



Microresistivity Log

Pioneer Energy Services

API No.

15-097-21,760-00-00

Company **McCoy Petroleum Corporation**

Well **Hill "A" #3-23**

Field **Alford**

County **Kiowa**

State

Kansas

Location

660' FSL & 660' FWL

Sec: 23

Twp: 30S

Rge: 19W

Elevation

K.B. 2241

D.F. 2230

G.L. 2230

Permanent Datum

Ground Level

Elevation 2230

Log Measured From

Kelly Bushing

11 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

Date

6/11/2013

Run Number

Two

Depth Driller

5200

Depth Logger

5203

Bottom Logged Interval

5202

Top Log Interval

3900

Casing Driller

8.625 @ 635

Casing Logger

632

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

7400

Density / Viscosity

9.2 57

pH / Fluid Loss

10.0 12.8

Source of Sample

Flowline

Rm @ Meas. Temp

0.12 @ 88

Rmf @ Meas. Temp

0.09 @ 88

Rmc @ Meas. Temp

0.16 @ 88

Source of Rmf / Rmc

Charts

Rm @ BHT

0.08 @ 128

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

128

Equipment Number

15

Location

Hays

Recorded By

D. Kerr

Witnessed By

Dave Williams

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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.

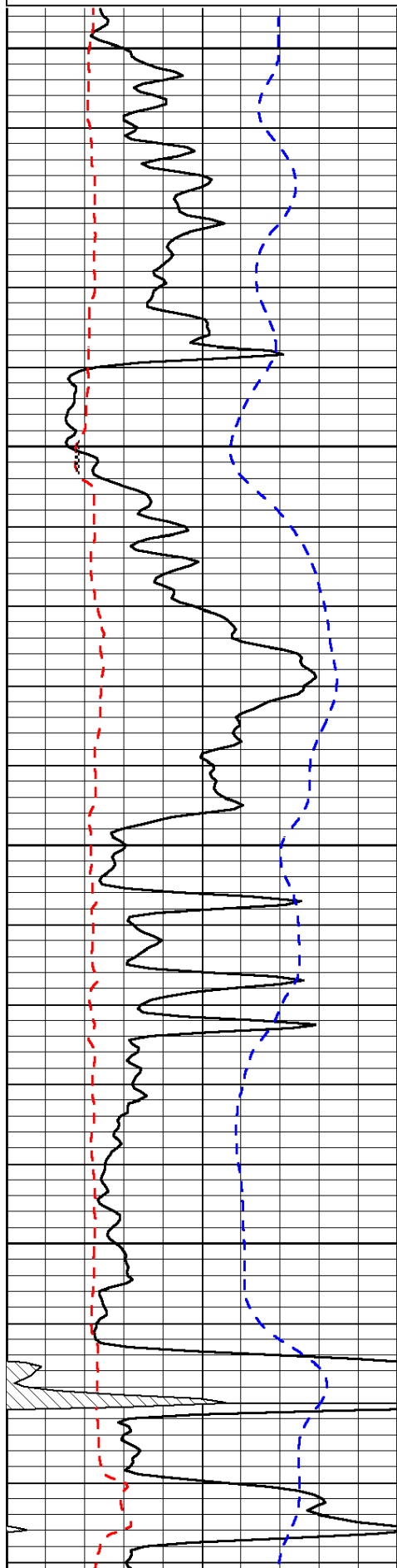
Comments

Thank you for using Pioneer Energy Services
www.pioneerenergy.com
785 625 3858

Greensburg KS, West to HWY 183, South to T RD,
3 West to 21st RD, 3 South East Into

Database File: c:\warrior\data\mccoy_hill a #3-23\mccoy_hill_a_3_23hd.db
Dataset Pathname: DIL\mcoystk
Presentation Format: micro
Dataset Creation: Wed Jun 12 03:45:21 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

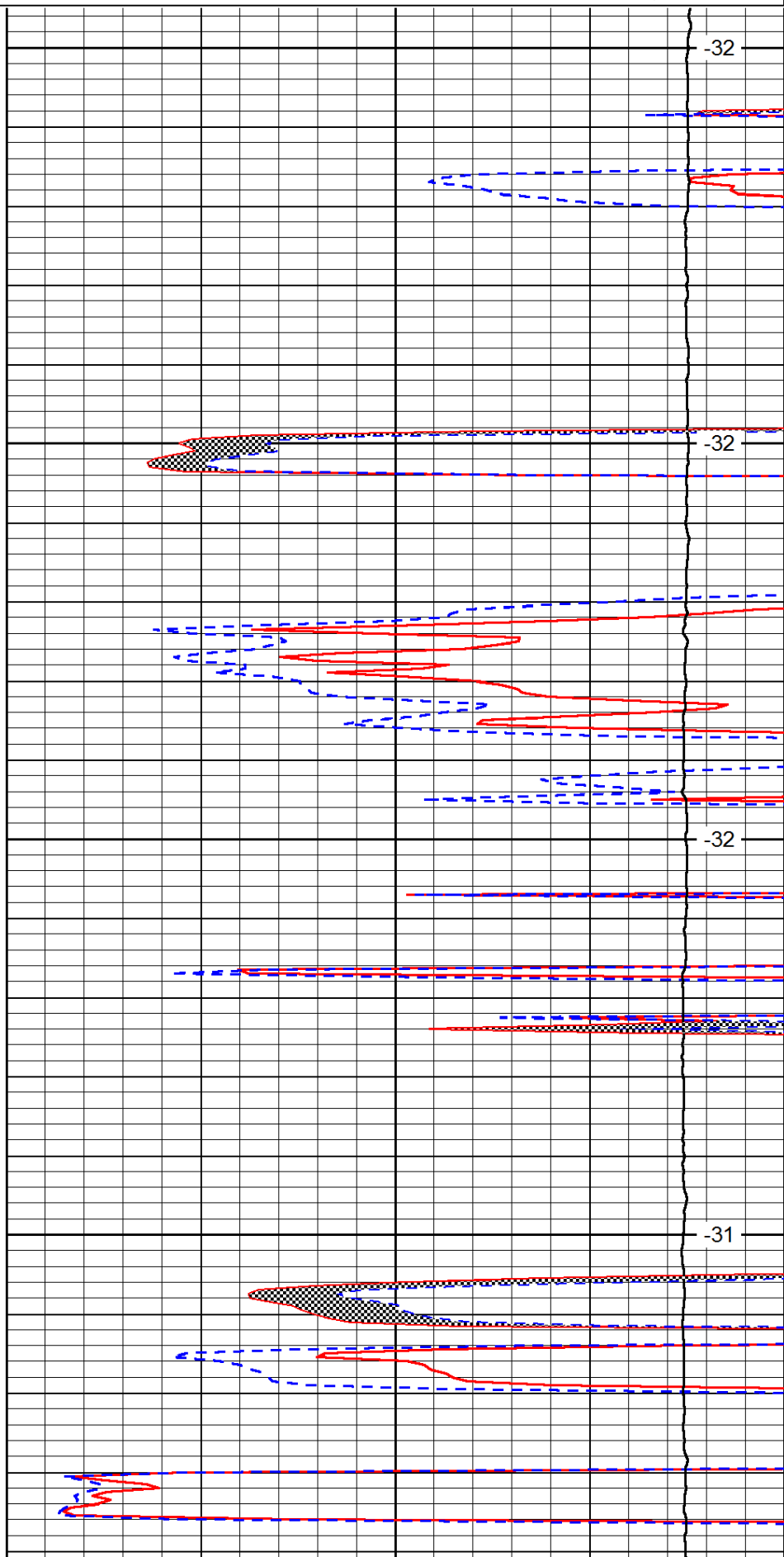


3900

3950

4000

4050



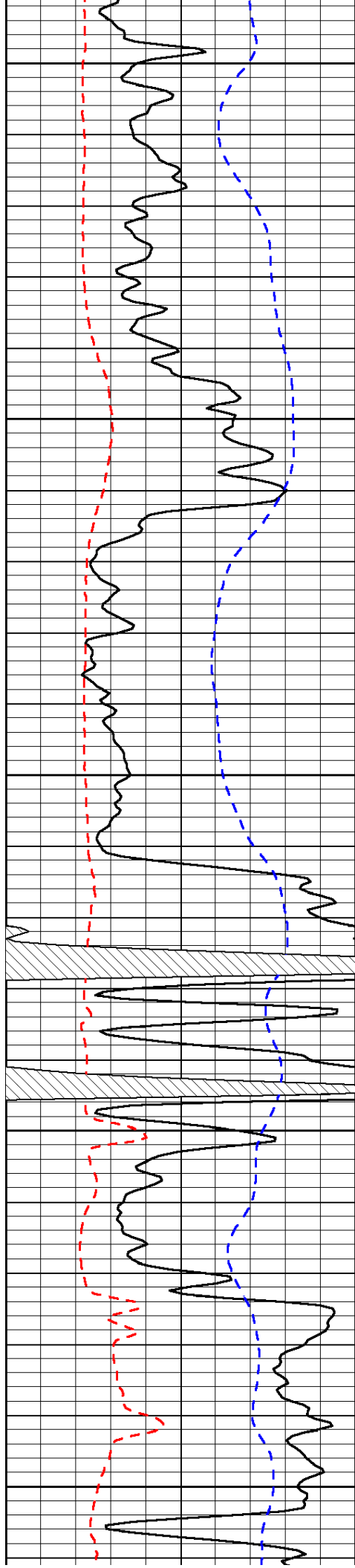
-32

-32

-32

-31

LSPD



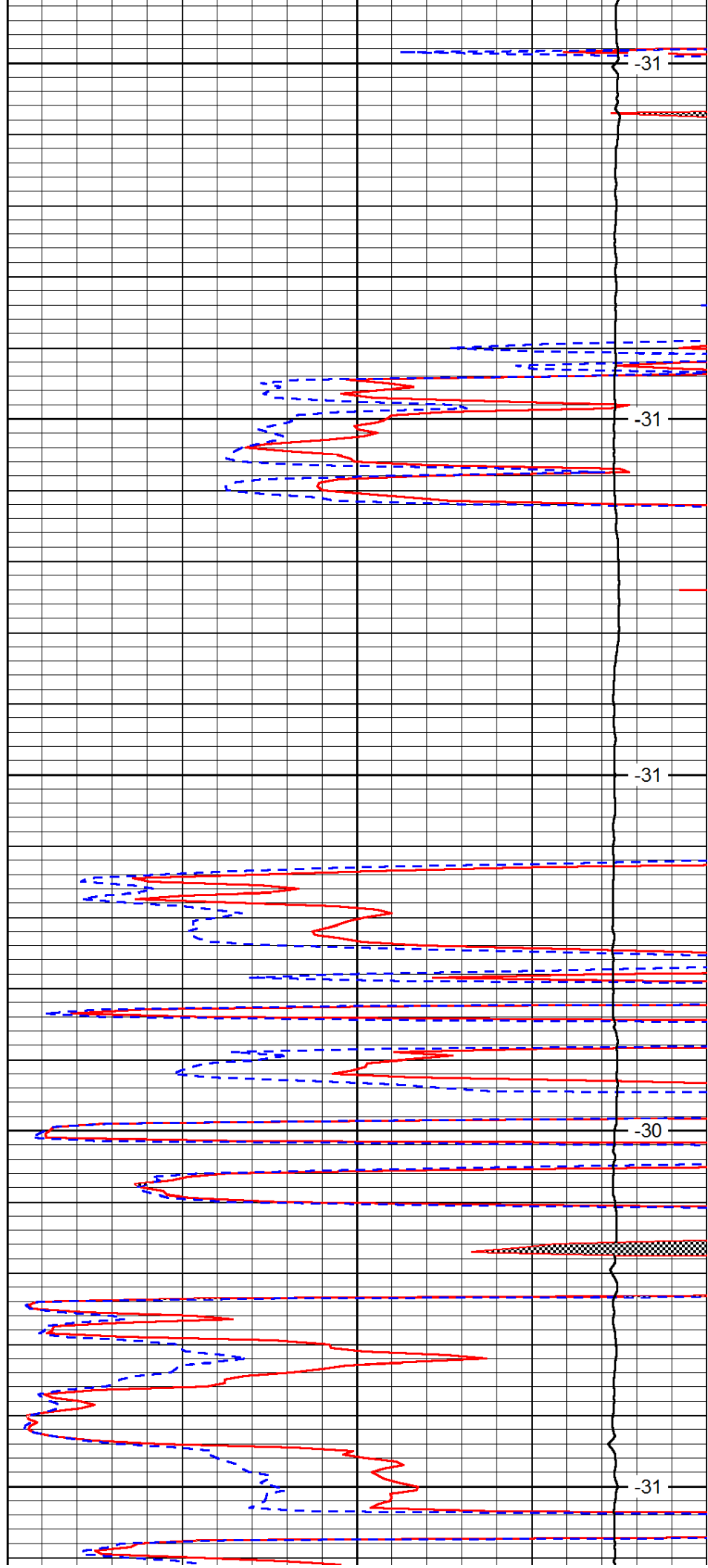
4100

4150

4200

4250

4300



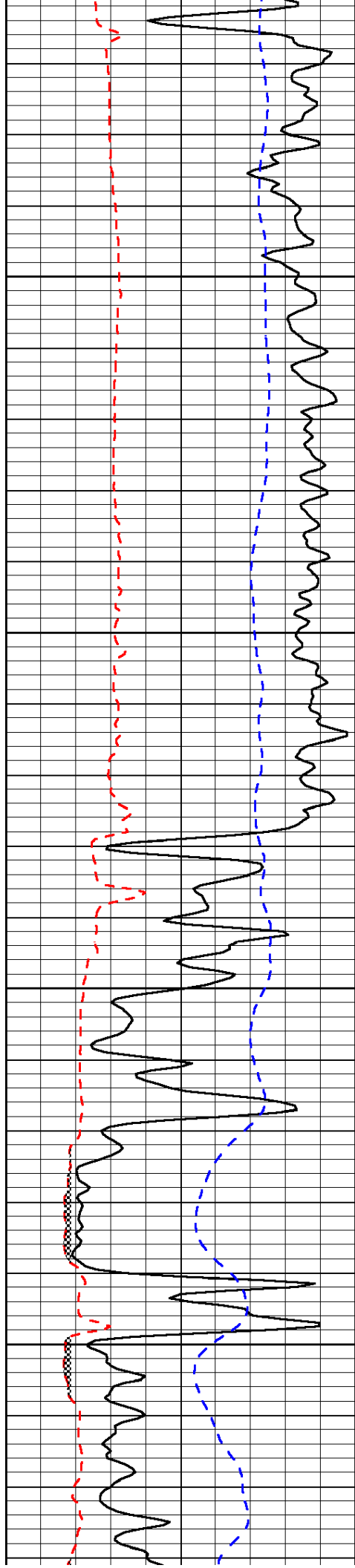
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-31

-31

-30

-31

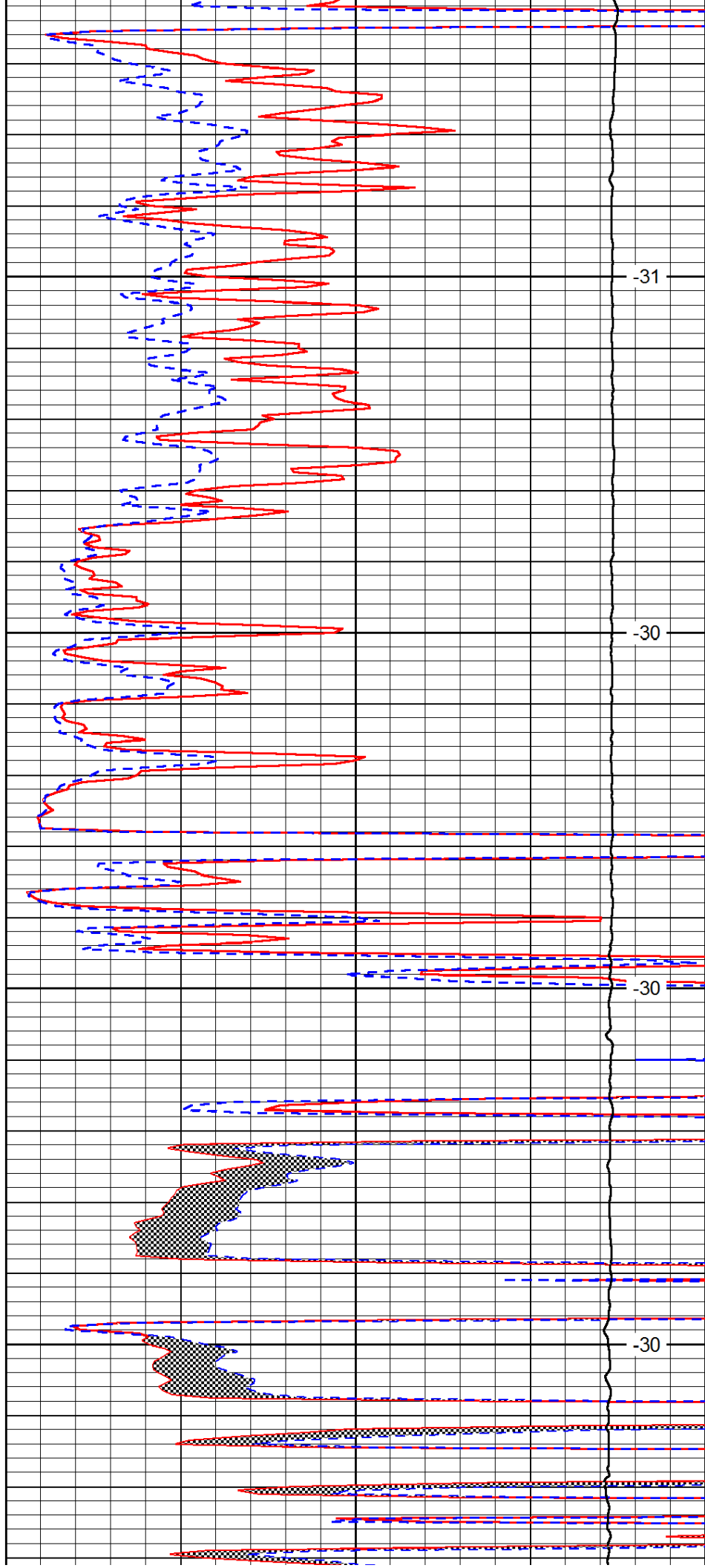


4350

4400

4450

4500

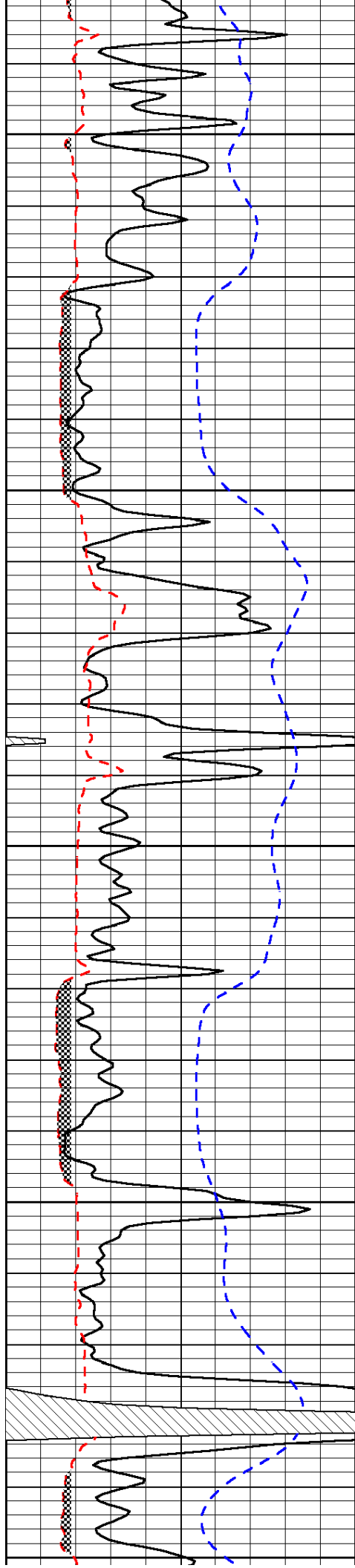


-31

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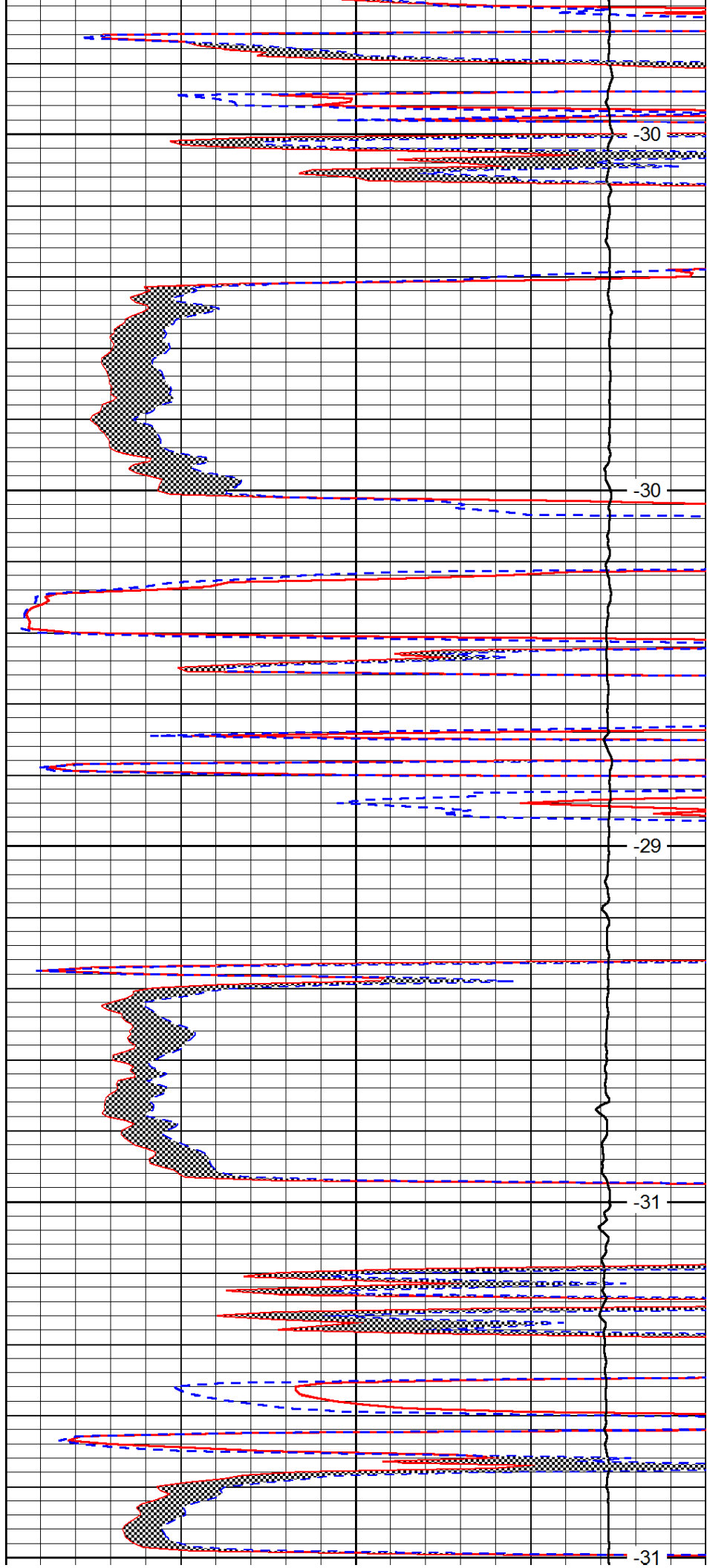
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4600

4650

4700

4750



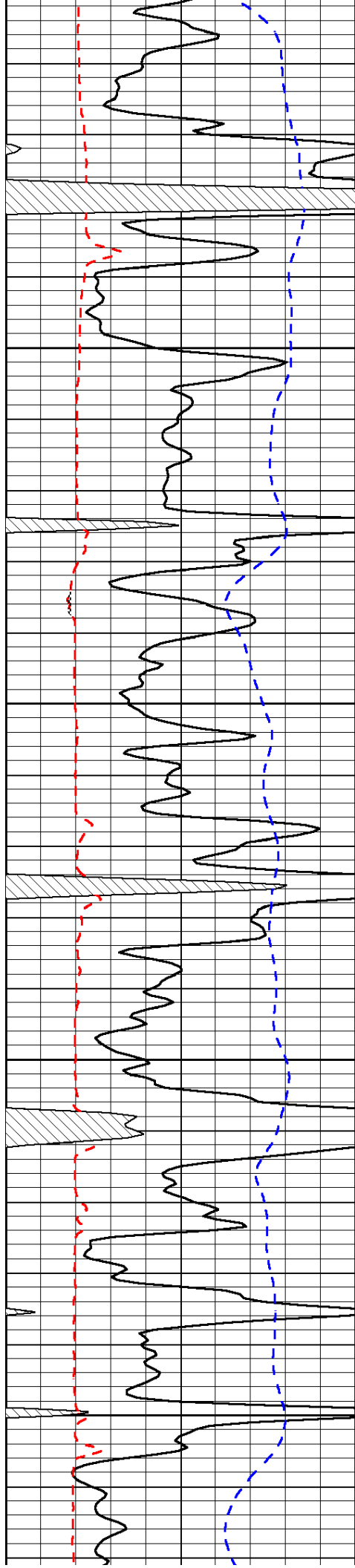
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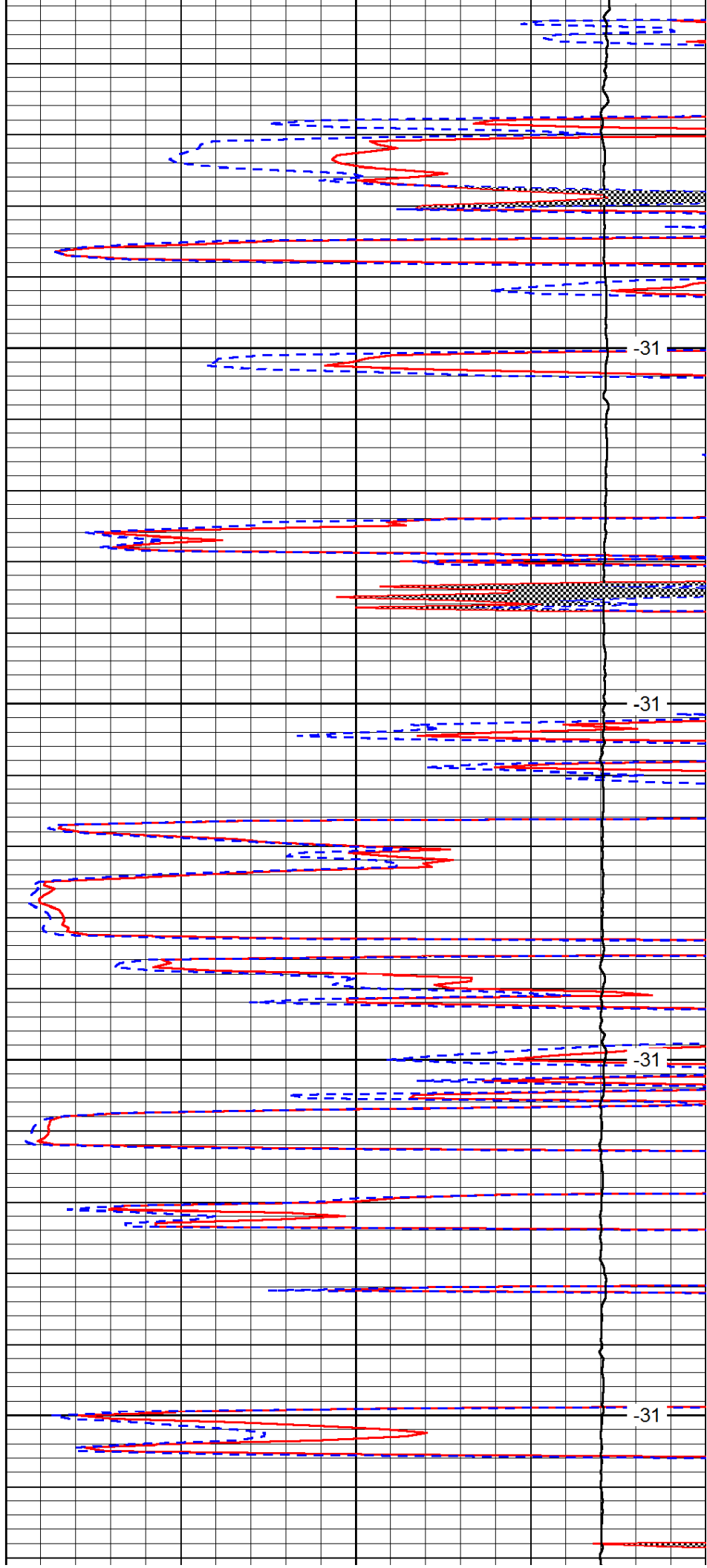


4800

4850

4900

4950

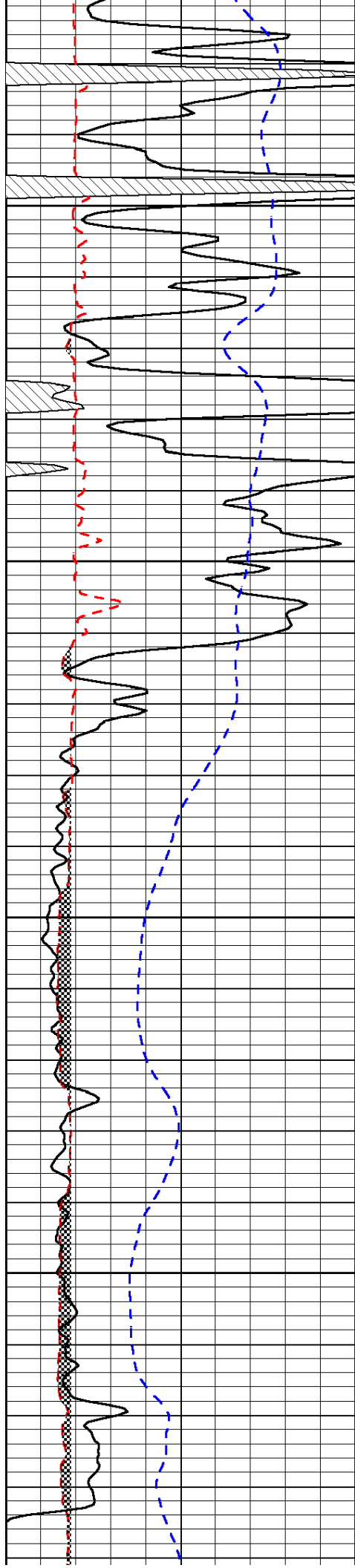


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-31

-31

-31

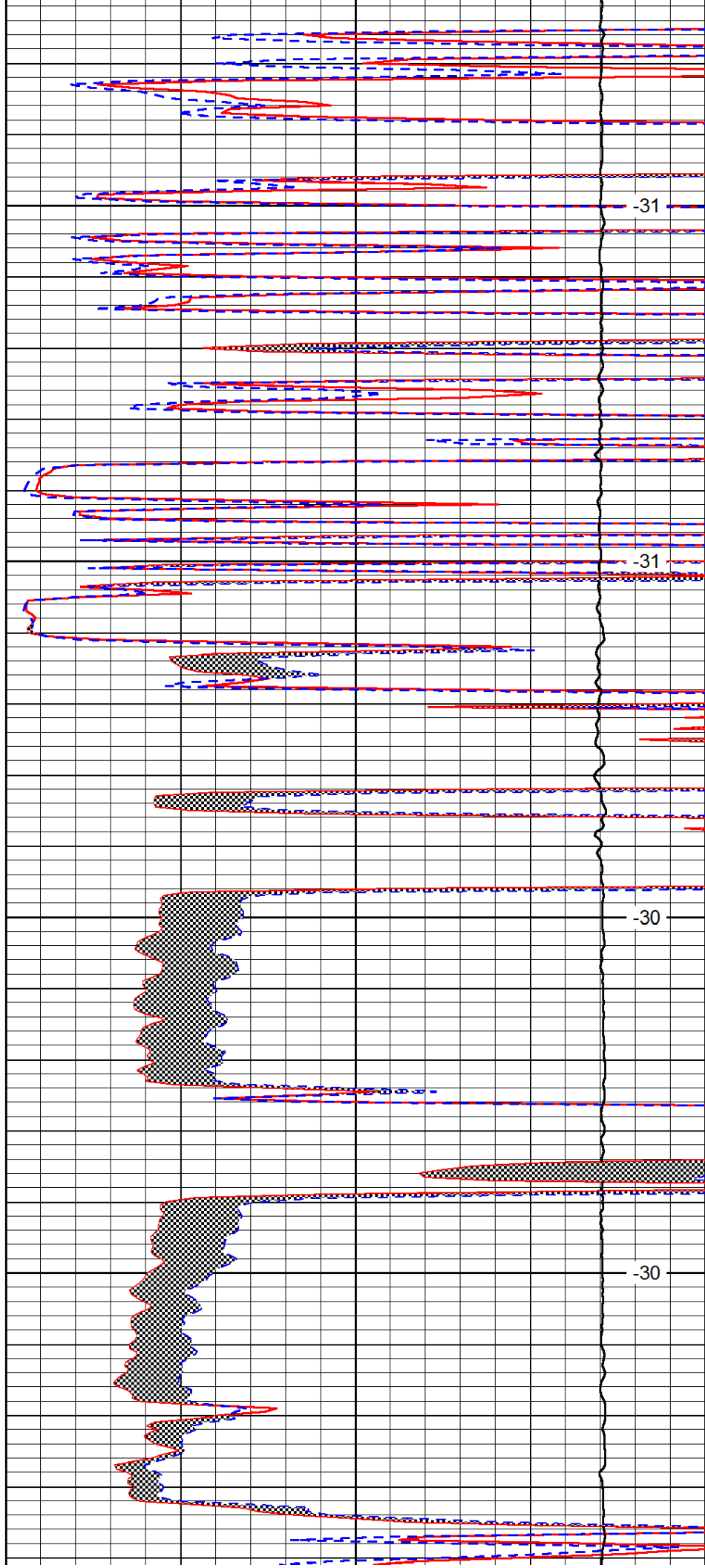


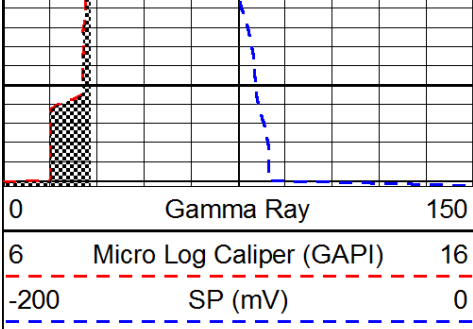
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5050

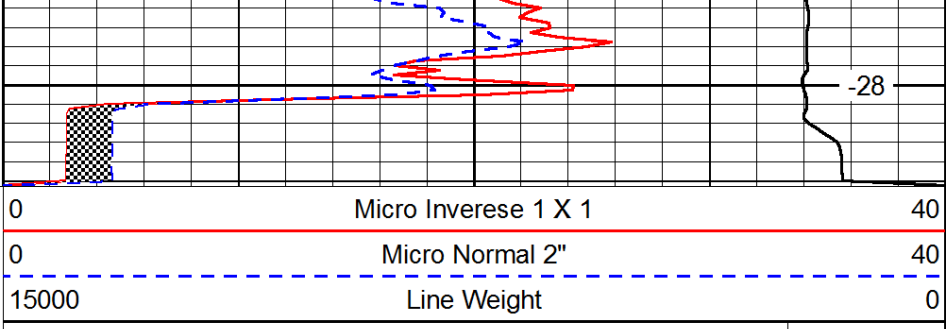
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5150





5200



-28

LSPD