



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-101-22,368-00-00

Company Larson Engineering, Inc.

Well Leroy No.1-13

Field Wildcat

County Lane State Kansas

Location 347' FSL & 1329' FEL

Sec: 13

Twp: 19S Rge: 29W

Other Services
CNL/CDL
DIL

Elevation

Elevation 2804

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 2811
D.F.
G.L. 2804

Date

5/15/2012

Run Number

Two

Depth Driller

4709

Depth Logger

4710

Bottom Logged Interval

4709

Top Log Interval

3600

Casing Driller

8.625 @ 259

Casing Logger

252

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

2.800

Density / Viscosity

9.5 85

pH / Fluid Loss

10.0 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

.85 @ 71

Rmf @ Meas. Temp

.64 @ 71

Rmc @ Meas. Temp

1.15 @ 71

Source of Rmf / Rmc

Charts

Rm @ BHT

.49 @ 123

Operating Rig Time

4 Hours

Max Rec. Temp. F

123

Equipment Number

17

Location

Hays

Recorded By

C. Desaire

Witnessed By

Bob Lewellyn

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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.

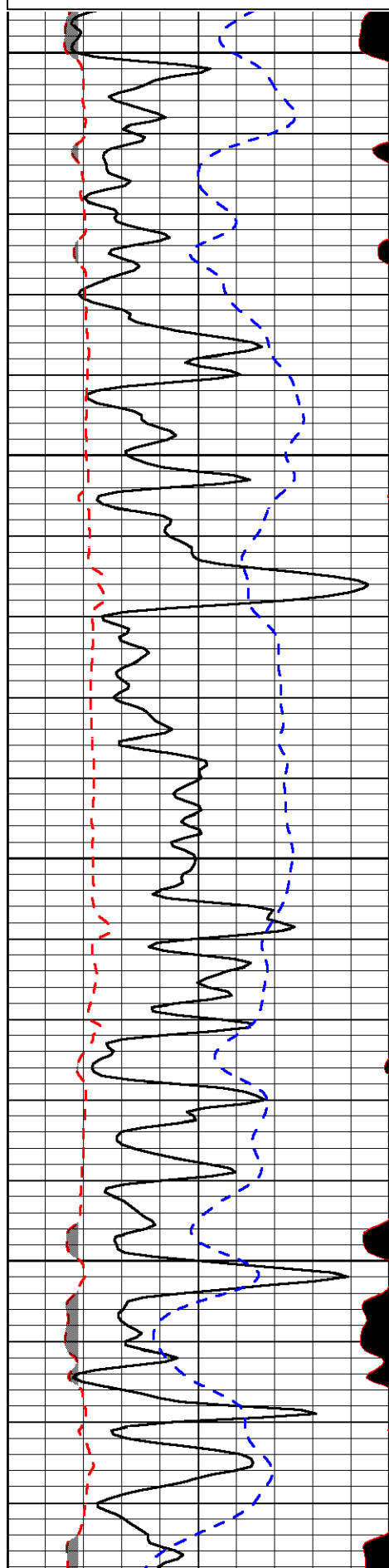
Comments

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

Dighton KS,
6 S to Rd 90, 1/4 W, N Into

Database File: larsonhd.db
Dataset Pathname: dil/larstk
Presentation Format: micro
Dataset Creation: Wed May 16 01:38:34 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



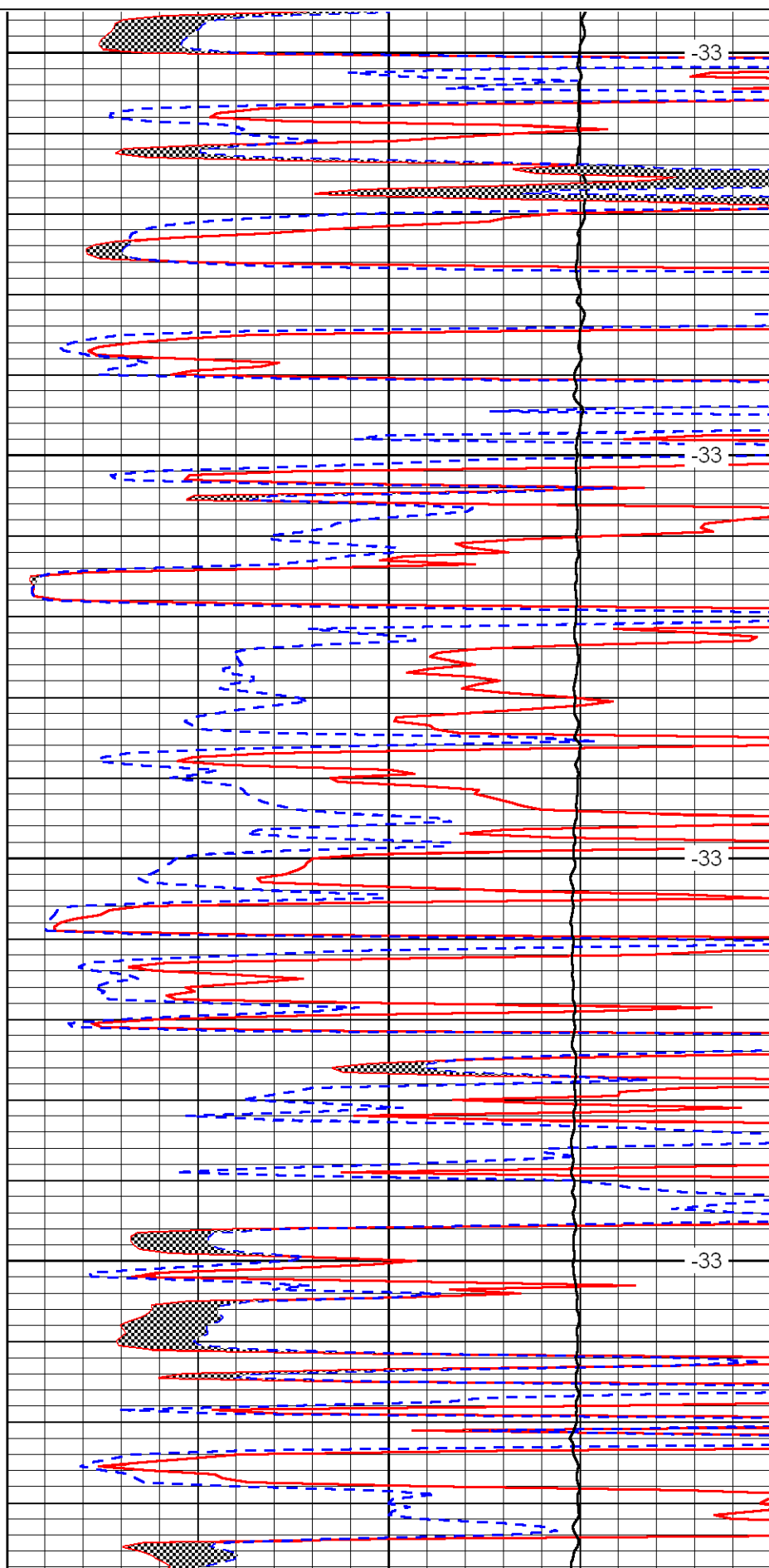
3600

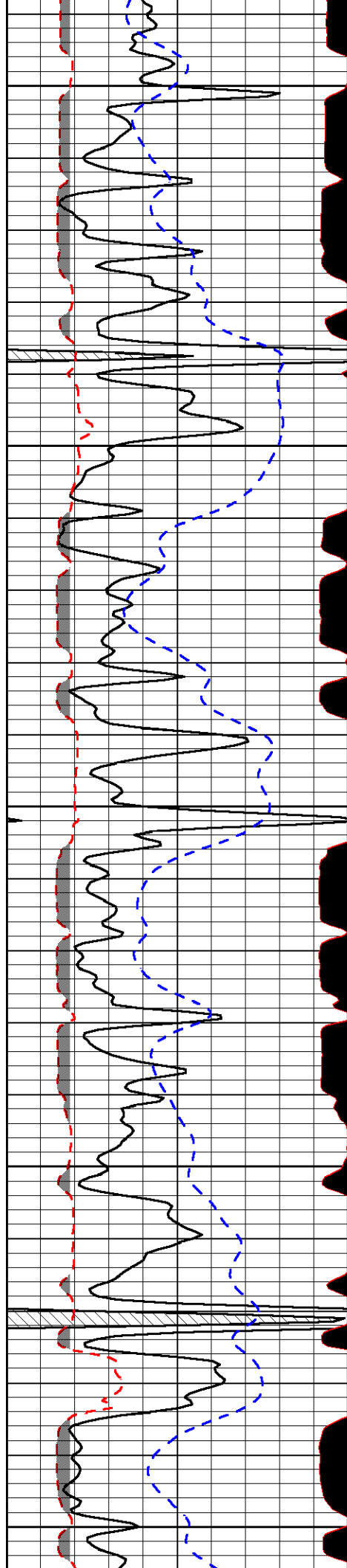
3650

3700

3750

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





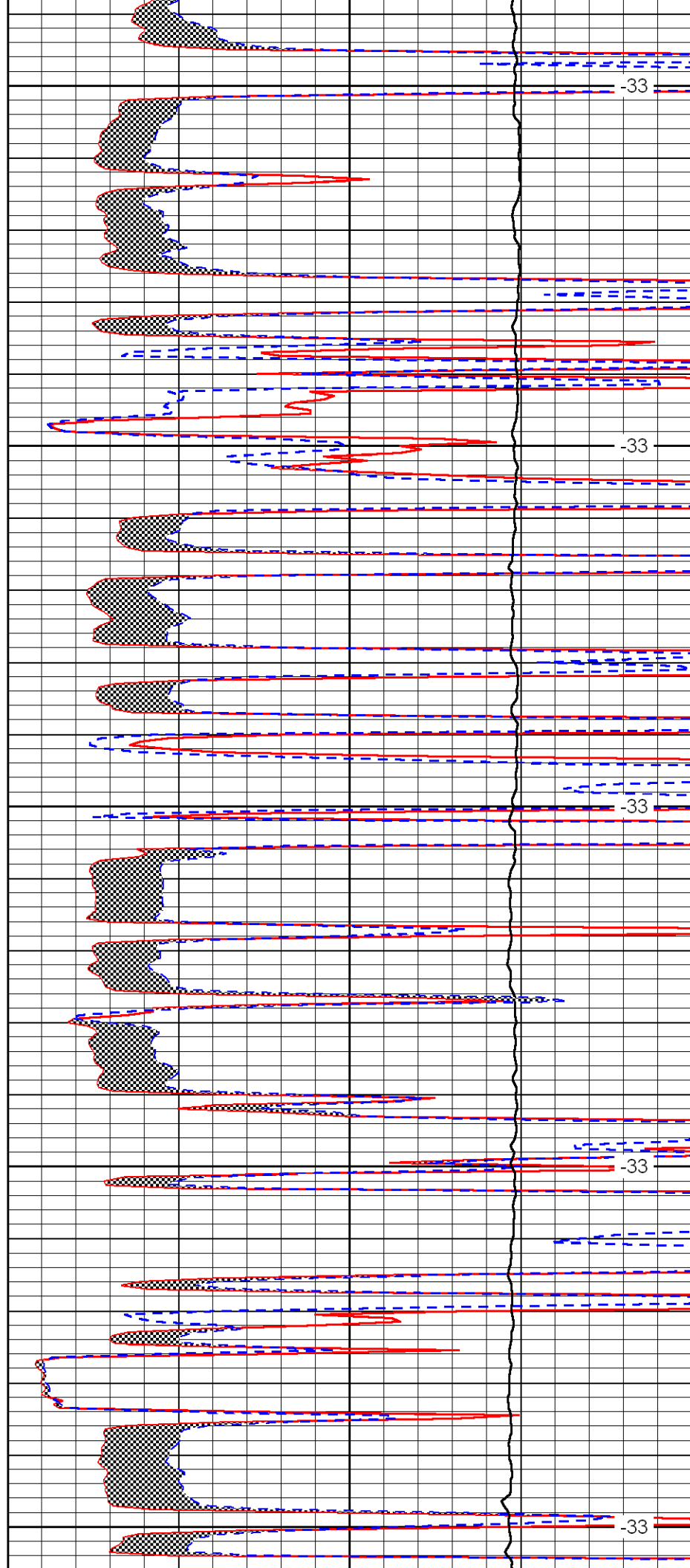
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3850

3900

3950

4000



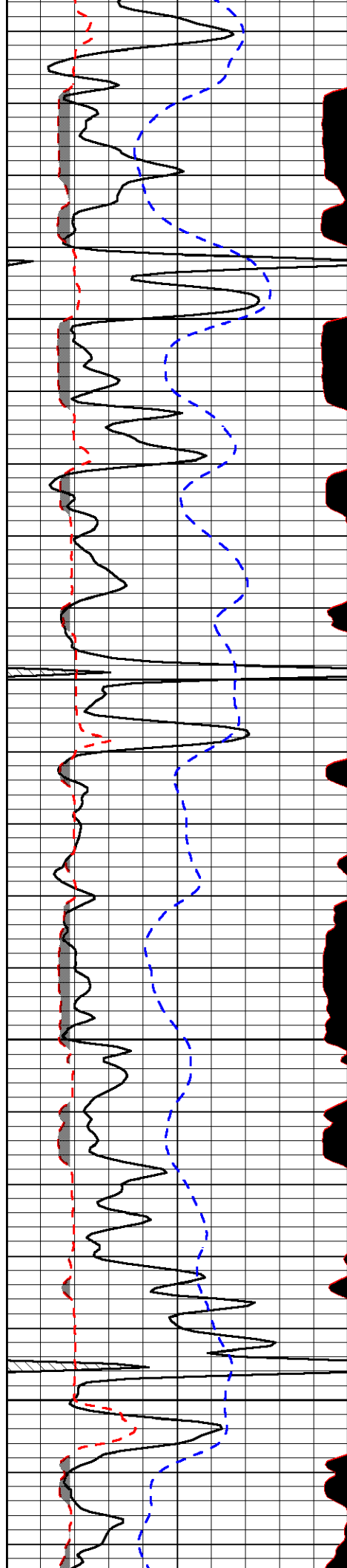
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-33

-33

-33

-33

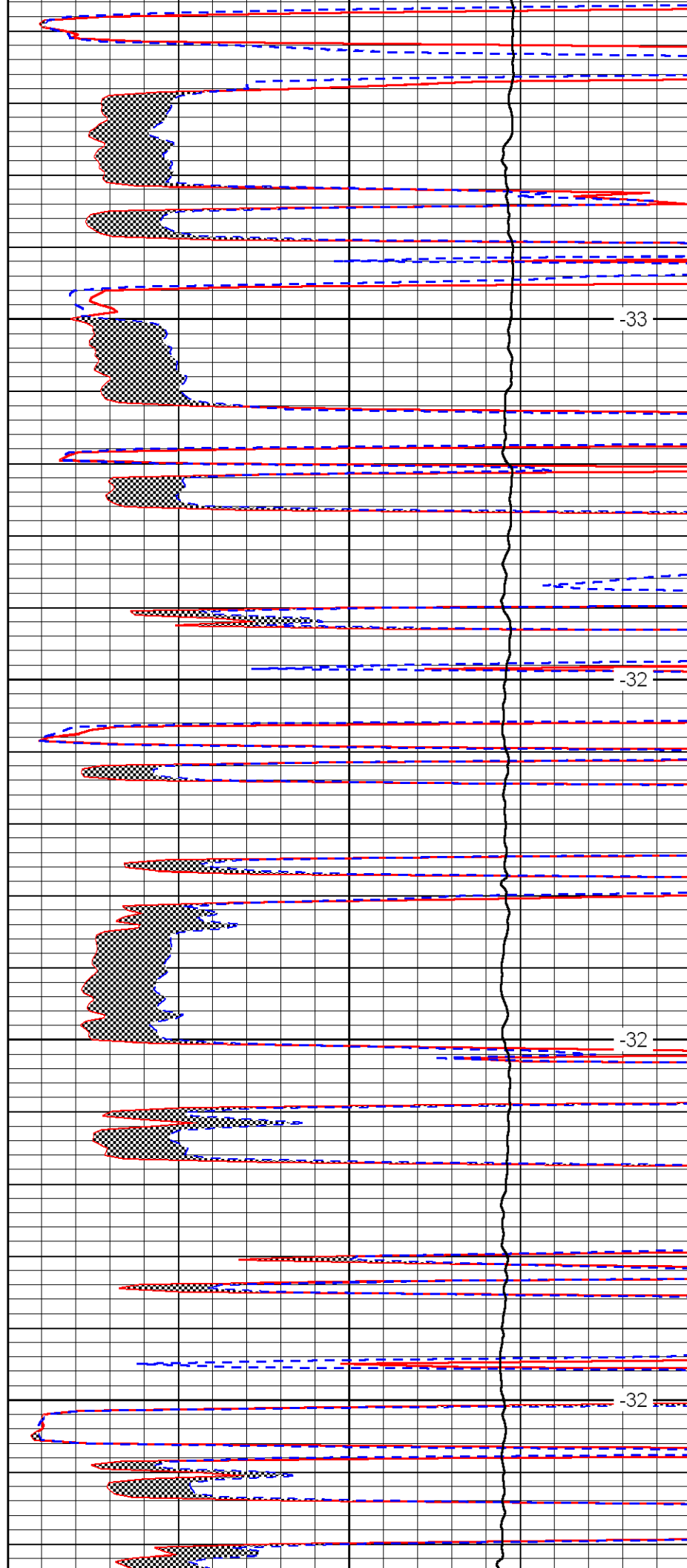


4050

4100

4150

4200

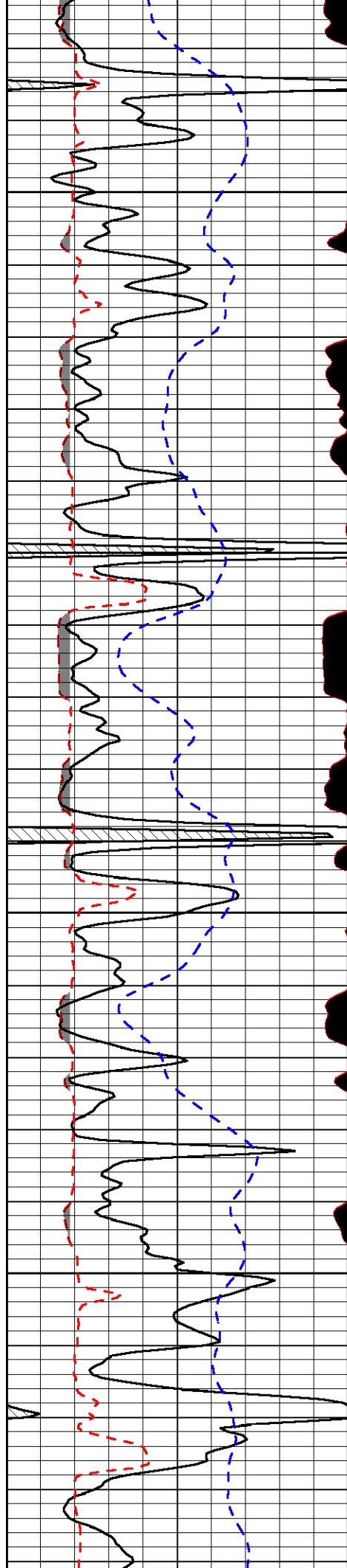


-33

-32

-32

-32

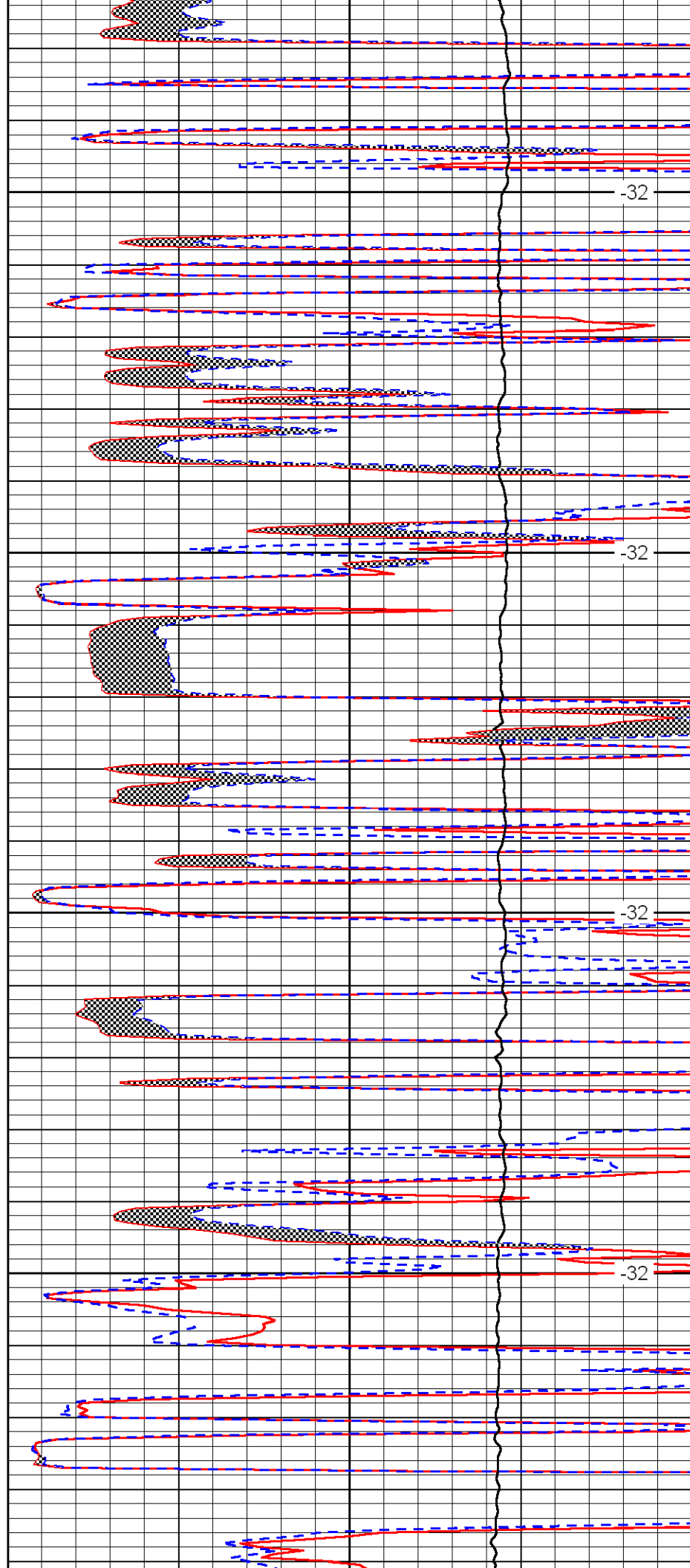


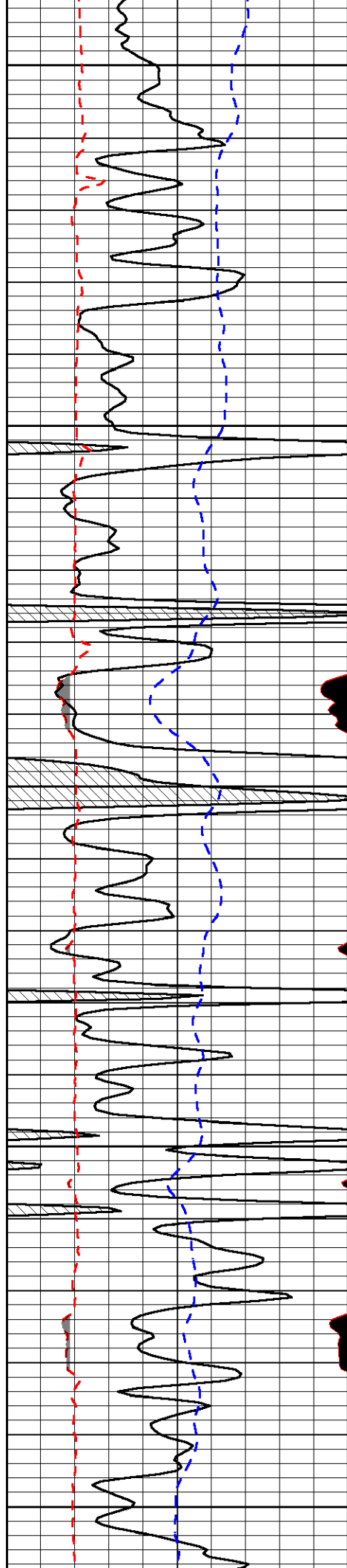
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4300

4350

4400





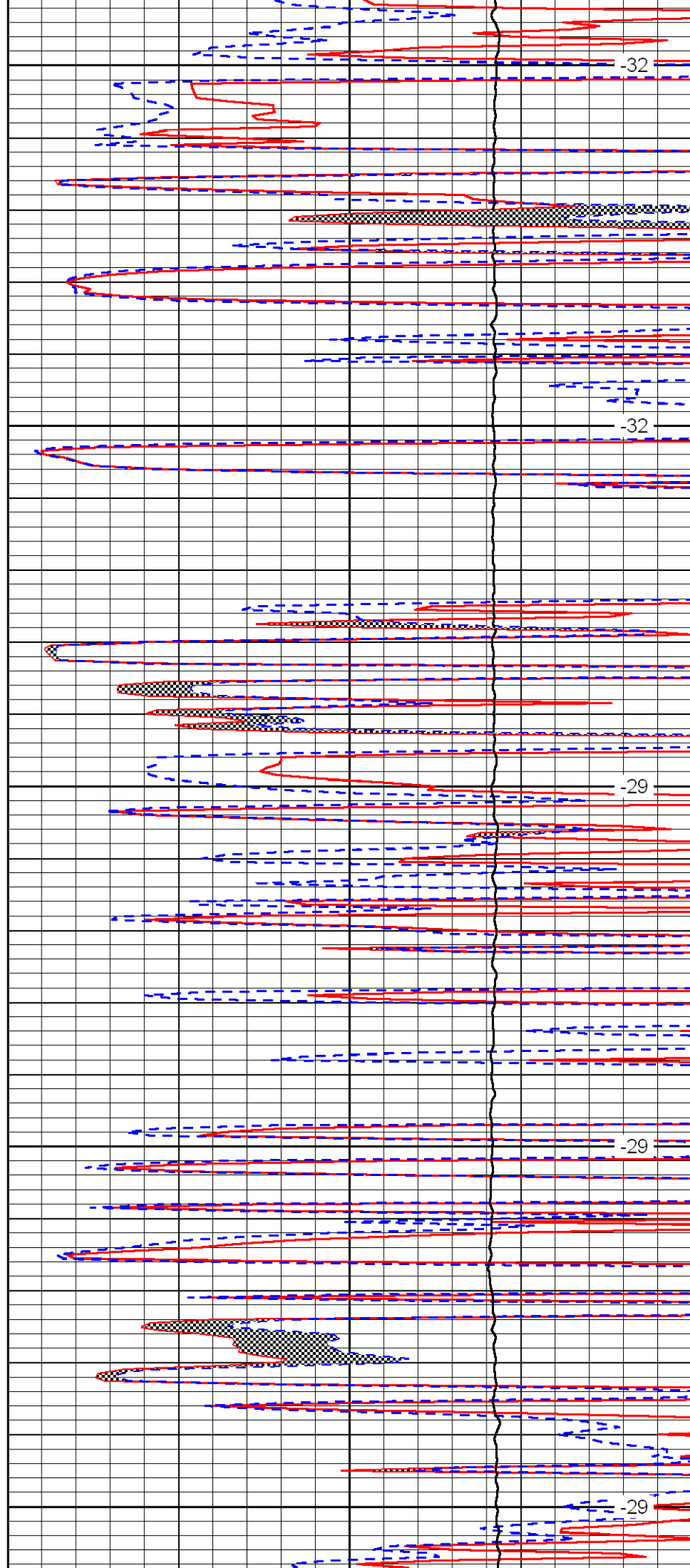
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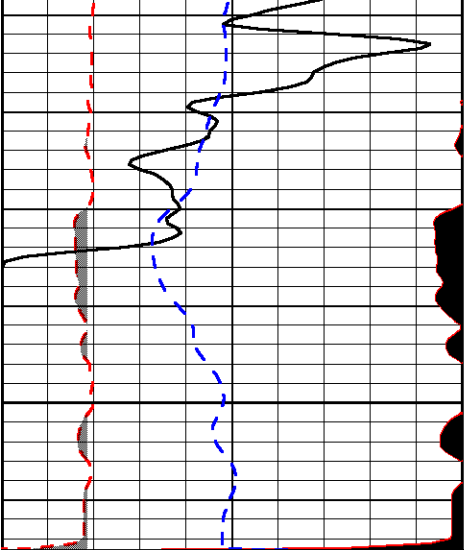
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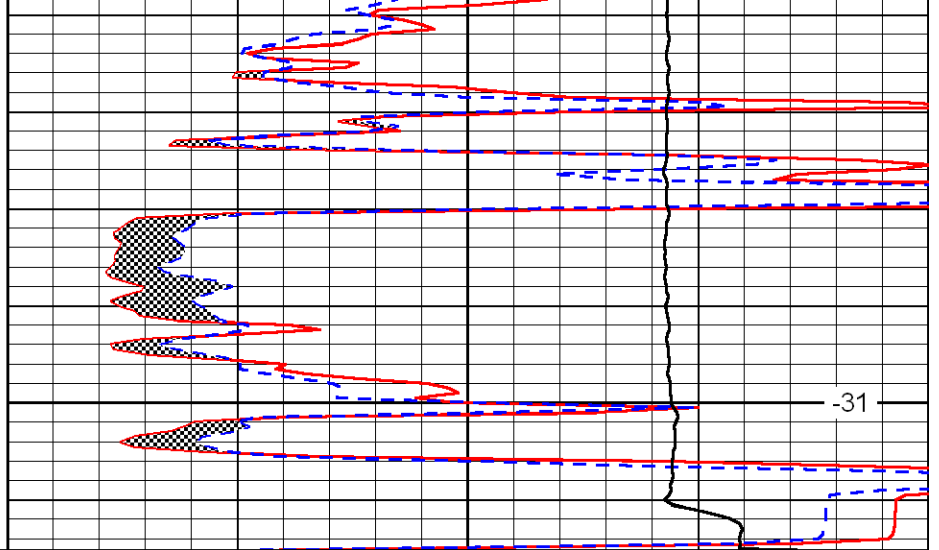
4650





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