

TEMPERATURE LOG  
W/CCL

COMPANY BILL BARRETT CORPORATION  
WELL GGU MILLER 33A-31-691  
FIELD GIBSON GULCH  
CNTY GARFIELD STATE CO

COMPANY BILL BARRETT CORPORATION  
WELL GGU MILLER 33A-31-691  
FIELD GIBSON GULCH  
COUNTY GARFIELD STATE COLORADO

LOCATION: SHL: 565' FSL, 2370' FEL  
BHL: 1485' FSL, 1998' FEL  
SEC. 31 TWP. 6S RGE. 91W  
OTHER SERVICES: NONE

PERM. DATUM GROUND LEVEL ELEV. 6231'  
LOG MEASURED FROM K.B. 23 FT. ABOVE PERMANENT DATUM ELEV.: K.B. 6254'  
D.RILLING MEASURED FROM KELLY BUSHING D.F. 6253'  
G.L. 6231'

DATE	20-OCT-2009	APL:	05-045-18234
RUN NO.	ONE		
DEPTH DRILLER	7371'		
DEPTH LOGGER	7298'		
BIT. LOG INTERVAL	7298'		
TOP LOG INTERVAL	SURFACE		
OPEN HOLE SIZE	7.875"		
TYPE FLUID	H2O		
DENS.	8.3		
MAX. REC. TEMP.	185 DEG F		
EST. CEMENT TOP	2600'		
TIME WELL READY	ROA		
TIME LOGGER ON BIT.	SEE LOG		
EQUIP. NO.	14068		
LOCATION	GRAND JUNCTION		
RECORDED BY	ADAM MacPHERSON		
WITNESSED BY	ROBERT SCHULTZ		
BOREHOLE RECORD		TUBING RECORD	
RUN NO.	BIT FROM	TO	SIZE WGT. FROM TO
TWO	8.750	802'	5975'
THREE	7.880	5975'	7371'
CASING RECORD	SIZE	WT/FT	GRADE TYPE JOINT TOP BOTTOM
SURFACE STRING	9.625"	36.0	SURF SURF 802'
PROT. STRING			
PROD. STRING	4.500"	11.6	SURF SURF 7350'
LINER			

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do 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.

REMARKS Rig: PATTERSON 313 Service Order # 160247  
LOG WAS RAN ON WIRELINE DEPTH WITH 23' K.B. BHT 185.7 °F  
PLUG BUMPED @ 23:30 HRS ON 19-OCT-09  
ETOC OF 2600' REACHED @ 03:15 HRS ON 20-OCT-09

Prints: 2

YOUR CREW TODAY IS: M. COBO, W. WILLIAMS  
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE SRVC GRD. JUNCTION (790)263-8501

		EQUIPMENT DATA			
Bit Size	7.875"	Run No.	Tool Type	Tool No.	Other
Well Status	NEW DRILL	ONE	CCL	152	
Surface Pressure		ONE	TMPE	152	
Shut In	Flowing				
ZERO	ZERO				


DEPTH SCALE: 5":100'

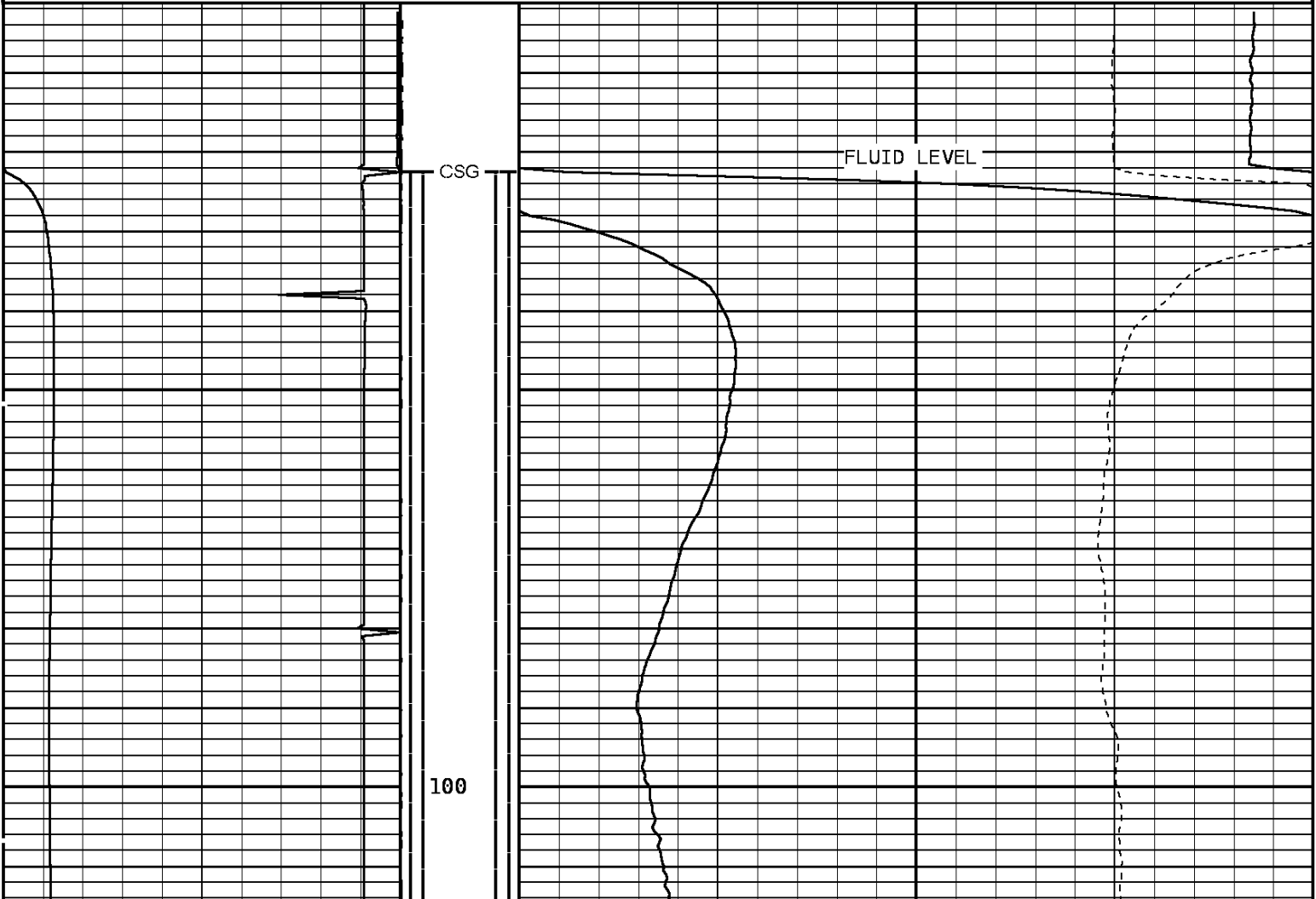
VERSION: 80214133R"

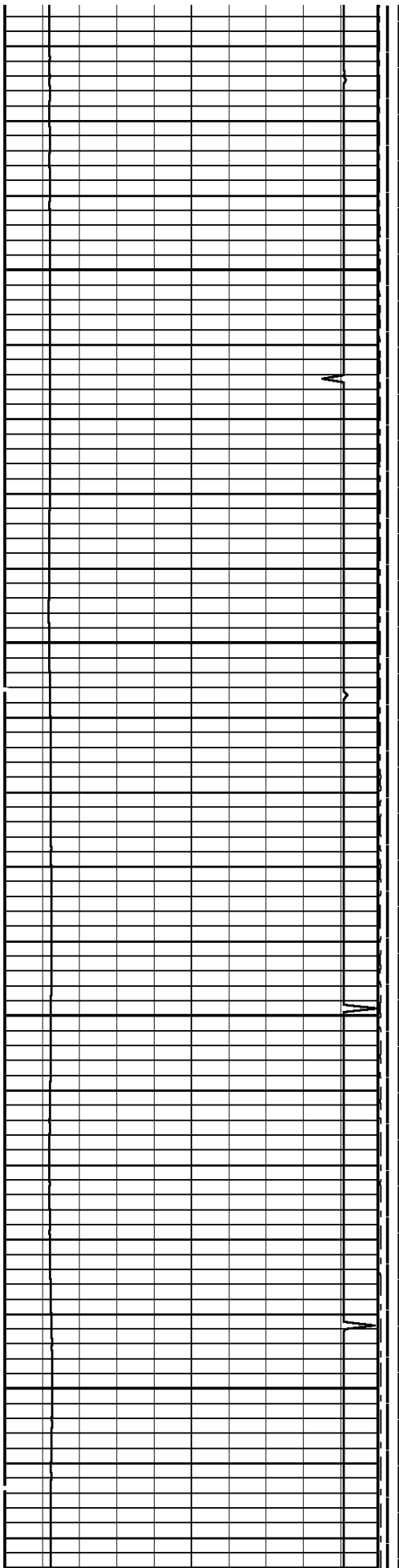
**MAIN PASS**

160247 TLTMP

FINISH DEPTH: 1.6 Feet DIRECTION: UP DATE: 10/20/2009 TIME: 04:26 MODE: TRACE PLAYBACK

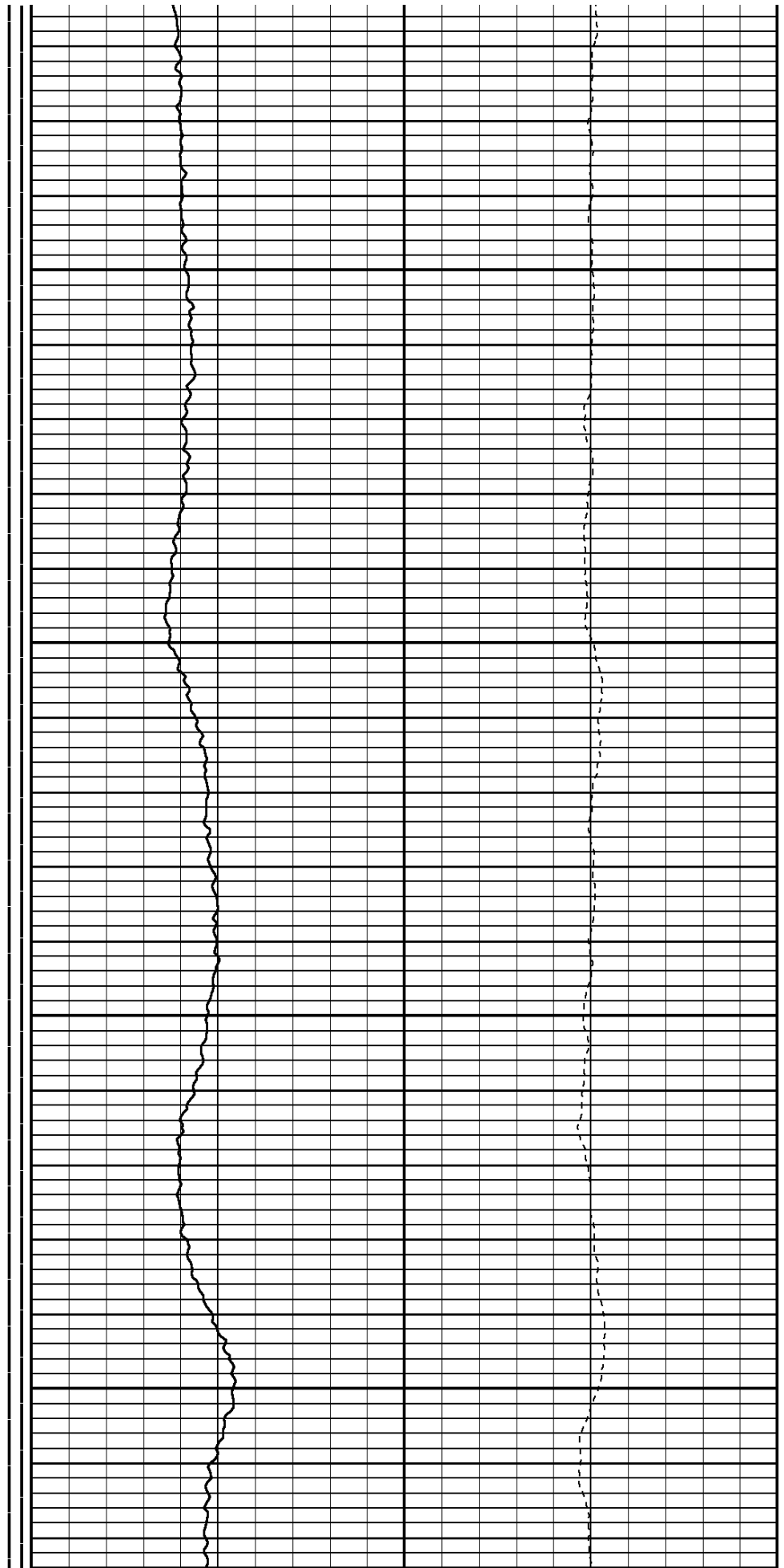
<b>Collar Locator</b>						<b>DELTA TEMPERATURE</b>			
-8000.0	Millivolts	800.0				-1.000	DegF/Foot	1.000	
<b>TEMPERATURE</b>			<b>Tension</b>	<b>TEMPERATURE</b>					
60.0	DegreesFarenheit	260.0	0	1500	0.0	DegreesFarenheit			20.0

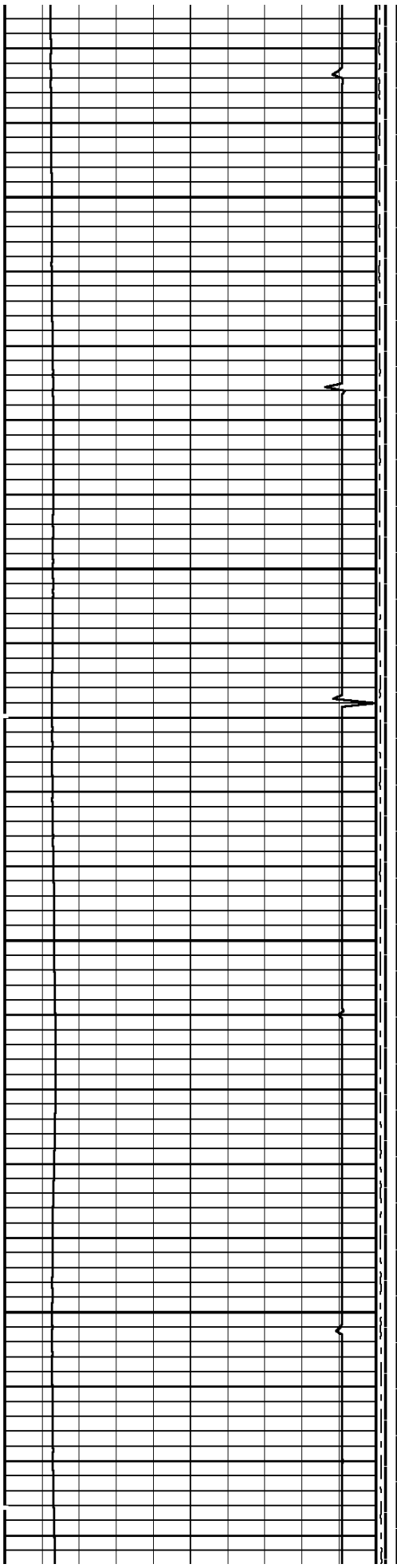




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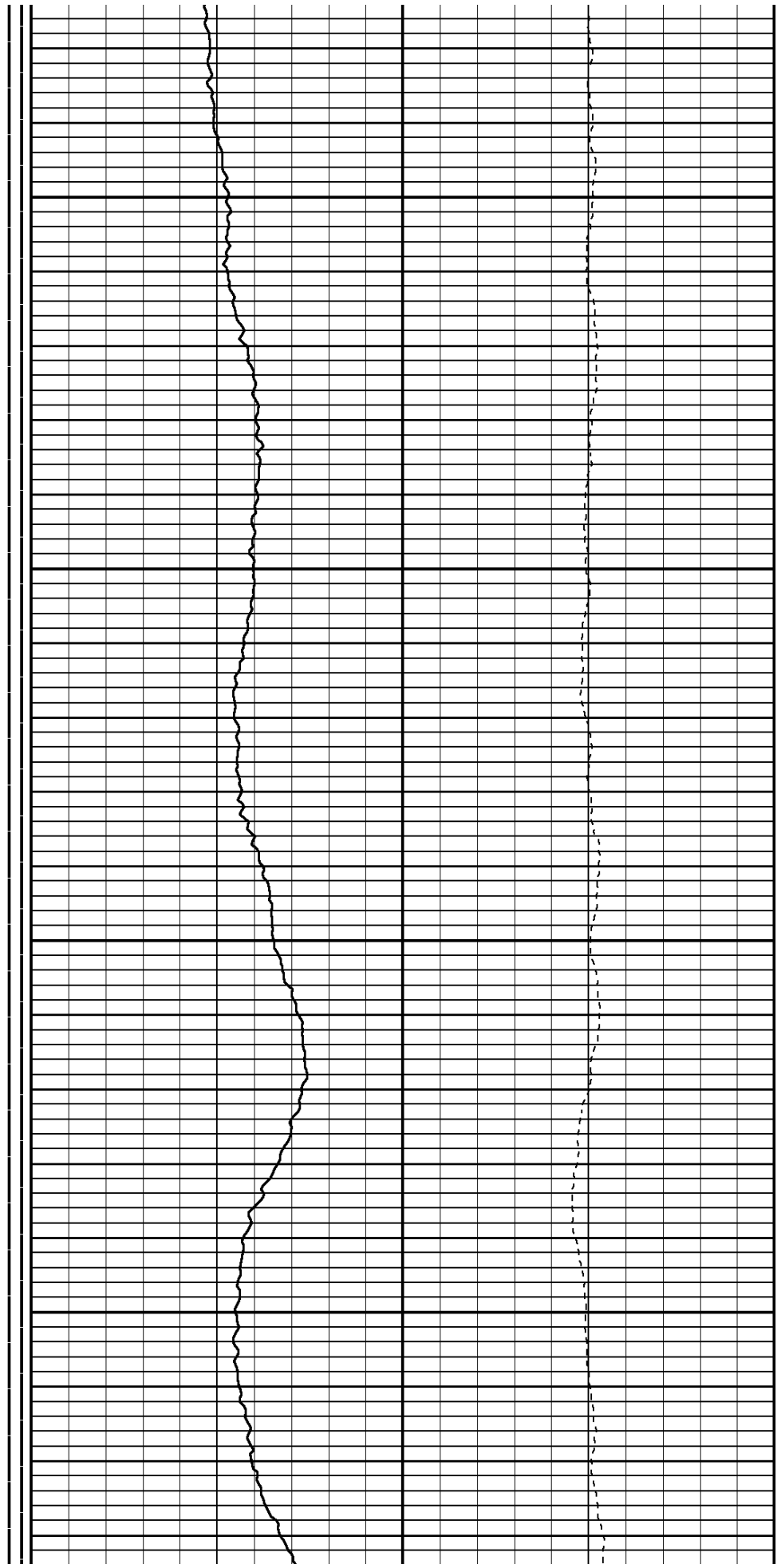
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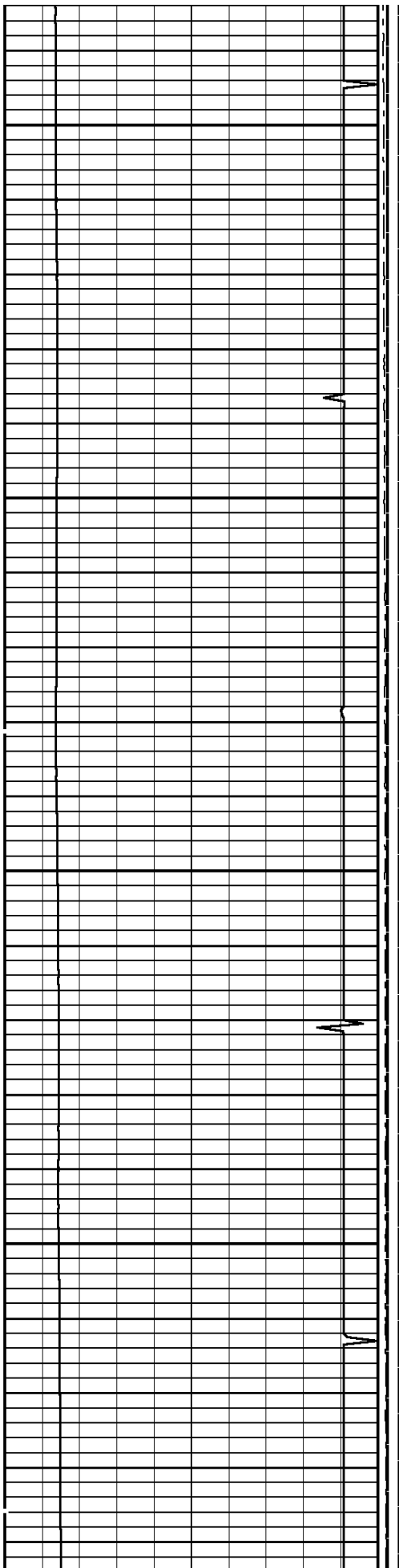




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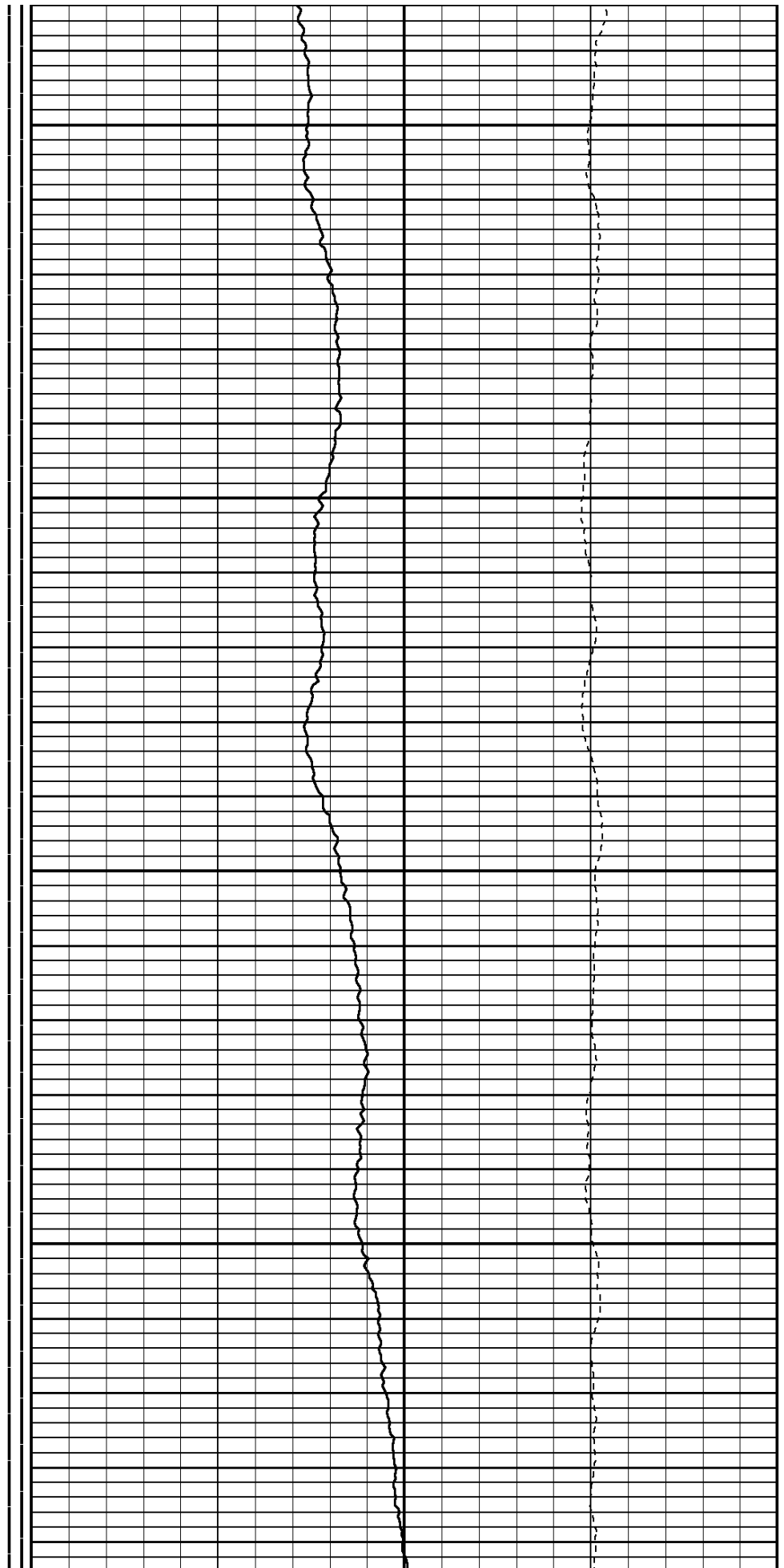
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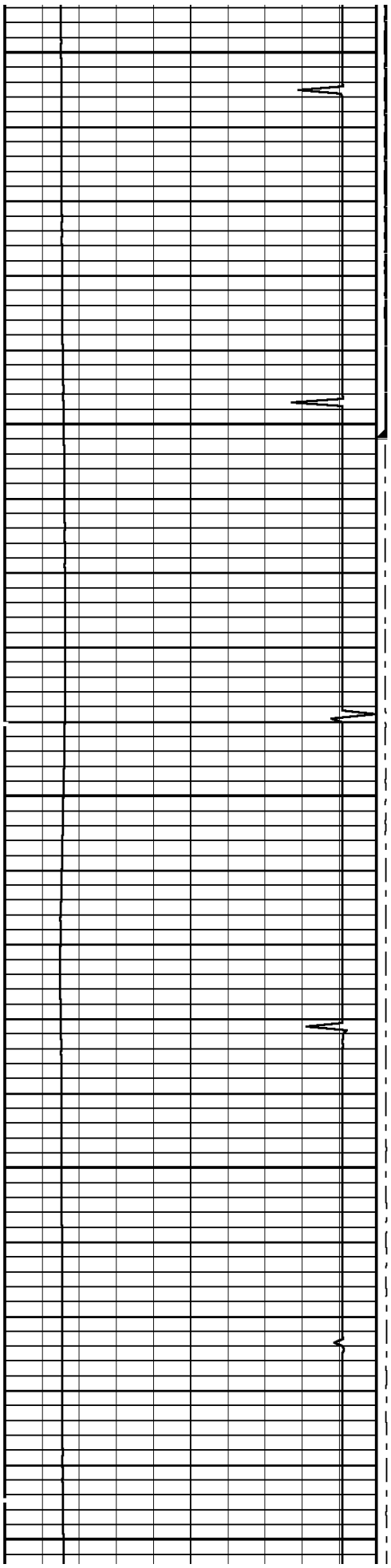




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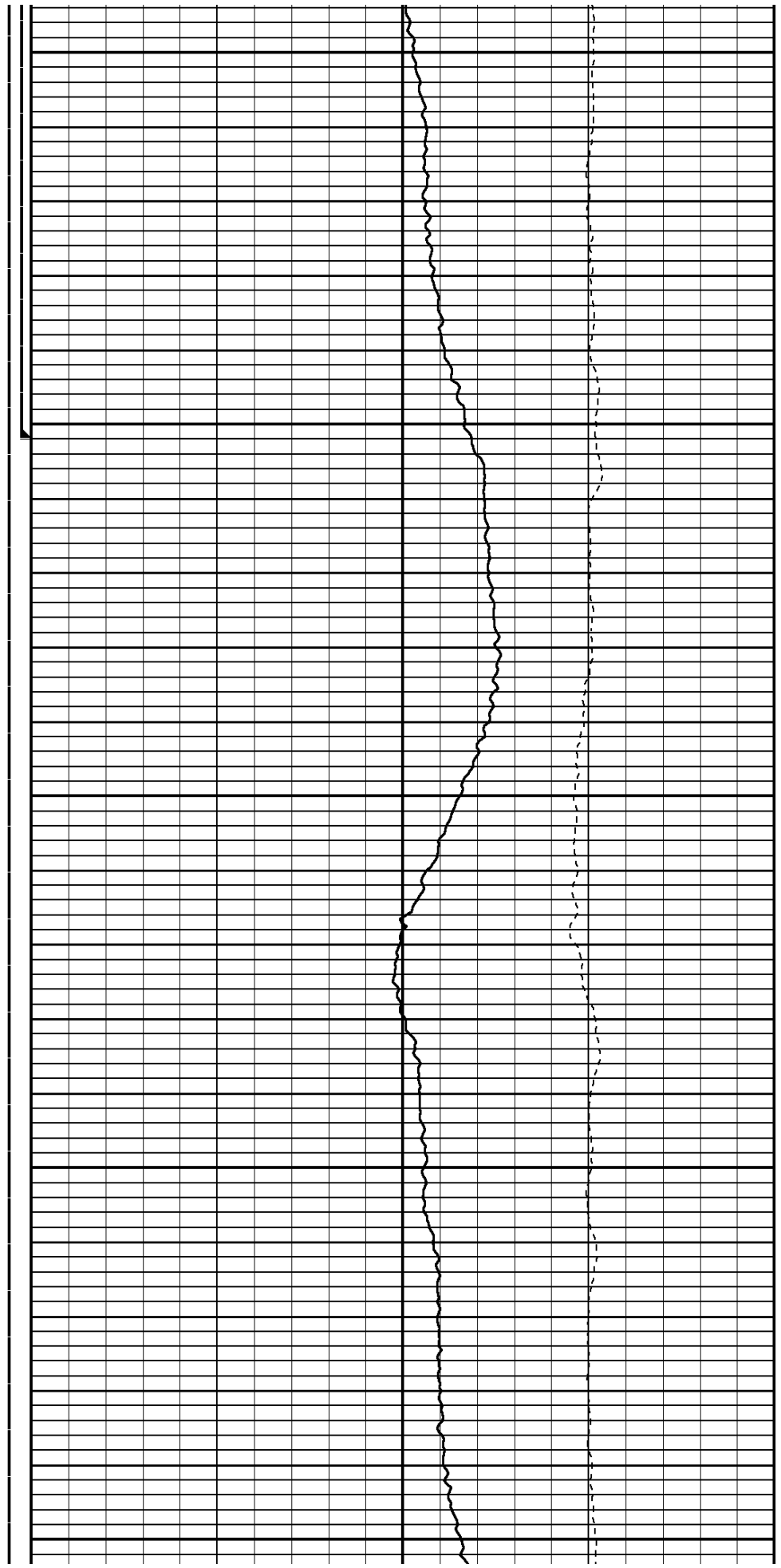
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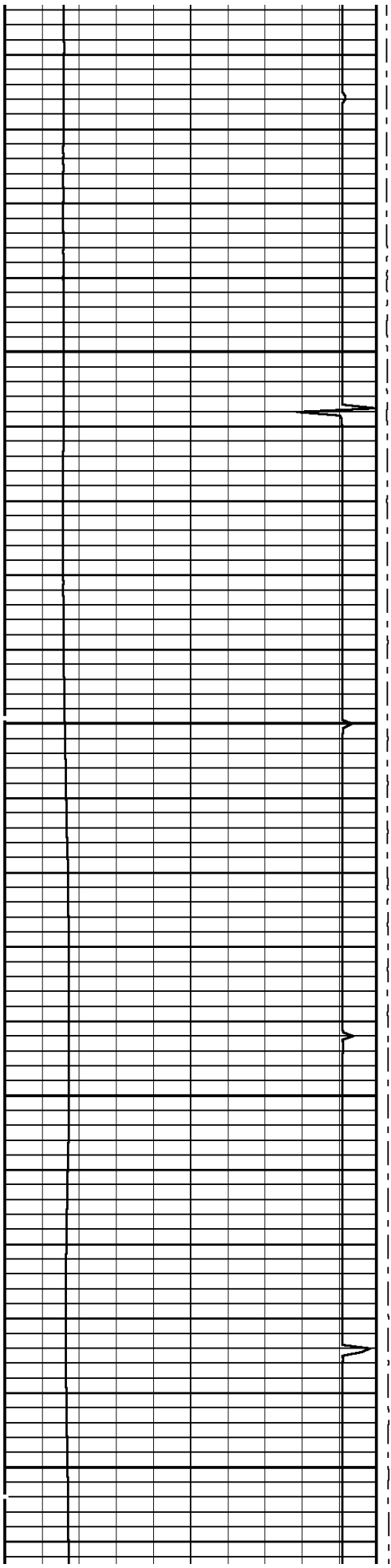




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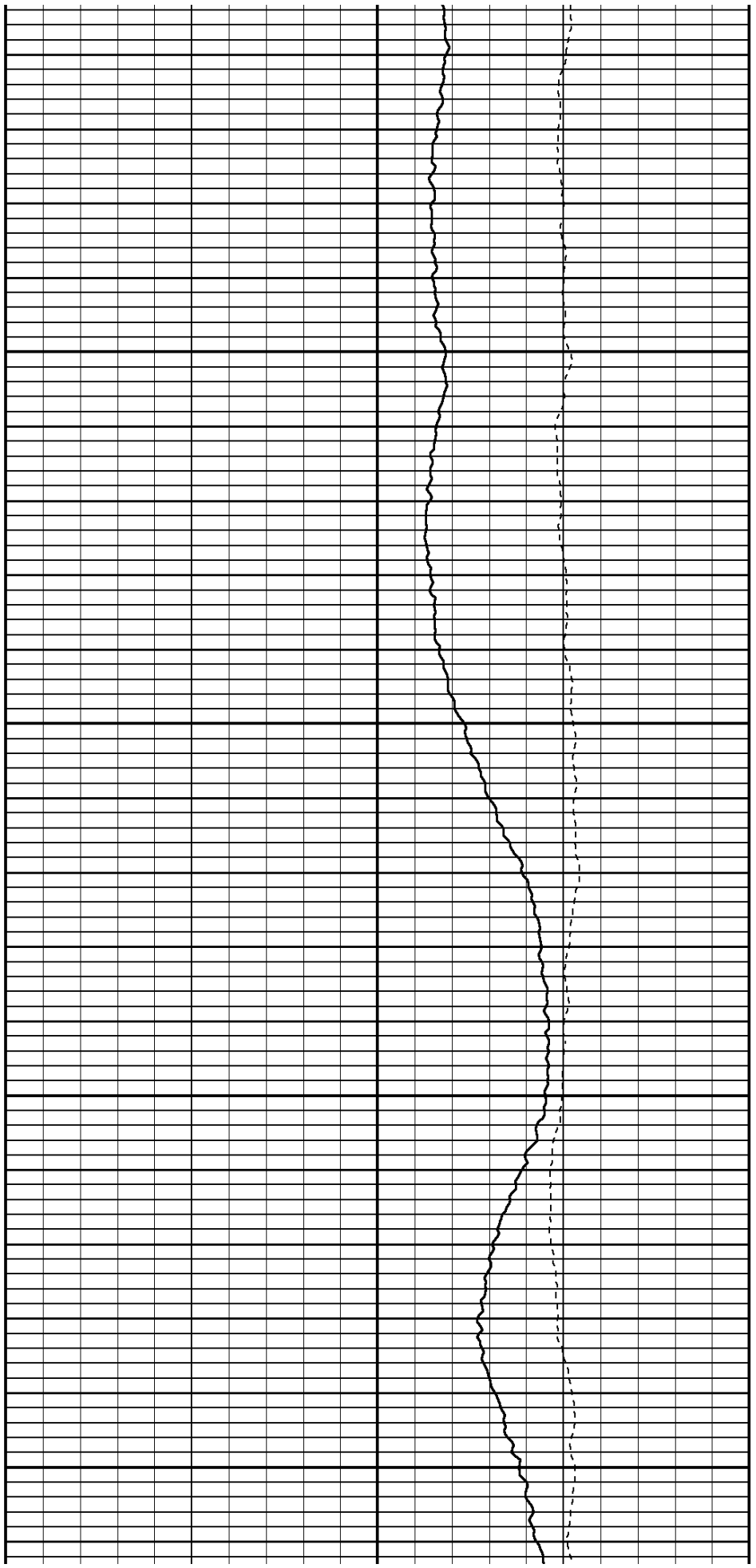
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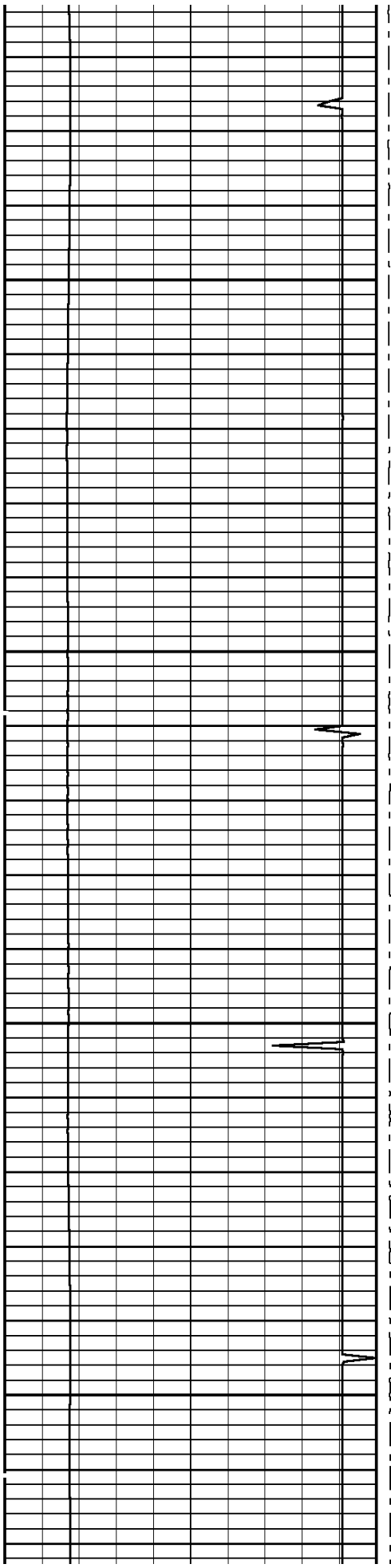




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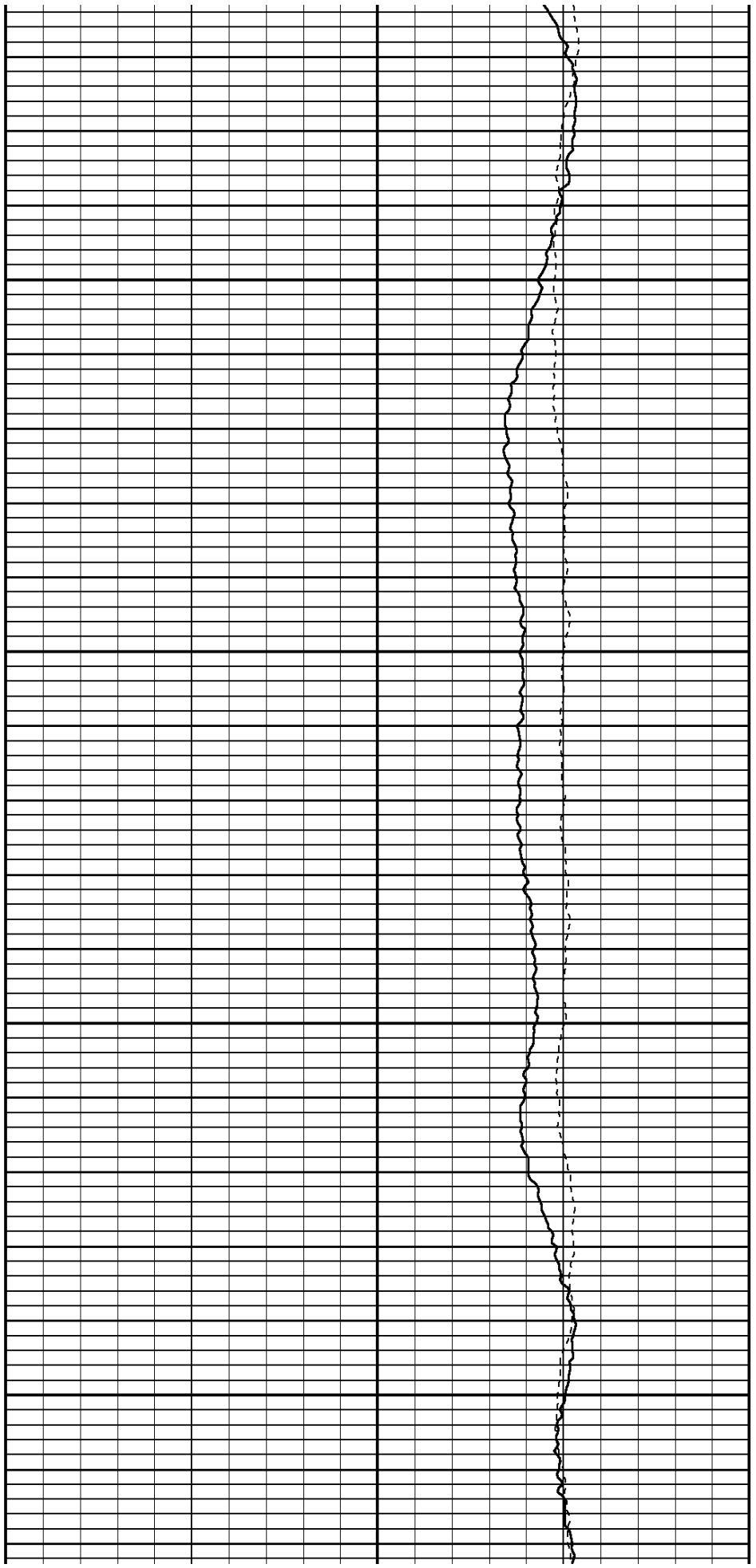
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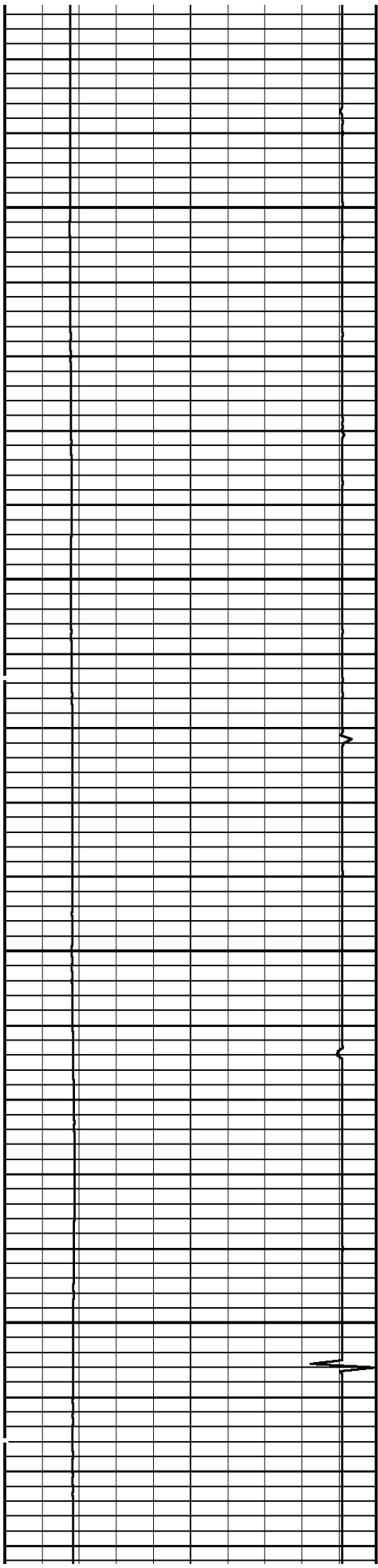




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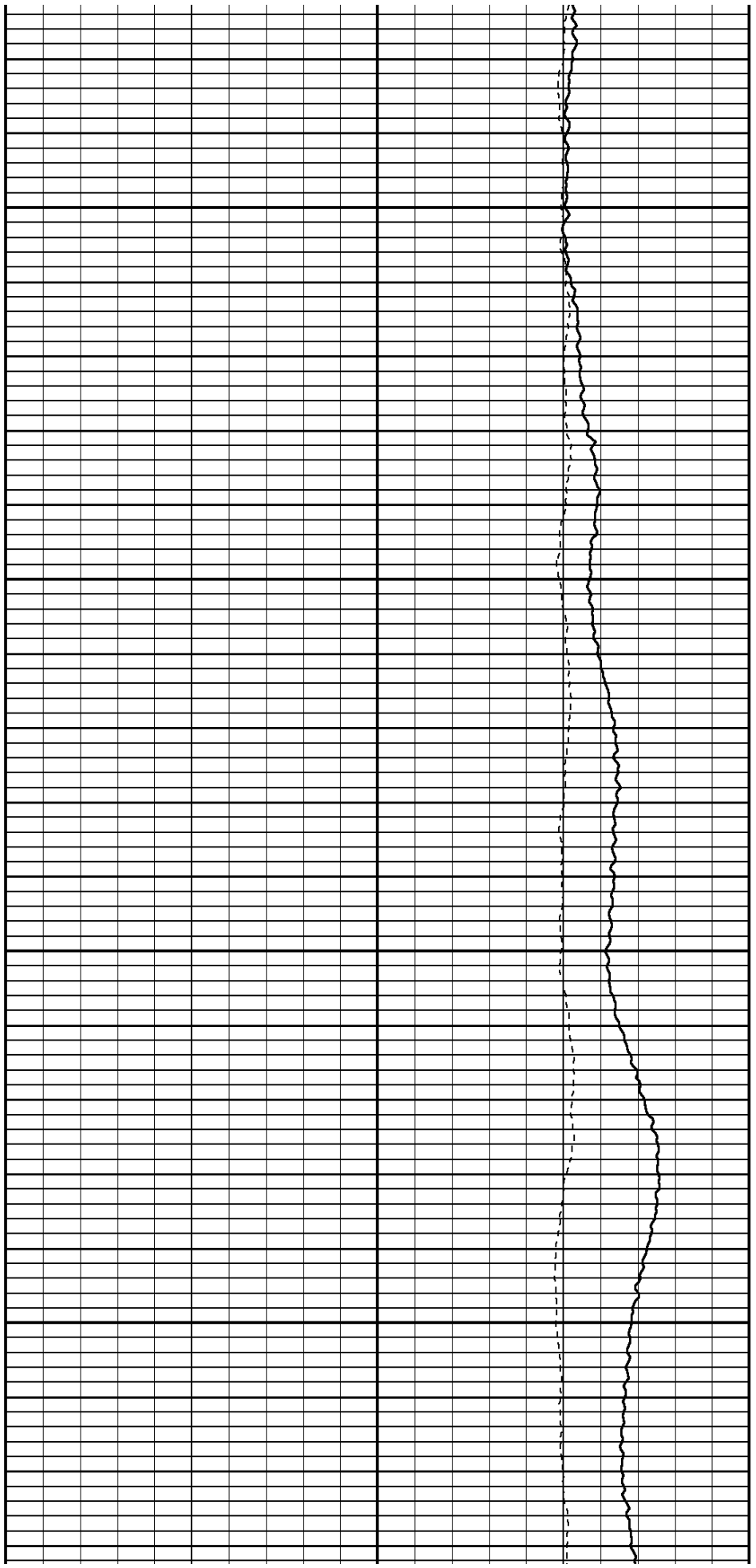
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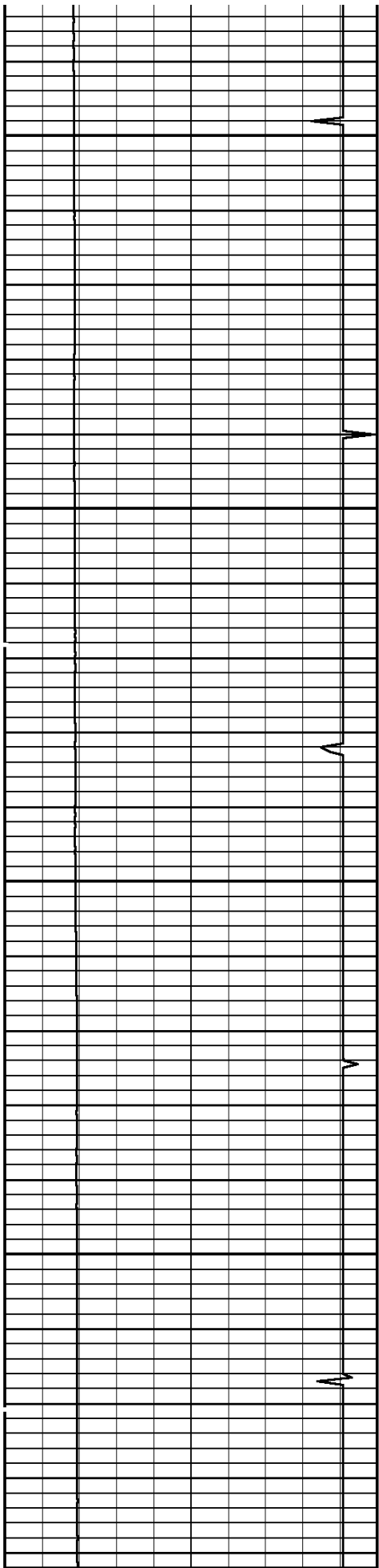




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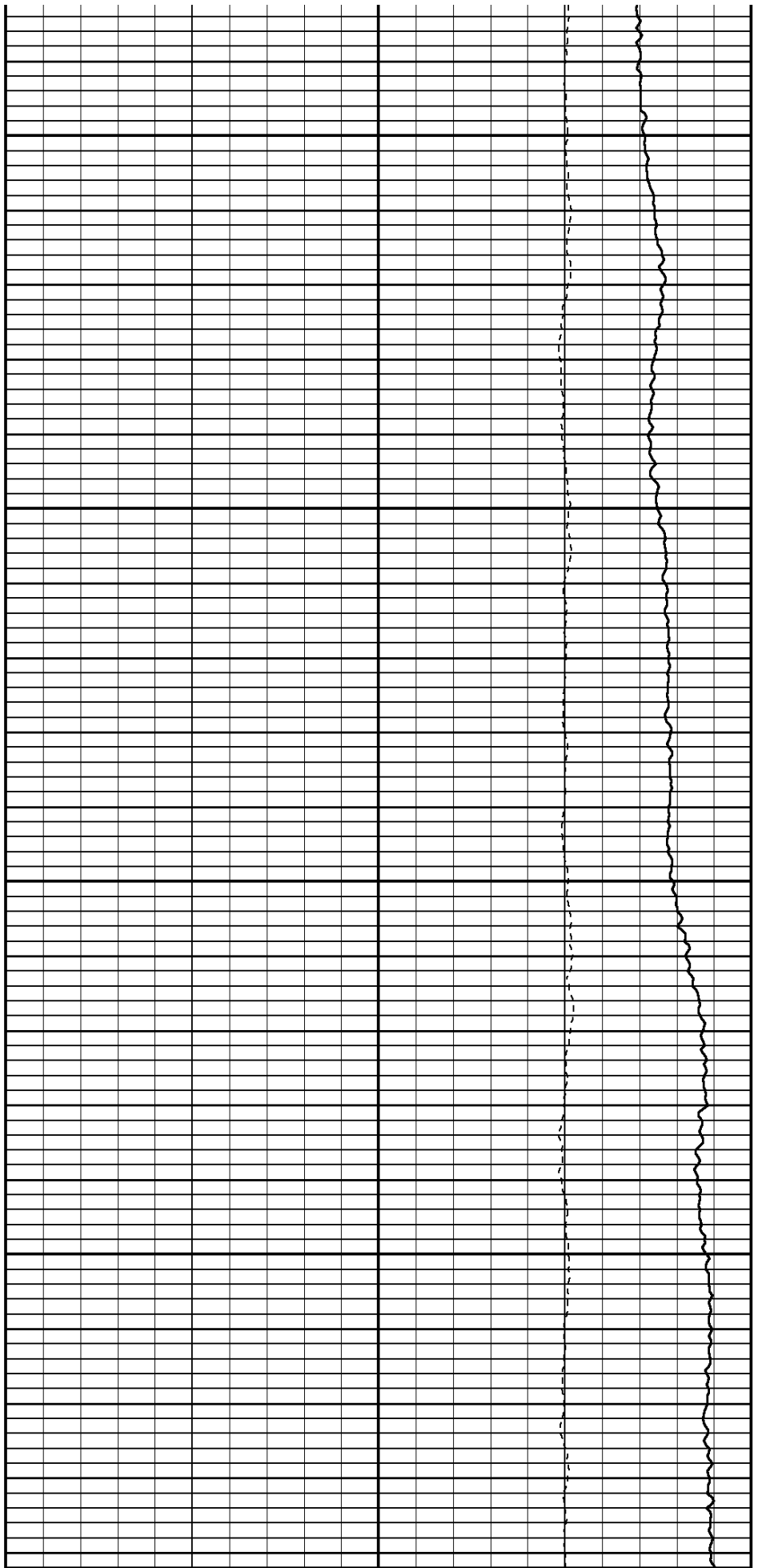
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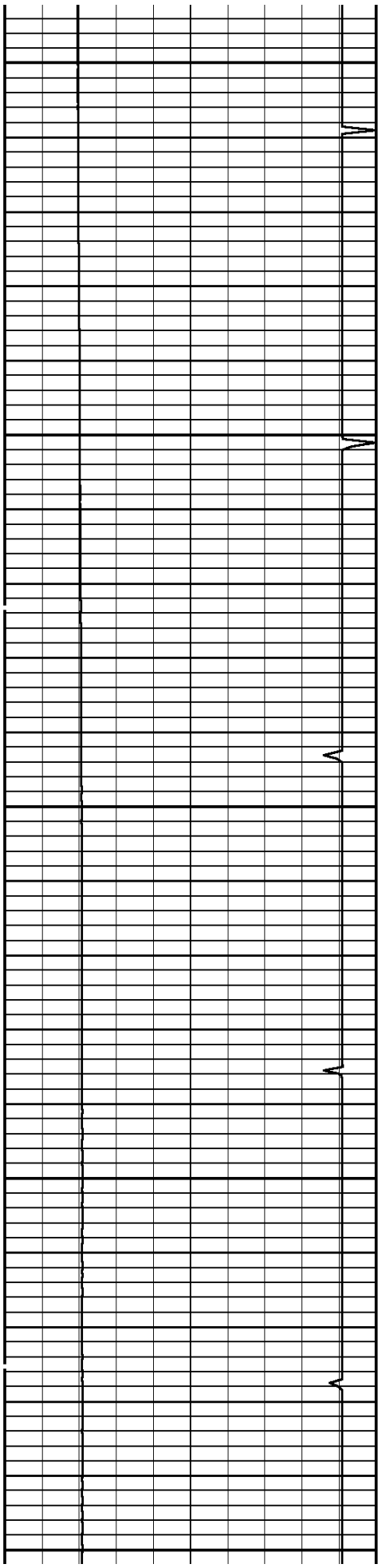




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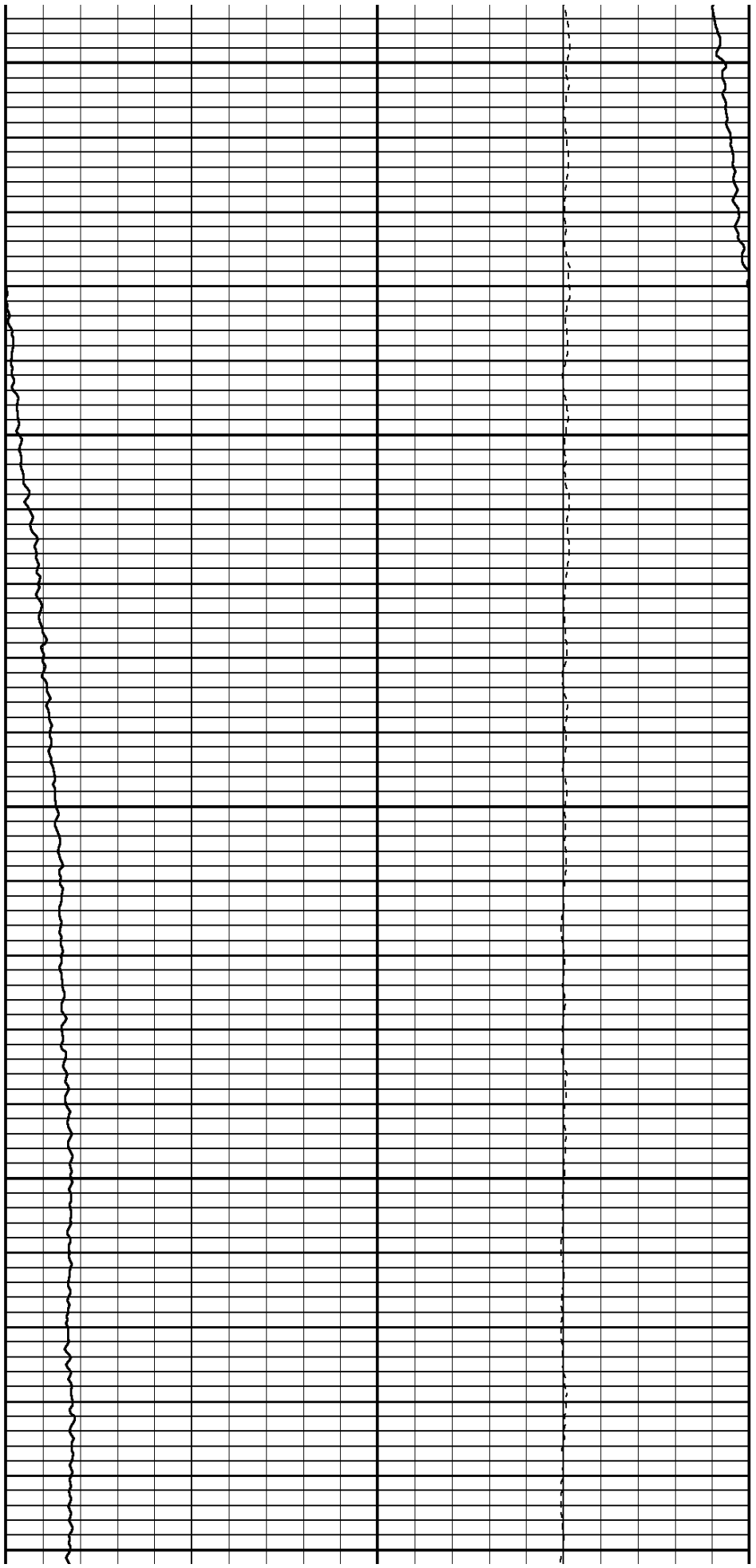


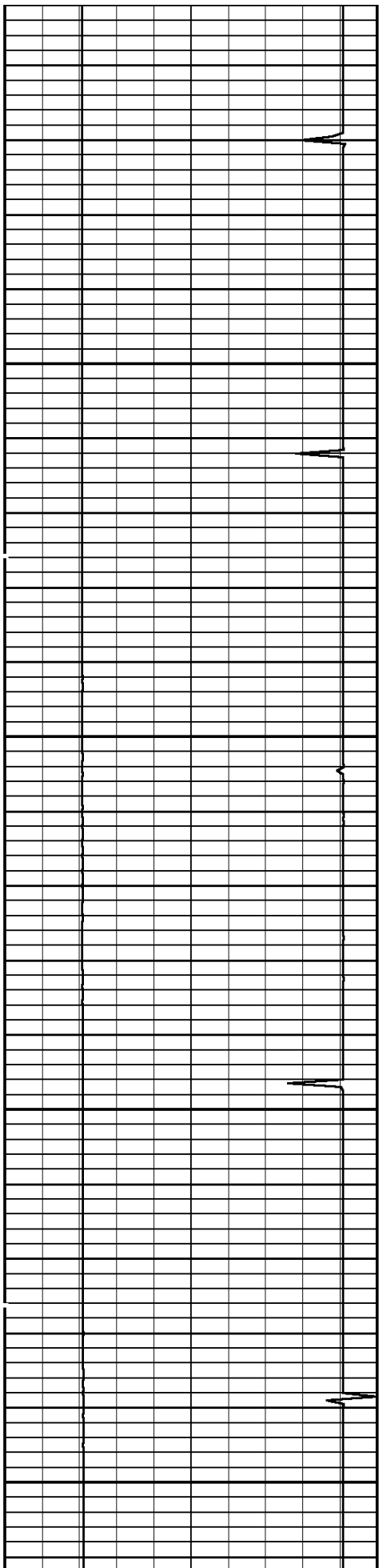


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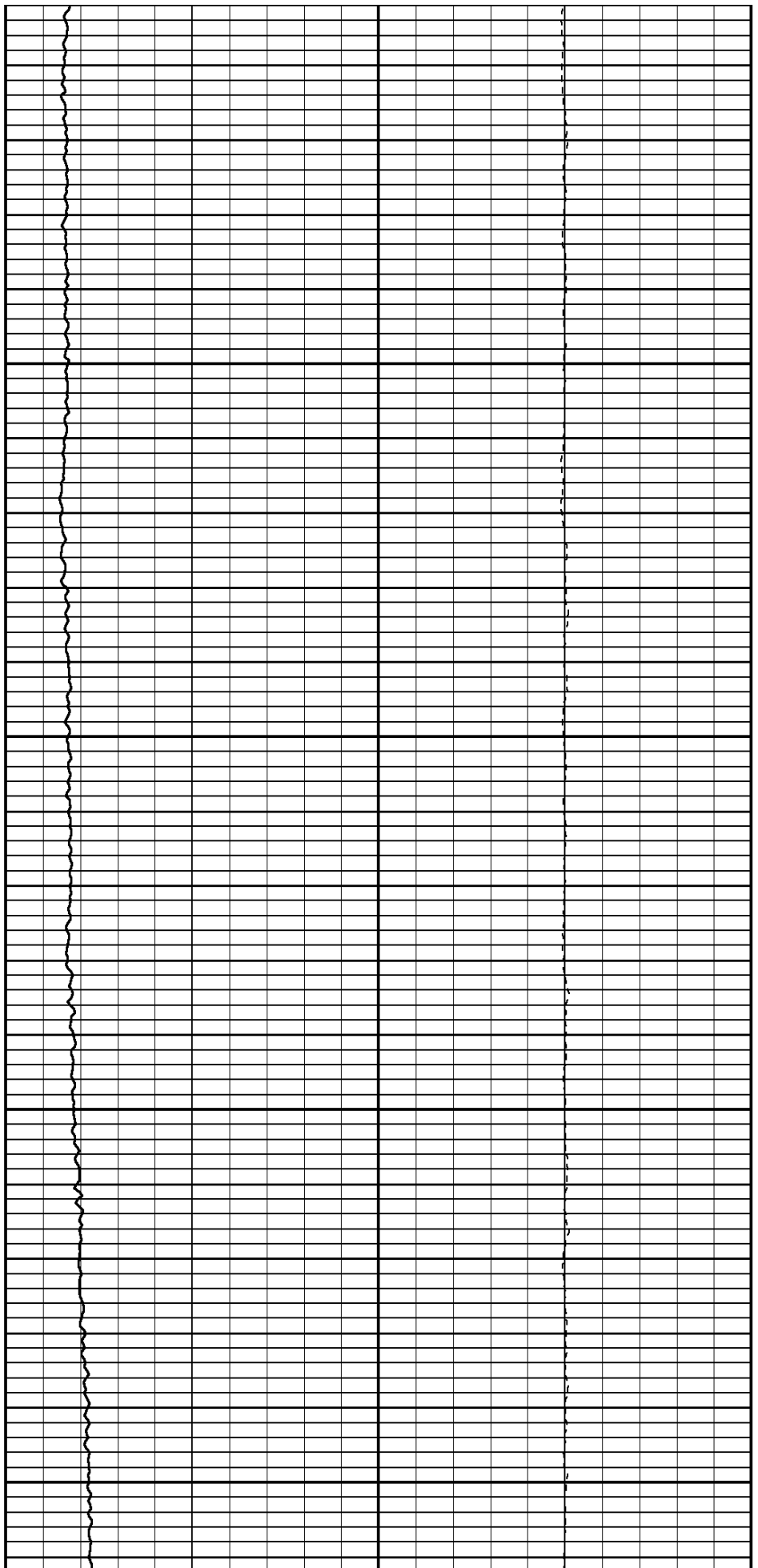
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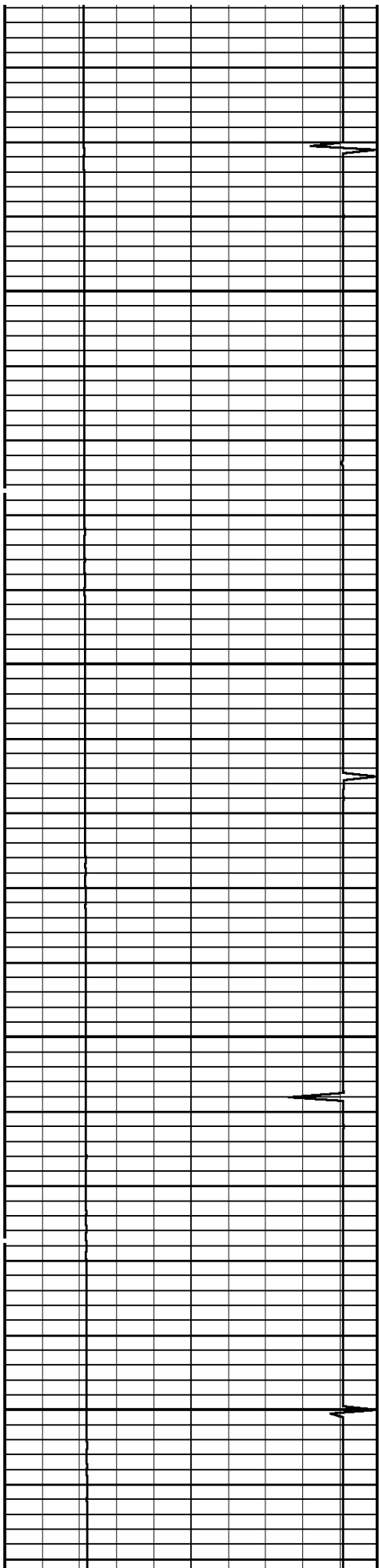




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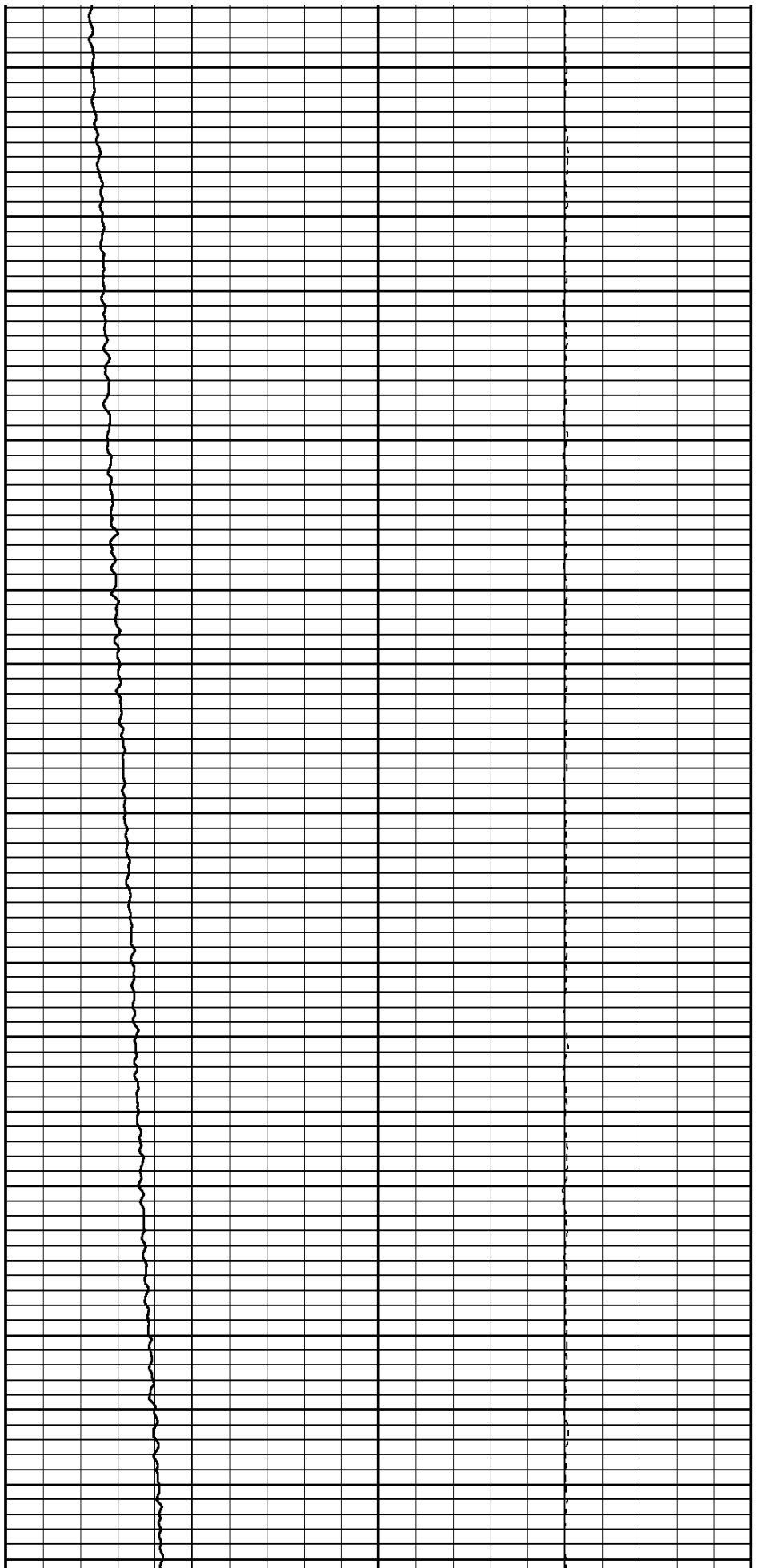
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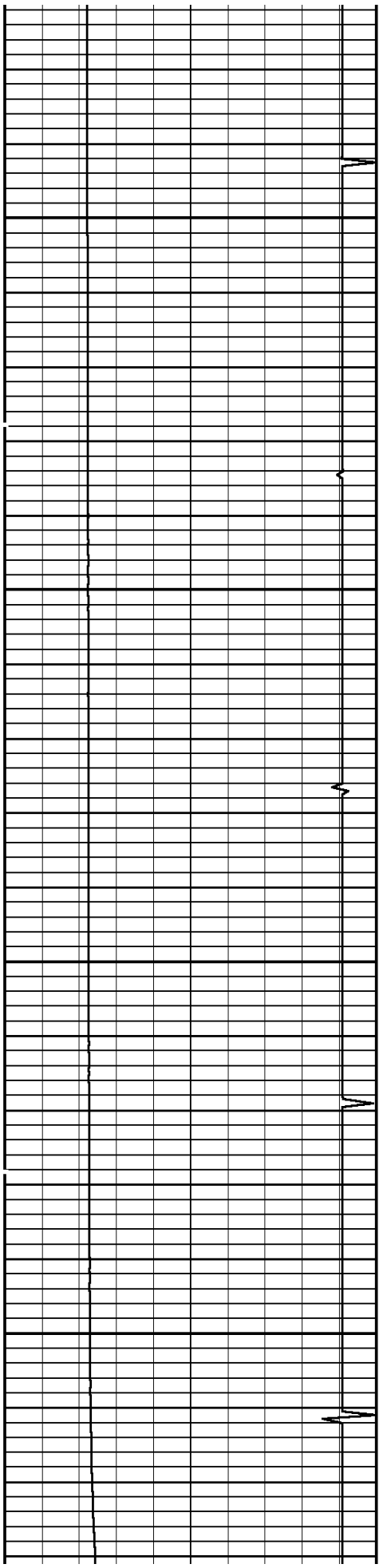




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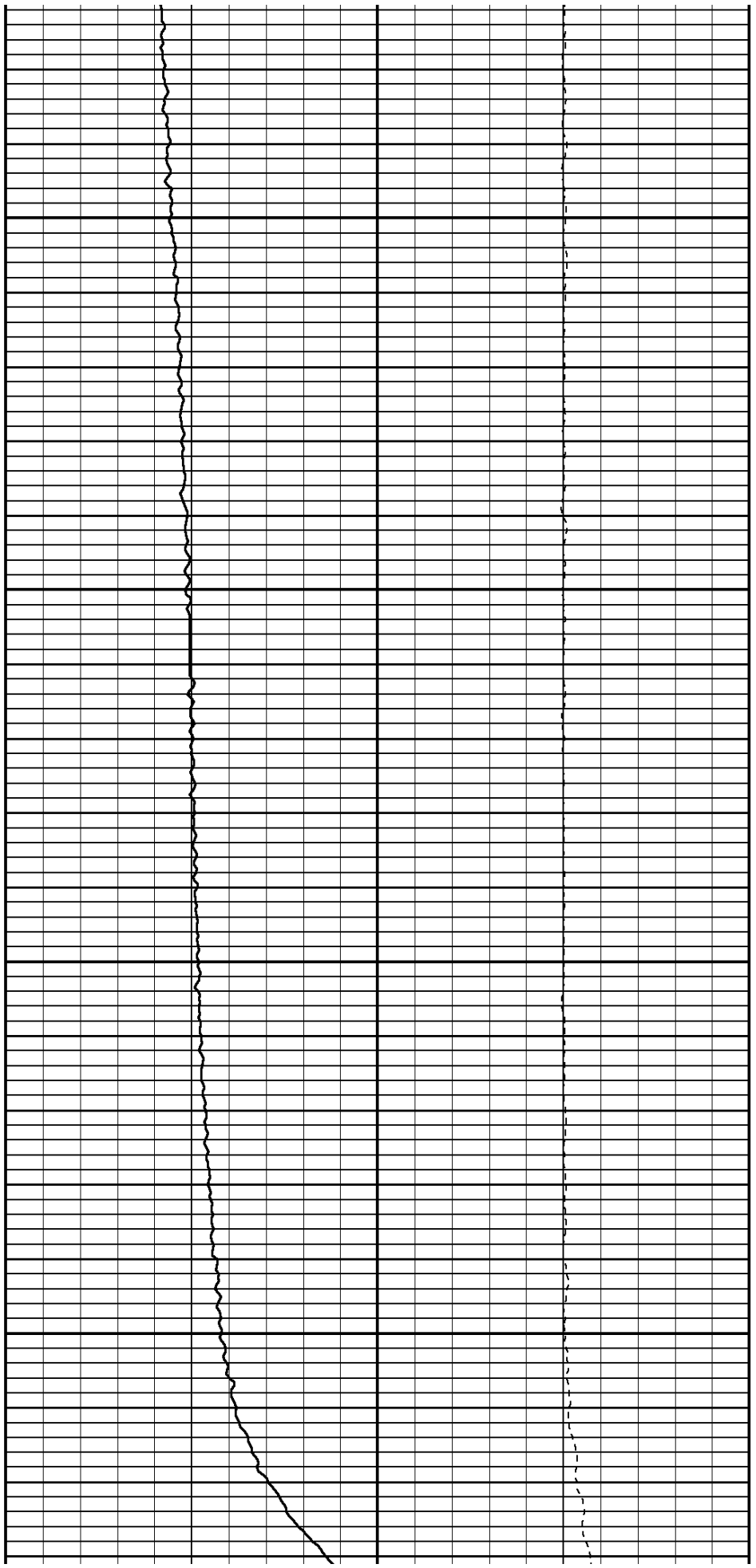
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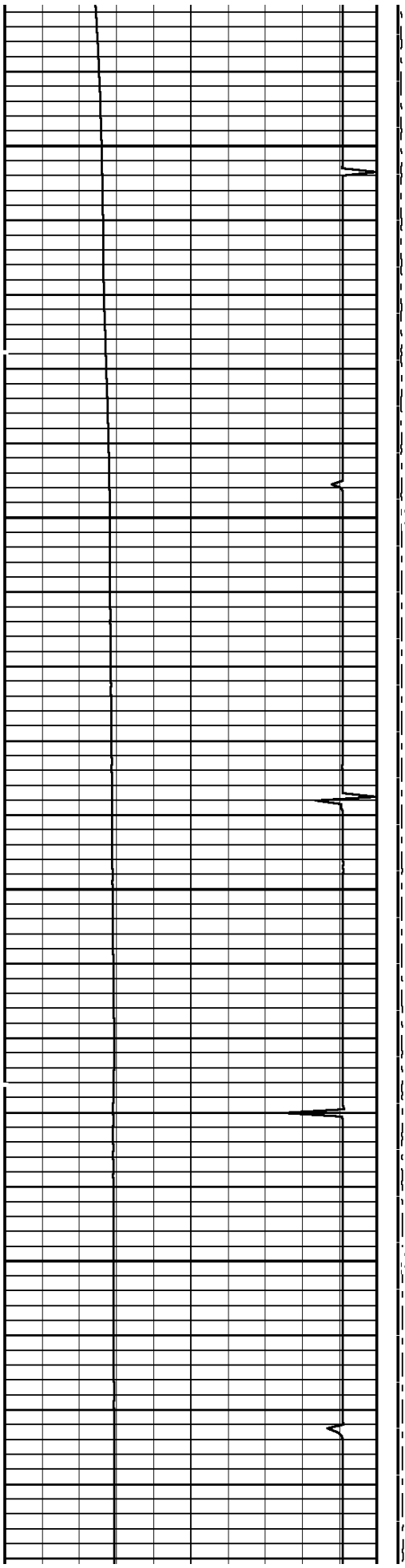




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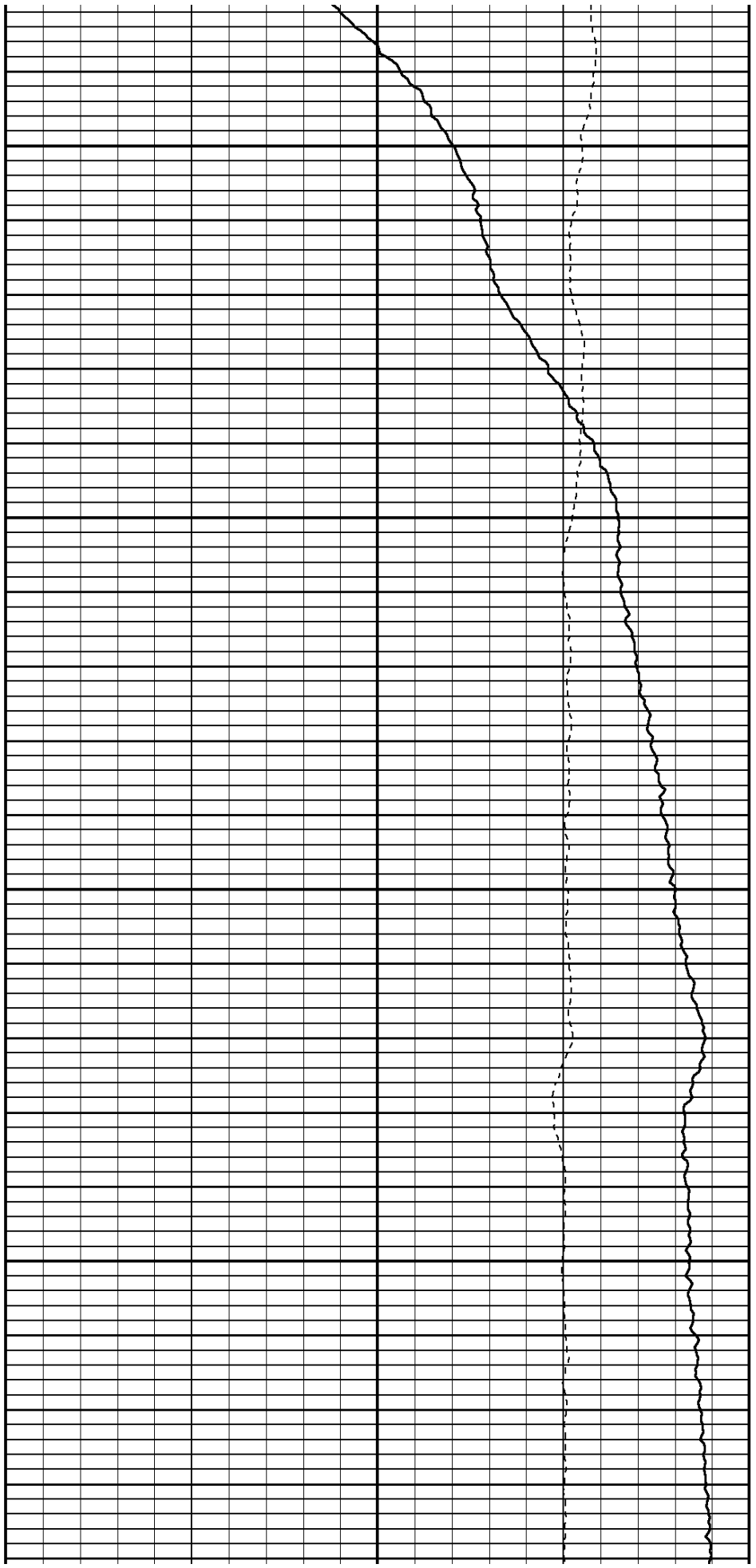
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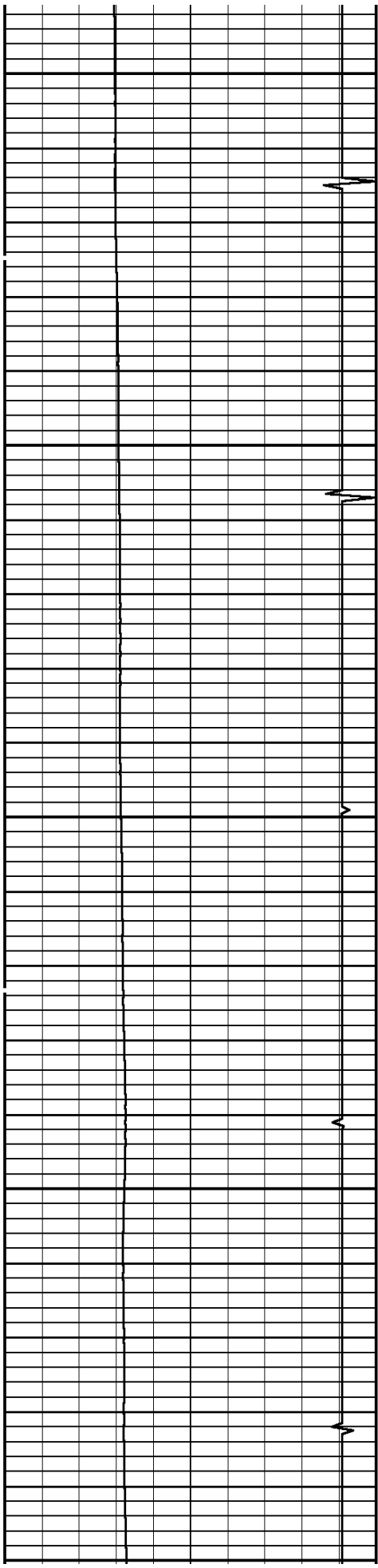




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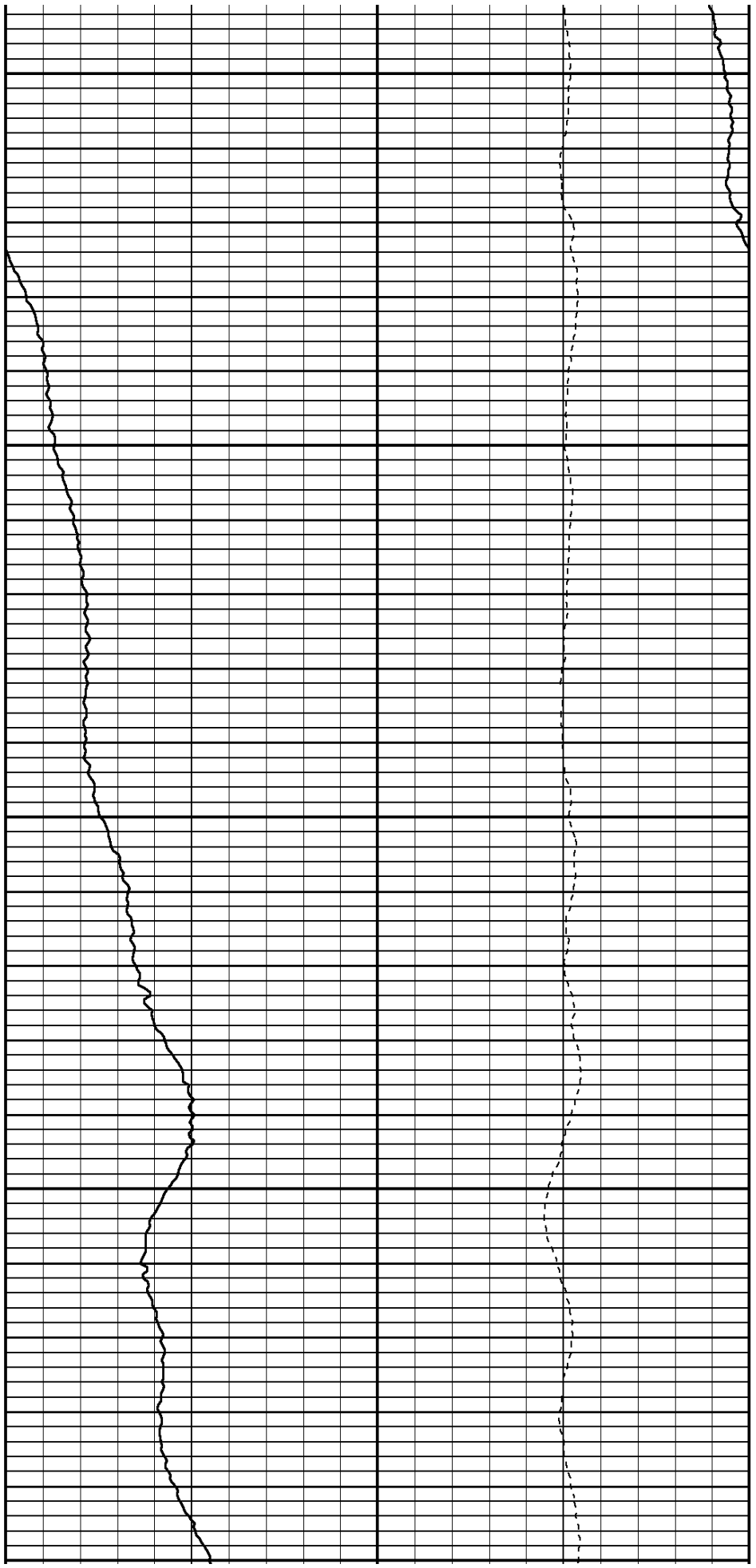
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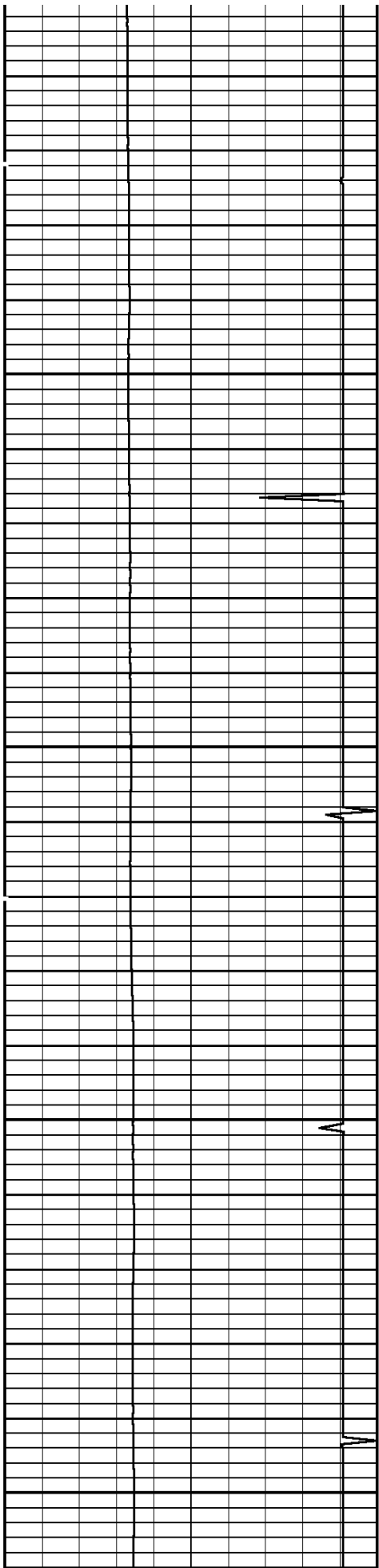




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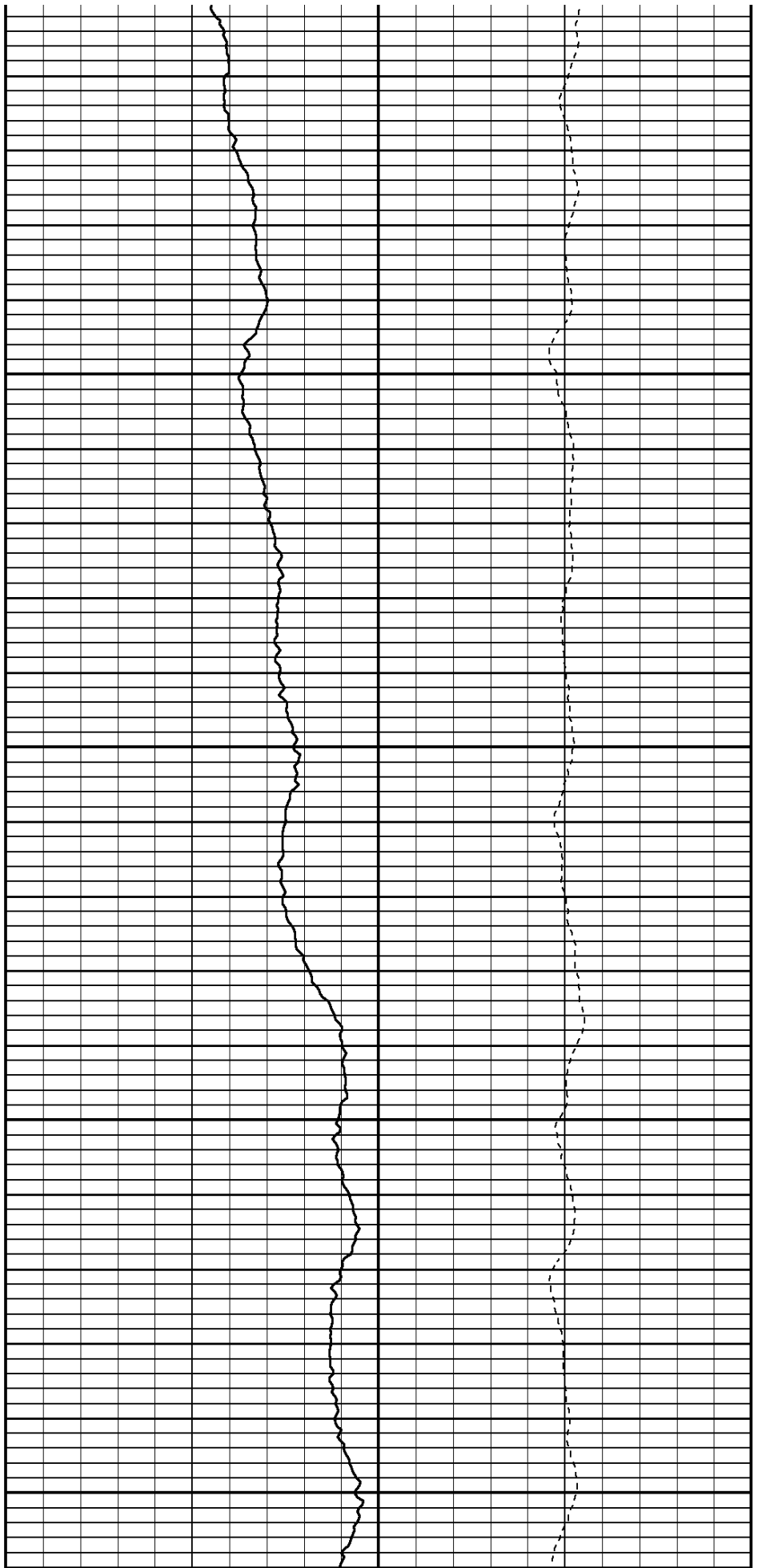
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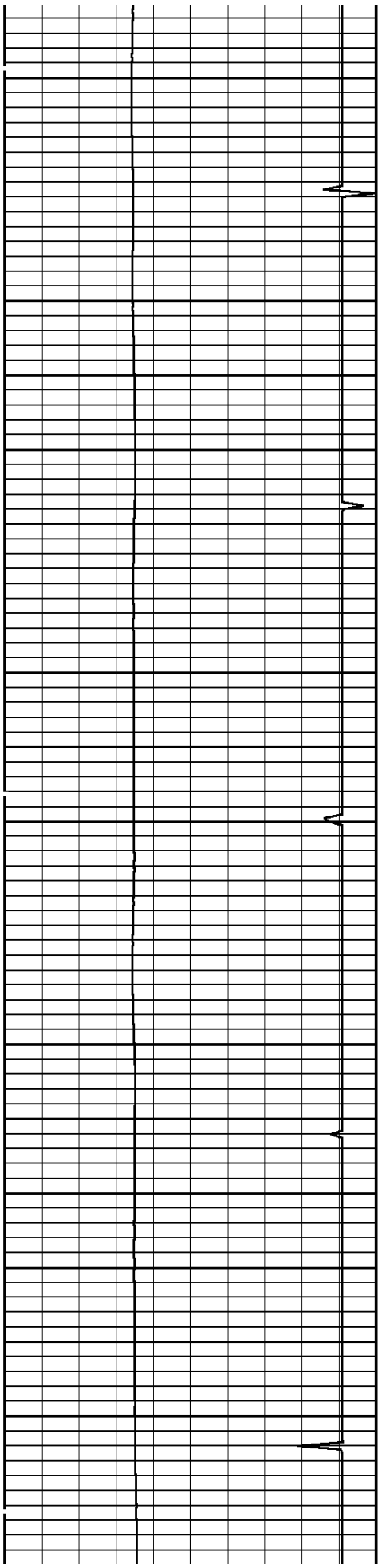




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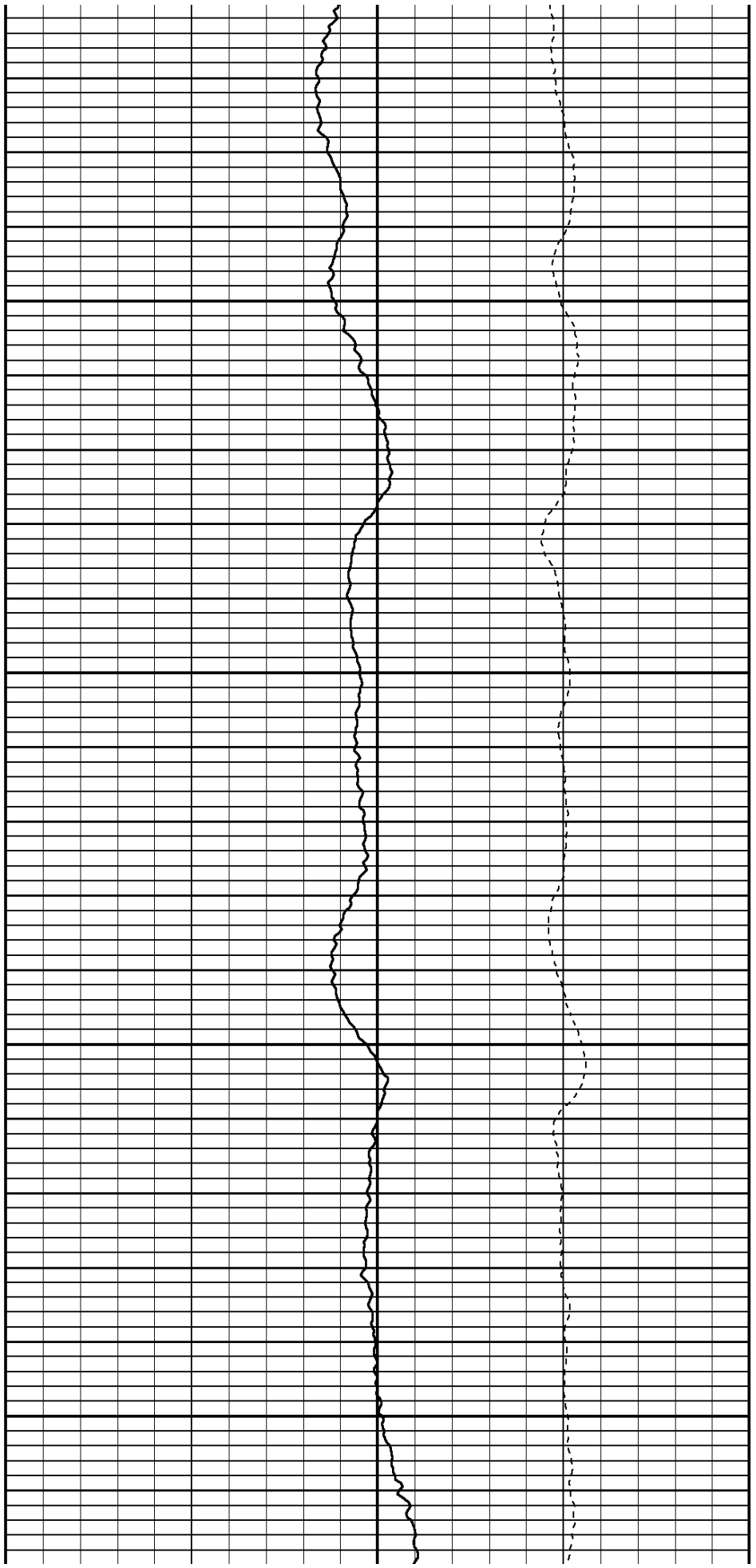
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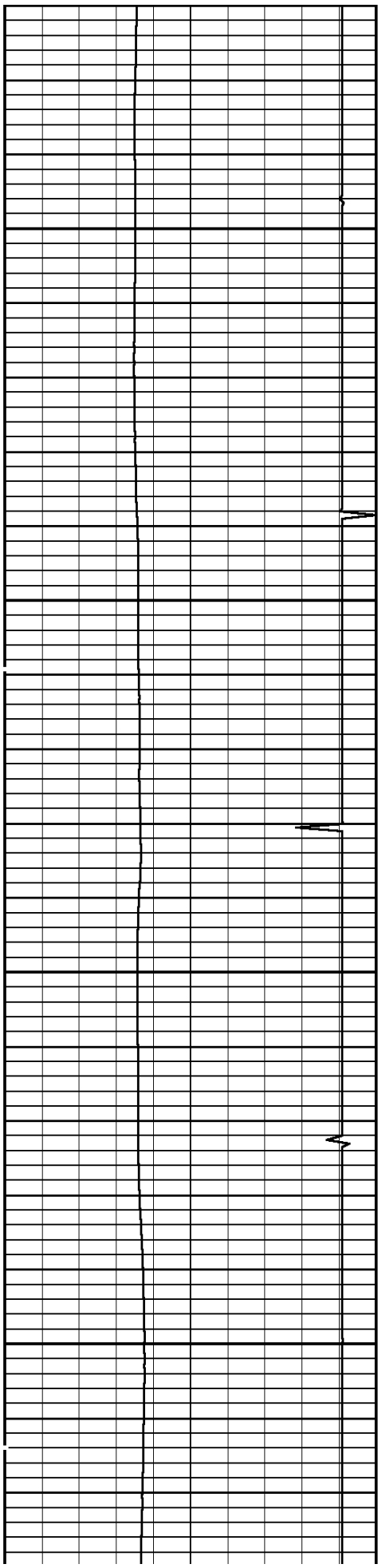




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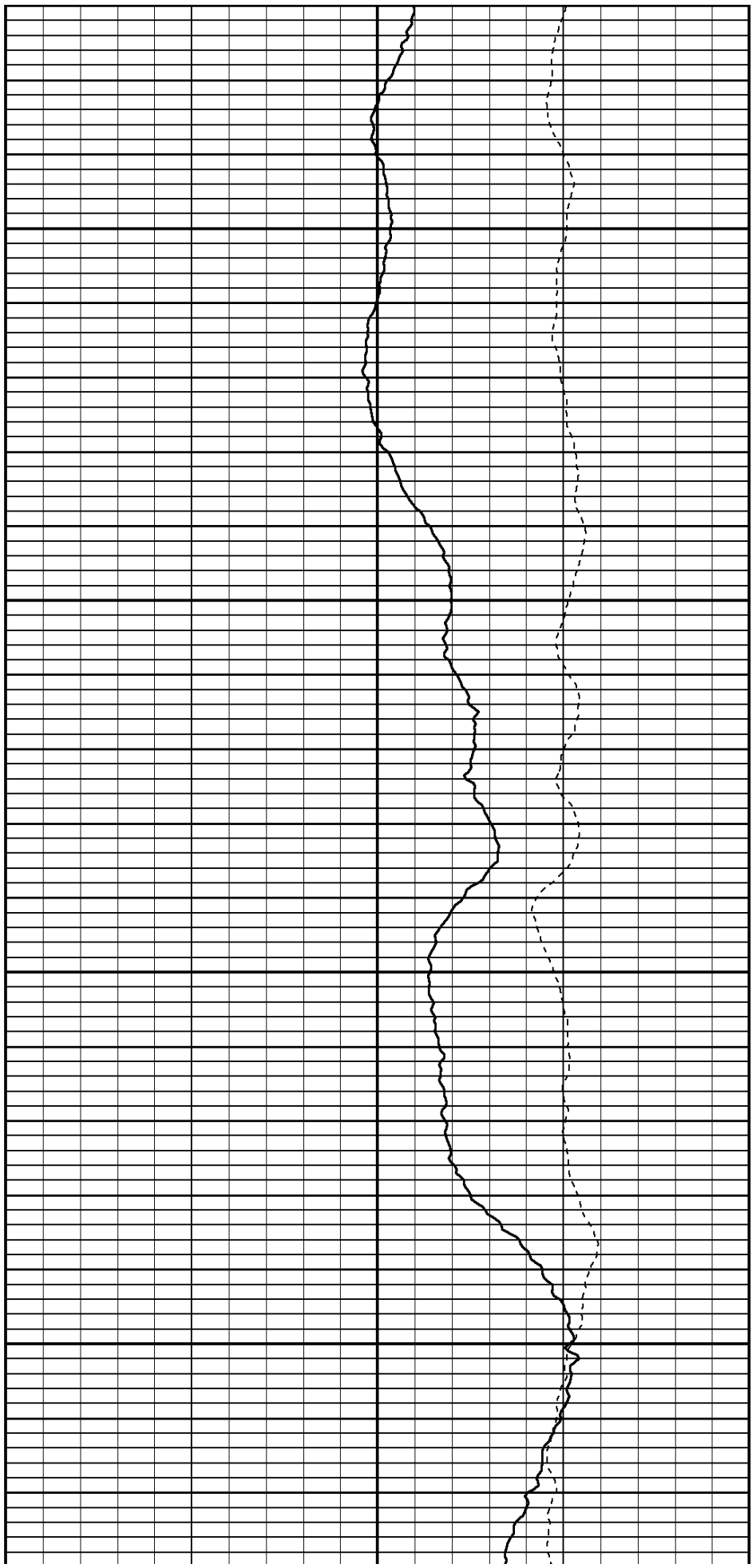
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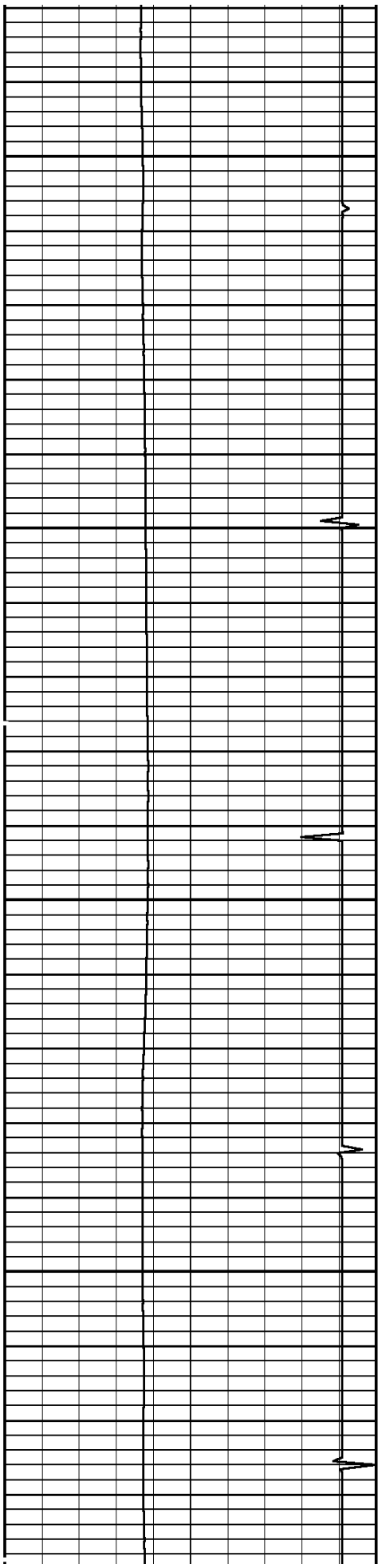




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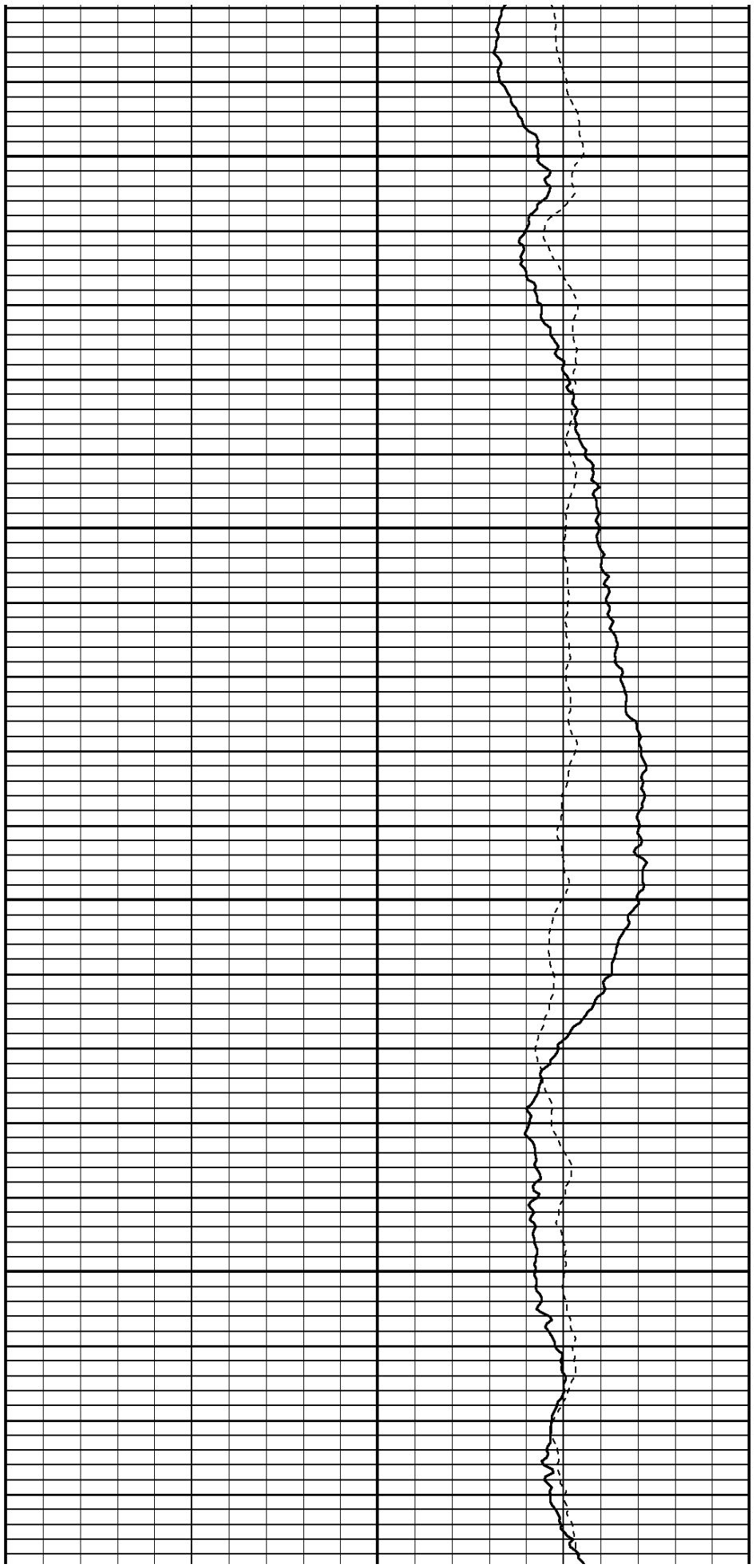
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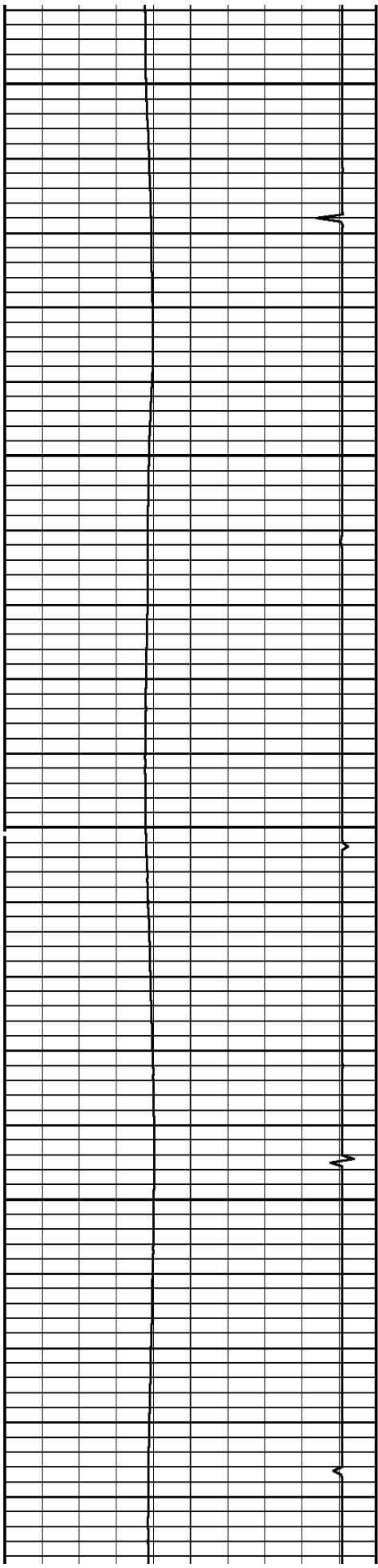




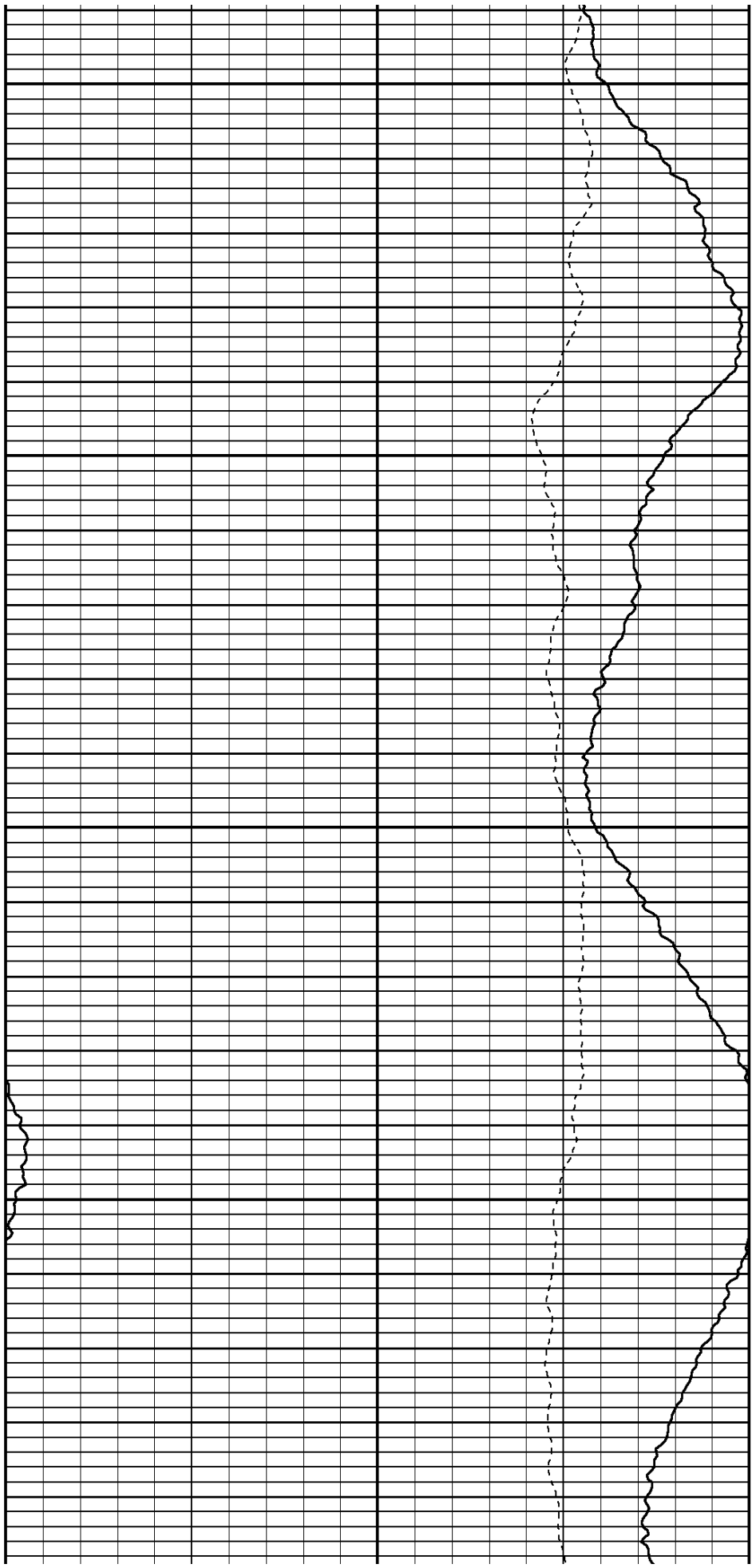
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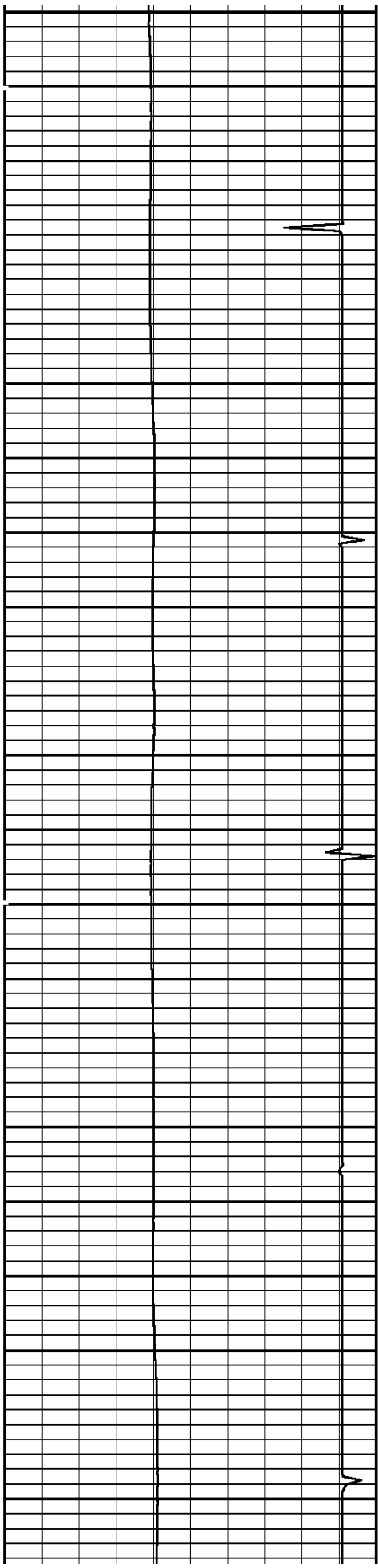
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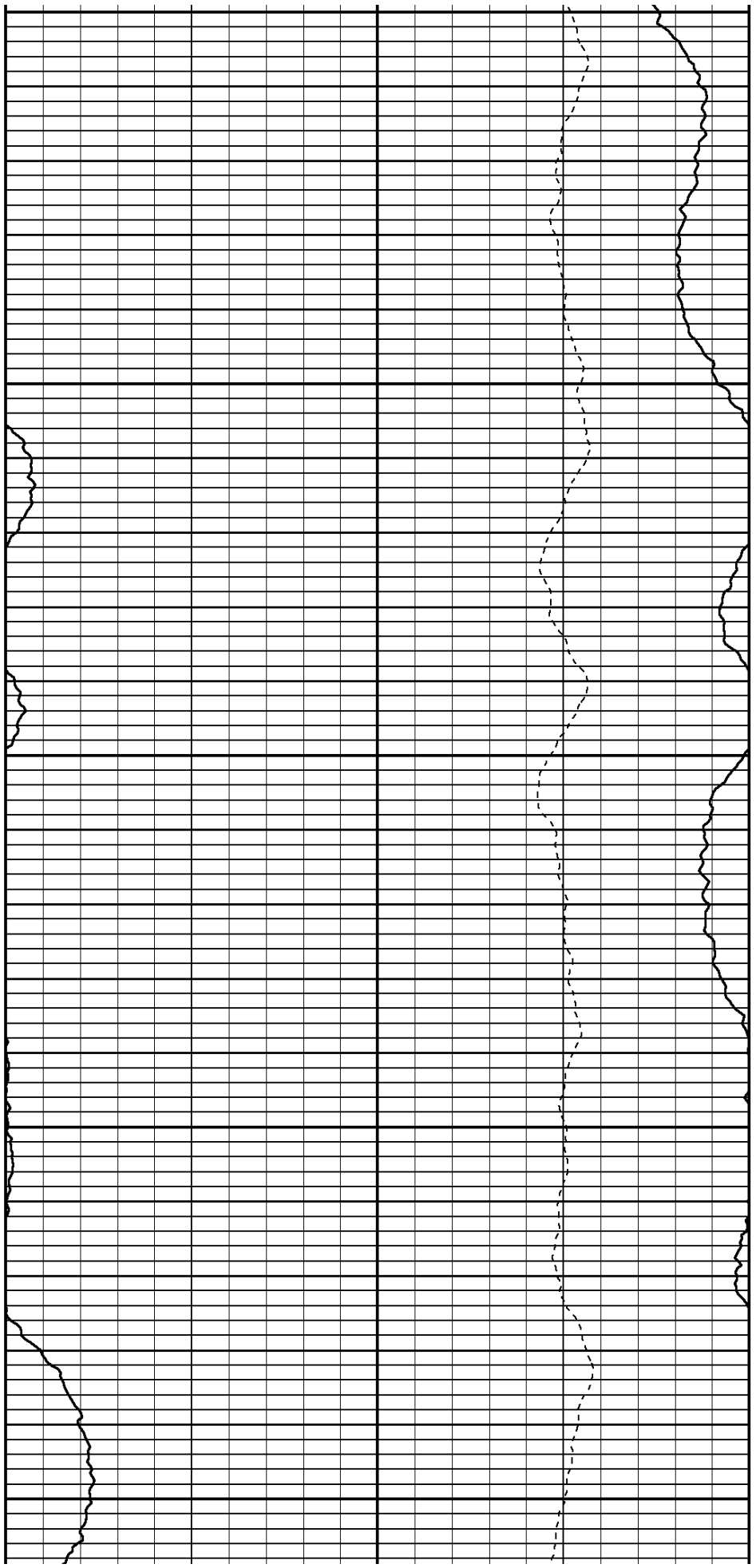


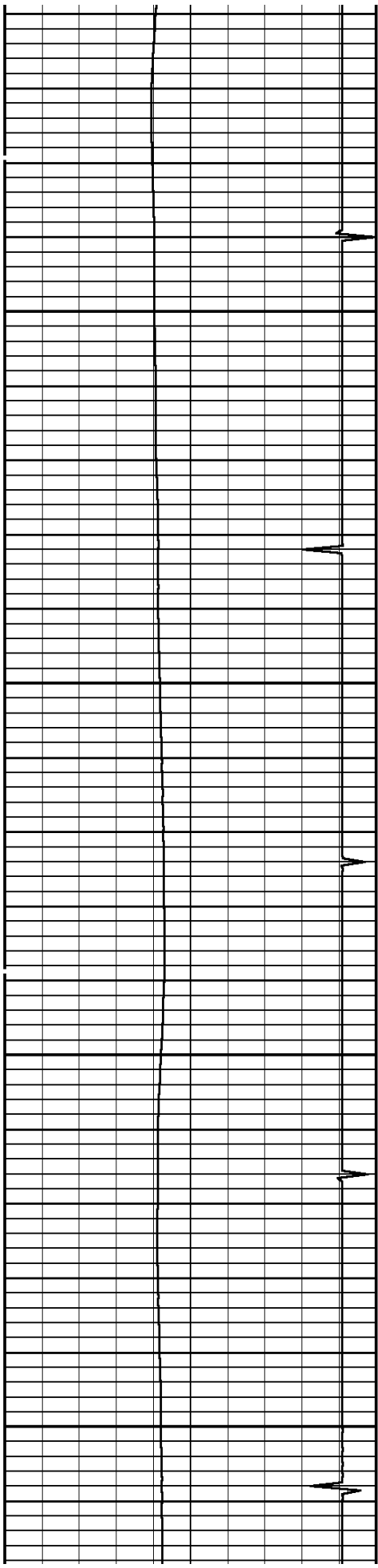


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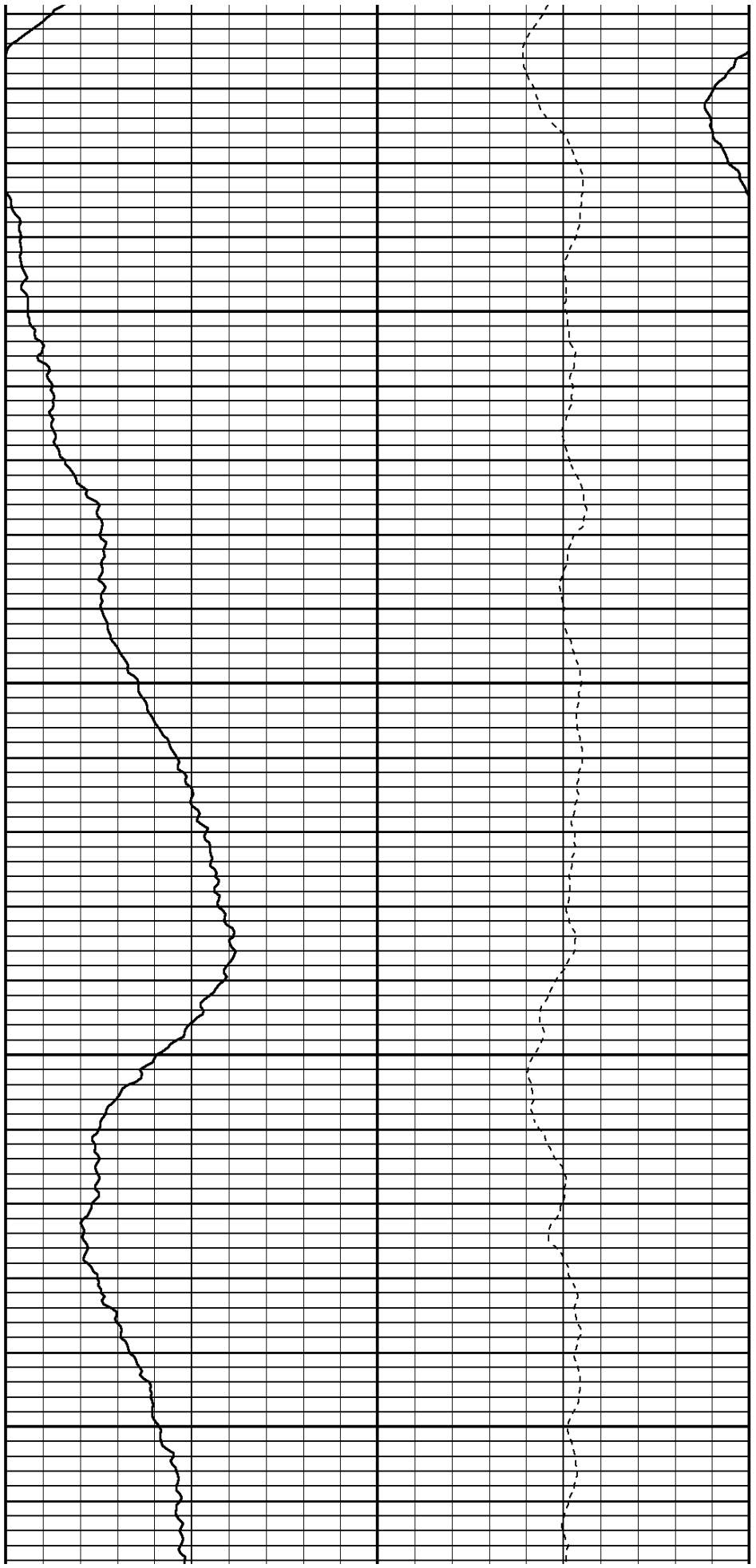
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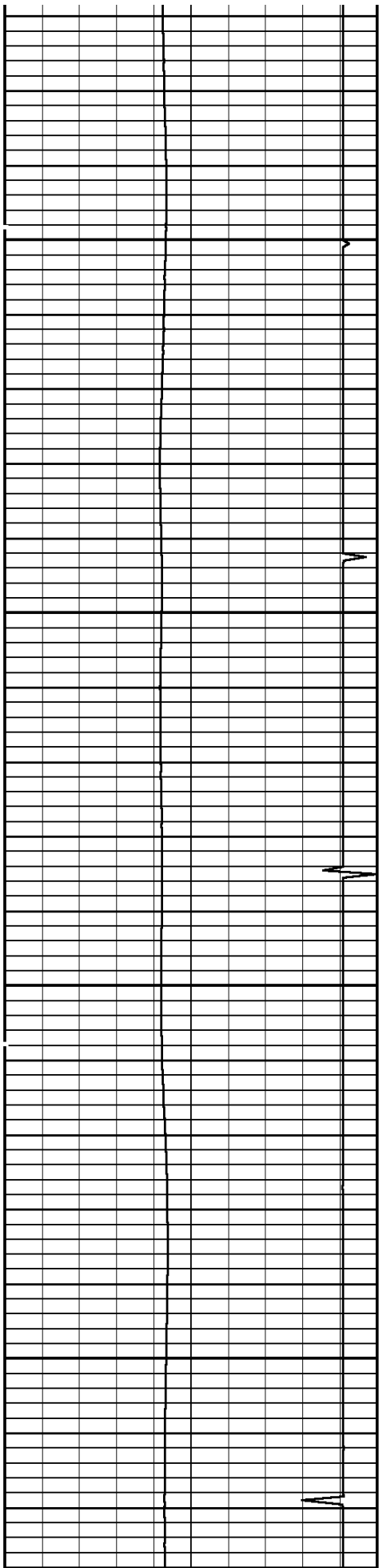
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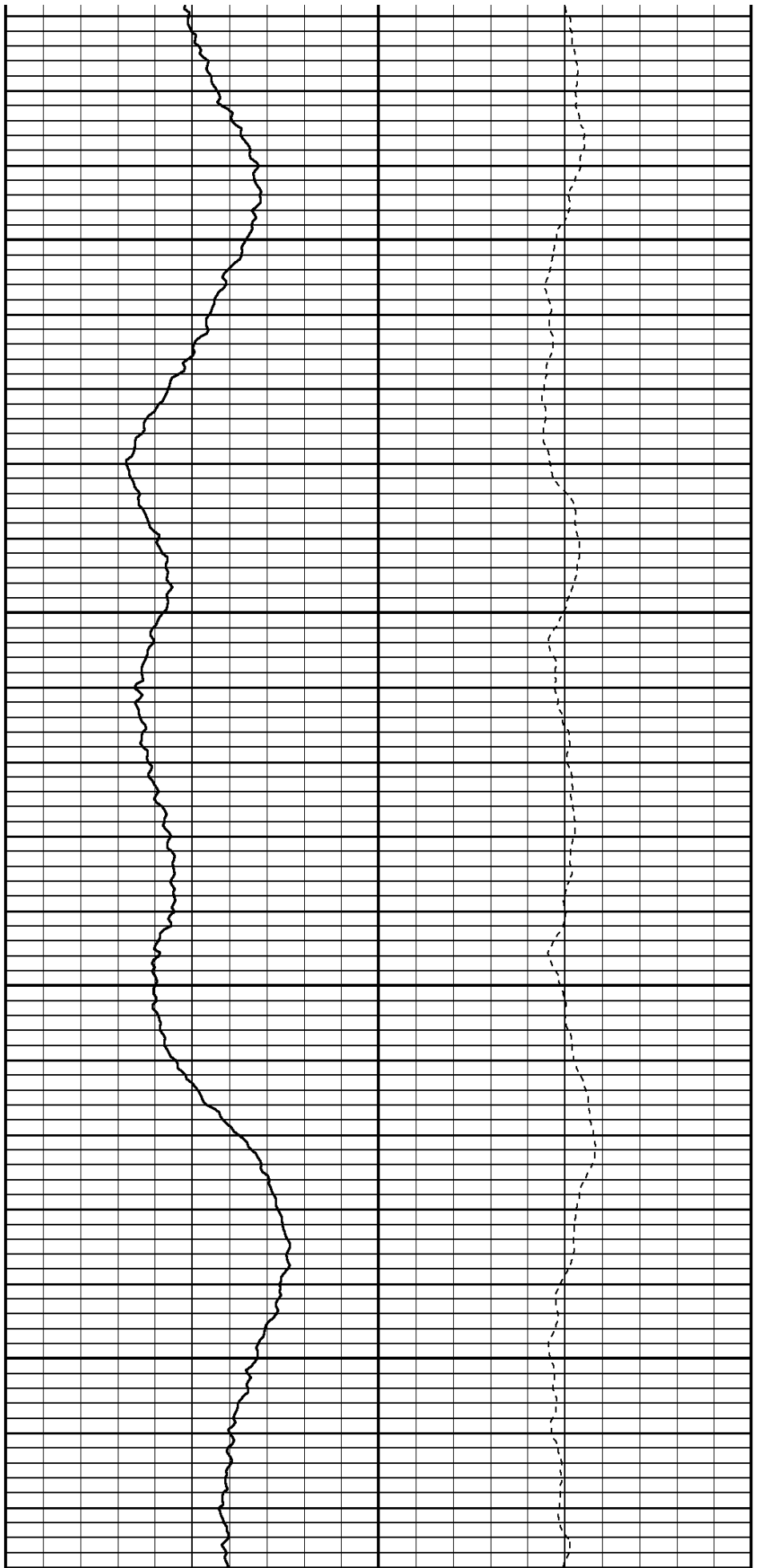
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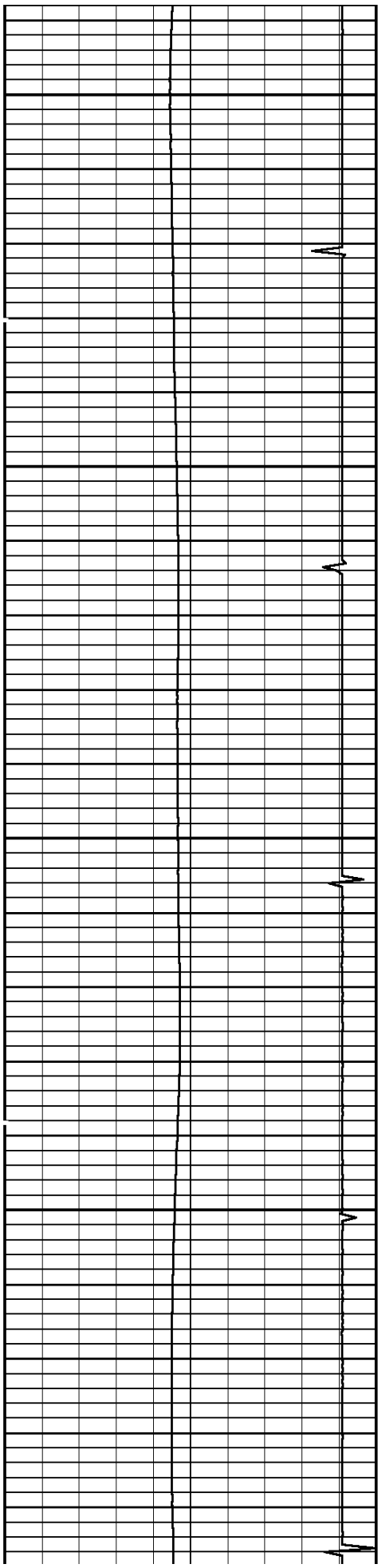


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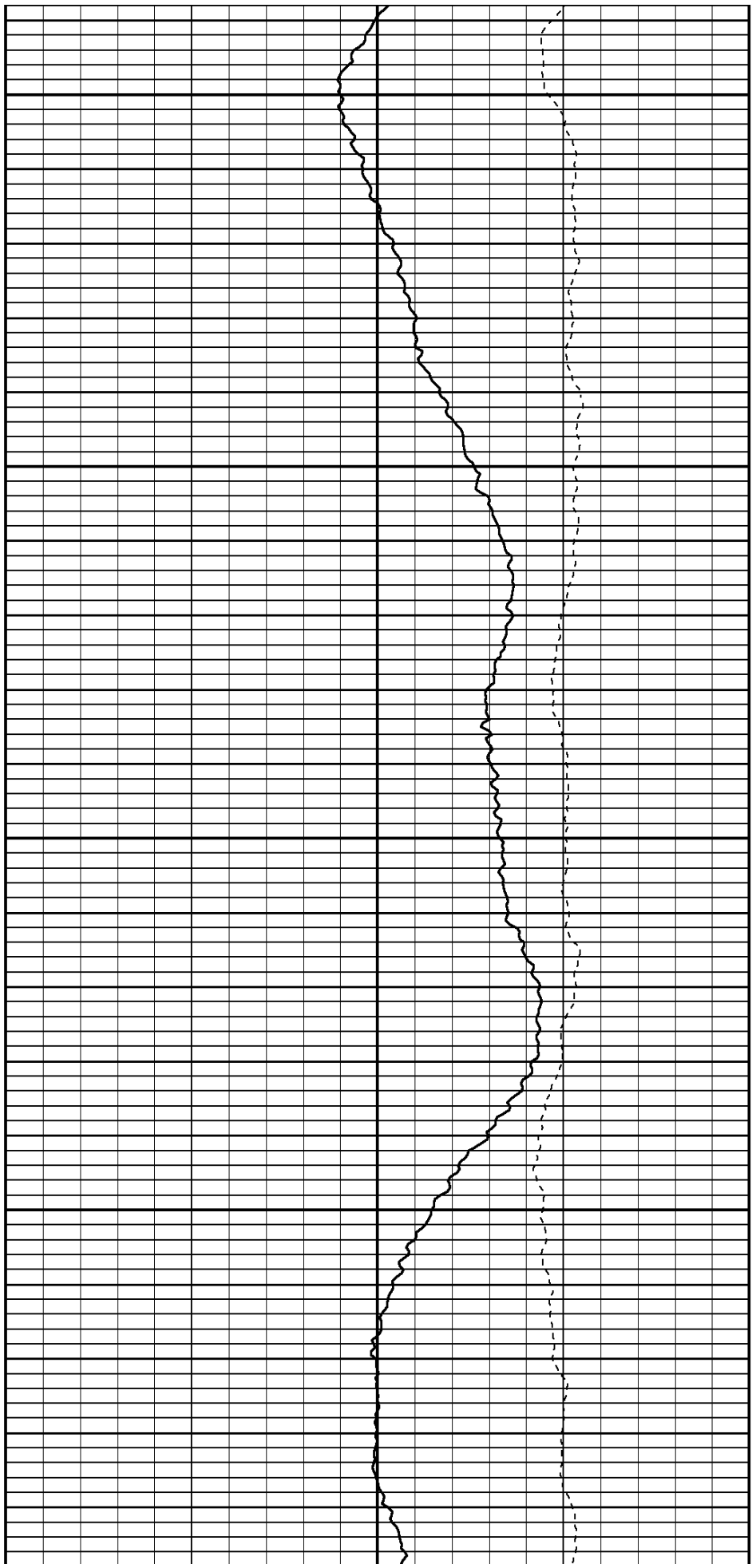


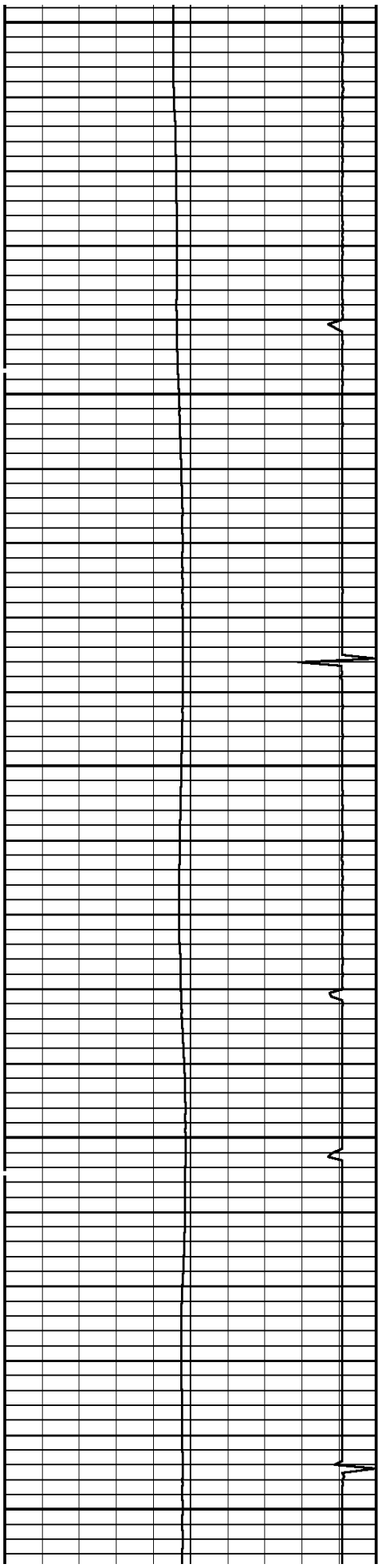




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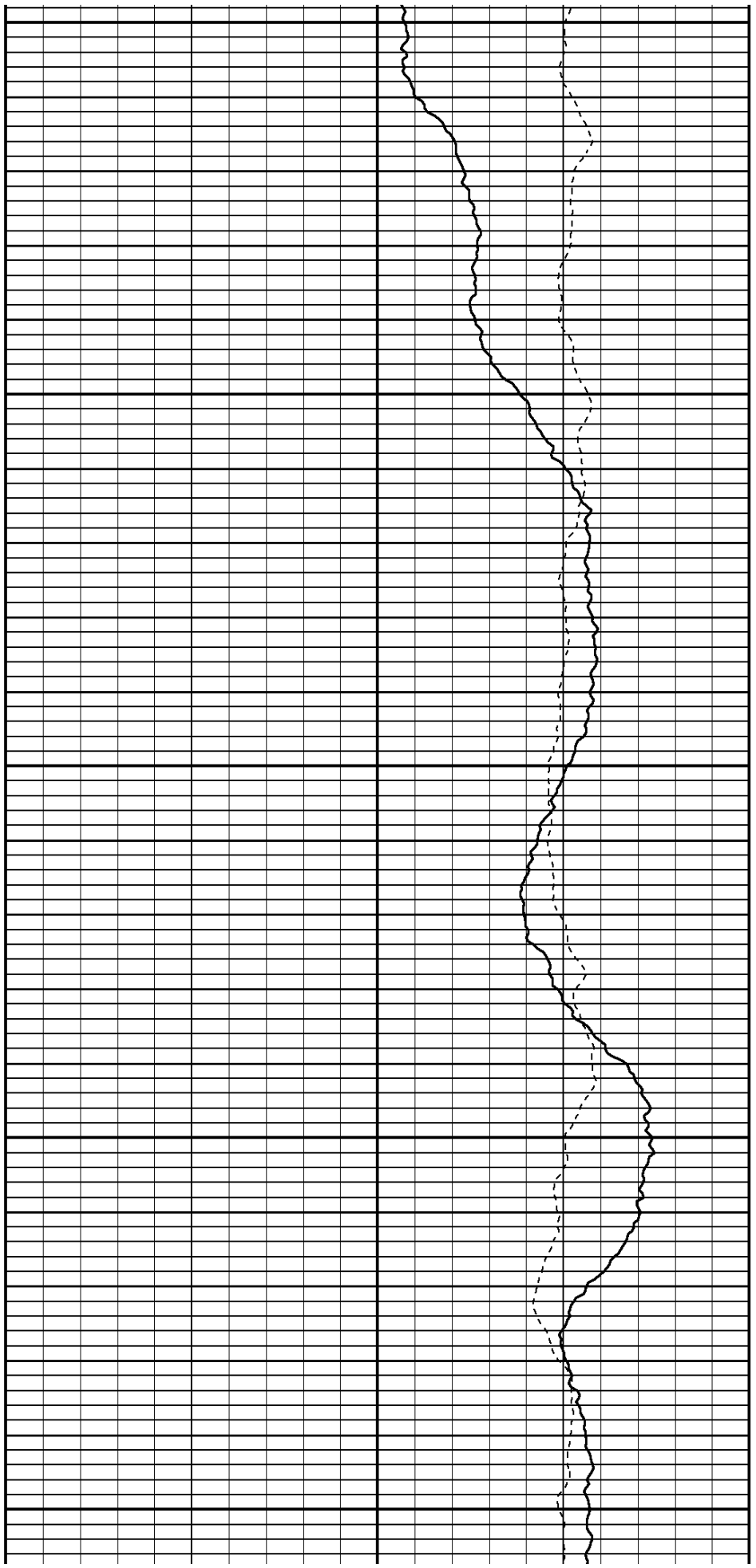
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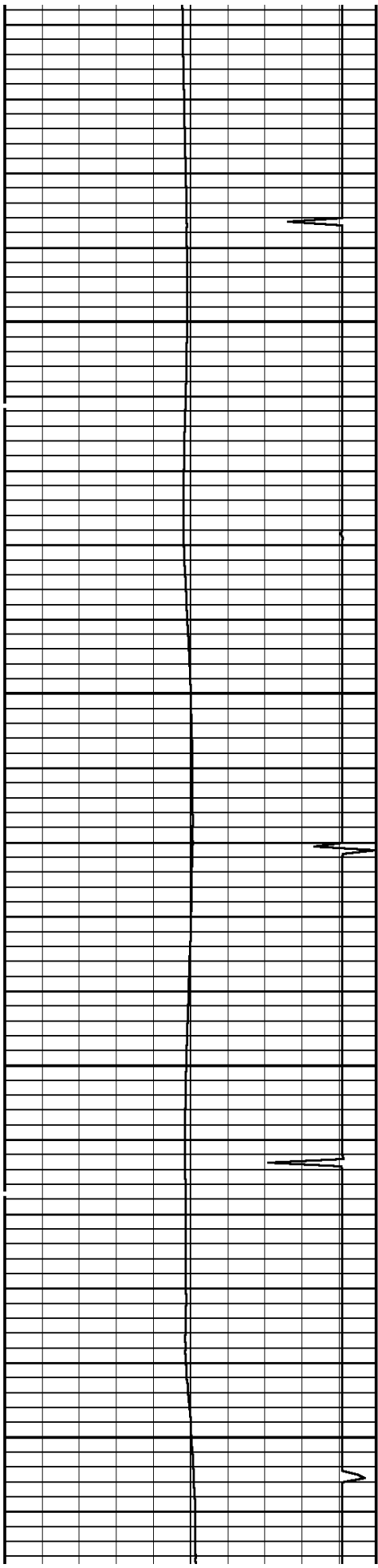




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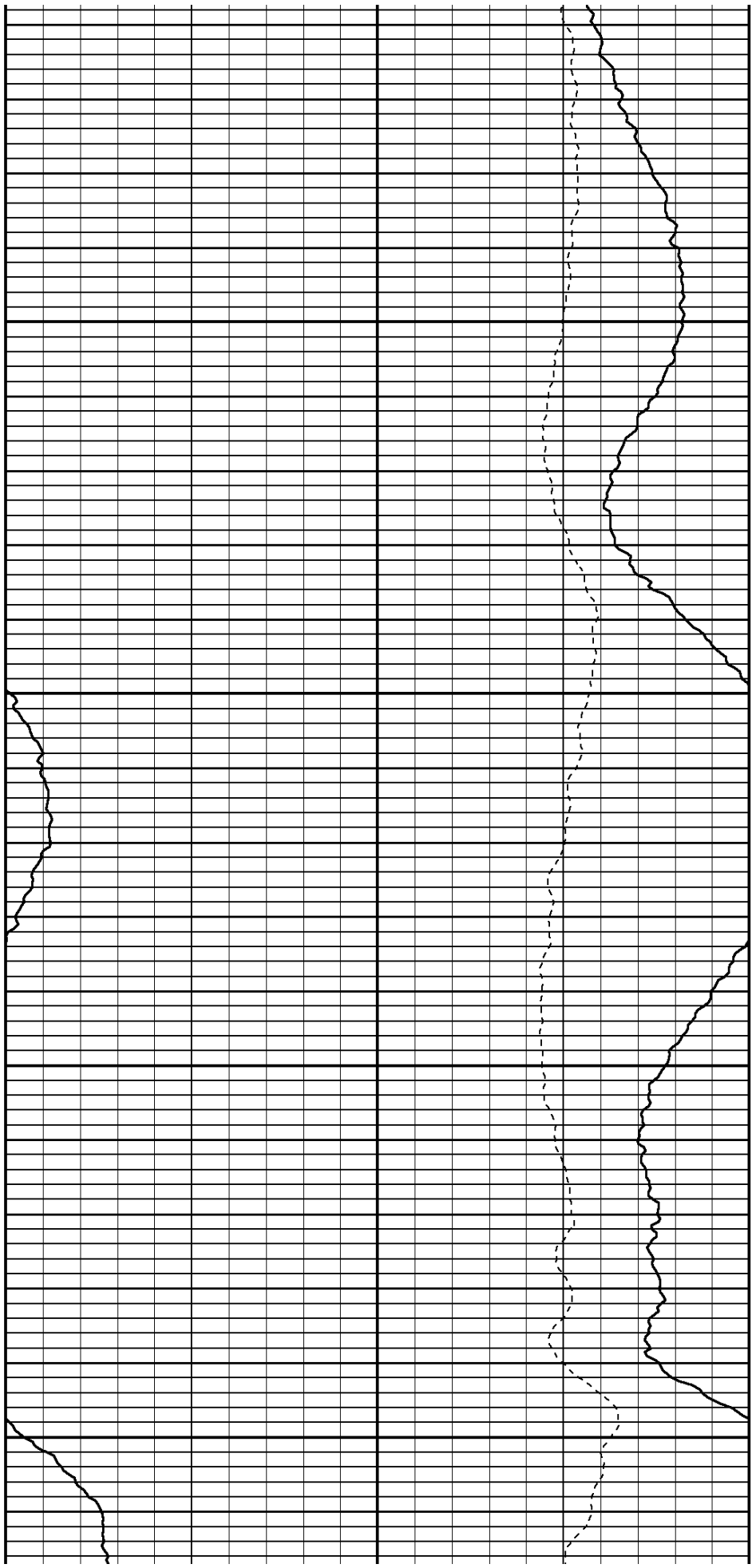
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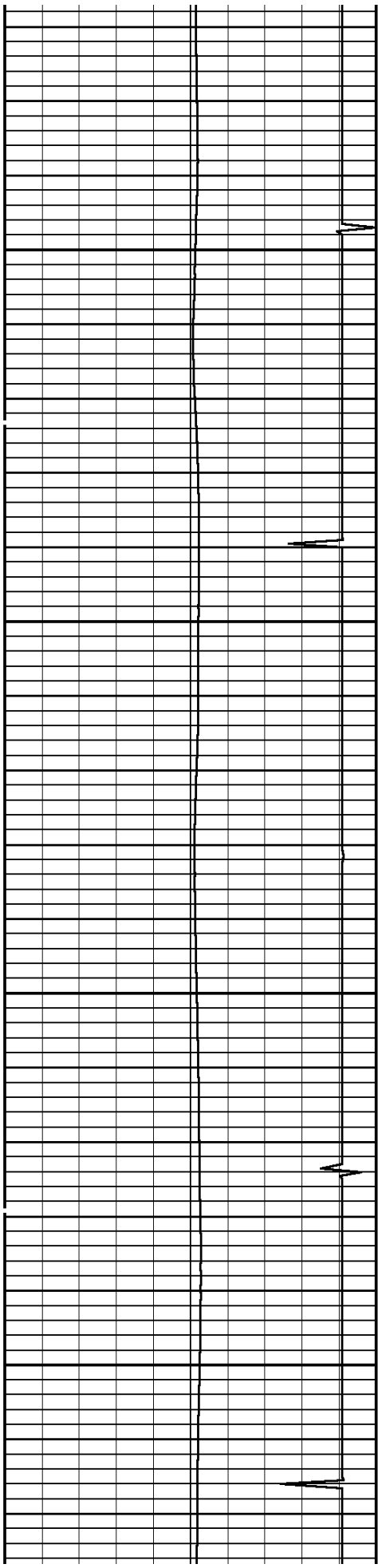




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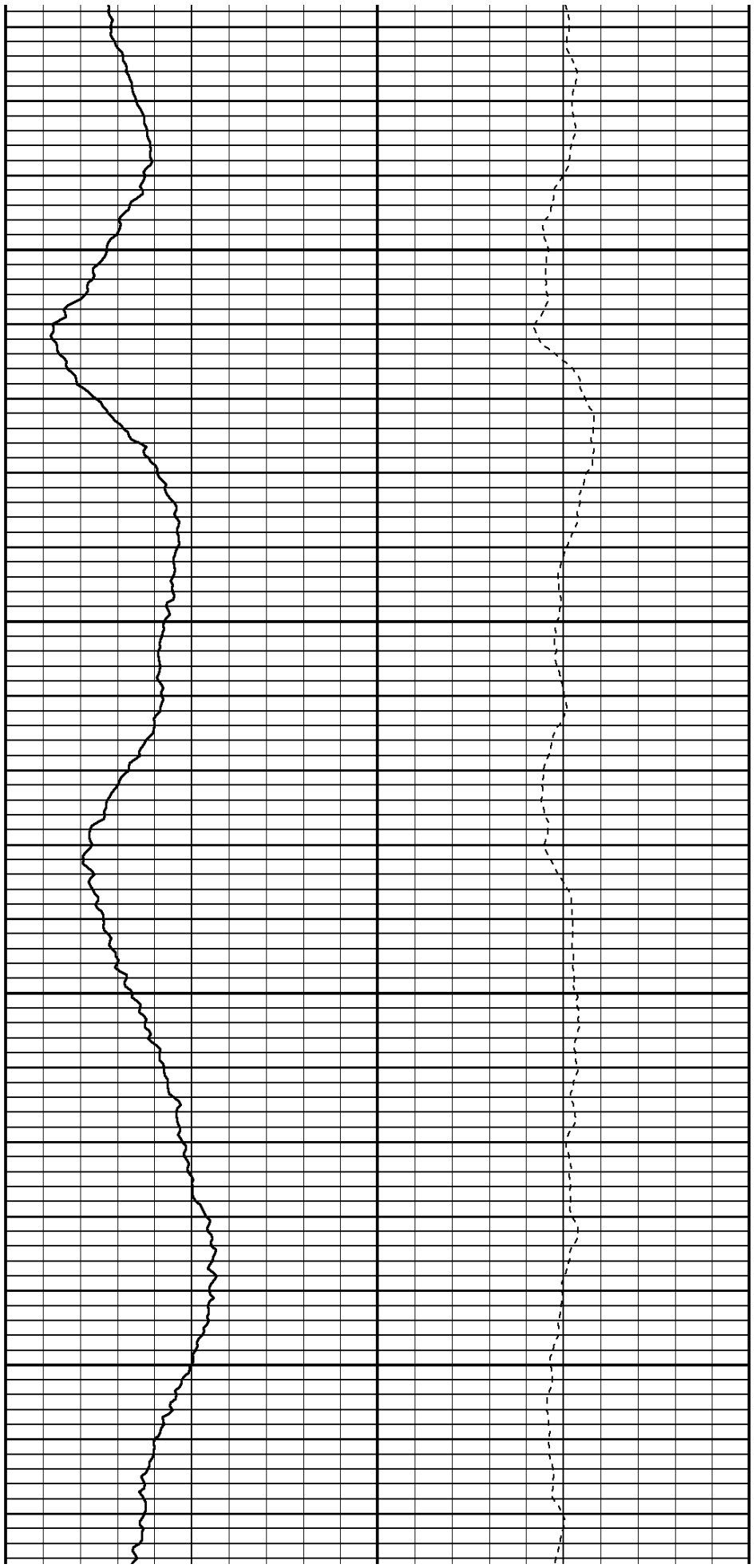
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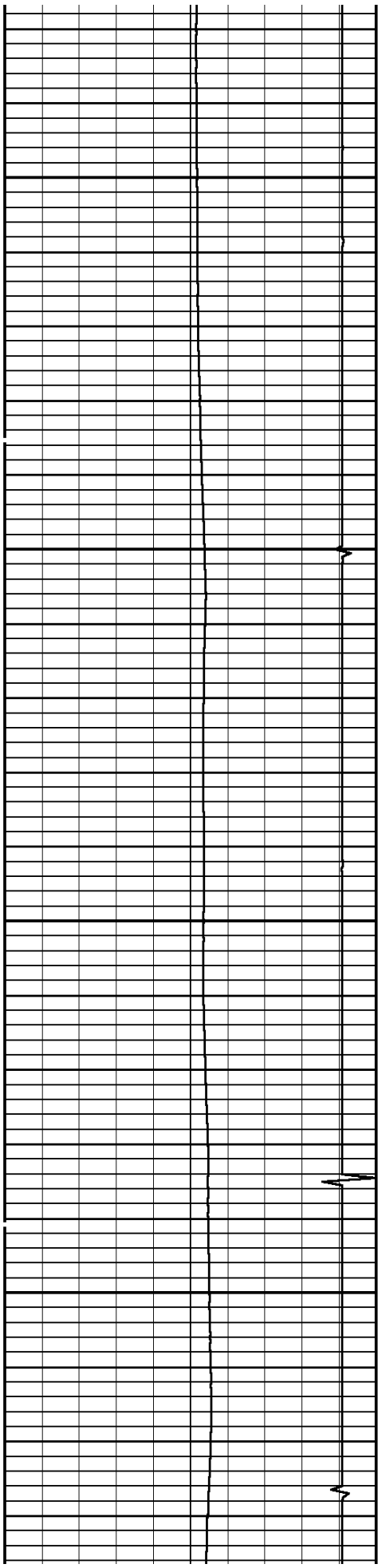




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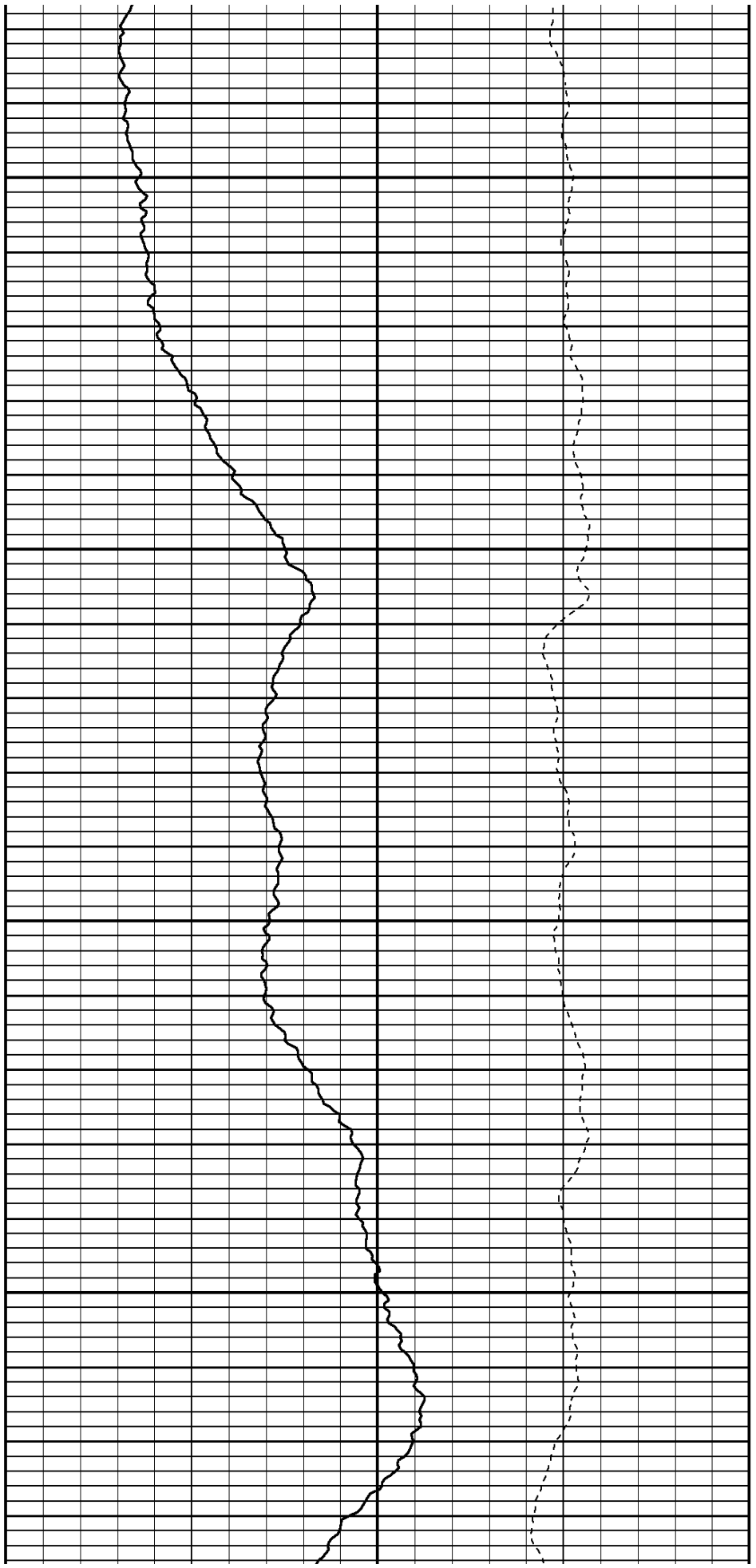
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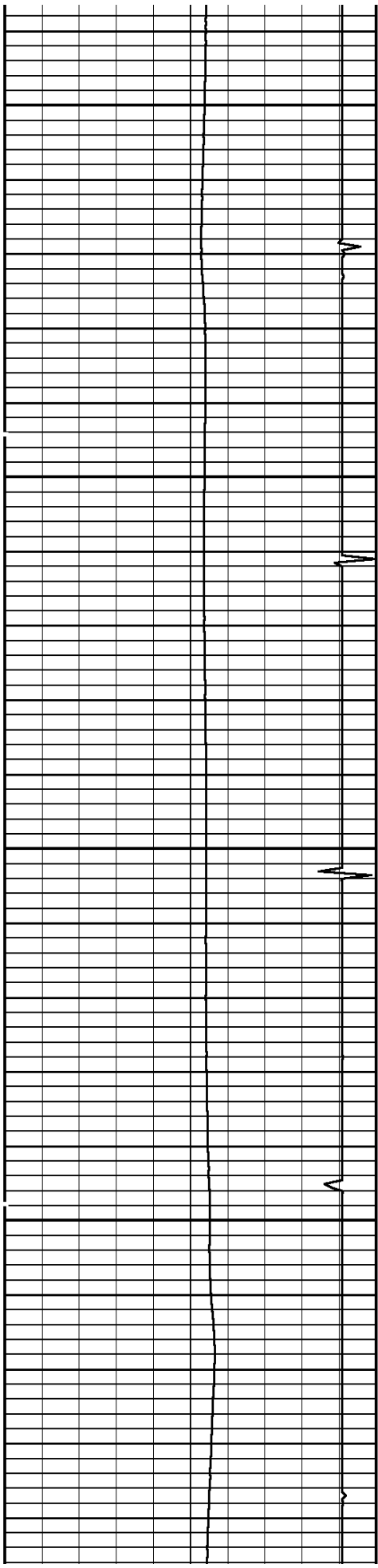




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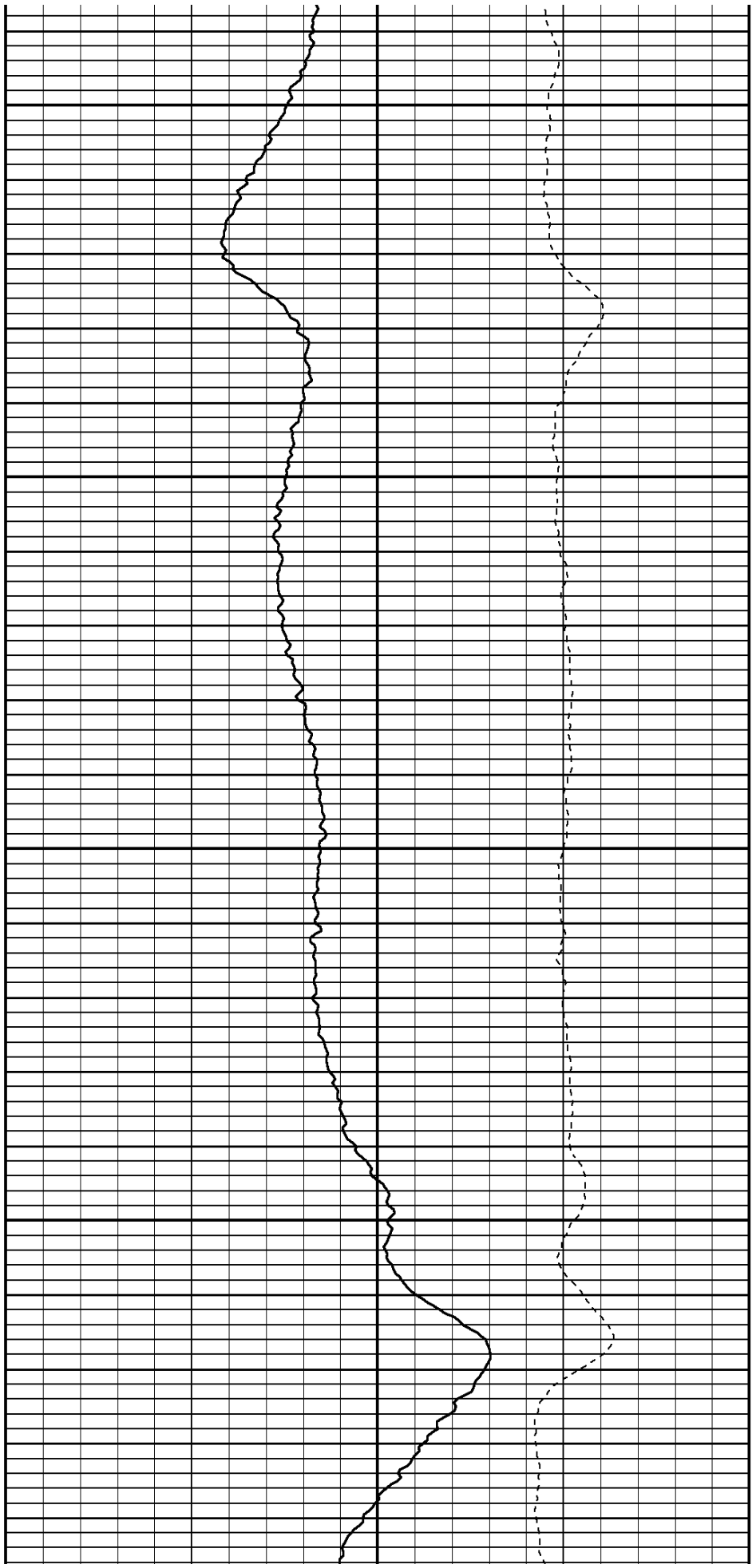
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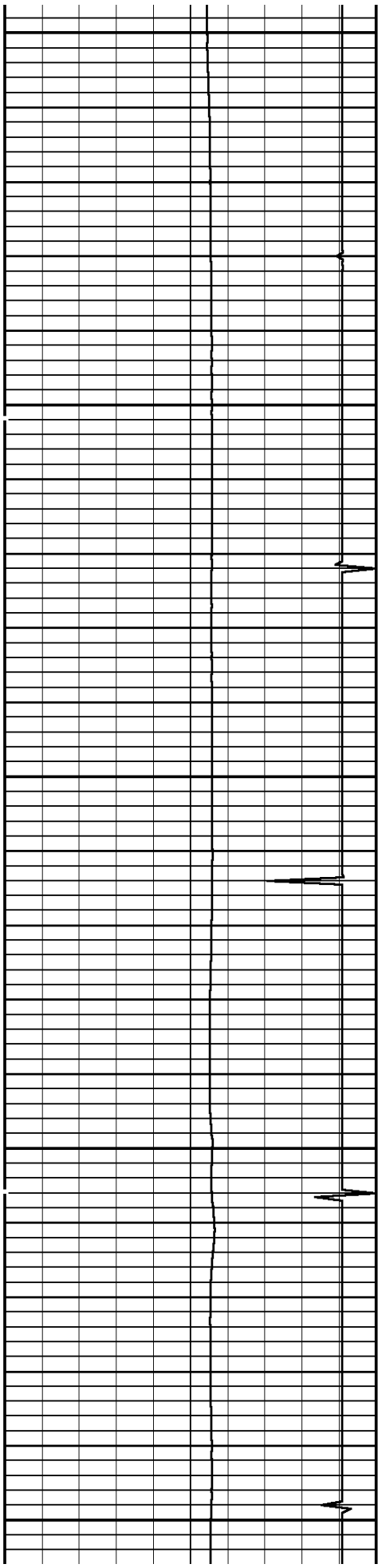




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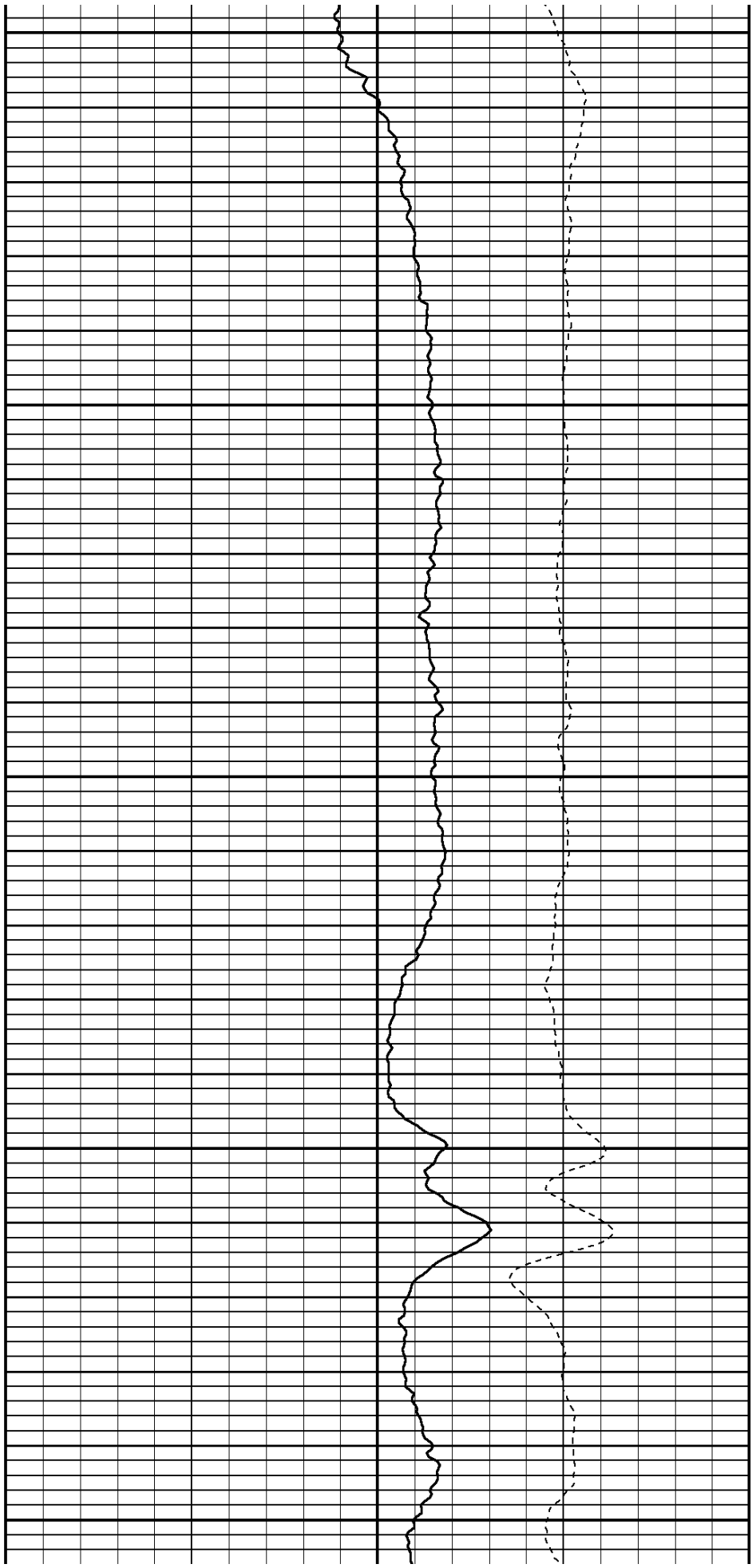


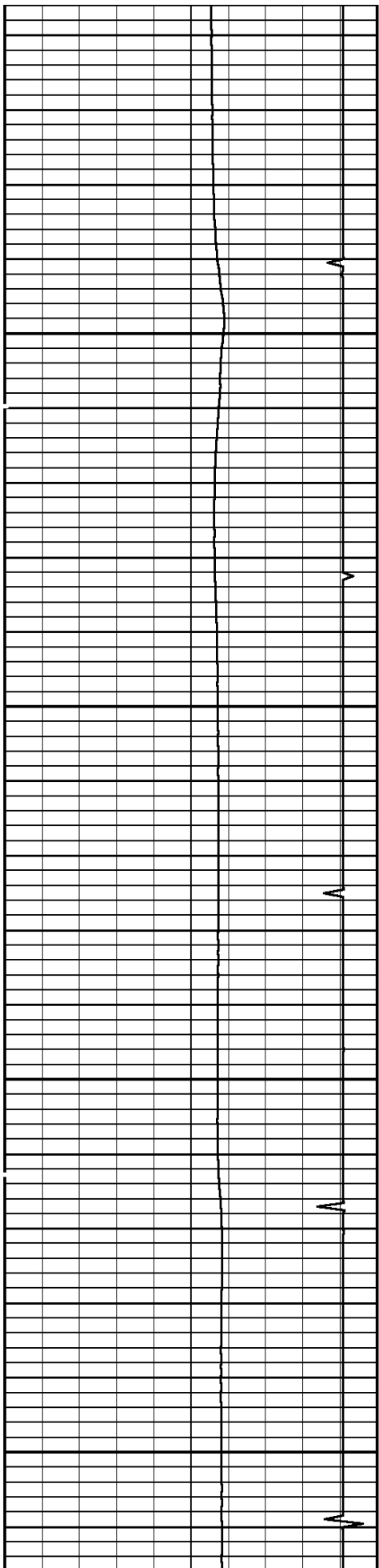


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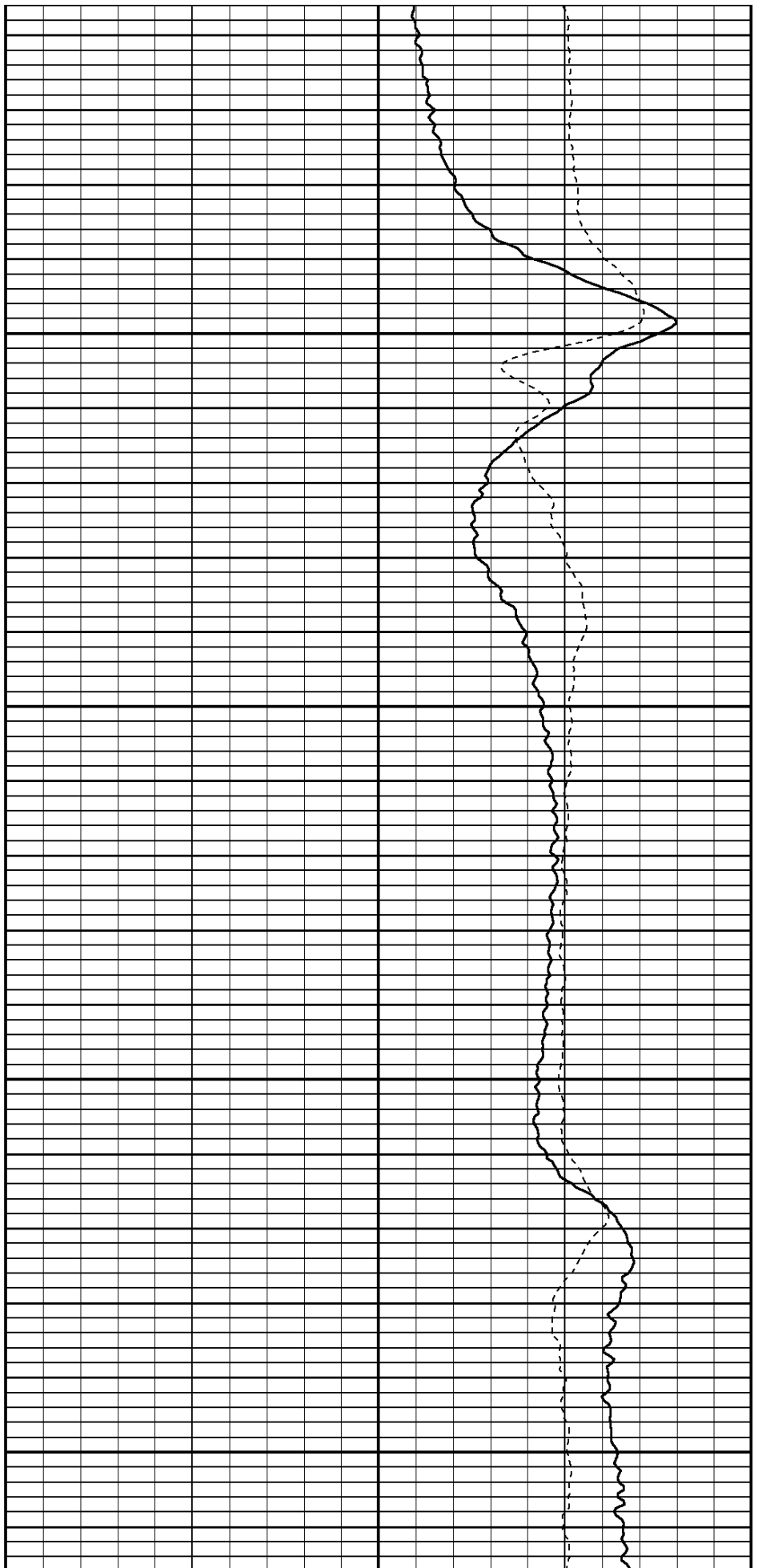
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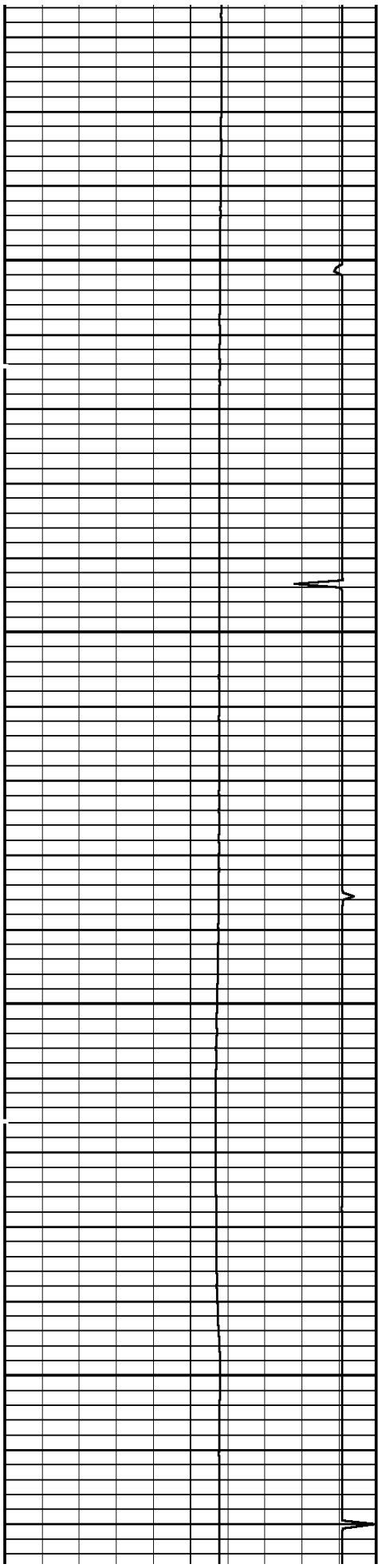




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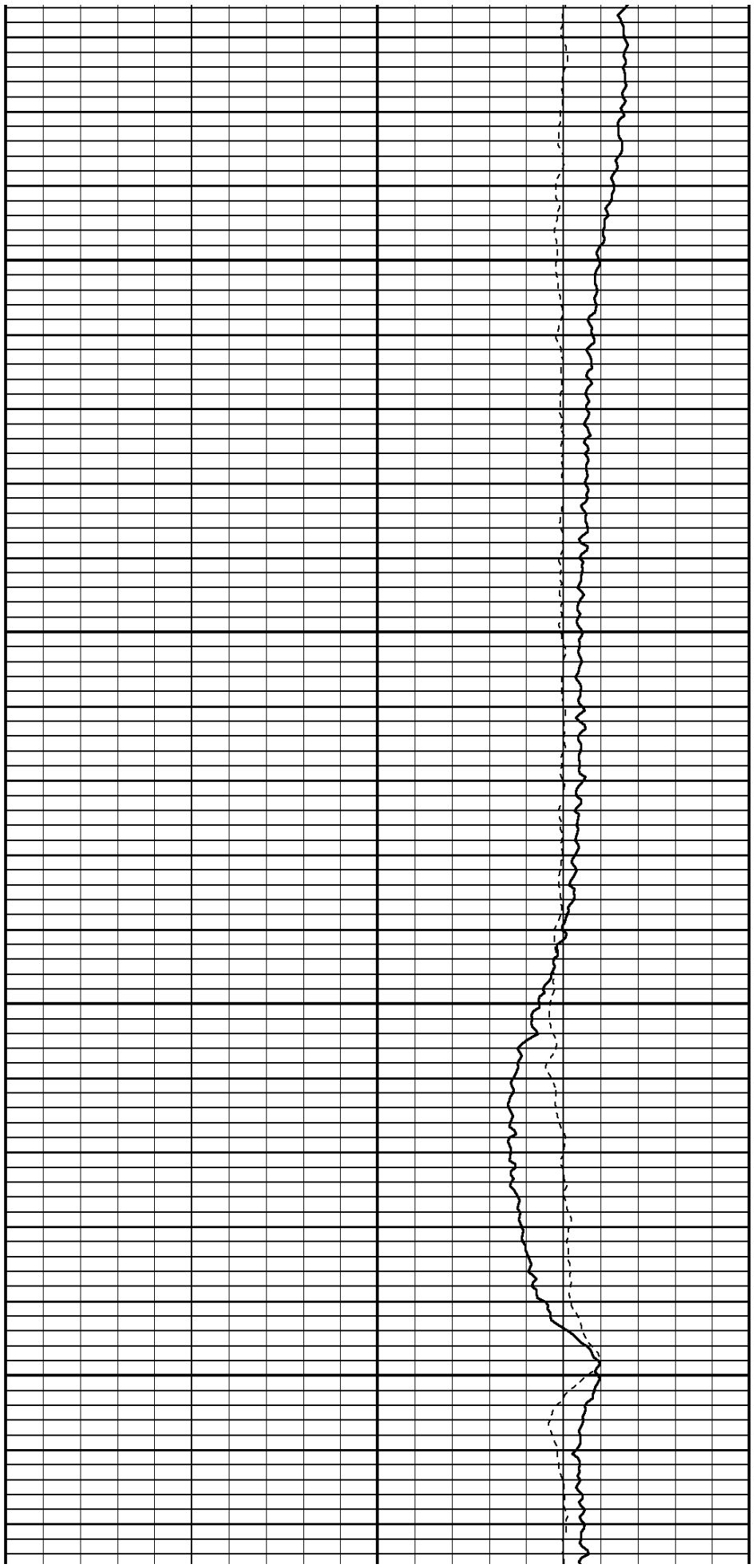
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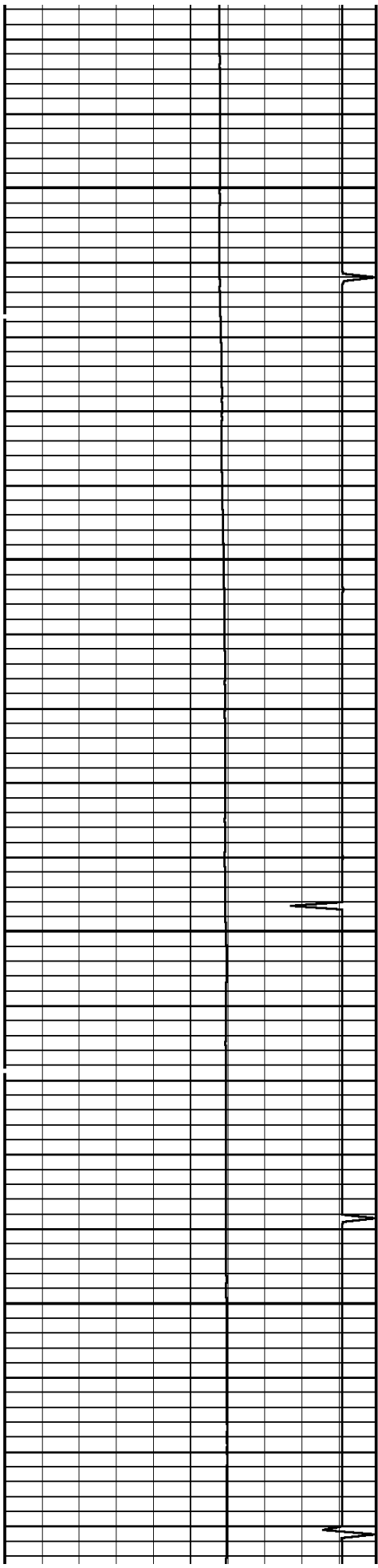




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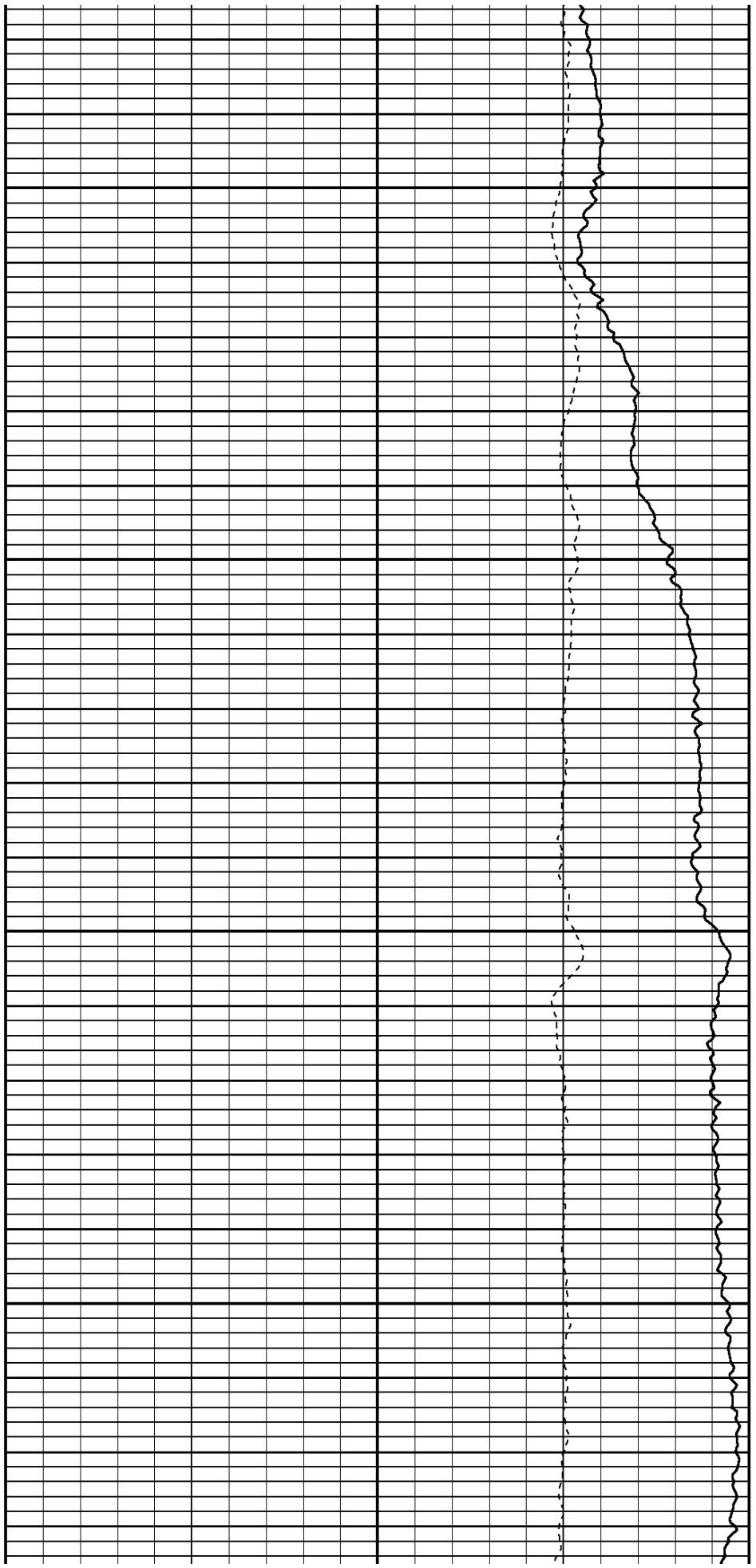
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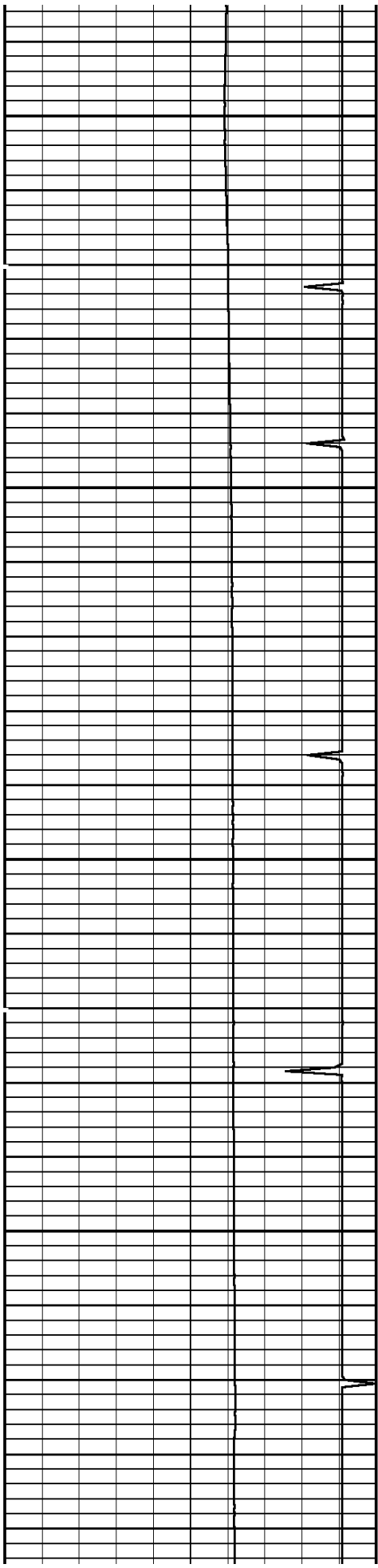




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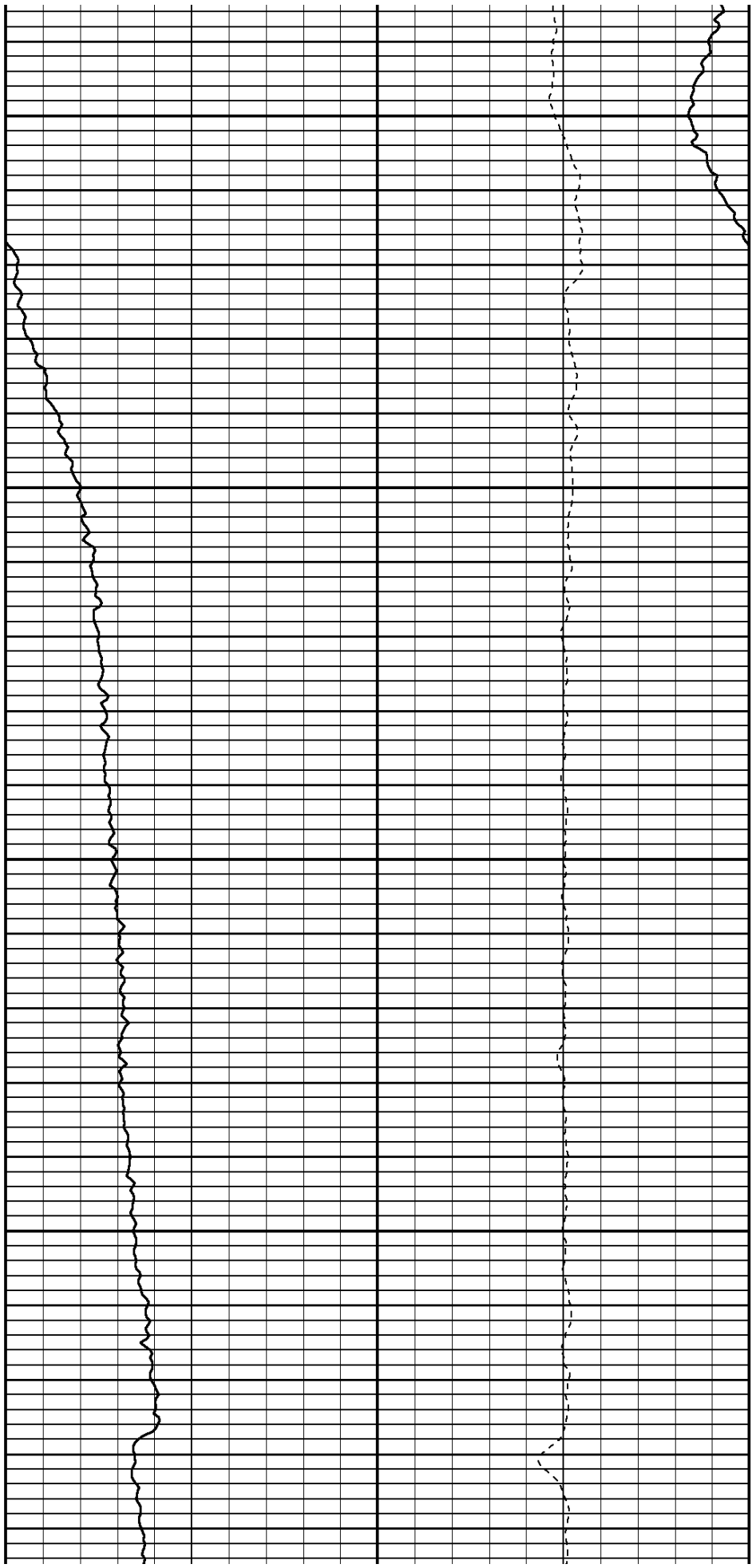
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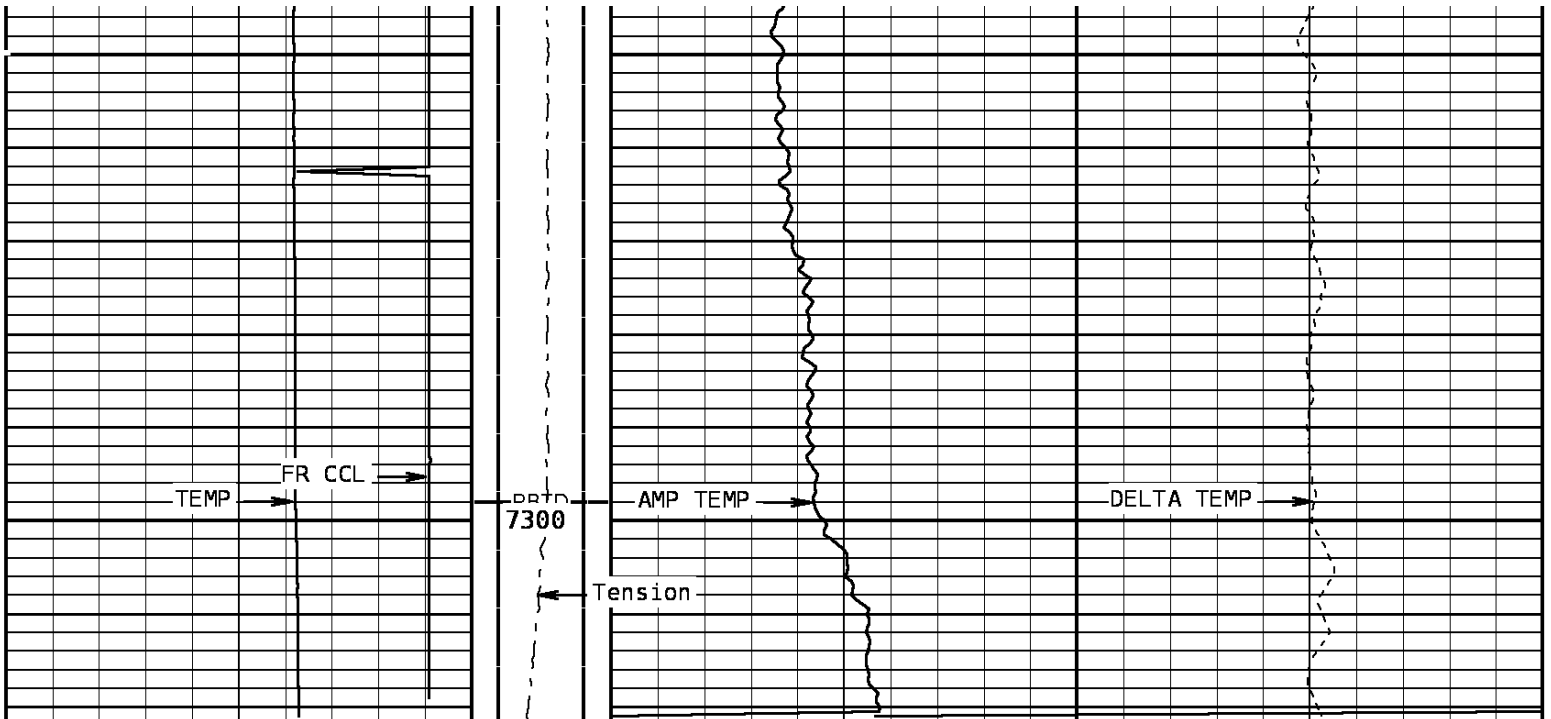




7100

7200





<b>TEMPERATURE</b>		<b>Tension</b>	<b>TEMPERATURE</b>	
60.0	DegreesFahrenheit	260.0	0	1500
<b>Collar Locator</b>			<b>DELTA TEMPERATURE</b>	
-8000.0	Millivolts	800.0	-1.000	DegF/Foot
			1.000	

START DEPTH: **7322.0**    DIRECTION: **UP**    DATE: **10/20/2009**    TIME: **04:26**    MODE: **TRACE PLAYBACK**

**160247 TLTMP**

**MAIN PASS**

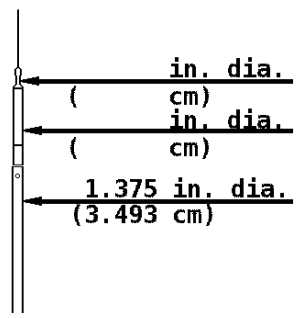
DEPTH SCALE: **5":100'**    VERSION: **80214133R"**

**Cased Hole Cablehead**

Weight            2.2 lb  
 Length            1.02 ft  
 Max. Diameter    1.685 in

Total Stack Weight 2.2 lb    in air  
 Total Stack Length 4.88 ft

**Sinker Bar**



Weight 37.5 lbs/17 Kg  
Length 5.0 ft/1.53 m  
Max. Diameter 1.375 in/34.93 mm

**Casing Collar Locator**

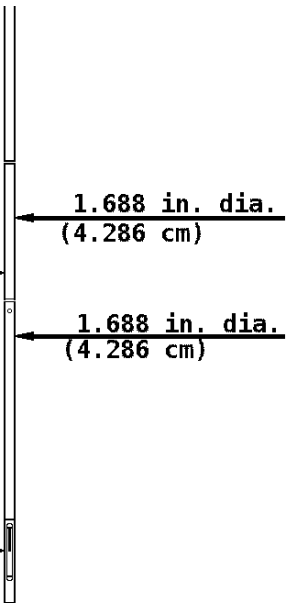
Length

**Temperature**

Weight 4.8 lbs  
Length 2.20 ft  
Max. Diameter 1.688 in

CCL

Temp. 0.10 ft



COMPANY BILL BARRETT CORPORATION

WELL GGU MILLER 33A-31-691

FIELD GIBSON GULCH

COUNTY GARFIELD

STATE COLORADO



**Weatherford®**