



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-145-21,643-00-00		Company Downing-Nelson Oil Company, Inc.	
Well Keller Trust No. 1-20		Field Steffen	
County Pawnee		State Kansas	
Location SW SW NE SW 1,635' FSL & 1,455' FWL		Other Services CNL/CDL DIL	
Sec: 20 Twp: 20S Rge: 20W		Elevation K.B. 2203 D.F. 2195 G.L. 2195	
Permanent Datum Ground Level		Elevation 2195	
Log Measured From Kelly Bushing		8 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing			
Date	6/30/2011		
Run Number	Two		
Depth Driller	4360		
Depth Logger	4358		
Bottom Logged Interval	4357		
Top Log Interval	2200		
Casing Driller	8,625 @ 1160		
Casing Logger	1157		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8000		
Density / Viscosity	9.0 51		
pH / Fluid Loss	8.0 11.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.34 @ 90		
Rmf @ Meas. Temp	.26 @ 90		
Rmc @ Meas. Temp	.46 @ 90		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.26 @ 120		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	120		
Equipment Number	10		
Location	Hays		
Recorded By	J. Long		
Witnessed By	Marc Downing		

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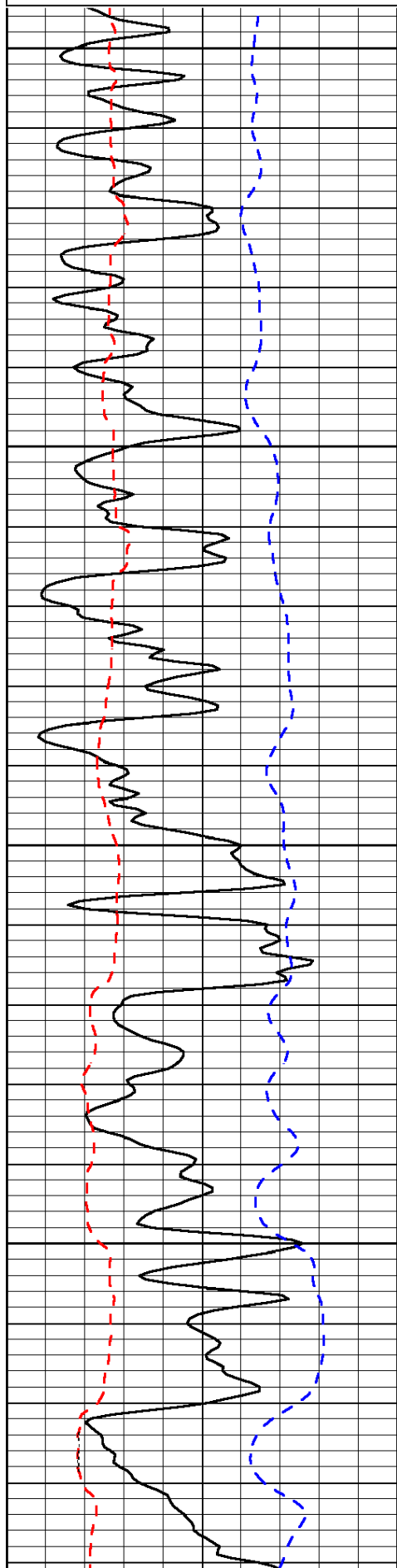
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.
(785) 625-3858

Alexander, 11 South to W Road, 1 West, 1/2 South, East Into

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

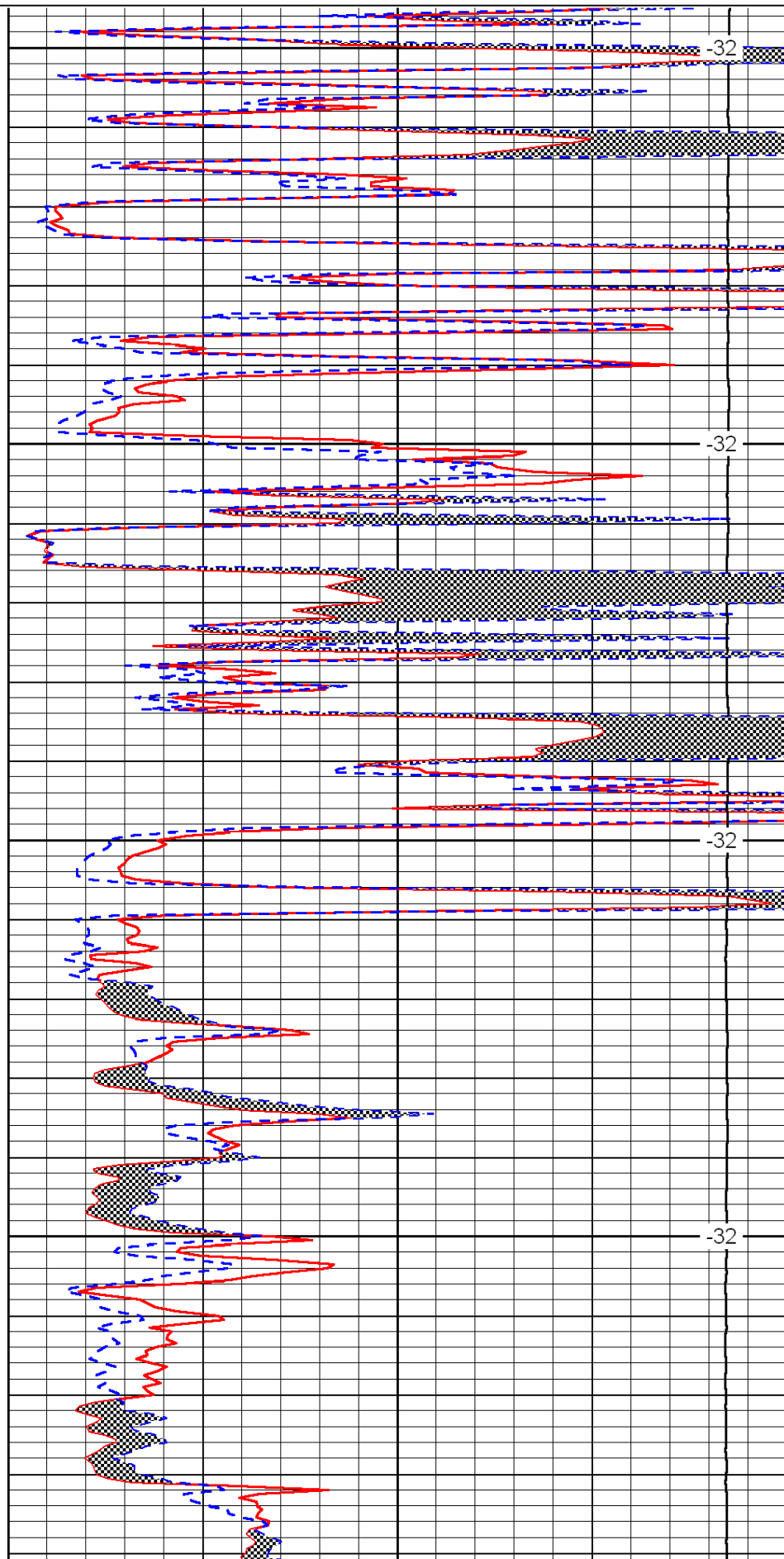


2200

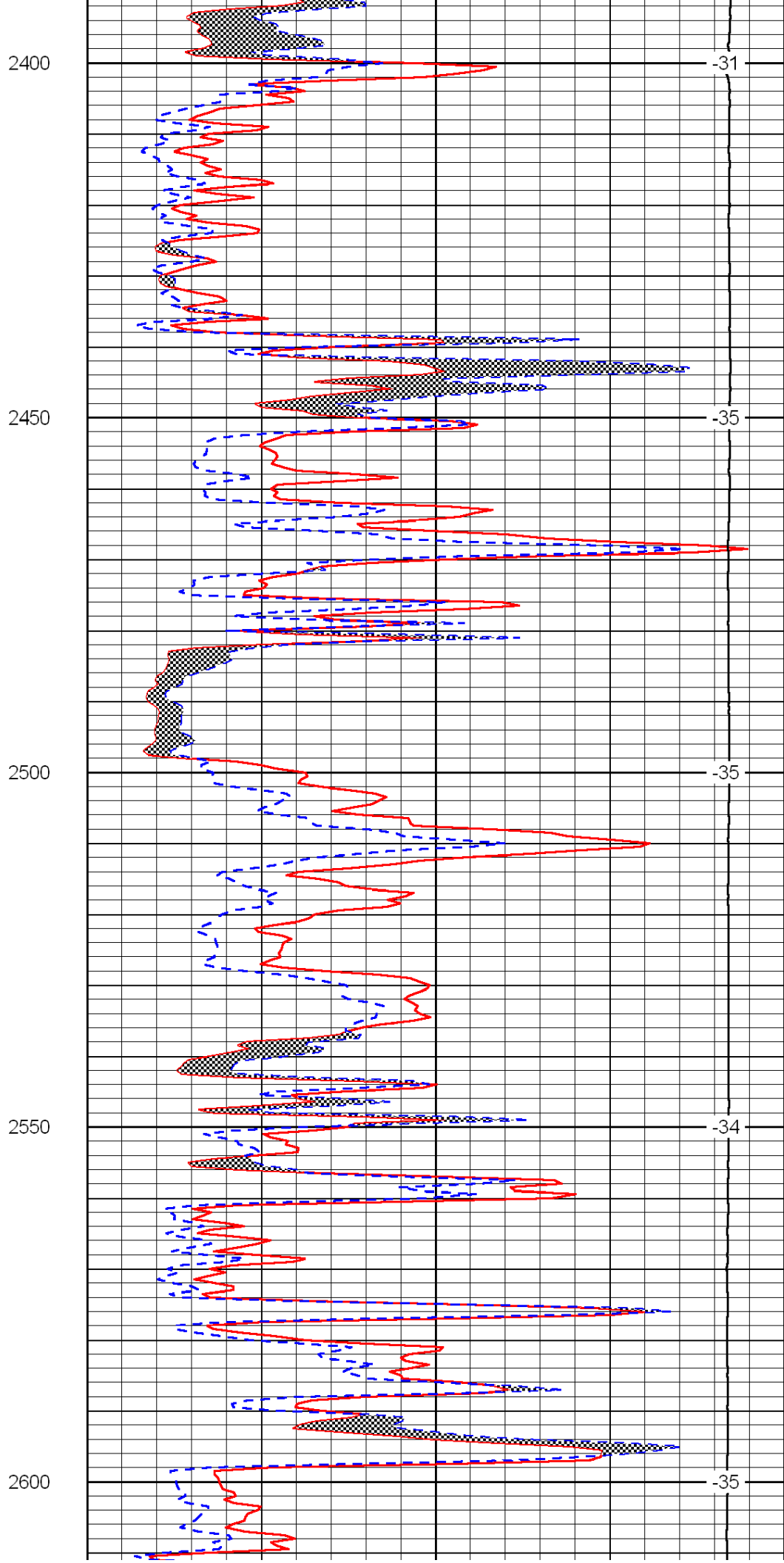
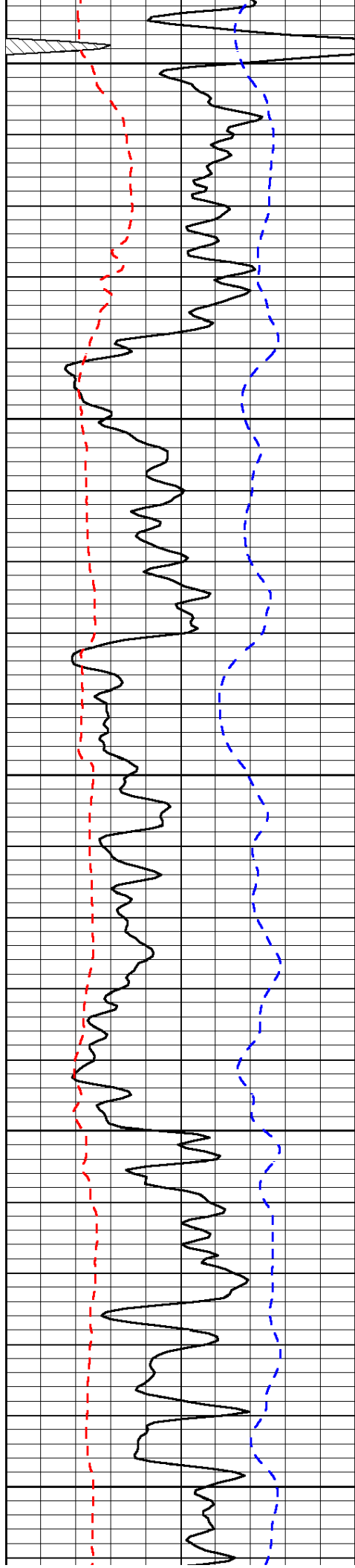
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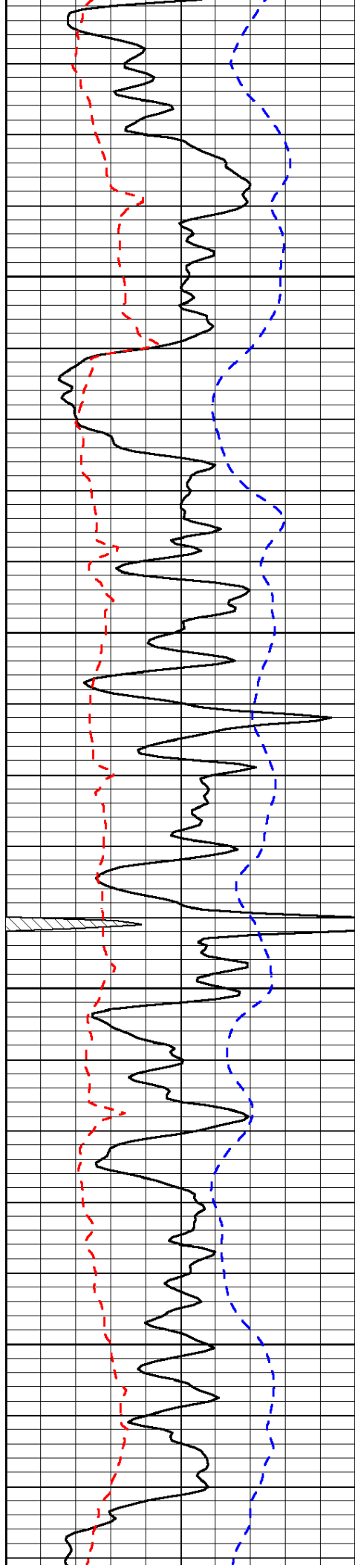
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2350



LSPD



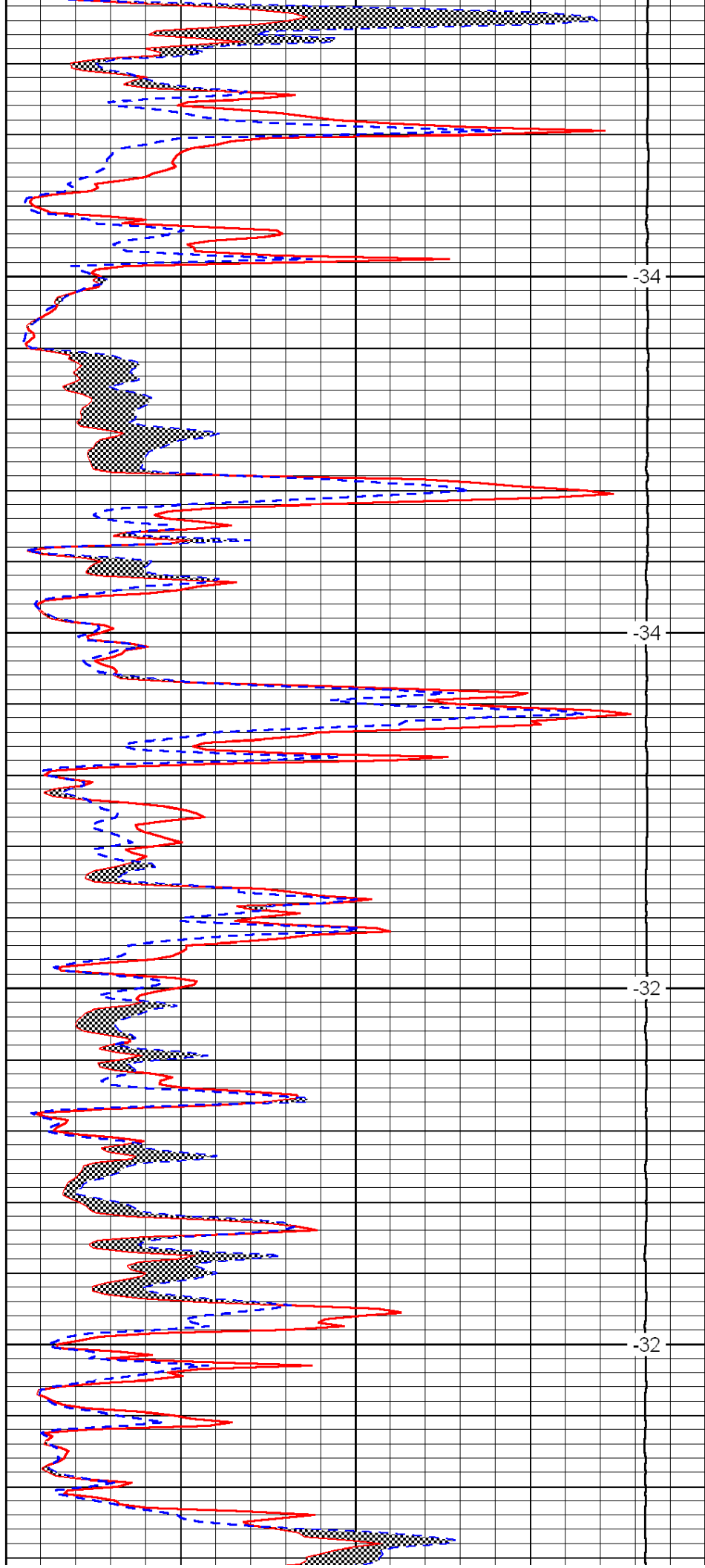


2650

2700

2750

2800

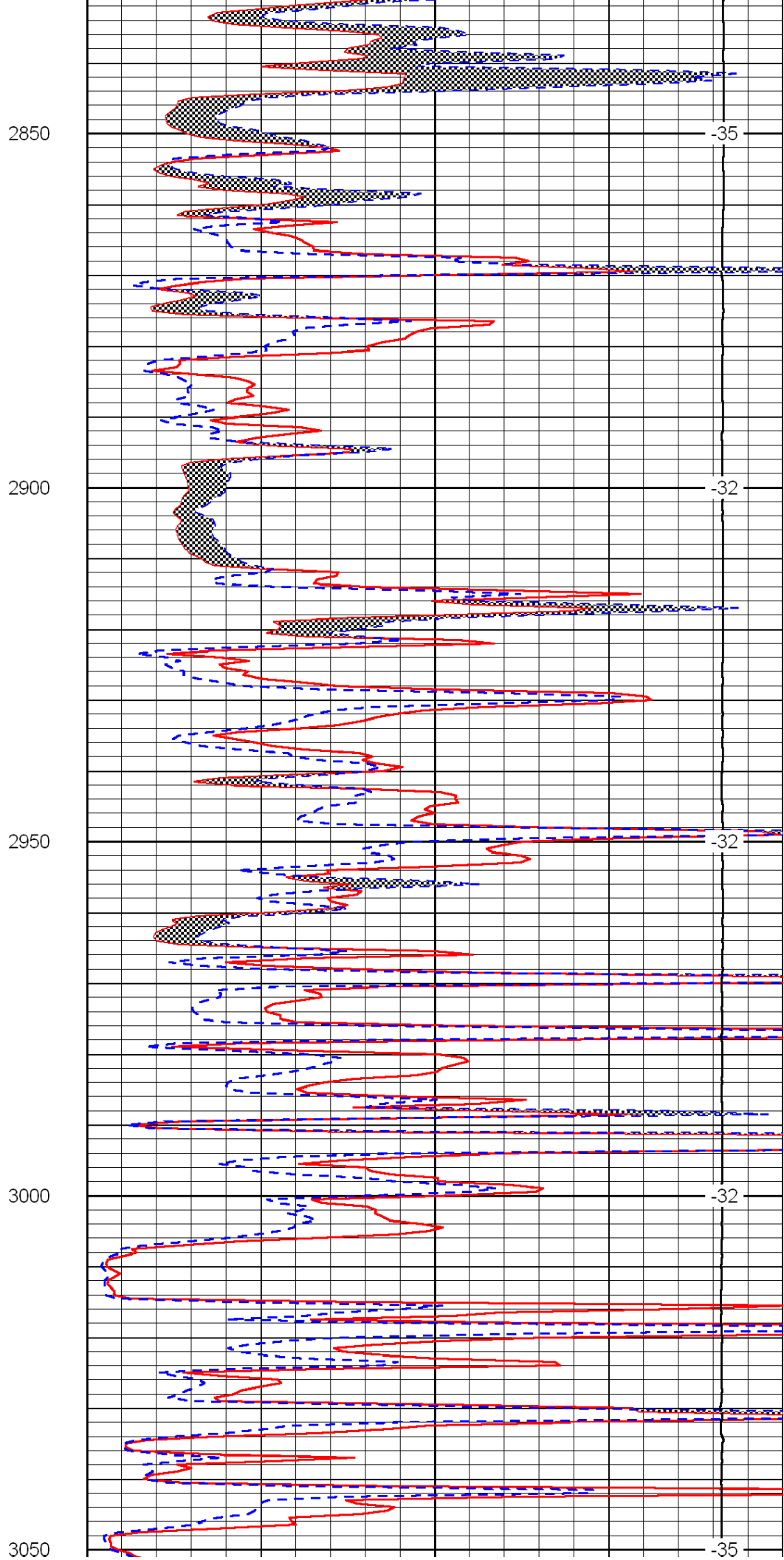
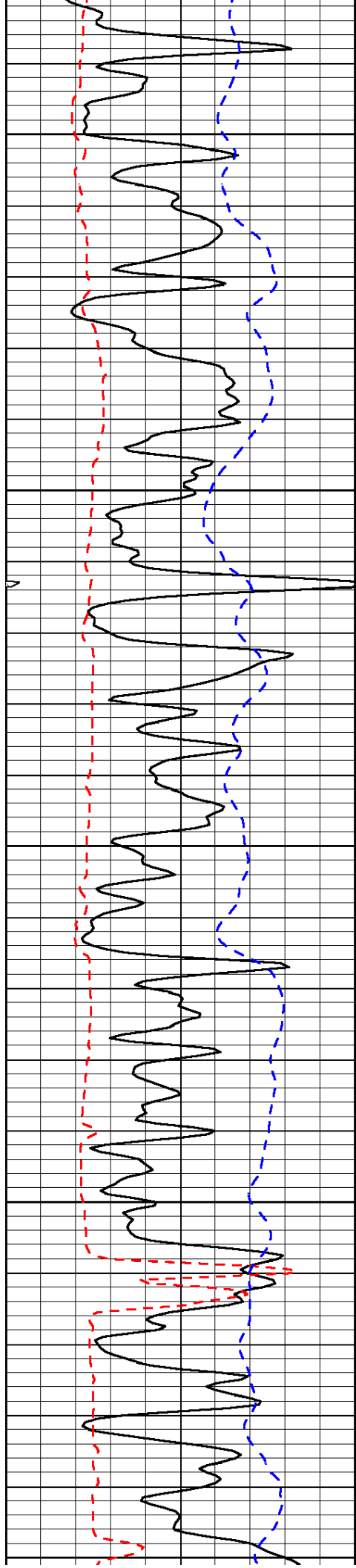


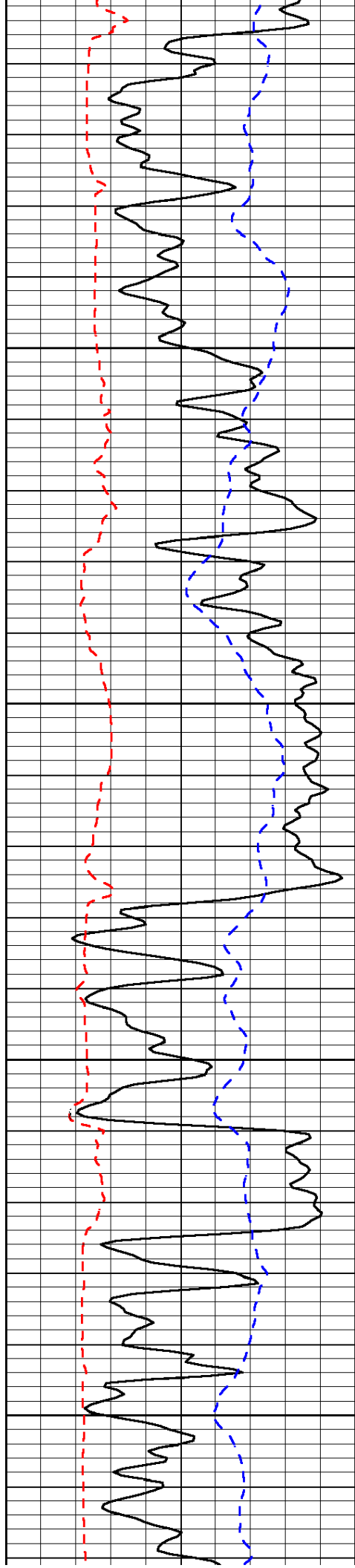
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-34

-32

-32



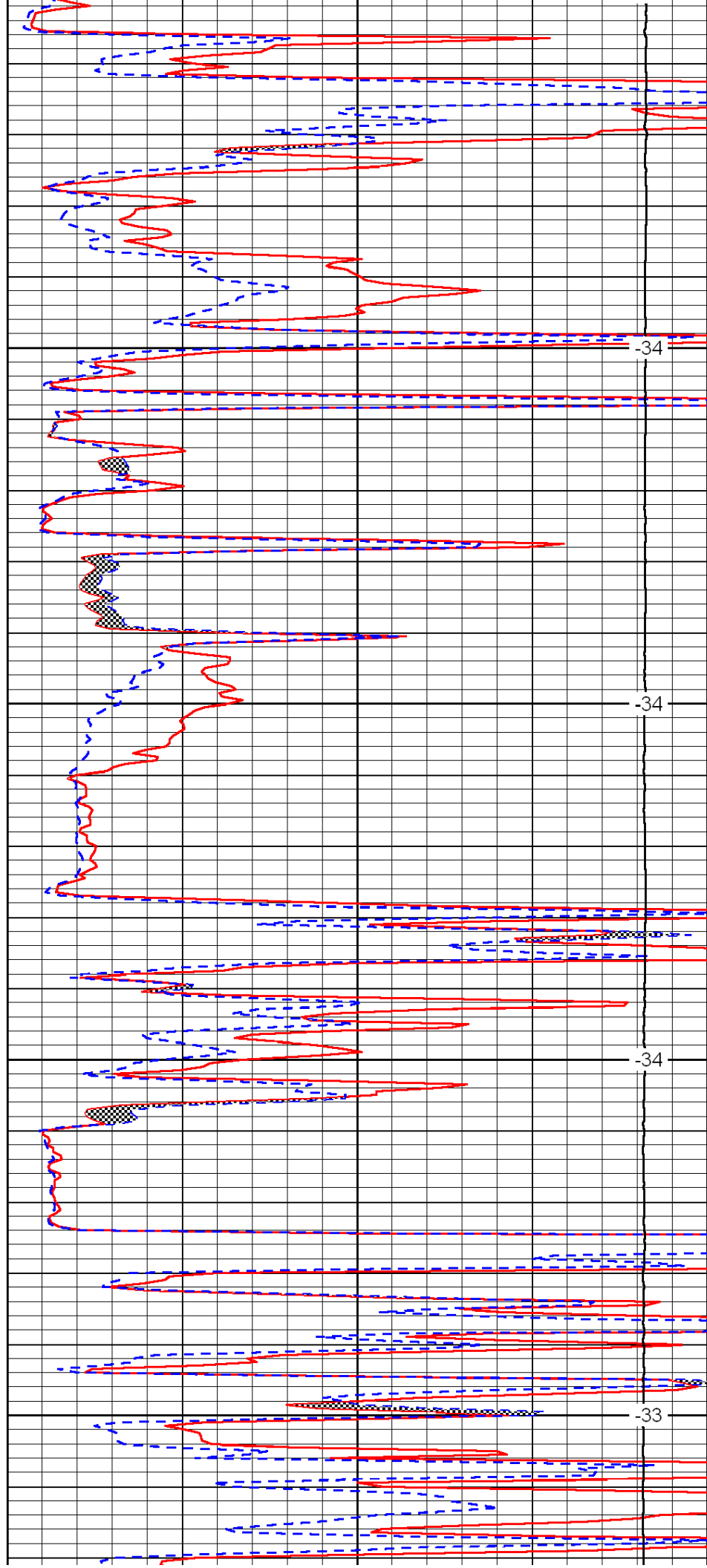


3100

3150

3200

3250

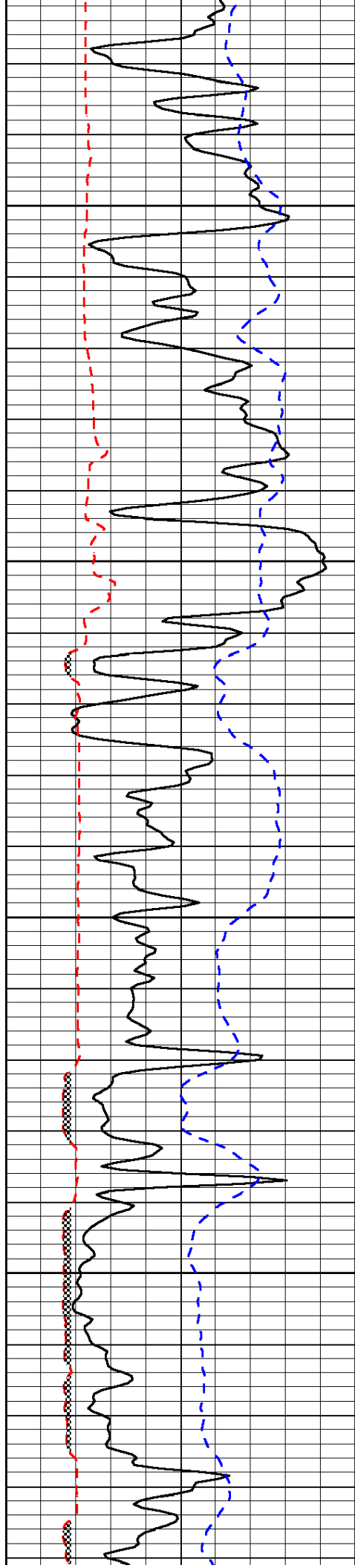


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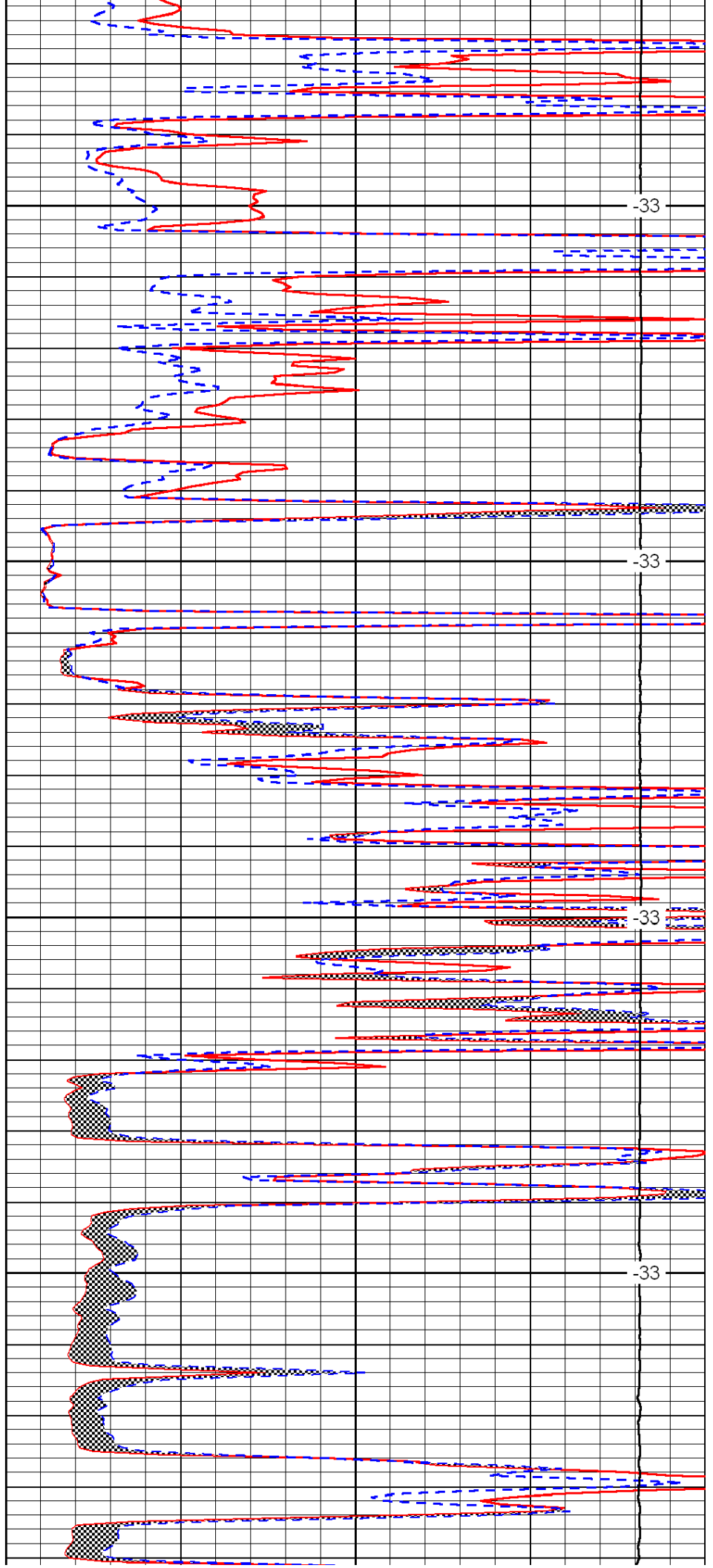


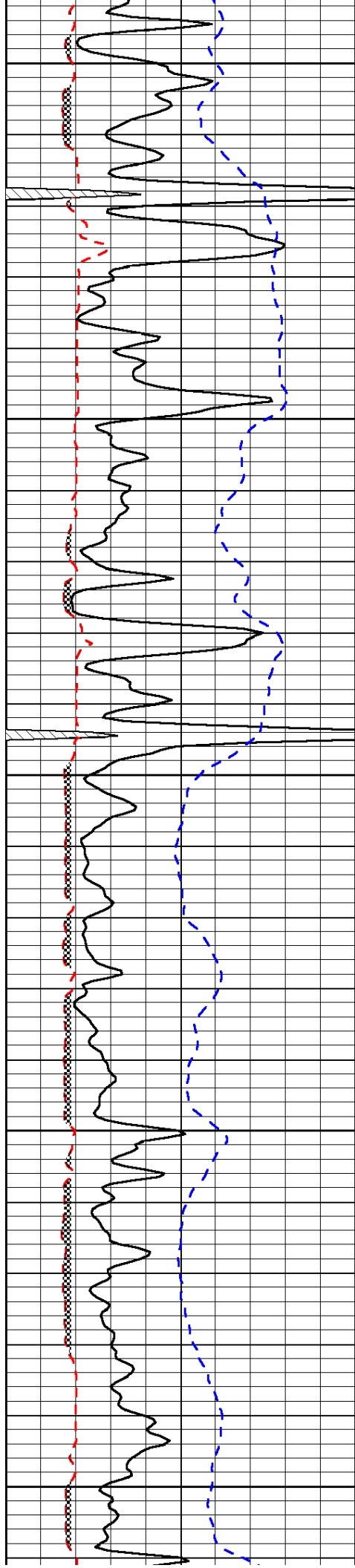
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3350

3400

3450





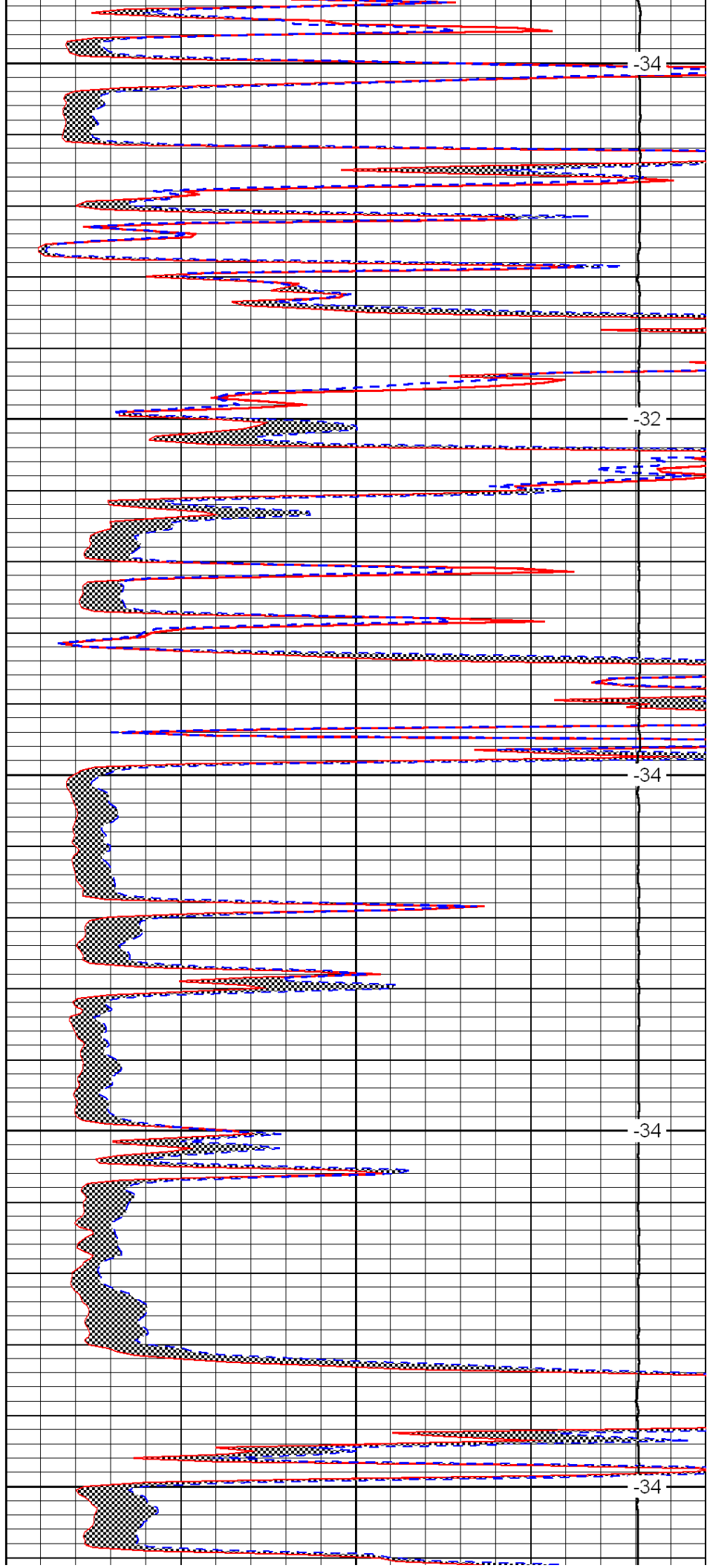
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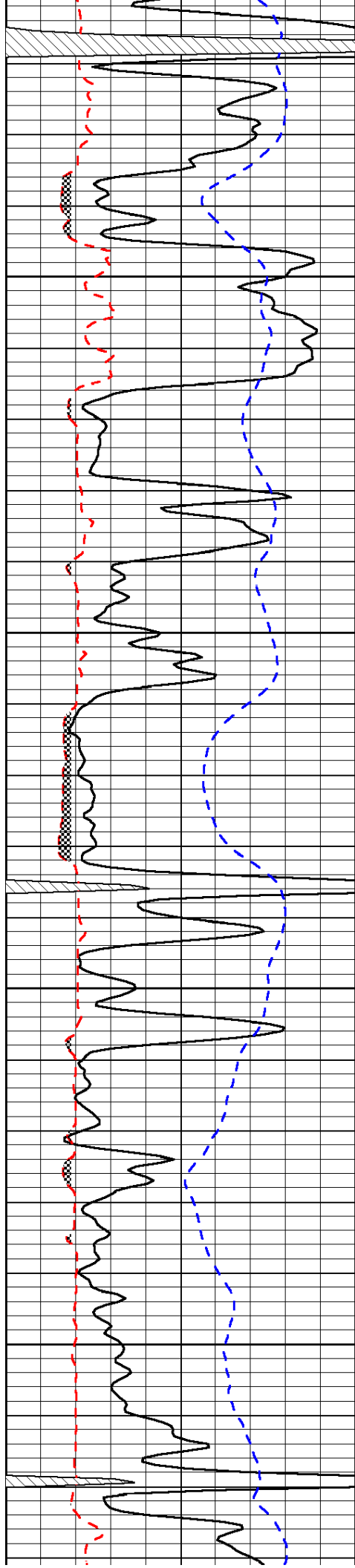
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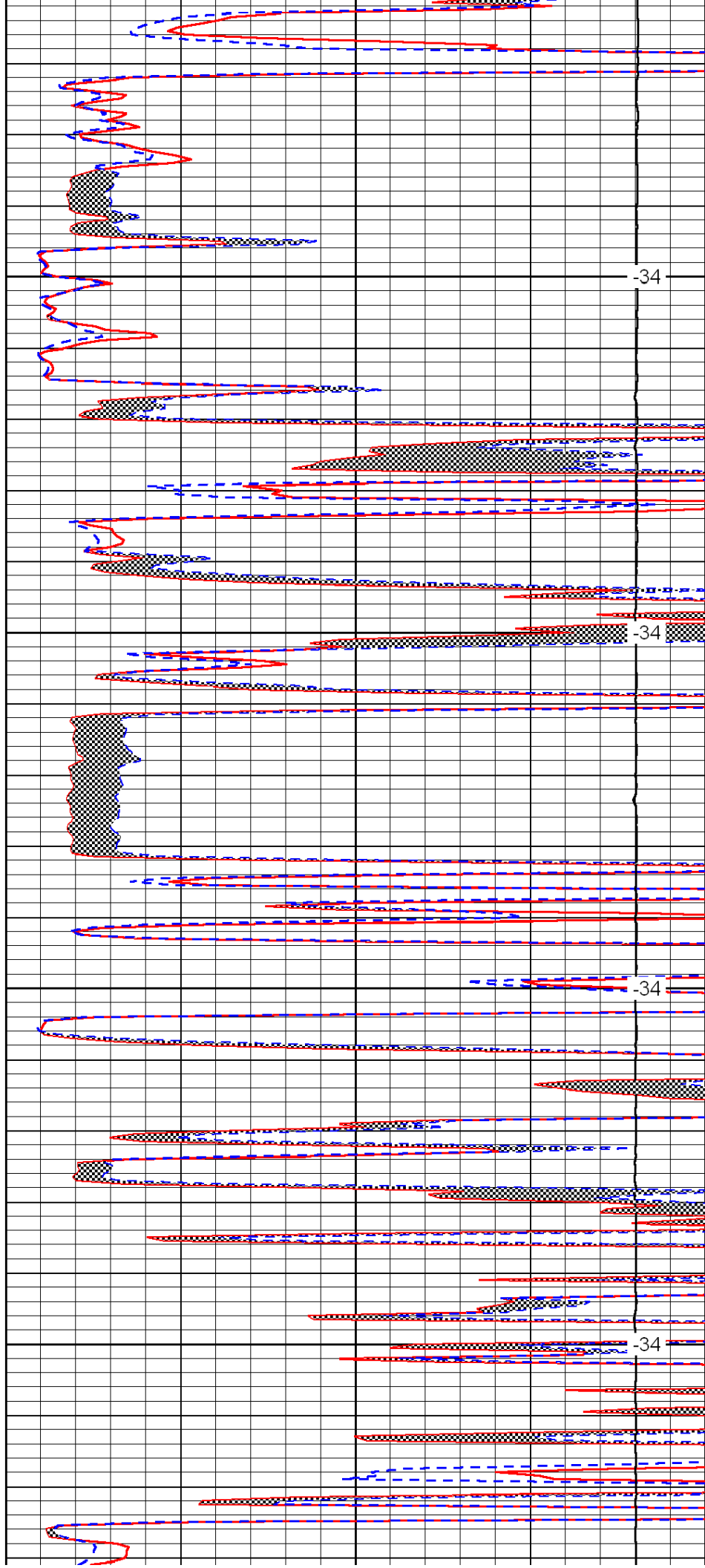


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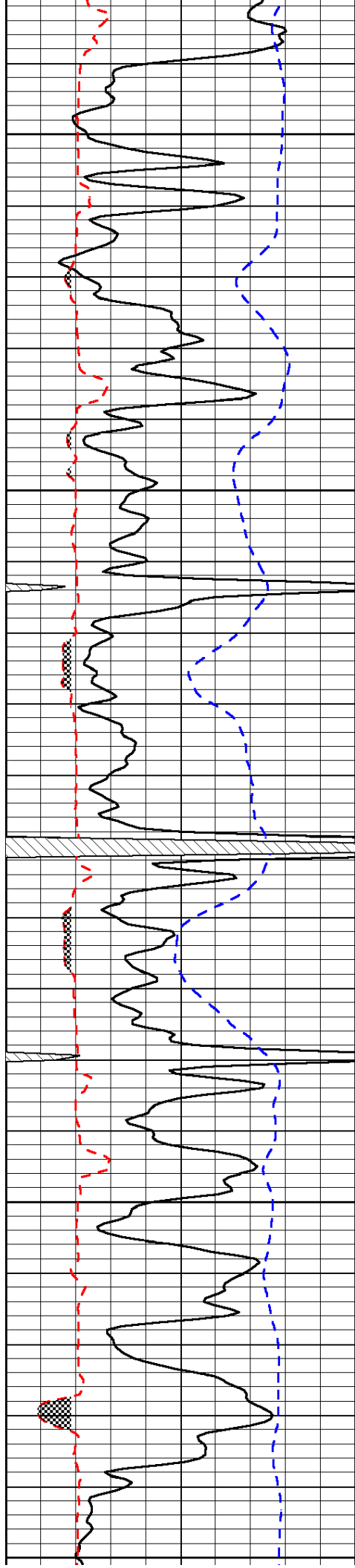


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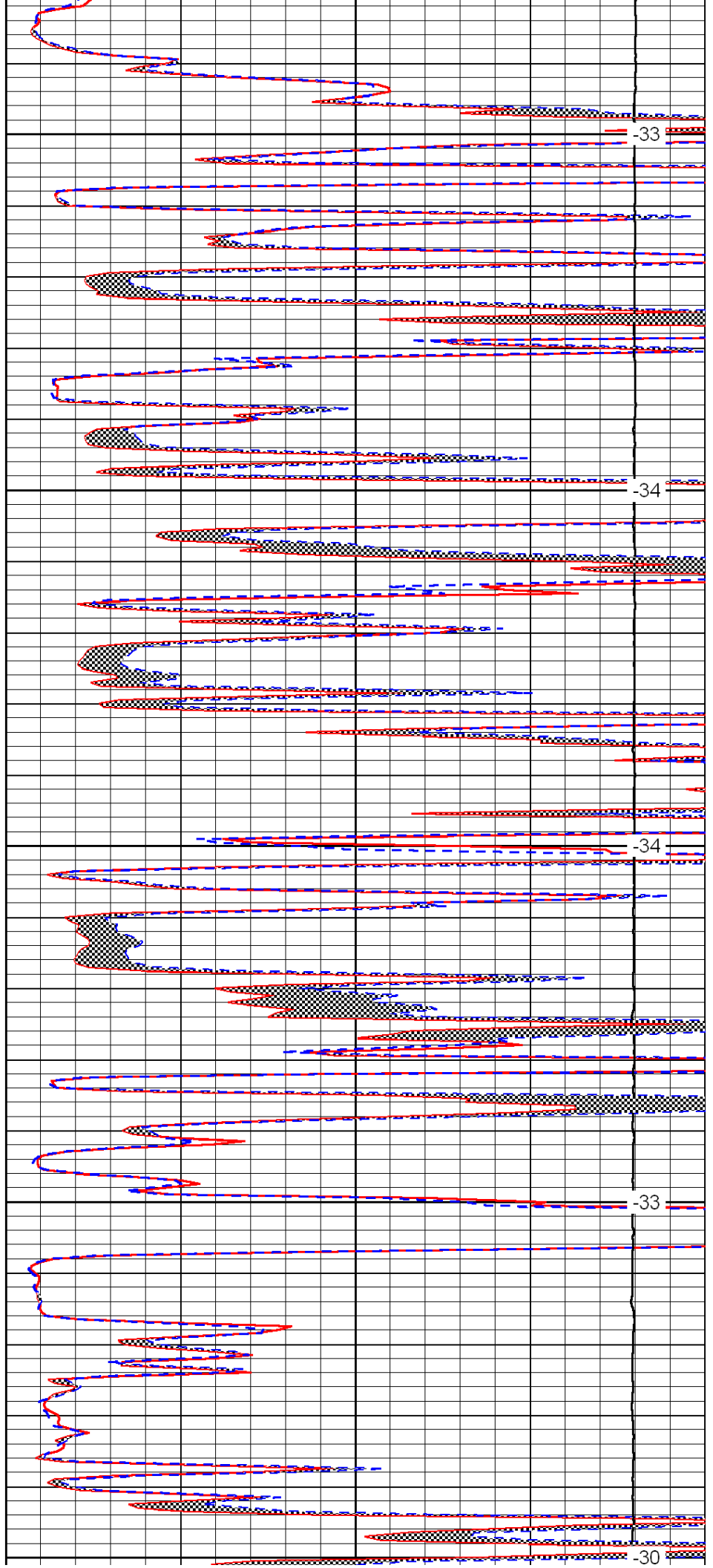
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4150



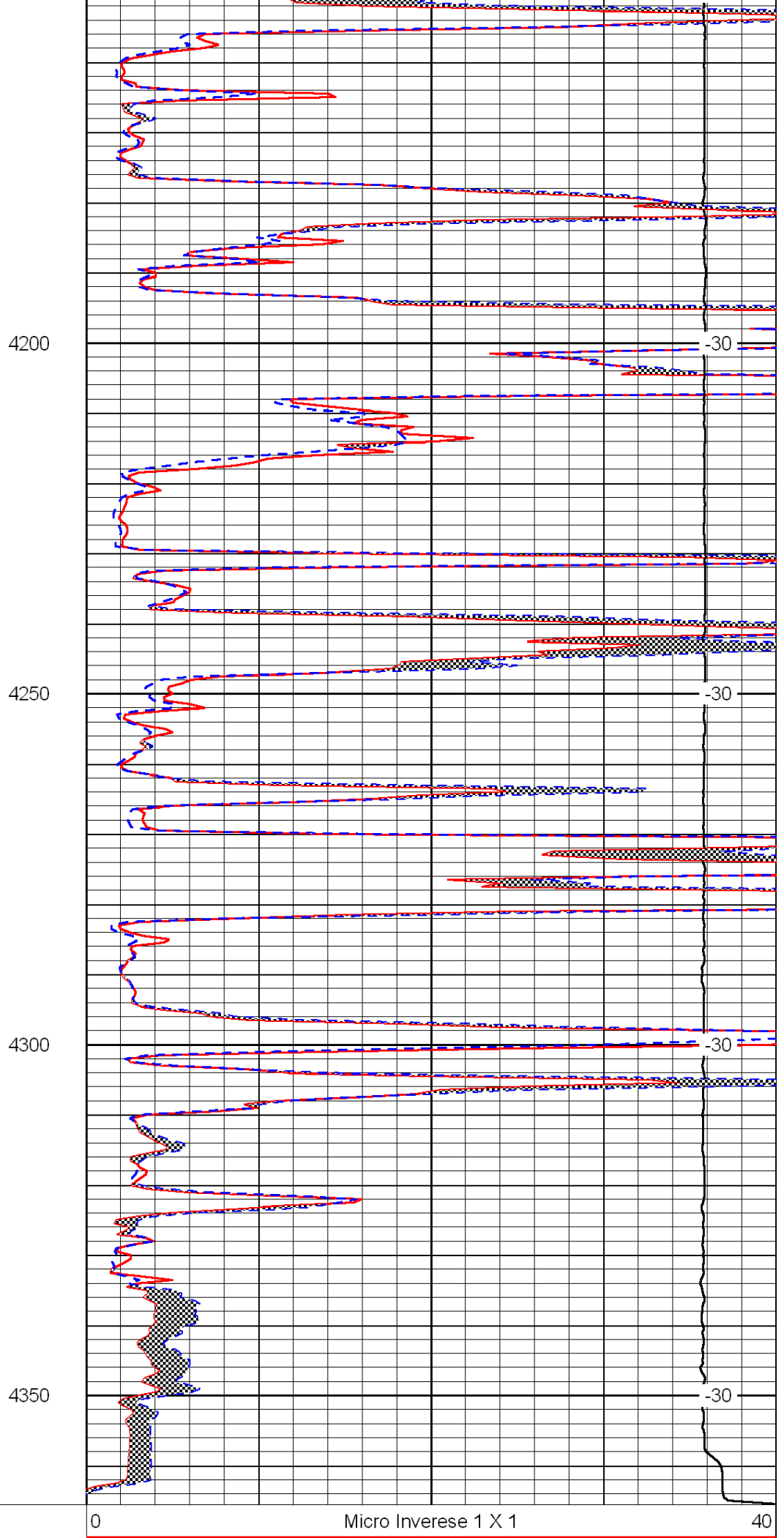
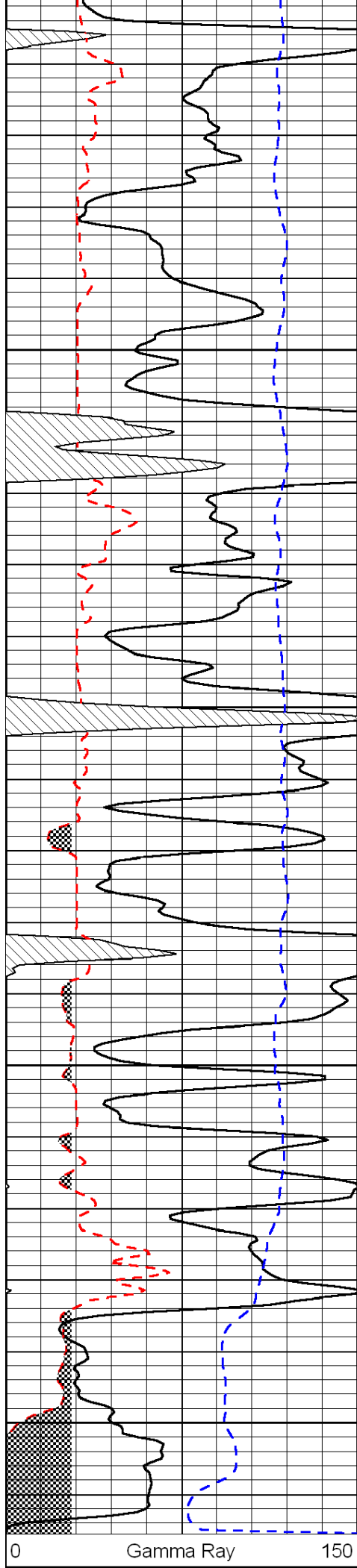
-33

-34

-34

-33

-30



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

0	Micro Normal 2"	40
15000	Line Weight	0
		LSPD