



Microresistivity Log

Pioneer Energy Services

API No.

15-009-26,055-00-00

Company LB Exploration, Inc.

Well Alexis B No. 1

Field Hampel

County

Barton

State

Kansas

Location

1700' FNL & 2055' FEL

Sec: 33

Twp: 17s

Rge: 15w

Permanent Datum

Ground Level

Elevation 2015

Log Measured From

Kelly Bushing

13 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

Elevation

K.B. 2028

D.F. 2015

G.L. 2015

Date

11/22/2014

Run Number

Two

Depth Driller

3640

Depth Logger

3638

Bottom Logged Interval

3637

Top Log Interval

2700

Casing Driller

8.625 @ 1043

Casing Logger

1068

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7000

Density / Viscosity

9.4 54

pH / Fluid Loss

8.5 11.2

Source of Sample

Flowline

Rm @ Meas. Temp

.15 @ 63

Rmf @ Meas. Temp

.11 @ 63

Rmc @ Meas. Temp

.20 @ 63

Source of Rmf / Rmc

Charts

Rm @ BHT

.08 @ 112

Operating Rig Time

4.5 Hours

Max Rec. Temp. F

112

Equipment Number

108

Location

Hays

Recorded By

D. Fischer

Witnessed By

J. Long

Steven Petermann

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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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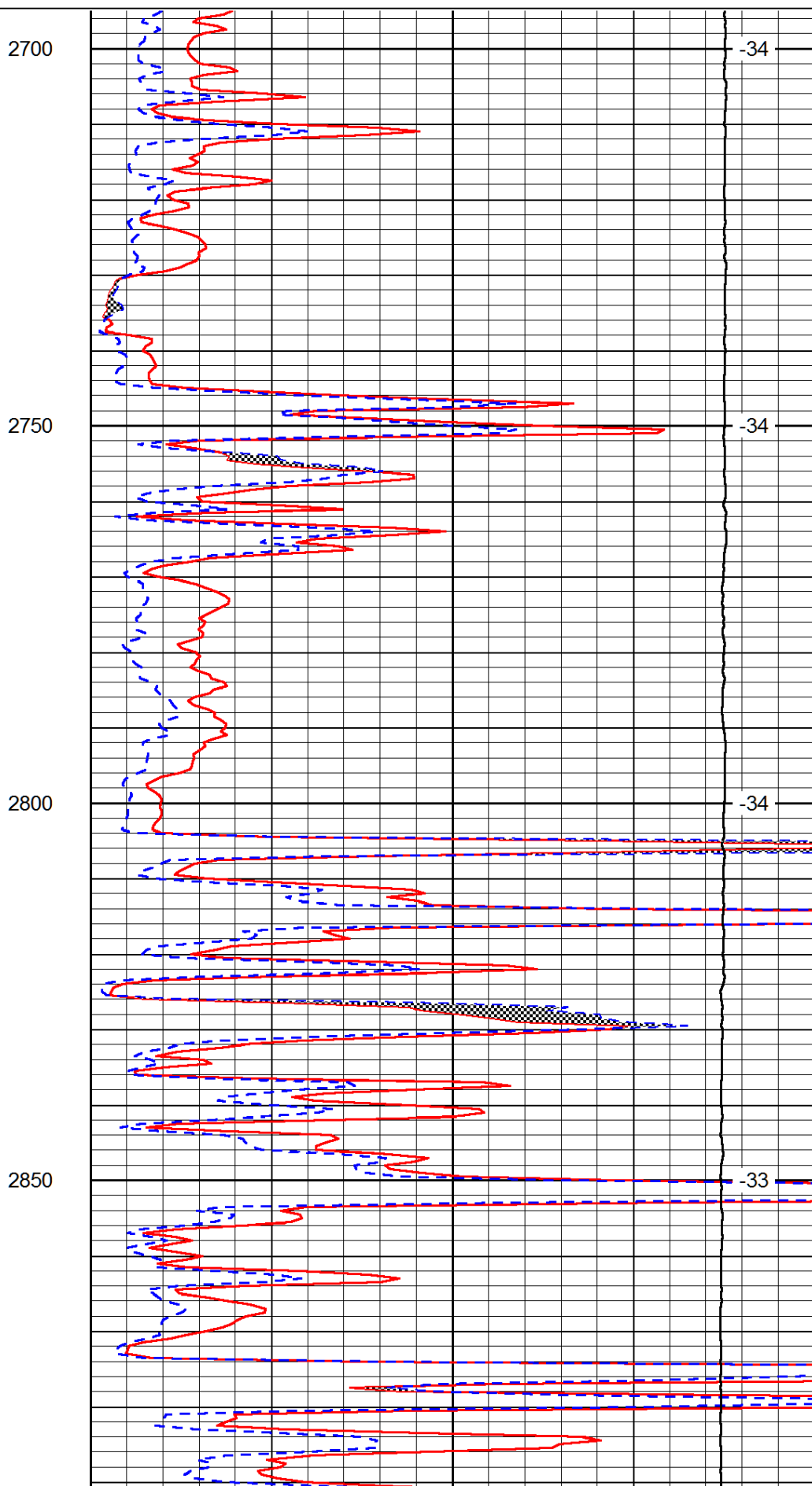
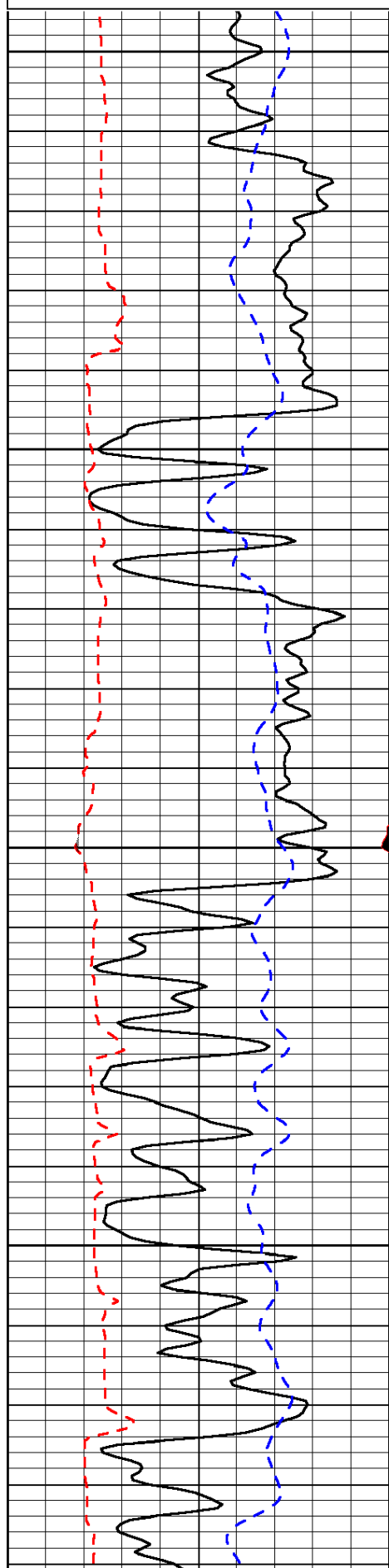
Hoisington Ks., East To 110 Rd., 1/2 South, West Into.

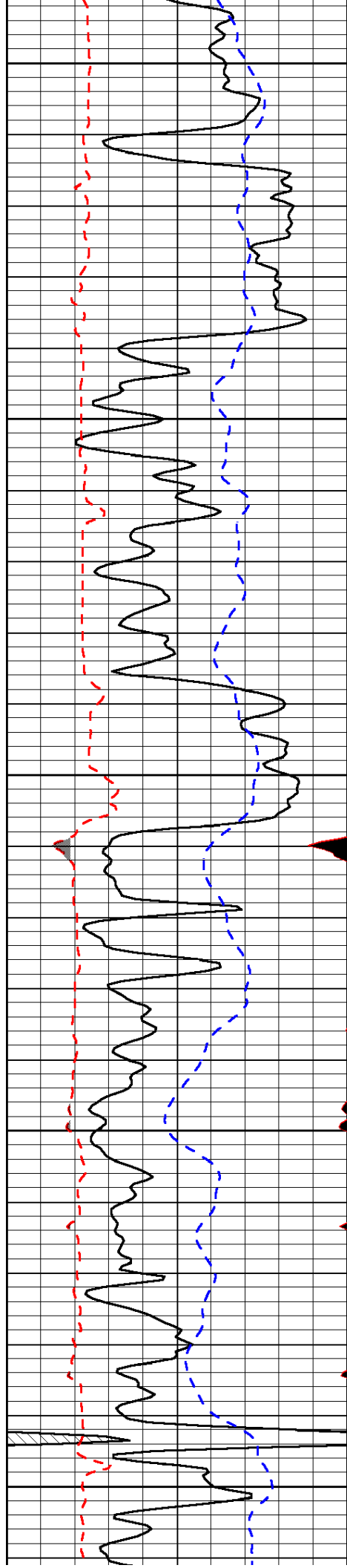
Database File: lb_exploration_alexis_b_1hd.db
Dataset Pathname: DIL/lbstck
Presentation Format: micro
Dataset Creation: Sat Nov 22 23:31:28 2014
Charted by: Depth in Feet scaled 1:240

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

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

LSPD





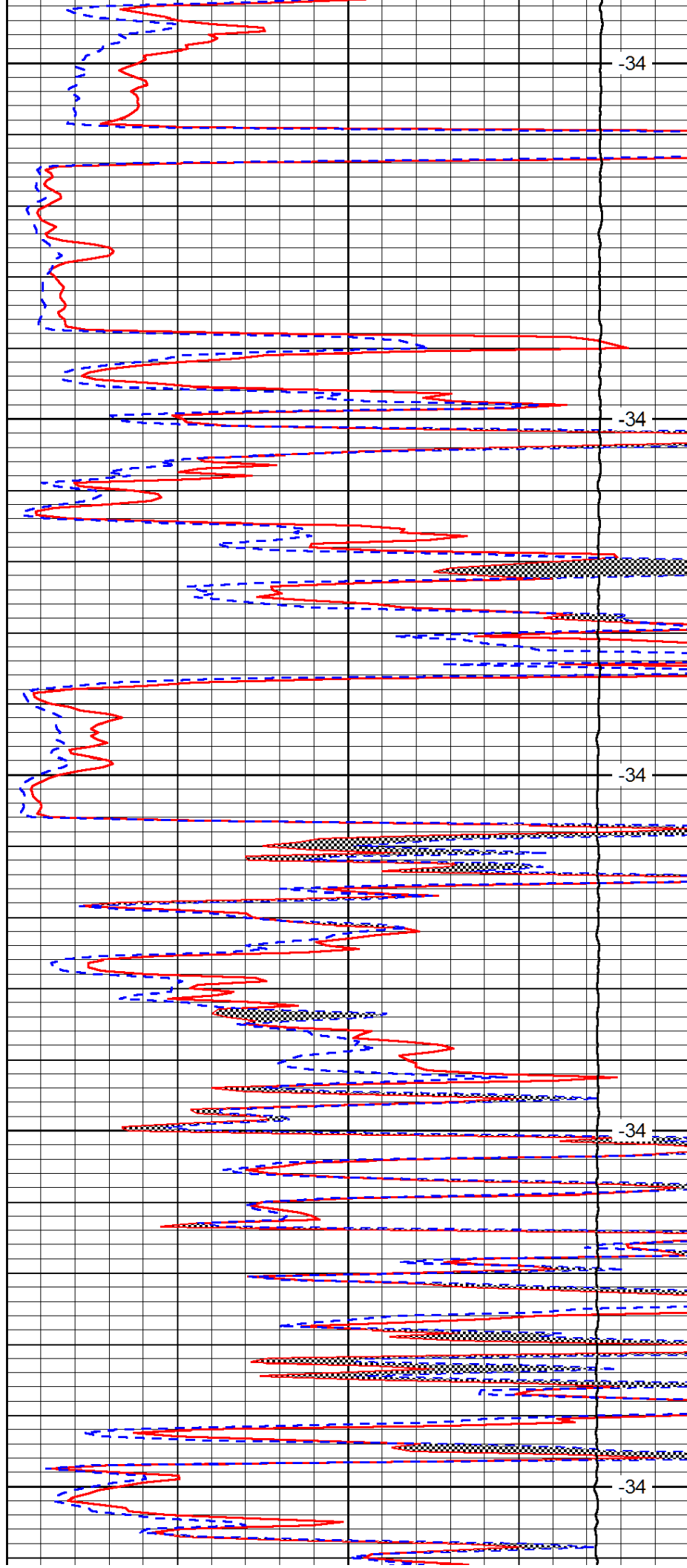
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2950

3000

3050

3100



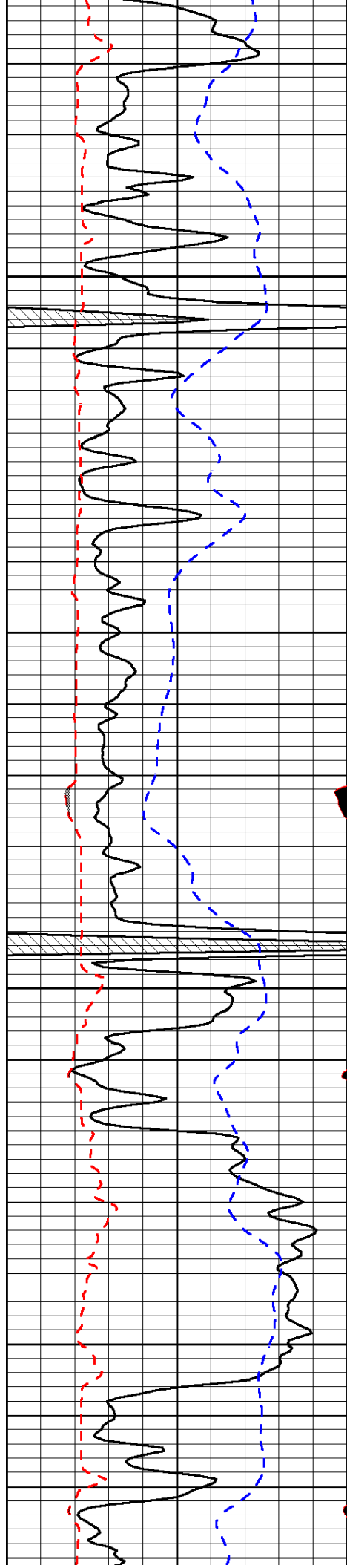
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-34

-34

-34

-34

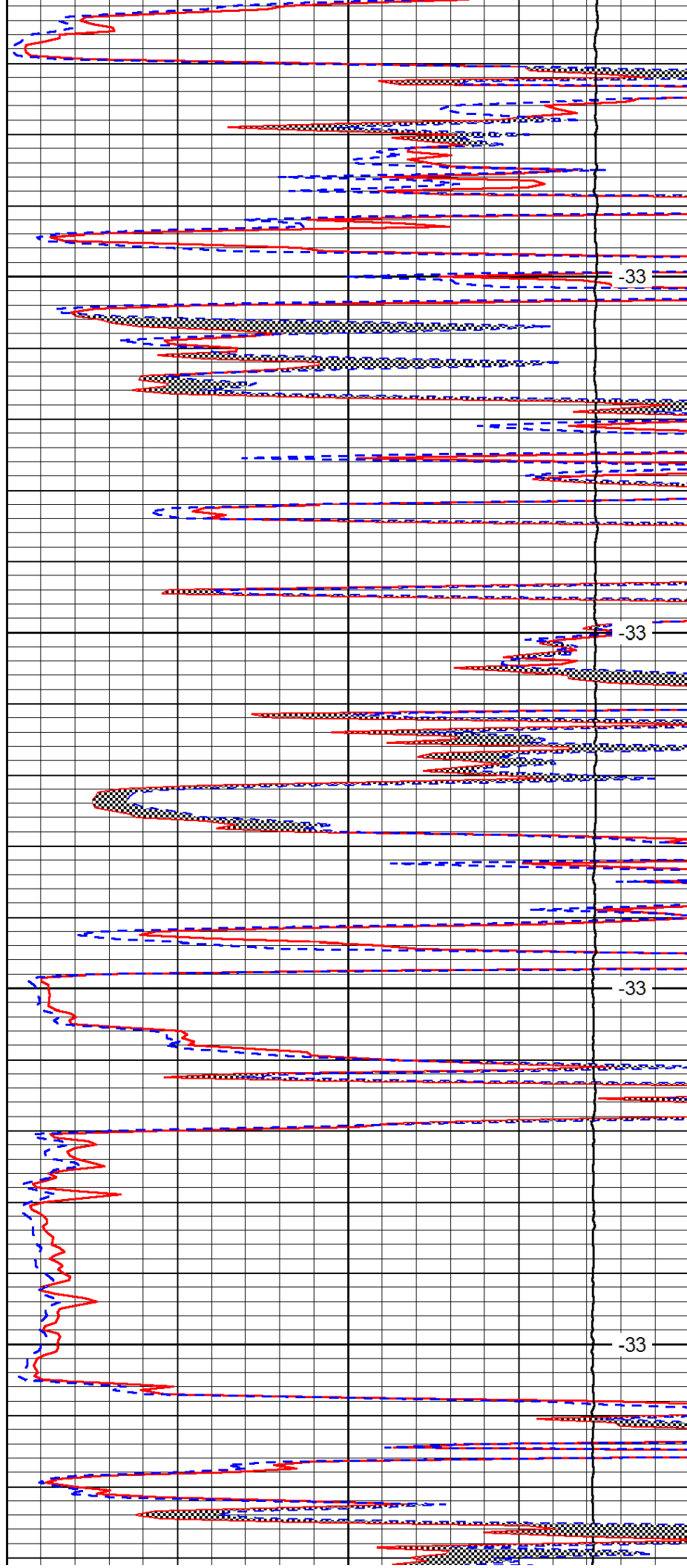


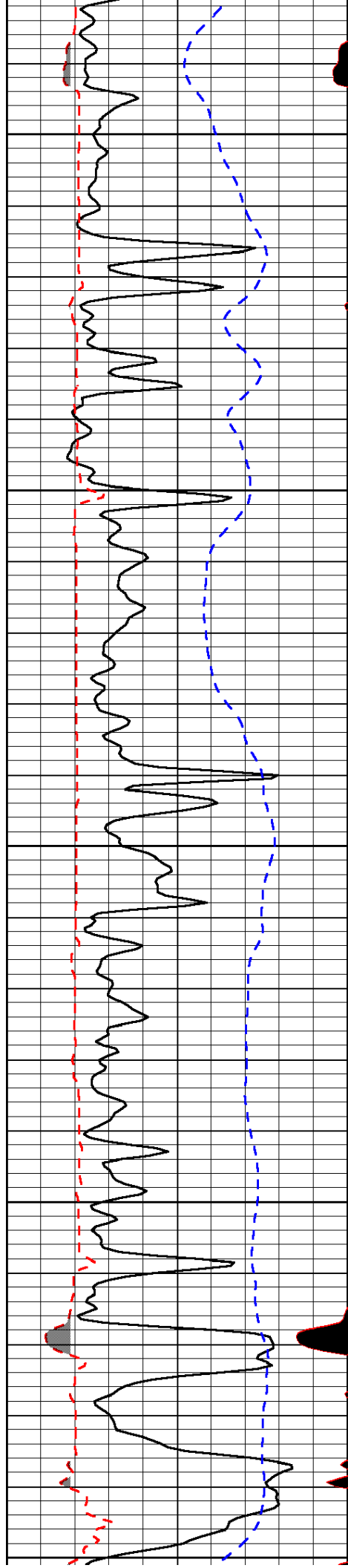
3150

3200

3250

3300





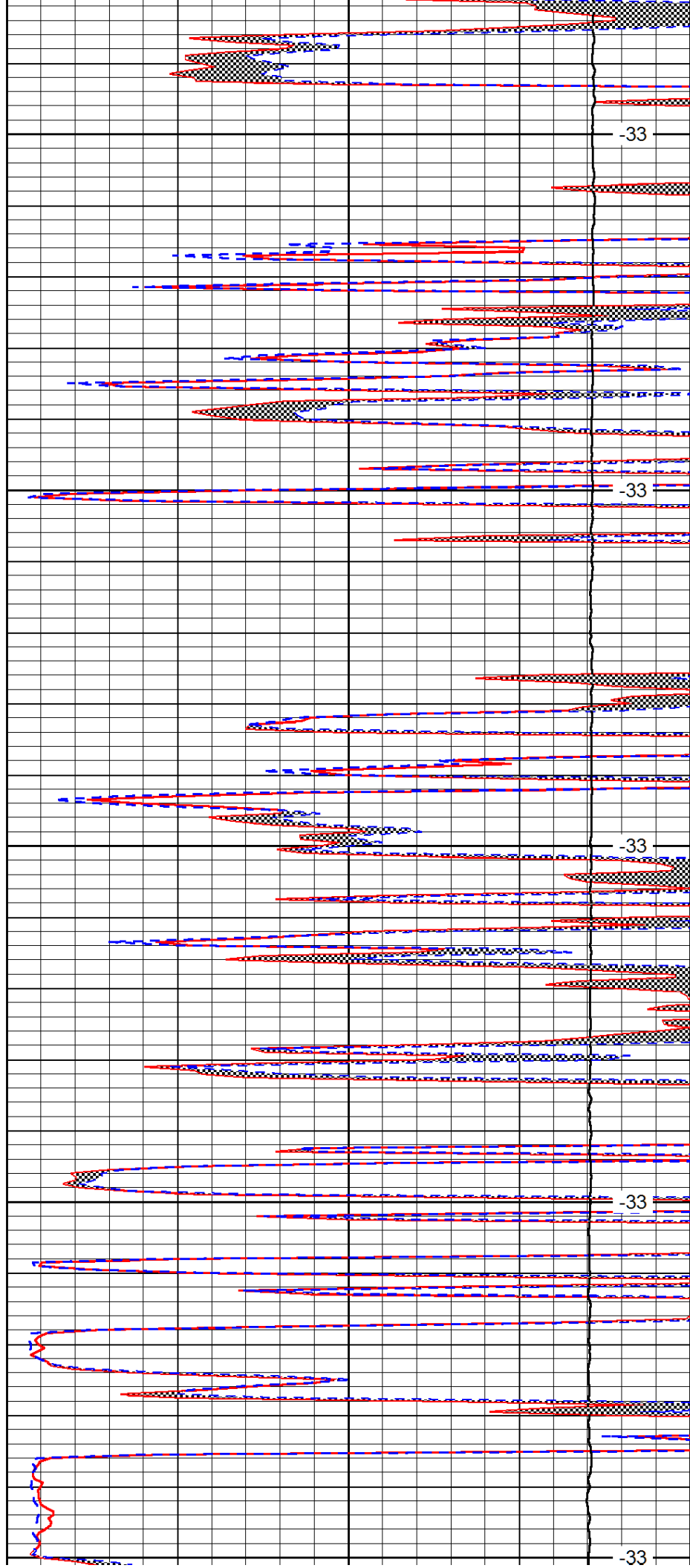
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3500

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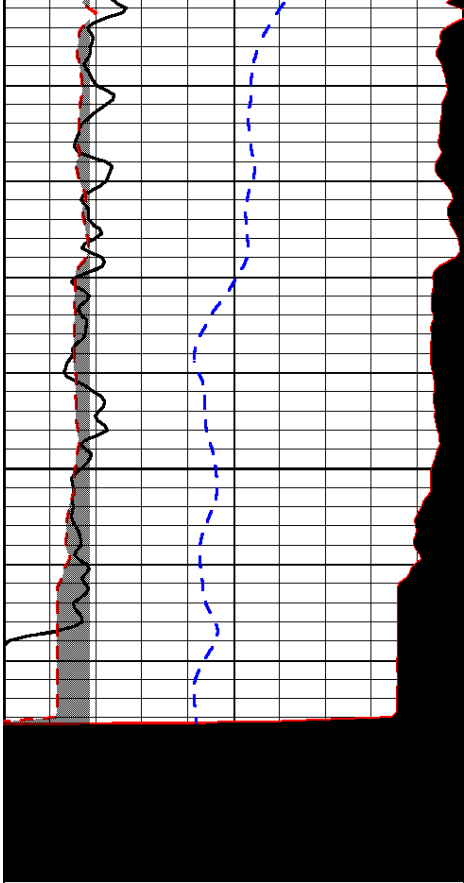
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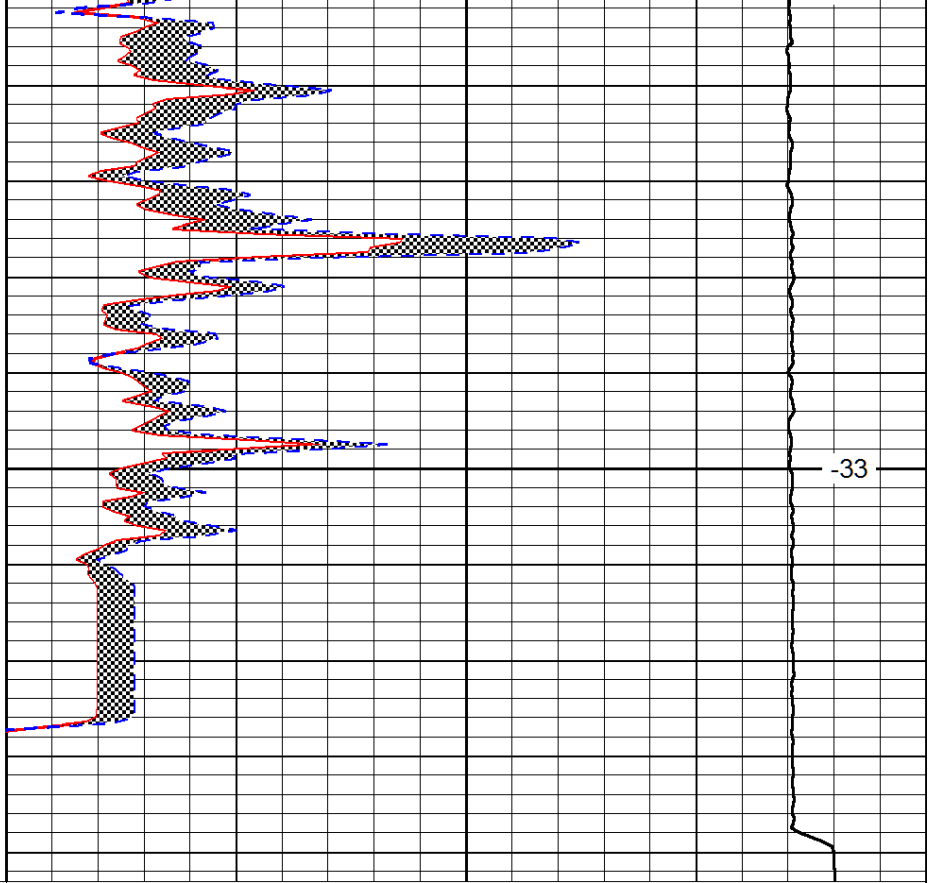
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-33



3600

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