



Pioneer Energy Services

Microresistivity Log

API No.	Company Roberts Resources		
15-007-24,203-00-00	Well Wheelock "A" No. 2		
	Field Medicine River		
	County Barber	State	Kansas
	Location	NW-SE-NW 990' FSL & 3630' FEL	
	Sec: 34	Twp: 31S	Rge: 12W
	Permanent Datum	Ground Level	Elevation 1528
	Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date			K.B. 1536 D.F. 1528 G.L. 1528
Run Number		Two	
Depth Driller		4725	
Depth Logger		4720	
Bottom Logged Interval		4709	
Top Log Interval		2500	
Casing Driller		8.625 @ 264	
Casing Logger		260	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		9.500	
Density / Viscosity		9.0 40	
pH / Fluid Loss		10.0 10.8	
Source of Sample		Flowline	
Rm @ Meas. Temp		.12 @ 82	
Rmf @ Meas. Temp		.09 @ 82	
Rmc @ Meas. Temp		.16 @ 82	
Source of Rmf / Rmc		Charts	
Rm @ BHT		.08 @ 123	
Operating Rig Time		4 Hours	
Max Rec. Temp. F		123	
Equipment Number		10	
Location		Hays	
Recorded By		J. Henrickson	
Witnessed By		Kent Roberts	

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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.

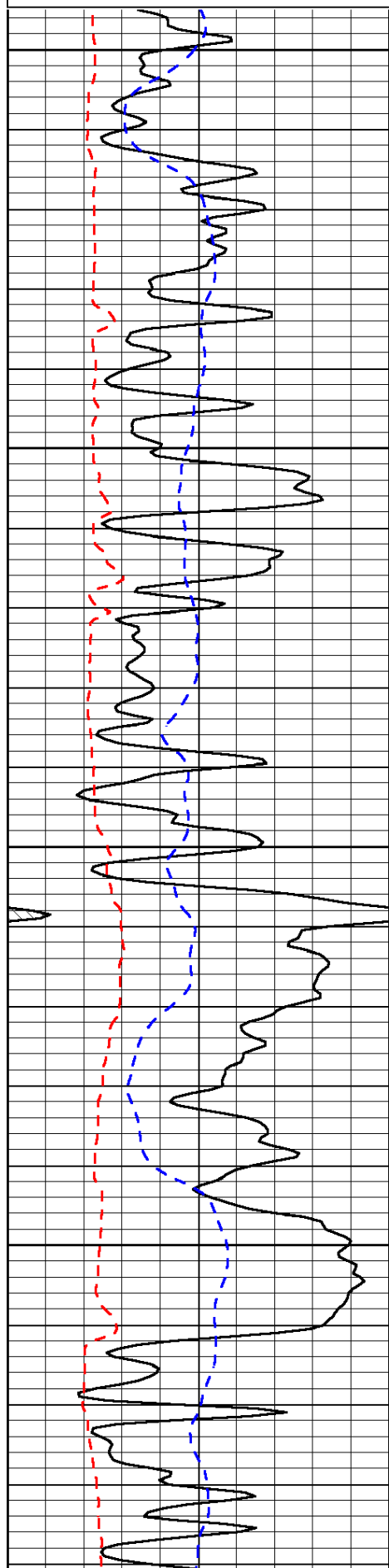
Comments

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

Medicine Lodge Kansas
2 West on River Rd, North Into

Database File: roberts_resources_wheelock_a_2hd.db
Dataset Pathname: DIL/robstk
Presentation Format: micro
Dataset Creation: Sun Aug 17 08:04:48 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP (mV)	0



2500

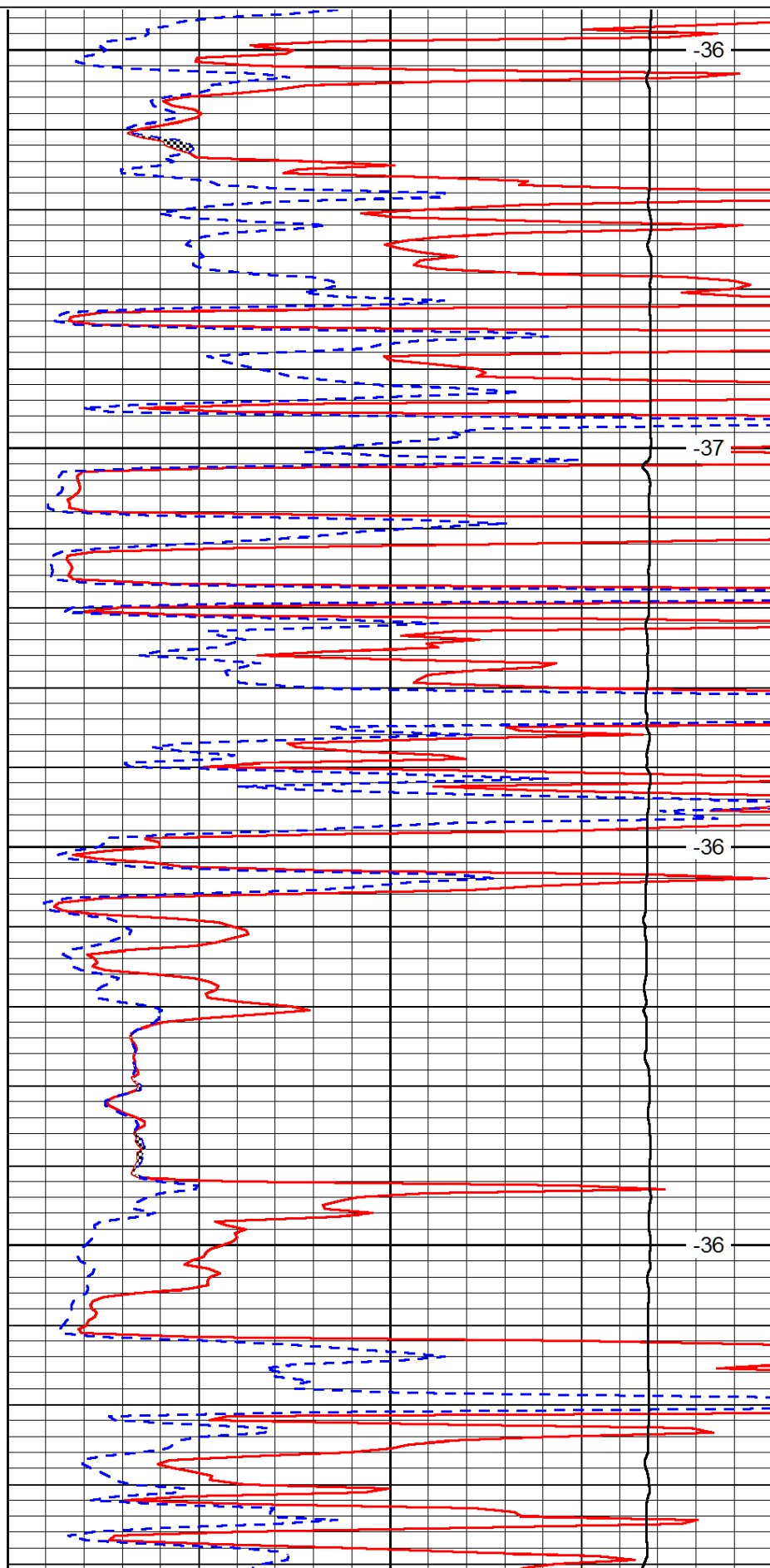
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2600

2650

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0

LSPD

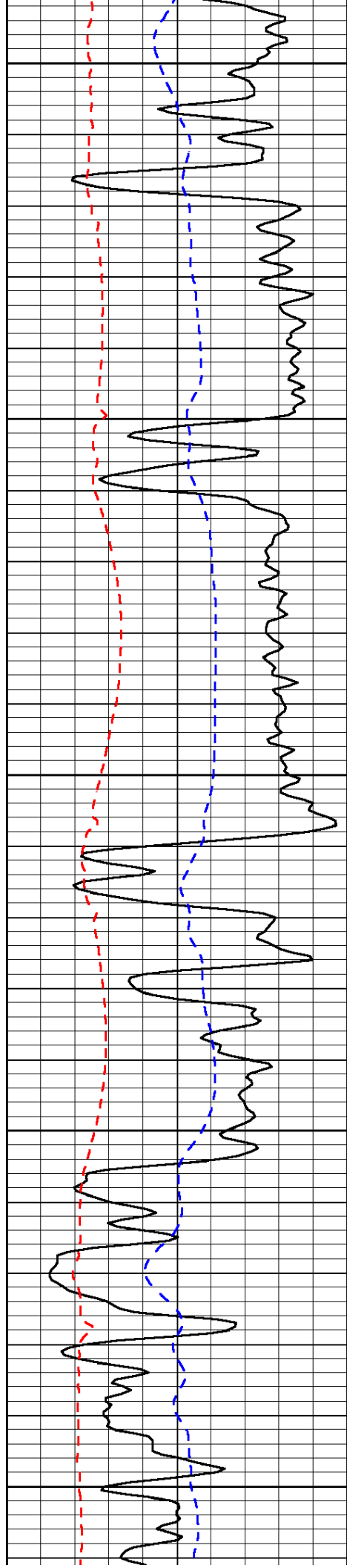


-36

-37

-36

-36



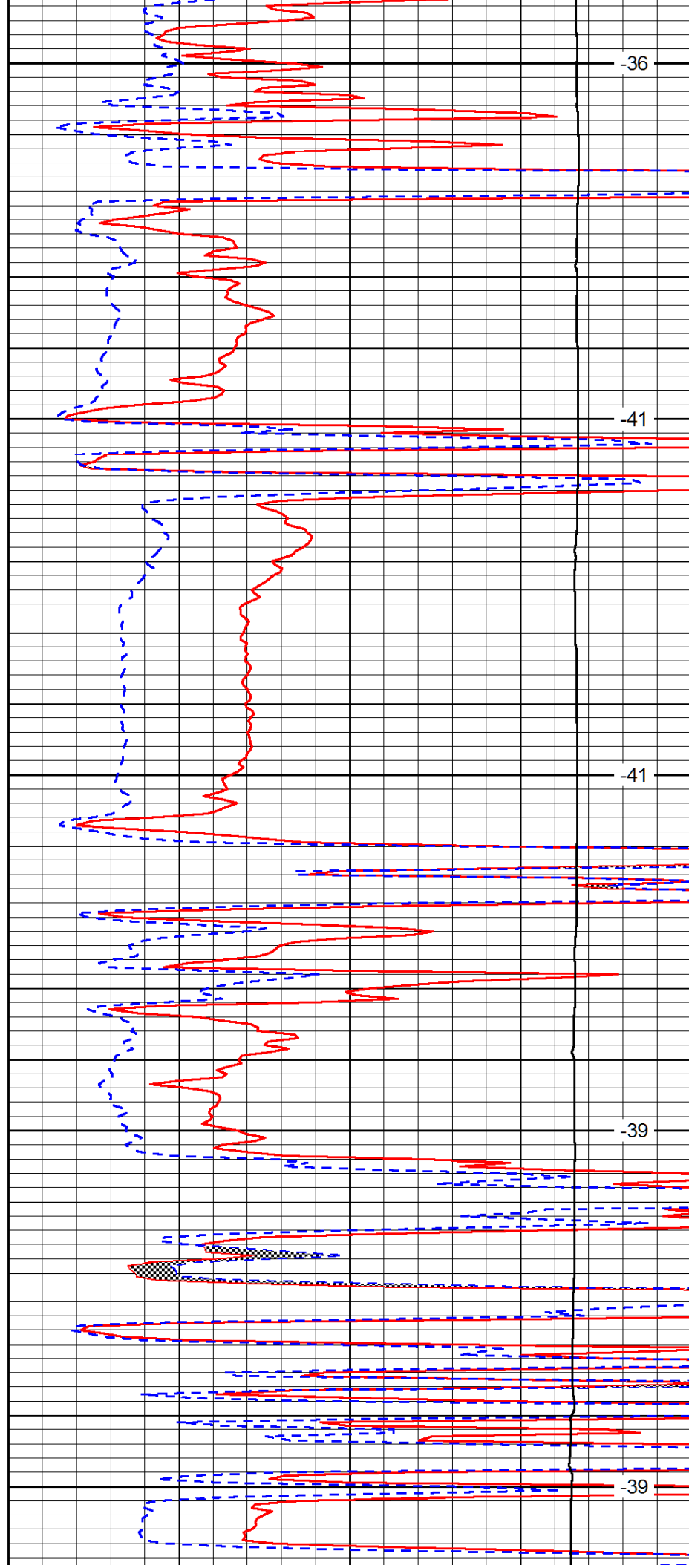
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2750

2800

2850

2900



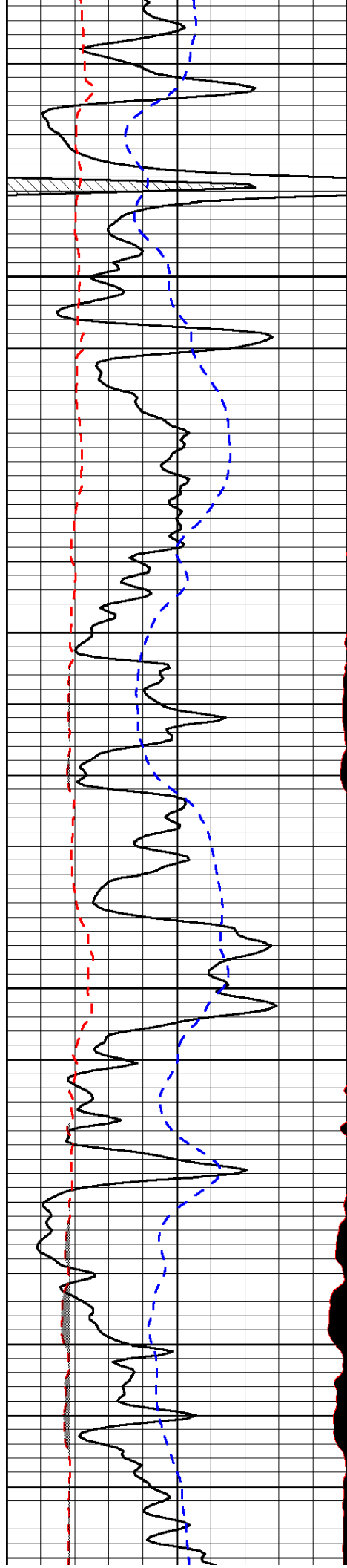
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-41

-41

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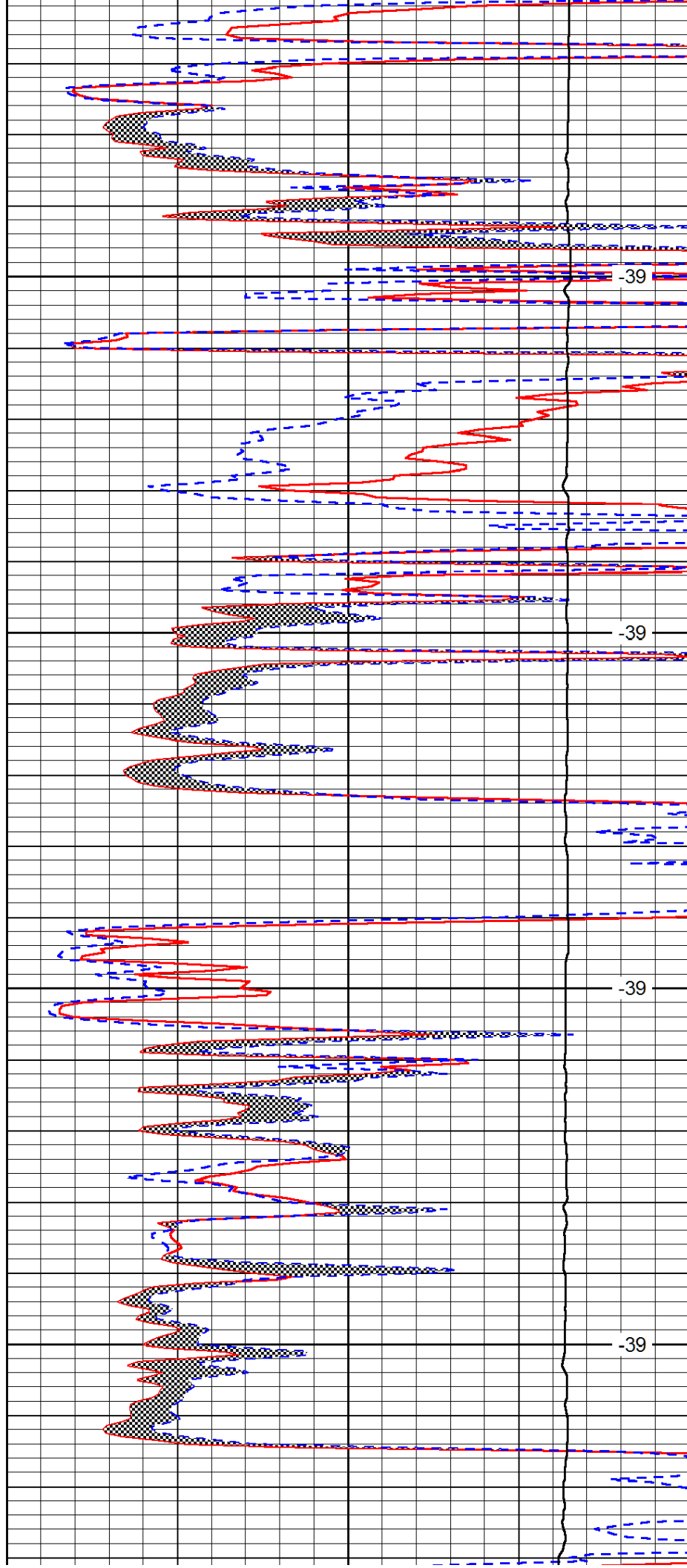


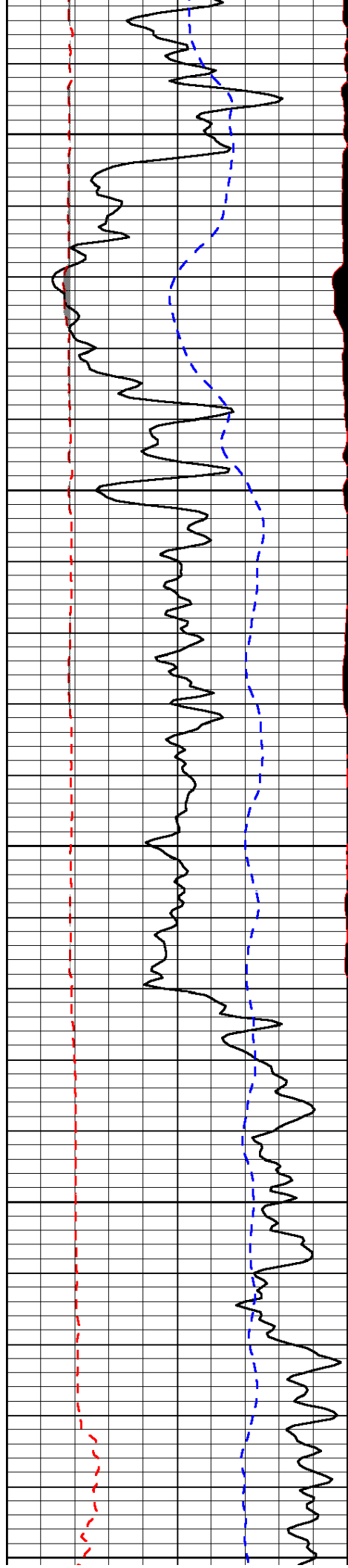
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3000

3050

3100





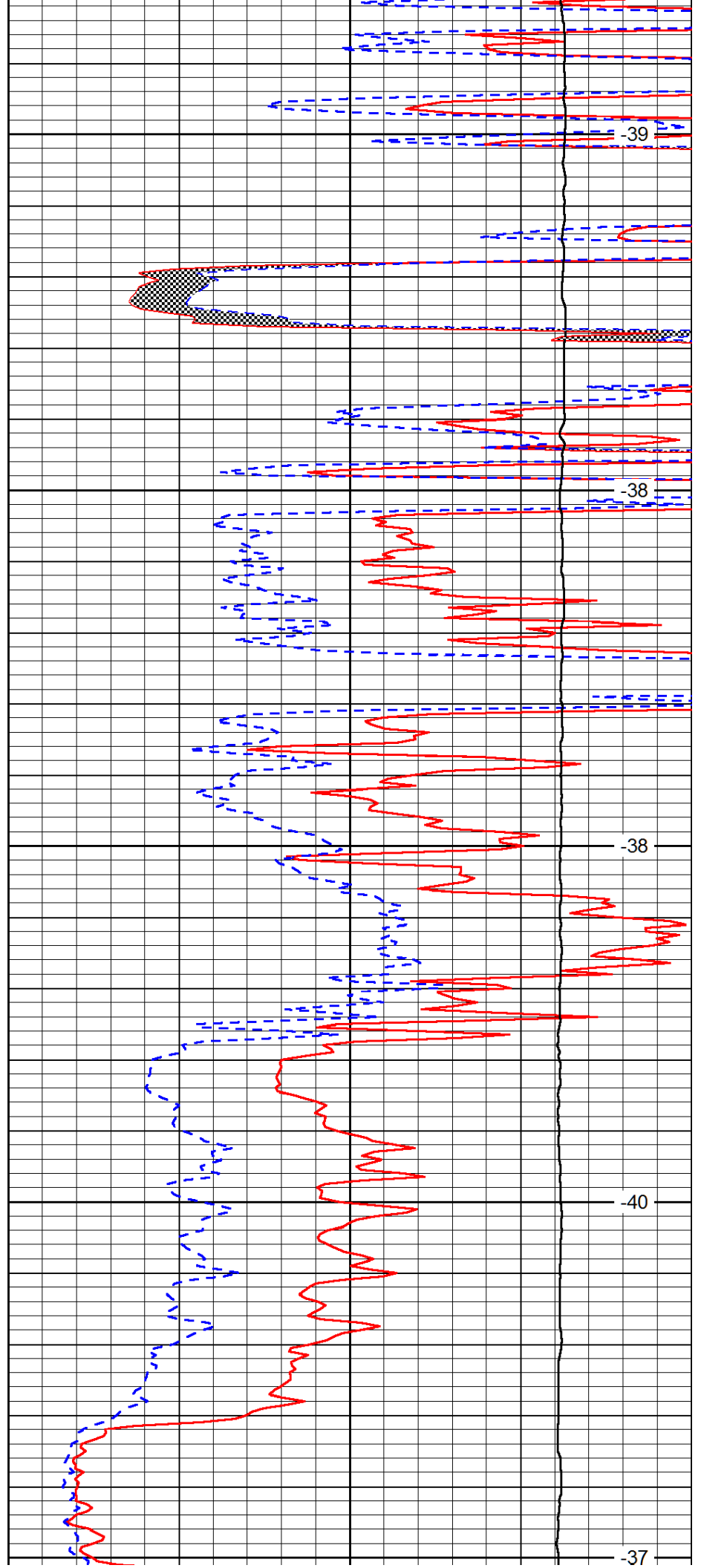
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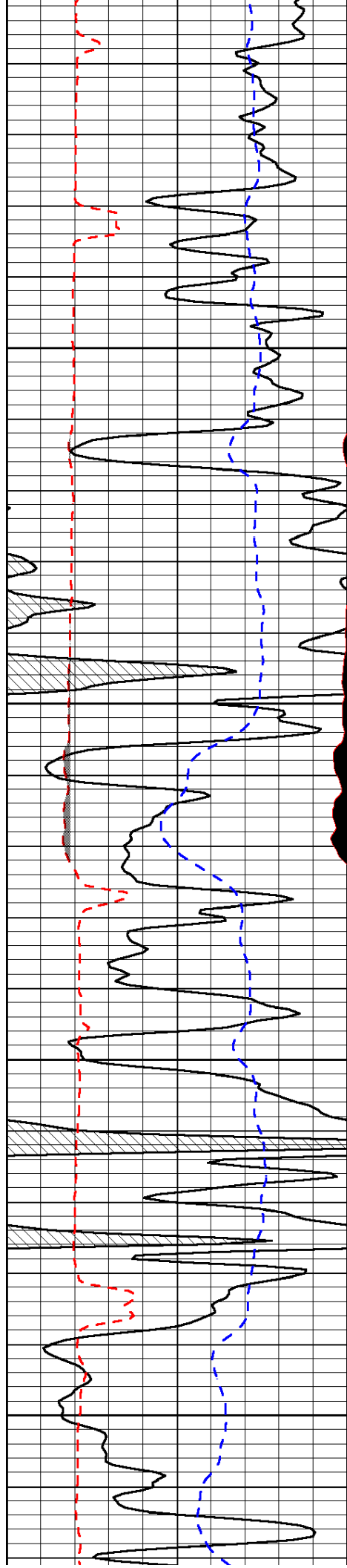
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3250

3300

3350



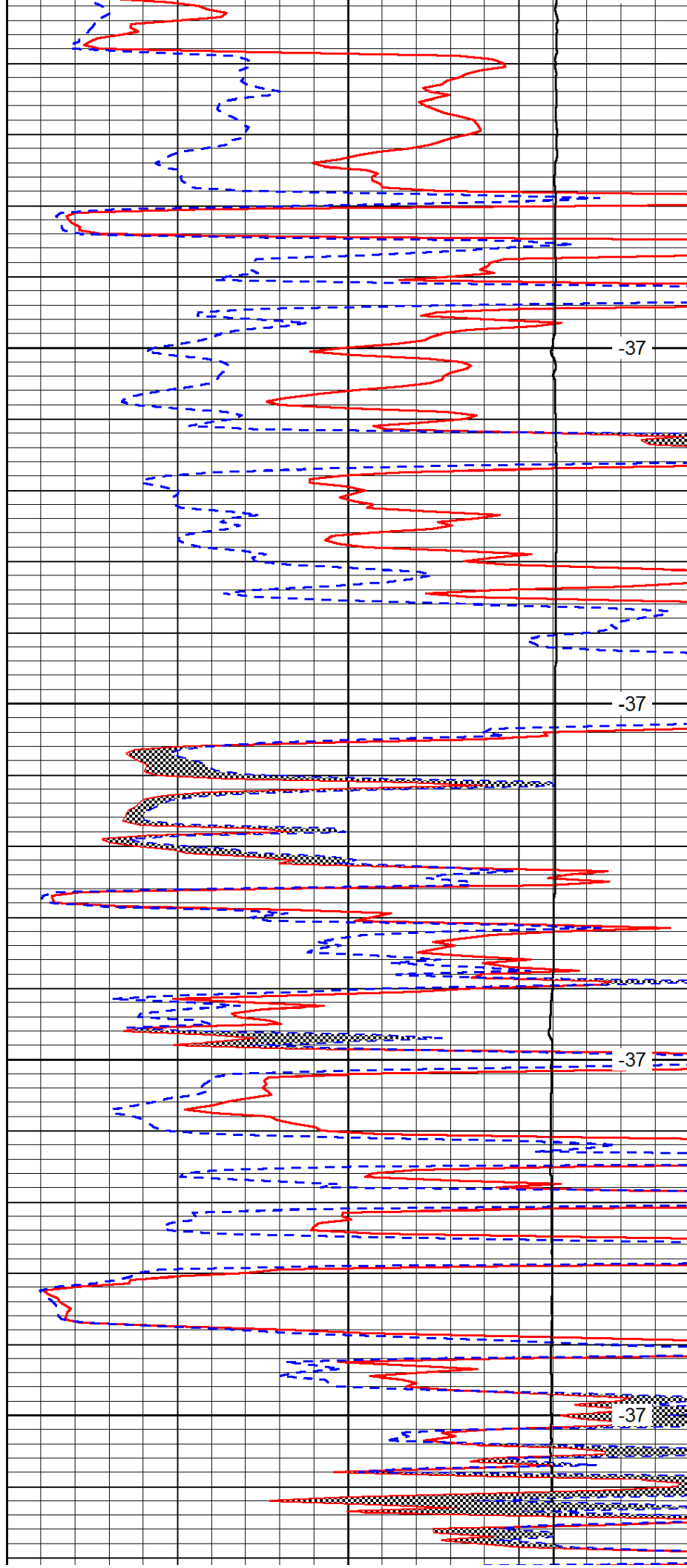


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3550

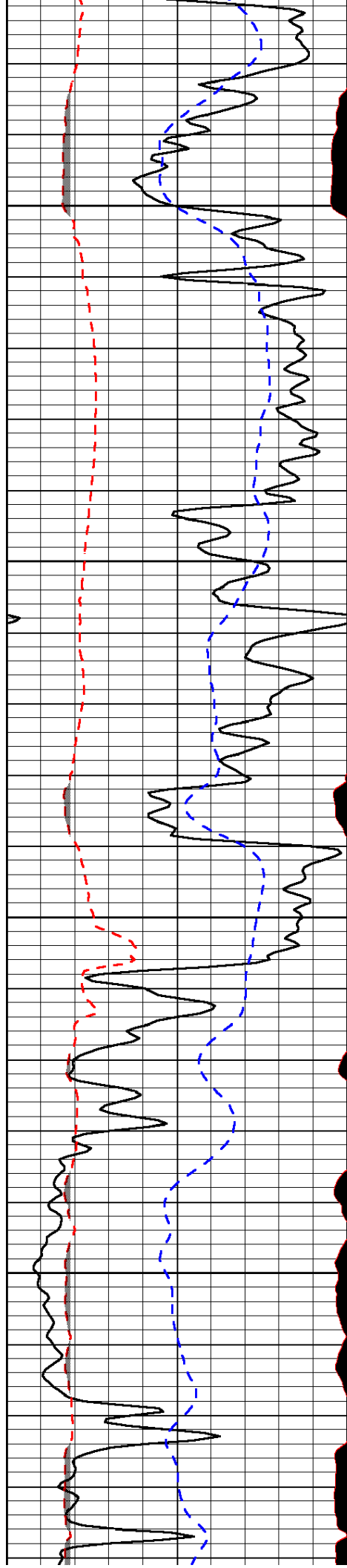


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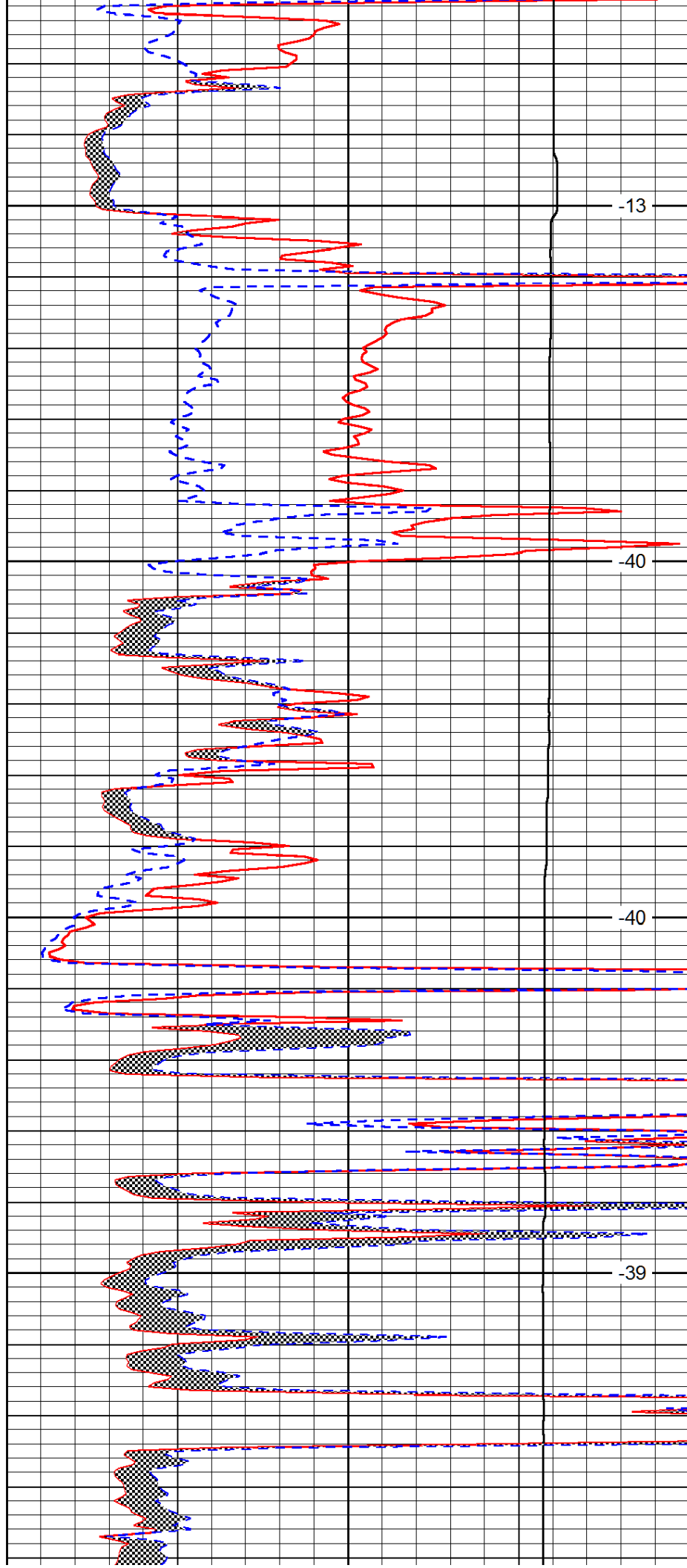


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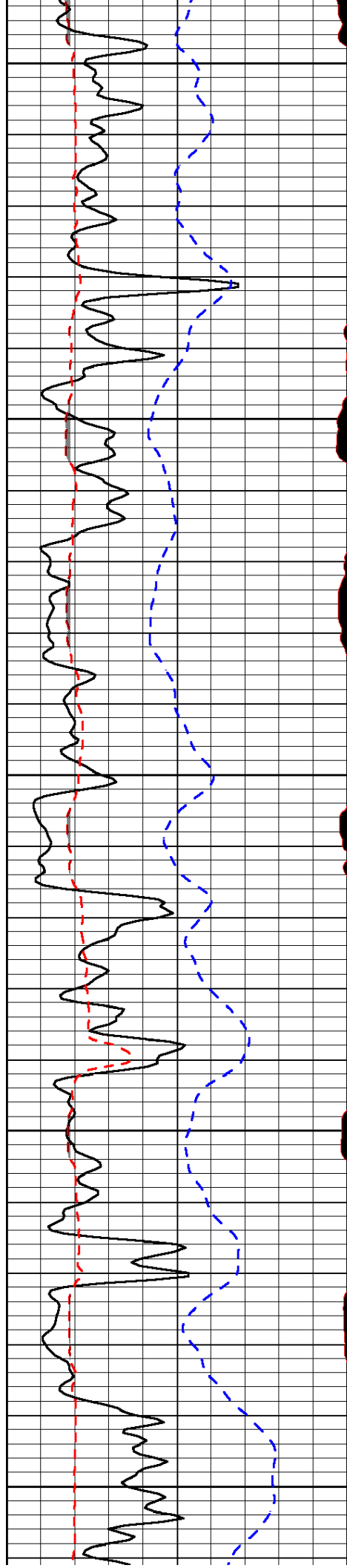


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-40

-40

-39



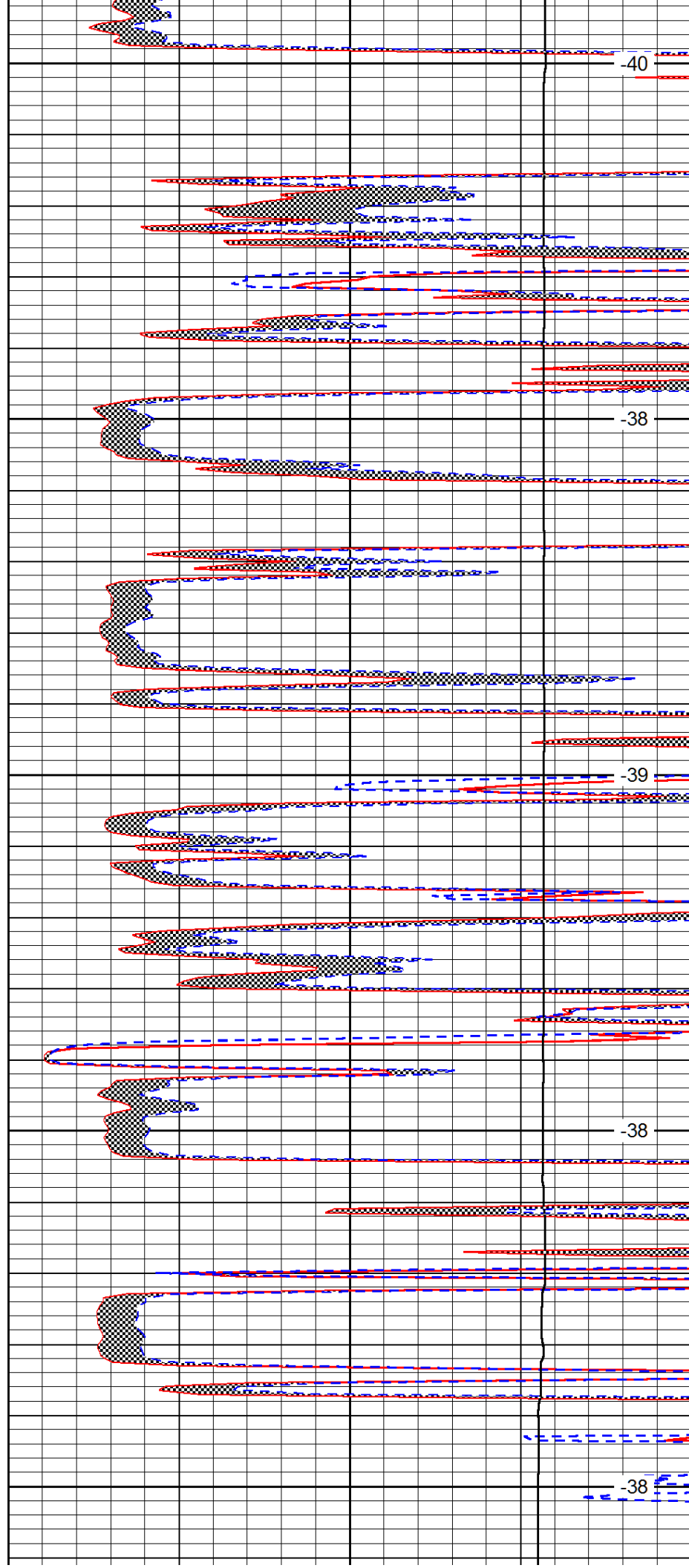
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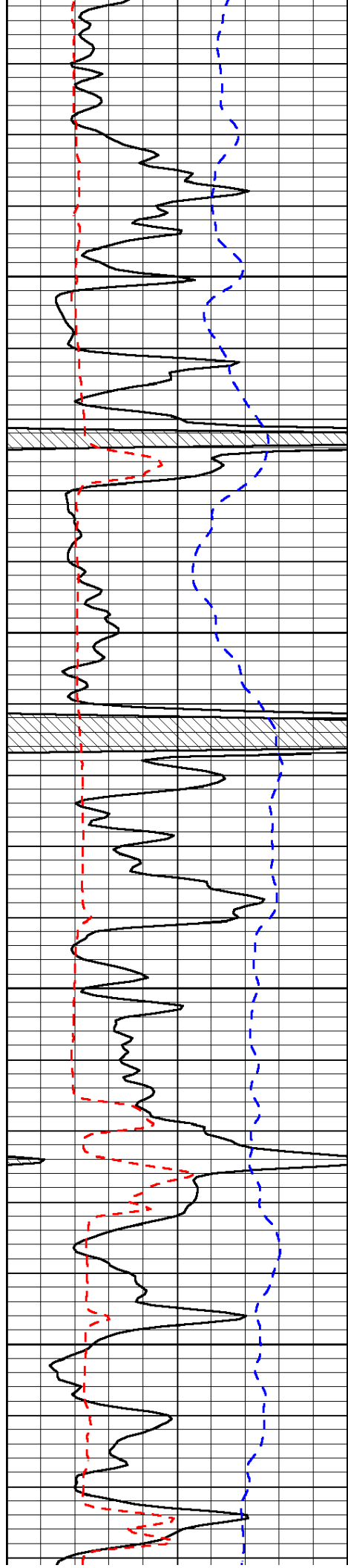
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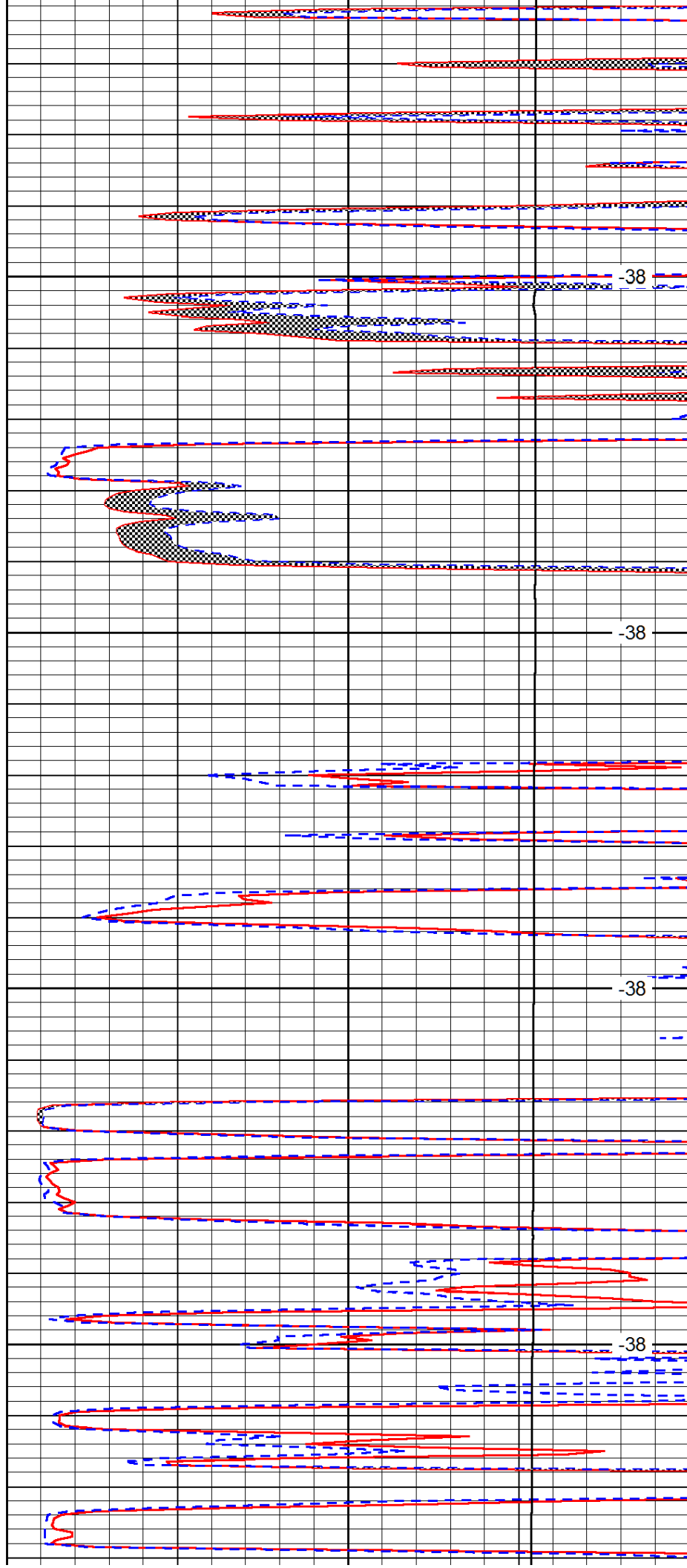


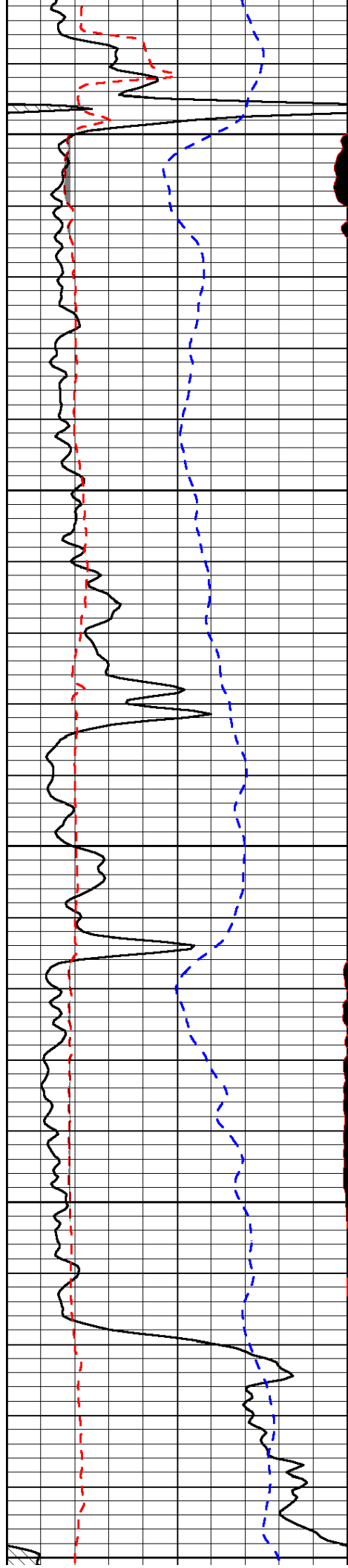
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4150

4200





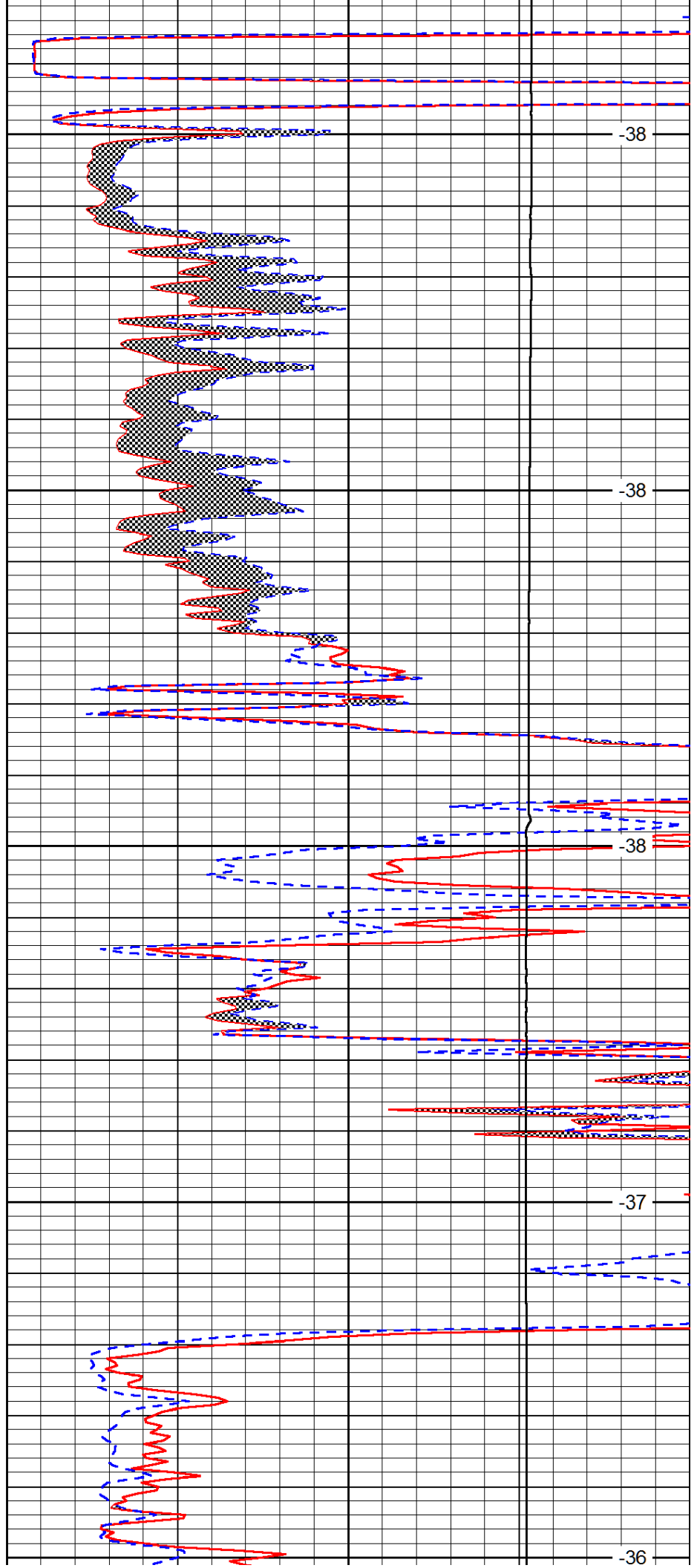
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4400

4450



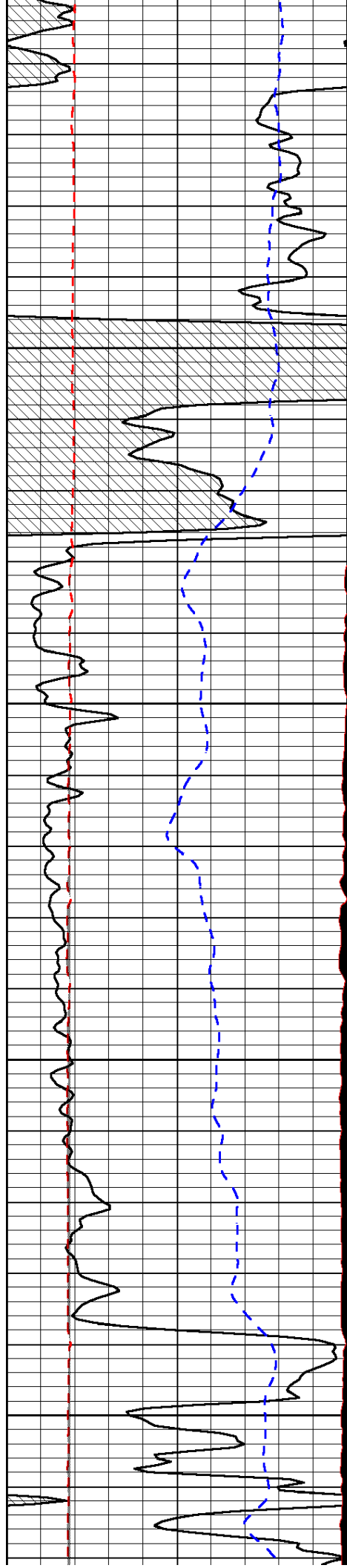
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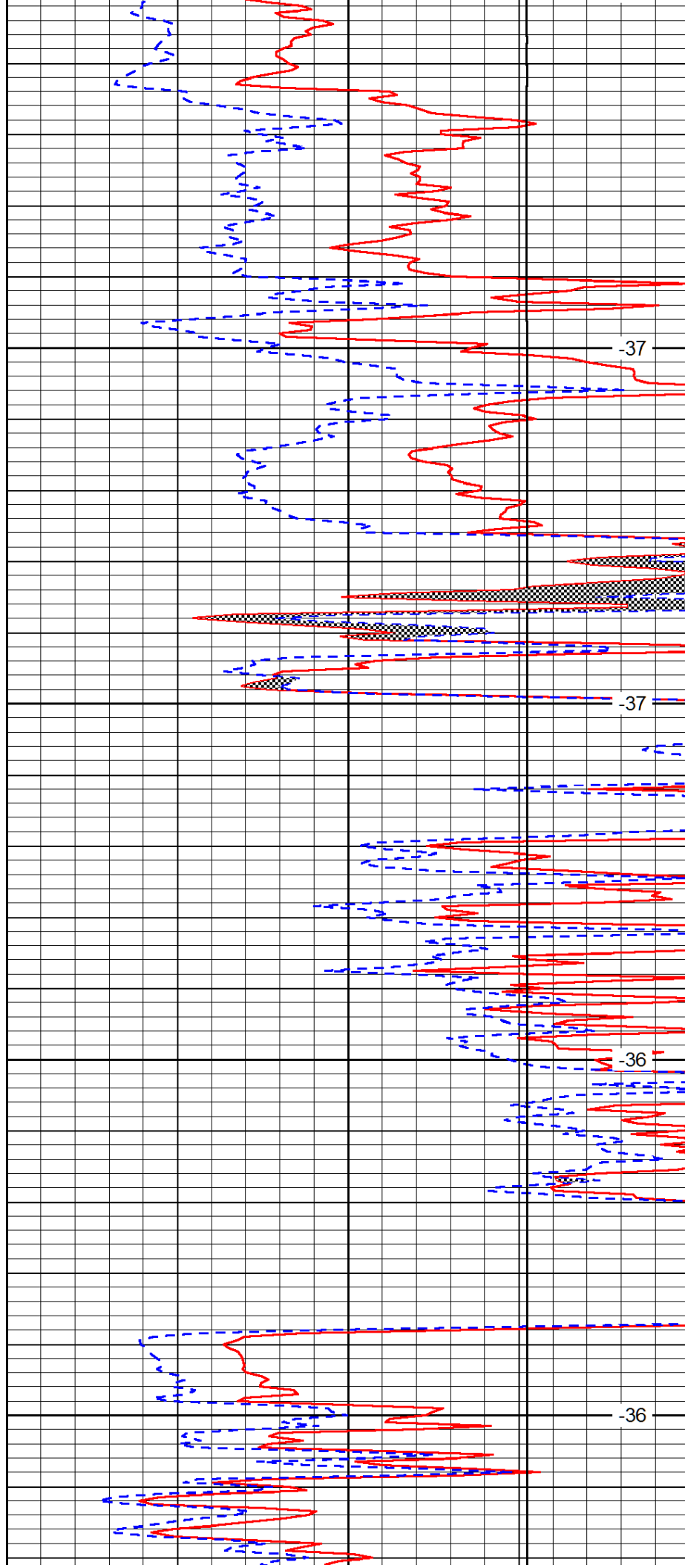


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4600

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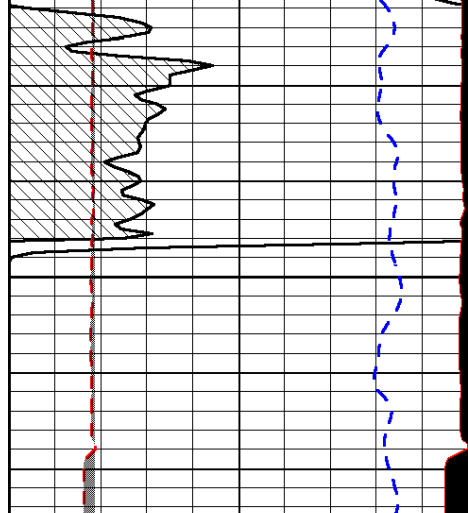


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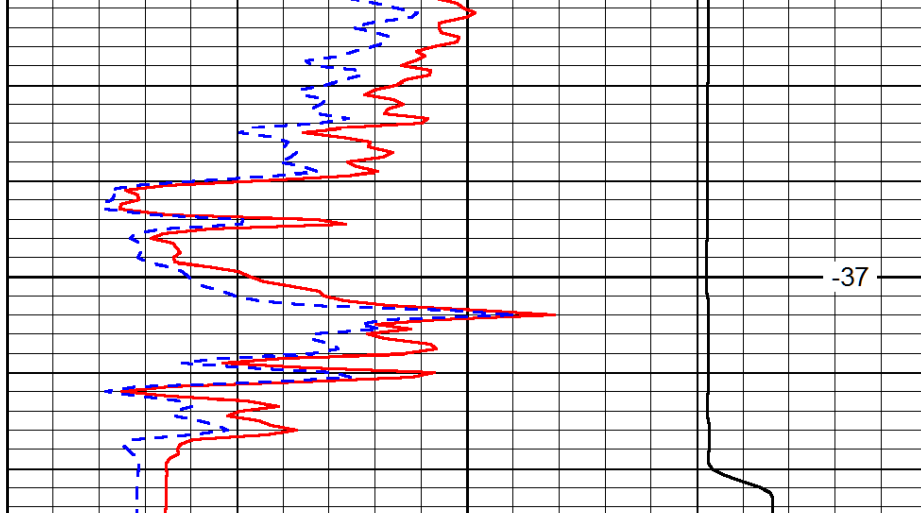
-36

-36



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