



Microresistivity Log

Pioneer Energy Services

API No.

15-171-20995-00-00

Company Landmark Resources, Inc.

Well Rose # 2-3

Field Wildcat

County Scott State

Kansas

Location 169' FNL & 2250' FWL

Sec: 3 Twp: 17S Rge: 34W

Other Services
CNL/CDL
DIL/BHCS

Elevation

K.B. 3137
D.F.
G.L. 3126

Elevation 3126

11 Ft. Above Perm. Datum

Log Measured From Kelly Bushing

Drilling Measured From Kelly Bushing

Date 11/07/2013

Run Number Two

Depth Driller 4890

Depth Logger 4888

Bottom Logged Interval 4887

Top Log Interval 3500

Casing Driller 8.625 @ 265

Casing Logger 266

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 4000

Density / Viscosity 9.2 68

pH / Fluid Loss 10.5 7.2

Source of Sample Flowline

Rm @ Meas. Temp 0.42 @ 51

Rmf @ Meas. Temp 0.31 @ 51

Rmc @ Meas. Temp 0.56 @ 51

Source of Rmf / Rmc Charts

Rm @ BHT 0.17 @ 127

Operating Rig Time 6 Hours

Max Rec. Temp. F 127

Equipment Number 91

Location Hays

Recorded By Y. Ruiz

Witnessed By Terry McLeod

<<< Fold Here >>>

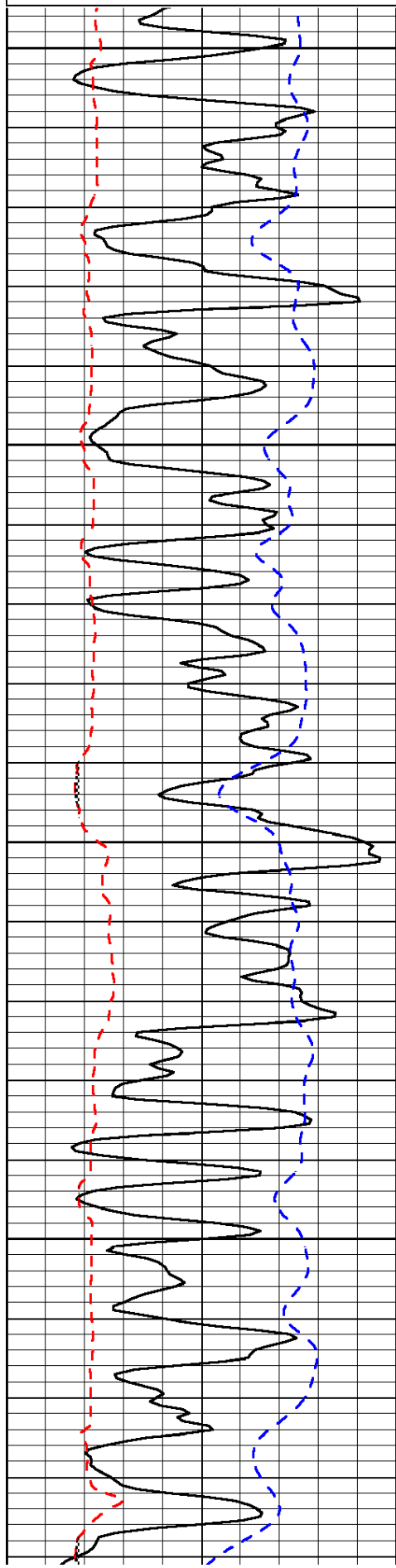
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Scott City,
North to 230 Rd, 4 West, 1 North, 4 1/2 West,
South into

Database File: c:\warrior\data\landmark_rose # 2-3\landmark_10713hd.db
Dataset Pathname: DIL/landstack
Presentation Format: micro
Dataset Creation: Thu Nov 07 20:24:23 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

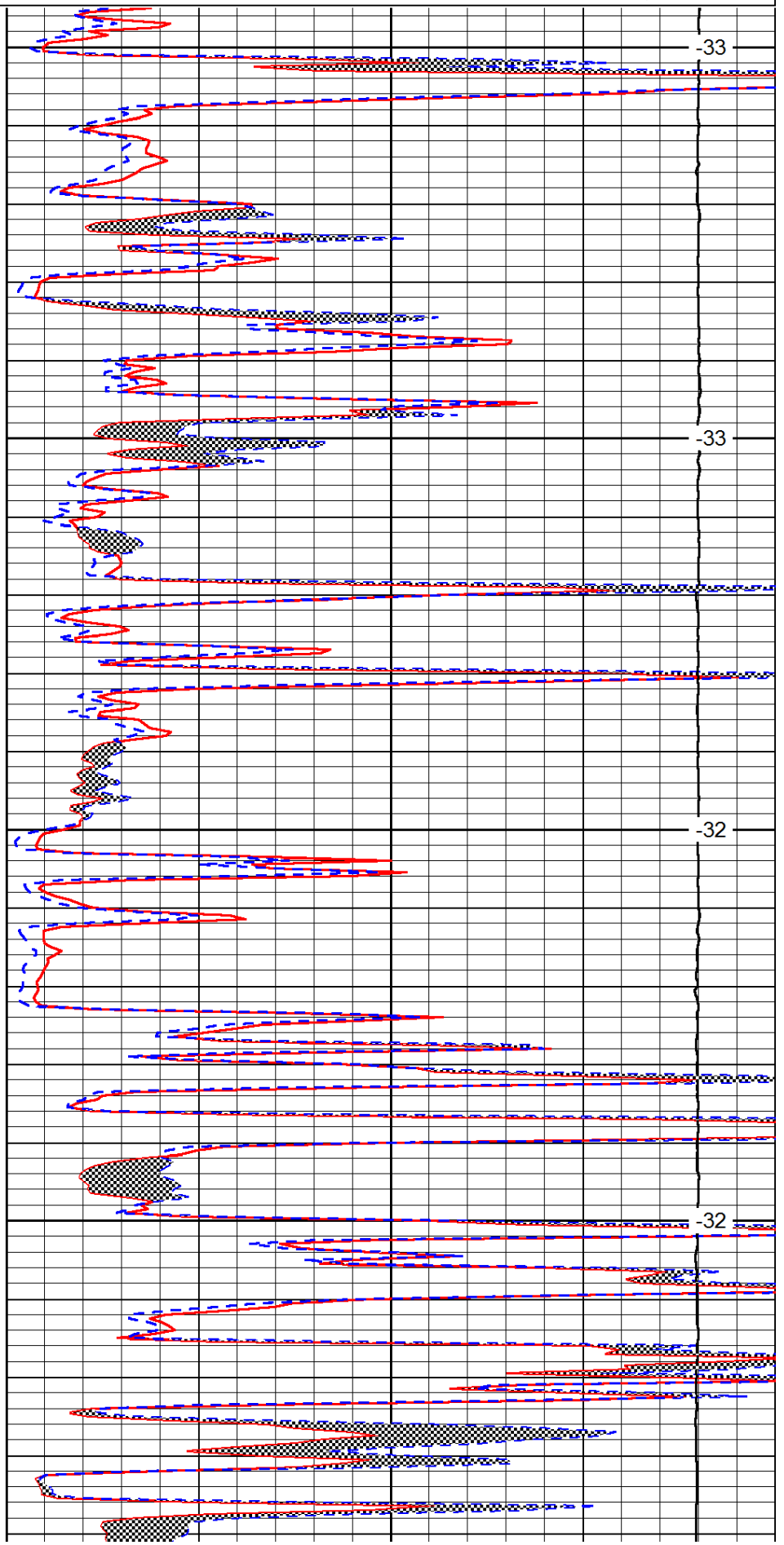


3500

3550

3600

3650

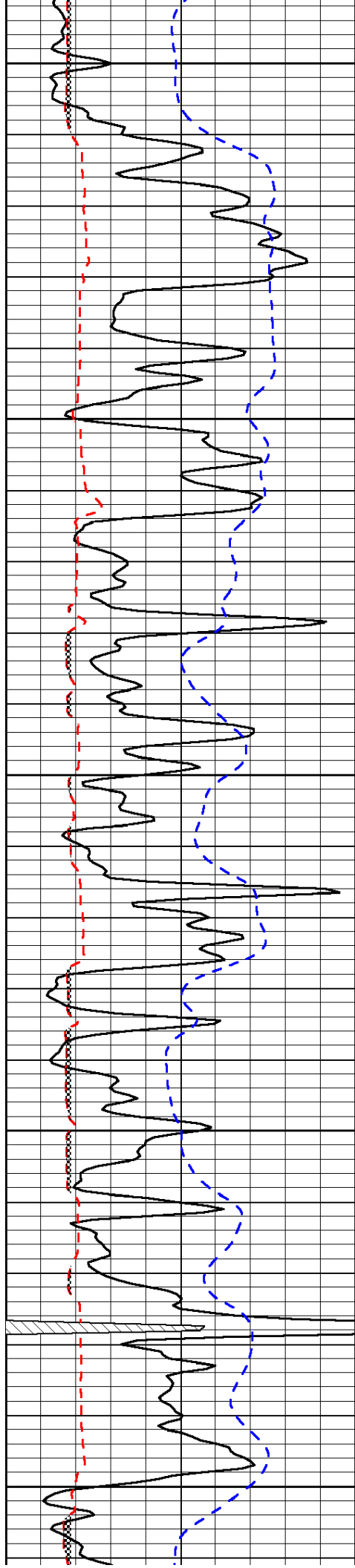


-33

-33

-32

-32



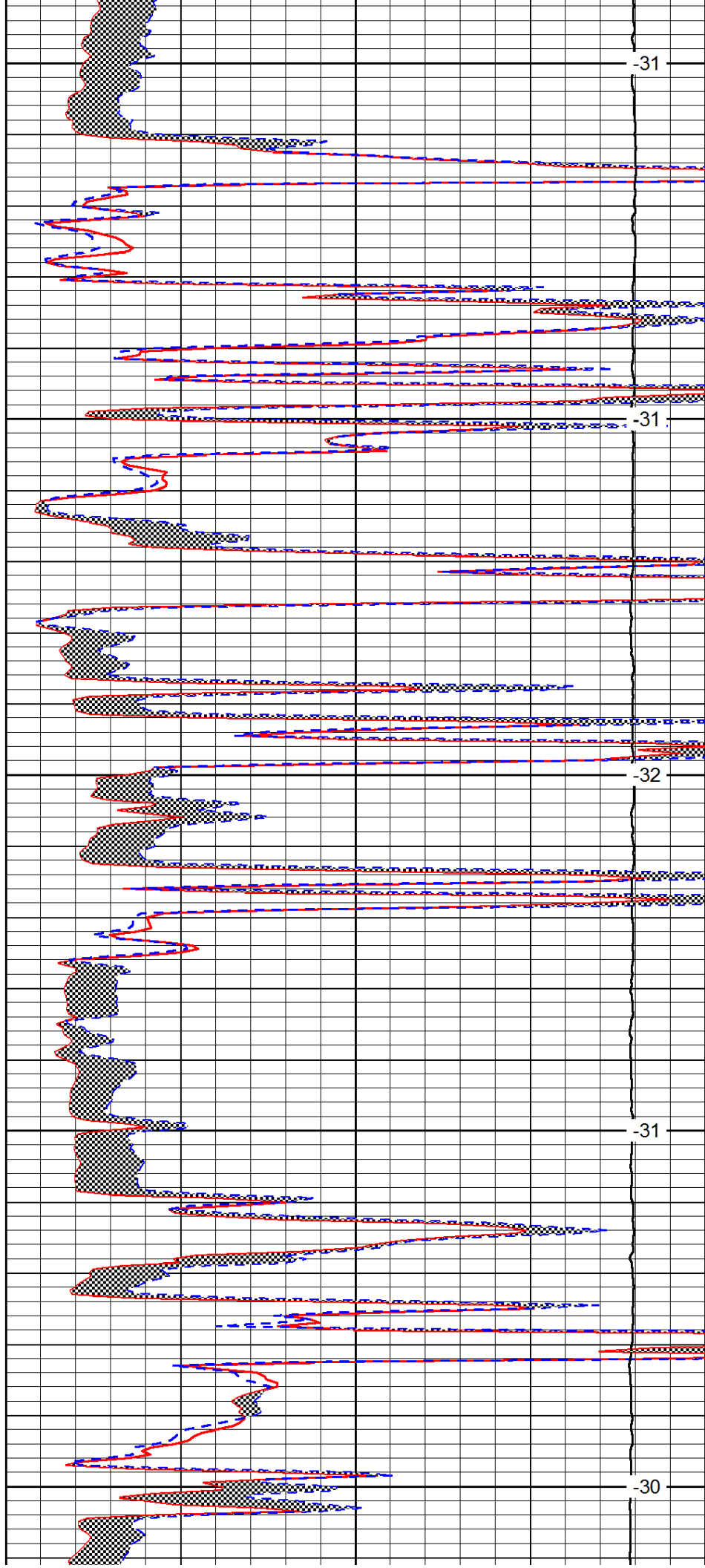
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3750

3800

3850

3900



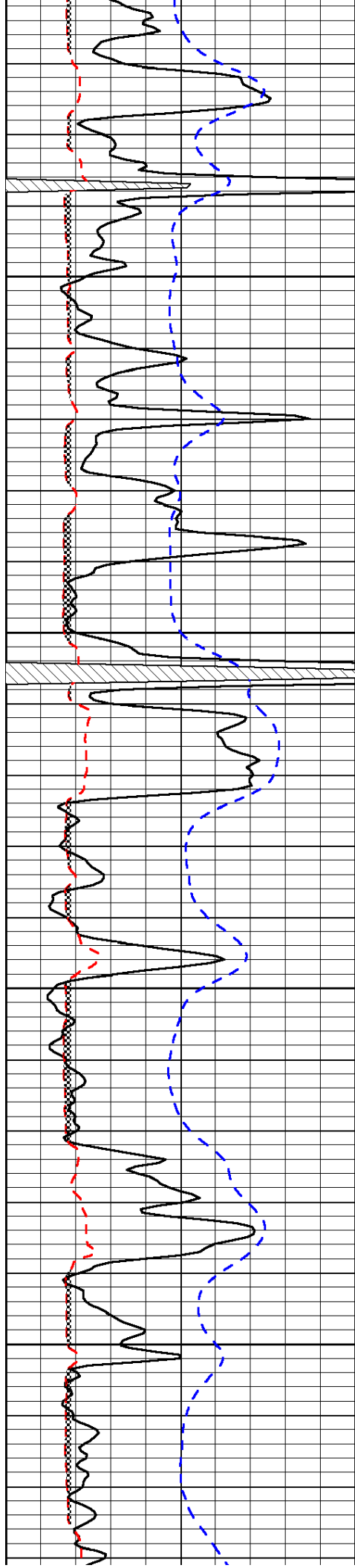
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-31

-32

-31

-30

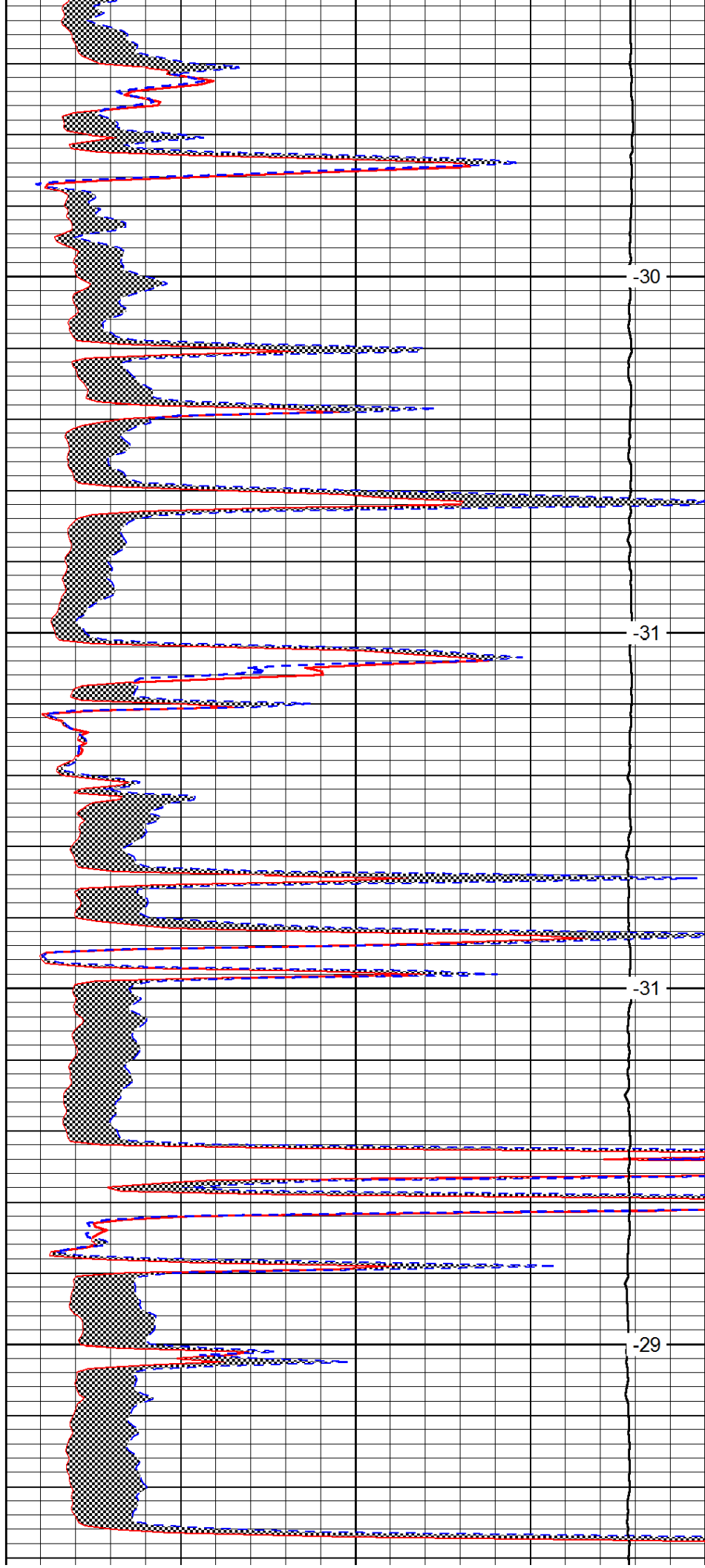


3950

4000

4050

4100

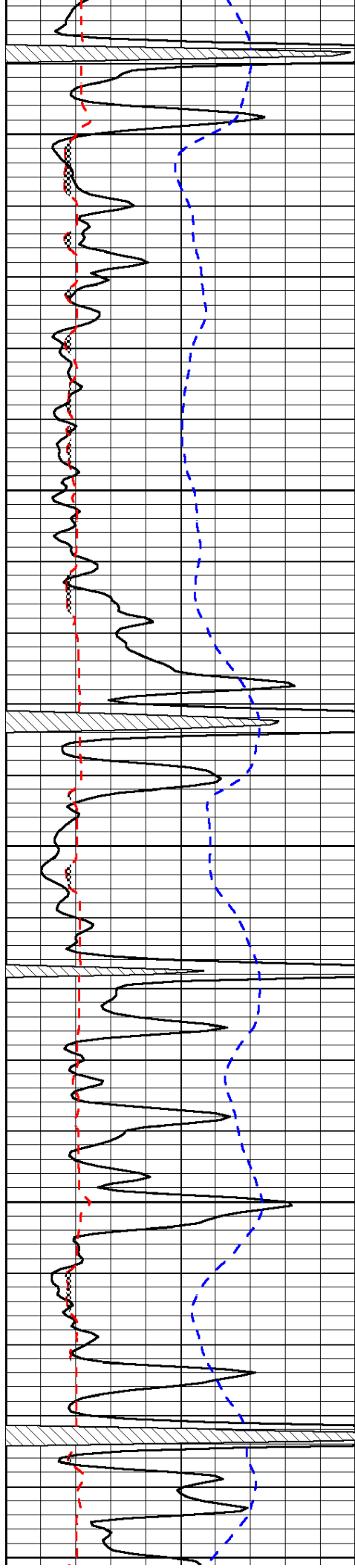


-30

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-31

-29



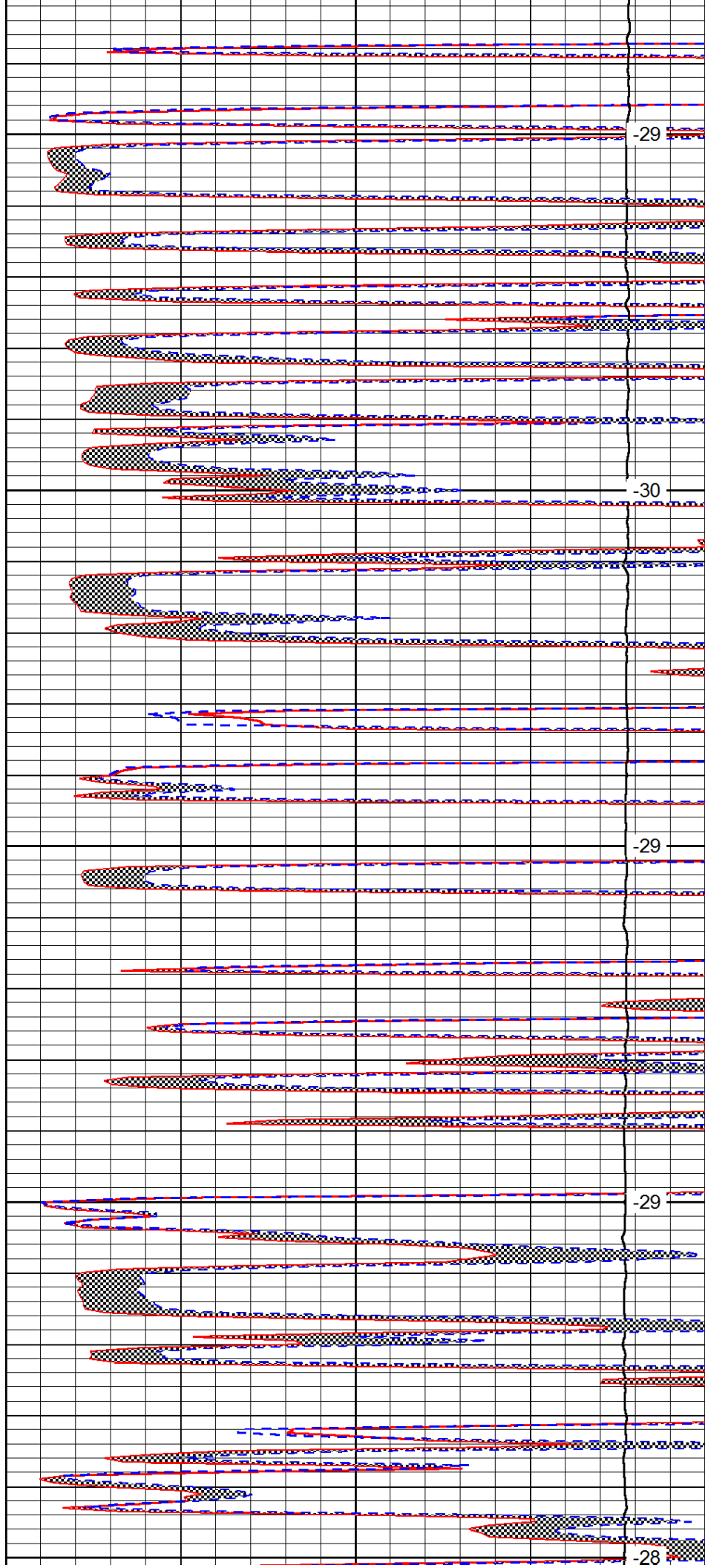
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4200

4250

4300

4350



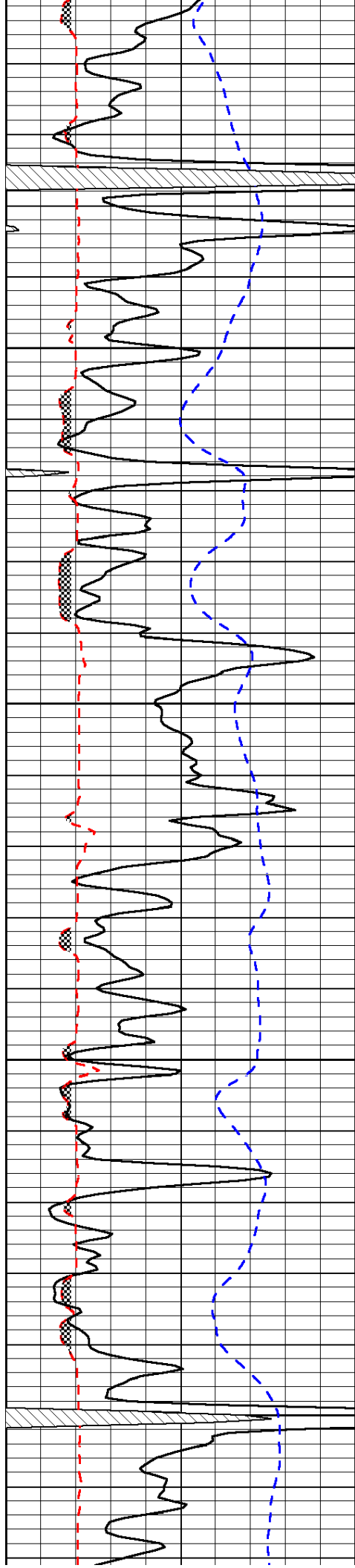
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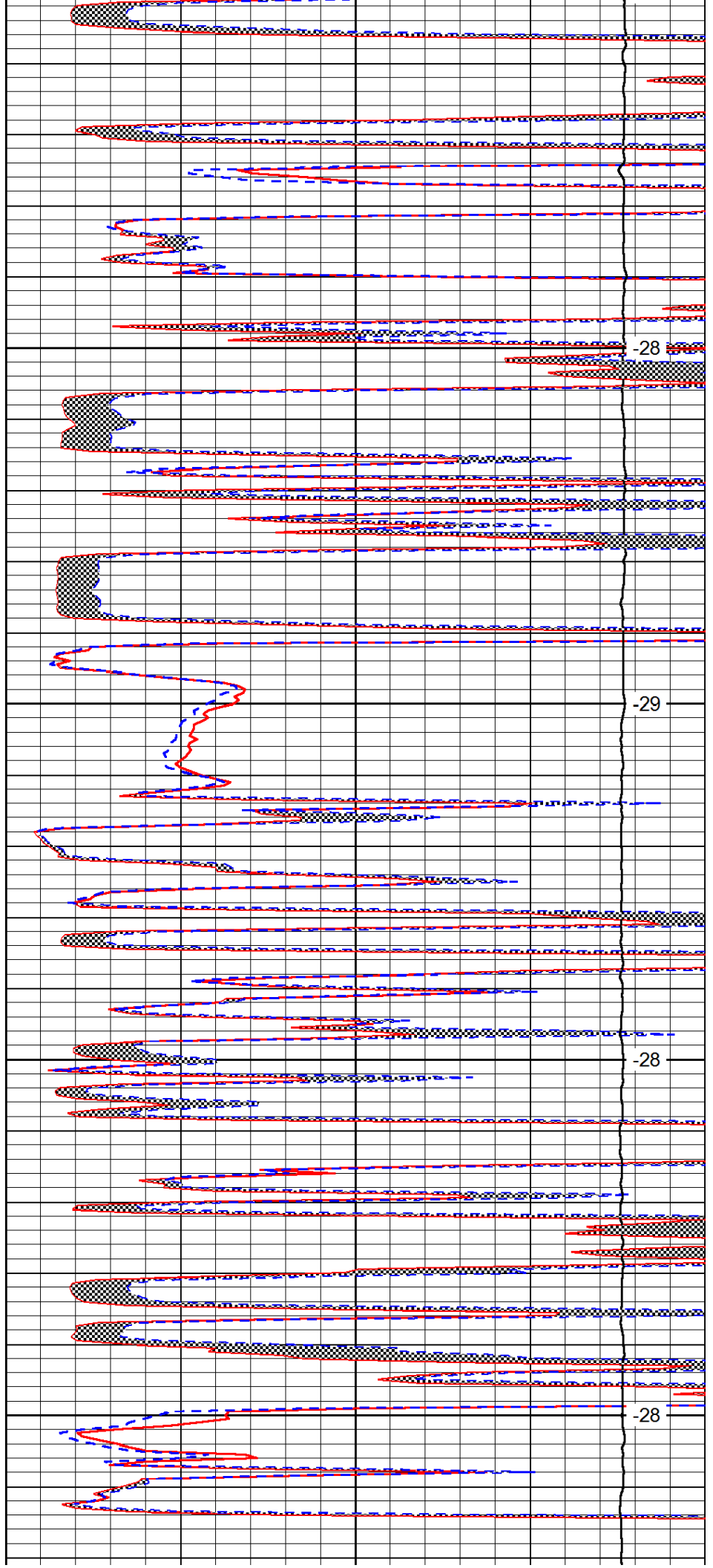


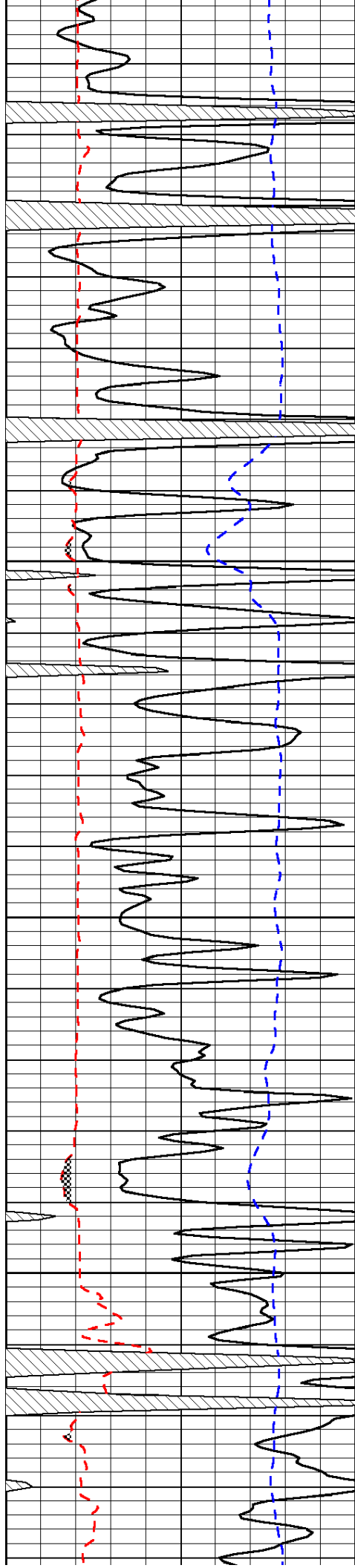
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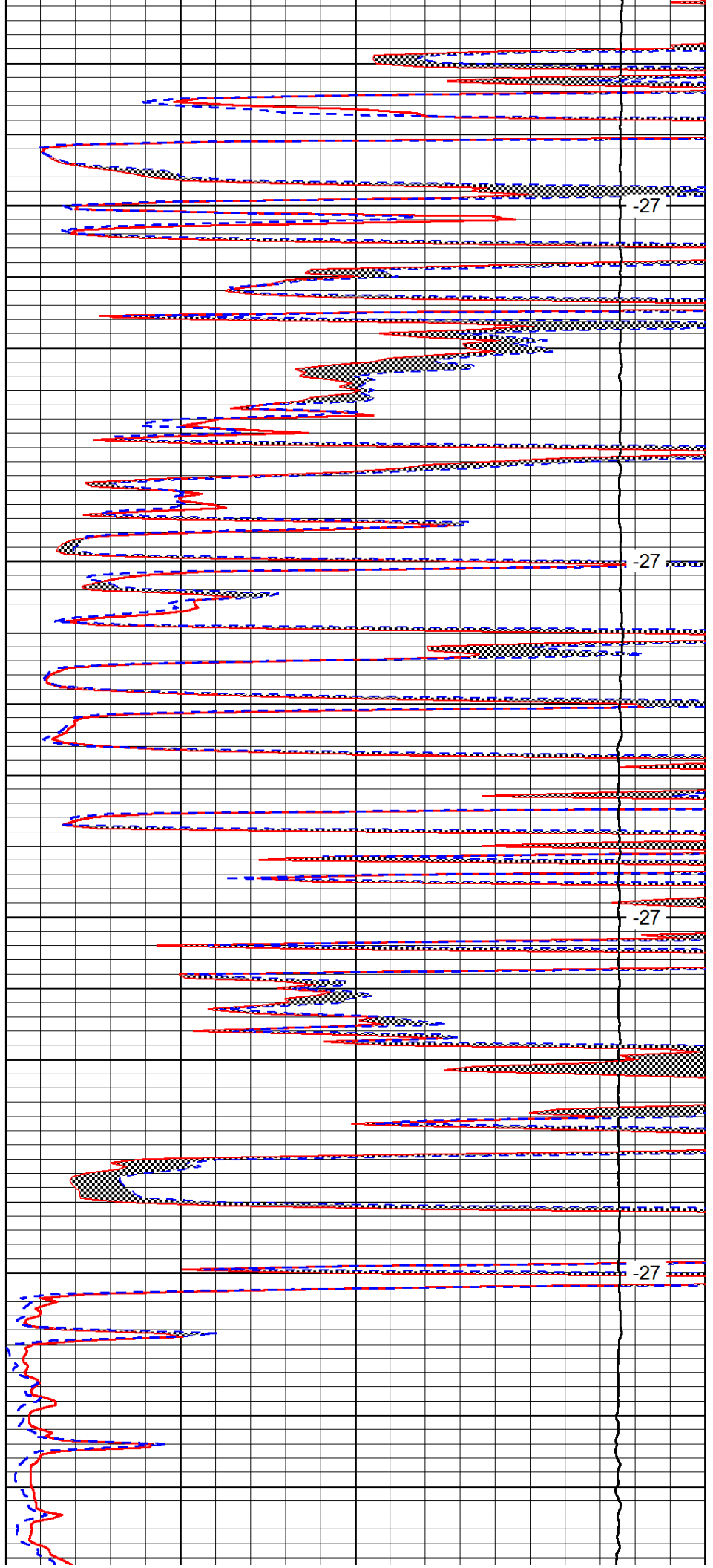


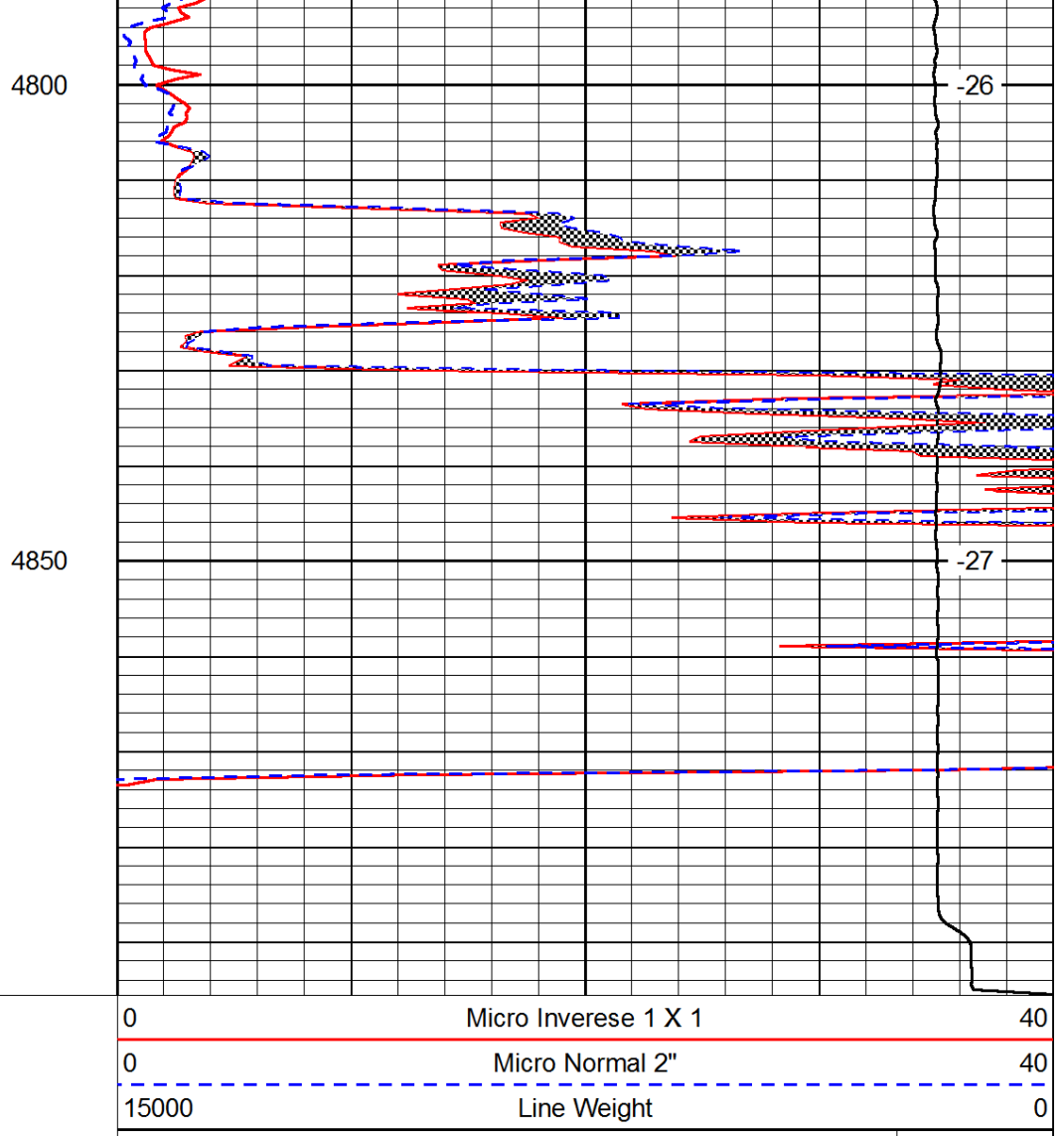
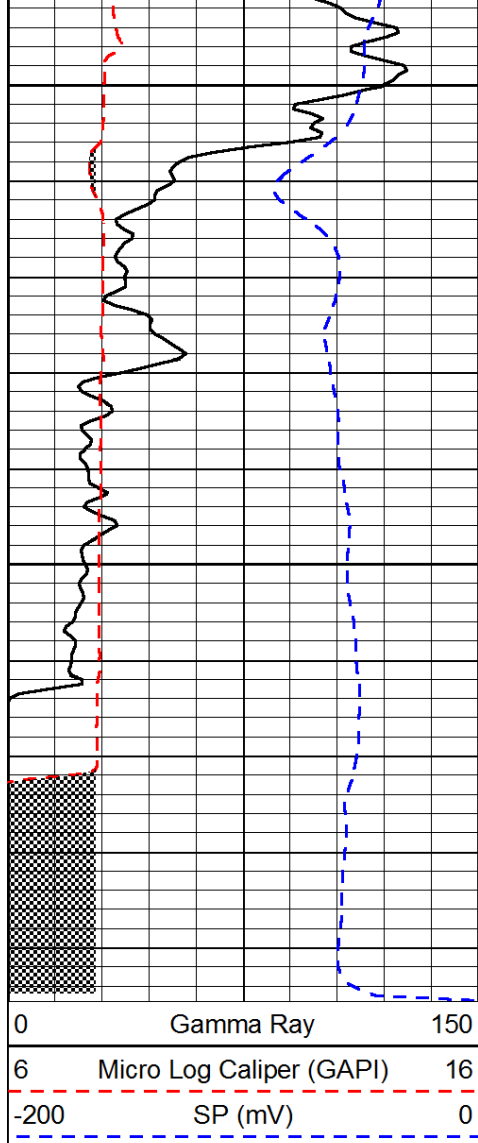
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4650

4700

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LSPD