



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,178-00-00

Company Larson Engineering, Inc.

Well Fager #1-30

Field Wildcat

County Lane State Kansas

Location 935' FNL & 1543' FEL

Sec: 30 Twp: 18S Rge: 29W

Other Services
CNL / CDL
MEL

Permanent Datum Ground Level Elevation 2834

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing K.B. 2844
D.F. 2834
G.L. 2834

Date 7/11/2009

Run Number One

Depth Driller 4650

Depth Logger 4652

Bottom Logged Interval 4651

Top Log Interval 3600

Casing Driller 8.625 @ 266

Casing Logger 264

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 2.900

Density / Viscosity 9.3 50

pH / Fluid Loss 11.0 7.6

Source of Sample Flowline

Rm @ Meas. Temp .75 @ 78

Rmf @ Meas. Temp .56 @ 78

Rmc @ Meas. Temp 1.01 @ 78

Source of Rmf / Rmc Charts

Rm @ BHT .48 @ 122

Operating Rig Time 3 1/2 Hours

Max Rec. Temp. F 122

Equipment Number 4

Location Hays

Recorded By T. Martin

Witnessed By Steve Davis

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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.

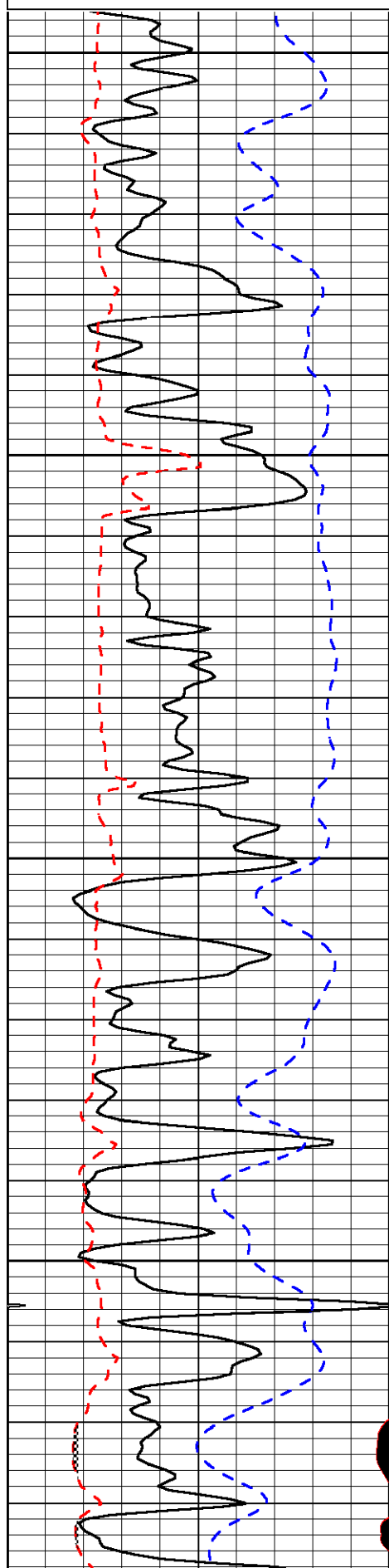
Comments

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

Dighton, 5 W to Gage Rd, 1 1/2 S, W into

Database File: Irsnhd.db
Dataset Pathname: dil/Irsnstk
Presentation Format: micro
Dataset Creation: Sat Jul 11 10:55:51 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
2.875	mcal (GAPI)	7.875
-200	SP	0



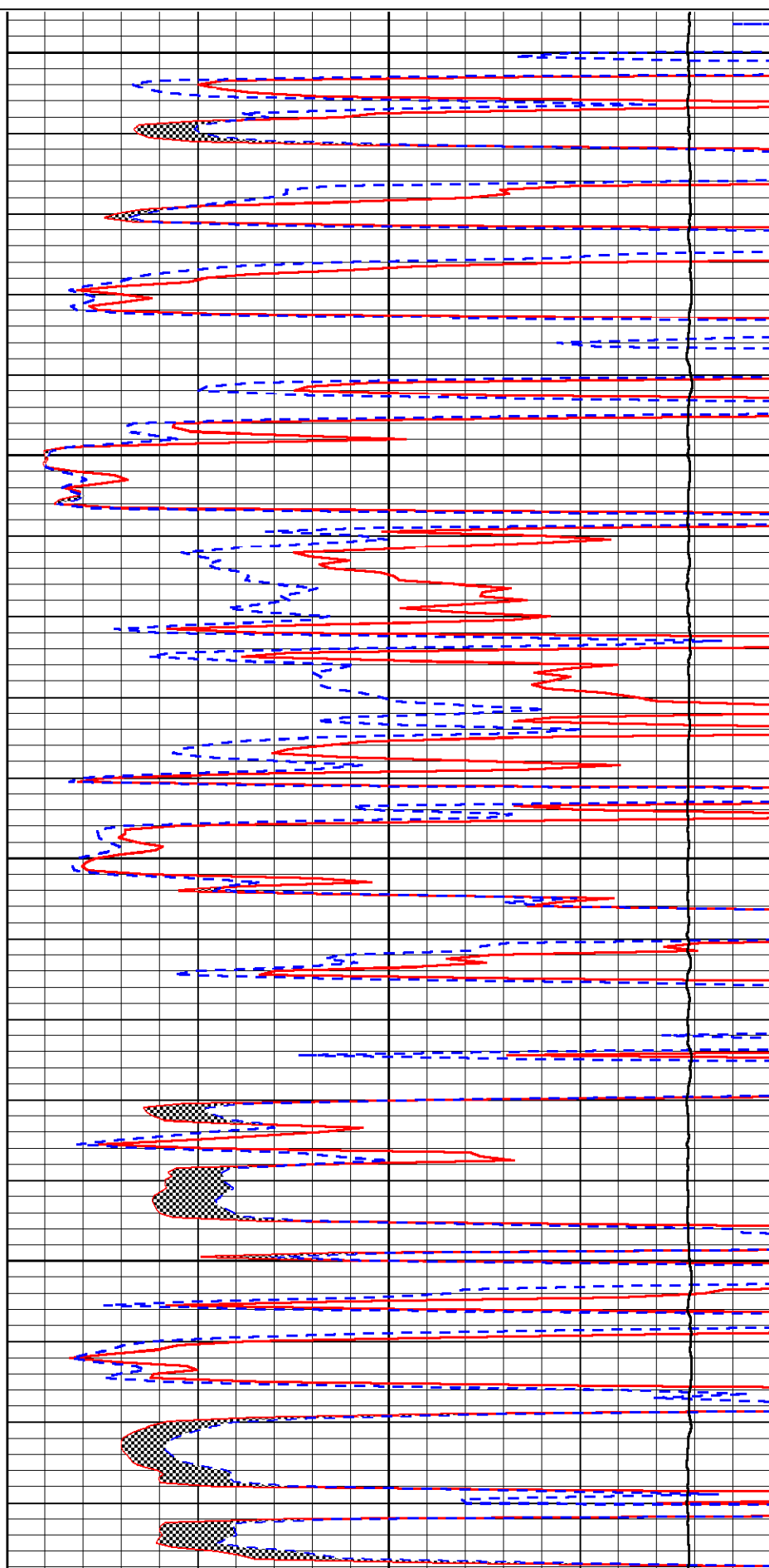
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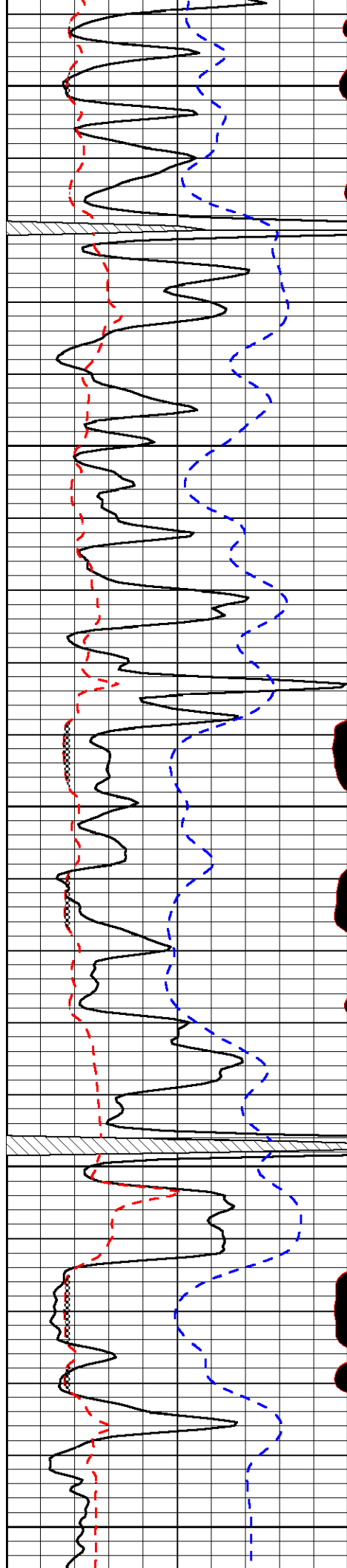
3650

3700

3750

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





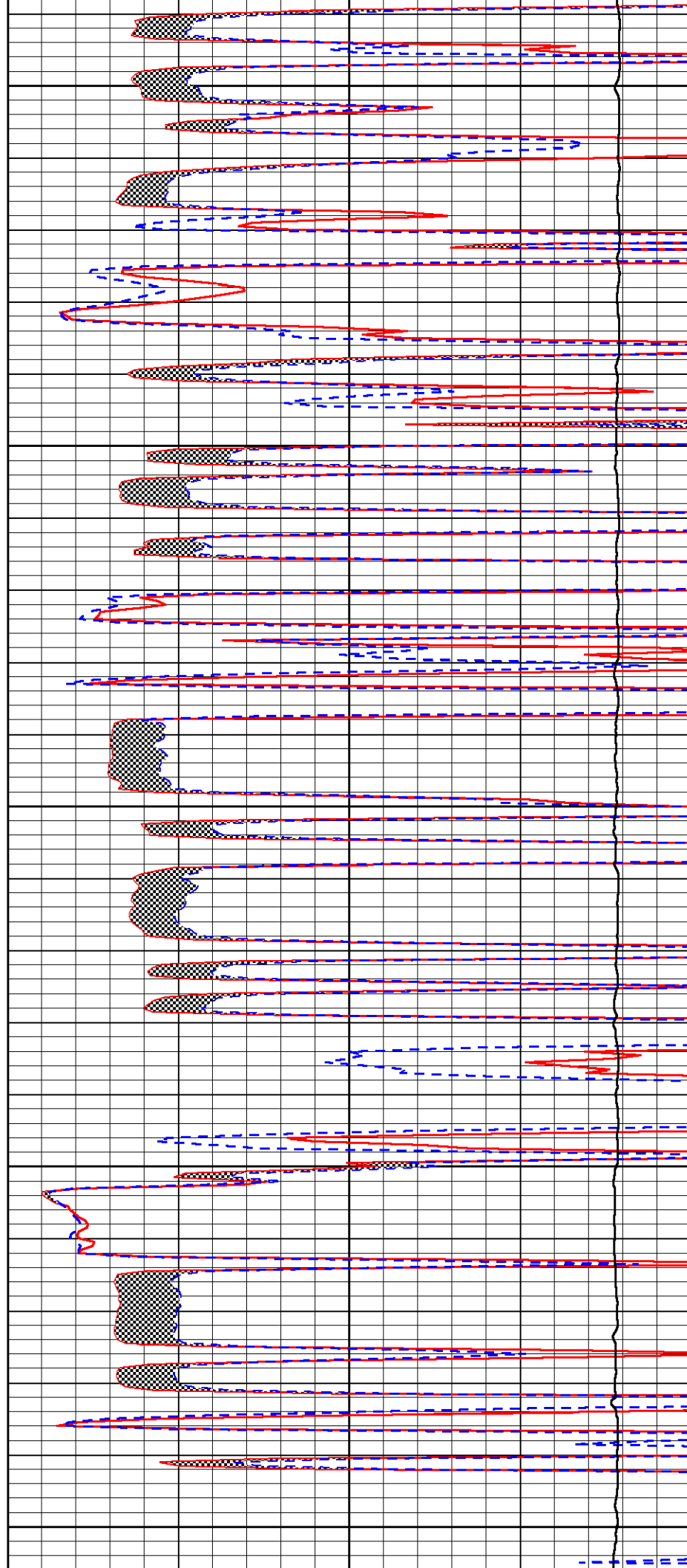
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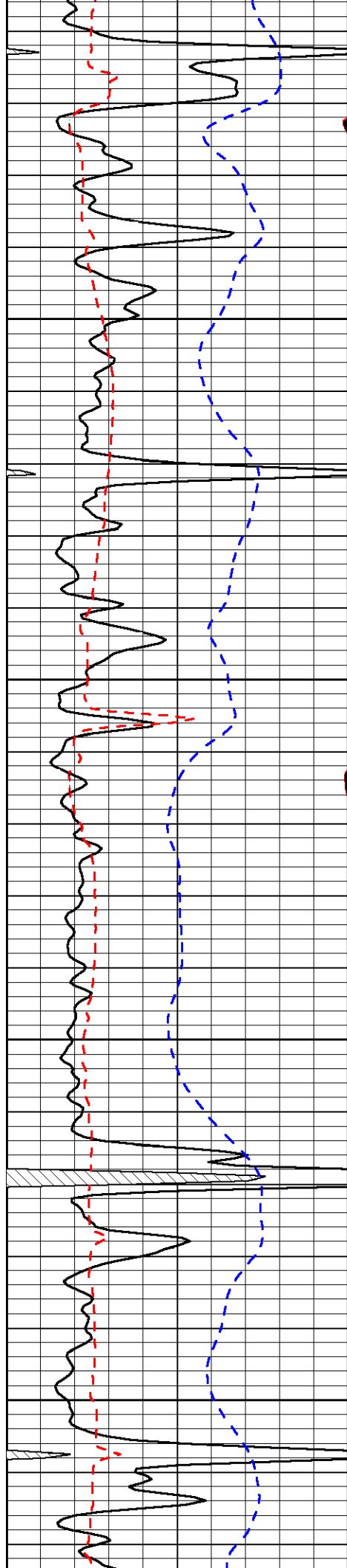
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3900

3950

4000



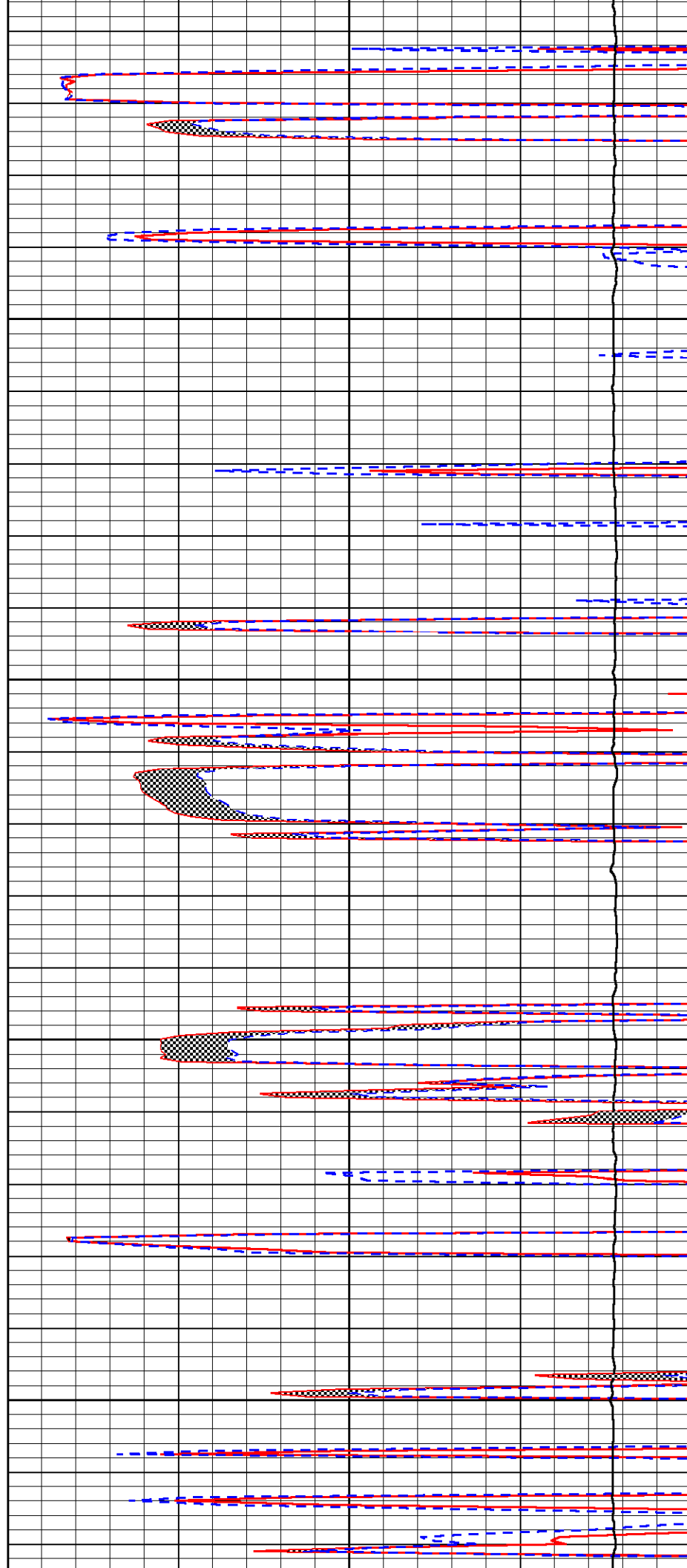


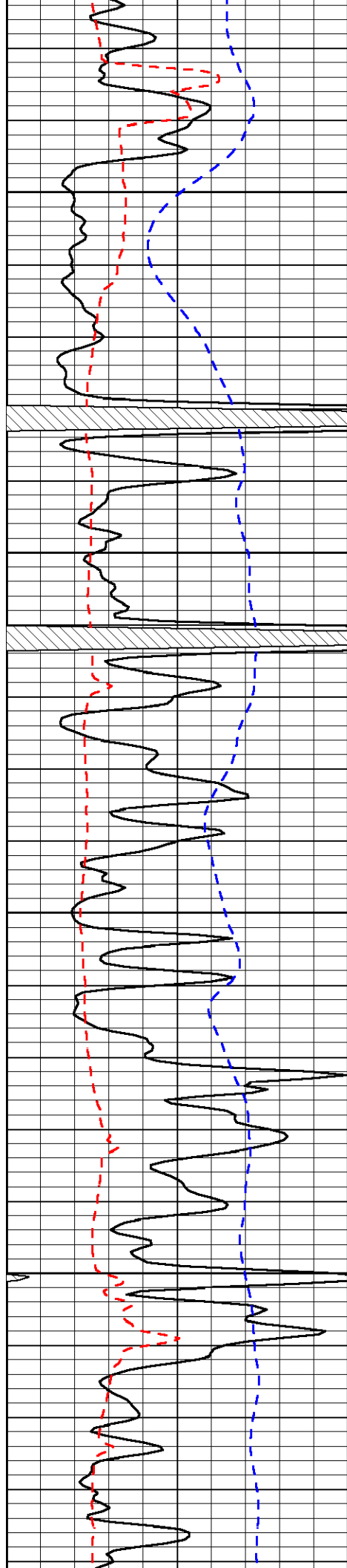
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4100

4150

4200



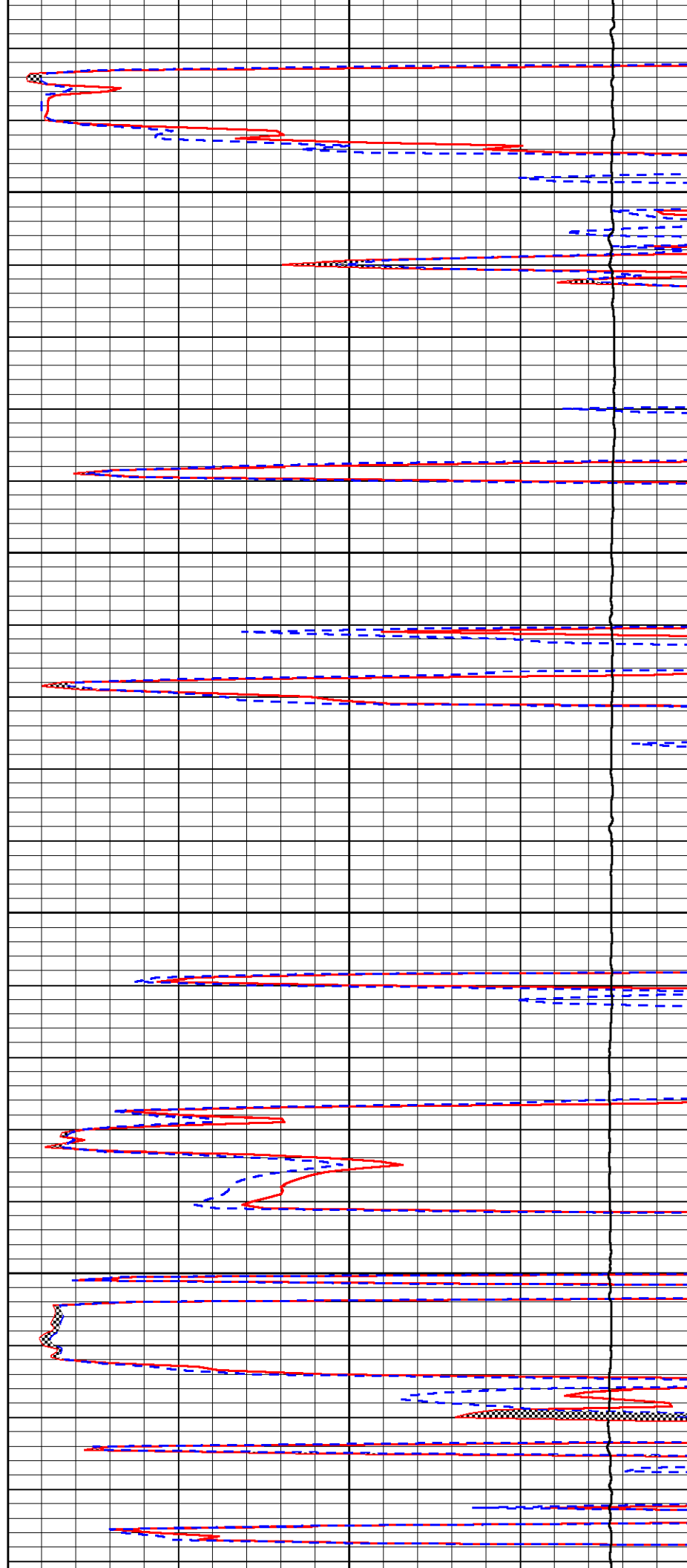


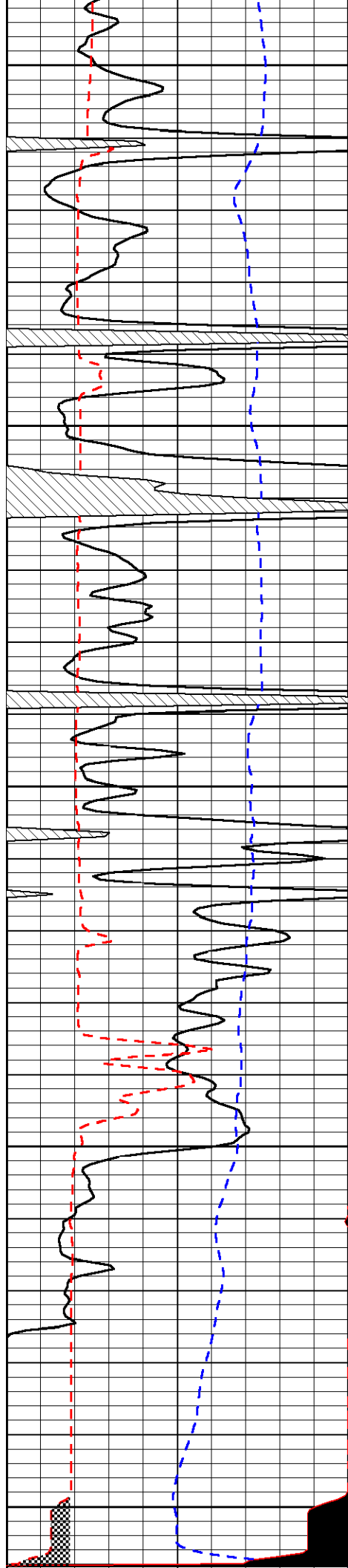
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4350

4400





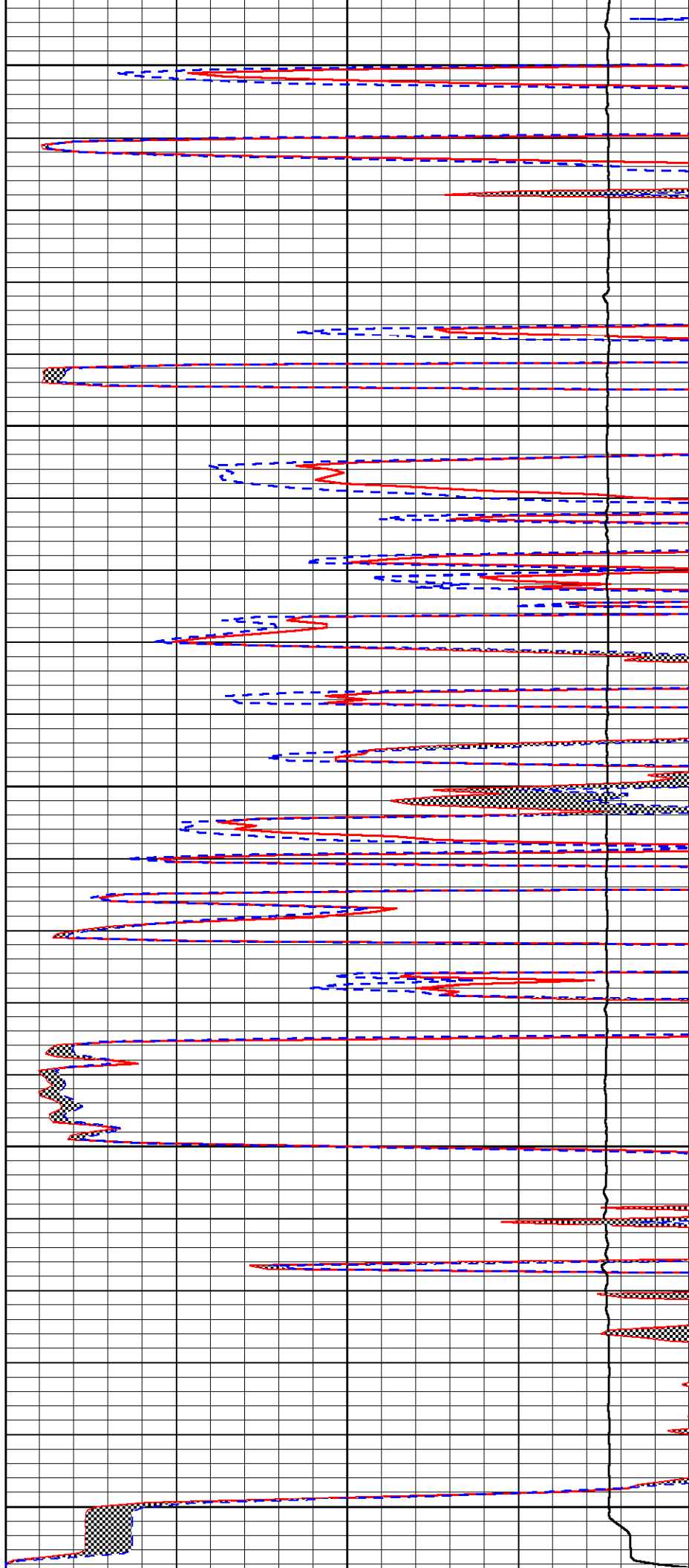
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4500

4550

4600

4650



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