



Weatherford®

30-025-41032

Devon Energy
Thistle Unit 44H
Lea County, New Mexico

Section 3

Weatherford Gamma Logs



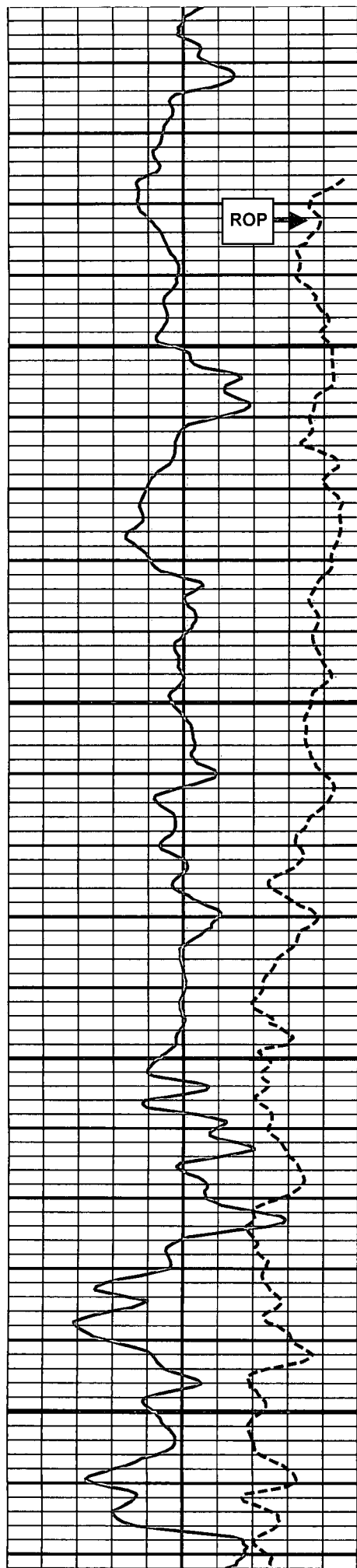
MWD Gamma Ray Log
5 Inch Measured Depth
Real Time Final Copy

Company: Devon Energy	COMPANY	Devon Energy				
Well: Thistle Unit 44H	WELL	Thistle Unit 44H				
Field: Lea	FIELD	Lea				
Rig: HP 416	RIG	HP 416				
State: NM Country: USA	STATE	NM			COUNTRY	USA
	API	30-025-41032				
Location	Latitude:	32.254596 ° N			Mag Decl: 7.45 °	
	Longitude:	-103.584261 ° W			Grid Corr: 0.40 °	
	Other Services:	Deviation Surveys			Total Corr: 7.05 °	
Permanent Datum: Mean Sea Level						
Log Measured From: Top Drive @ 3684.00 ft above Permanent Datum						
Depth Reference: Driller's Depth Total Depth: 15666.00 ft						
Depth Logged: 10776.00 ft to 15619.00 ft			Runs: 5		Elevation K.B. 3686.00 ft G.L. 3661.00 ft D.F. 3684.00 ft W.D. n/a	
Date Logged: 28-Jun-13 to 6-Jul-13			Spud Date: 26-Jun-13			
Borehole Record			Casing Record			
Hole Size	From	To	Size	Weight	From	To
17.5 in	120.00 ft	1353.00 ft	13.375 in	54.50 lb/ft	surface	1353.00 ft
12.5 in	1353.00 ft	5174.00 ft	9.625 in	40.00 lb/ft	surface	5154.00 ft
8.75 in	5174.00 ft	15666.00 ft				
Borehole Deviation Record			Mud Record			
Hole Size	Min. Inc.	Max. Inc.	Type	Weight	From	To
8.75 in	2.85 °	93.31 °	WBM	8.80 lb/gal	10776.00 ft	11050.00 ft
			WBM	8.73 lb/gal	11050.00 ft	11255.00 ft
			WBM	8.90 lb/gal	11255.00 ft	11368.00 ft
			WBM	8.80 lb/gal	11368.00 ft	13045.00 ft
			WBM	9.10 lb/gal	13045.00 ft	15666.00 ft

All interpretations of log data are opinions based on inferences from electrical or other measurements.
Weatherford Drilling Services does not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

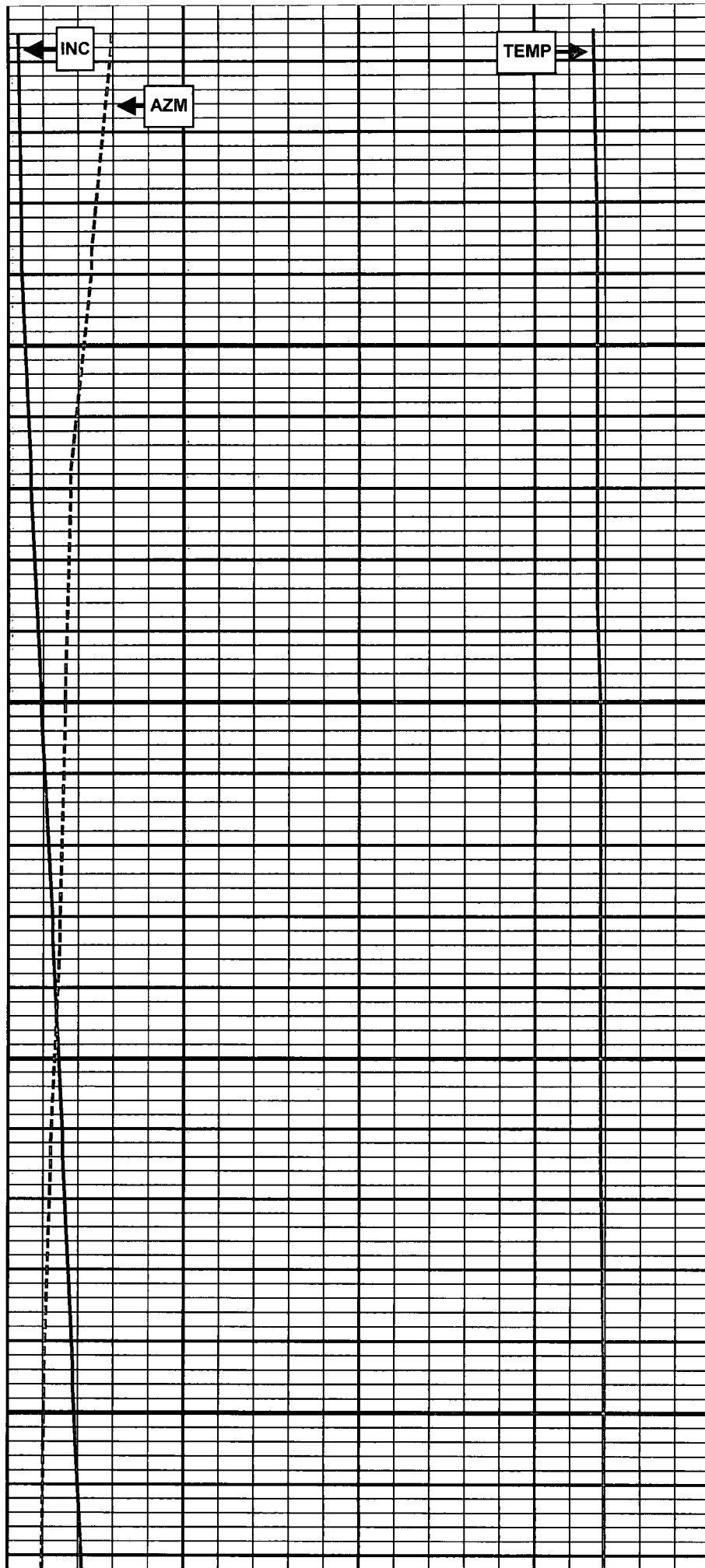
RUN SUMMARY

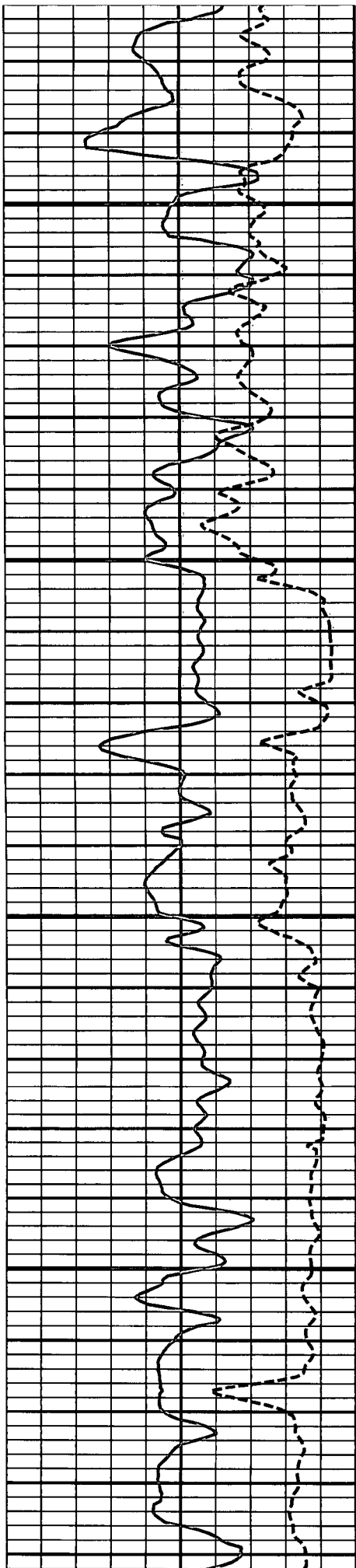
Run Number	1	2	3	4	5	6	7	8
Bit Size	in 8.750	8.750	8.750	8.750	8.750			
Bit Type	PDC	Tri-Cone	Tri-Cone	PDC	PDC			
Bit TFA	in ² 0.55	0.45	0.45	0.66	0.66			
Bit Start Depth	ft 10776.00	11050.00	11255.00	11368.00	13045.00			
Bit End Depth	ft 11050.00	11255.00	11368.00	13045.00	15666.00			
Top Log Interval	ft 10734.00	11008.00	11213.00	11325.00	12998.00			
Bottom Log Interval	ft 11007.00	11213.00	11325.00	12998.00	15619.00			
Begin Log Time	hh:mm 2:45	10:00	0:15	0:15	15:45			
Begin Log Date	DD-MMM-YY 28-Jun-13	29-Jun-13	01-Jul-13	02-Jul-13	04-Jul-13			
End Log Time	hh:mm 19:00	22:15	6:15	13:00	12:45			
End Log Date	DD-MMM-YY 28-Jun-13	29-Jun-13	01-Jul-13	03-Jul-13	06-Jul-13			



10800
MD

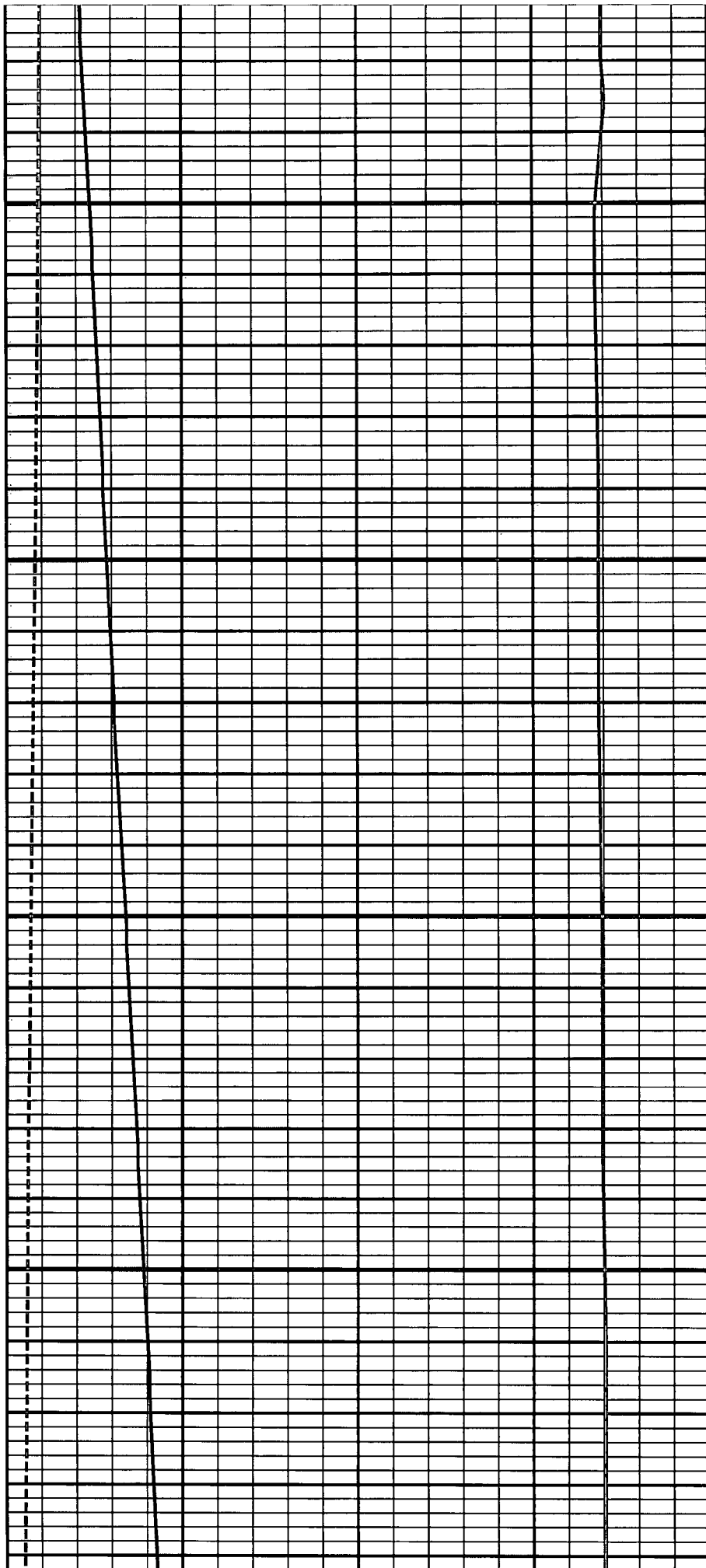
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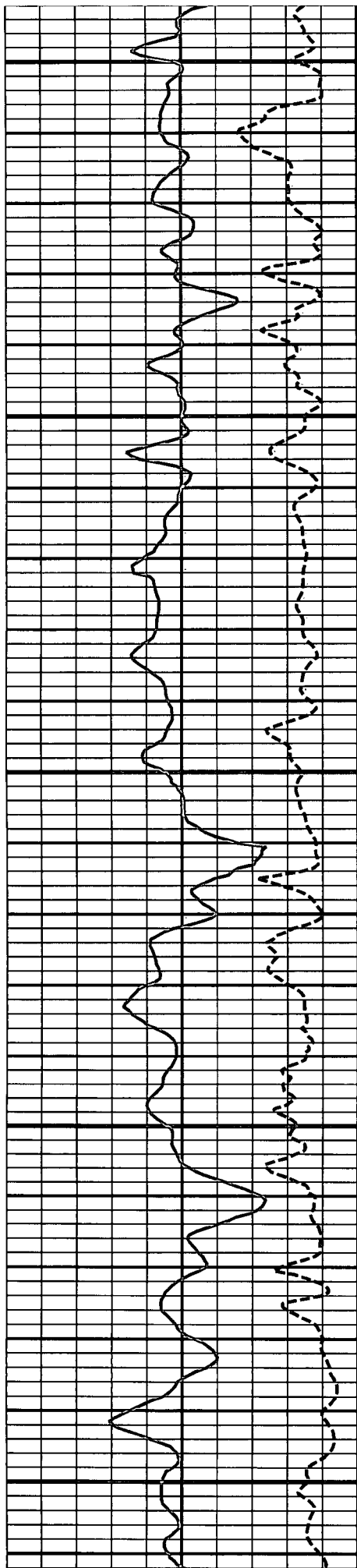




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11100
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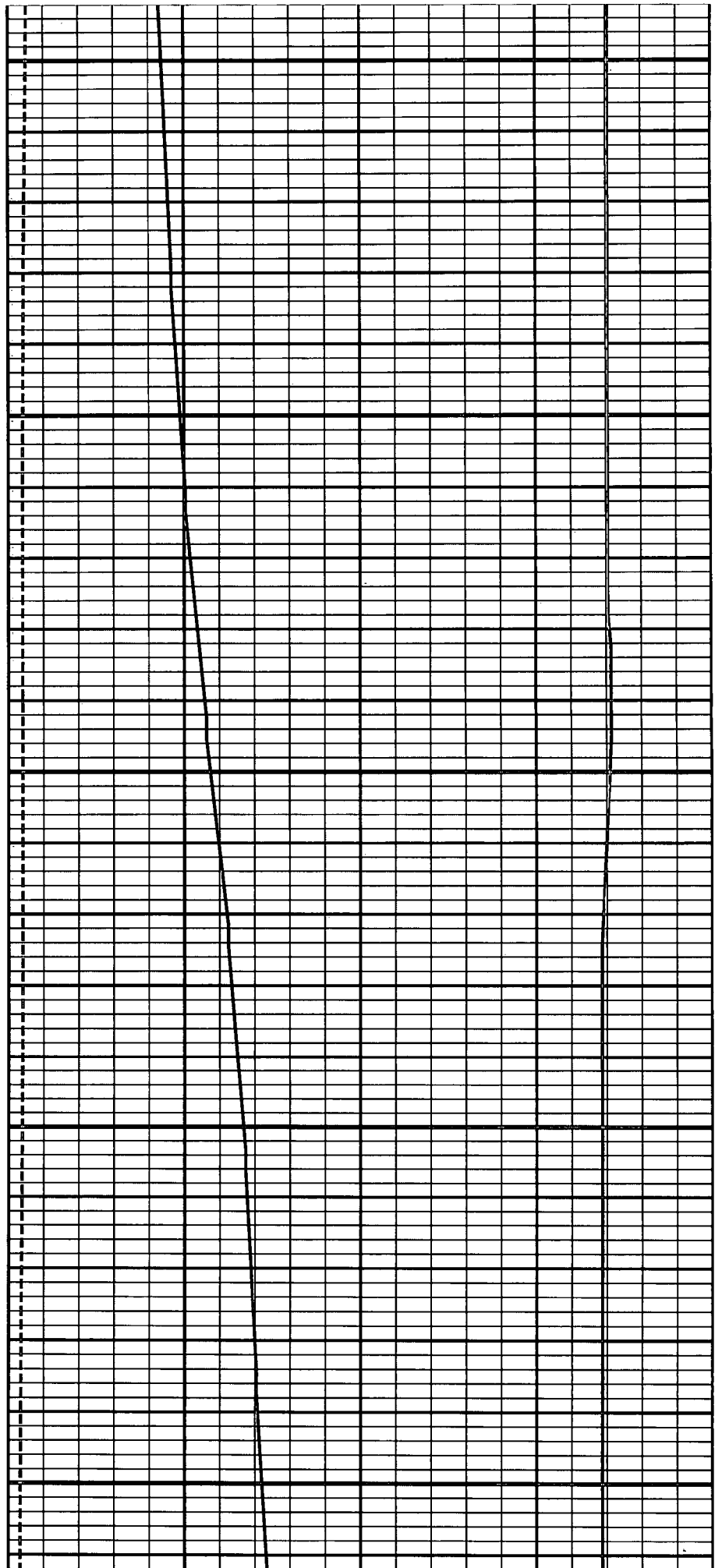


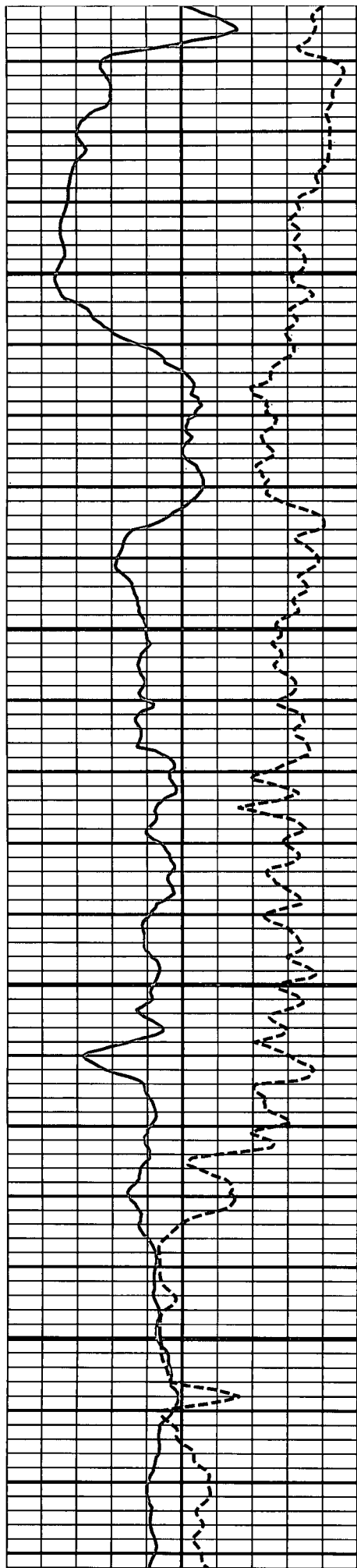


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11300
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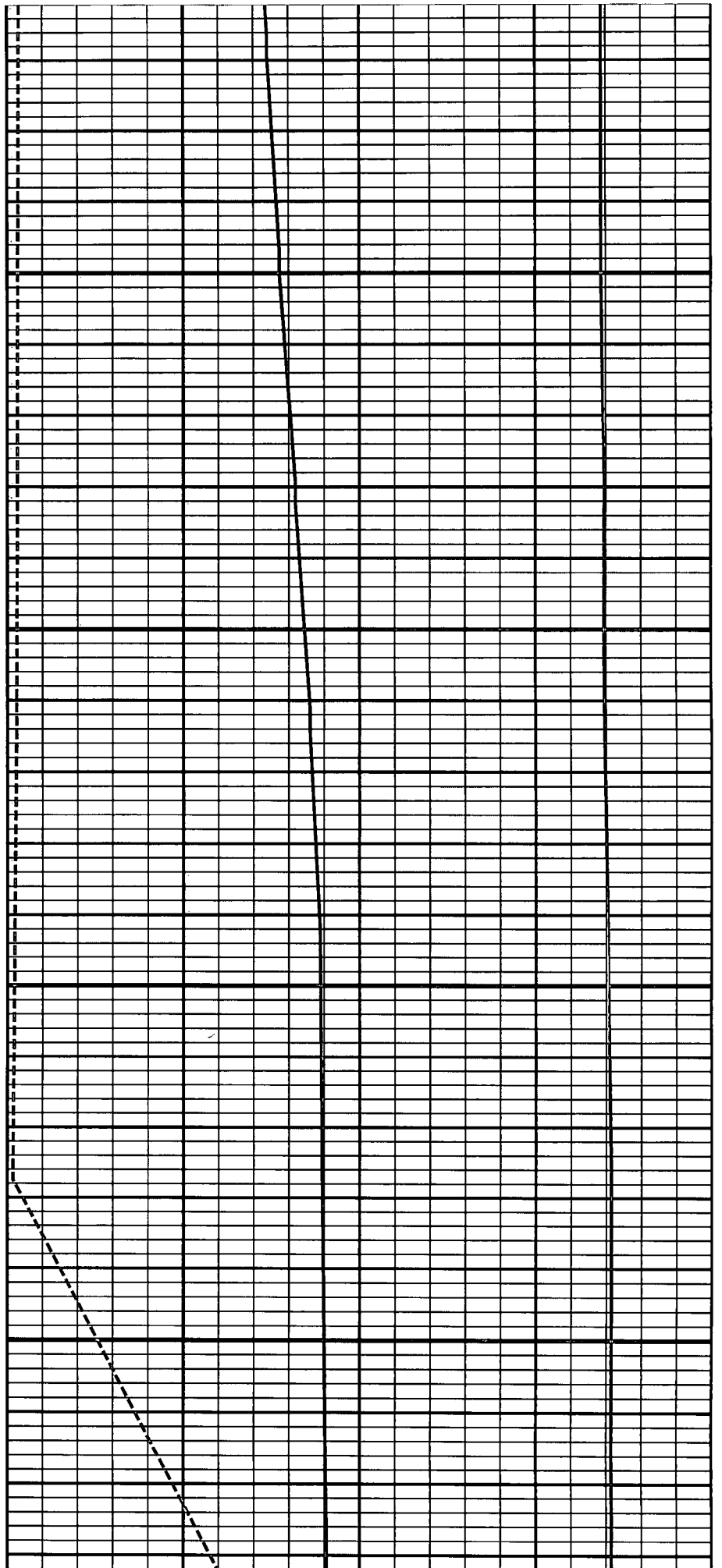
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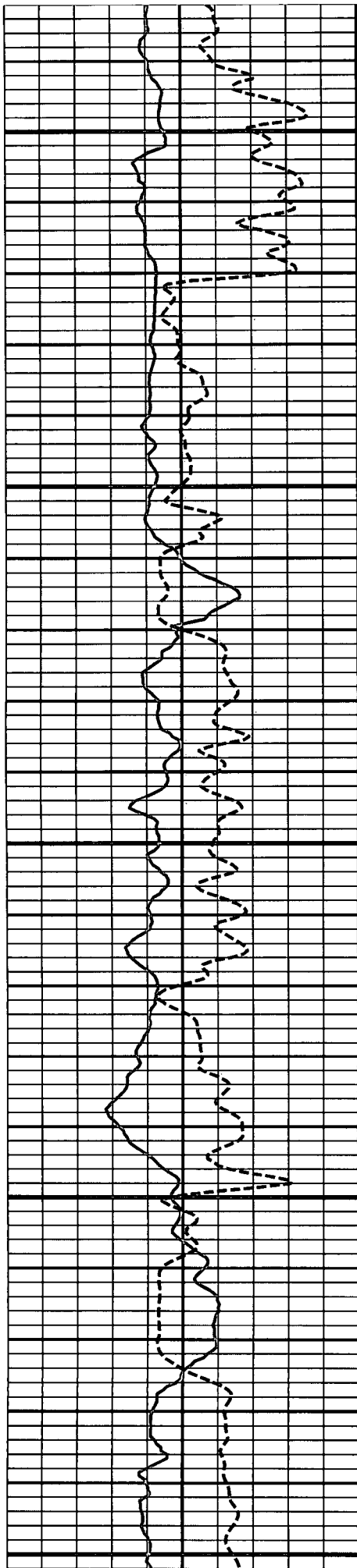




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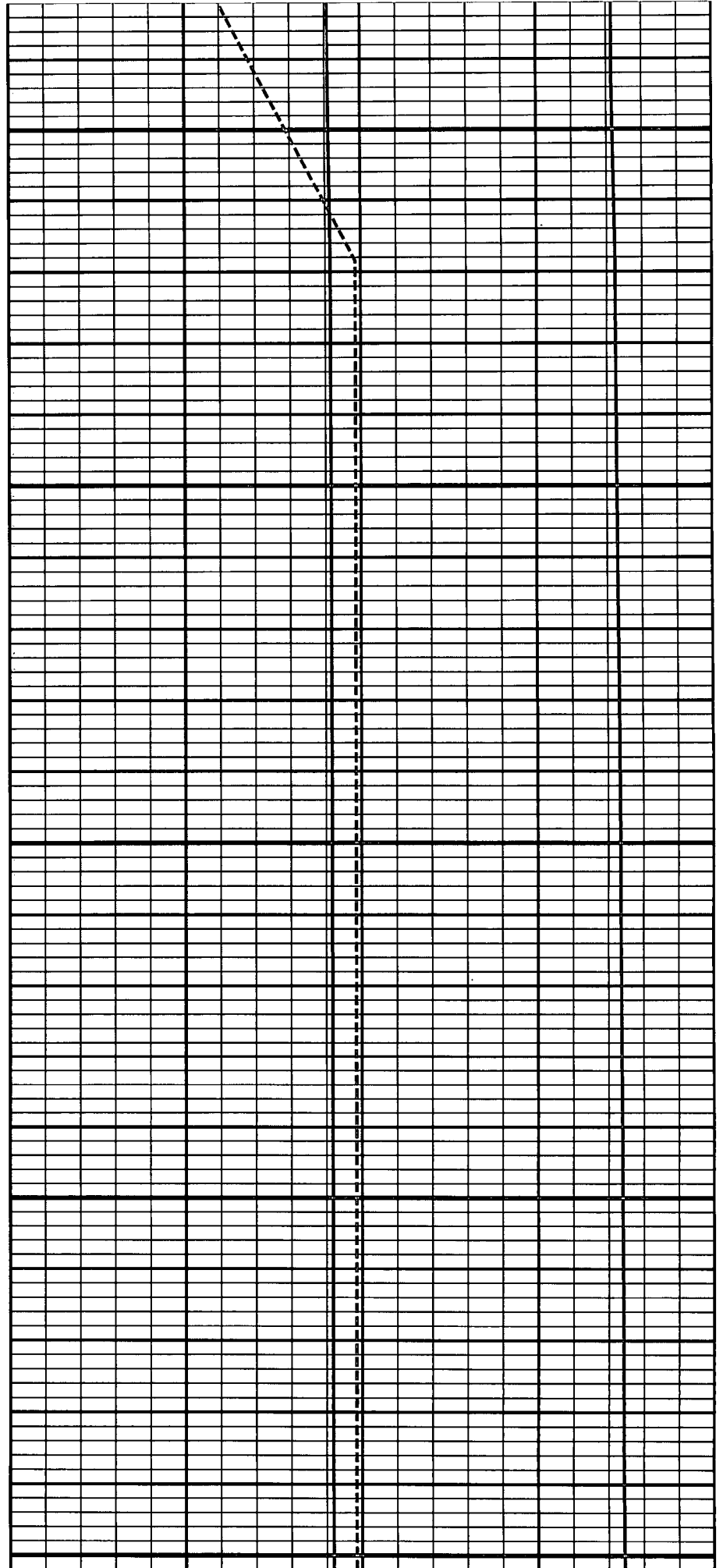
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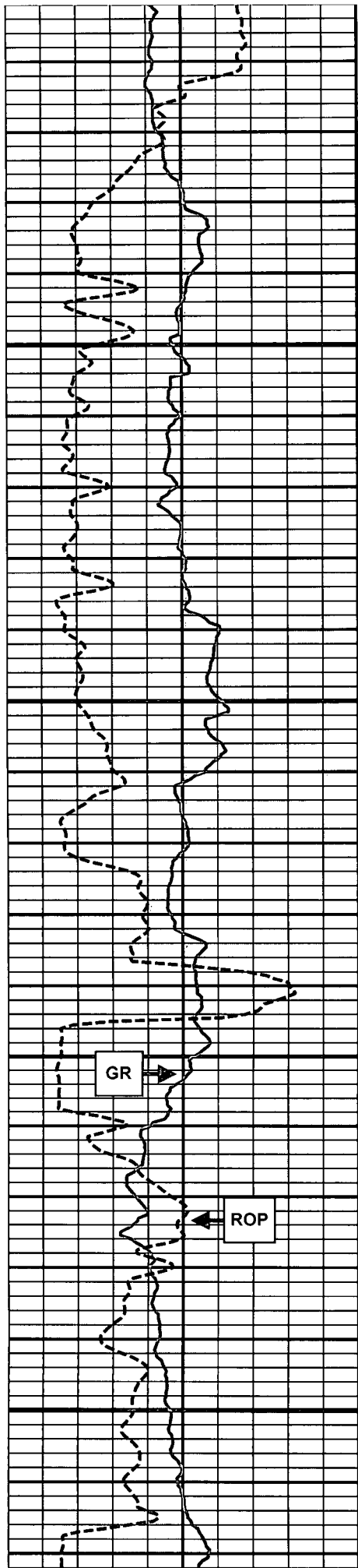




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11800
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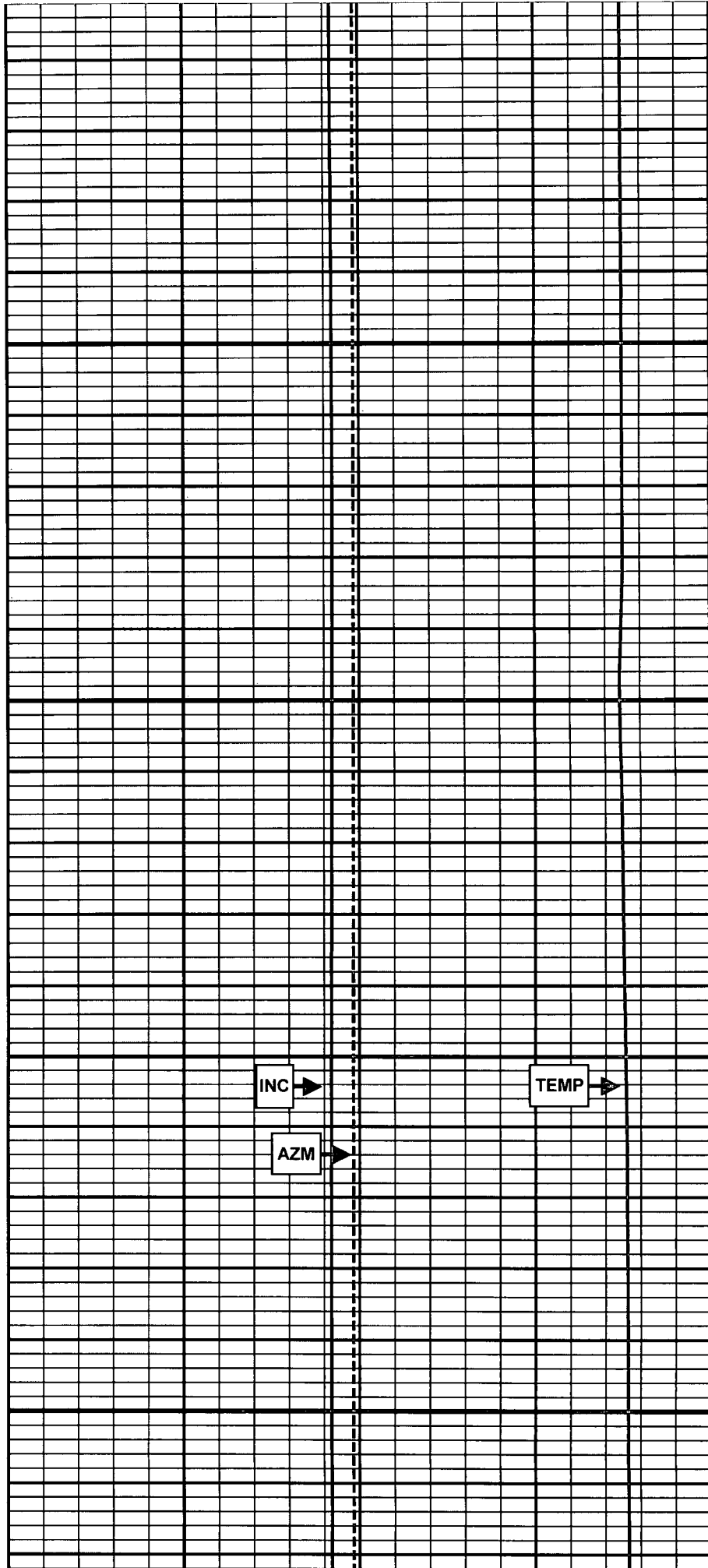


11900
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12000
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GR

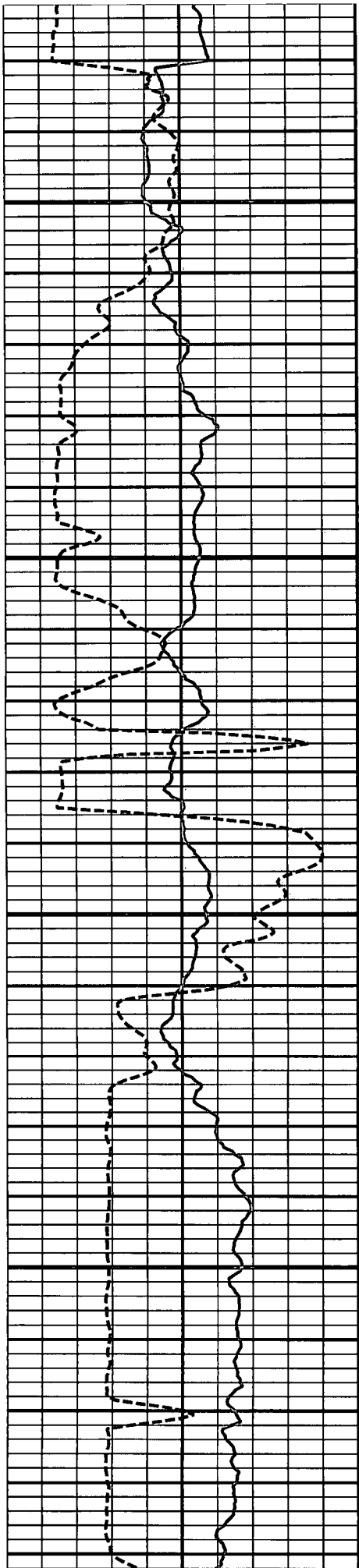
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INC

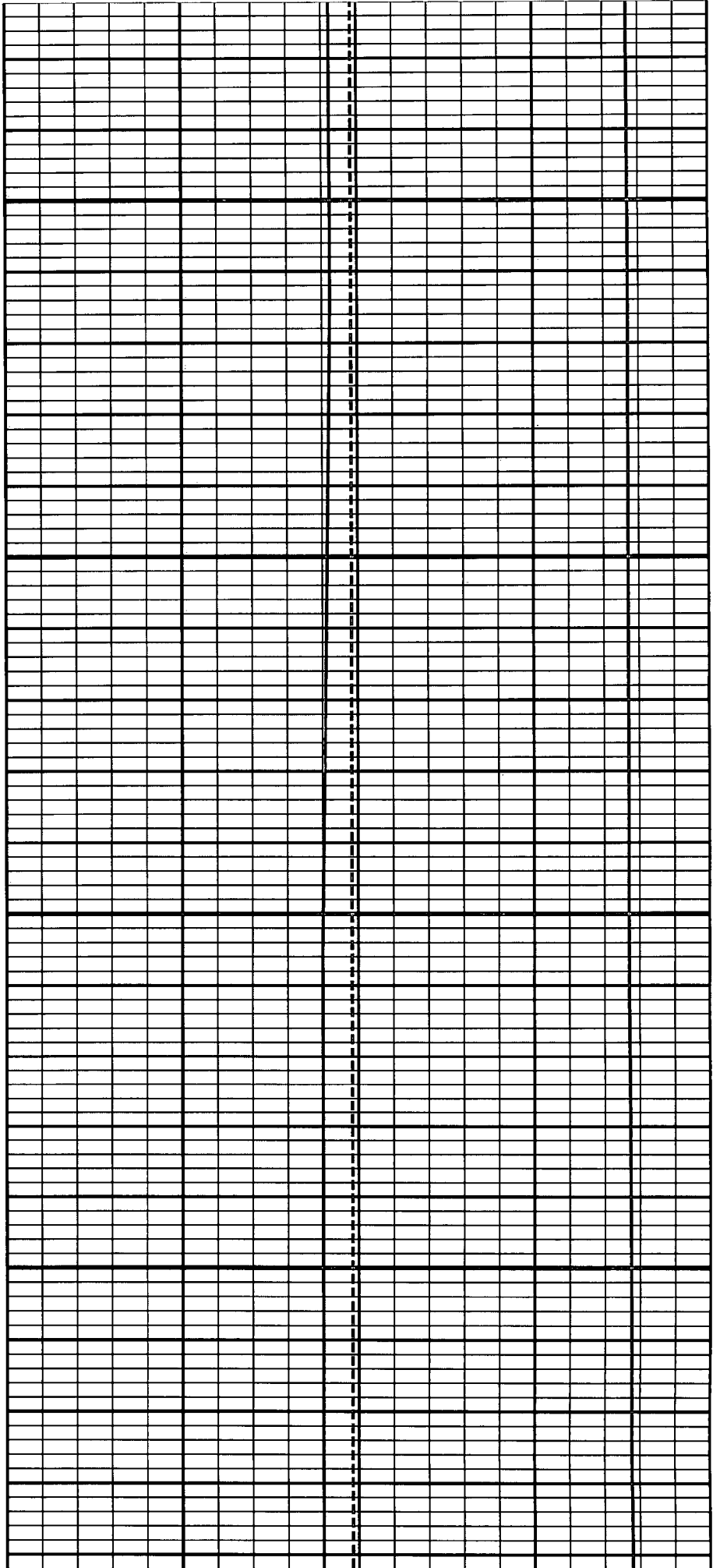
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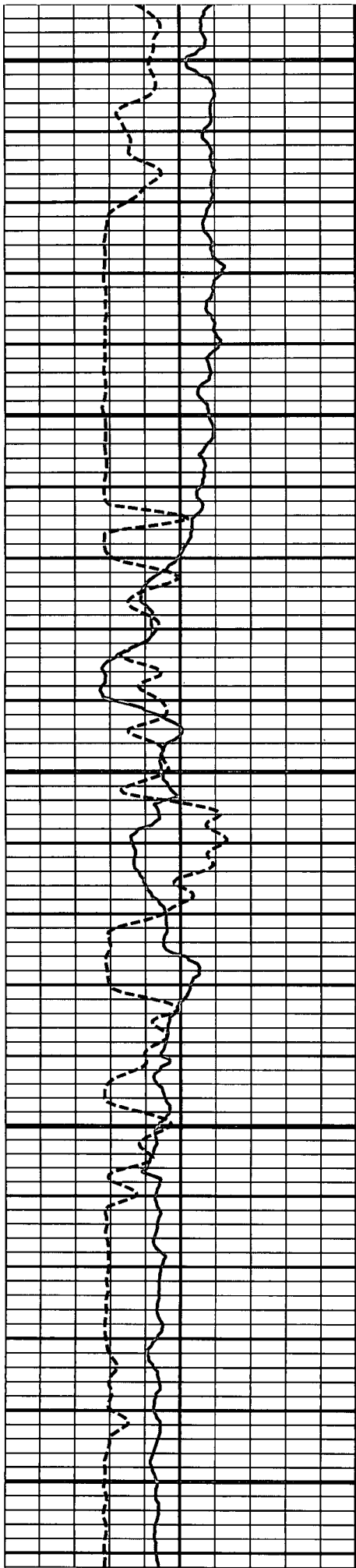
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12100
MD

12200
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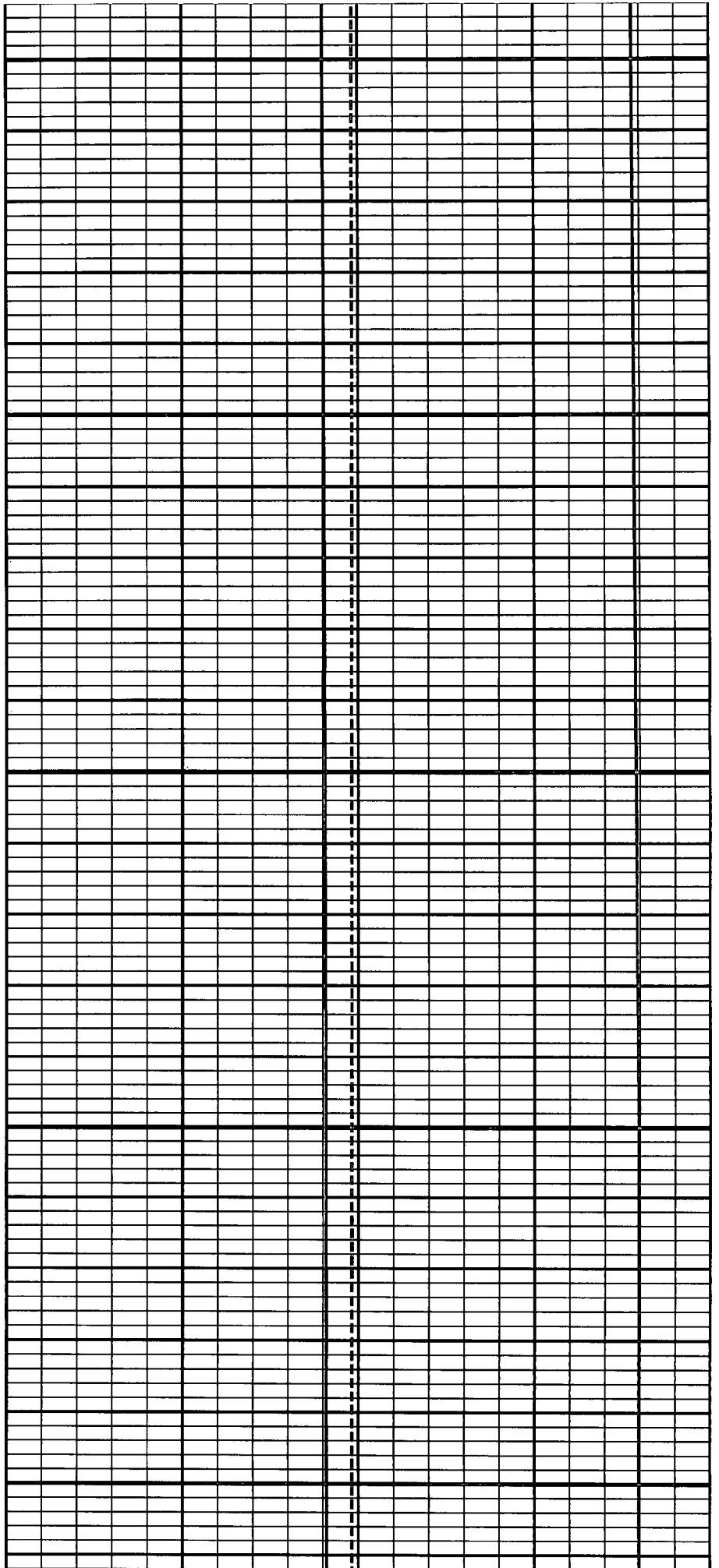


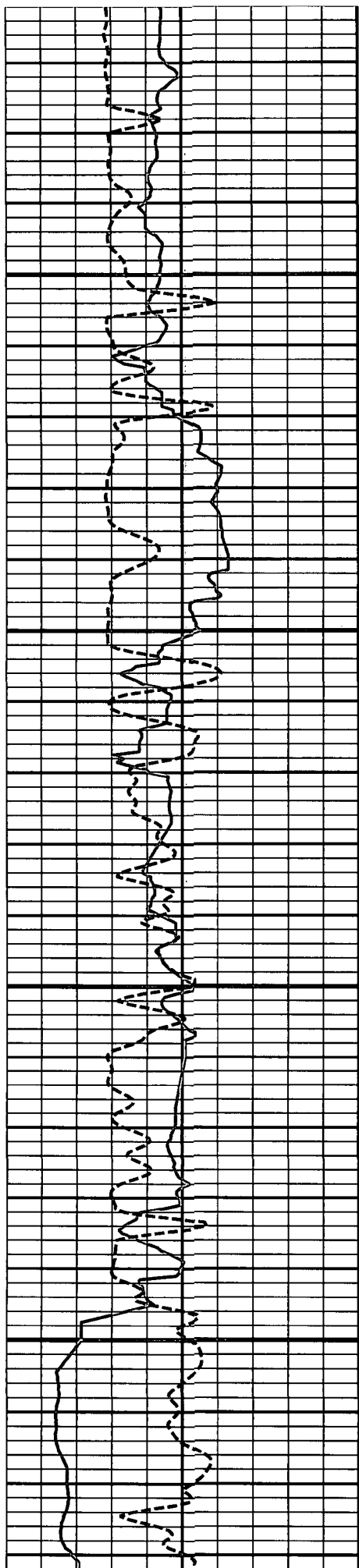


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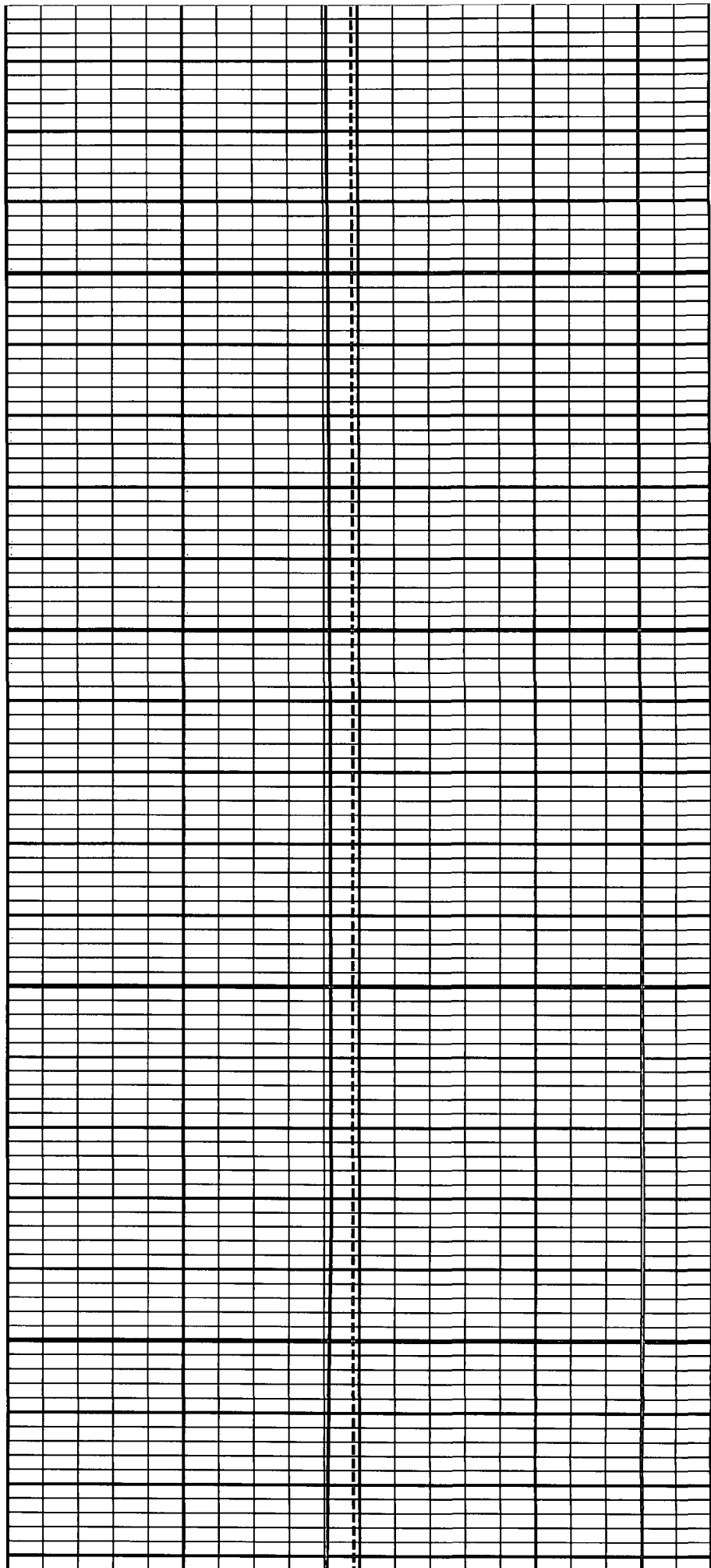
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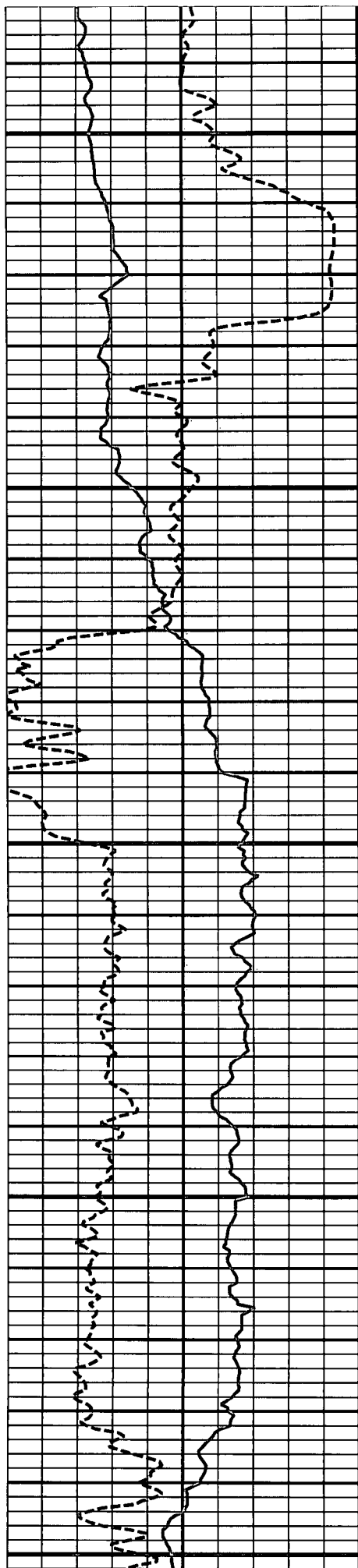




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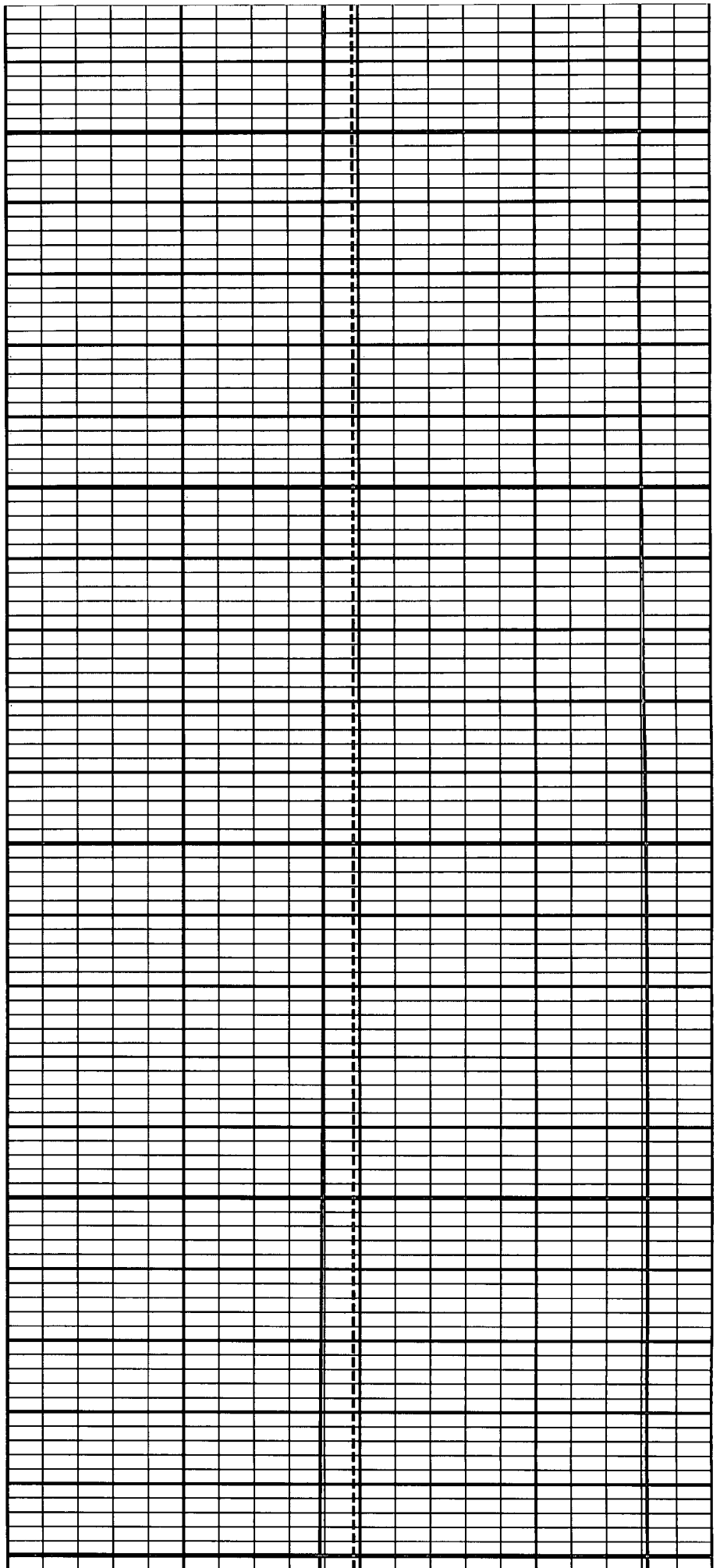
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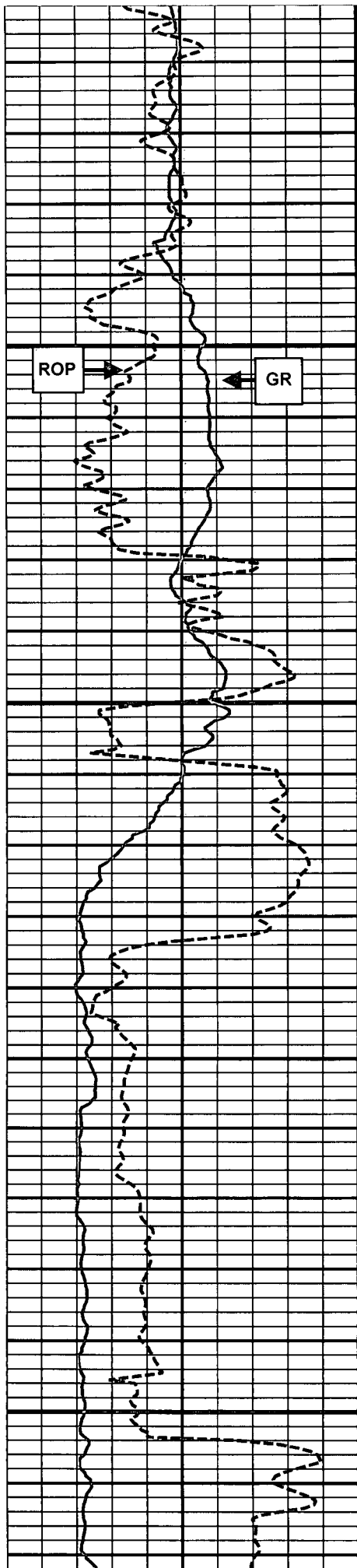




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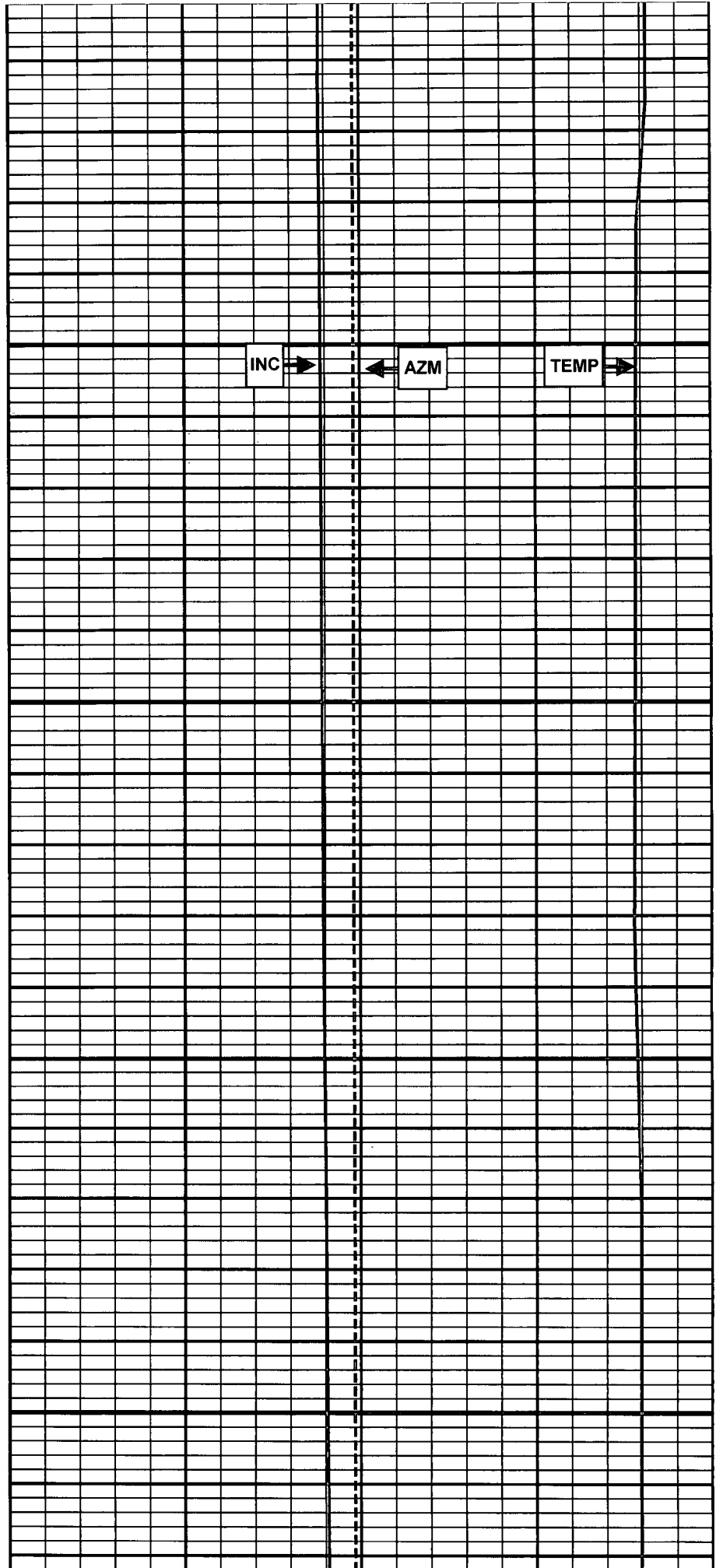
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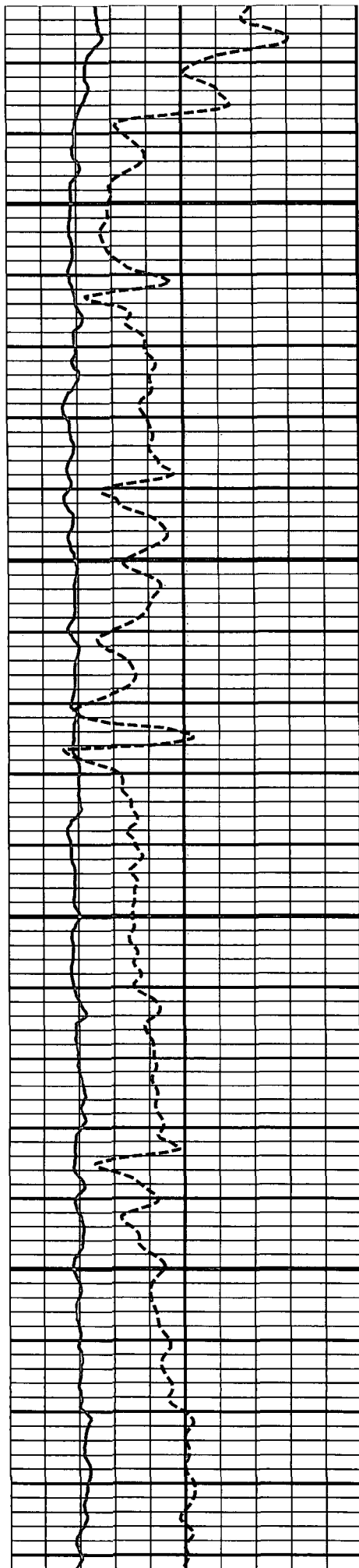




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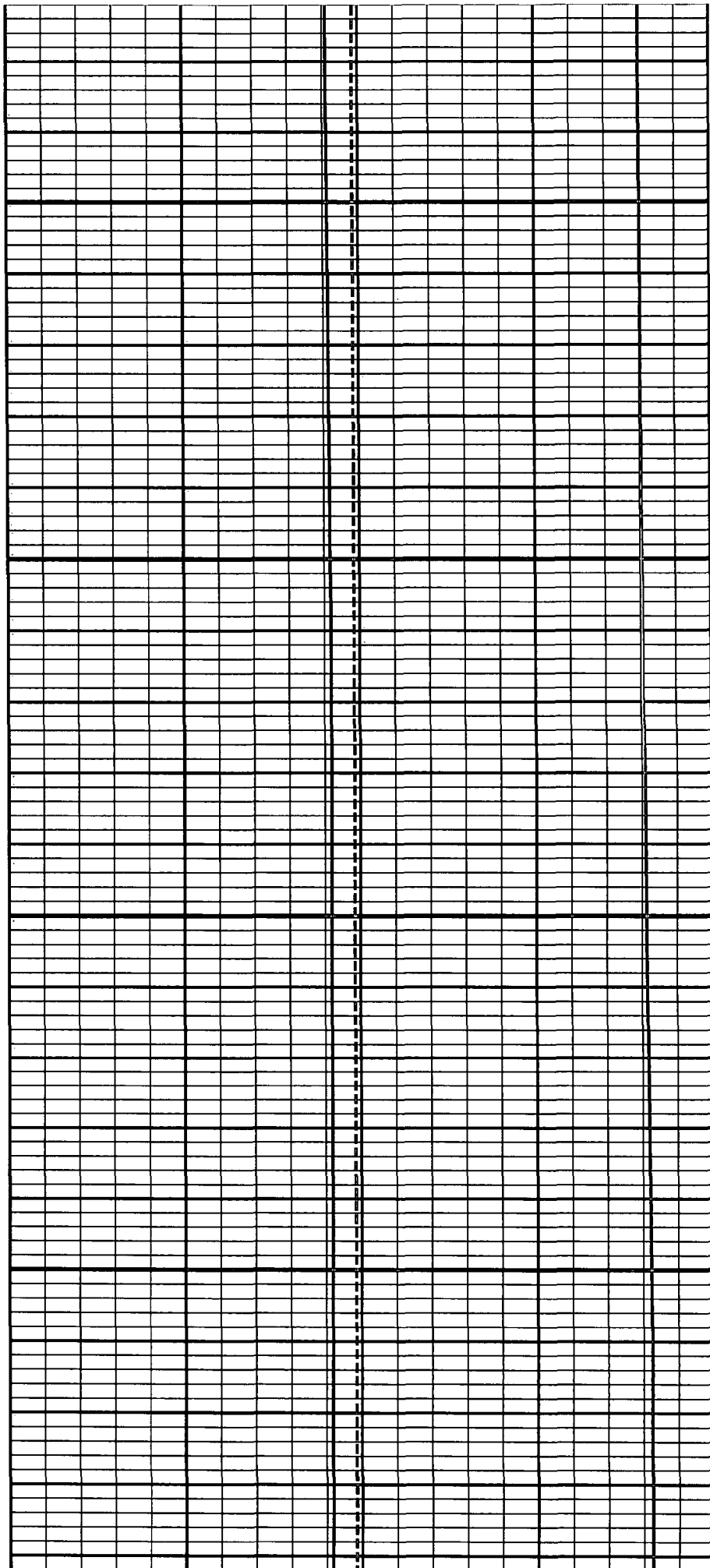
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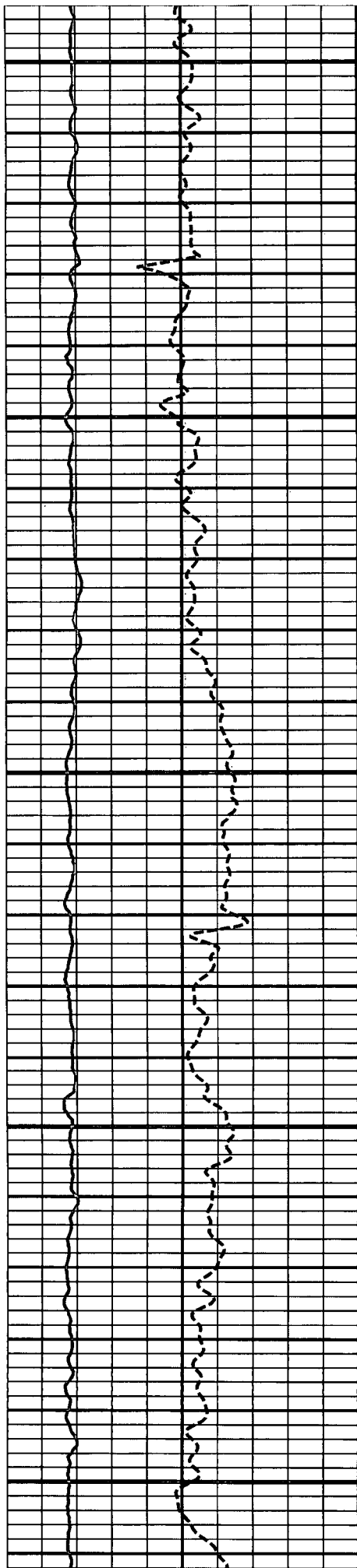




13200
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13300
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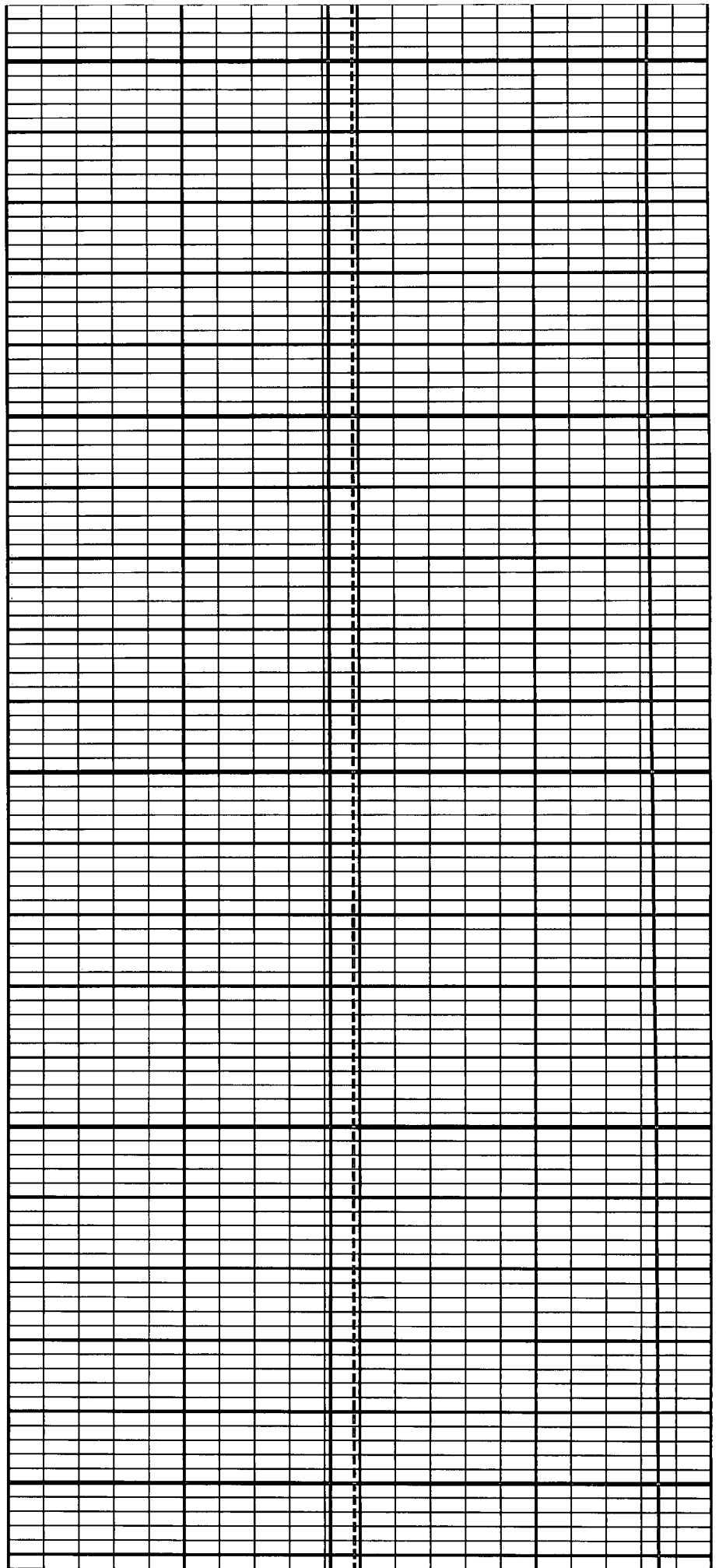


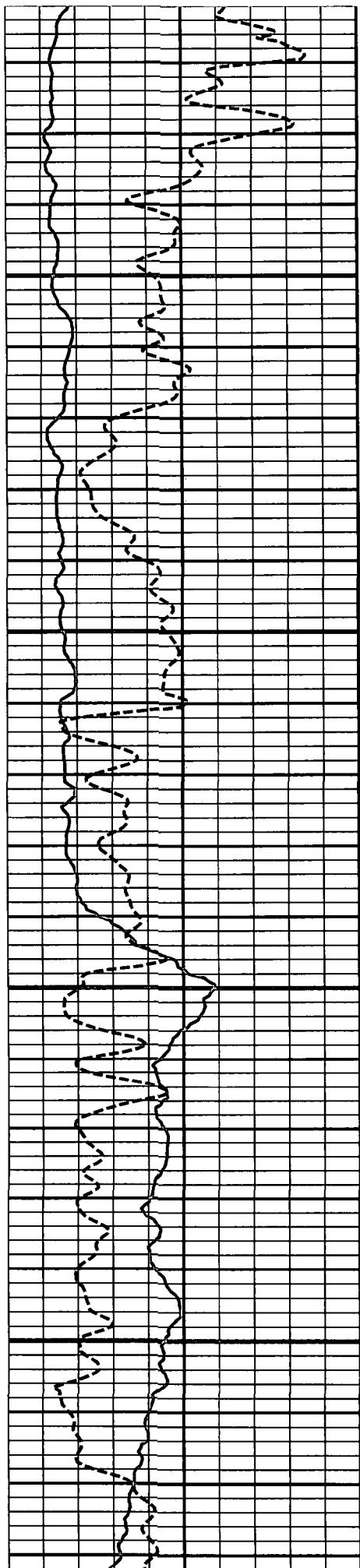


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13500
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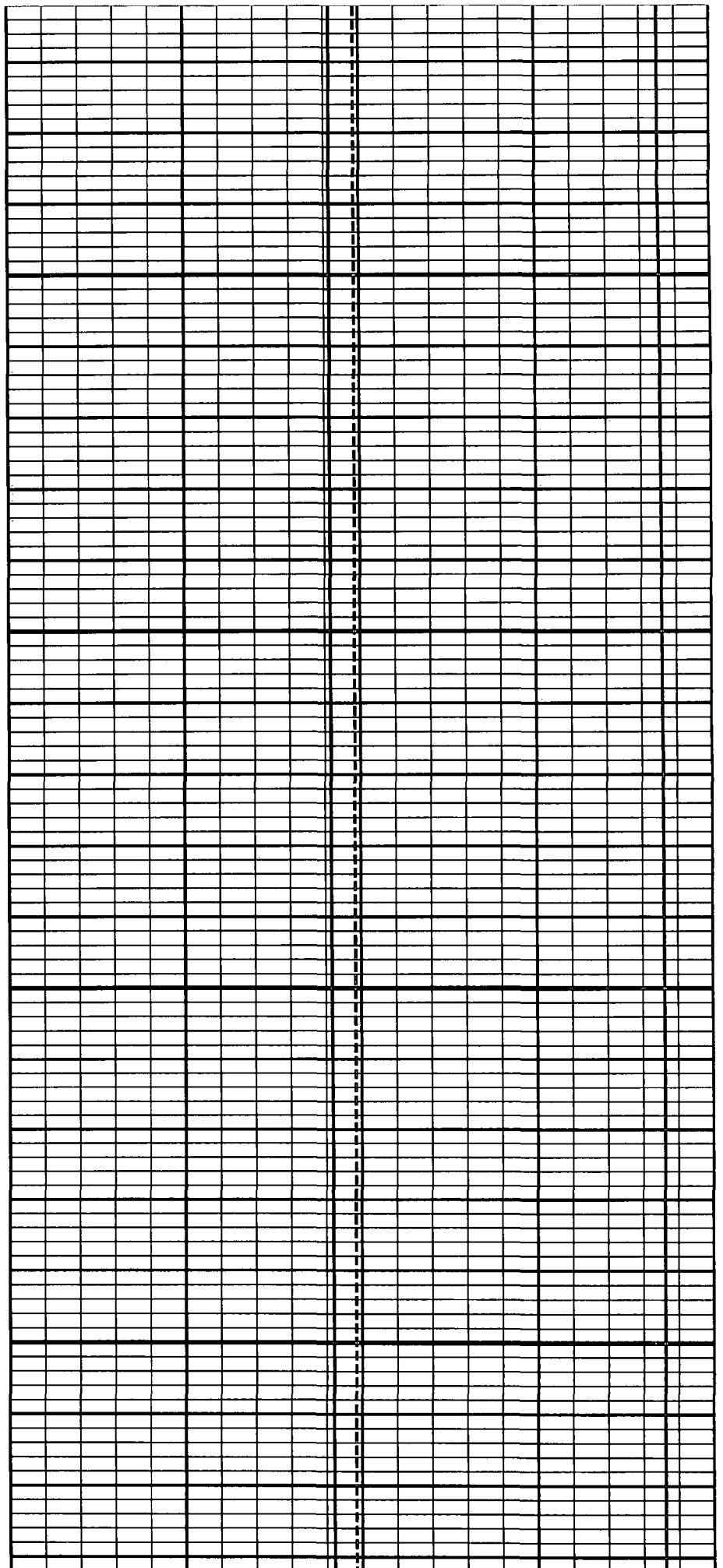
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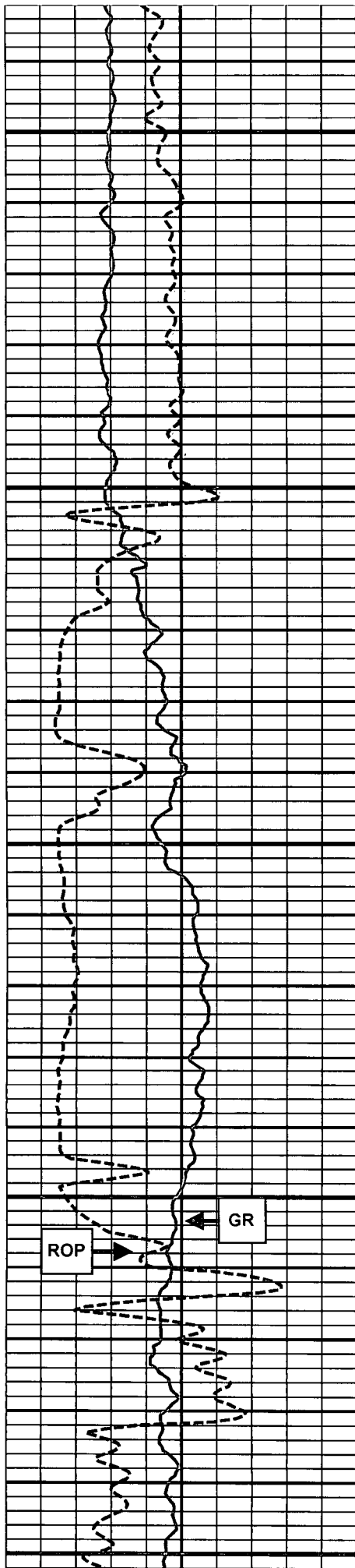




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13800
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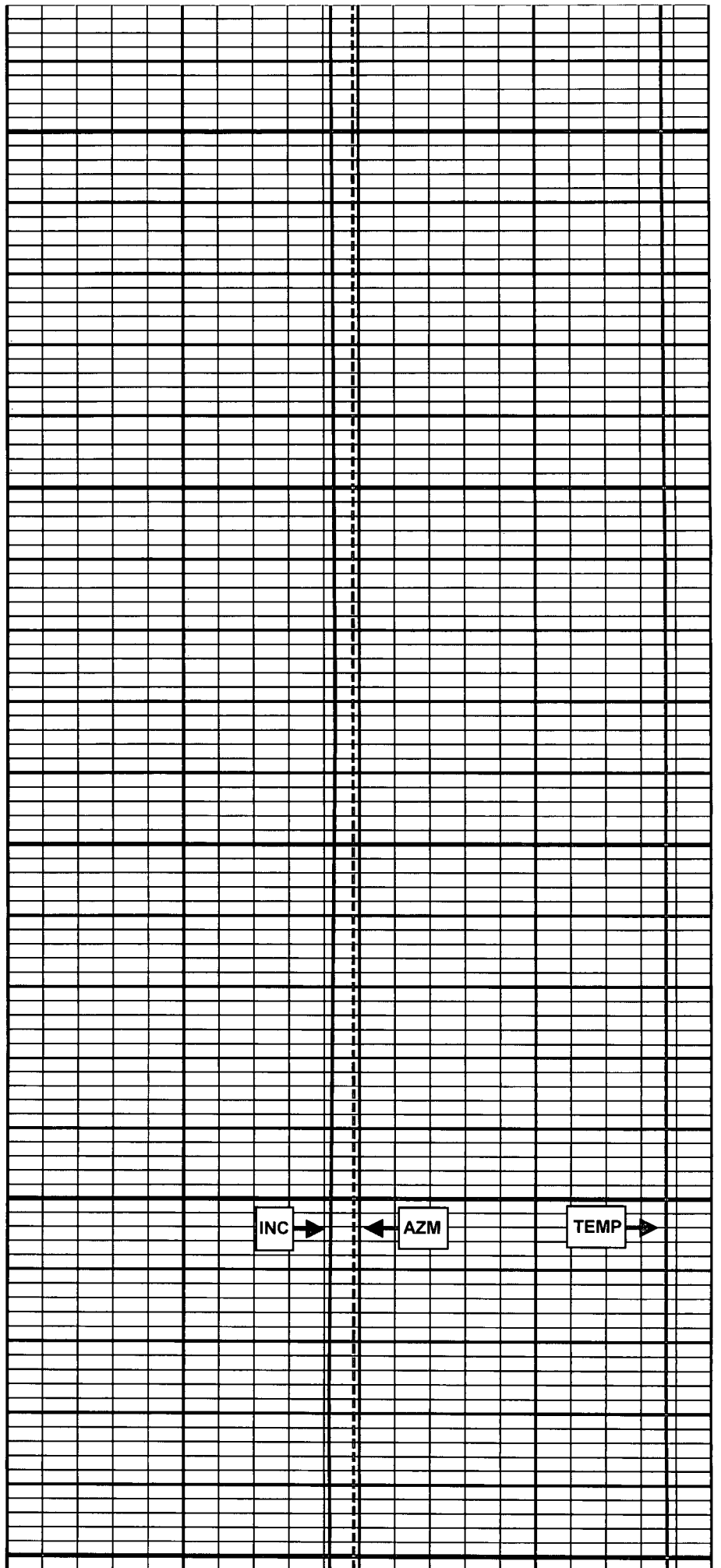


13900
MD

14000
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ROP

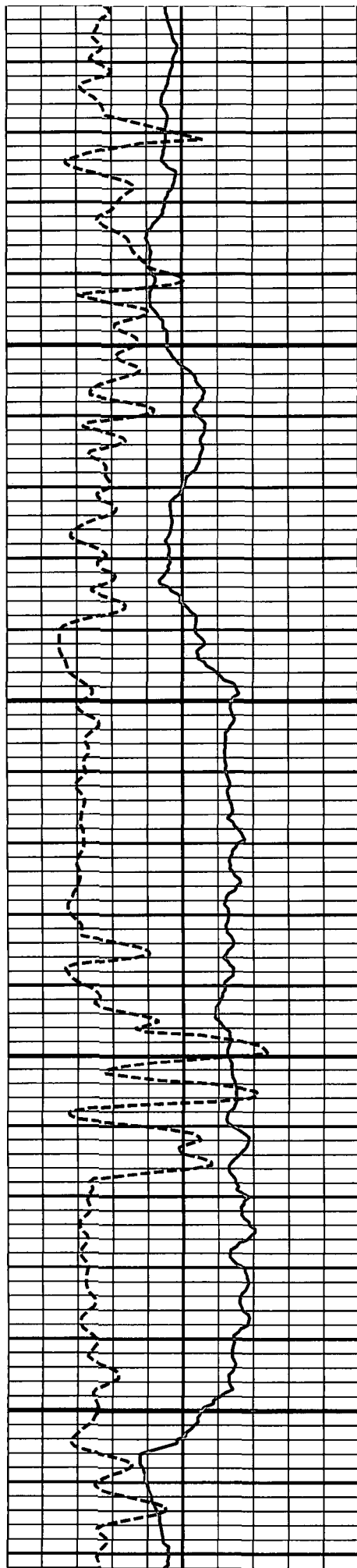
GR



INC

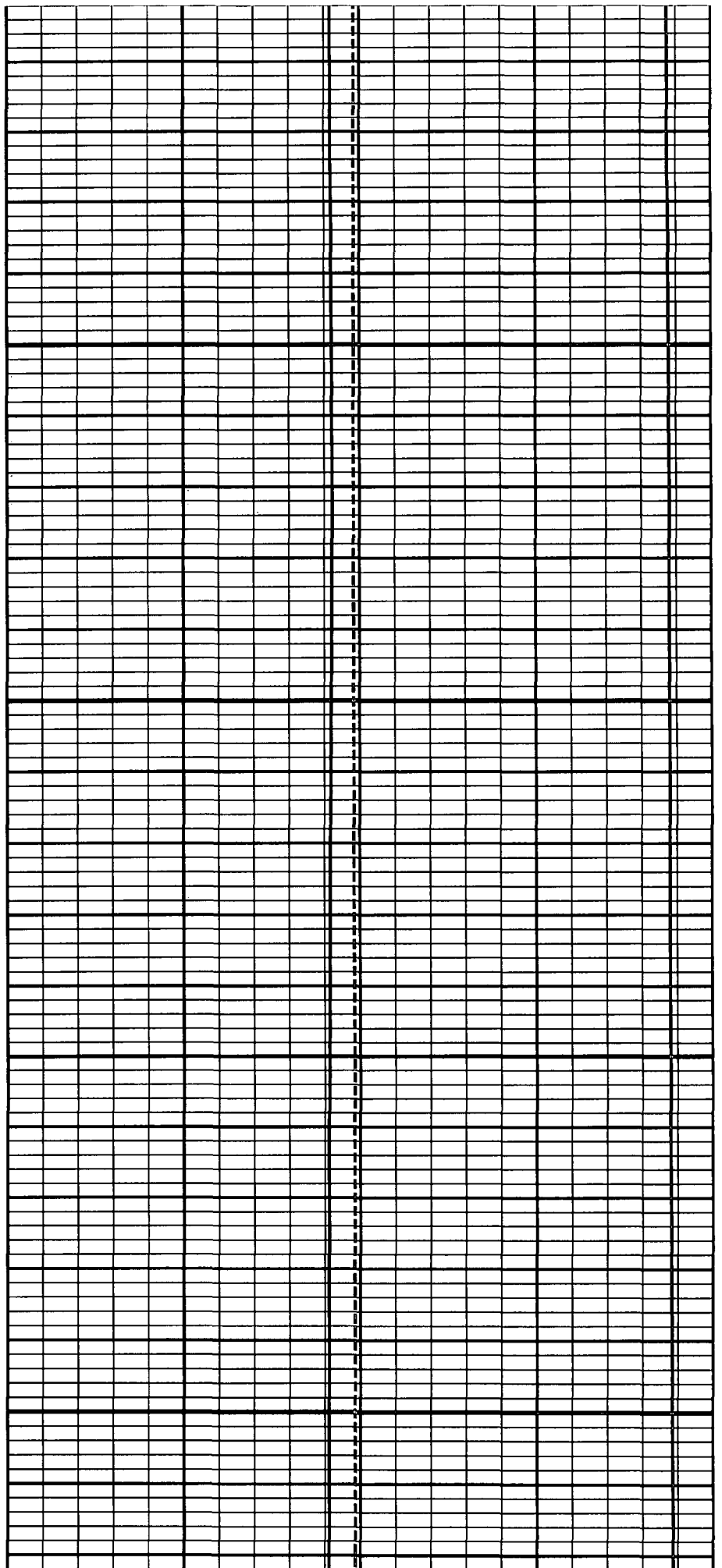
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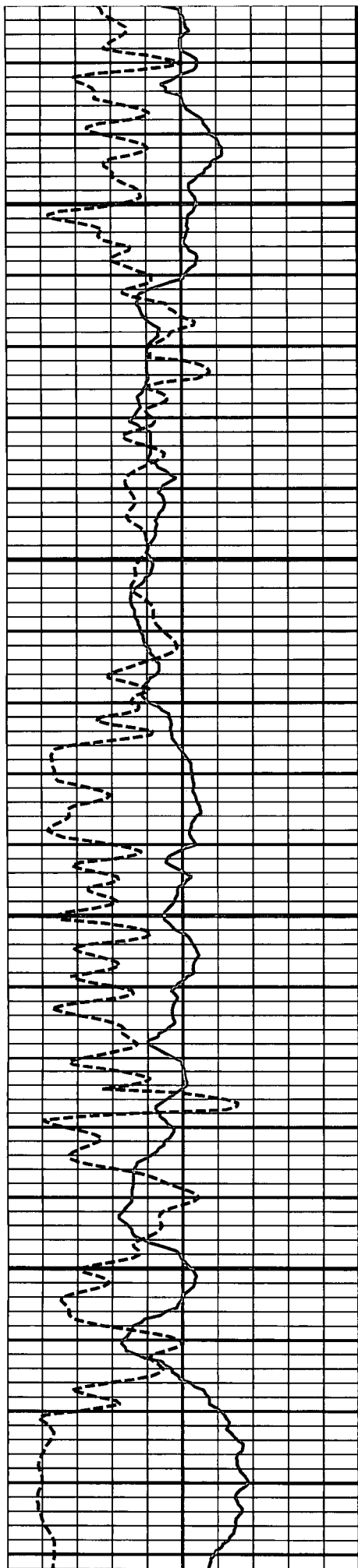
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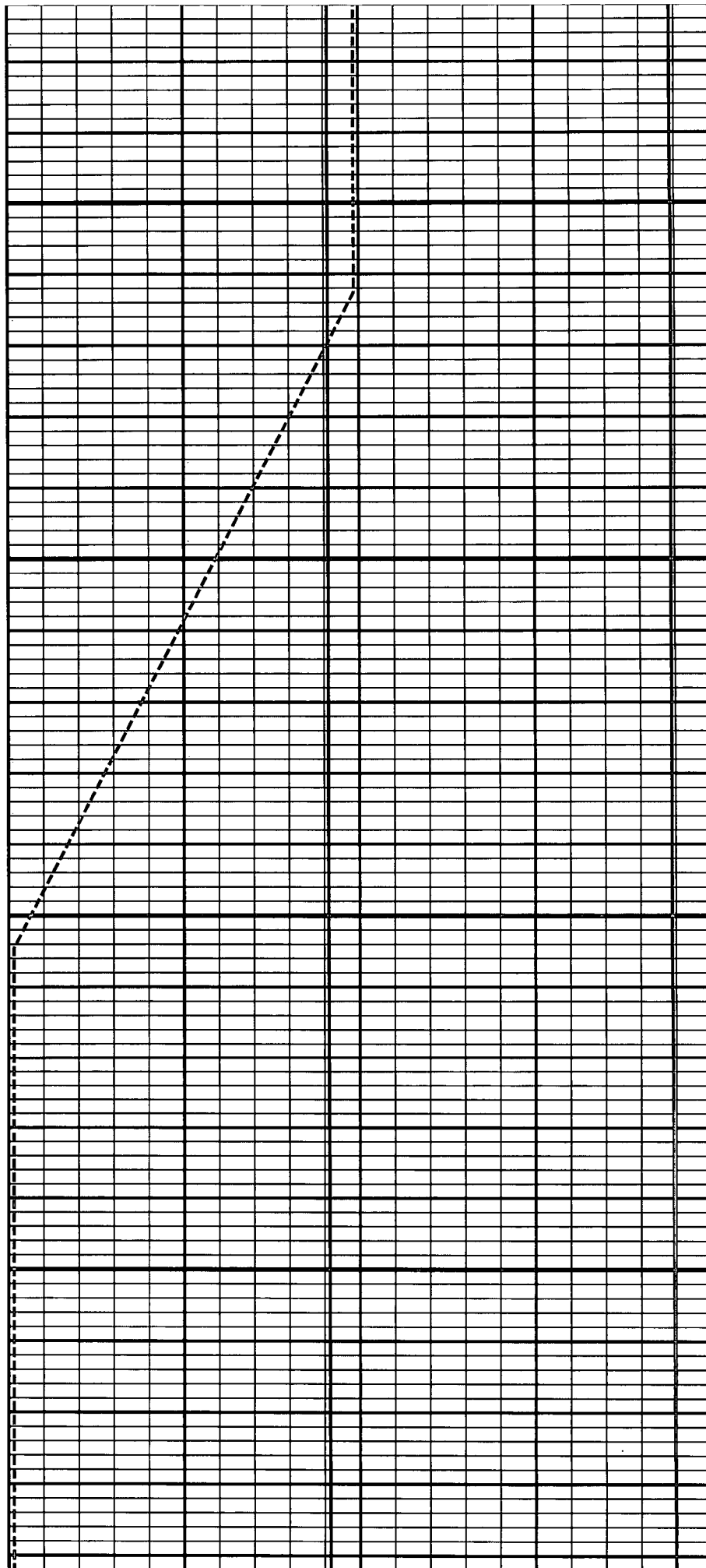
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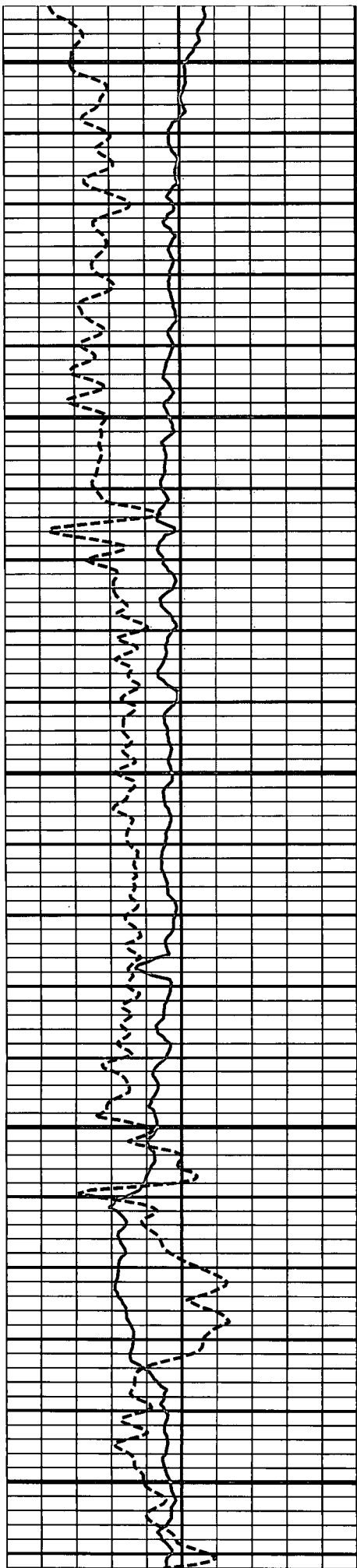




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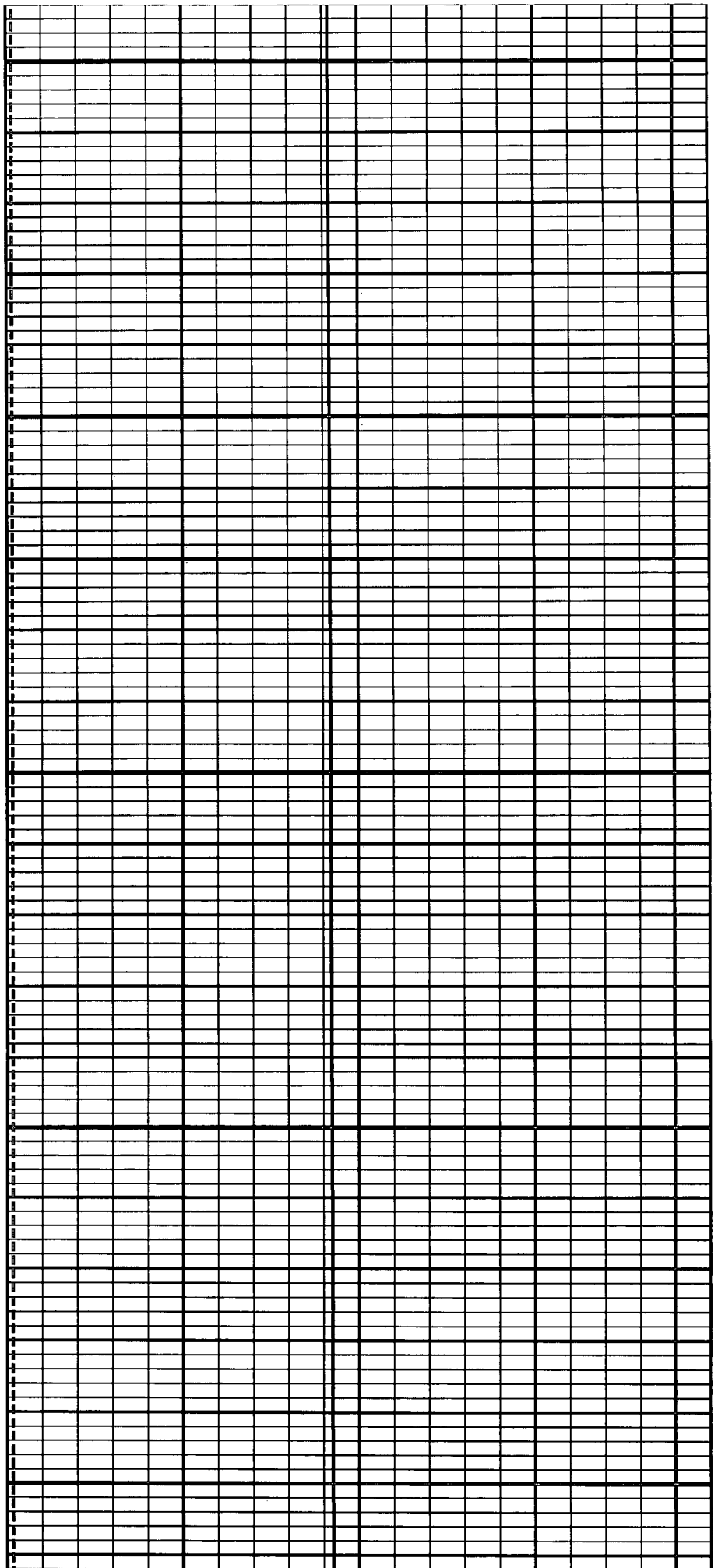


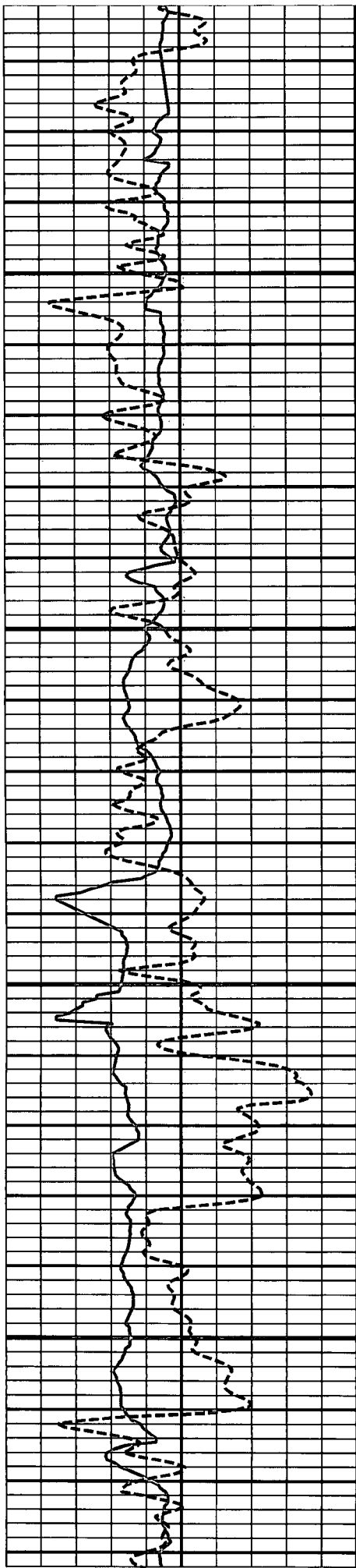


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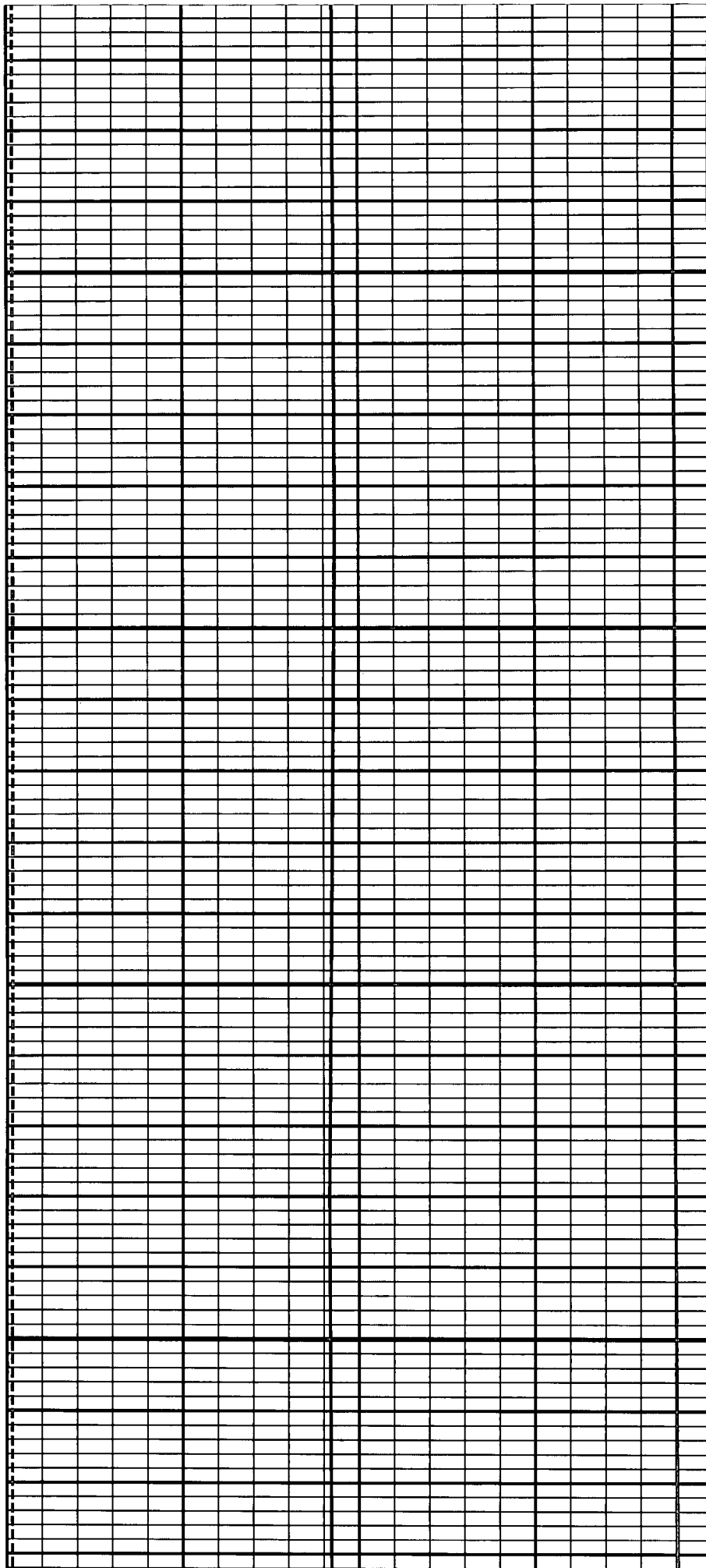
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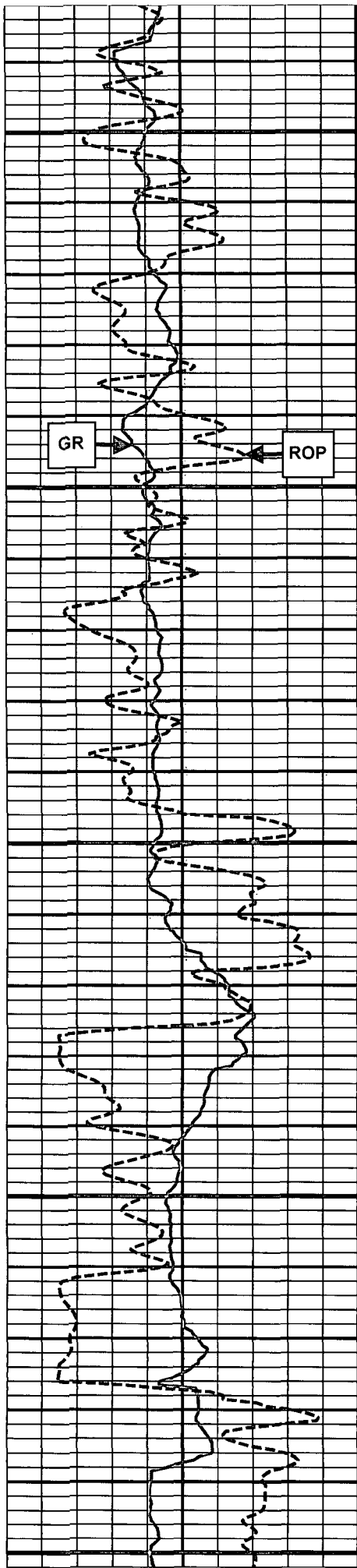




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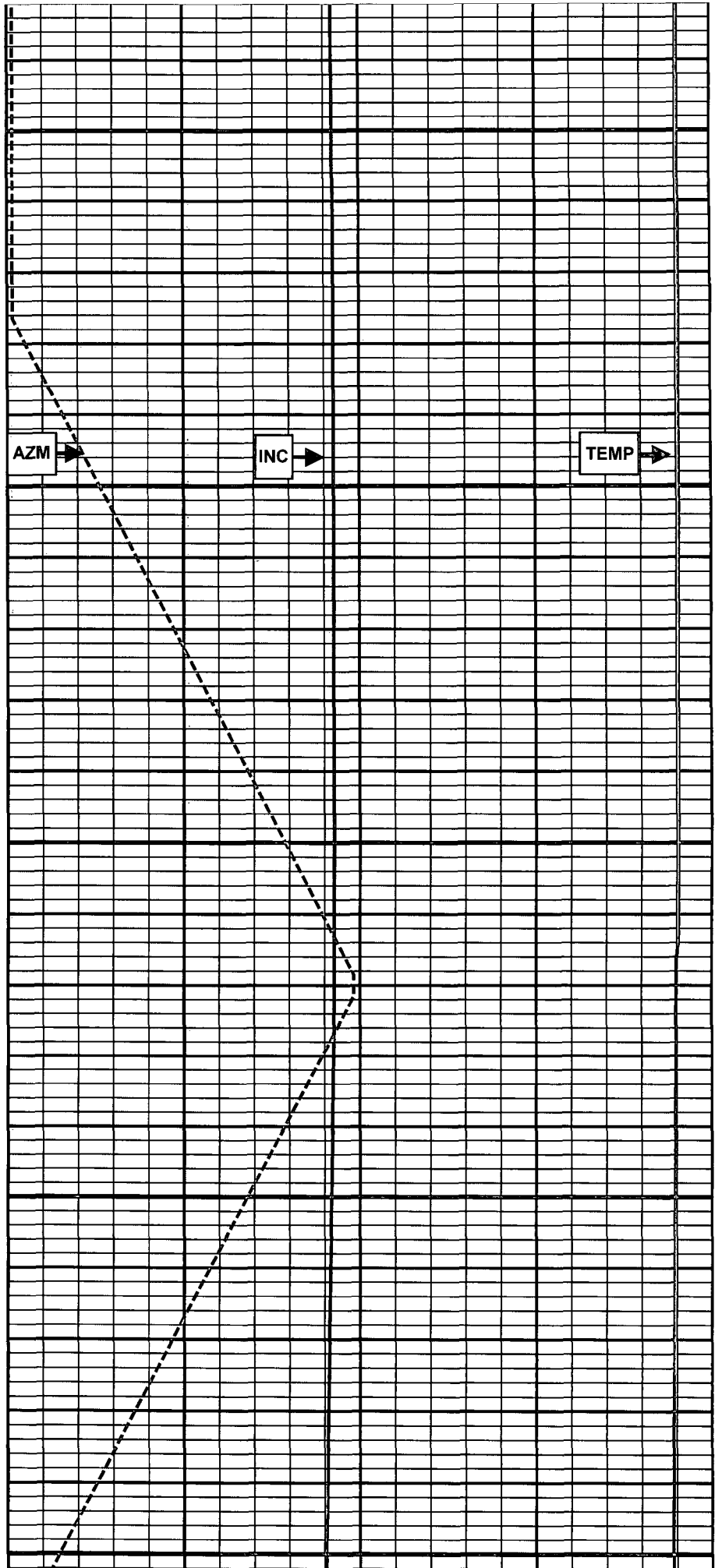
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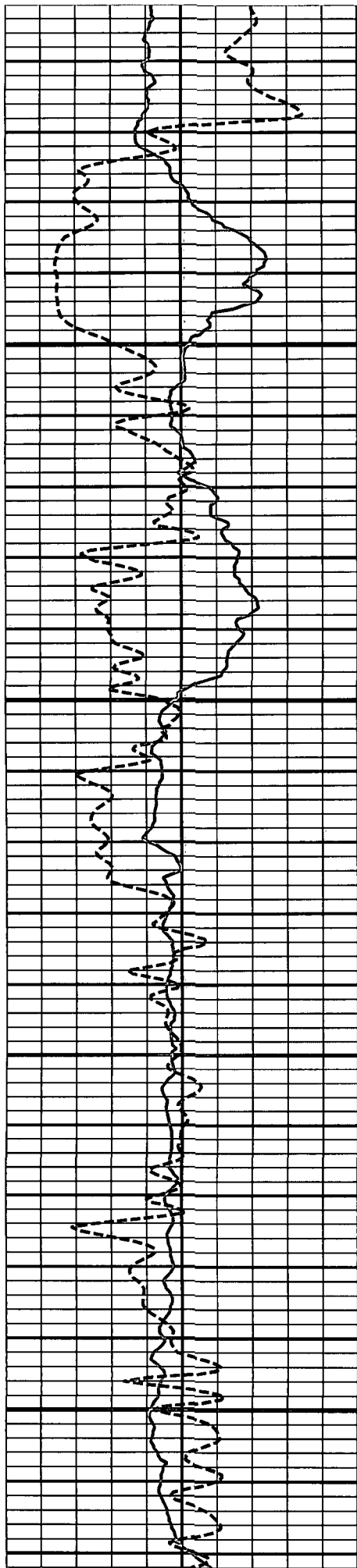




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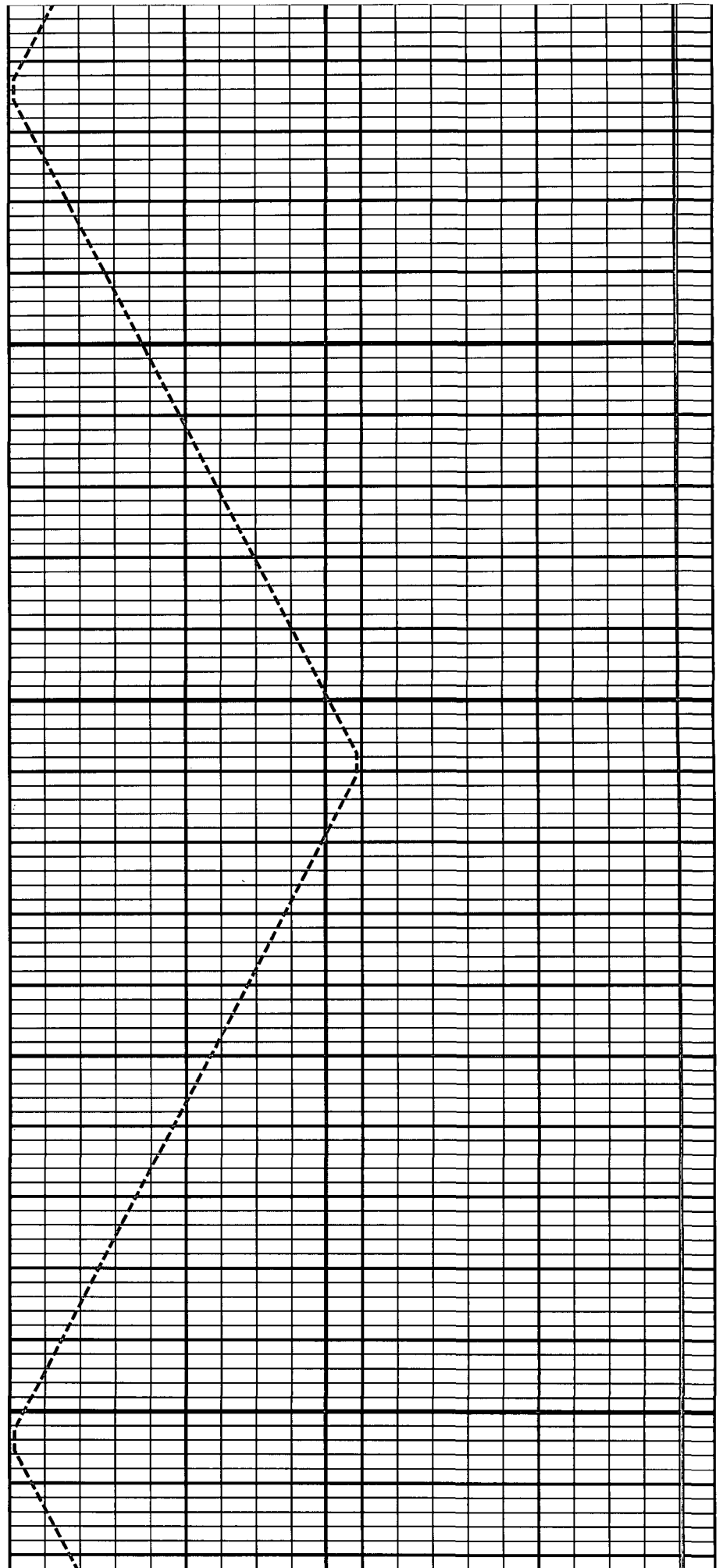
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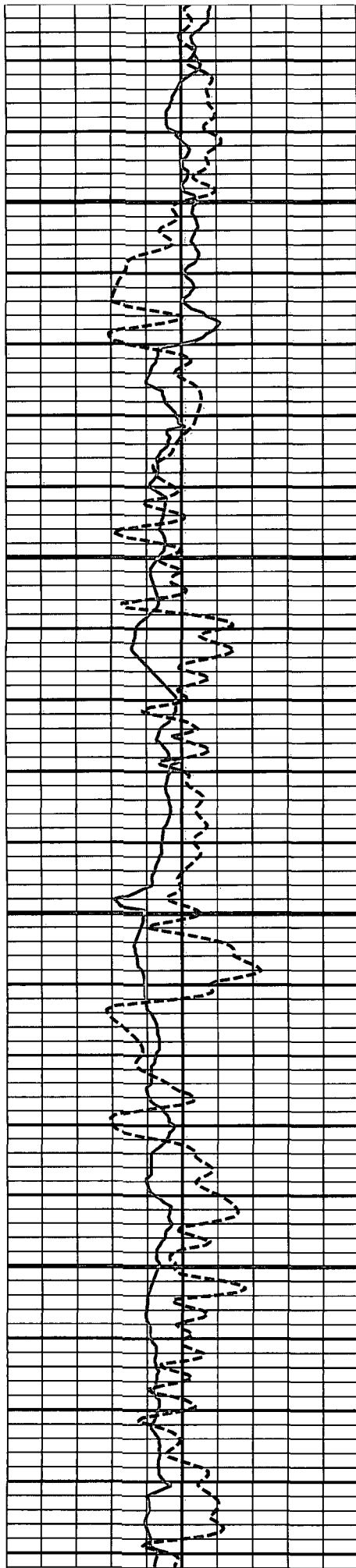




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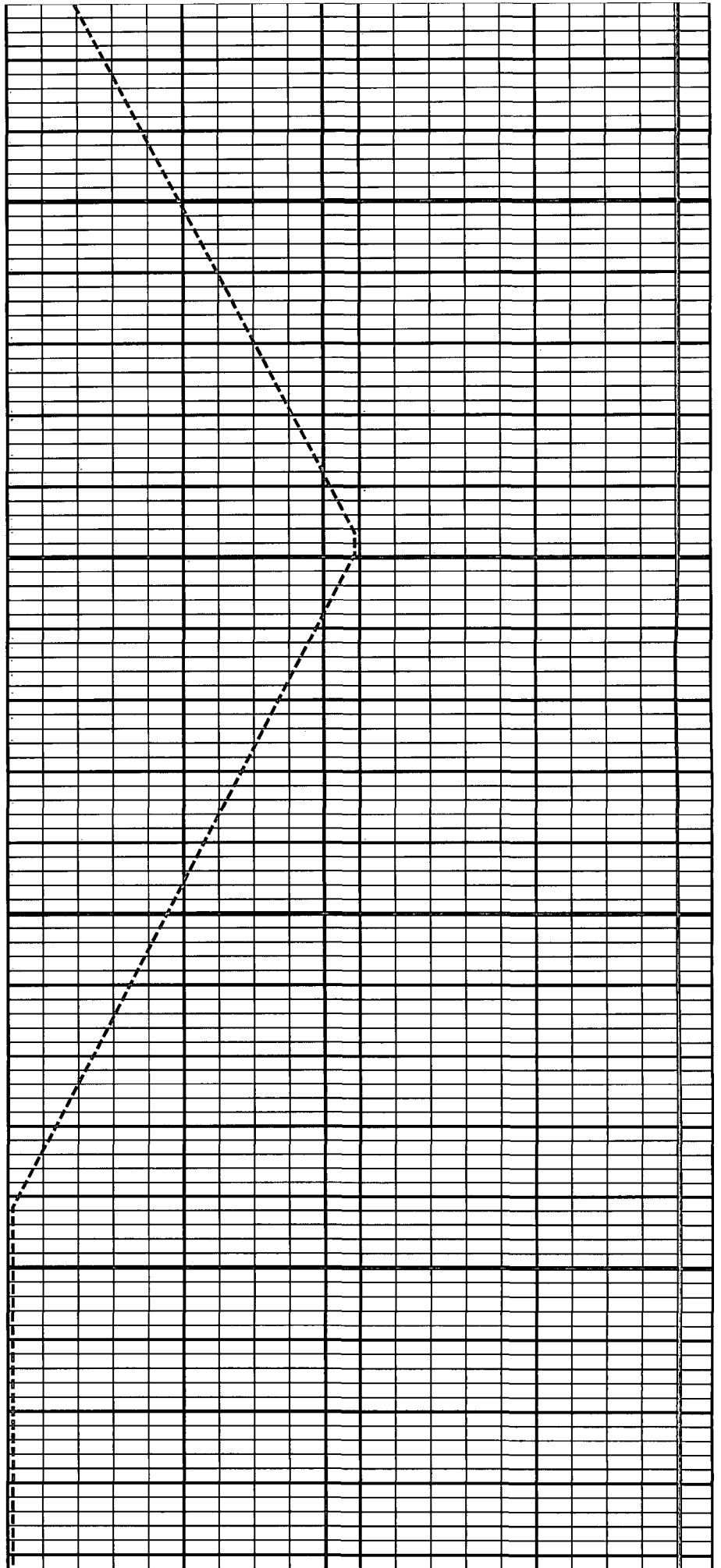
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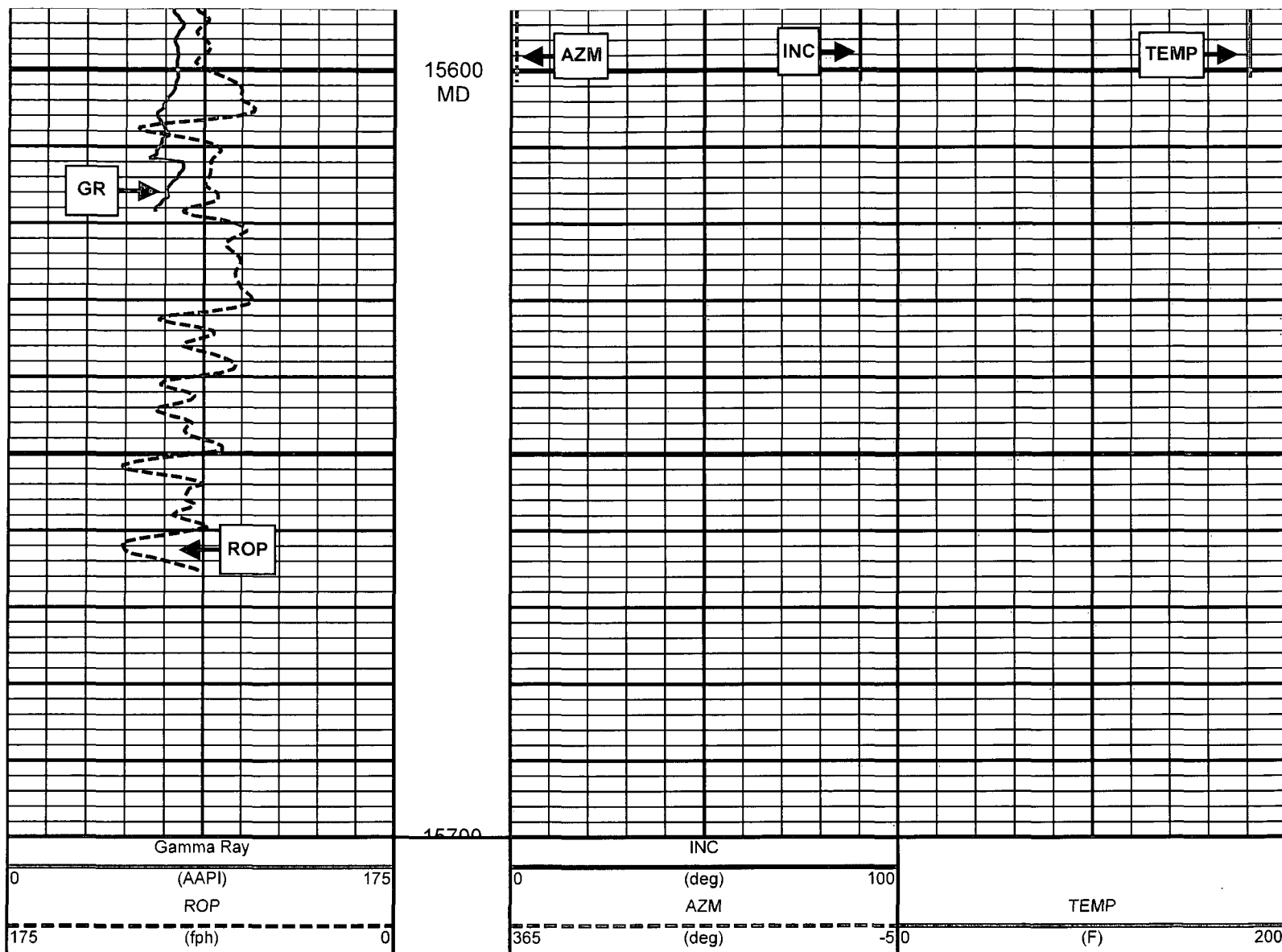




15400
MD

15500
MD





Weatherford

COMPANY: **Devon Energy**

WELL: **Thistle Unit 44H**

FIELD: **Lea**

COUNTRY: **United States**