



Fold Here					
<p>In making interpretations of logs, Contractors employees will give the Customer the benefit of their best judgement, but since all interpretations are opinions, based on inferences from electrical or other measurements, Contractor cannot, and does not guarantee the accuracy or the correctness of any interpretation.</p> <p style="text-align: right;">ANTARES GeoBase Software - Copyright (c) 1997 - 2013 ANTARES Datensysteme GmbH</p>					
<p style="text-align: center;">REMARKS</p> <p style="text-align: center;">SO# 2-014110</p> <p style="text-align: center;">LOG CORRELATED TO GL</p>					
EQUIPMENT DATA					
Run	Trip	Instrument	Serial No.	Series No.	Distance to Reference
		Cable Head	1809CableHead	None	0.000 ft
		TCMRT	1831A	023	2.690 ft
		Telemetry	0930A	024	7.562 ft
		Compensated Neutro	1468A	015	11.860 ft
		Bull Plug	BP	None	19.409 ft

16 30 ft

## TCMRT

Identifier : 1831A  
Asset Number : 023  
Length : 4.872 ft  
Diameter : 3.4 inch  
Weight : 103.6 lbs  
Measure Point : 2.575 ft : BHT  
Measure Point : 2.838 ft : Mud  
Measure Point : 4.396 ft : Tension

## Telemetry

Identifier : 0930A  
Asset Number : 024  
Length : 4.298 ft  
Diameter : 3.4 inch  
Weight : 75.4 lbs  
Measure Point : 1.329 ft : GR

## Compensated Neutron

Identifier : 1468A  
Asset Number : 015  
Length : 7.549 ft  
Diameter : 3.4 inch  
Weight : 104.7 lbs  
Measure Point : 2.165 ft : Short  
Measure Point : 2.562 ft : Long

## Bull Plug

Identifier : BP  
Asset Number : None  
Length : 0.148 ft  
Diameter : 3.4 inch  
Weight : 6.6 lbs

Total Length : 19.56 ft  
Total Weight : 327.60 lbs  
Max Diameter : 3.4 inch

Tension  
Mud  
BHT

10.39 ft  
14.83 ft  
14.57 ft

GR 9.03 ft

Long  
Short 2.71 ft  
2.31 ft

0.00 ft

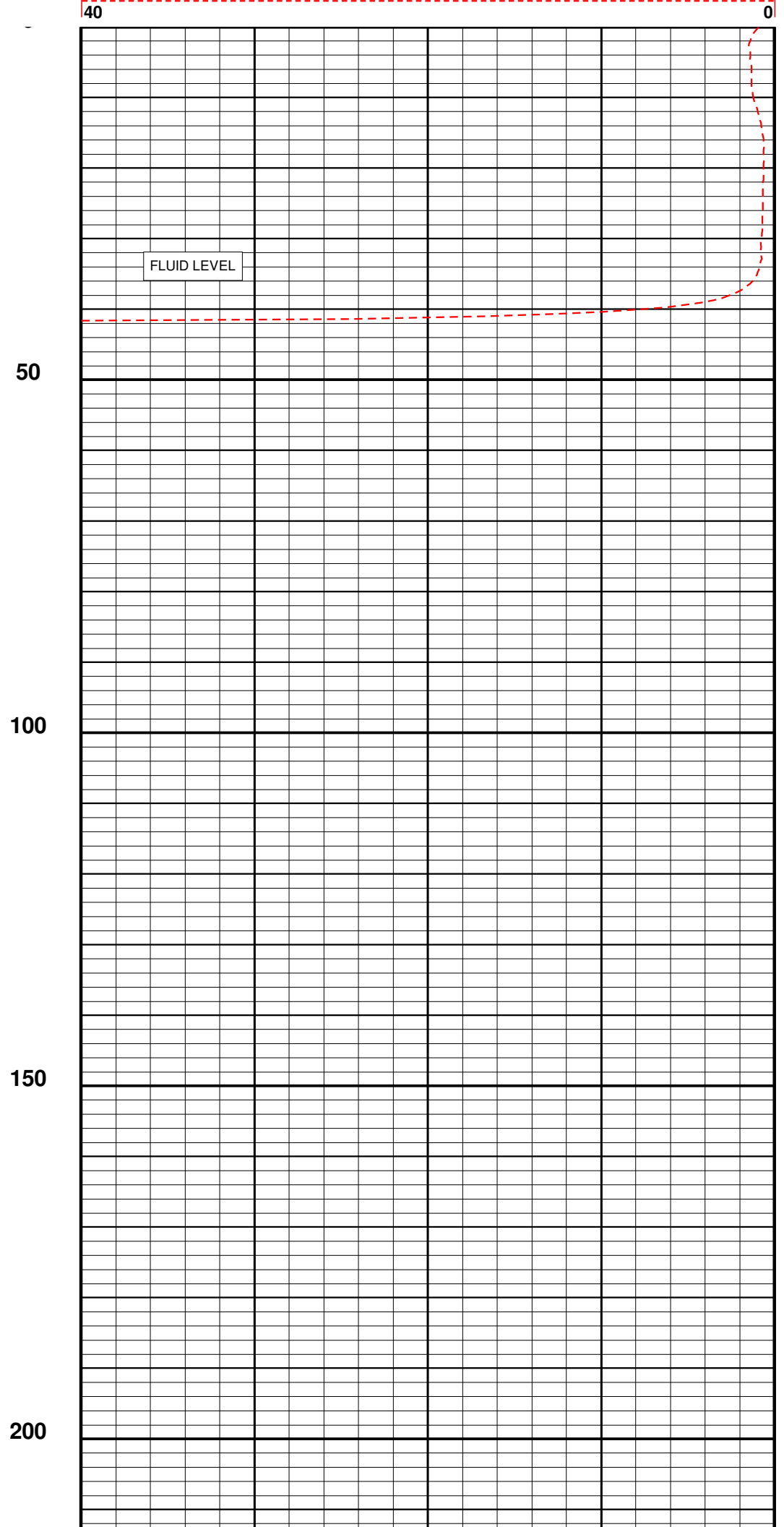
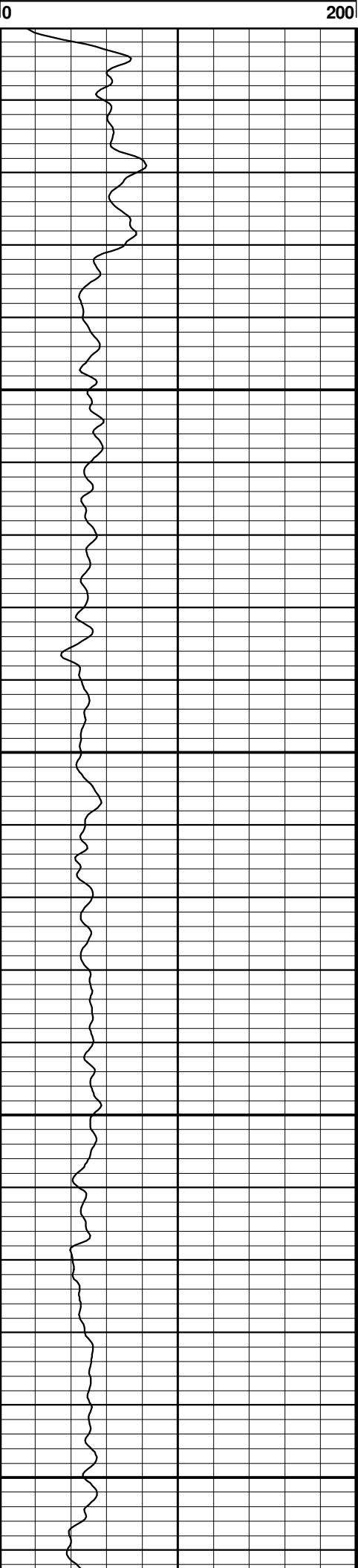
# 5" / 100' MAIN LOG

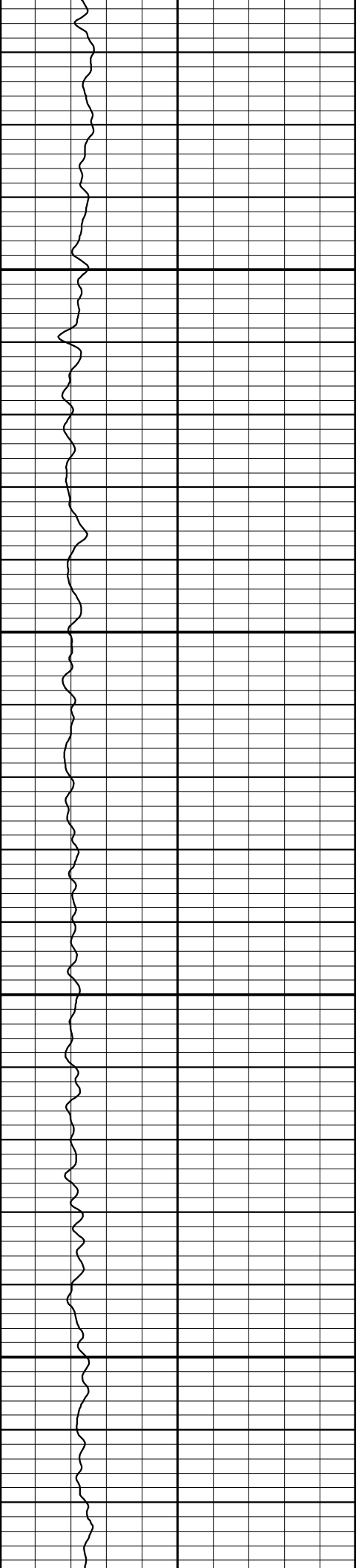
Company : PDC ENERGY  
Well : RIEDER 18Y-241  
Scale : 1 : 240  
Depth in : ft  
Software : WinAPIot Ver. 5, 91, 4, 0

Date : 20.08.2015  
Time : 13:01:31  
Remarks : SO# 2-014110  
File Name : RIEDER 18Y-241\_MAIN PASS

GAMMA RAY (gAPI)

COMPENSATED NEUTRON (pu)



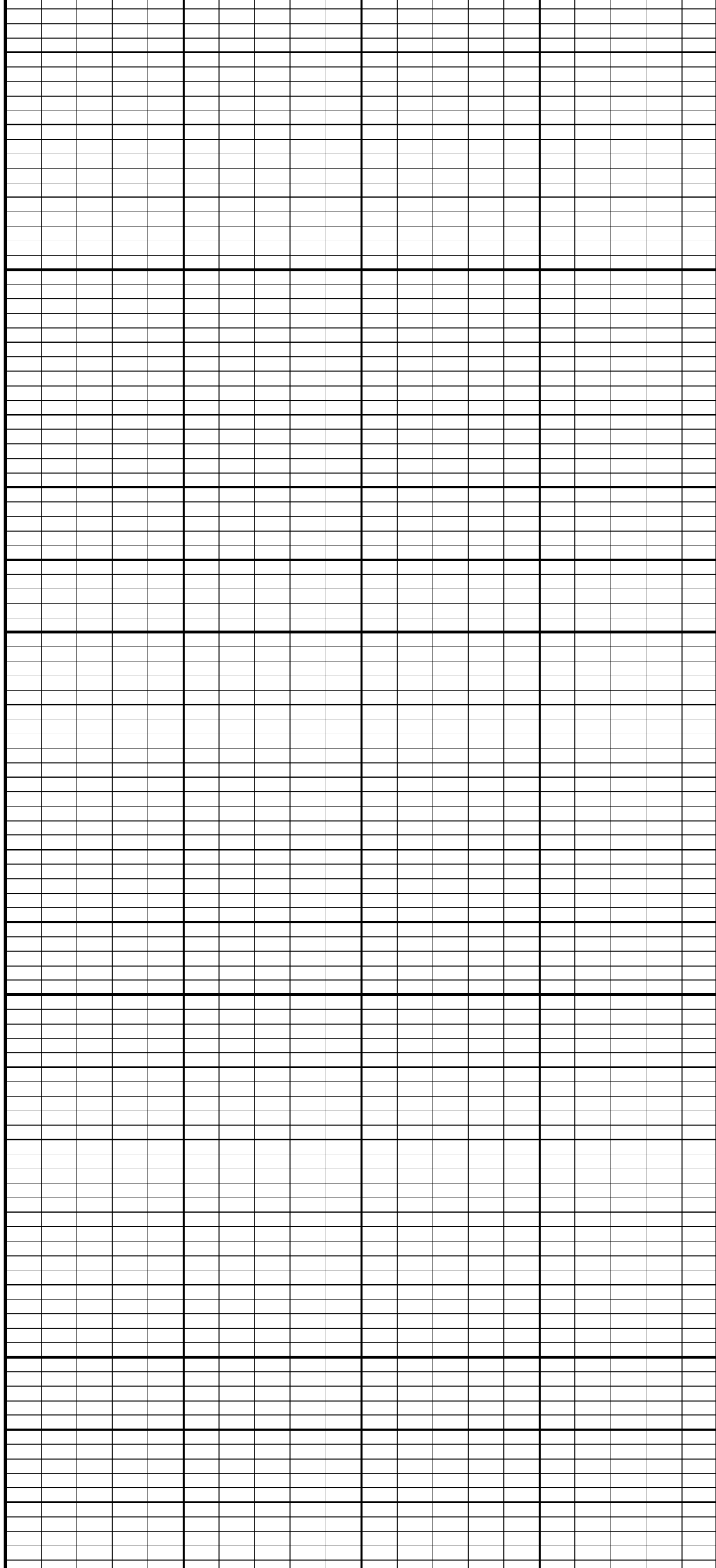


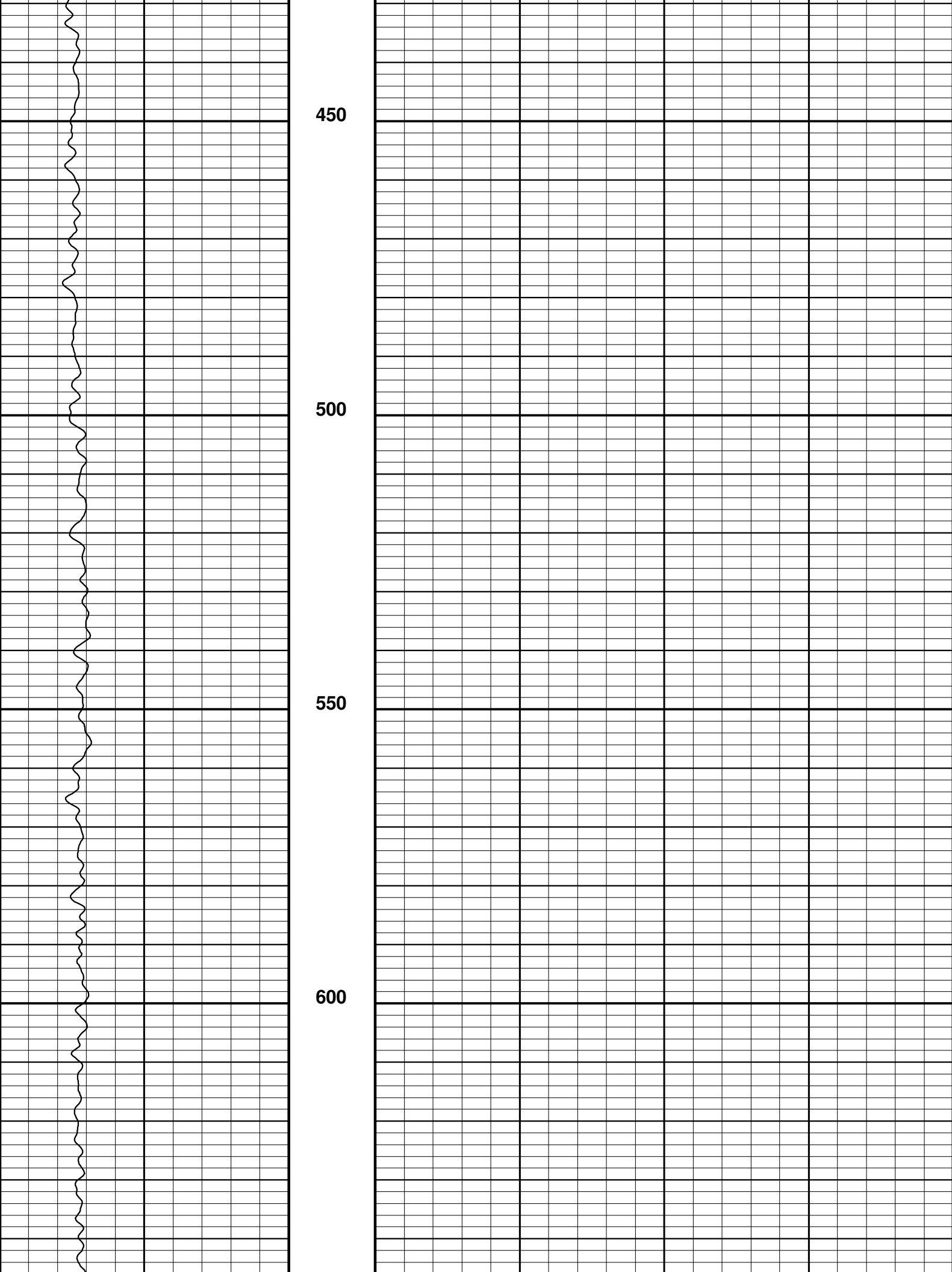
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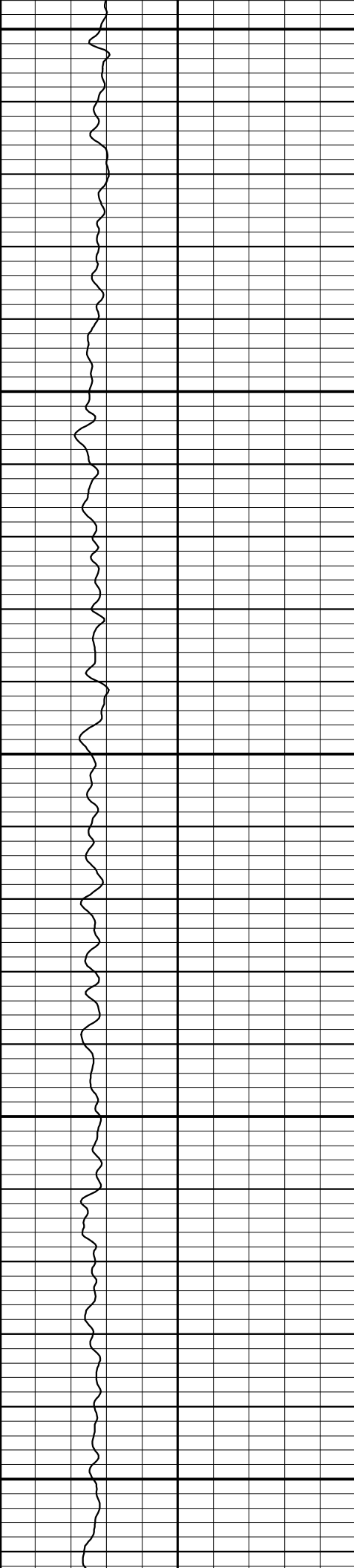
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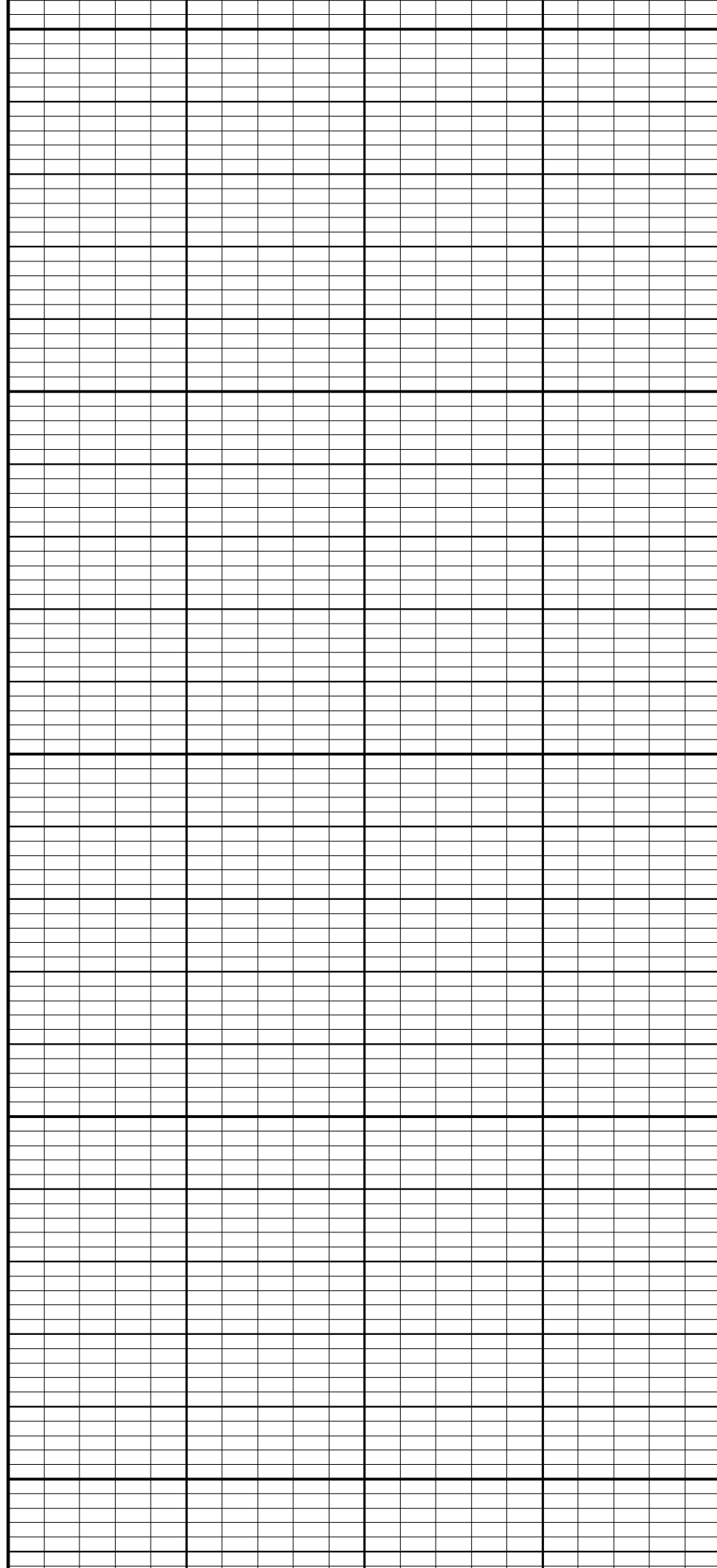
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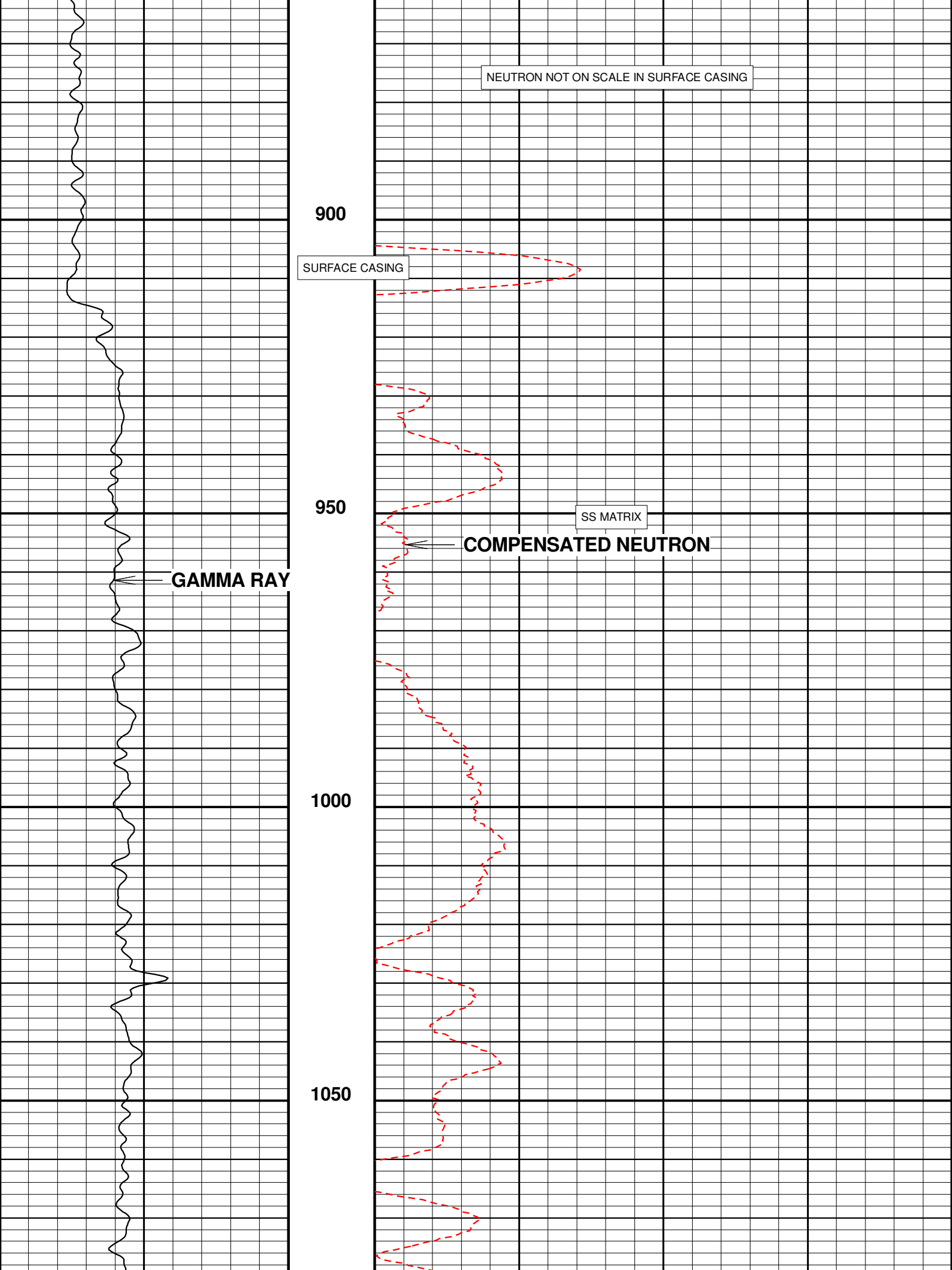
700

750

800

850





NEUTRON NOT ON SCALE IN SURFACE CASING

900

SURFACE CASING

950

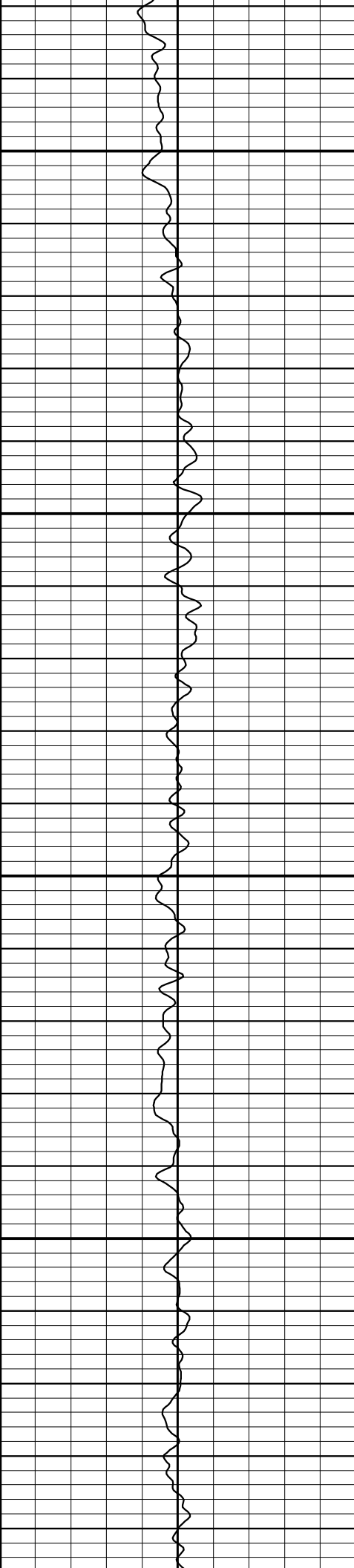
SS MATRIX

COMPENSATED NEUTRON

GAMMA RAY

1000

1050

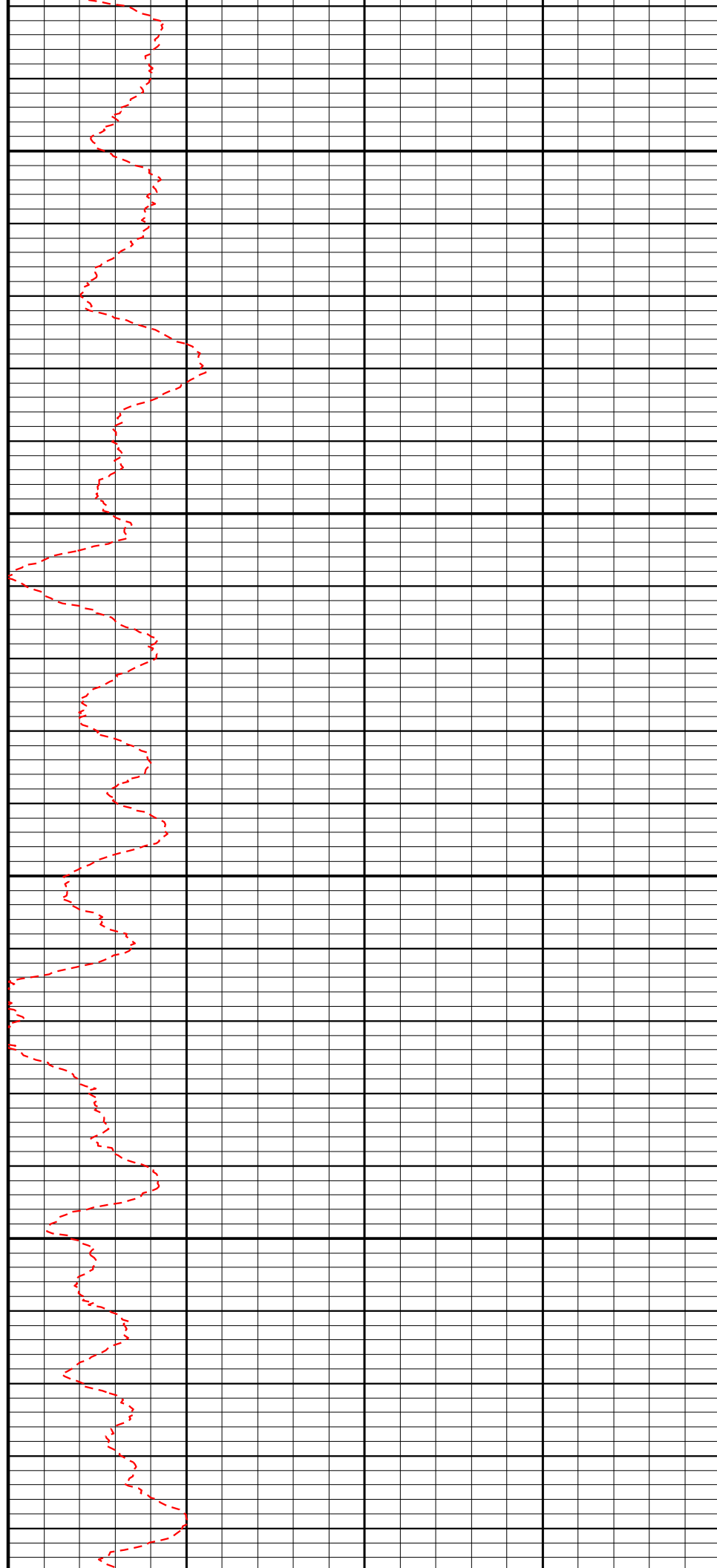


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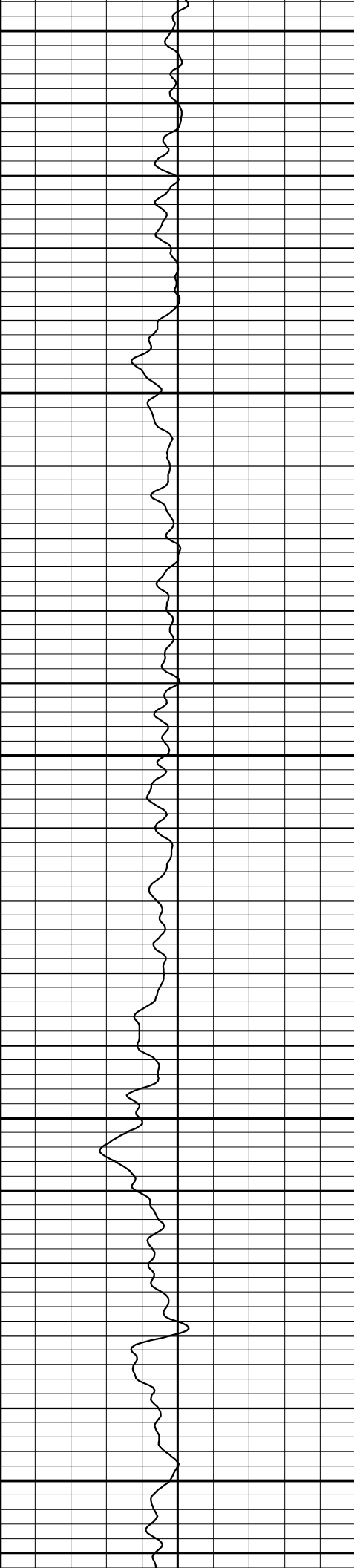
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1200

1250







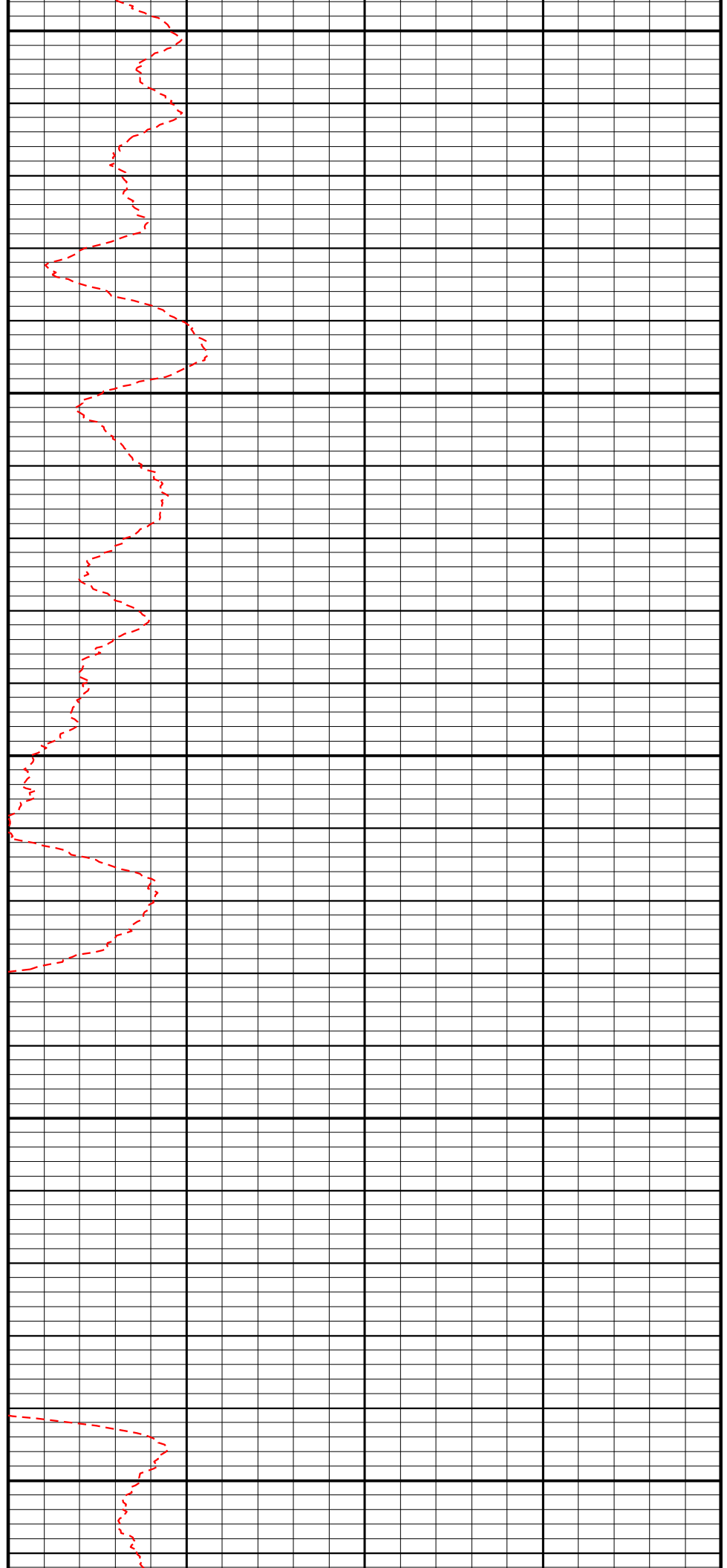
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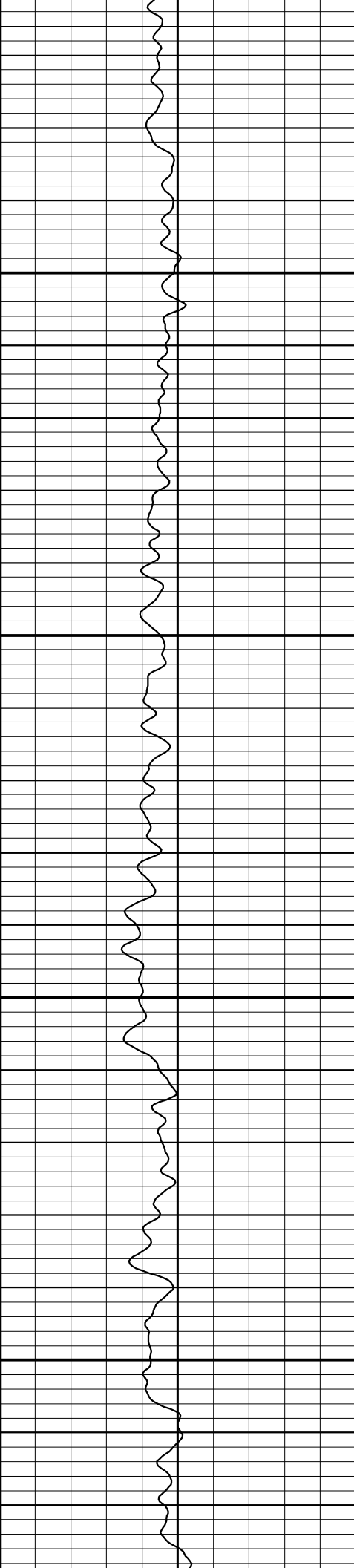
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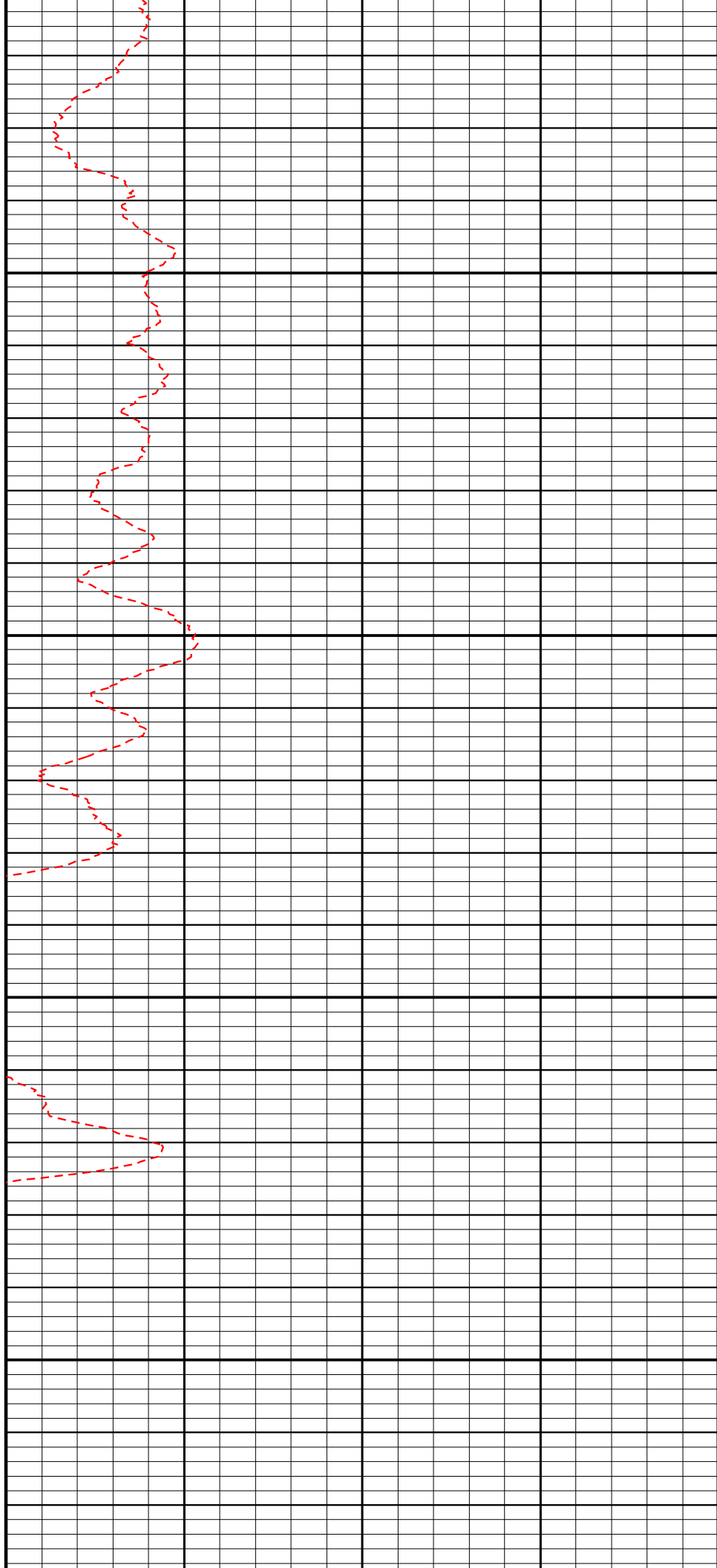


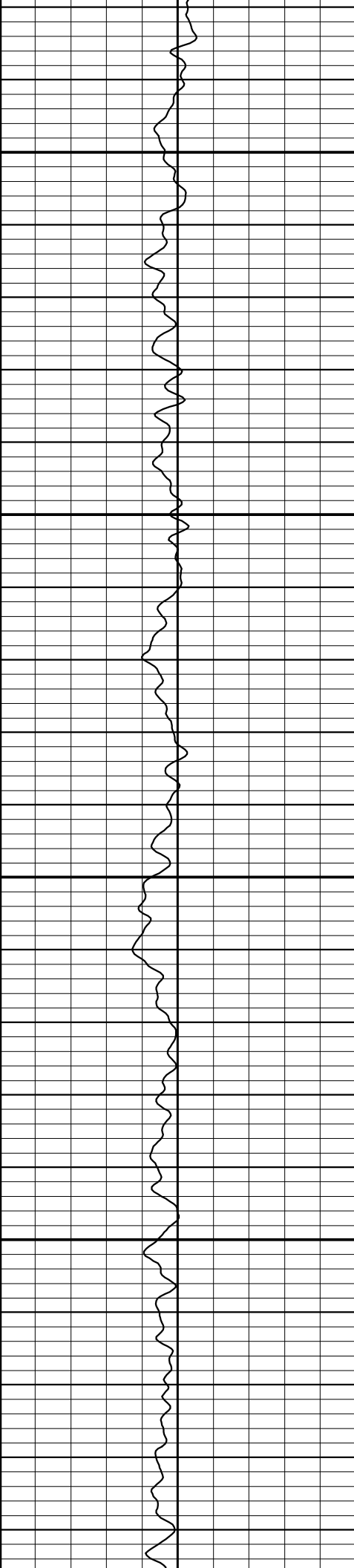
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1700



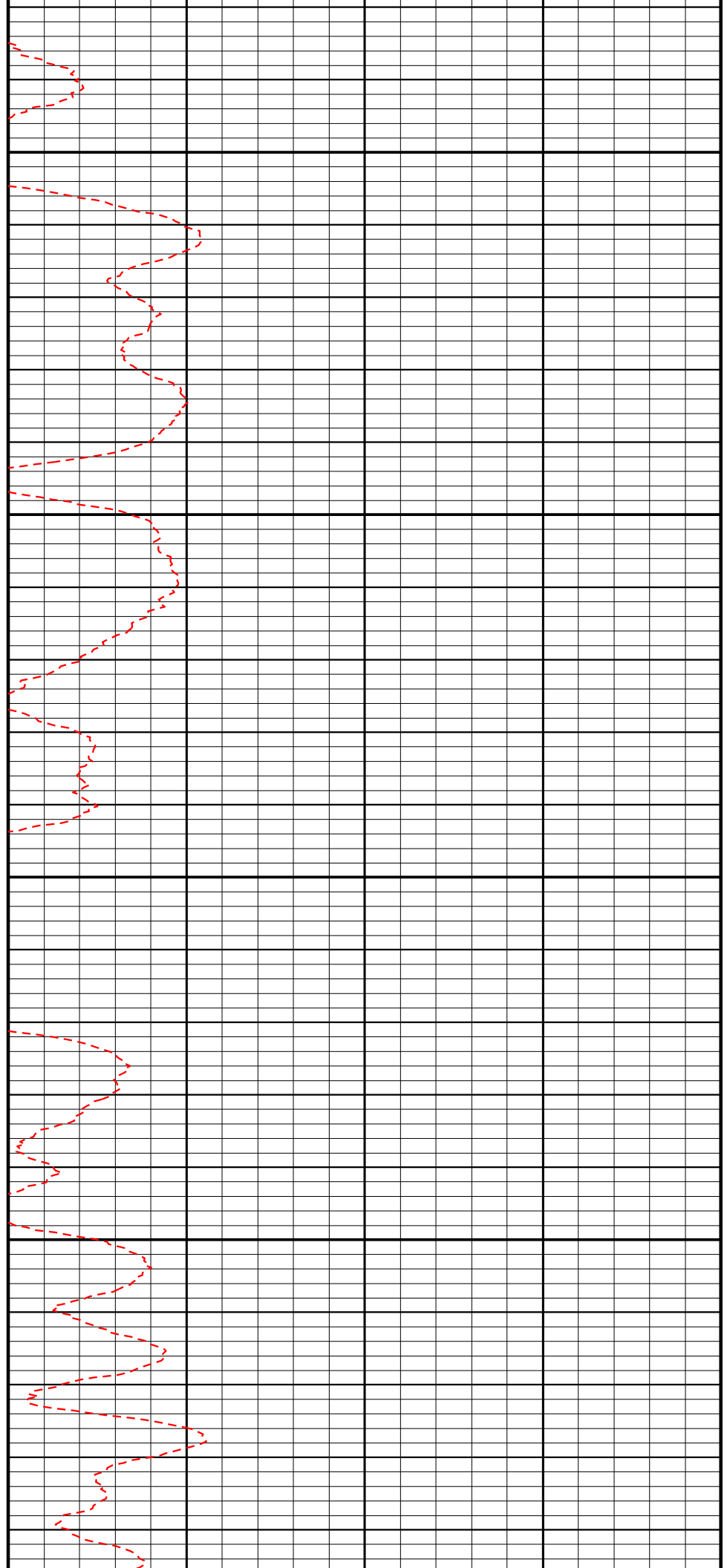


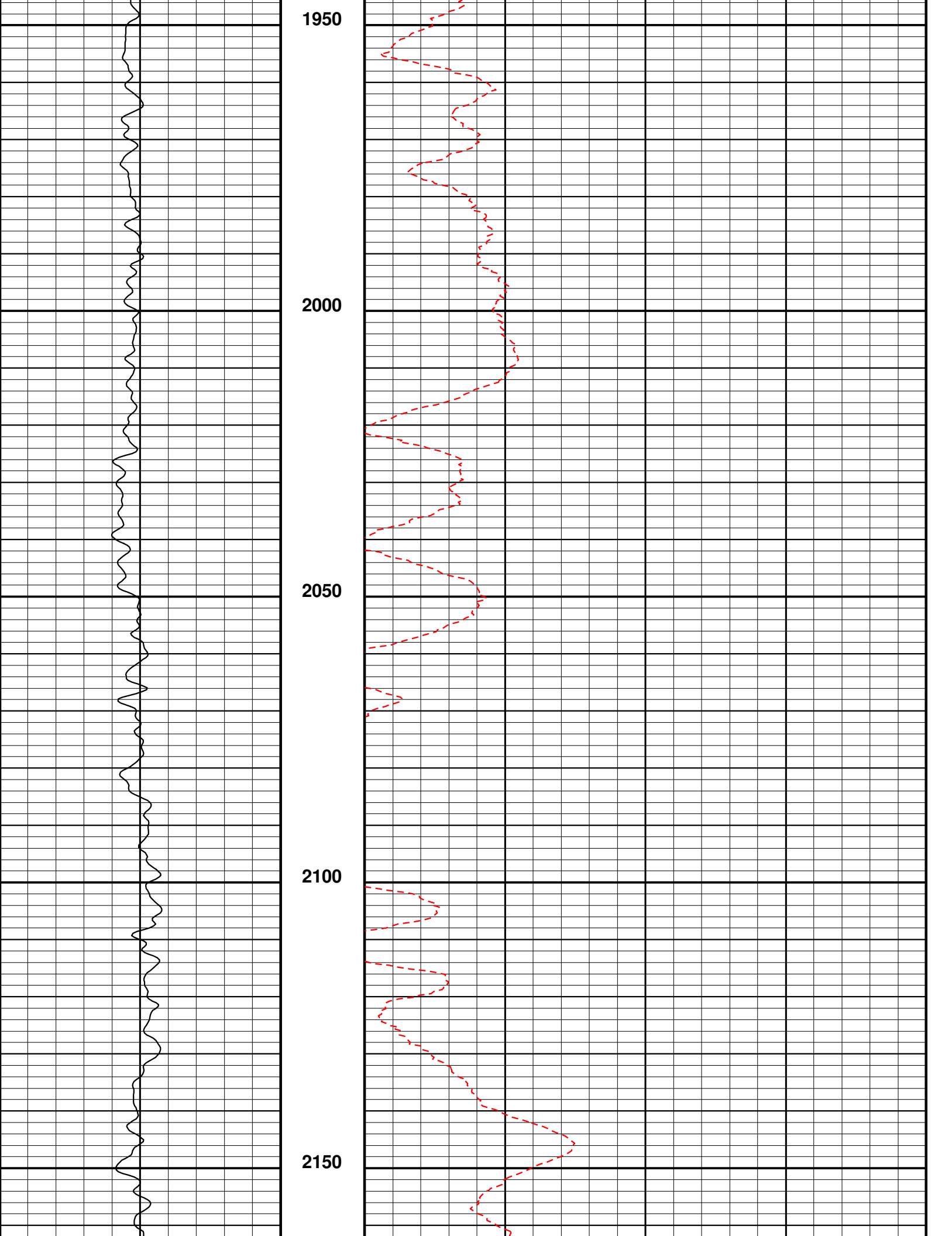
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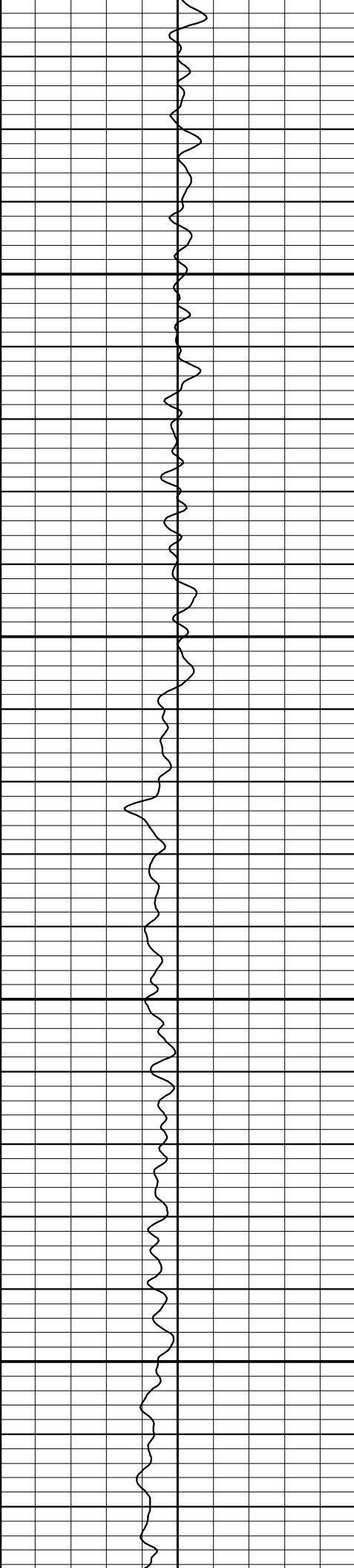
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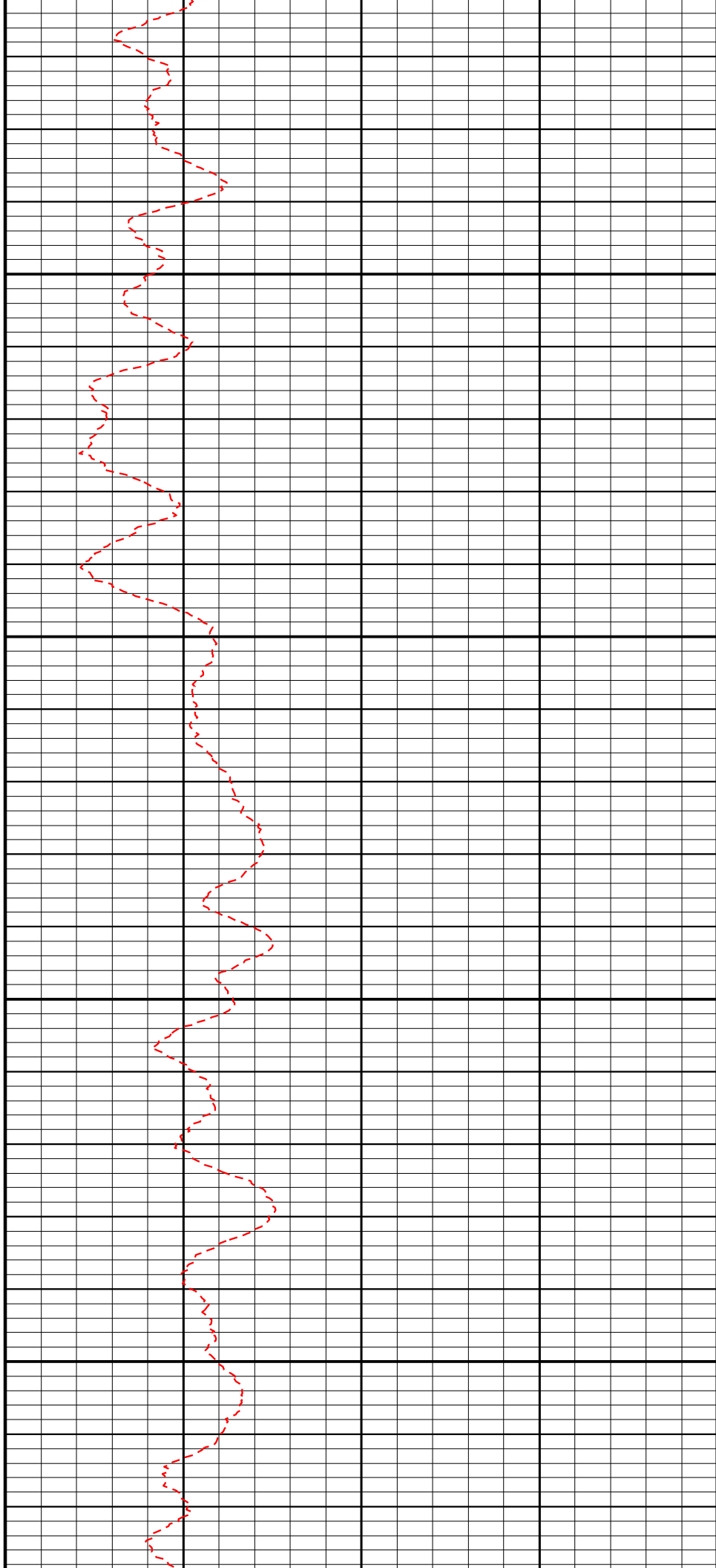


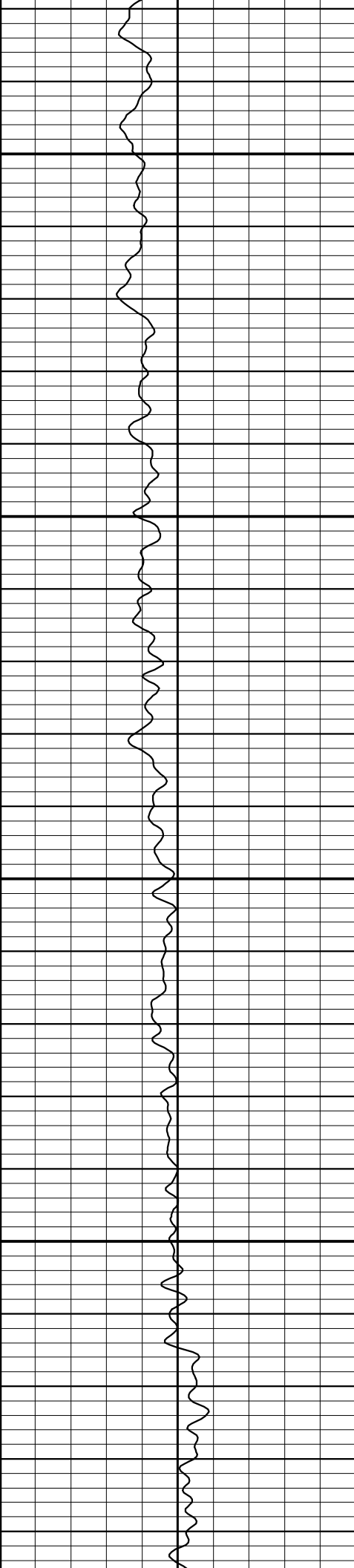
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2300

2350



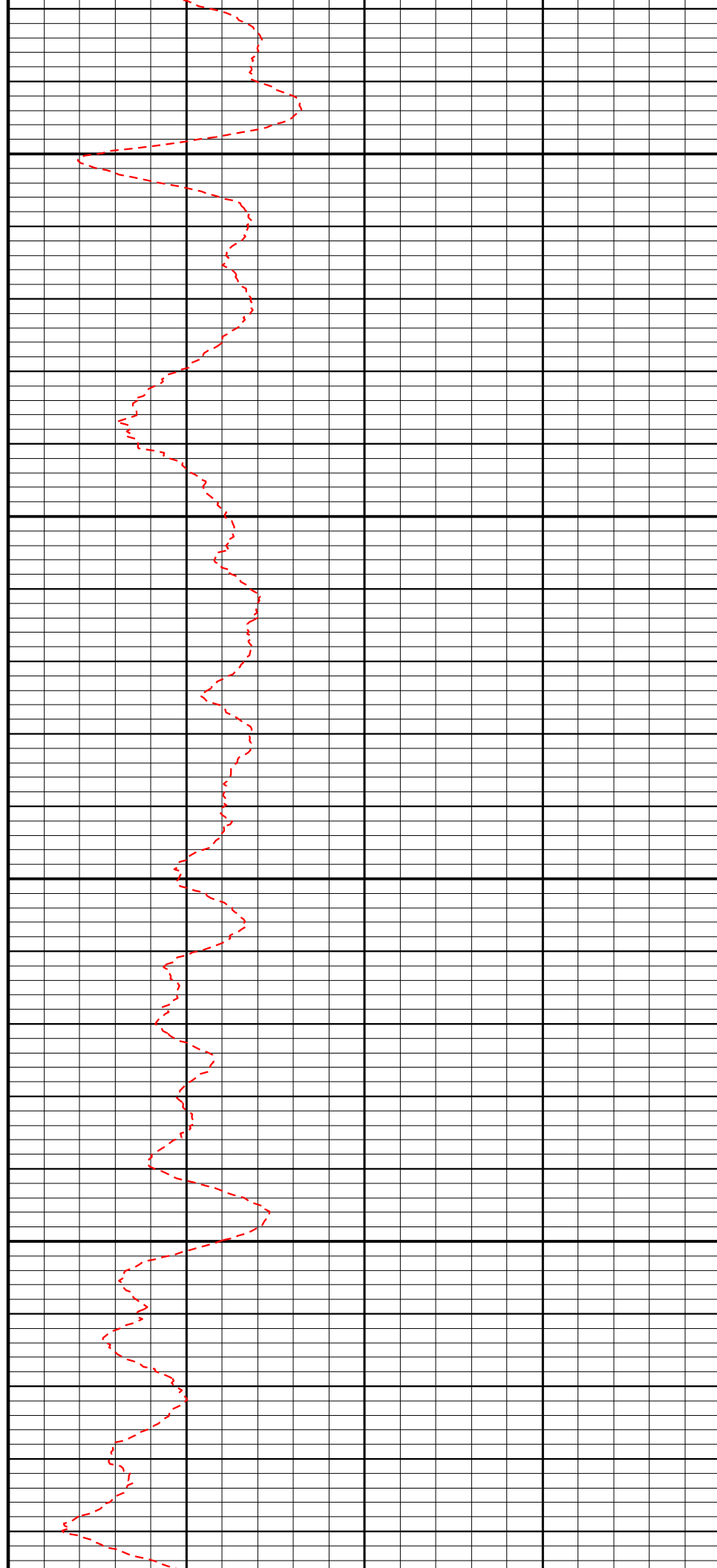


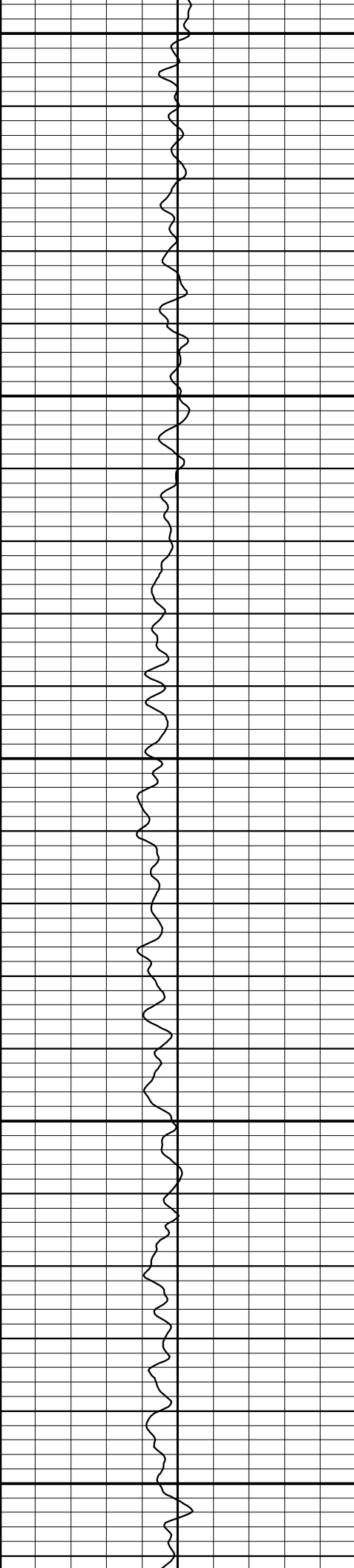
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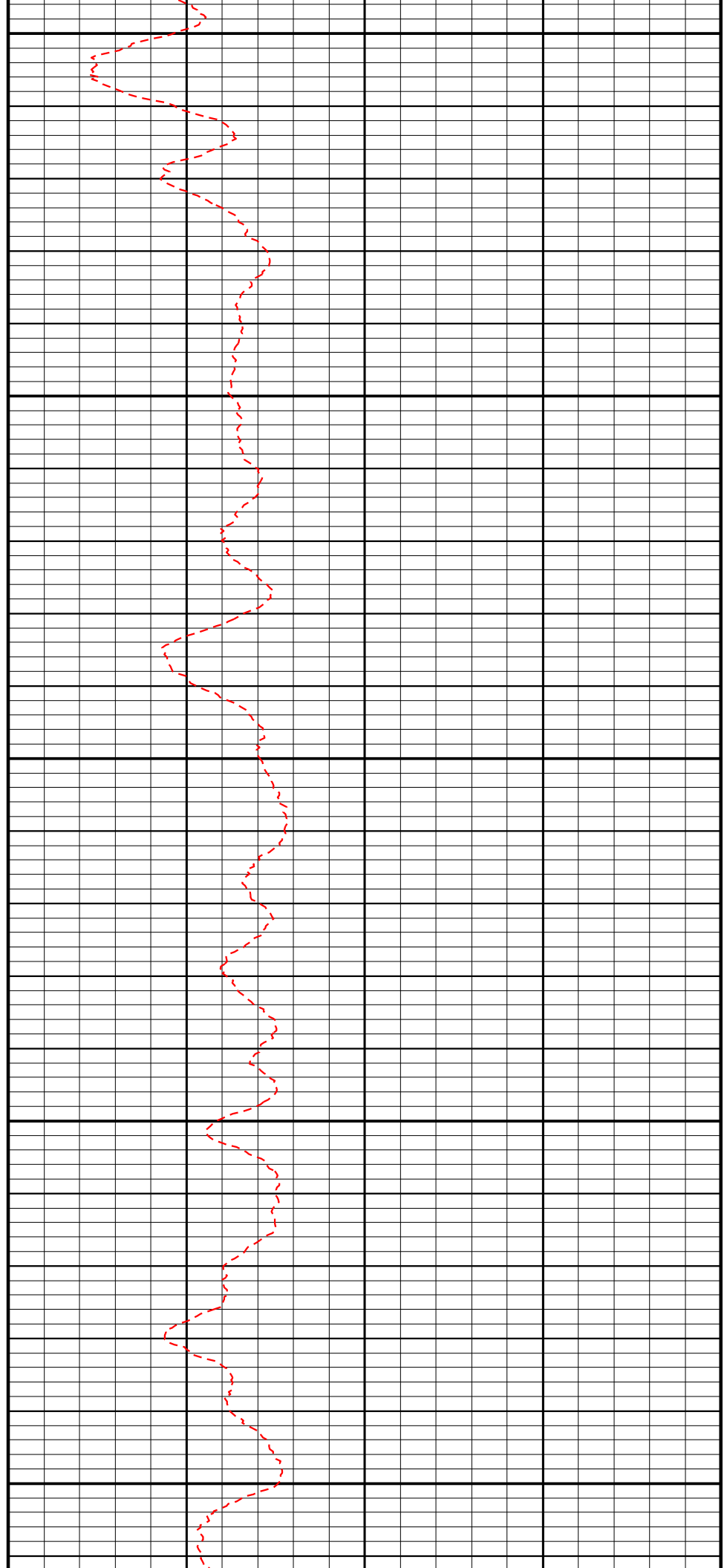
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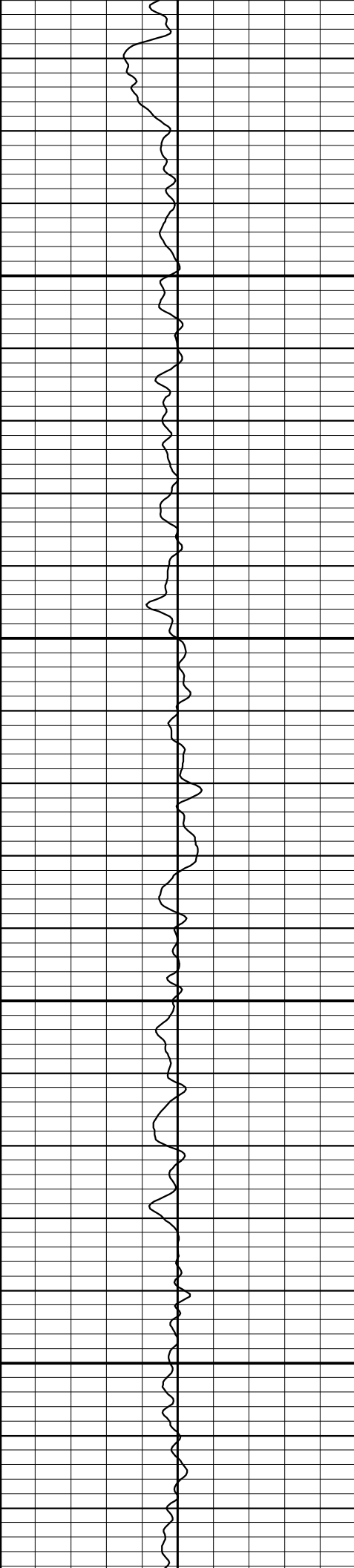
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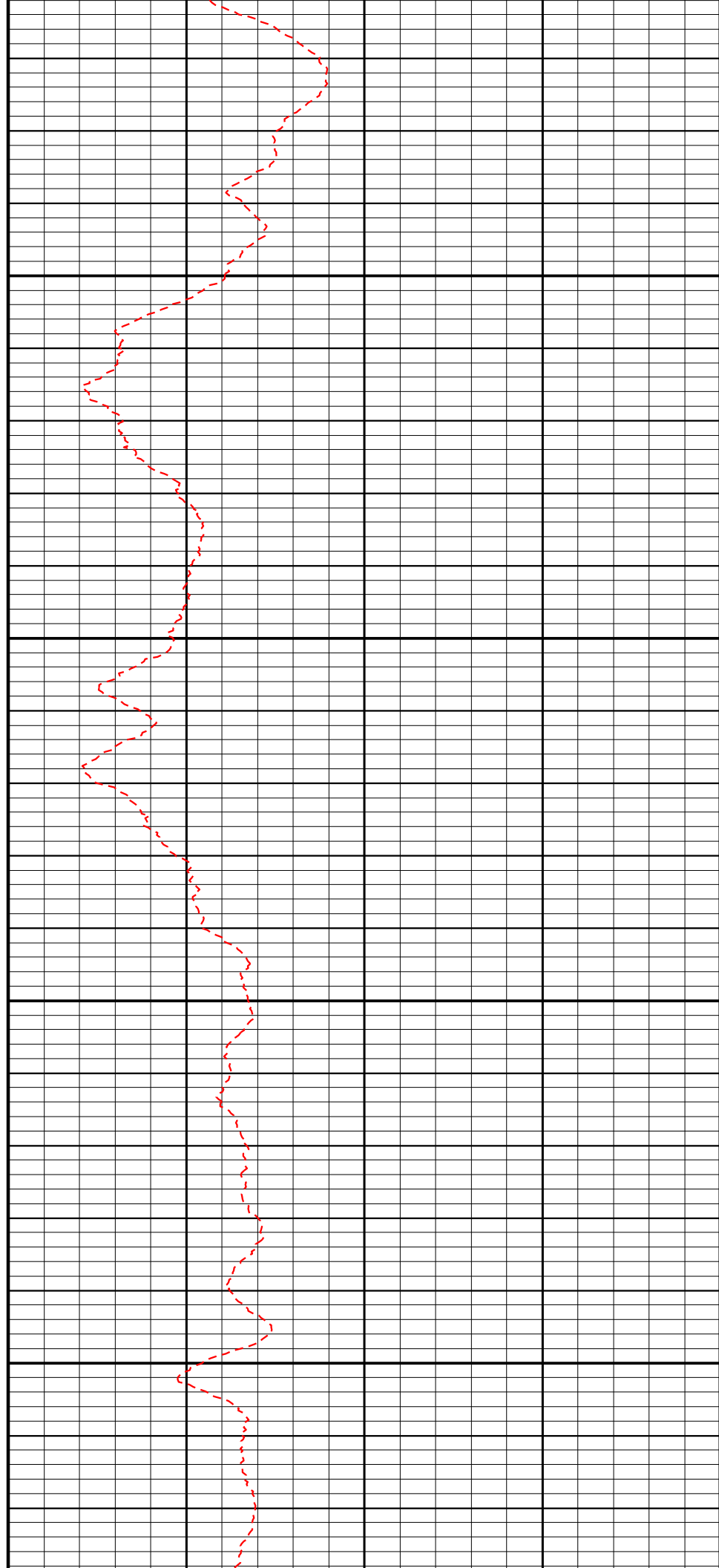


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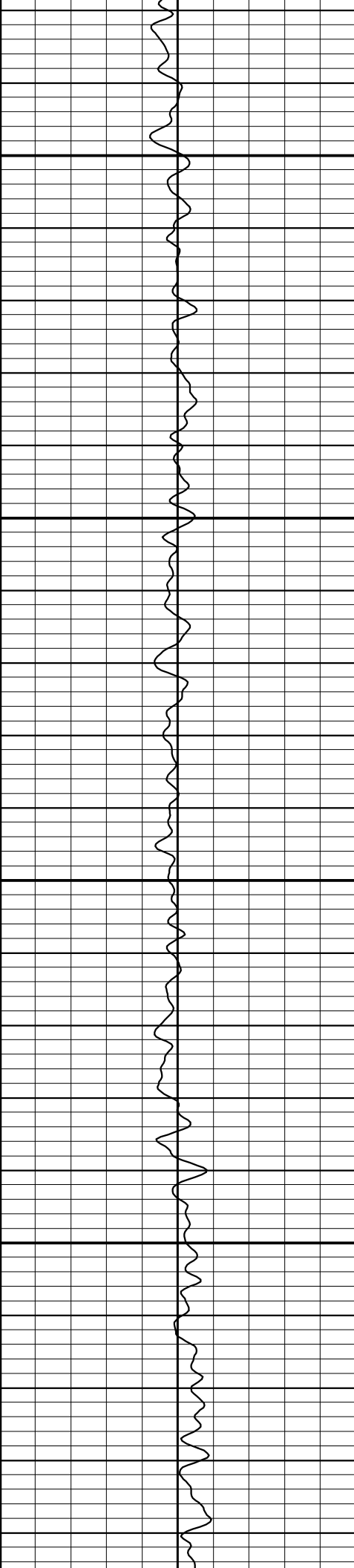
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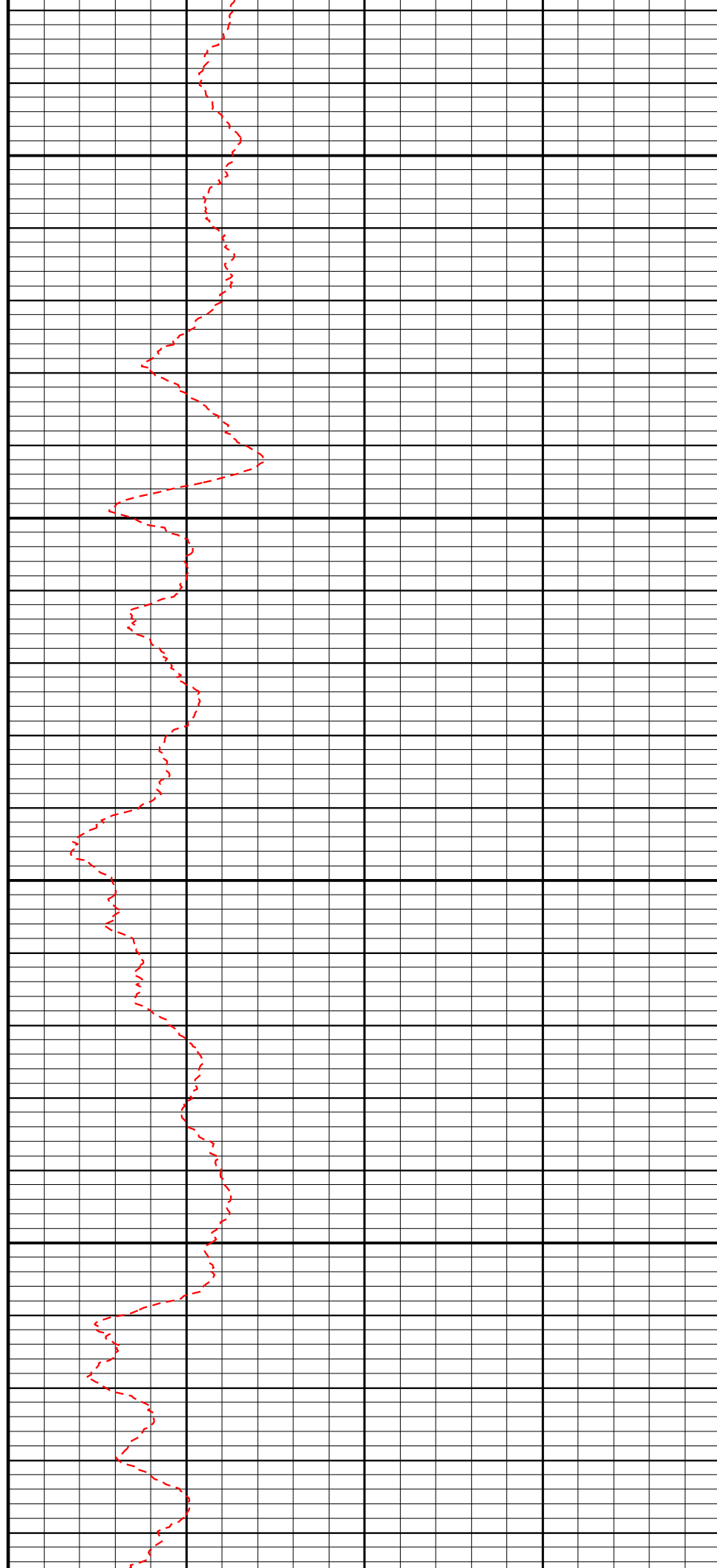


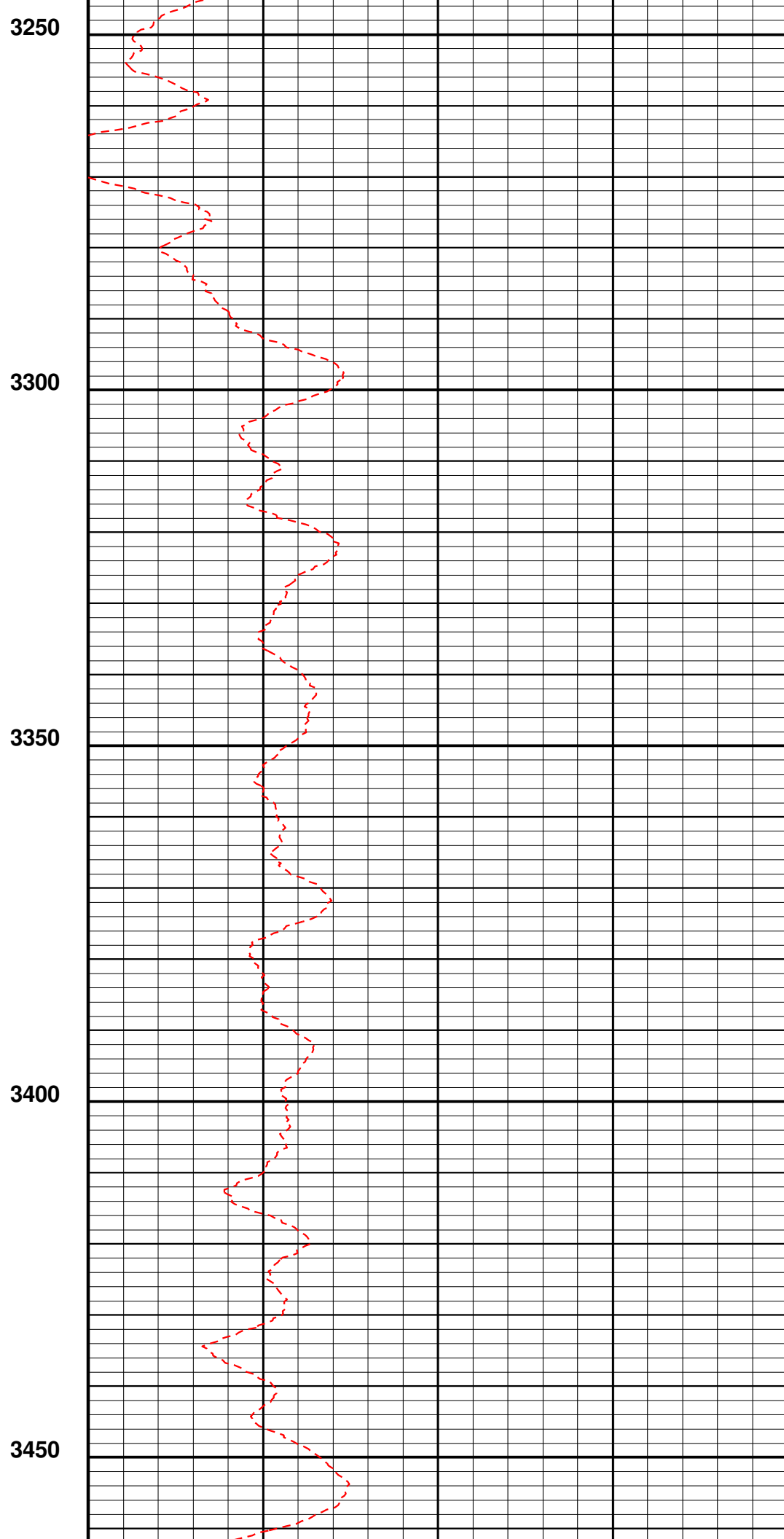
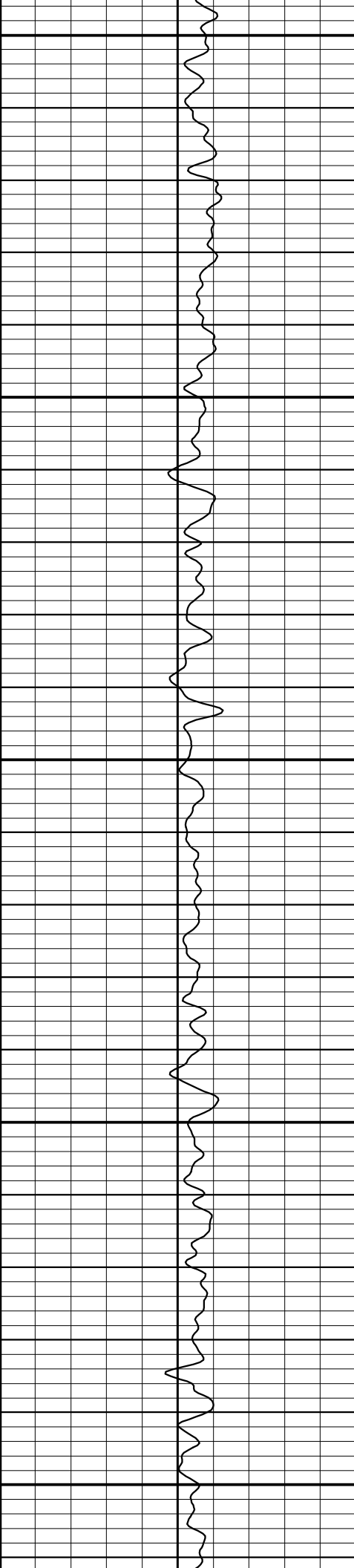
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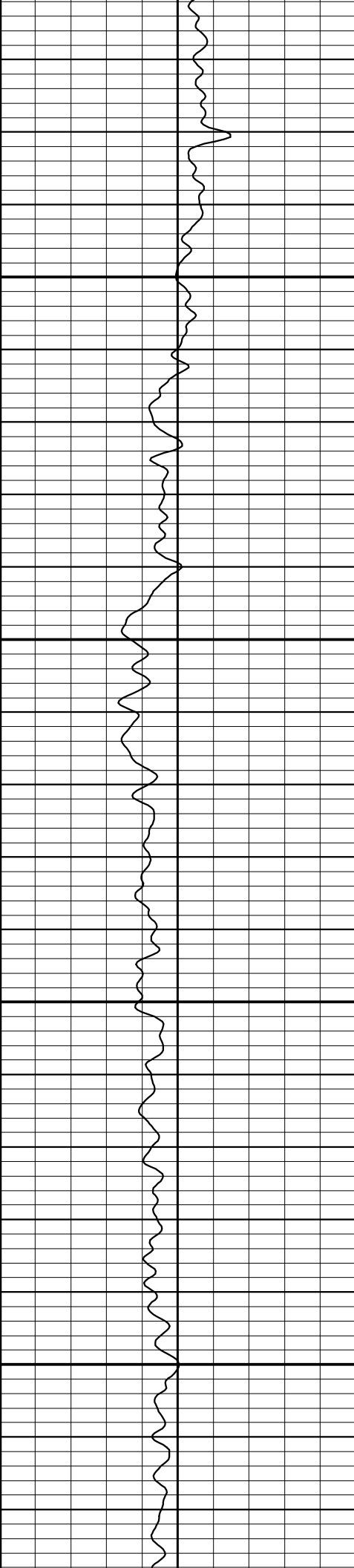
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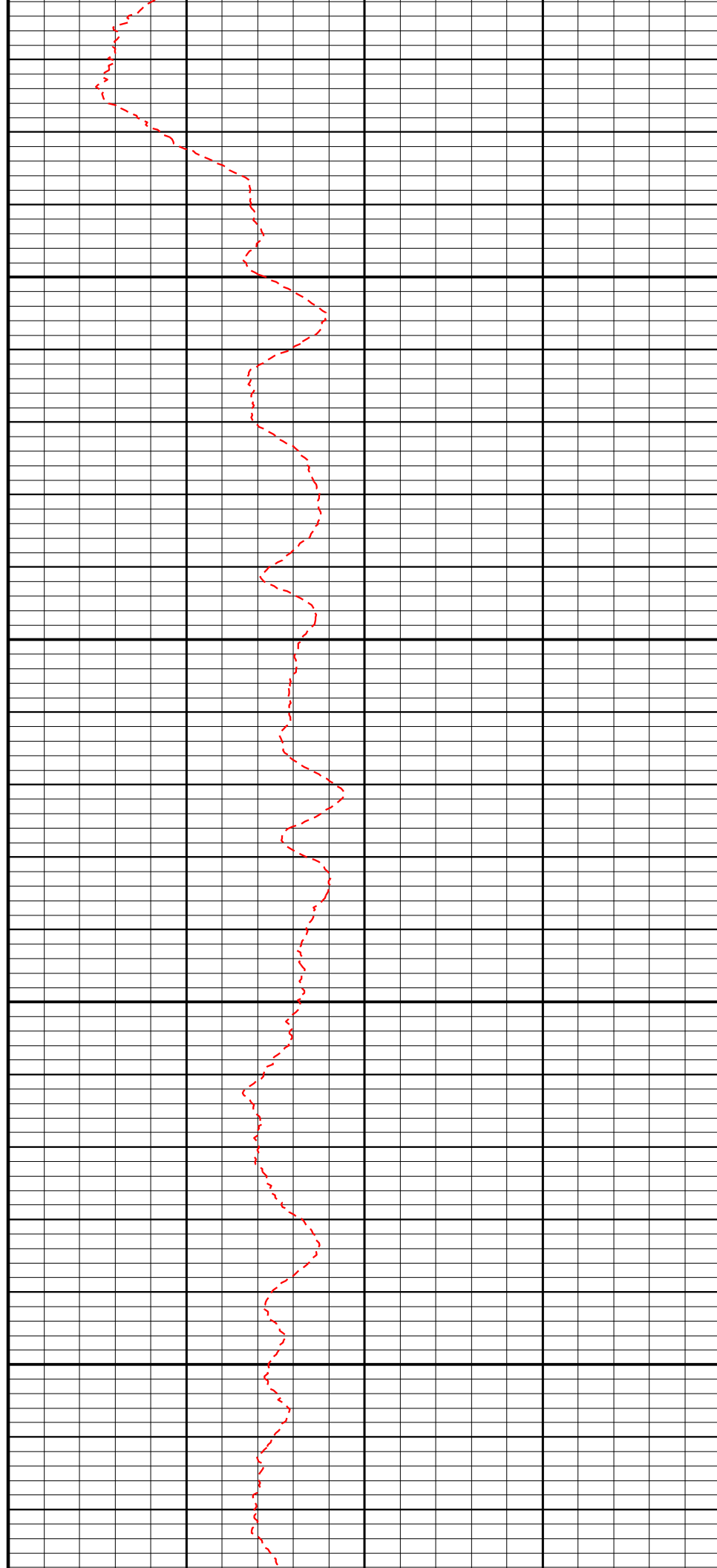


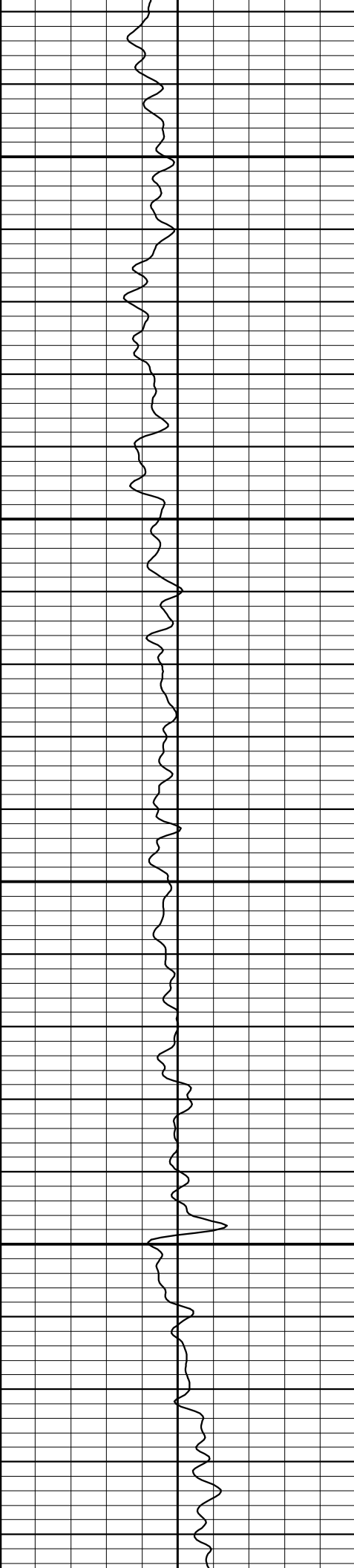
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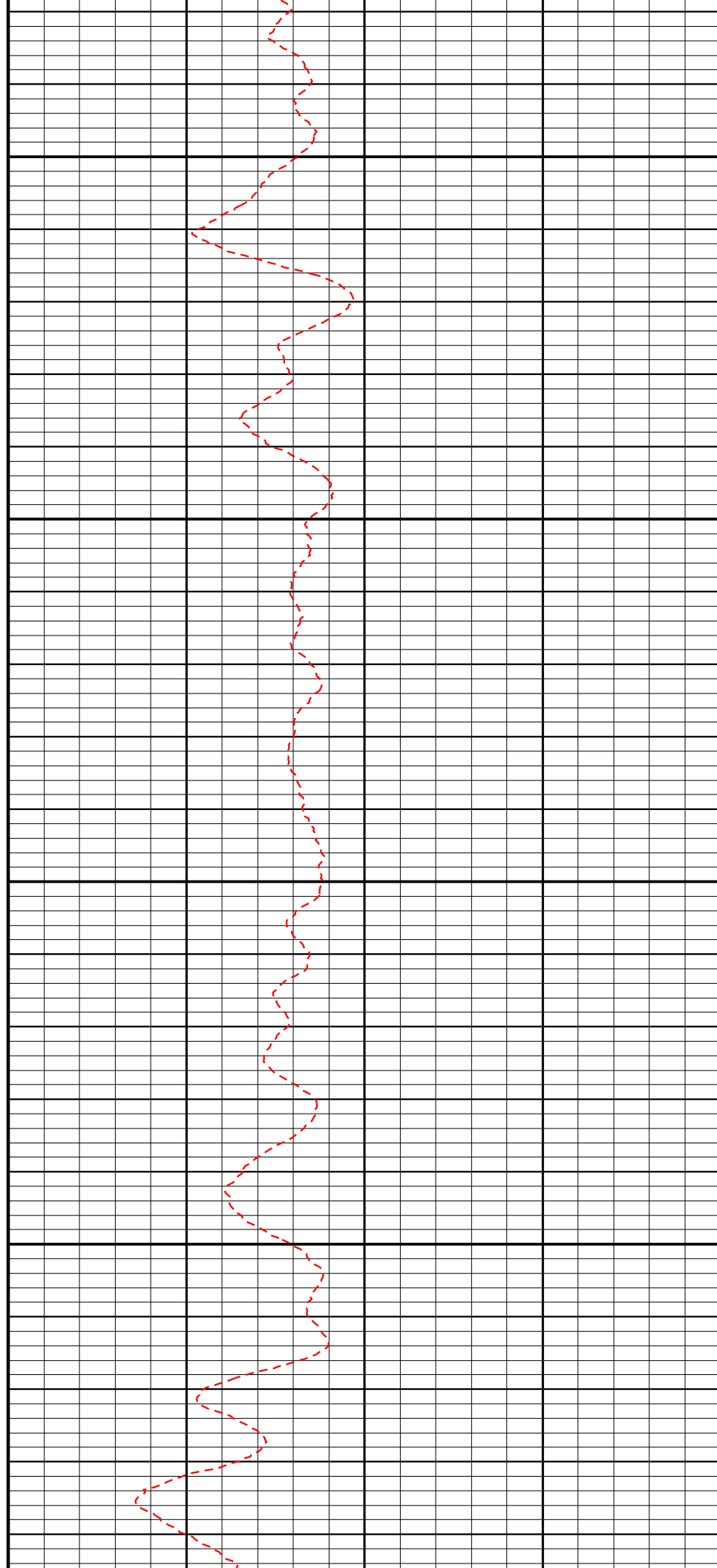


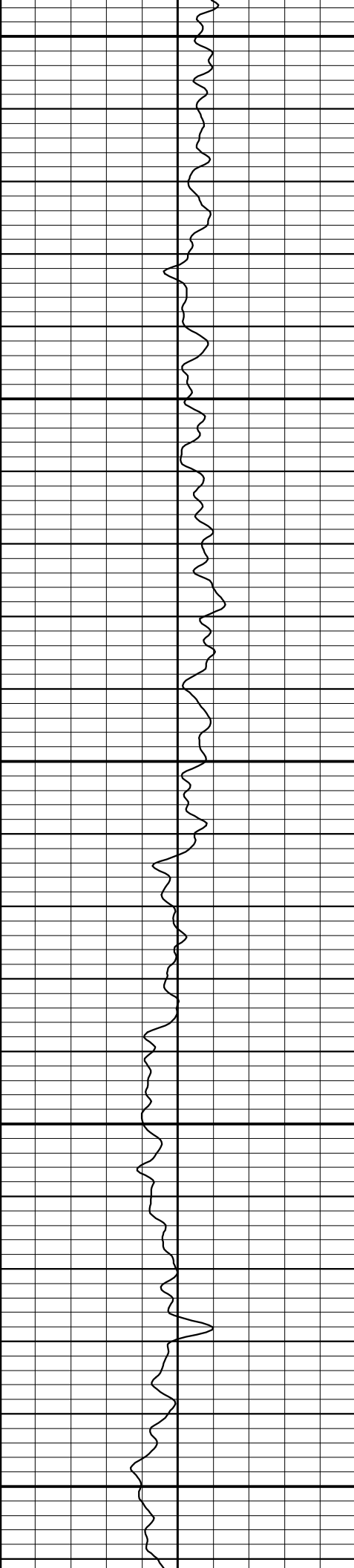
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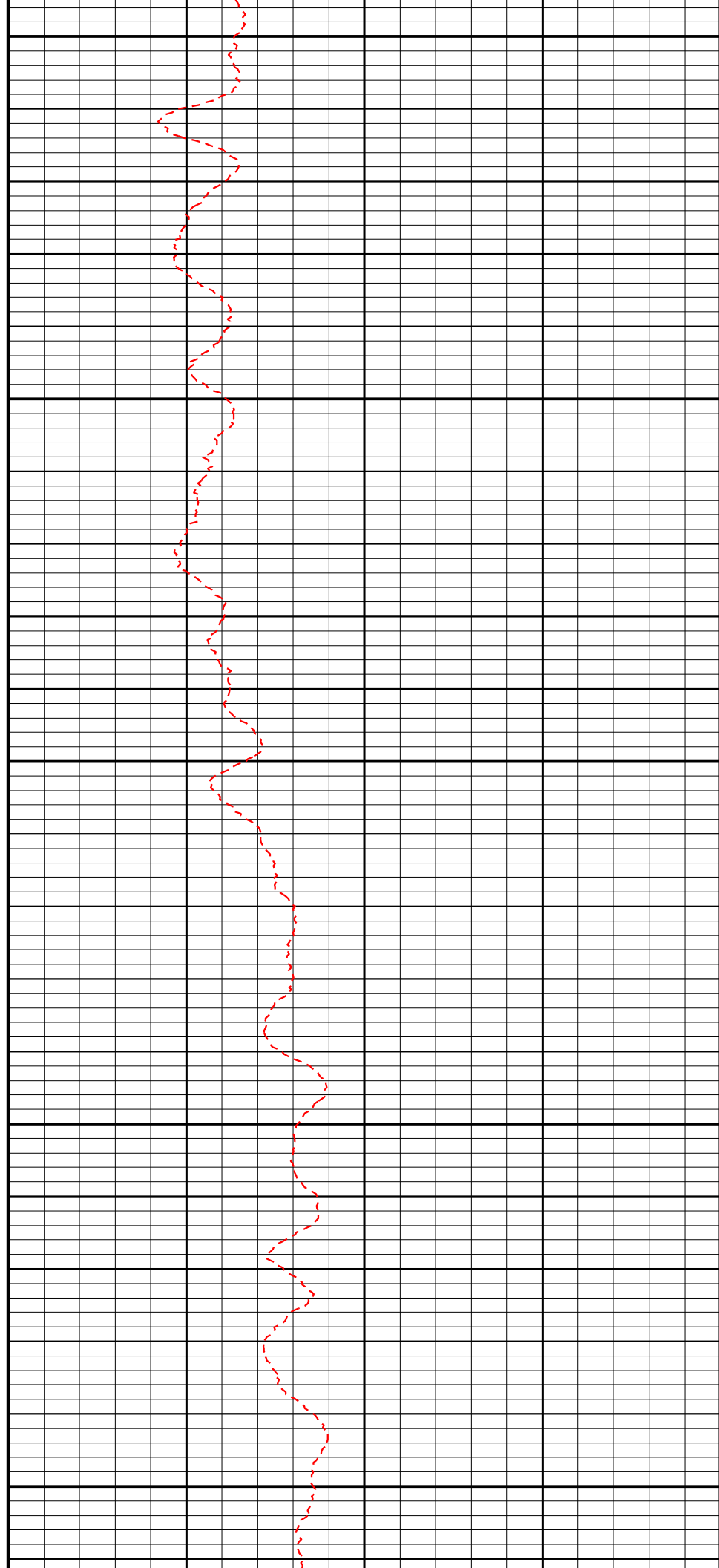
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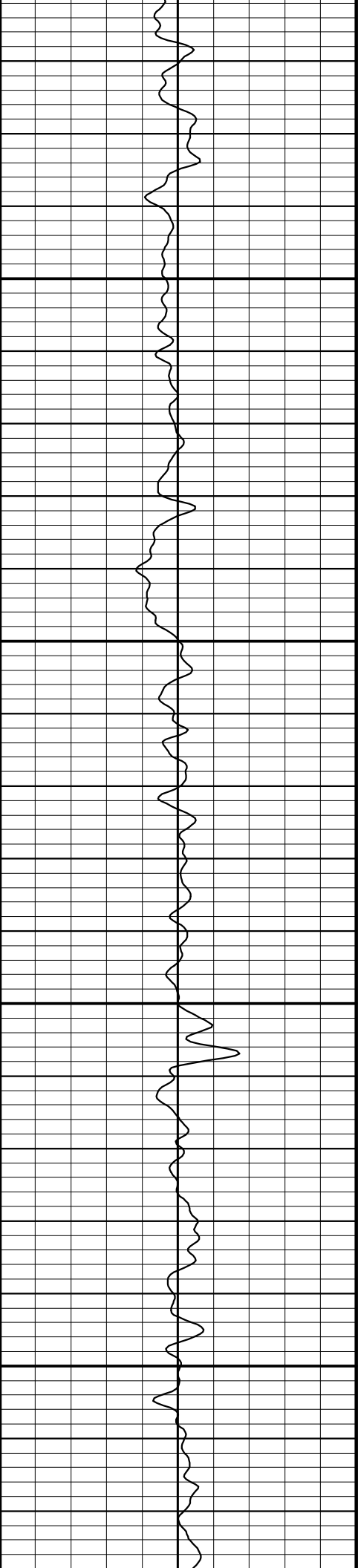
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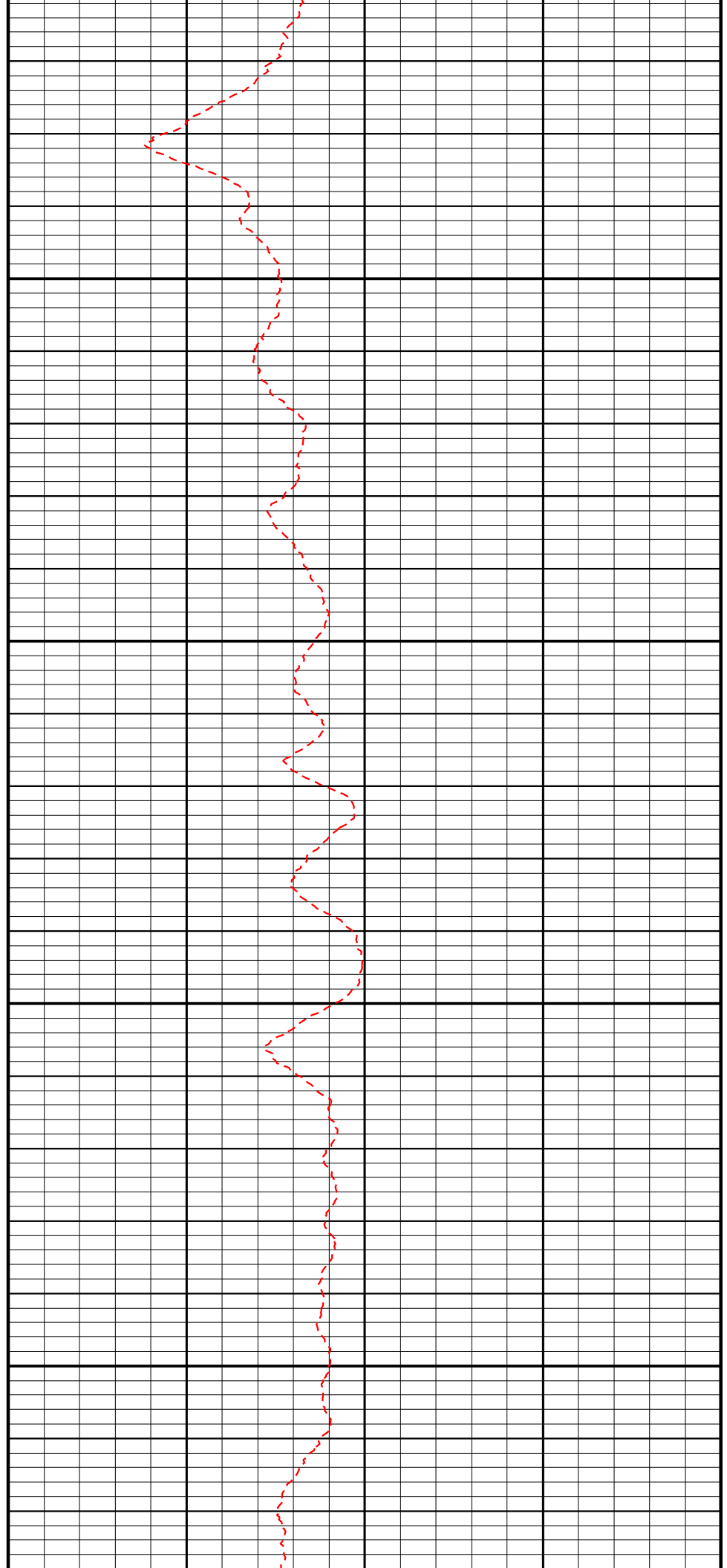


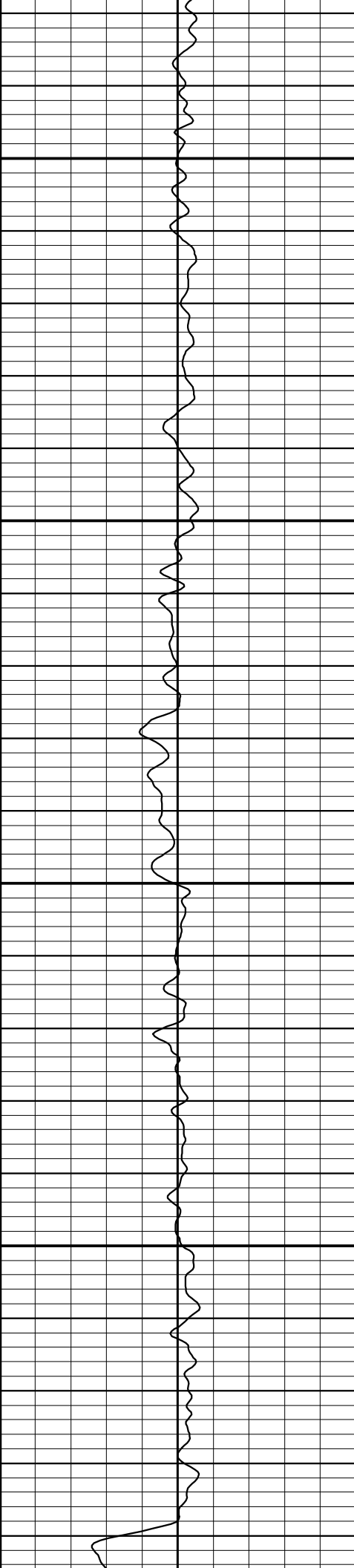
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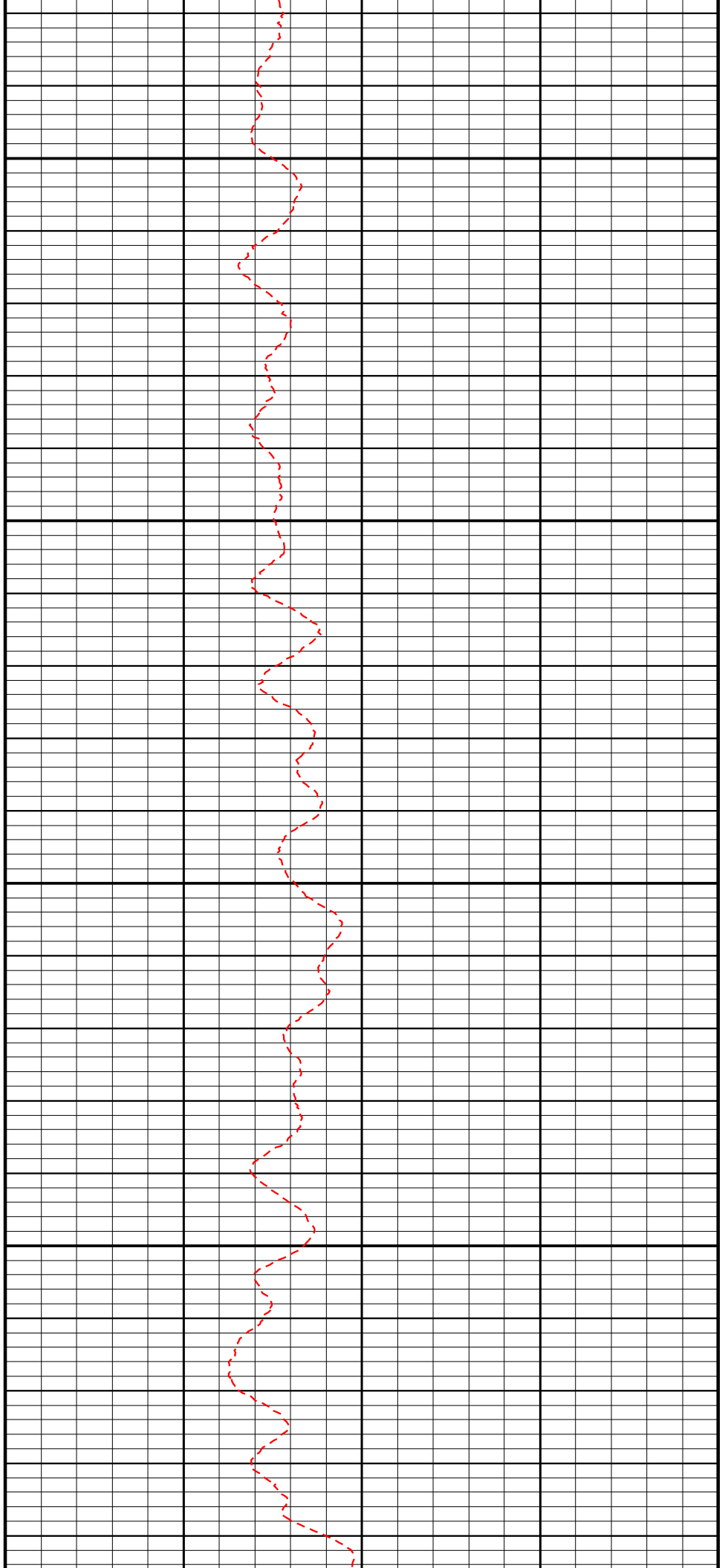


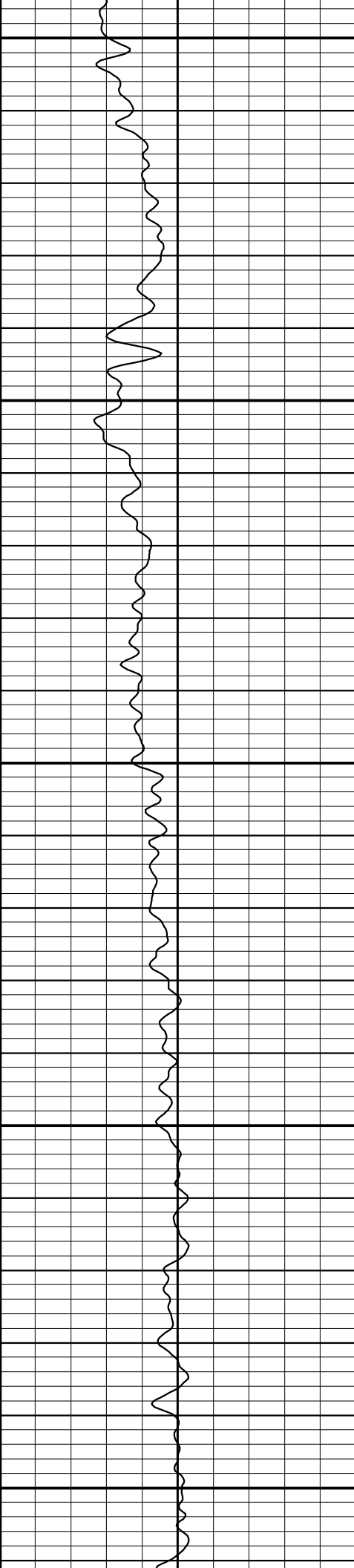
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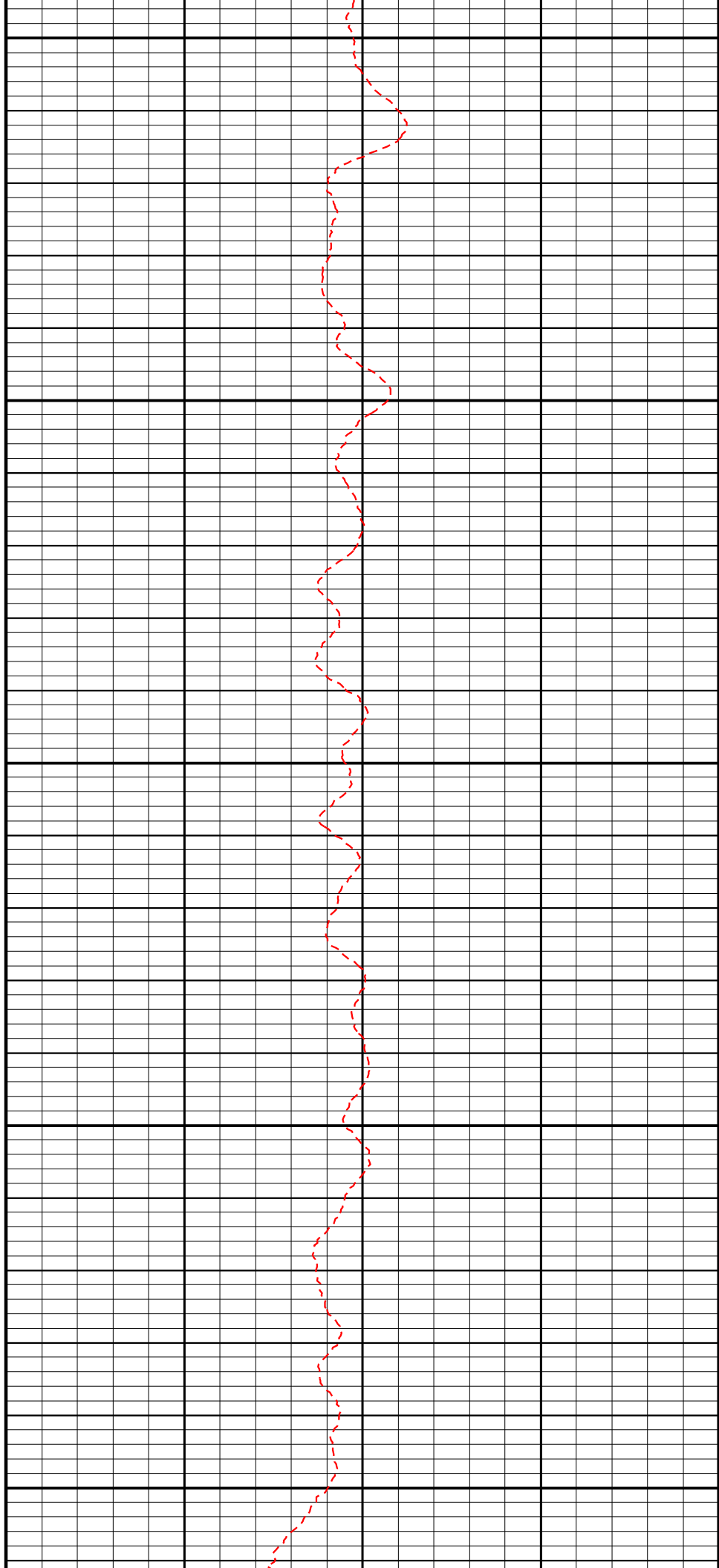
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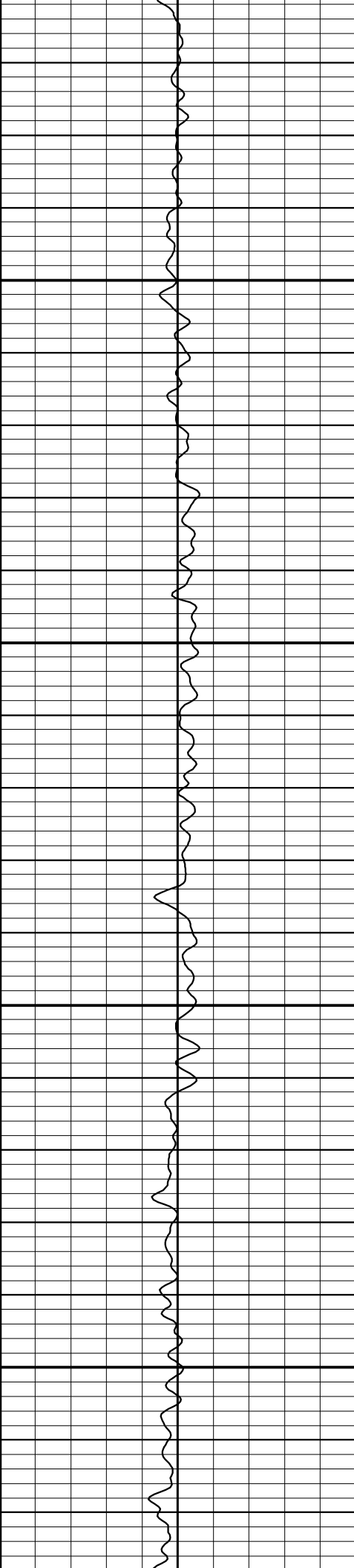
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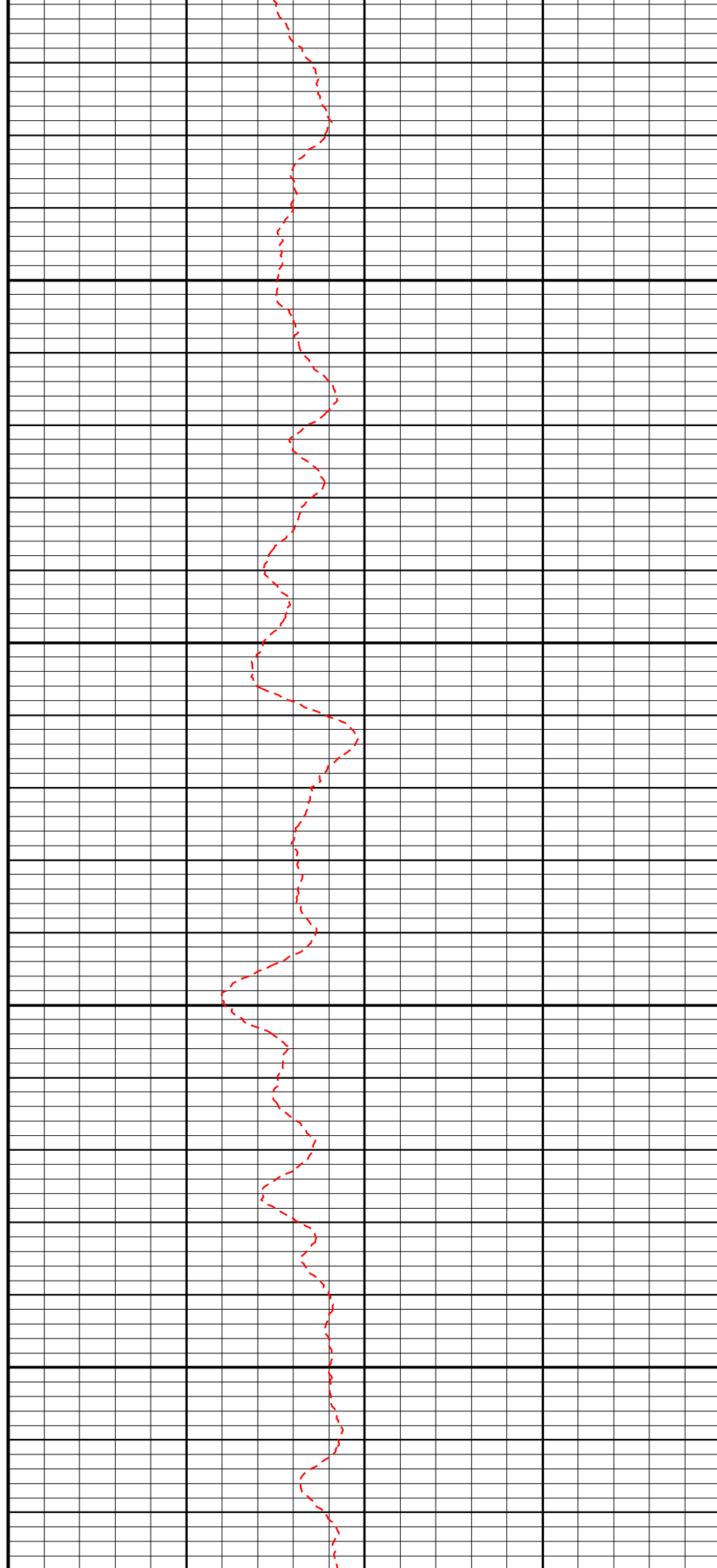


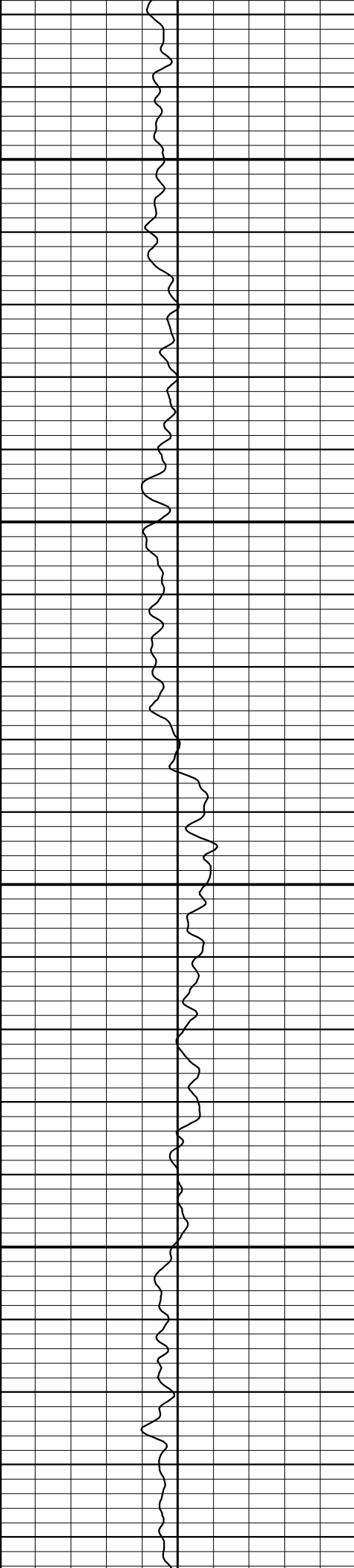
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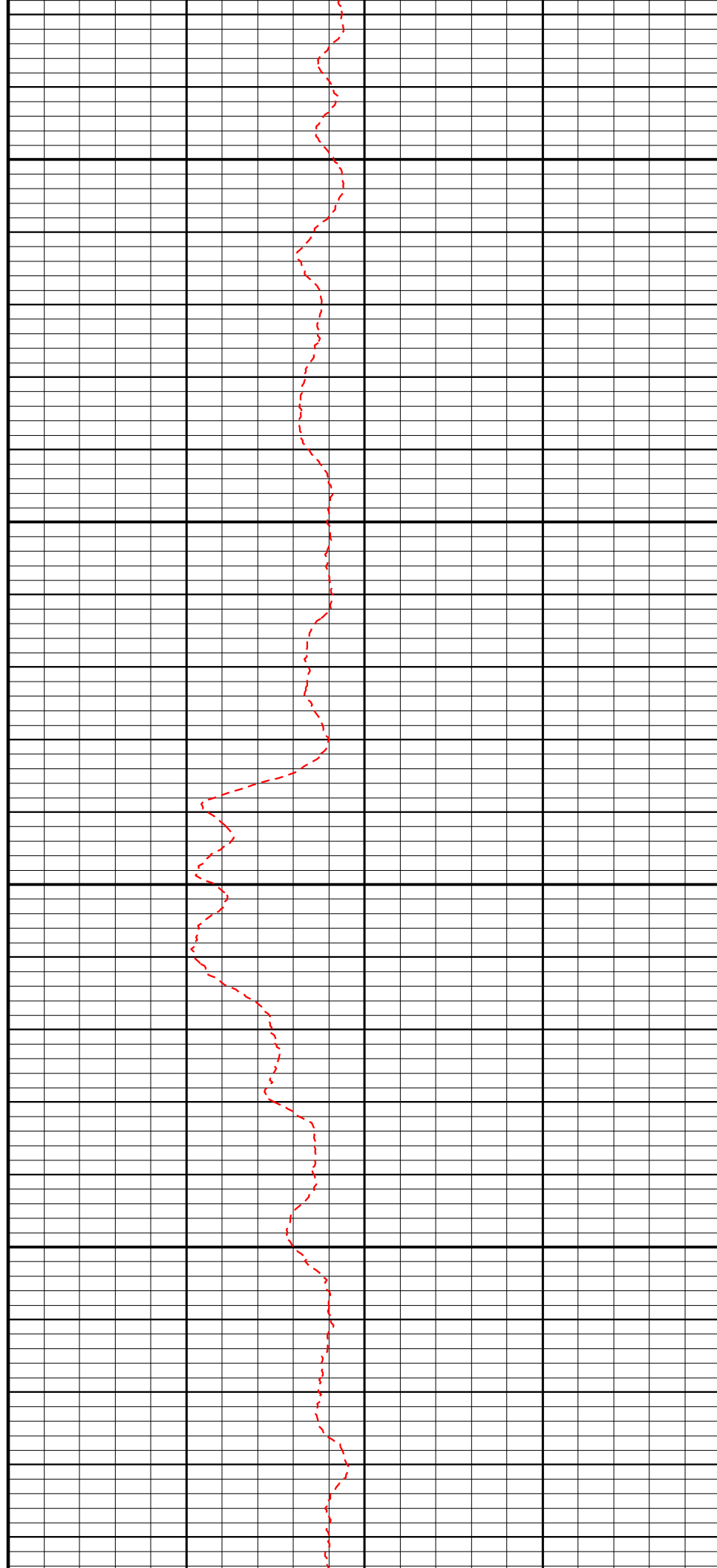


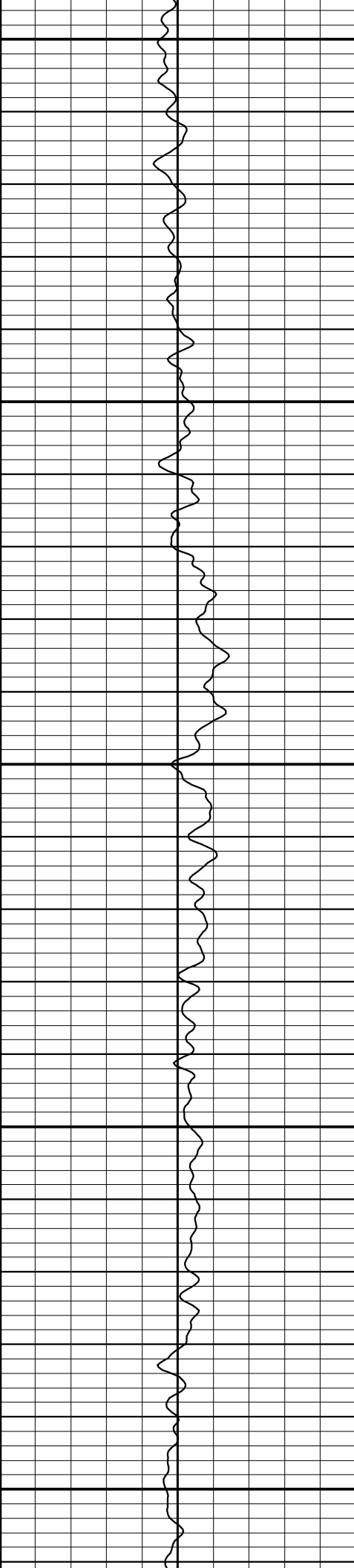
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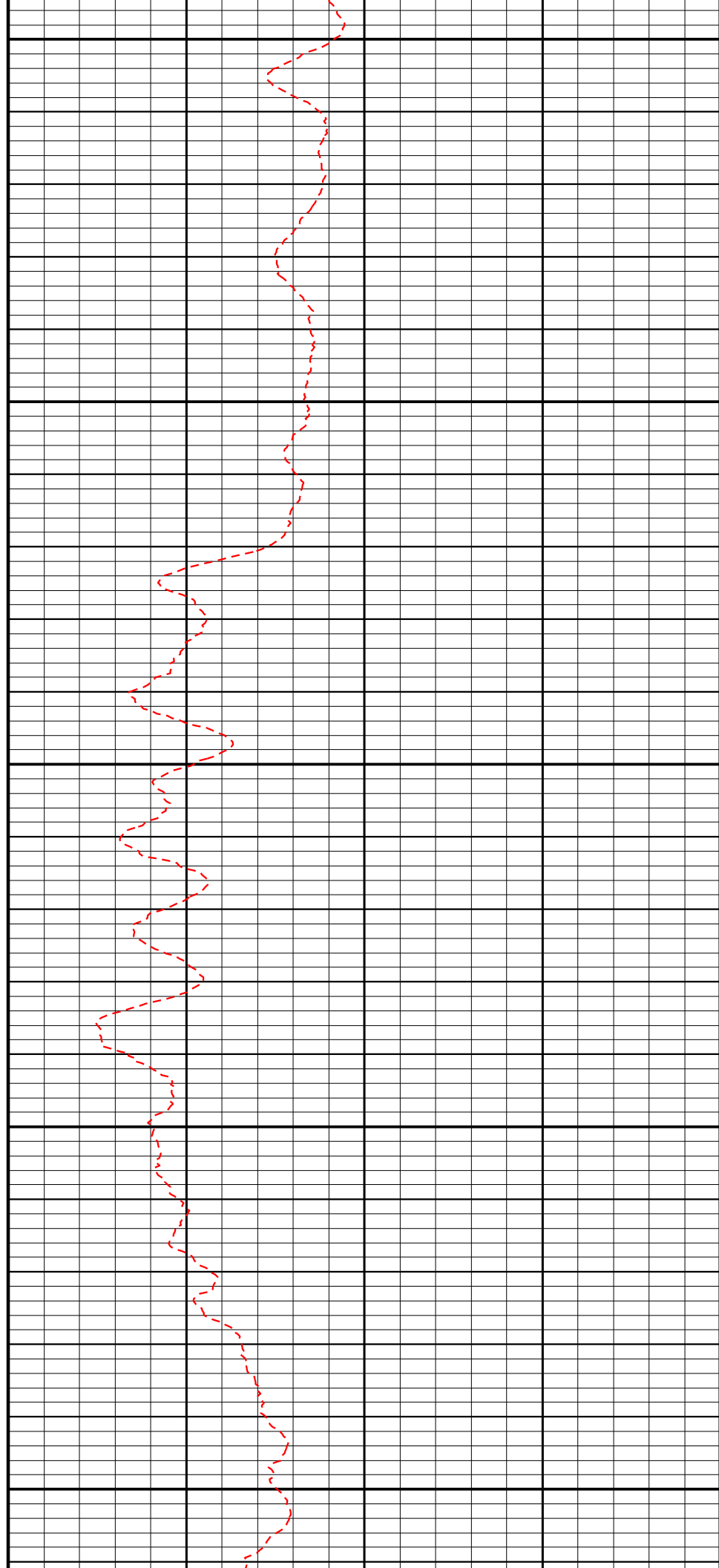
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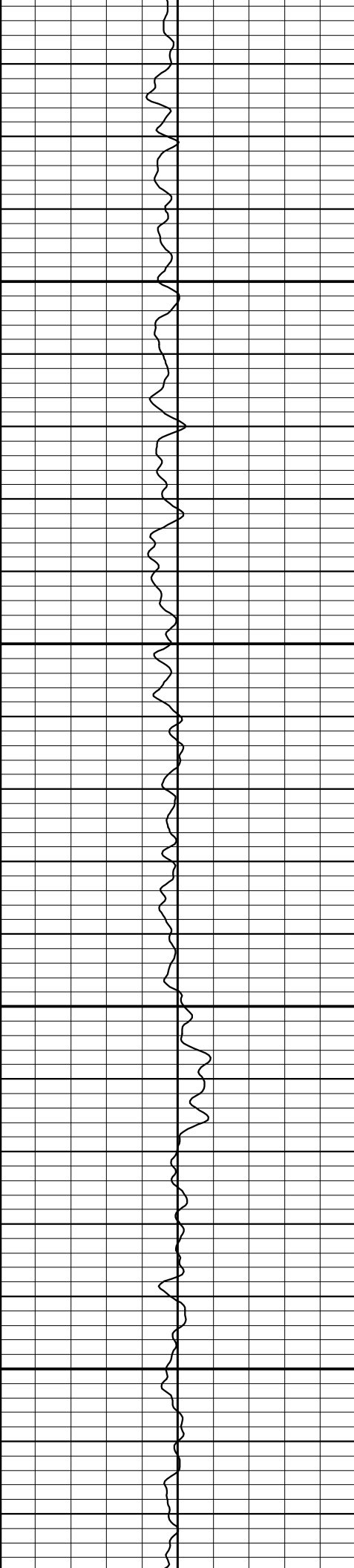
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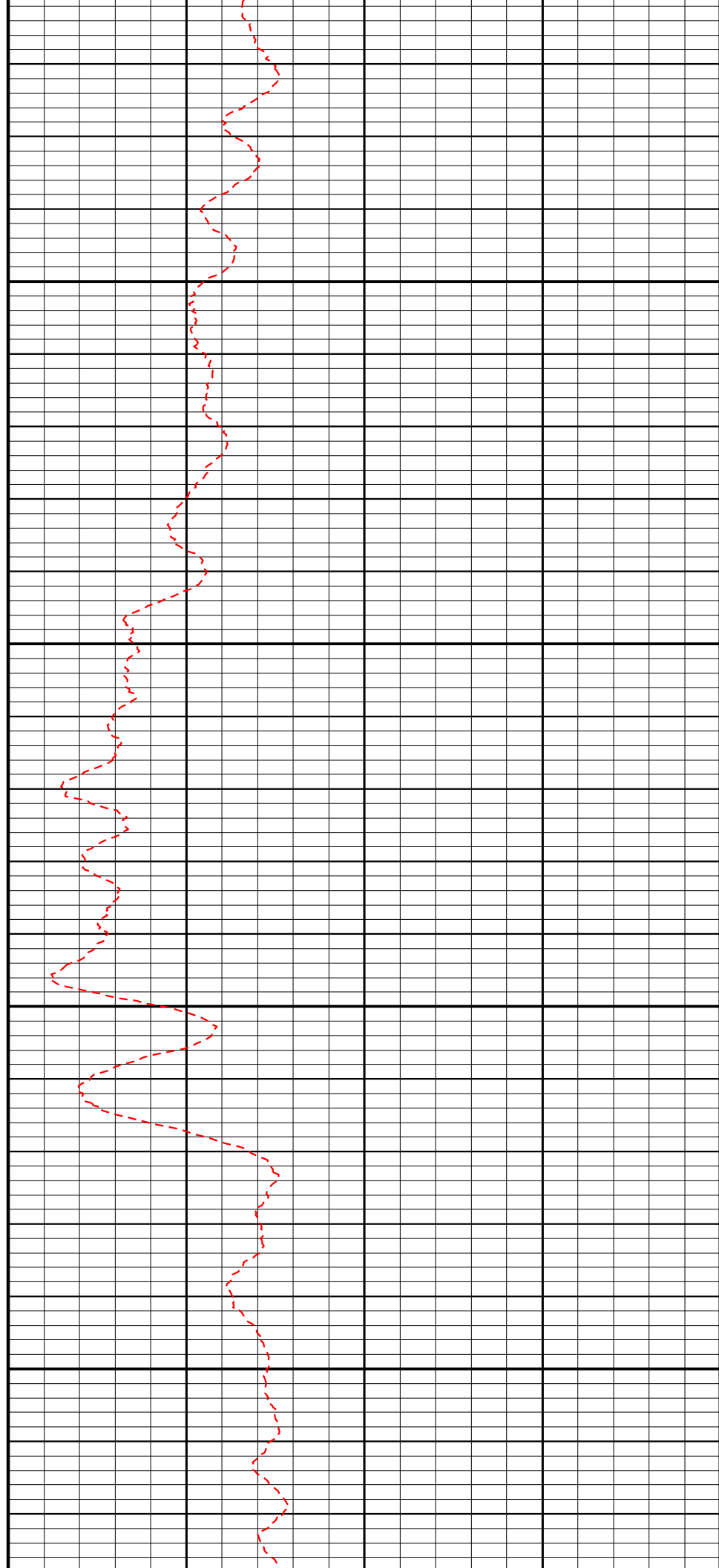


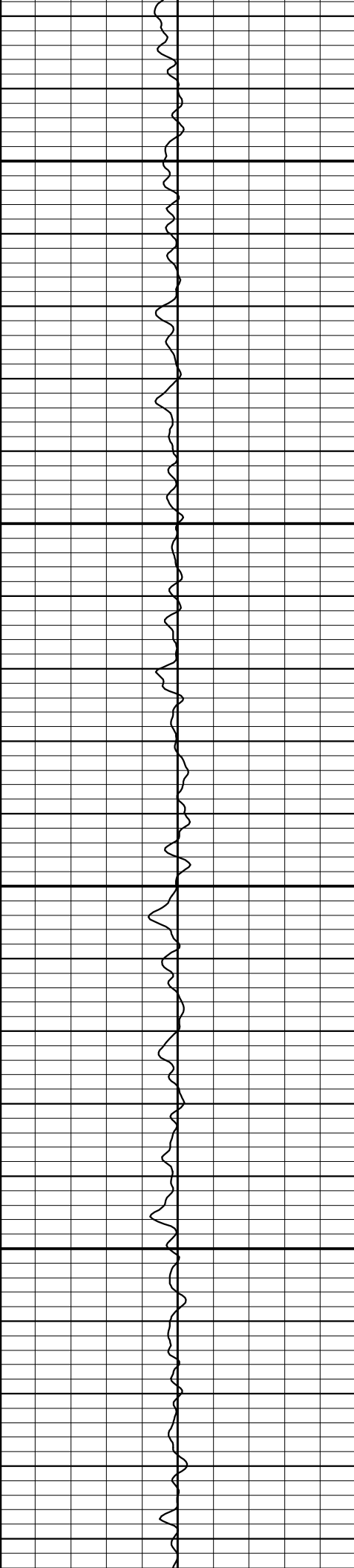
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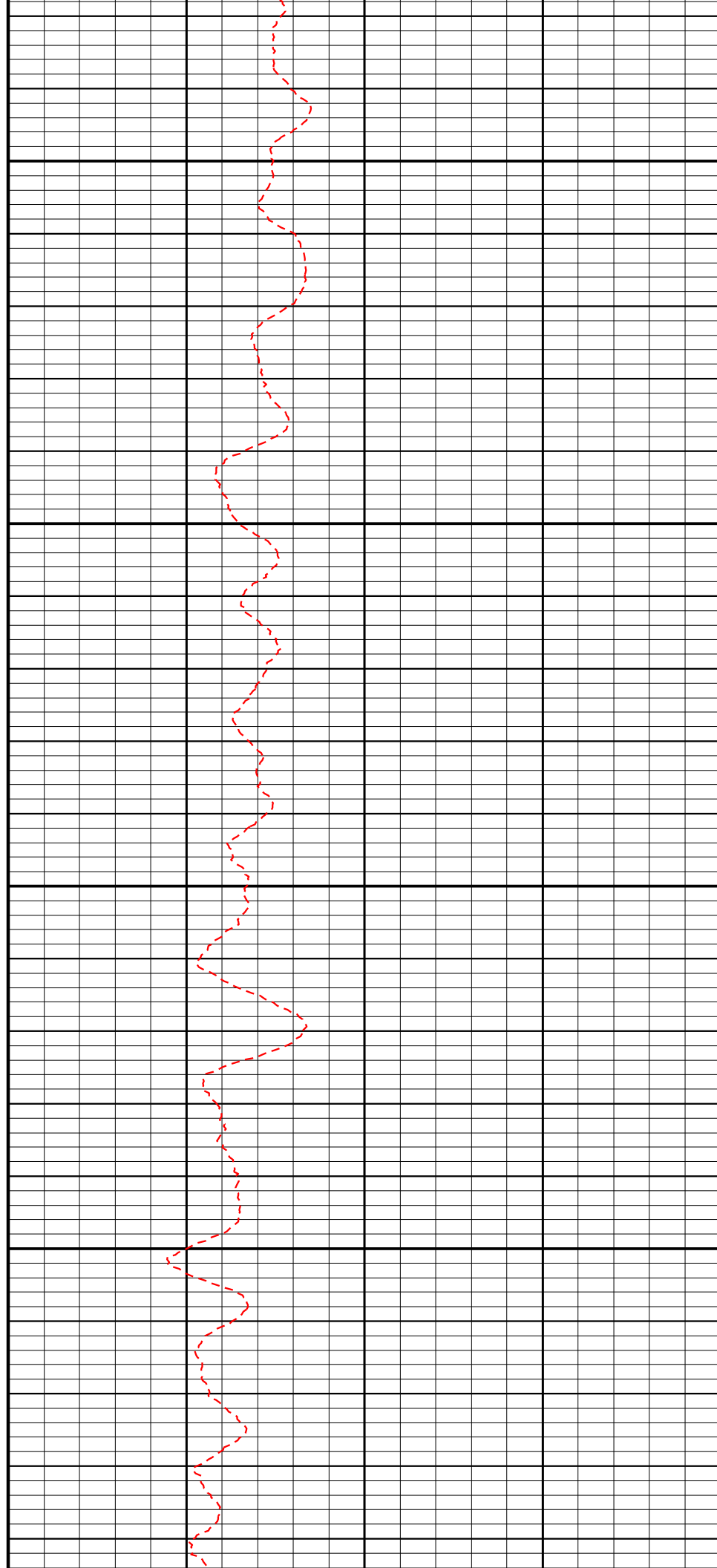


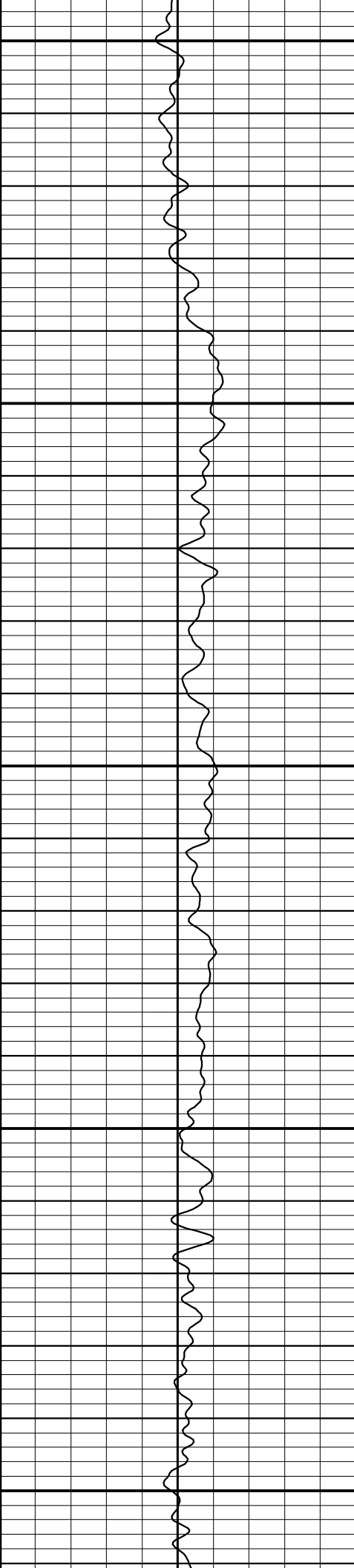
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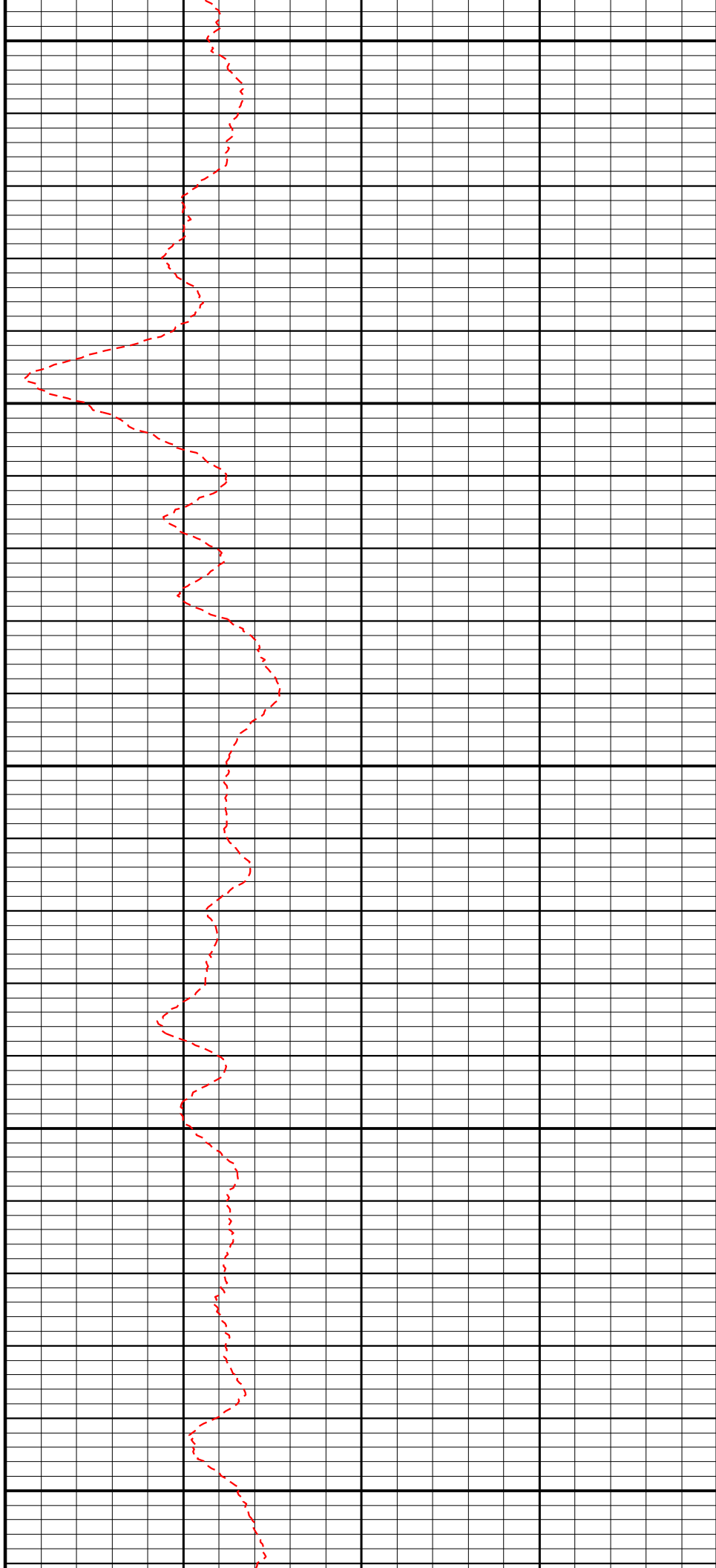
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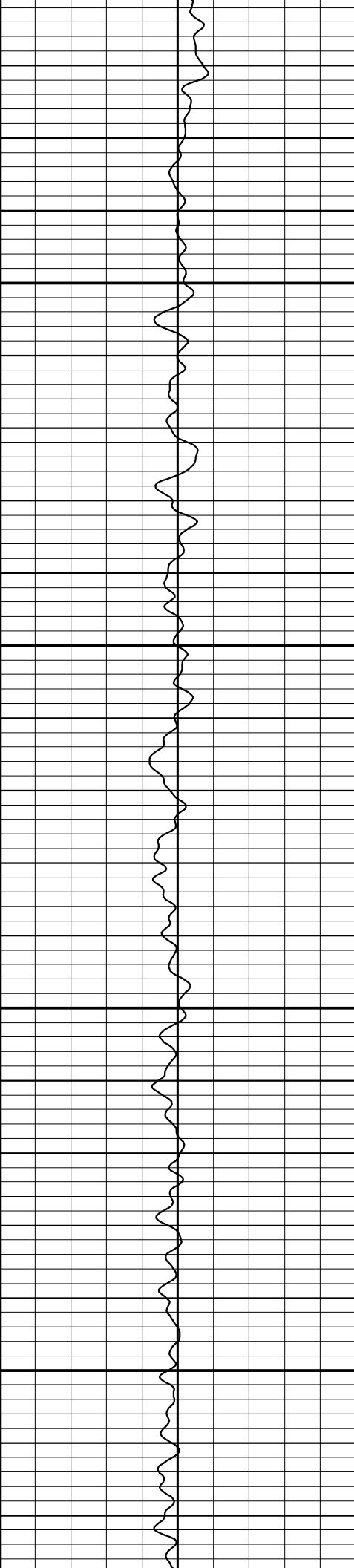
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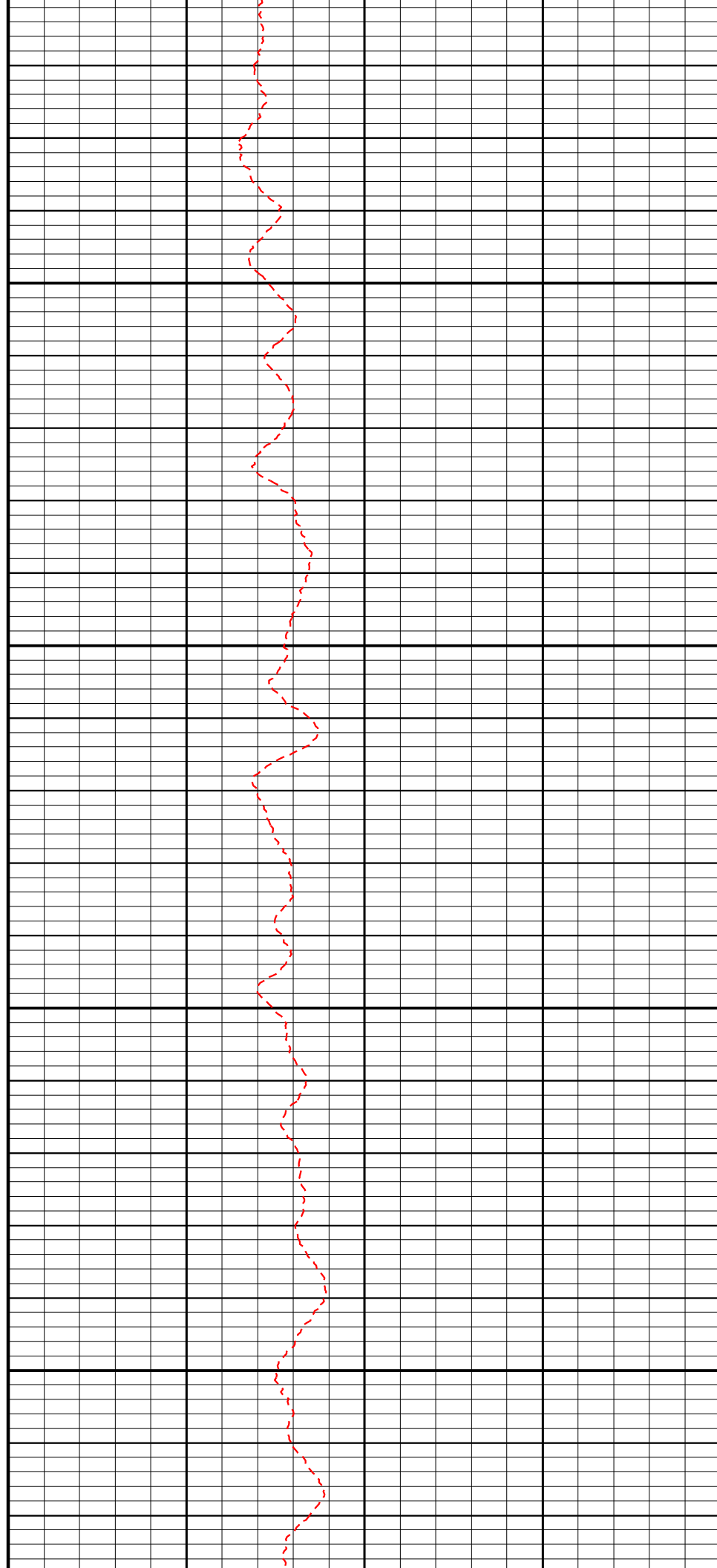


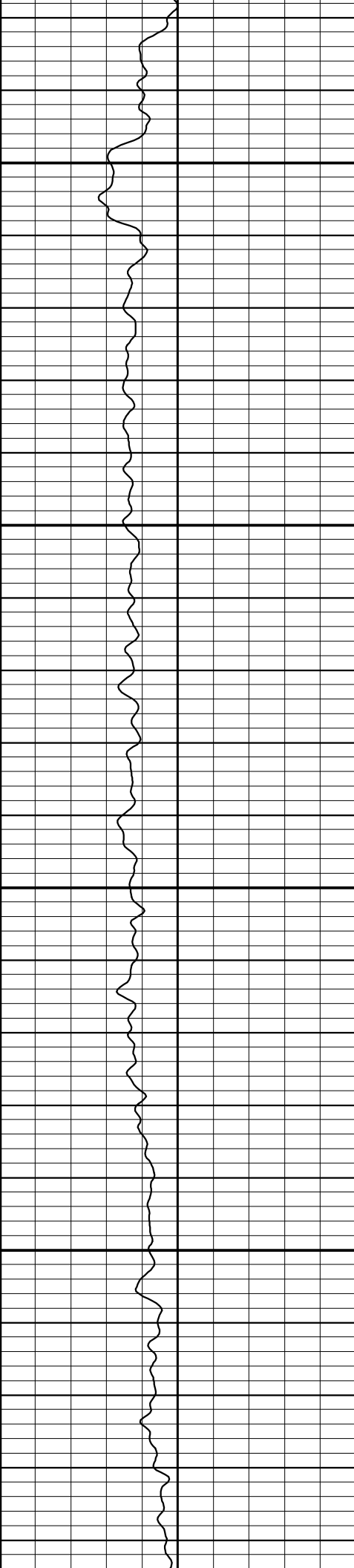
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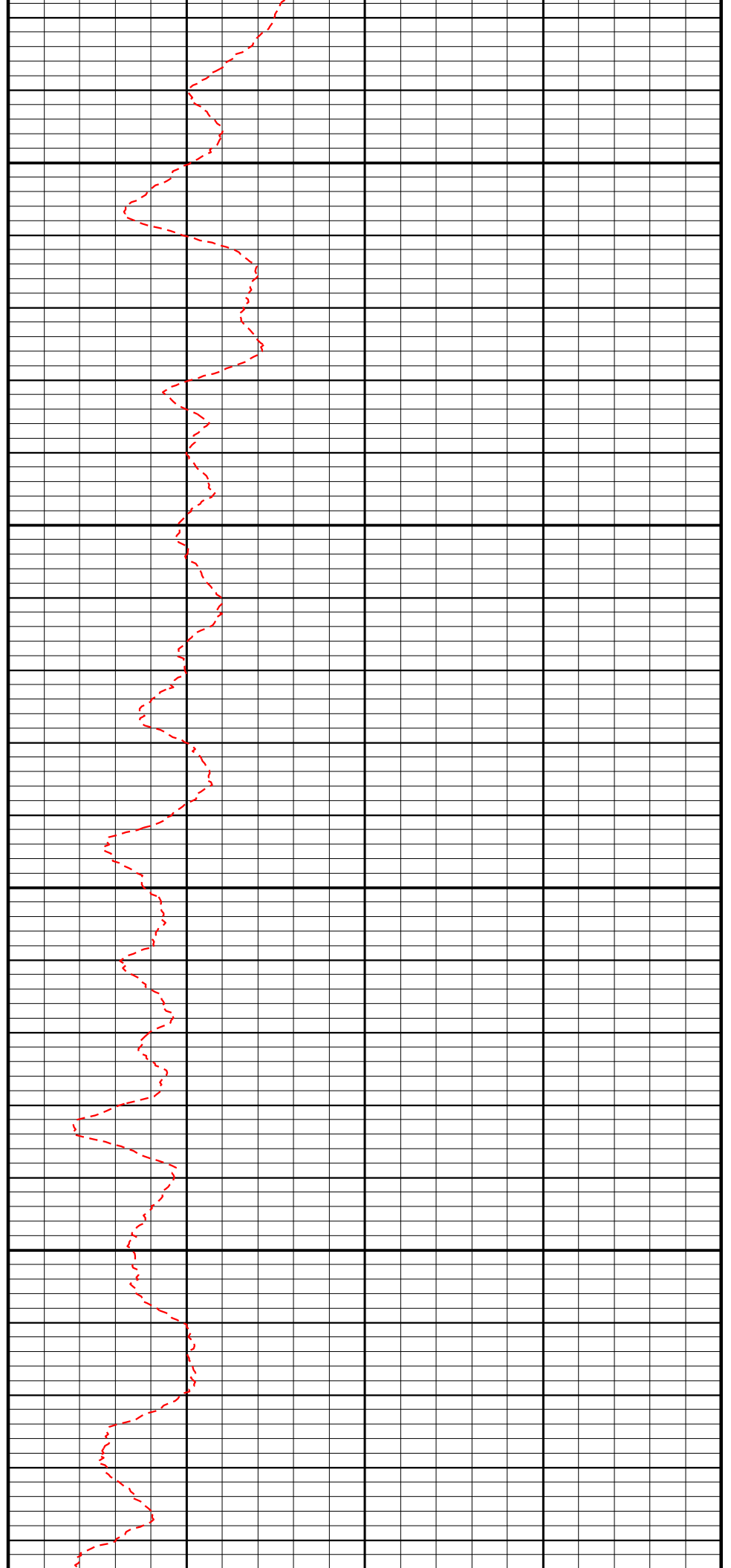


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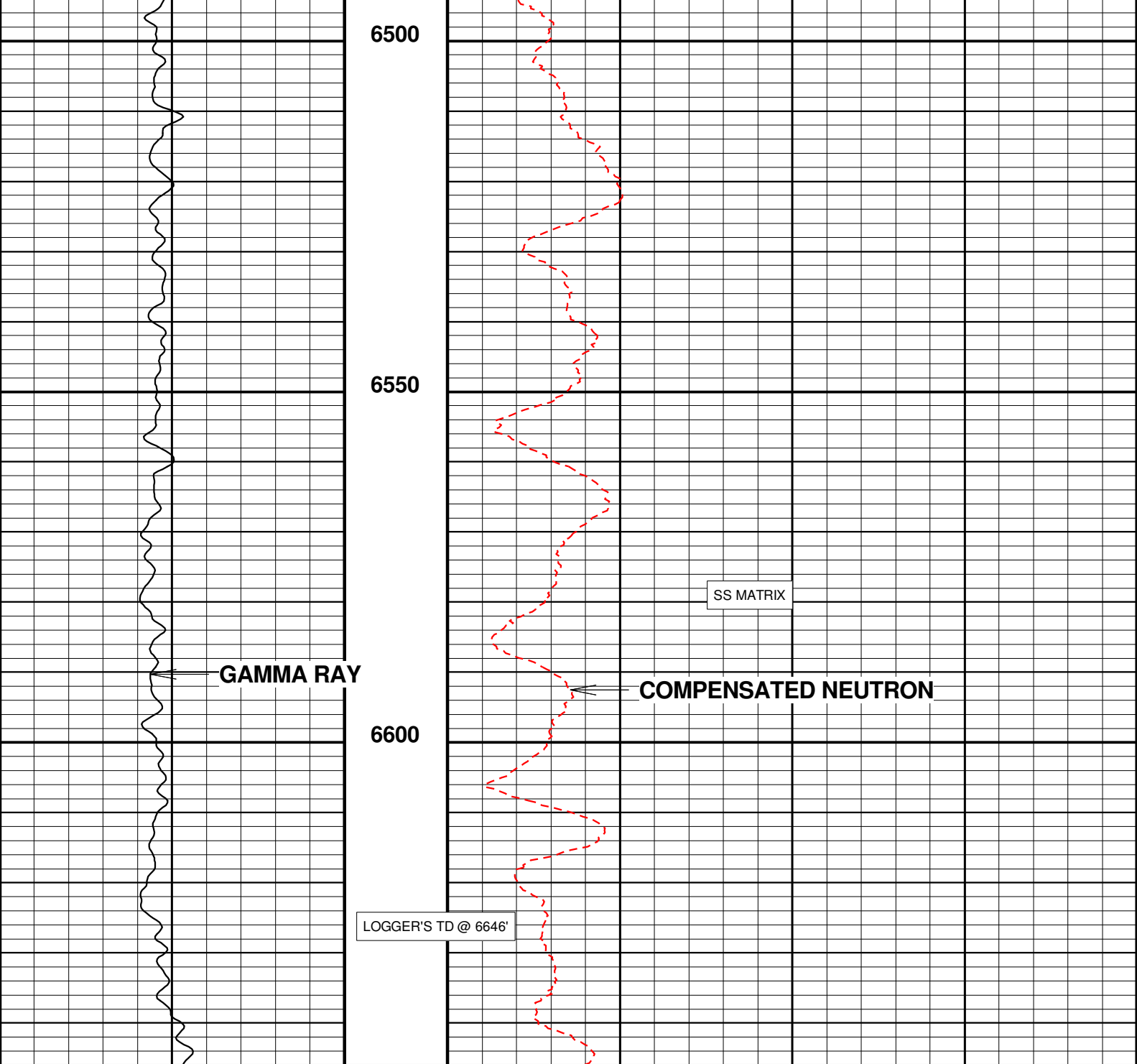
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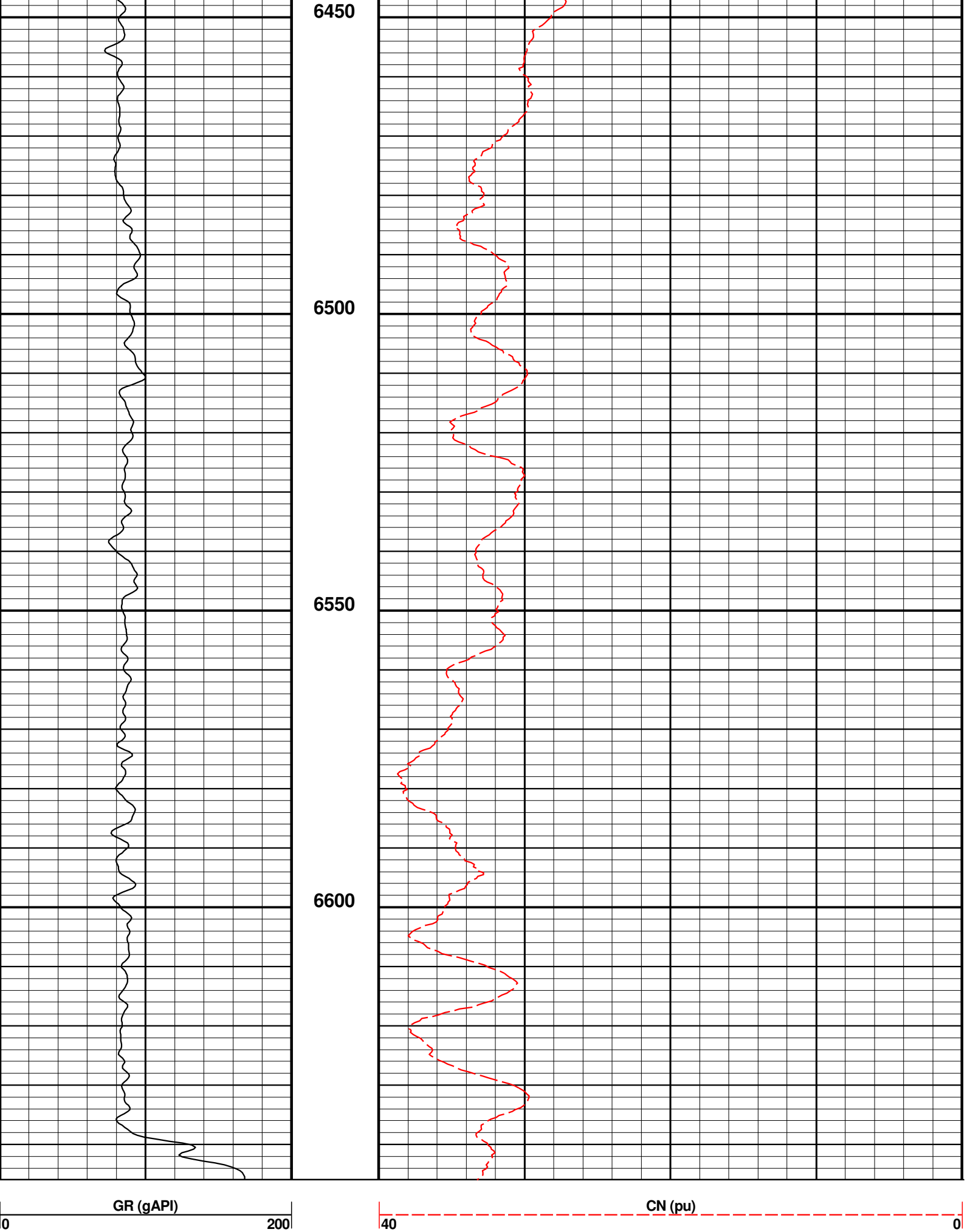


# REPEAT SECTION

Company : PDC ENERGY  
Well : RIEDER 18Y-241  
Scale : 1 : 240  
Depth in : Feet  
Software : WinAPIot Ver. 5, 91, 4, 0

Date : 20.08.2015  
Time : 12:51:14  
Remarks : SO# 2-014110  
File Name : New Log1





Tool name : **Telemetry**Asset : **024**Series : **0930A**

Source ID :

**GR****Gamma Calibration**

Time Jul / 08 / 2015 11:21:41

Setup

Description July 8 Clint and Dwain

Setup Version 00001

Block	Raw Value	User Value	Device	Device SN	Mult.
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Background	202.386				
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Jig ON	731.426				
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Gamma	529.04	149.9998 gAPI			0.283532
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File : C:\Welldata\2-014110\_PDC\AFC\_1468A\_015.cvf

Tool name : **Compensated Neutron**Asset : **015**Series : **1468A**

Source ID :

**CN****Compensated Neutron Calibration**

Time Aug / 11 / 2015 11:58:12

Setup

Description v5\_91 Aug 11

Setup Version 00001

Curve Name	pt	Raw Value	User Value	Device	Mult.
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Ratio	1	4.39995	4.94 none		1.122740
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COMPANY:	PDC ENERGY
WELL:	RIEDER 18Y-241
FIELD:	WATTENBERG
COUNTY:	USA
STATE:	