

TEMPERATURE  
CCL LOG

COMPANY BILL BARRETT  
CORPORATION  
WELL GGU FEDERAL  
43D-29-691  
FIELD MAMM CREEK  
CNTY GARFIELD STATE CO

COMPANY BILL BARRETT CORPORATION  
WELL GGU FEDERAL 43D-29-691  
FIELD MAMM CREEK  
COUNTY GARFIELD STATE COLORADO

LOCATION:

SHL: 1833' FSL, 2090' FEL  
BHL: 2416' FSL, 664' FEL  
SEC. 29 TWP. 6S RGE. 91W

OTHER SERVICES:

NONE

PERM. DATUM GROUND LEVEL ELEV. 6031'  
LOG MEASURED FROM K.B. 23 FT. ABOVE PERMANENT DATUM ELEV.: K.B. 6054'  
D.F. 6053'  
G.L. 6031'  
DRILLING MEASURED FROM KELLY BUSHING

DATE 26-OCT-2010 API: 05-045-19685

RUN NO. ONE

DEPTH DRILLER 7612'?

DEPTH LOGGER 7545'

BTM. LOG INTERVAL 7545'

TOP LOG INTERVAL 5'

OPEN HOLE SIZE 7.875"

TYPE FLUID WATER

DENS. 8.3 VISC. 10.00

MAX. REC. TEMP. F 178 DEG F.

EST. CEMENT TOP 2230'

TIME WELL READY ROA

TIME LOGGER ON BTM. SEE LOG

EQUIP. NO. 14068

LOCATION GRAND JUNCTION

RECORDED BY ADAM MACPHERSON

WITNESSED BY ROBERT SCHULTZ

BOREHOLE RECORD

RUN NO. BIT FROM TO SIZE WGT. FROM TO

CASING RECORD

SURFACE STRING SIZE 9.625" WT/FT 36.0 GRADE TYPE JOINT TOP BOTTOM

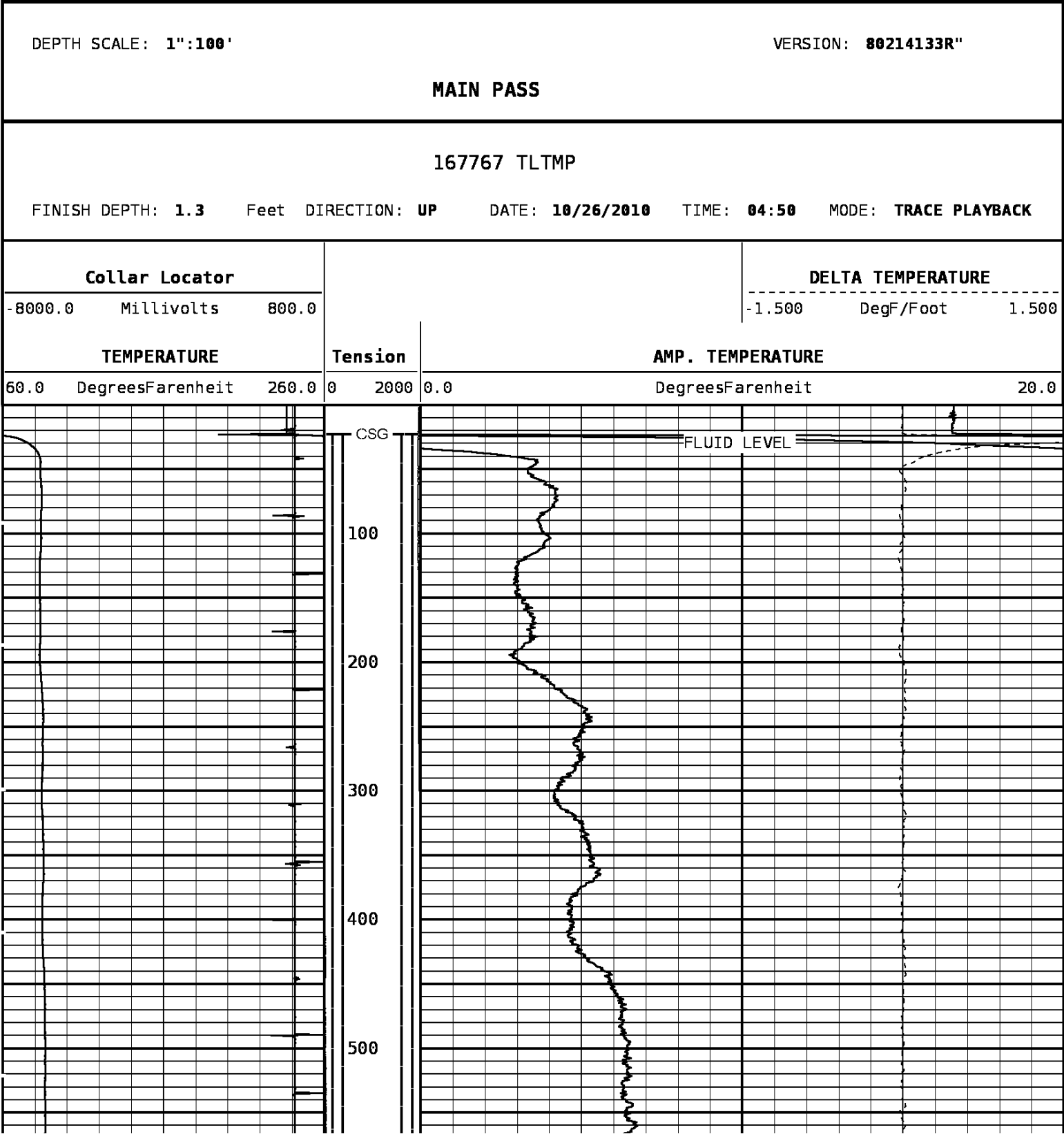
PROD. STRING 4.500" 11.6 SURF 7611'

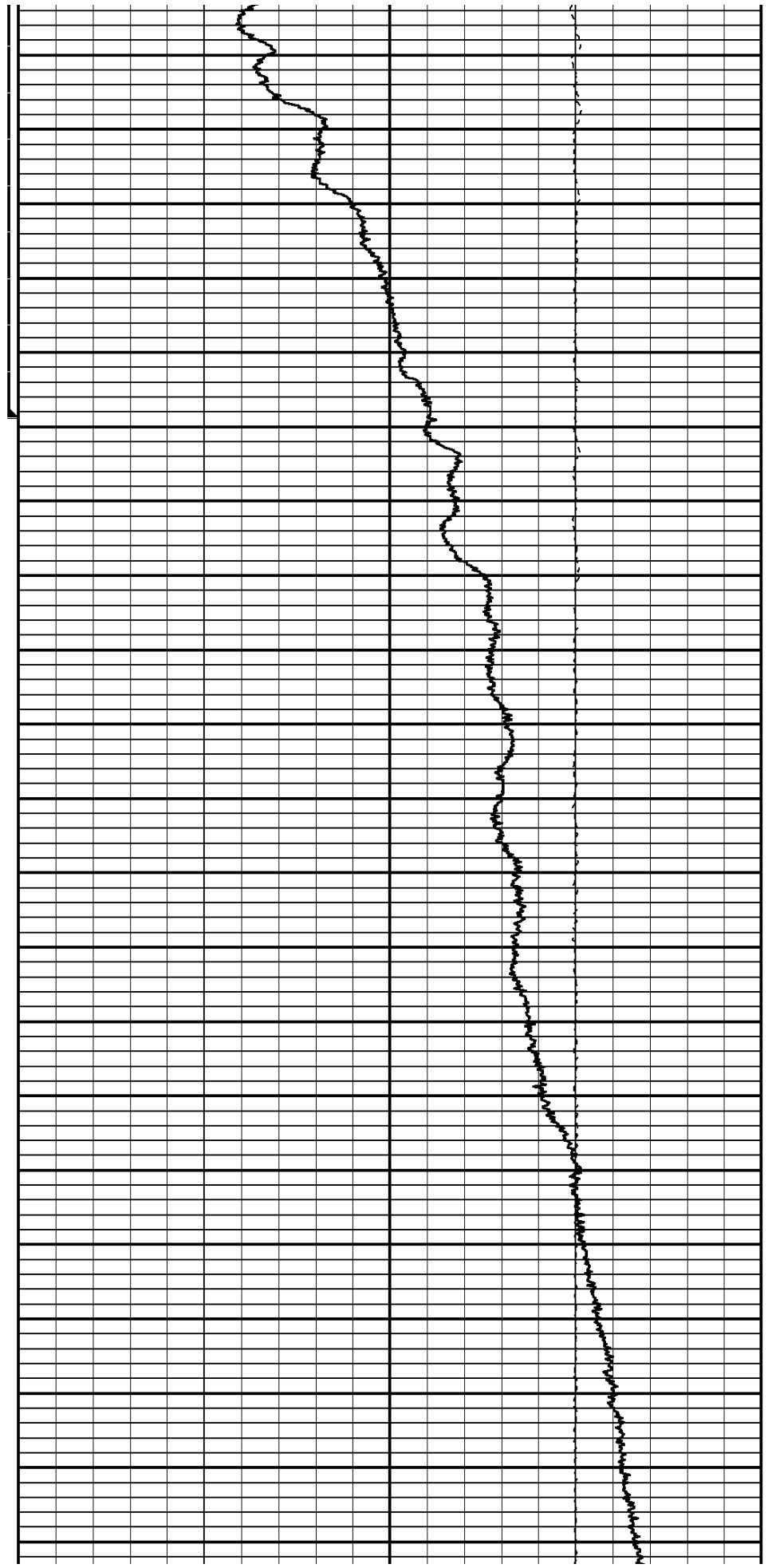
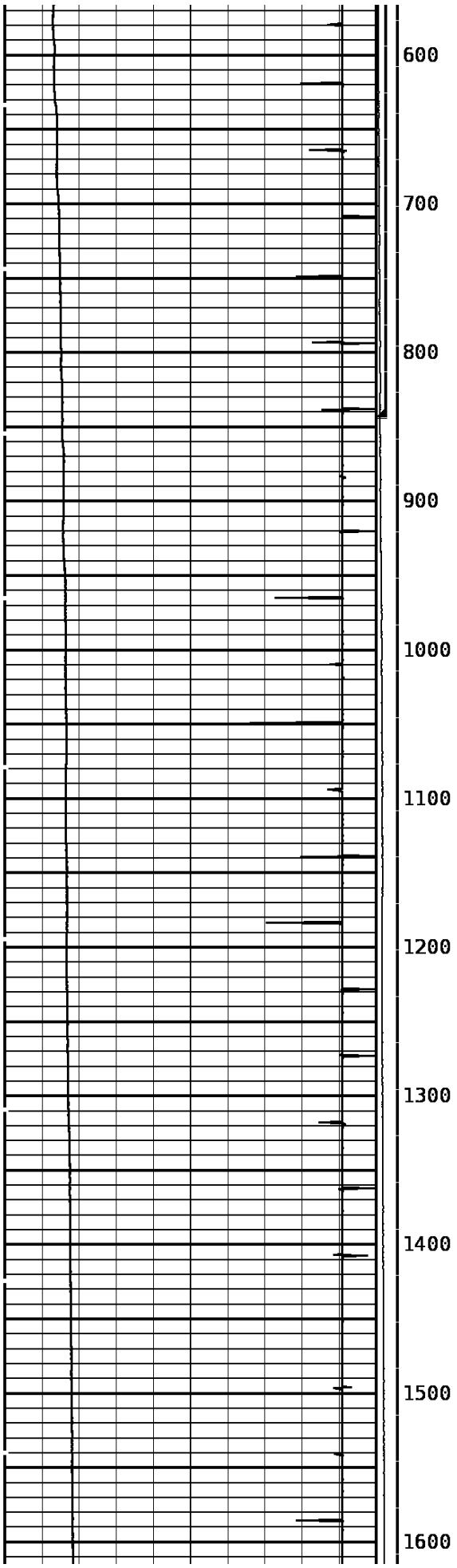
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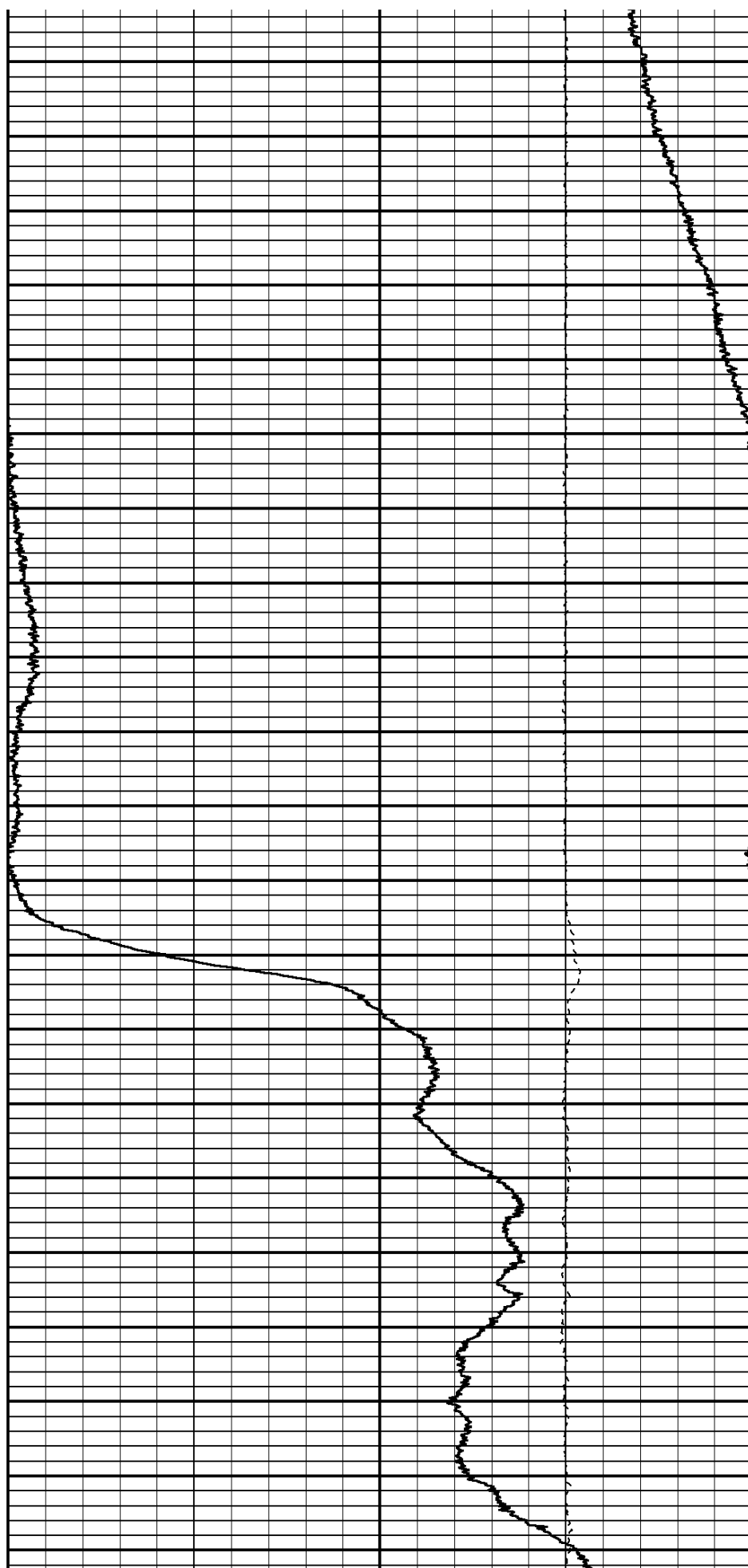
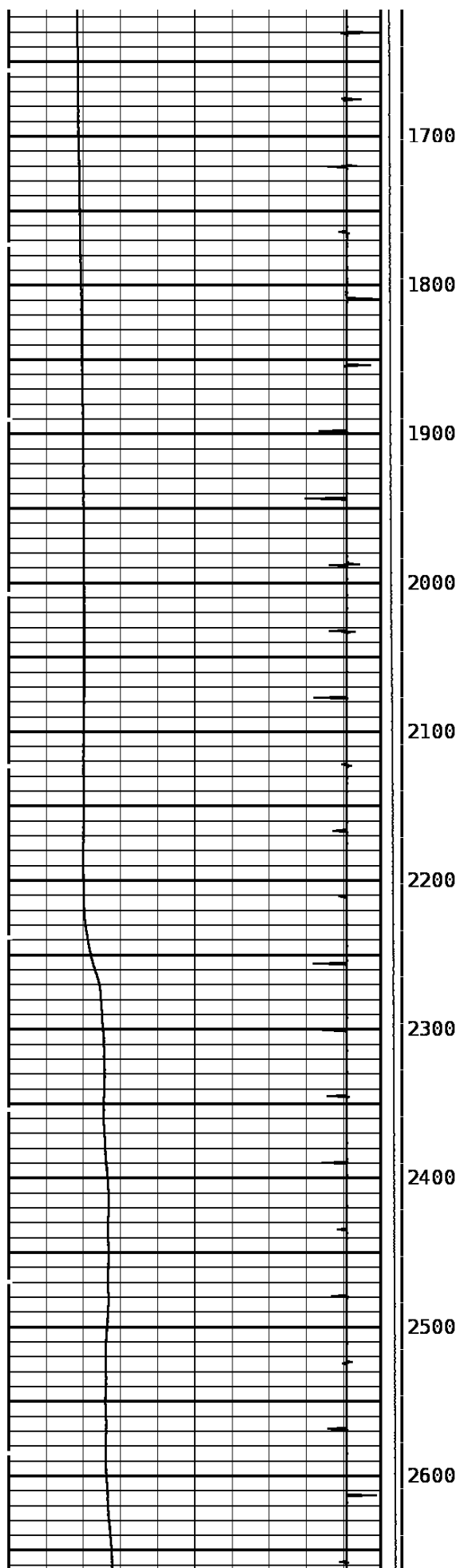
All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone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

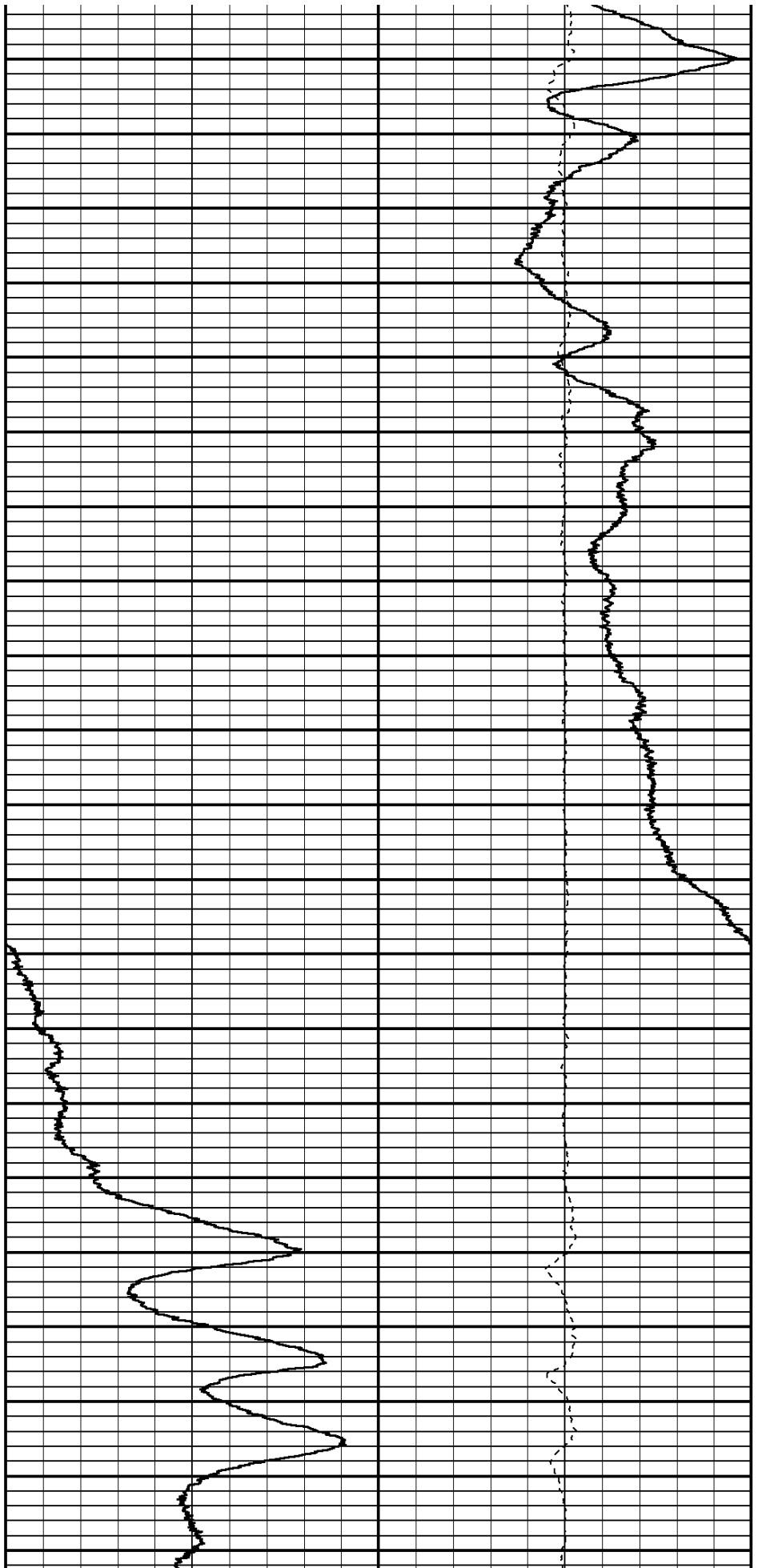
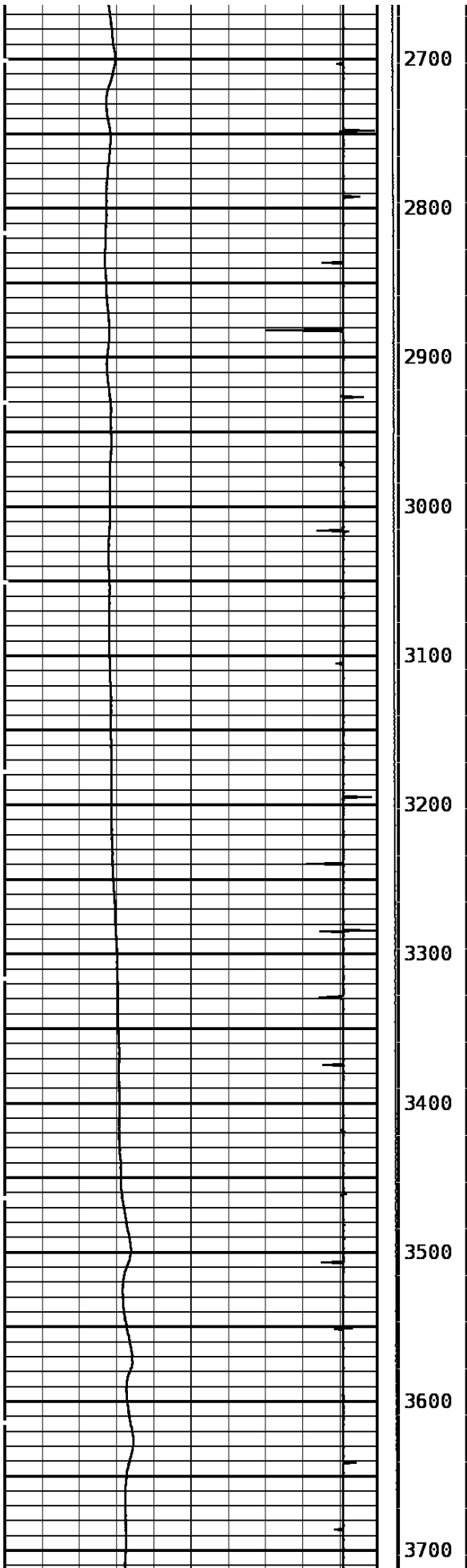
REMARKS Rig: PATTERSON 313 Service Order # 167767  
LOG WAS RAN ON WIRELINE DEPTH WITH 23' K.B. BHT °F  
PLUG BUMPED @ 22:30 HRS ON 25-OCT-2010.  
ETOC OF 2230' REACHED @ 03:50 HRS ON 26-OCT-2010  
Prints: 2  
YOUR CREW: JACK WILLIAMS  
THANK YOU FOR CHOOSING WEATHERFORD WIRELINE SRVC GRD. JUNCTION (790)263-8501

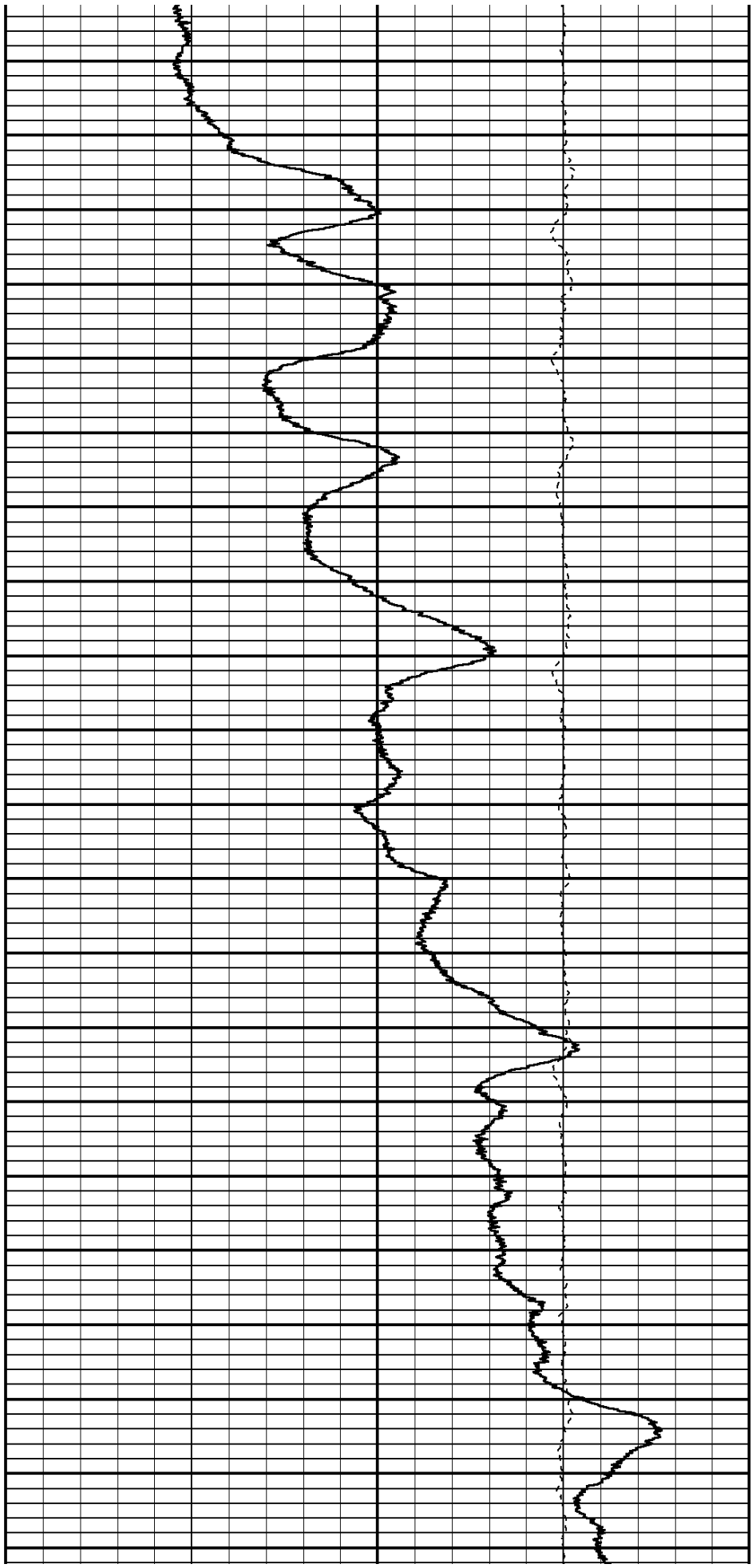
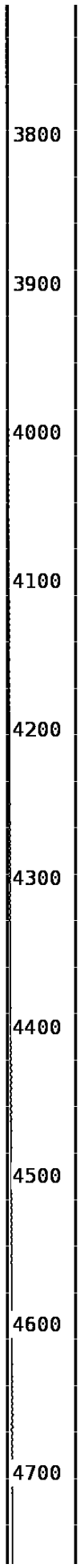
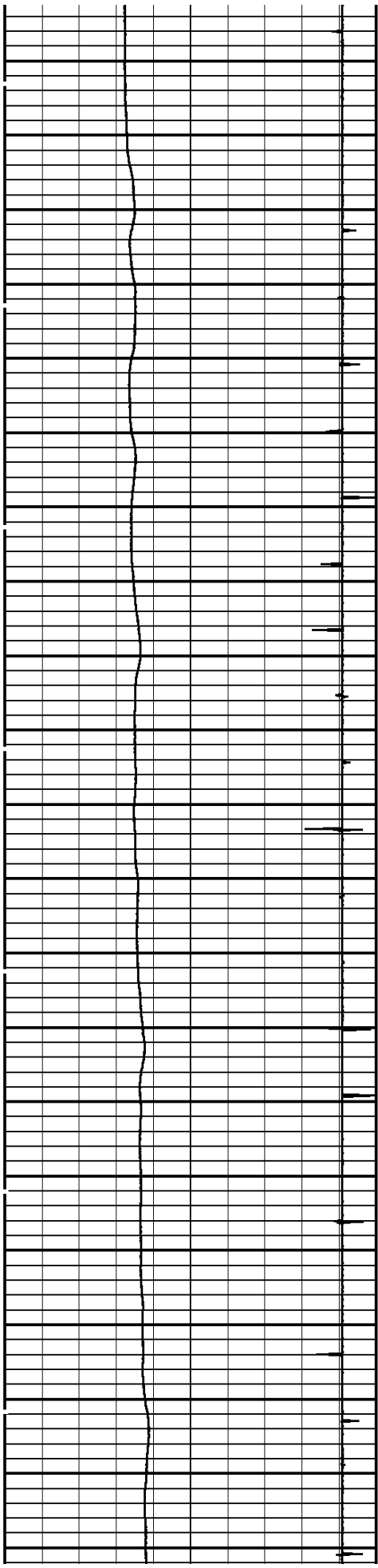
		EQUIPMENT DATA			
Bit Size	7.875"	Run No.	Tool Type	Tool No.	Other
Well Status	NEW DRILL	ONE	CCL	143	
Surface Pressure		ONE	TMPEB	143	
Shut In	Flowing				
ZERO	ZERO				

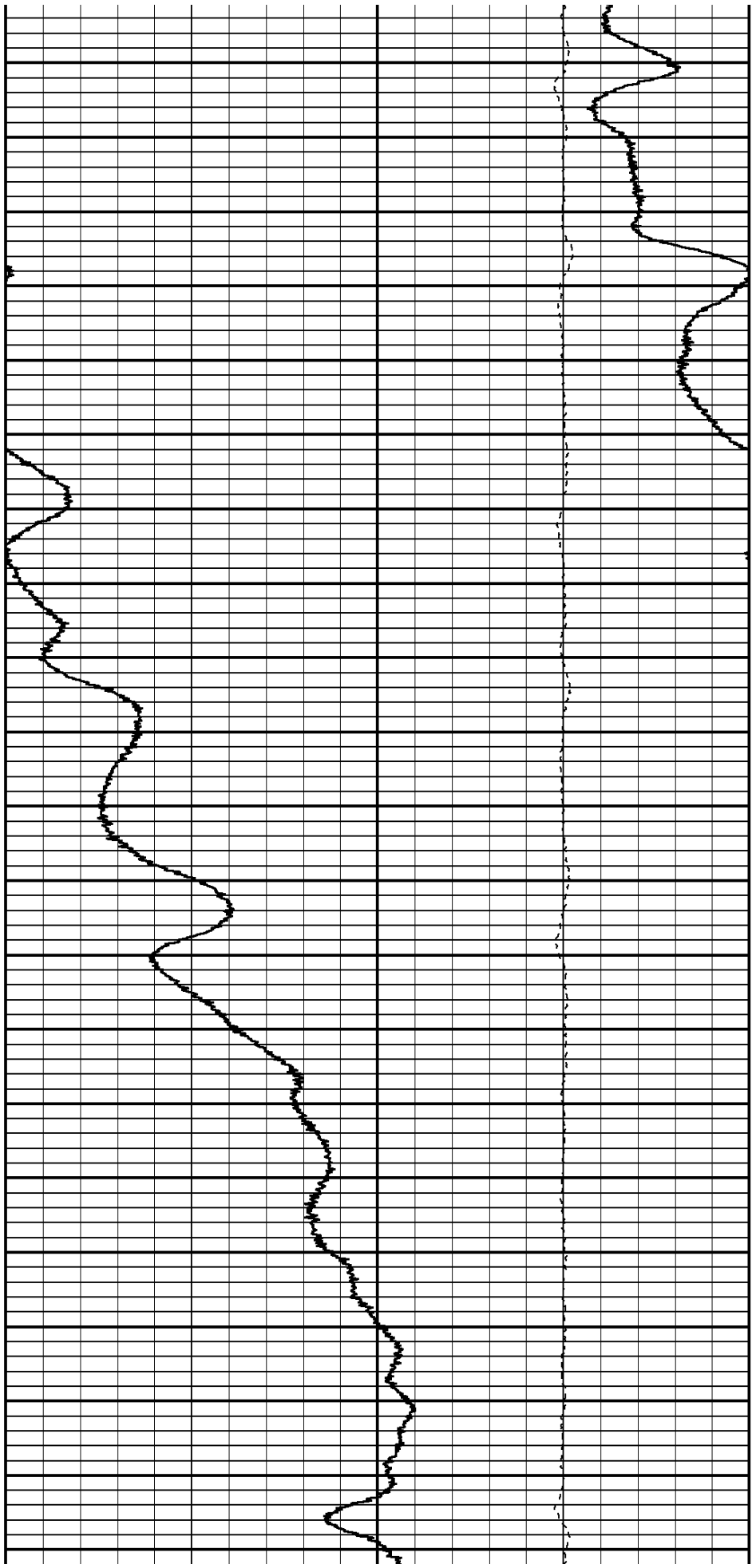
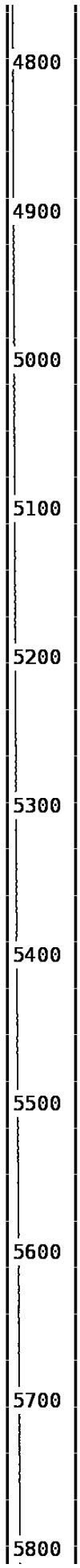
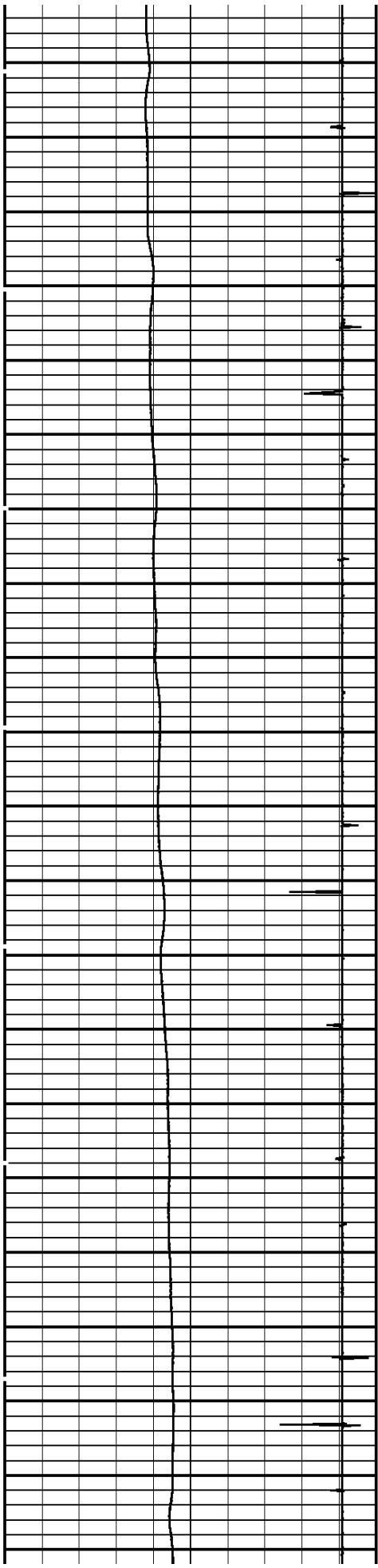



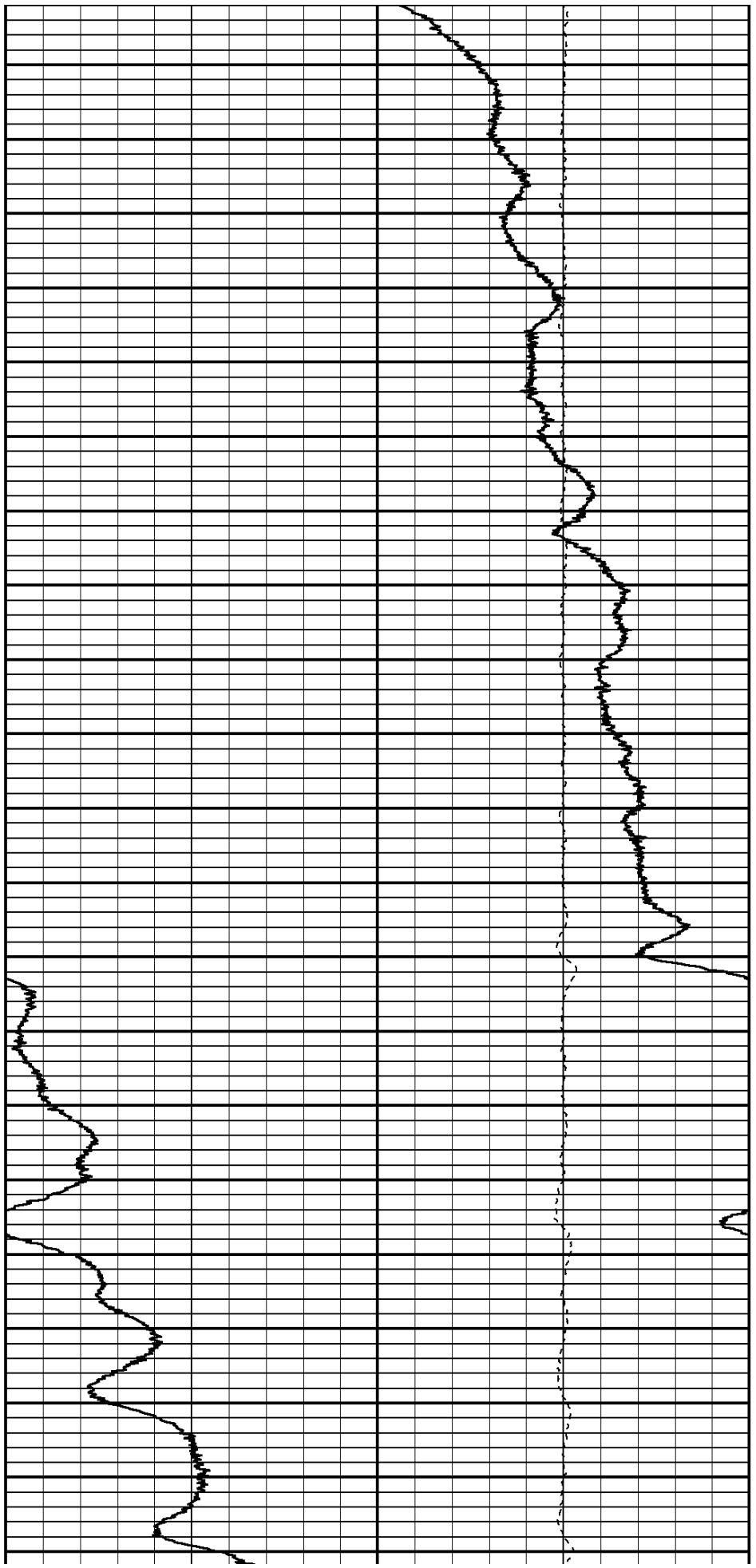
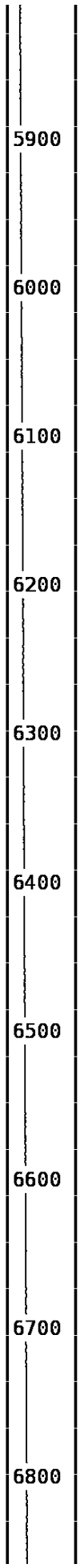
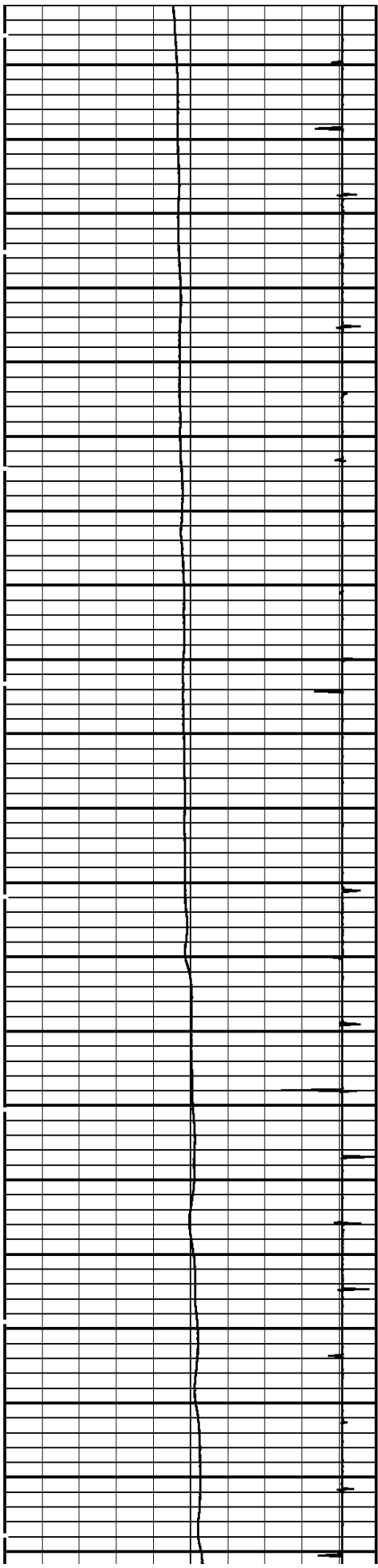


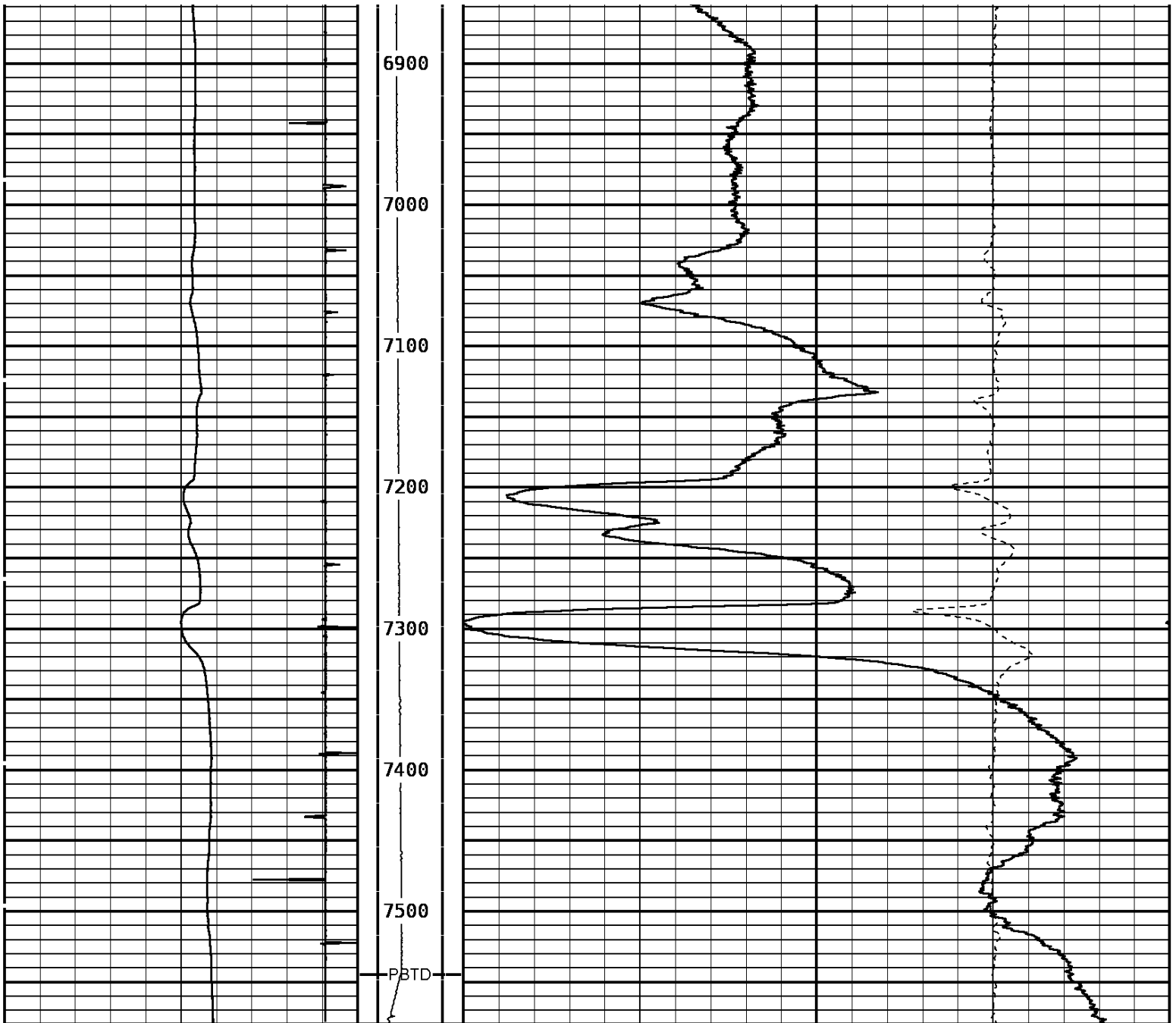












TEMPERATURE			Tension		AMP. TEMPERATURE		
60.0	DegreesFarenheit	260.0	0	2000	0.0	DegreesFarenheit	20.0
Collar Locator							
-8000.0	Millivolts	800.0					
			DELTA TEMPERATURE				
			-1.500      DegF/Foot      1.500				

START DEPTH: 7580.0    DIRECTION: UP    DATE: 10/26/2010    TIME: 04:49    MODE: TRACE PLAYBACK

167767 TLTMP

MAIN PASS

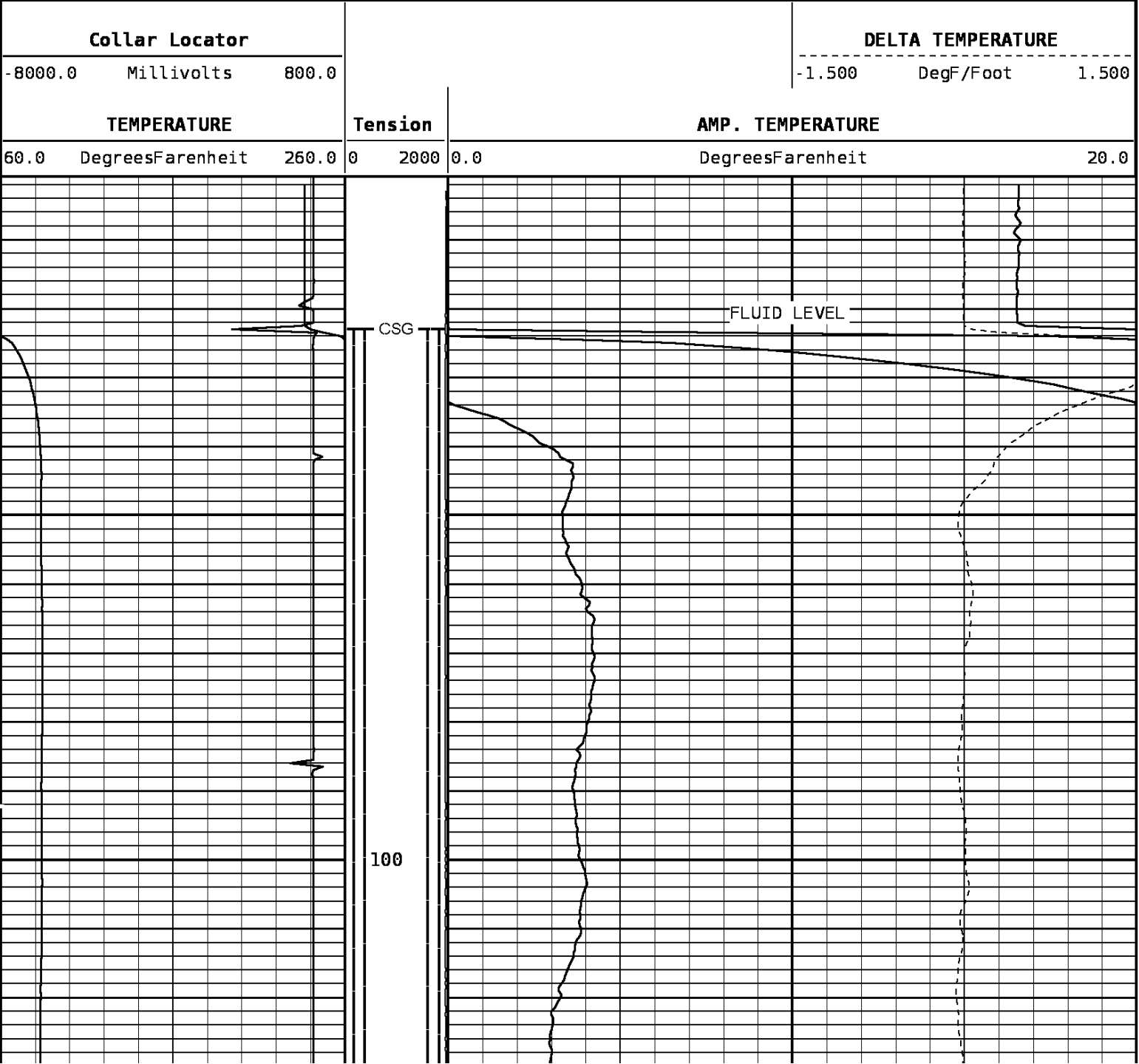
DEPTH SCALE: 5":100'

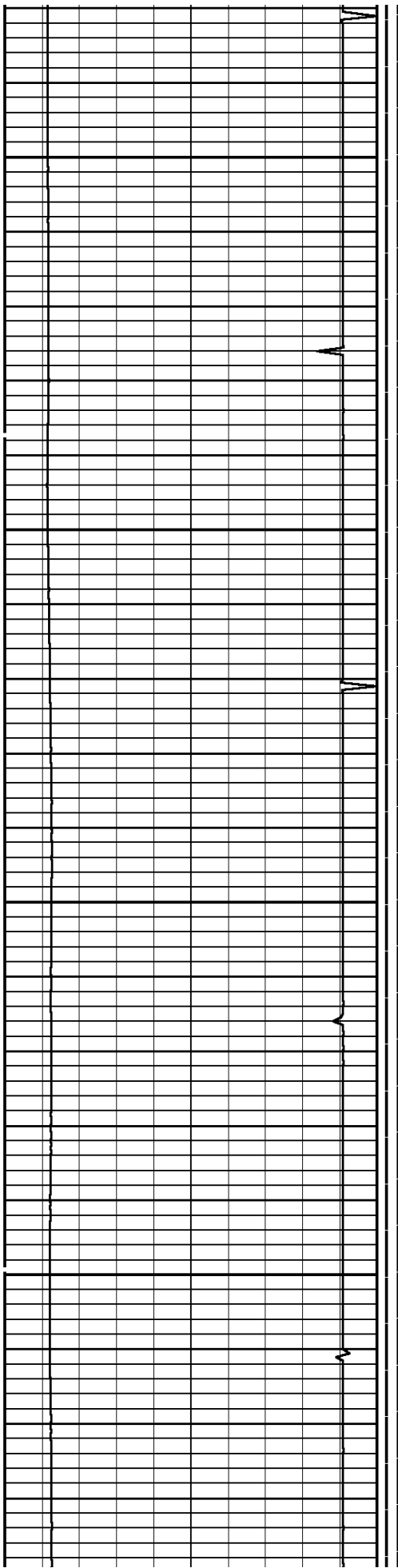
VERSION: 80214133R"

MAIN PASS

167767 TLTMP

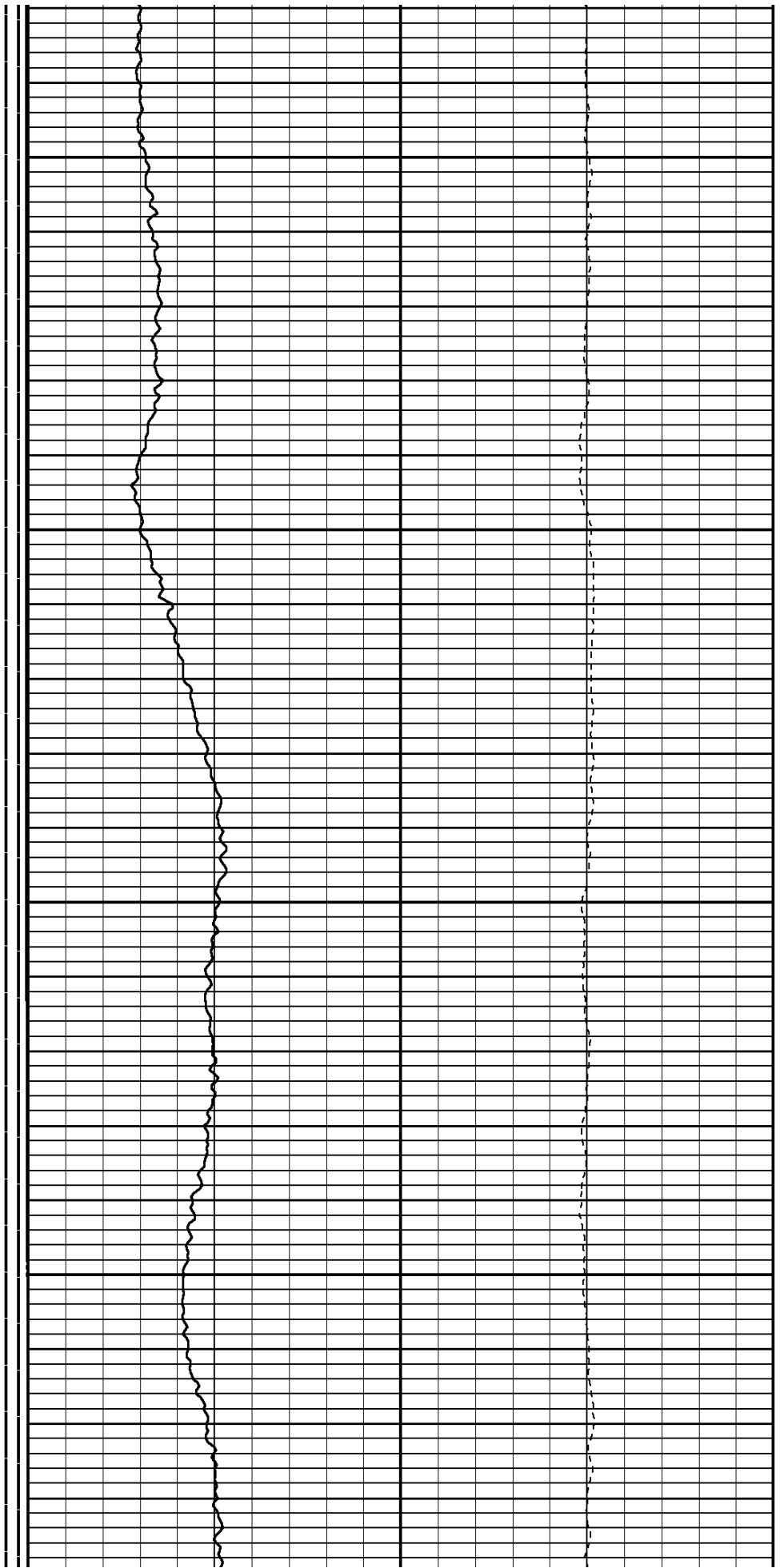
FINISH DEPTH: 1.3 Feet DIRECTION: UP DATE: 10/26/2010 TIME: 04:50 MODE: TRACE PLAYBACK

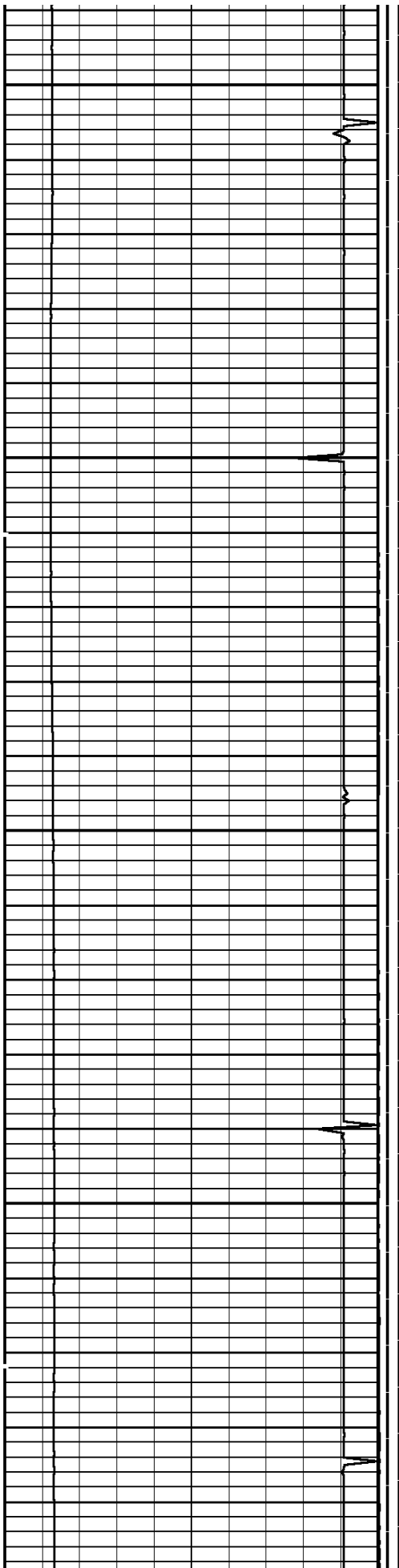




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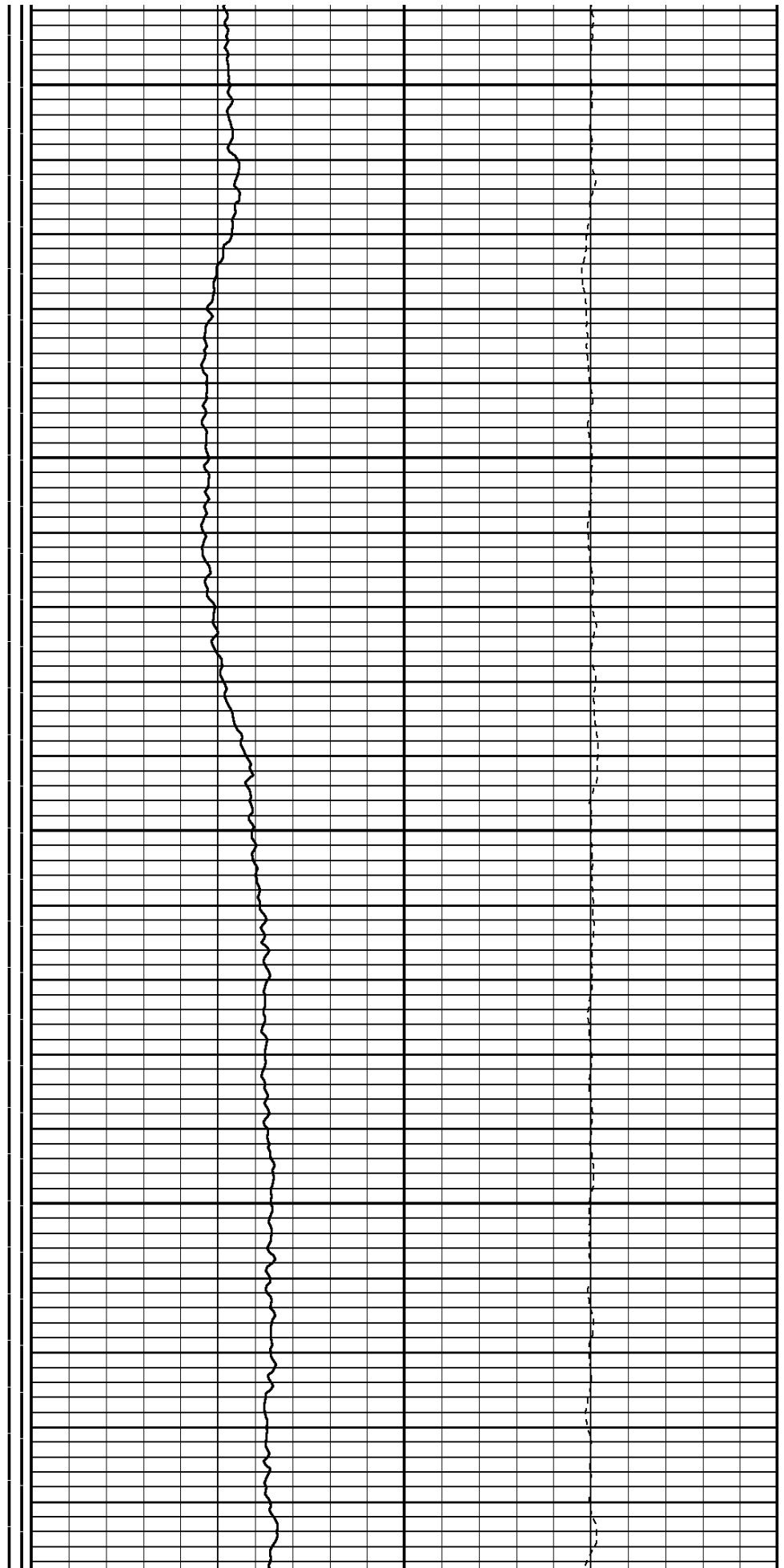
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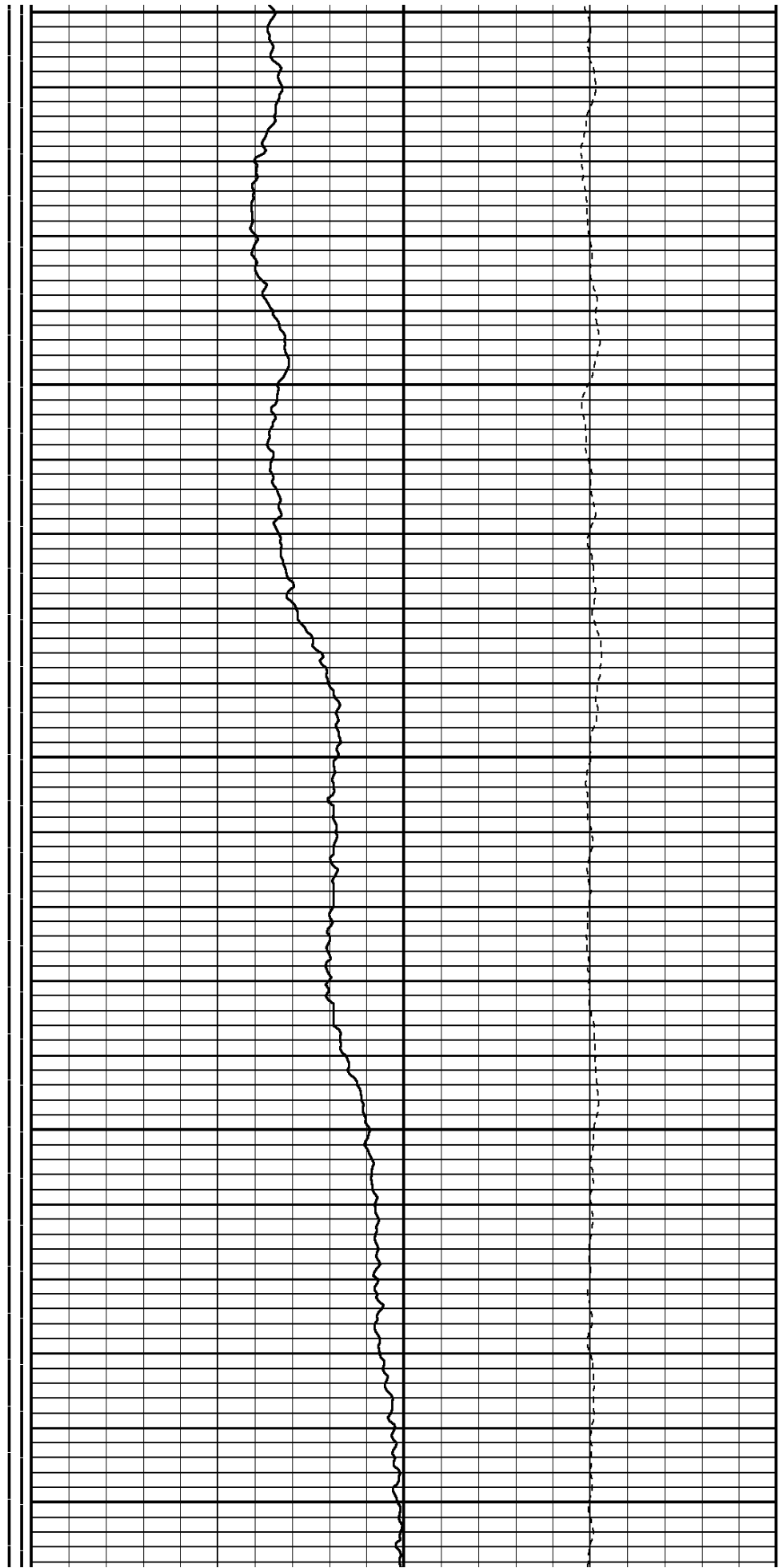
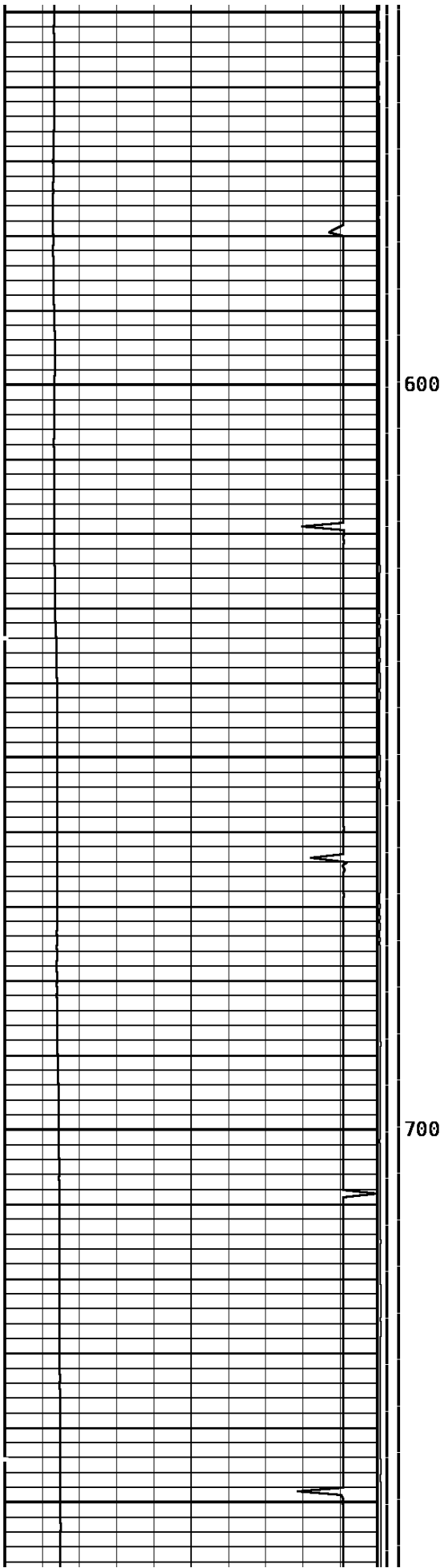


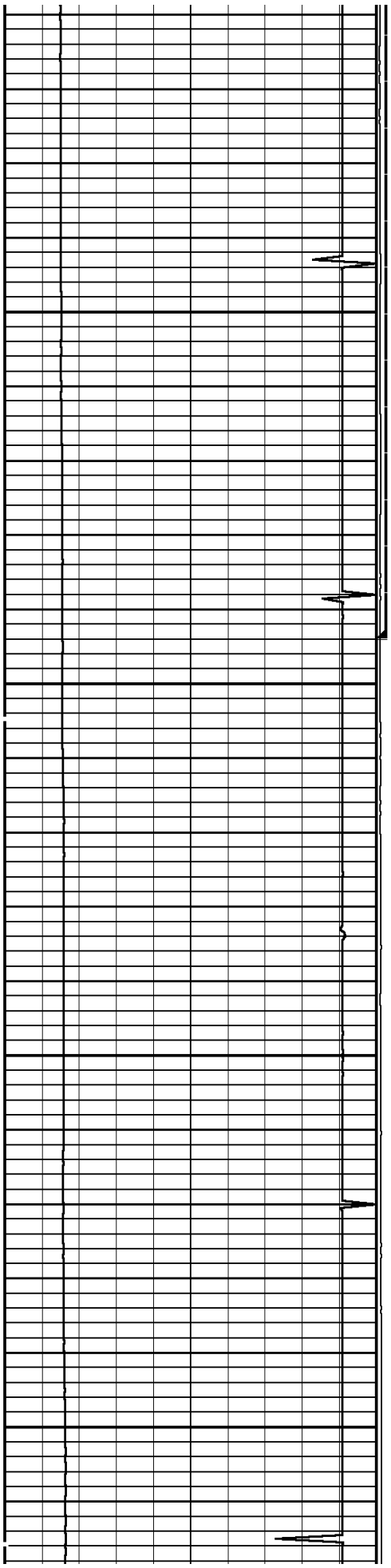


400

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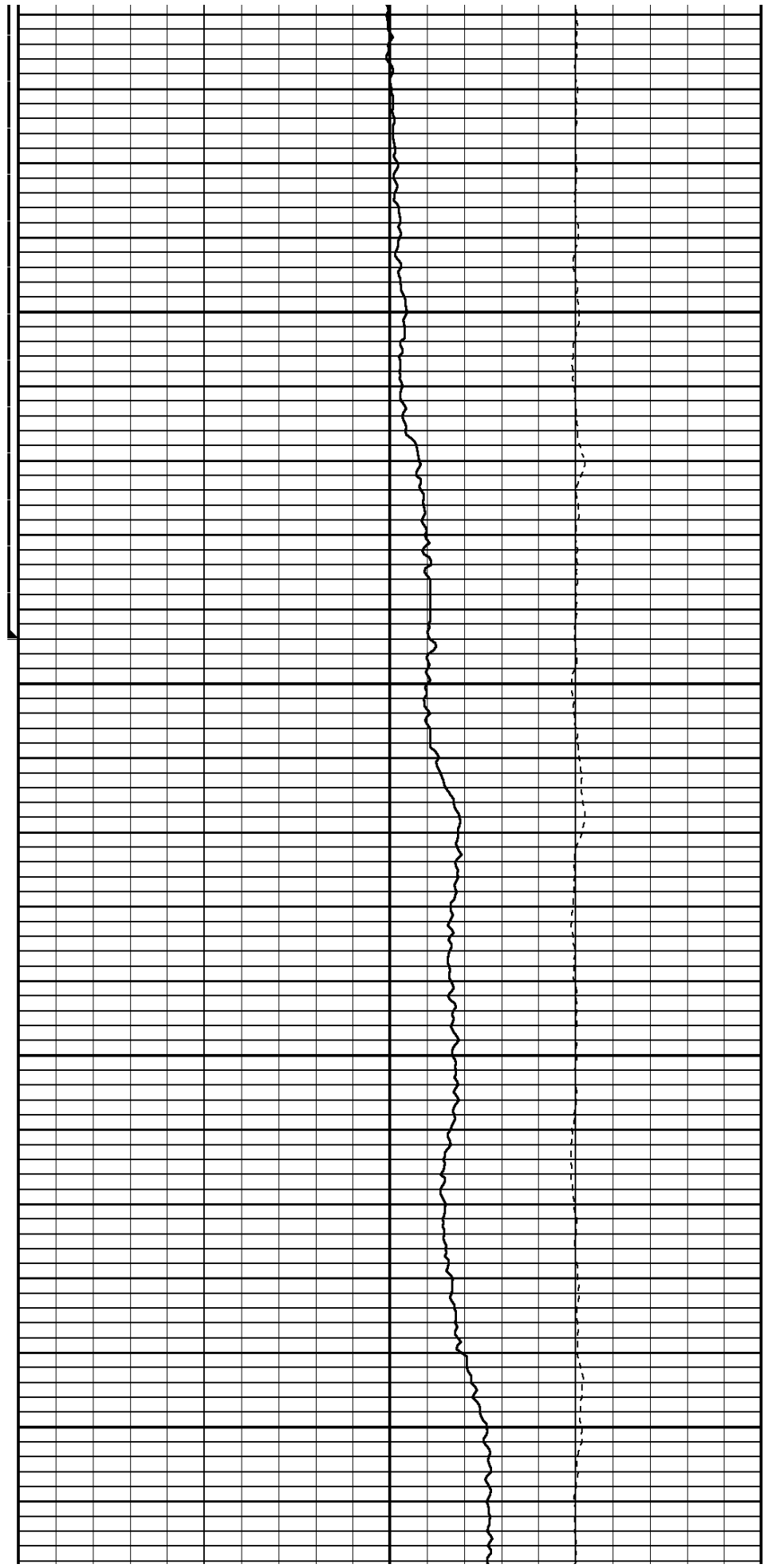


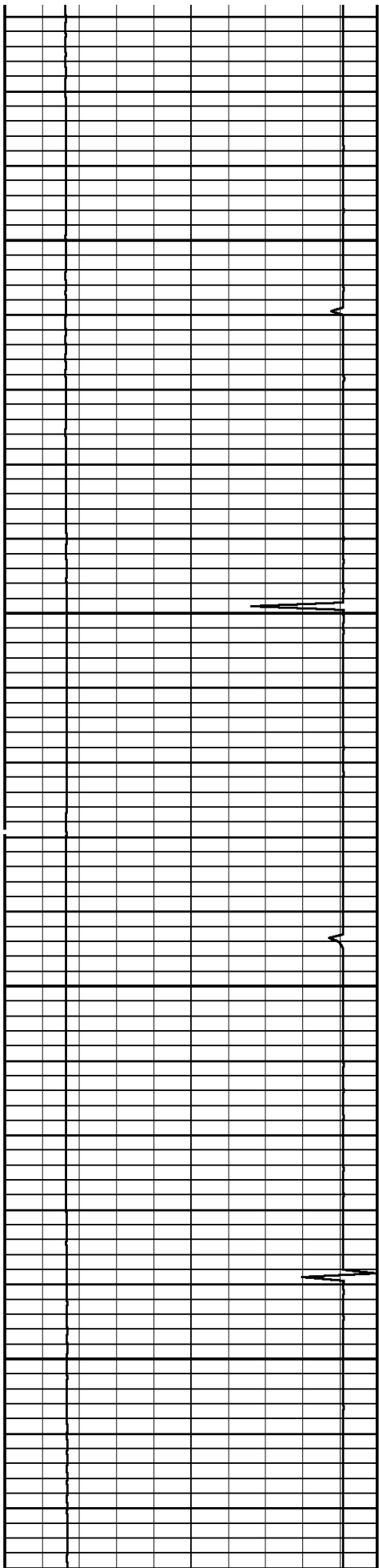




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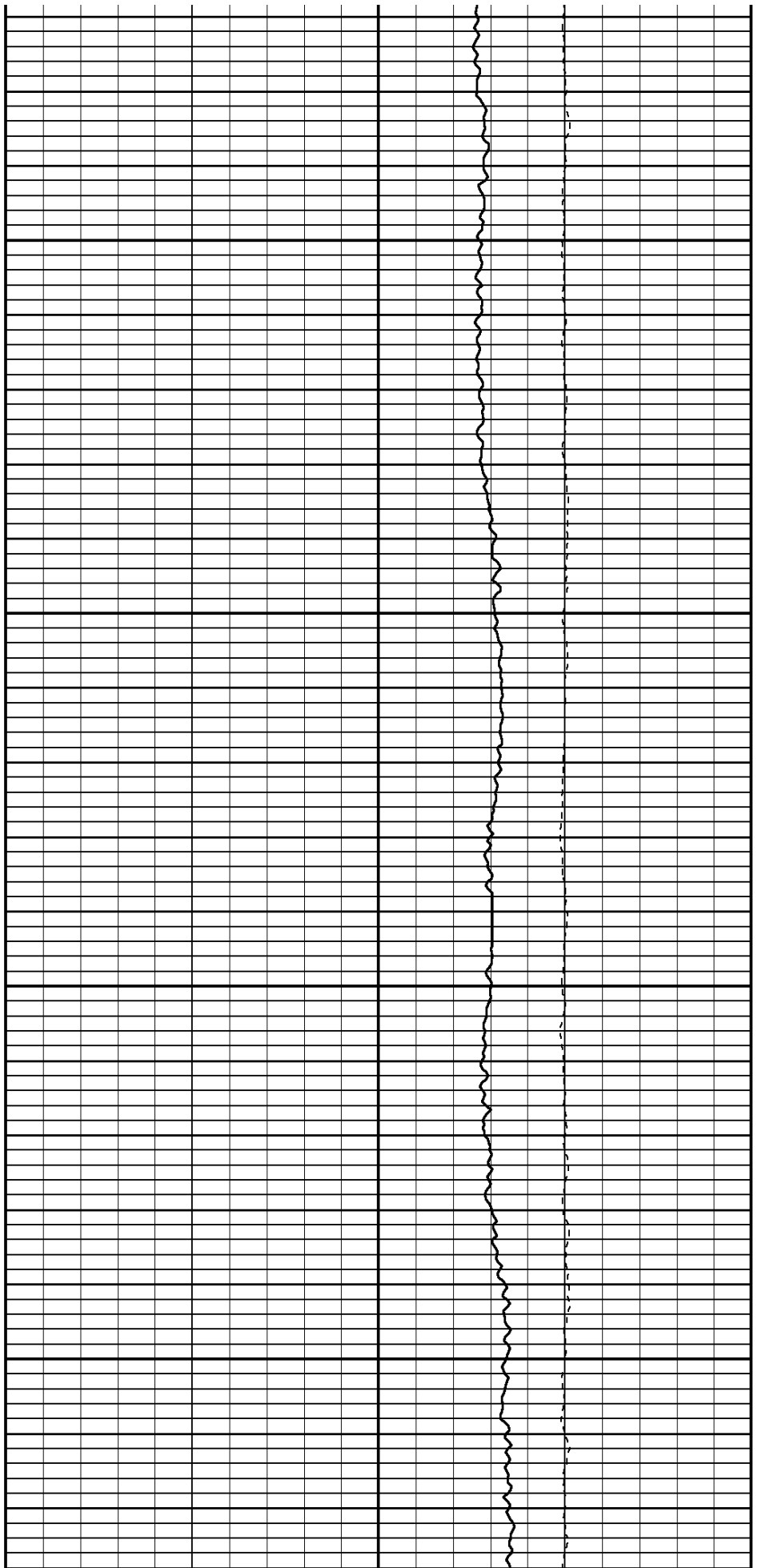
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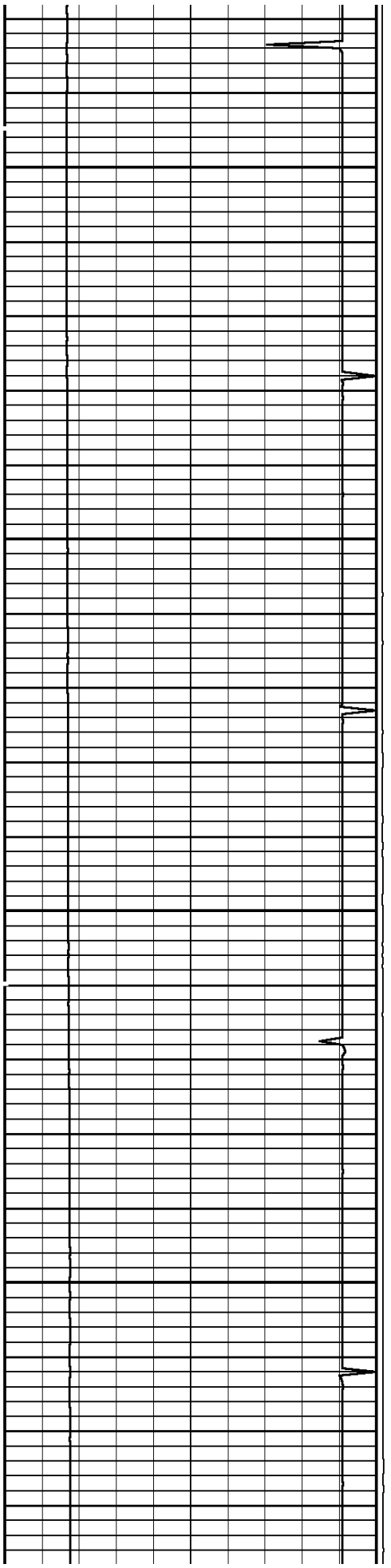




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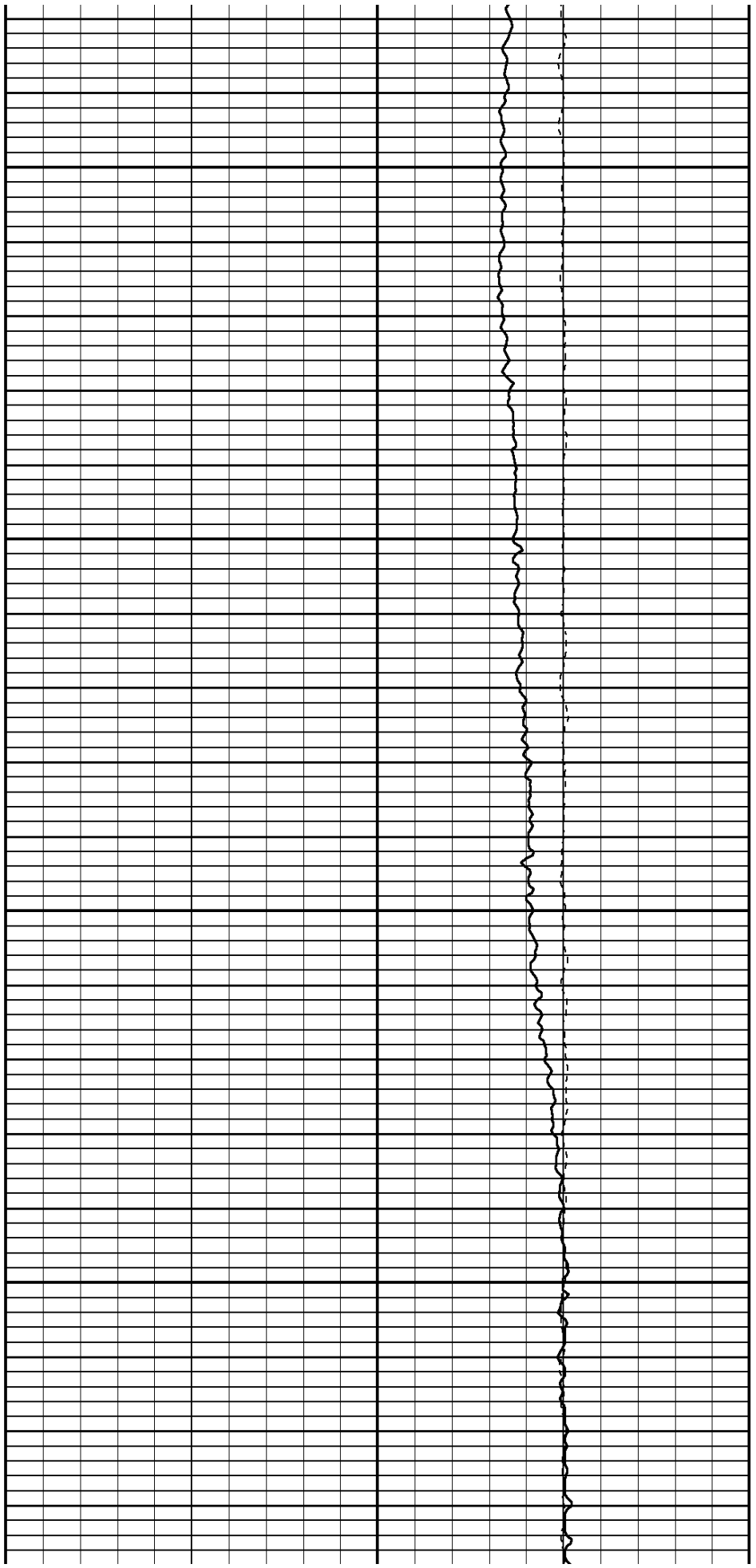
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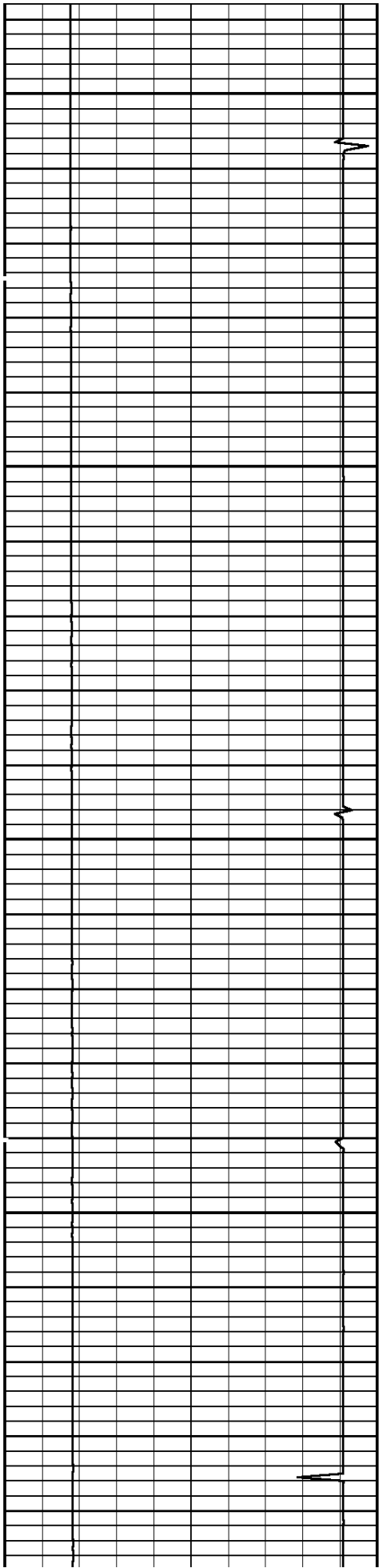




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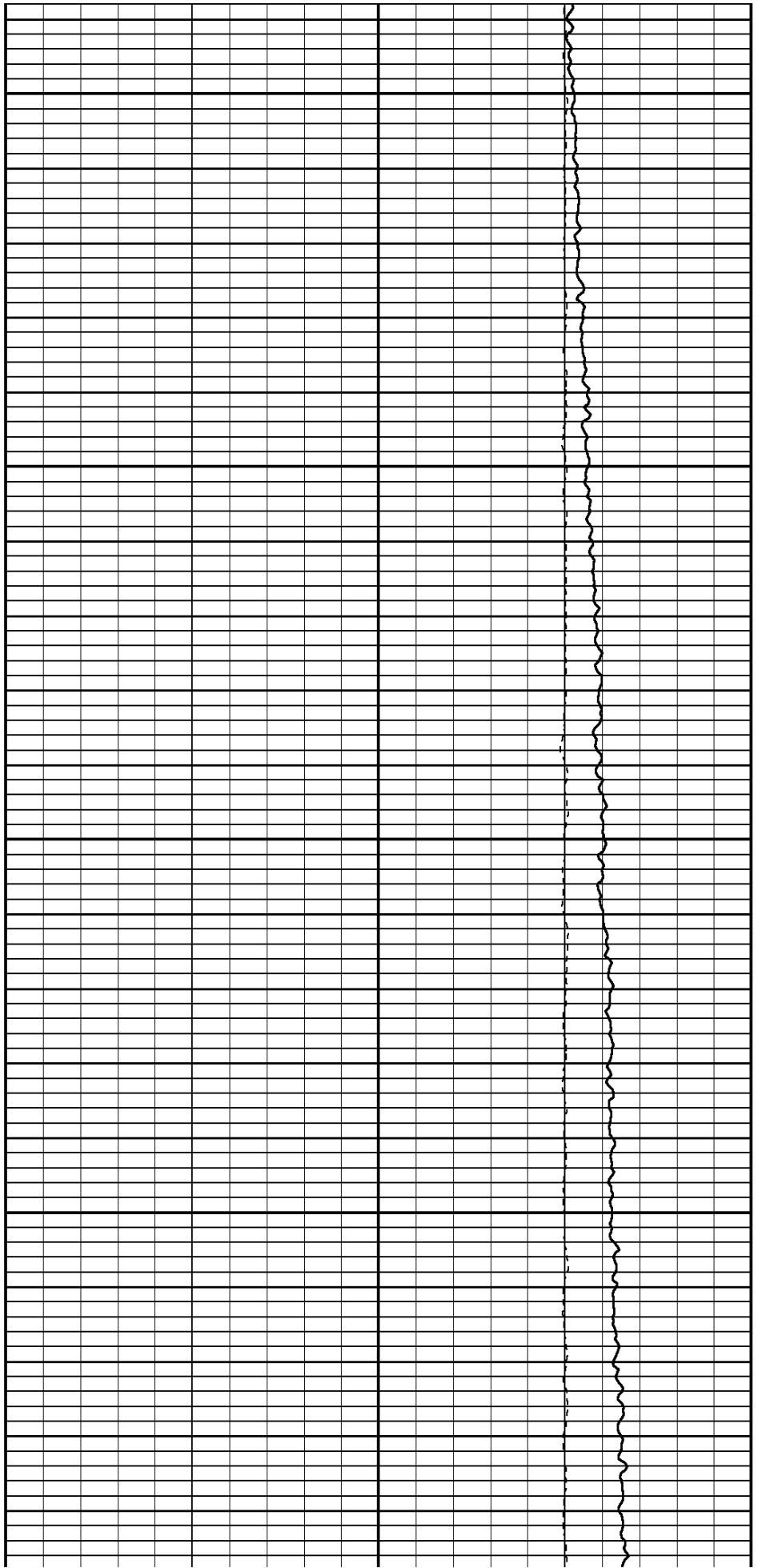
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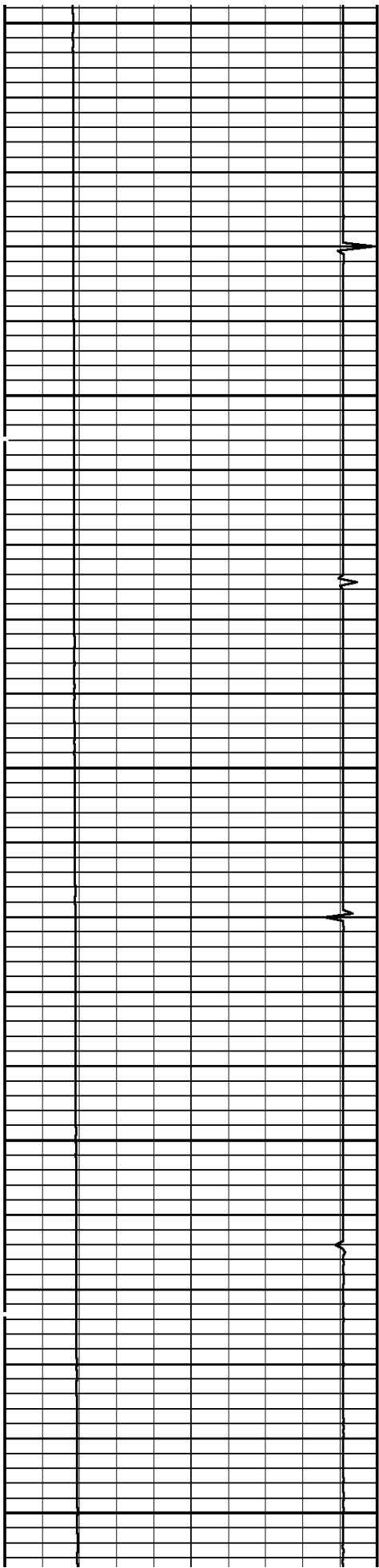




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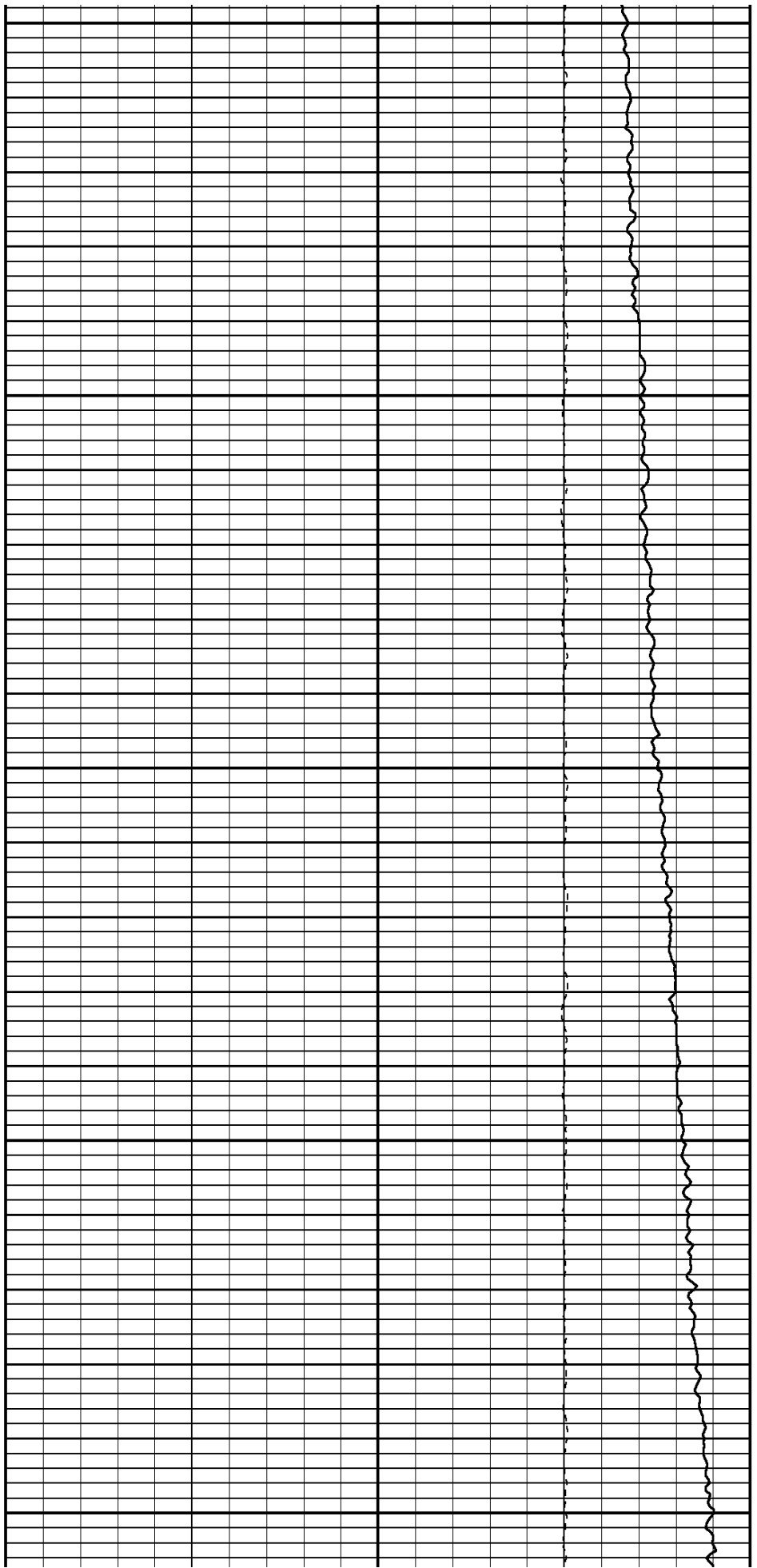


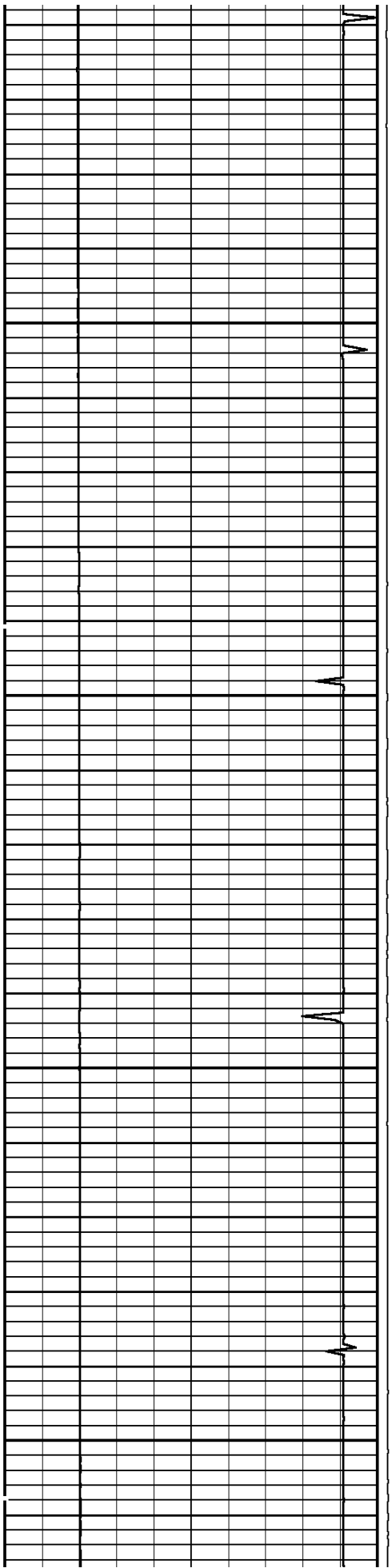


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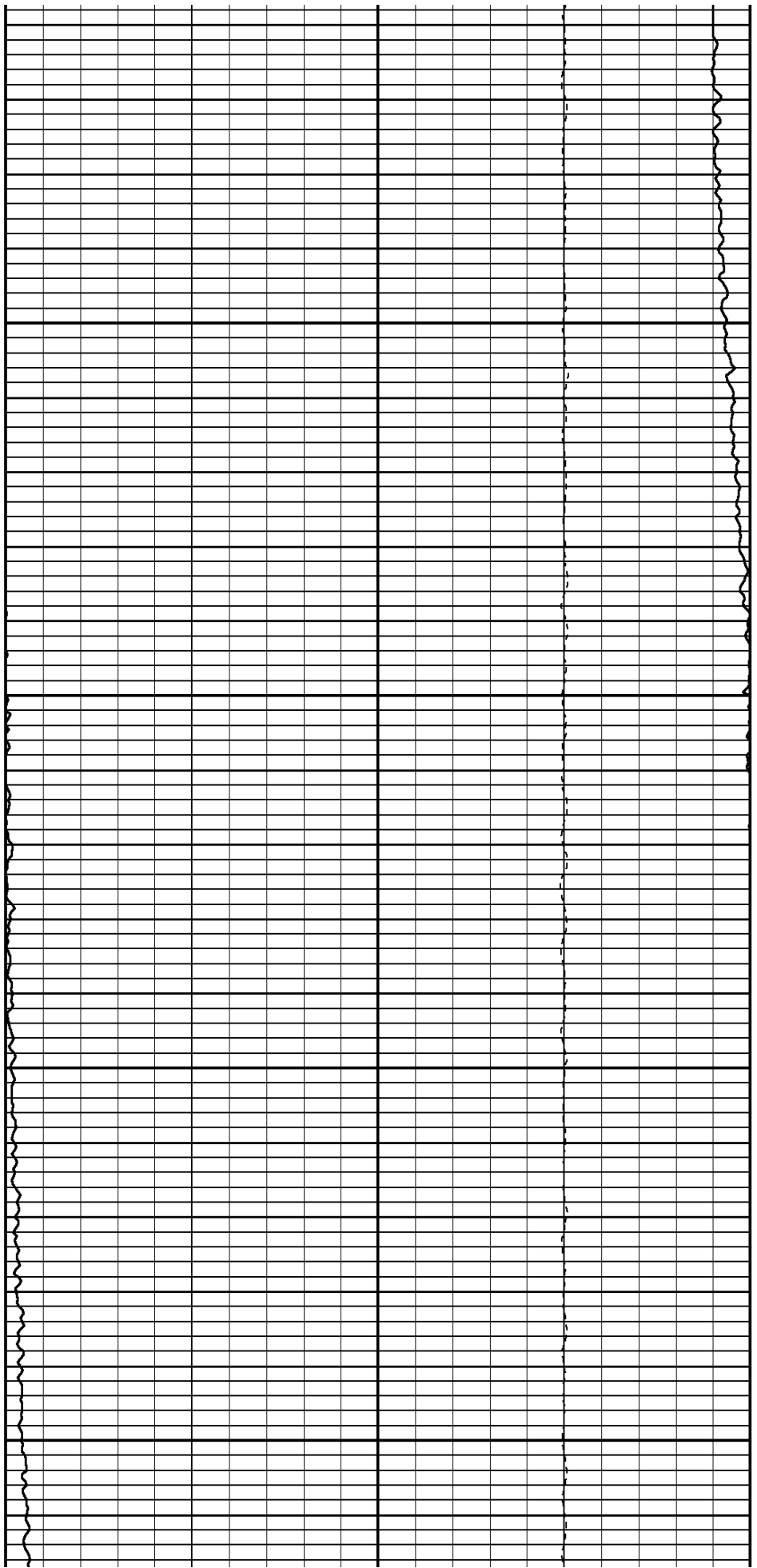
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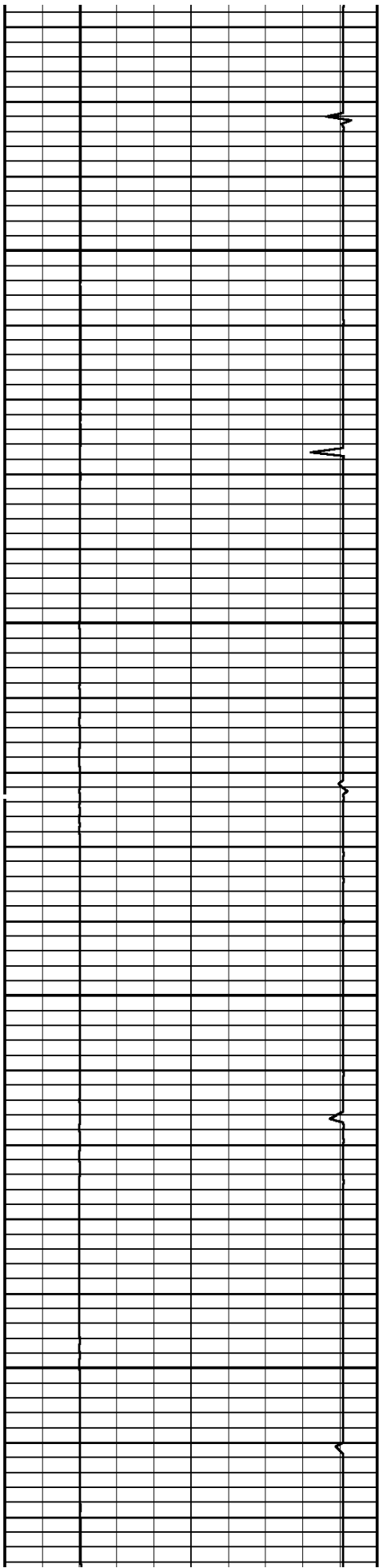




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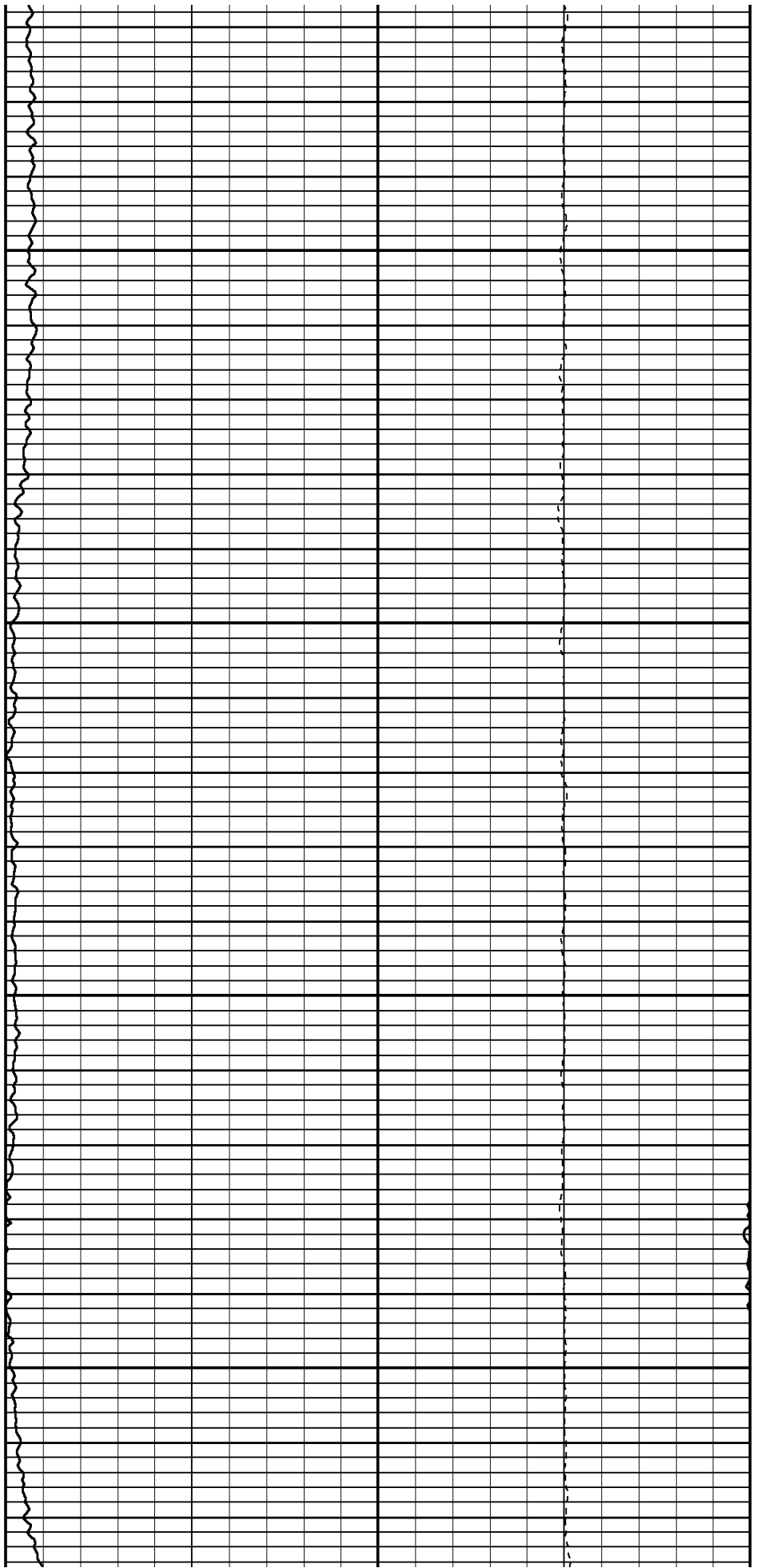
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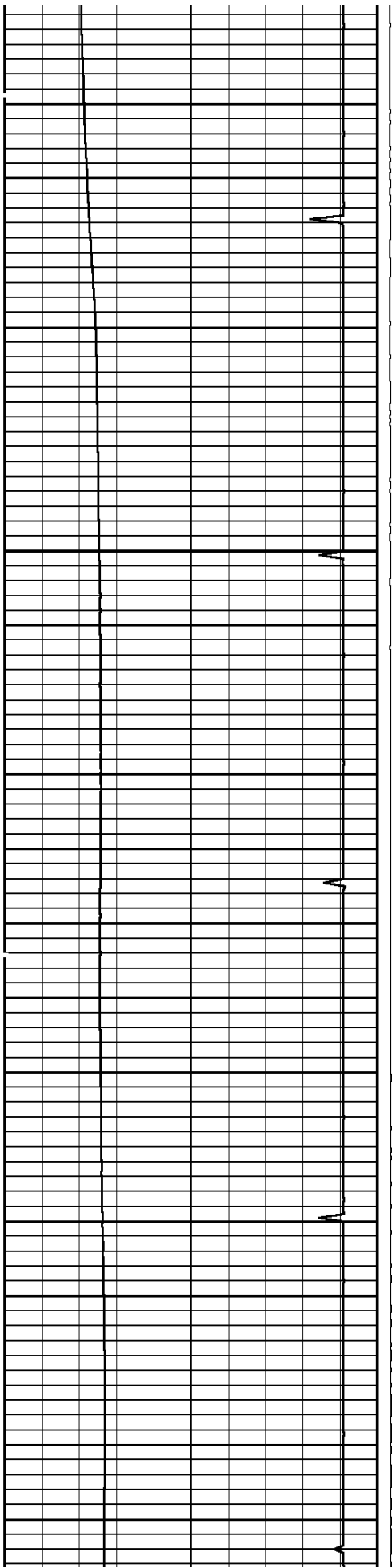




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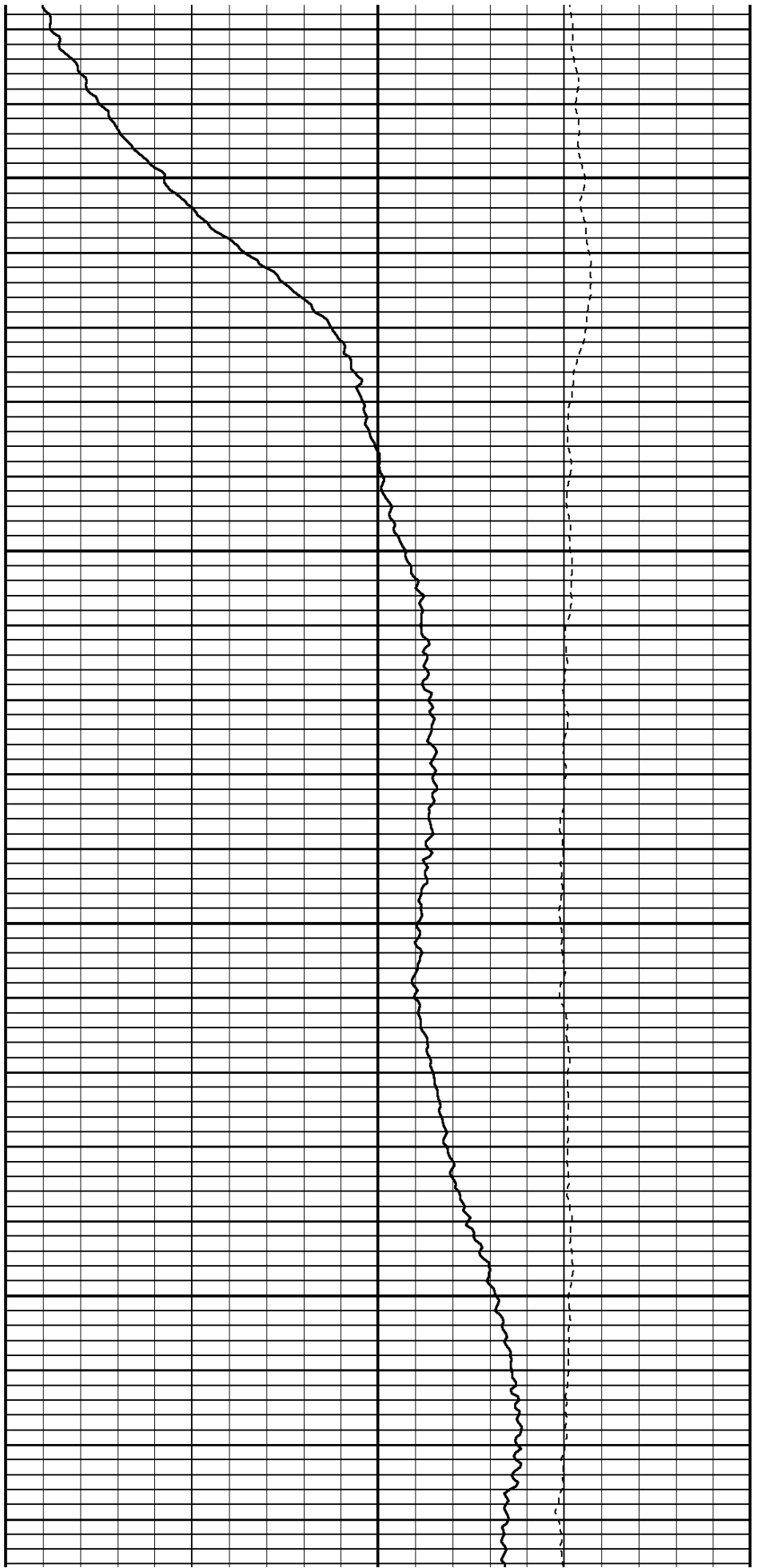
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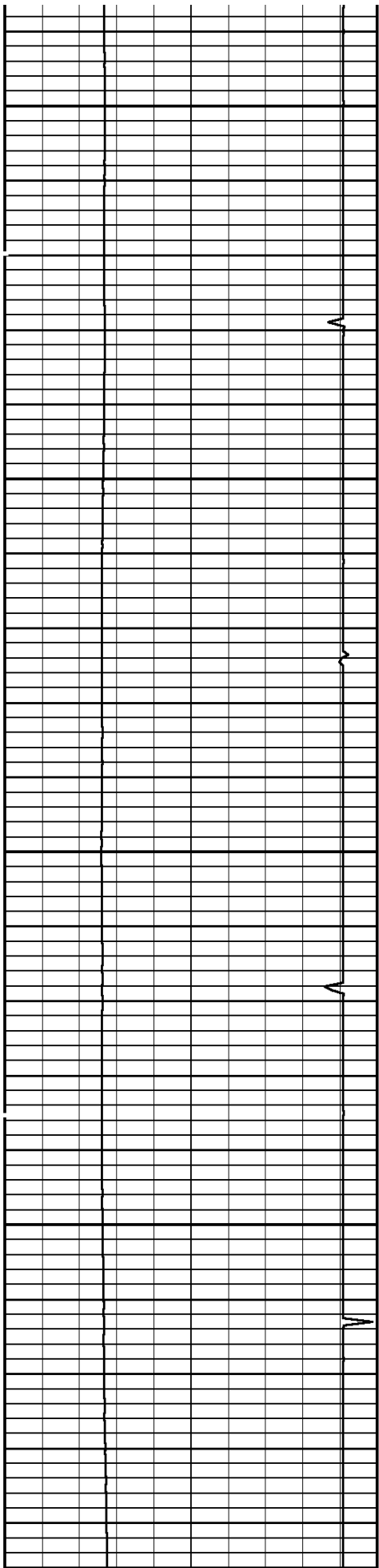




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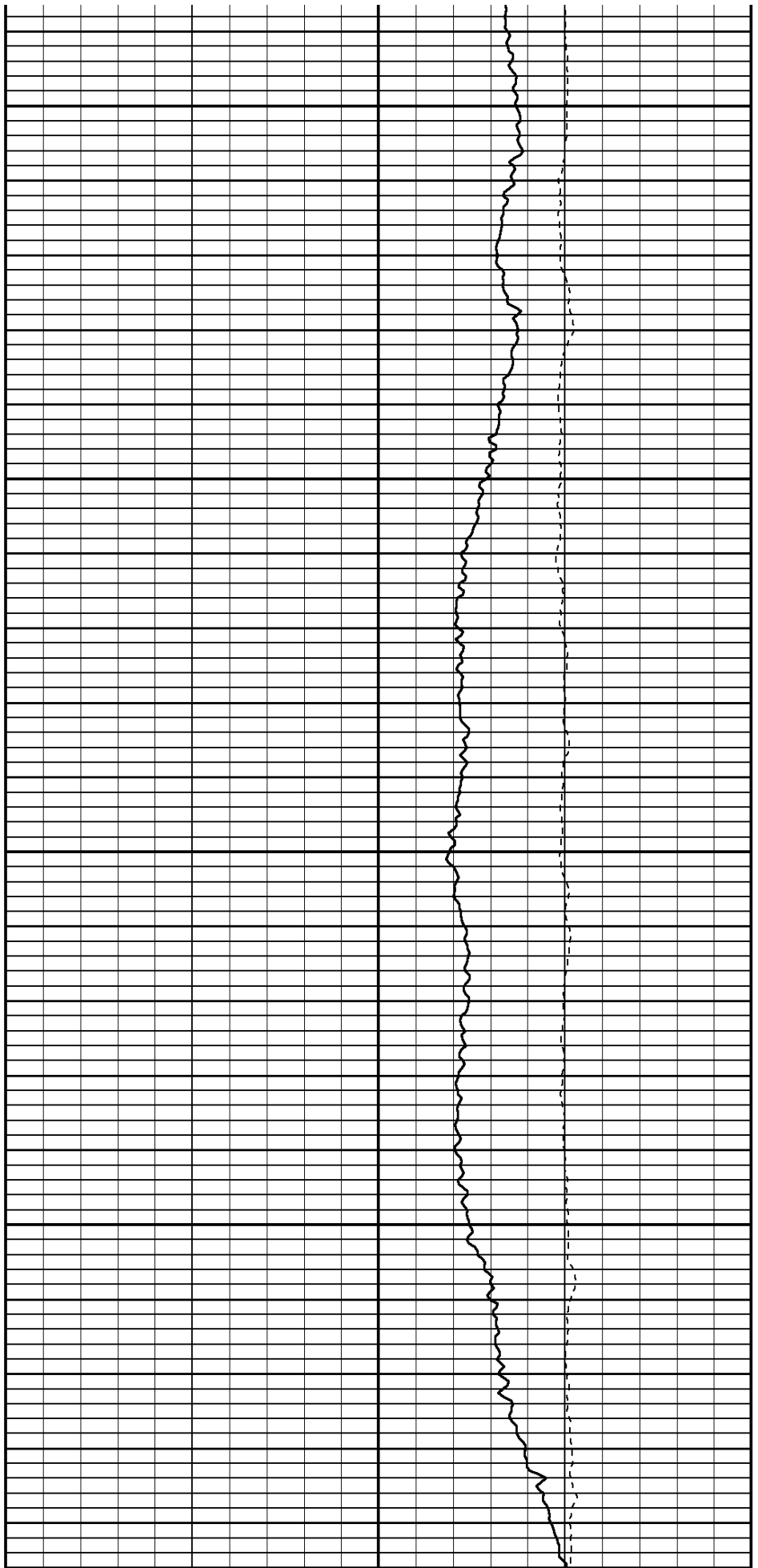
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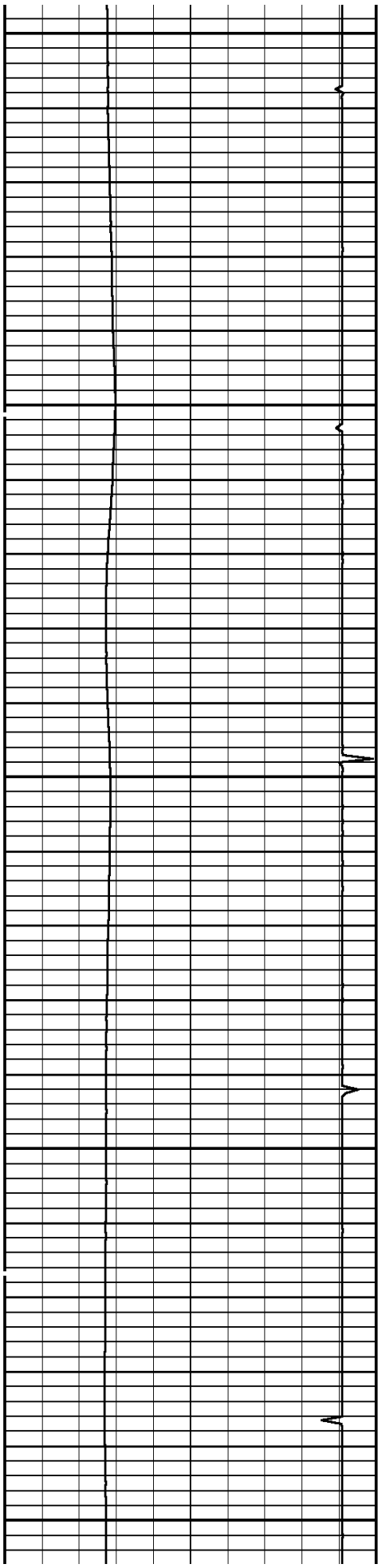




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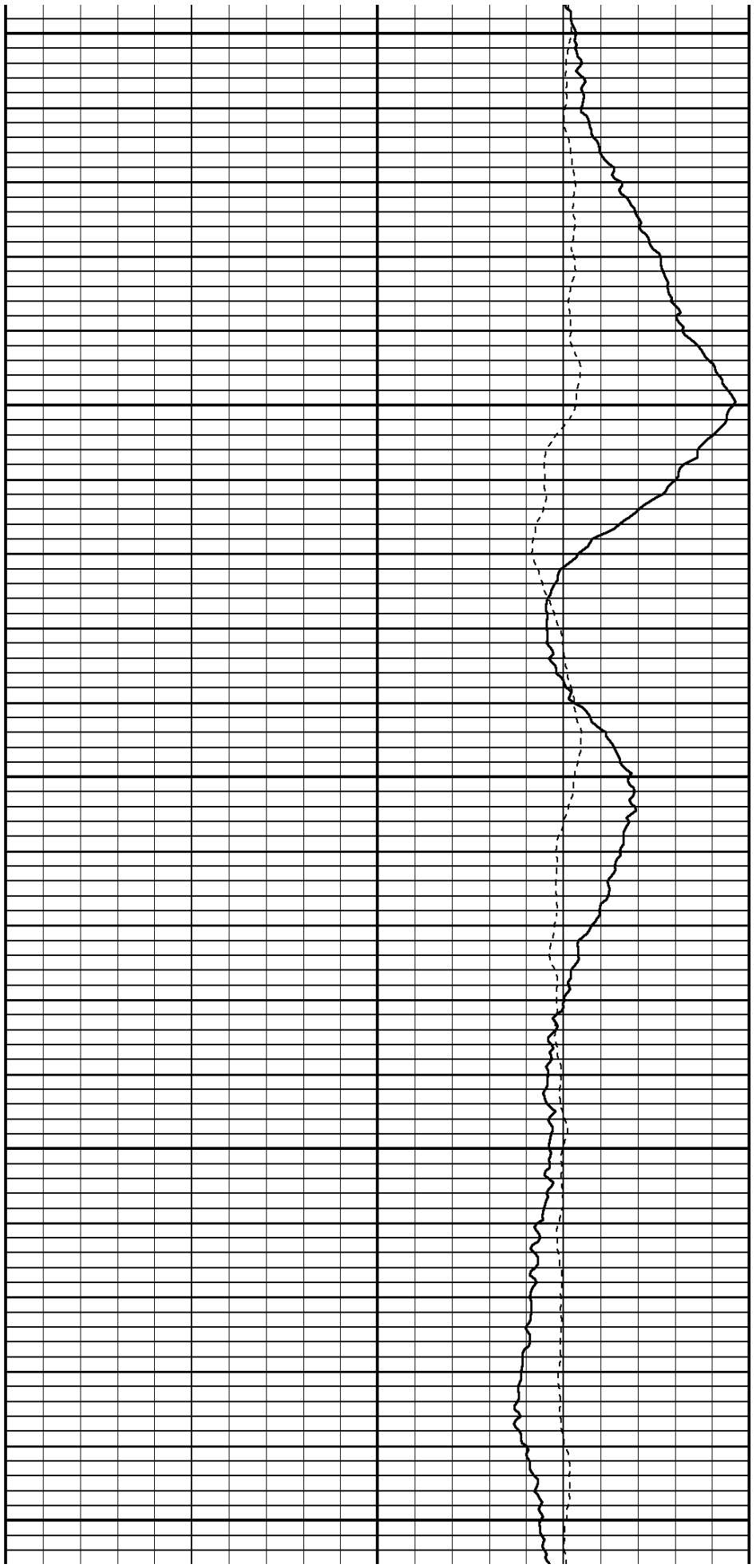
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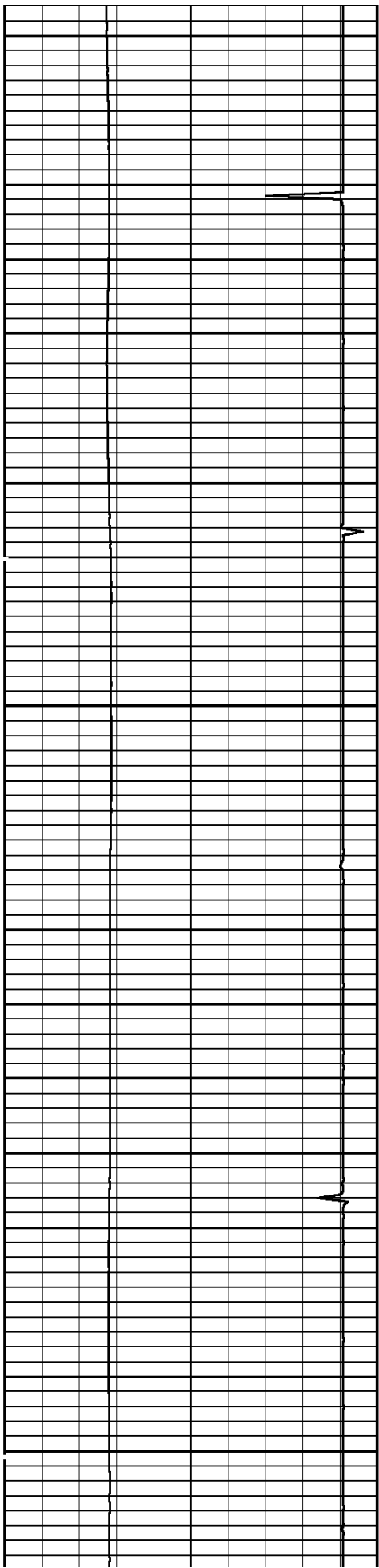




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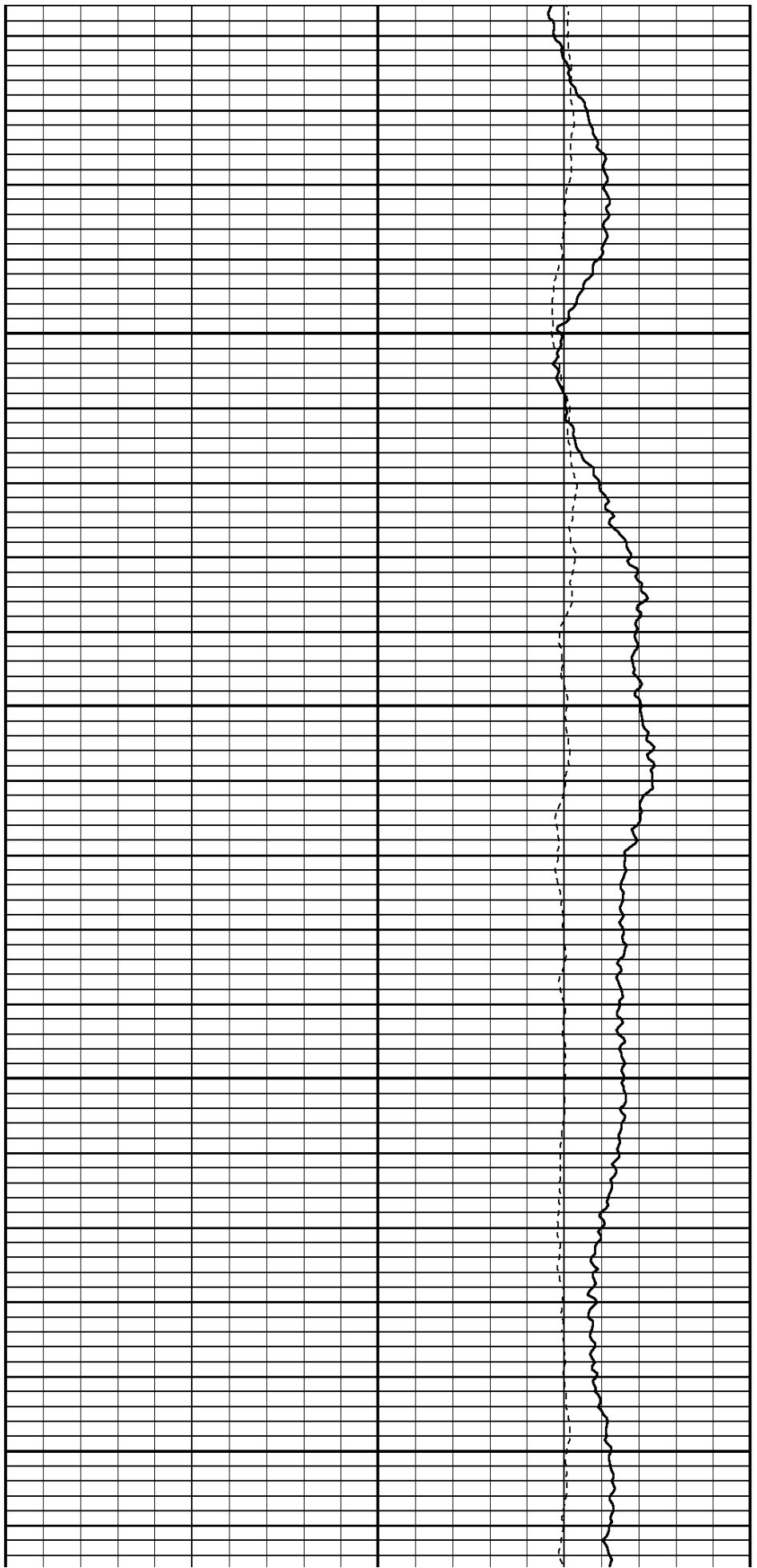
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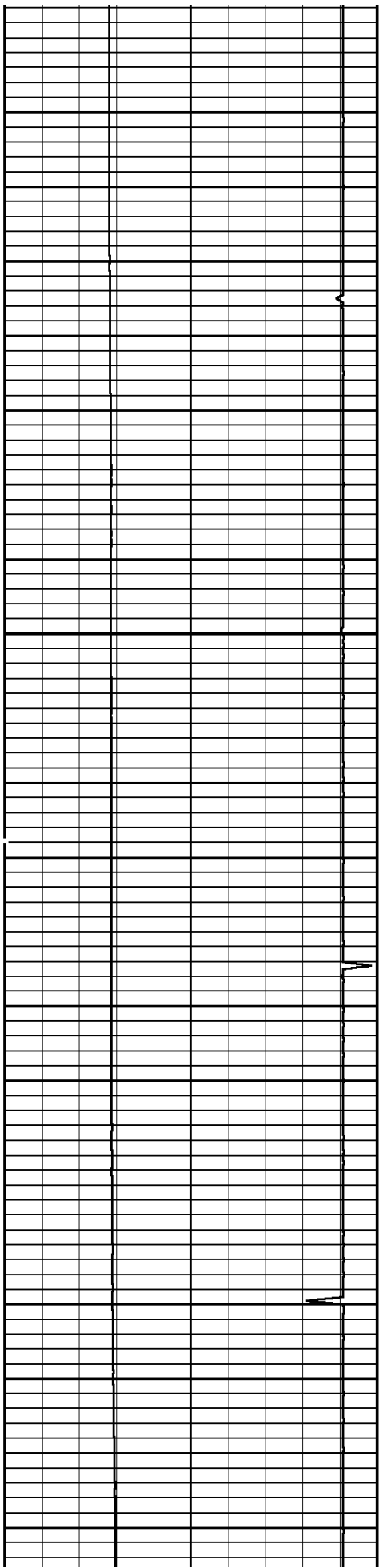




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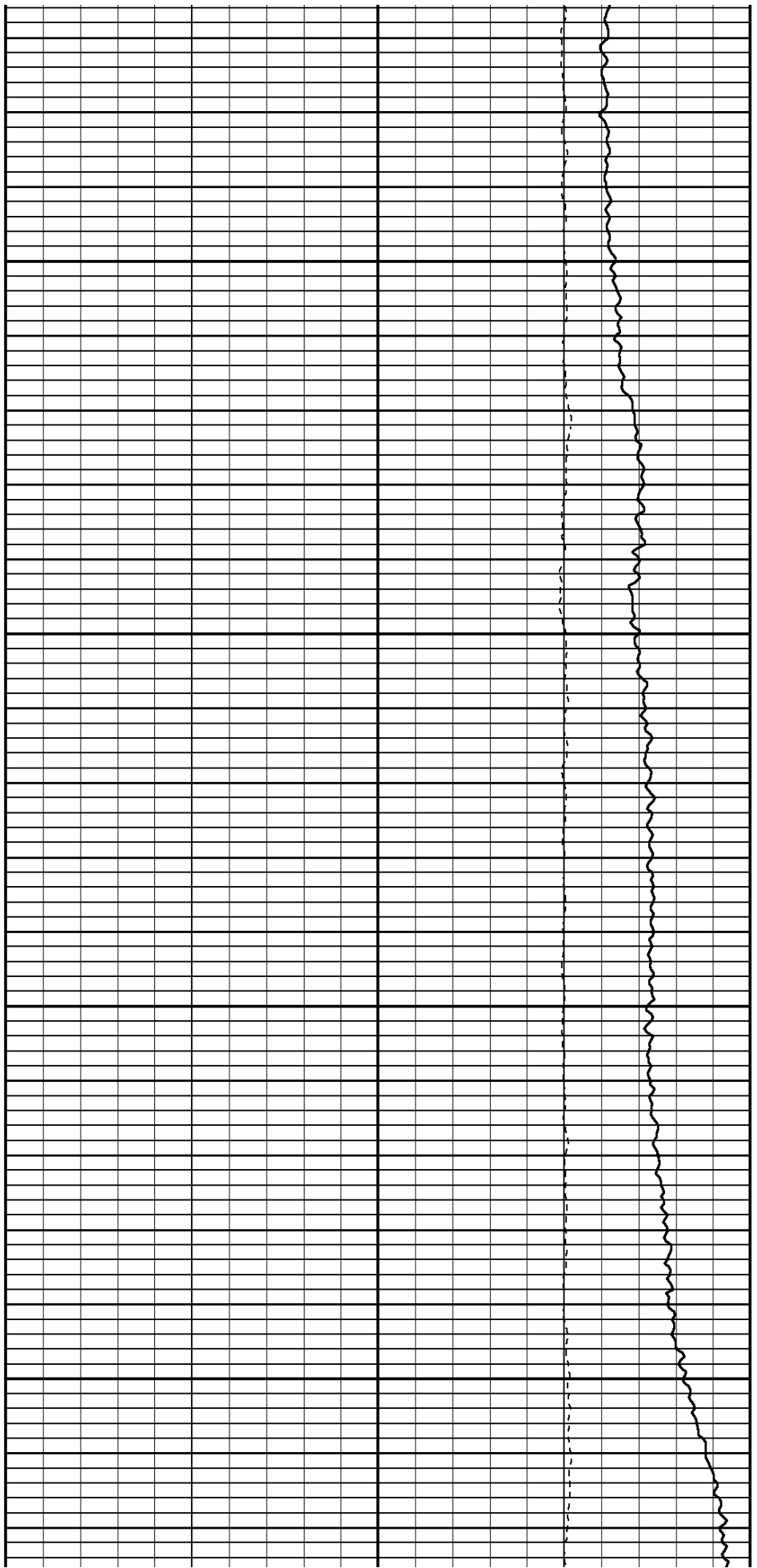
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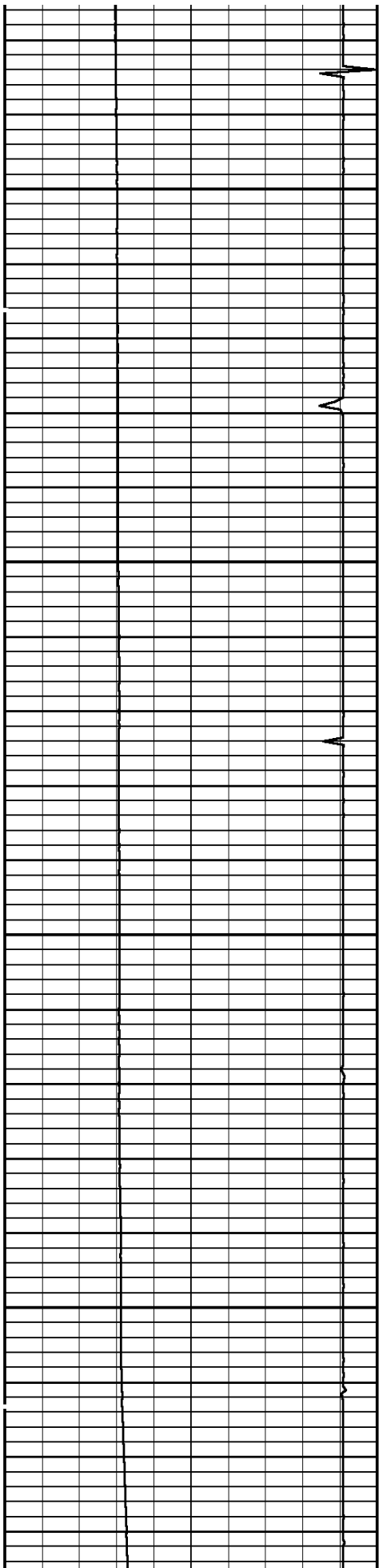




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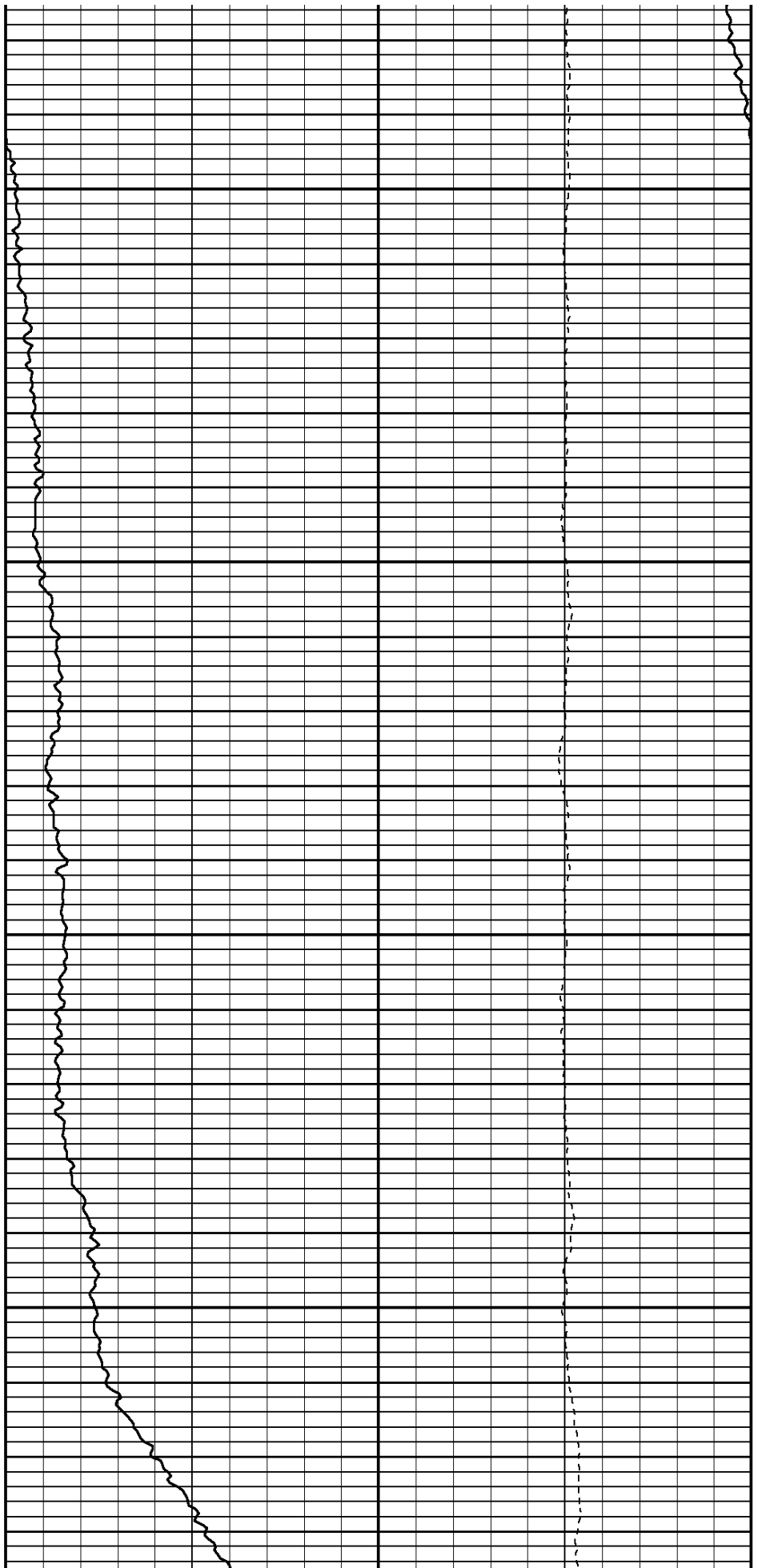
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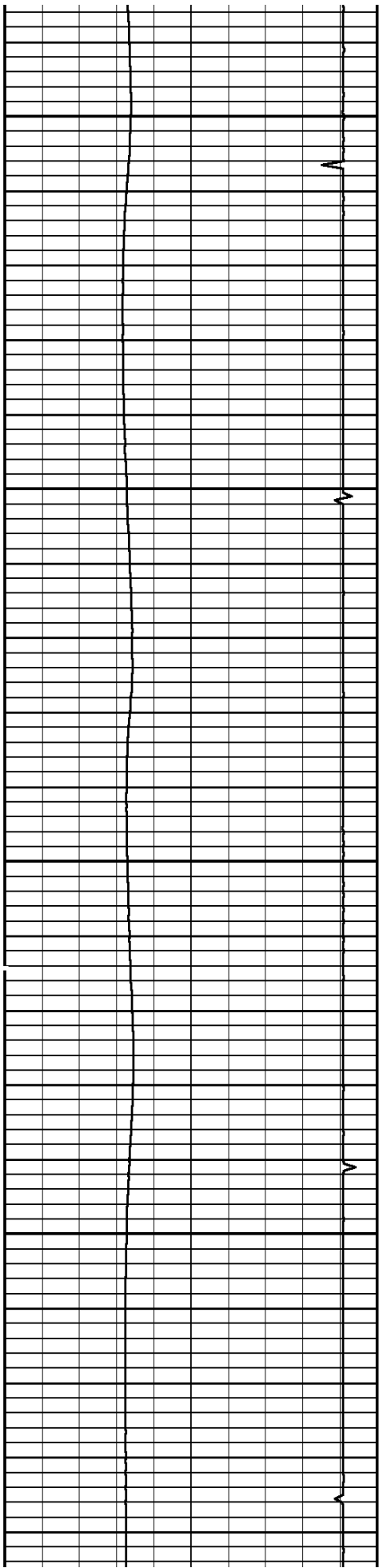




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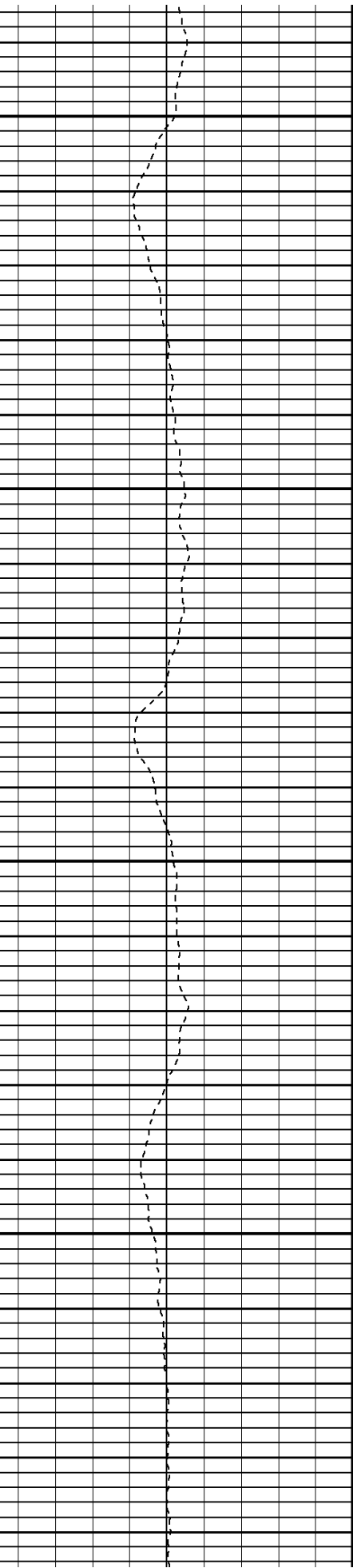
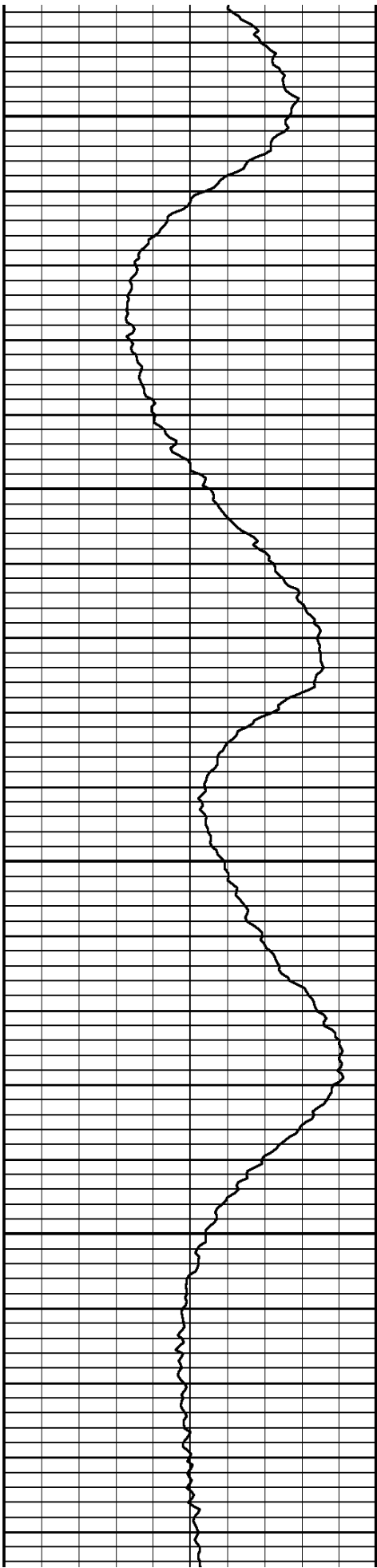
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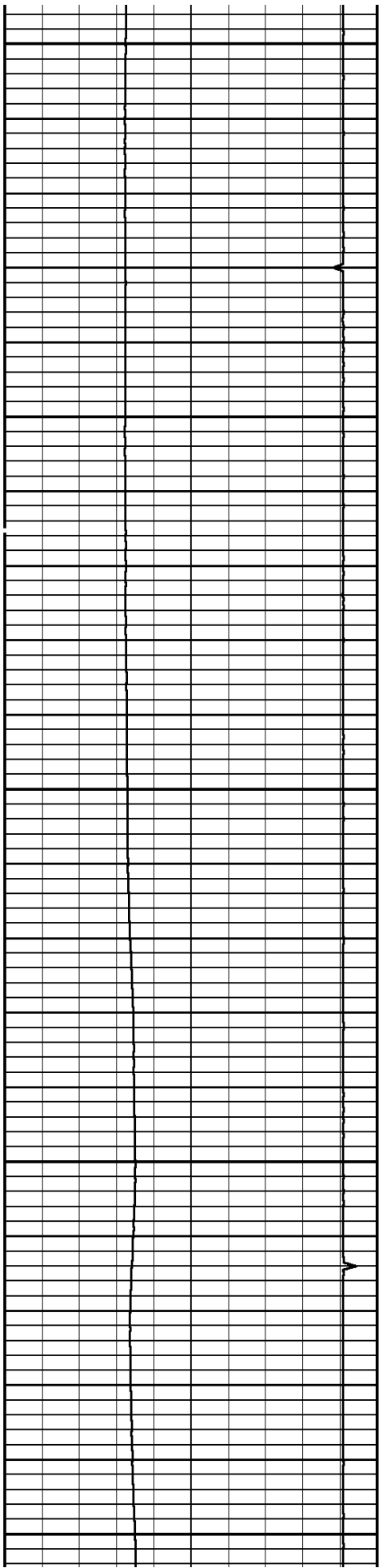




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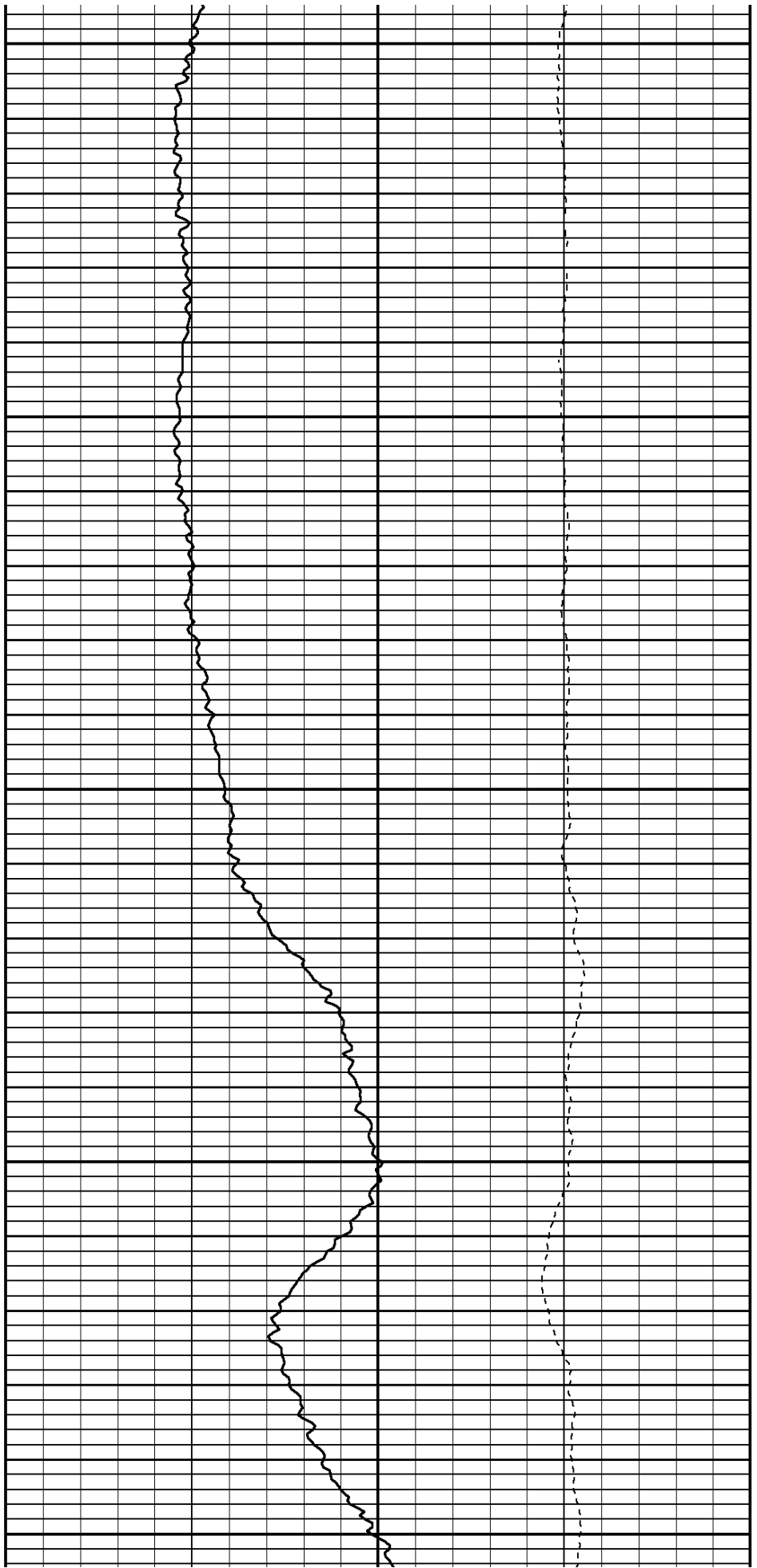


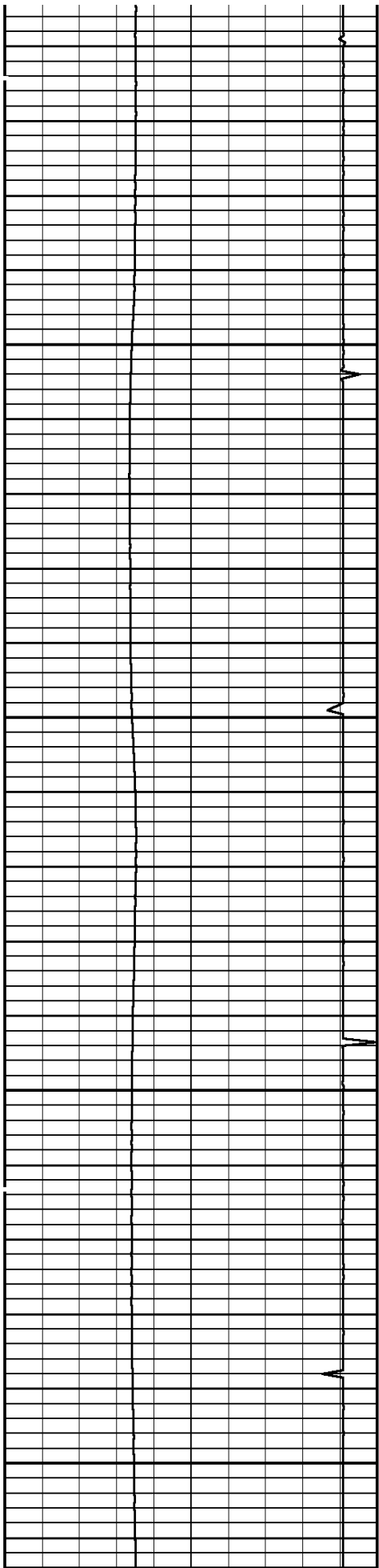


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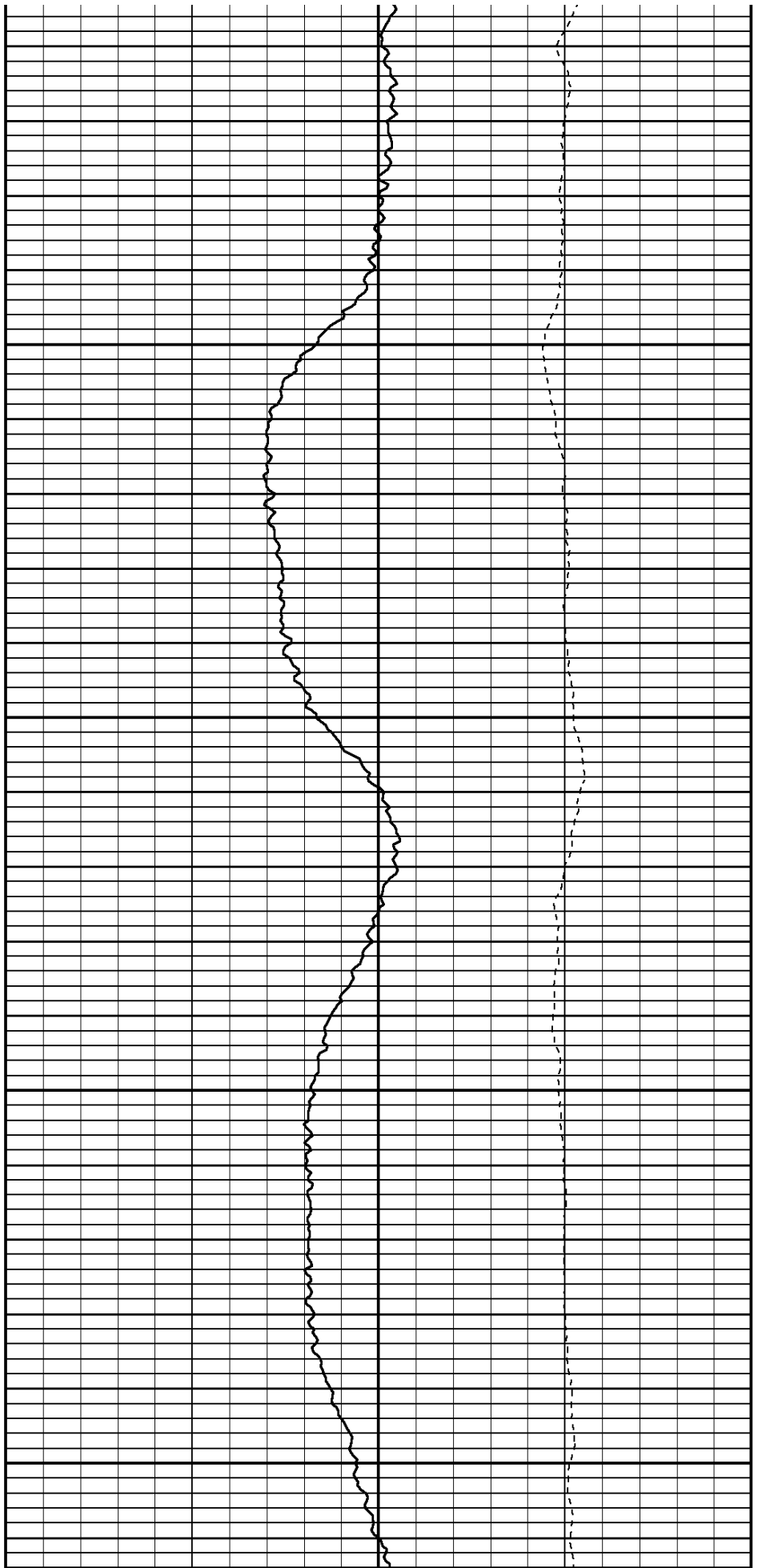
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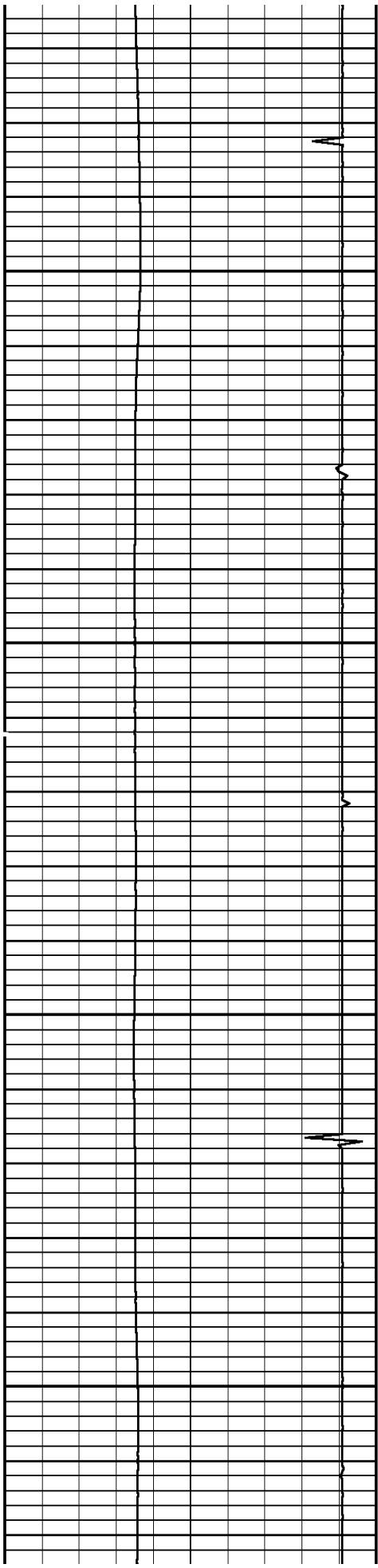




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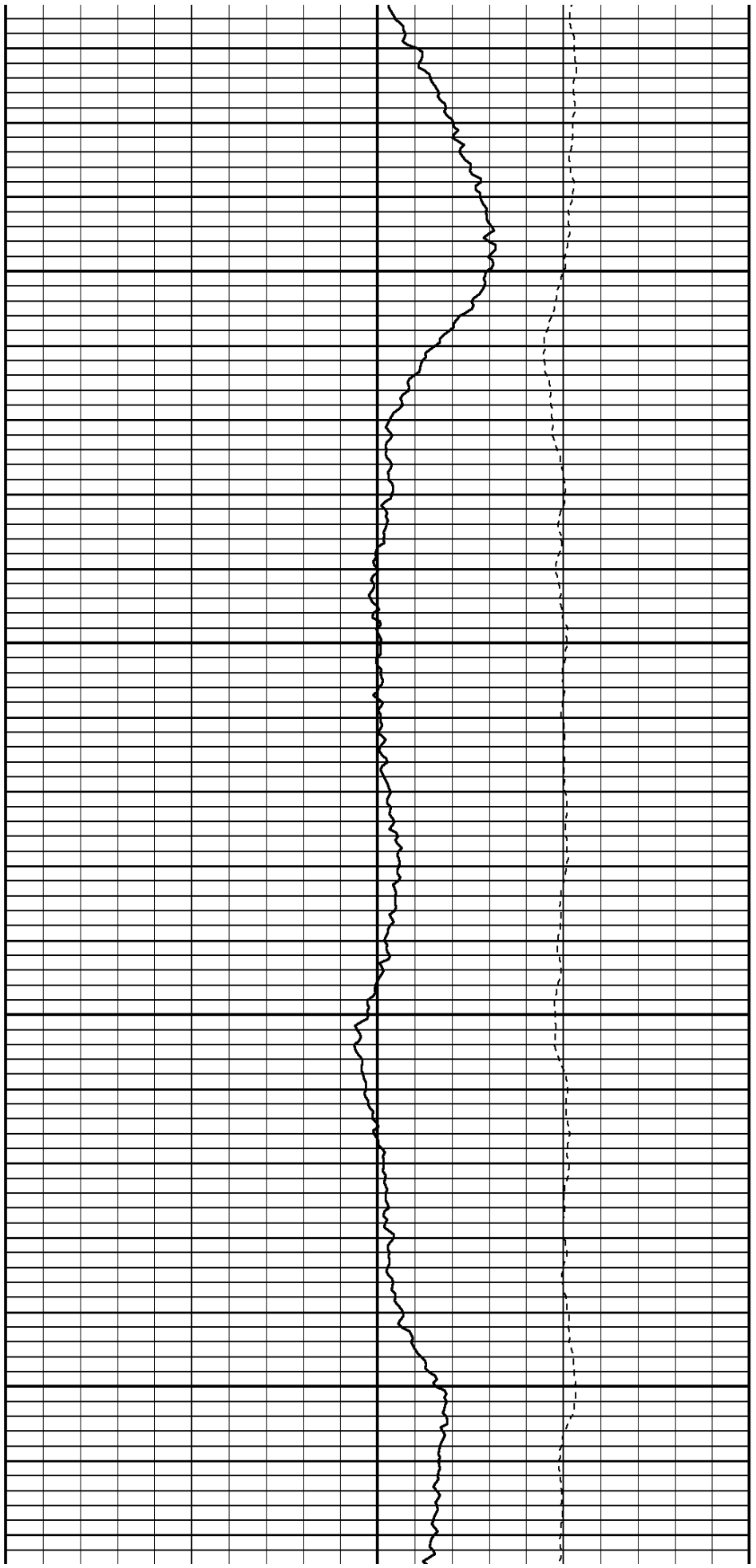
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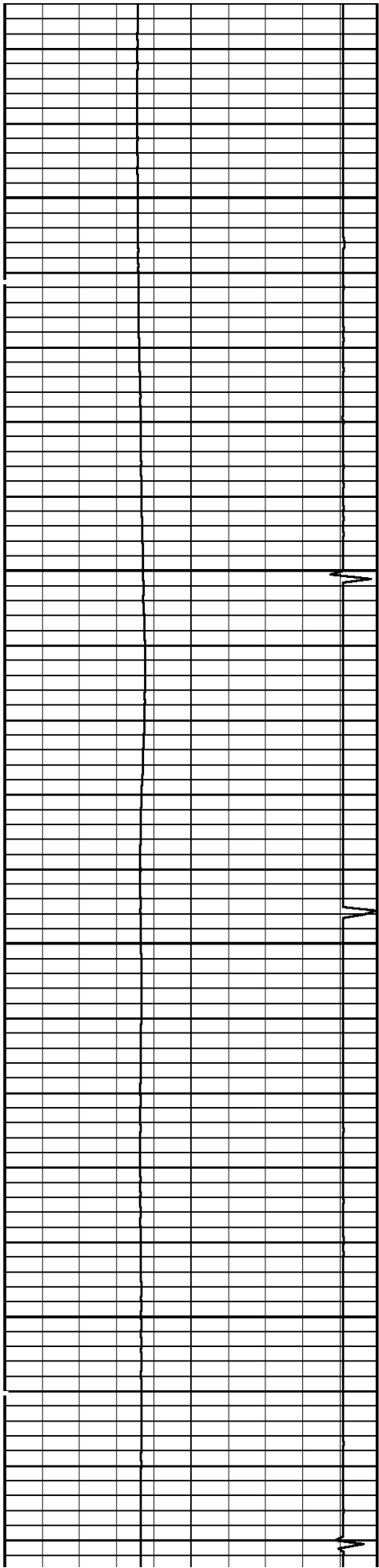




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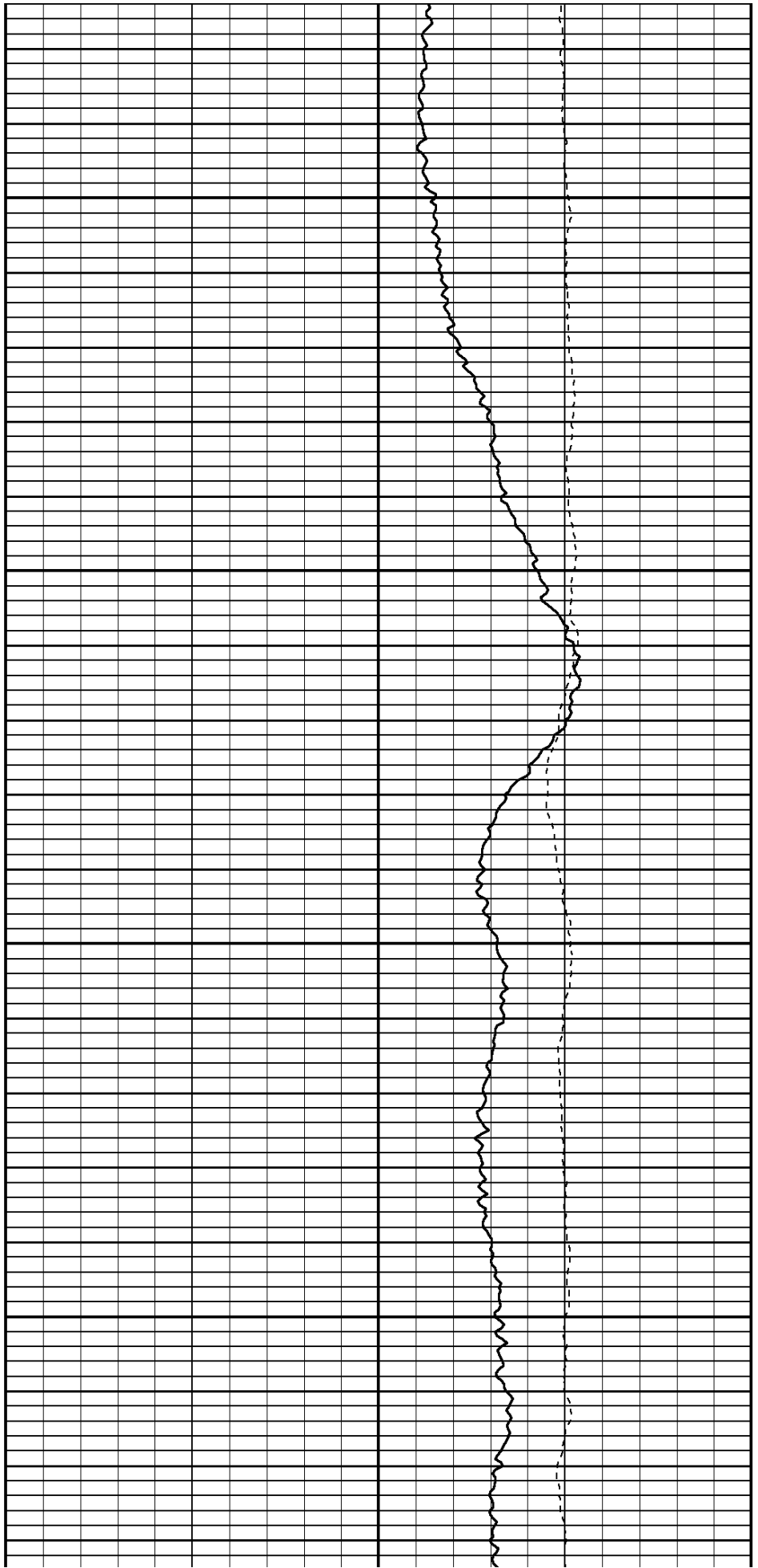
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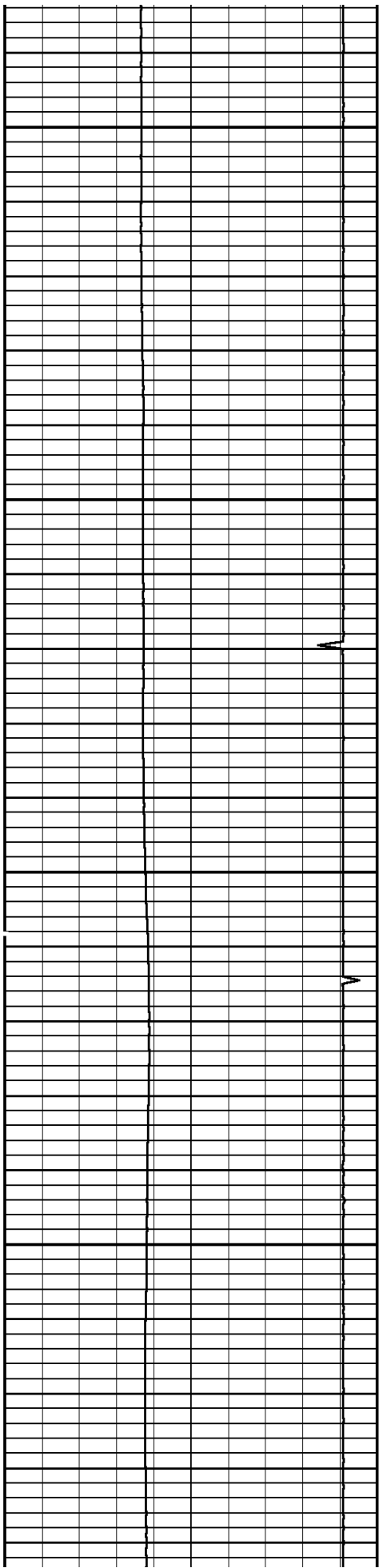




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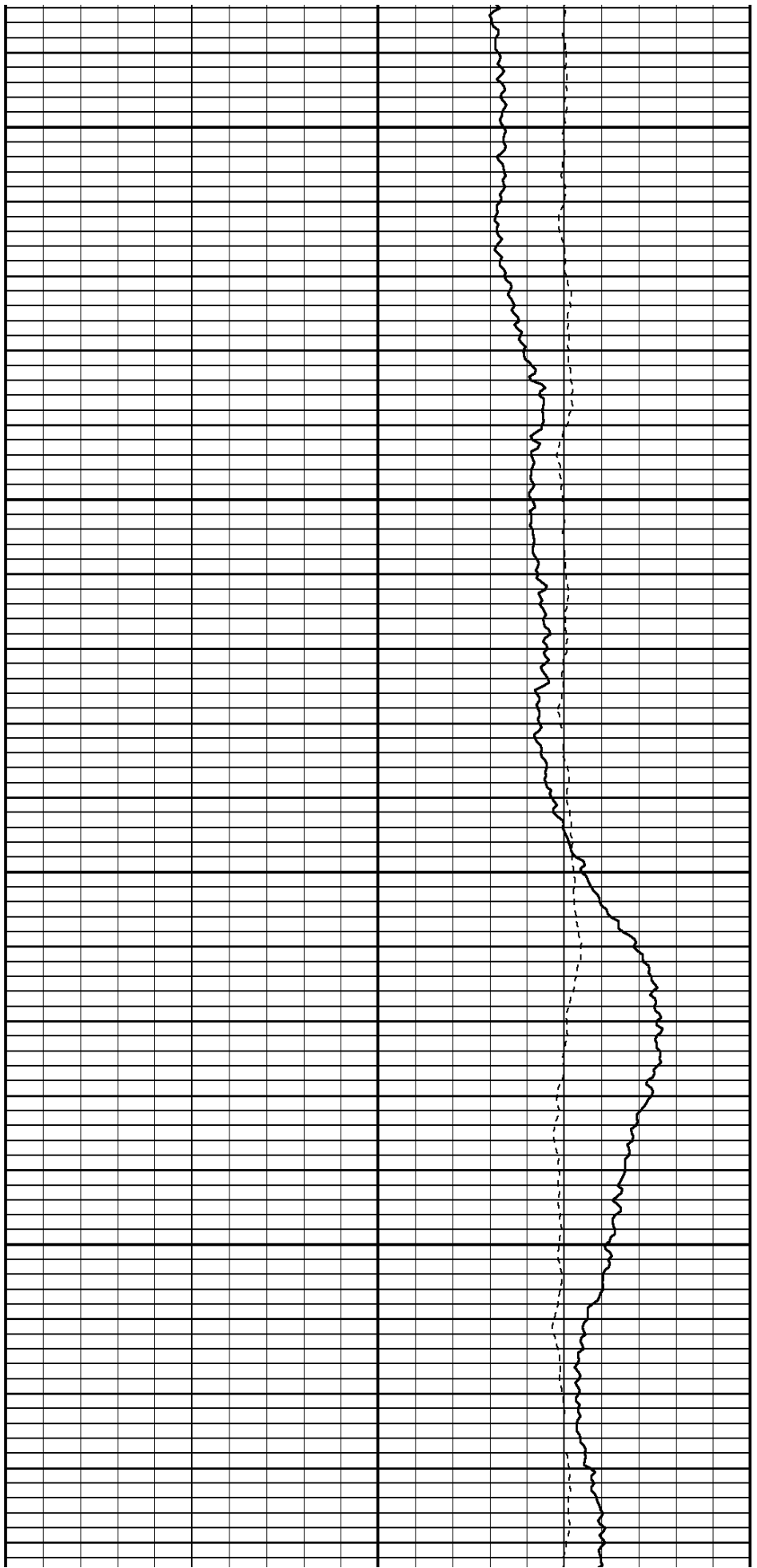
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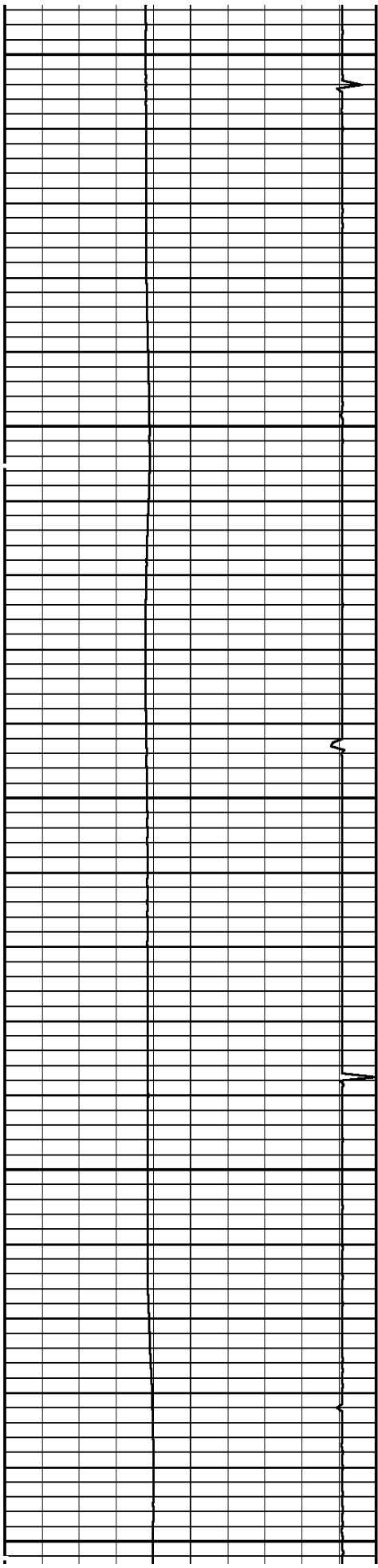




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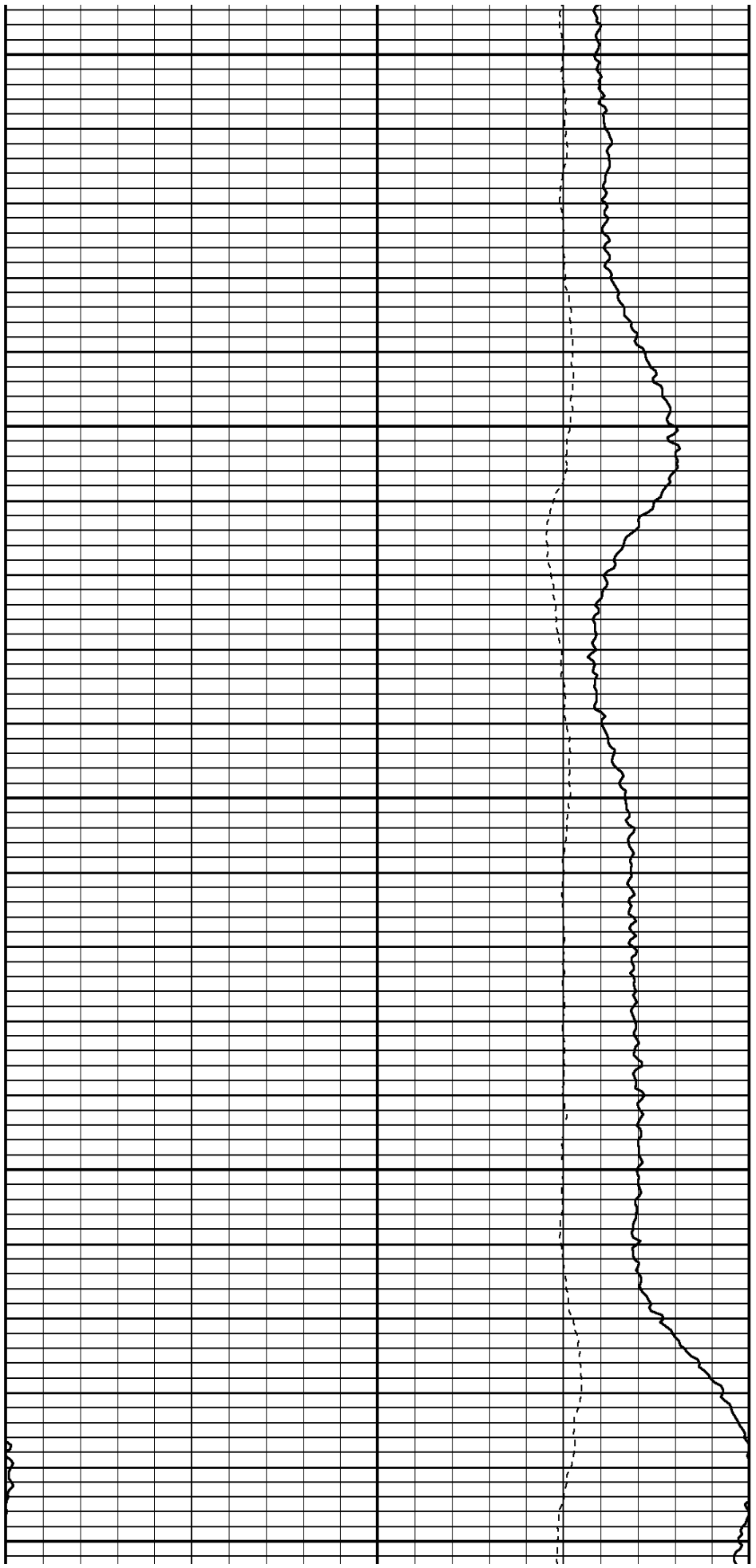
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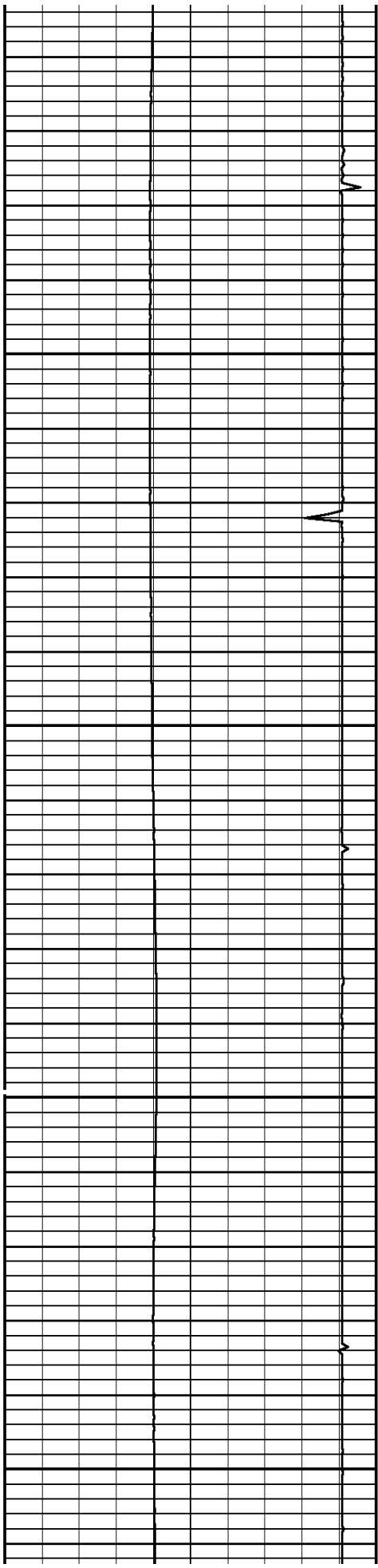




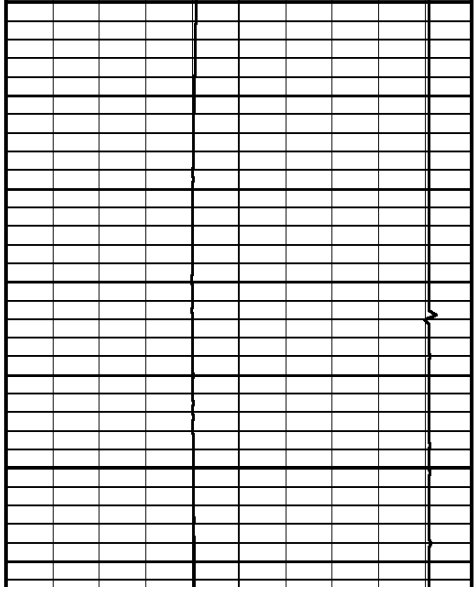
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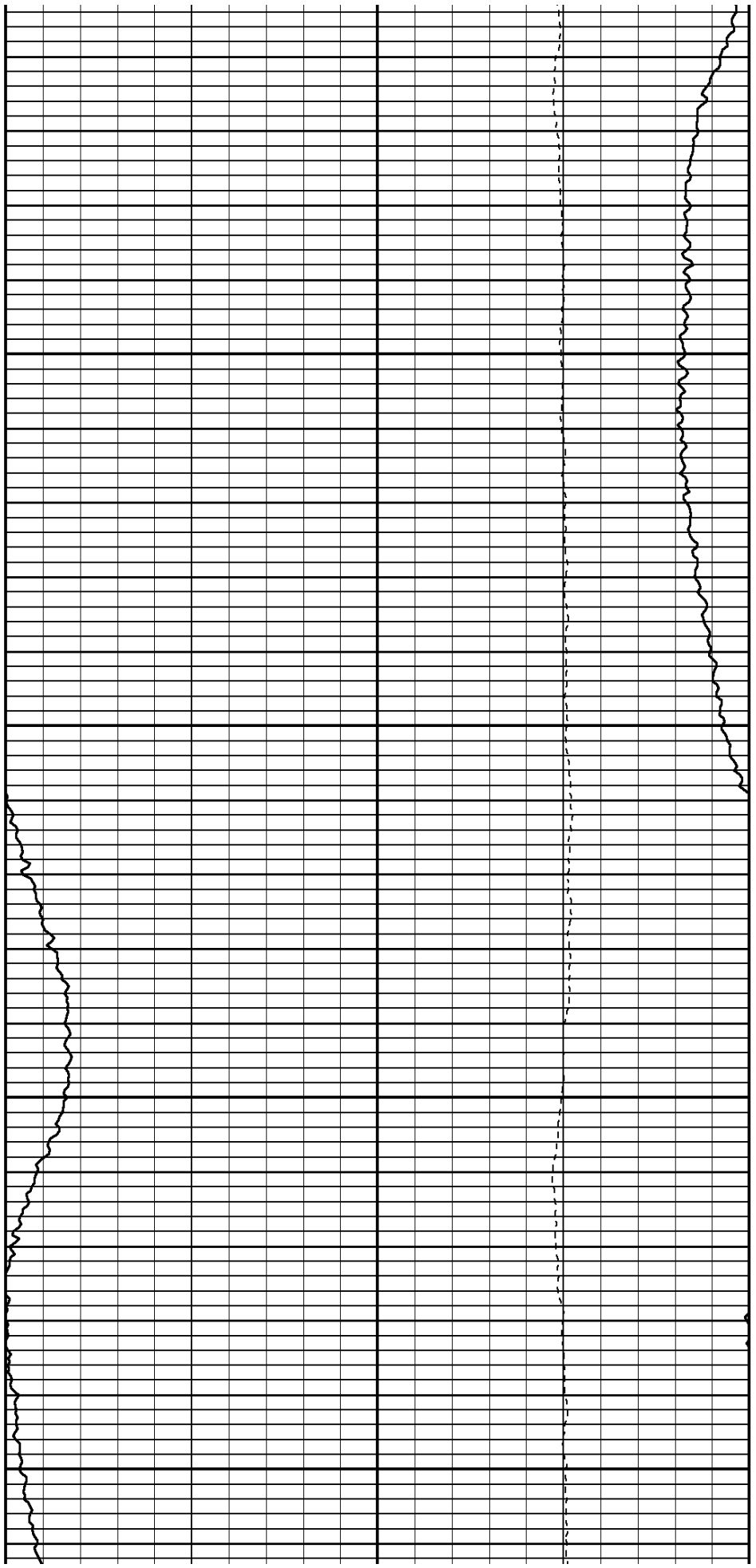


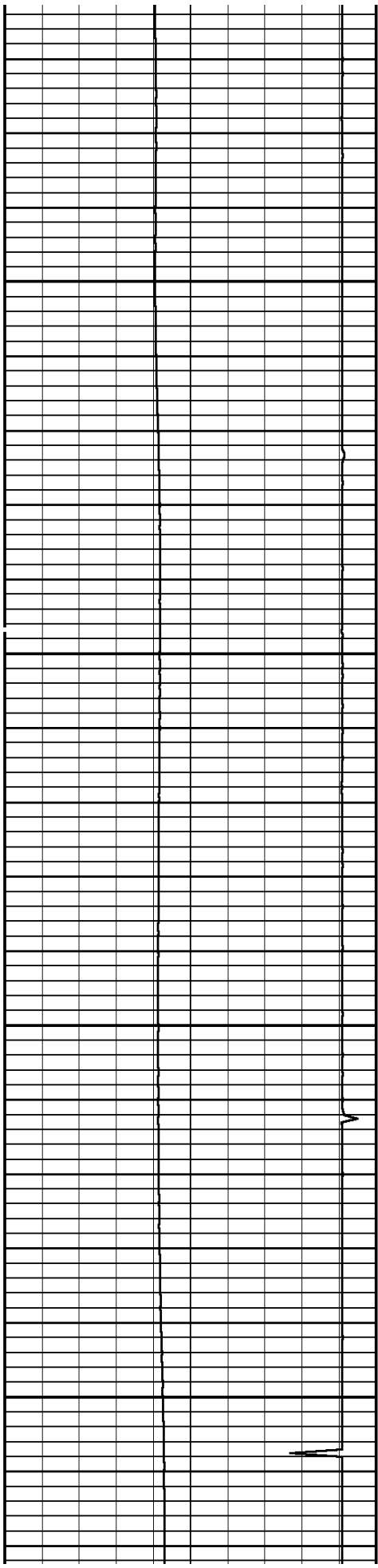


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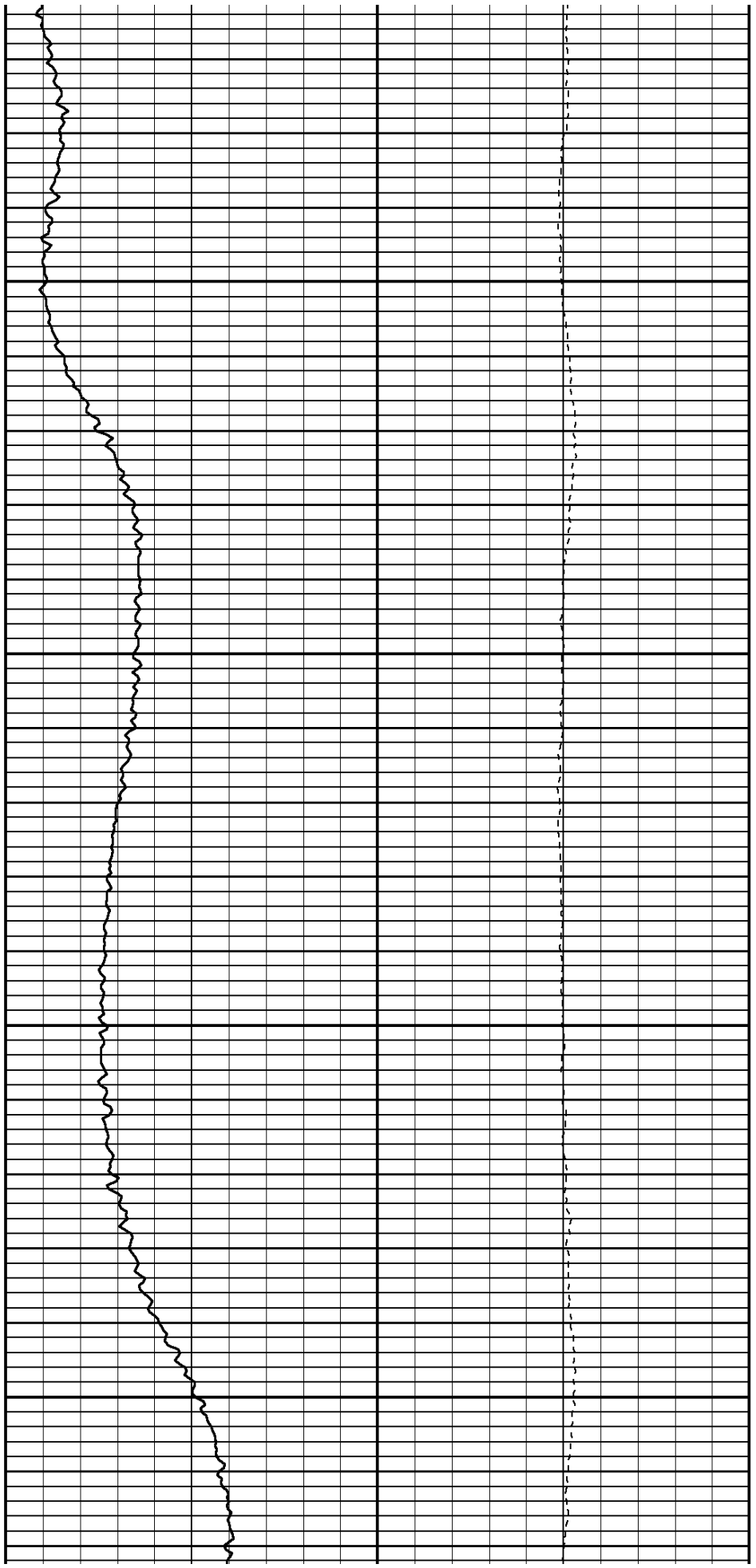
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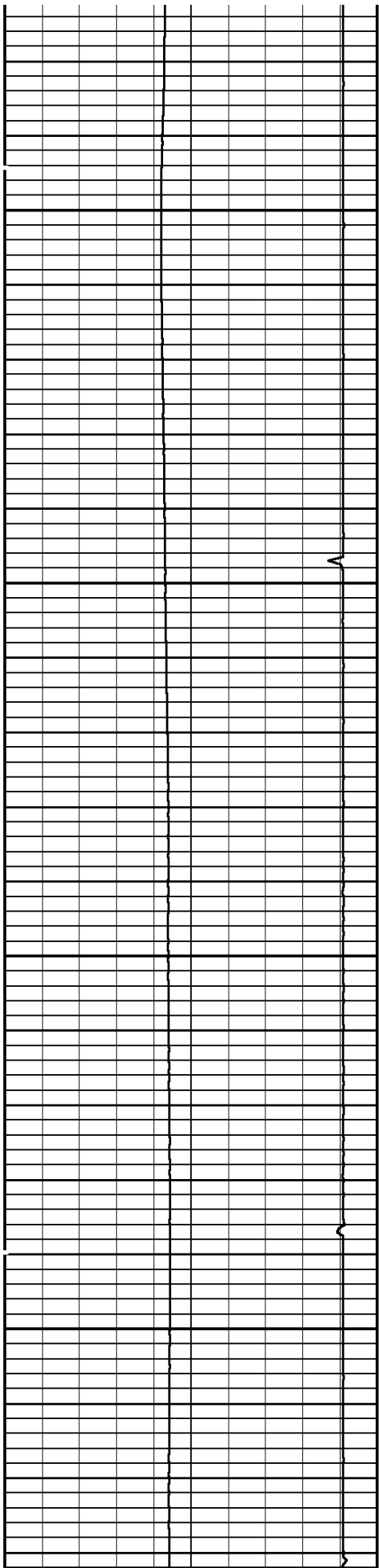




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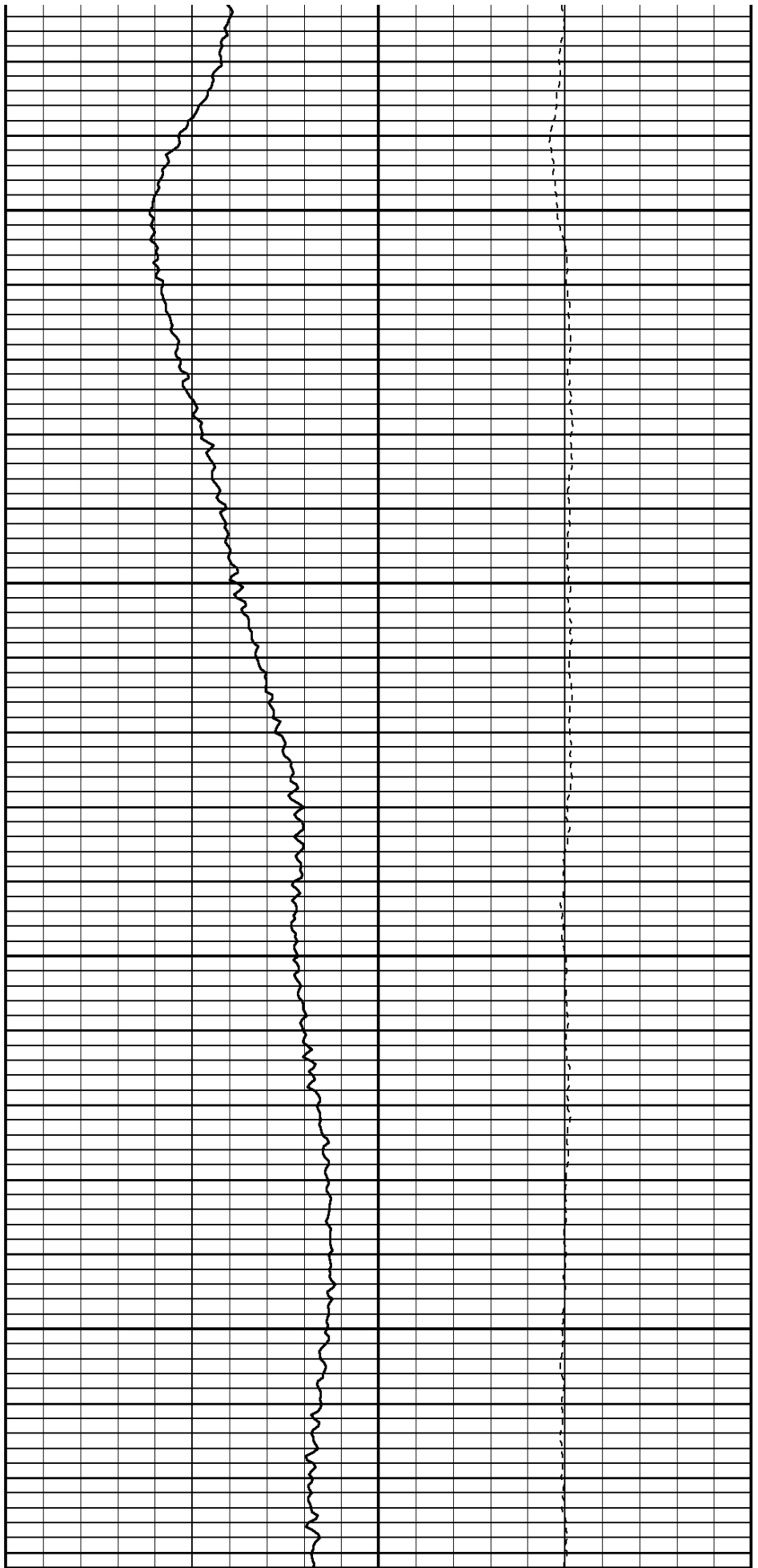
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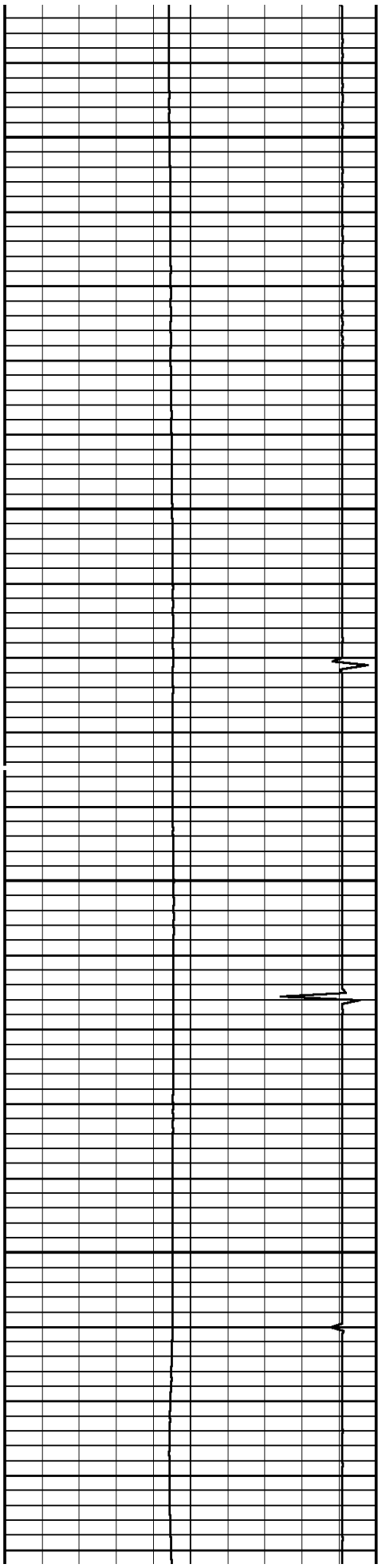




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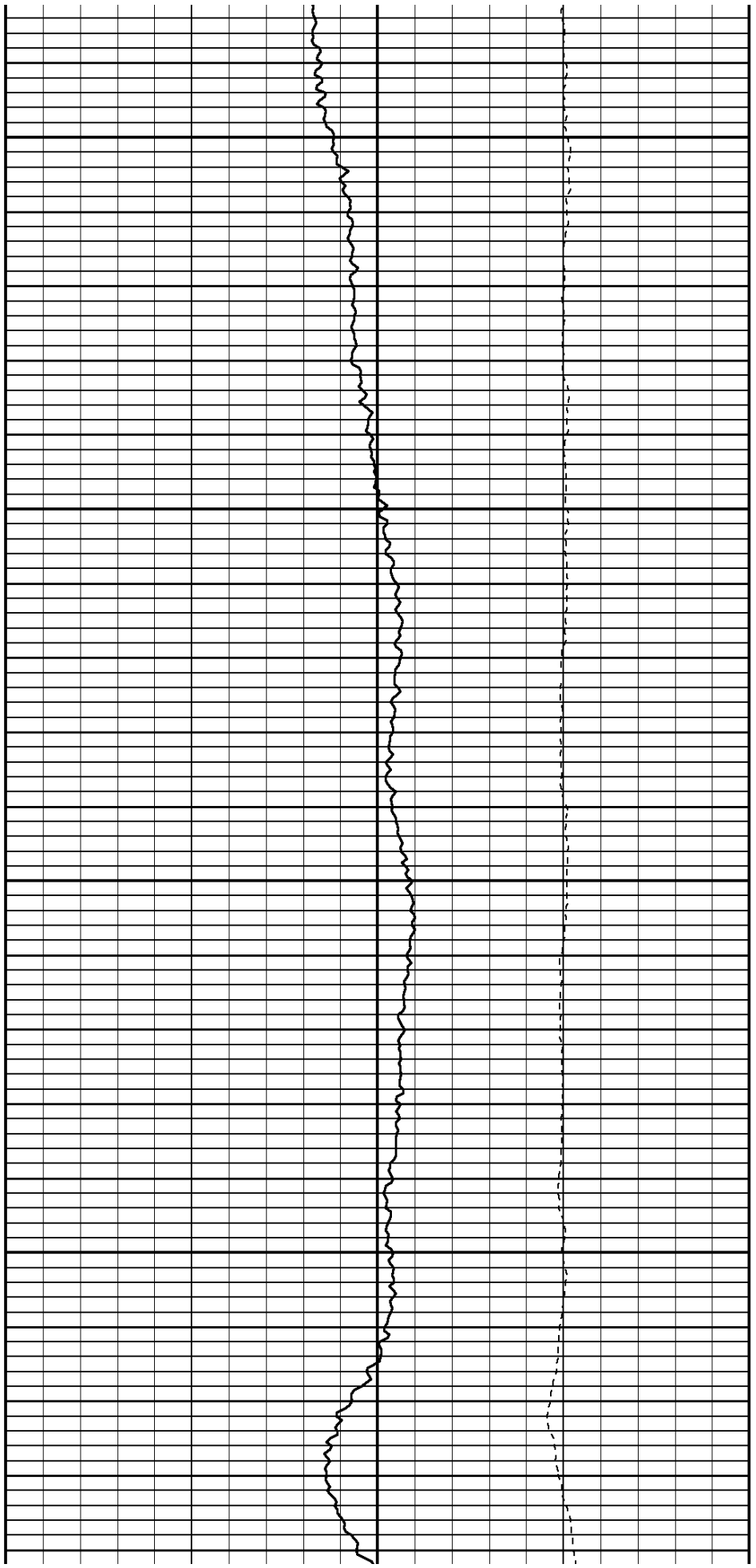
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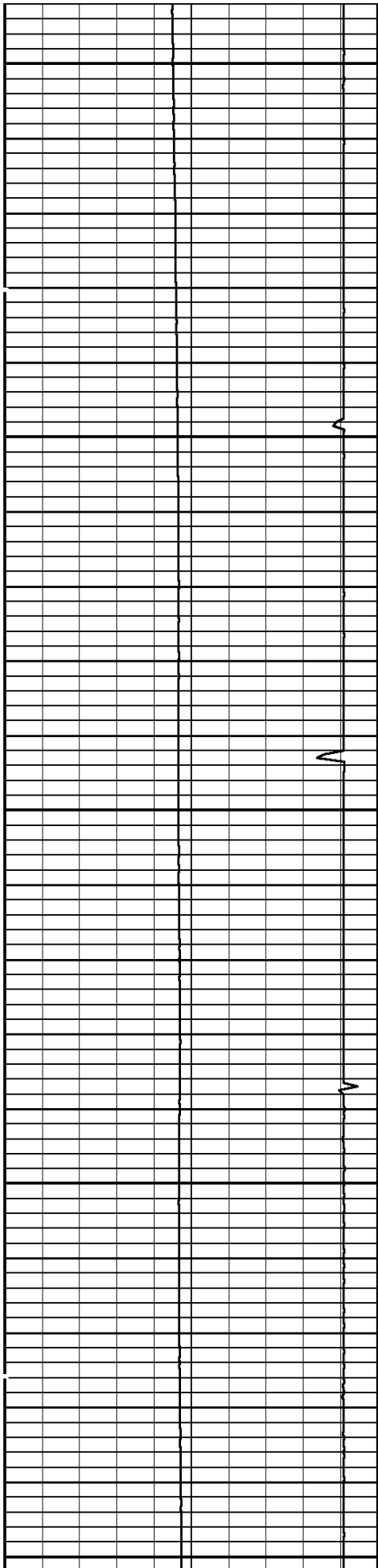




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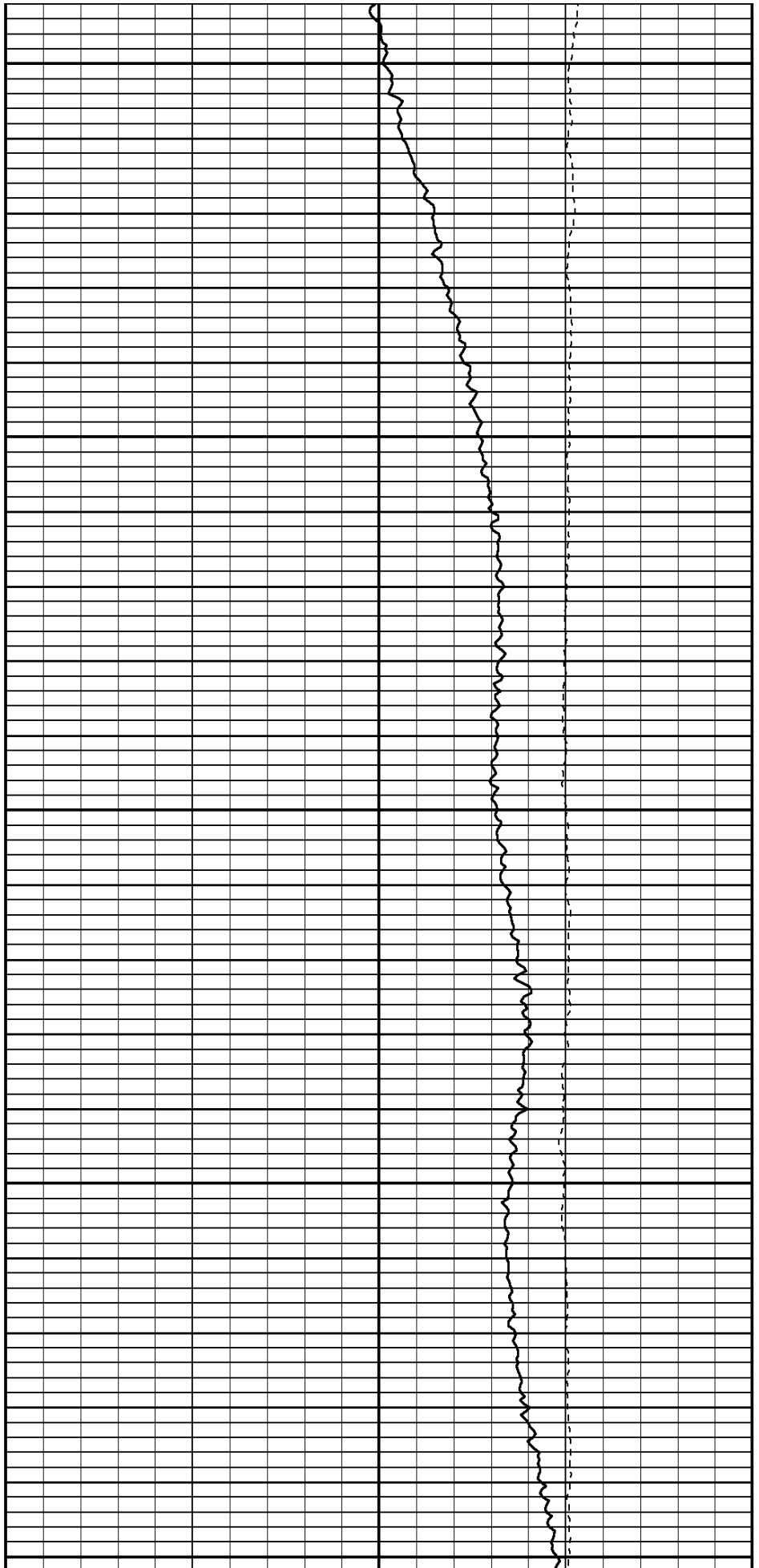


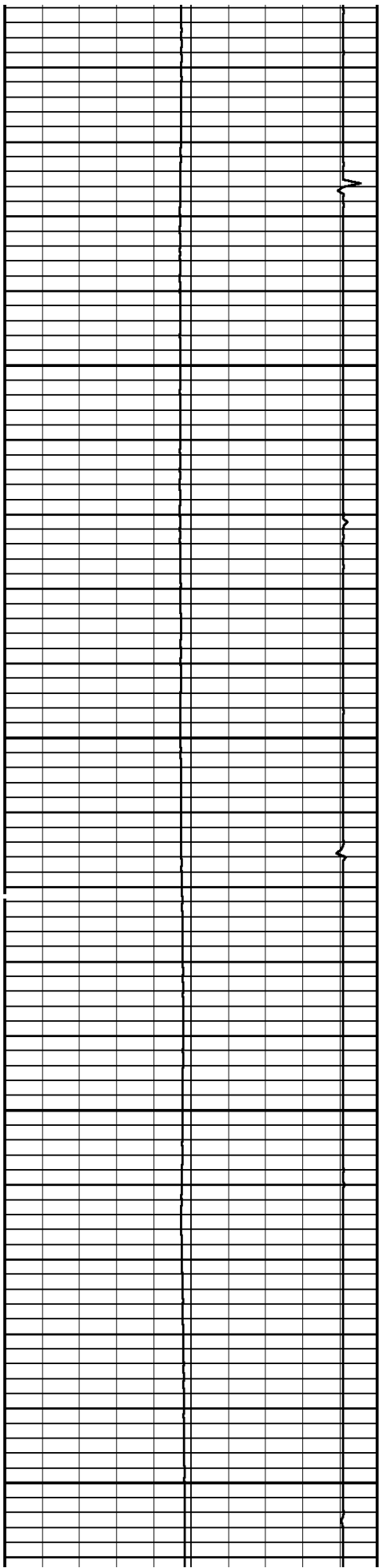


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5900

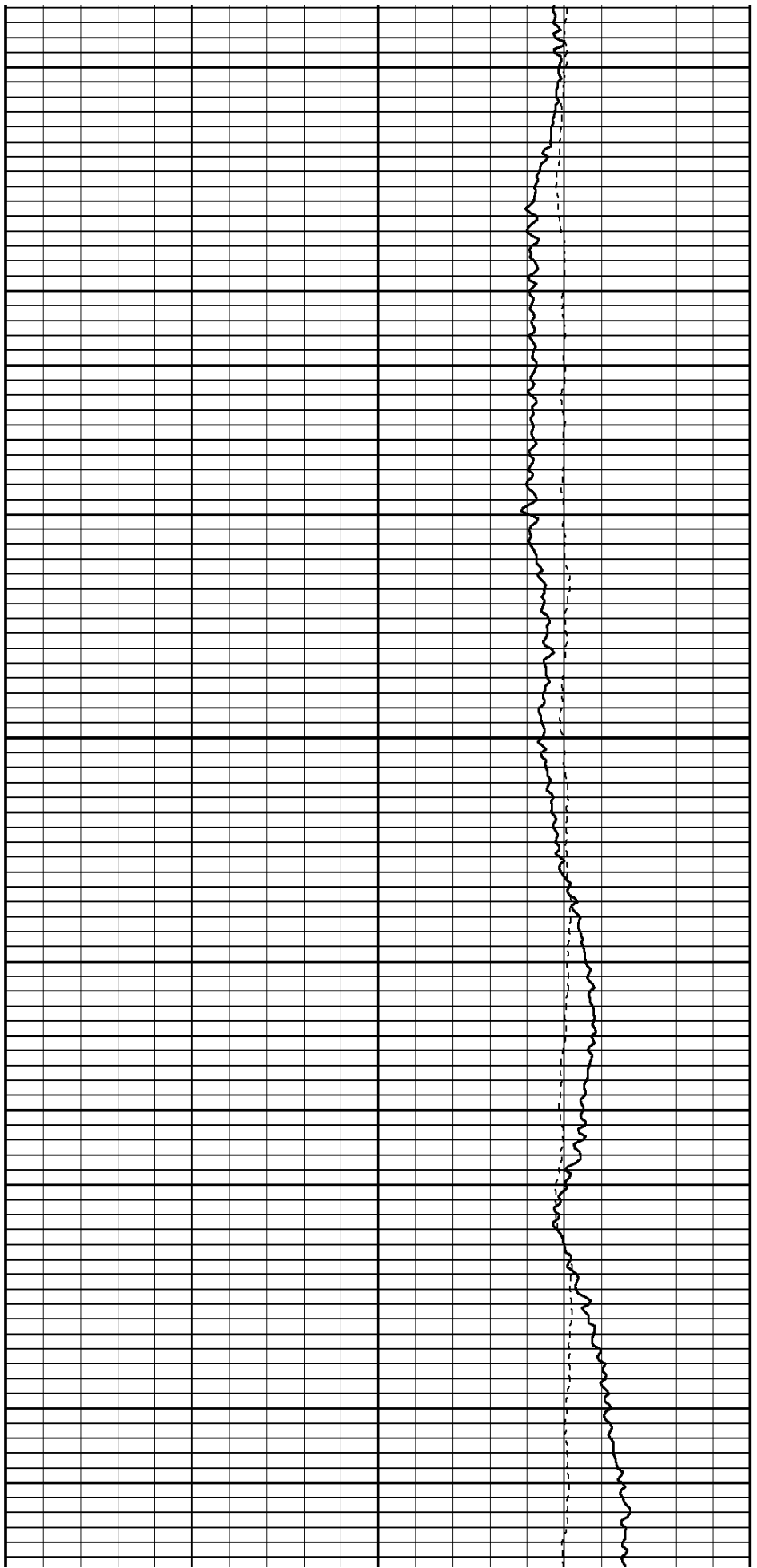
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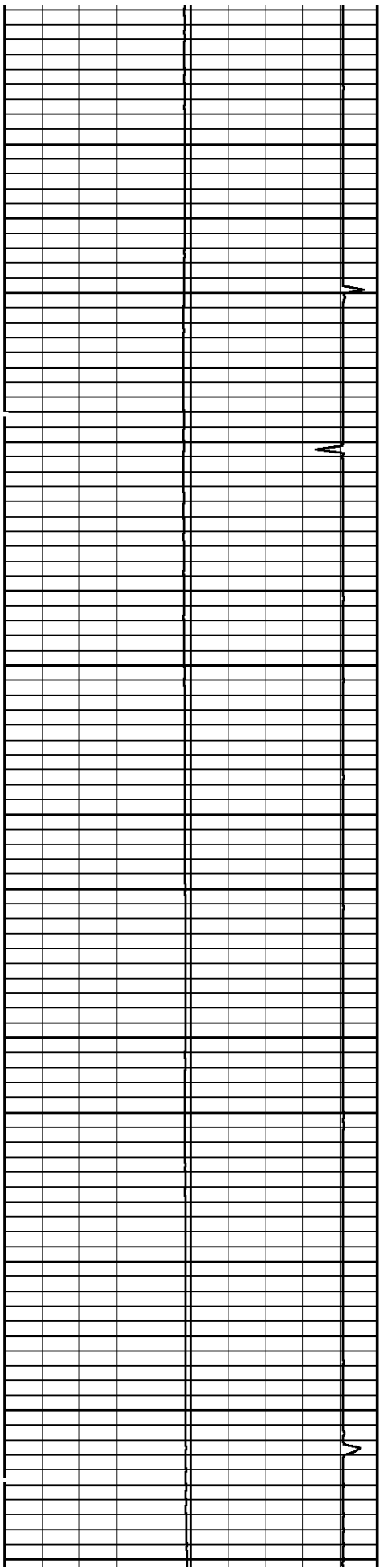




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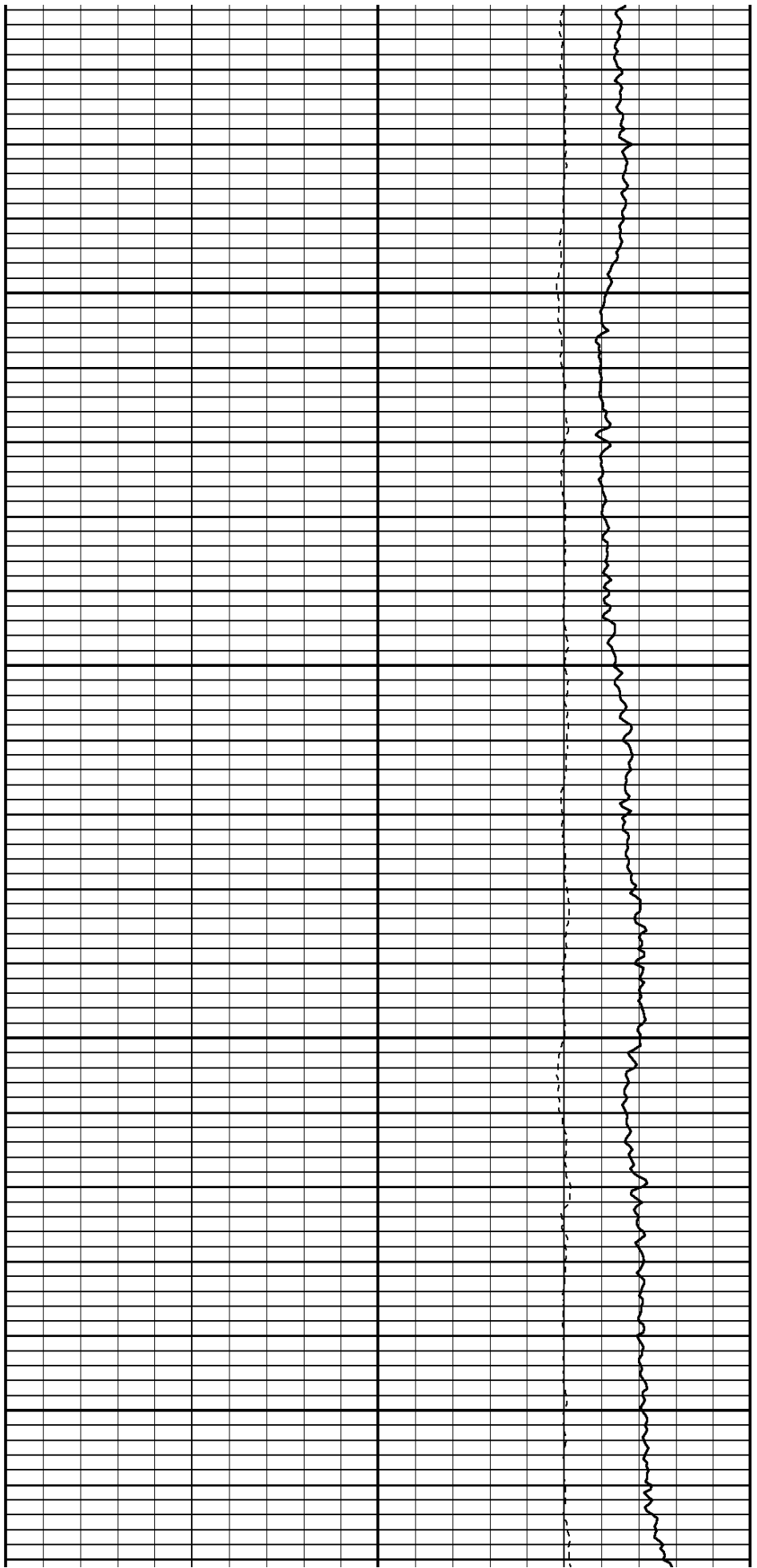
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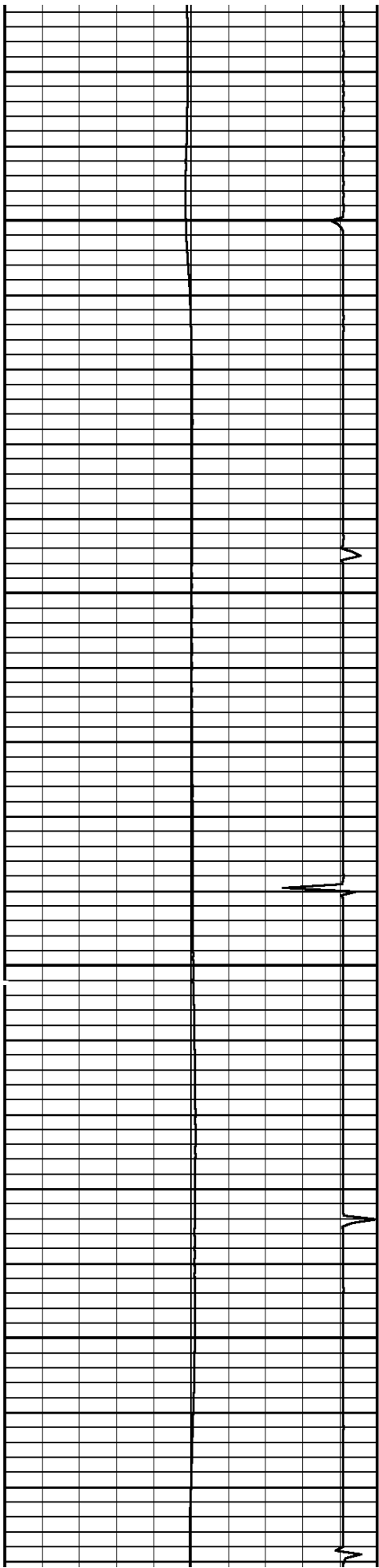




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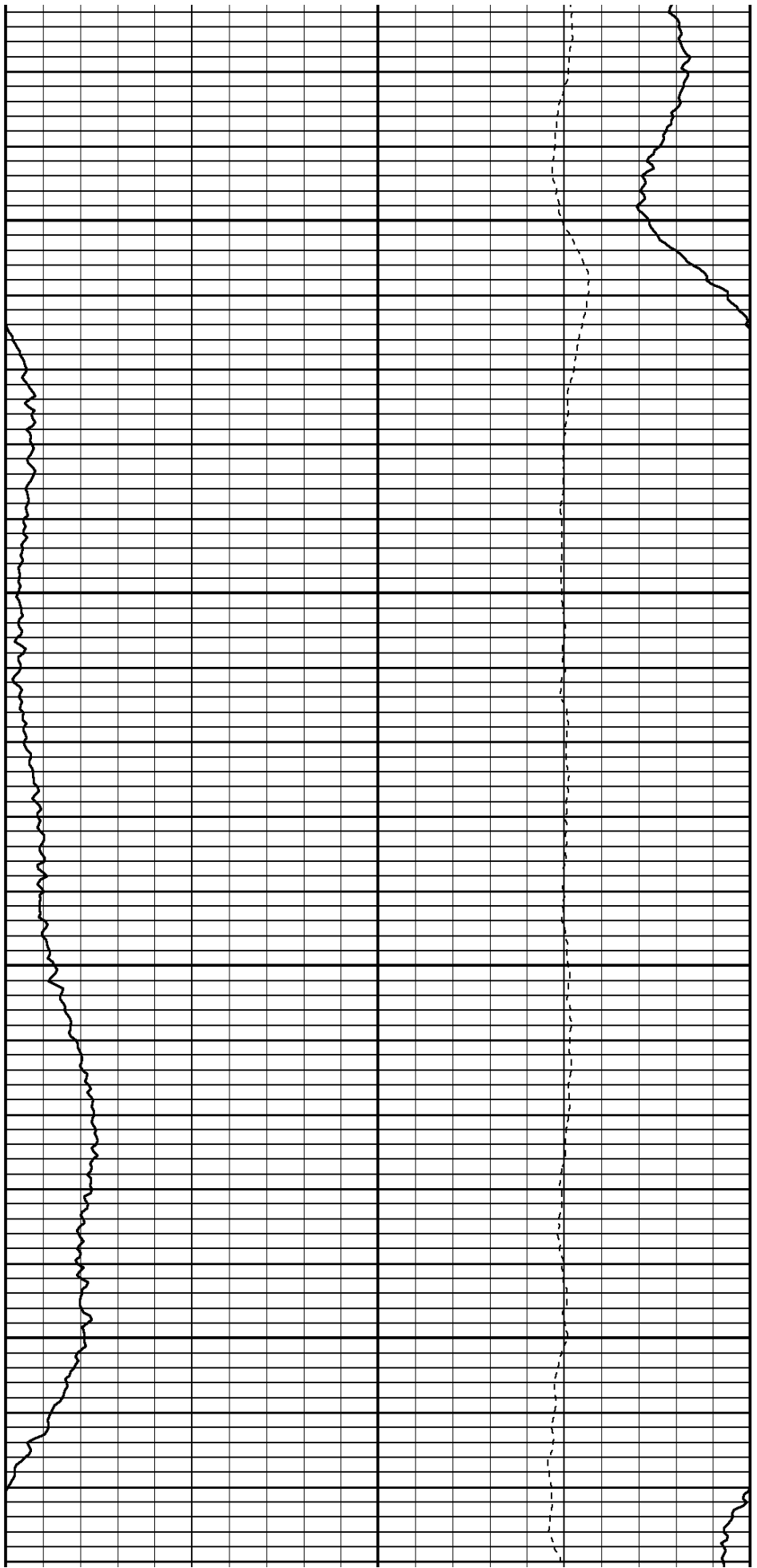
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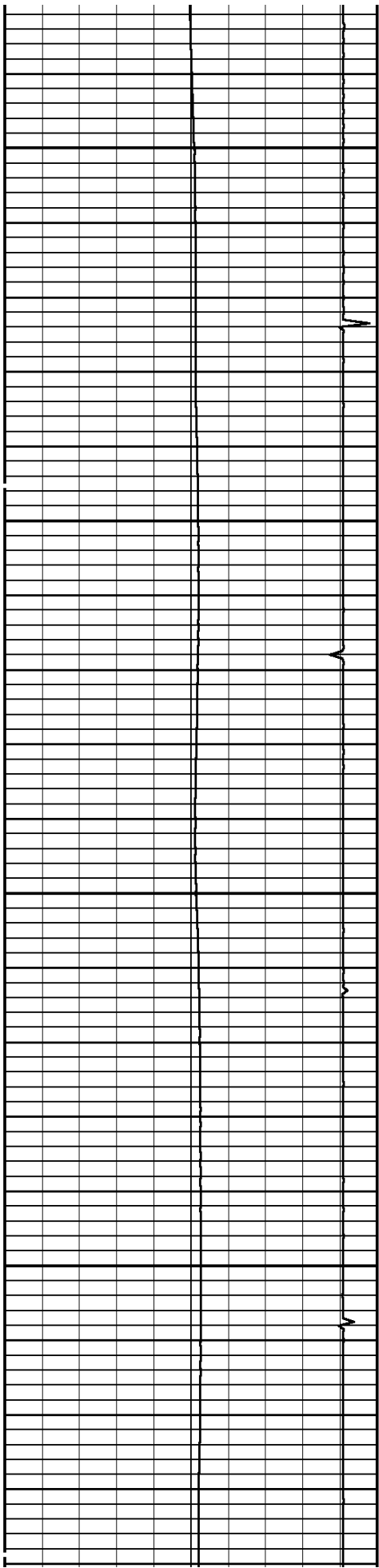




6500

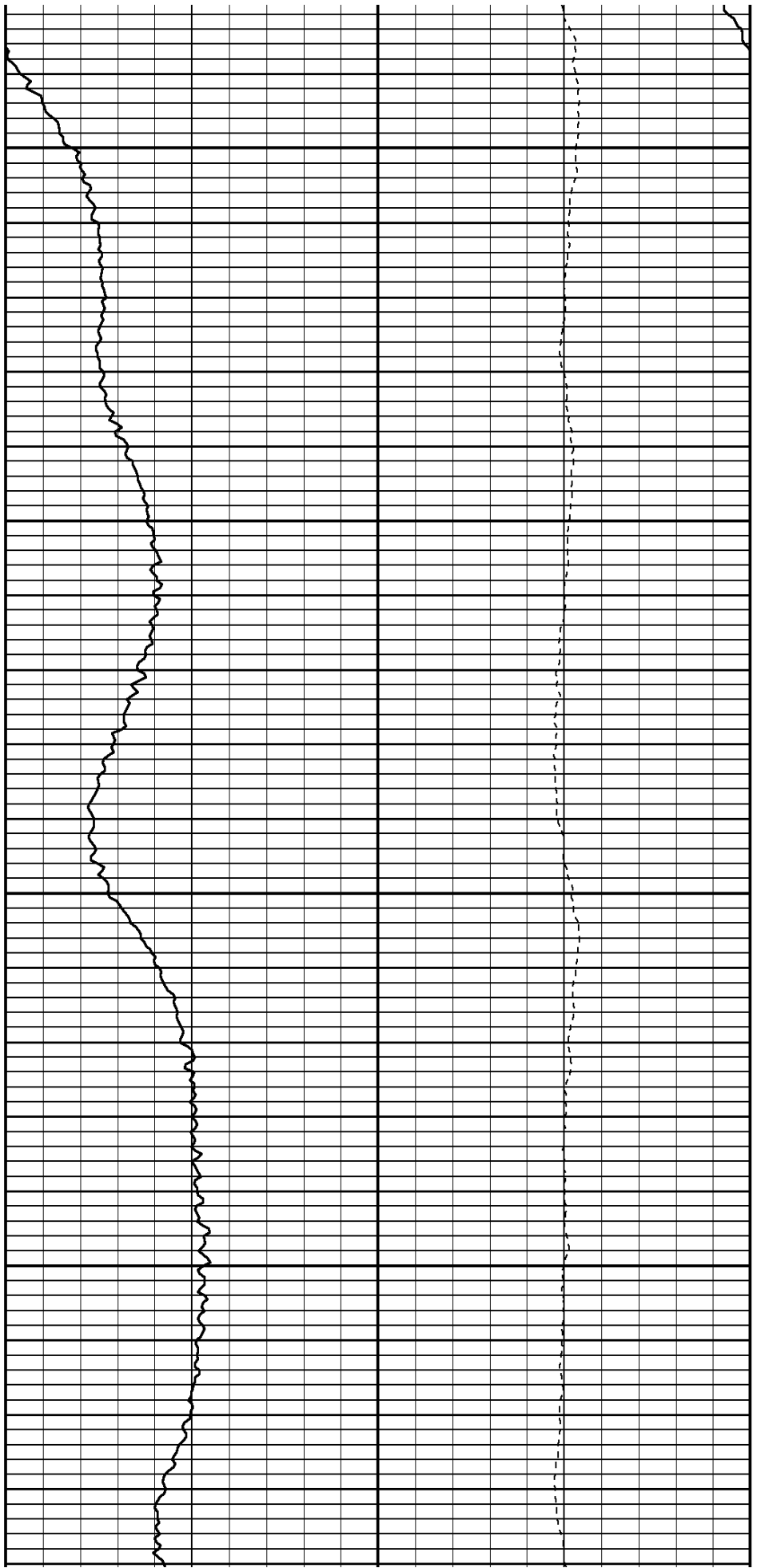
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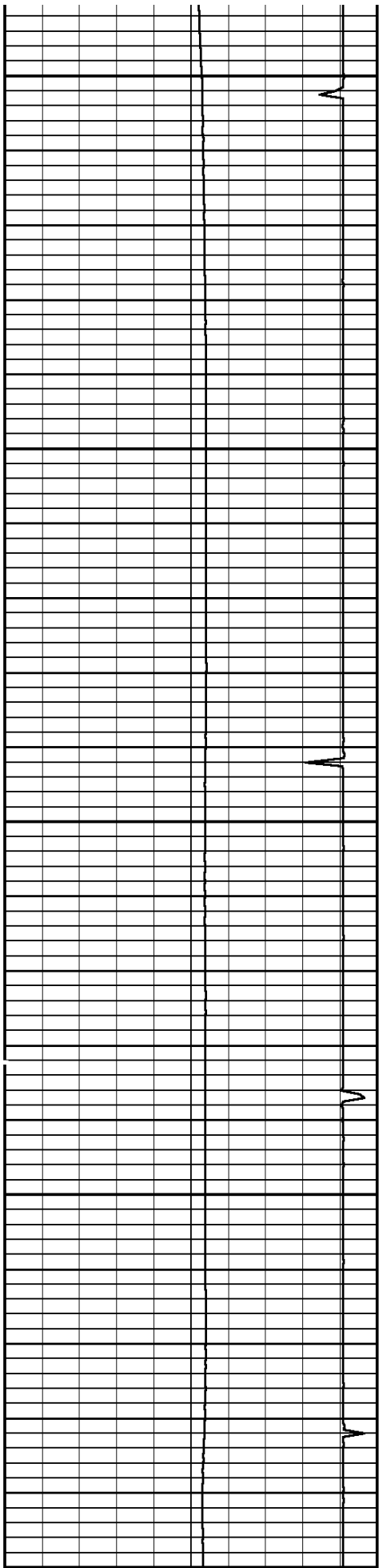




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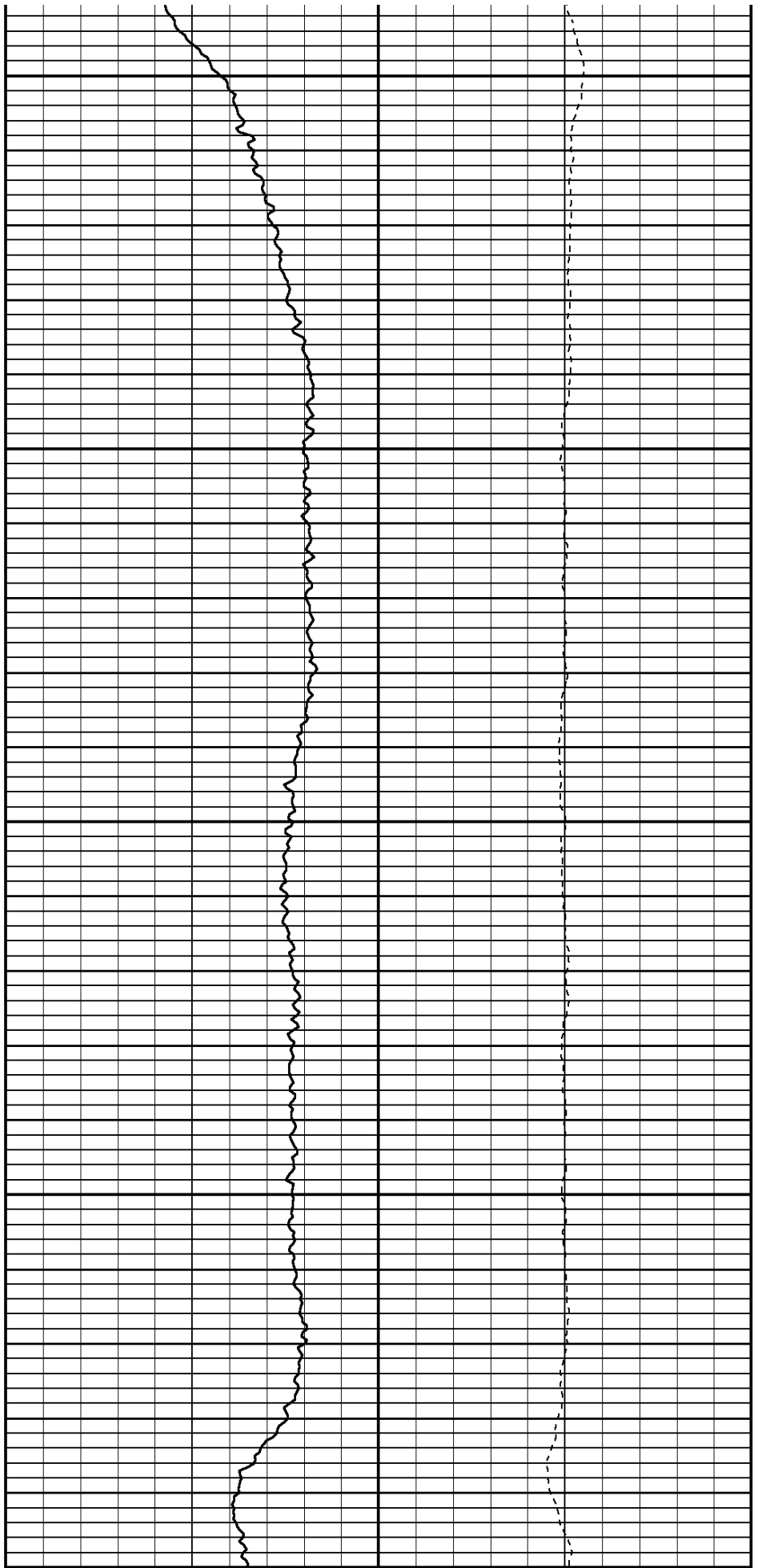
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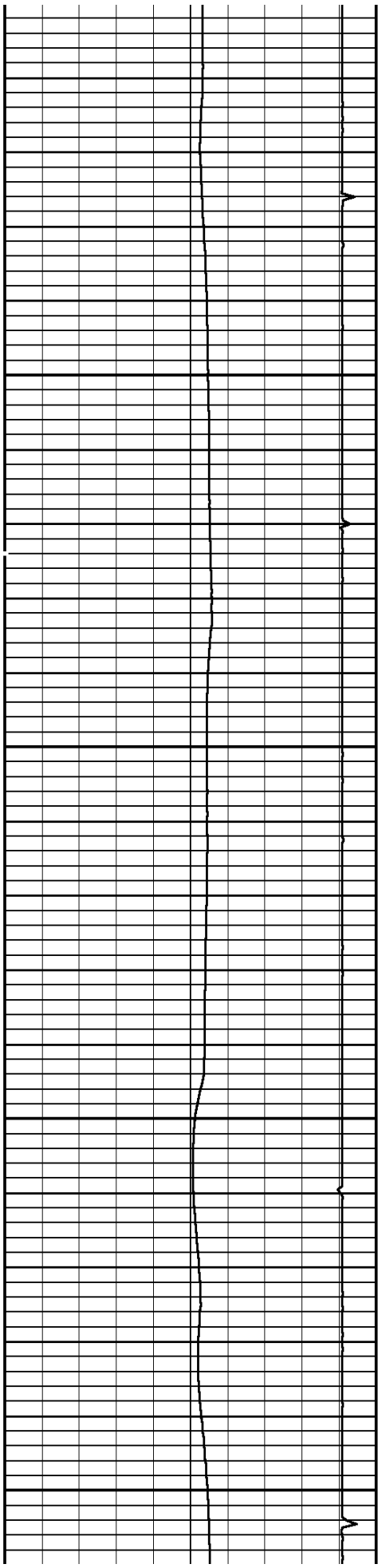




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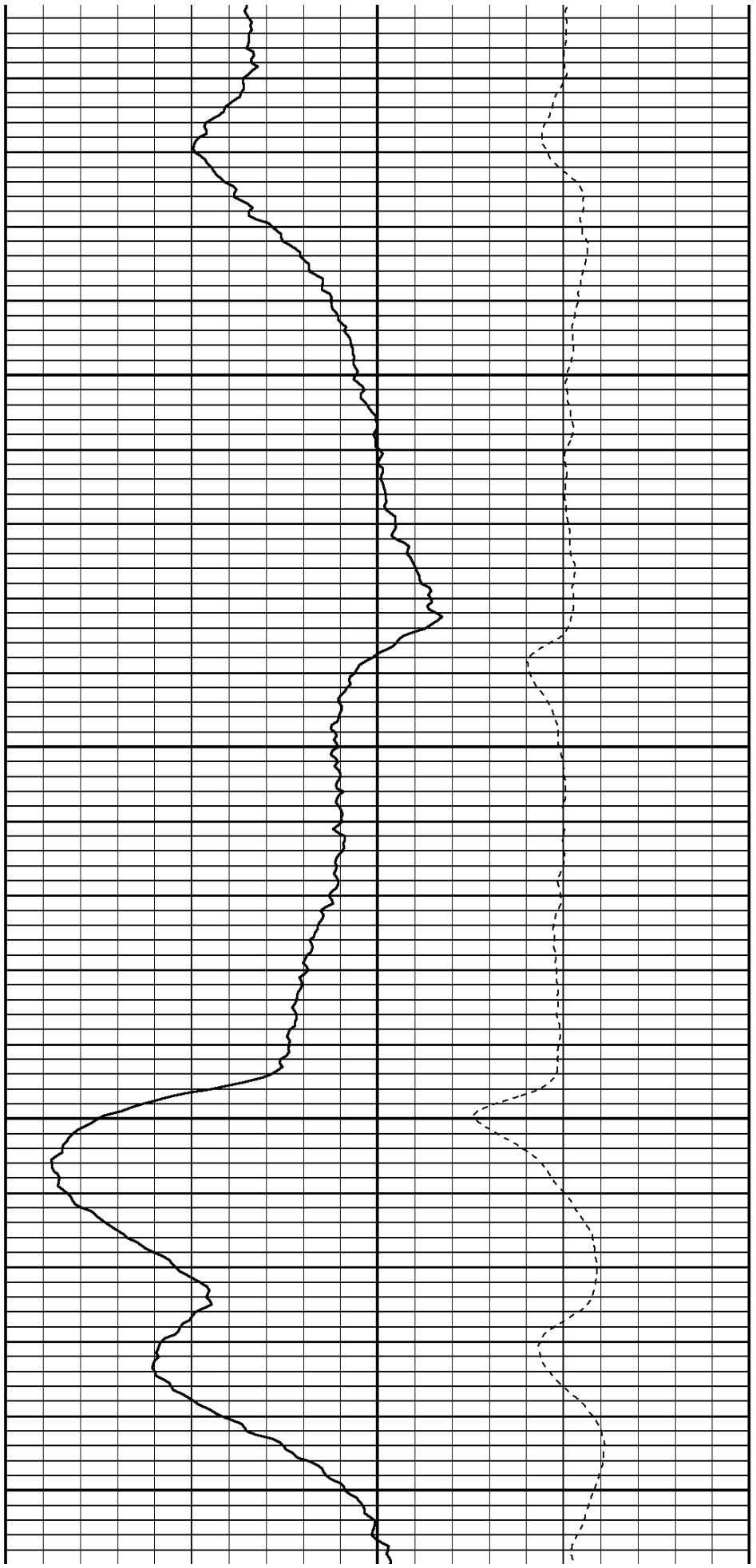
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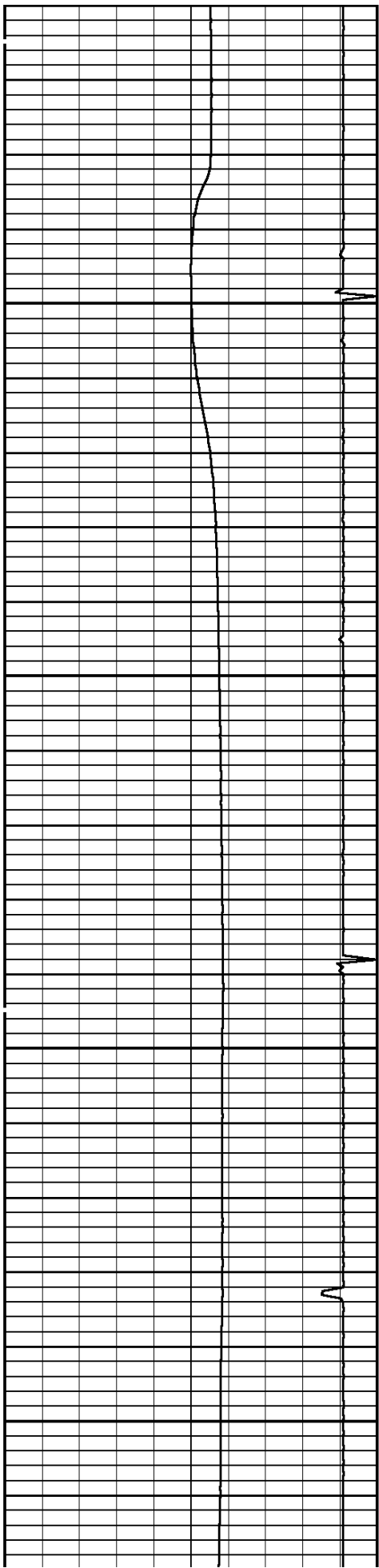




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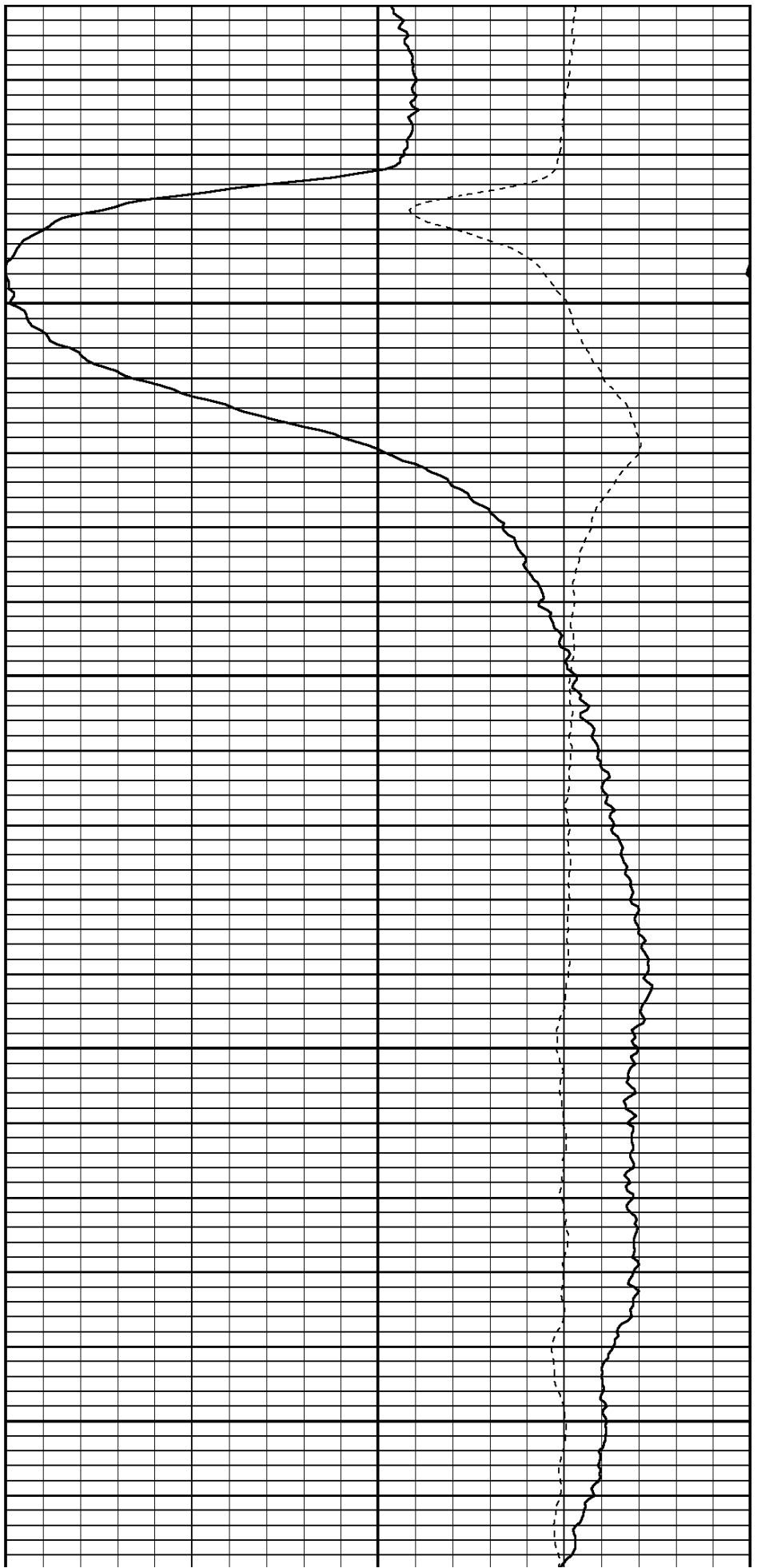
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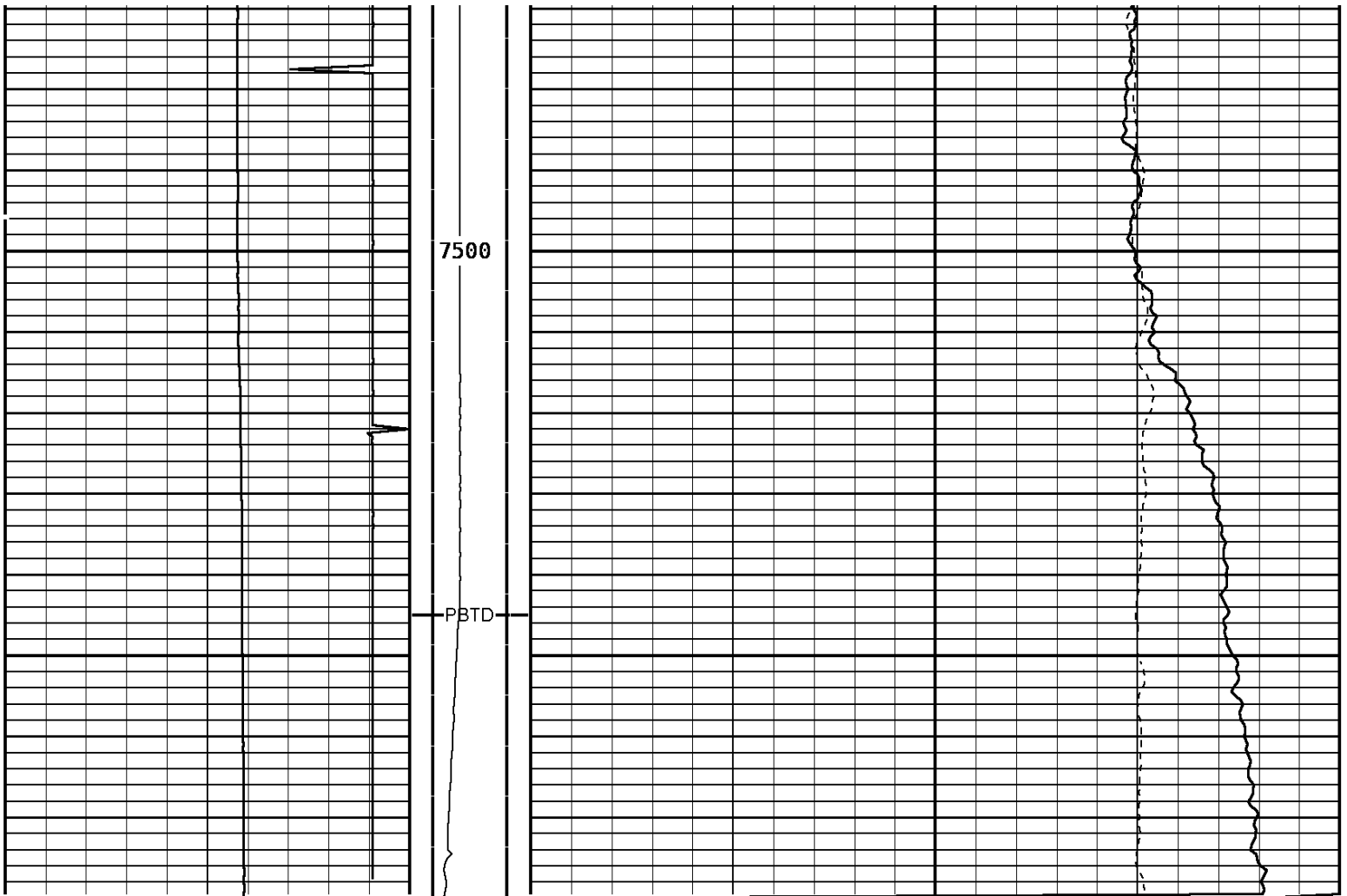




7300

7400





TEMPERATURE			Tension		AMP. TEMPERATURE		
60.0	DegreesFarenheit	260.0	0	2000	0.0	DegreesFarenheit	20.0
Collar Locator							
-8000.0	Millivolts	800.0					

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

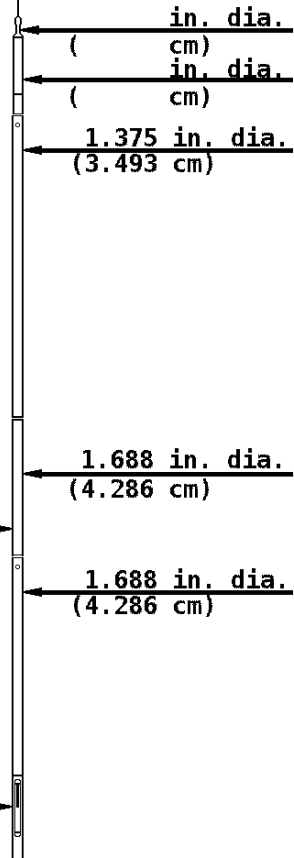
Length

### 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 FEDERAL 43D-29-691

FIELD      MAMM CREEK

COUNTY    GARFIELD      STATE    COLORADO



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