



Microresistivity Log

Pioneer Energy Services

API No.

15-163-24,111-00-00

Company Gore Oil Company

Well Toelkes No. 1

Field O' Brien

County Rocks State Kansas

Location 550' FSL & 2,970' FEL

Sec: 11 Twp: 9S Rge: 18W

Other Services
CNL/CDL
DIL

Permanent Datum Ground Level Elevation 2065

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing Elevation
K.B. 2073
D.F. 2065
G.L. 2065

Date 5/20/2013

Run Number Two

Depth Driller 3580

Depth Logger 3578

Bottom Logged Interval 3577

Top Log Interval 2800

Casing Driller 8.625 @ 263

Casing Logger 262

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity,ppm CL 2700

Density / Viscosity 9.1 59

pH / Fluid Loss 10.5 7.4

Source of Sample Flowline

Rm @ Meas. Temp .50 @ 74

Rmf @ Meas. Temp .38 @ 74

Rmc @ Meas. Temp .68 @ 74

Source of Rmf / Rmc Charts

Rm @ BHT .33 @ 112

Operating Rig Time 4 Hours

Max Rec. Temp. F 112

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By Marc Downing

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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

Plainville, 3 North, 100 Yards West, North Into

Database File: gore_toelkes_1hd.db

Dataset Pathname: dil/gorestck

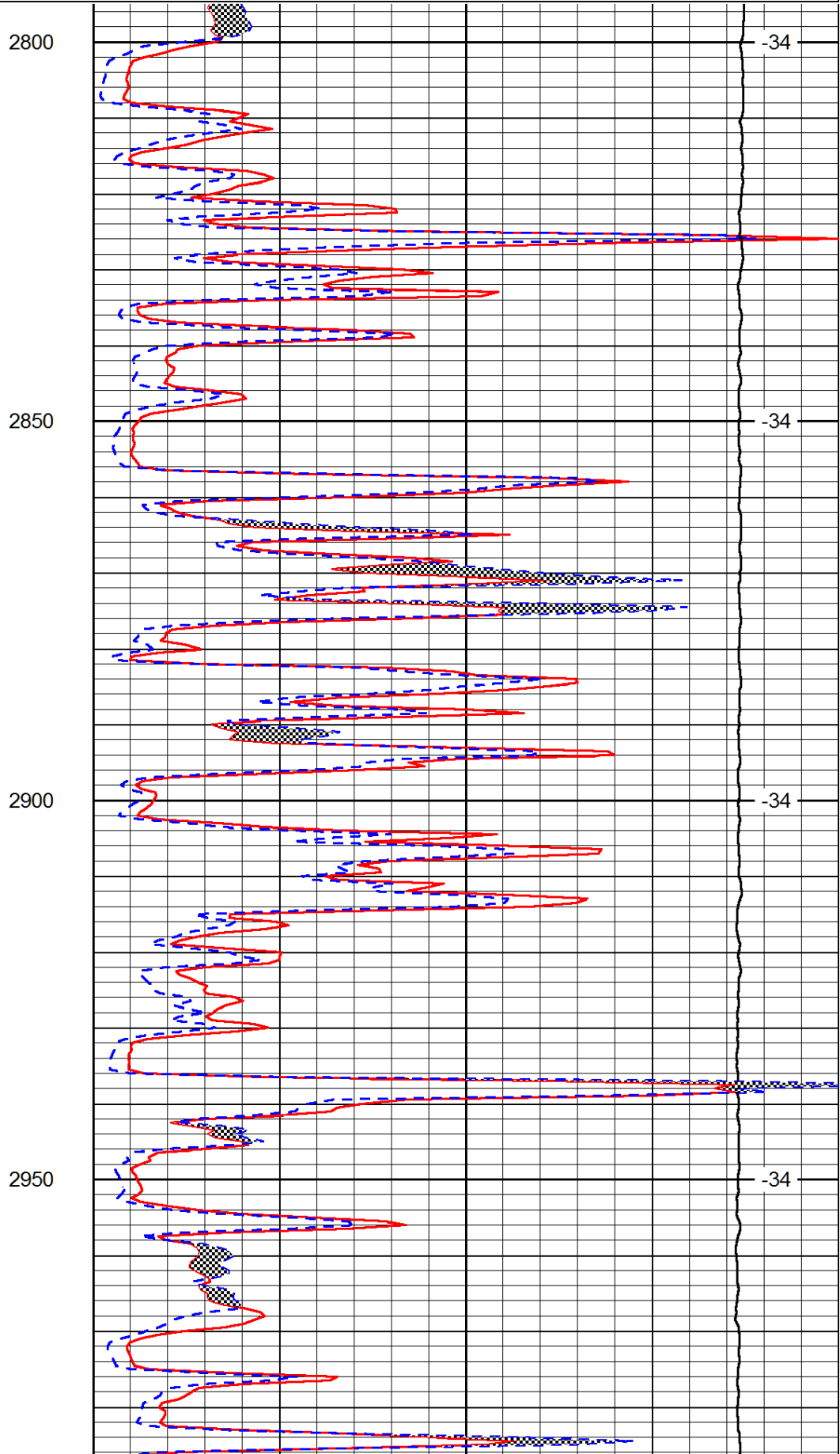
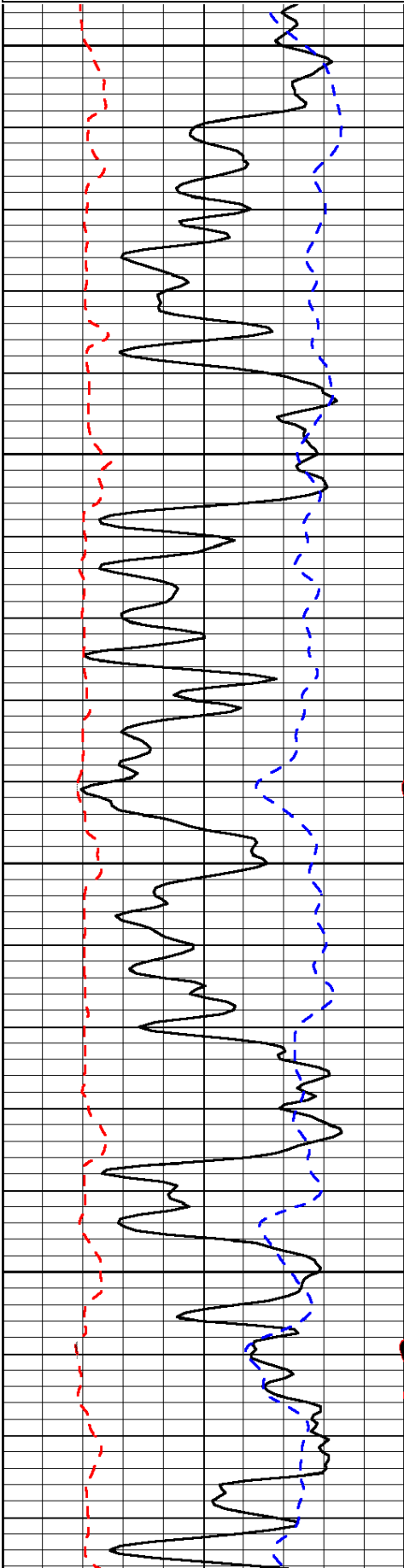
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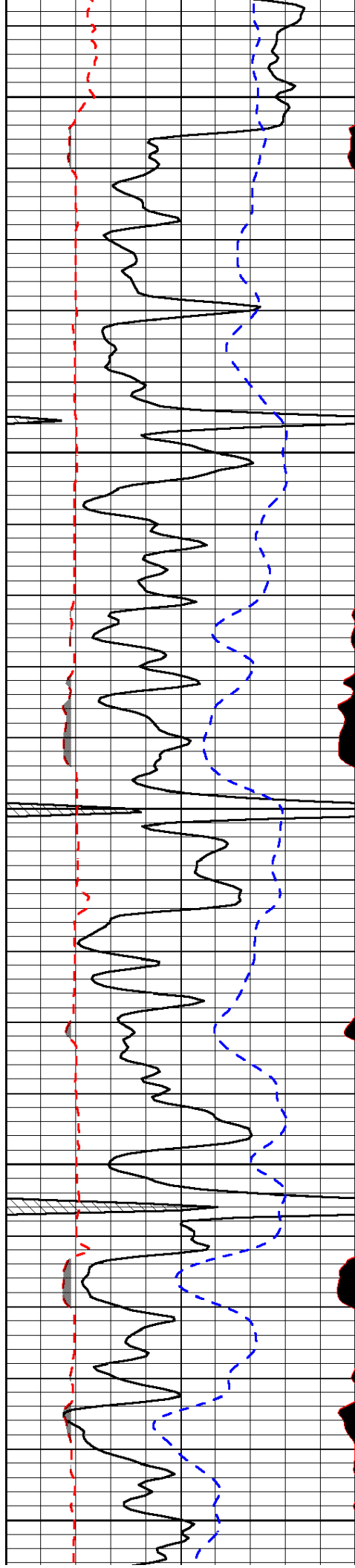
Dataset Creation: Mon May 20 14:04:01 2013

Charted by: Depth in Feet scaled 1:240

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)





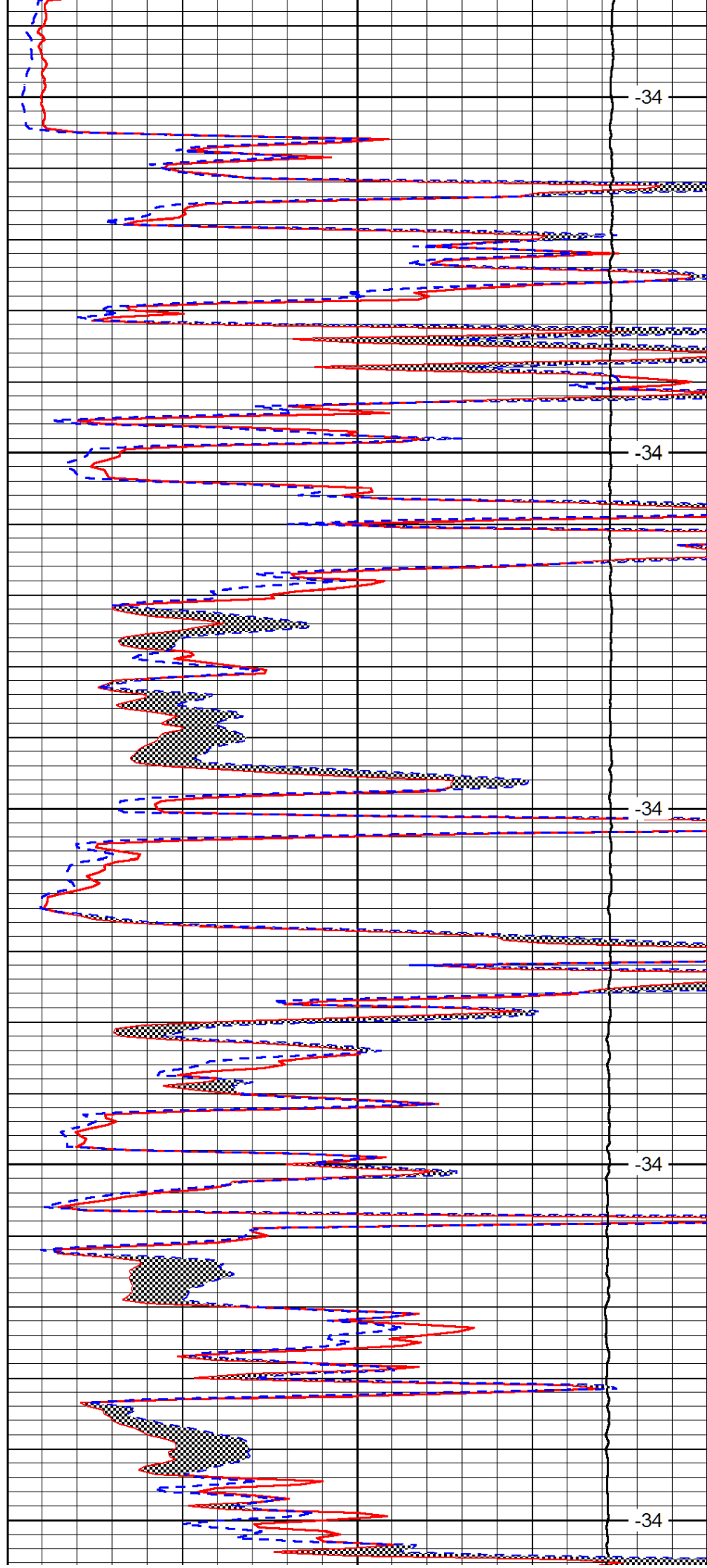
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3050

3100

3150

3200



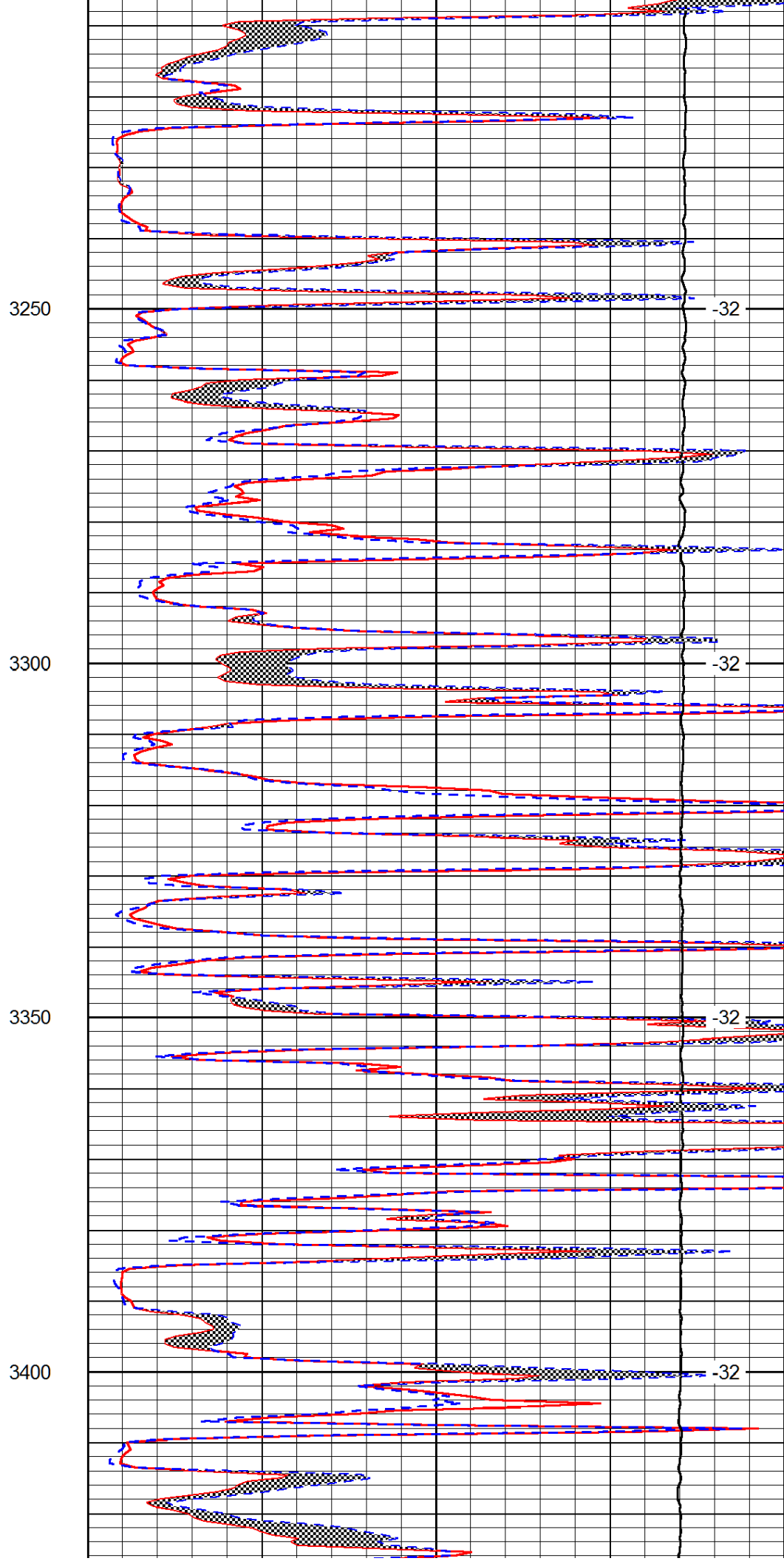
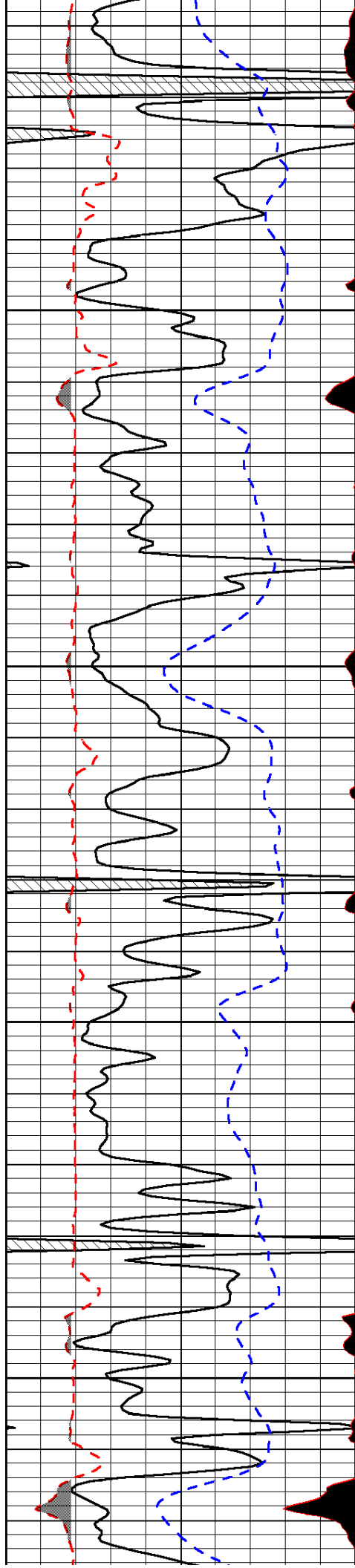
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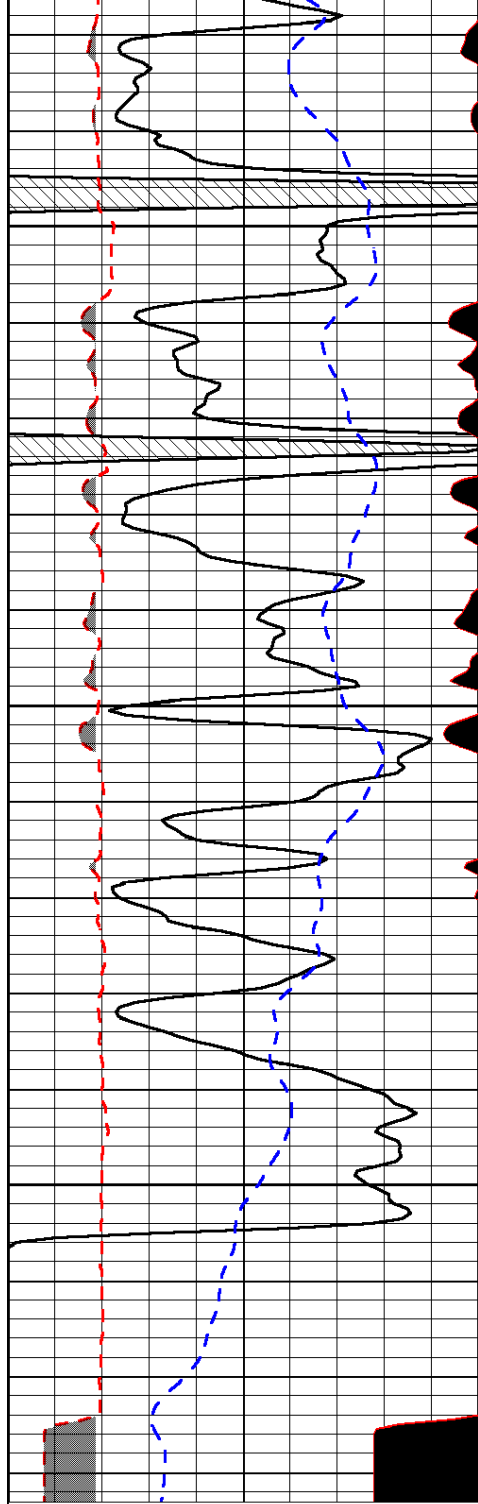
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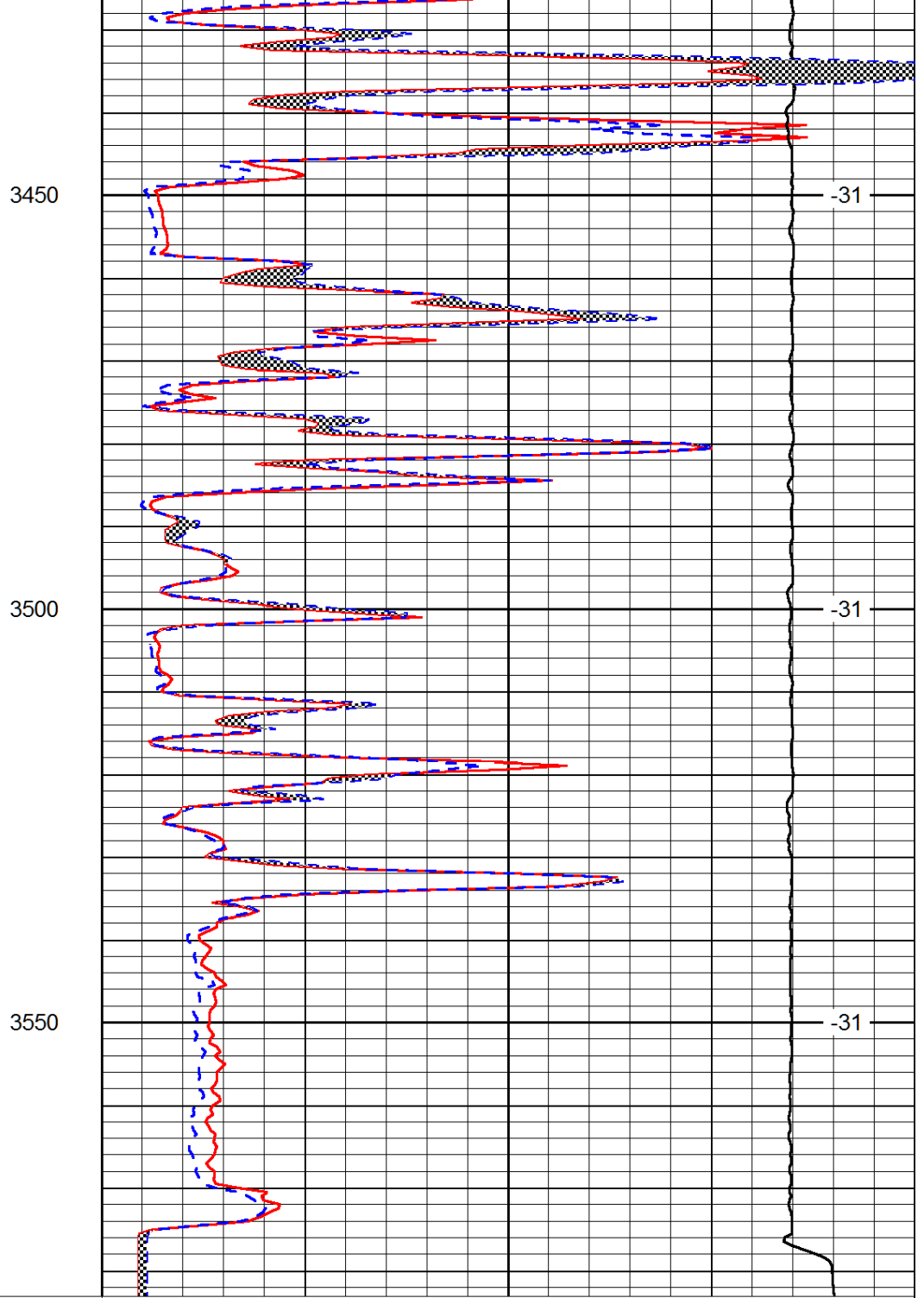
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