



Microresistivity Log

Pioneer Energy Services

API No.

15-053-21288-00-00

Company LB Exploration, Inc.

Well Lucky 7 #1

Field Stollenberg

County Ellsworth State

Kansas

Location

1320' FSL & 1590' FWL

Other Services
CNL/CDL
DIL/BHCS

Sec: 7

Twp: 16 S

Rge: 10 W

Elevation

Permanent Datum Ground Level Elevation 1882
Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date

08-13-2013

Run Number

Two

Depth Driller

3533

Depth Logger

3533

Bottom Logged Interval

3532

Top Log Interval

2600

Casing Driller

8.625 @ 730

Casing Logger

730

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

4000

Density / Viscosity

9.1 56

pH / Fluid Loss

9.5 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.90 @ 80

Rmf @ Meas. Temp

0.67 @ 80

Rmc @ Meas. Temp

1.21 @ 80

Source of Rmf / Rmc

Charts

Rm @ BHT

0.64 @ 113

Operating Rig Time

4 Hours

Max Rec. Temp. F

113

Equipment Number

91

Location

Hays

Recorded By

Y. Ruiz

Witnessed By

Steven Peterman

<<< Fold Here >>>

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

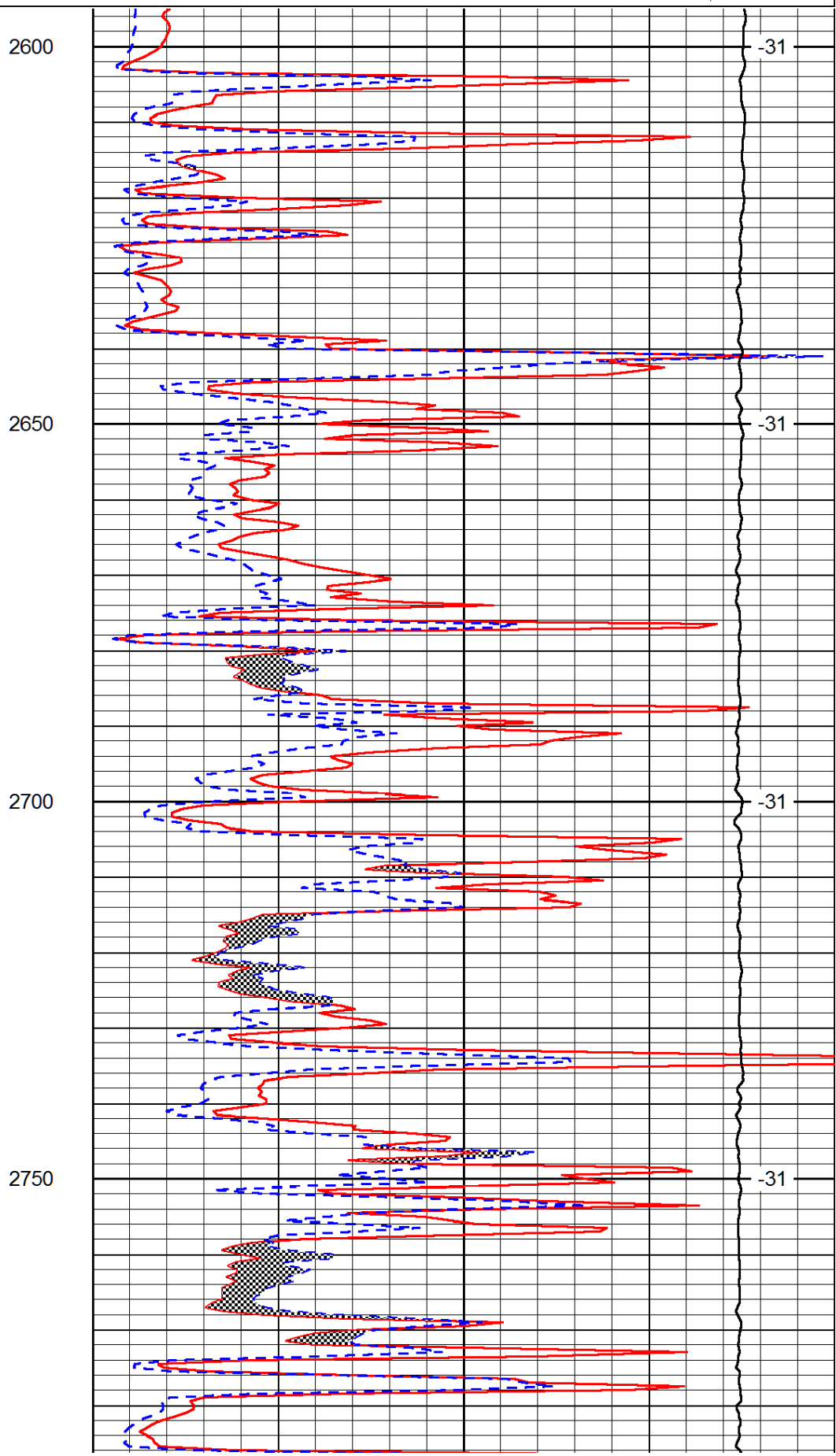
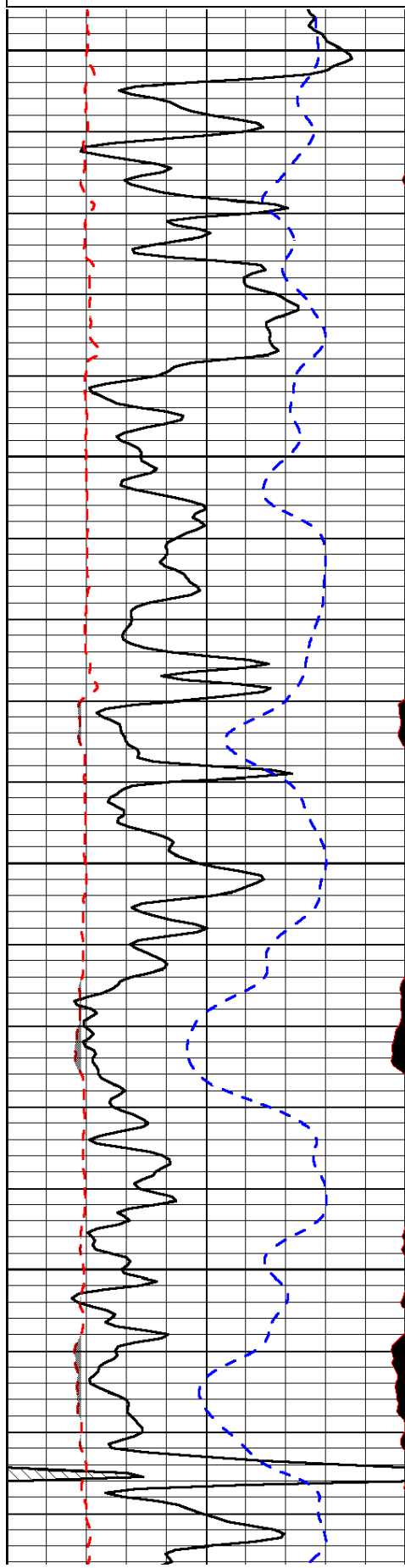
Thank you for using Log-Tech, Inc.
(785) 625-3858

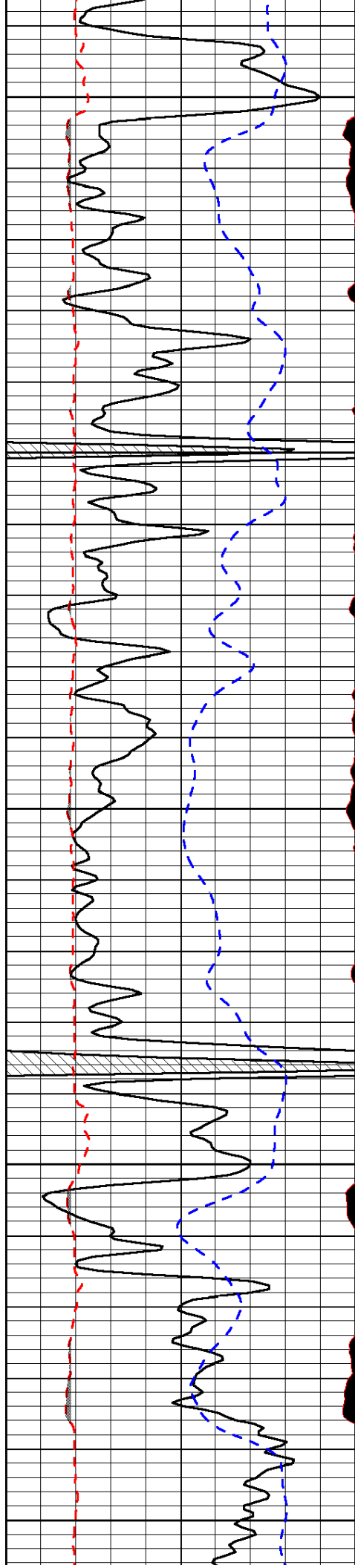
Wilson,
10 3/4 South,
East into

Database File: lb081313hd.db
Dataset Pathname: dil/lbstk
Presentation Format: micro
Dataset Creation: Tue Aug 13 14:16:49 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:210		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)





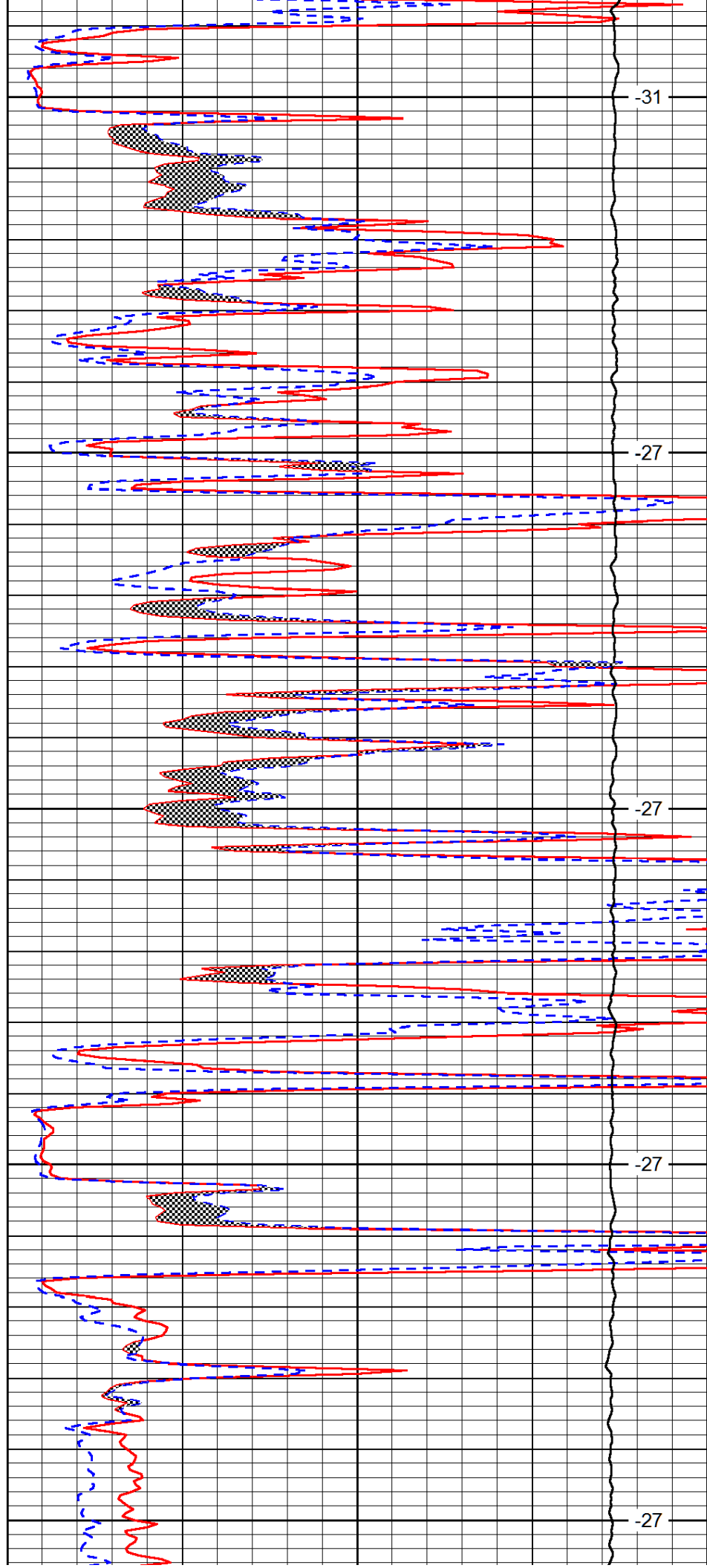
2800

2850

2900

2950

3000



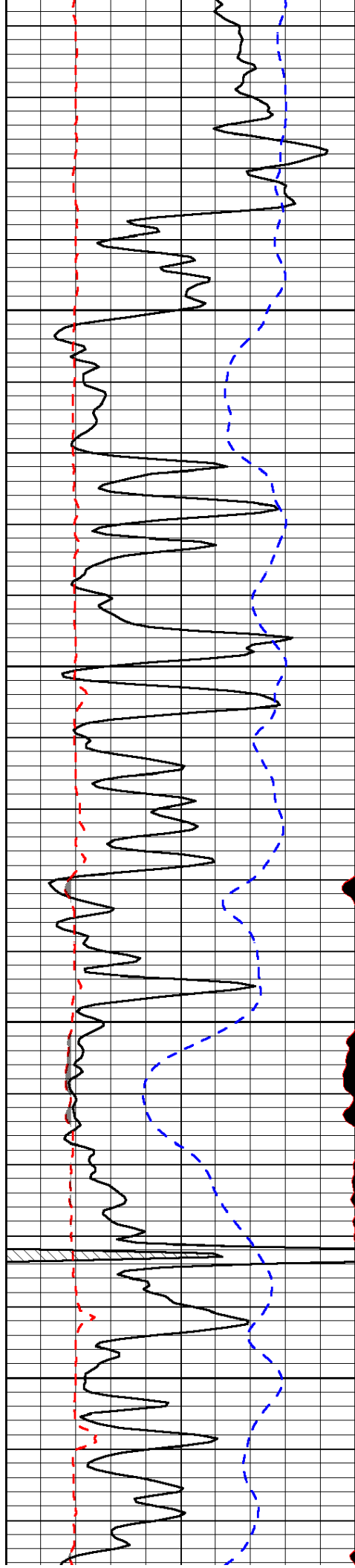
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-27

-27

-27

-27

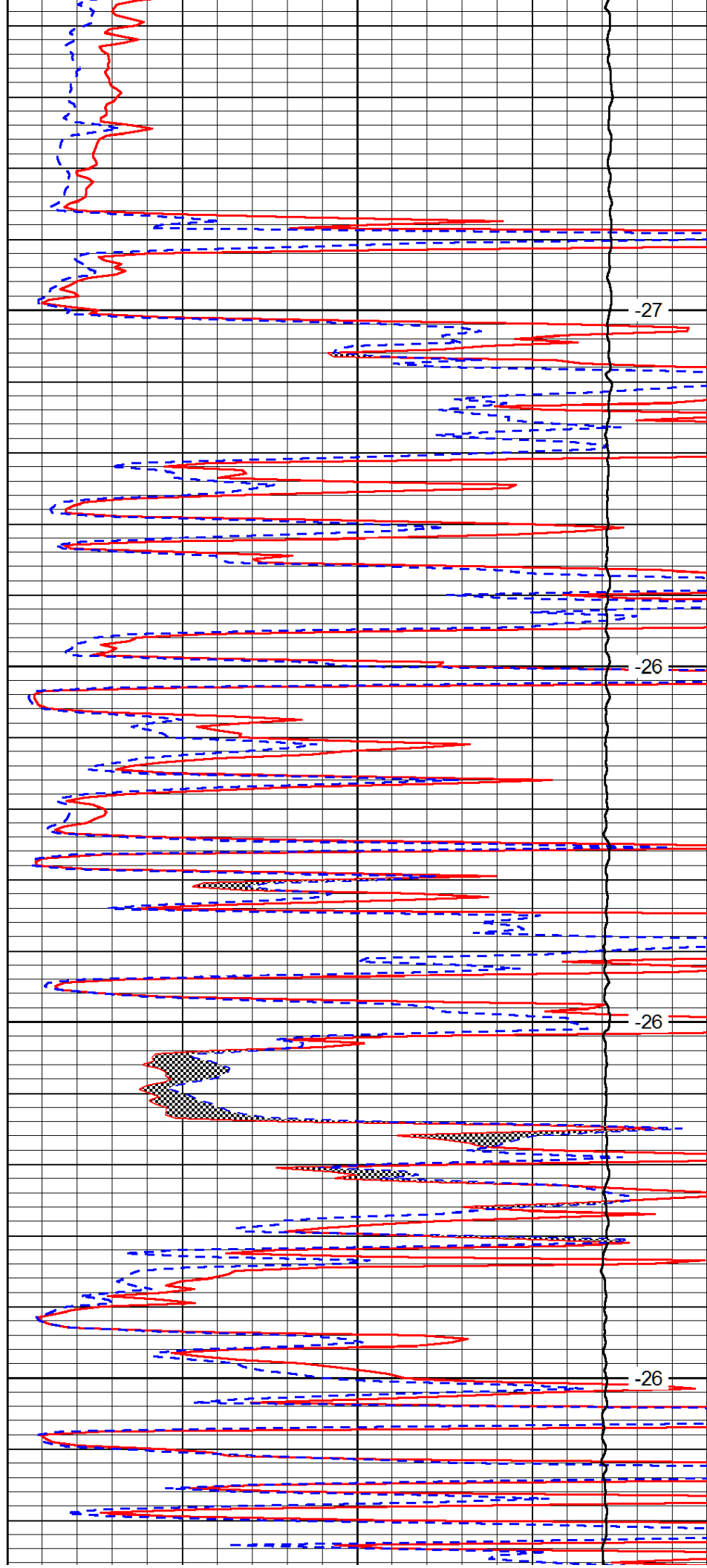


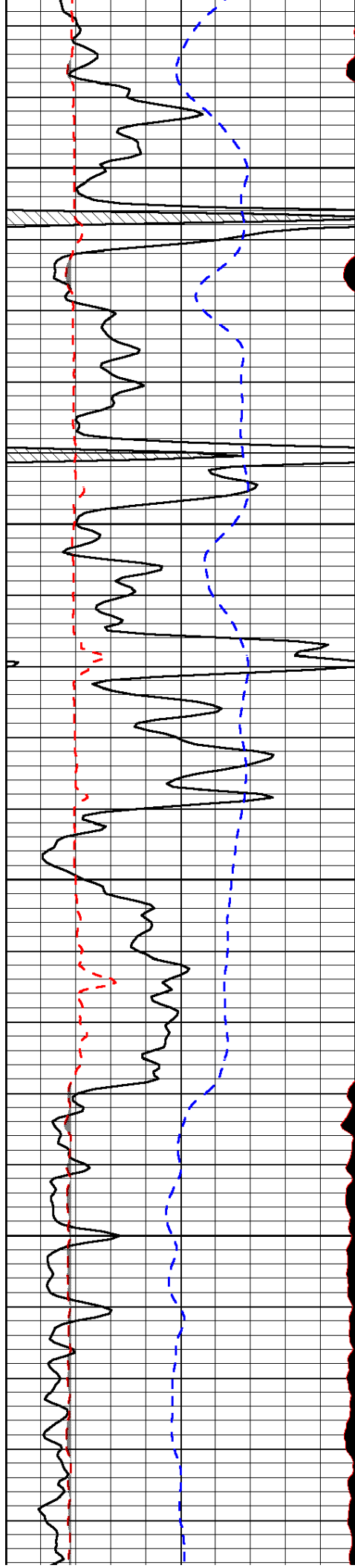
3050

3100

3150

3200



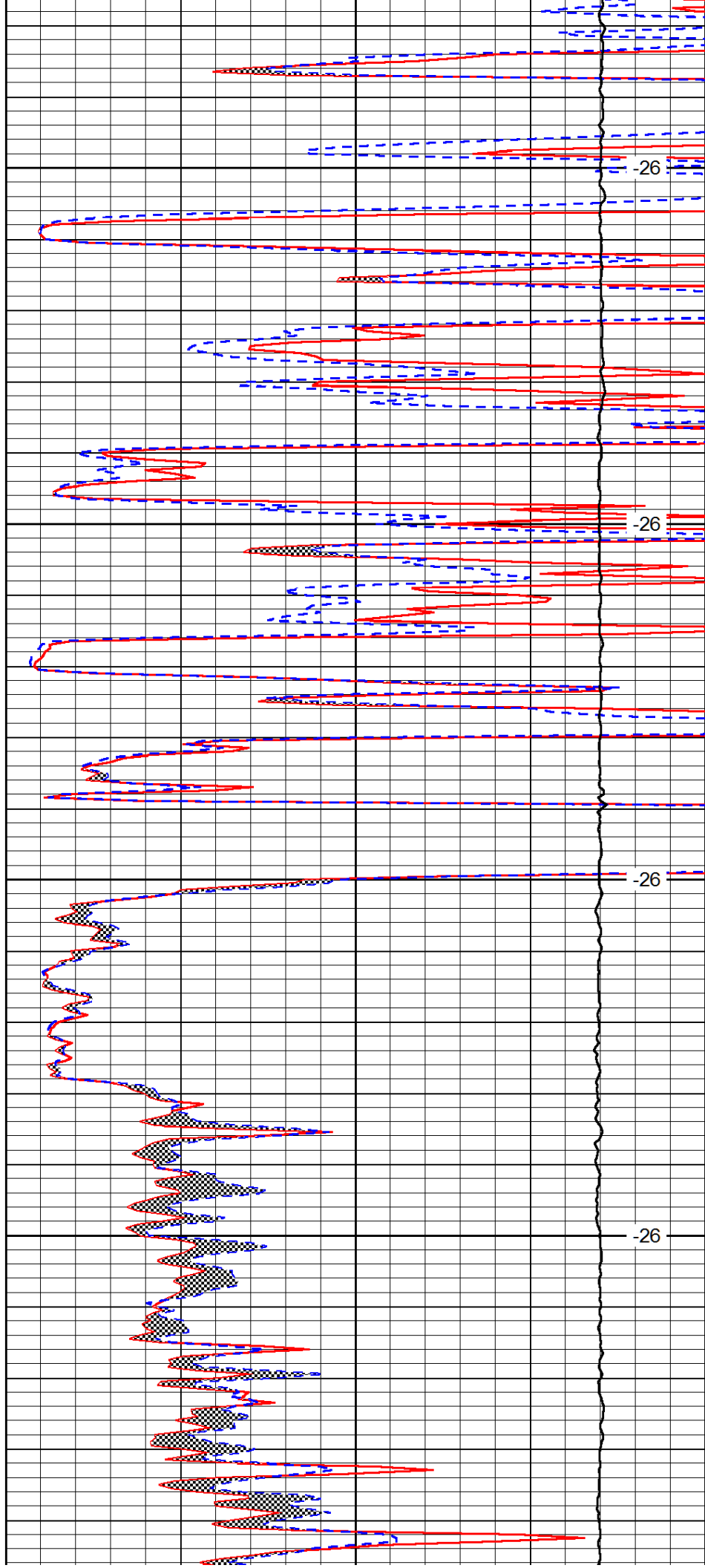


3250

3300

3350

3400

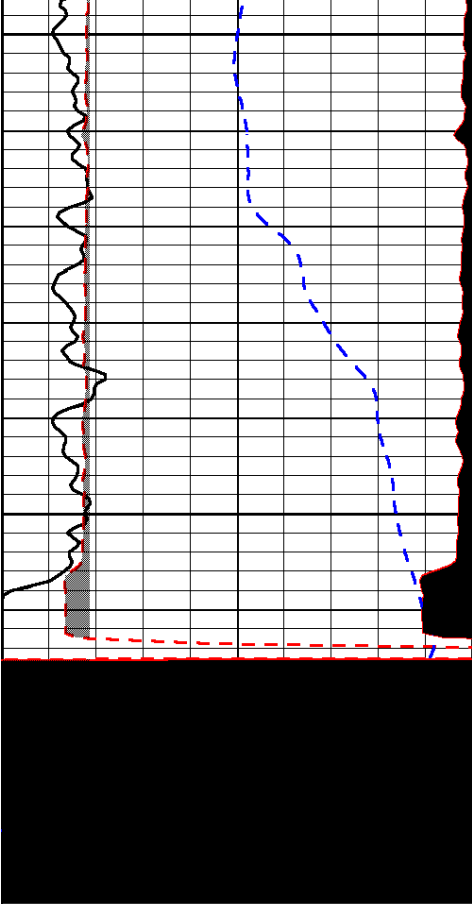


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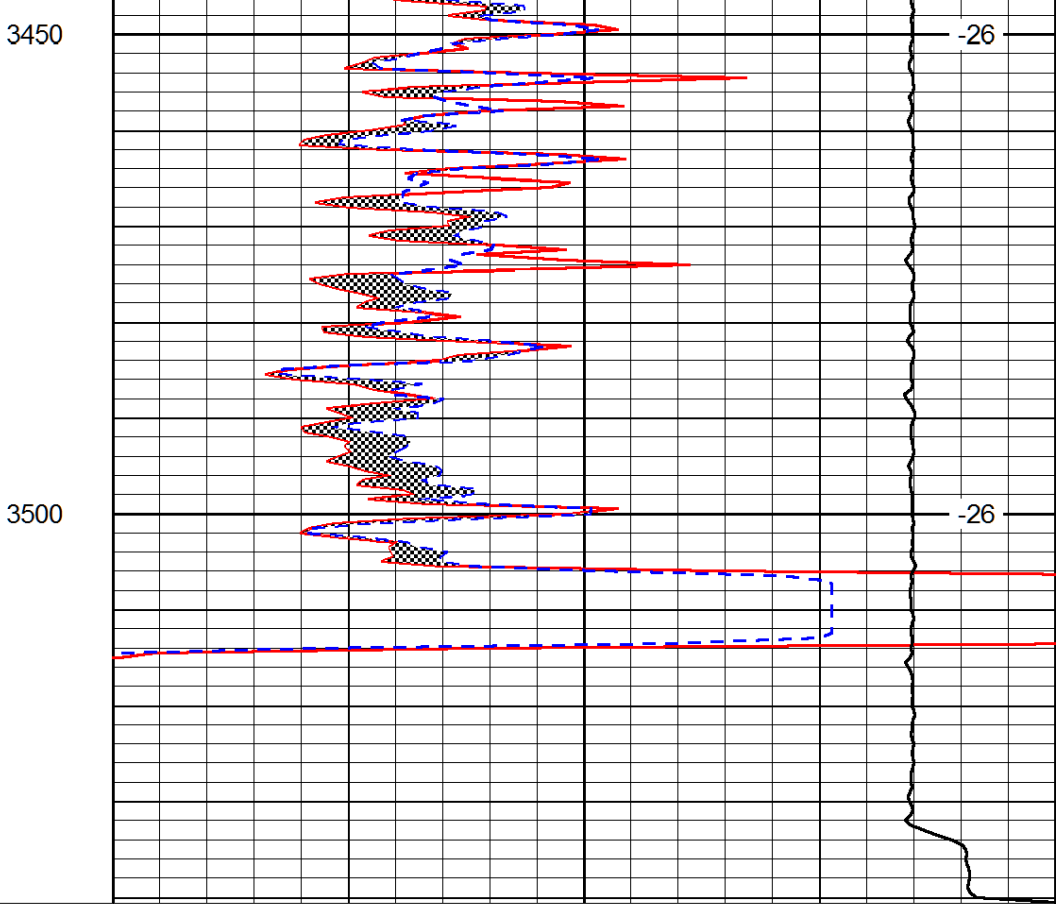
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