



Pioneer Energy Services

Microresistivity Log

15-145-21,741-00-00

API No.

Company **H&B Petroleum Corporation**
 Well **Mount Trust #1**
 Field **Hurray**
 County **Pawnee** State **Kansas**

Location
1645' FNL & 380' FEL

Sec: **3** Twp: **22S** Rge: **15W**

Other Services
 CNL/CDL
 DIL/BHCS

Permanent Datum **Ground Level** Elevation **1972**
 Log Measured From **Kelly Bushing** 12 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Elevation
 K.B. 1984
 D.F. 1972
 G.L. 1972

Date	11/17/2013	
Run Number	Two	
Depth Driller	3938	
Depth Logger	3934	
Bottom Logged Interval	3933	
Top Log Interval	3000	
Casing Driller	8.625 @ 417	
Casing Logger	417	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	5,000	
Density / Viscosity	9.3 54	
pH / Fluid Loss	10.0 9.6	
Source of Sample	Flowline	
Rm @ Meas. Temp	.32 @ 58	
Rmf @ Meas. Temp	.24 @ 58	
Rmc @ Meas. Temp	.43 @ 58	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.16 @ 115	
Operating Rig Time	4 1/2 Hours	
Max Rec. Temp. F	115	
Equipment Number	17	
Location	Hays	
Recorded By	C. Desaire	
Witnessed By	Jim Musgrove	Al Hammersmith

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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

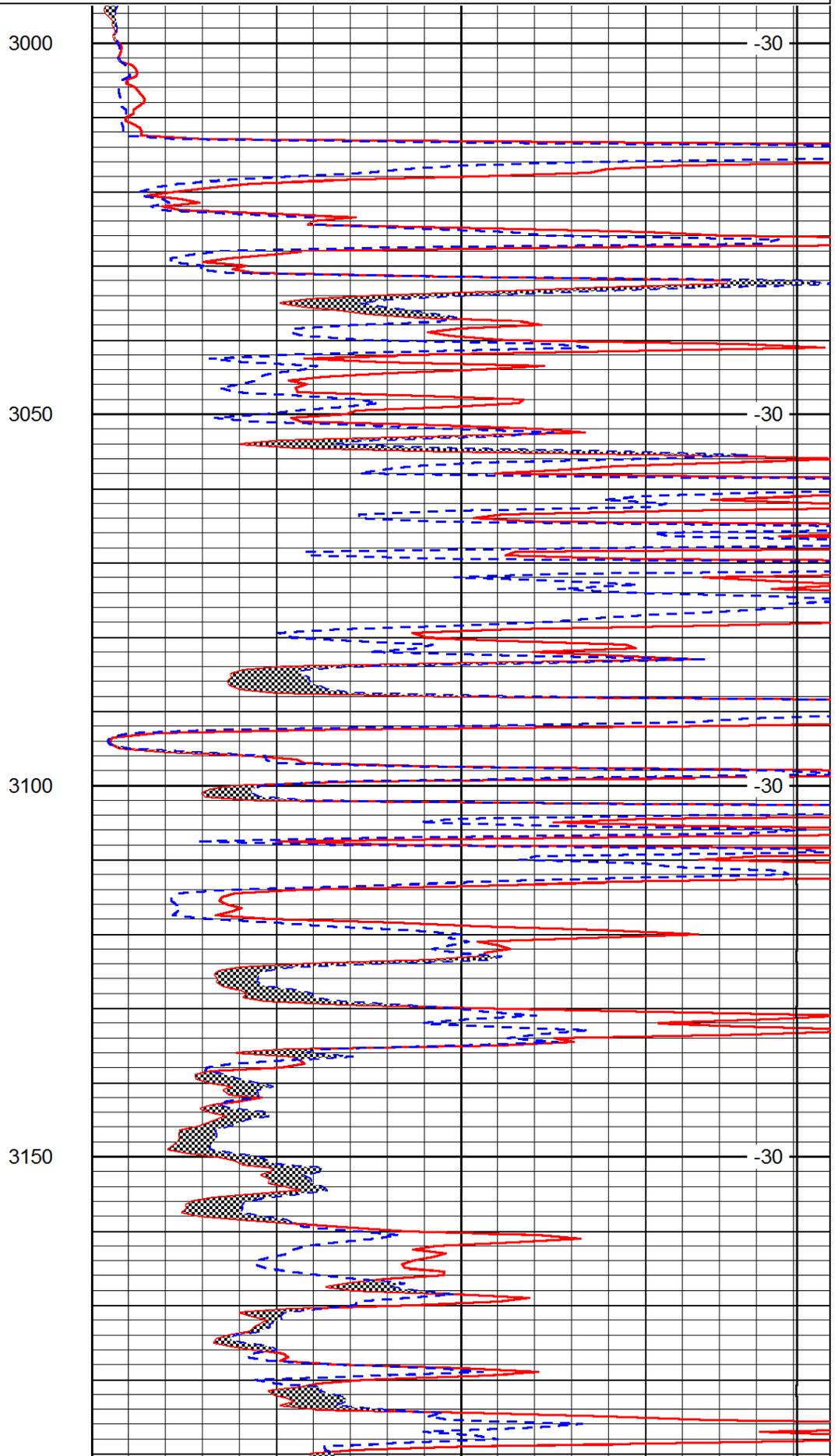
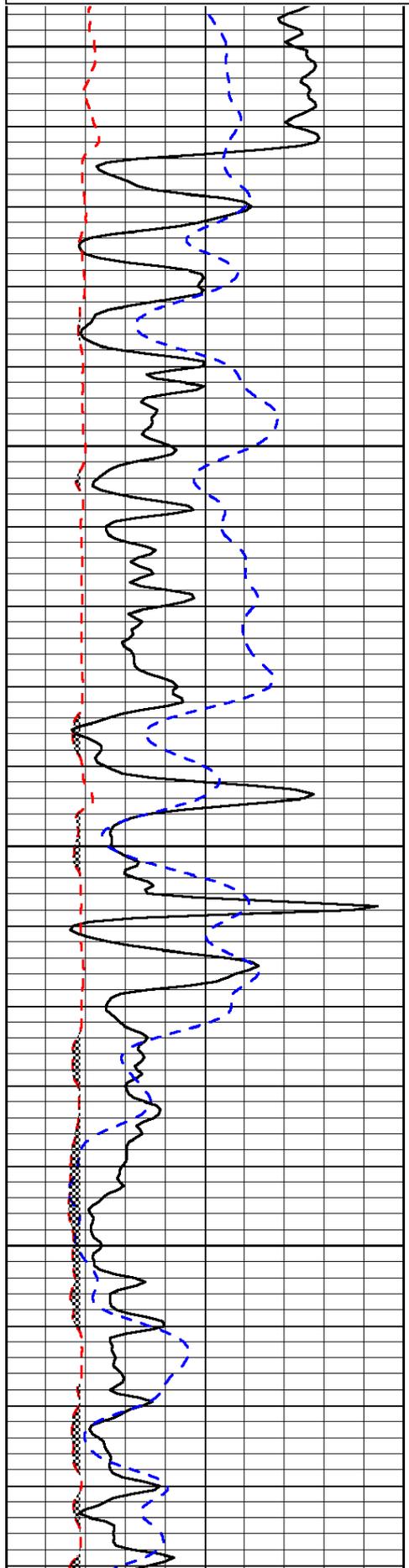
Larned KS, E on K-19 to Ave 30,
 1/2 N, W Into

Database File: c:\warrior\data\h&b_mount trust #1\hbhd.db
 Dataset Pathname: dil/hbstk
 Presentation Format: micro
 Dataset Creation: Sun Nov 17 02:38:34 2013
 Charted by: Depth in Feet scaled 1:240

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

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

LSPD



3000

3050

3100

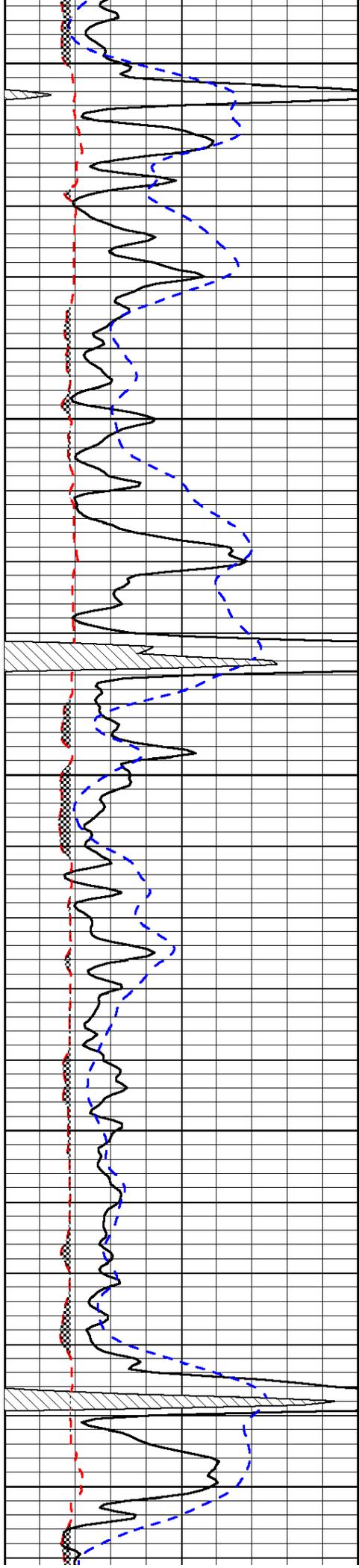
3150

-30

-30

-30

-30



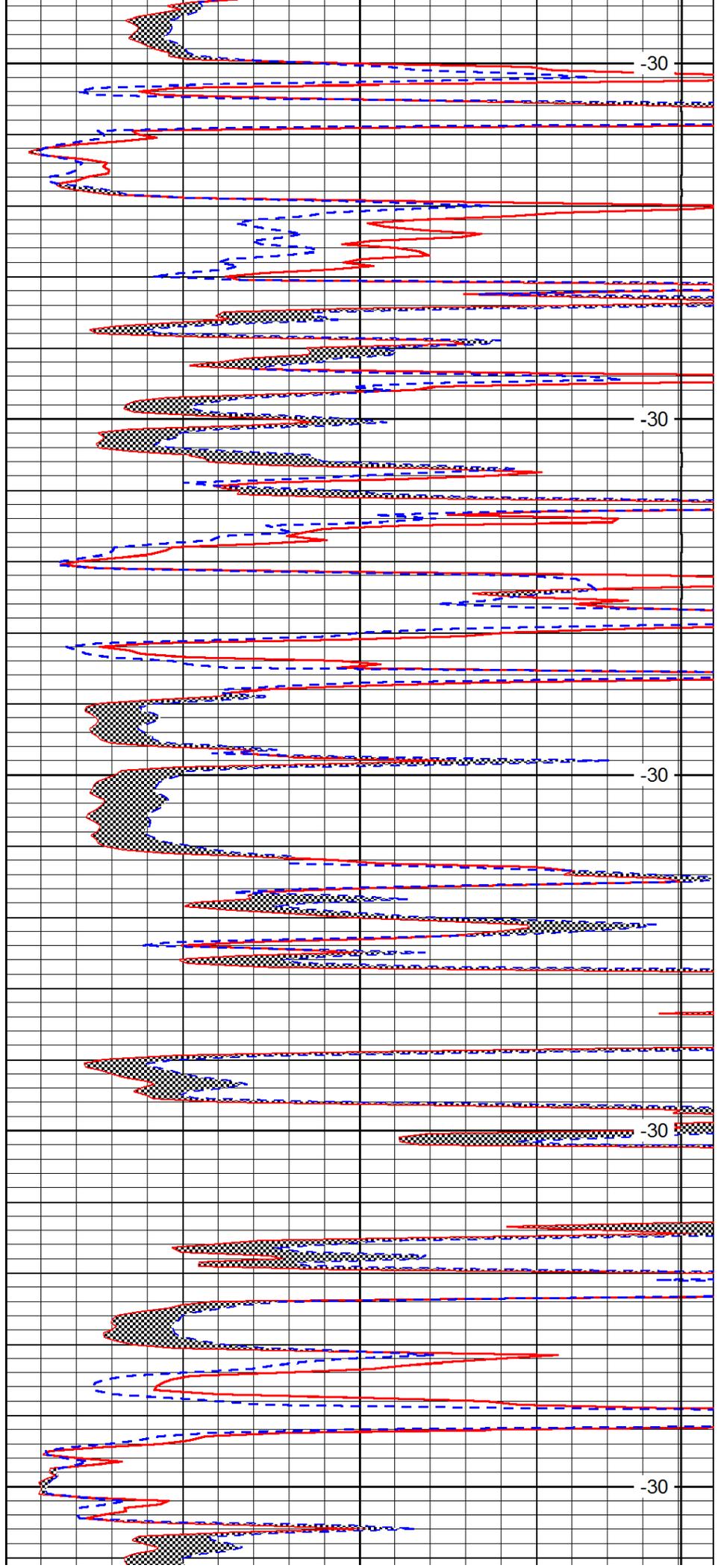
3200

3250

3300

3350

3400



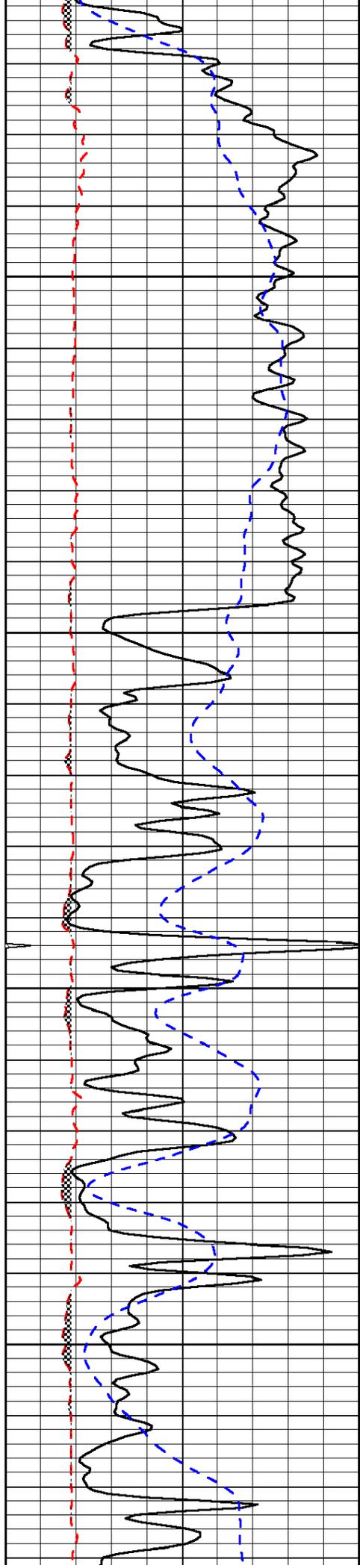
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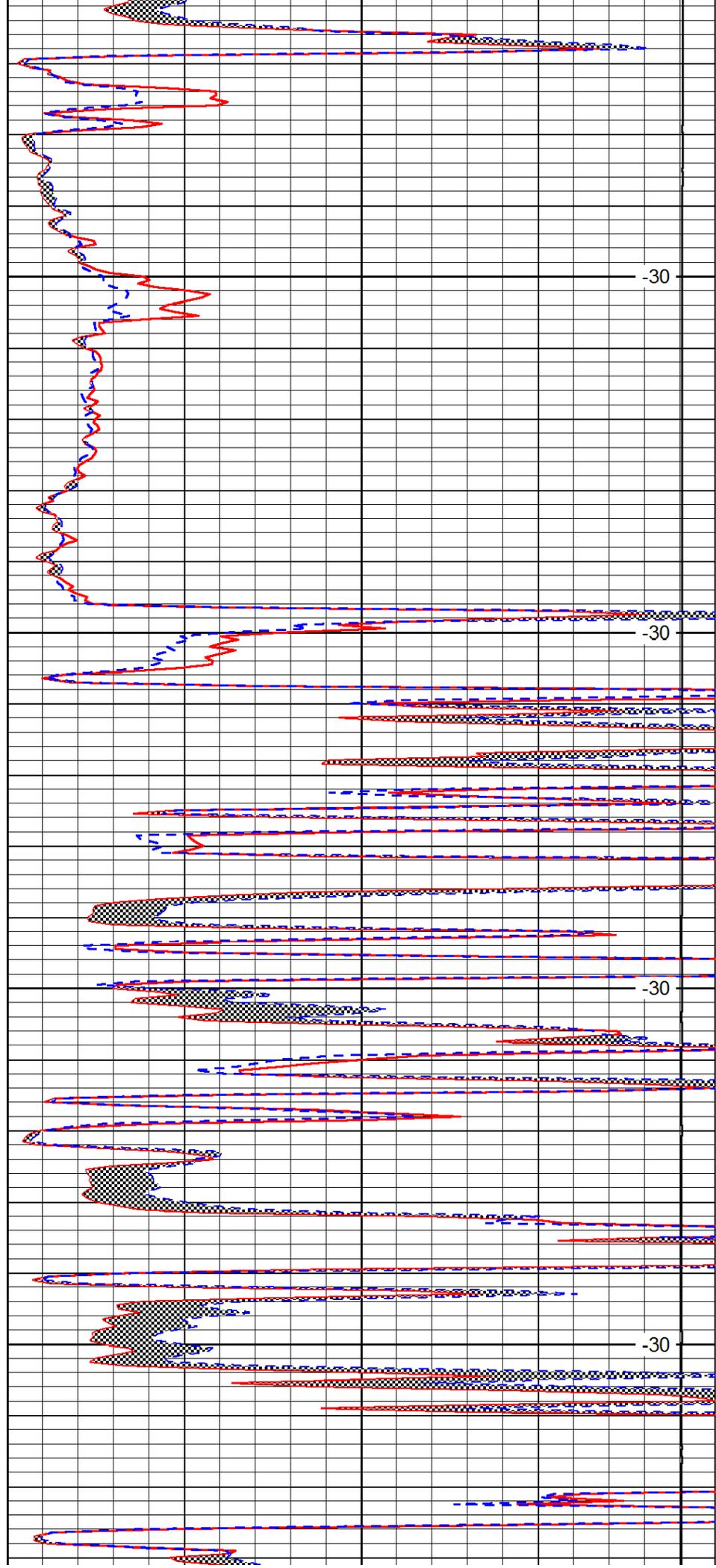


3450

3500

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3600

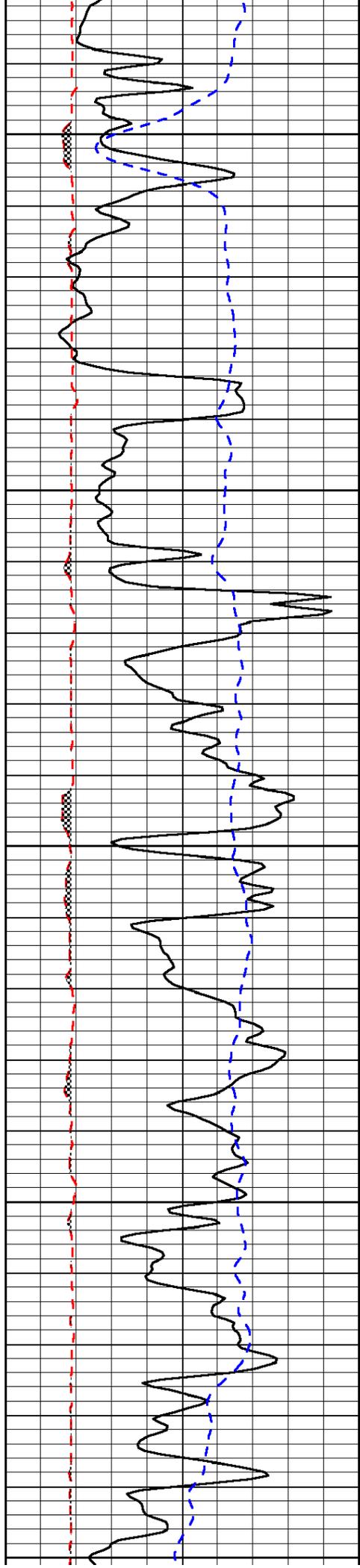


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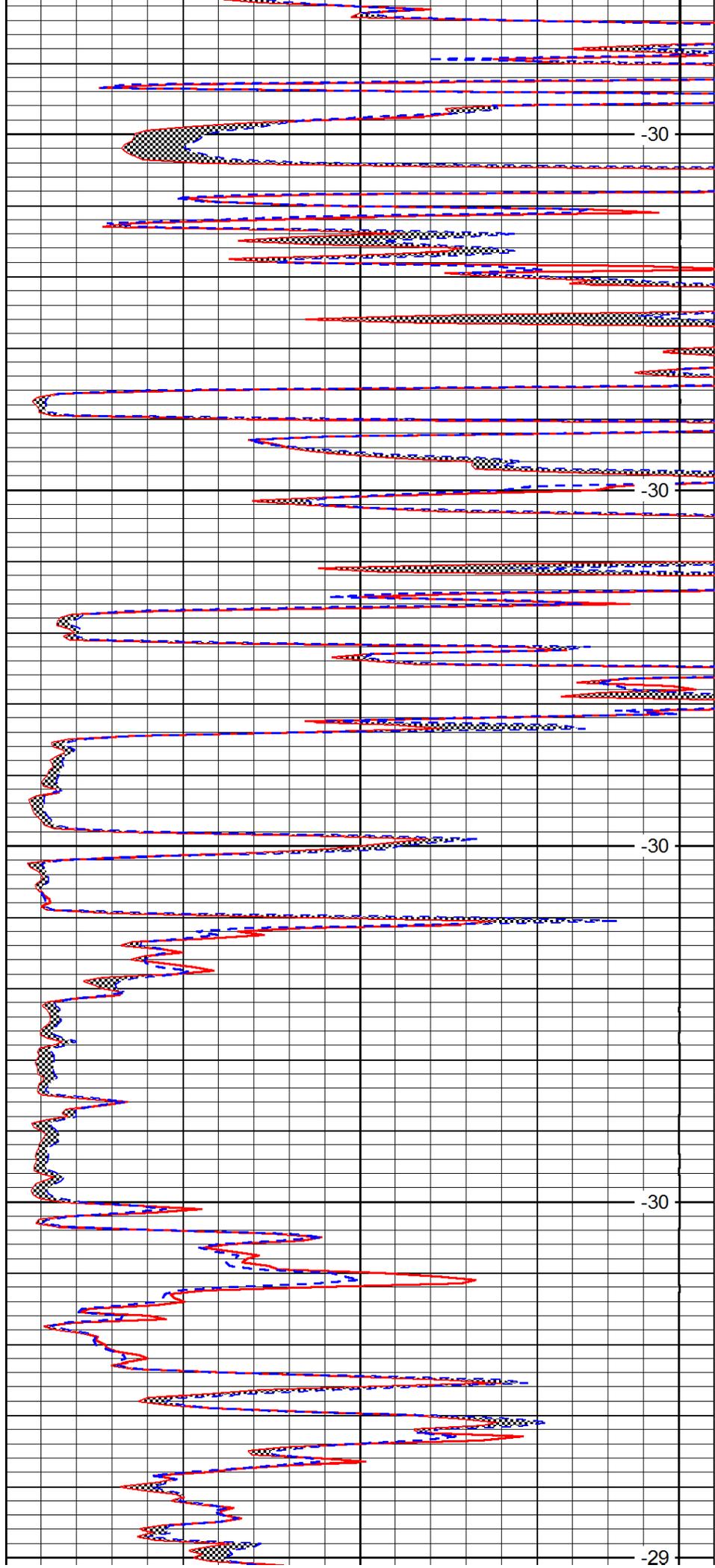
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3700

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3800

3850



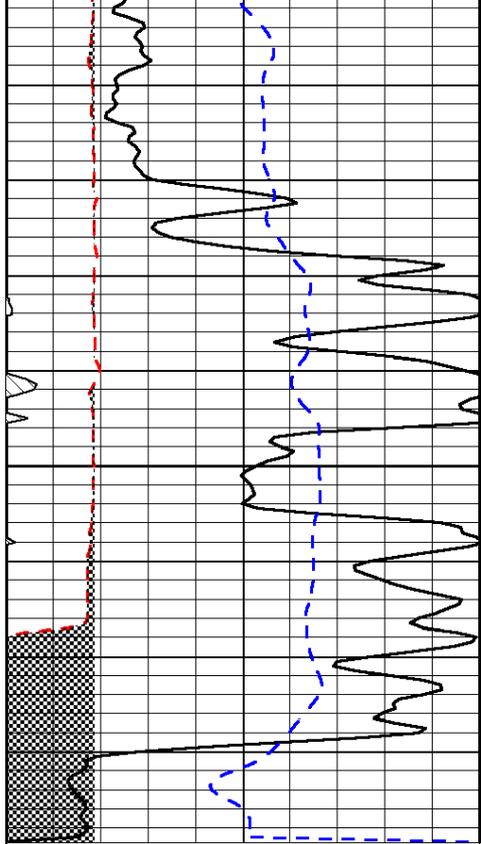
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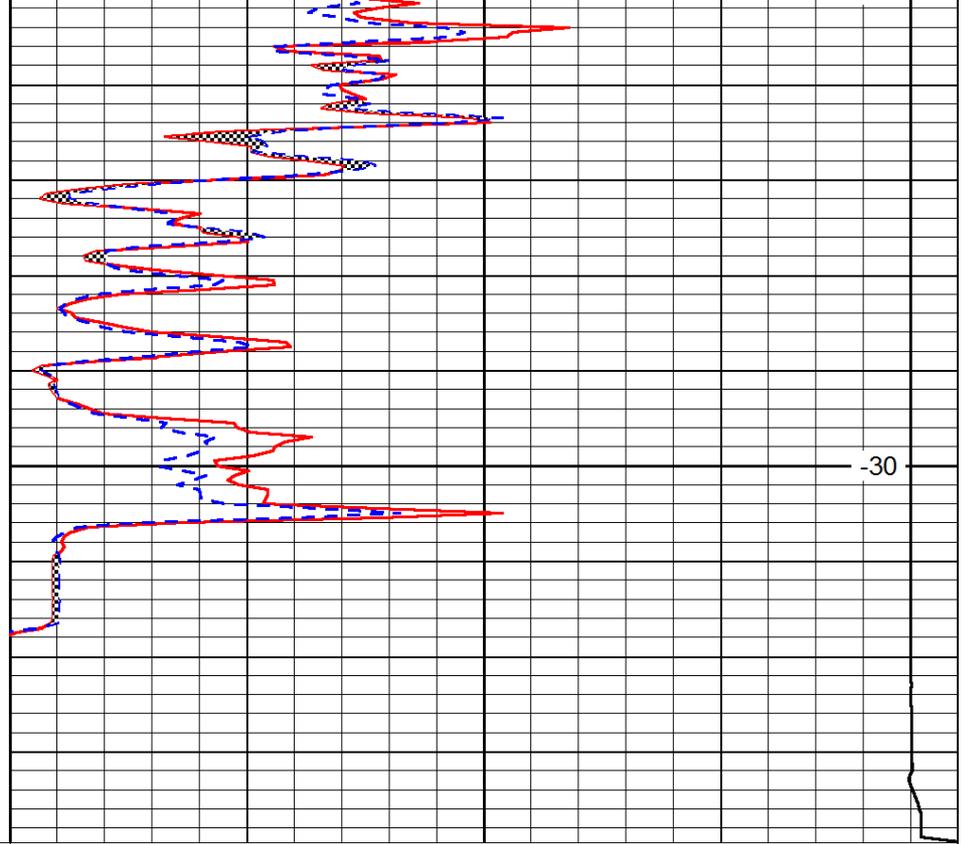
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-29



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