

TEMPERATURE  
CCL LOG

COMPANY BILL BARRETT CORPORATION  
WELL GGU MILLER  
23C-32-691  
FIELD GIBSON GULCH  
CNTY GARFIELD STATE CO

COMPANY BILL BARRETT CORPORATION  
WELL GGU MILLER 23C-32-691  
FIELD GIBSON GULCH  
COUNTY GARFIELD STATE COLORADO

LOCATION:  
SHL: 1256' FSL, 2297' FWL  
BHL: 2130' FSL, 1990' FWL  
SEC. 32 TWP. 6S RGE91W  
OTHER SERVICES:  
NONE

PERM. DATUM GROUND LEVEL ELEV. 6121'  
LOG MEASURED FROM K.B. 23 FT. ABOVE PERMANENT DATUM ELEV.: K.B. 6144'  
D.RILLING MEASURED FROM KELLY BUSHING D.F. 6143'  
G.L. 6121'

DATE	09-DEC-2010	APL:	05-045-19430
RUN NO.	ONE		
DEPTH DRILLER	7333'		
DEPTH LOGGER	7272'		
BIT. LOG INTERVAL	7272'		
TOP LOG INTERVAL	SURFACE		
OPEN HOLE SIZE	8.75"		
TYPE FLUID	WATER		
DENS.	8.3	0.00	
MAX. REC. TEMP.	F 168 DEG F		
EST. CEMENT TOP	2430'		
TIME WELL READY	ROA		
TIME LOGGER ON BIT.	SEE LOG		
EQUIP. NO.	14068		
LOCATION	GRAND JUNCTION		
RECORDED BY	A. MacPHERSON	R. RICHARDS	
WITNESSED BY	CECIL CROW		
BOREHOLE RECORD		TUBING RECORD	
RUN NO.	BIT FROM	TO	SIZE WGT. FROM TO
TWO	8.750	781'	5521'
THREE	7.875	5221'	7325'
CASTING RECORD		SIZE	WT/FT GRADE TYPE JOINT TOP BOTTOM
SURFACE STRING		9.625"	36 SURF 781'
PROT. STRING			
PROD. STRING		4.500"	11.6 SURF 7328'
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 307 Service Order # 167807  
LOG RAN ON WIRELINE DEPTH WITH 23' K.B. BHT 168.9°F  
PLUG BUMPED @ 13:30 HRS ON 09-DEC-2010  
ETOC OF 2430' REACHED @ 17:30 HRS ON 09-DEC-2010  
Prints: 2  
YOUR CREW TODAY IS: MARK VERSLUIS  
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	133	
Surface Pressure		ONE	TMPEB	133	
Shut In	Flowing				
ZERO	ZERO				


DEPTH SCALE: 1":100'

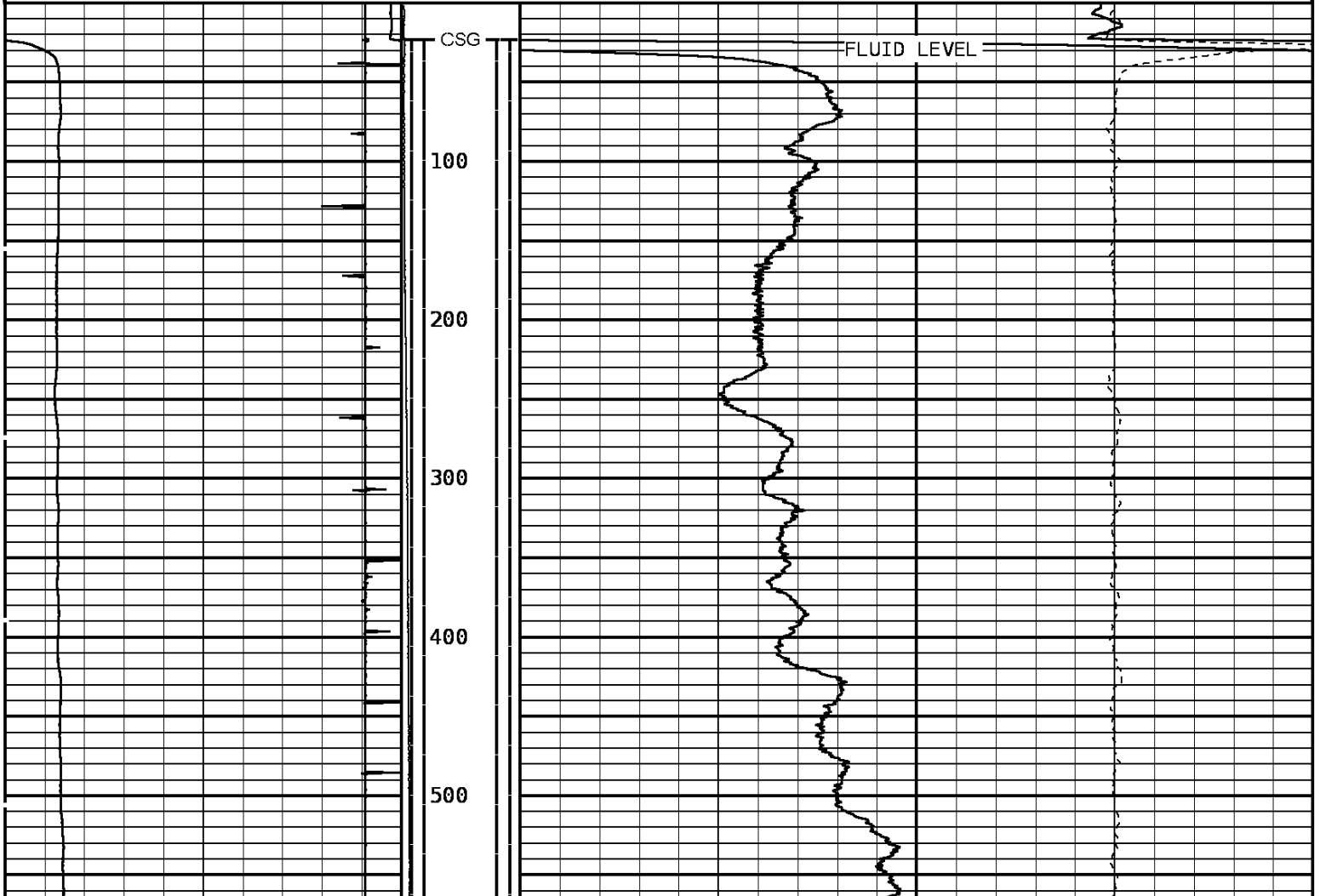
VERSION: 80214133R"

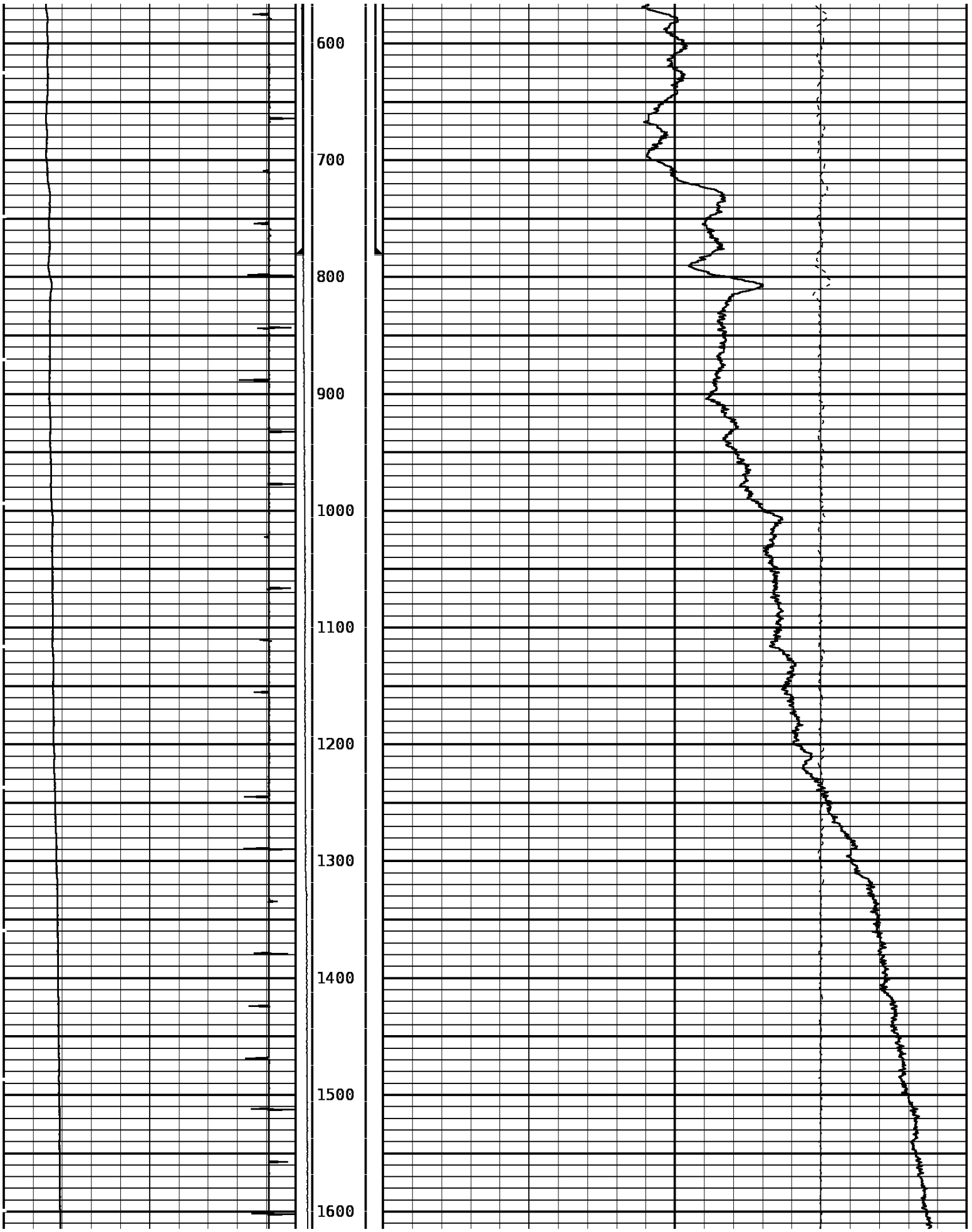
MAIN PASS

167807 TLTMP

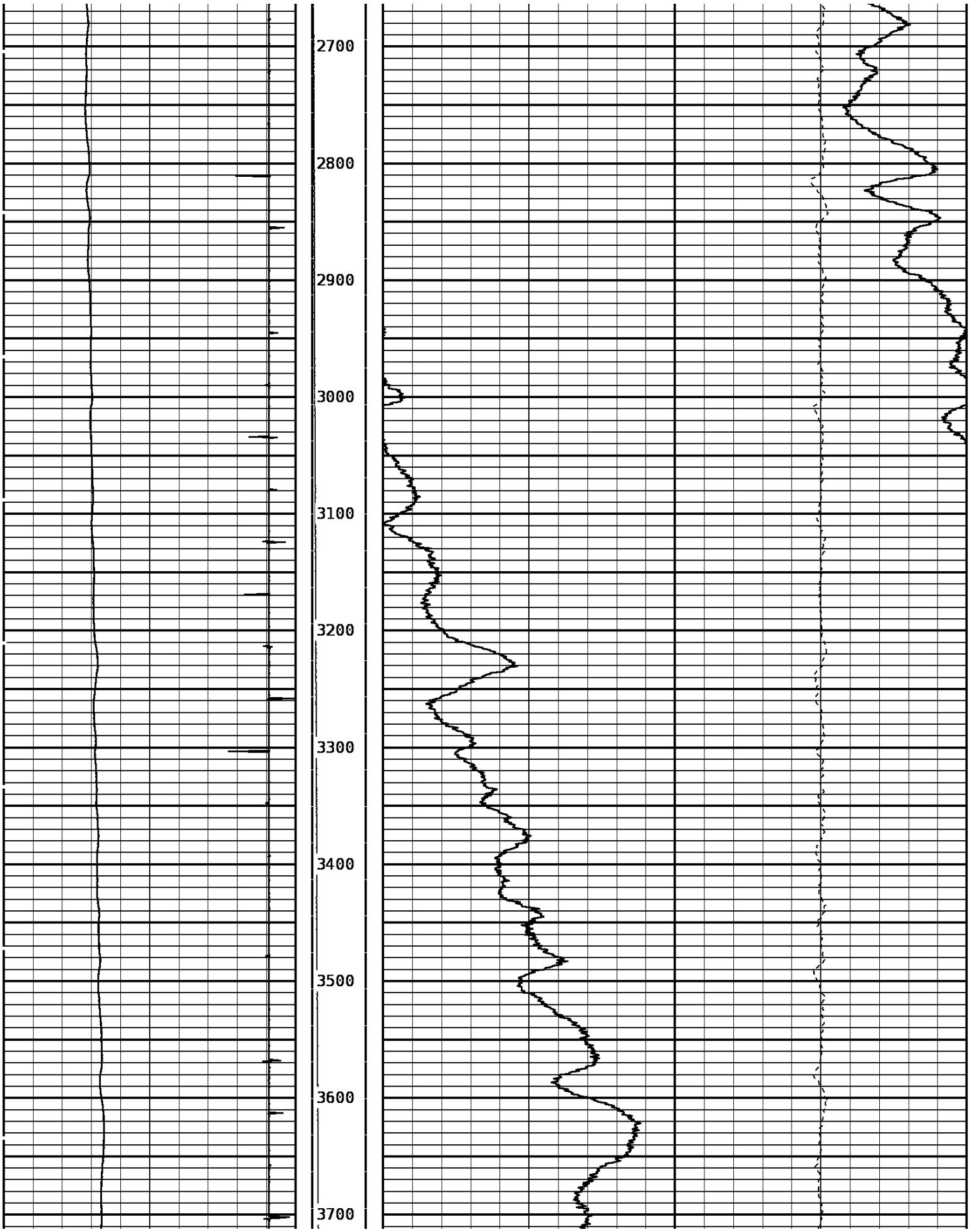
FINISH DEPTH: 1.2 Feet DIRECTION: UP DATE: 12/09/2010 TIME: 18:16 MODE: TRACE PLAYBACK

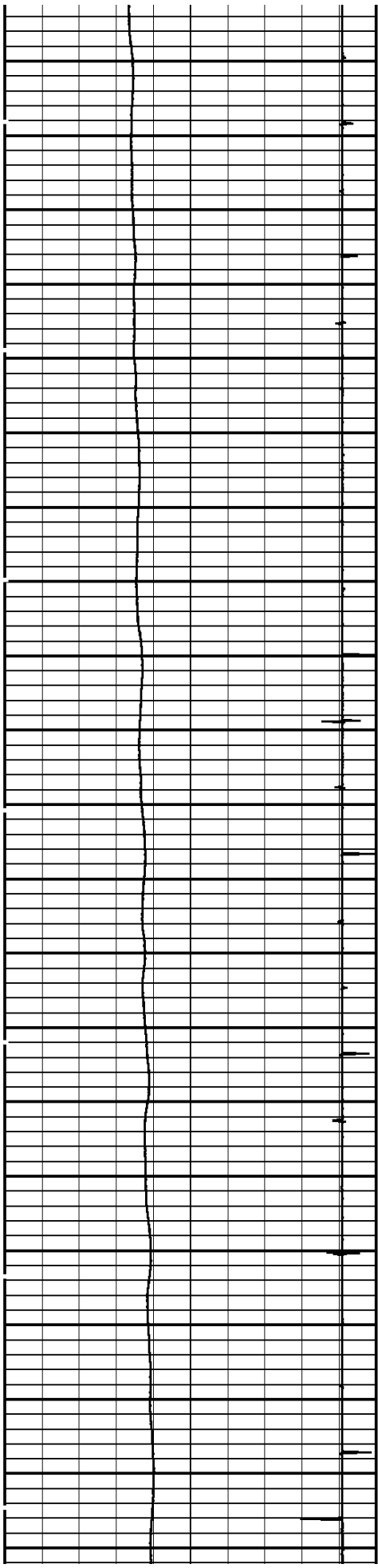
<b>Collar Locator</b>			<b>DELTA TEMPERATURE</b>		
-8000.0	Millivolts	800.0	-1.500	DegF/Foot	1.500
<b>TEMPERATURE</b>			<b>Tension</b>	<b>AMP. TEMPERATURE</b>	
60.0	DegreesFarenheit	260.0	0 1800 0.0	DegreesFarenheit 20.0	



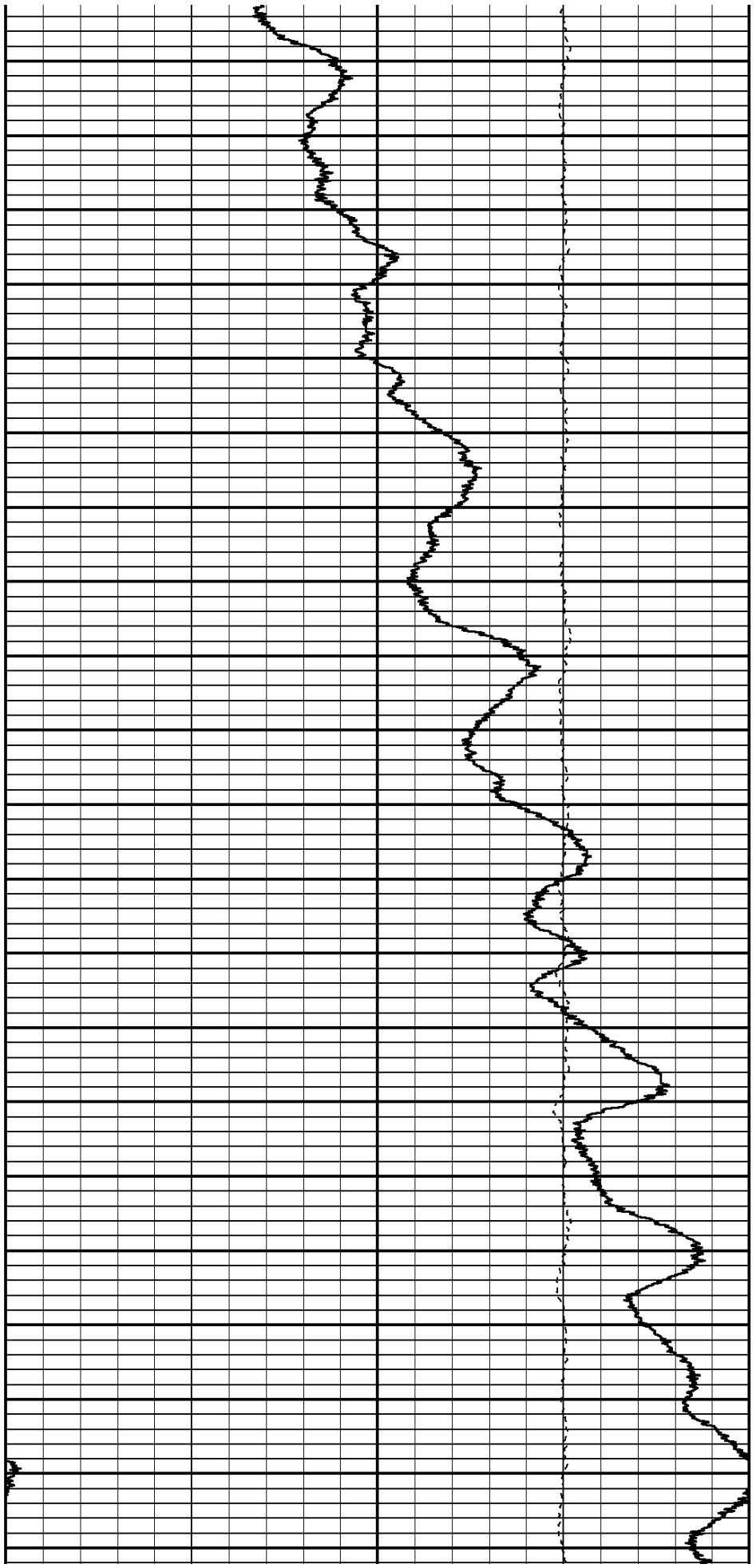


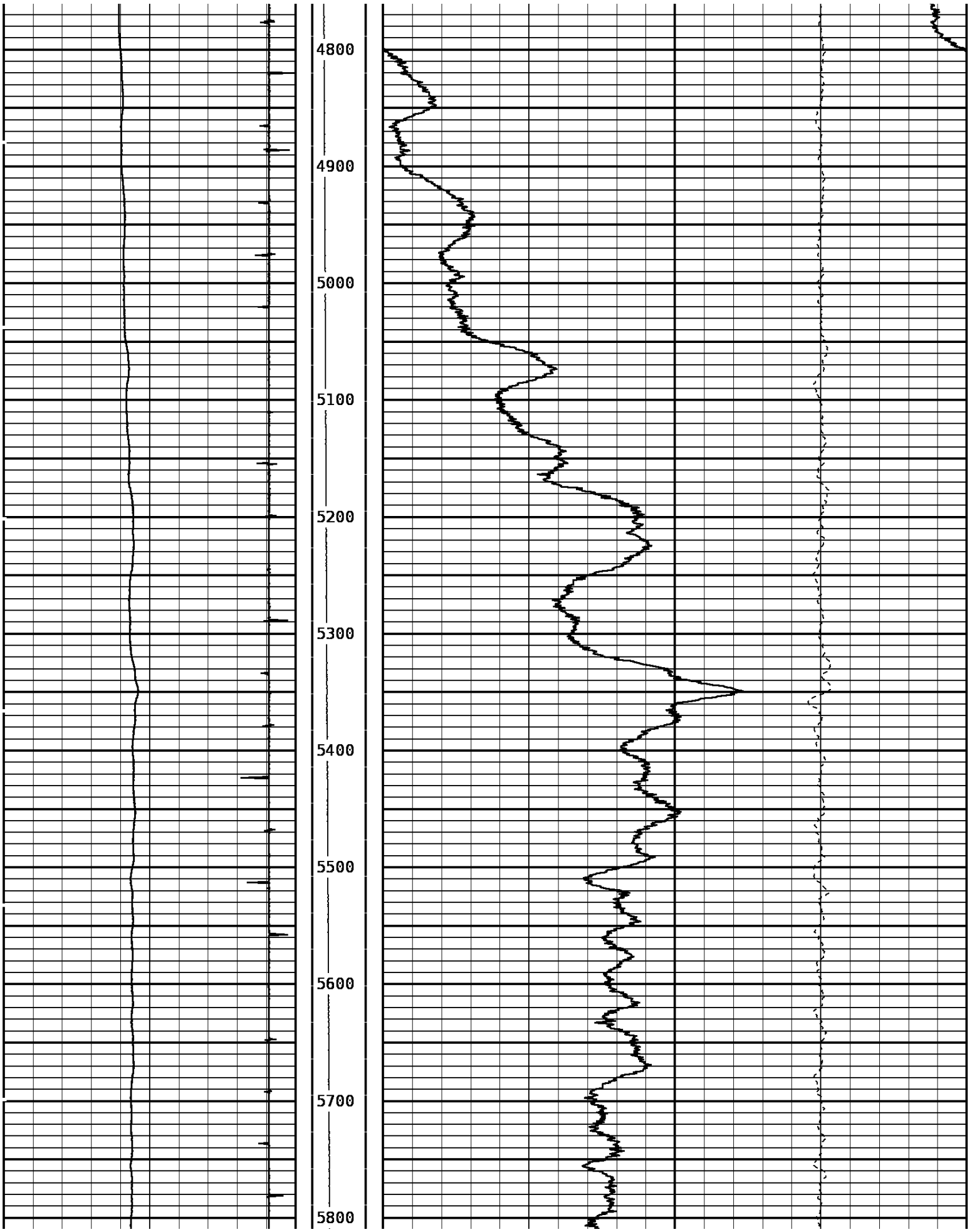


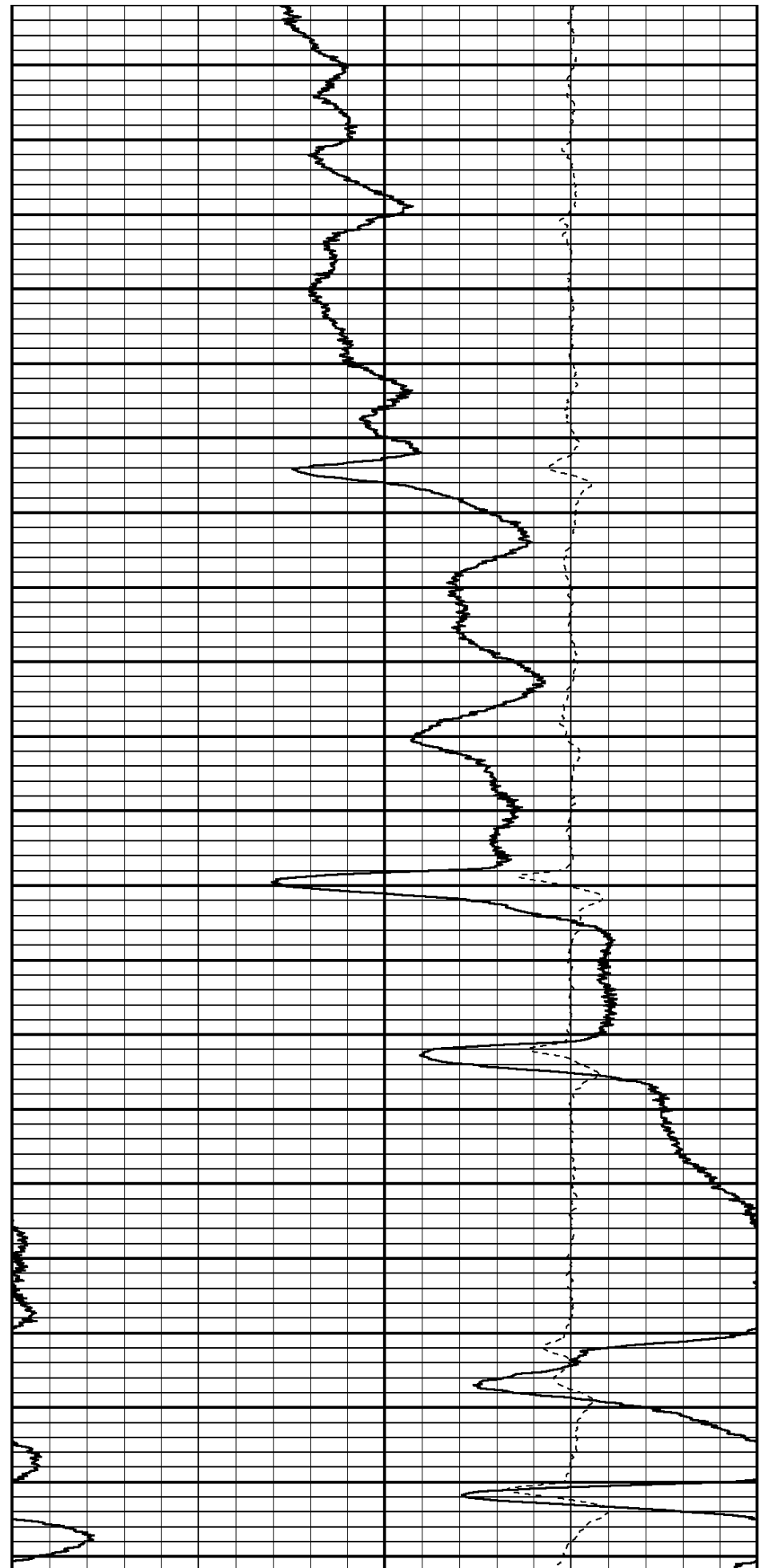
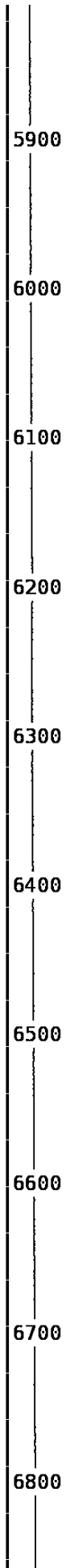
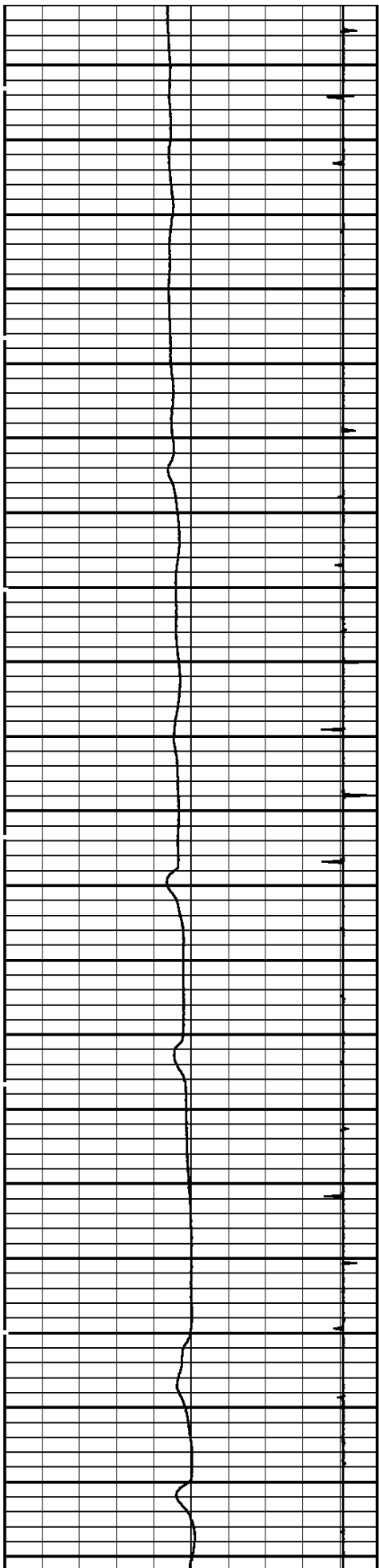


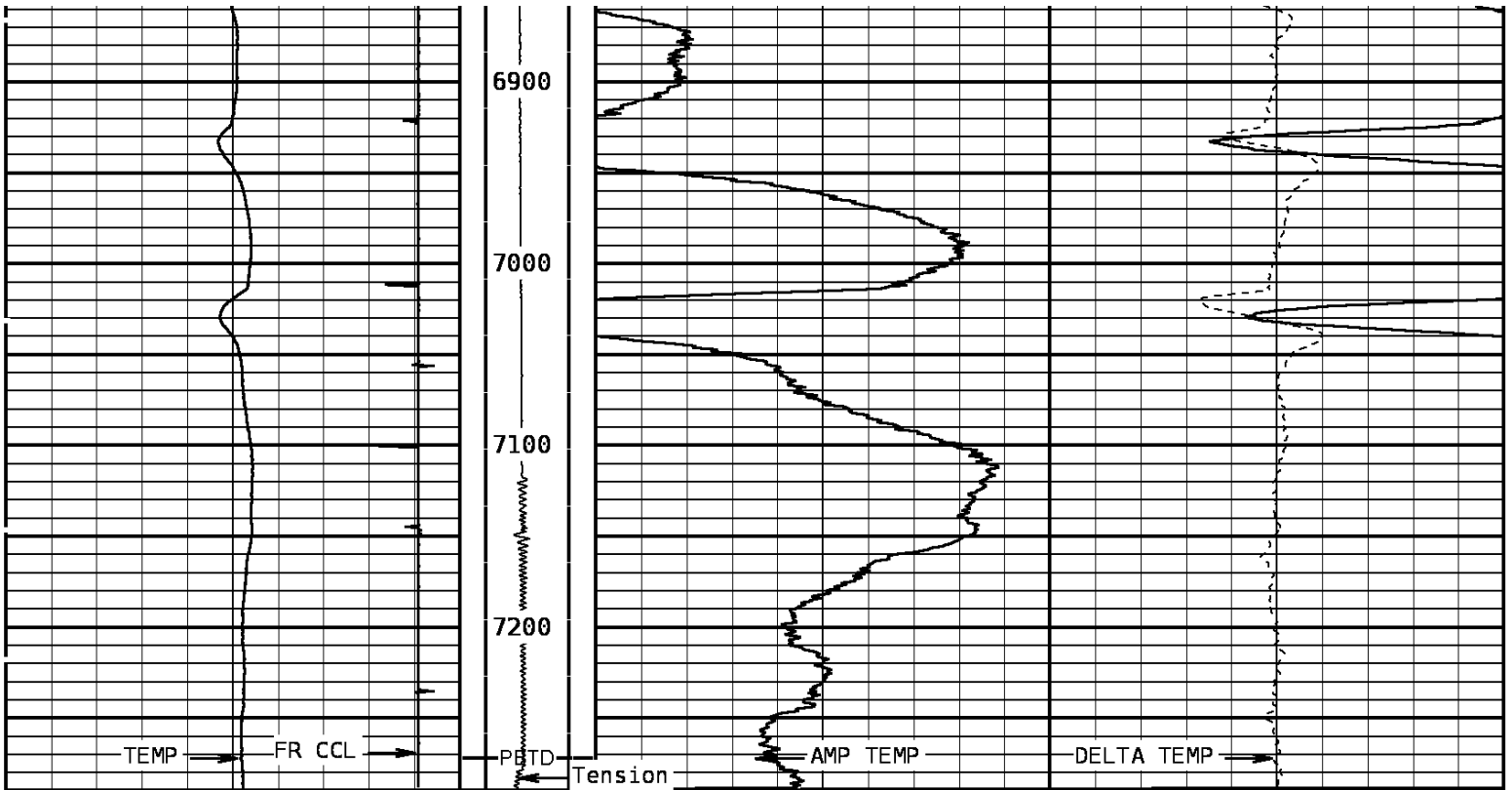


3800  
3900  
4000  
4100  
4200  
4300  
4400  
4500  
4600  
4700









<b>TEMPERATURE</b>		<b>Tension</b>	<b>AMP. TEMPERATURE</b>	
60.0	DegreesFarenheit	0	1800	0.0
260.0				DegreesFarenheit
				20.0
<b>Collar Locator</b>			<b>DELTA TEMPERATURE</b>	
-8000.0	Millivolts		-1.500	DegF/Foot
				1.500

START DEPTH: **7290.0**    DIRECTION: **UP**    DATE: **12/09/2010**    TIME: **18:16**    MODE: **TRACE PLAYBACK**  
**167807 TLTMP**

**MAIN PASS**

DEPTH SCALE: **1":100'**    VERSION: **80214133R"**

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

**MAIN PASS**

**167807 TLTMP**

FINISH DEPTH: **1.2**    Feet    DIRECTION: **UP**    DATE: **12/09/2010**    TIME: **18:16**    MODE: **TRACE PLAYBACK**

**Collar Locator**

-8000.0 Millivolts 800.0

**DELTA TEMPERATURE**

-1.500 DegF/Foot 1.500

**TEMPERATURE**

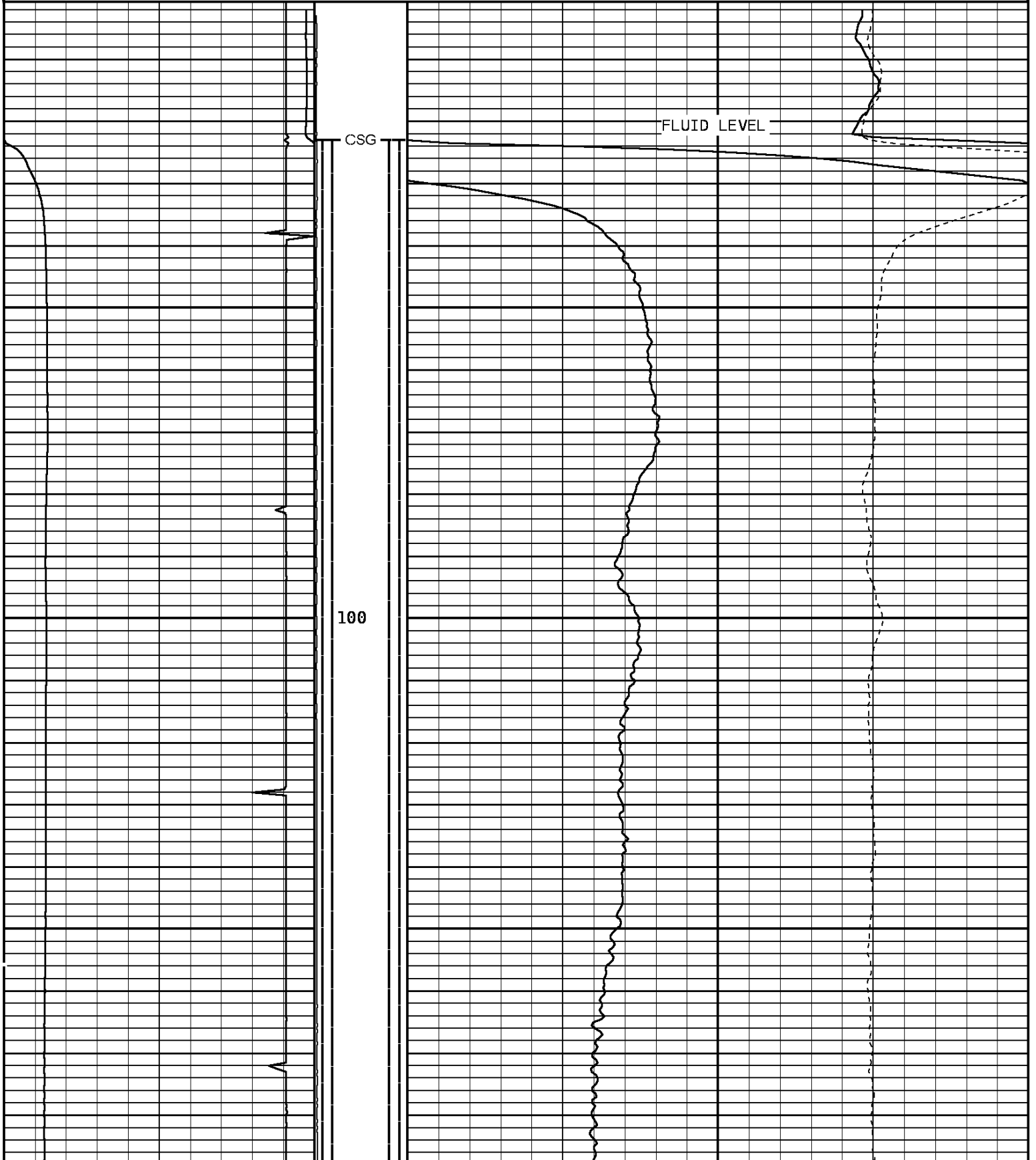
60.0 DegreesFarenheit 260.0

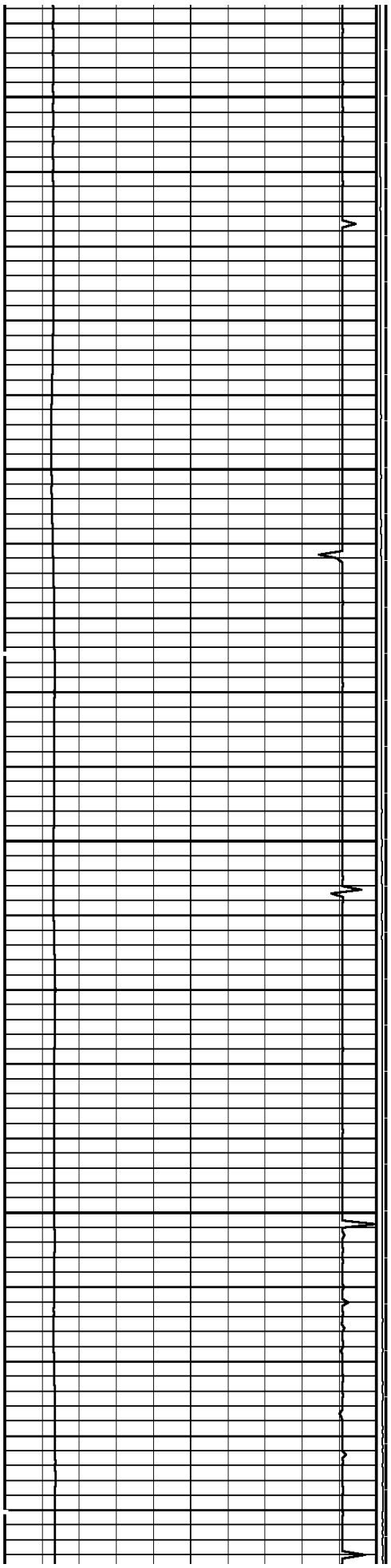
**Tension**

0 1800 0.0

**AMP. TEMPERATURE**

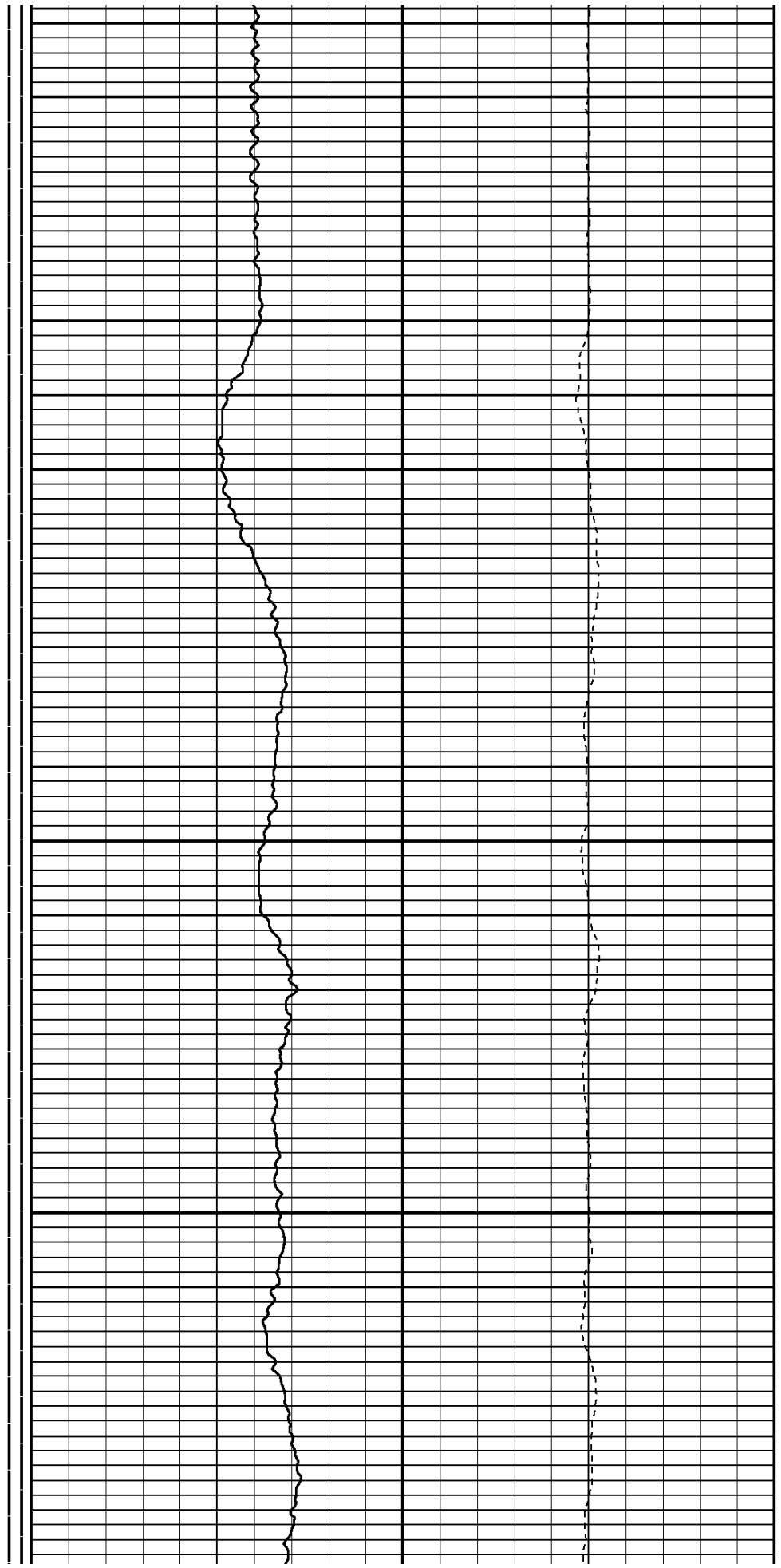
DegreesFarenheit 20.0

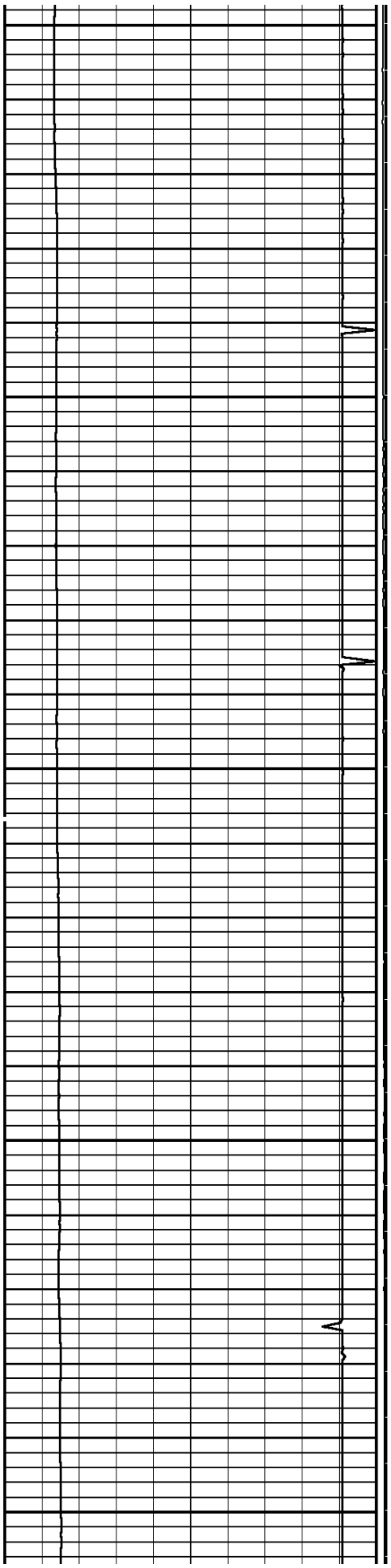




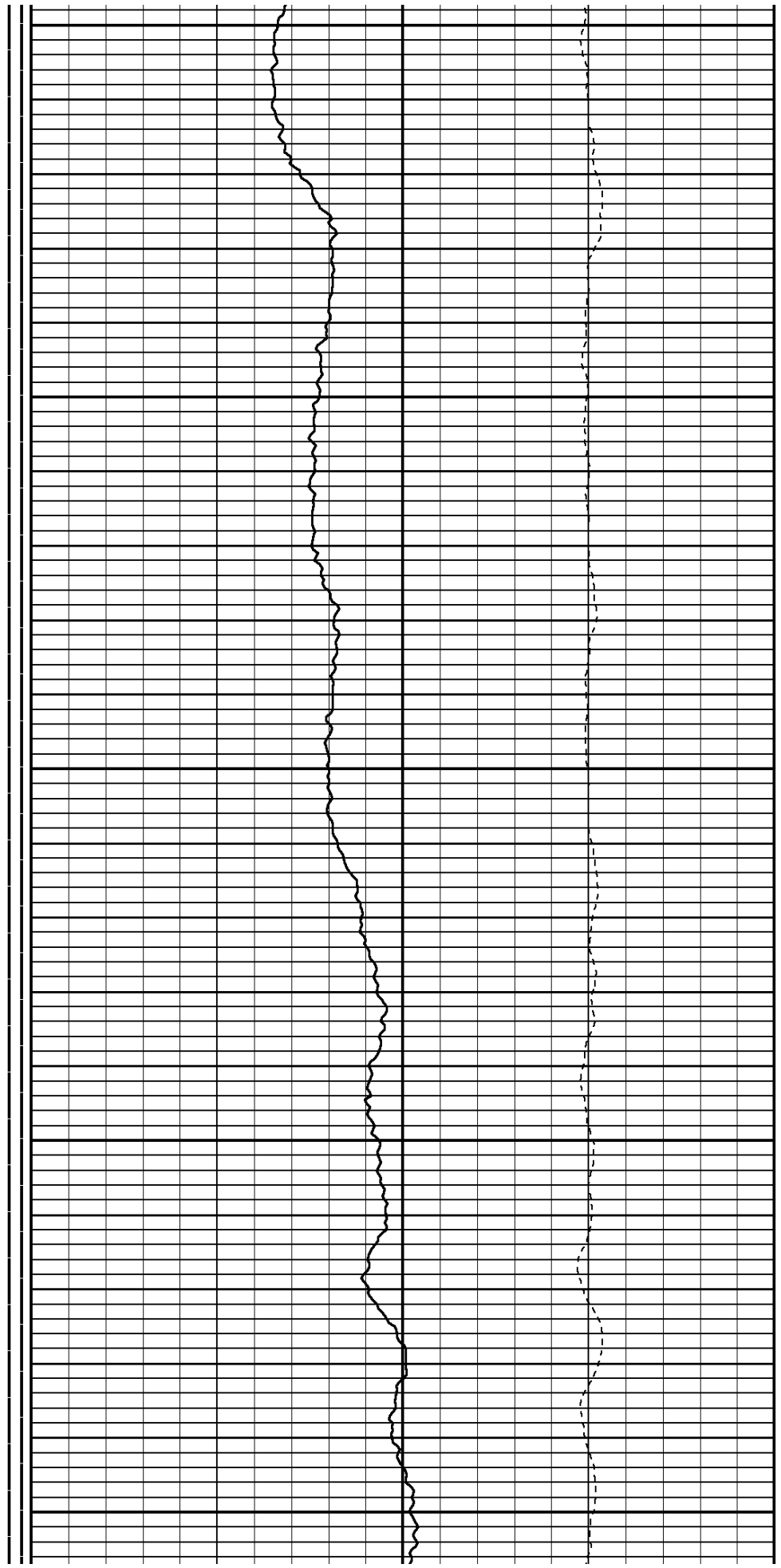
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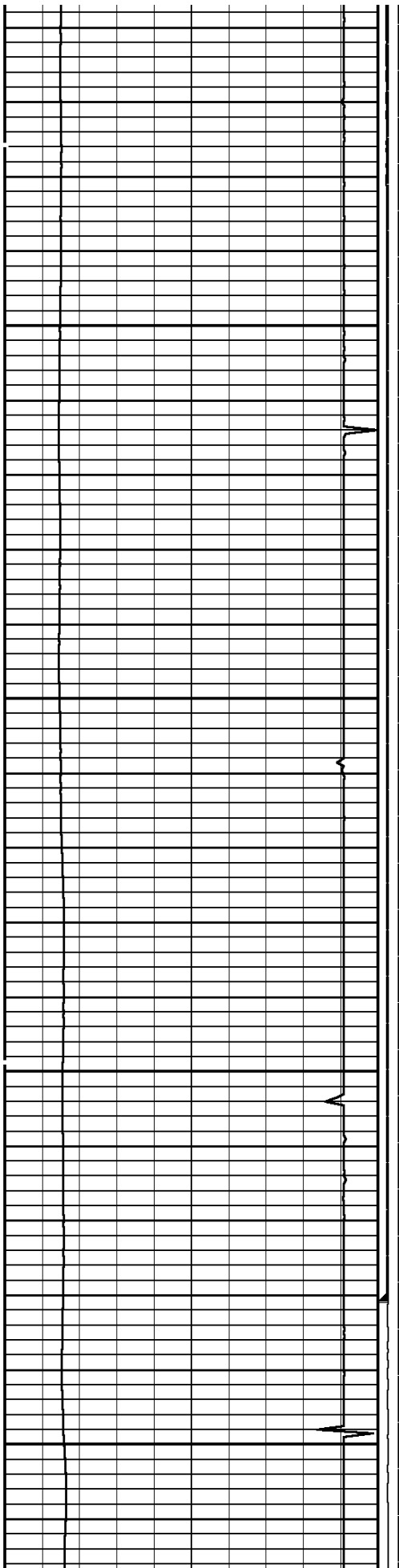
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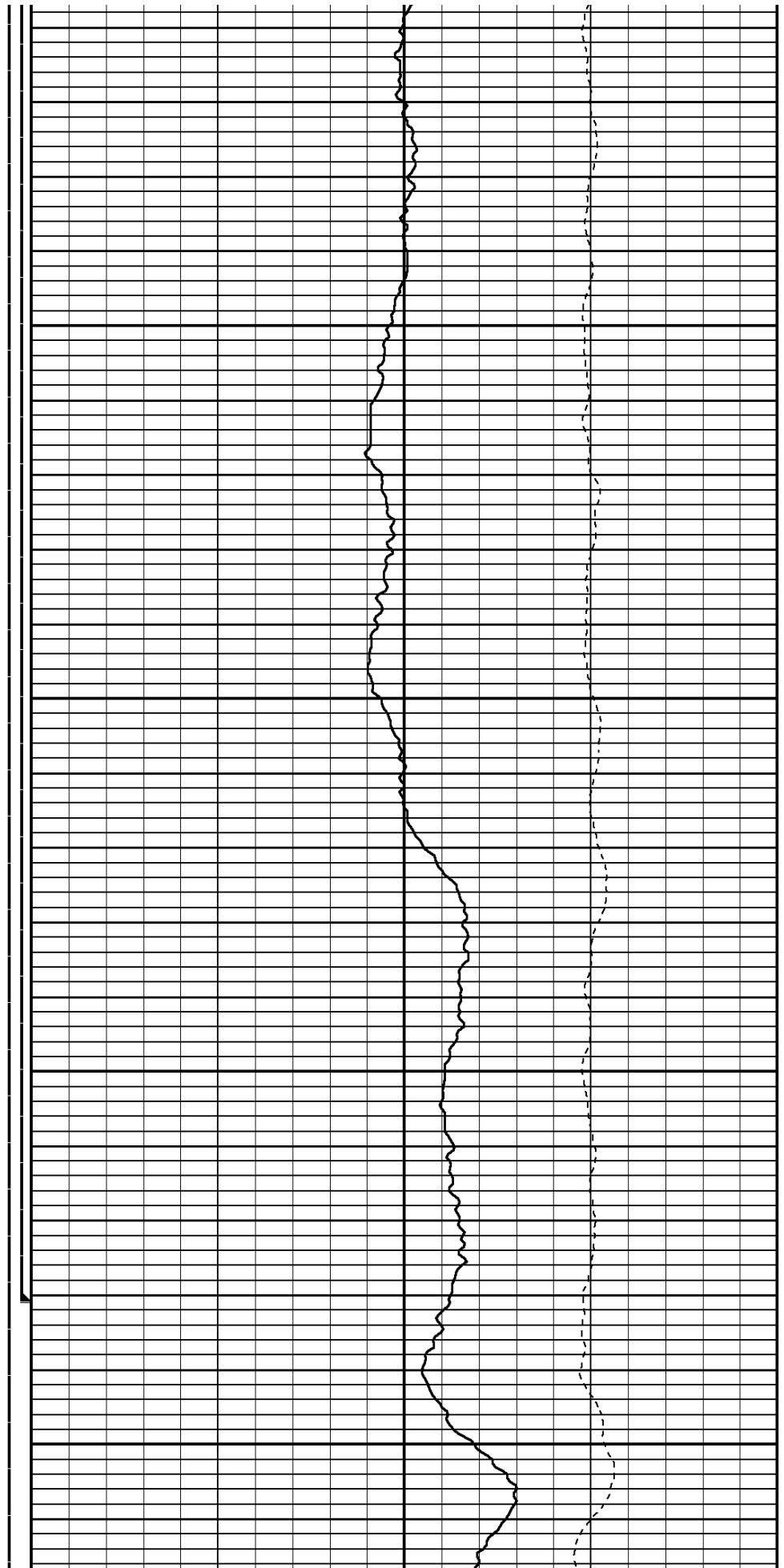
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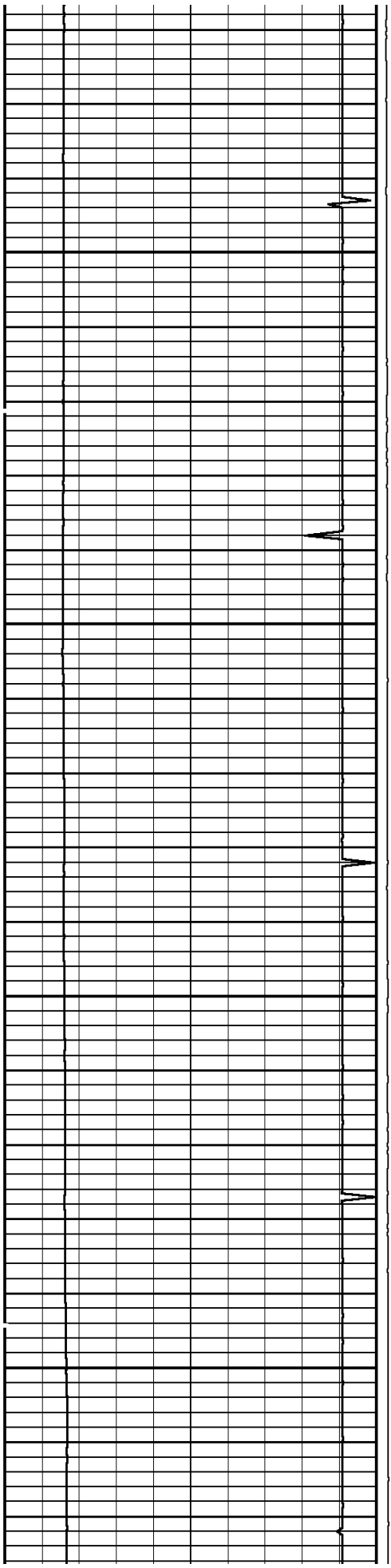




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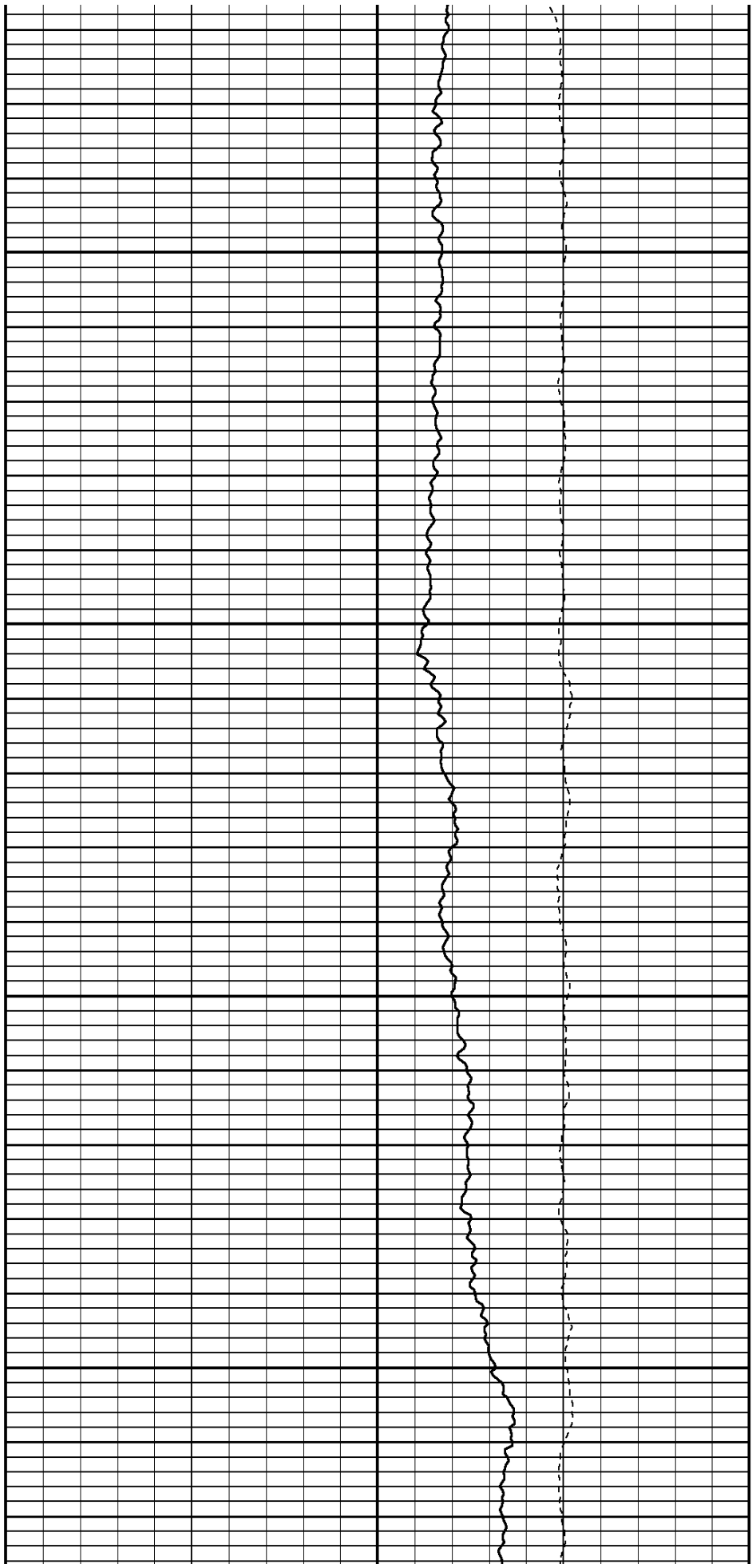
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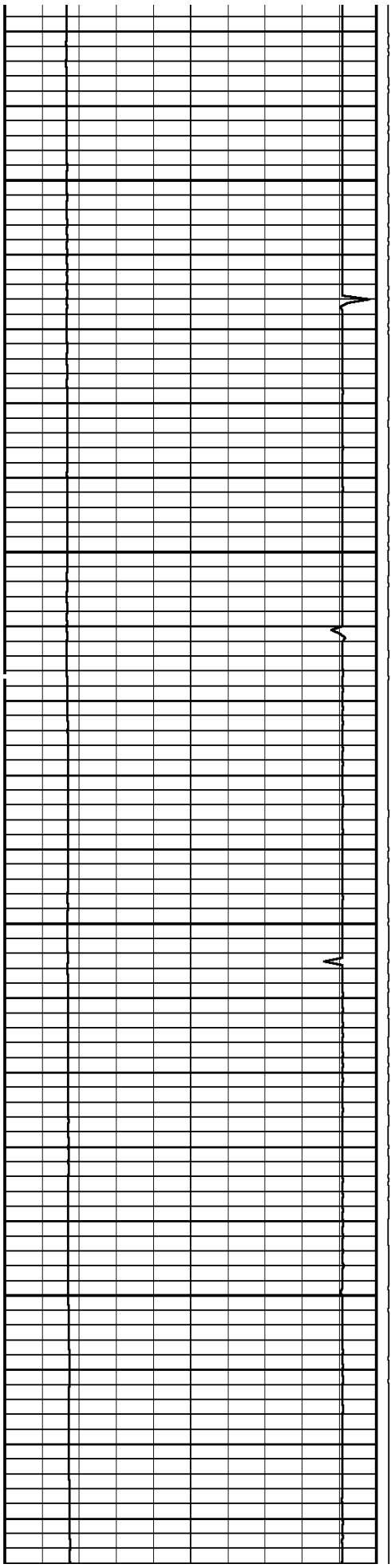




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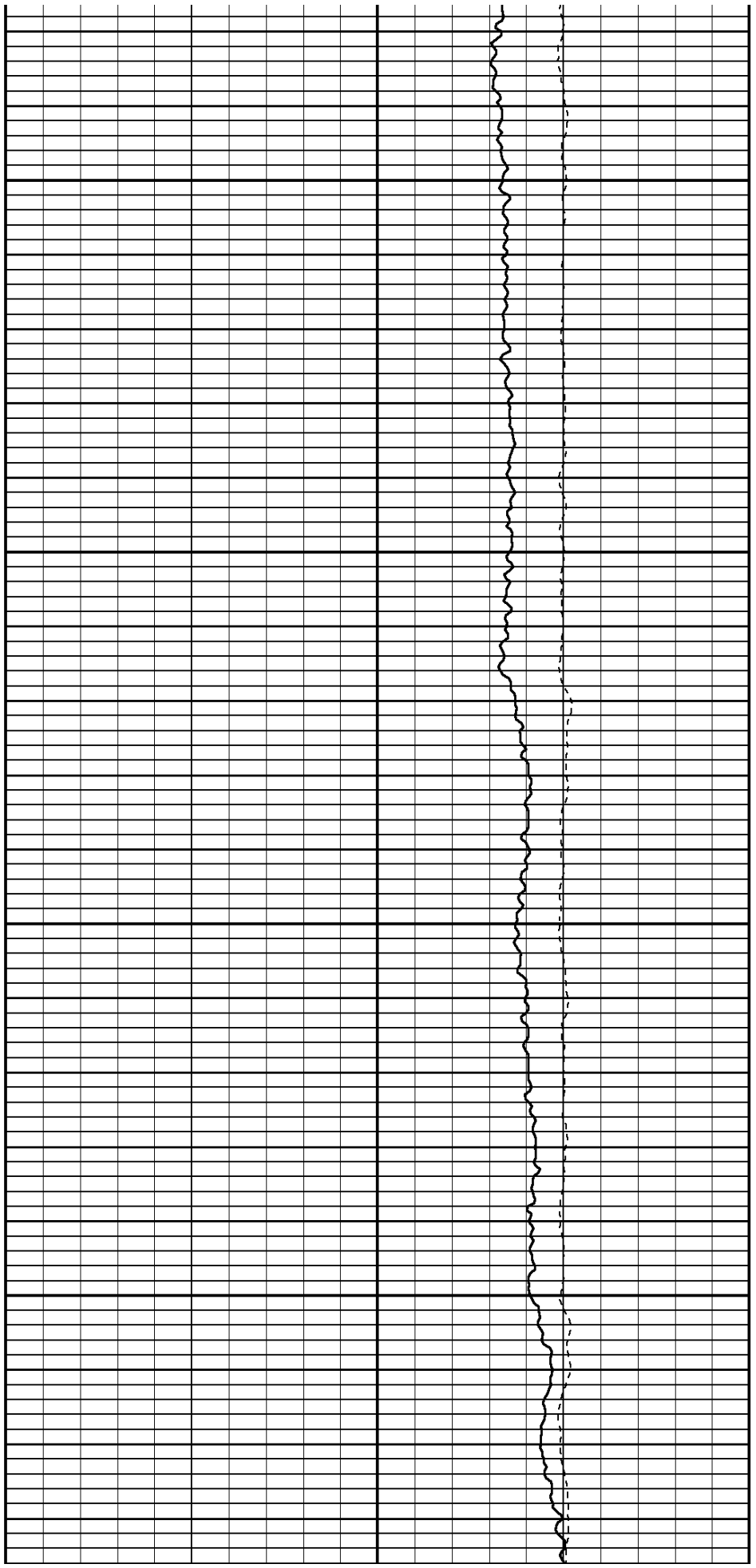
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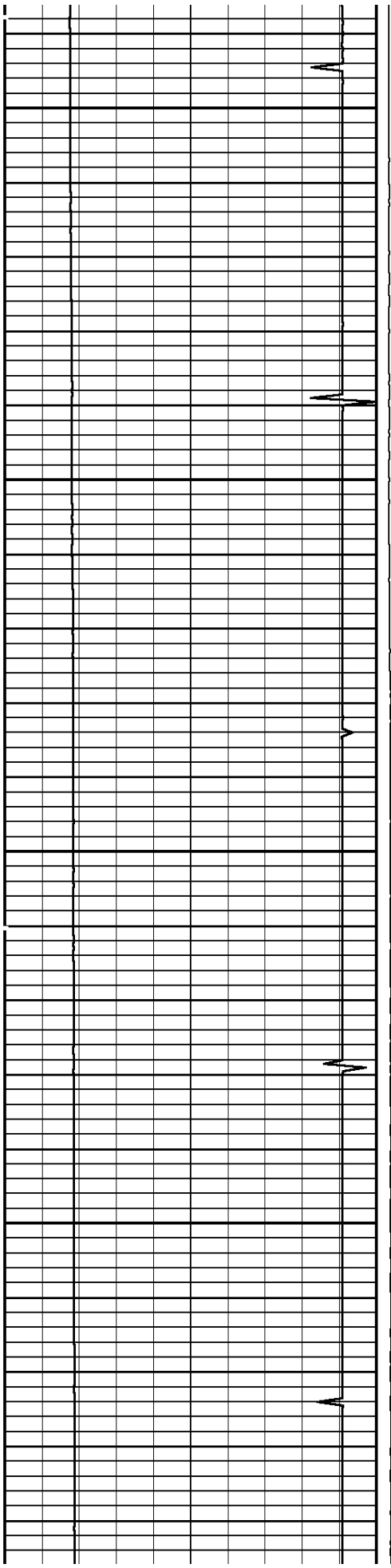




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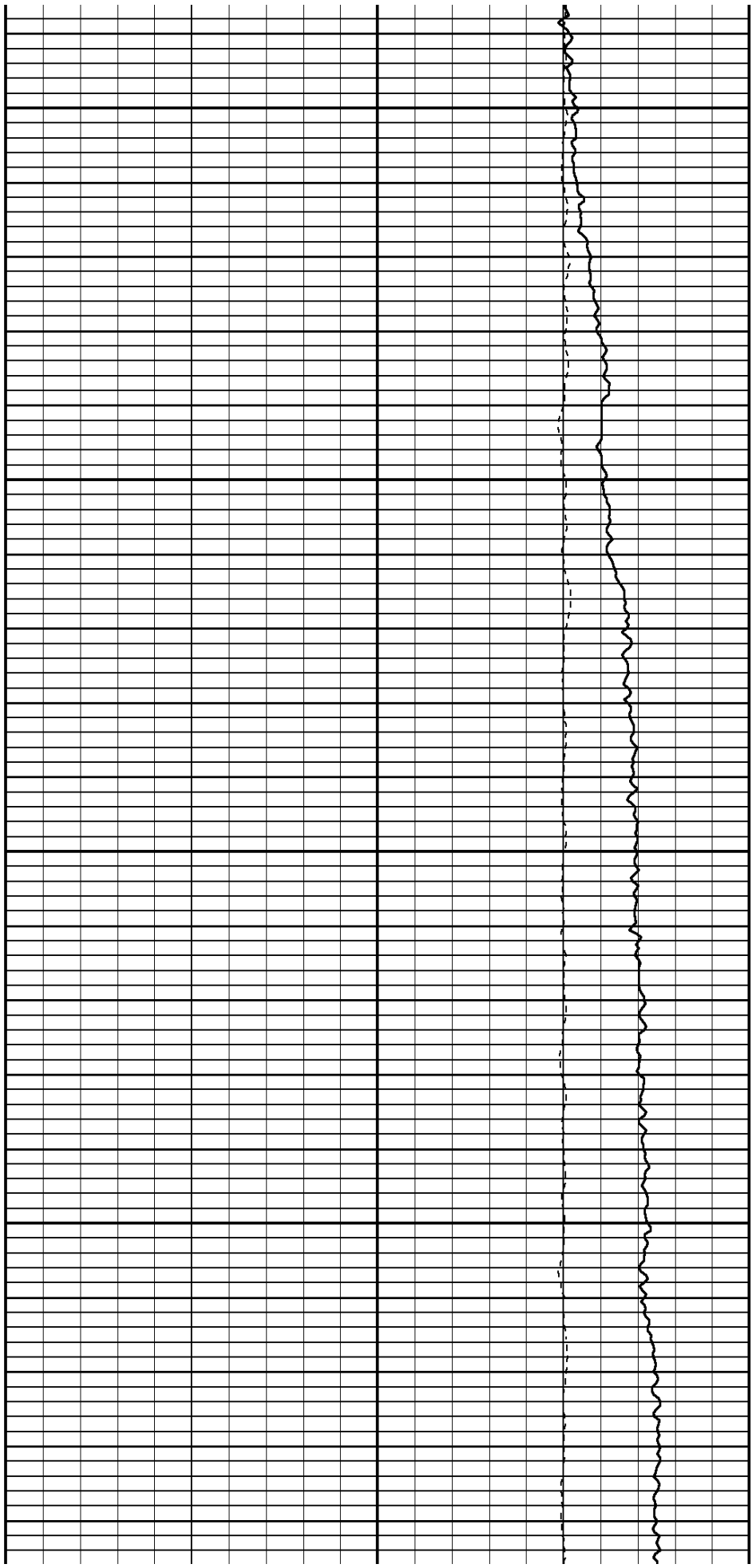
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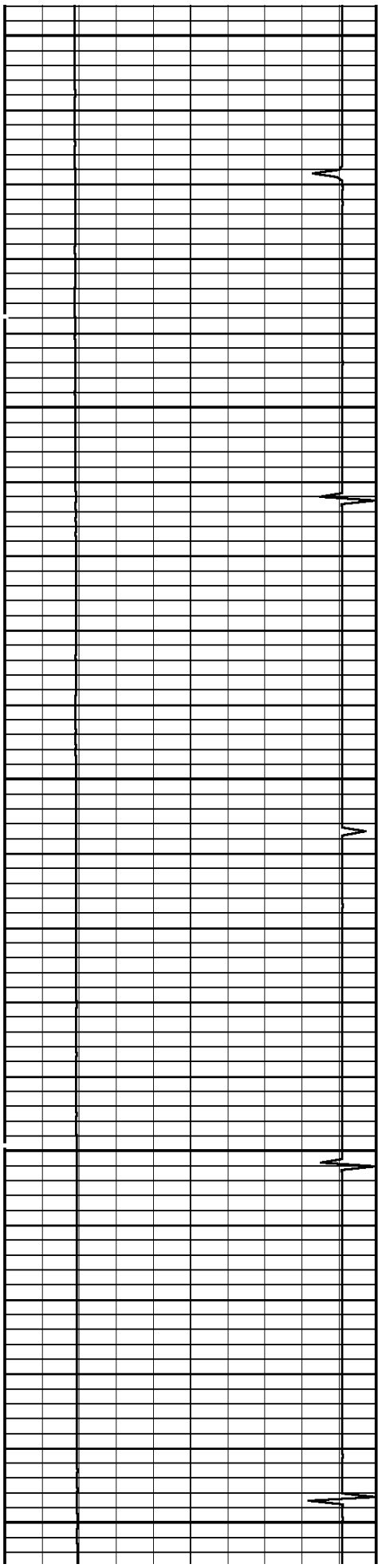




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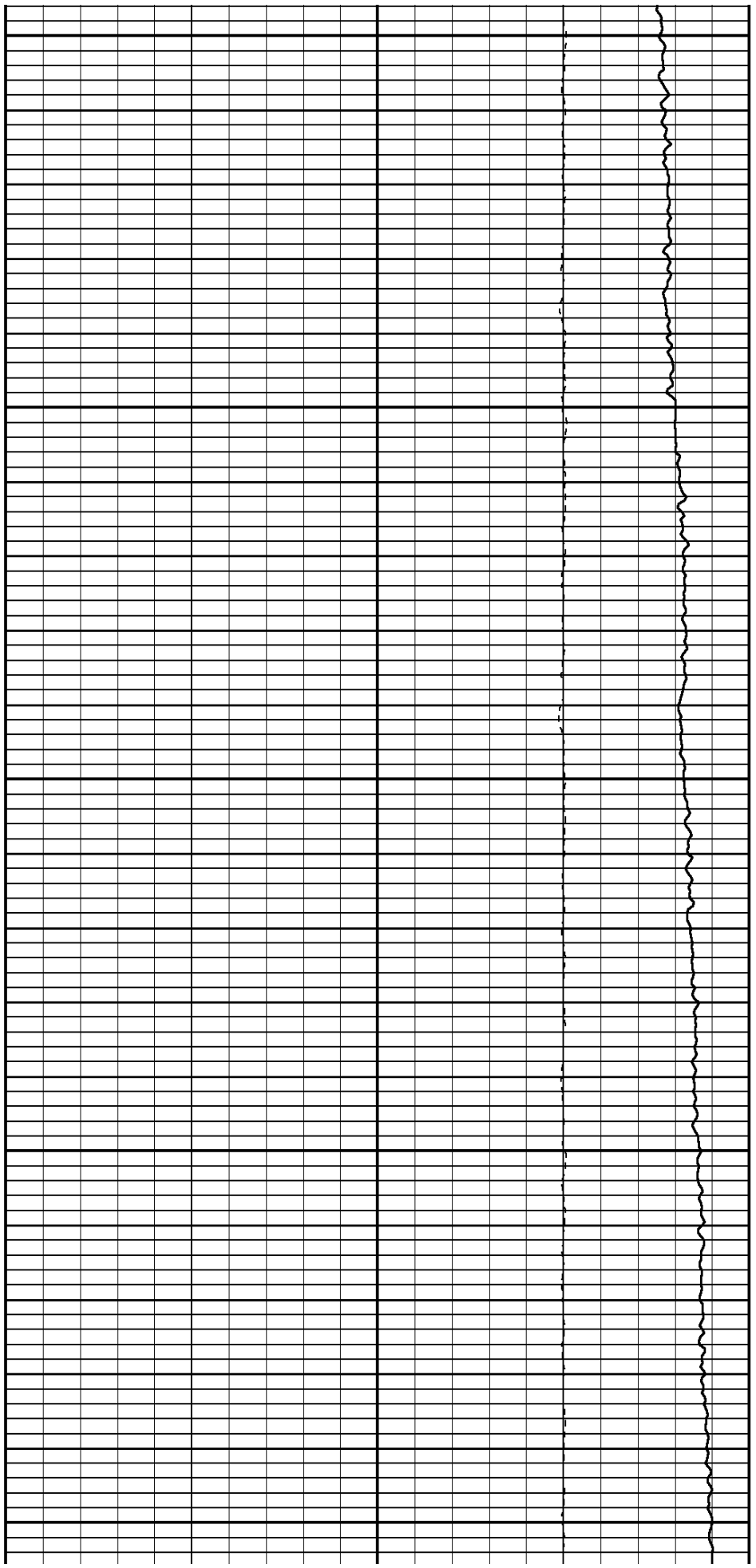
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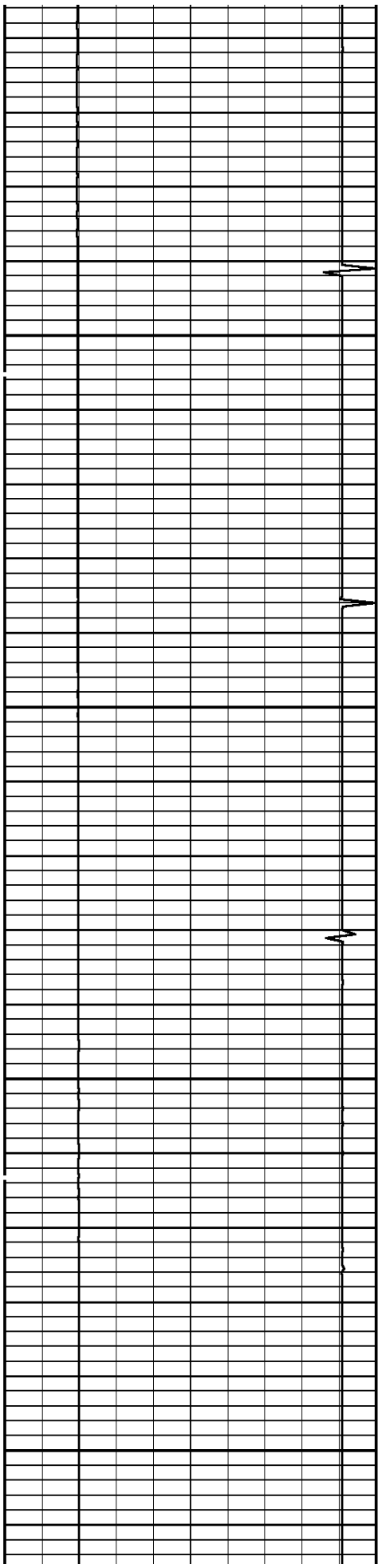




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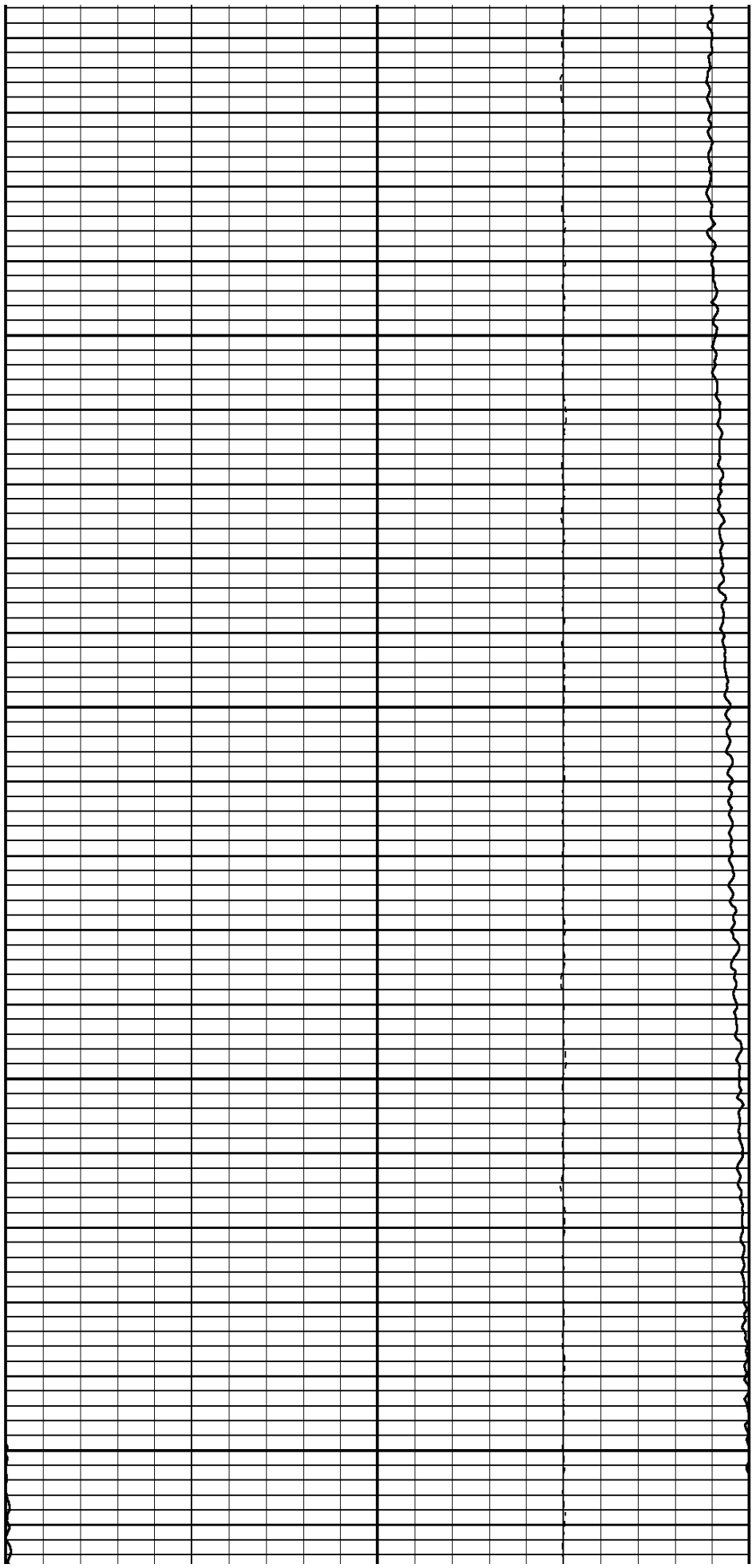
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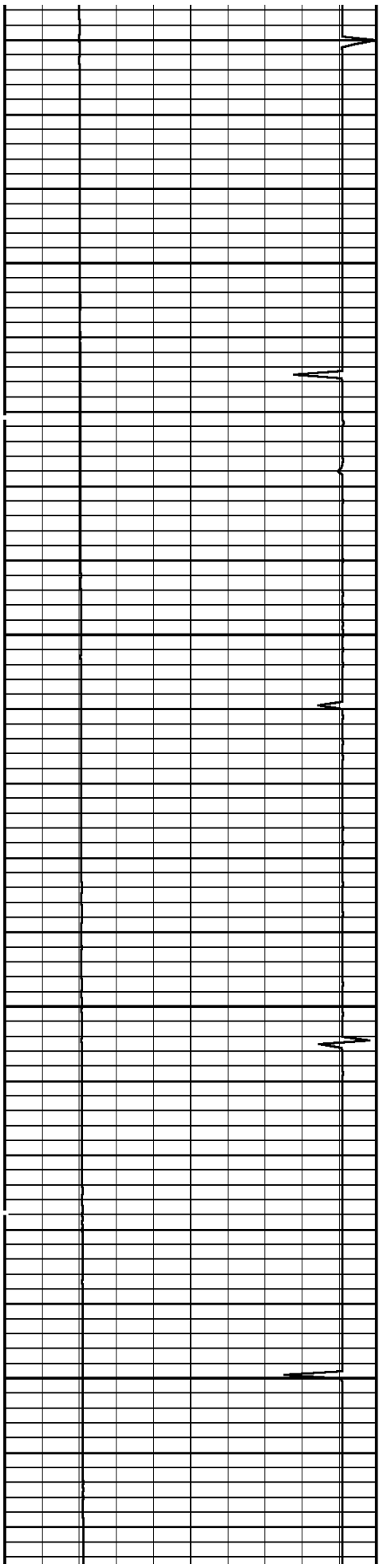




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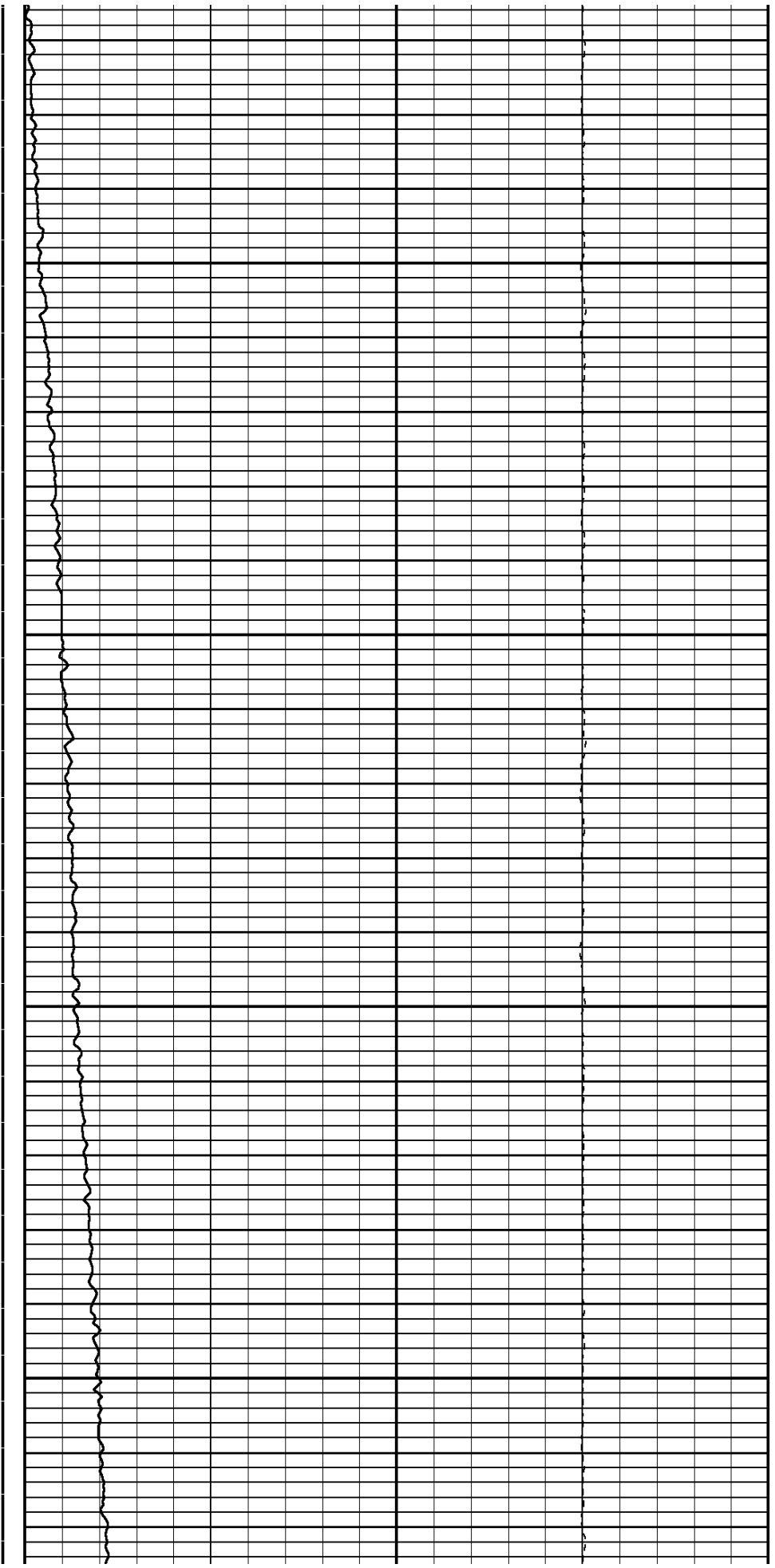
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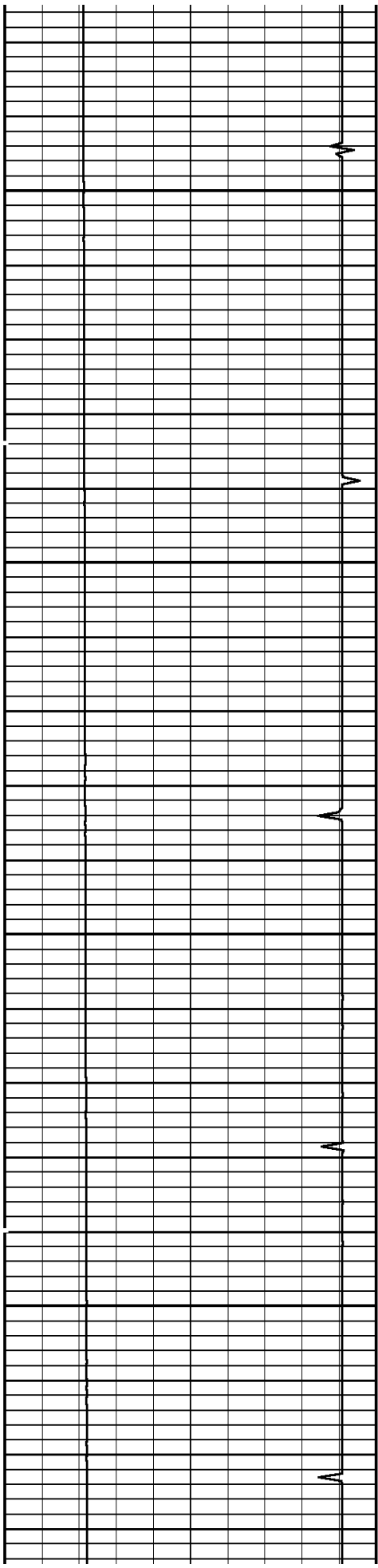




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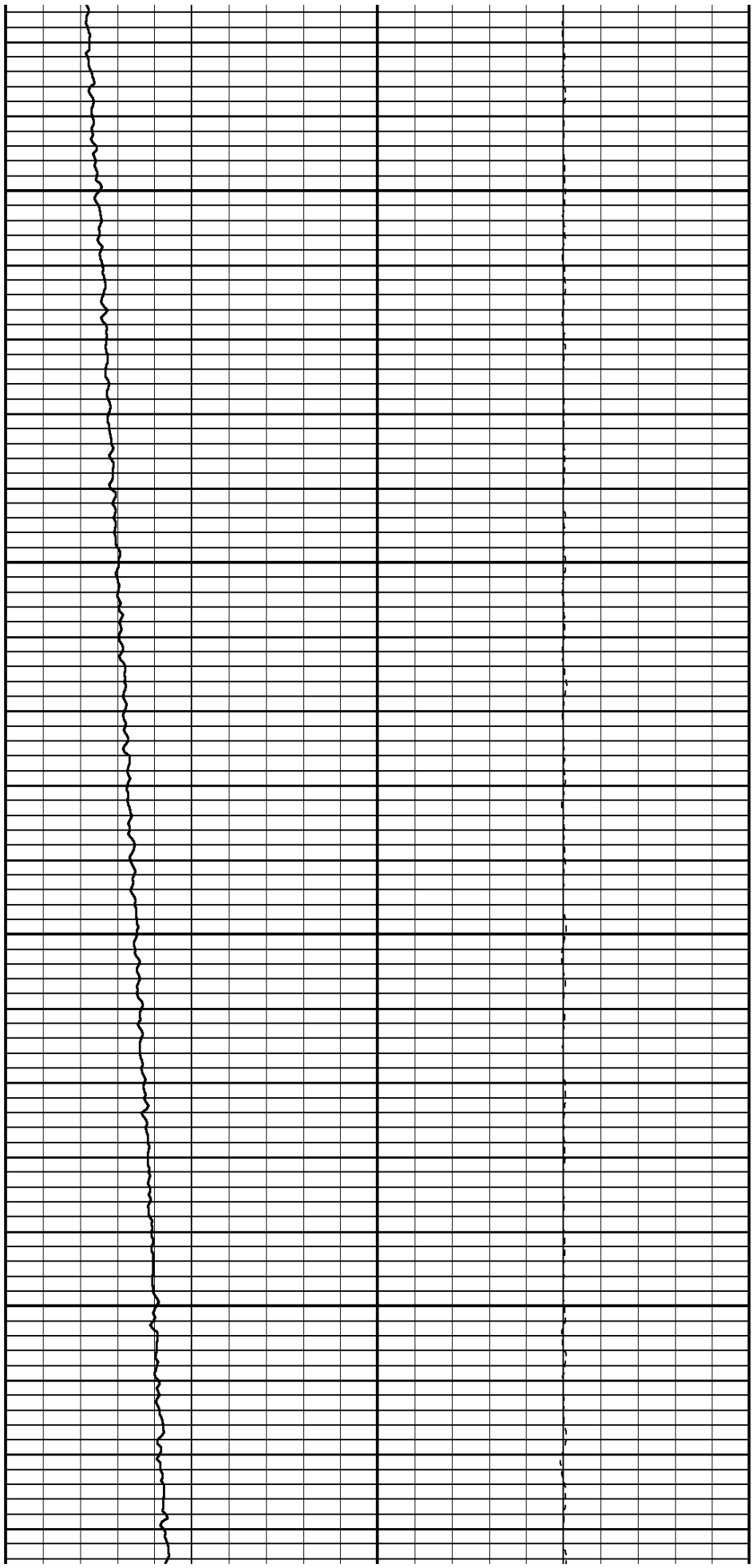
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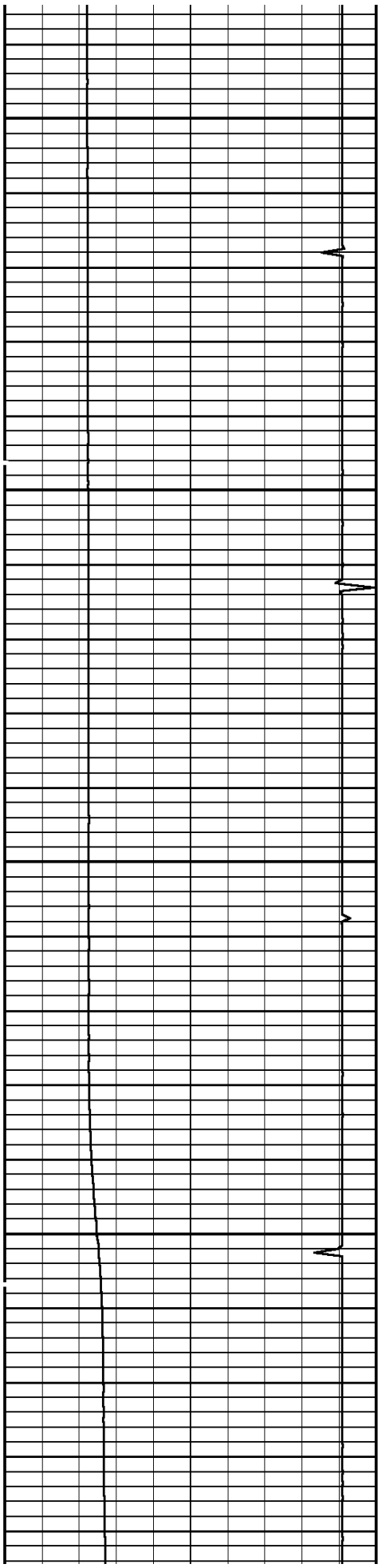




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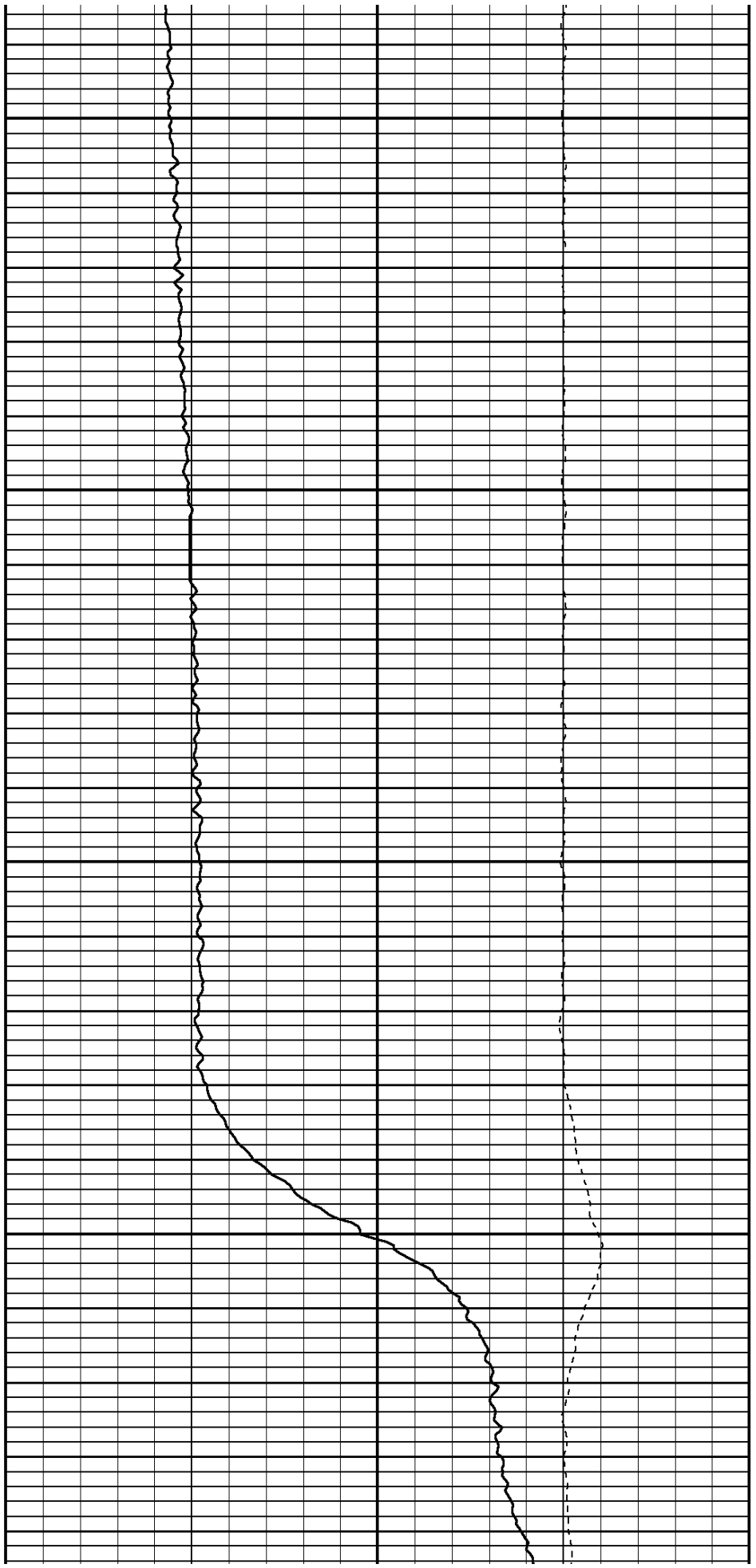
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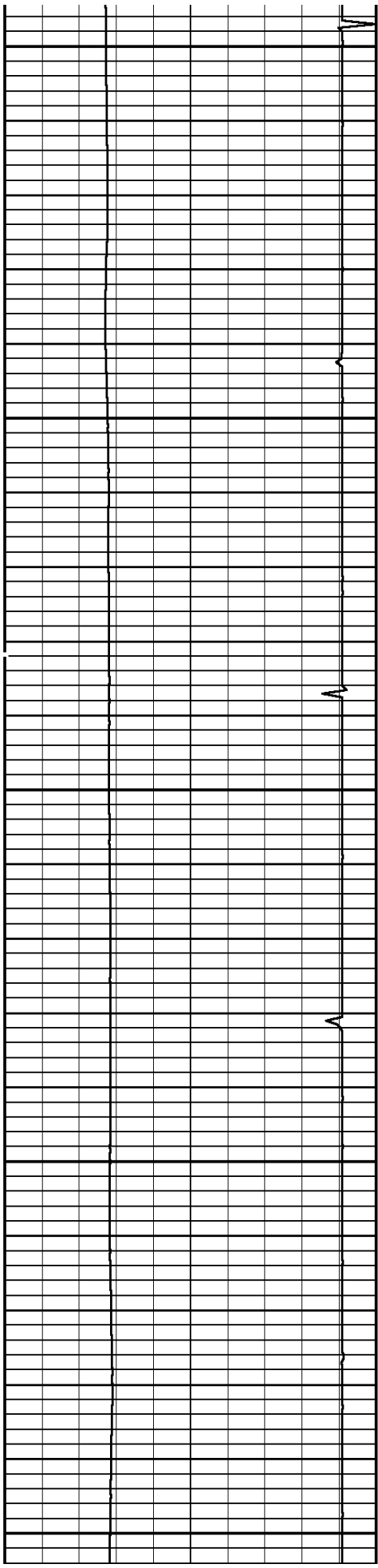




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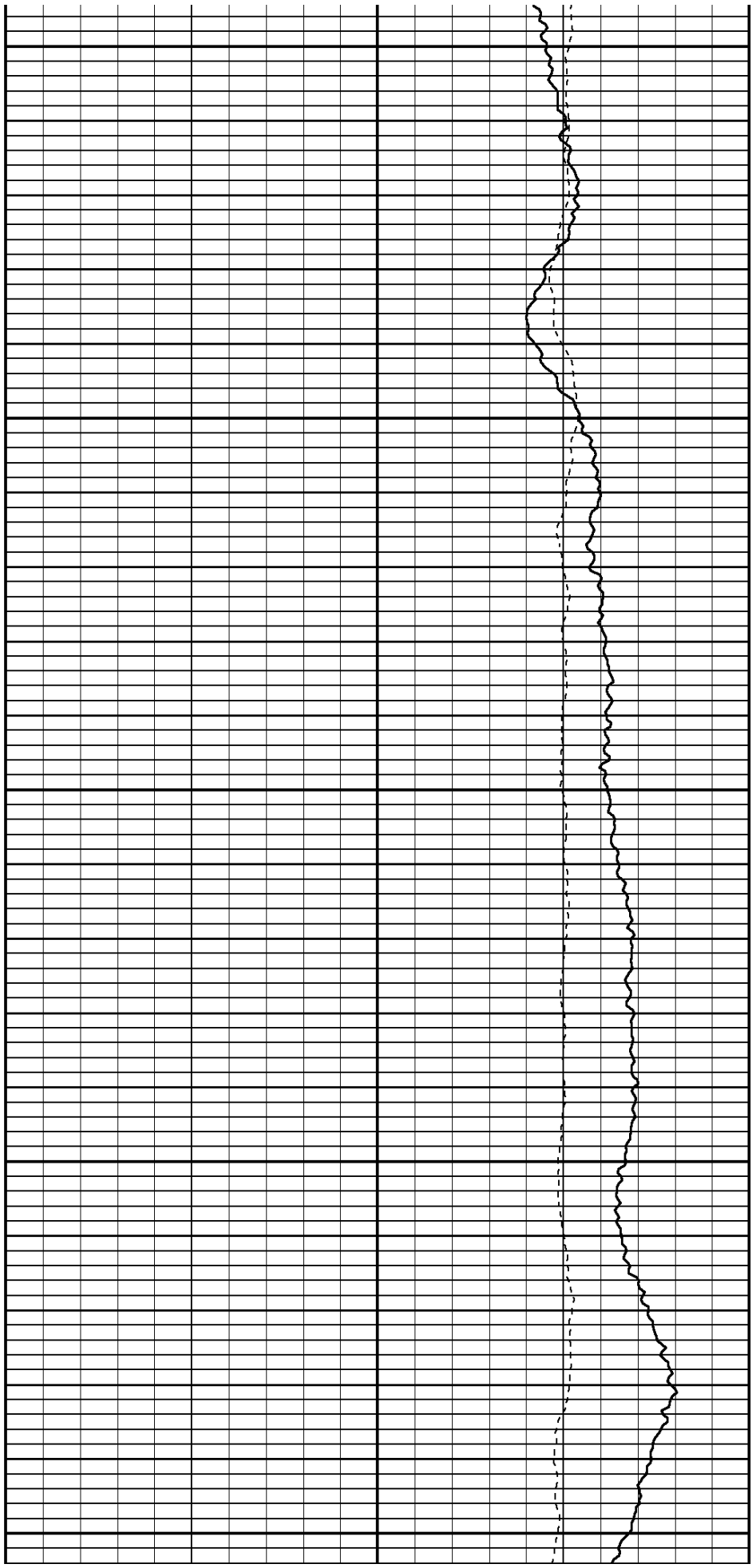


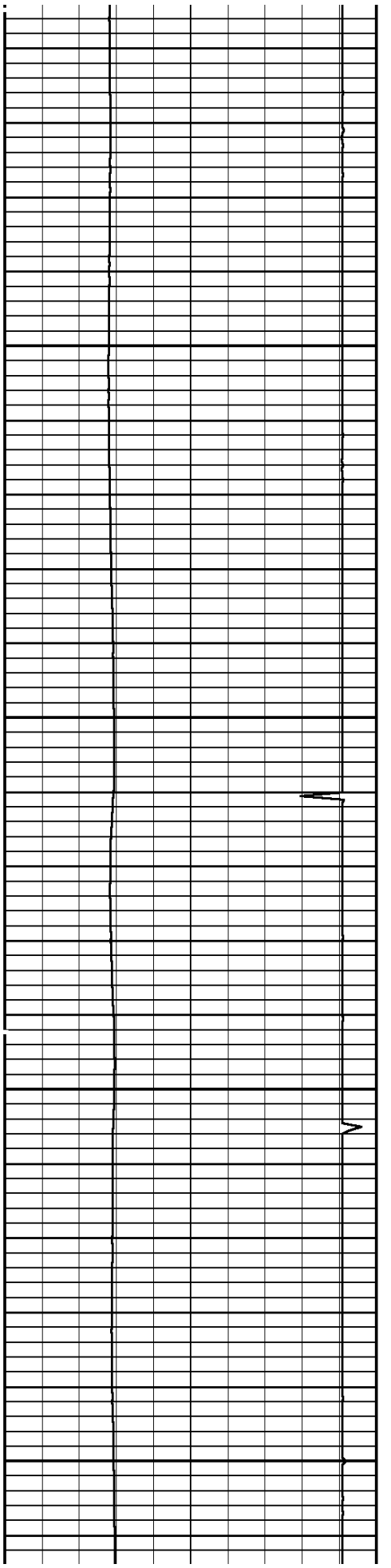


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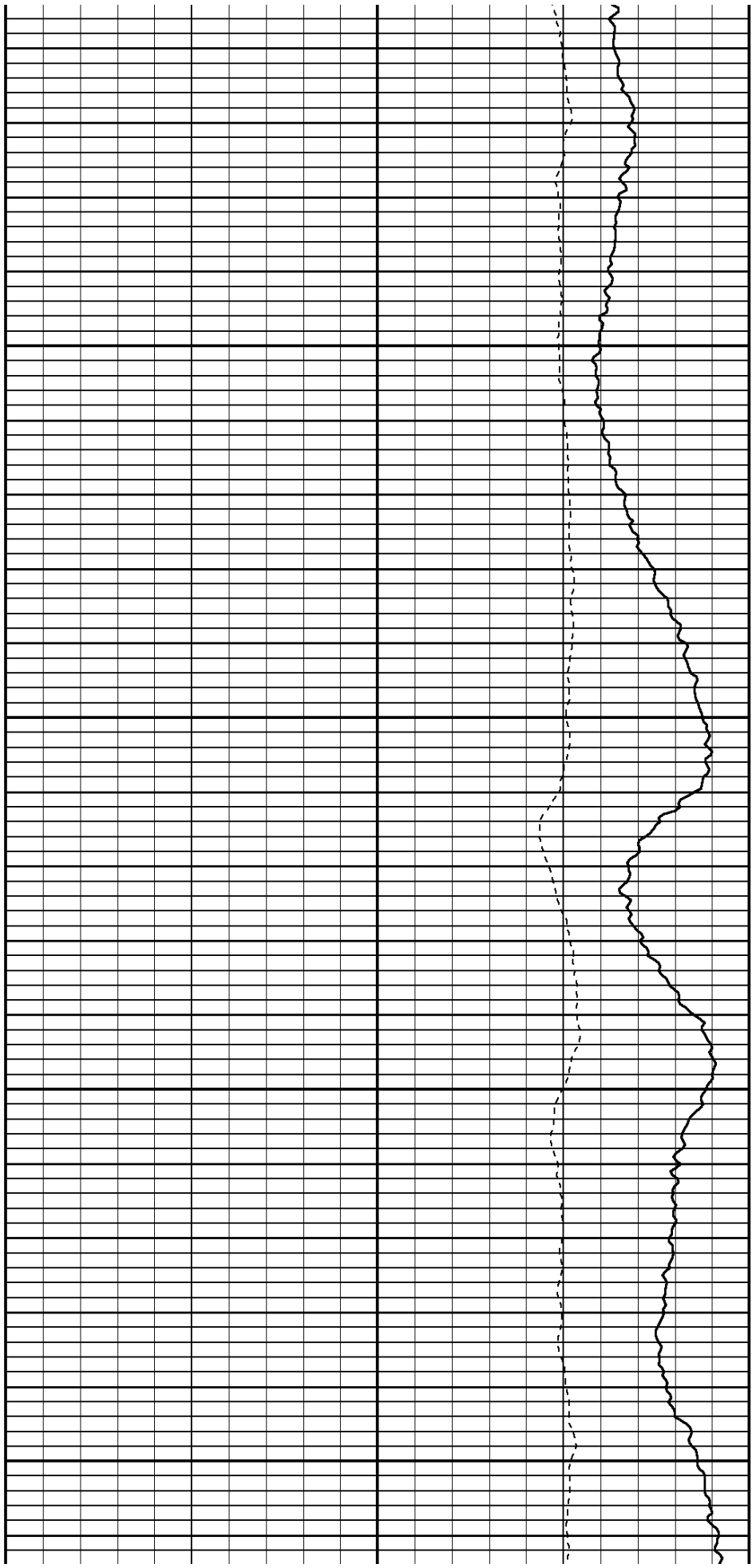
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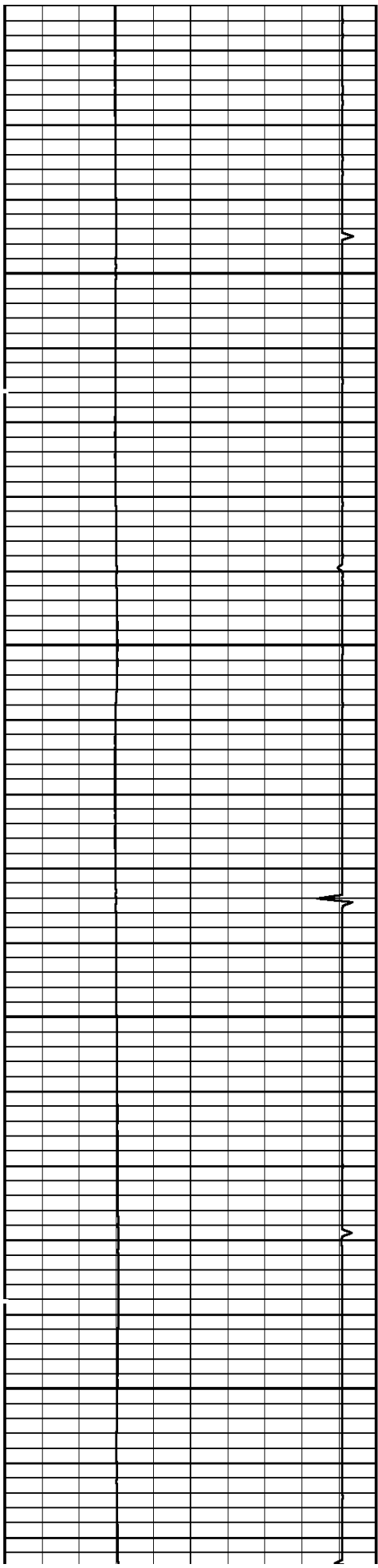




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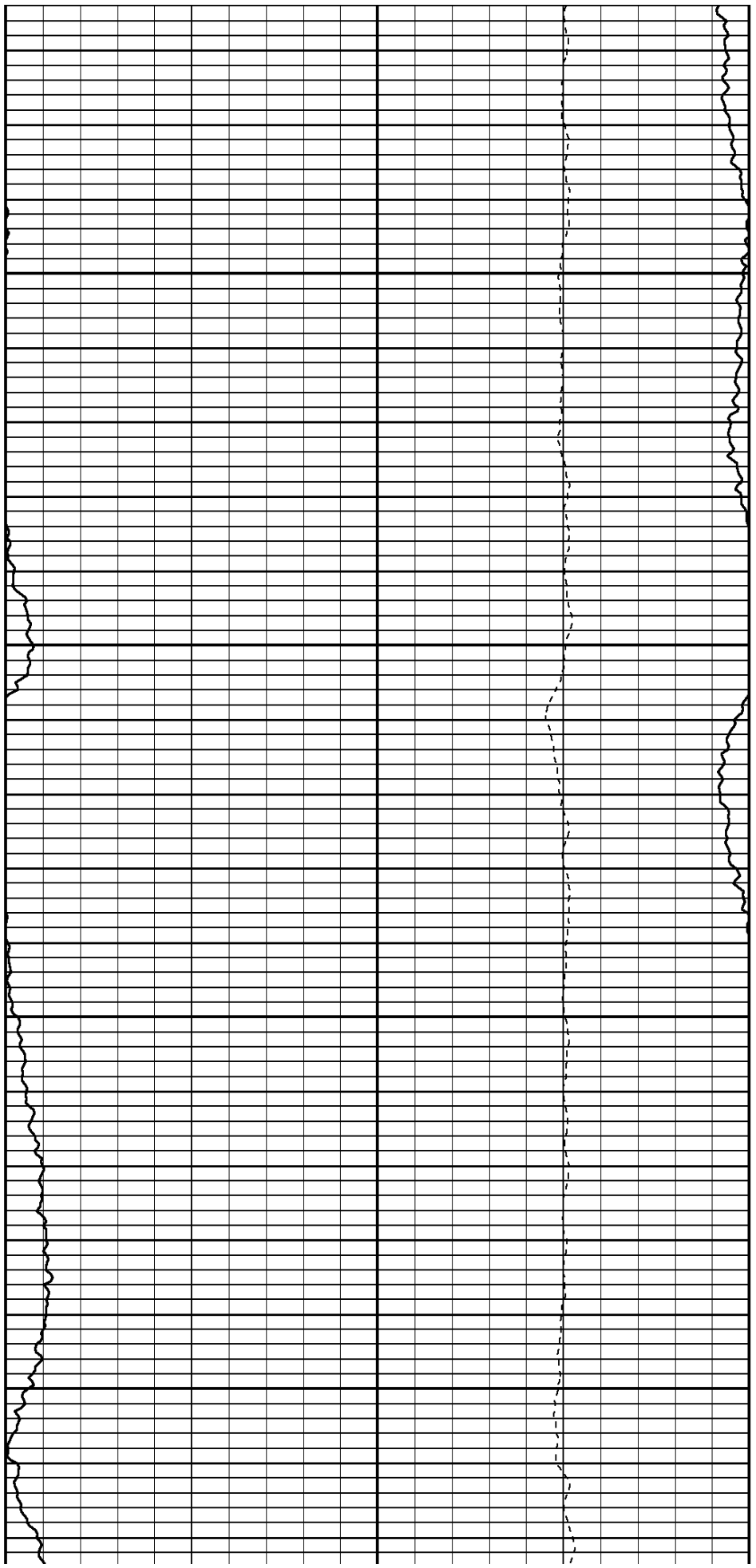
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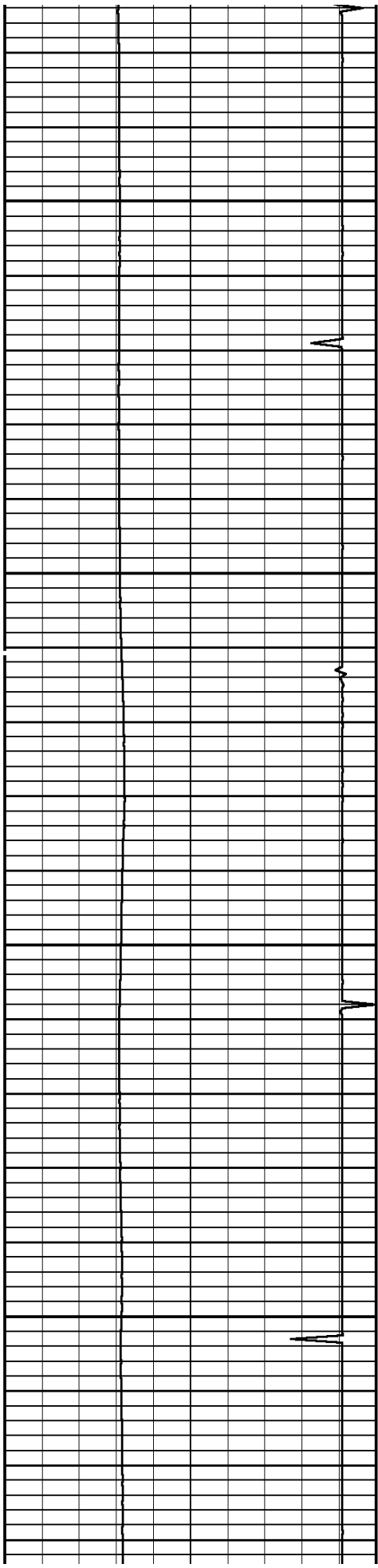




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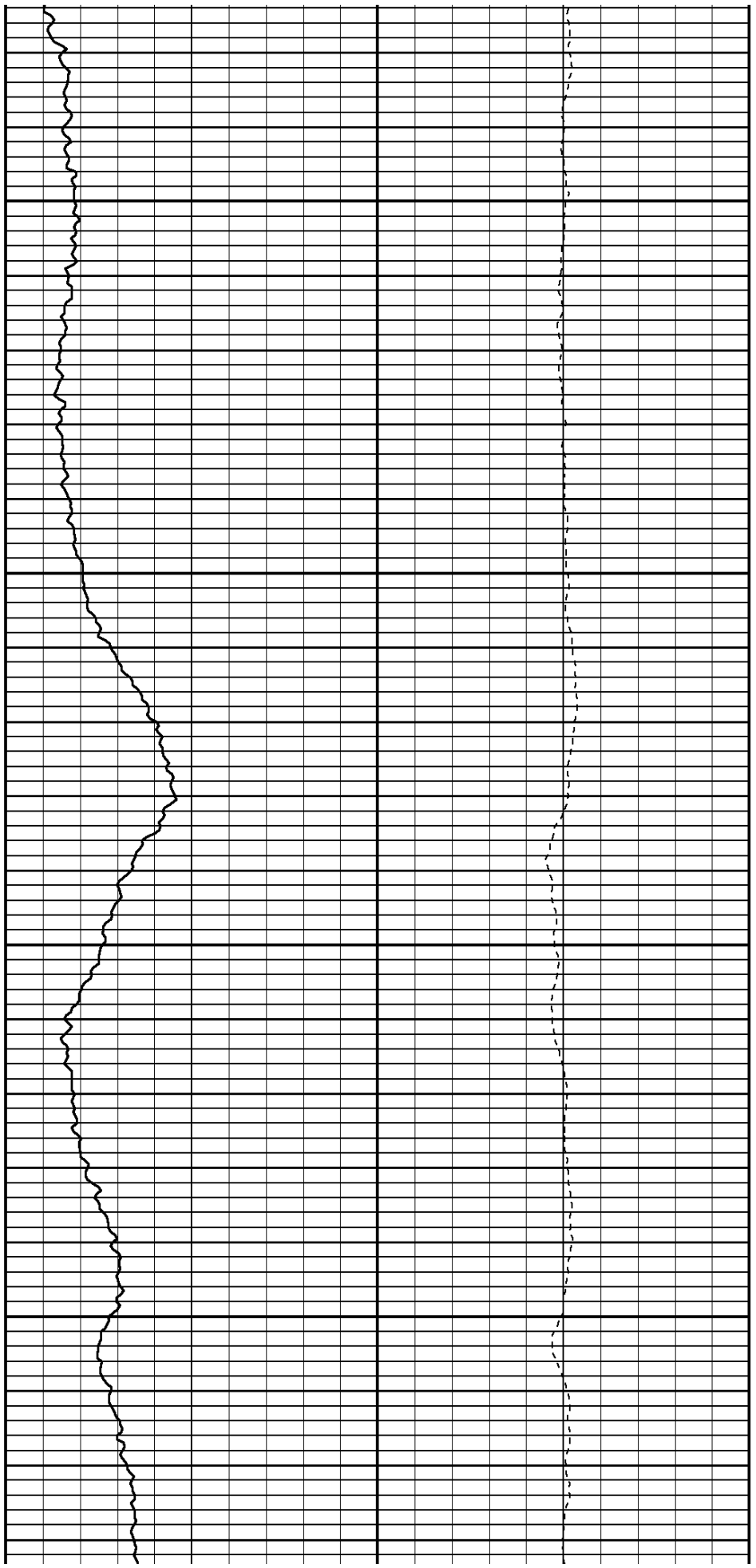
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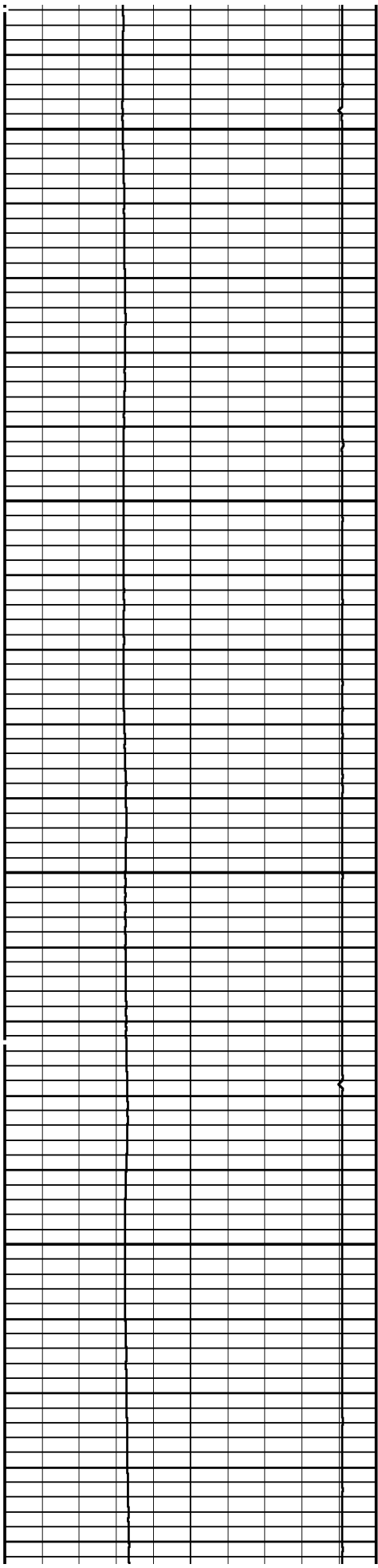




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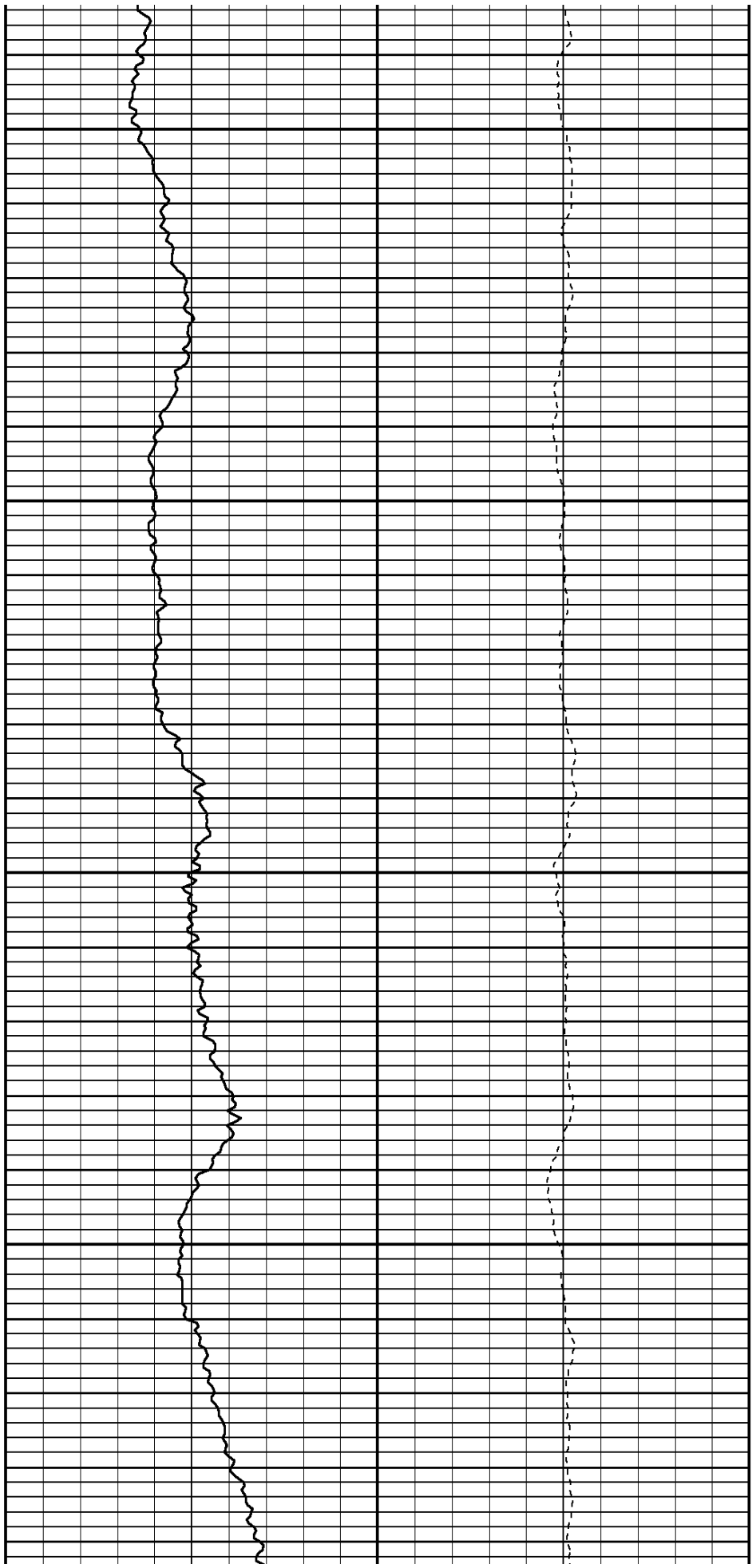
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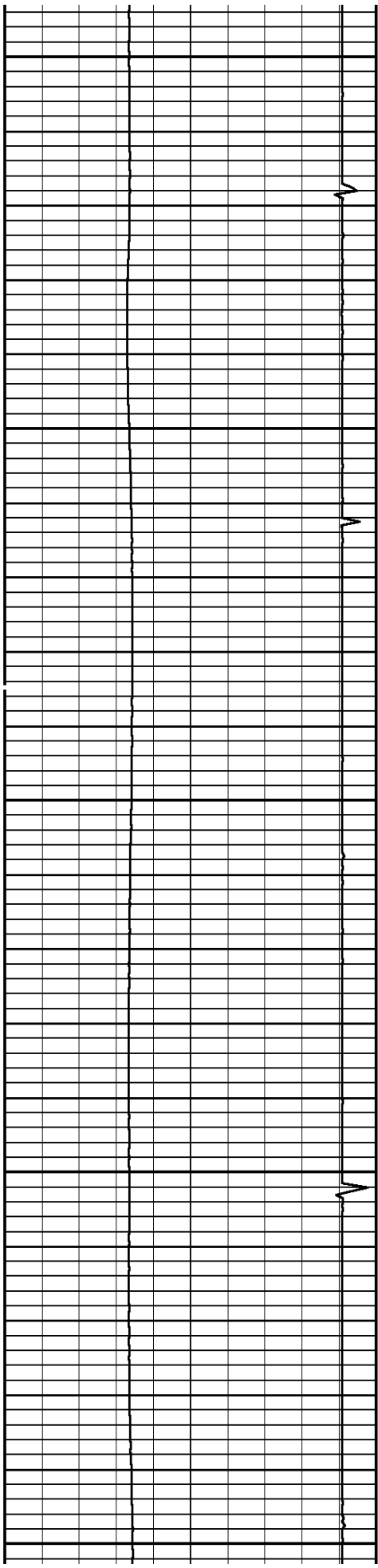




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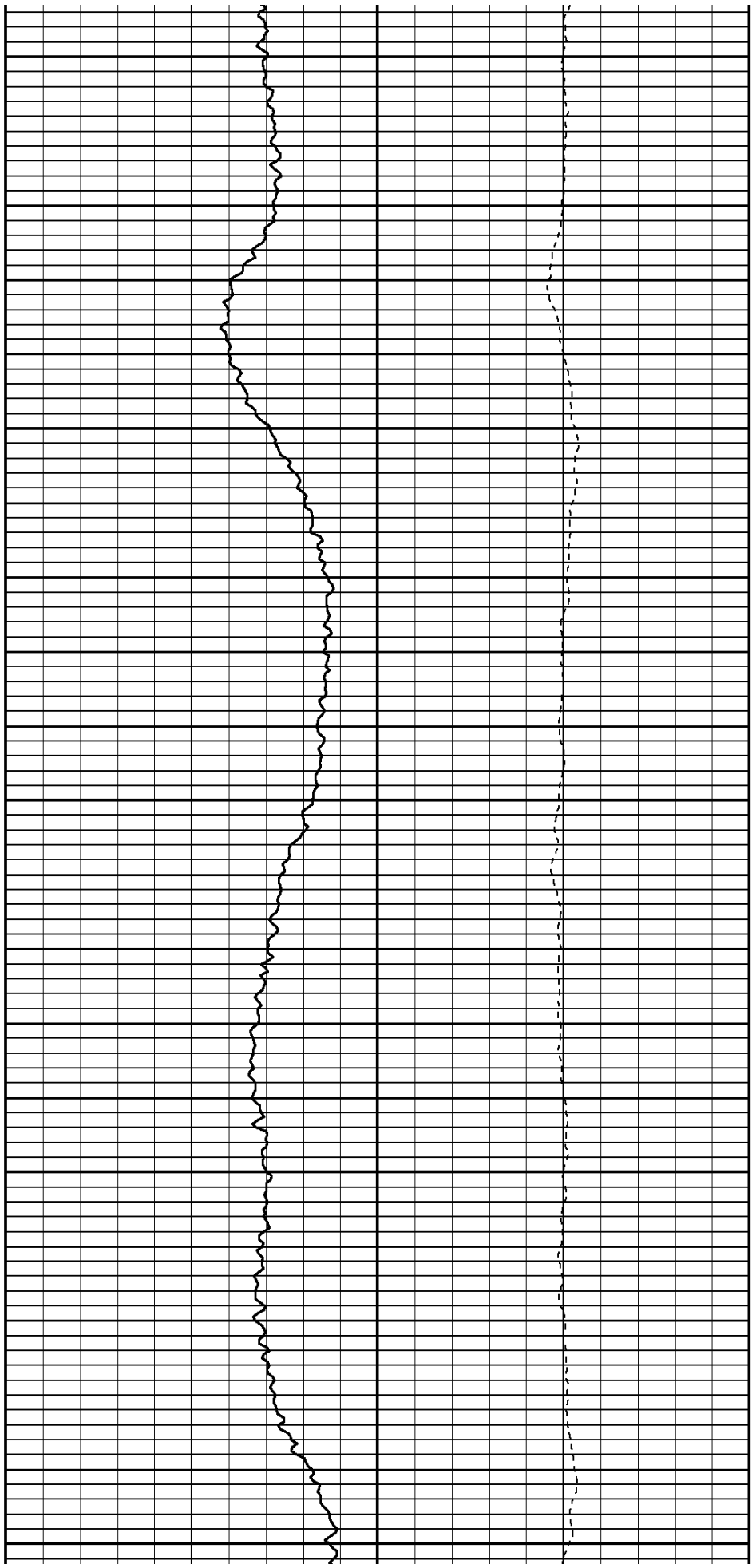
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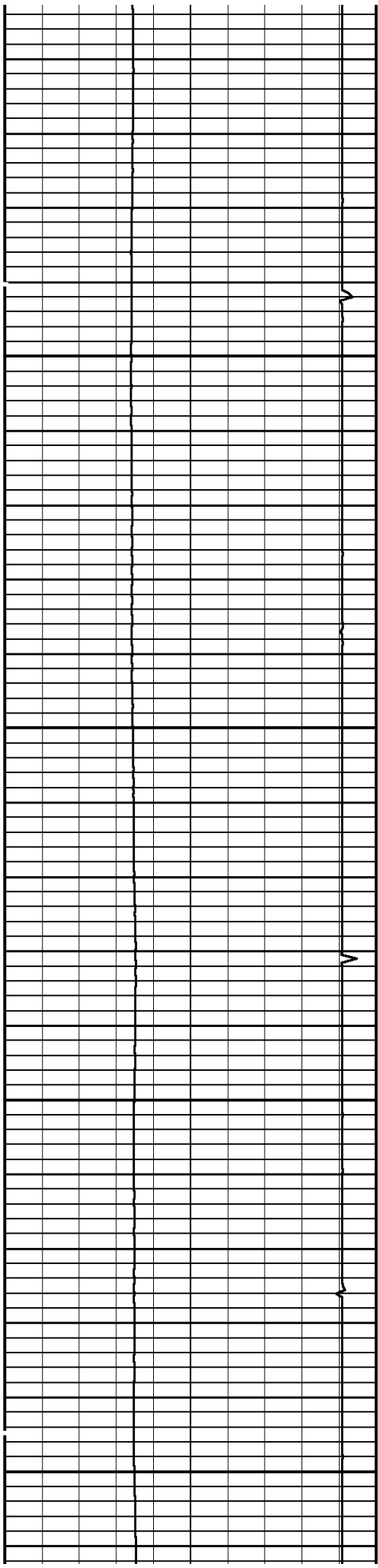




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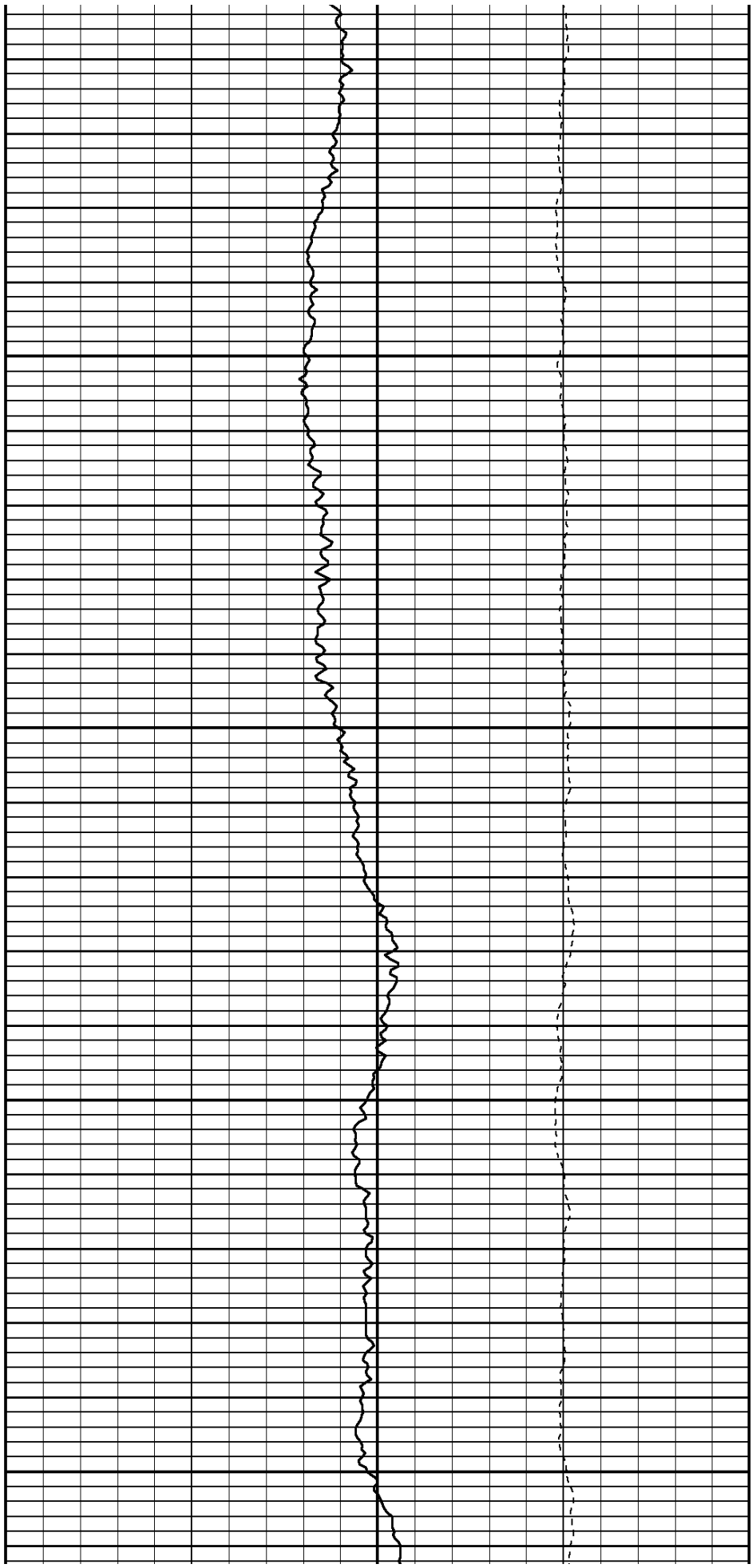
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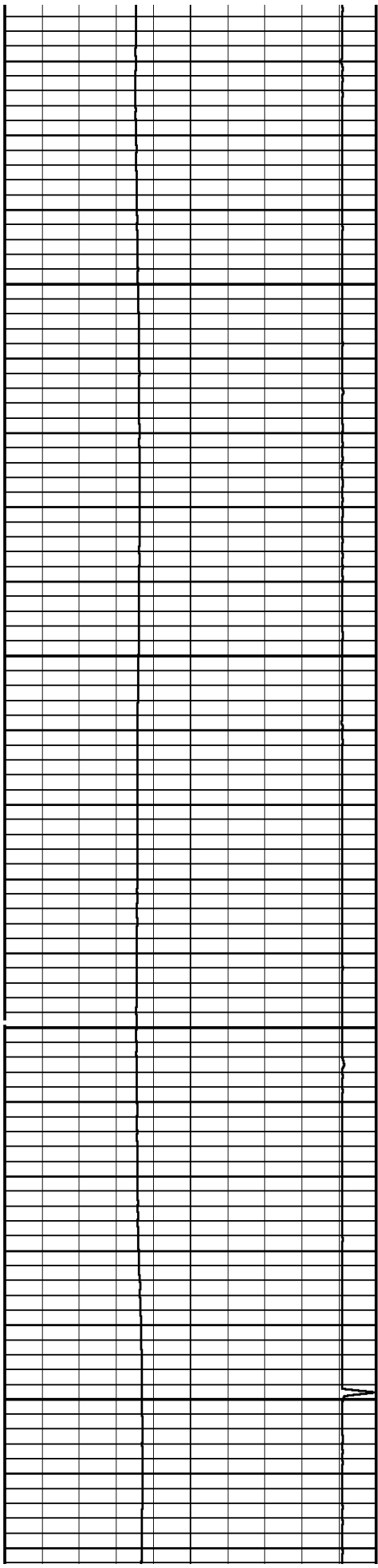




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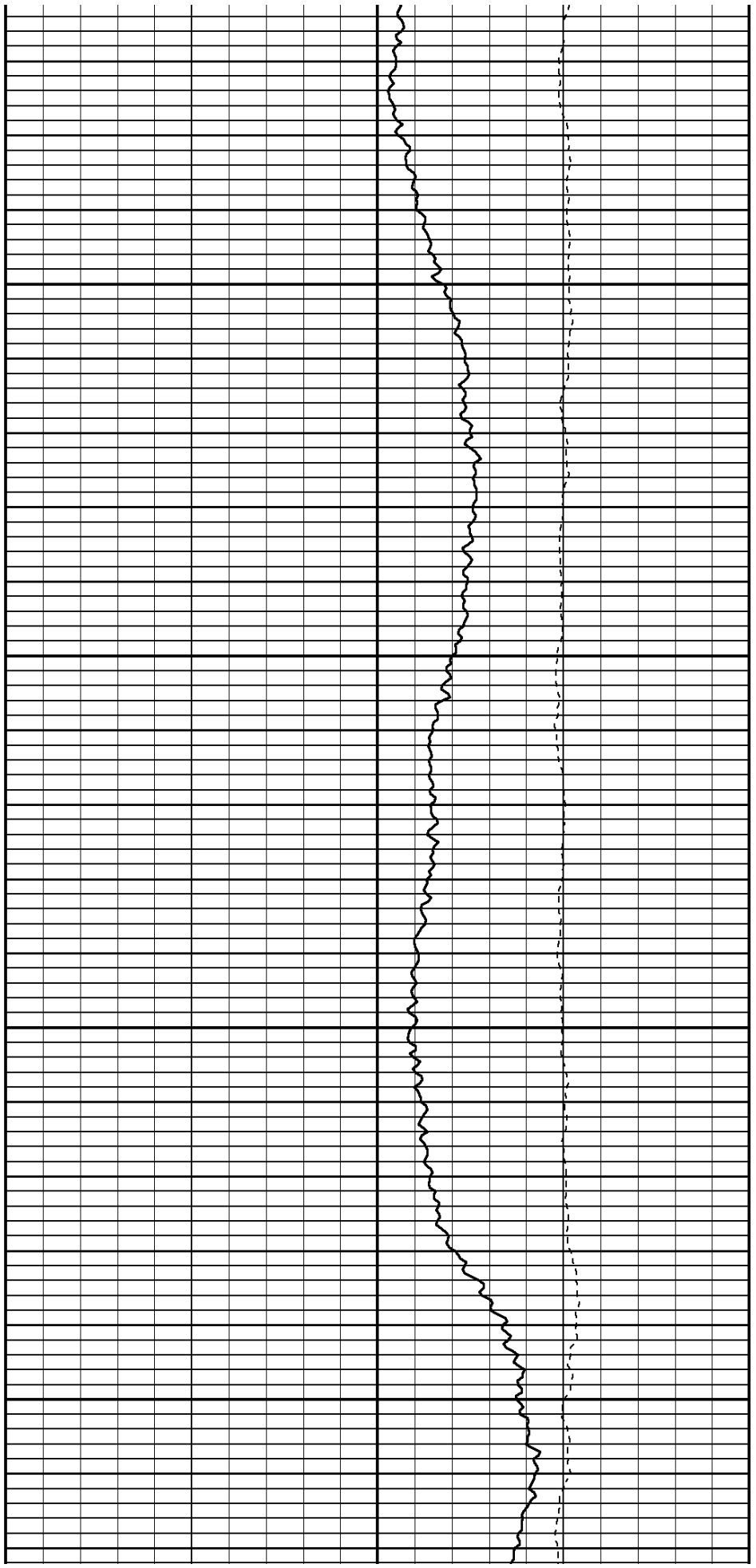
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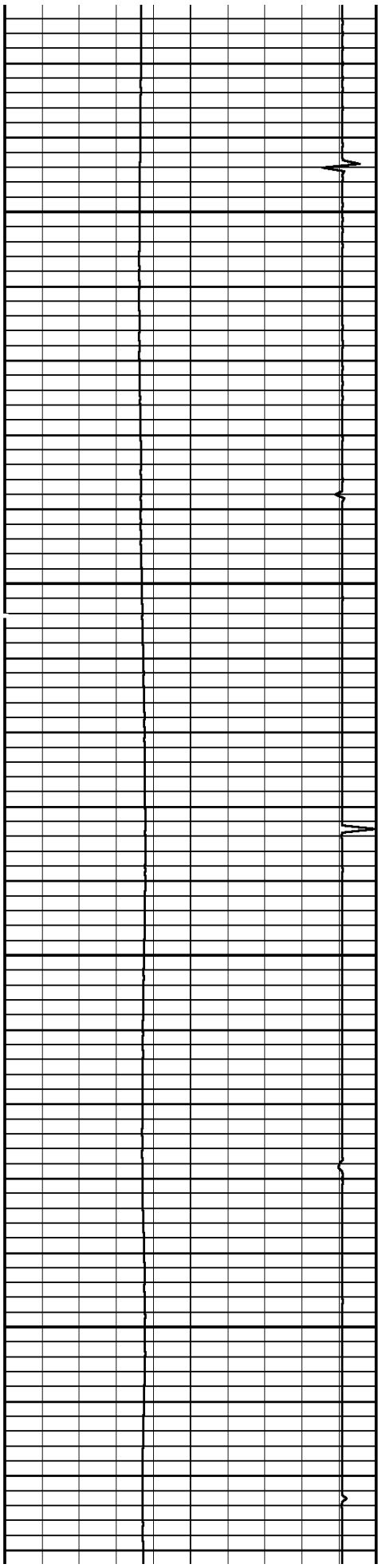




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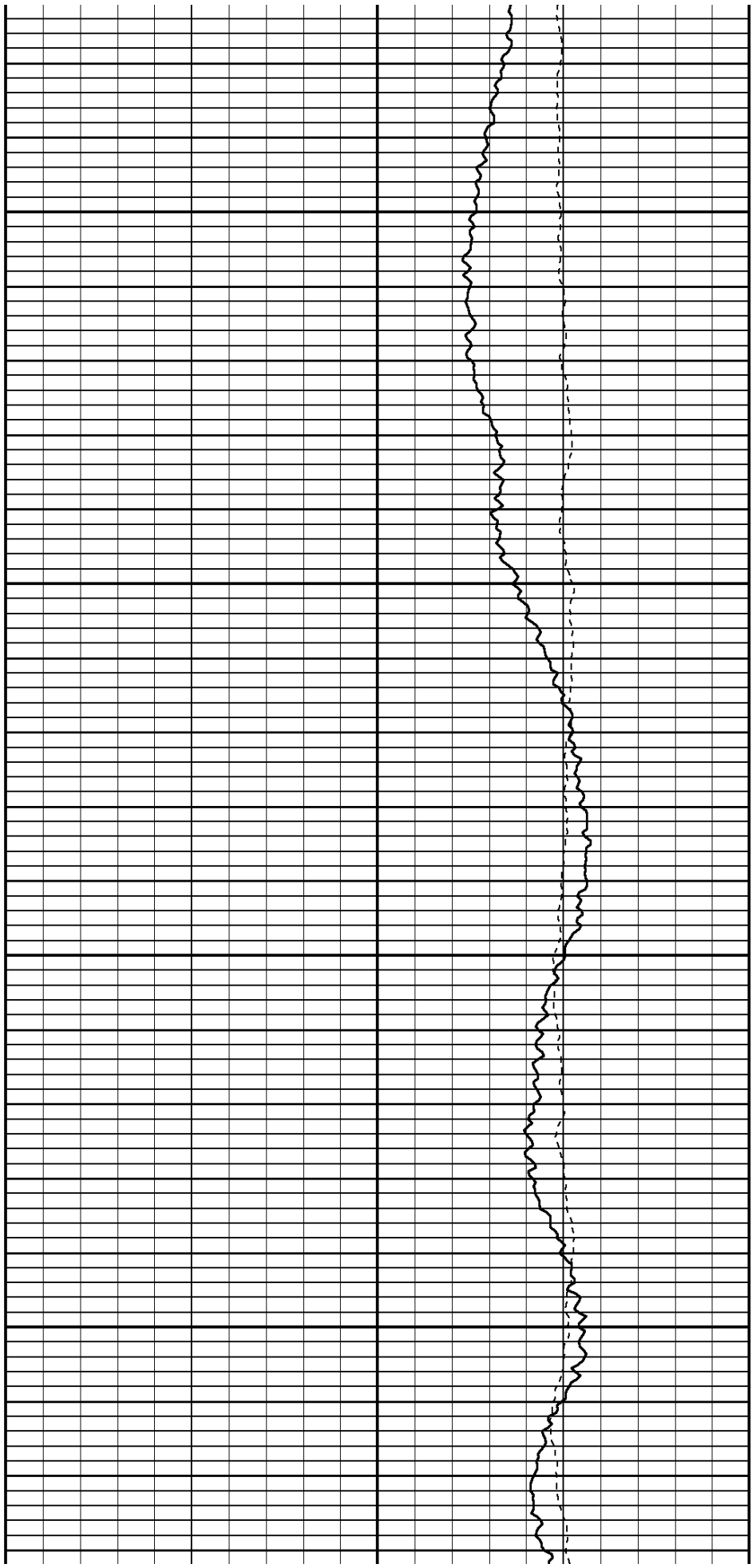
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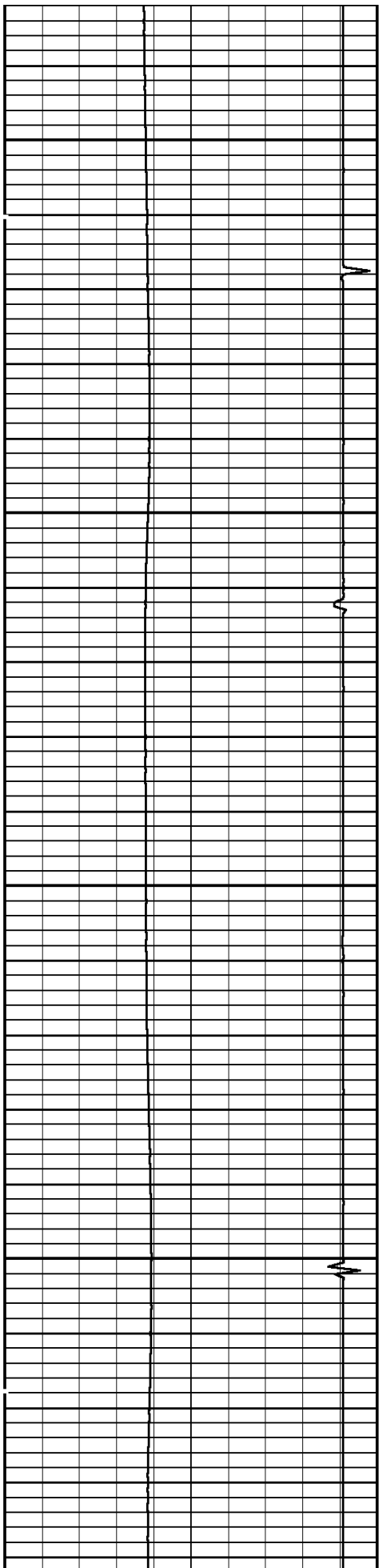




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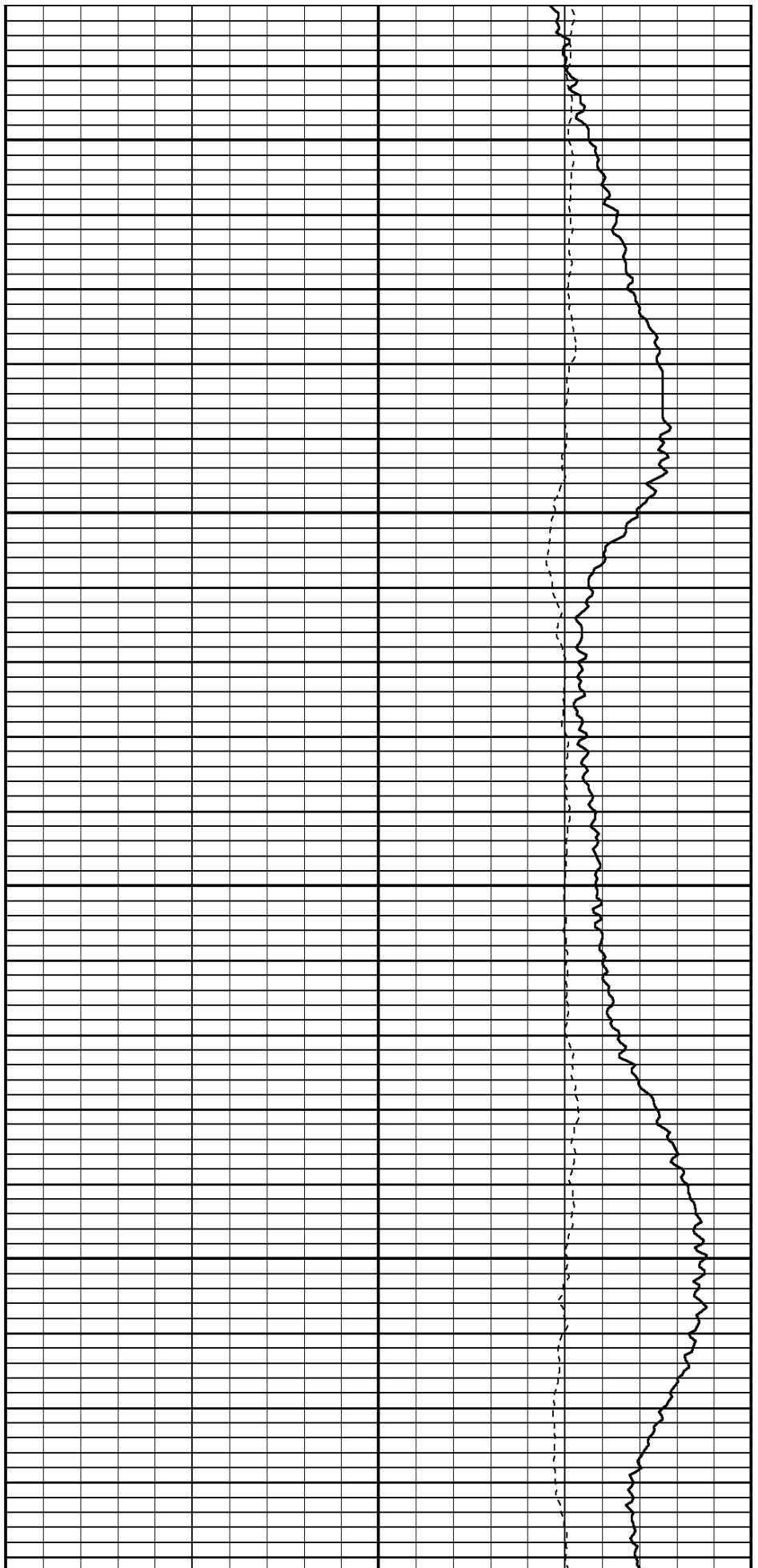
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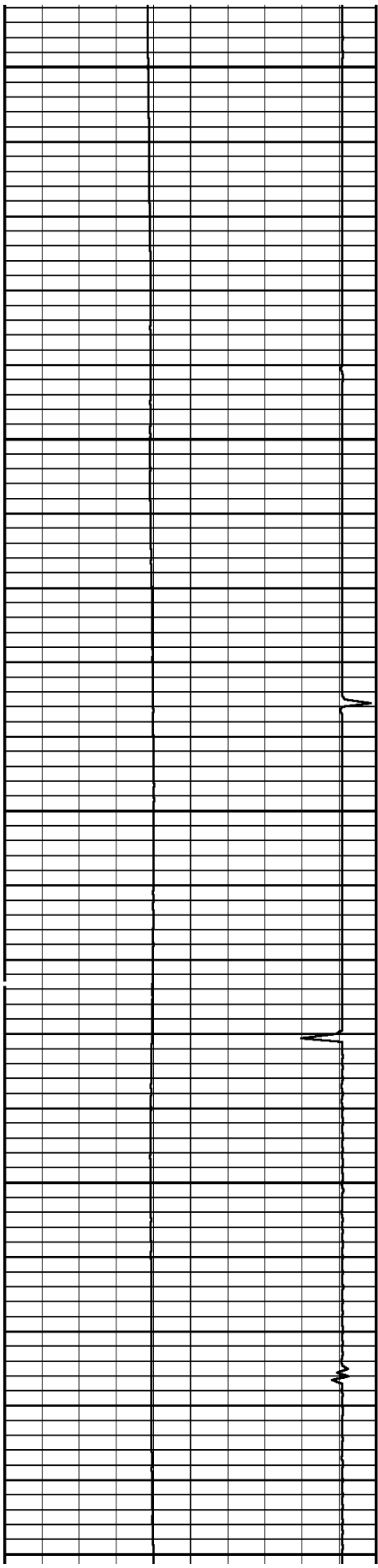




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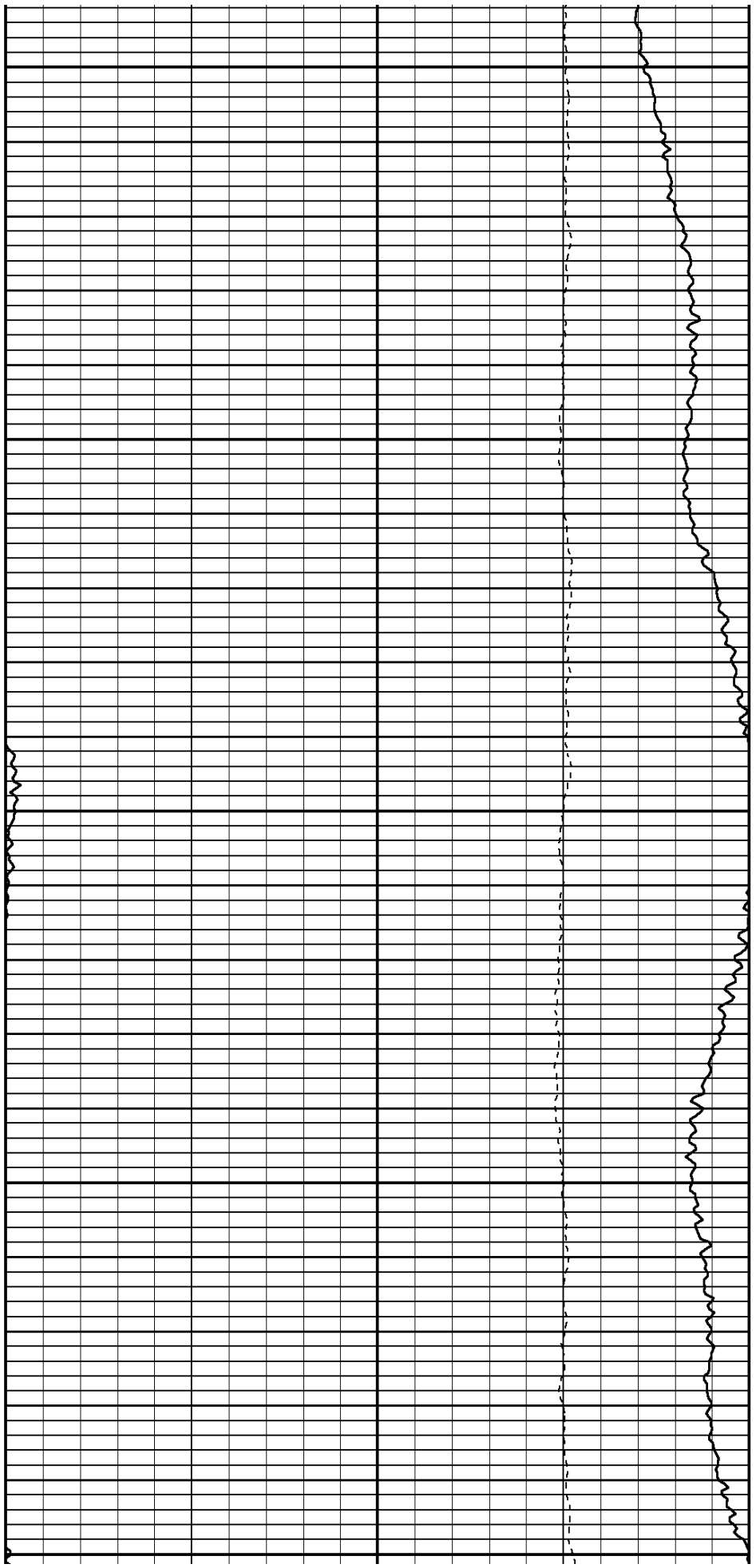


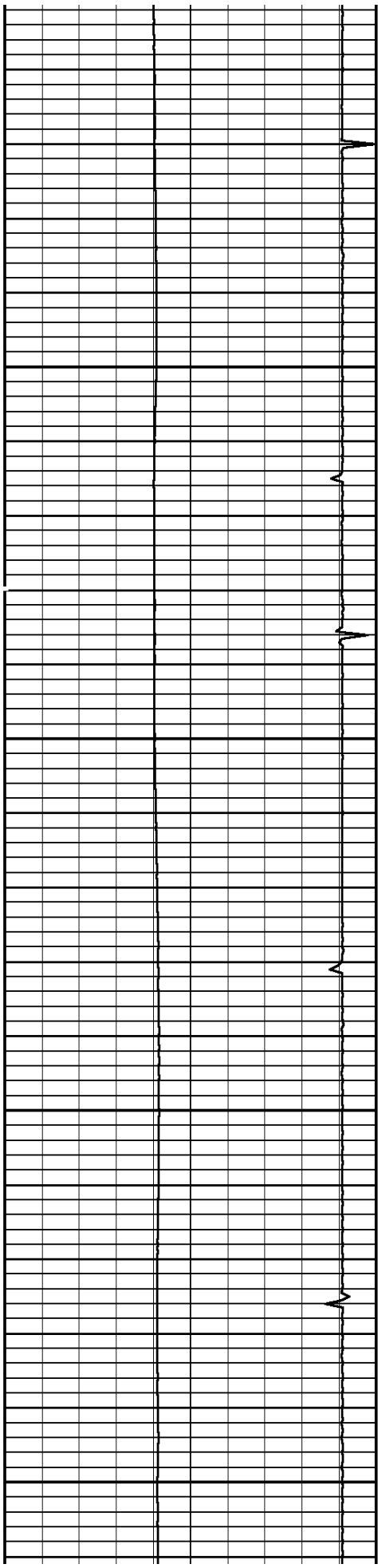


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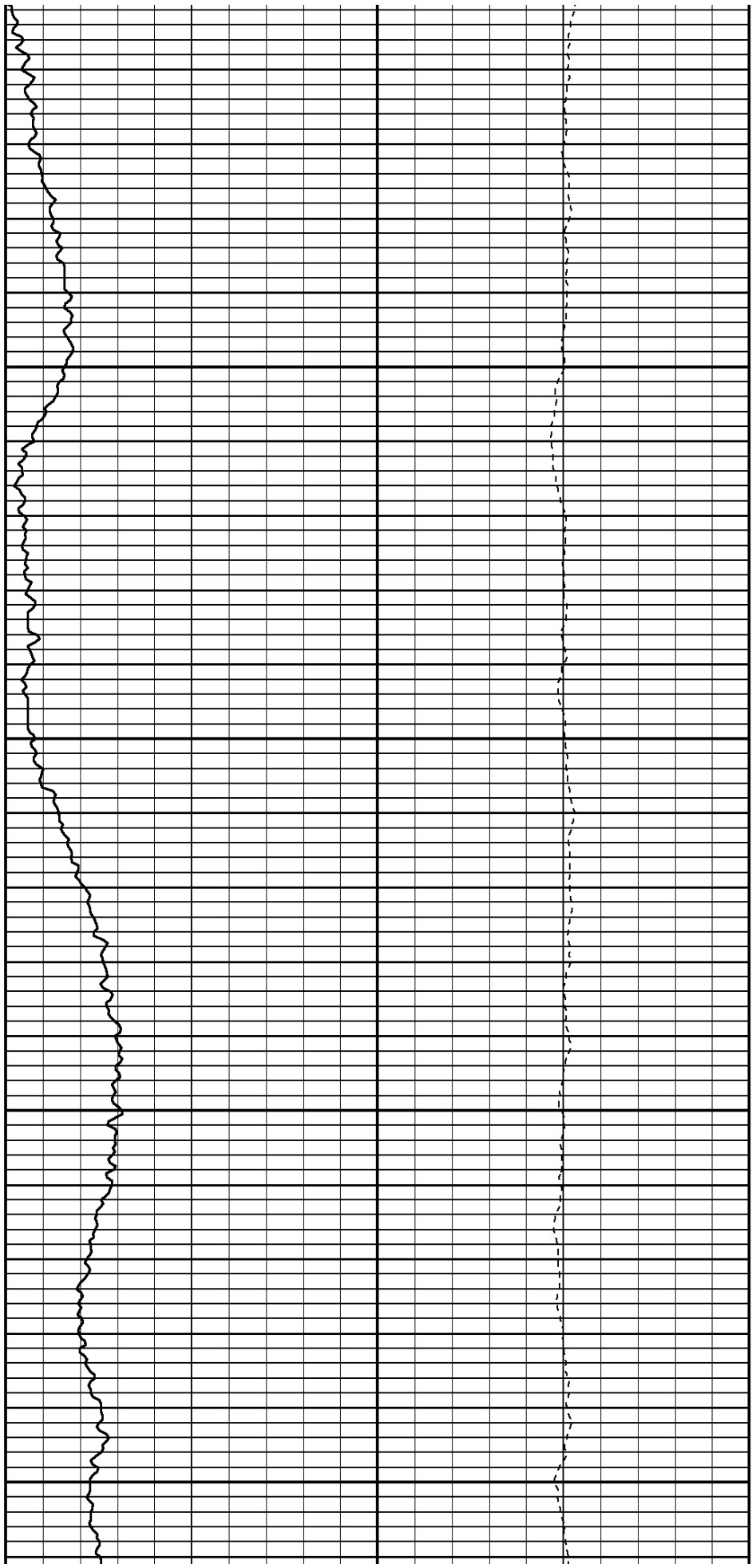
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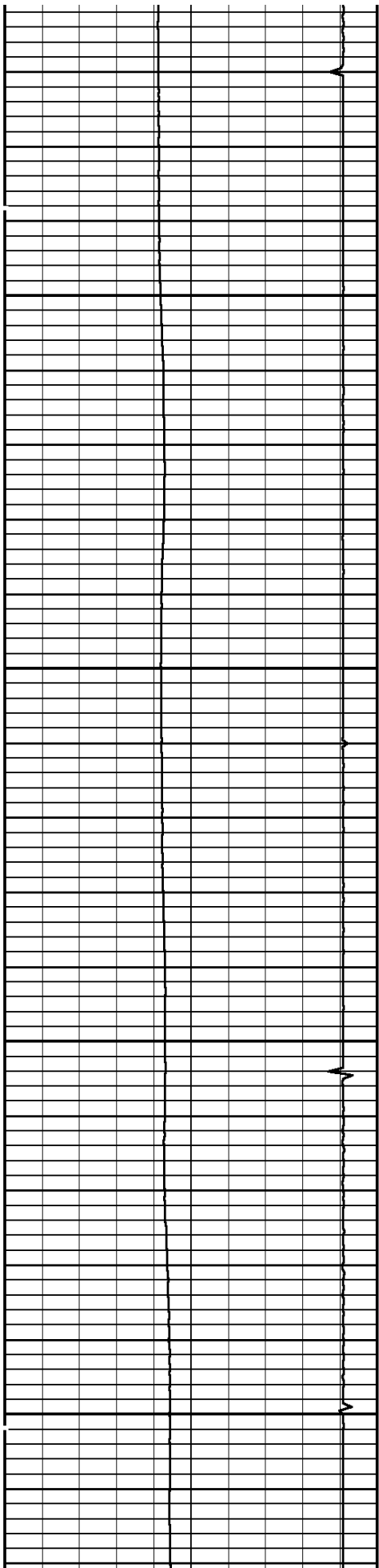




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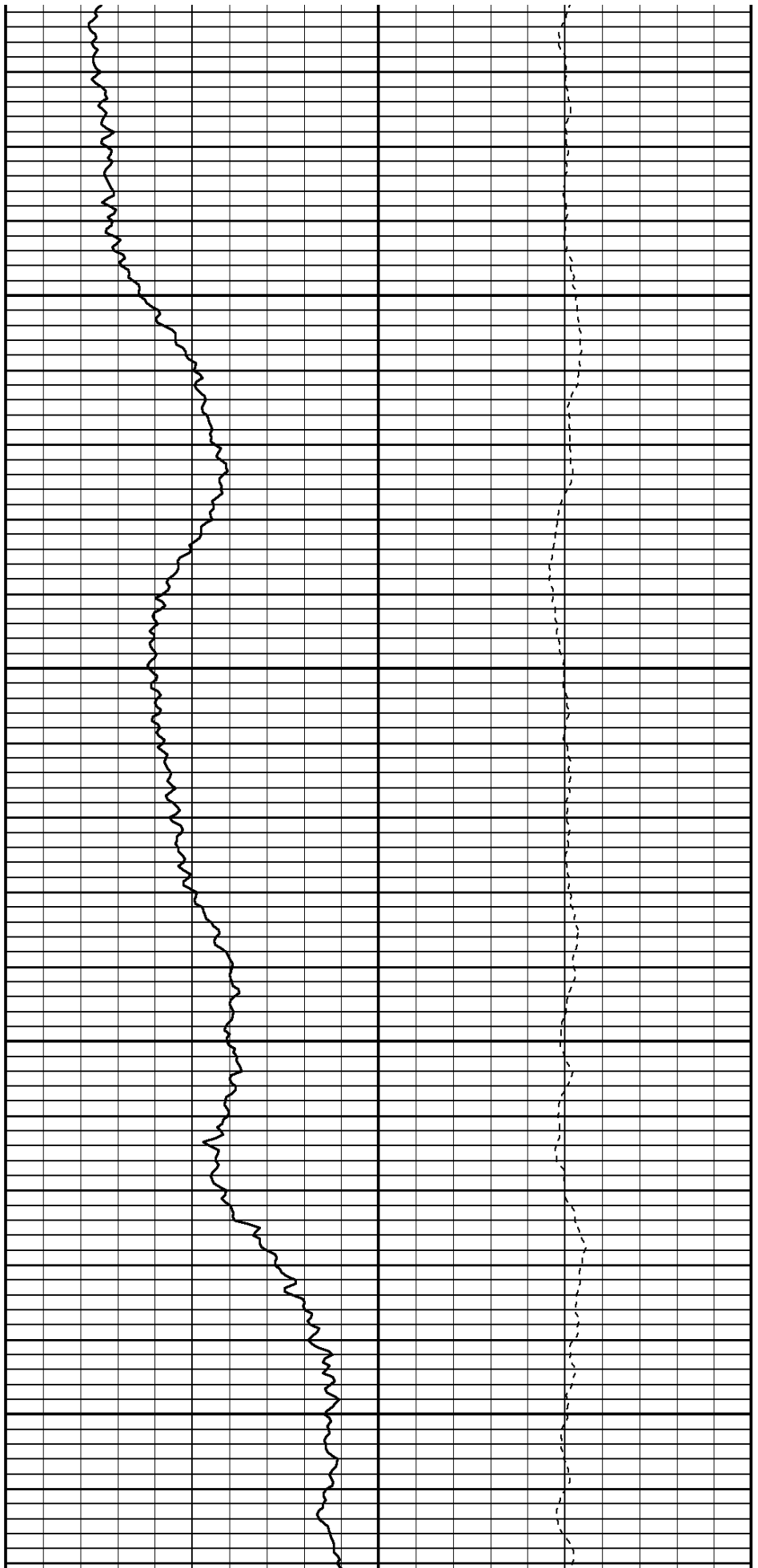
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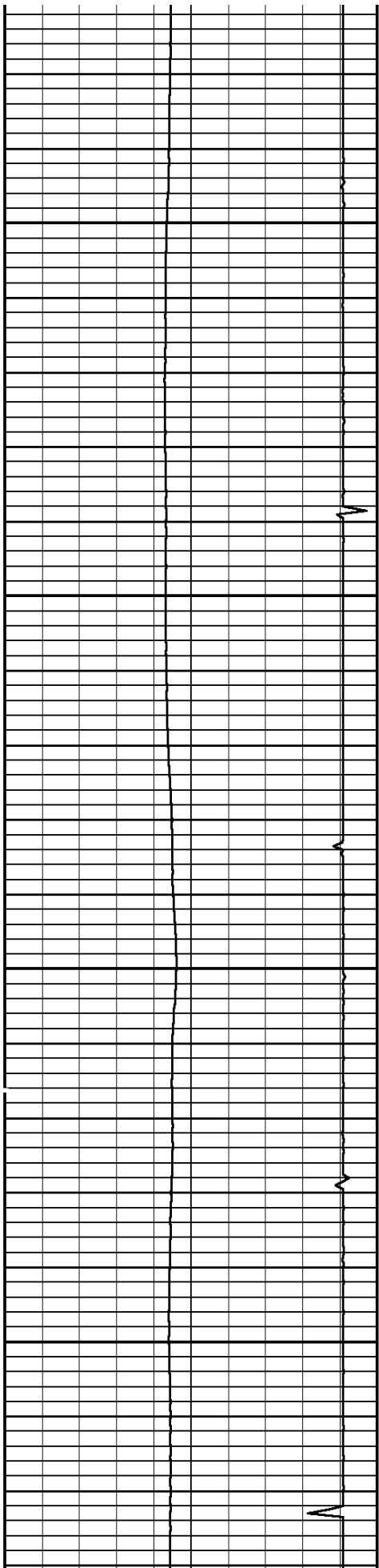




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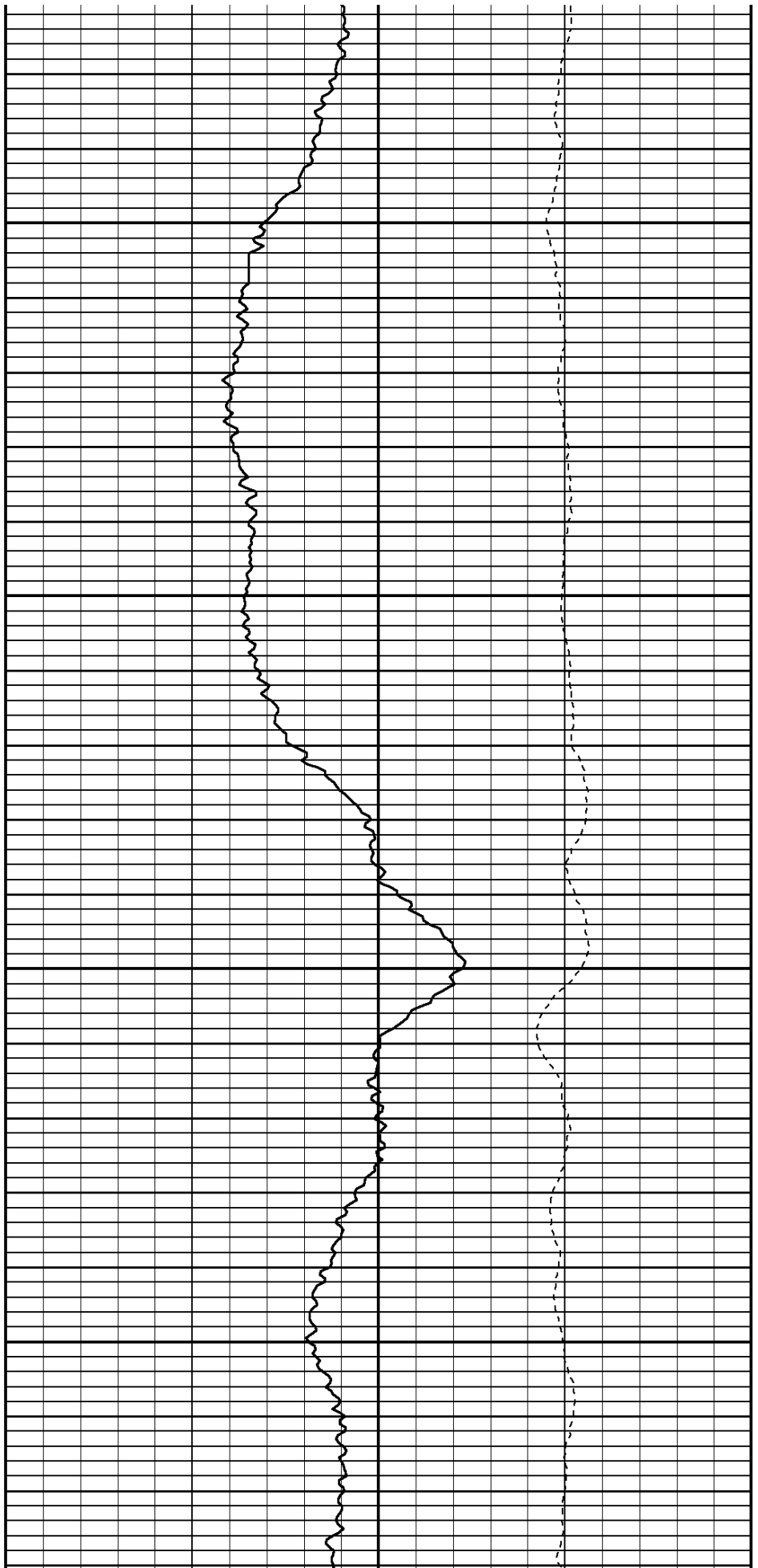
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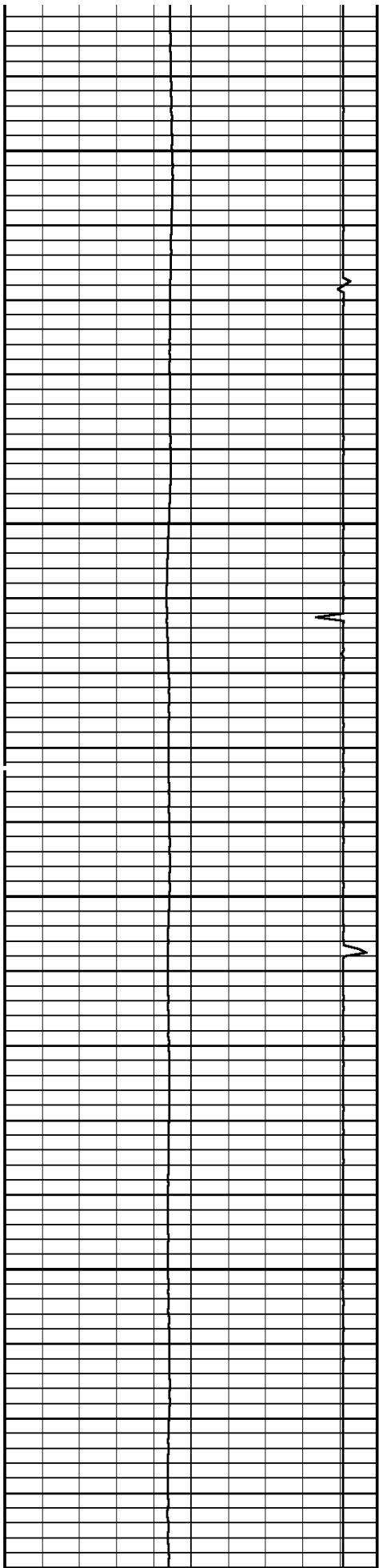




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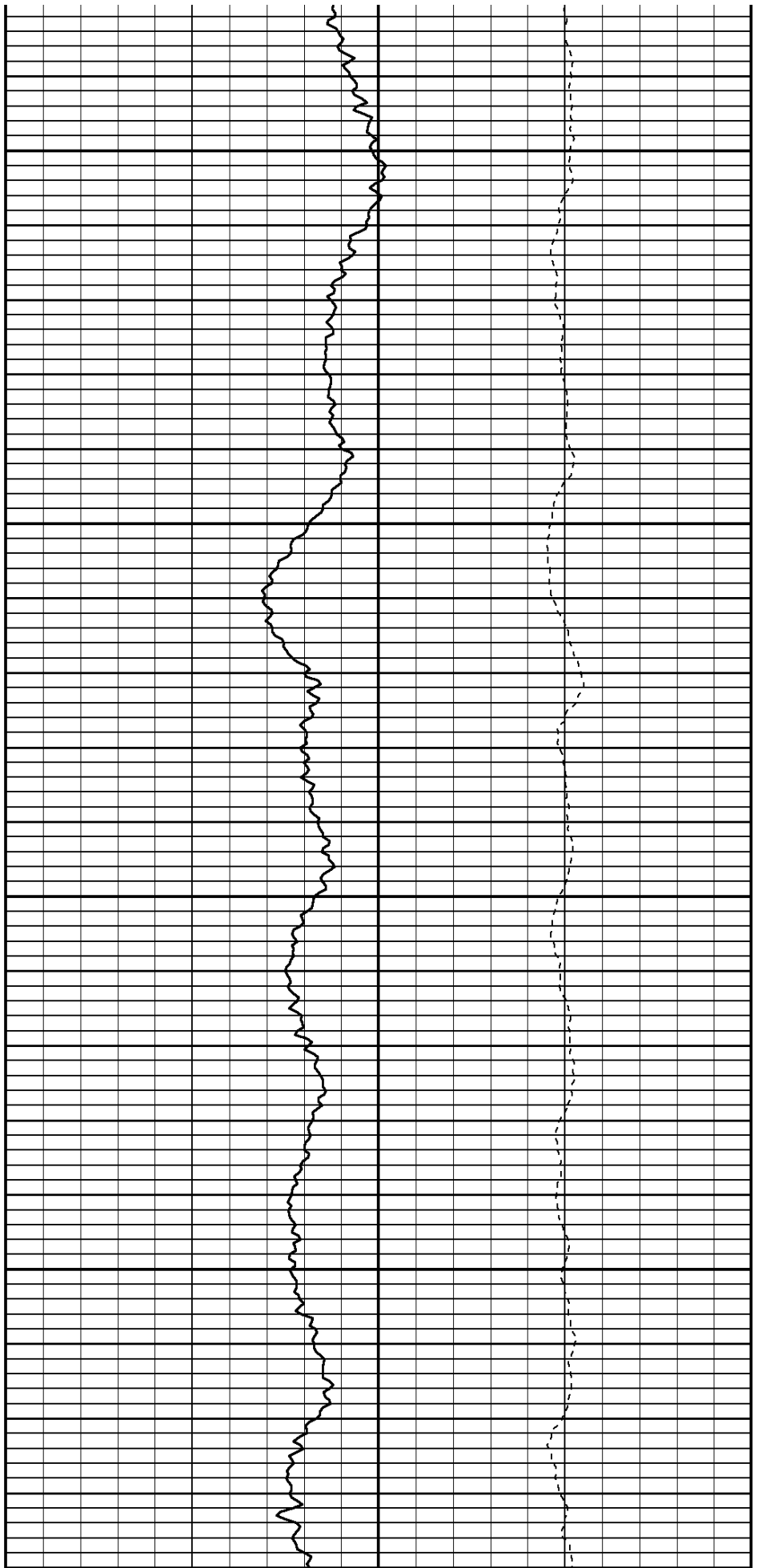
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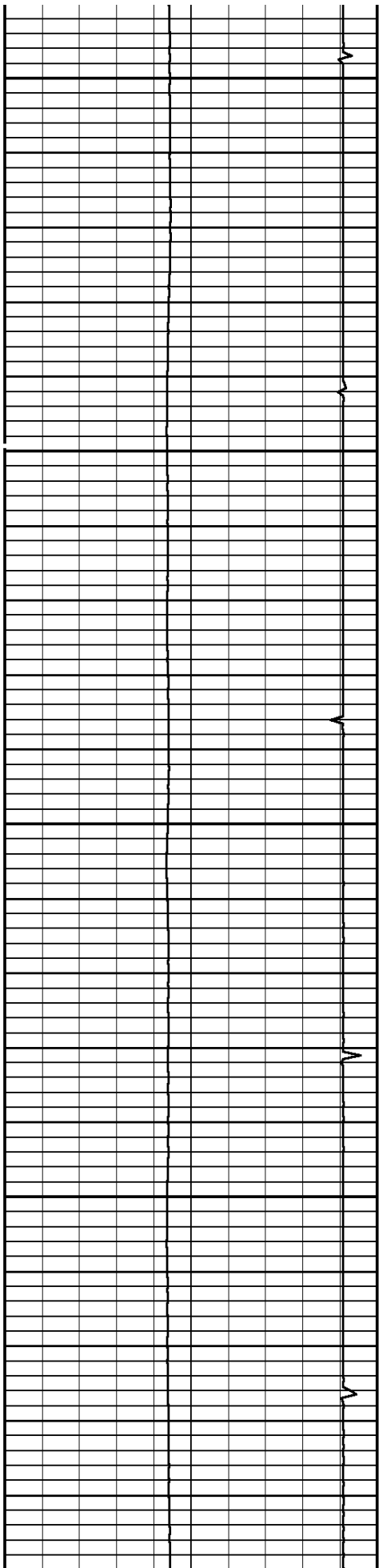




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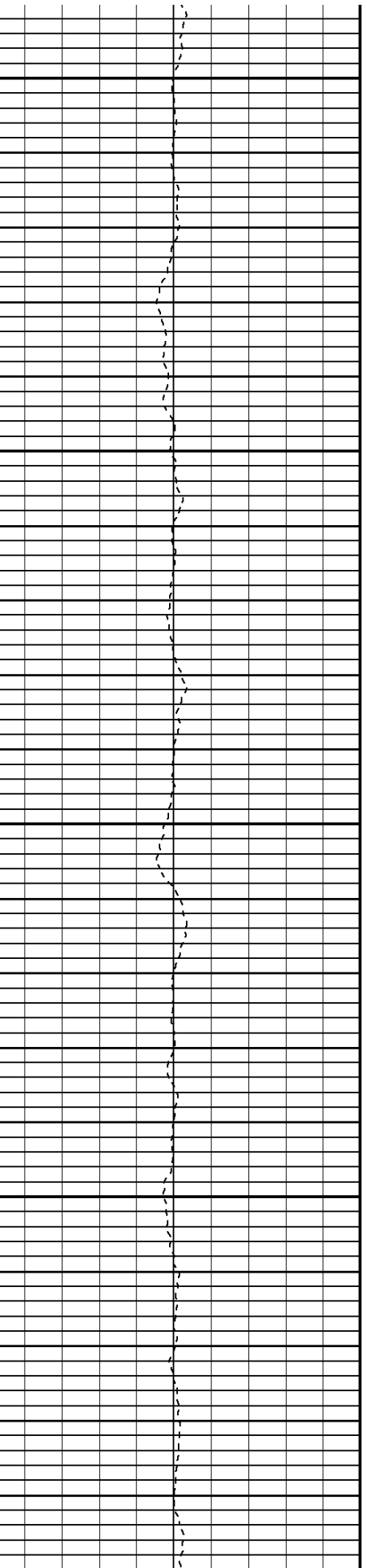
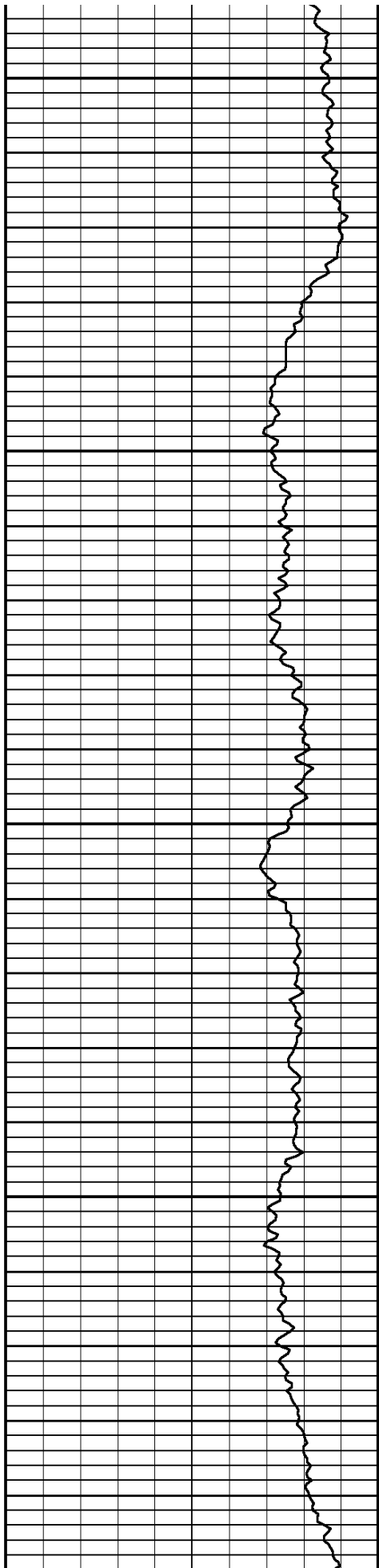
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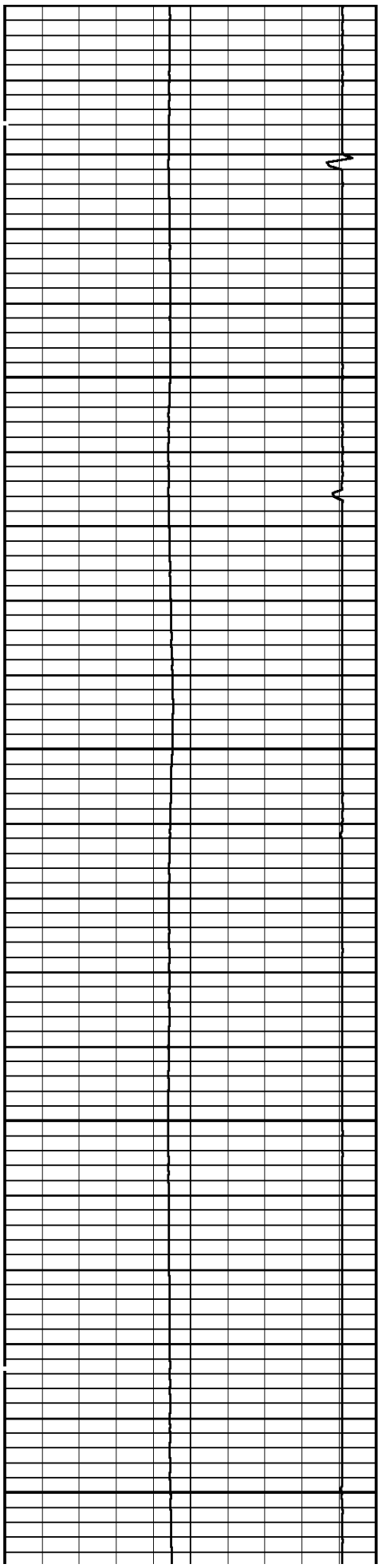




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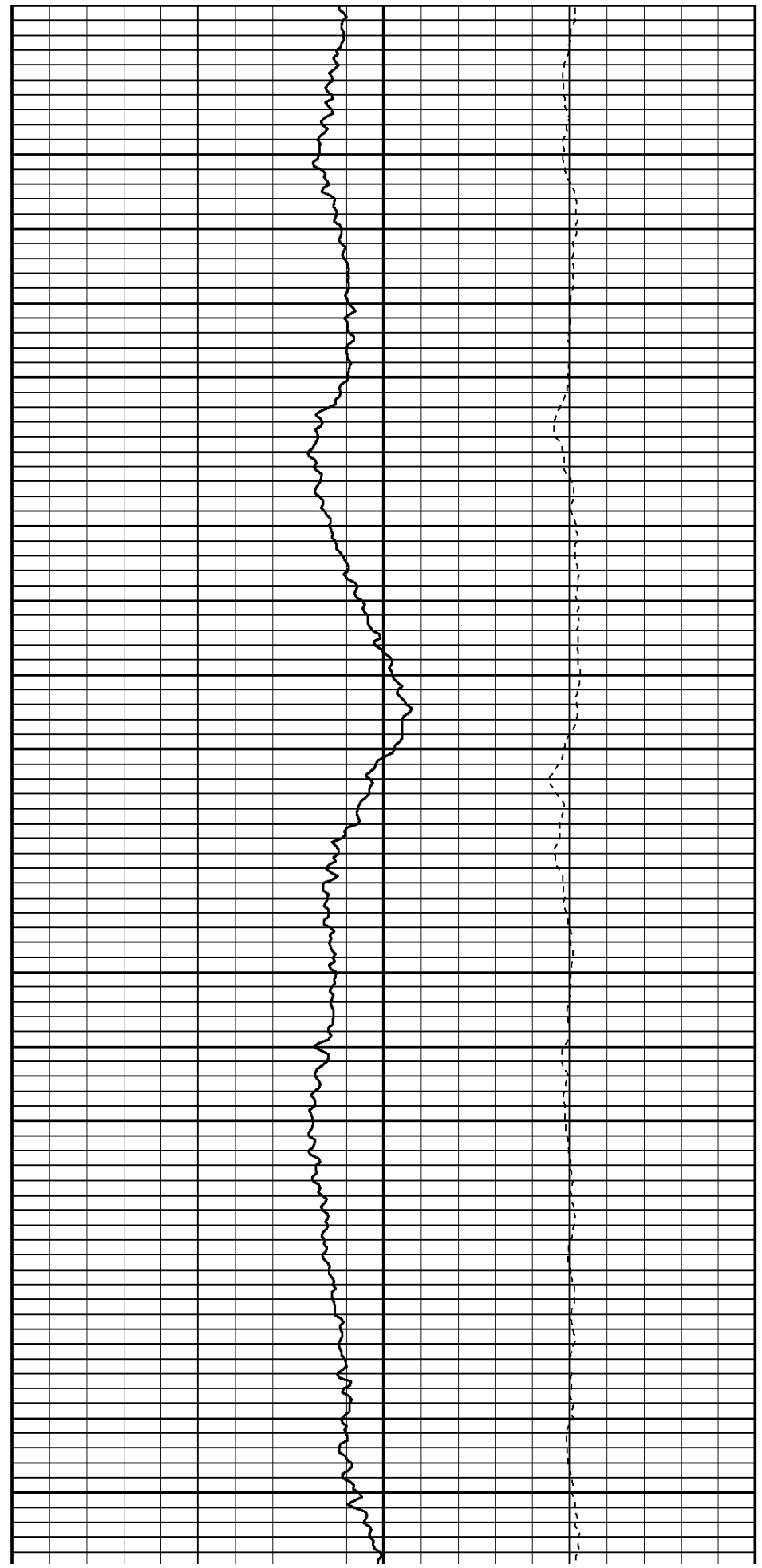
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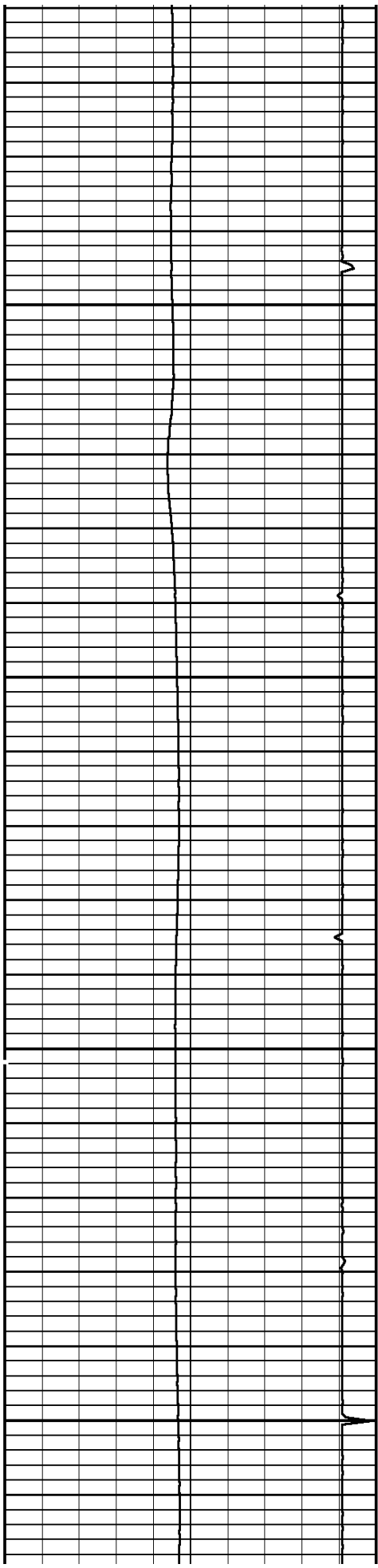




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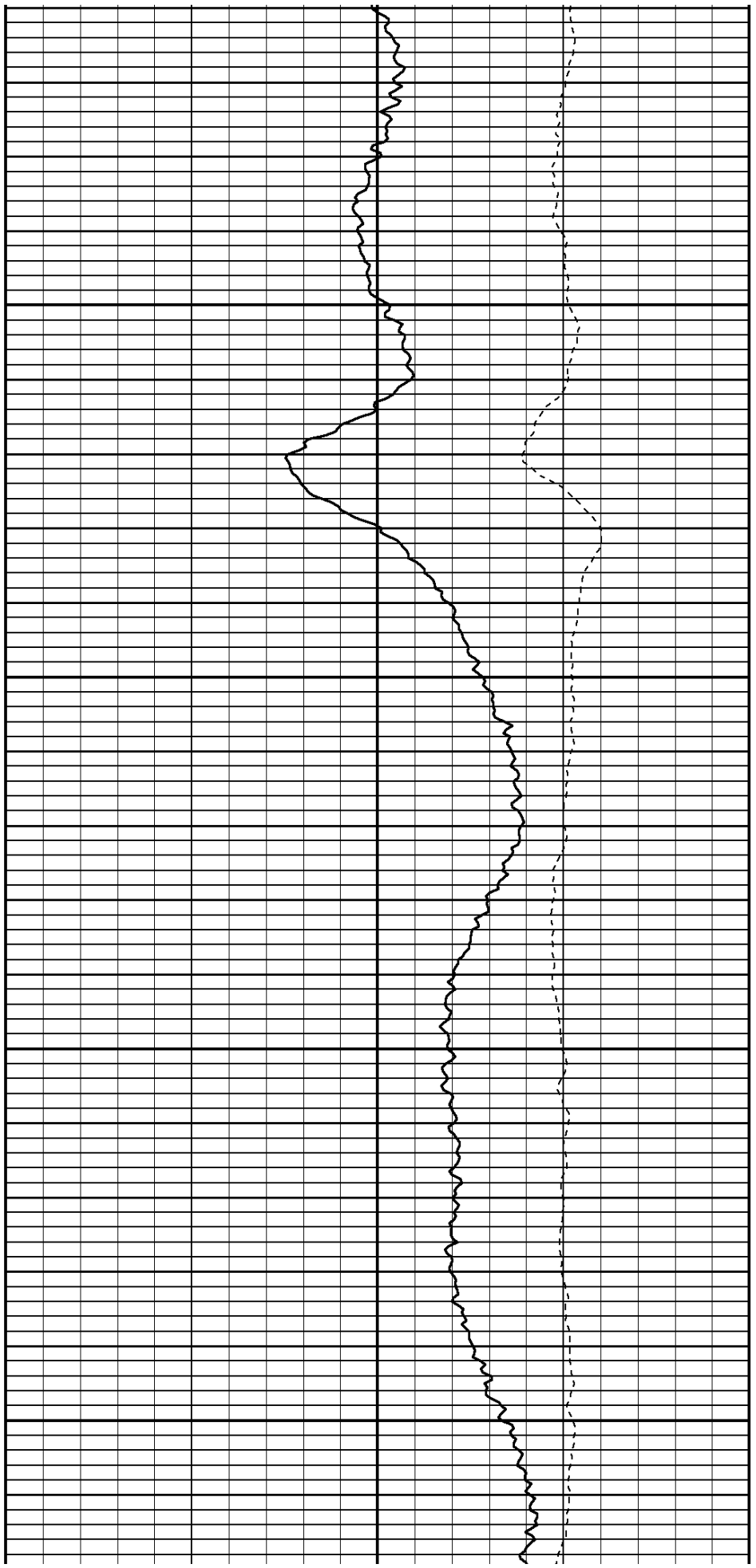
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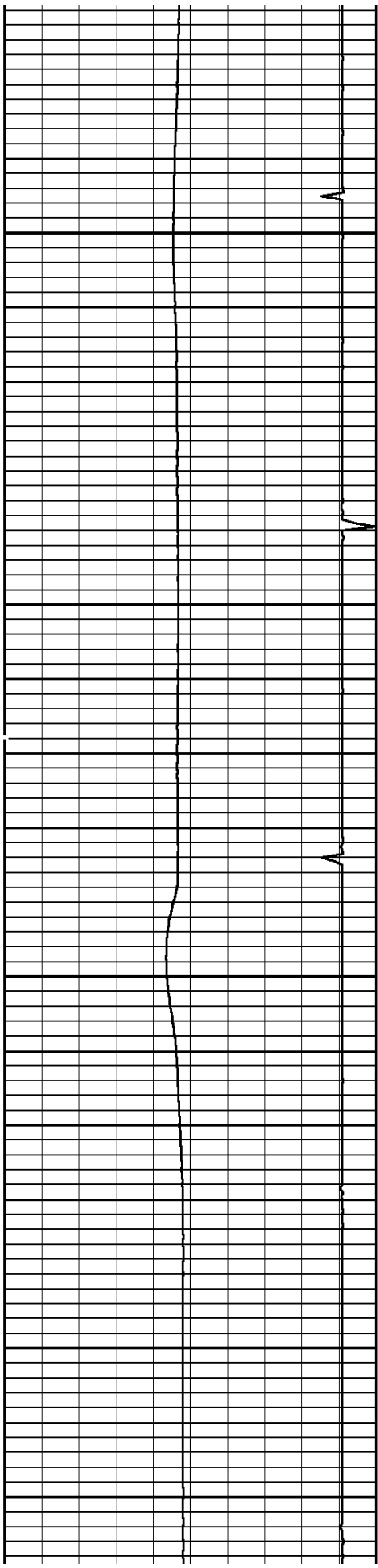




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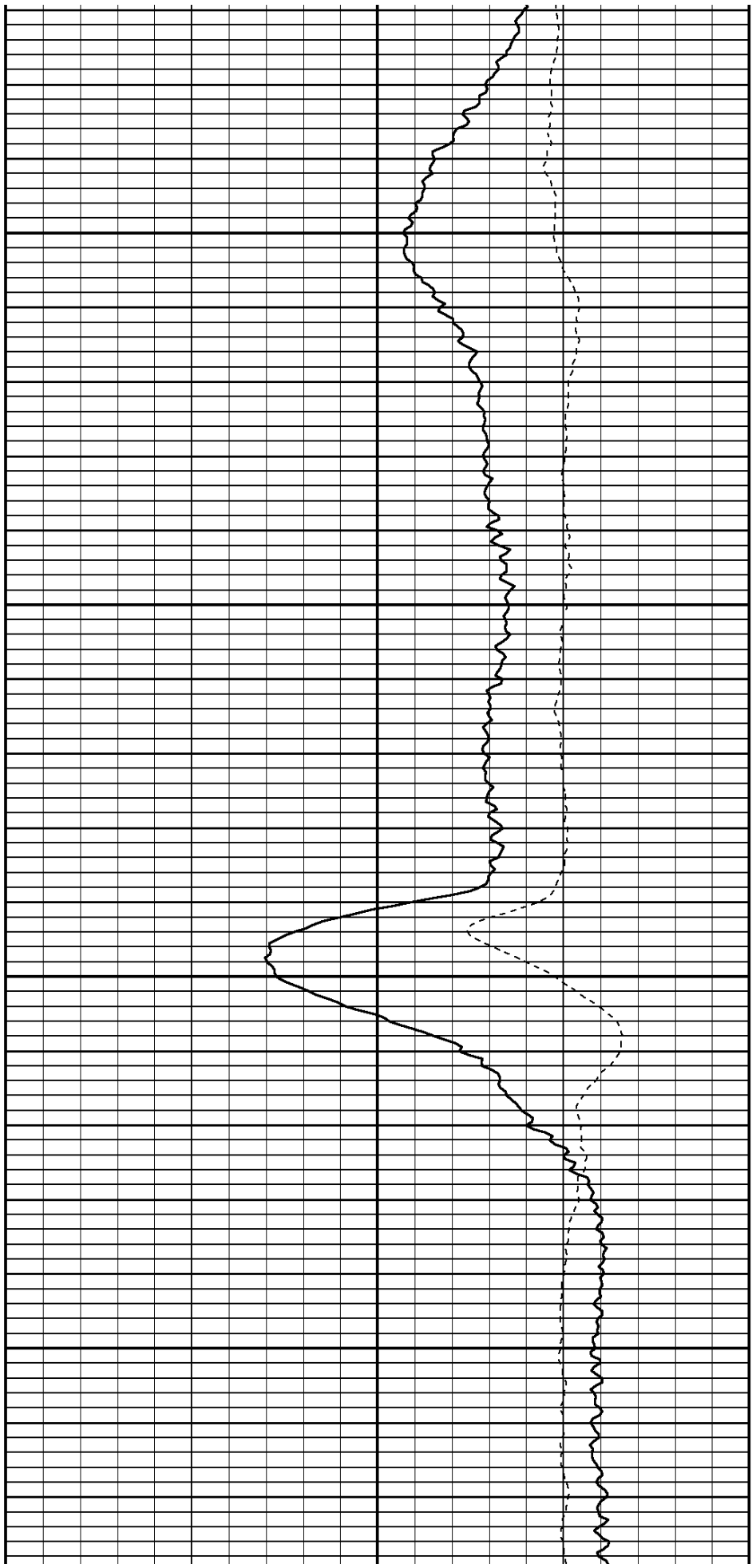
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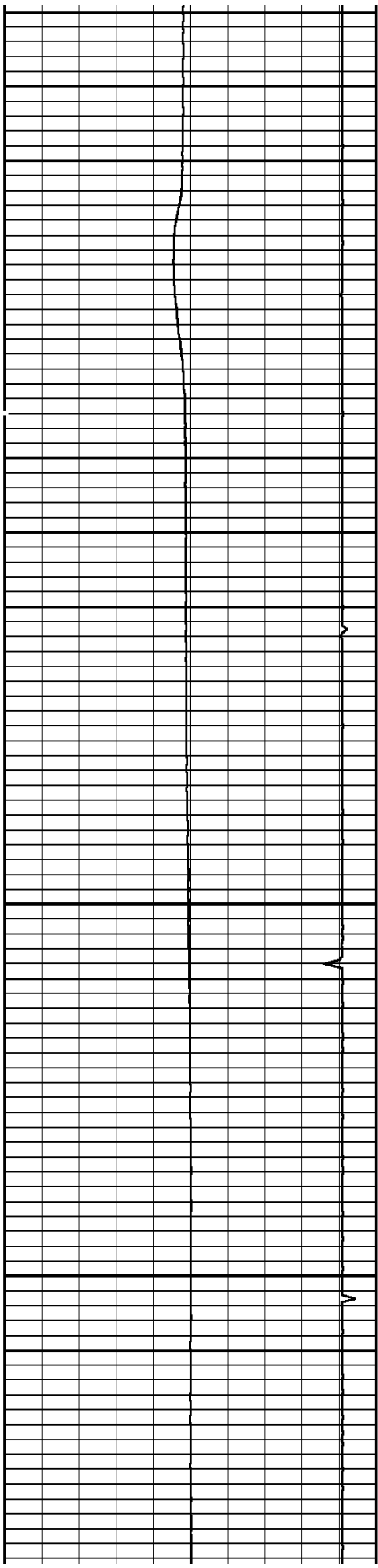




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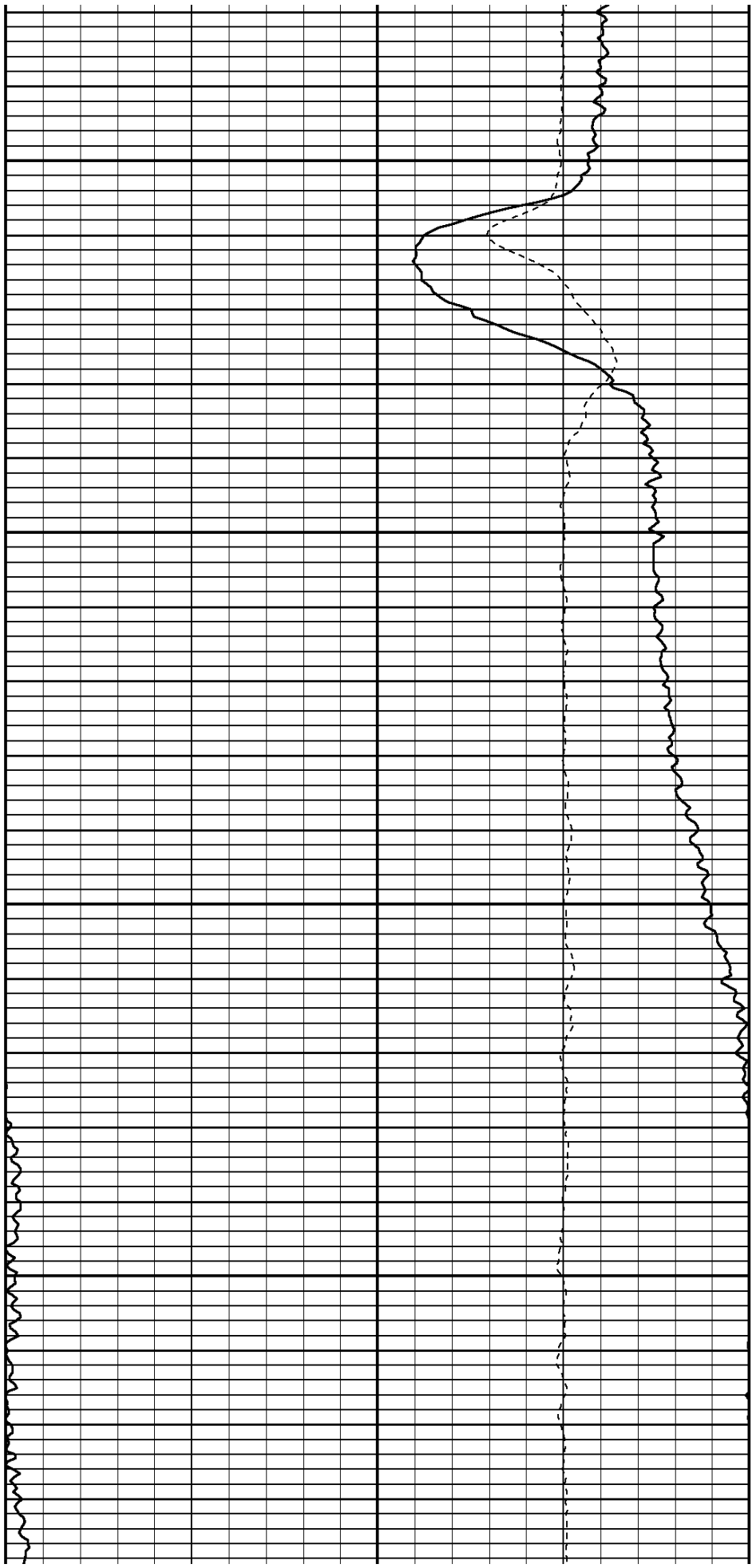
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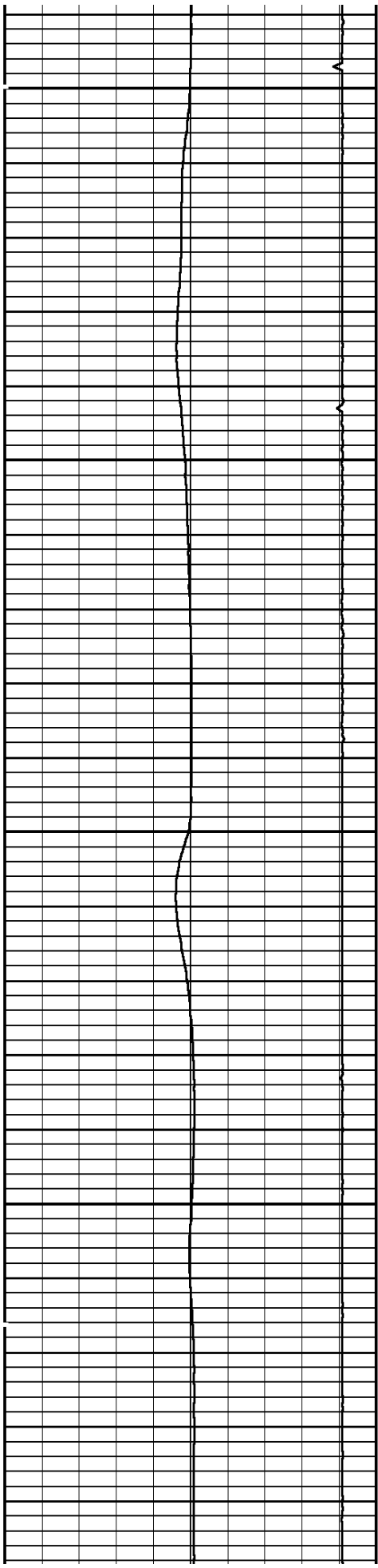




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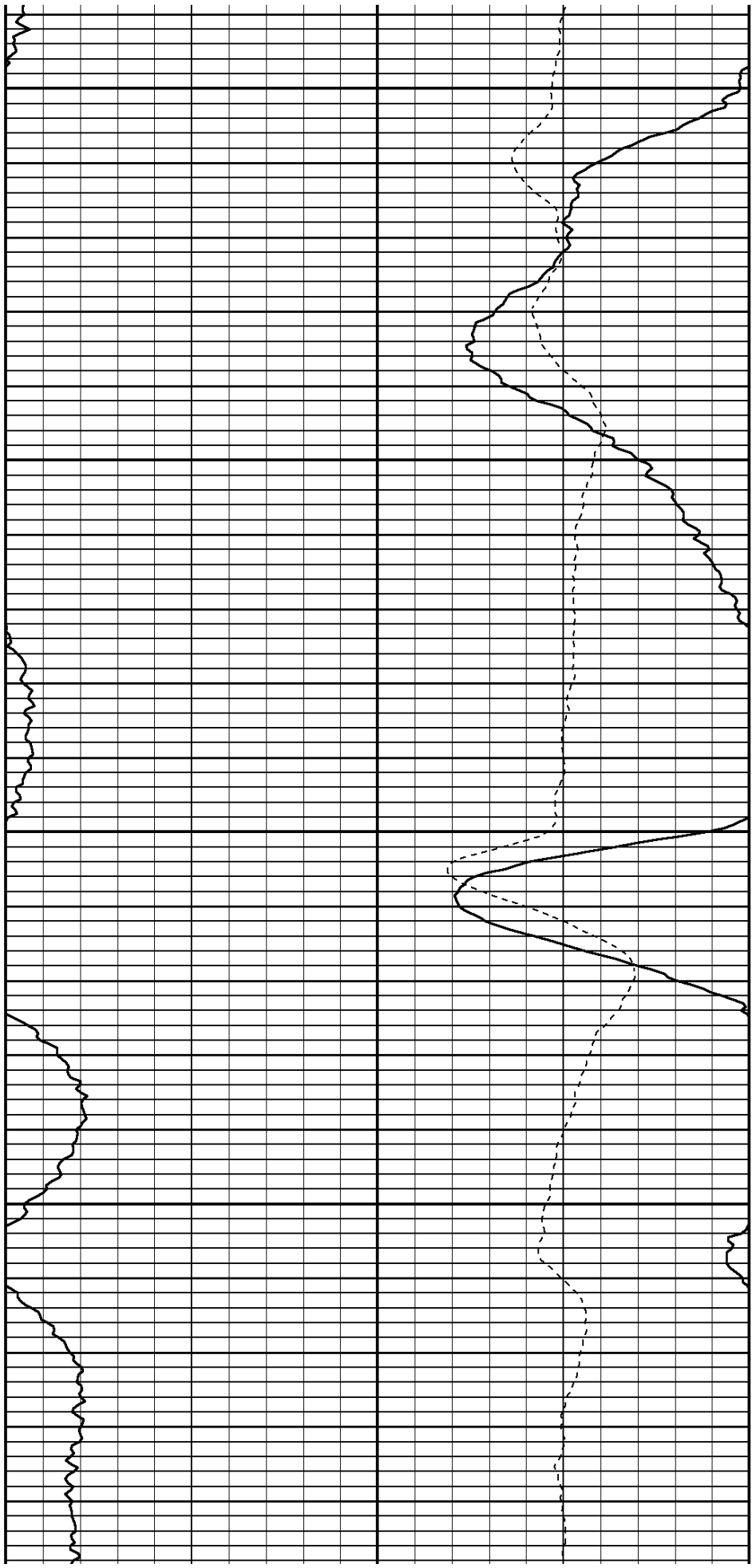
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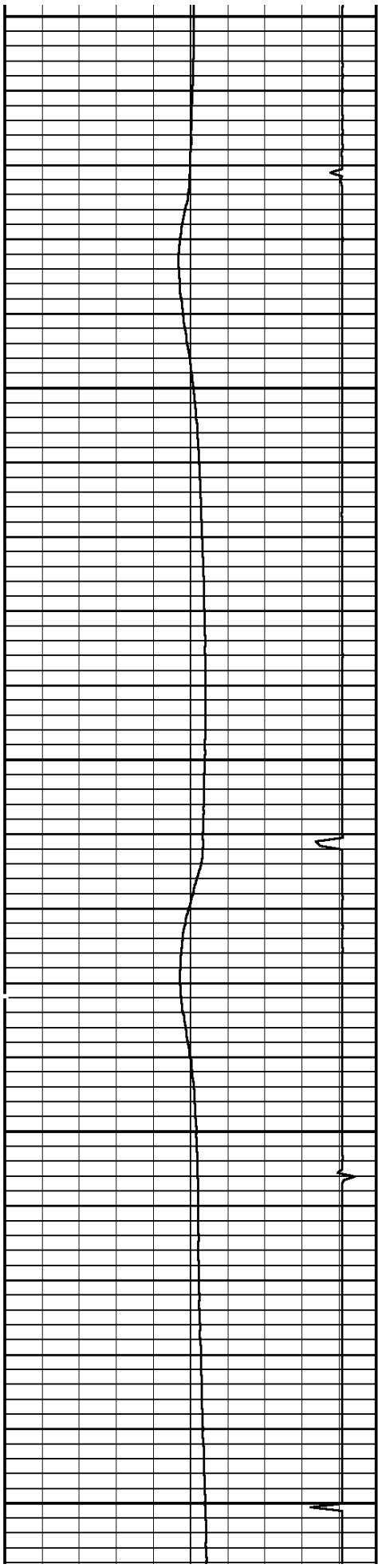




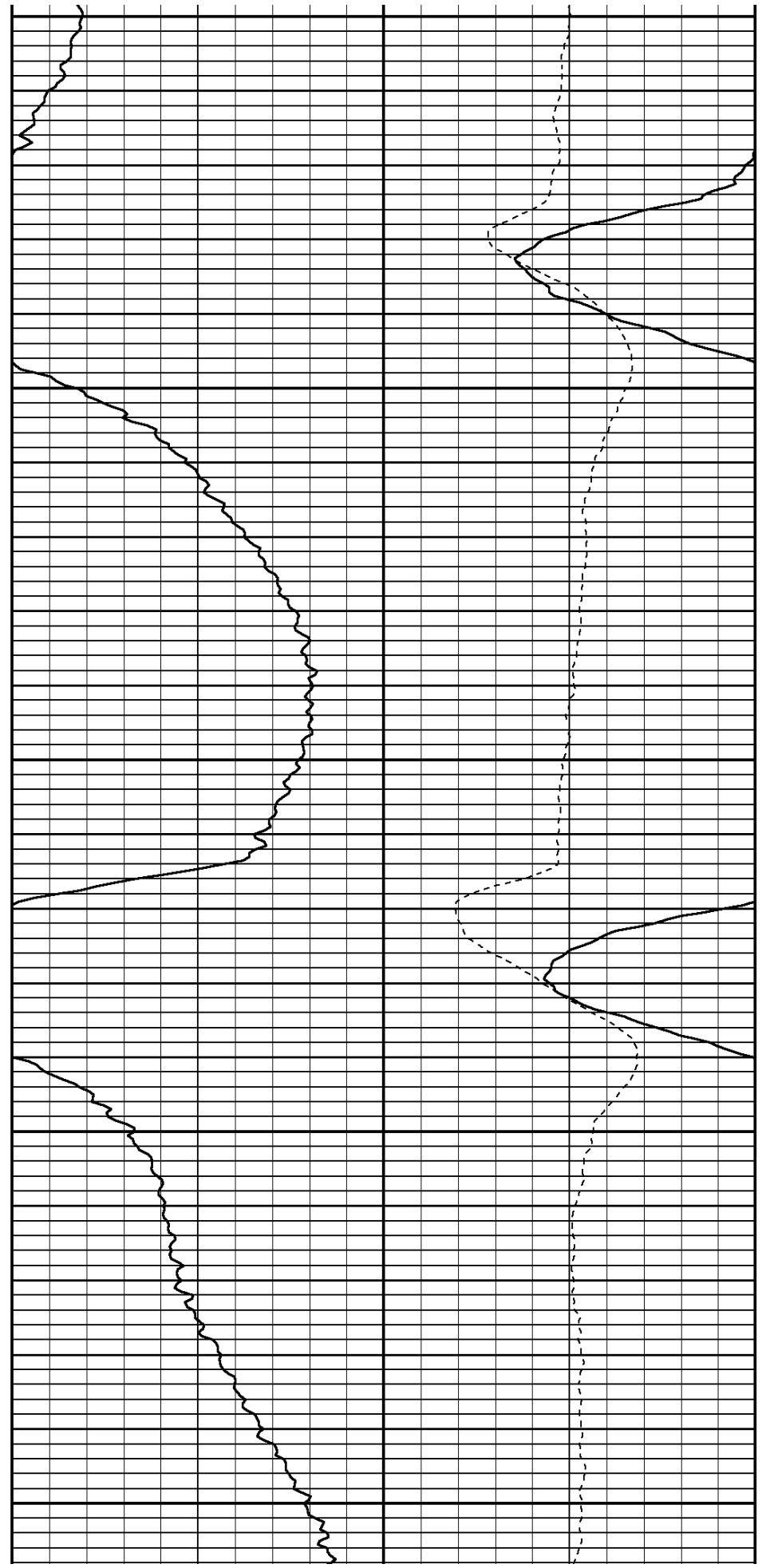
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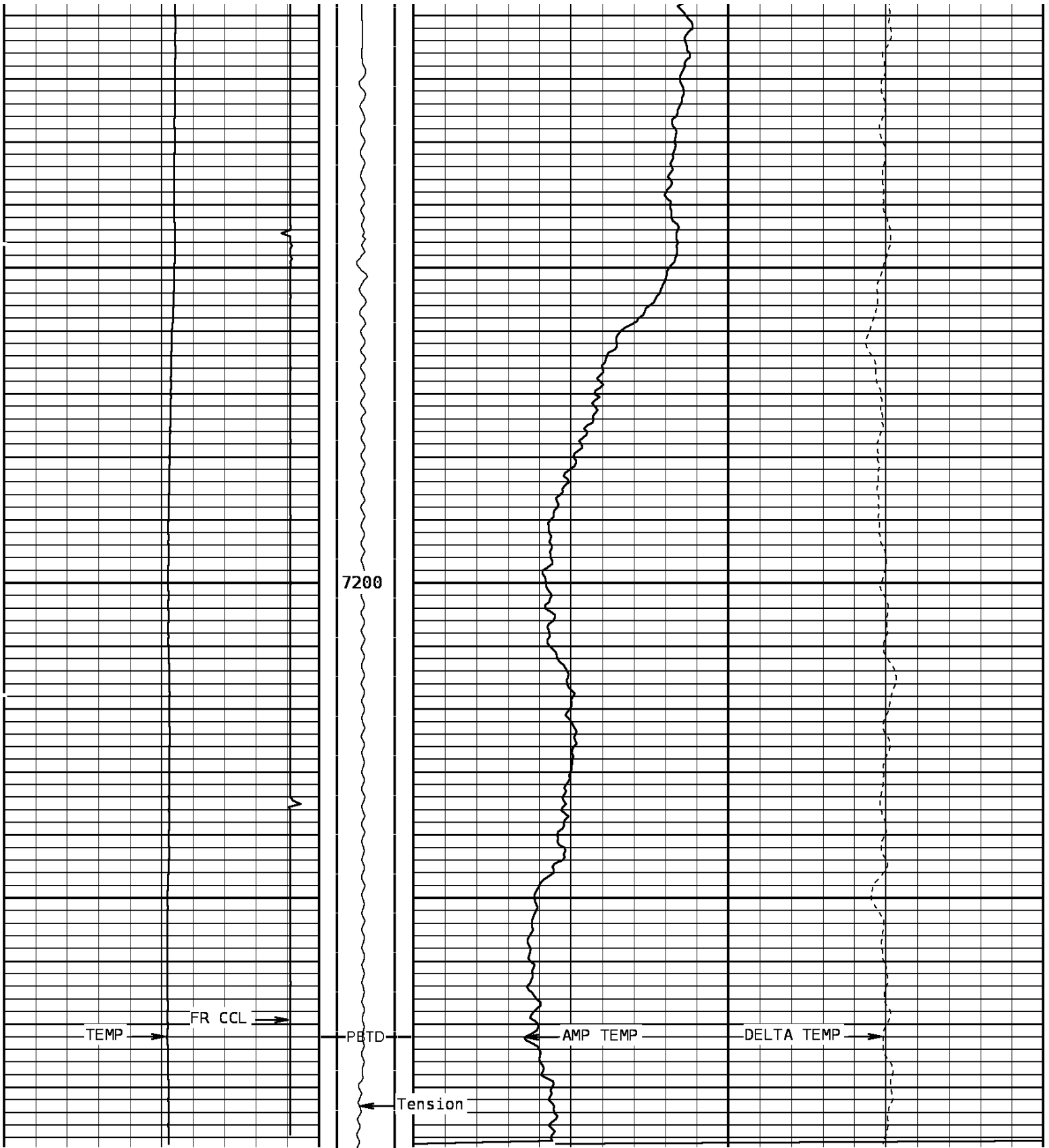
6800





6900  
7000  
7100





<b>TEMPERATURE</b>		<b>Tension</b>		<b>AMP. TEMPERATURE</b>	
60.0	DegreesFarenheit	260.0	0 1800 0.0	DegreesFarenheit 20.0	
<b>Collar Locator</b>				<b>DELTA TEMPERATURE</b>	
-8000.0	Millivolts	800.0		-1.500	DegF/Foot 1.500

START DEPTH: 7290.0 DIRECTION: UP DATE: 12/09/2010 TIME: 18:16 MODE: TRACE PLAYBACK

167807 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

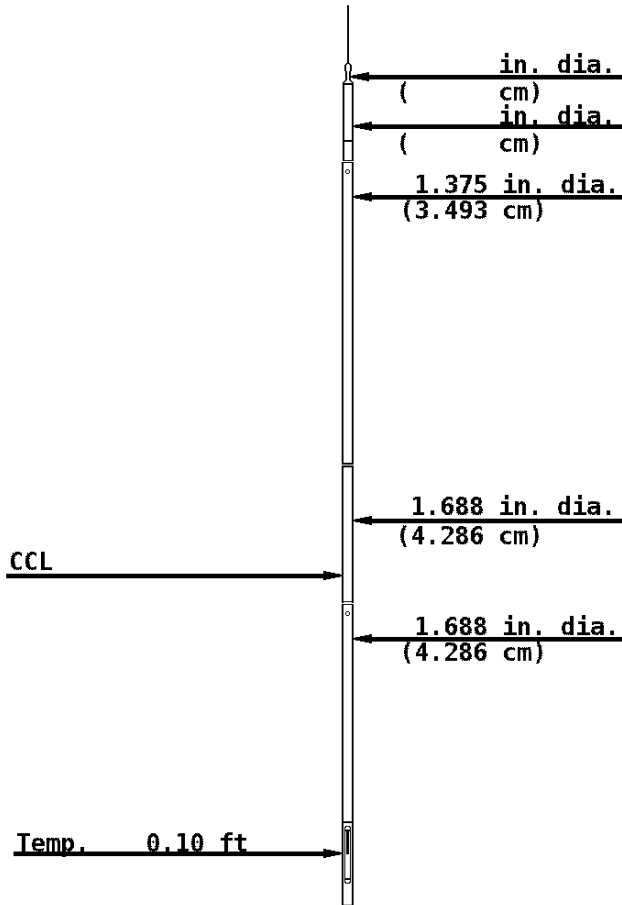
Weight 37.5 lbs/17 kg  
Length 5.0 ft/1.53 m  
Max. Diameter 1.375 in/34.93 mm

Casing Collar Locator

Length

Temperature

Weight 4.8 lbs  
Length 2.20 ft  
Max. Diameter 1.688 in



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FIELD GIBSON GULCH



Weatherford®

COUNTY GARFIELD

STATE COLORADO

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