



DUAL INDUCTION LOG

CompanyAMERICAN WARRIOR, INC		Company AMERICAN WARRIOR, INC	
Well	MEYERS #3-9	Well	MEYERS #3-9
Field	KISMET	Field	KISMET
County	SEWARD	County	SEWARD
State	KANSAS	State	KANSAS
Location:		API # : 15-175-22239-00-00	Other Services
SEC 9 TWP 33S RGE 31W		CDL/CNL MEL/BHCS	
Permanent Datum	GROUND LEVEL	Elevation	2779'
Log Measured From	KELLY BUSHING	K.B.	2790'
Drilling Measured From	KELLY BUSHING	D.F.	N/A
		G.L.	2779'
Date	JULY 15, 2015		
Run Number	ONE		
Depth Driller	6150'		
Depth Logger	6150'		
Bottom Logged Interval	6149'		
Top Log Interval	1650'		
Casing Driller	8.625" @ 1695'		
Casing Logger	1698'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	2100		
Density / Viscosity	9.3 52		
pH / Fluid Loss	9.5 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.61 @ 73 F		
Rmt @ Meas. Temp	1.21 @ 73 F		
Rmc @ Meas. Temp	2.01 @ 73 F		
Source of Rmt / Rmc	Charts		
Rm @ BHT	0.89 @ 132 F		
Operating Rig Time	5.5 HOURS		
Max Rec. Temp. F	132 F		
Equipment Number	108		
Location	Hays		
Recorded By	CLINT CHRISTENSEN	MIKE GARCIA	DANIEL SCHMIDT
Witnessed By	LUKE THOMPSON		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

KISMET, KS:
1 1/2 SW, N INTO

Log Measured From: KELLY BUSHING 11 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

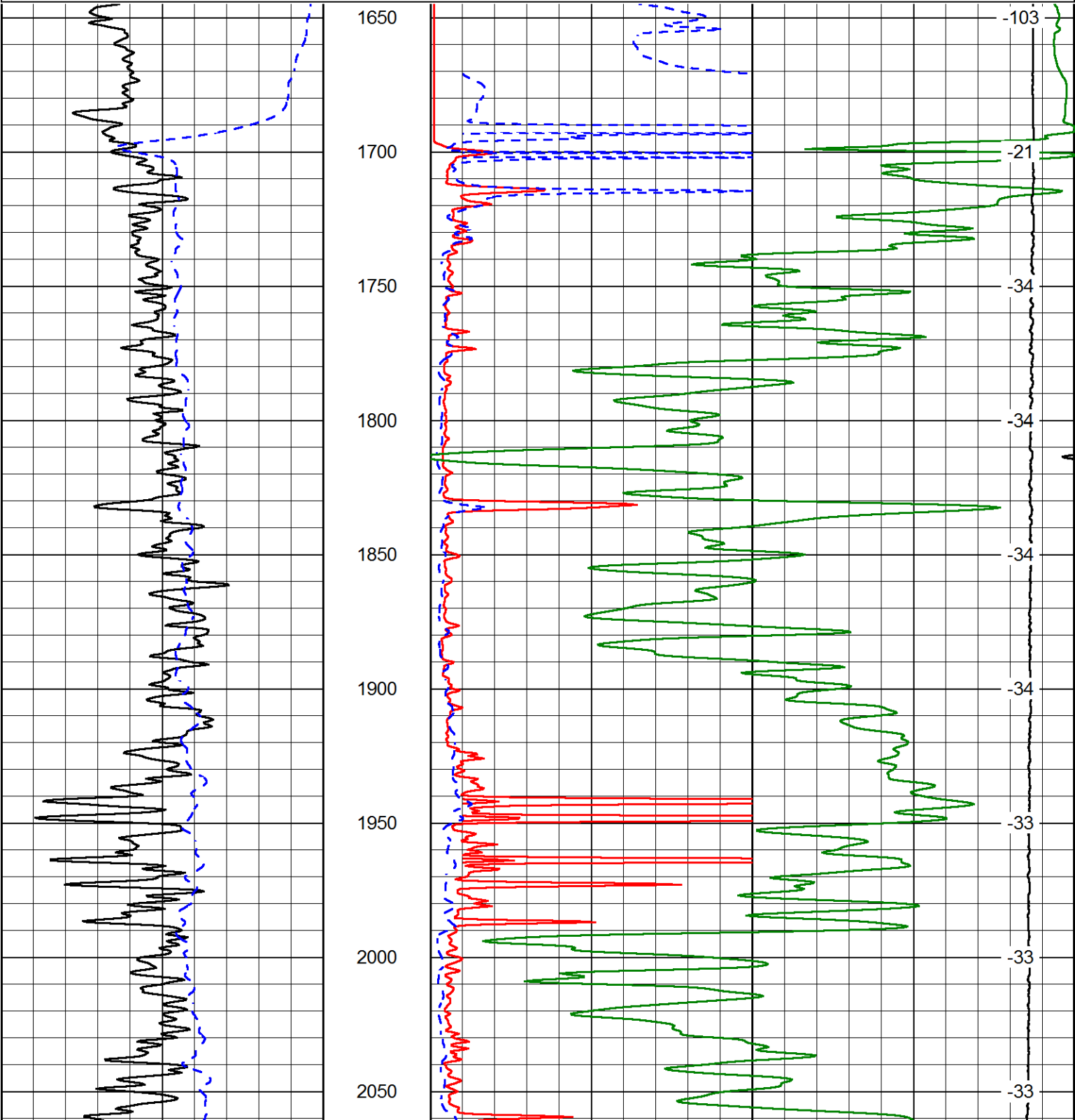
Your Pioneer Energy Services Crew

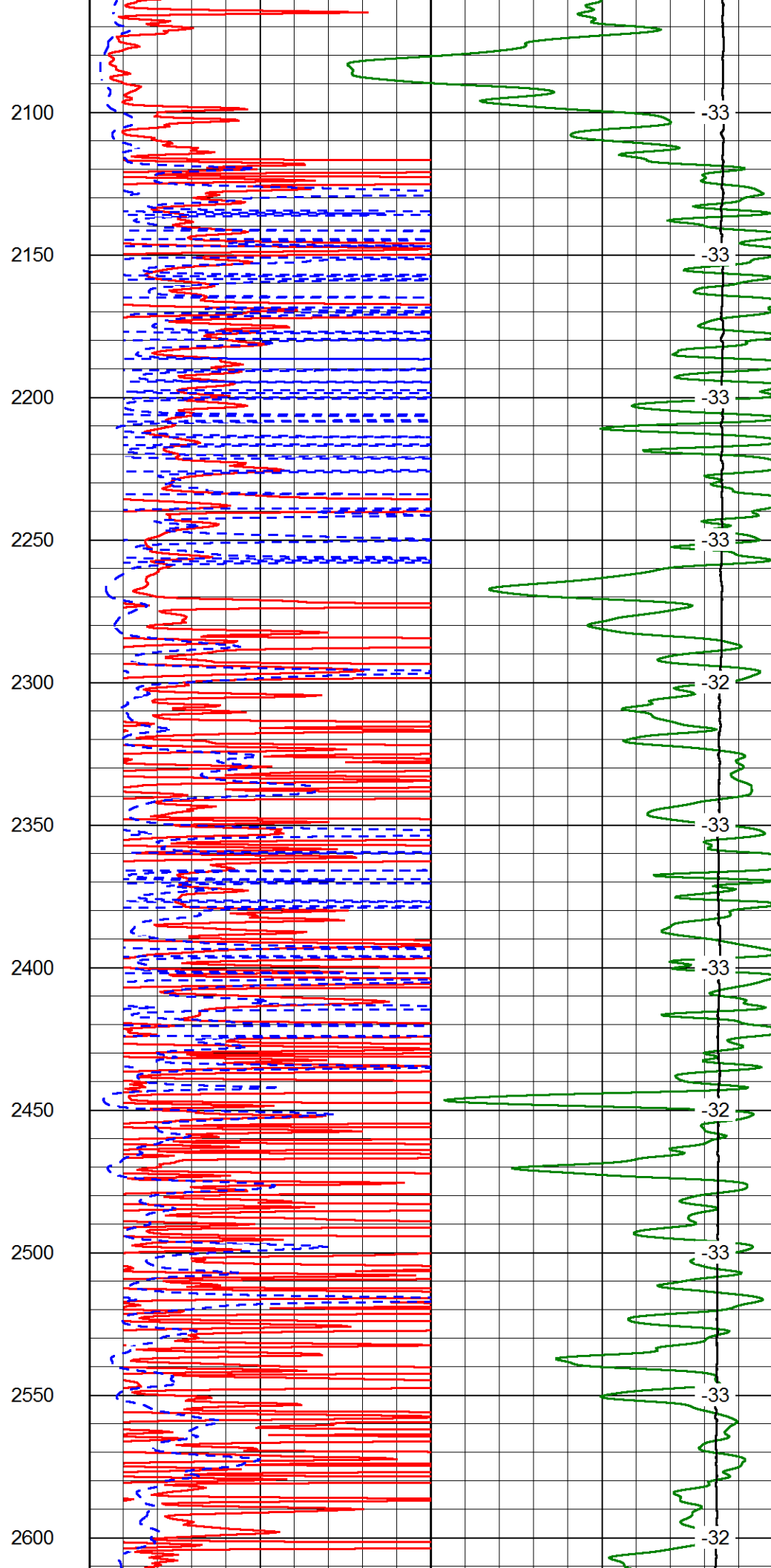
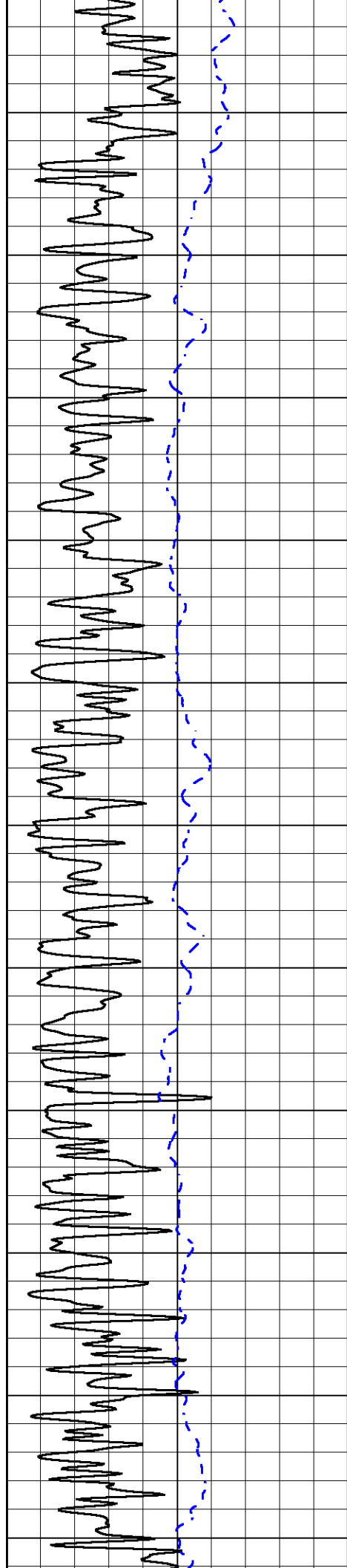
Engineer: CLINT CHRISTENSEN
Operator: MIKE GARCIA
Operator: DANIEL SCHMIDT
Operator:

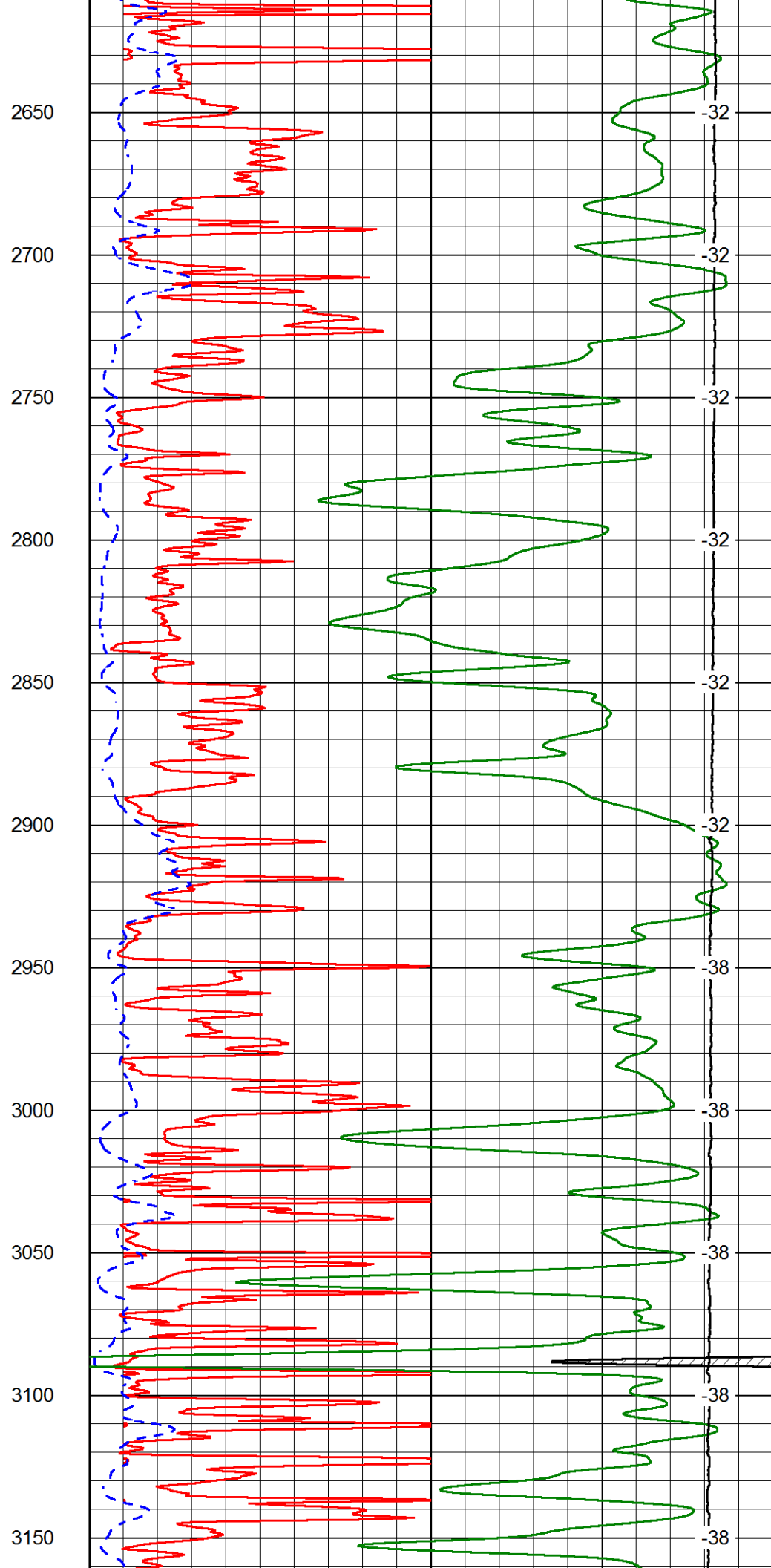
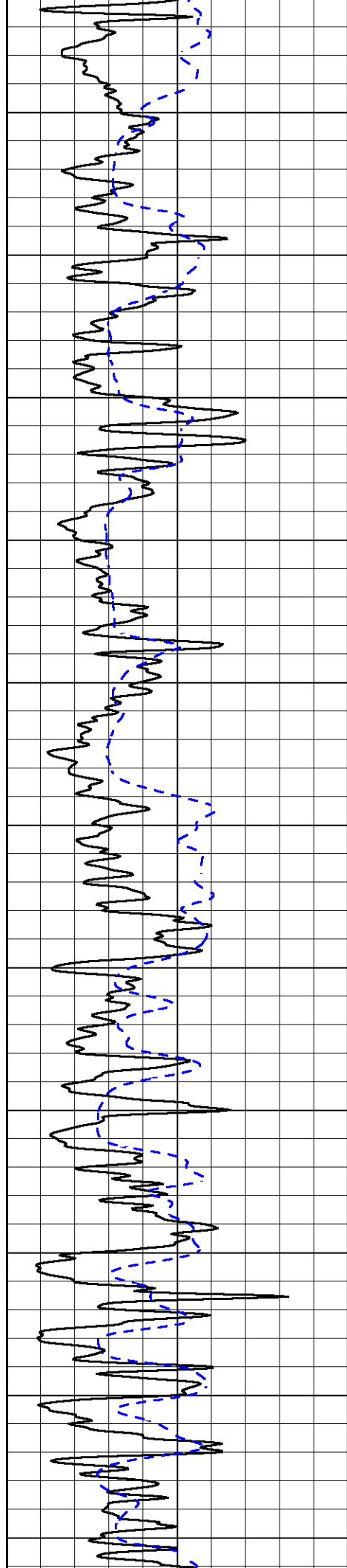
This Log Record Was Witnessed By

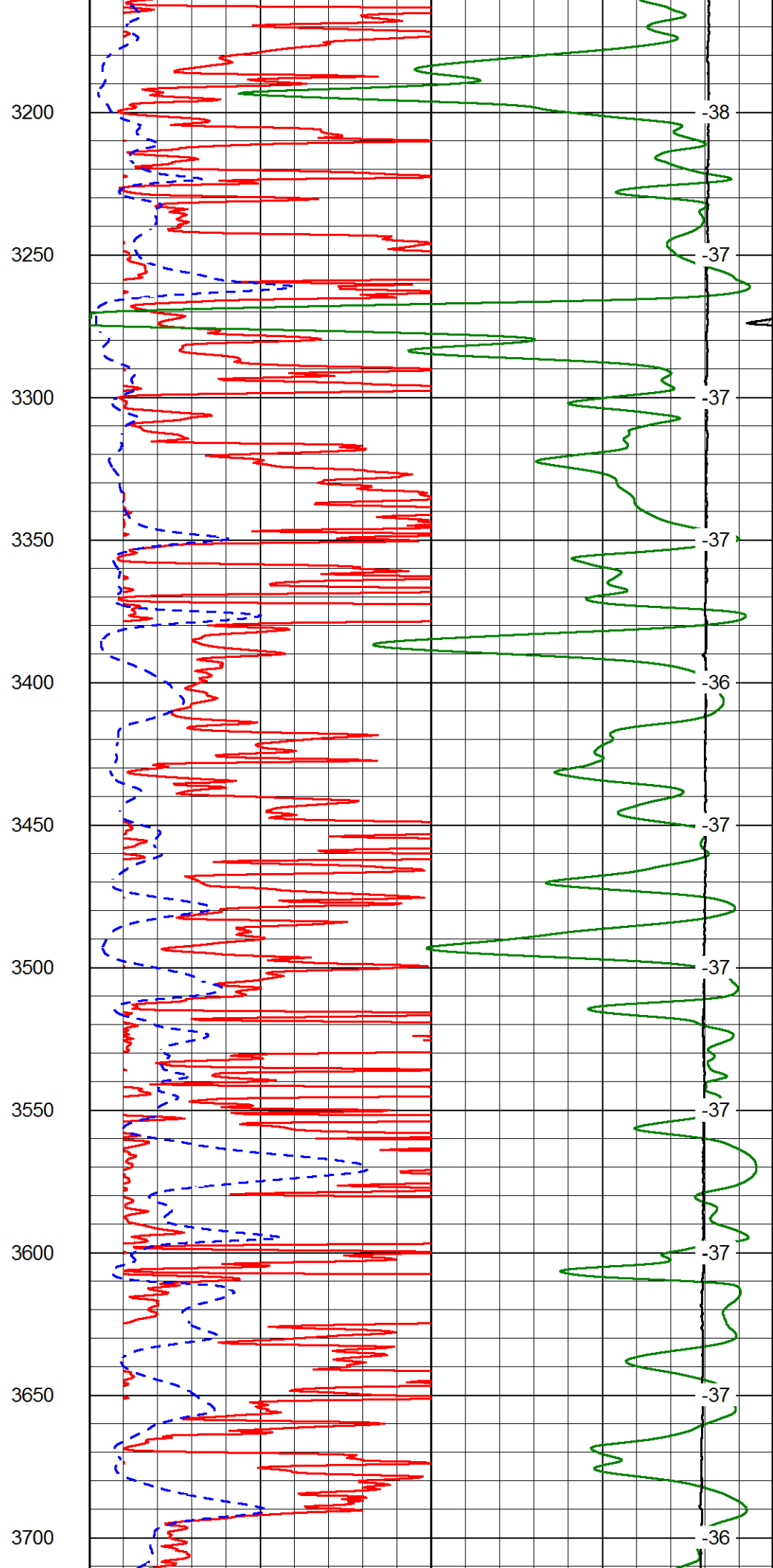
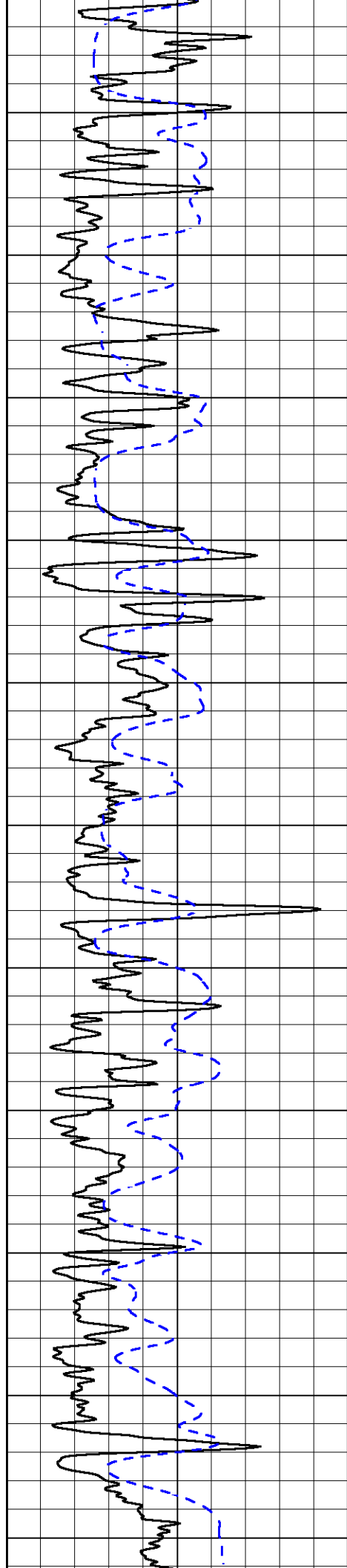
Primary Witness: LUKE THOMPSON
Secondary Witness:
Secondary Witness:
Secondary Witness:

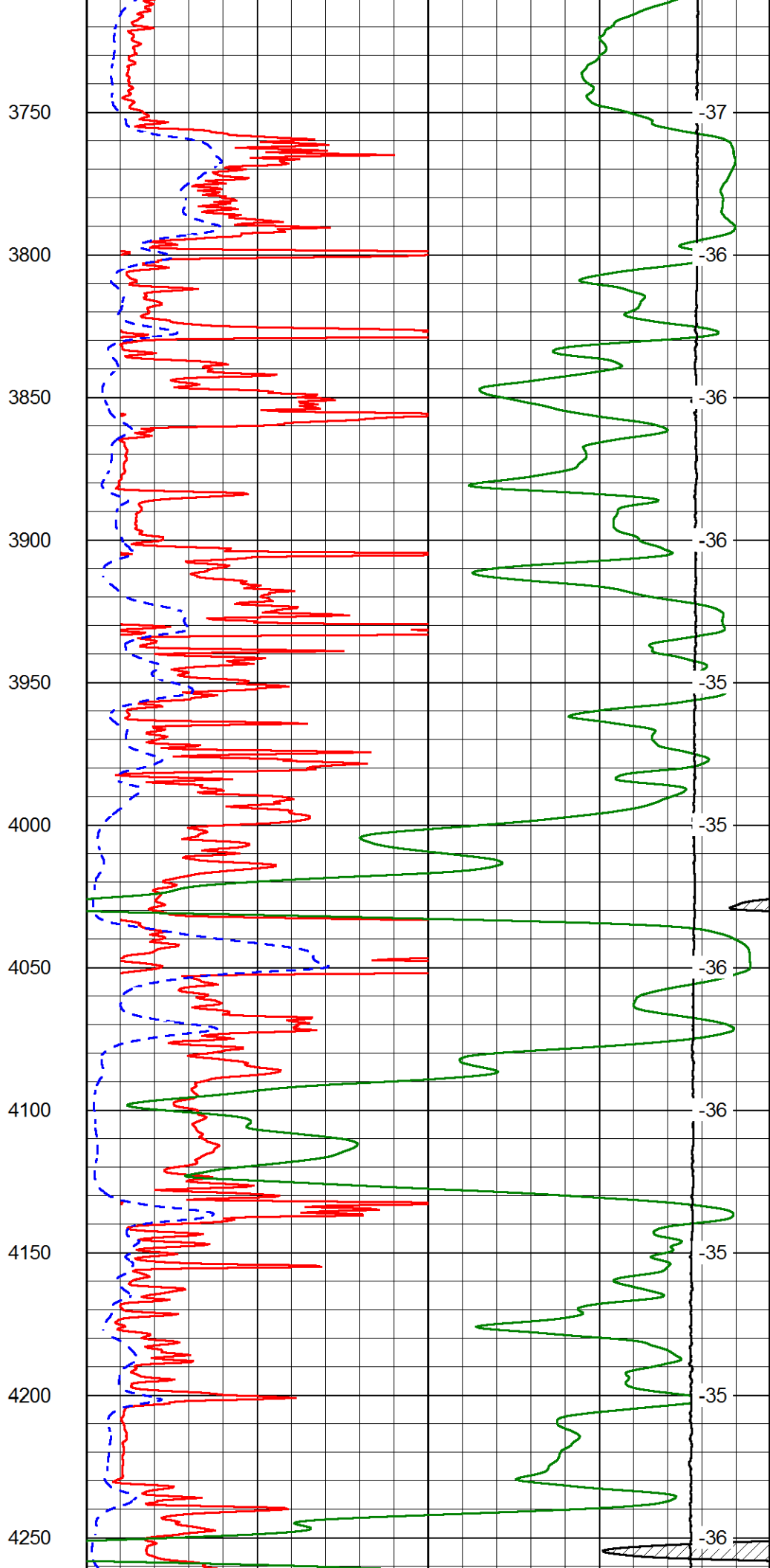
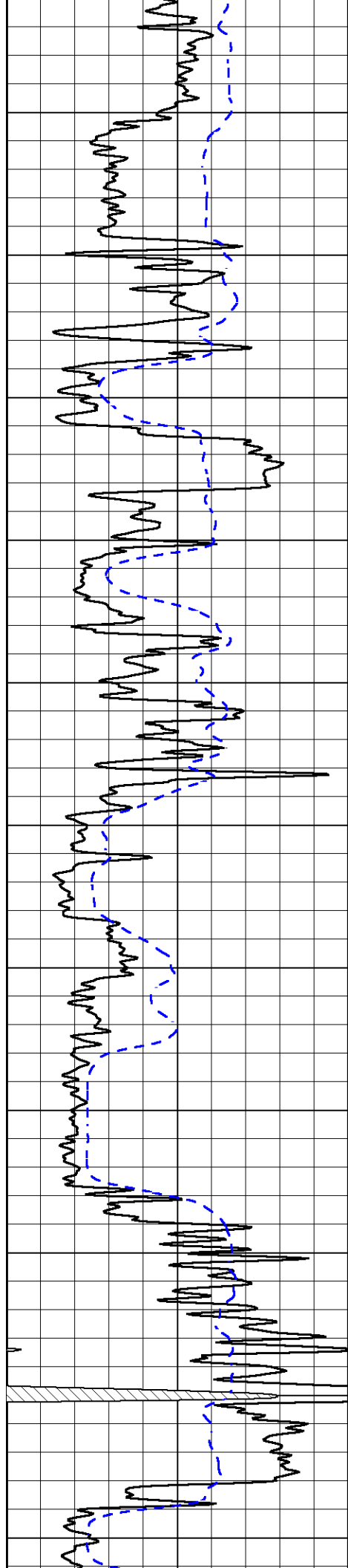
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-200	SP (mV)	0	15000	Line Tension (lb)	0
			0	Shallow Resistivity (Ohm-m)	50
			0	Deep Resistivity (Ohm-m)	50
			Shallow Resistivity		LSPD
			(Ohm-m)		(ft/min)
			50	500	
			50	Deep Resistivity (Ohm-m)	500

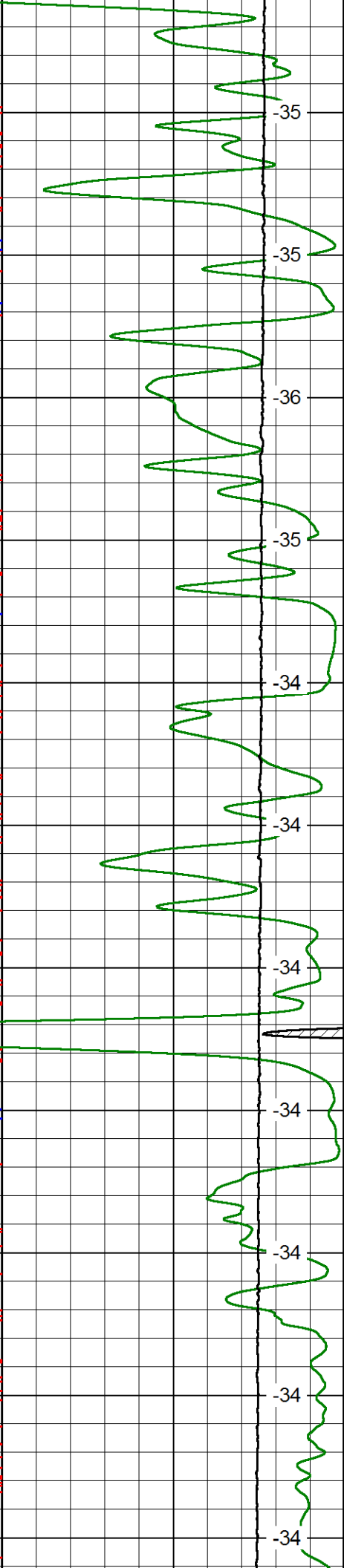
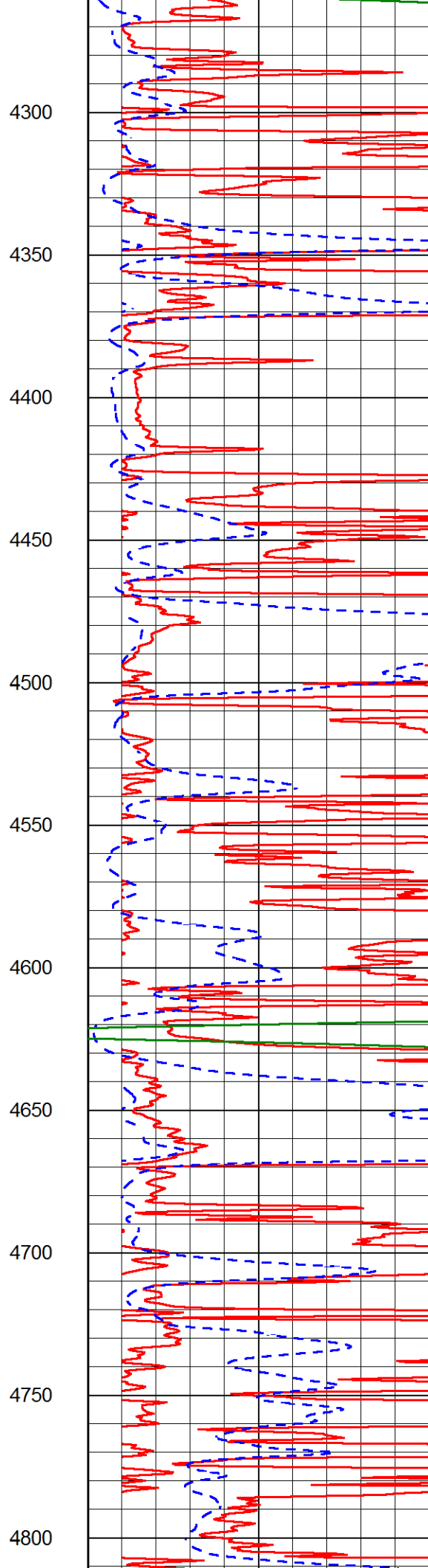
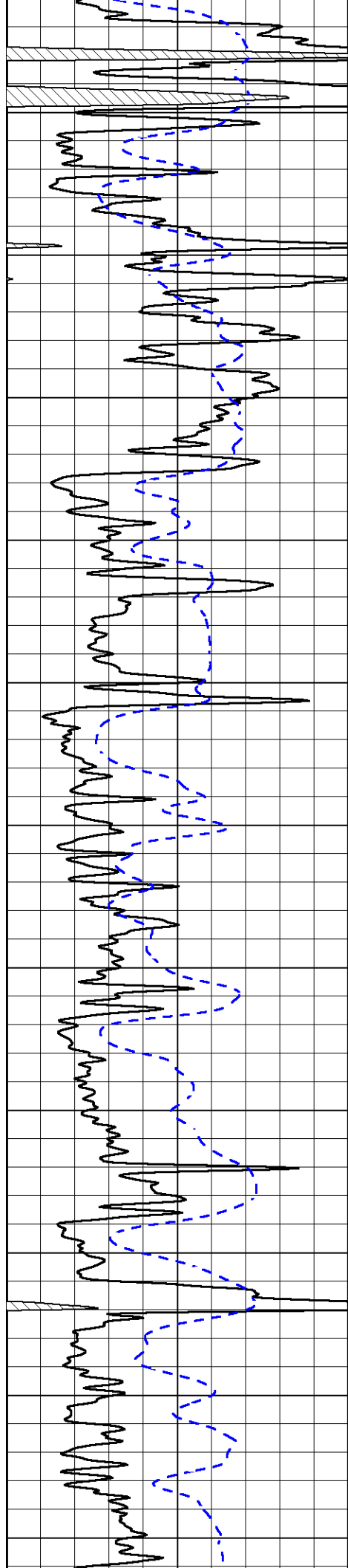


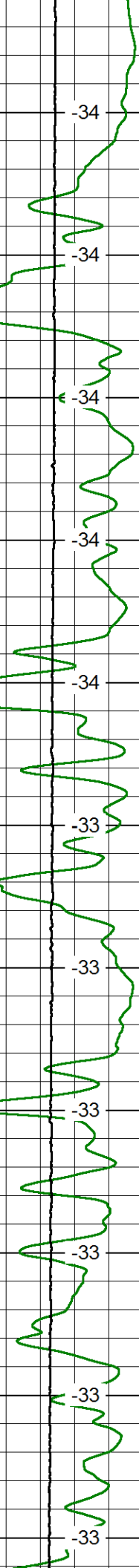
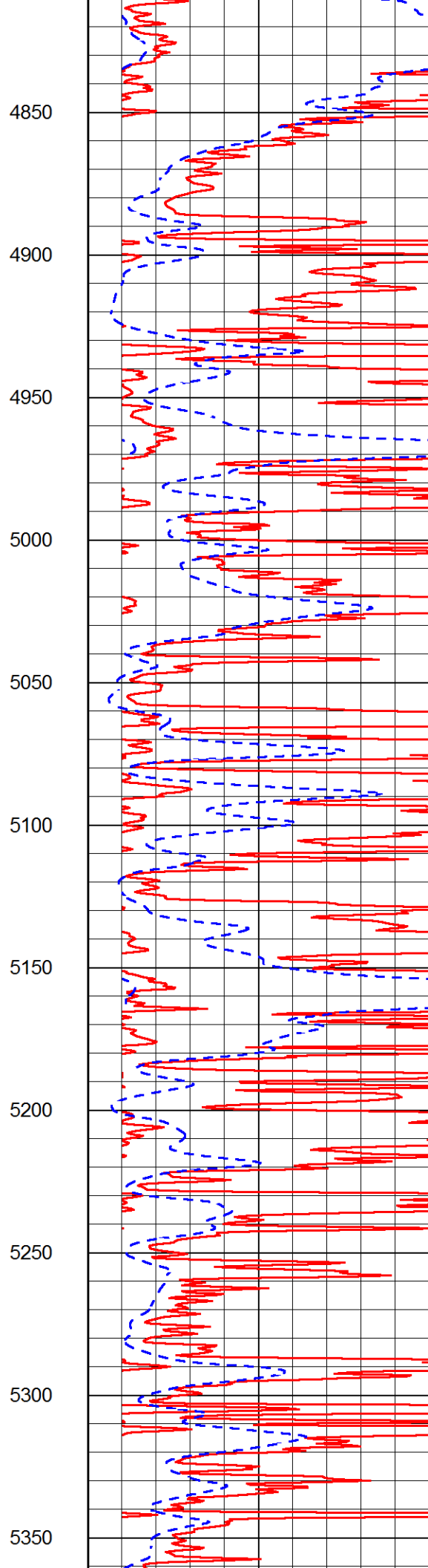
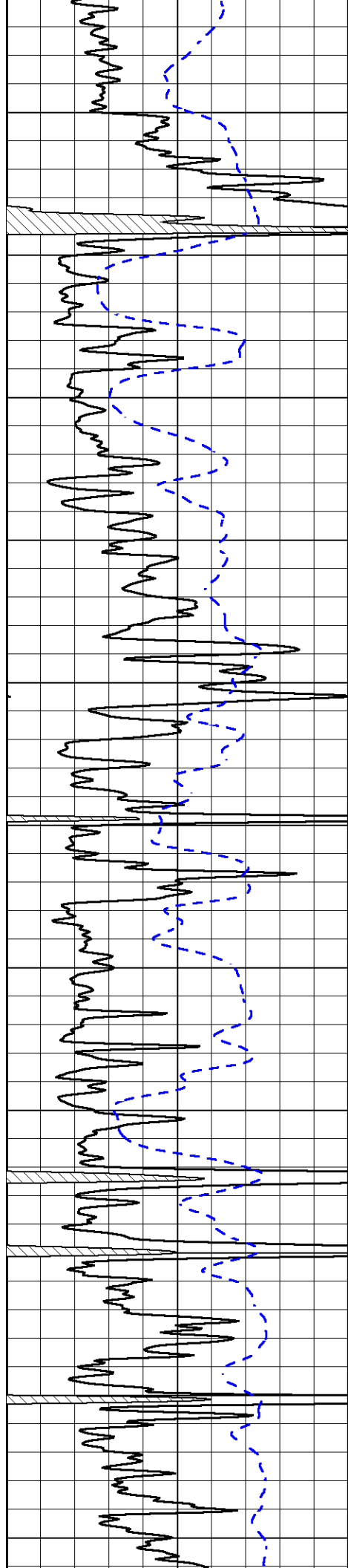


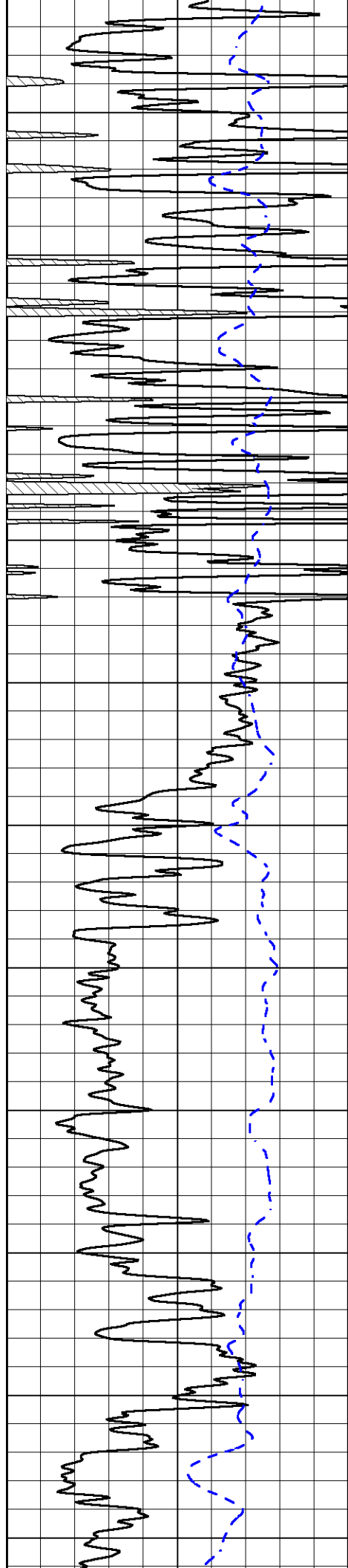












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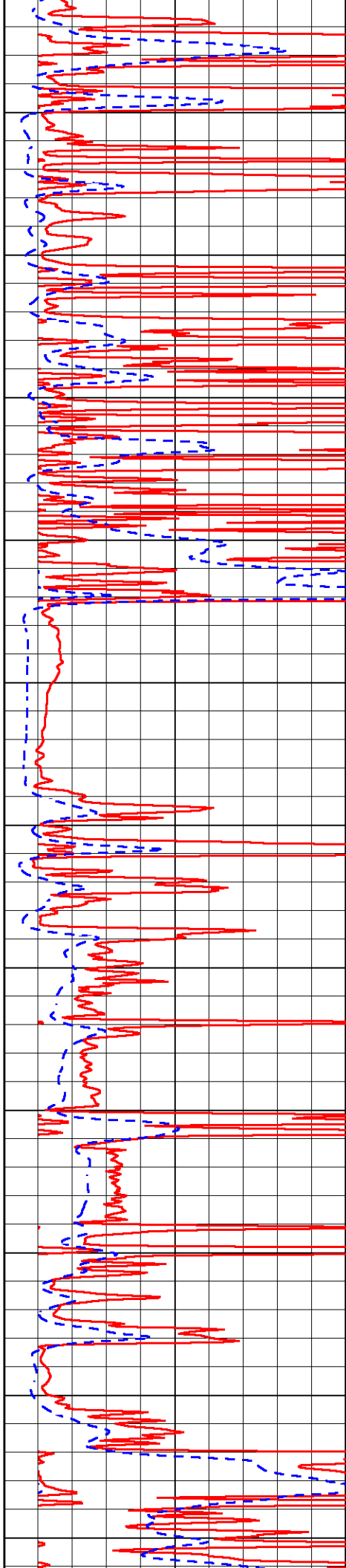
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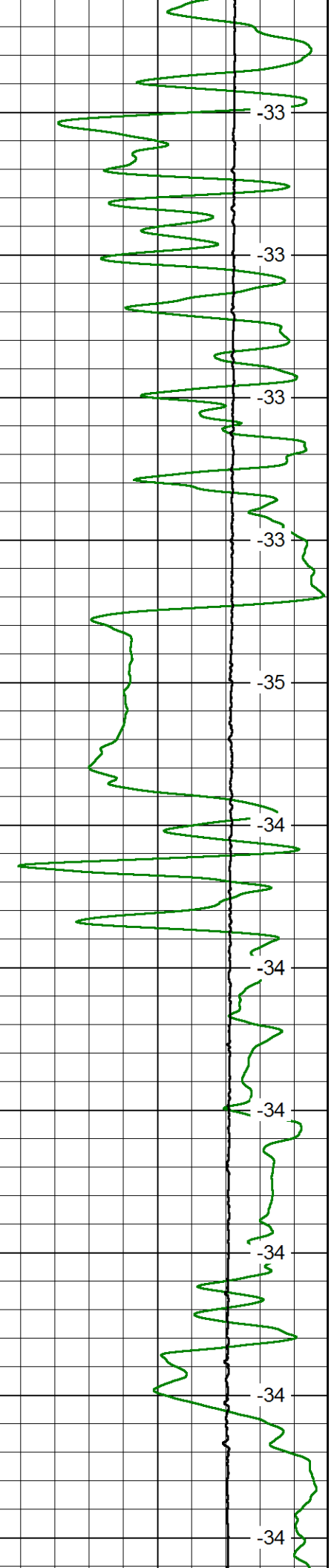
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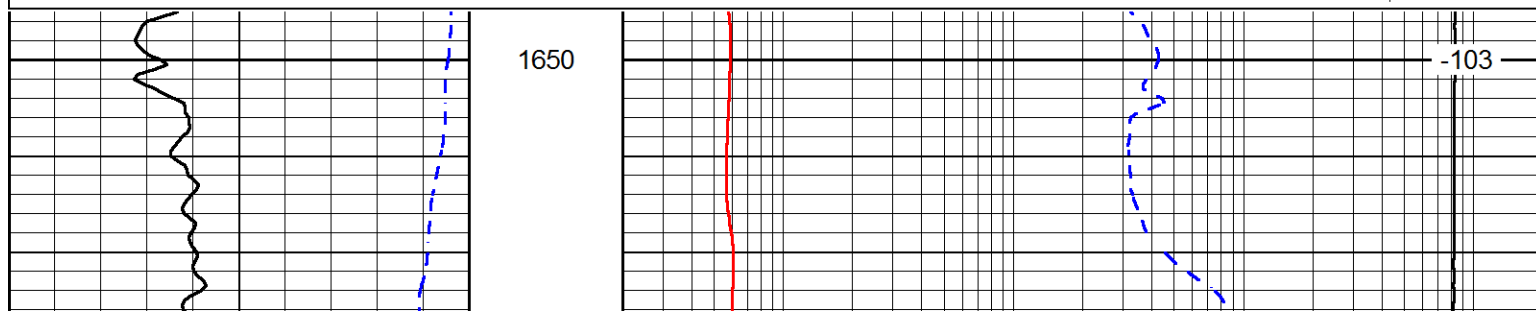
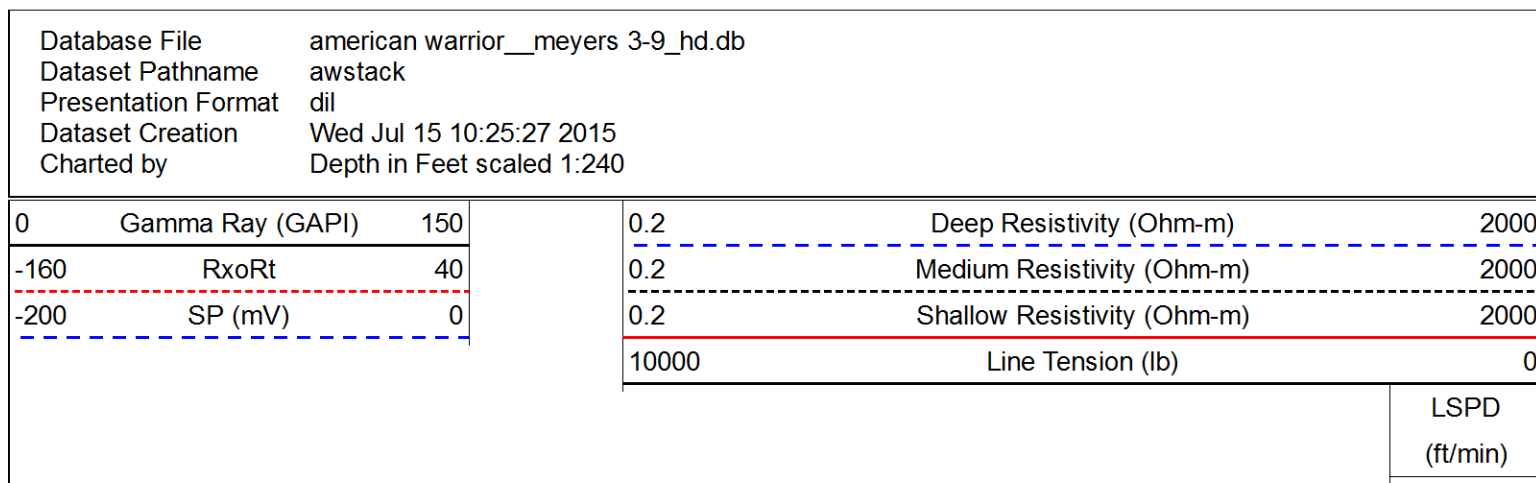
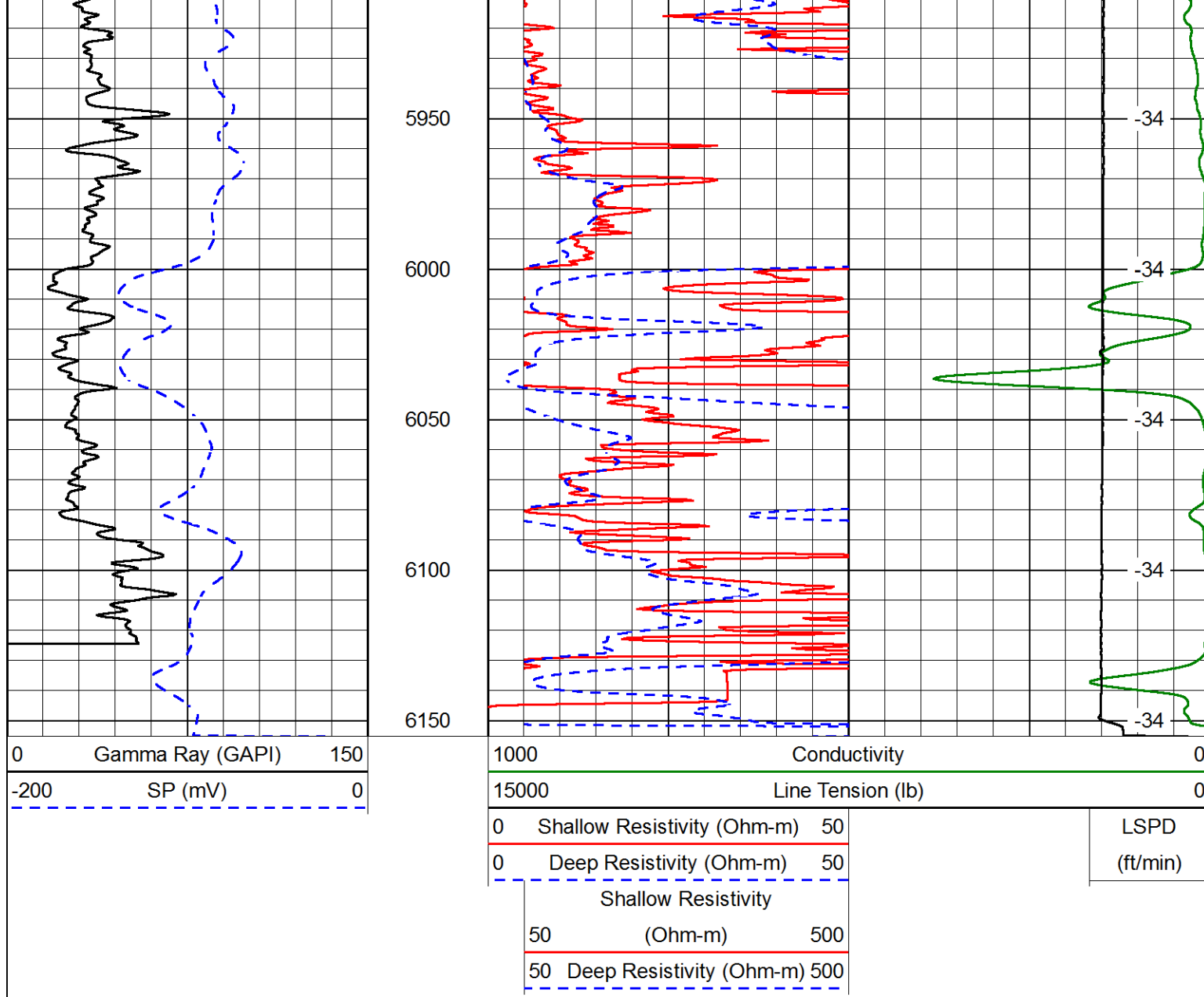
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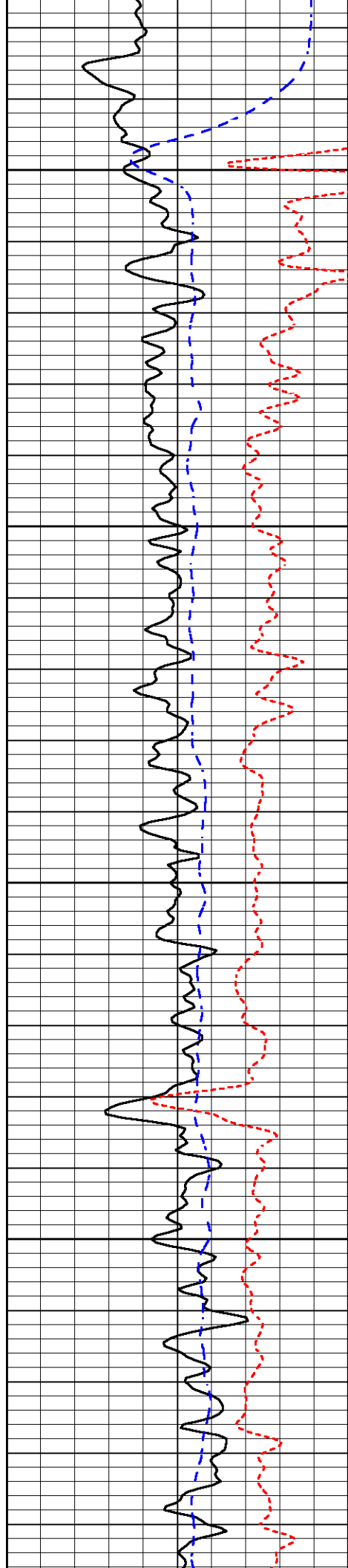
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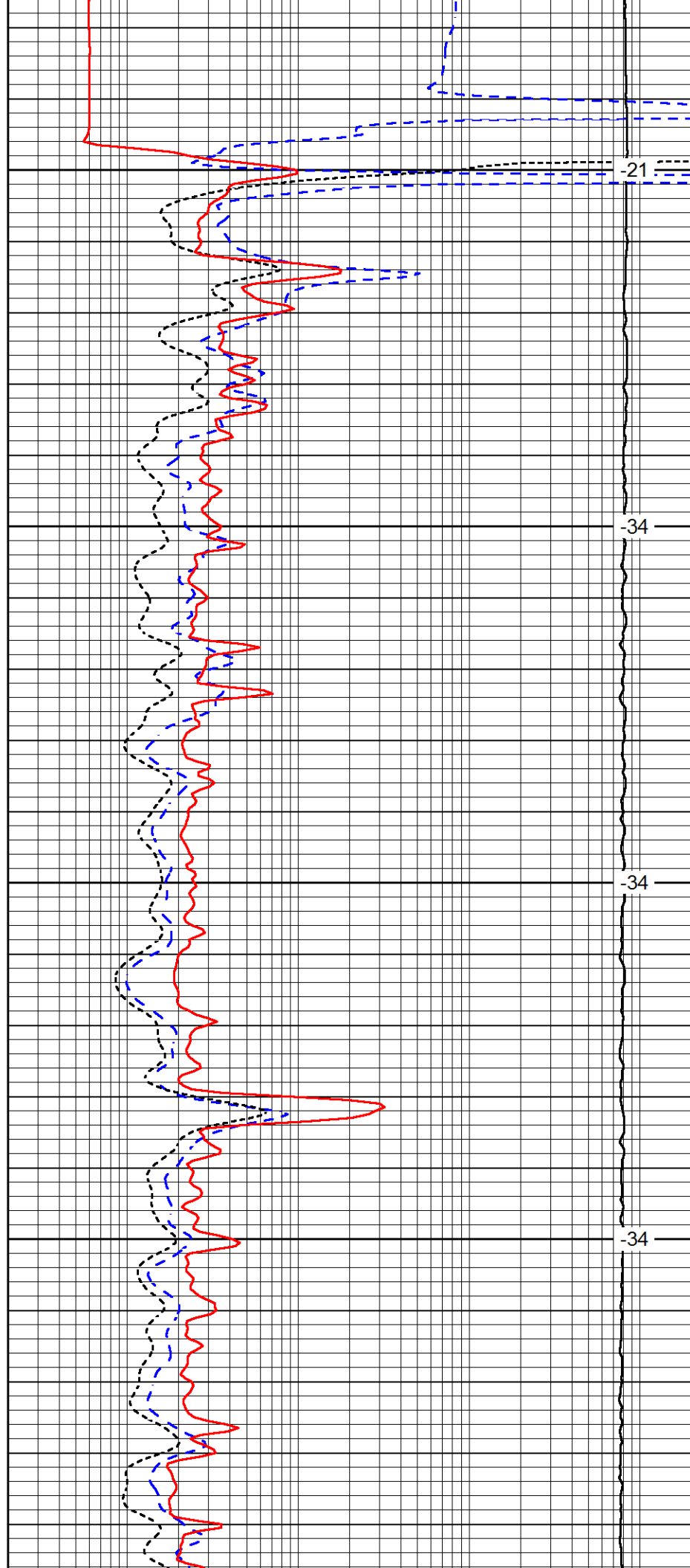


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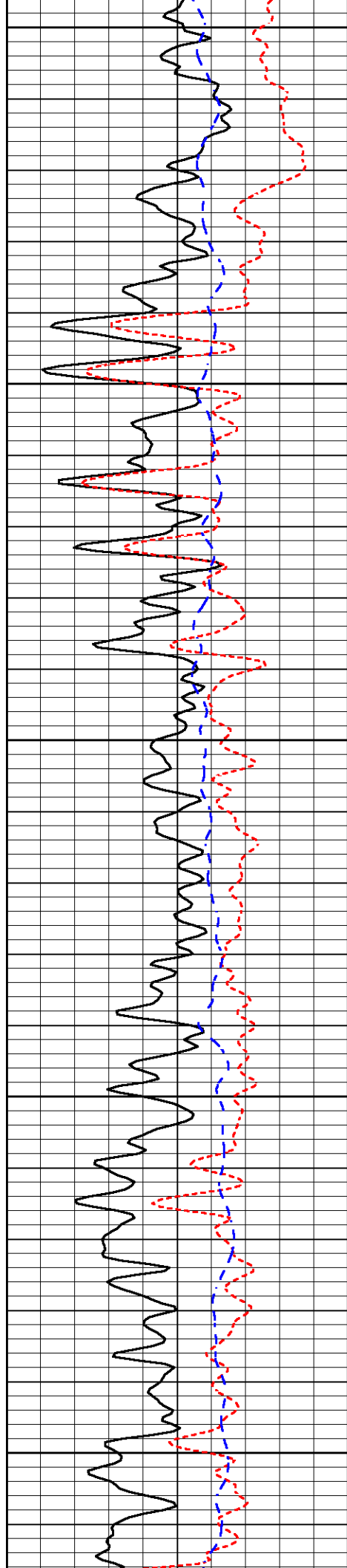


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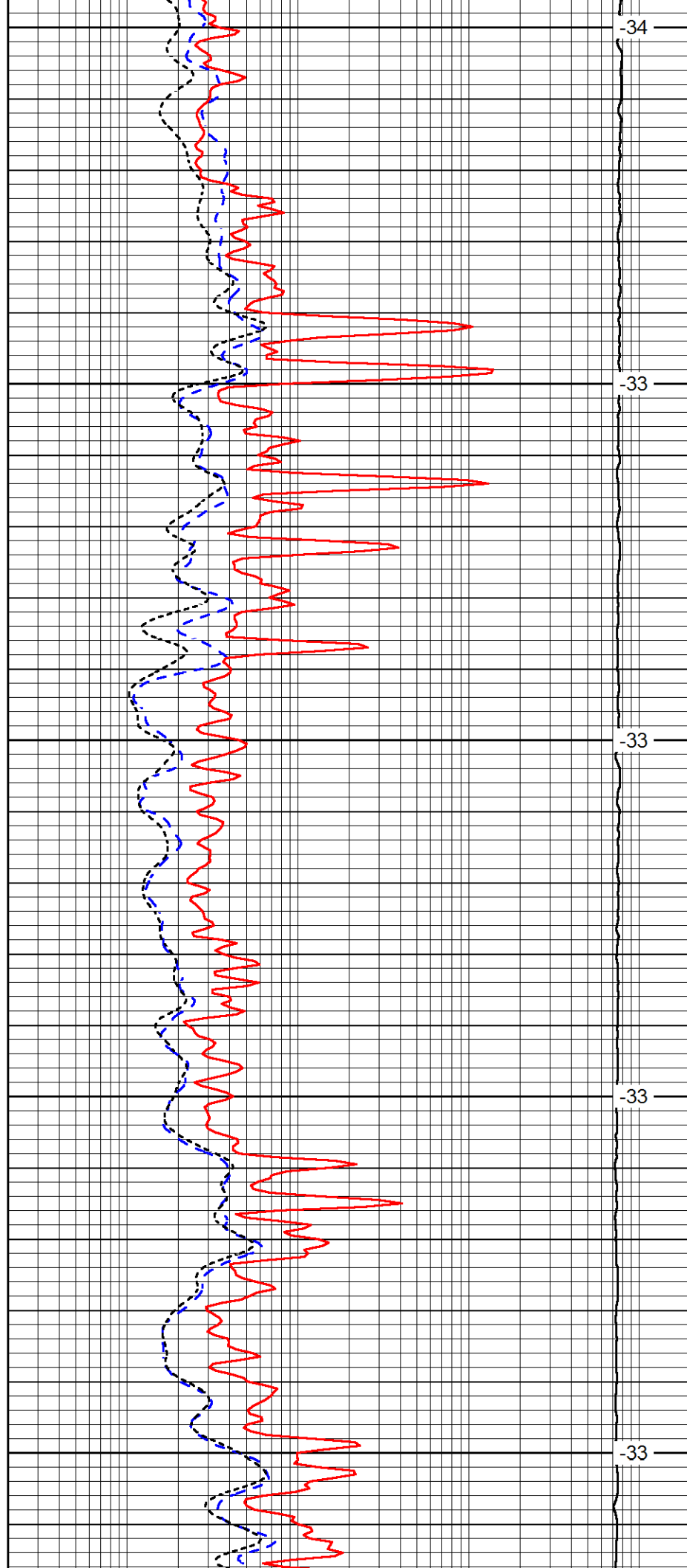
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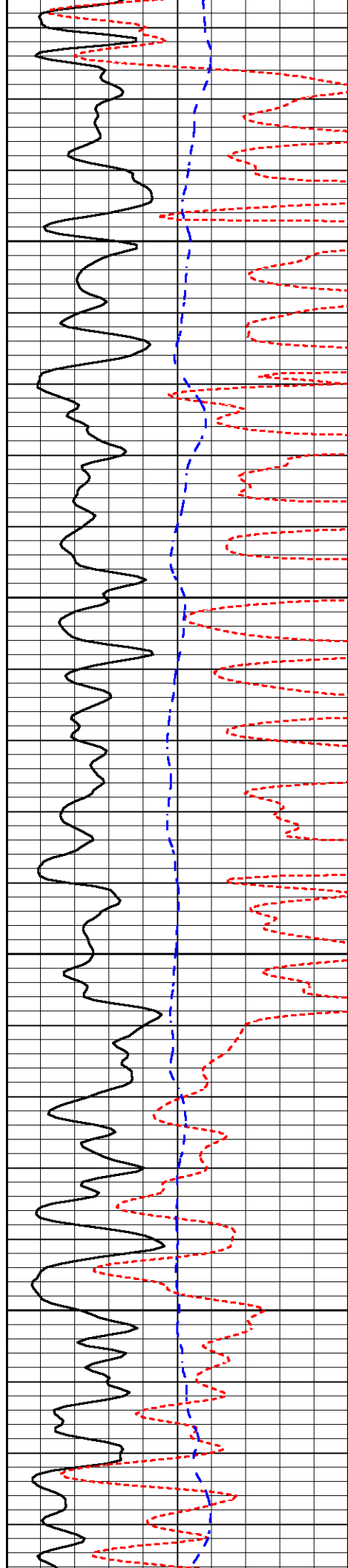
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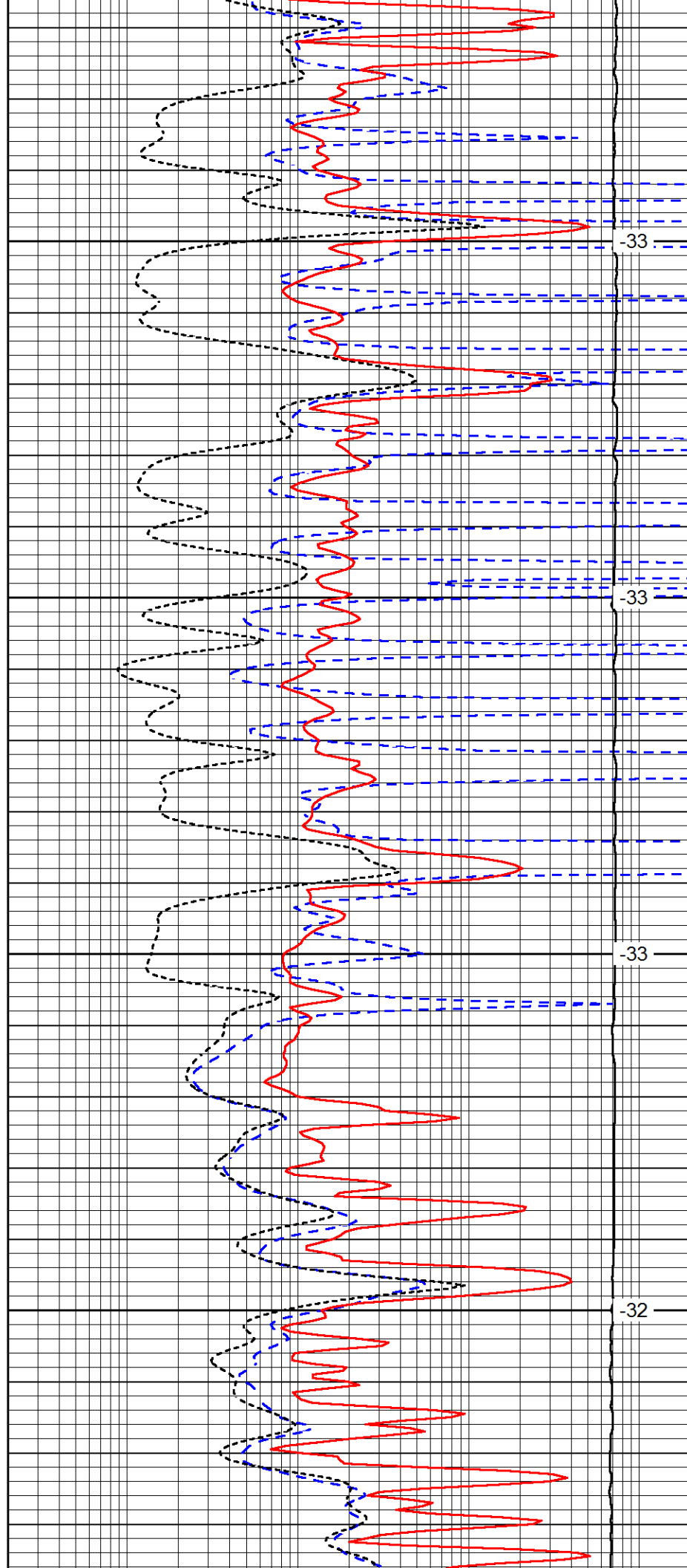


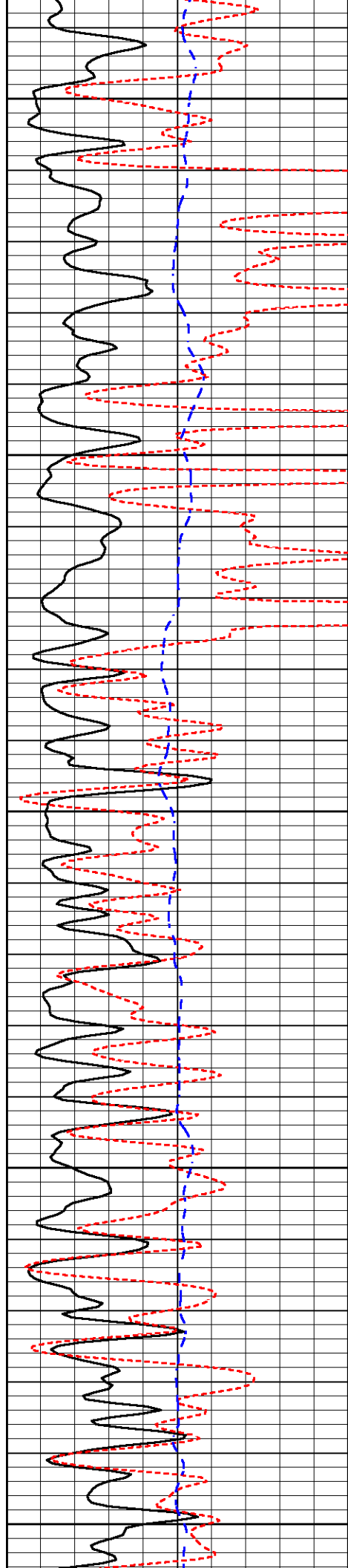
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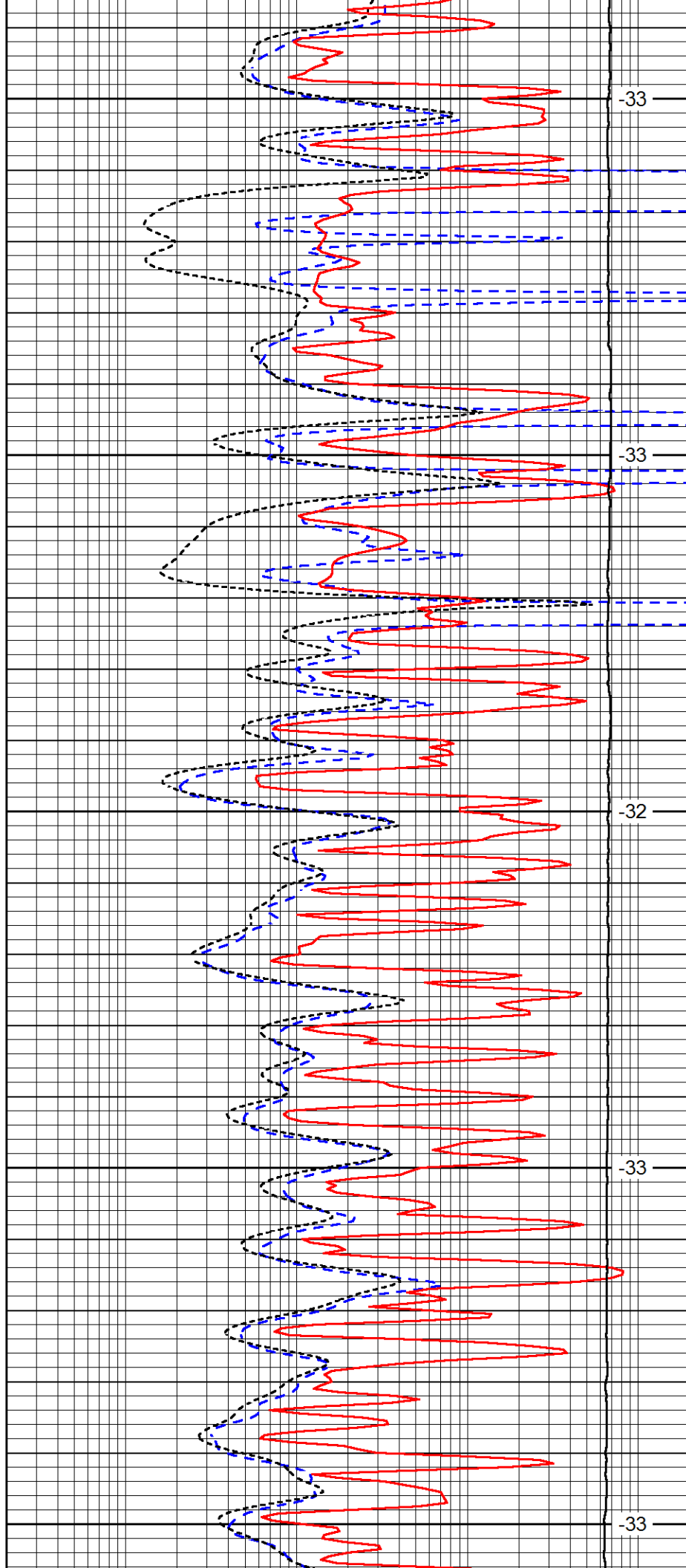
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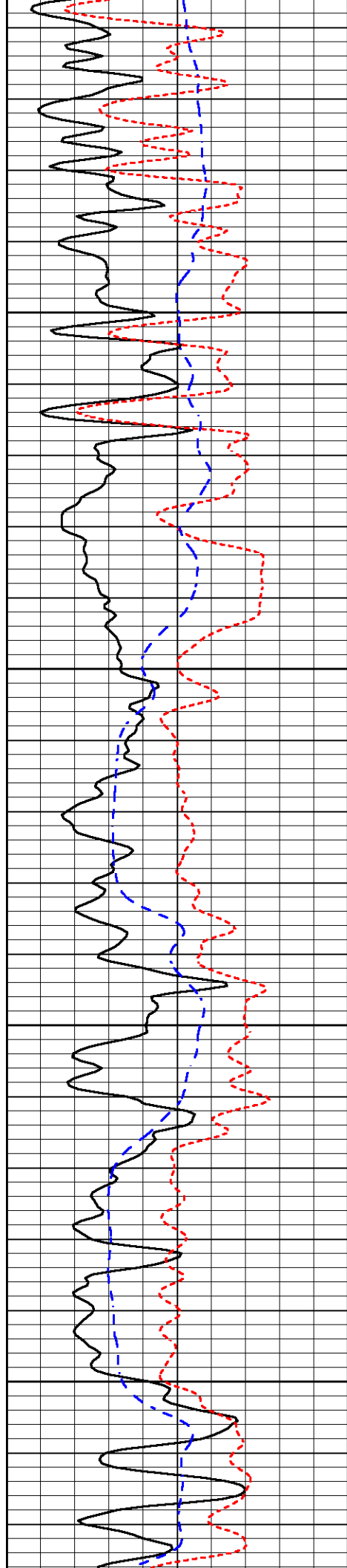
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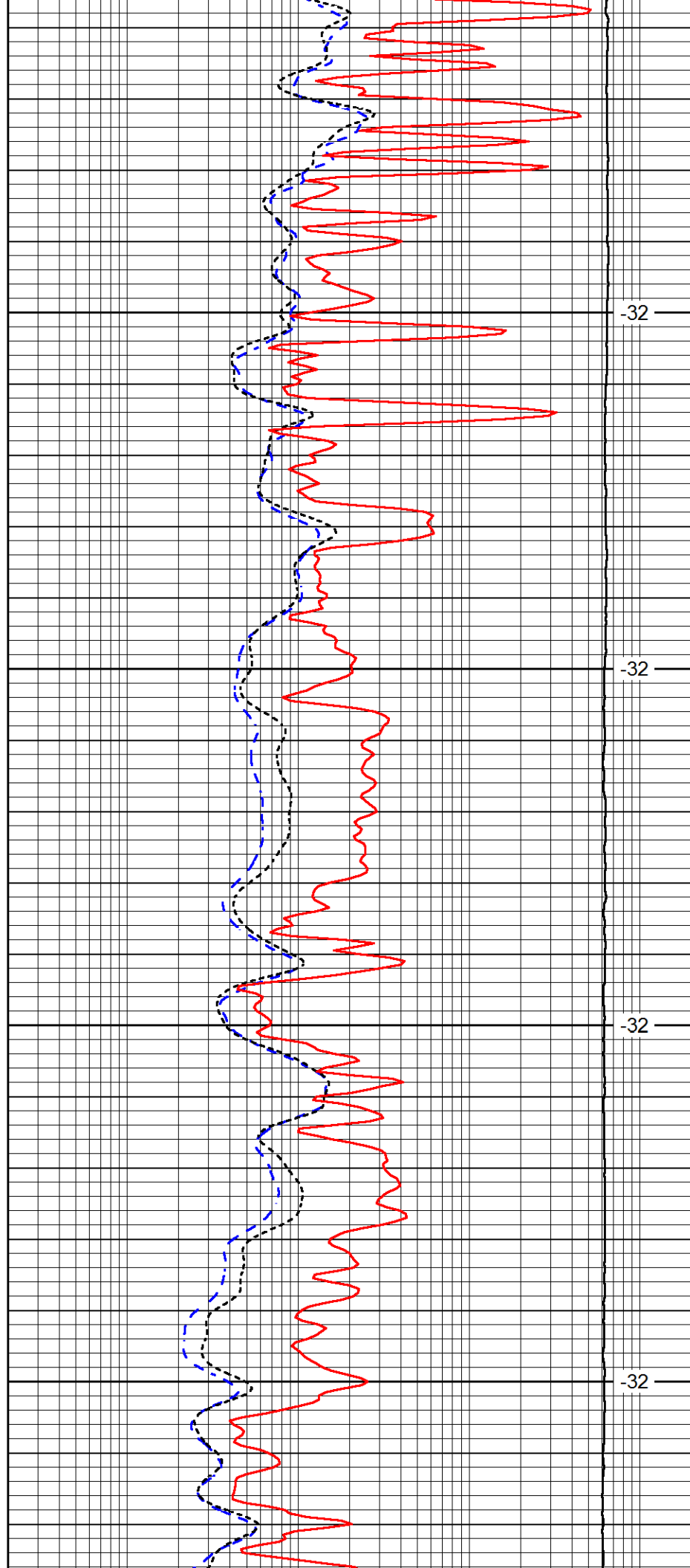


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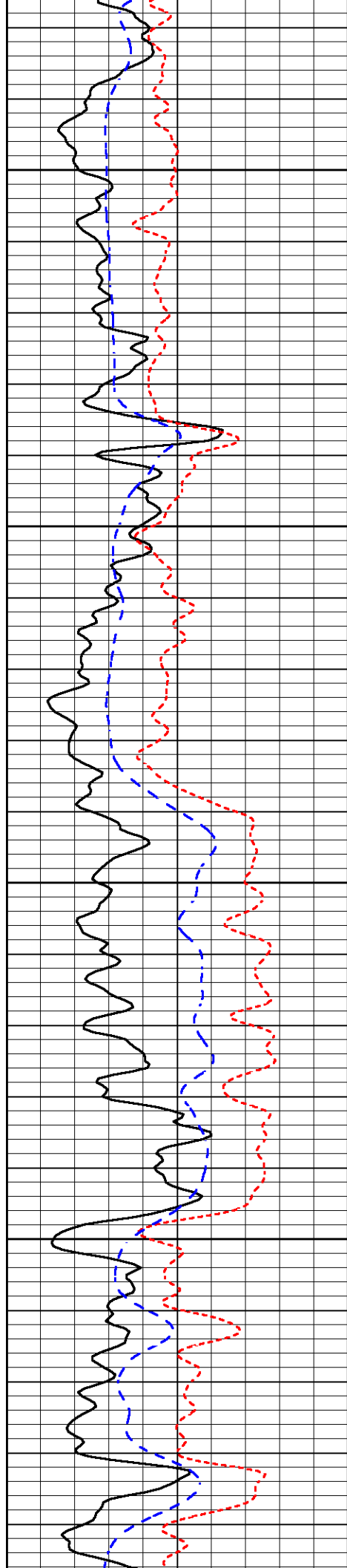


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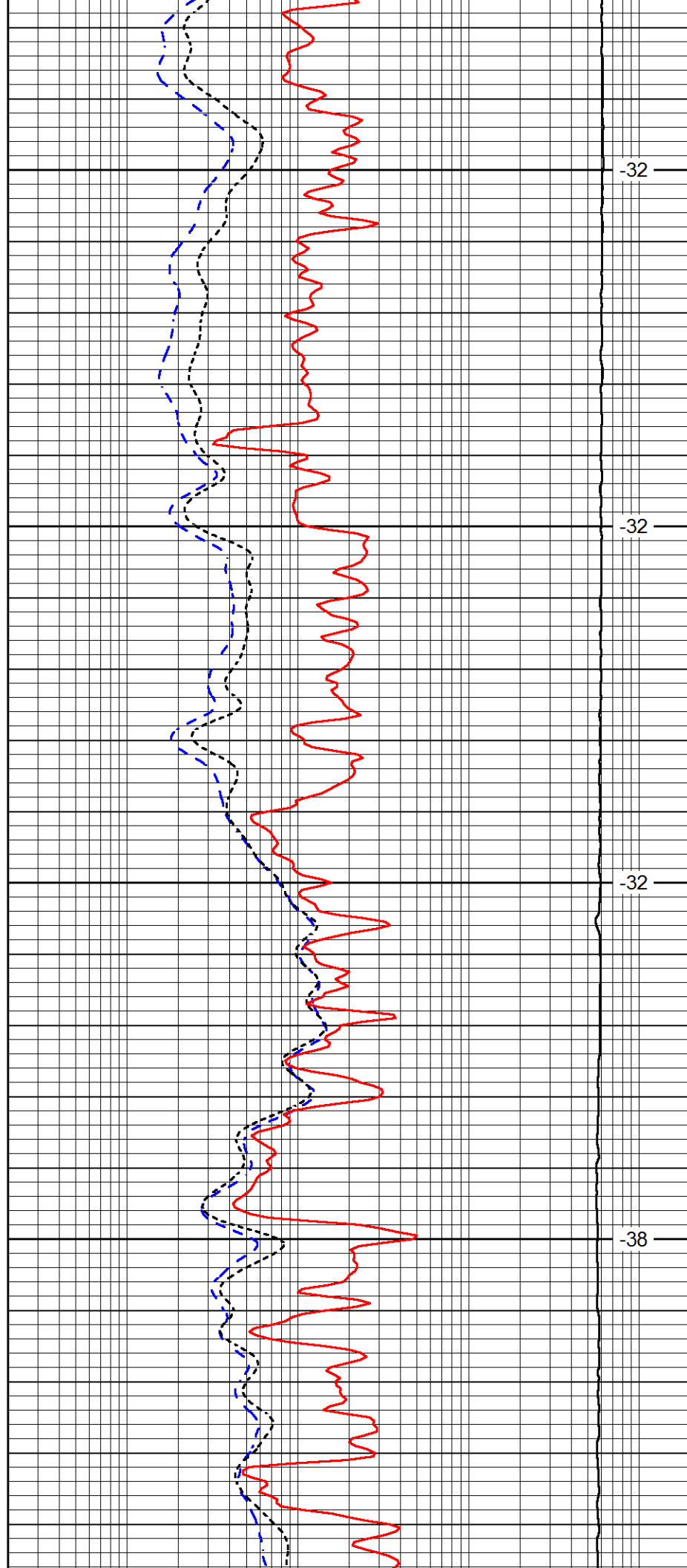


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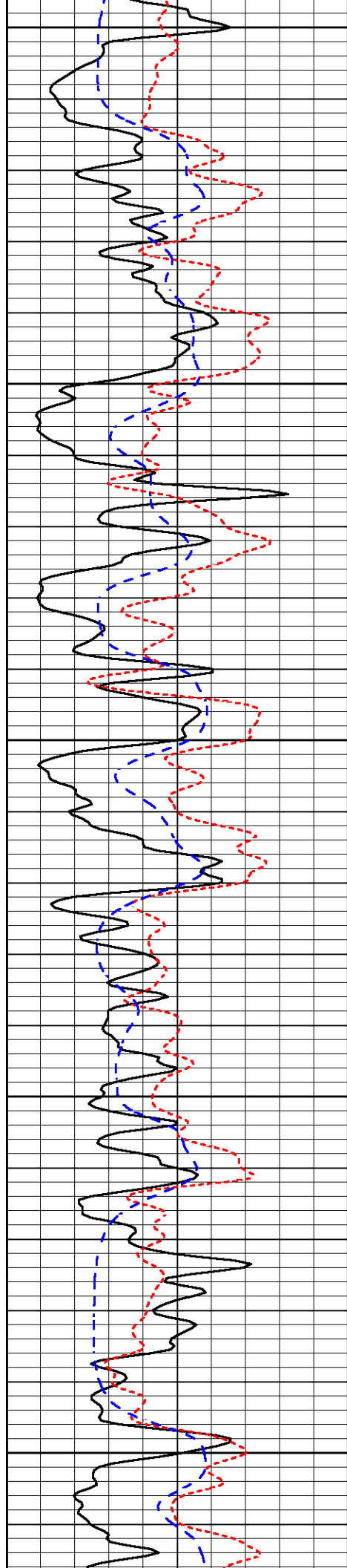


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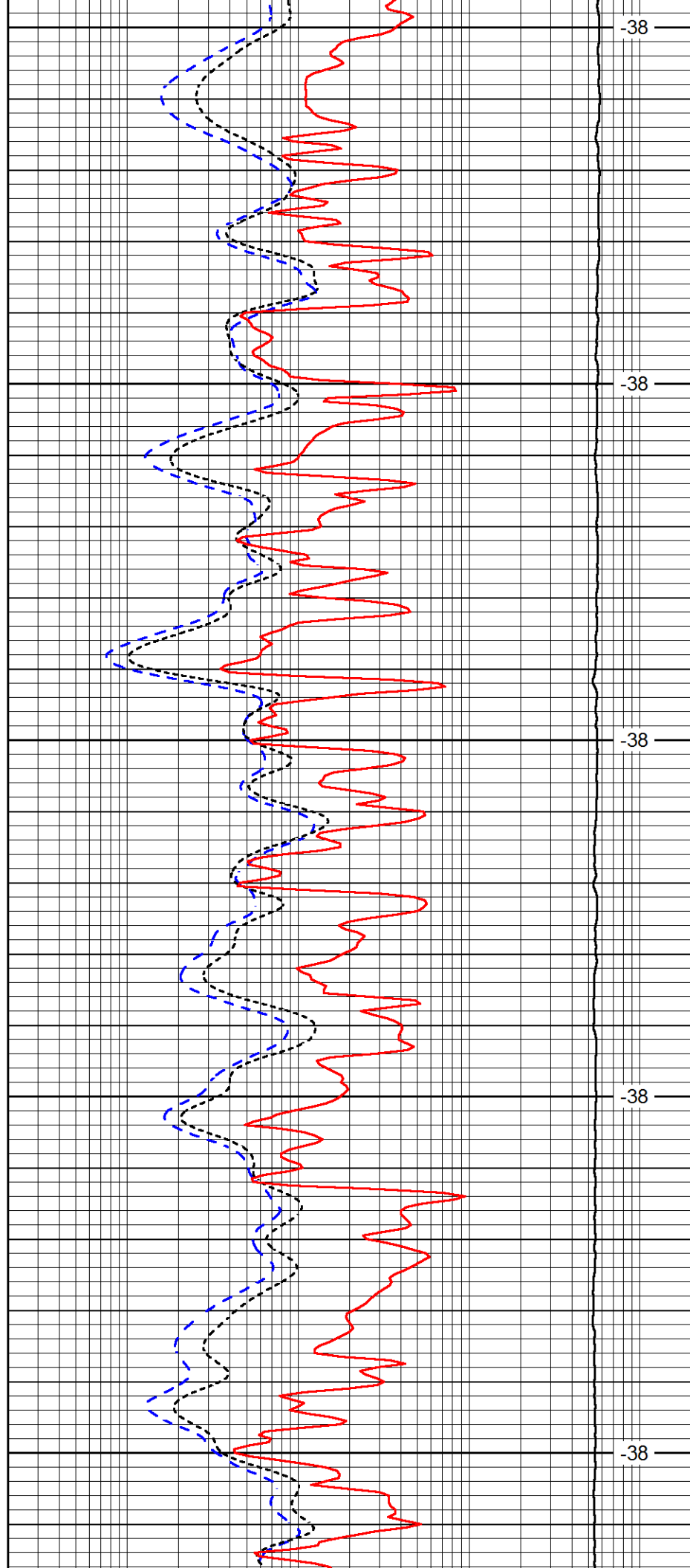
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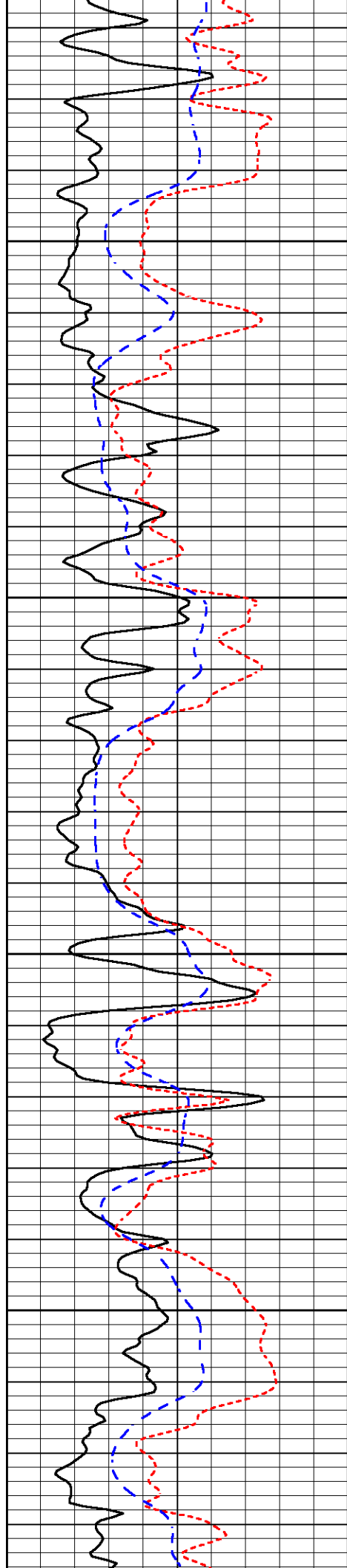
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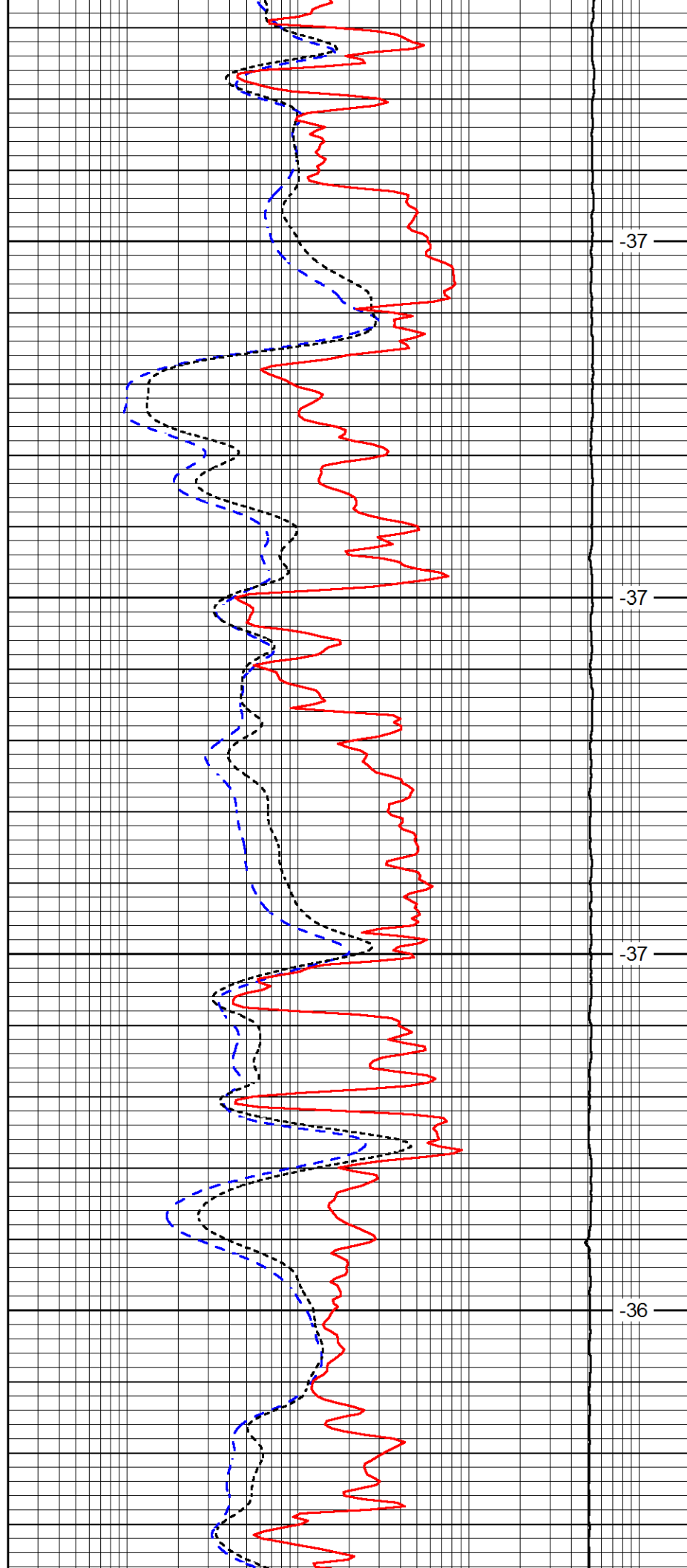


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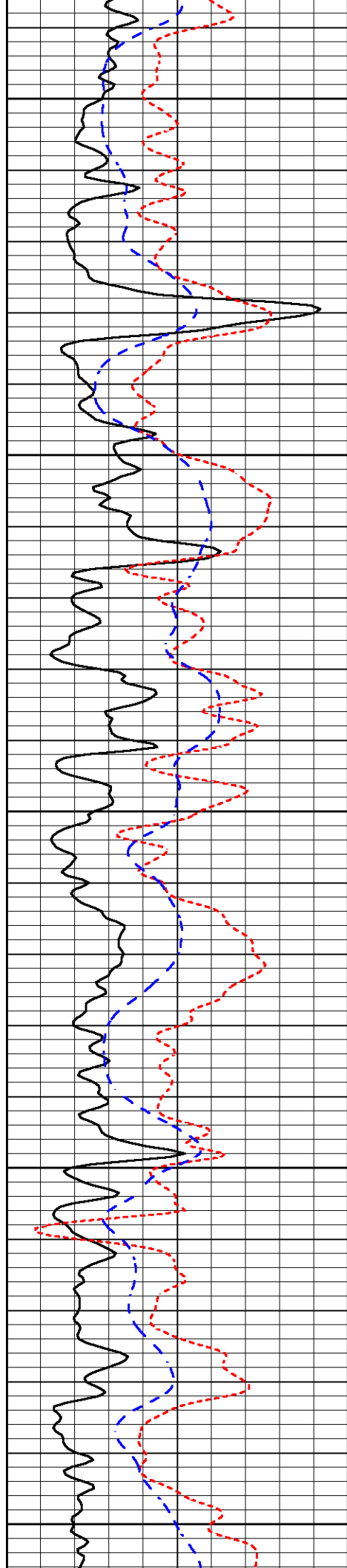


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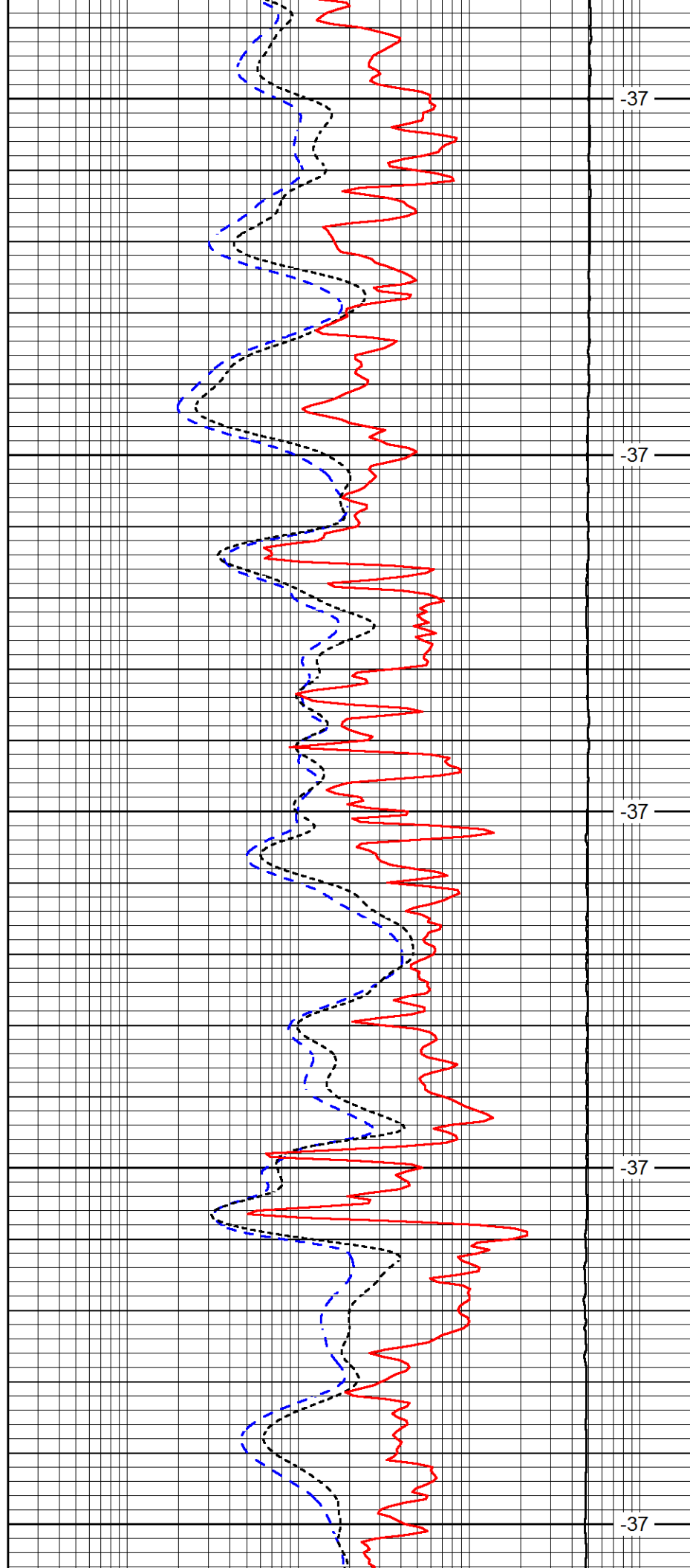
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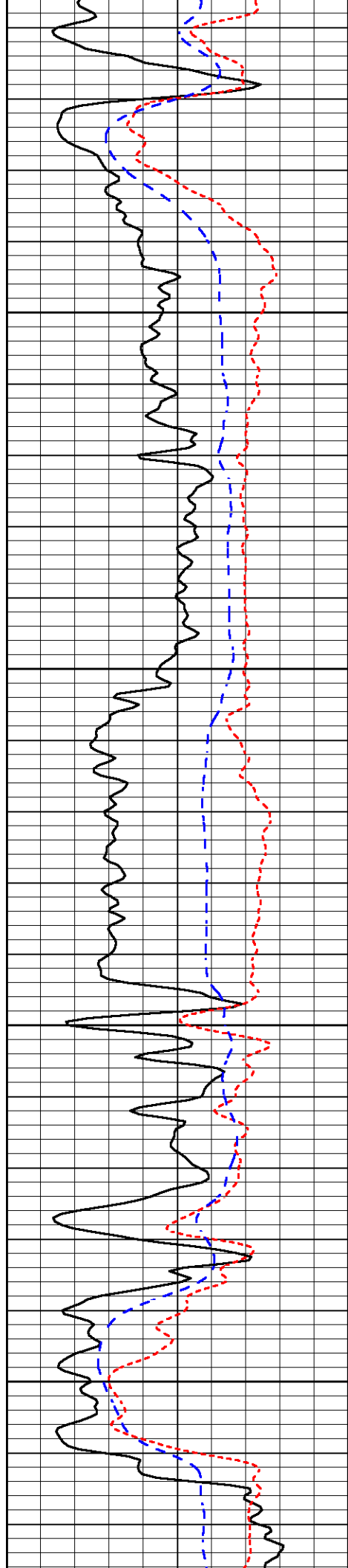
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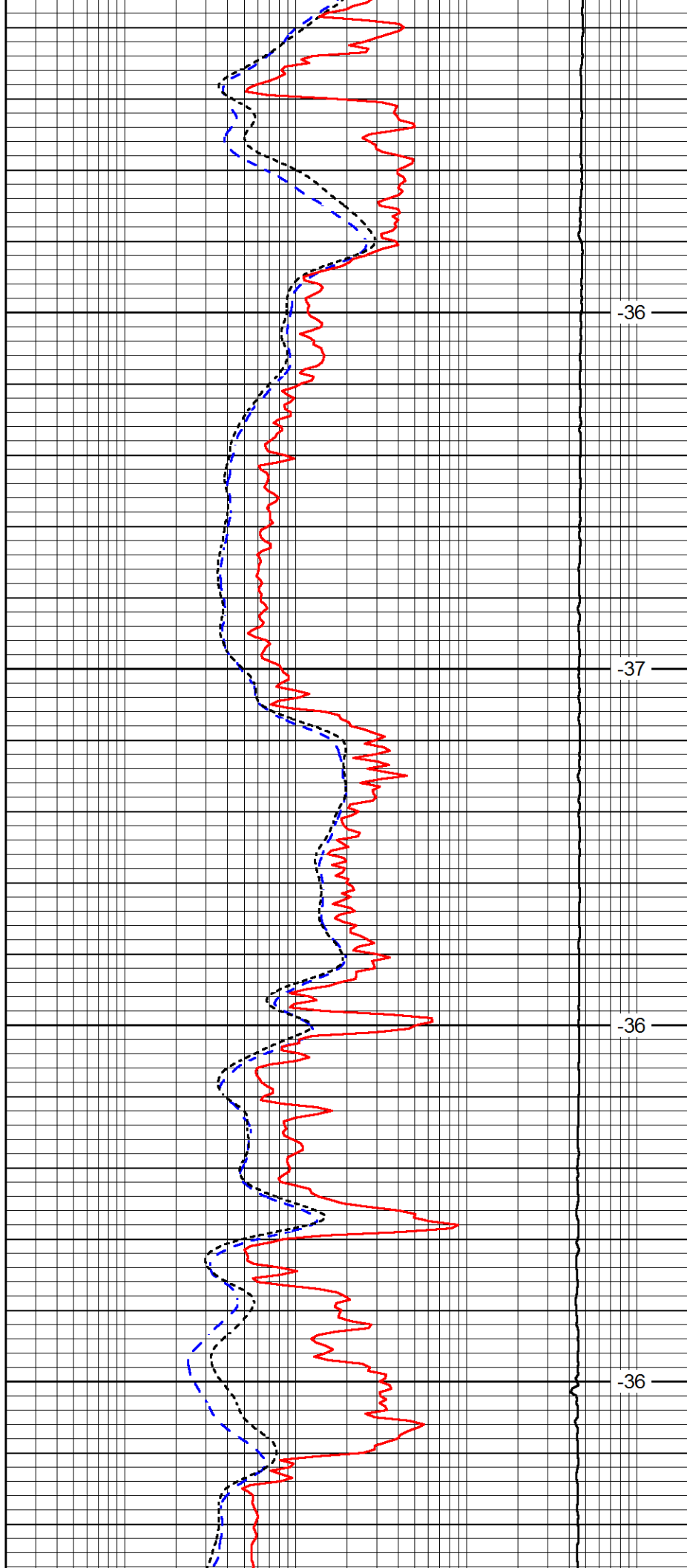


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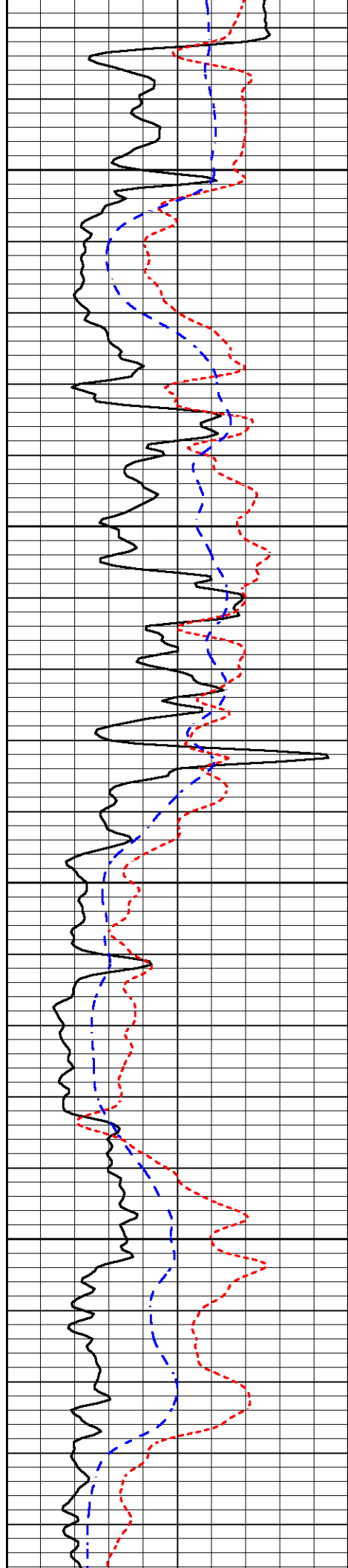


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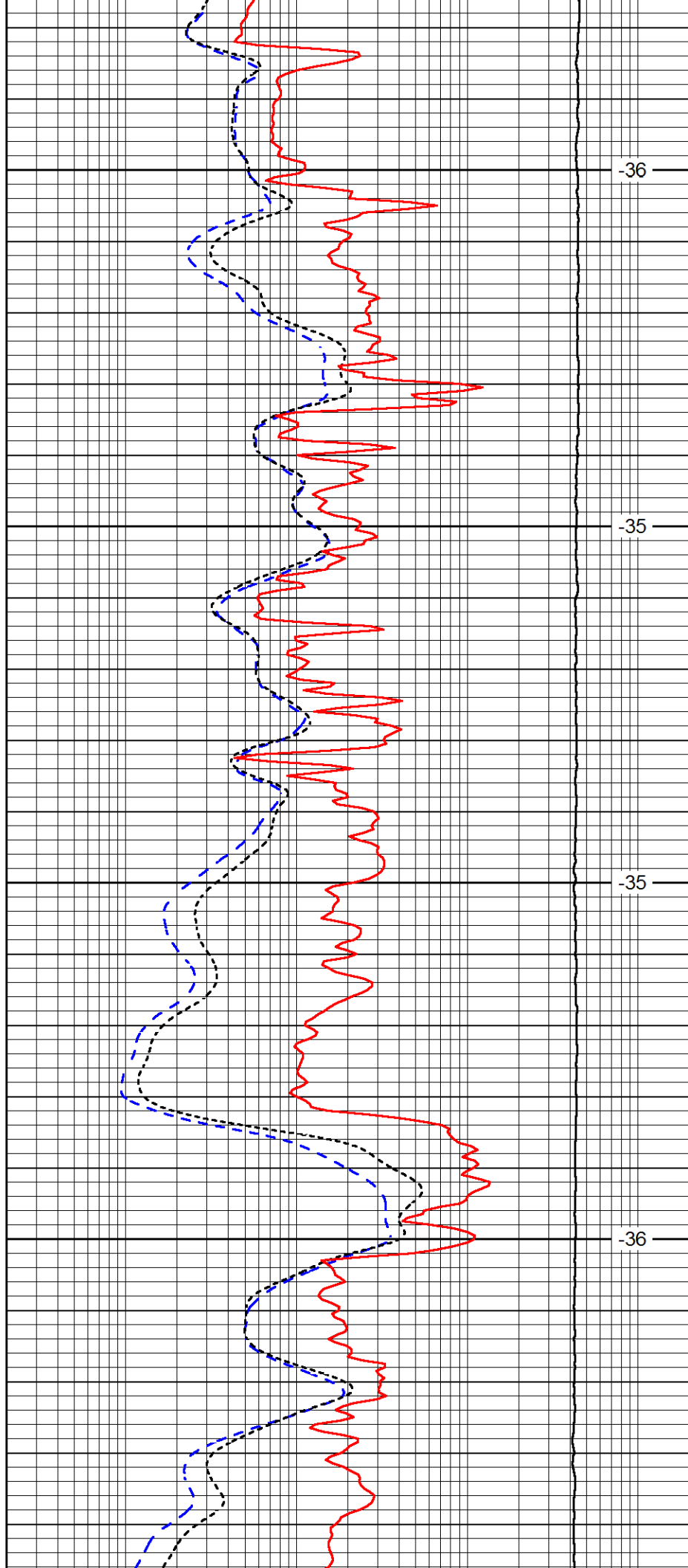


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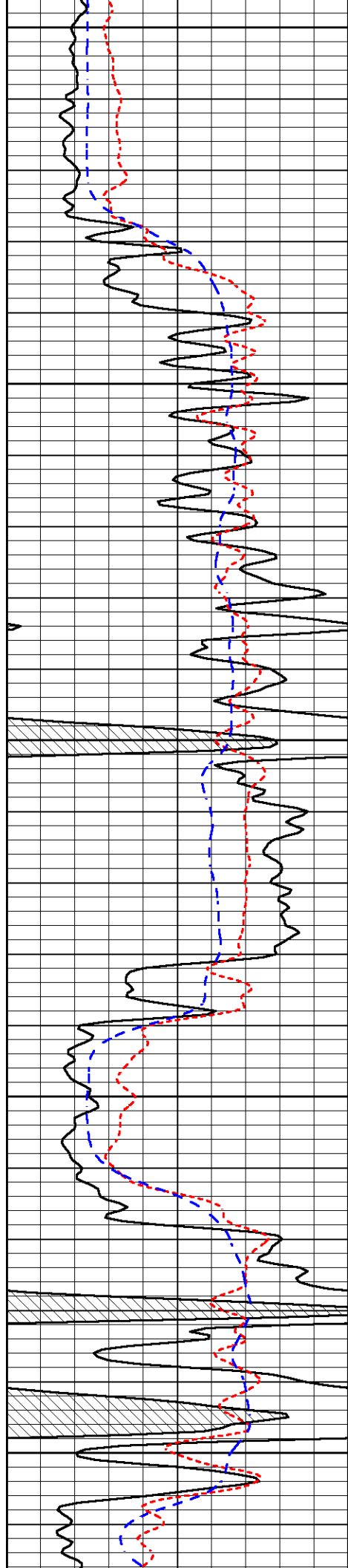


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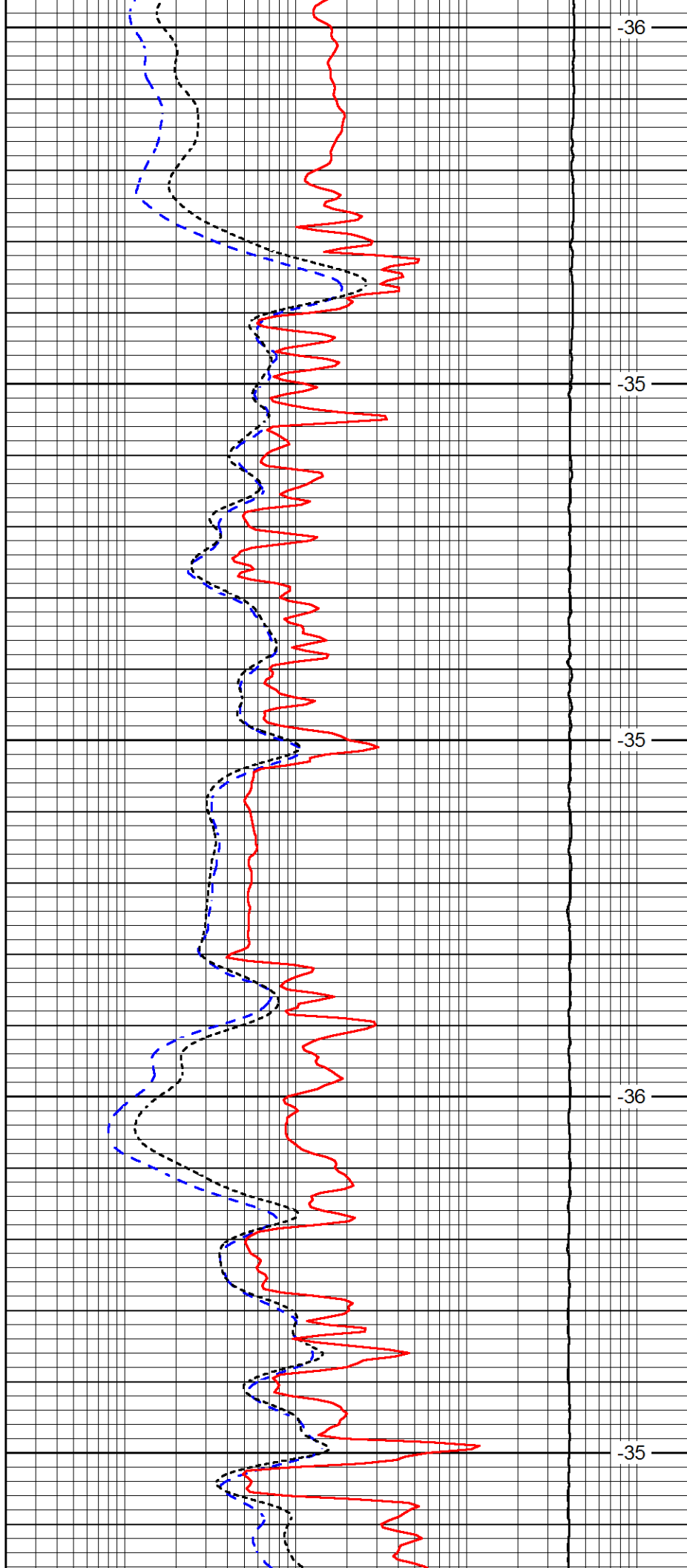
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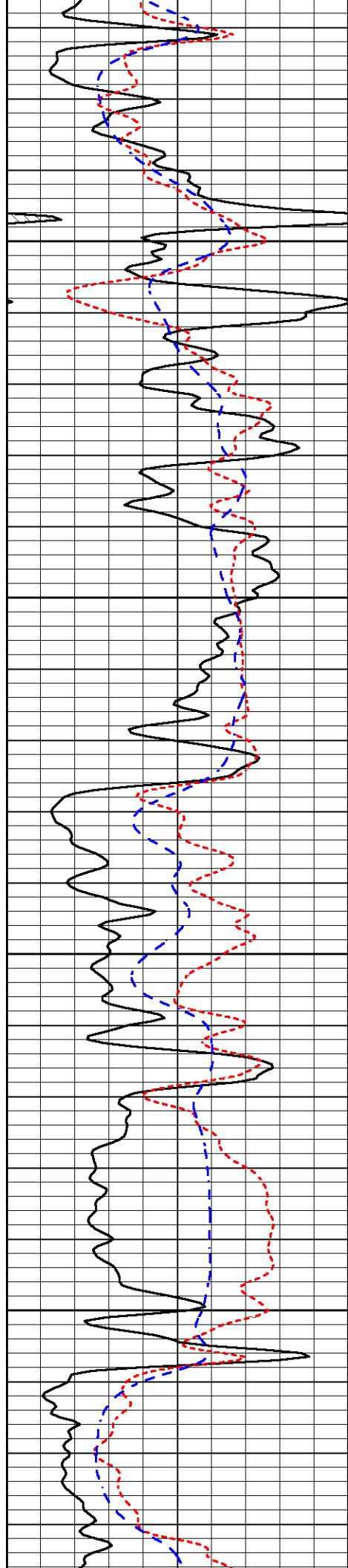
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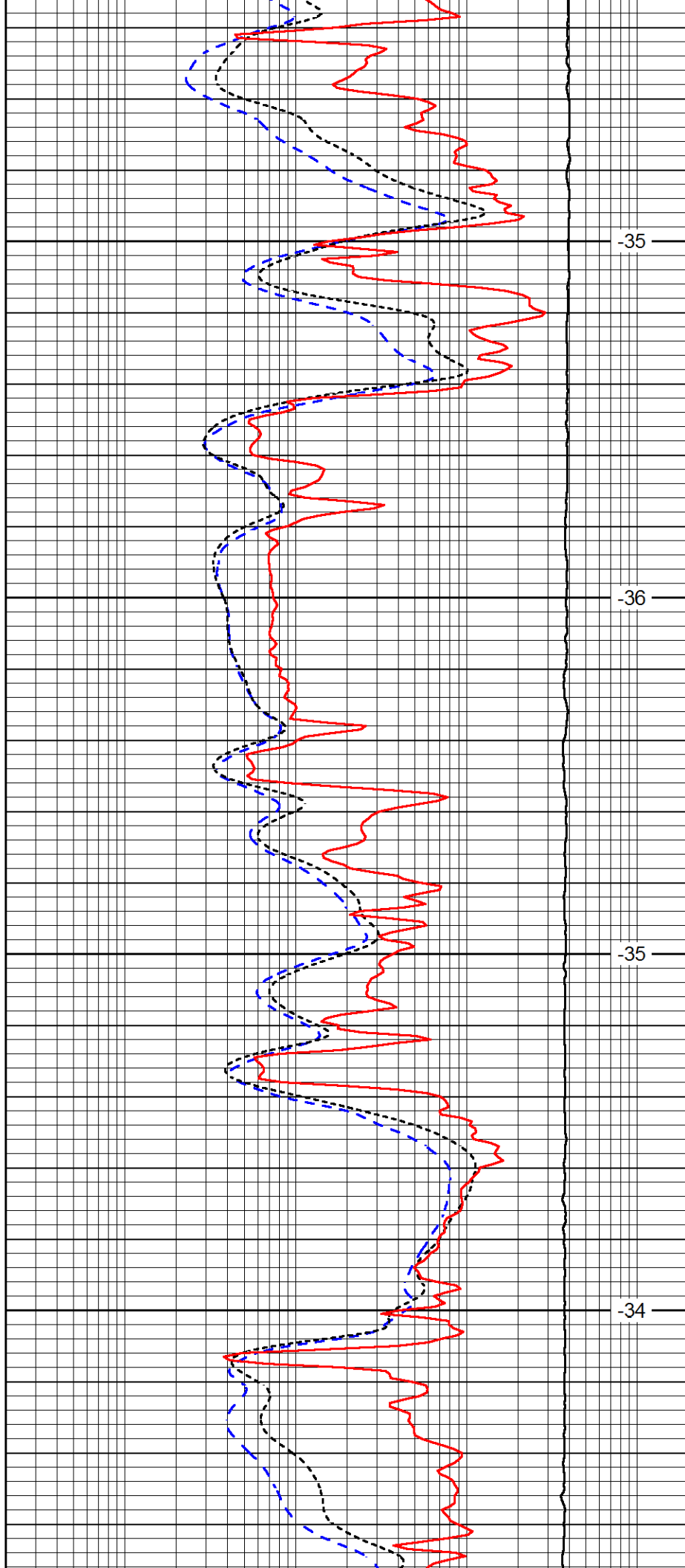


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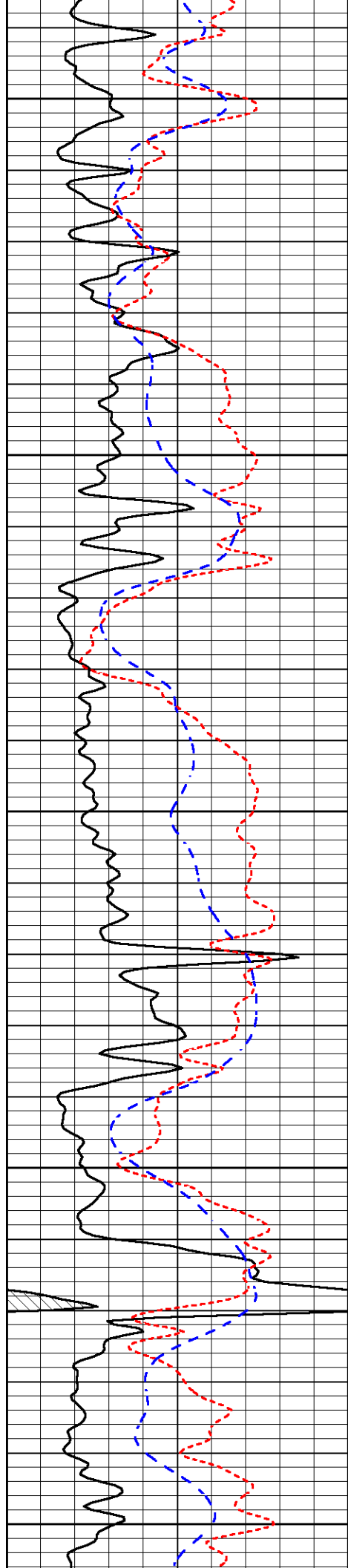


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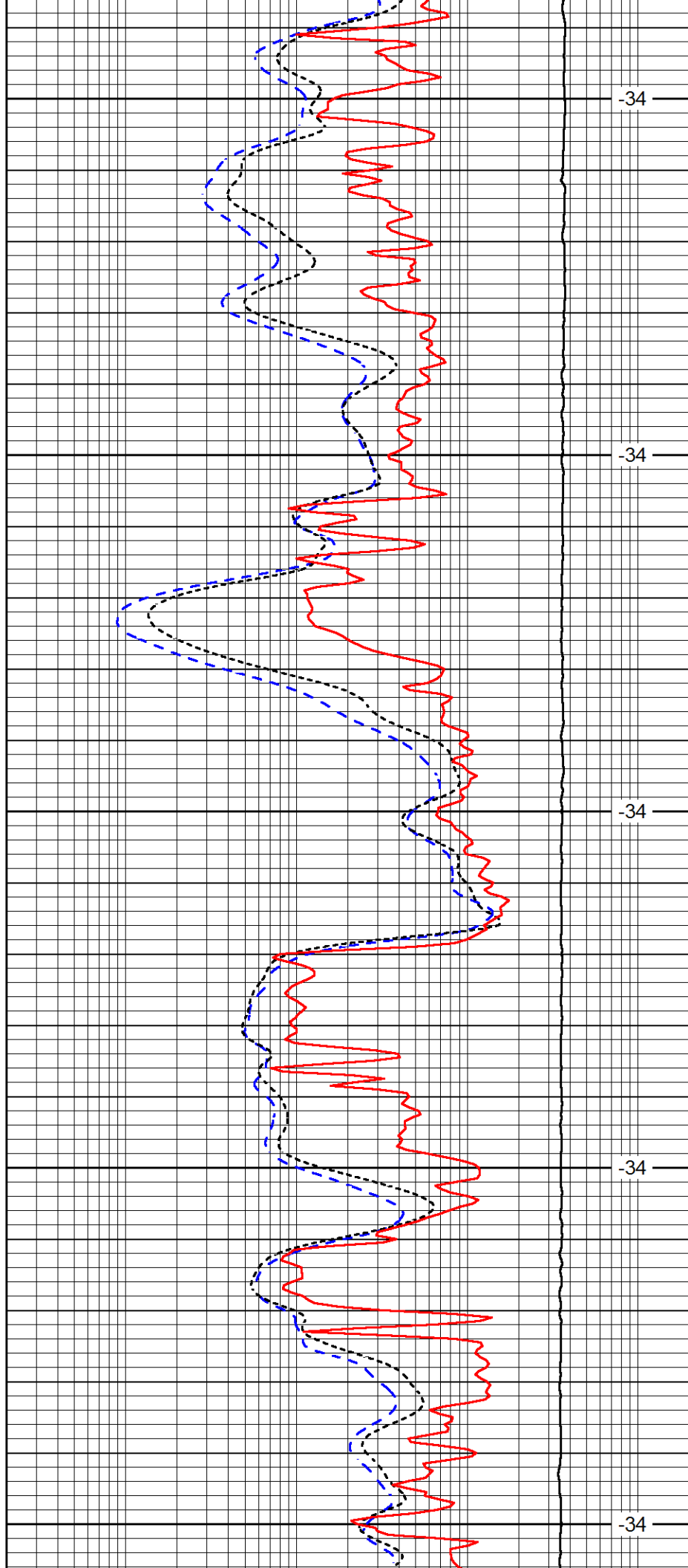
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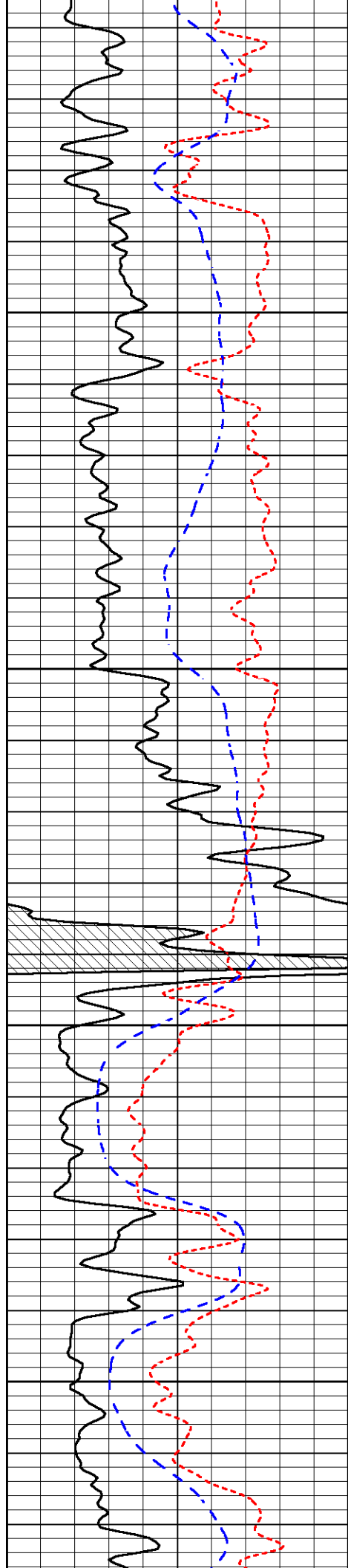
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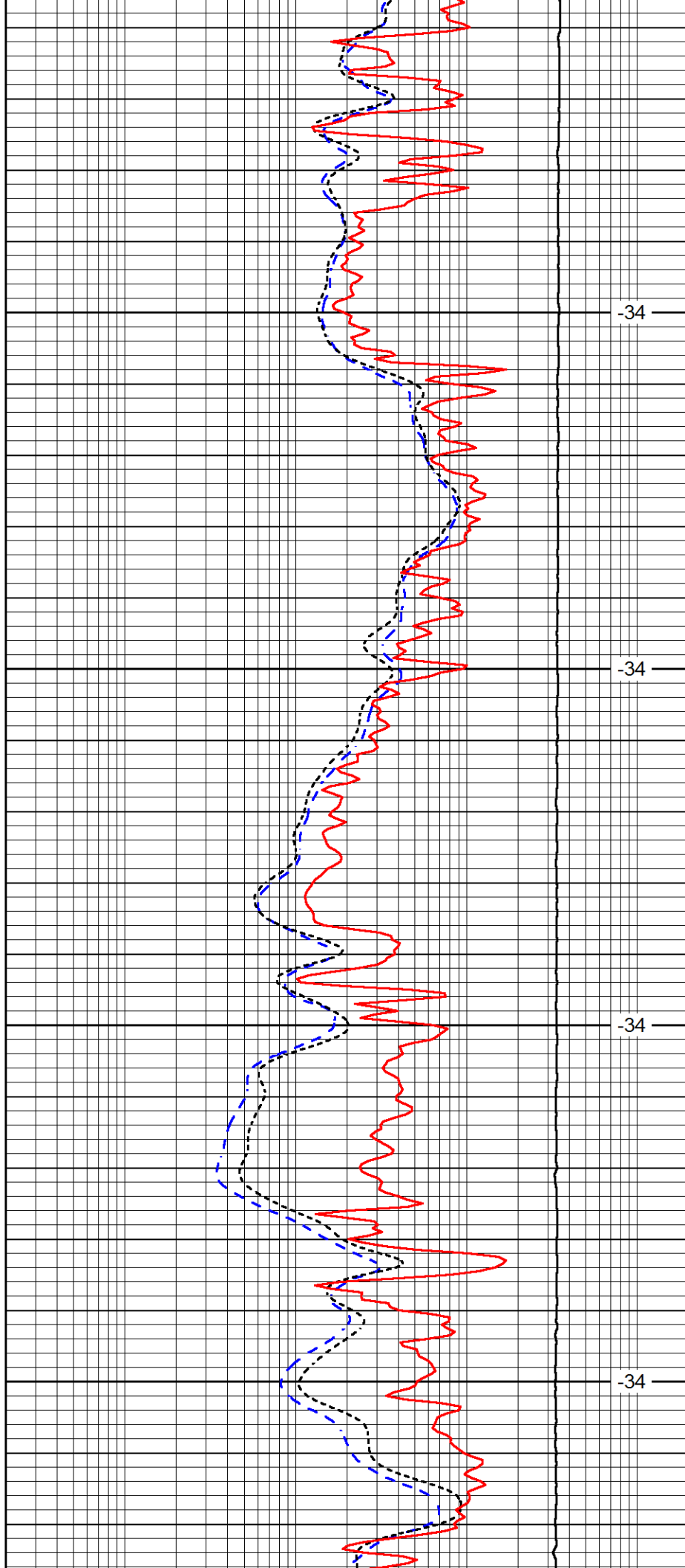


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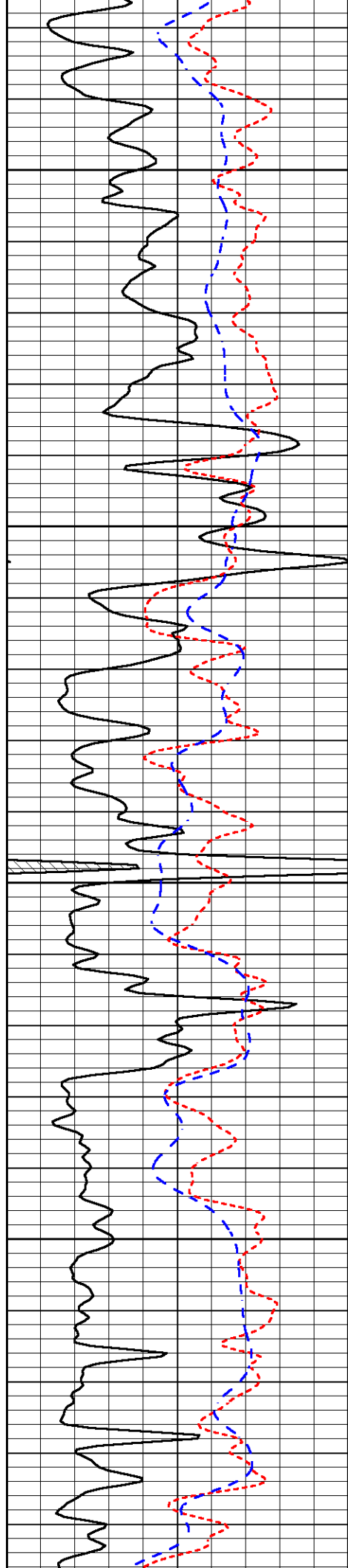


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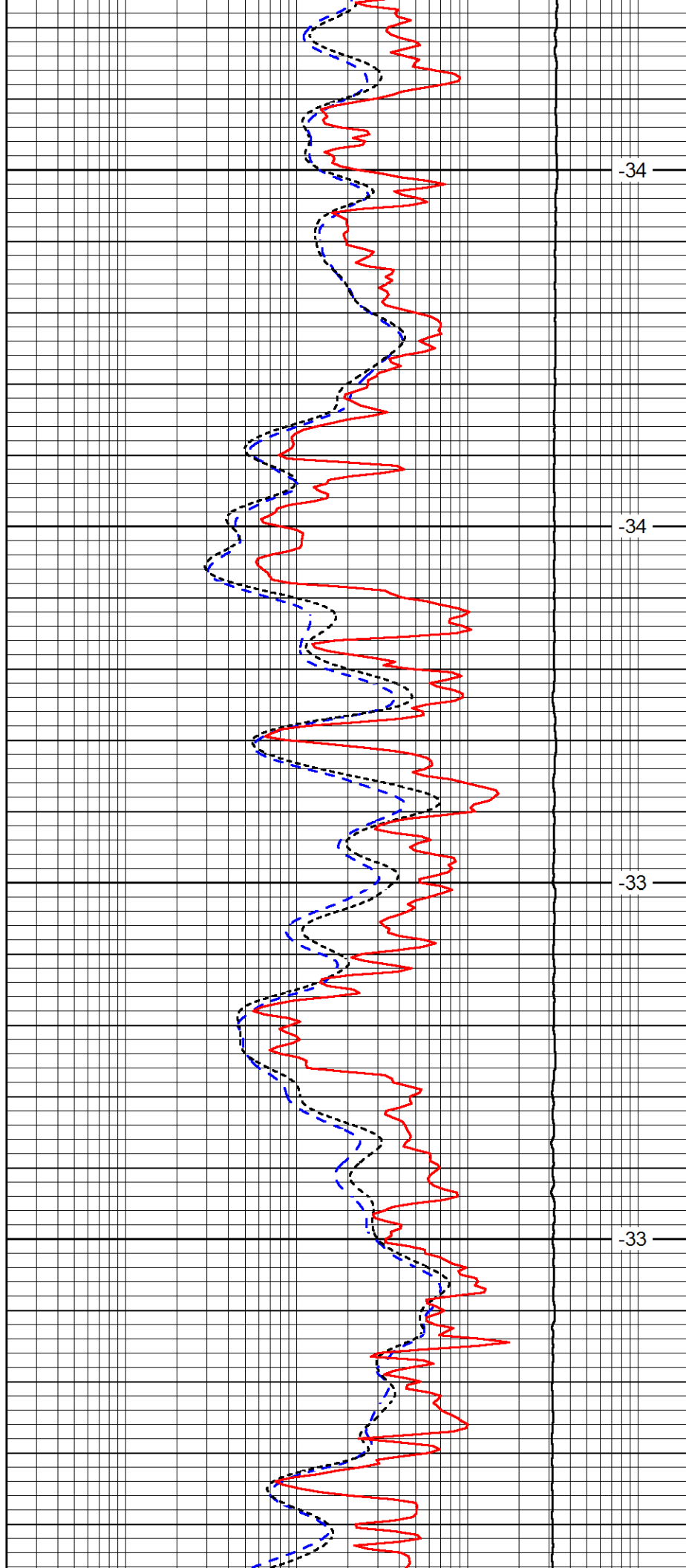


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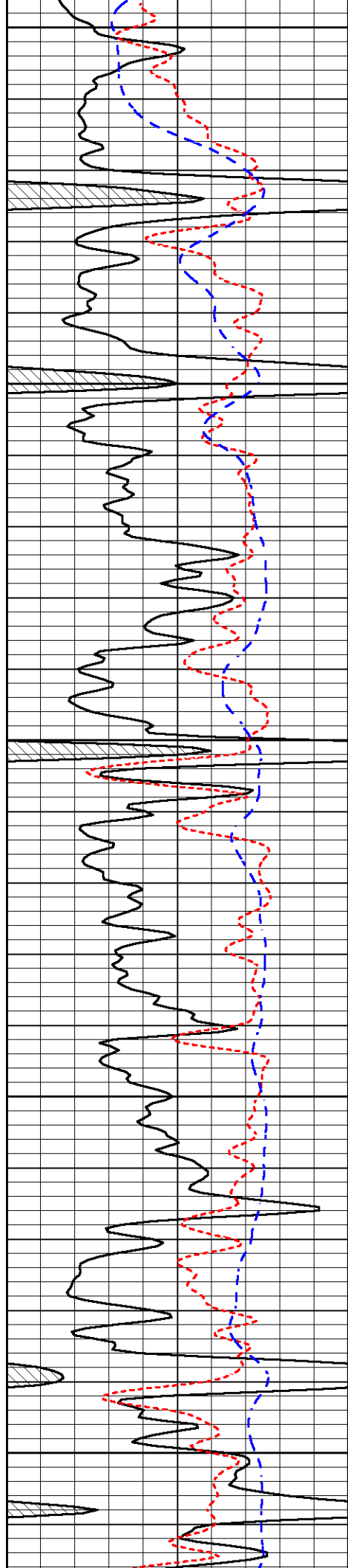


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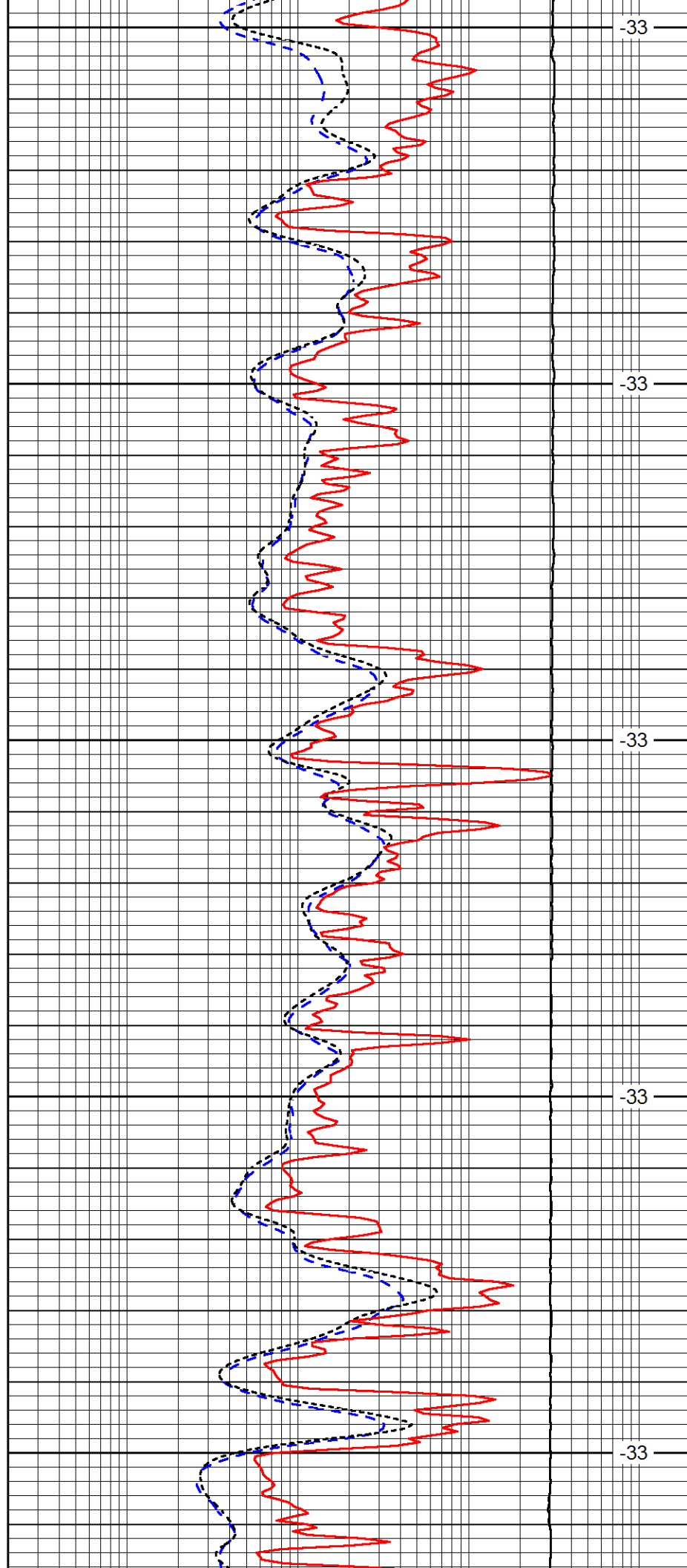
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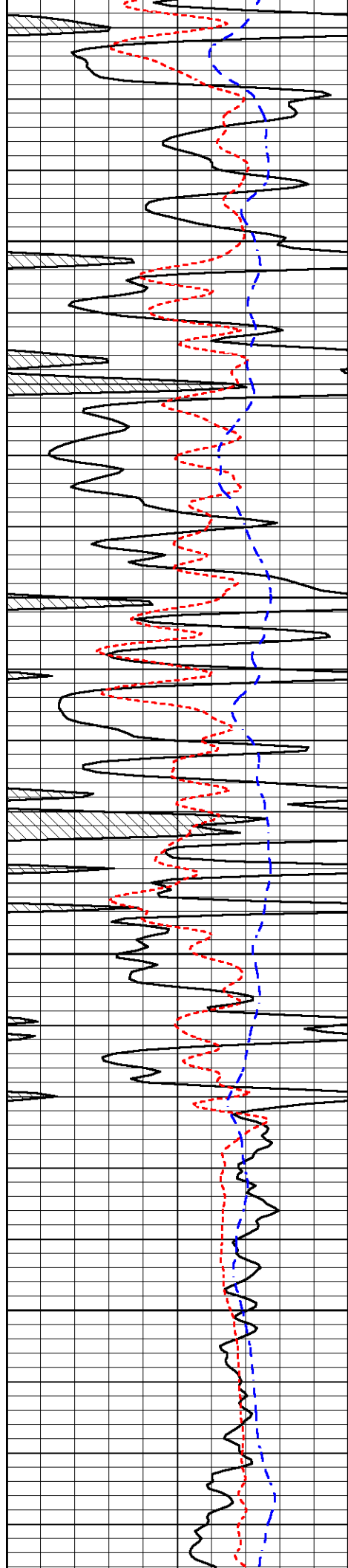
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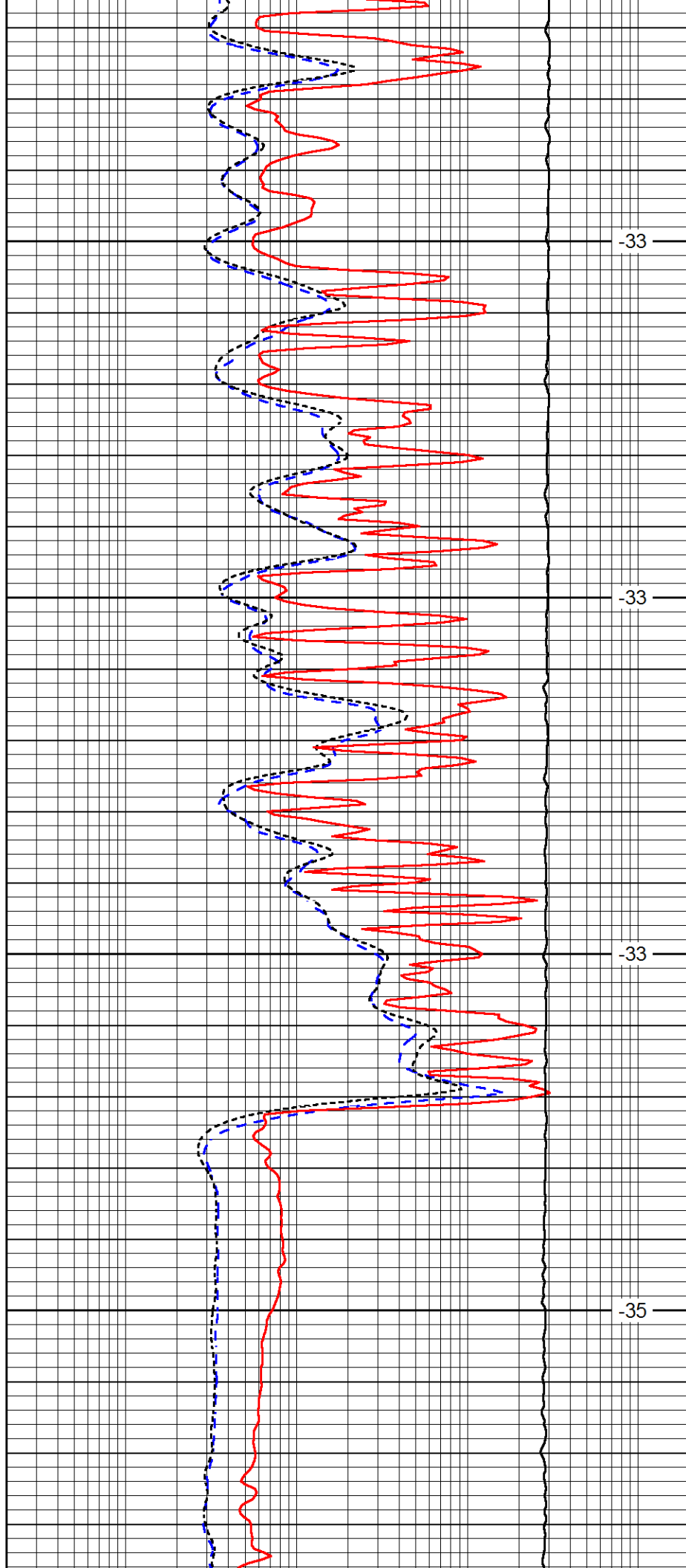


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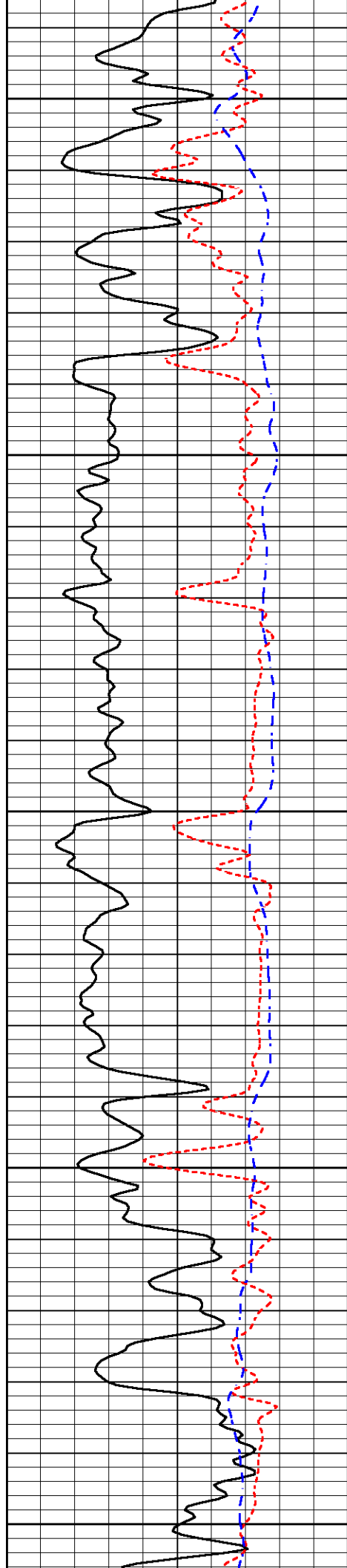


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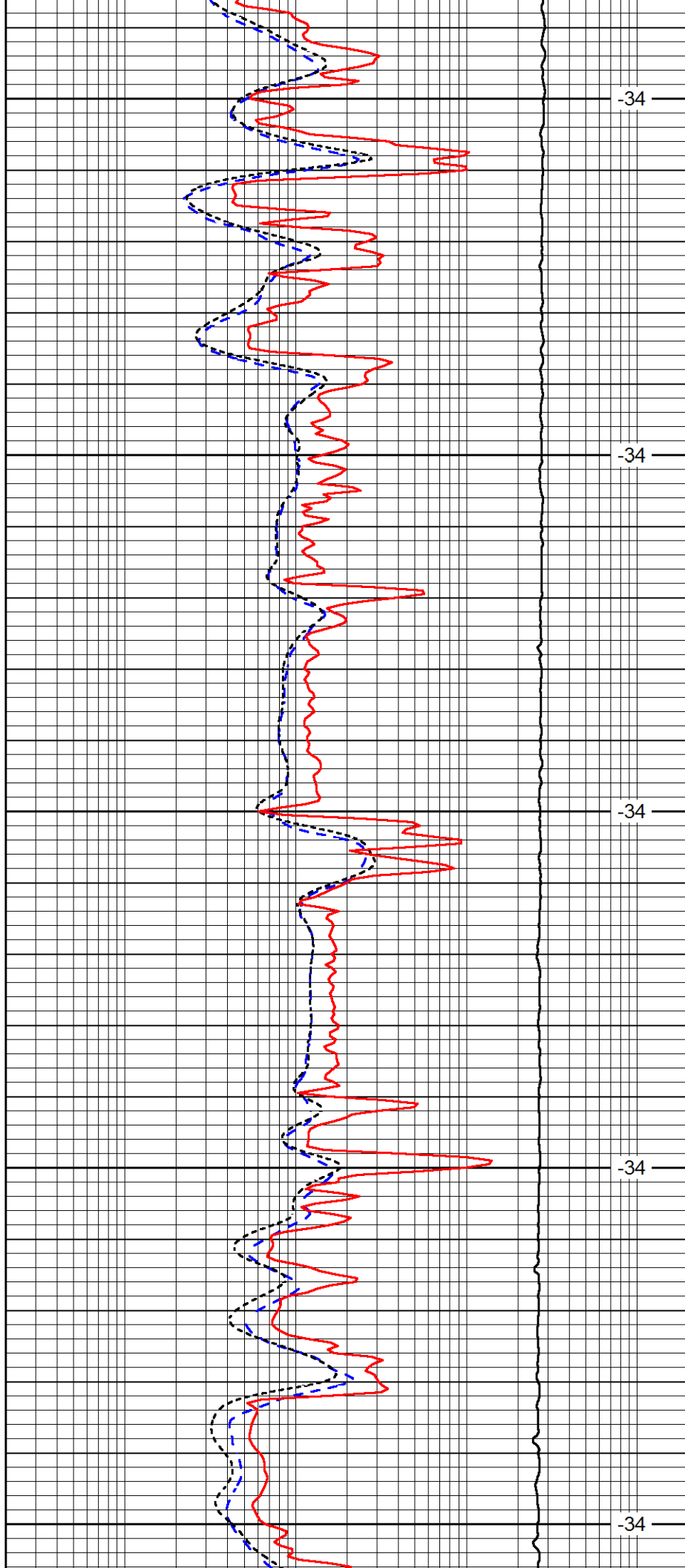
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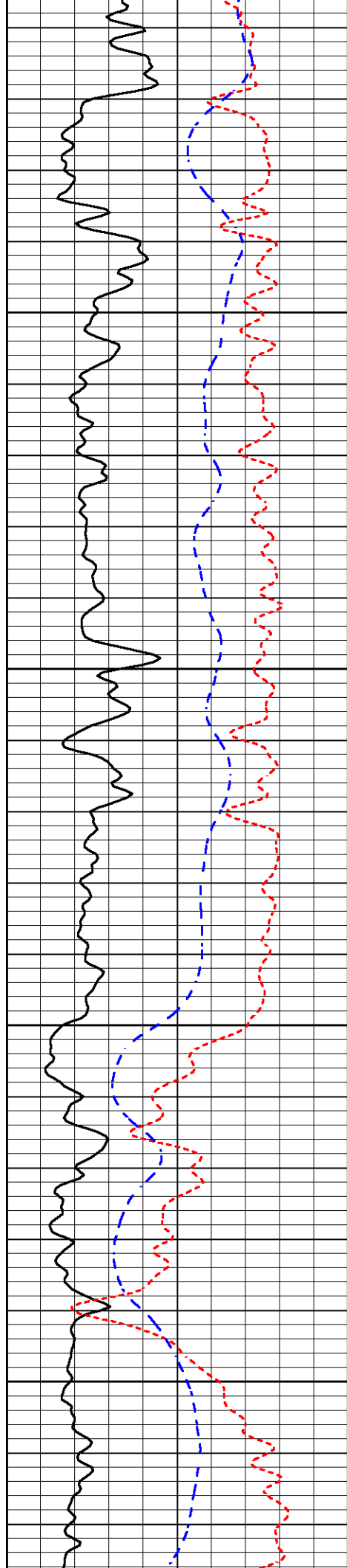
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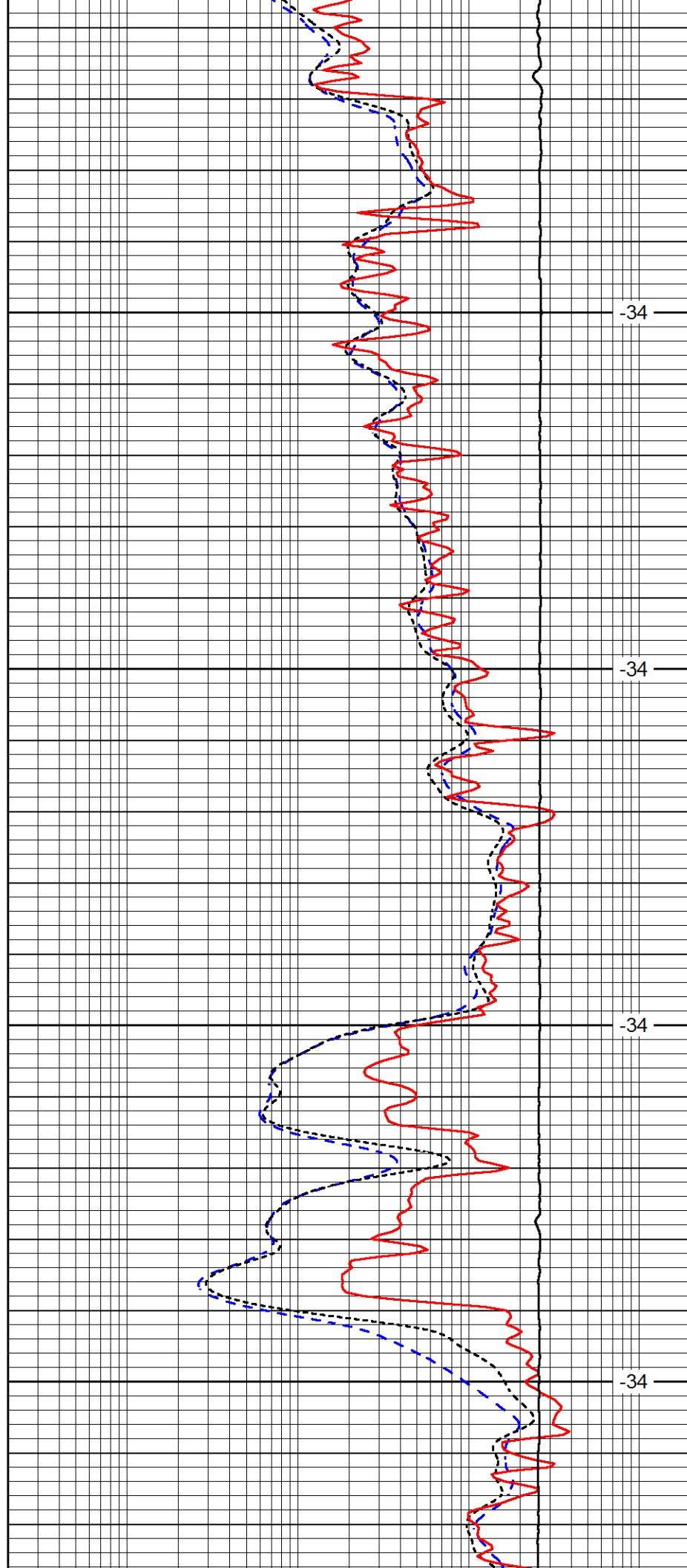


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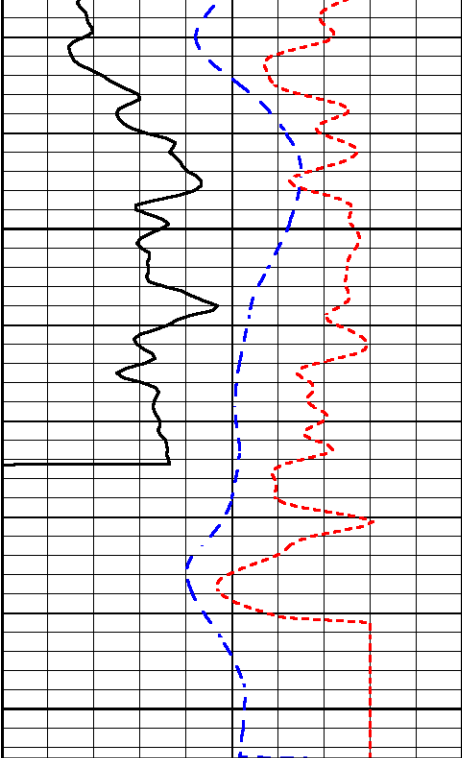


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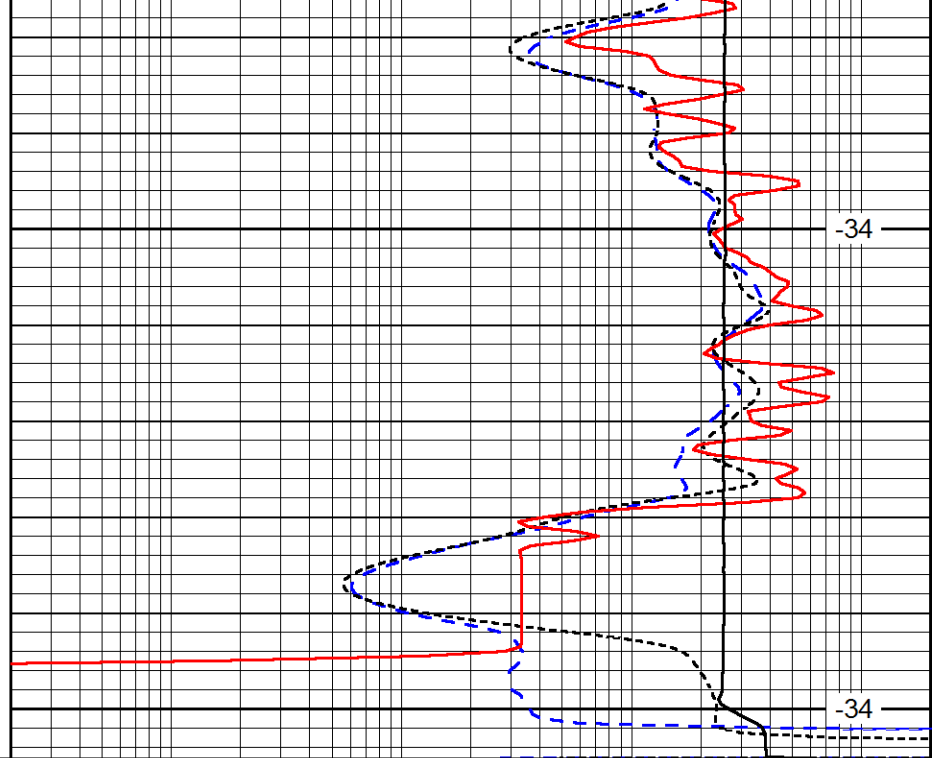
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0	Gamma Ray (GAPI)	150
-160	RxoRt	40
-200	SP (mV)	0

6100

6150



0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)