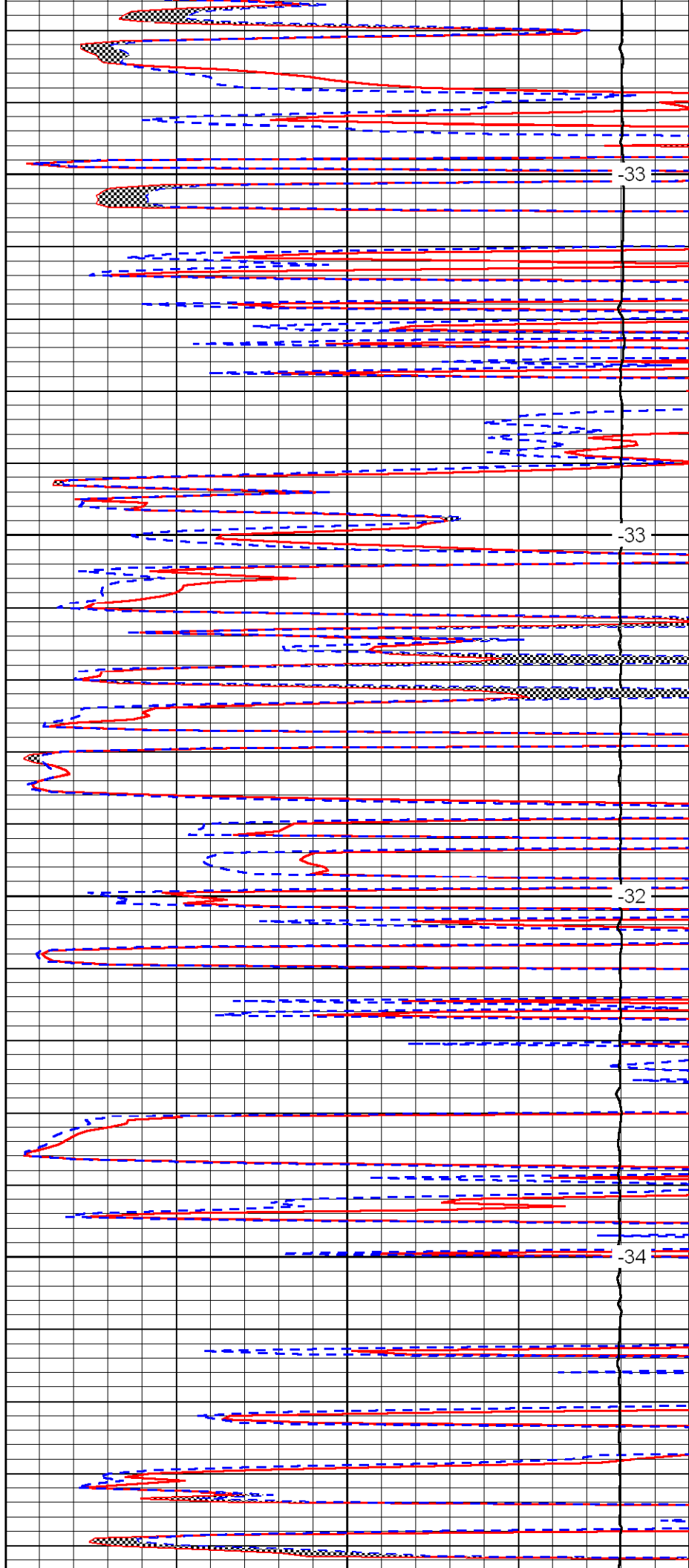


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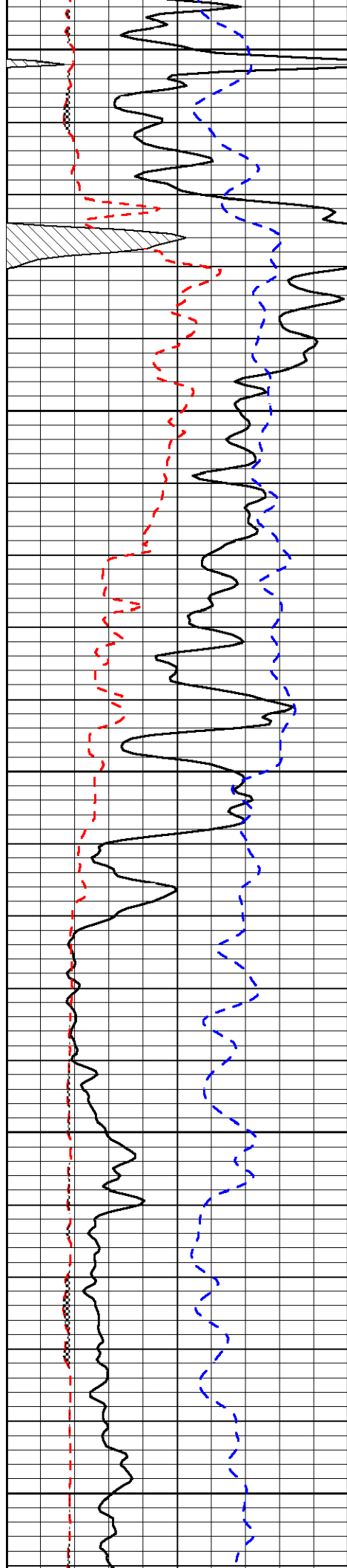


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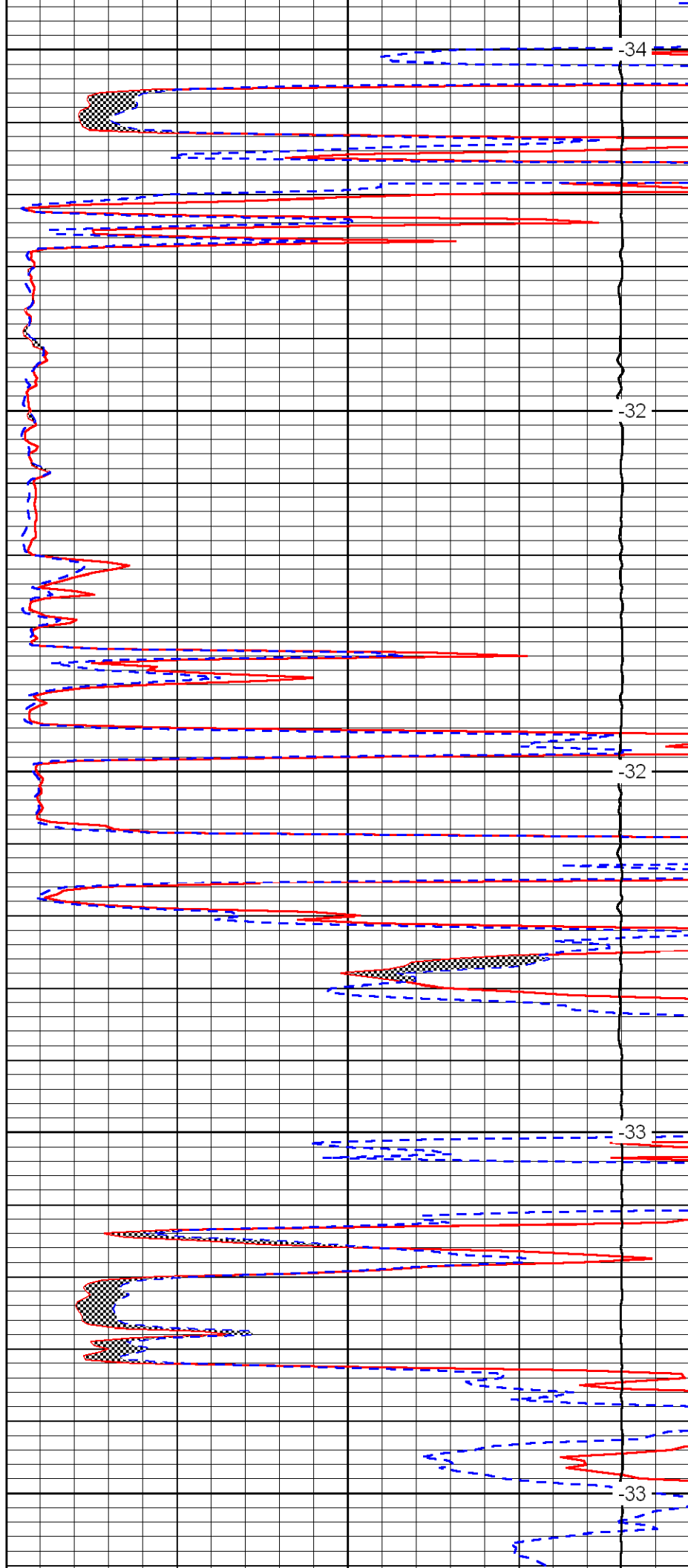
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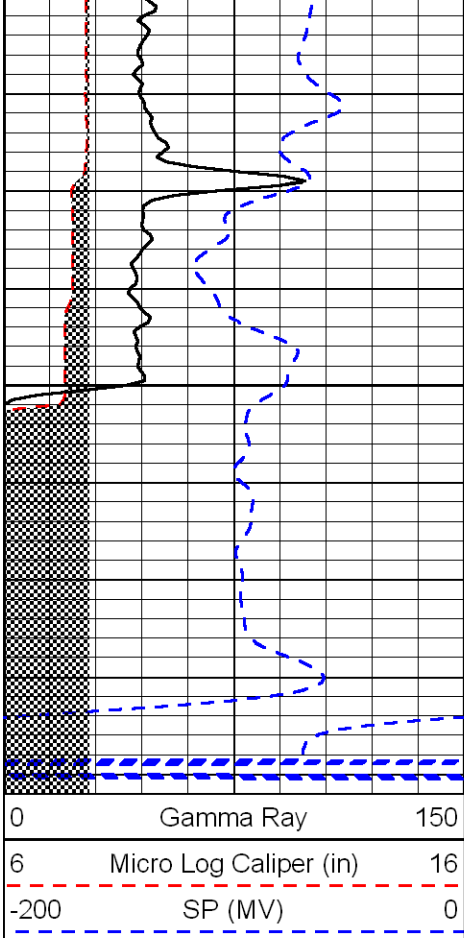
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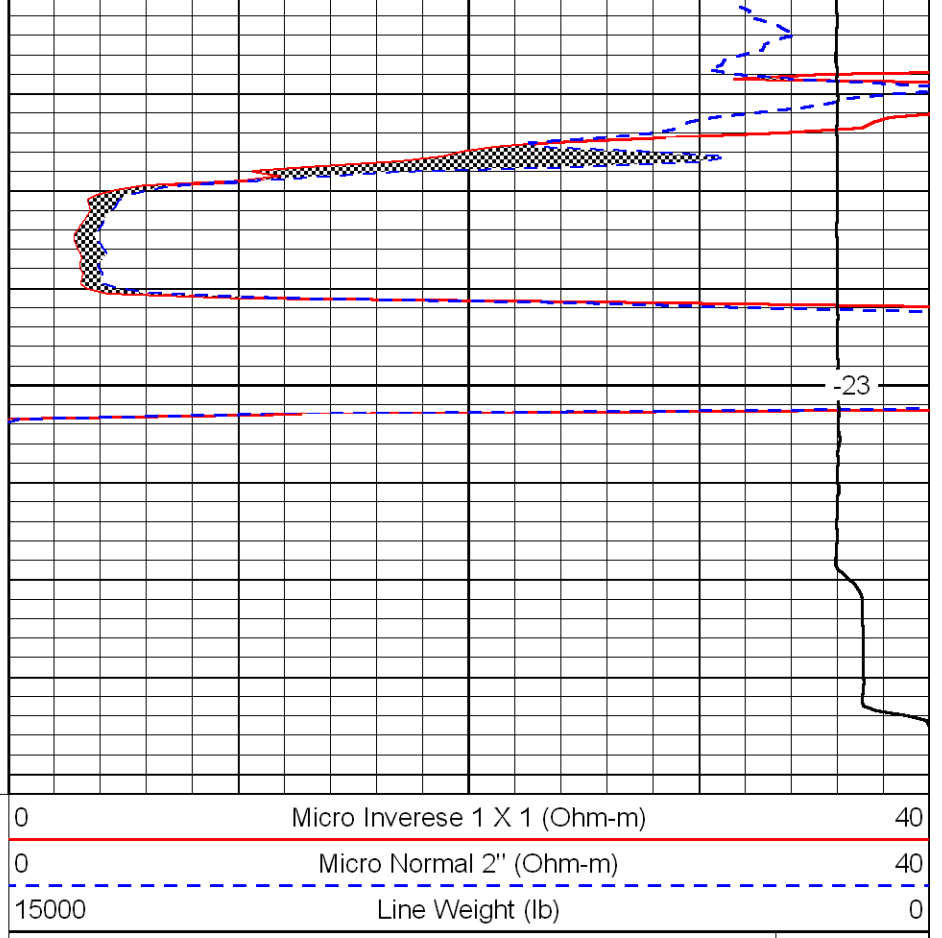
5000

5050





5100



-23

LSPD
(ft/min)