



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Barline Oil, LLC.				
	Well Brant #1-31				
	Field Wildcat				
	County Osborne	State Kansas			
15-141-20.452-00-00	Location 1650' FSL & 2025' FEL	Other Services CNL/CDL DIL			Elevation K.B. 1753 D.F. 1745 G.L. 1745
	Sec: 31	Twp: 8 S	Rge: 12 W		
Permanent Datum	Ground Level	Elevation 1745			
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum			
Drilling Measured From	Kelly Bushing				
Date	7/14/2012				
Run Number	Two				
Depth Driller	4010				
Depth Logger	4007				
Bottom Logged Interval	4006				
Top Log Interval	2450				
Casing Driller	8.625 @ 221				
Casing Logger	220				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	3,000				
Density / Viscosity	9.4 50				
pH / Fluid Loss	9.6				
Source of Sample	Flowline				
Rm @ Meas. Temp	.72 @ 80				
Rmf @ Meas. Temp	.54 @ 80				
Rmc @ Meas. Temp	.92 @ 80				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.49 @ 118				
Operating Rig Time	4 Hours				
Max Rec. Temp. F	118				
Equipment Number	91				
Location	Hays				
Recorded By	K. Bange				
Witnessed By	Bill Ree				

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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.
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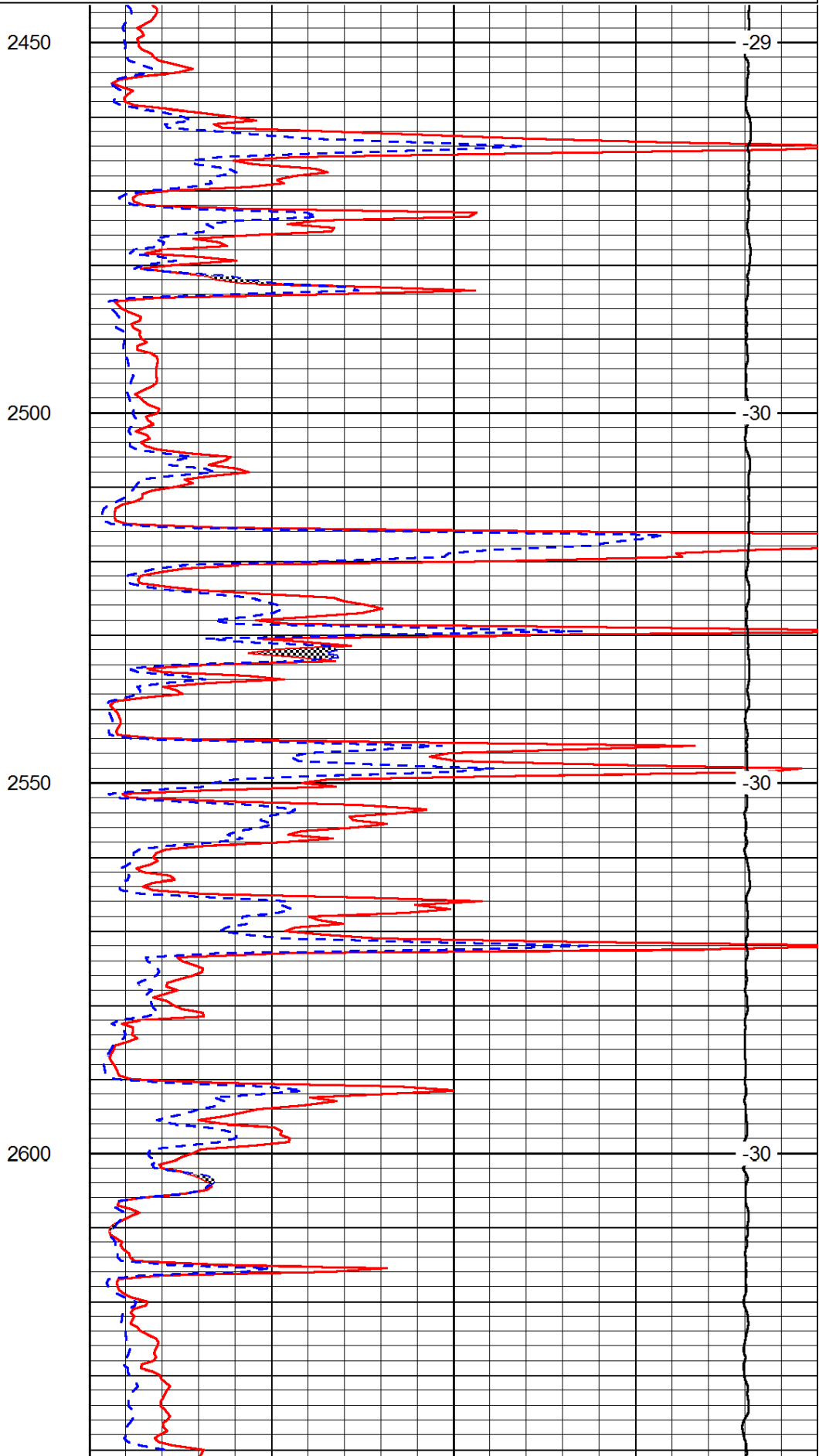
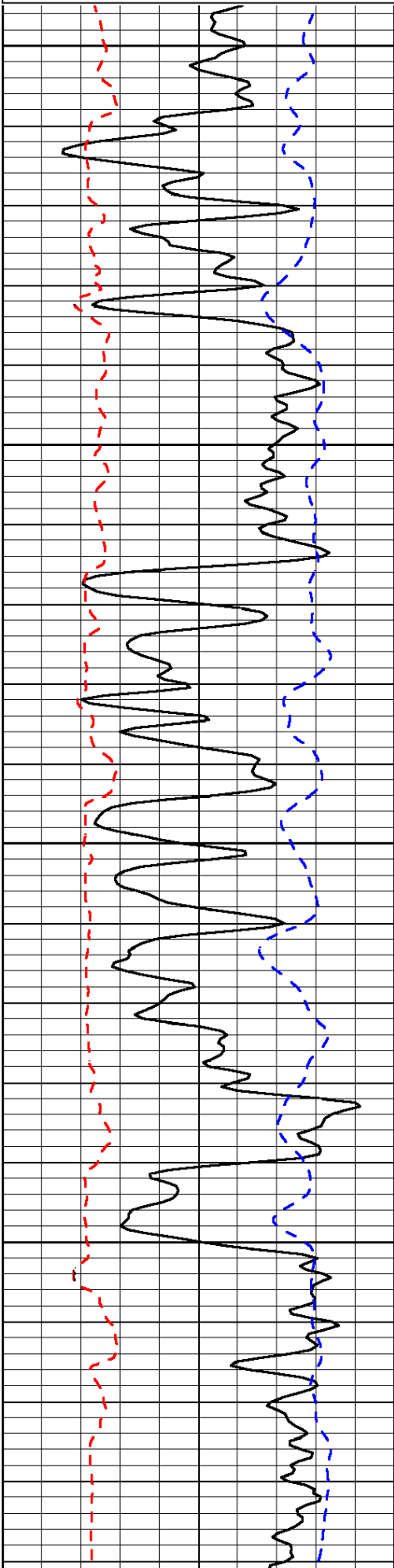
Luray, 13 1/2 N,
1/2 W into (thru pasture gate)

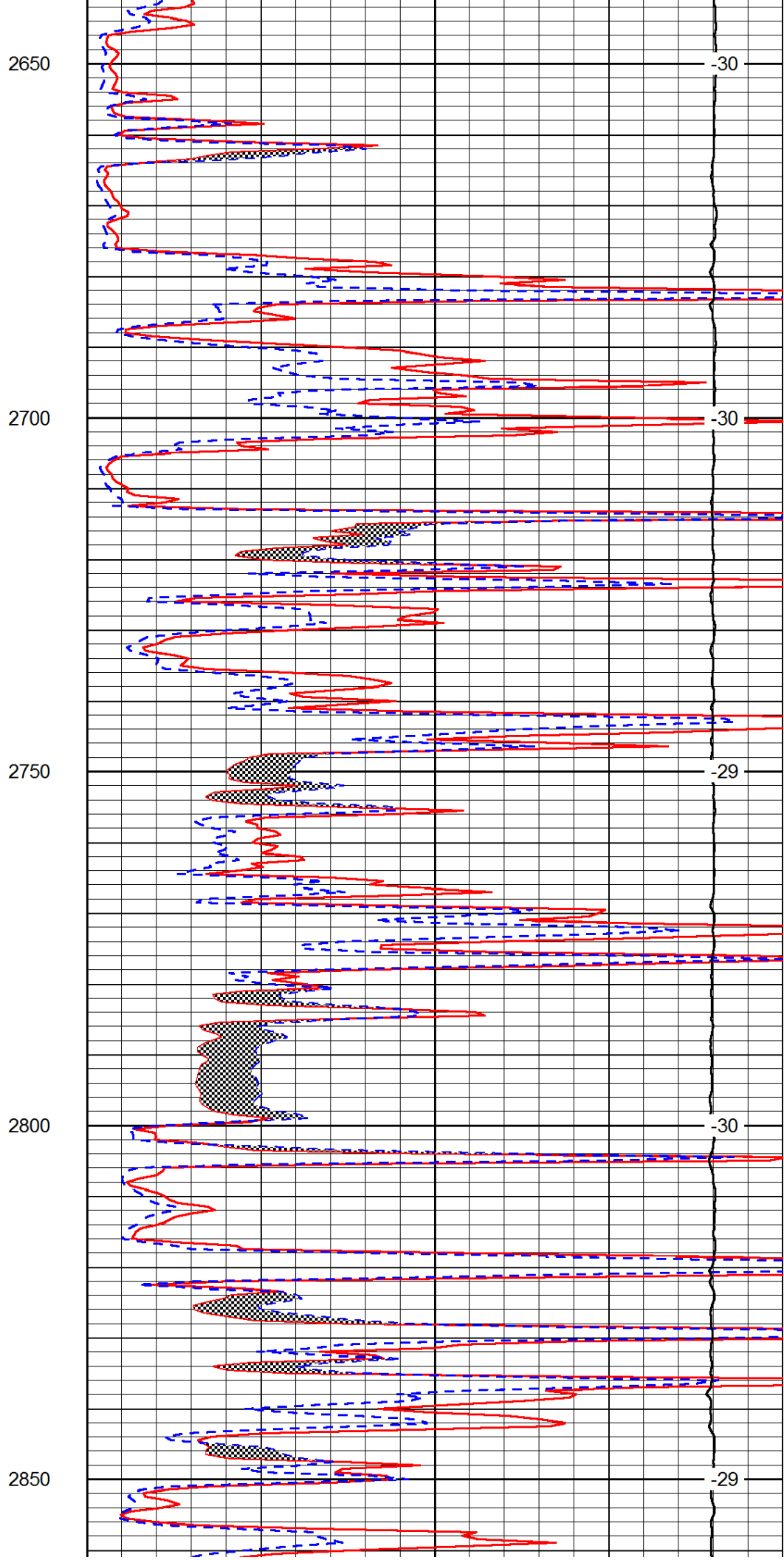
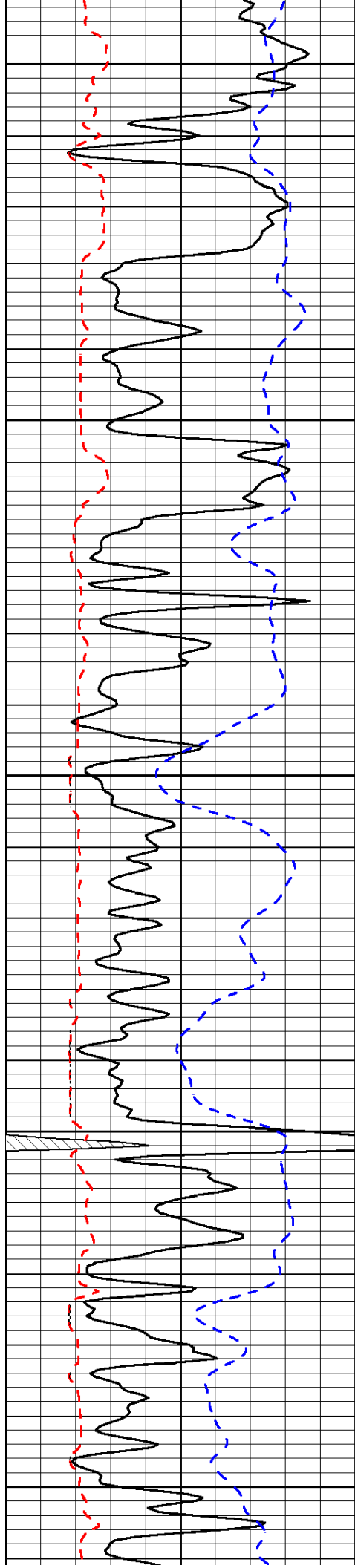
Database File: c:\warrior\data\barline_brant #1-31\barline071412hd.db
Dataset Pathname: dil\barstack
Presentation Format: micro
Dataset Creation: Sat Jul 14 13:58:10 2012
Charted by: Depth in Feet scaled 1:240

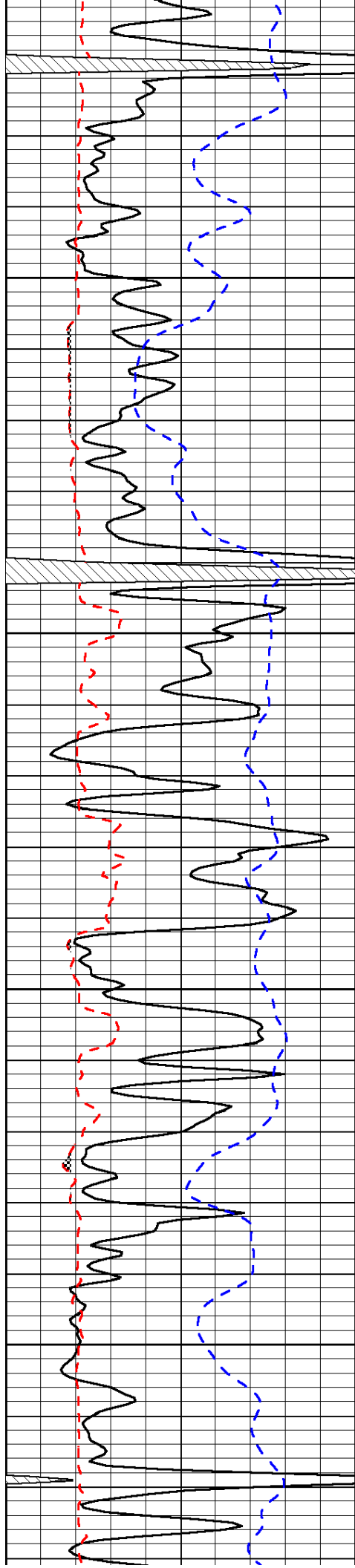
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

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

LSPD





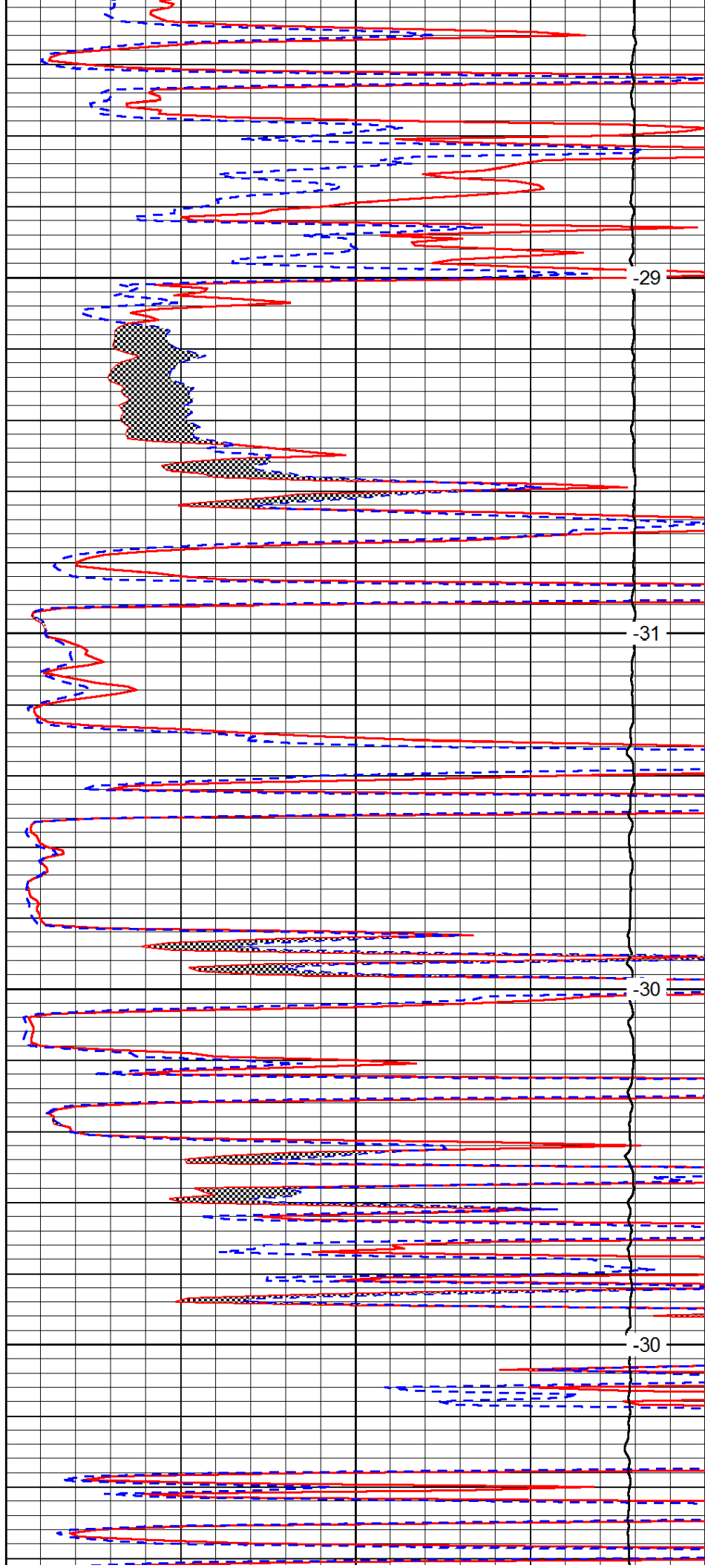


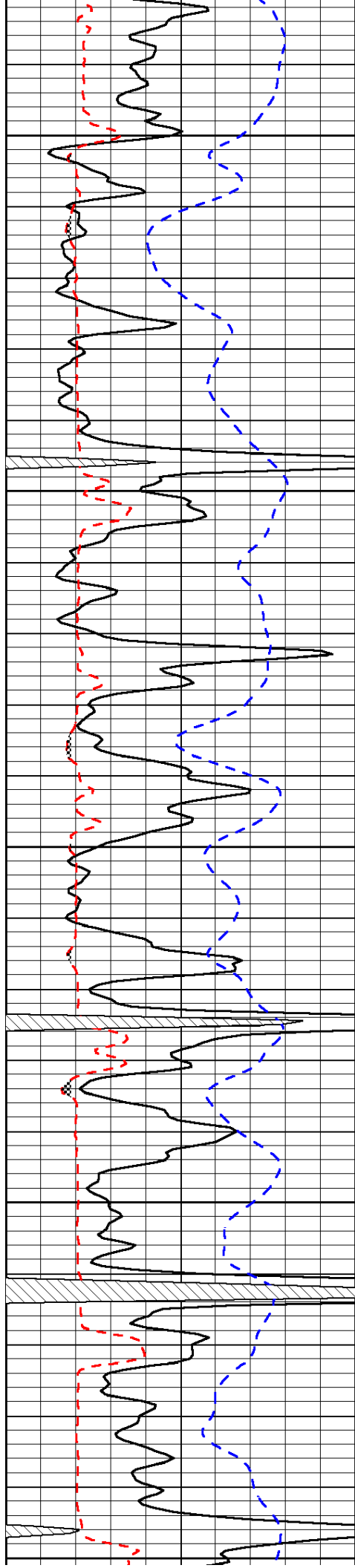
2900

2950

3000

3050





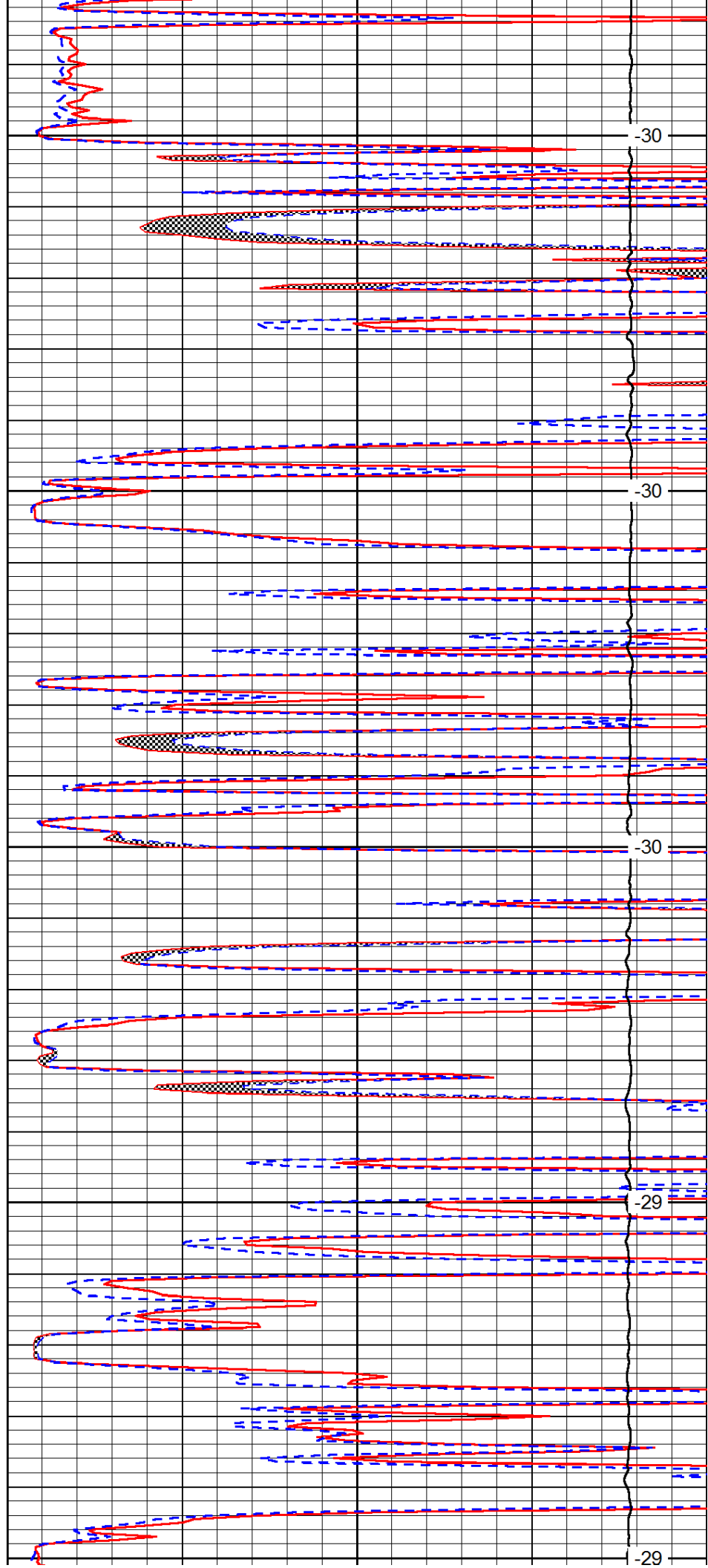
3100

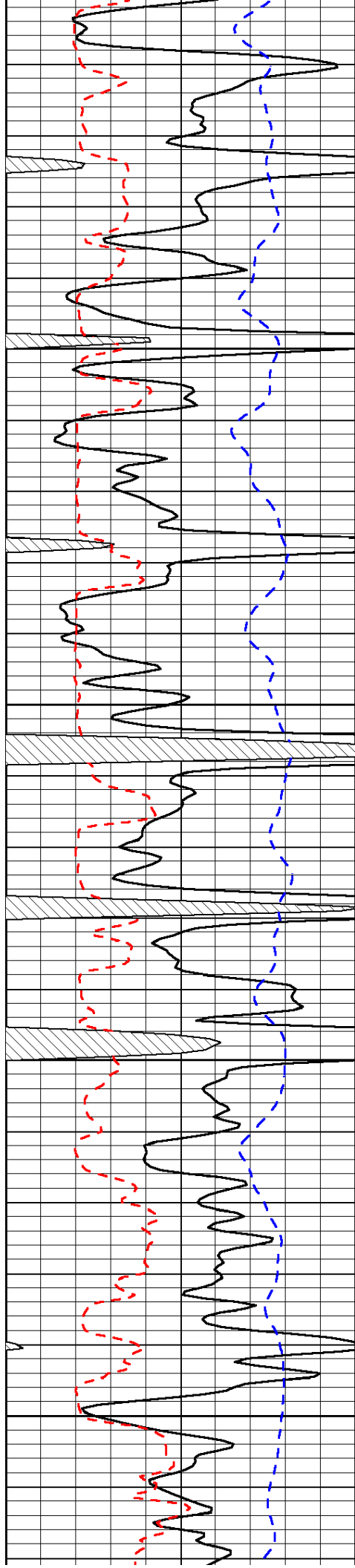
3150

3200

3250

3300



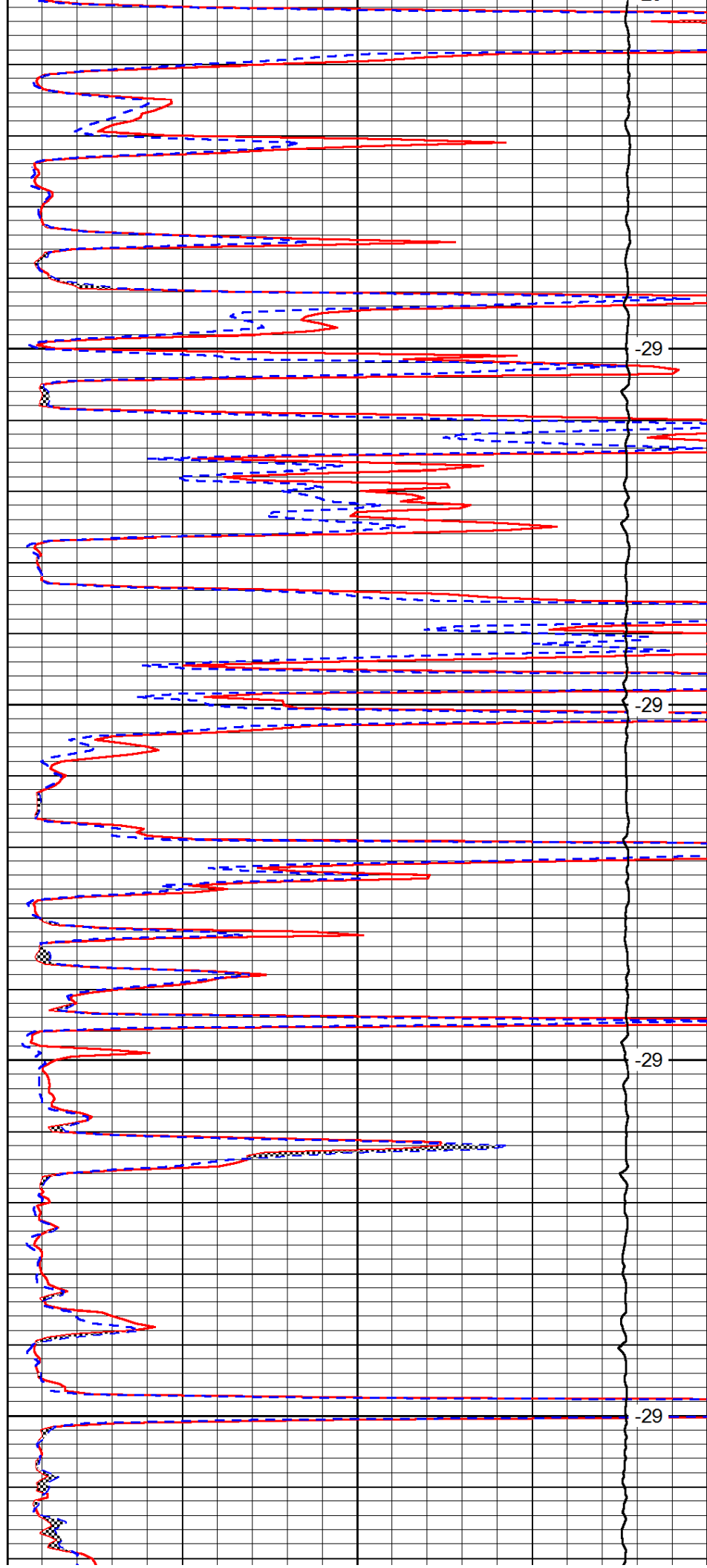


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3400

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3500

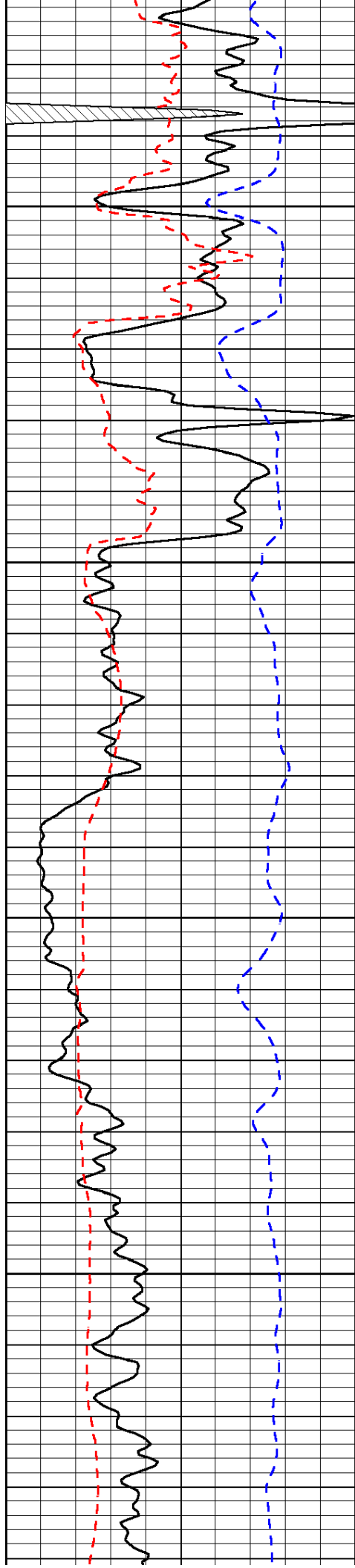


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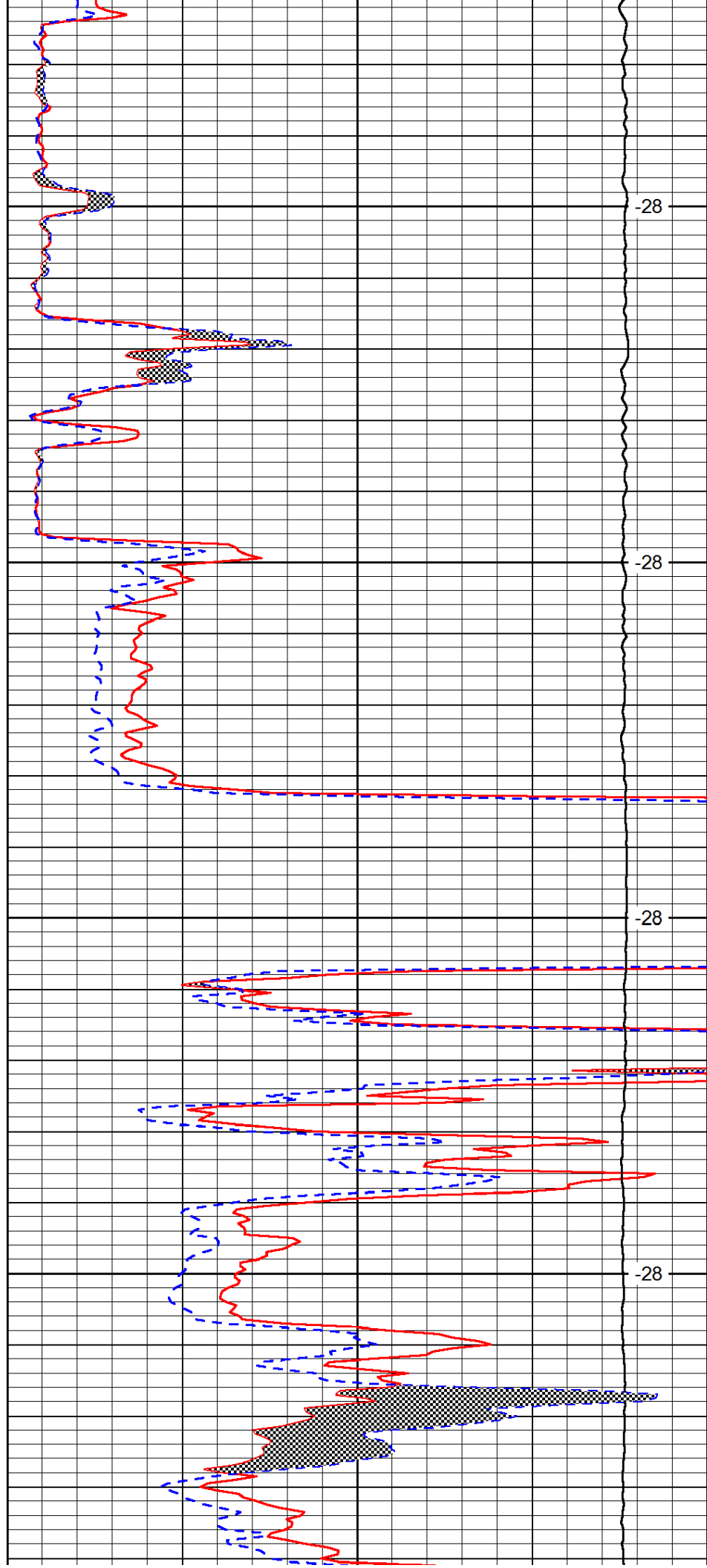


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3700

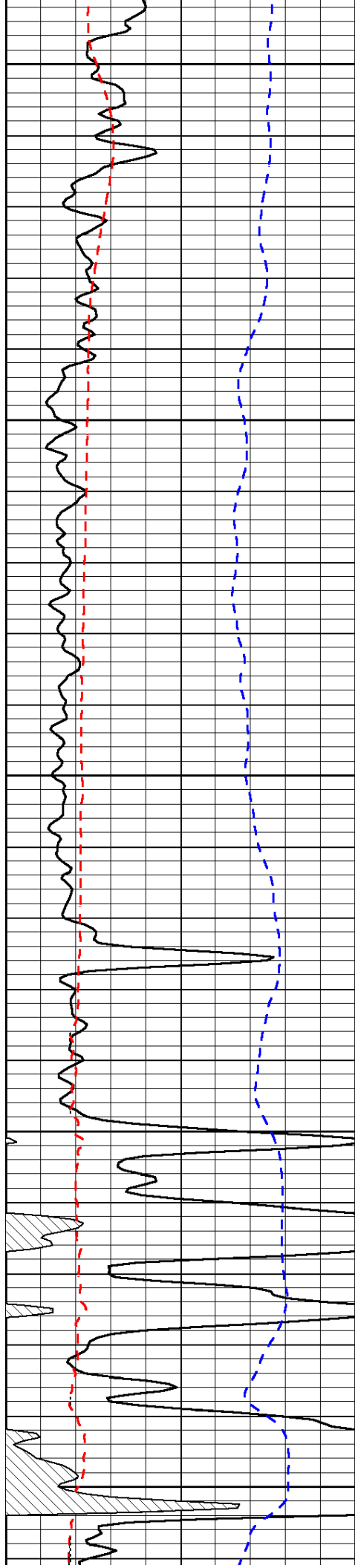


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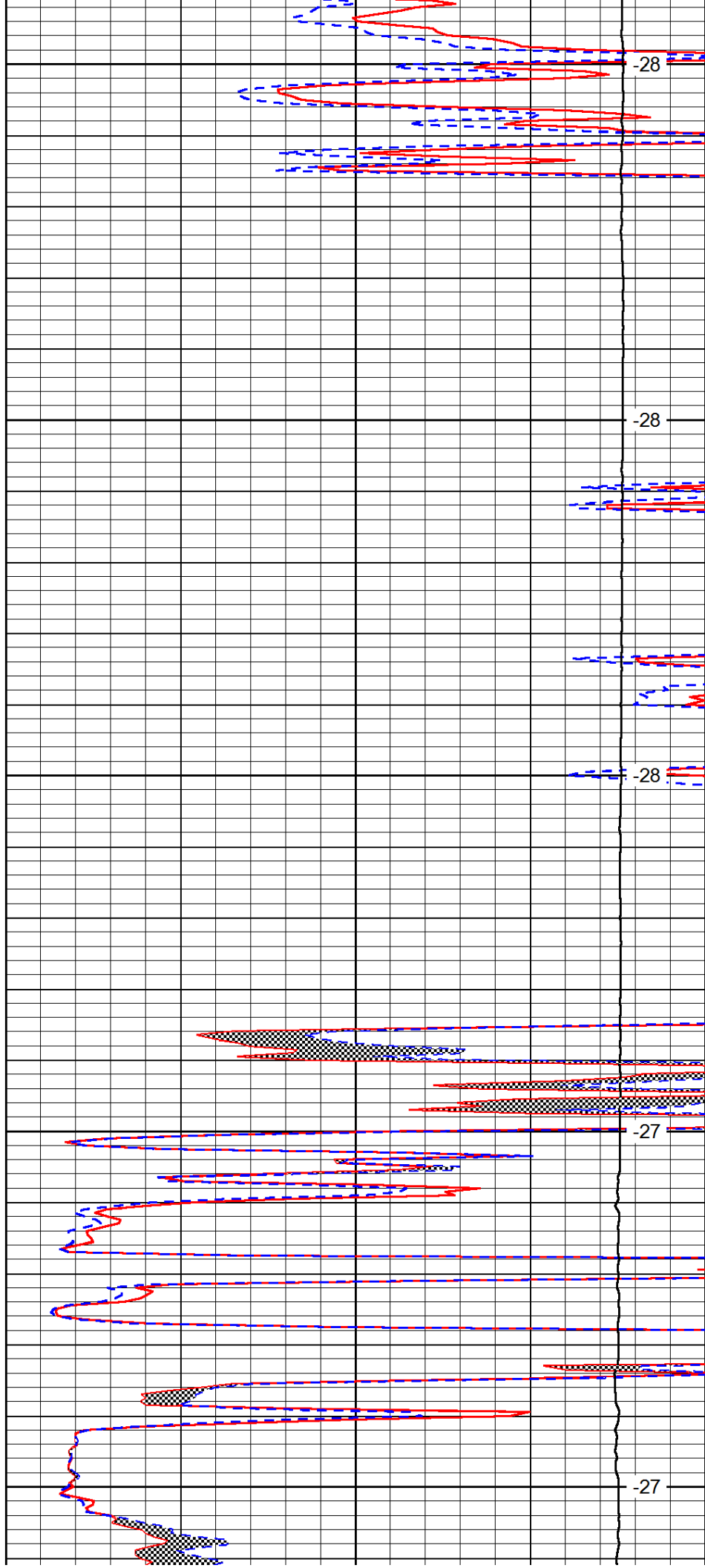
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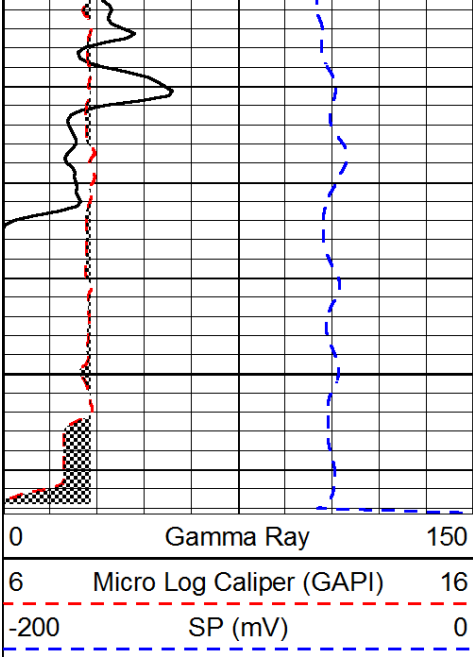
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4000

