



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company American Warrior, Inc.		
15-119-21,278-00-00	Well Shinogle No. 2-20		
	Field Singley		
	County Meade	State	Kansas
	Location NW SE SW SW 335' FSL & 950' FWL	Other Services CNL/CDL MEL	
	Sec: 20	Twp: 33 S	Rge: 29 W
Permanent Datum	Ground Level	Elevation 2628	
Log Measured From	Kelly Bushing	12 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 2640 D.F. 2628 G.L. 2628	
Date	12/20/2010		
Run Number	One		
Depth Driller	6200		
Depth Logger	6206		
Bottom Logged Interval	6205		
Top Log Interval	1550		
Casing Driller	8.625 @ 1565		
Casing Logger	1563		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4.000		
Density / Viscosity	9.3 48		
pH / Fluid Loss	9.0 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	.85 @ 60		
Rmf @ Meas. Temp	.64 @ 60		
Rmc @ Meas. Temp	1.15 @ 60		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.36 @ 140		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	140		
Equipment Number	4		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Roger Fisher		

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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.

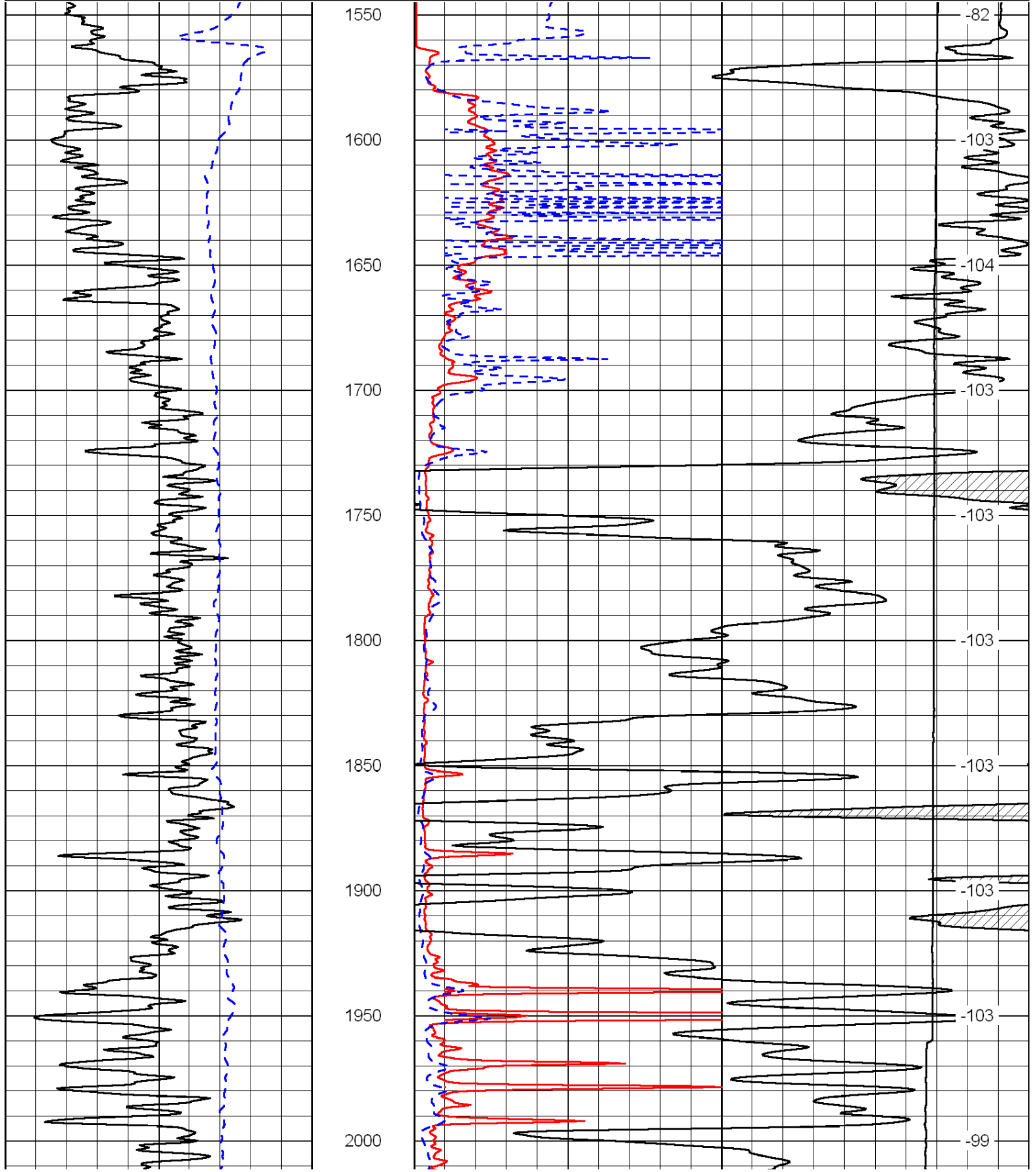
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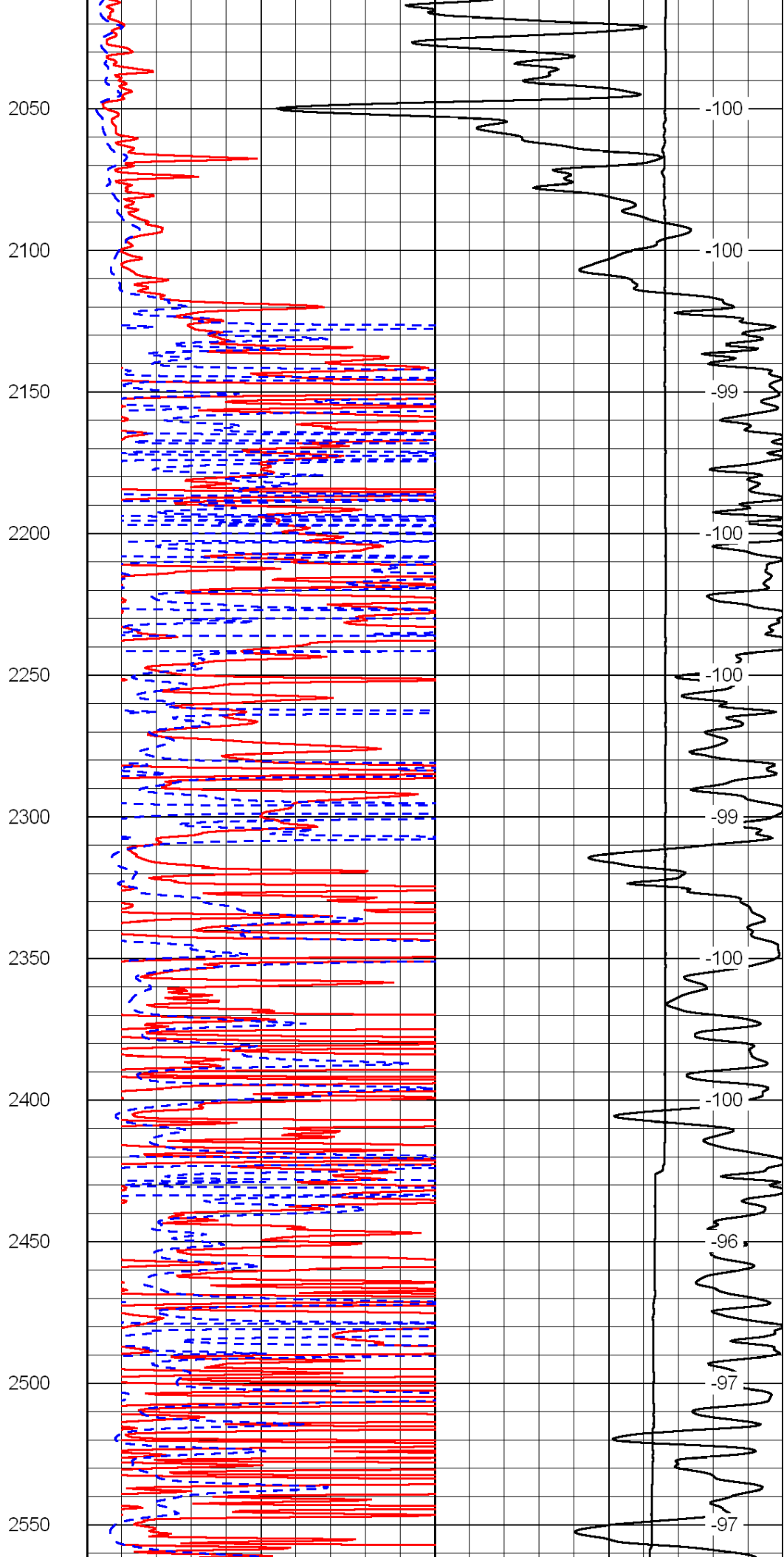
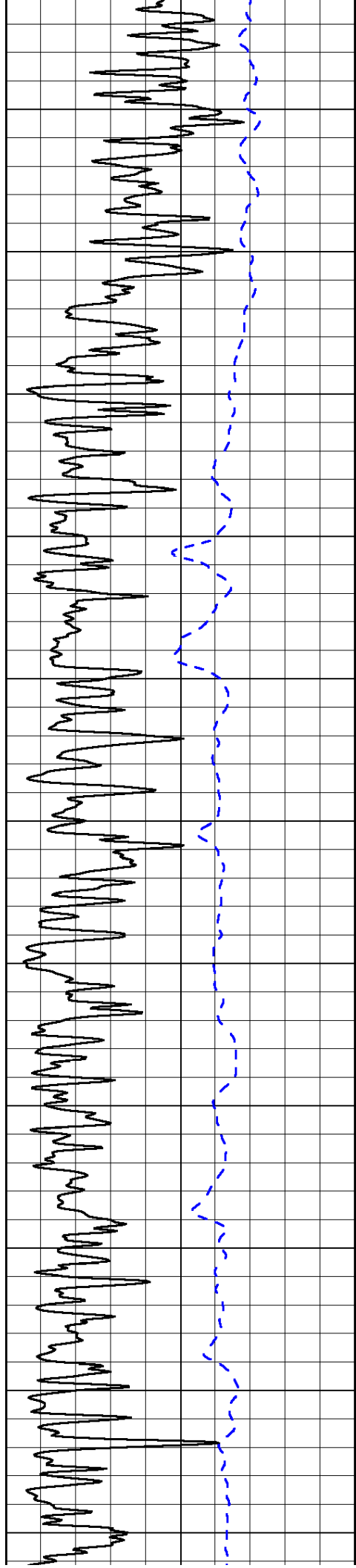
Thank you for using Log-Tech, Inc.
(785) 625-3858

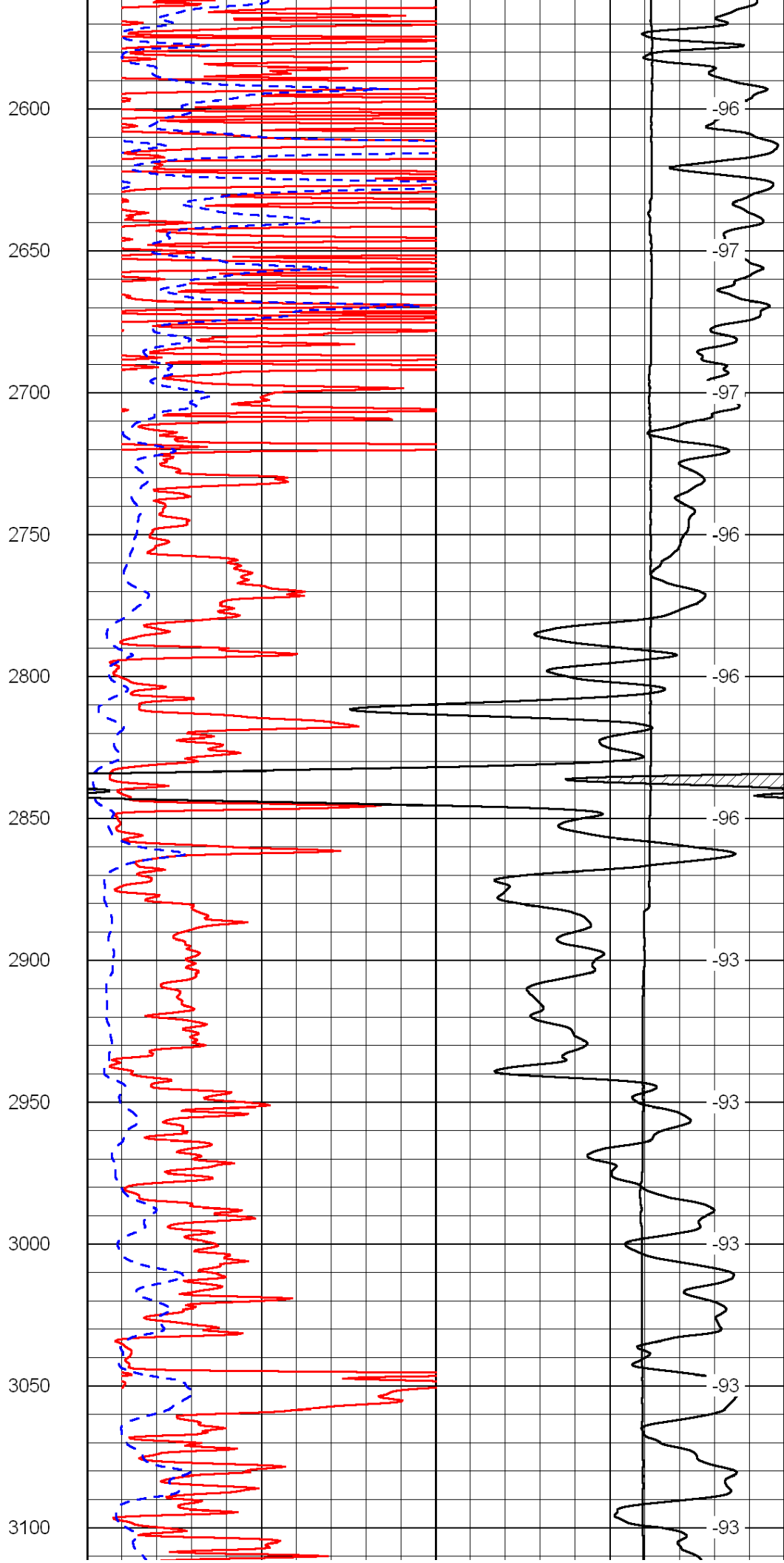
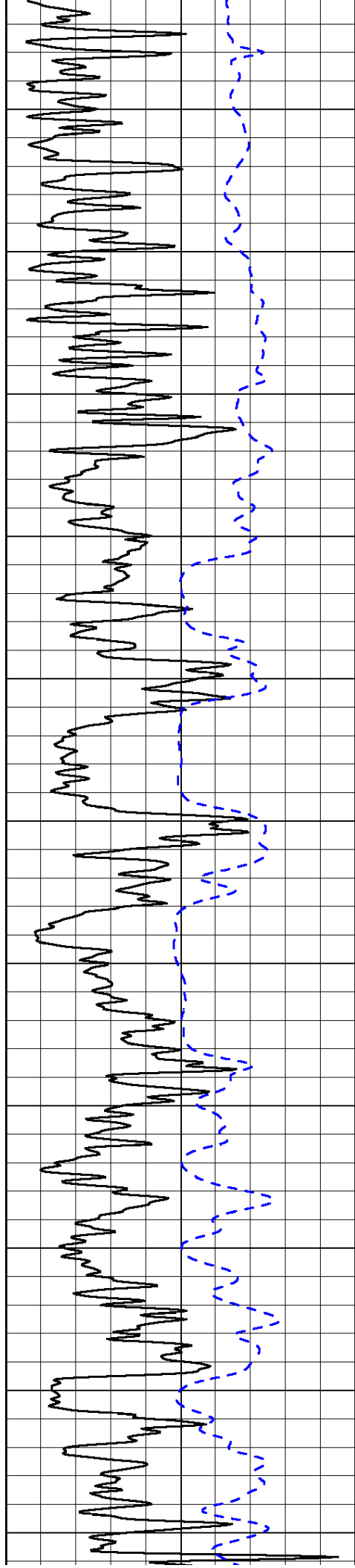
Plains (E. edge), 6 S to flashing light, 3 E to 8 rd,
1 S, 1 E, N into

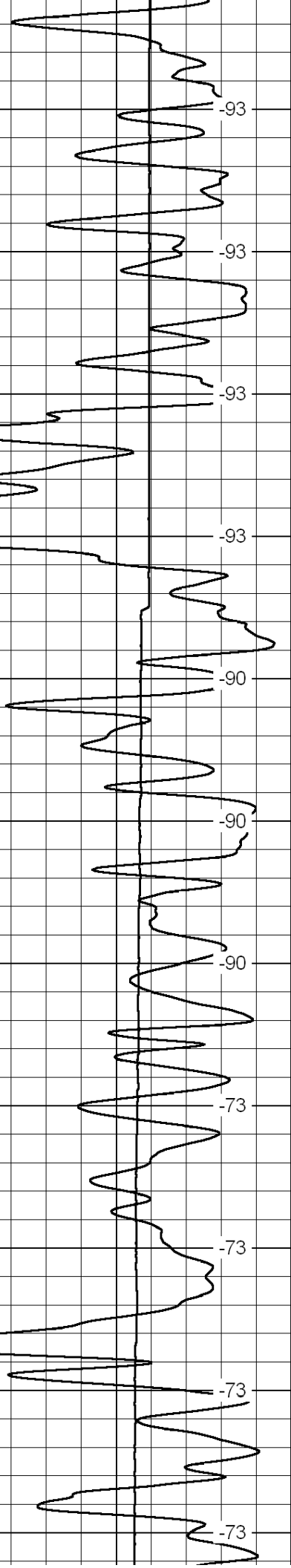
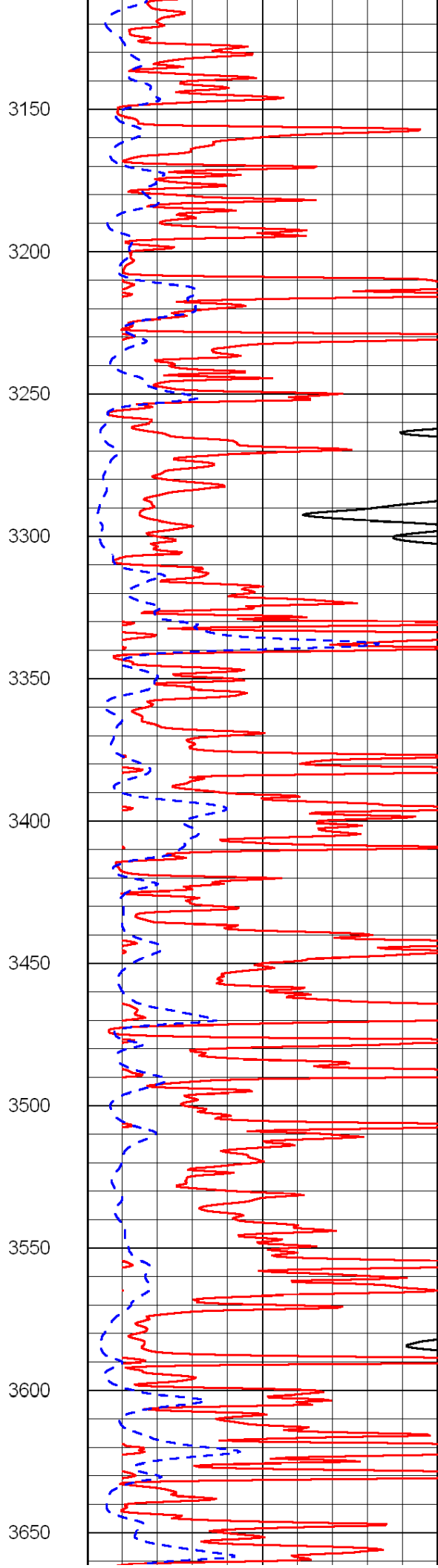
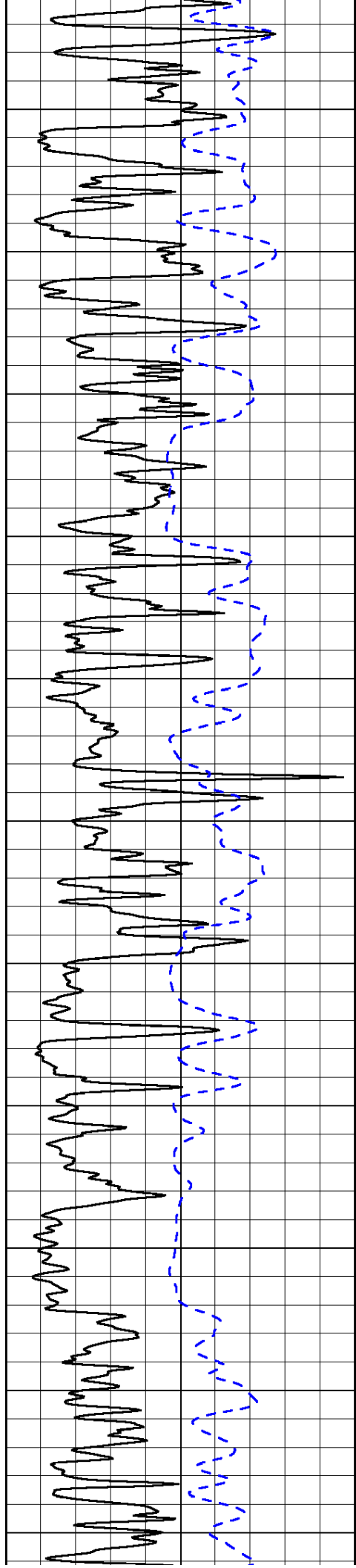
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Dataset Pathname: dil\awarstack
Presentation Format: dil2in
Dataset Creation: Mon Dec 20 13:18:32 2010
Charted by: Depth in Feet scaled 1:600

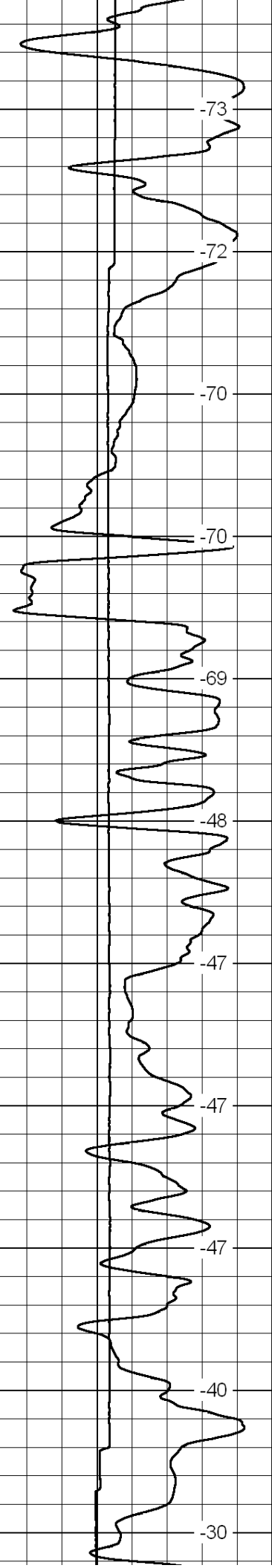
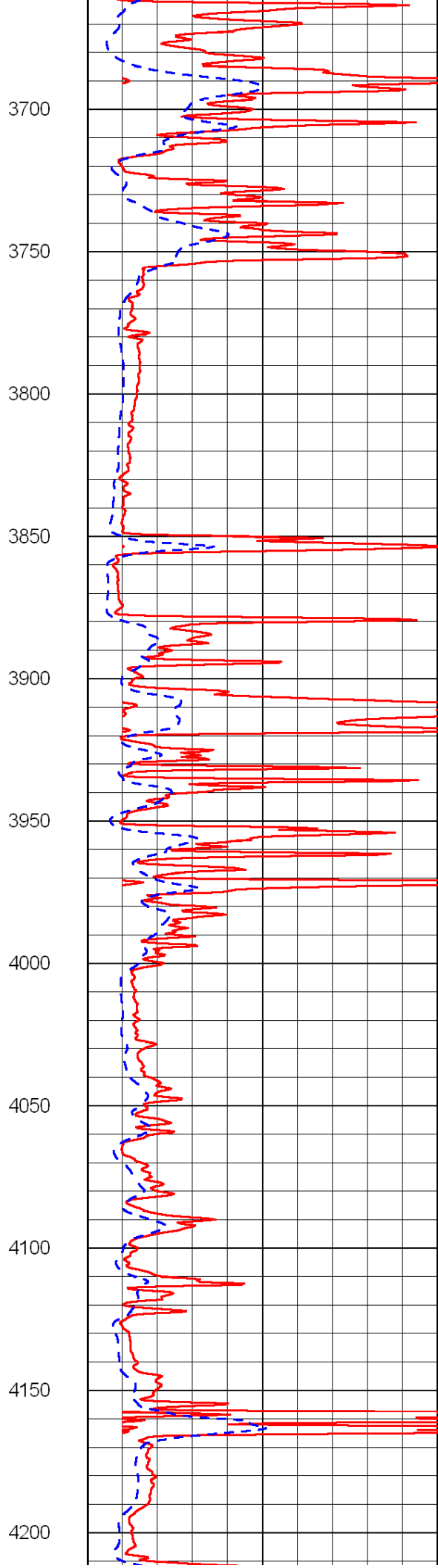
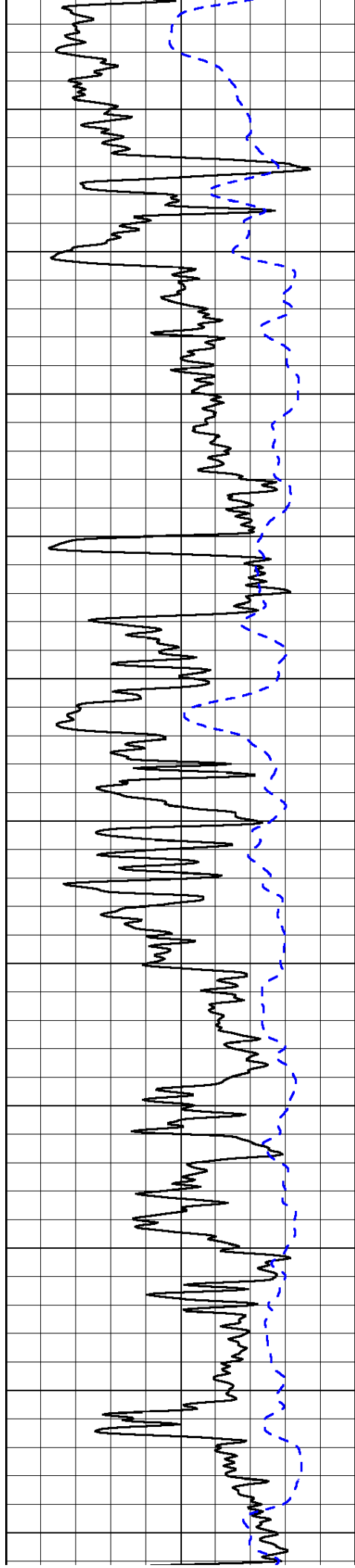
Charted by: _____ Depth in Feet scaled 1:600								
0	Gamma Ray	150	0	Shallow Resistivity	50	LSPD		
-200	SP (mV)	0	0	Deep Resistivity	50			
			1000	Conductivity		0		
			15000	Line Tension		0		
			50	Shallow Resistivity	500			
			50	Deep Resistivity	500			

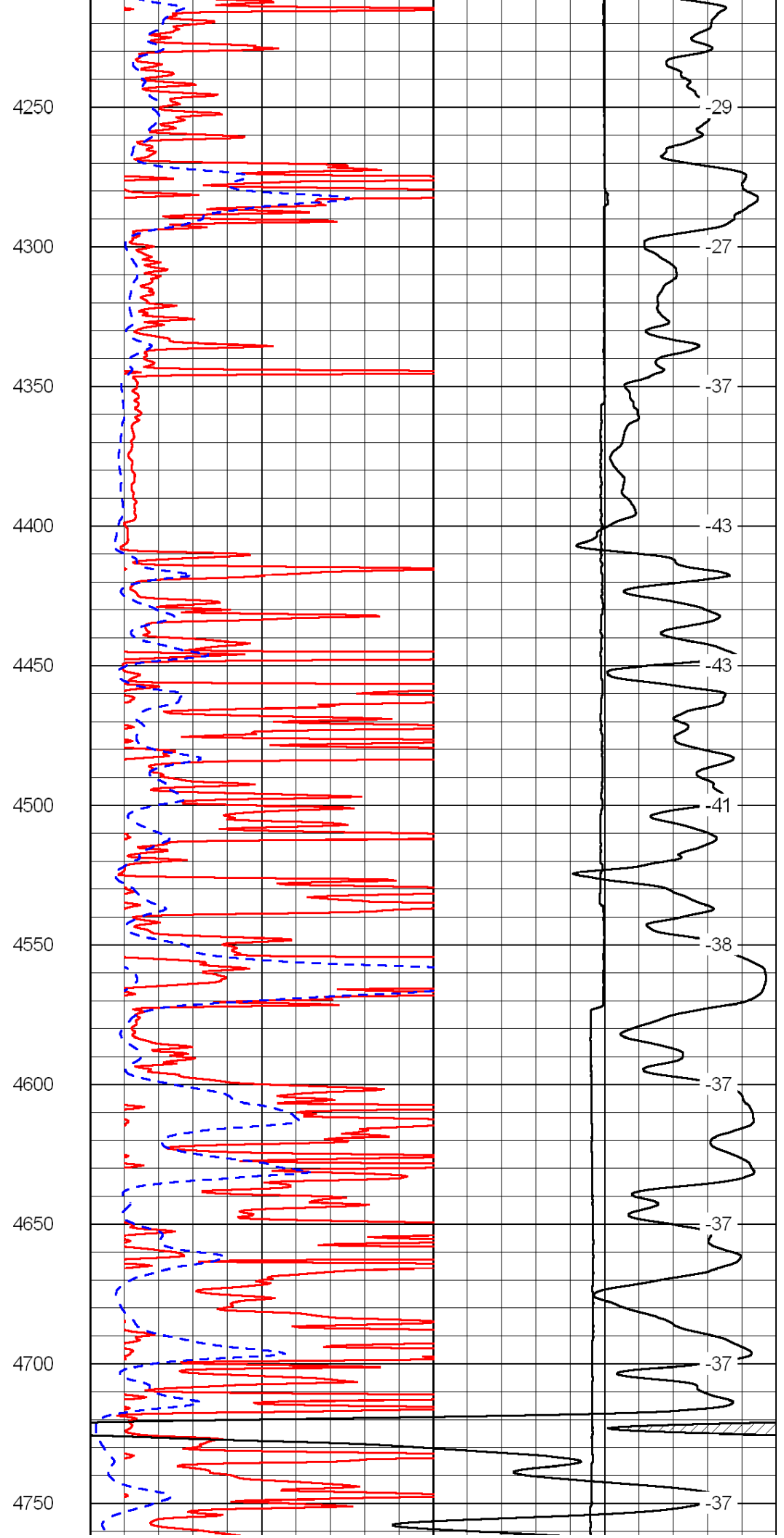
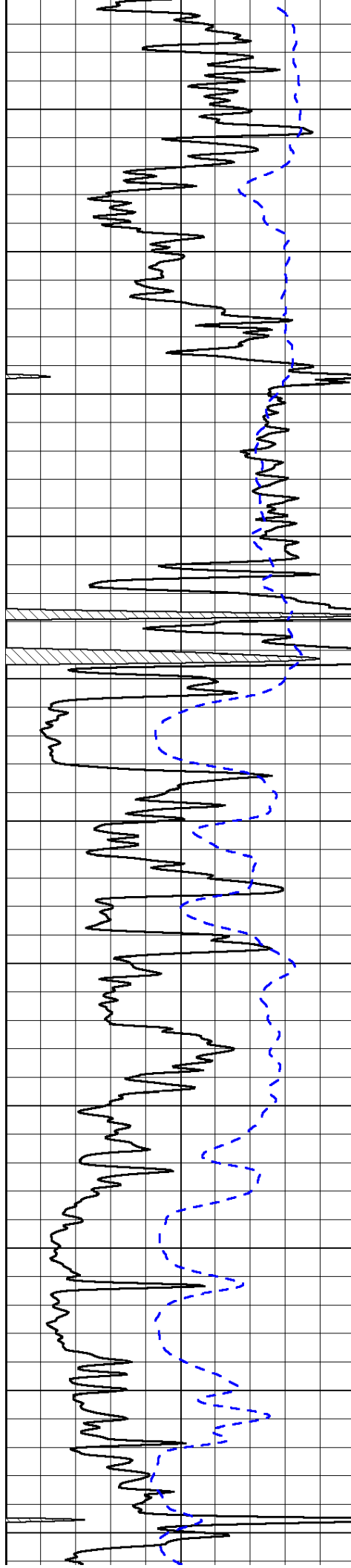


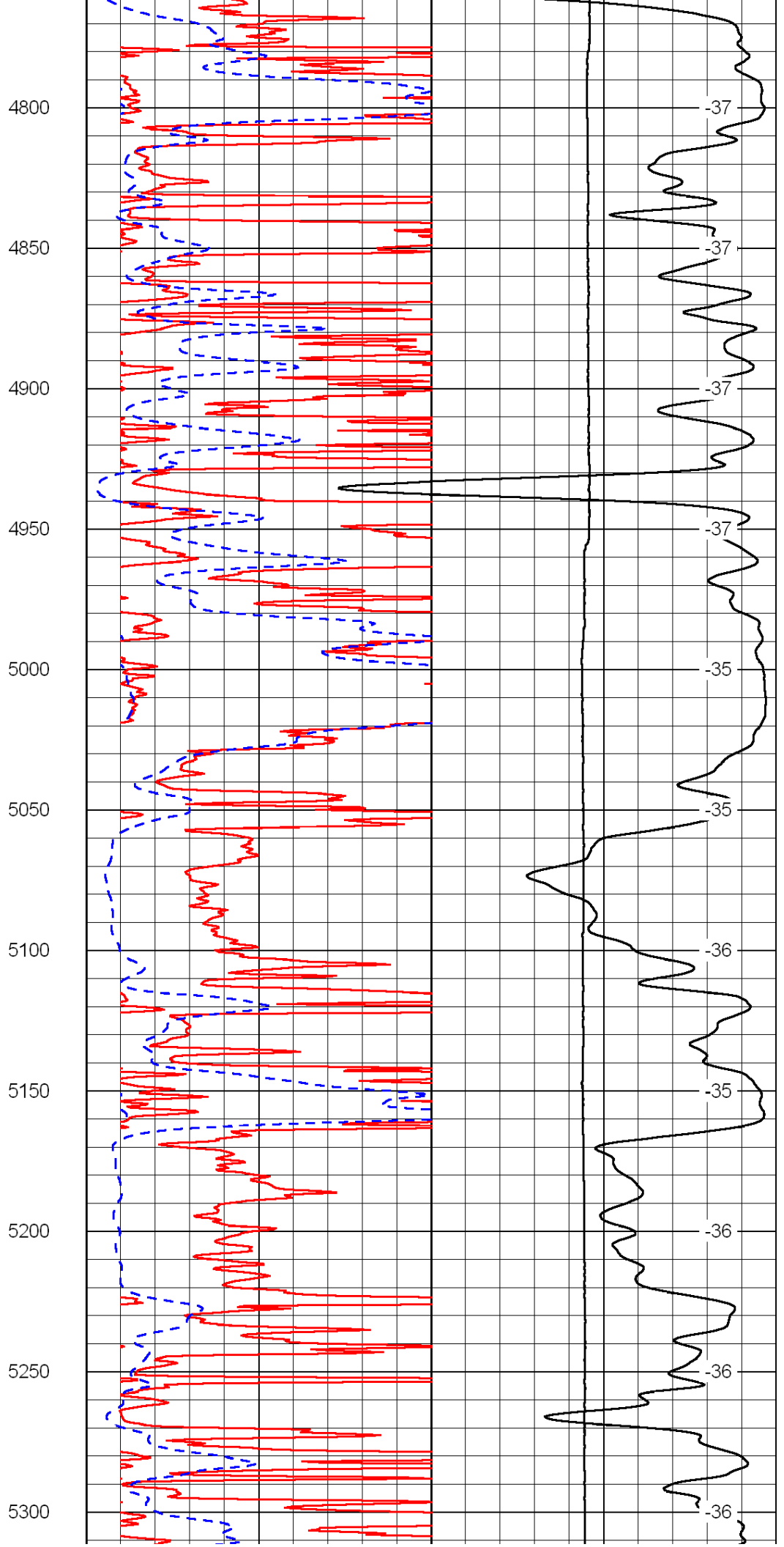
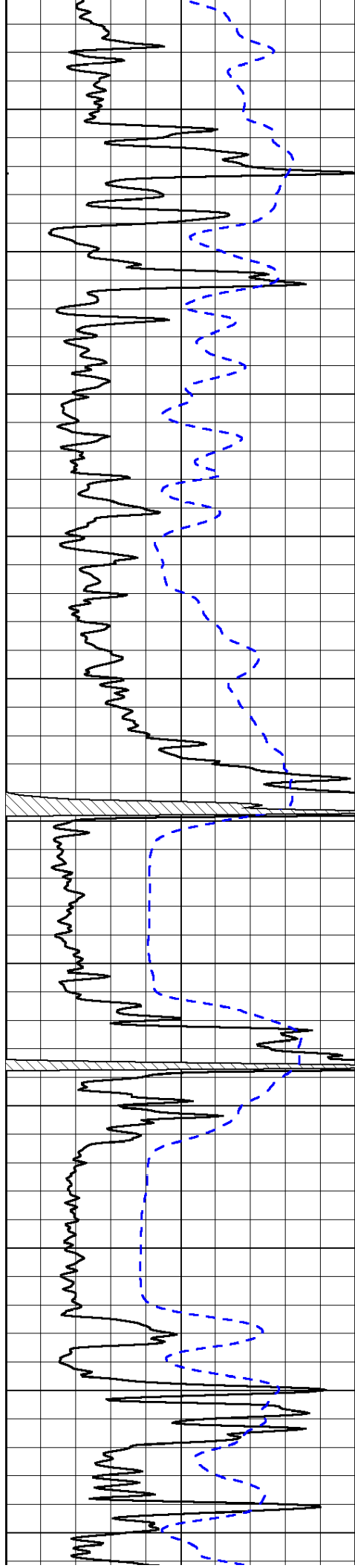


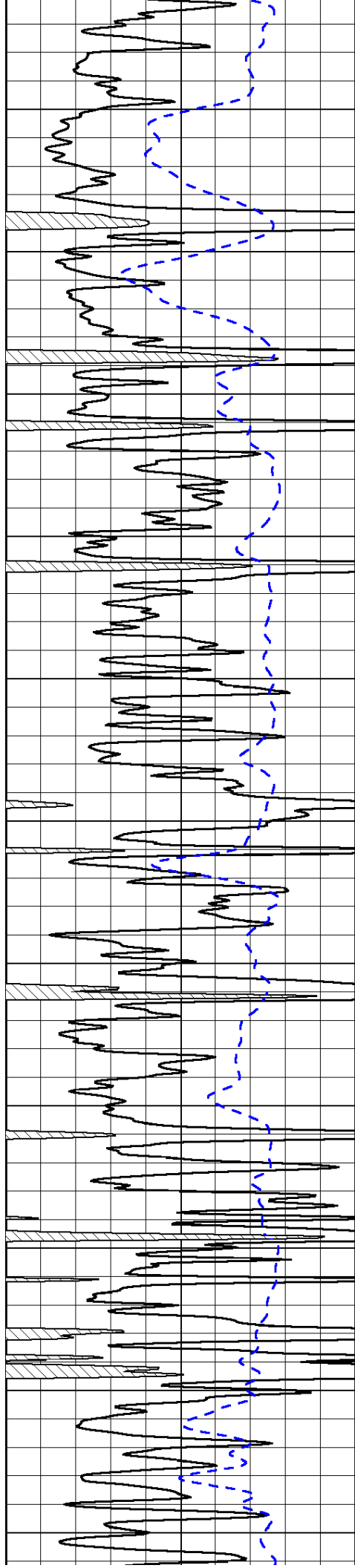












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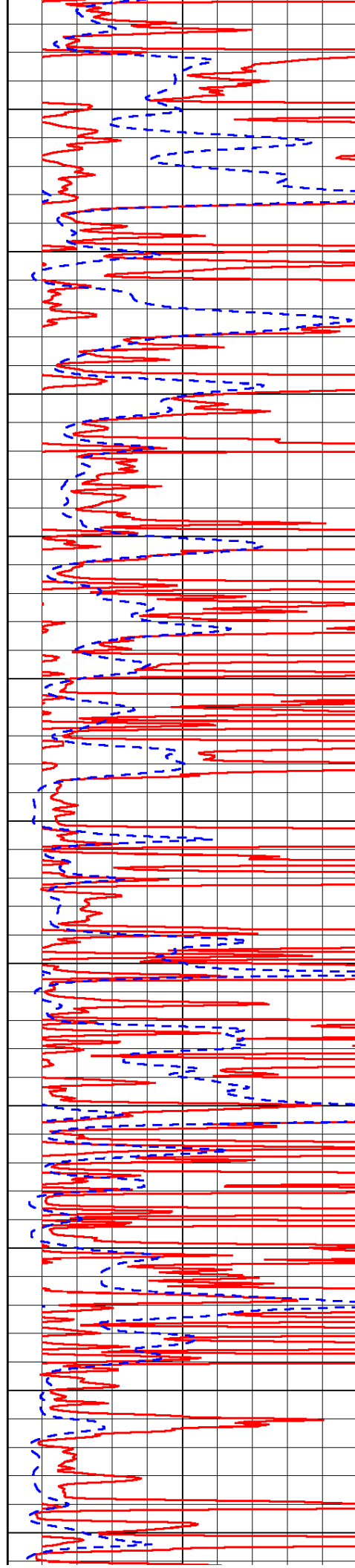
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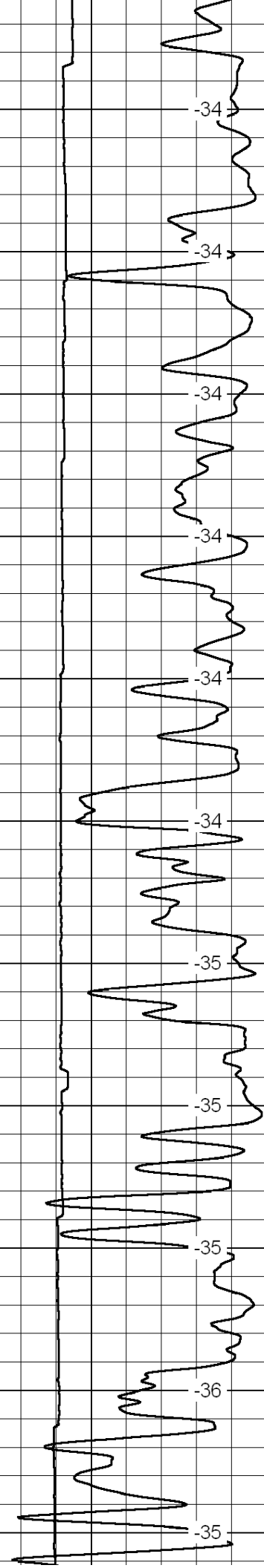
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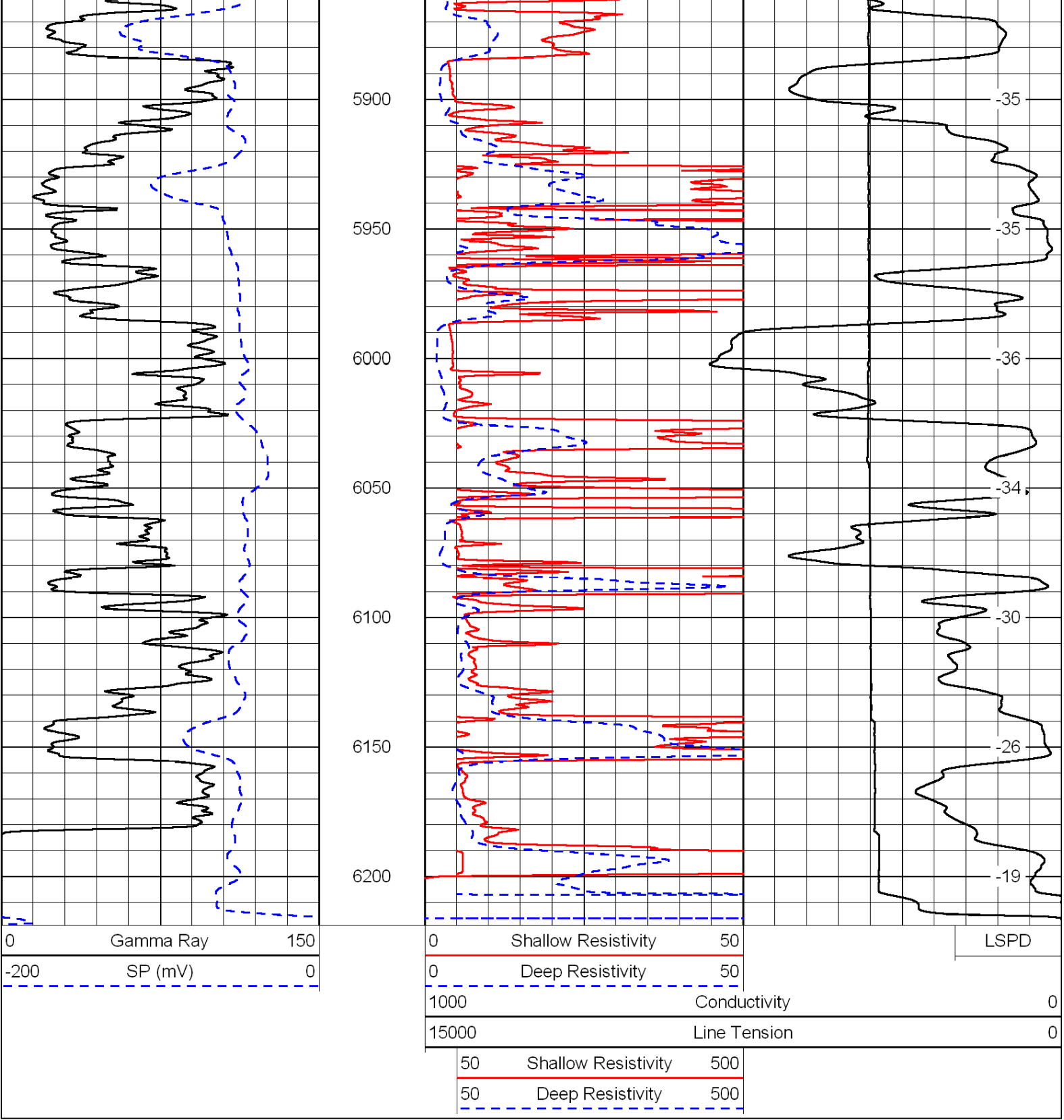
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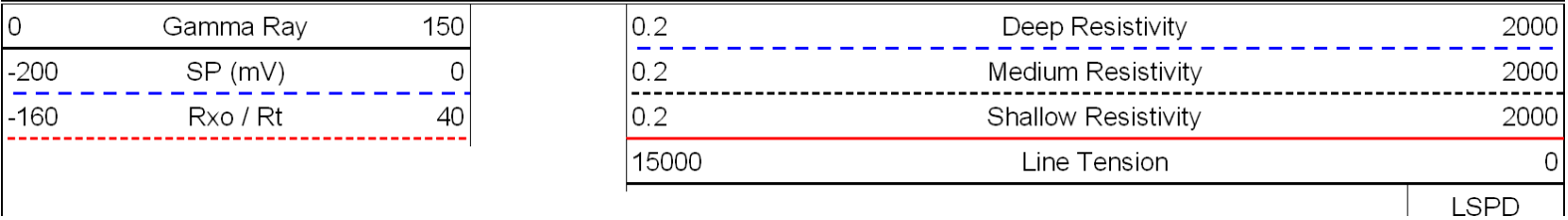
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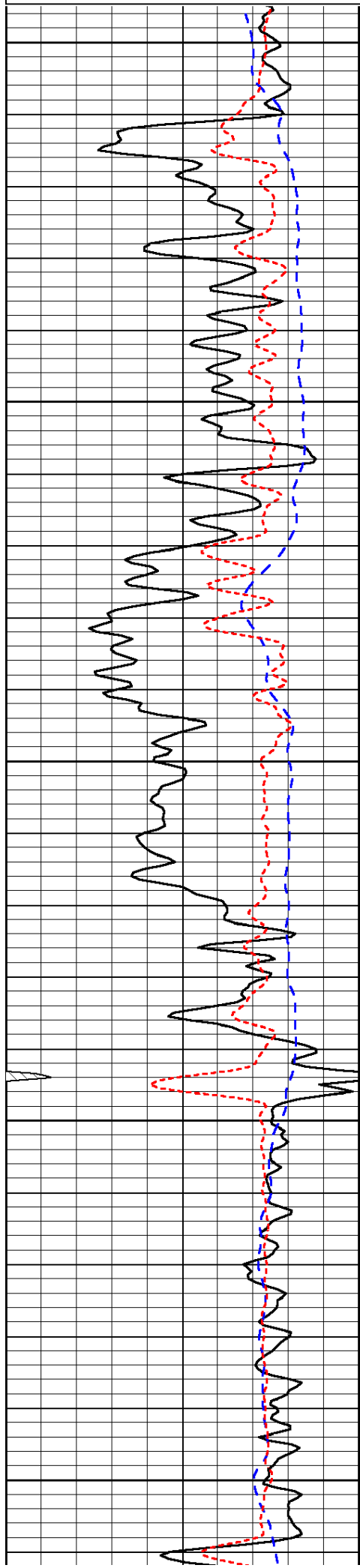
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Dataset Pathname: dil\awarstack
Presentation Format: dil
Dataset Creation: Mon Dec 20 13:18:32 2010
Charted by: Depth in Feet scaled 1:240





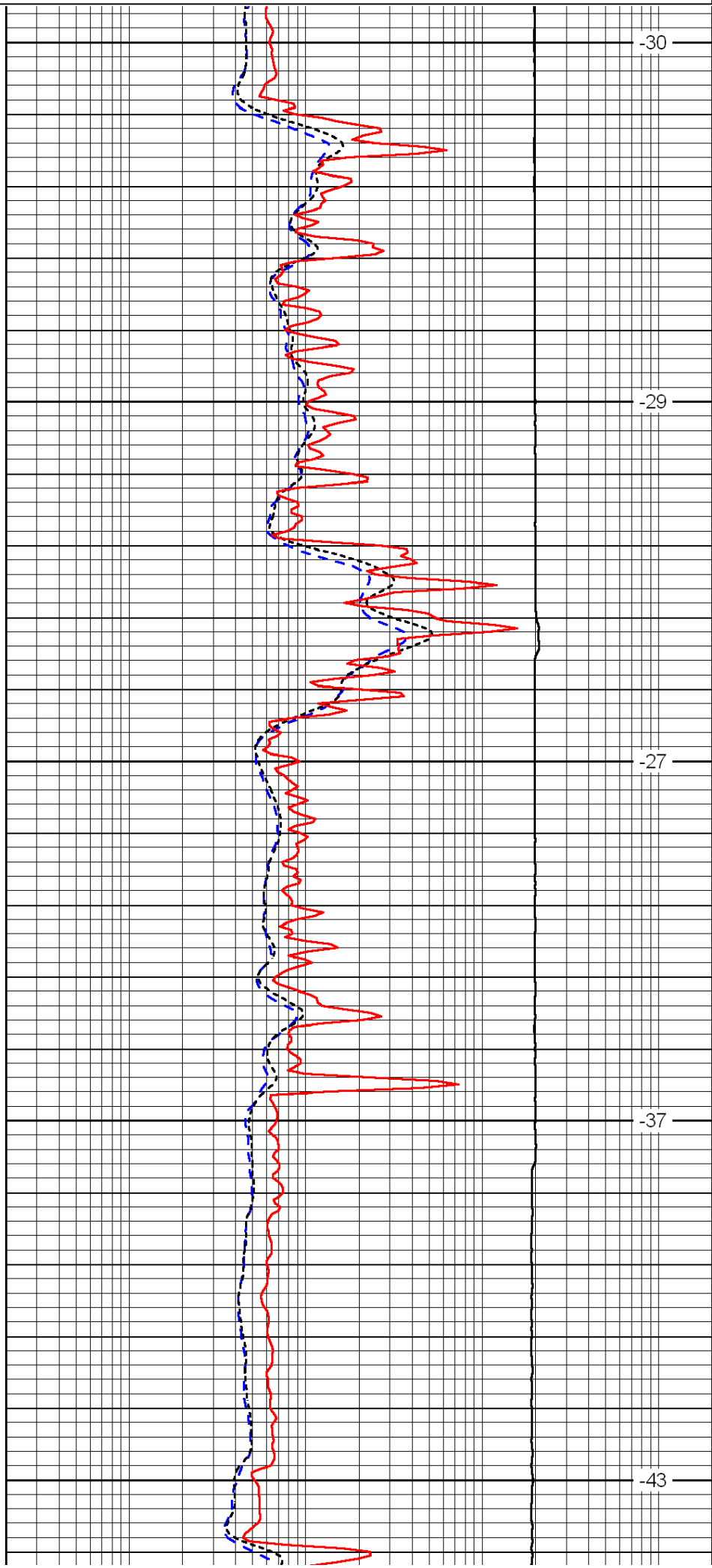
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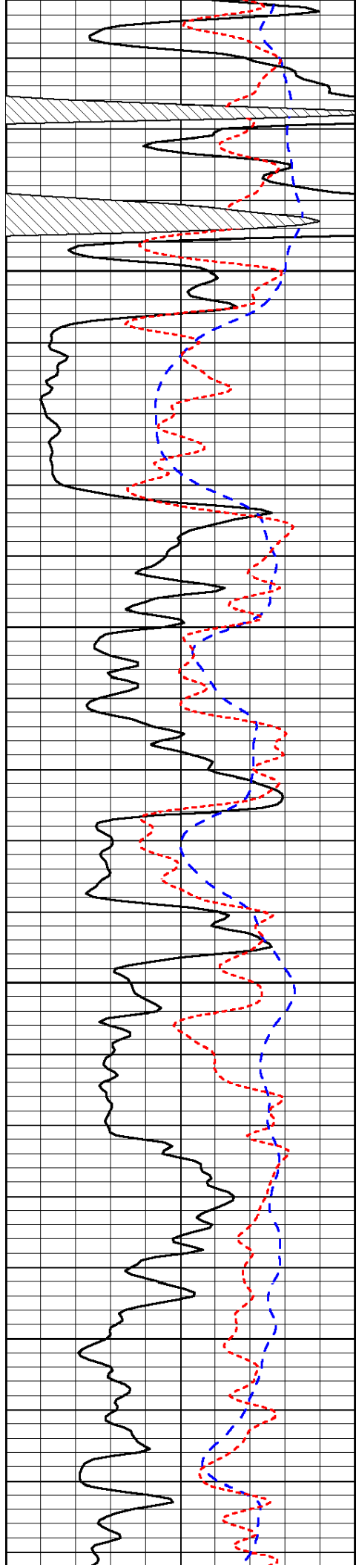
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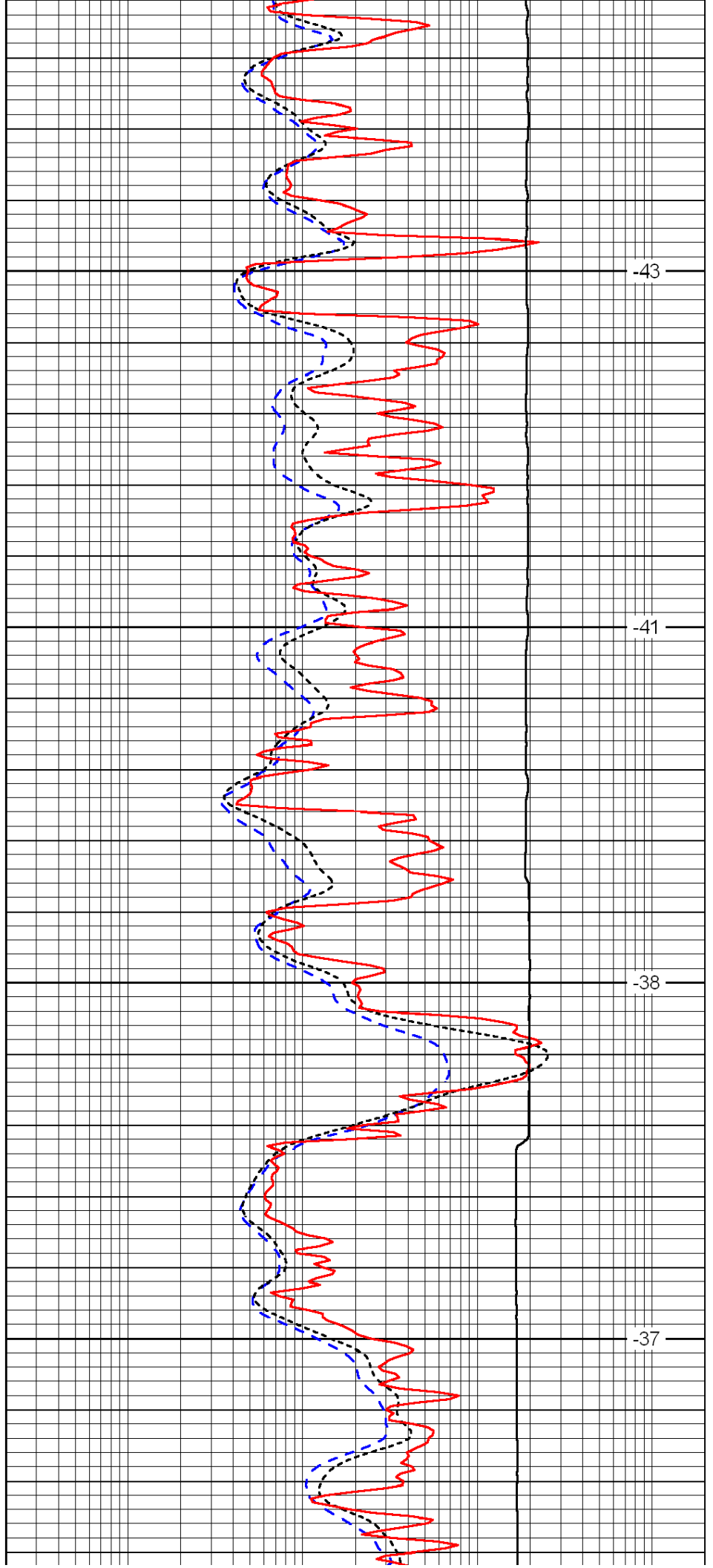


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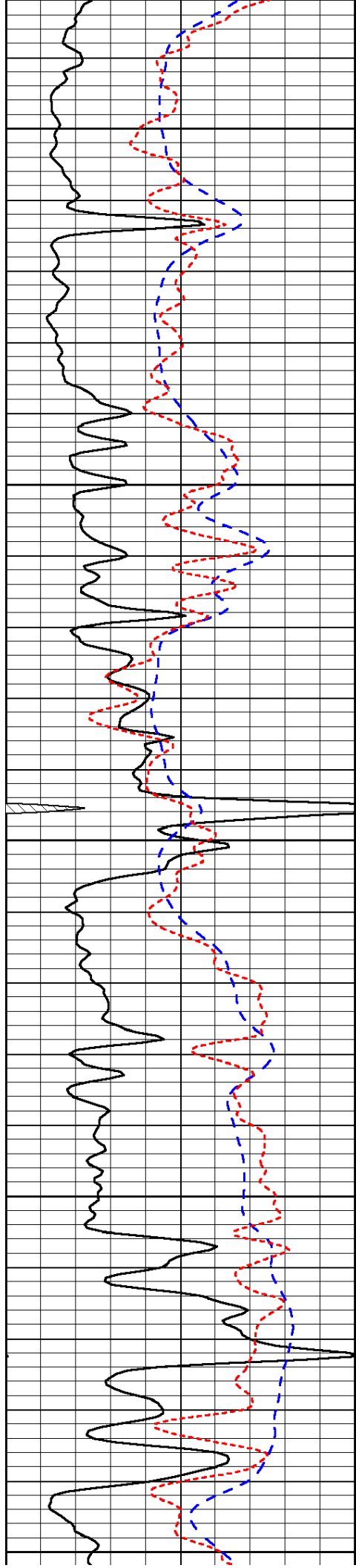


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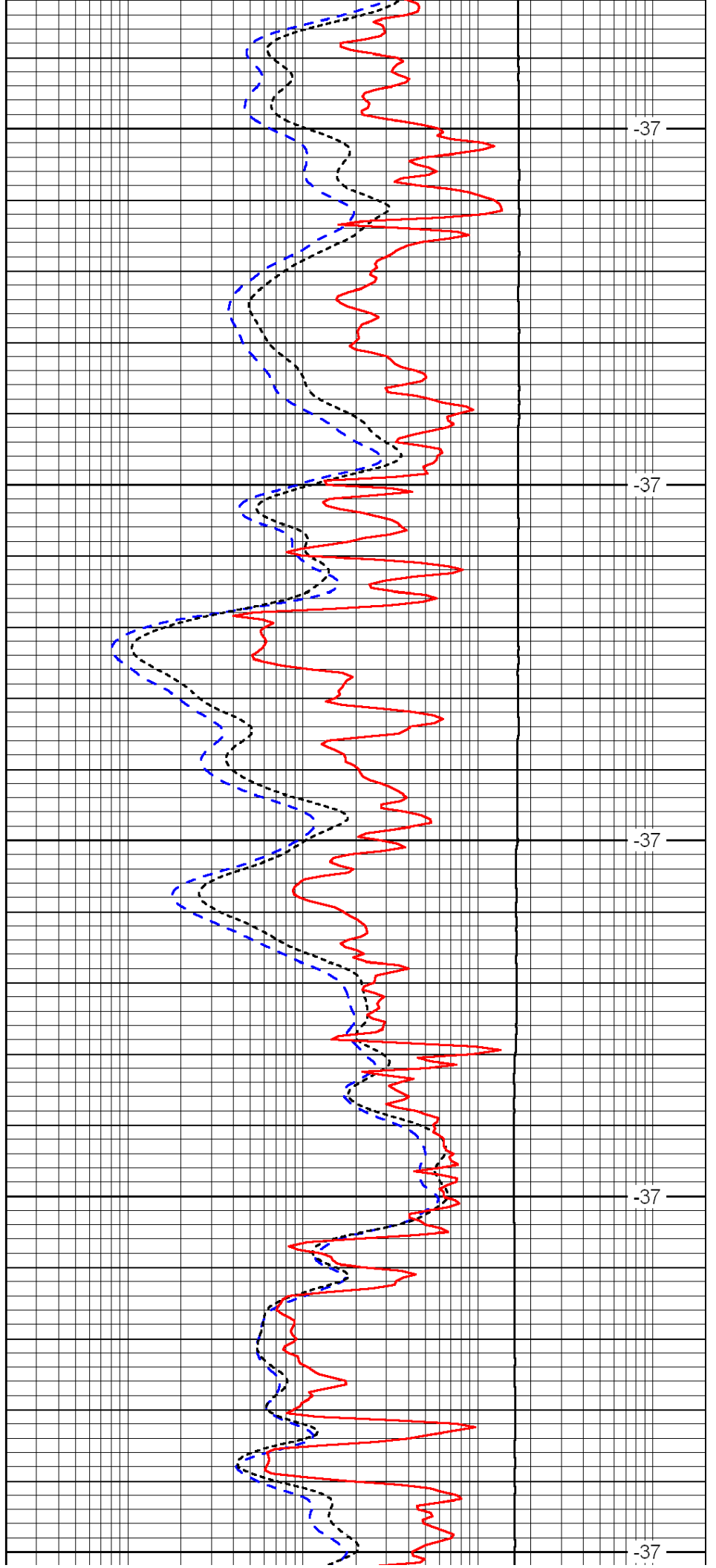
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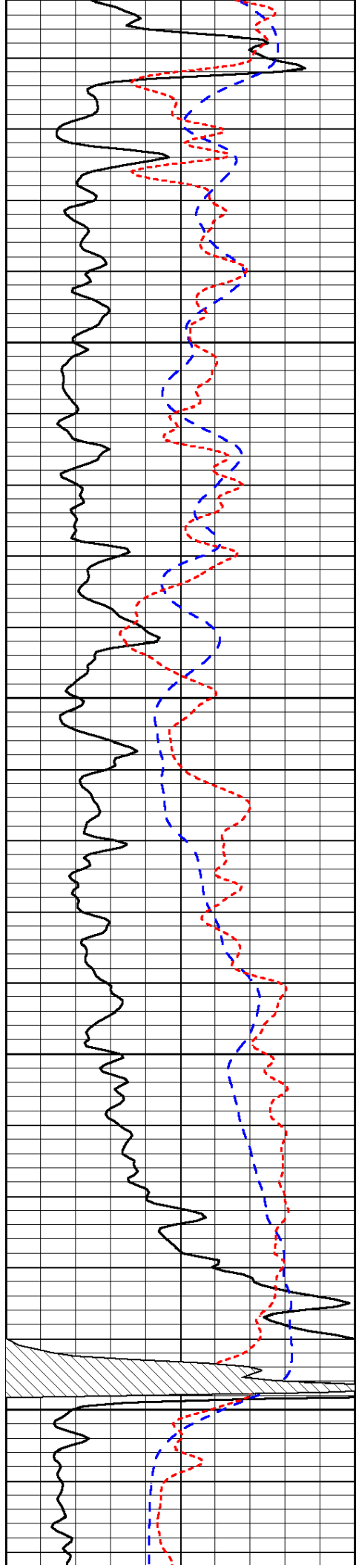
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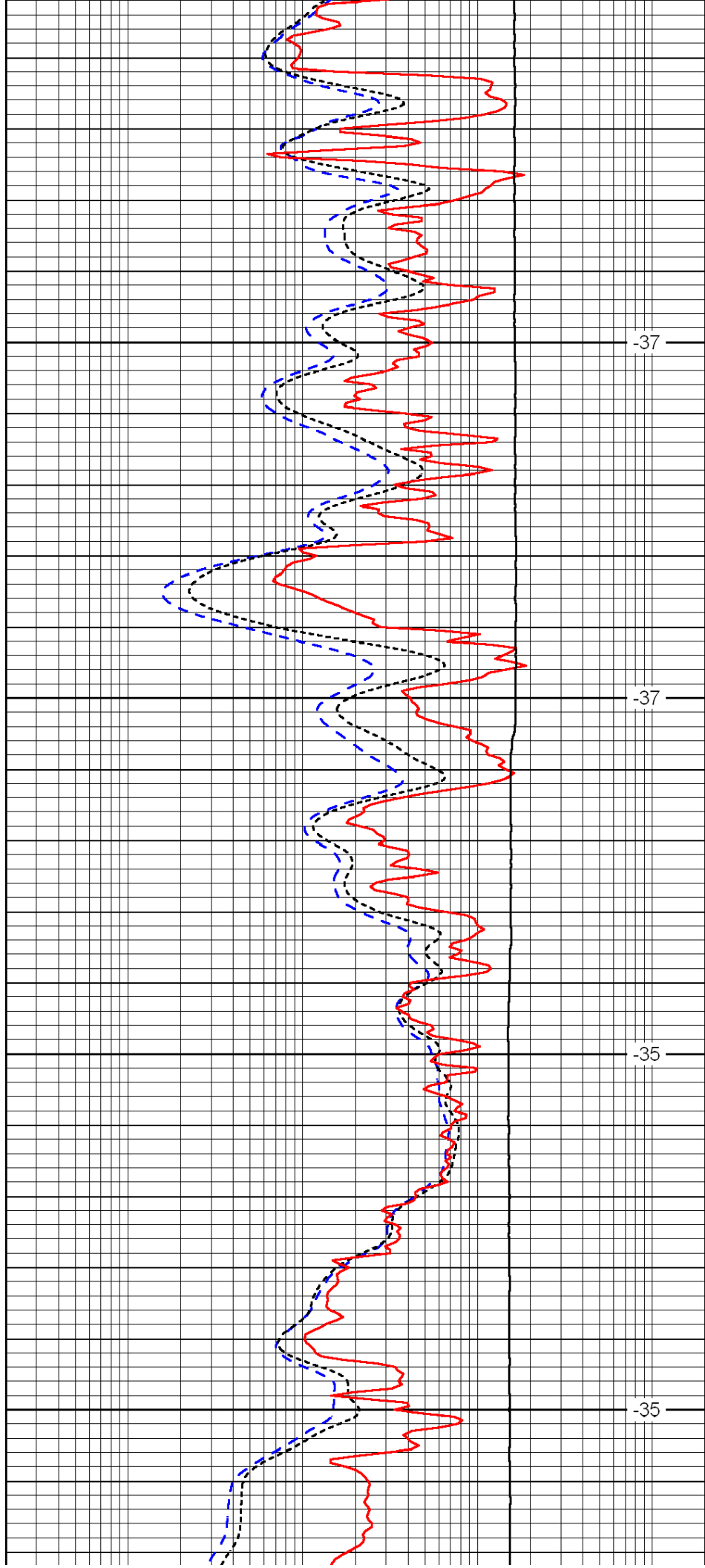


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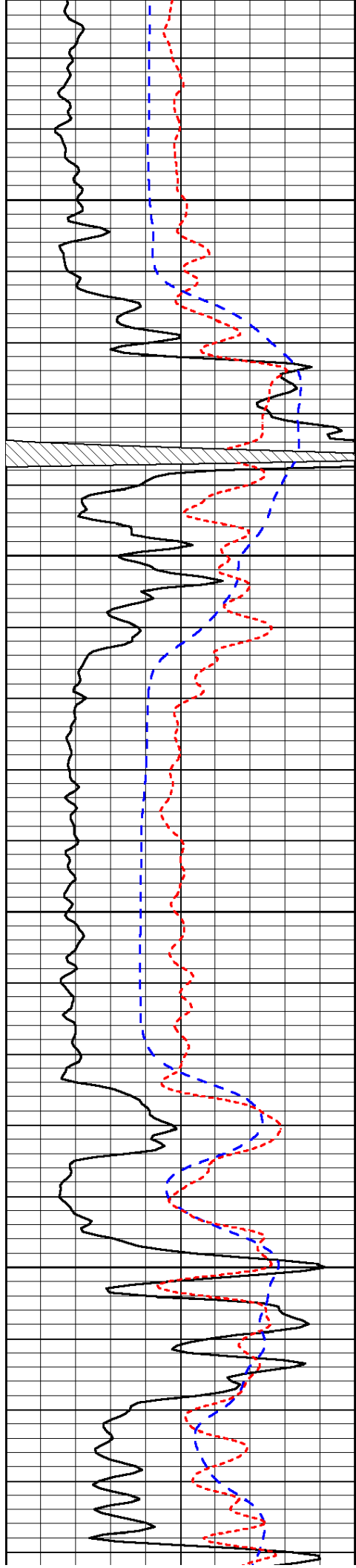


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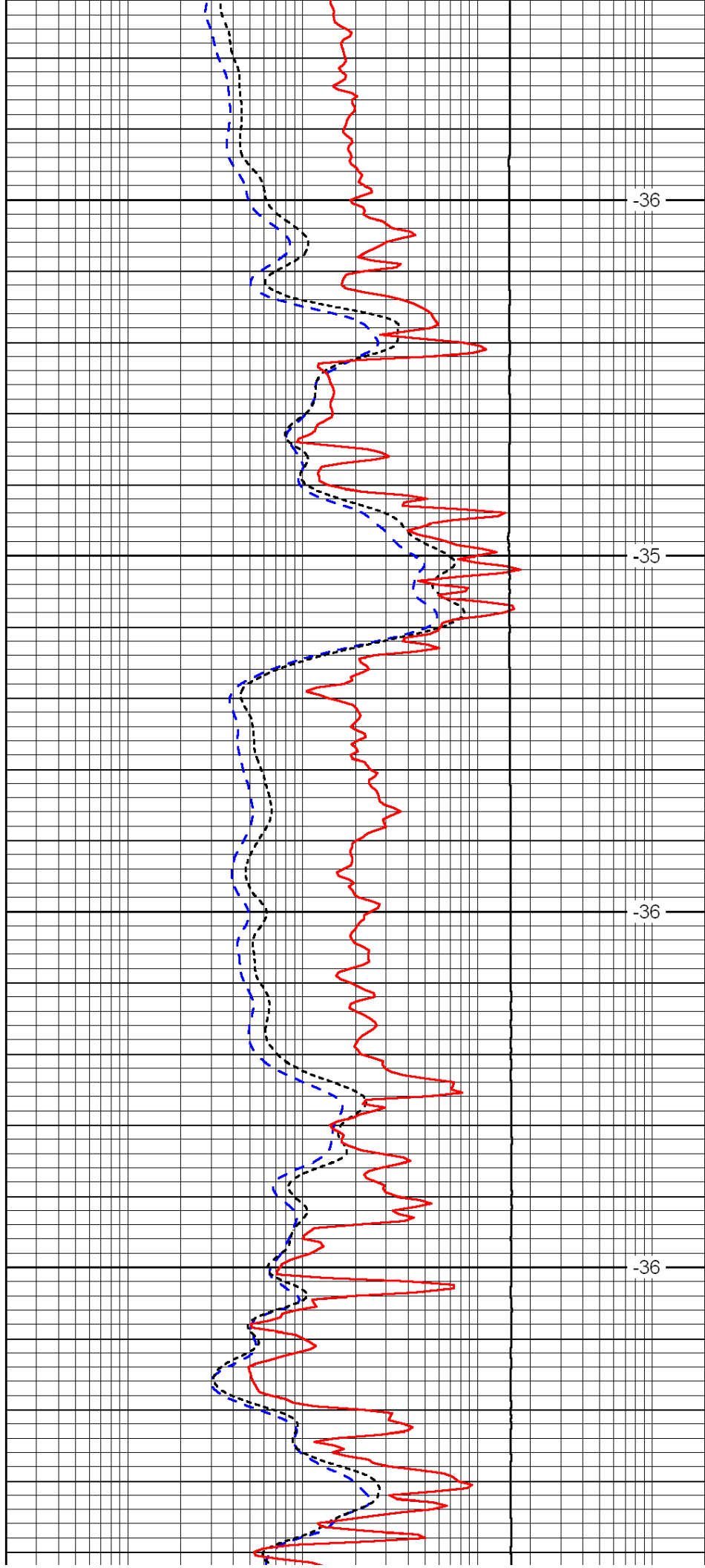


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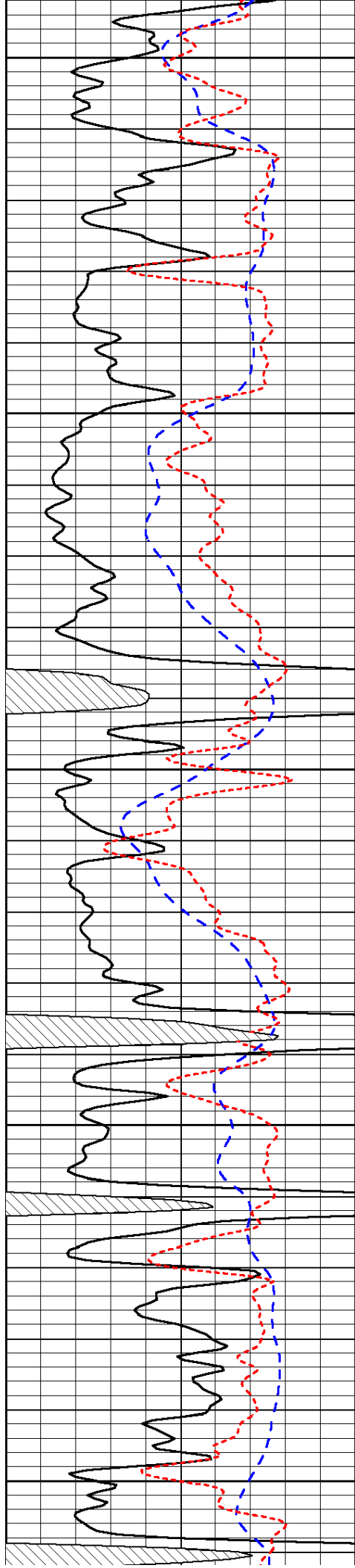


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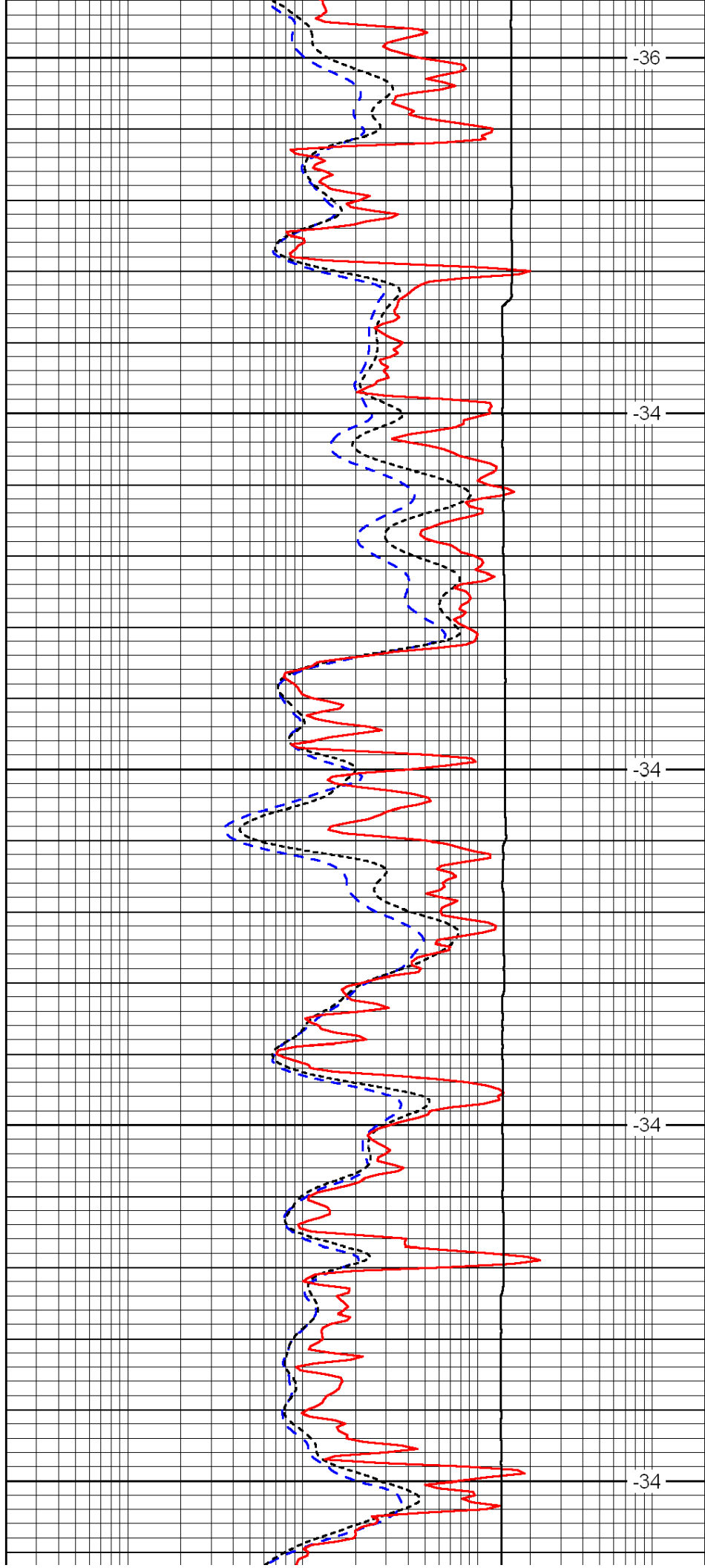
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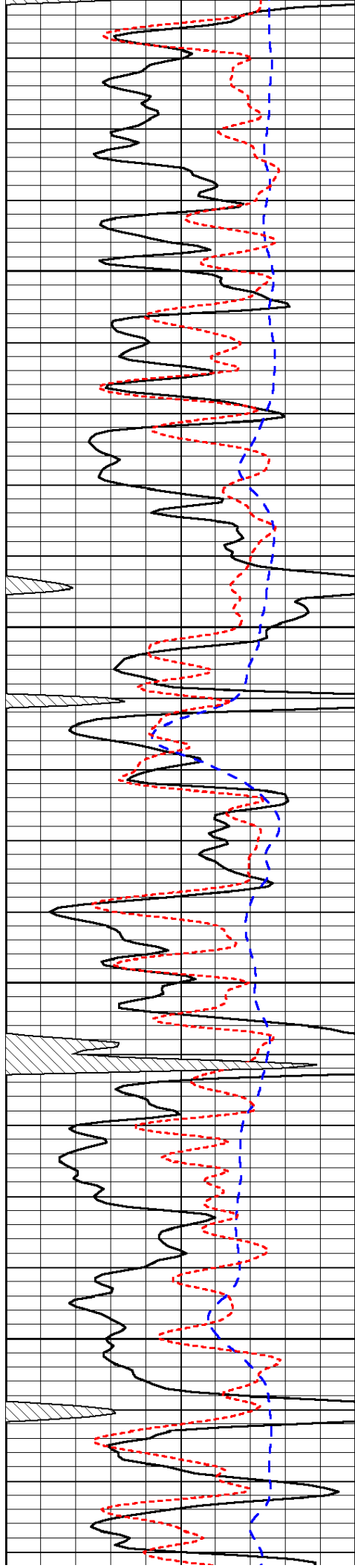
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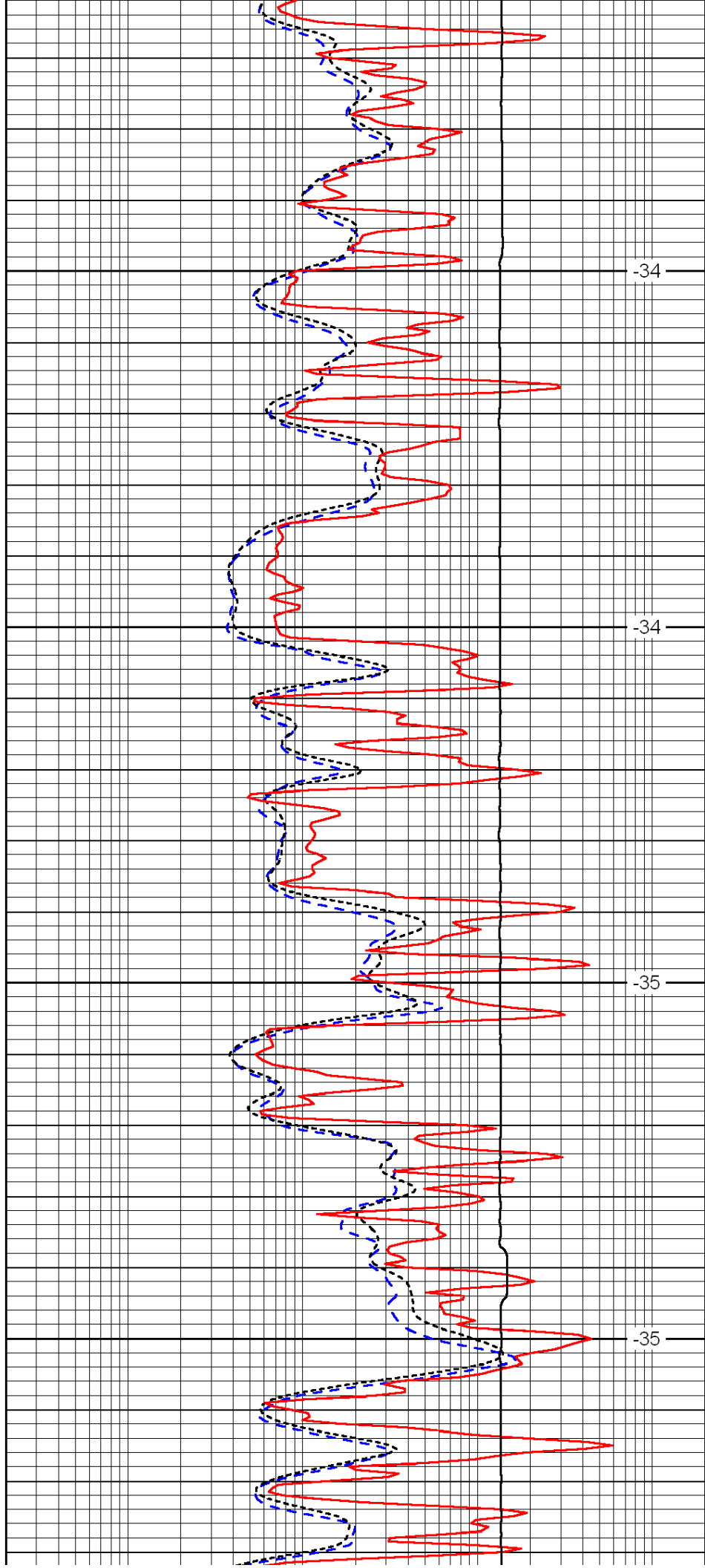


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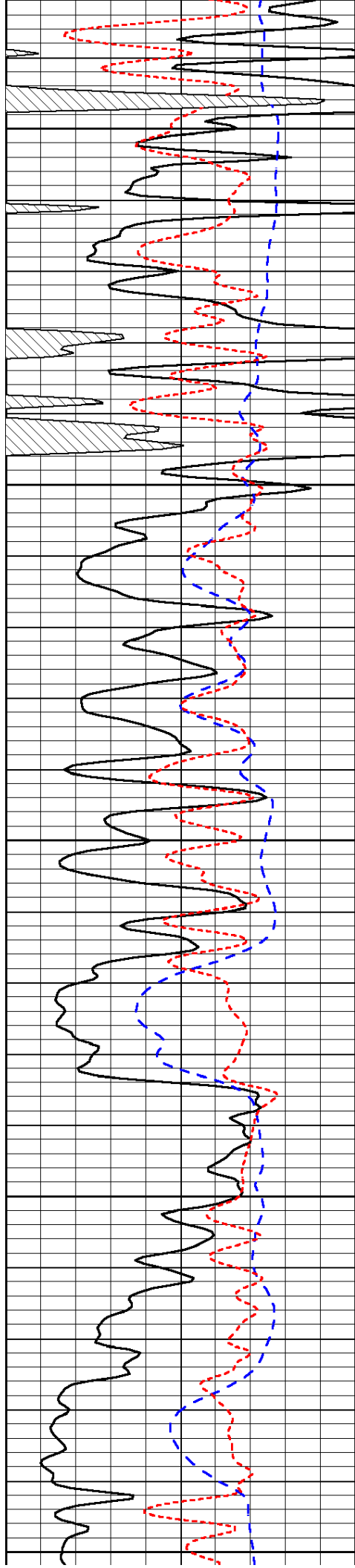


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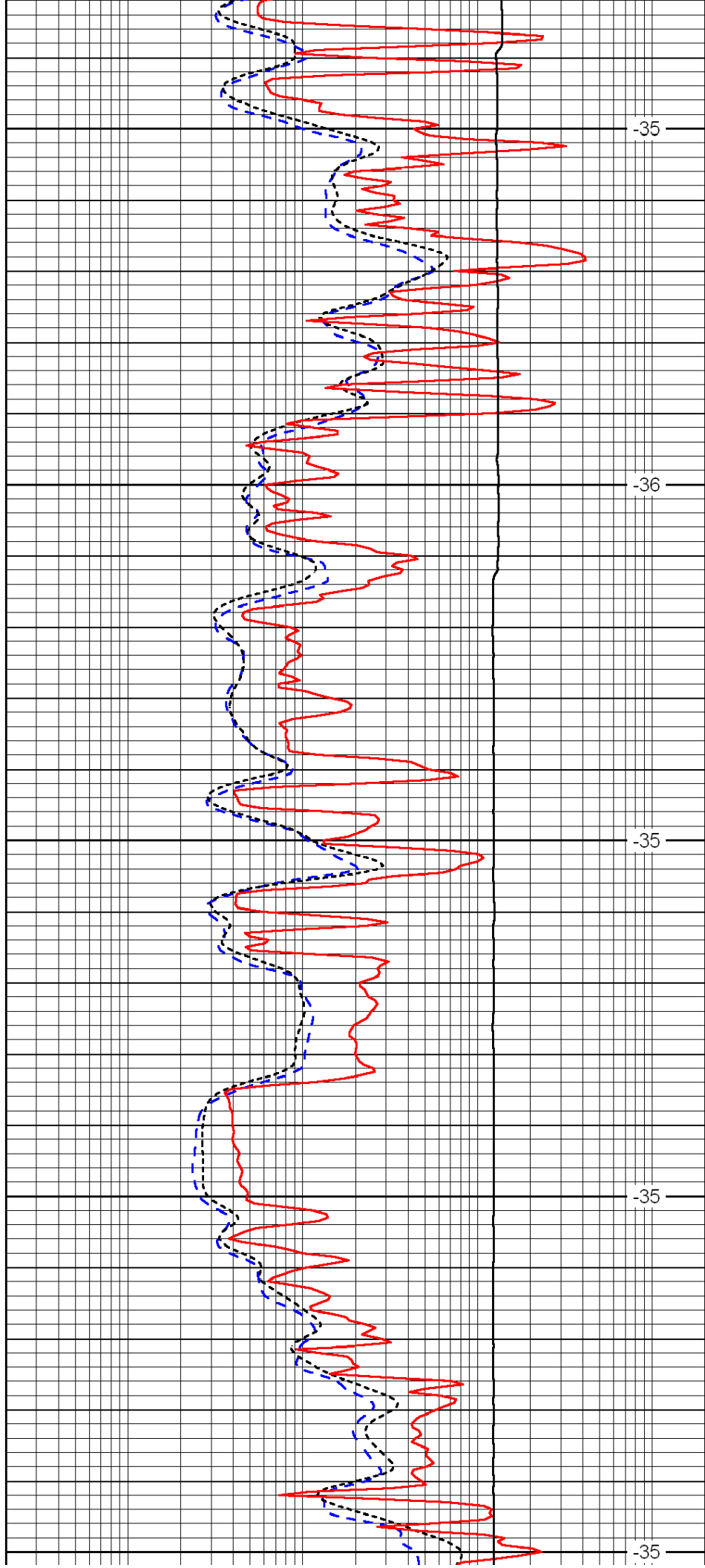
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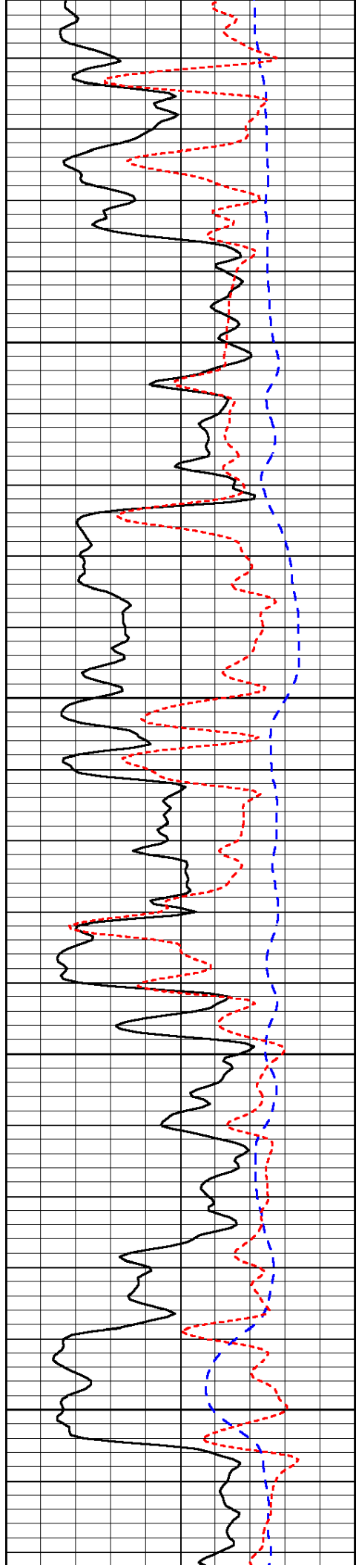
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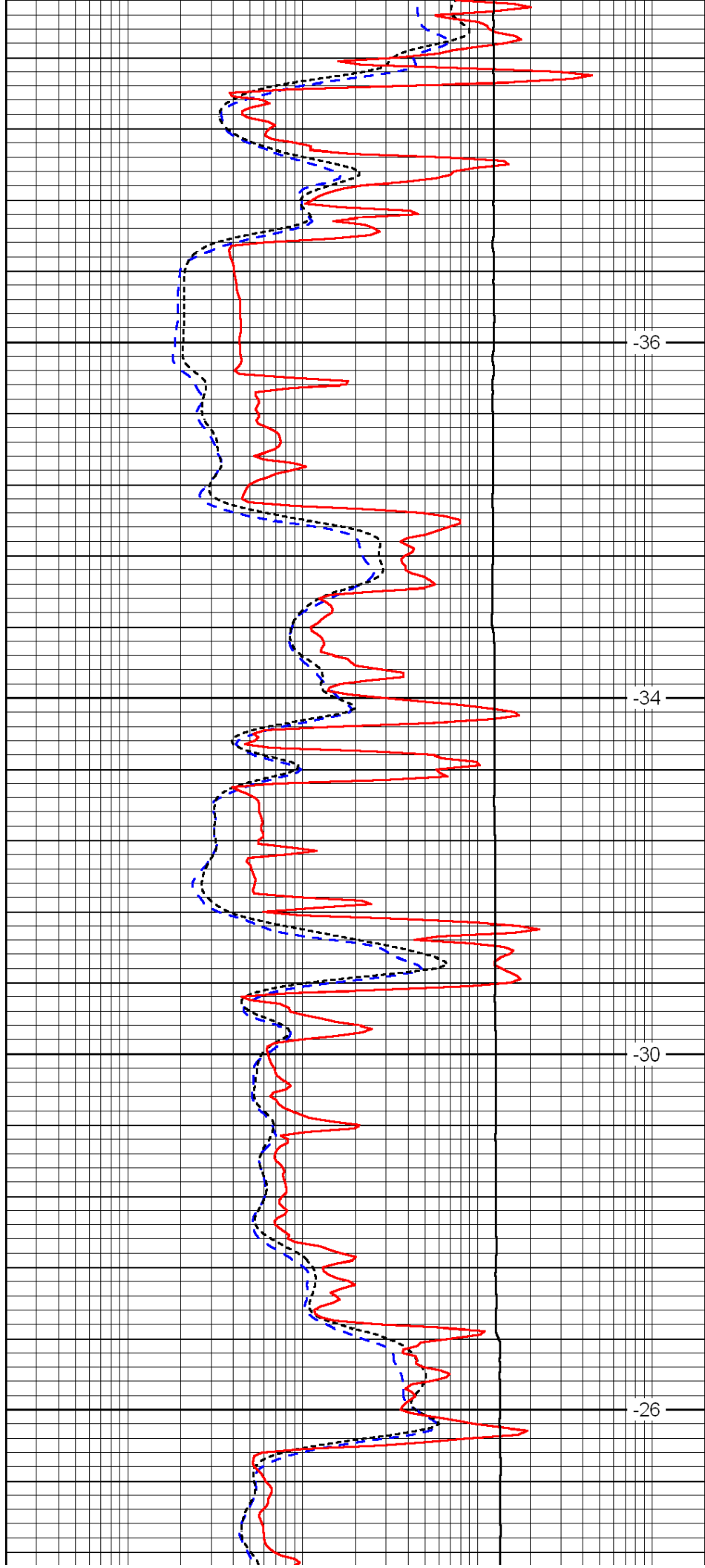


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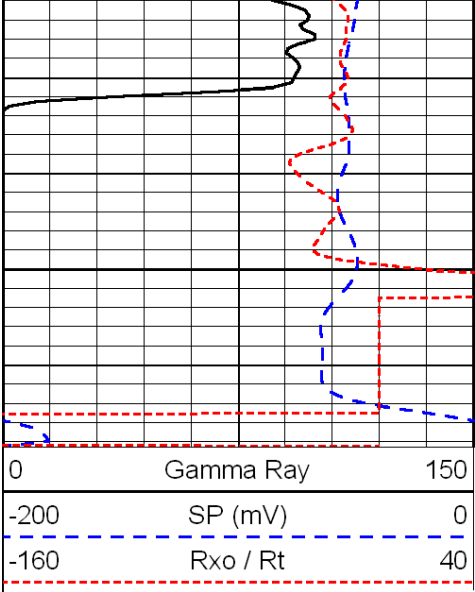


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