



Microresistivity Log

Pioneer Energy Services

API No.

15-053-21,315-00-00

Company LB Exploration, Inc.

Well Lucky 7 No. 2

Field Stoltenberg

County Ellsworth State

Kansas

Location 432' FSL & 926' FWL

Other Services
CNL/CDL
DIL/BHCS

Sec: 7

Twp: 16S

Rge: 10W

Elevation

Permanent Datum Ground Level Elevation 1896

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

K.B. 1909
D.F.
G.L. 1896

Date 8/27/2014

Run Number Two

Depth Driller 3559

Depth Logger 3552

Bottom Logged Interval 3551

Top Log Interval 2600

Casing Driller 8.625 @ 733

Casing Logger 731

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4000

Density / Viscosity 9.3 48

pH / Fluid Loss 9.5 9.2

Source of Sample Flowline

Rm @ Meas. Temp .63 @ 82

Rmf @ Meas. Temp .47 @ 82

Rmc @ Meas. Temp .85 @ 82

Source of Rmf / Rmc Charts

Rm @ BHT .46 @ 112

Operating Rig Time 4 Hours

Max Rec. Temp. F 112

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By Steven Petermann

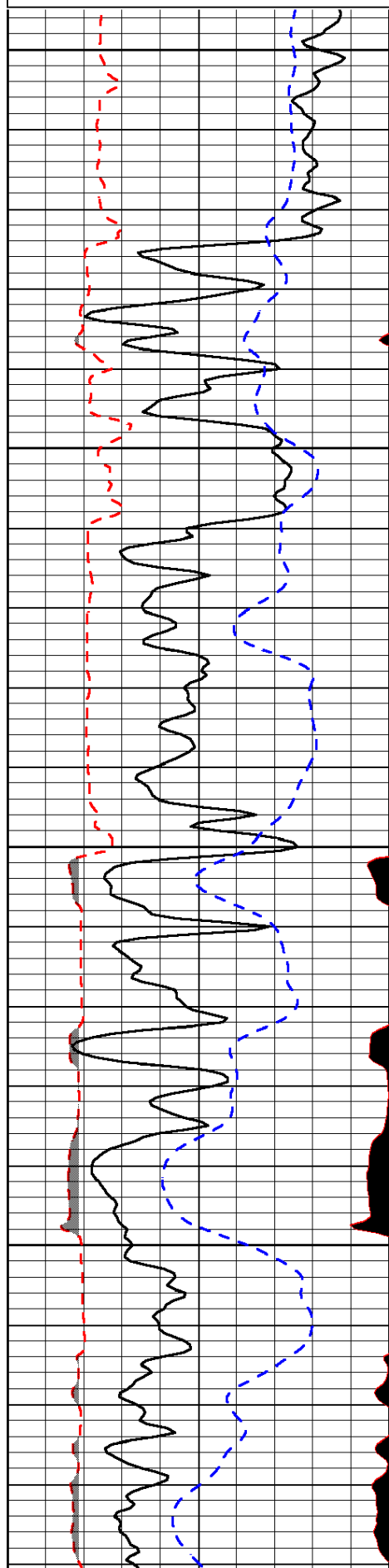
Comments

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

Wilson KS., 10 South, East Into.

Database File: lb_expo_lucky_7-2hd.db
Dataset Pathname: DIL/lbstck
Presentation Format: micro
Dataset Creation: Wed Aug 27 02:43:46 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



2600

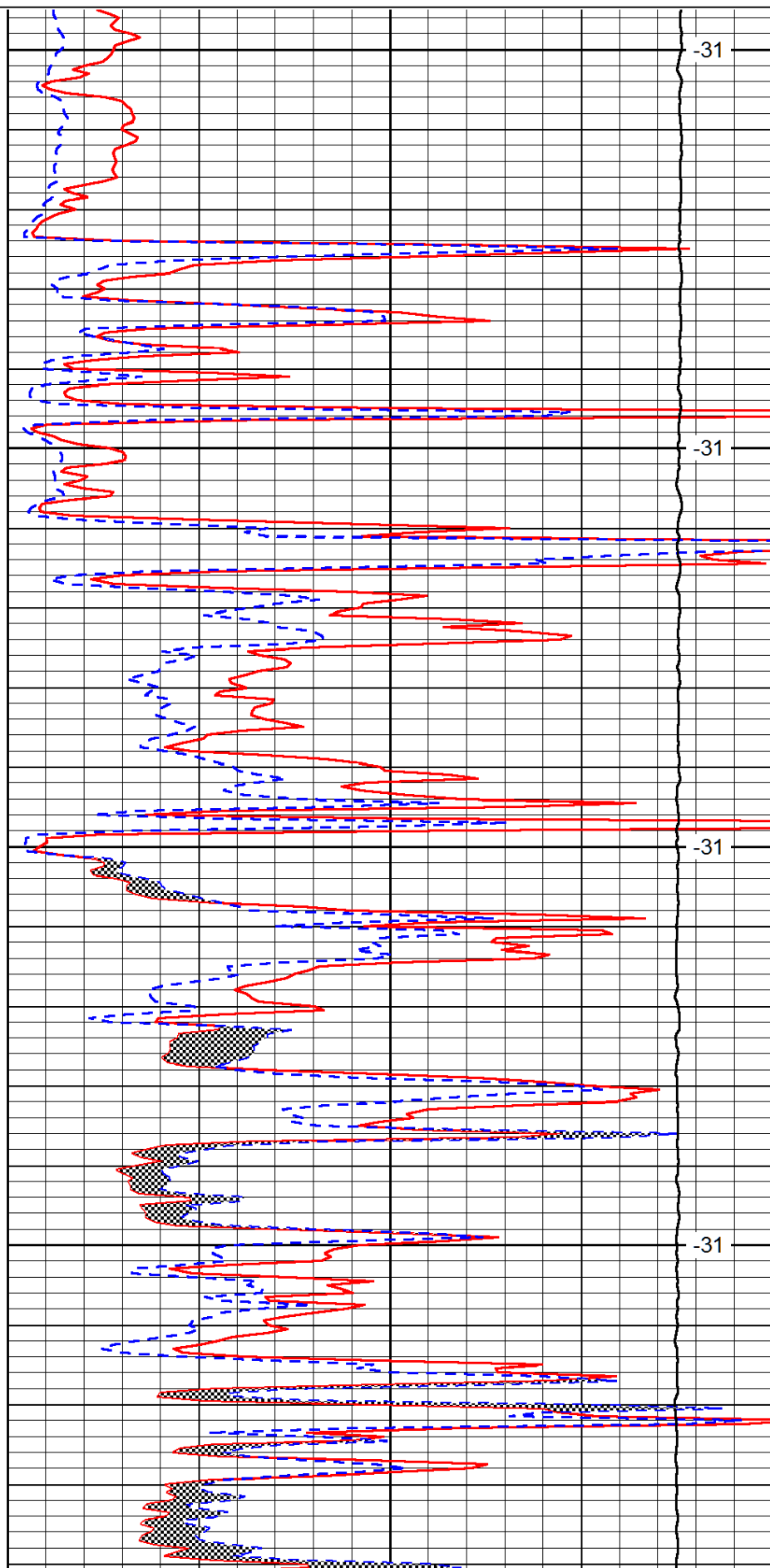
2650

2700

2750

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

LSPD

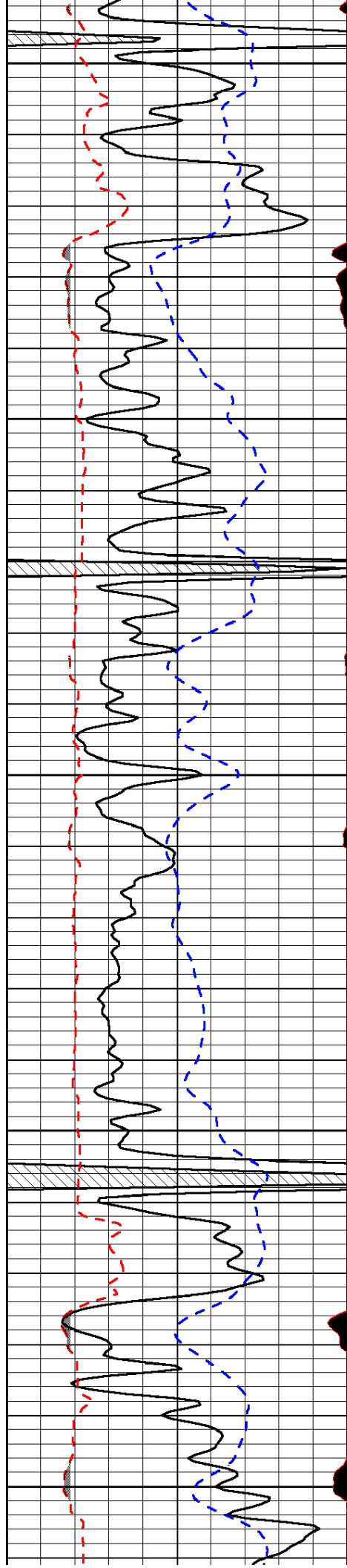


-31

-31

-31

-31



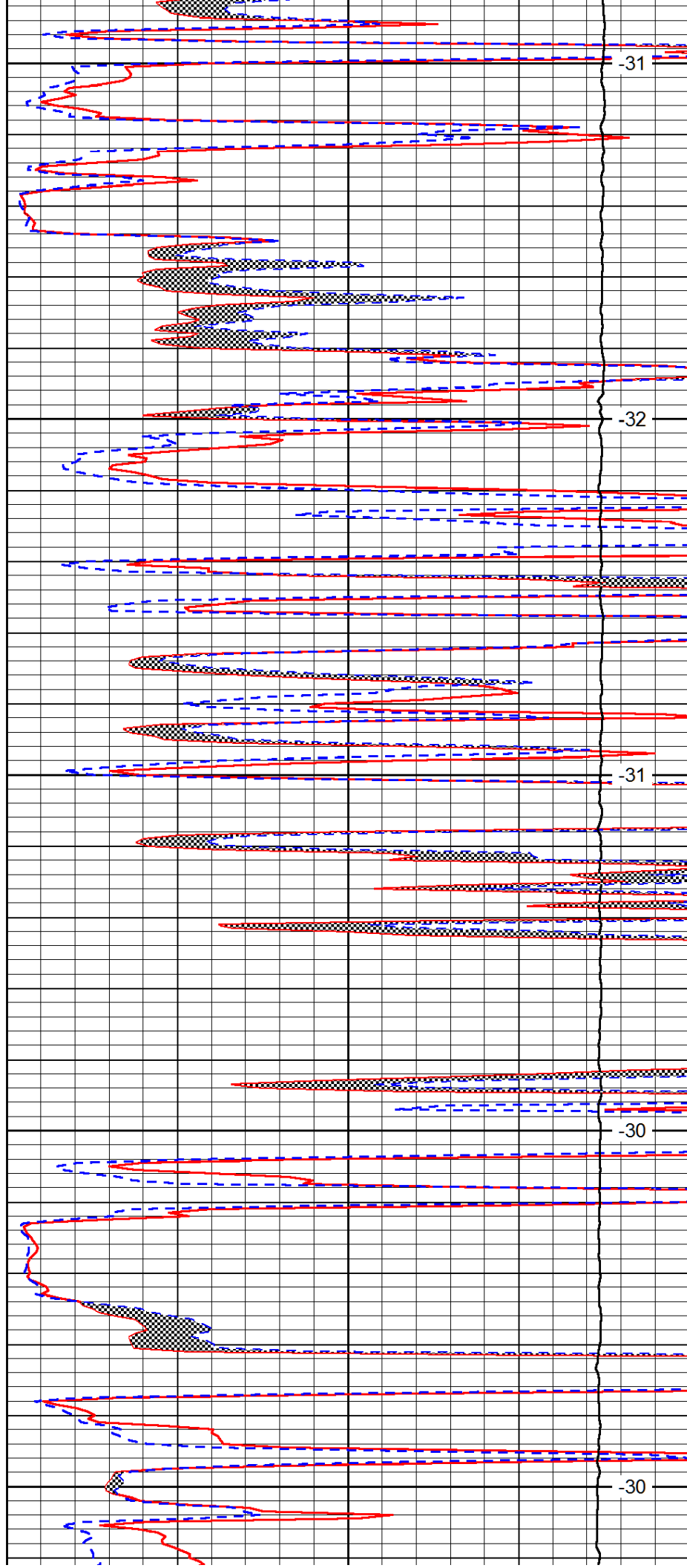
2800

2850

2900

2950

3000



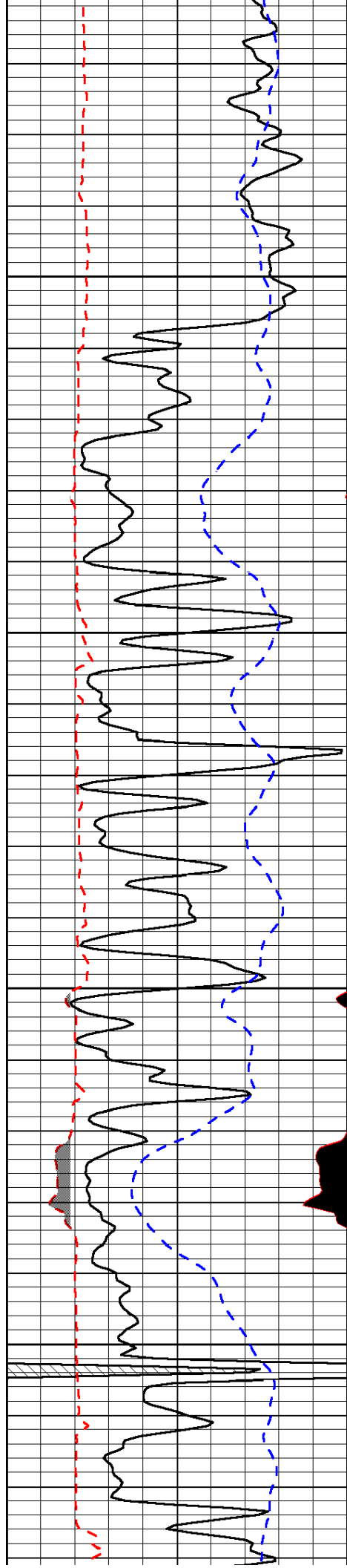
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-32

-31

-30

-30

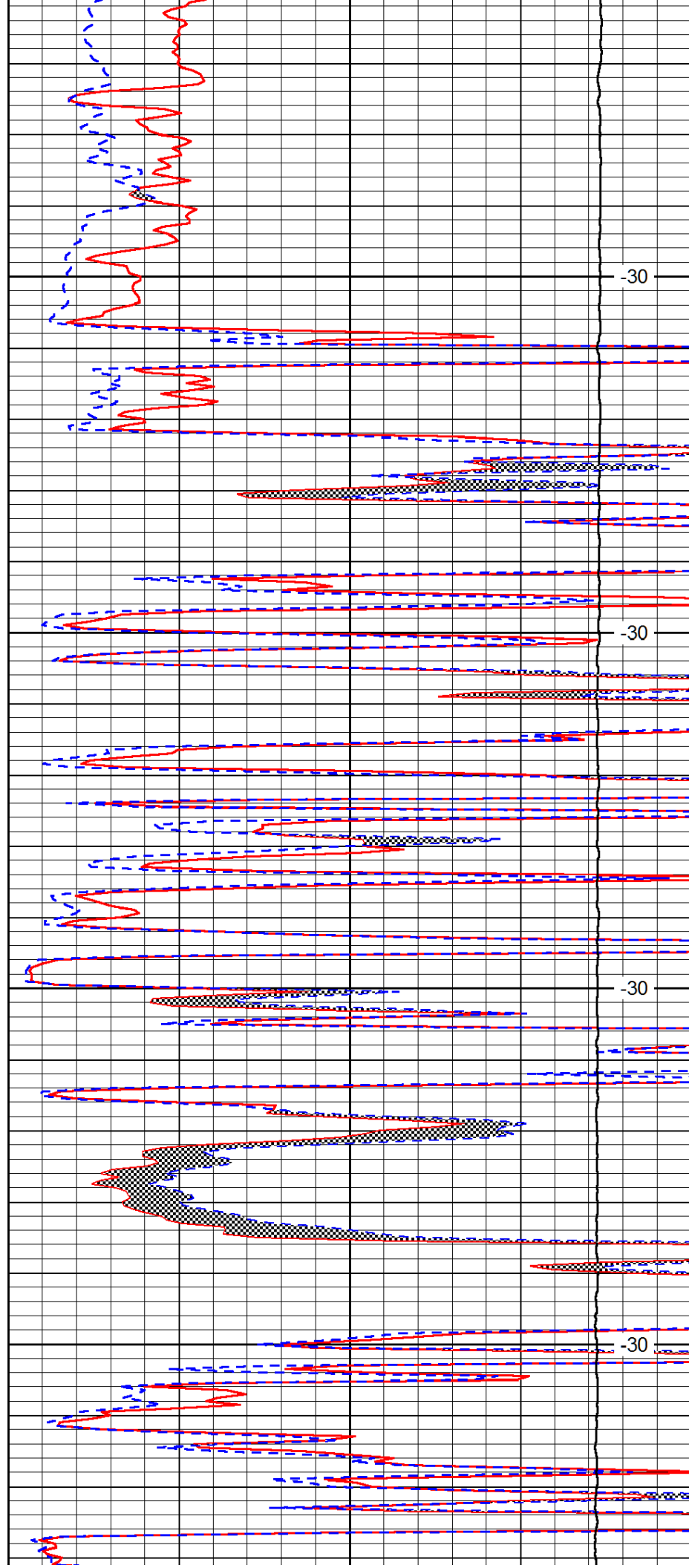


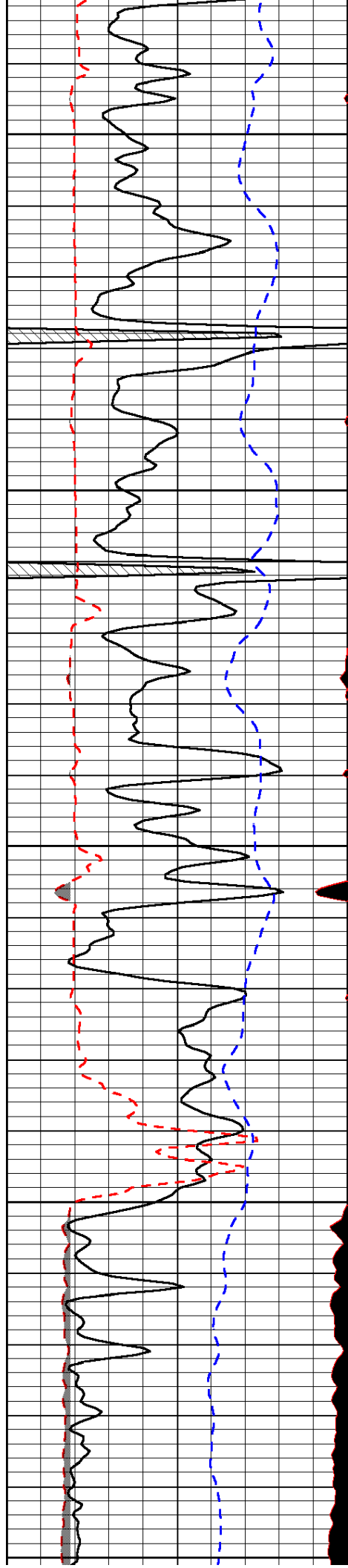
3050

3100

3150

3200





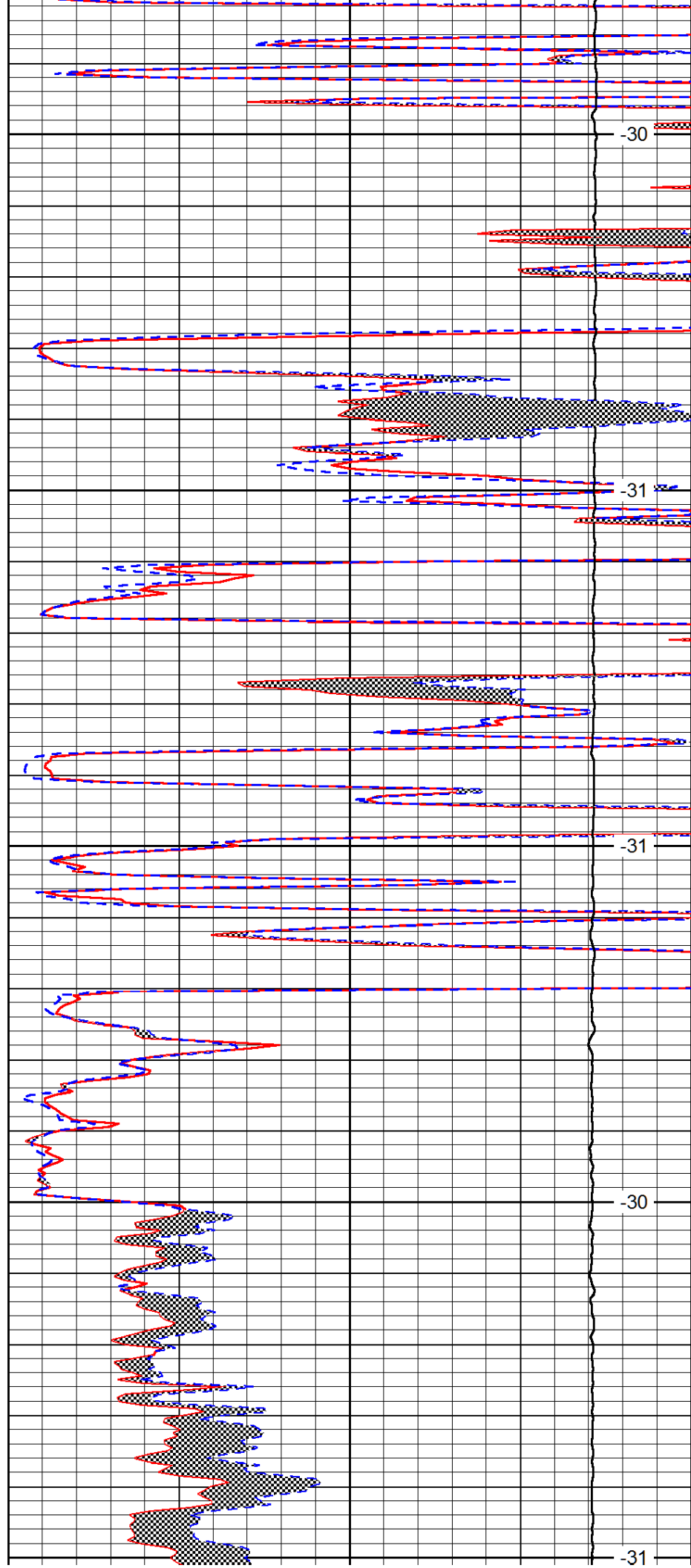
3250

3300

3350

3400

3450



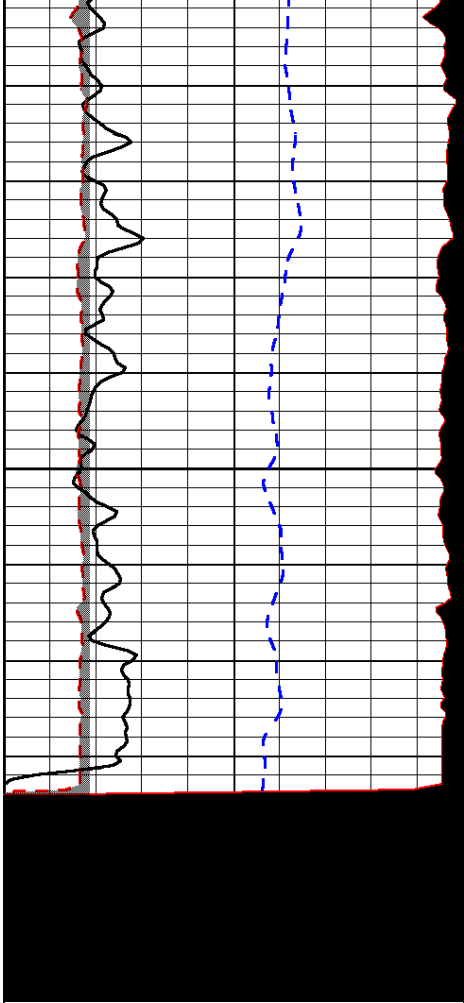
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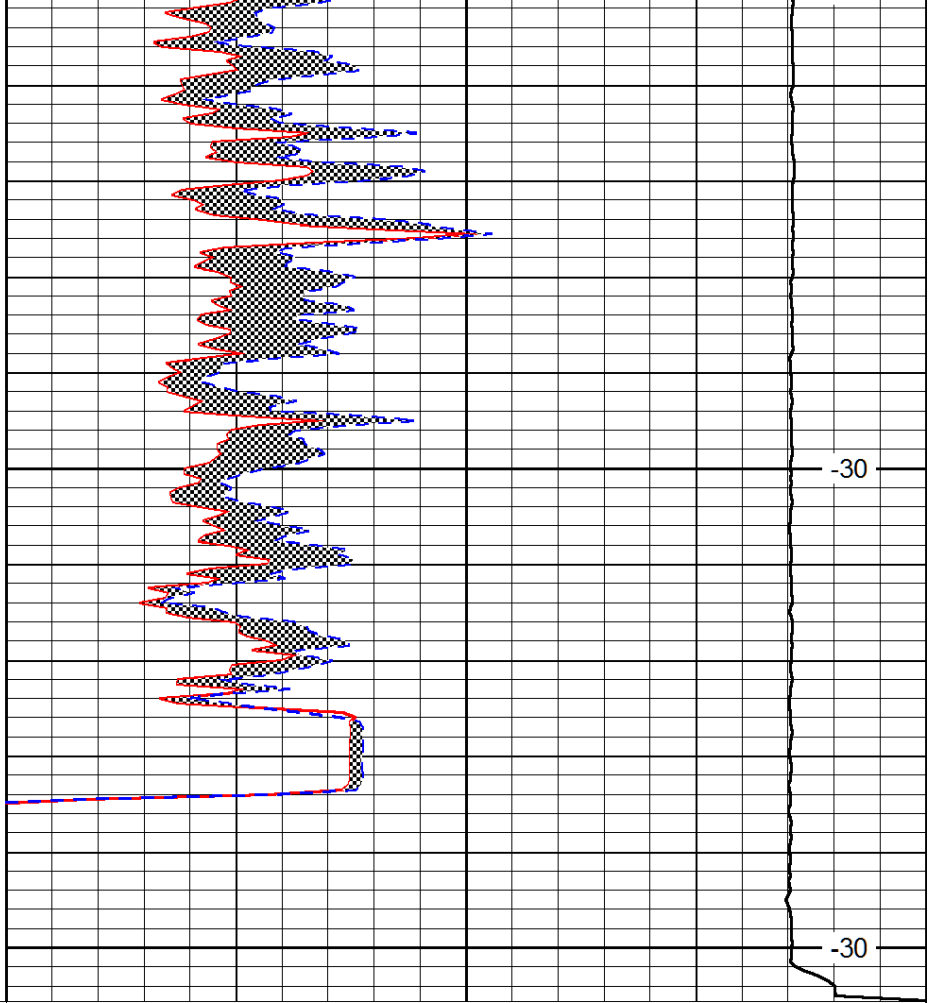
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-31



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