



Microresistivity Log

Pioneer Energy Services

API No.

15-193-20,924-00-00

Company LB Exploration, Inc.

Well Beaver Valley Supply 4 #1

Field Wildcat

County Thomas

State

Kansas

Location

SE SW SE NW
2530' FNL & 1890' FWL

Sec: 4

Twp: 10S

Rge: 32W

Other Services
CNL/CDL
DIL/BHCS

Permanent Datum Ground Level

Elevation 3092

Log Measured From Kelly Bushing

13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

K.B. 3105
D.F.
G.L. 3092

Date

7/8/2014

Run Number

Two

Depth Driller

4820

Depth Logger

4818

Bottom Logged Interval

4817

Top Log Interval

3500

Casing Driller

8.625 @ 340

Casing Logger

348

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

750

Density / Viscosity

9.4 54
10.5 8.4

pH / Fluid Loss

Flowline

Source of Sample

0.80 @ 86

Rm @ Meas. Temp

0.60 @ 86

Rmf @ Meas. Temp

1.08 @ 86

Rmc @ Meas. Temp

Charts

Source of Rmf / Rmc

0.55 @ 124

Rm @ BHT

5 Hours

Operating Rig Time

124

Max Rec. Temp. F

15

Equipment Number

Hays

Location

D. Kerr

Recorded By

Steven Petermann

Witnessed By

<<< Fold Here >>>

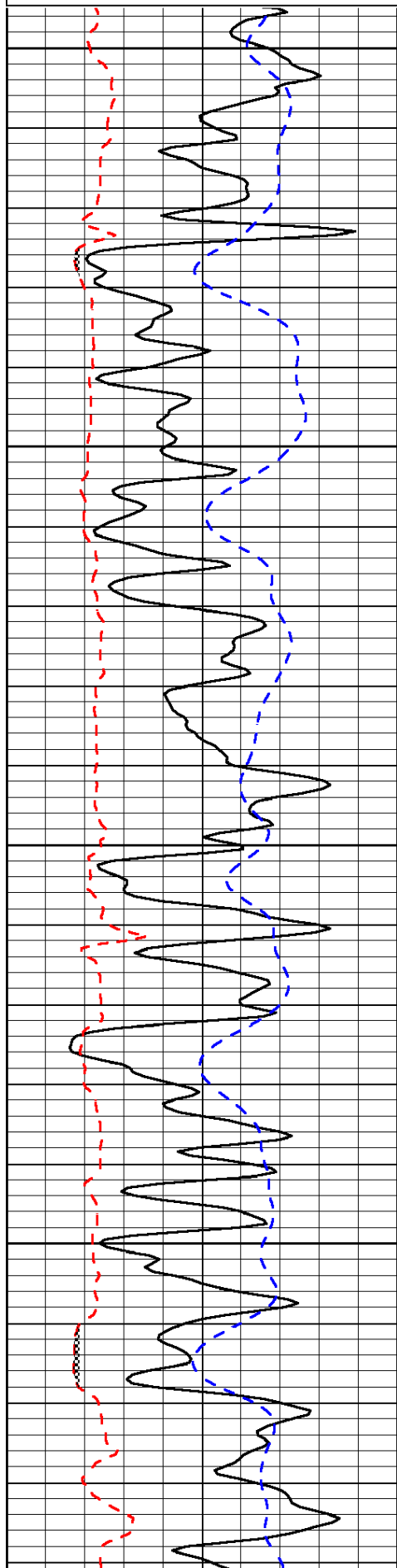
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Oakley KS, Exit 70, 1 1/2 North to F RD,
3 West to 27.5 RD, 3/4 North West Into

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

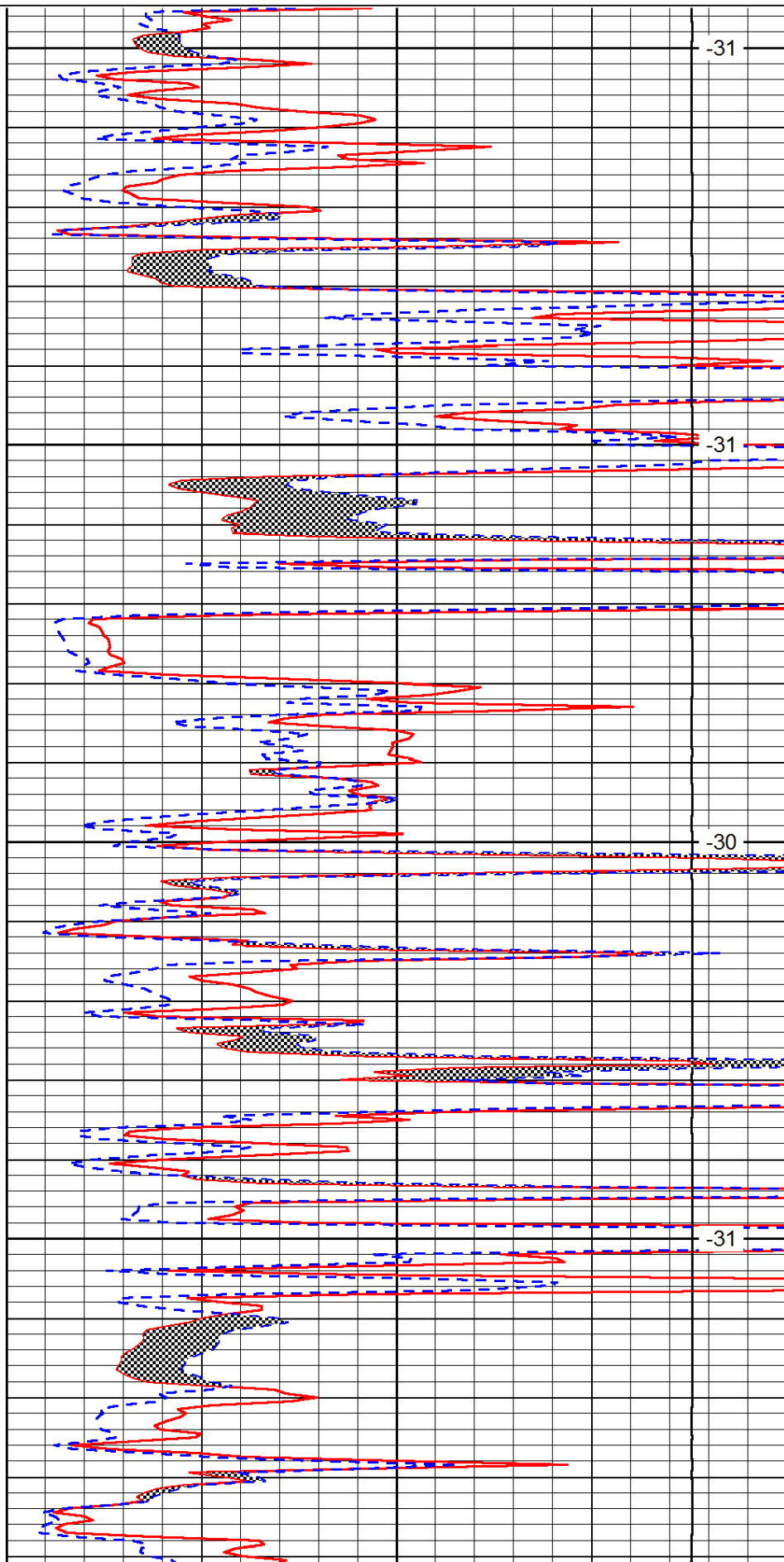


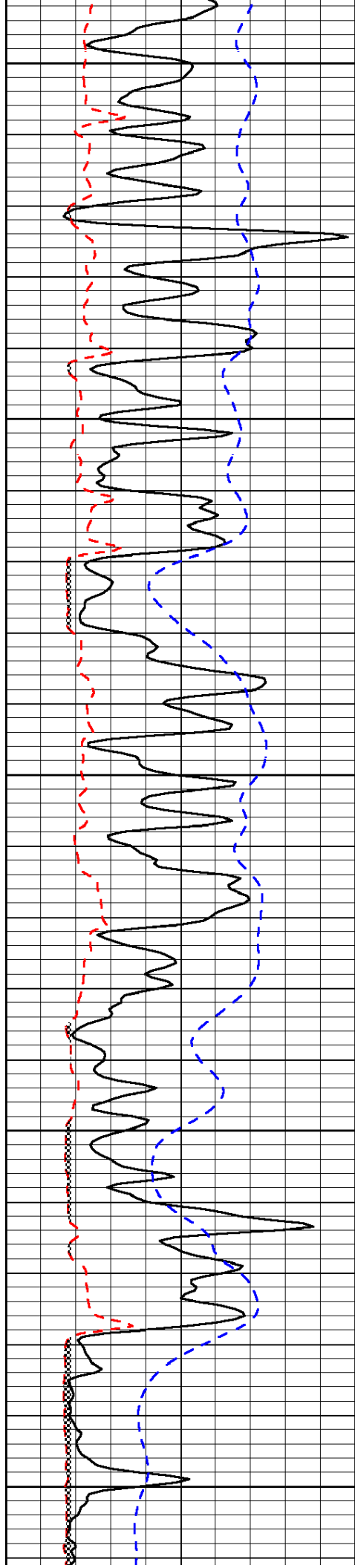
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3550

3600

3650





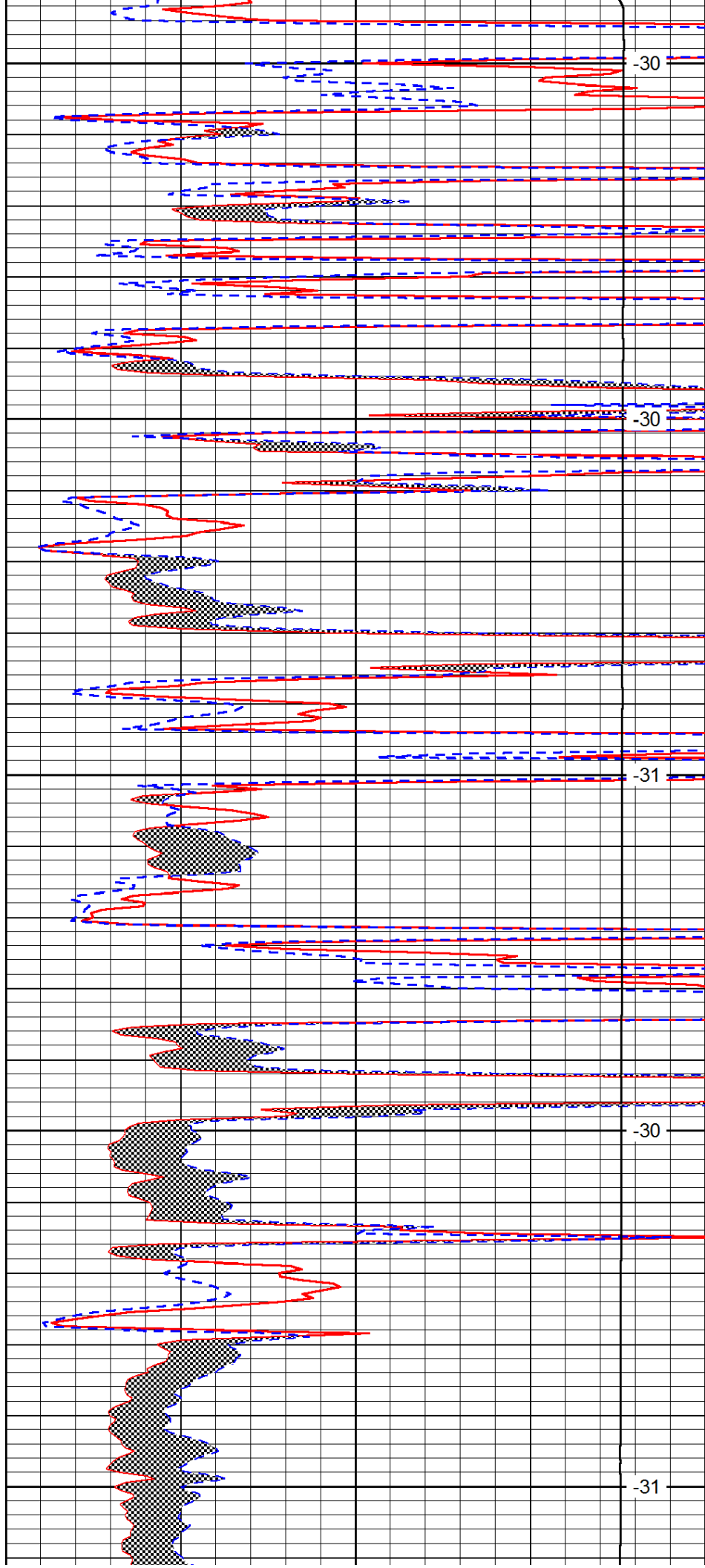
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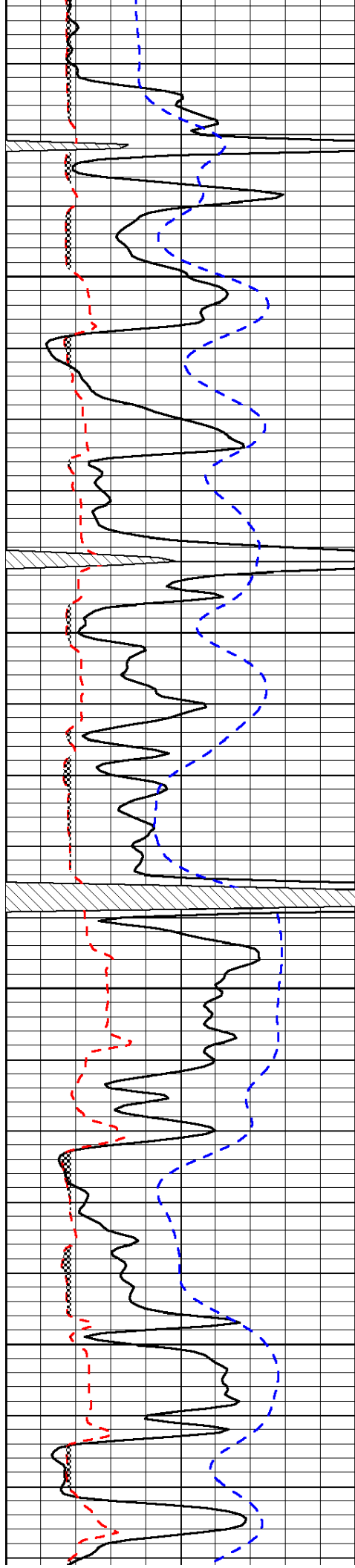
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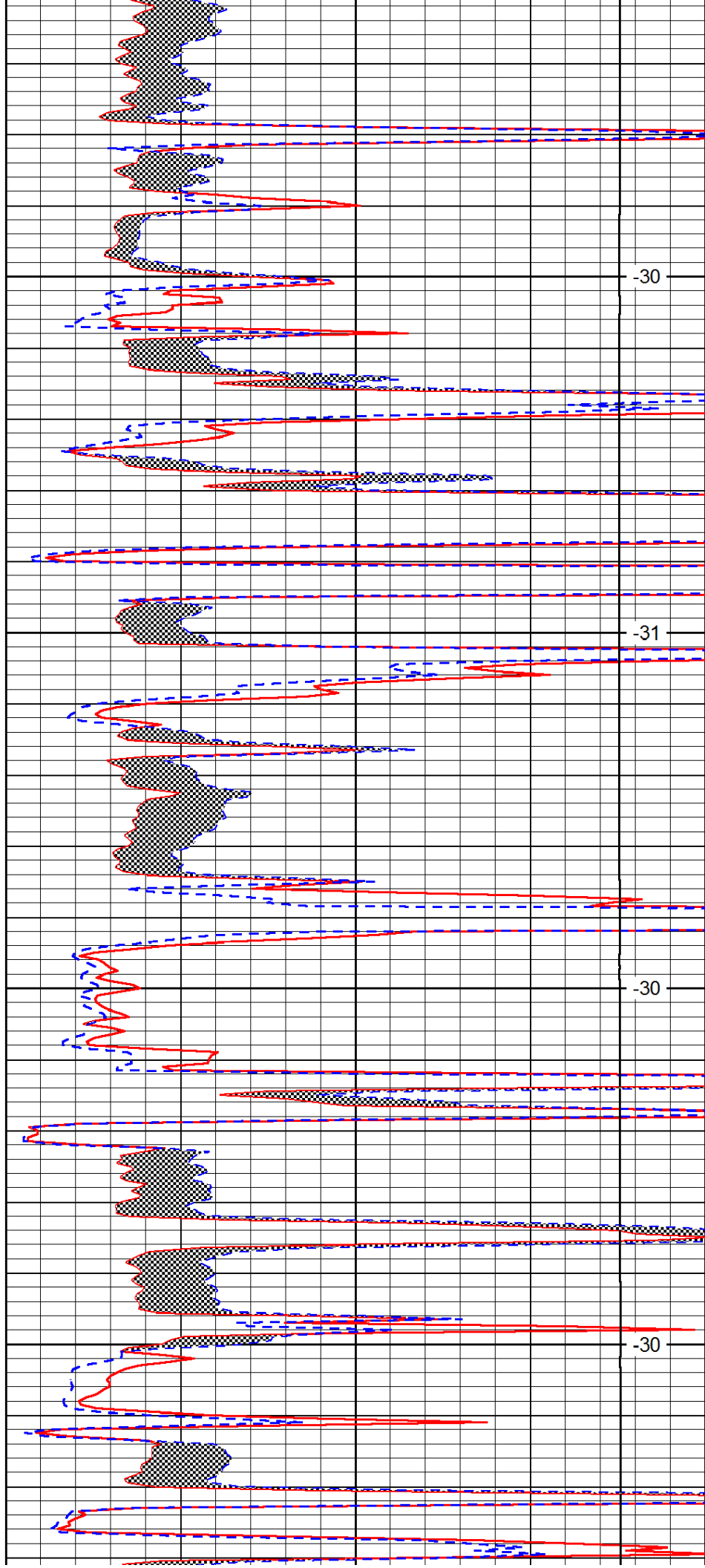


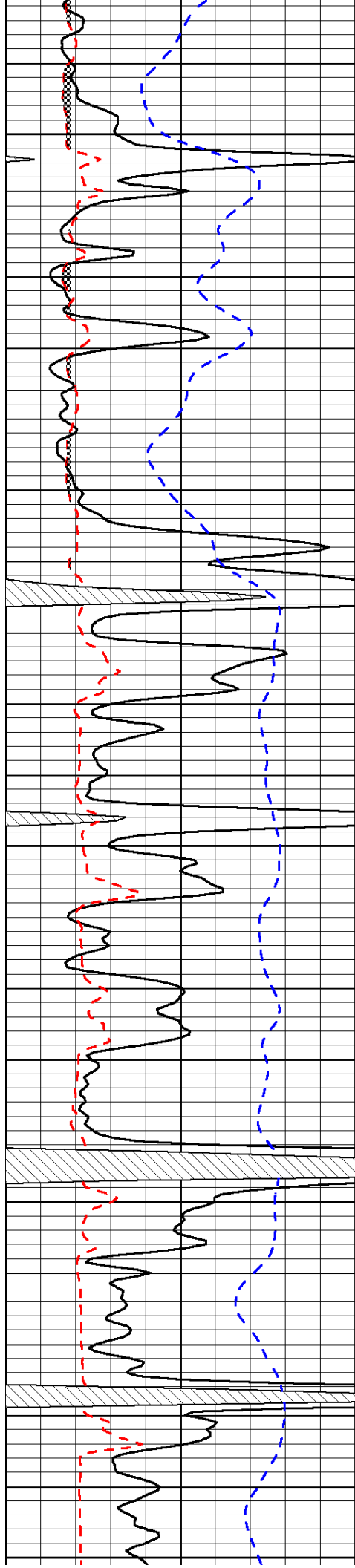
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4000

4050

4100





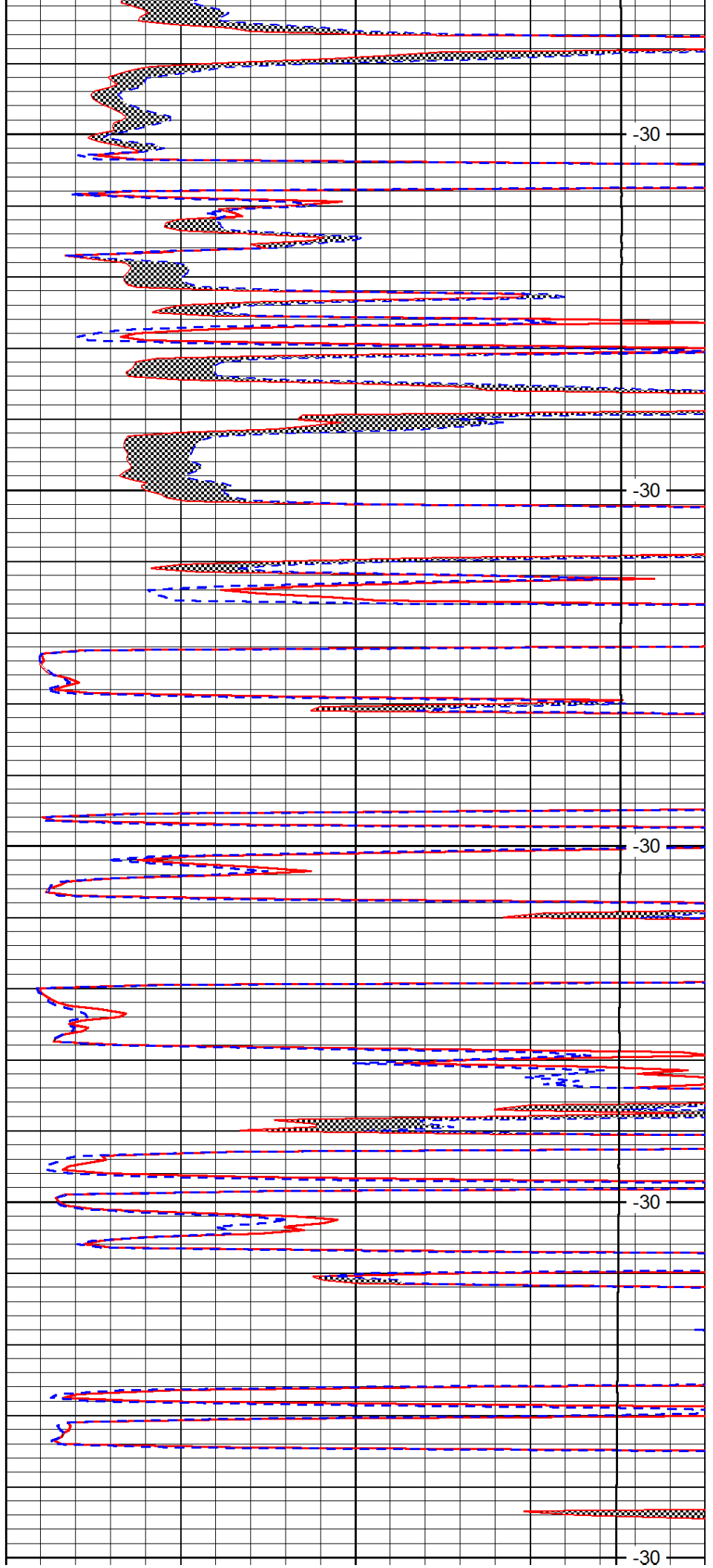
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4200

4250

4300

4350



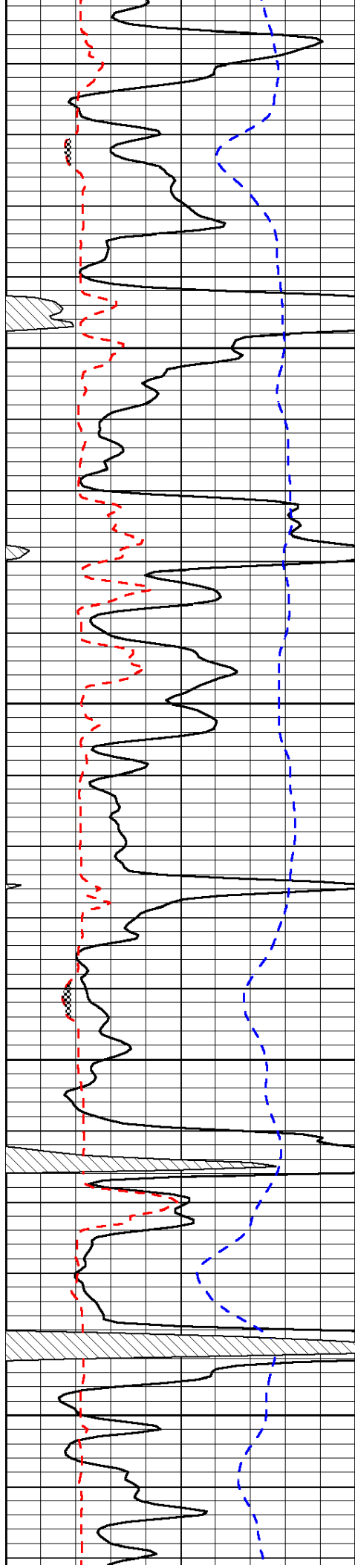
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-30

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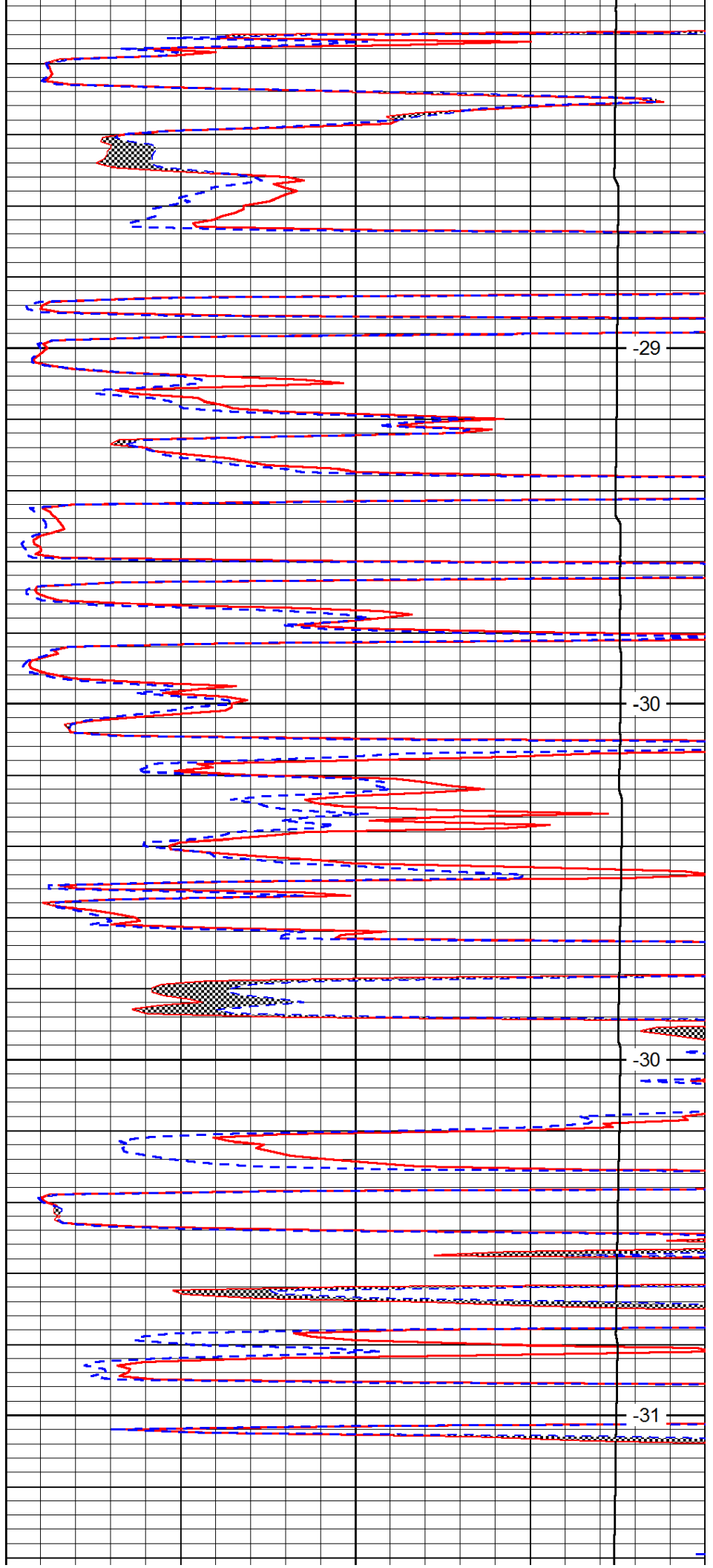


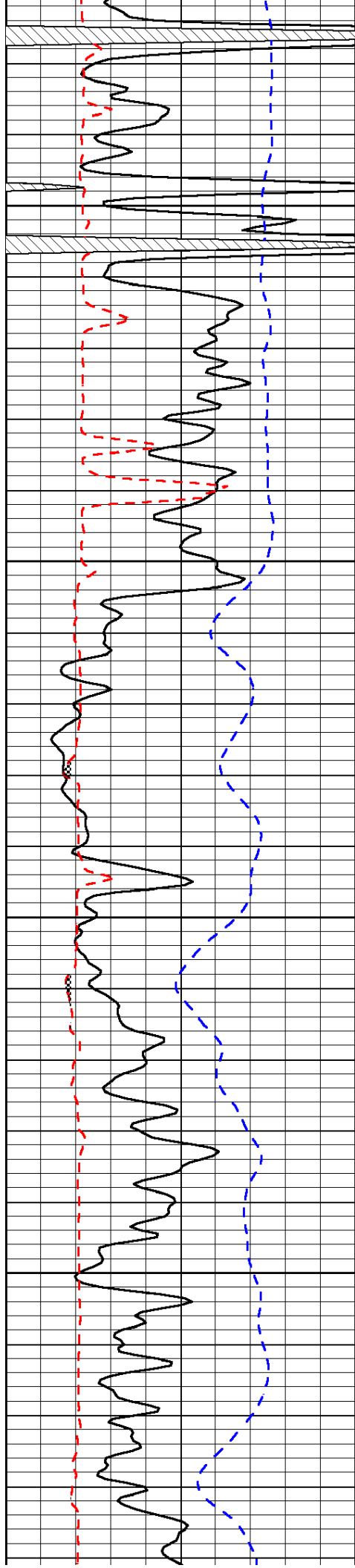
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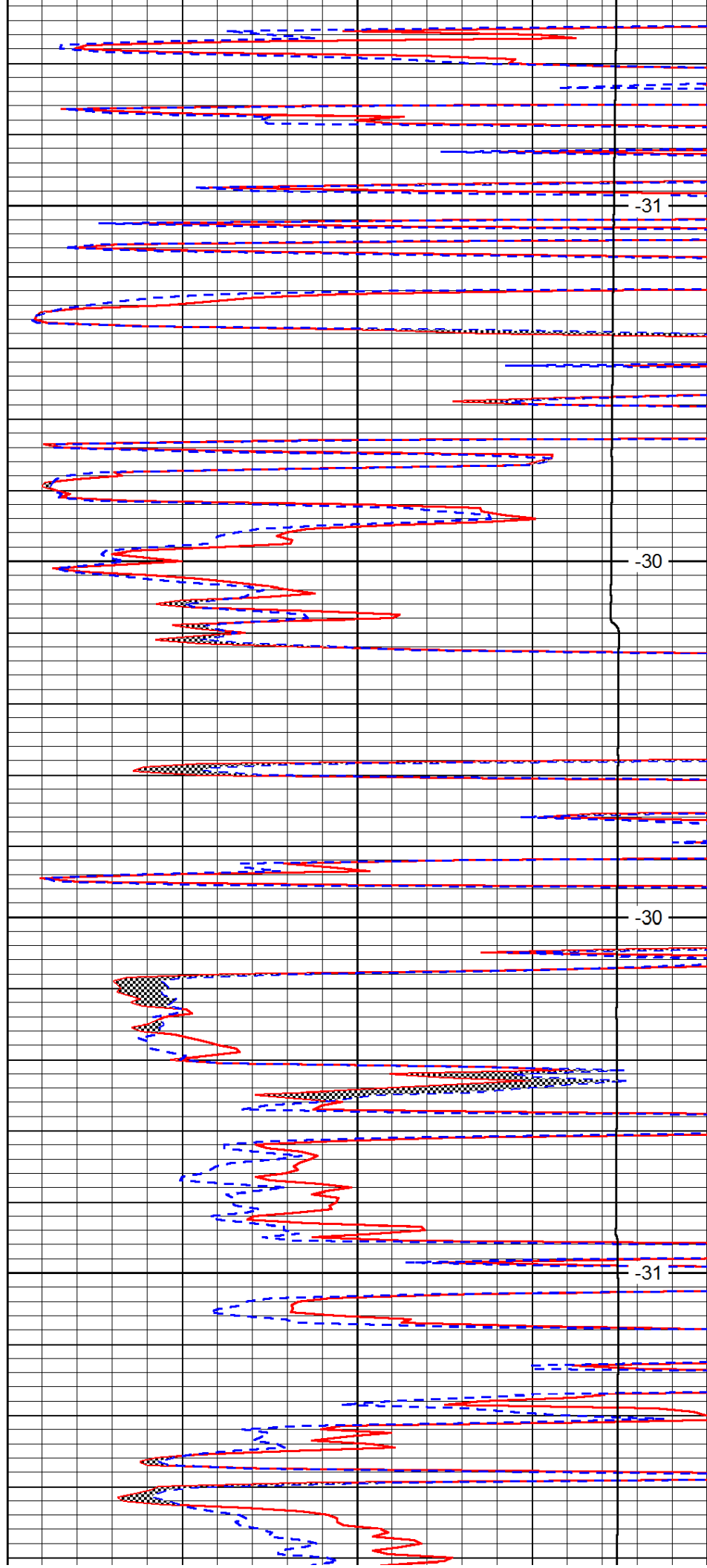


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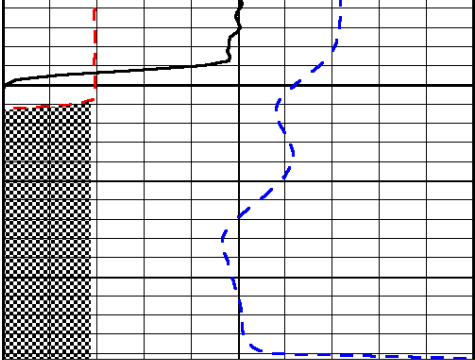


-31

-30

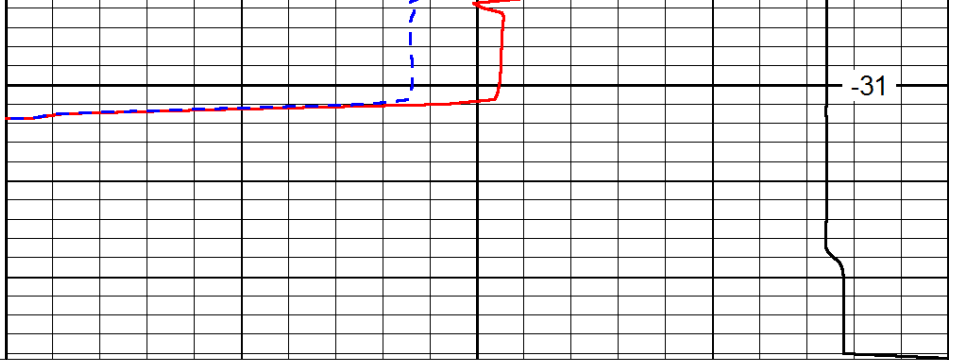
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-31



0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

4800



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD