

TEMPERATURE
CCL LOG

COMPANY BILL BARRETT CORPORATION
WELL GGU FEDERAL
31D-29-691
FIELD MAMM CREEK
CNTY GARFIELD STATE CO

COMPANY BILL BARRETT CORPORATION
WELL GGU FEDERAL 31D-29-691
FIELD MAMM CREEK
COUNTY GARFIELD STATE COLORADO

LOCATION:
SHL: 1206' FNL, 1353' FEL
BHL: 165' FNL, 1990' FEL
SEC. 29 TWP. 6S RGE. 91W
OTHER SERVICES:
NONE

PERM. DATUM GROUND LEVEL ELEV. 6104'
LOG MEASURED FROM K.B. 22 FT. ABOVE PERMANENT DATUM ELEV.: K.B. 6126'
D.RILLING MEASURED FROM KELLY BUSHING D.F. 6125'
G.L. 6104'

DATE 07-MAR-2011 APT: 05-045-19802

DEPTH DRILLER ONE 7575'

DEPTH LOGGER 7518'

BIT. LOG INTERVAL 7518'

TOP LOG INTERVAL 5'

OPEN HOLE SIZE 7.875"

TYPE FLUID WATER

DENS. VISC. 8.3 0.00

MAX. REC. TEMP. F 179 DEG F

EST. CEMENT TOP 2750'

TIME WELL READY ROA

TIME LOGGER ON BIT. SEE LOG

EQUIP. NO. 14068

LOCATION GRAND JUNCTION

RECORDED BY ADAM MacPHERSON

WITNESSED BY JIM BOYD

BOREHOLE RECORD		TUBING RECORD	
RUN NO.	BIT FROM TO	SIZE WGT. FROM TO	TO
TWO	8.750 764' 5494'		
THREE	7.875 5494' 7575'		

CASING RECORD	SIZE	WT/FT	GRADE	TYPE JOINT	TOP	BOTTOM
SURFACE STRING	9.625"	36			SURF	764'
PROD. STRING	4.500"	11.6			SURF	7571'

PROT. STRING	PROD. STRING	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 # 176818
LOG RAN ON WIRELINE DEPTH WITH 23' K.B. BHT 179.1°F
PLUG BUMPED @ 04:00 HRS ON 07-MAR-2011
ETOC OF 2750' REACHED @ 08:00 HRS ON 07-MAR-2011
SYSTEM OVER CURRENT SPIKE IN LOG @ 3426' Prints: 2
YOUR CREW TODAY IS: WESTON 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: 1":100'

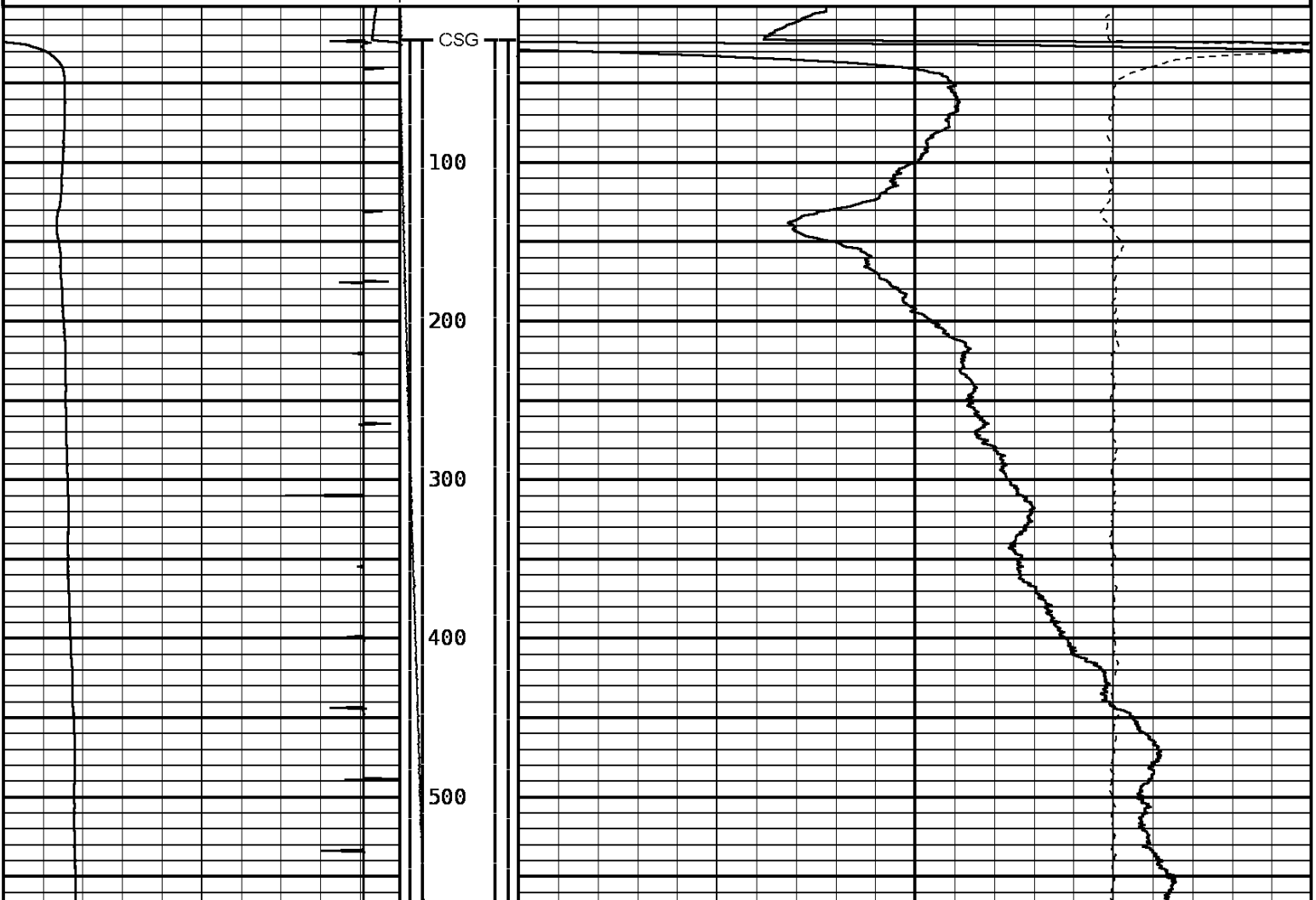
VERSION: 143R 2.0b"

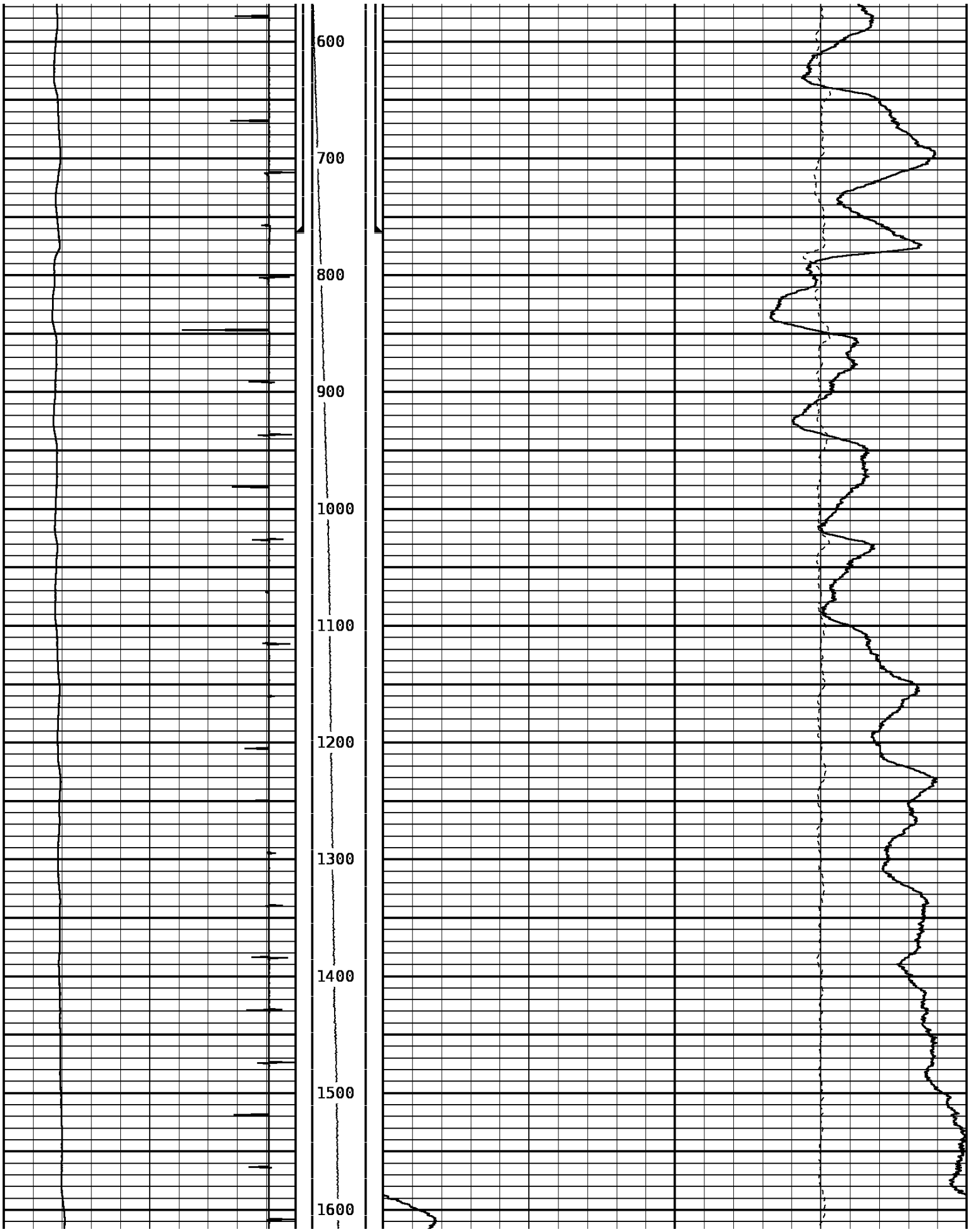
MERGED PASS

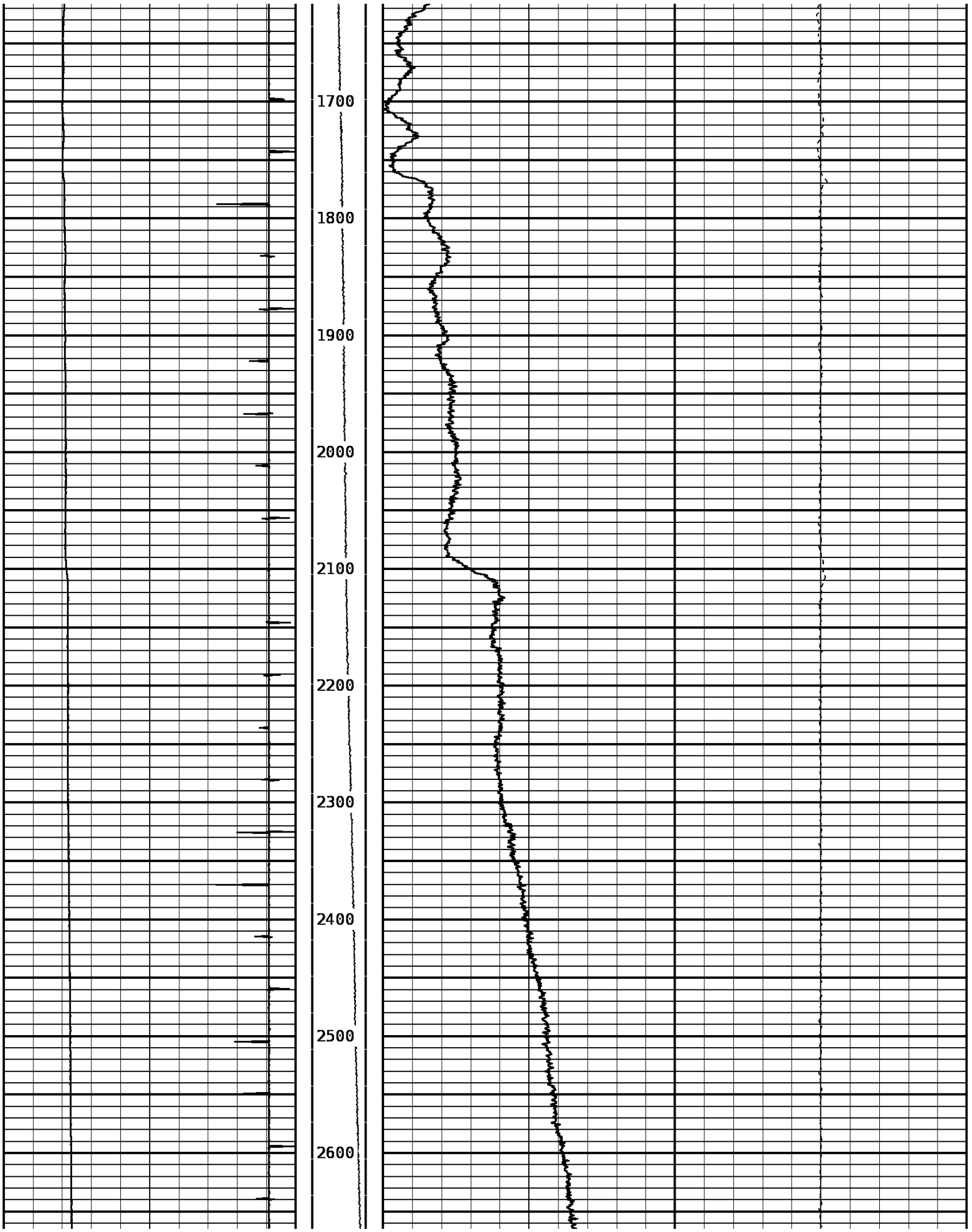
176818 TLTMP

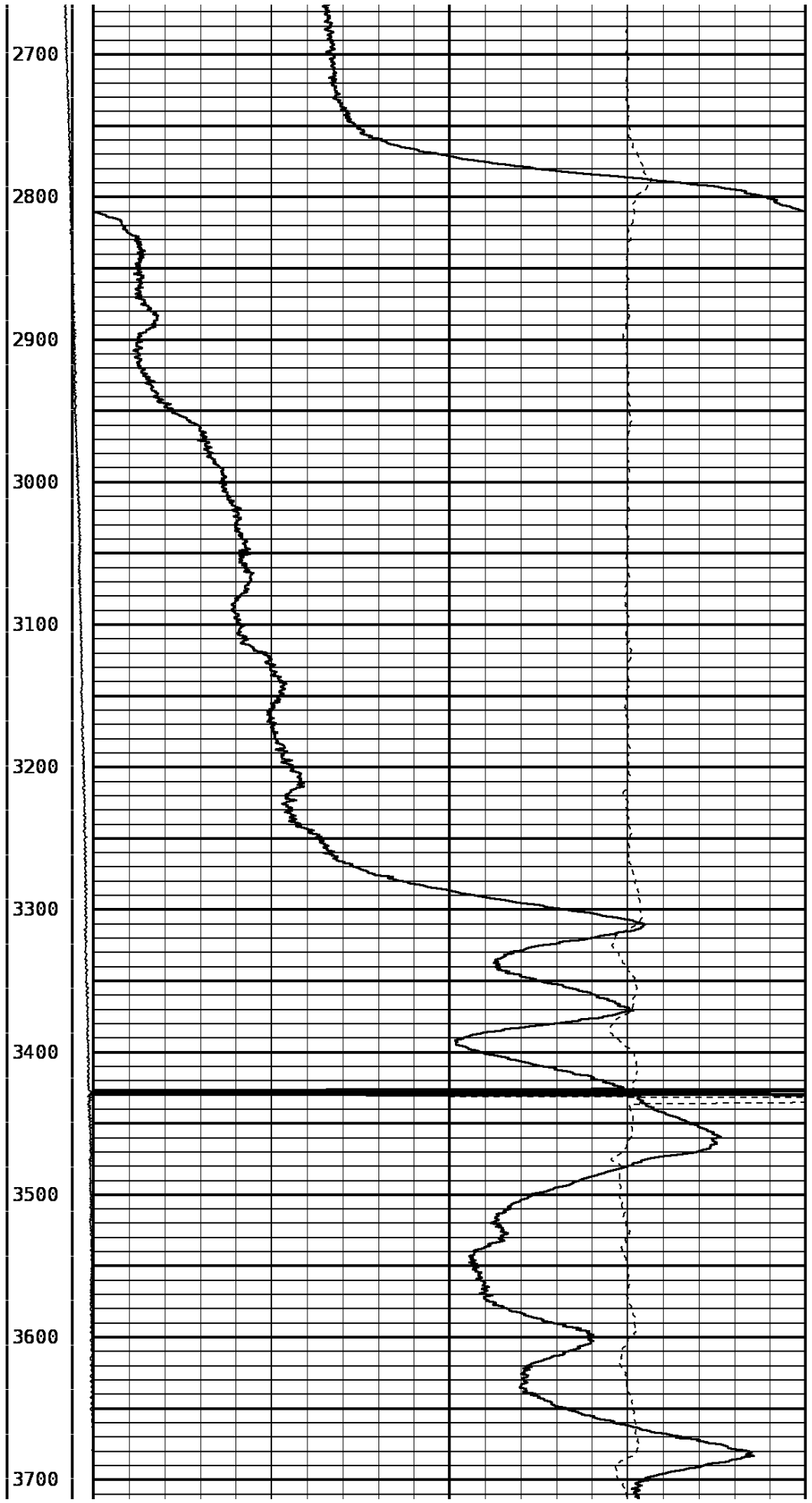
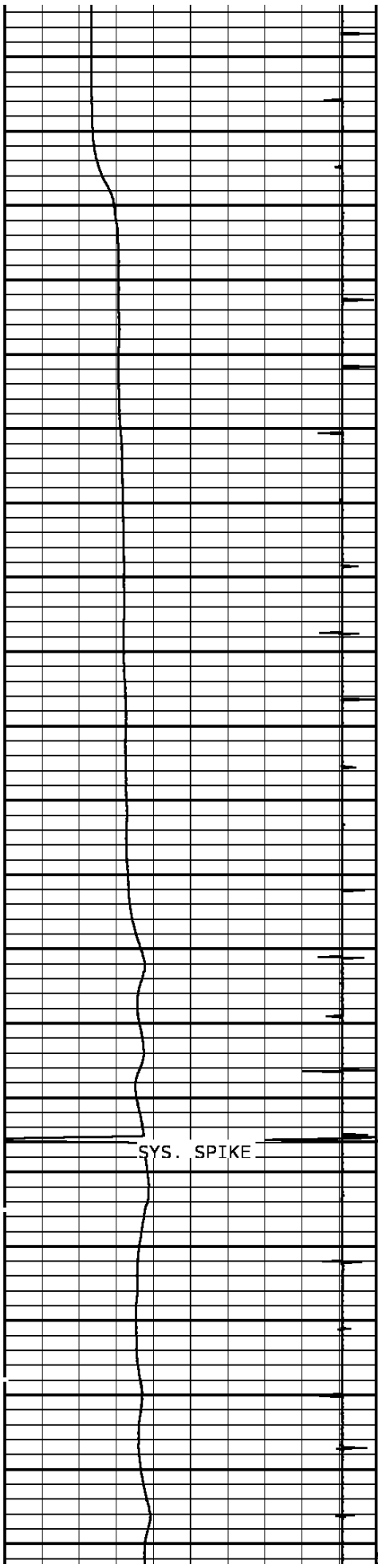
FINISH DEPTH: 2.8 Feet DIRECTION: UP DATE: 03/07/2011 TIME: 08:45 MODE: TRACE PLAYBACK

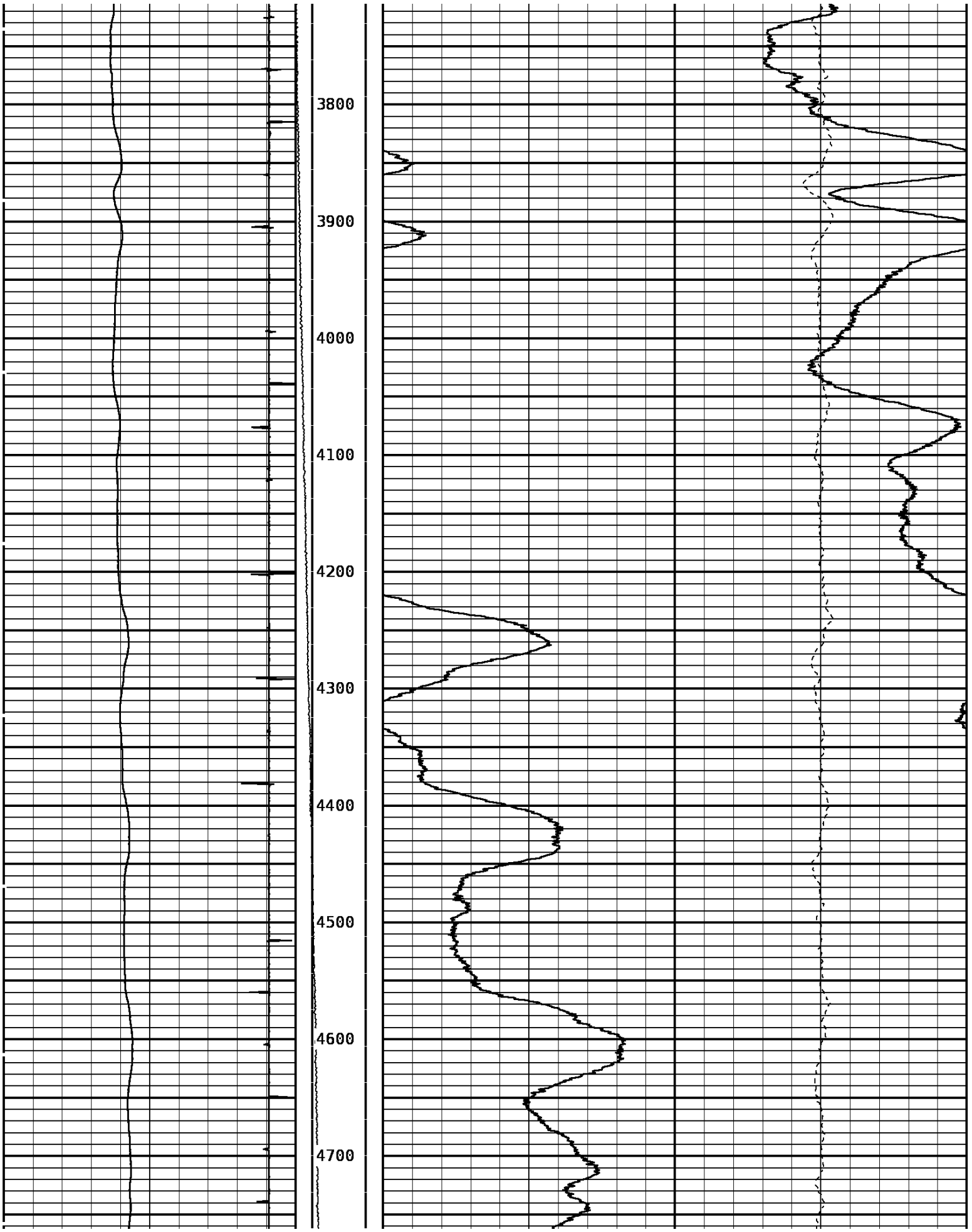
Collar Locator			DELTA TEMPERATURE		
-8000.0	Millivolts	800.0	-1.500	DegF/Foot	1.500
TEMPERATURE			Tension	AMP. TEMPERATURE	
60.0	DegreesFarenheit	260.0	0 500	0.0	DegreesFarenheit 20.0

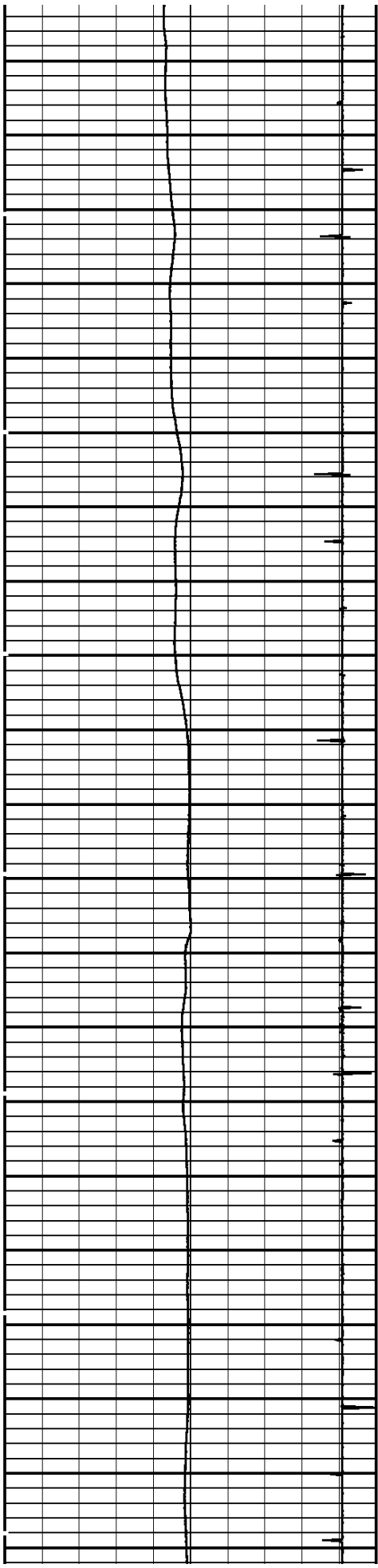




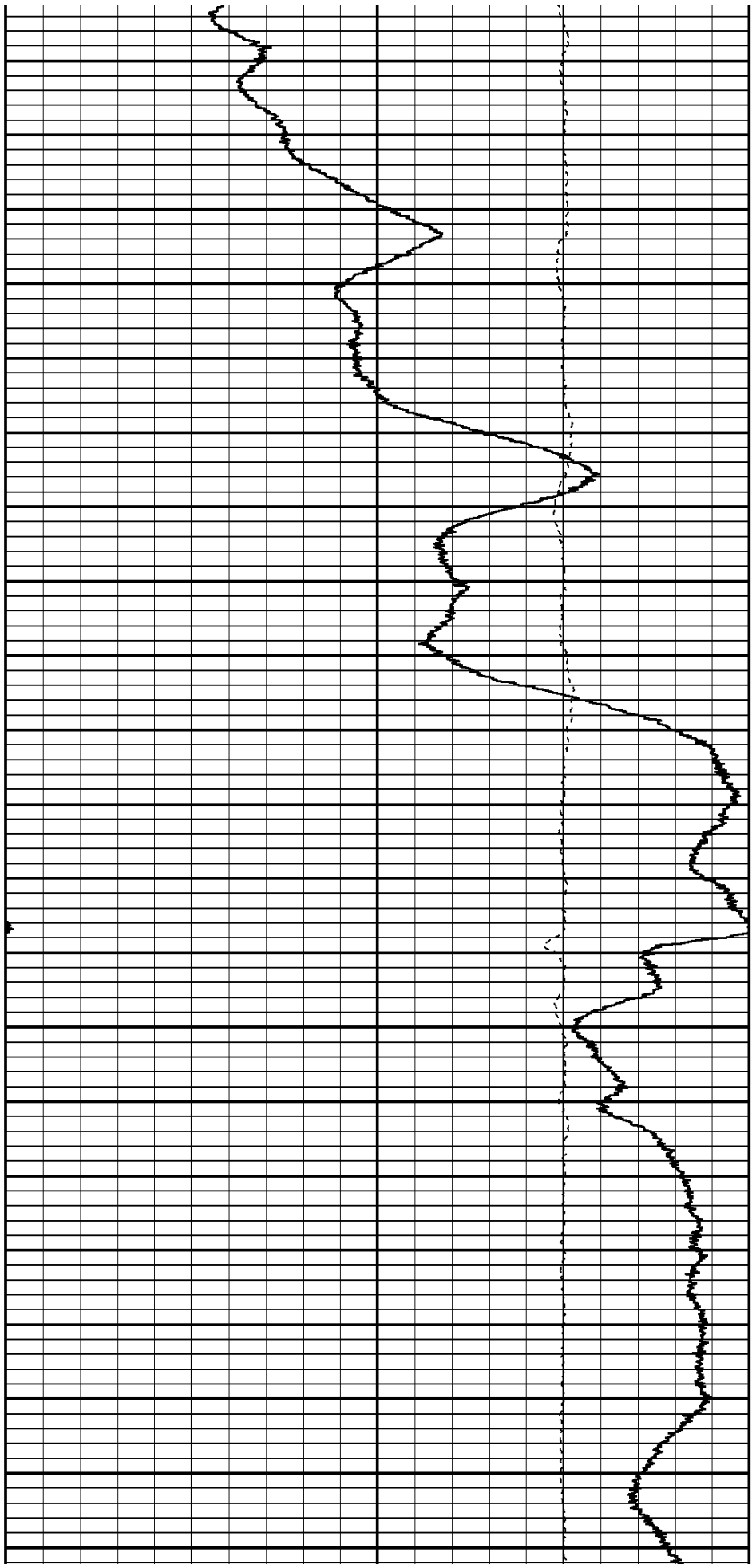


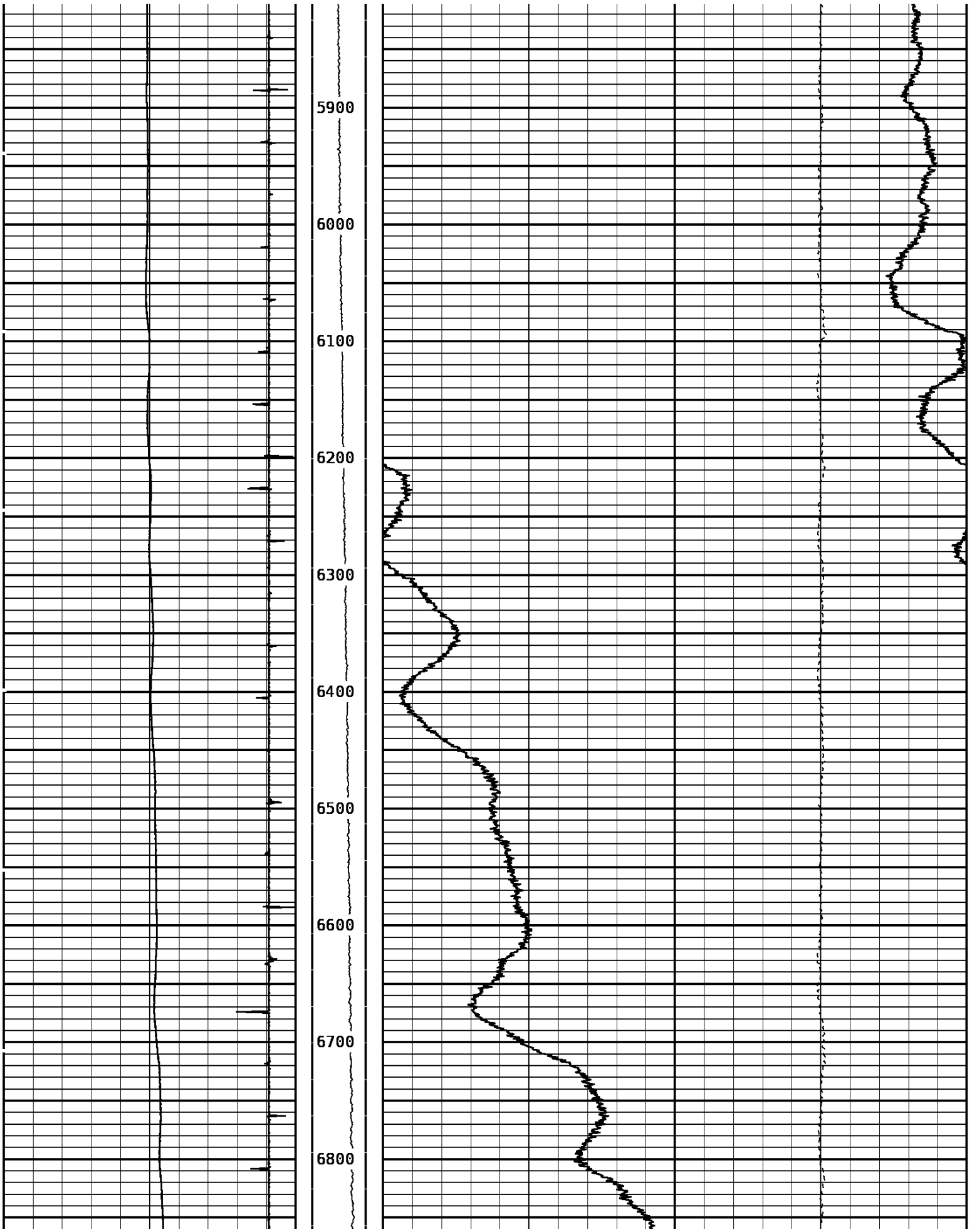


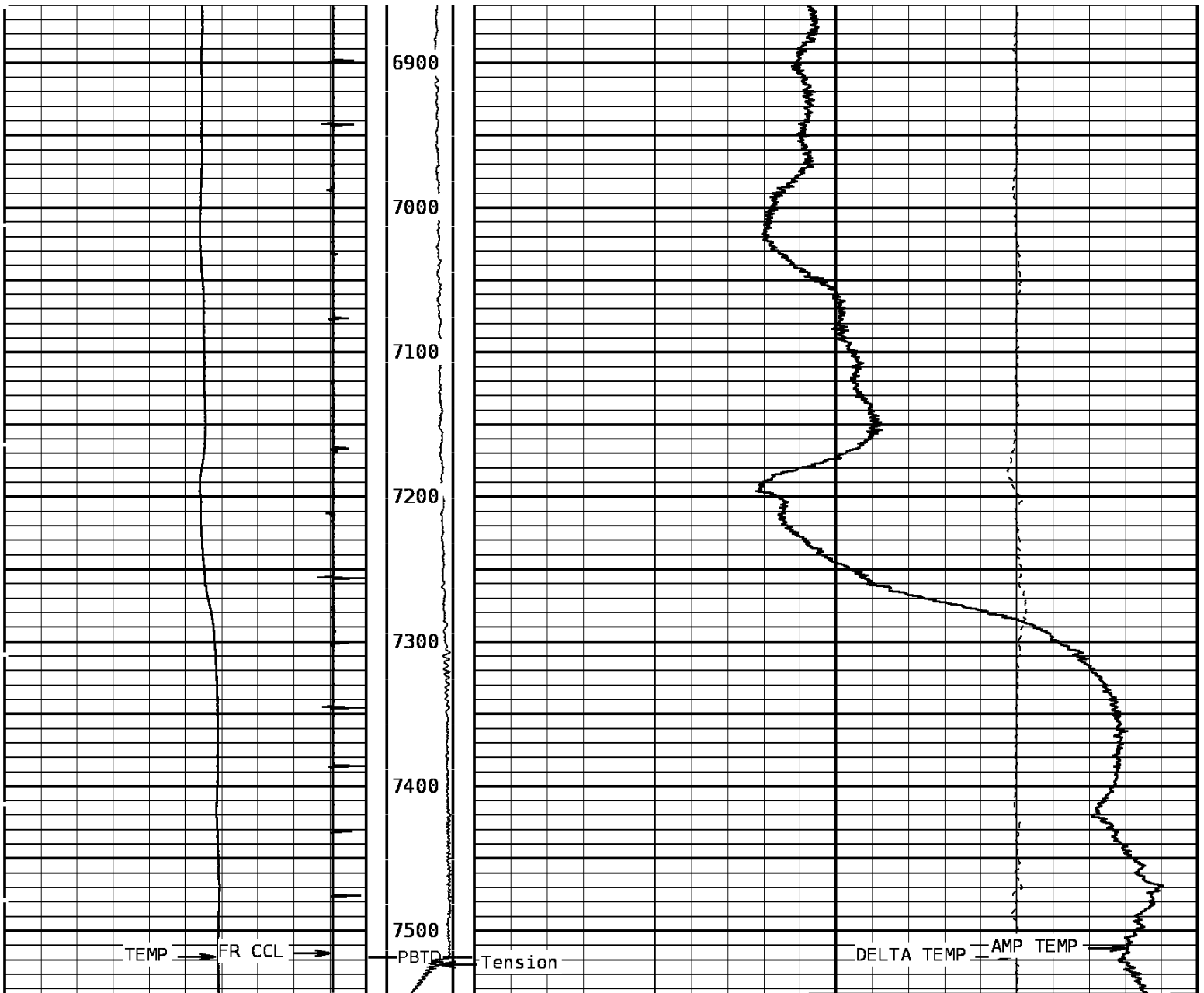




4800
4900
5000
5100
5200
5300
5400
5500
5600
5700
5800







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

START DEPTH: **7545.0** DIRECTION: **UP** DATE: **03/07/2011** TIME: **08:45** MODE: **TRACE PLAYBACK**

176818 TLTMP

MERGED PASS

DEPTH SCALE: **1":100'** VERSION: **143R 2.0b"**

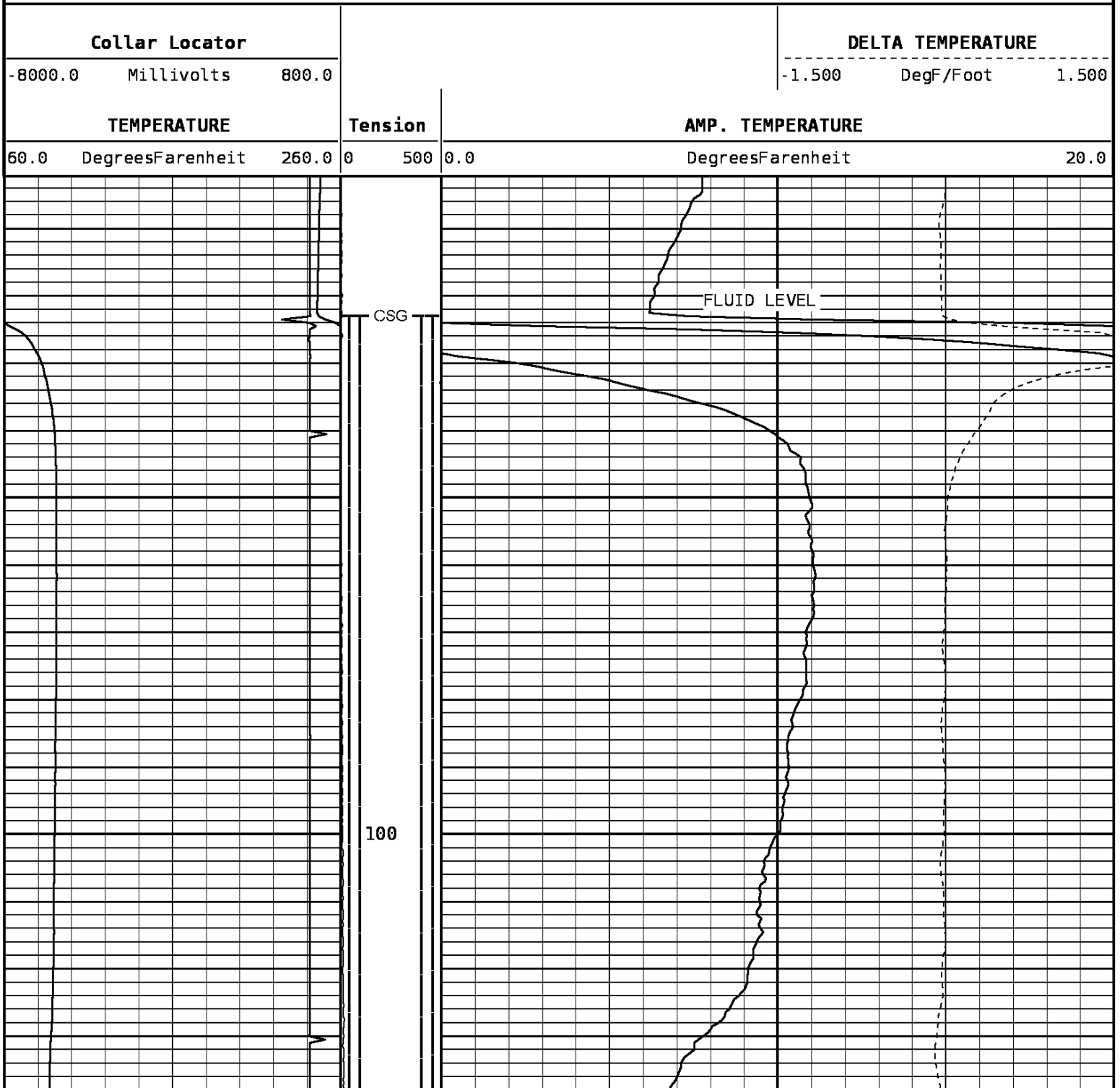
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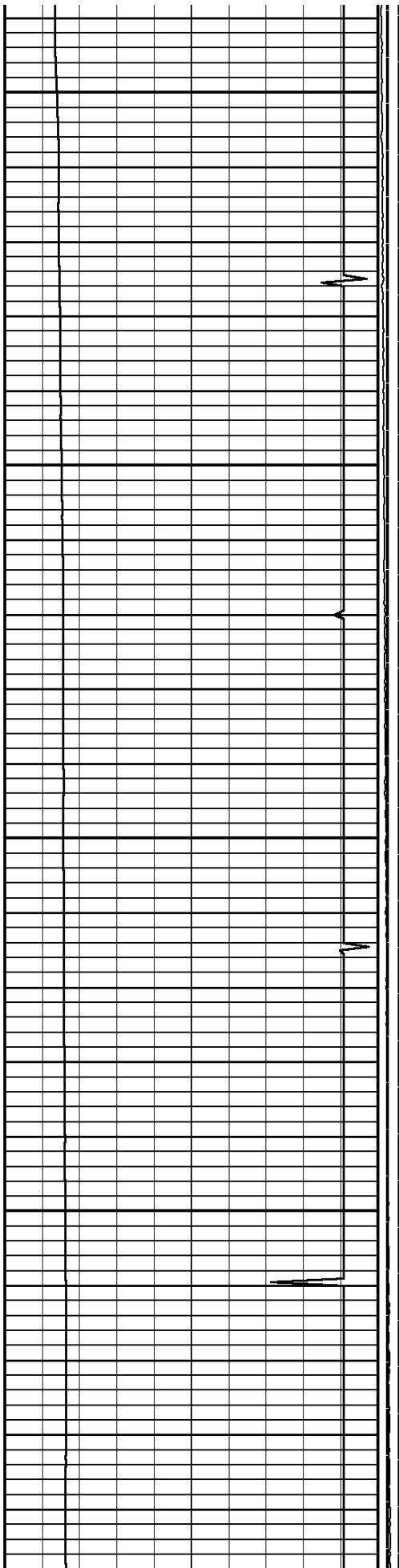
VERSION: 143R 2.0b"

MERGED PASS

176818 TLTMP

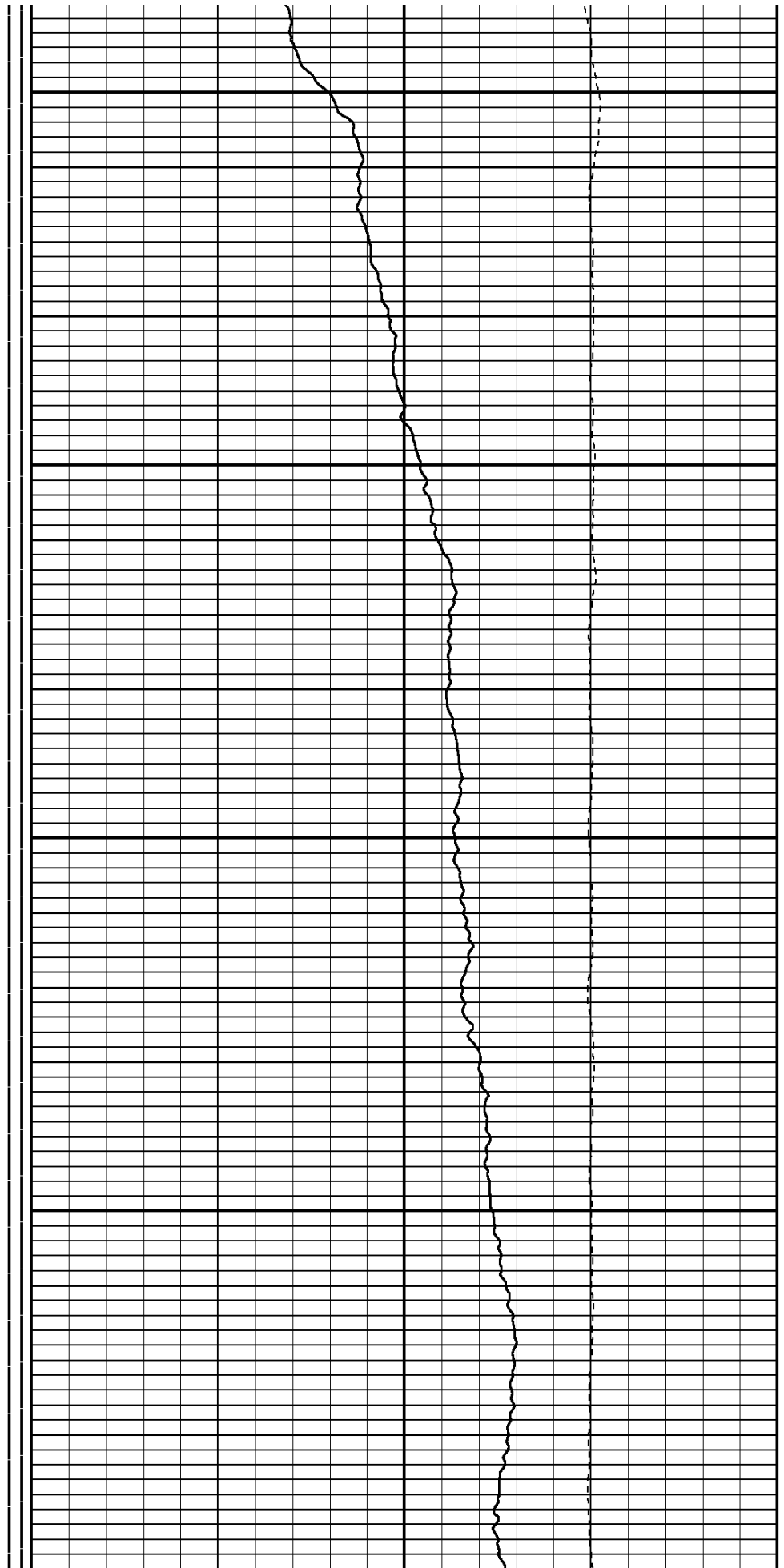
FINISH DEPTH: 2.8 Feet DIRECTION: UP DATE: 03/07/2011 TIME: 08:45 MODE: TRACE PLAYBACK

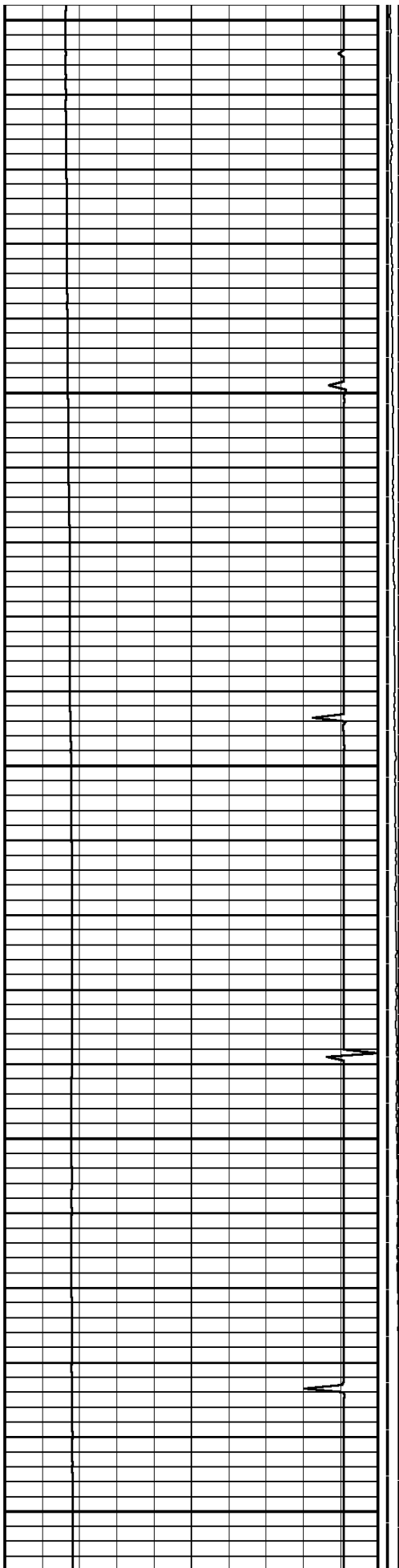




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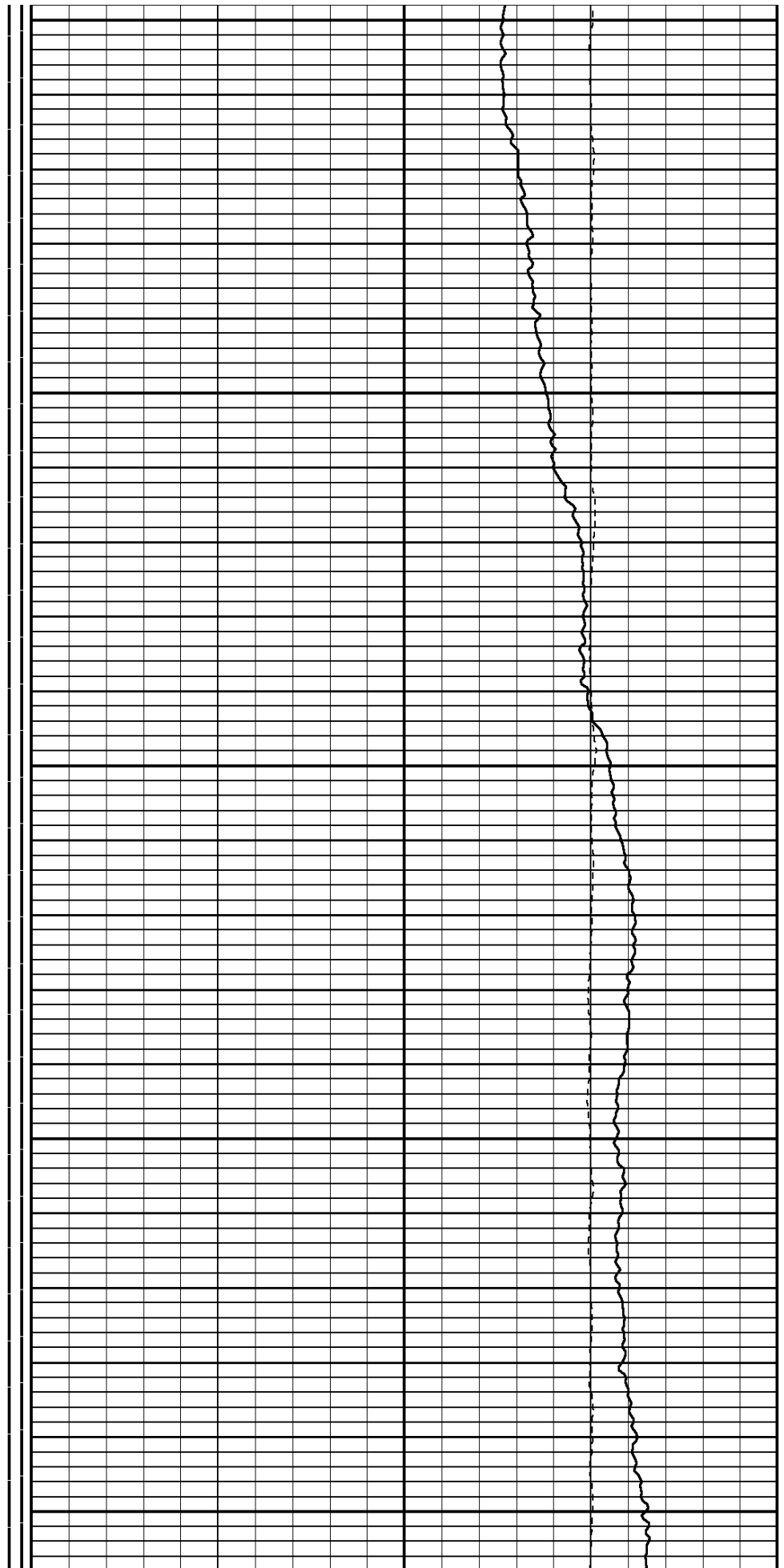
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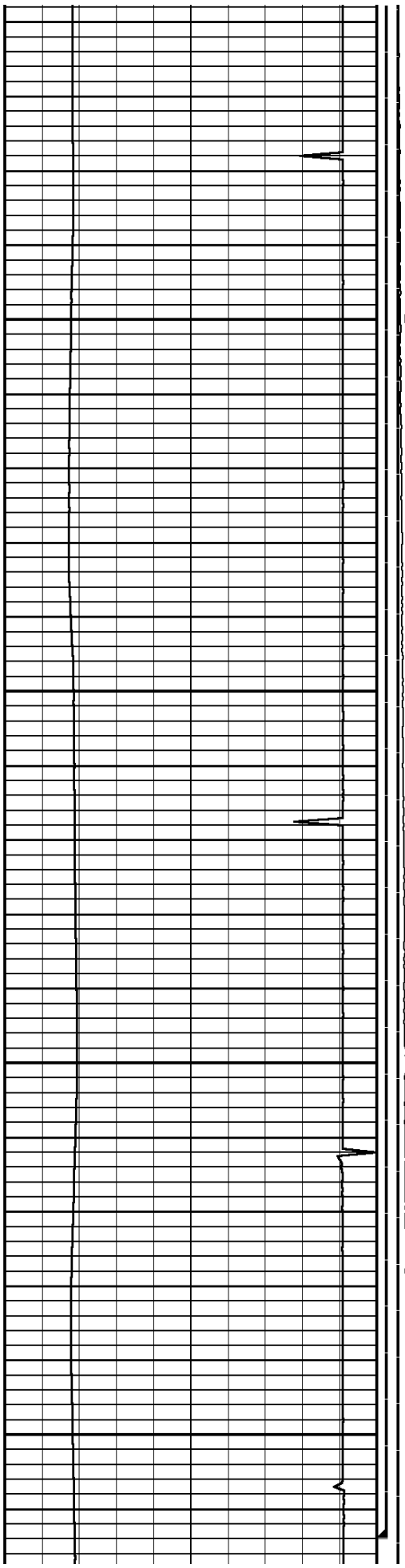




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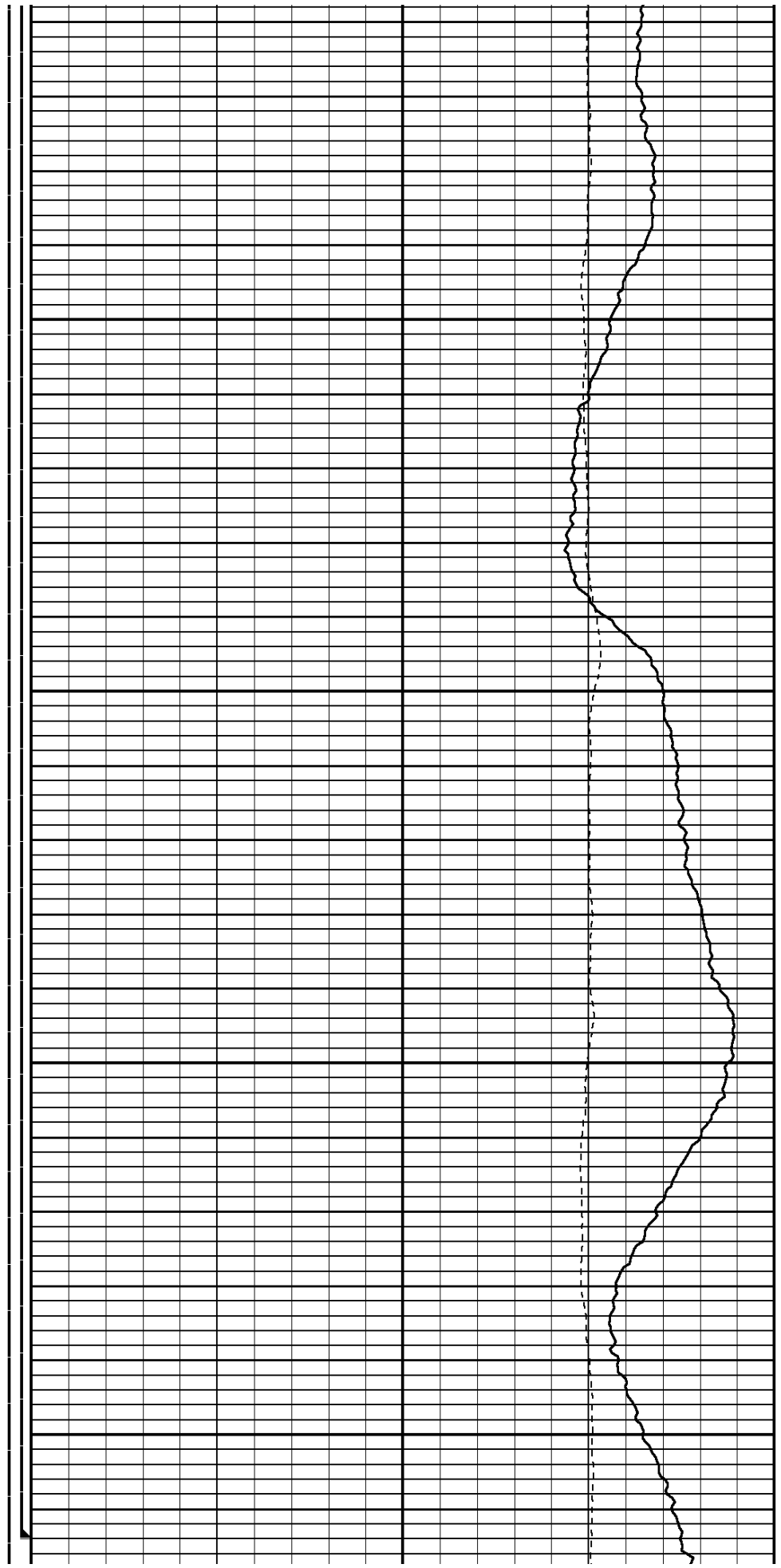
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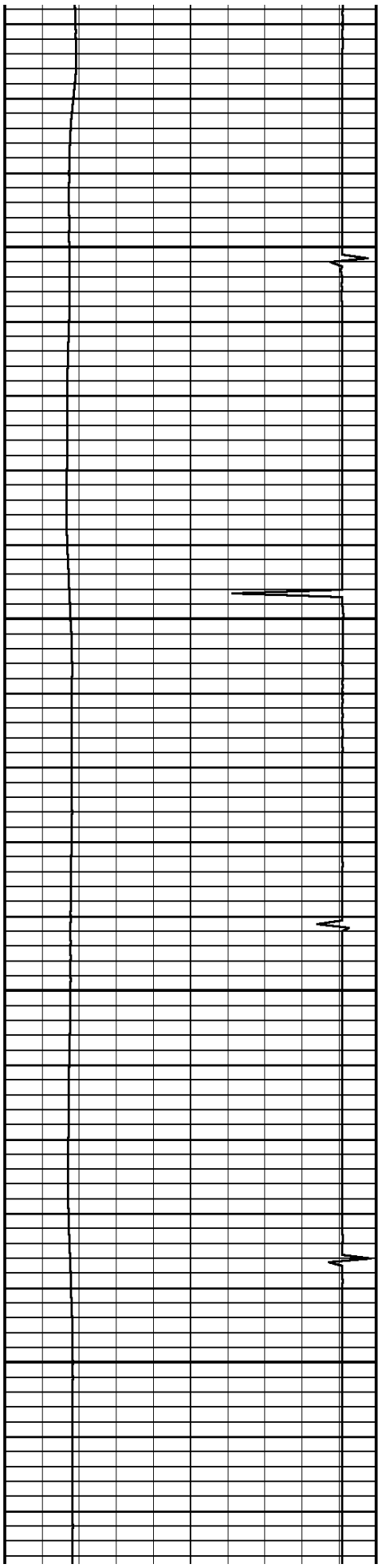




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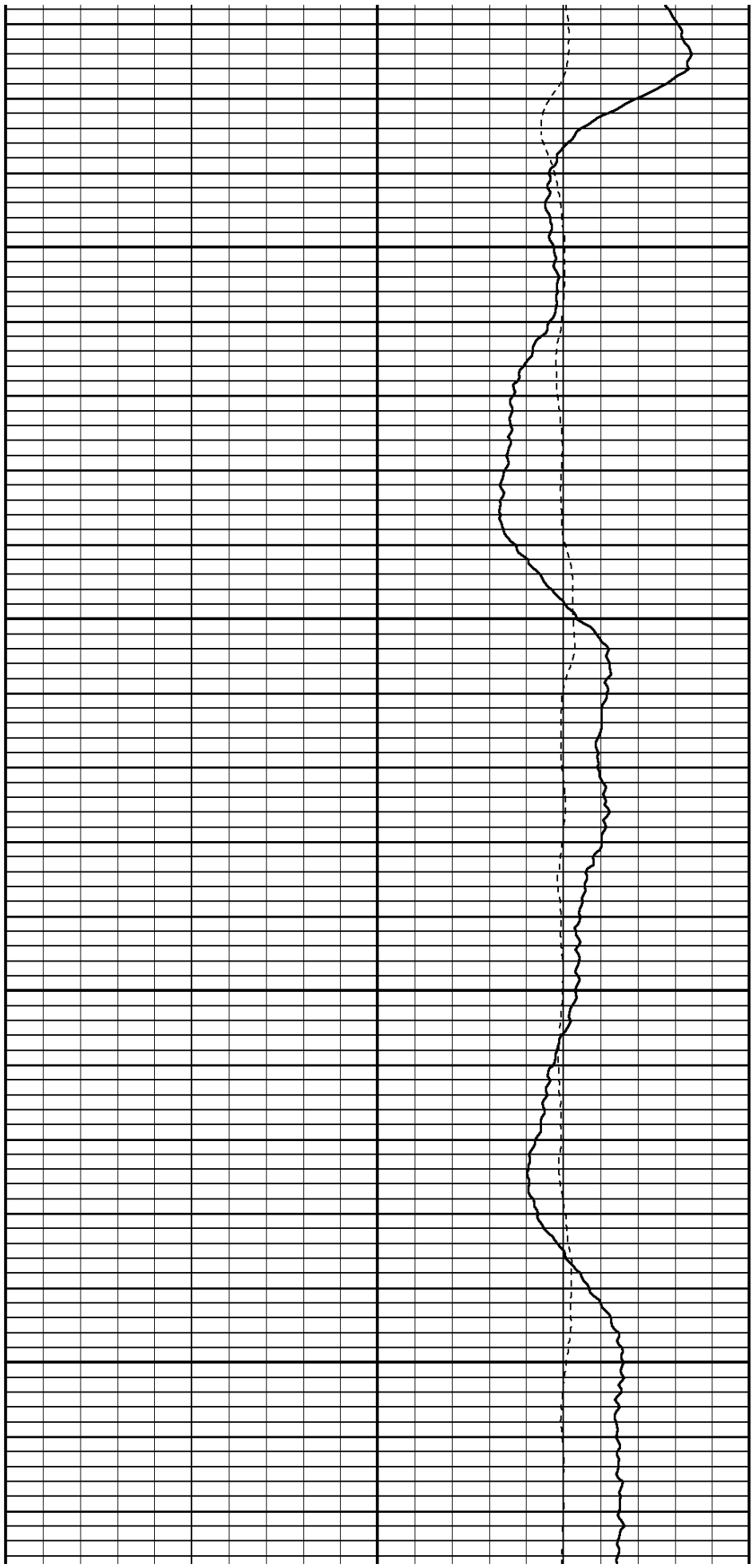
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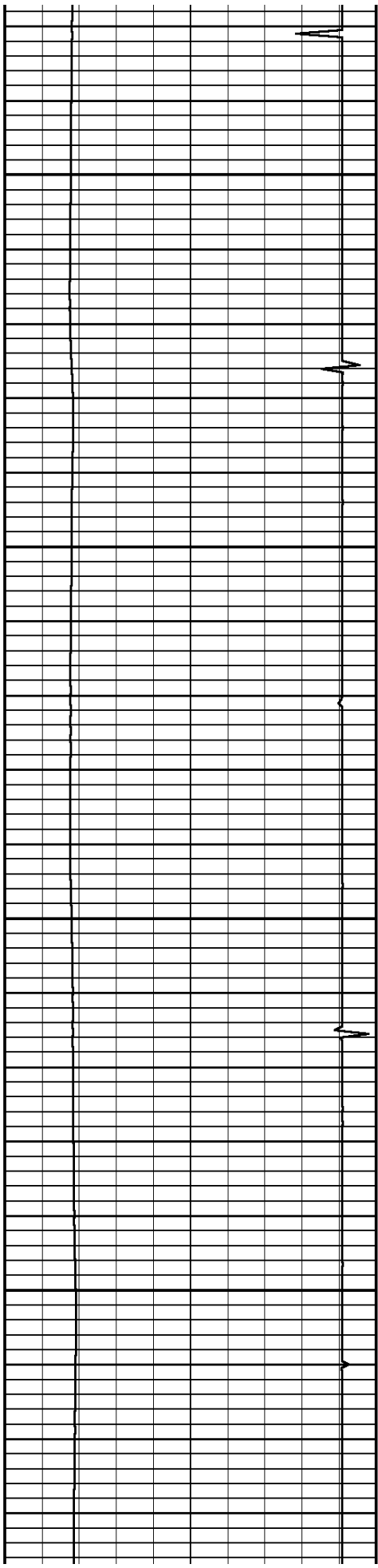




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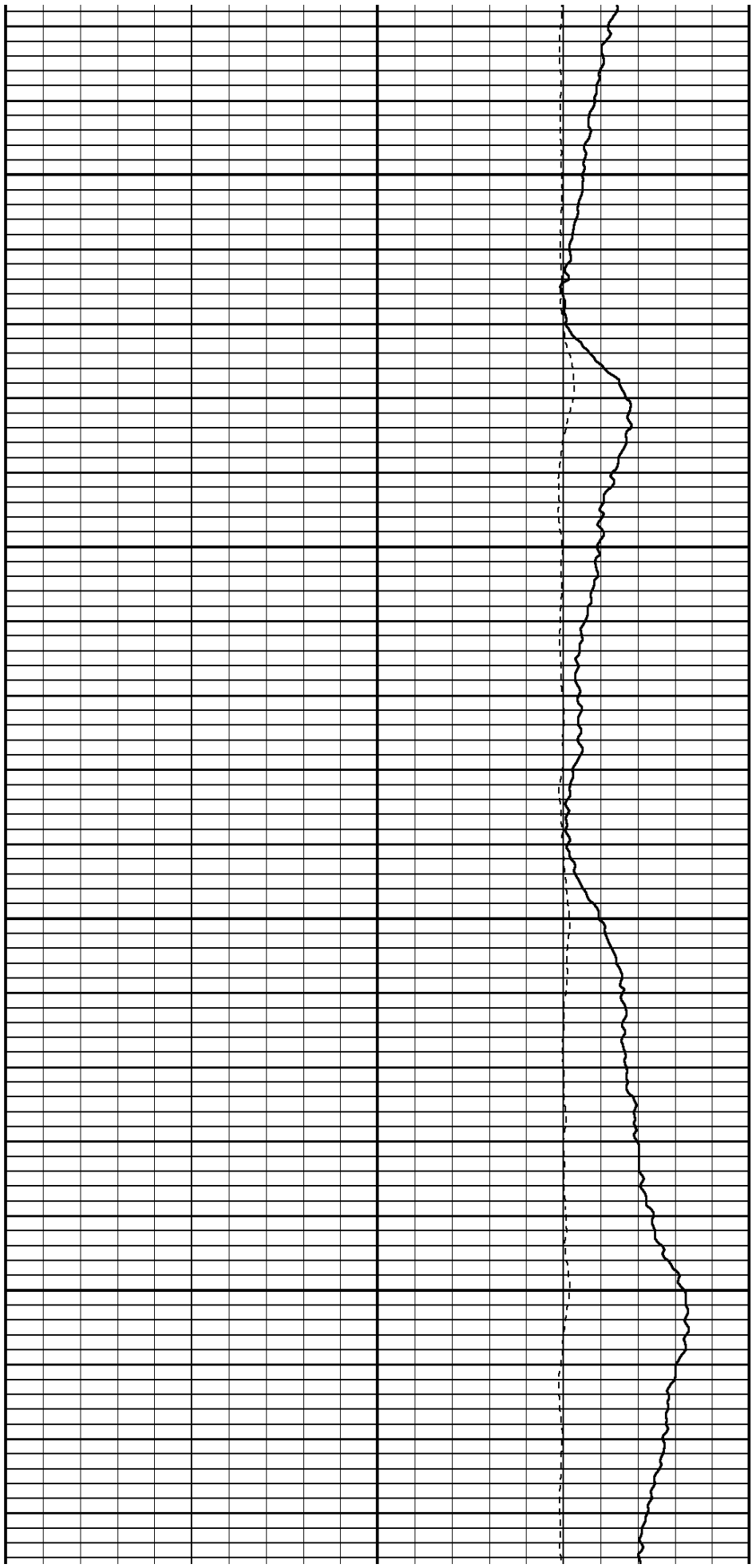
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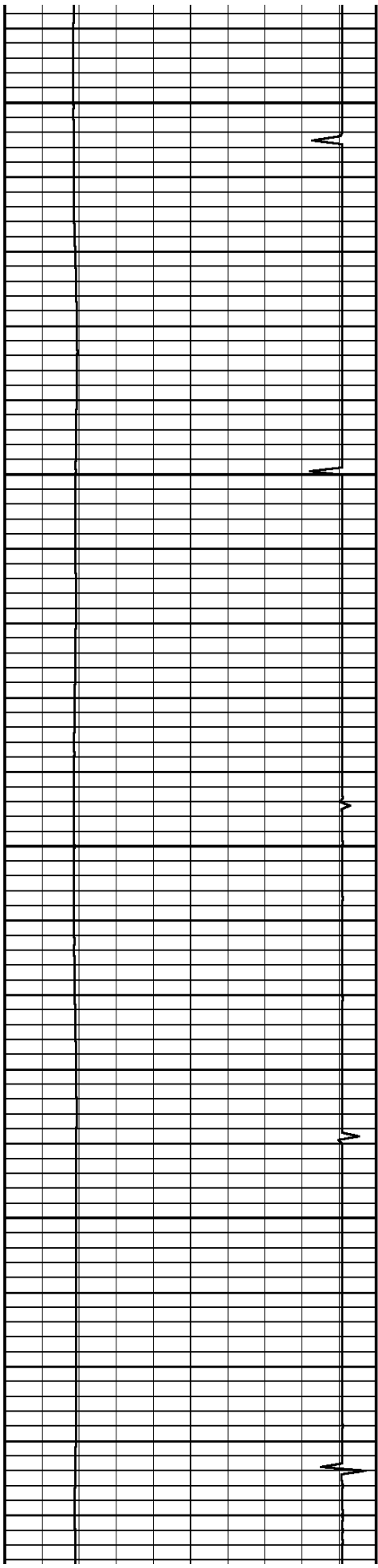




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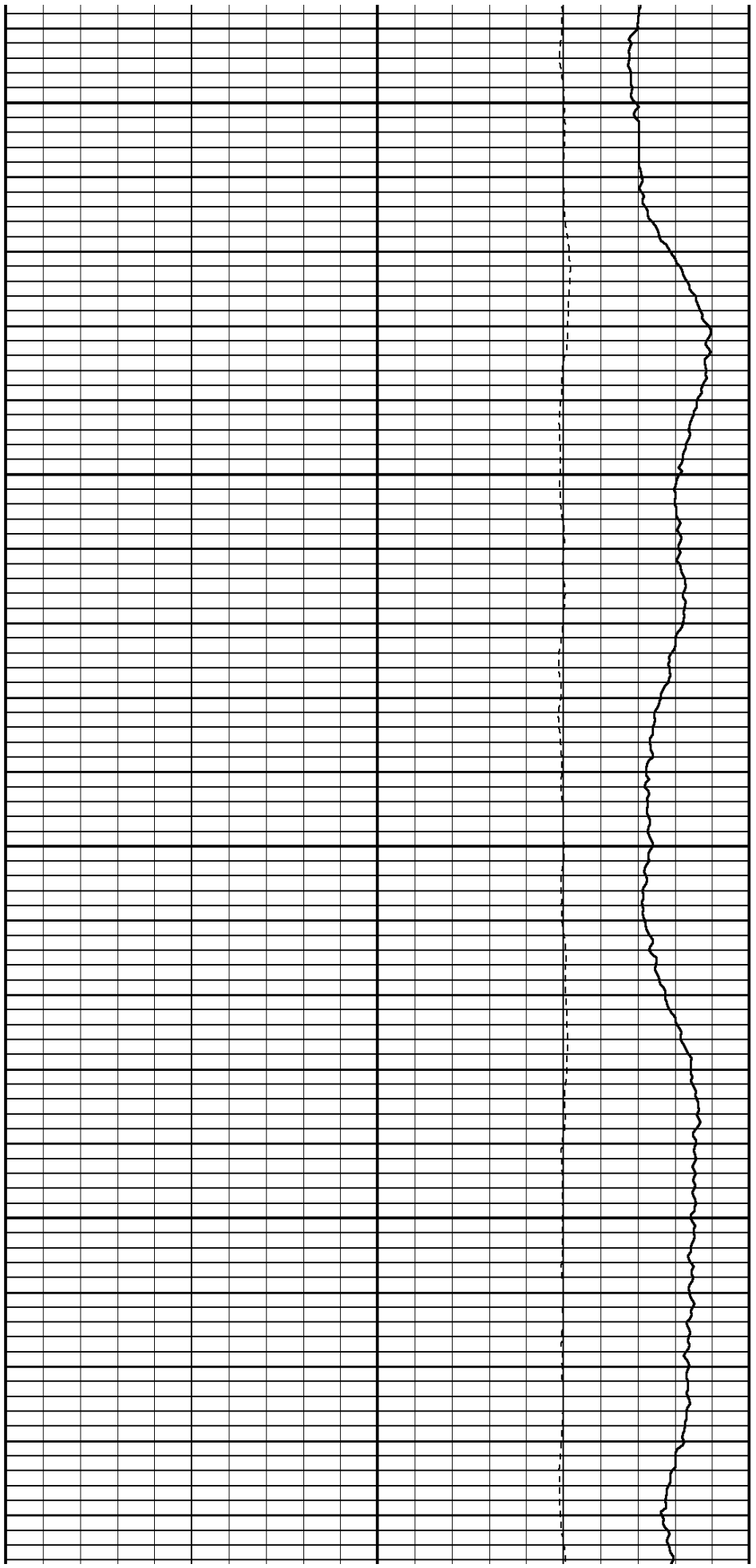
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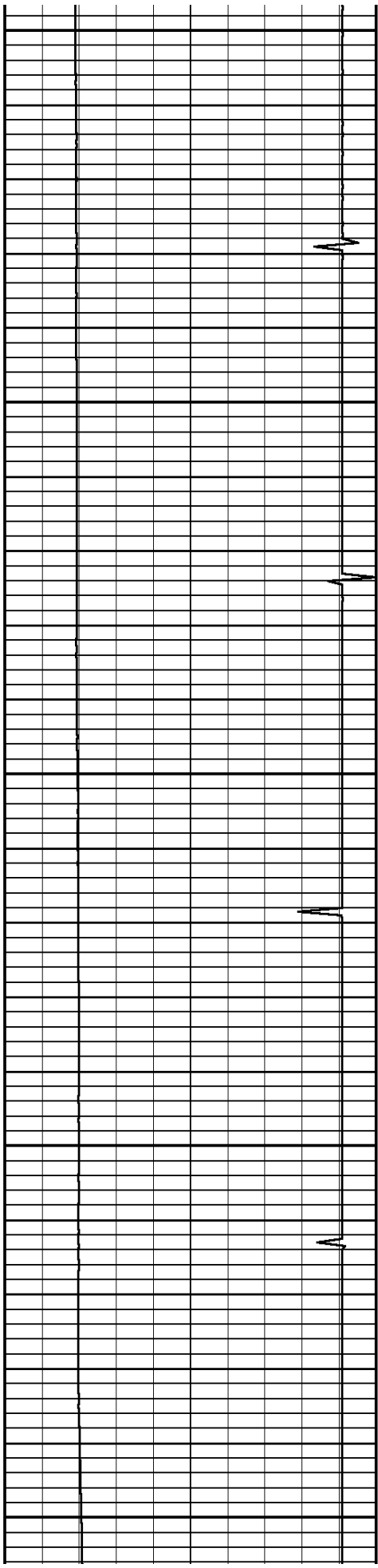




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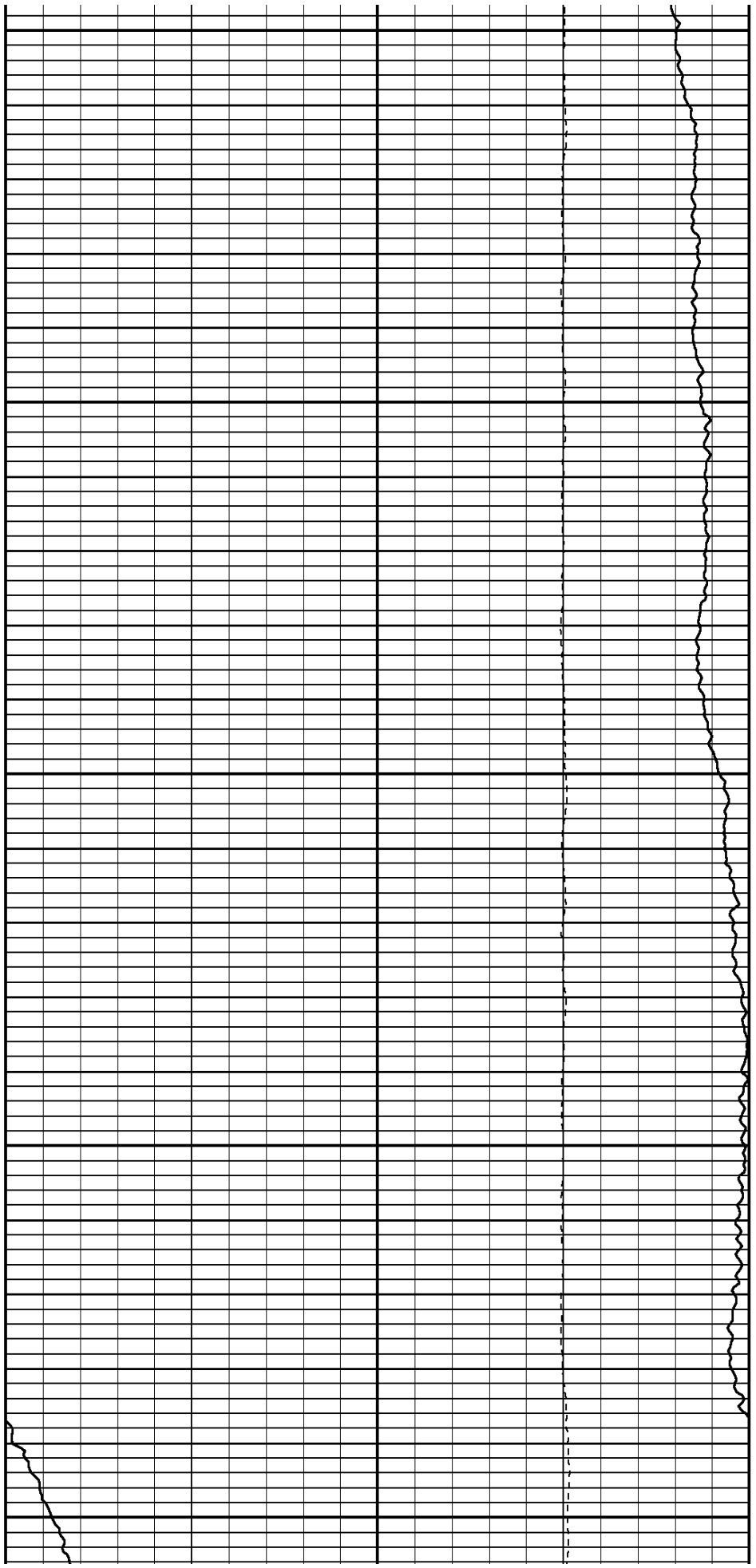


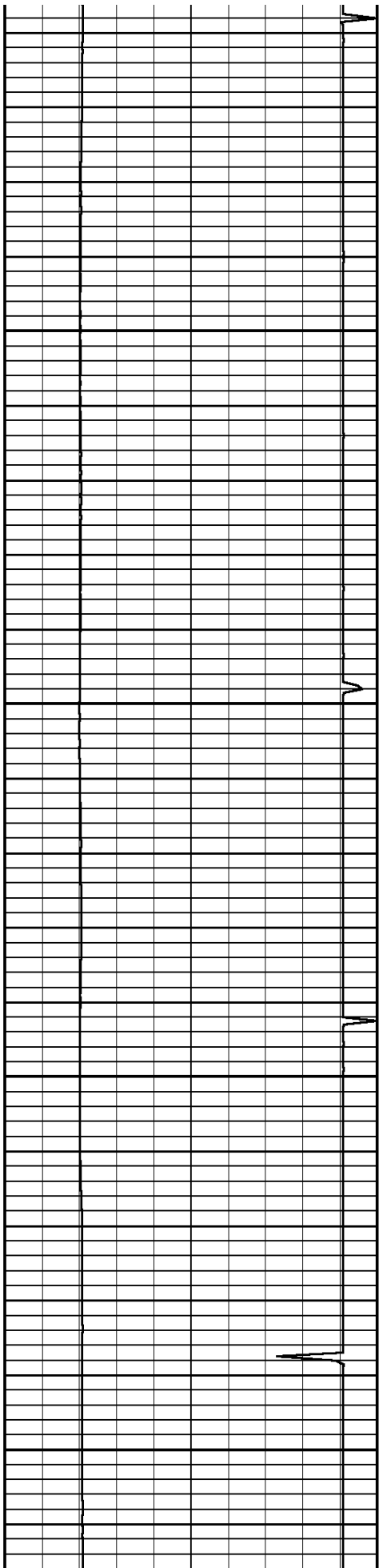


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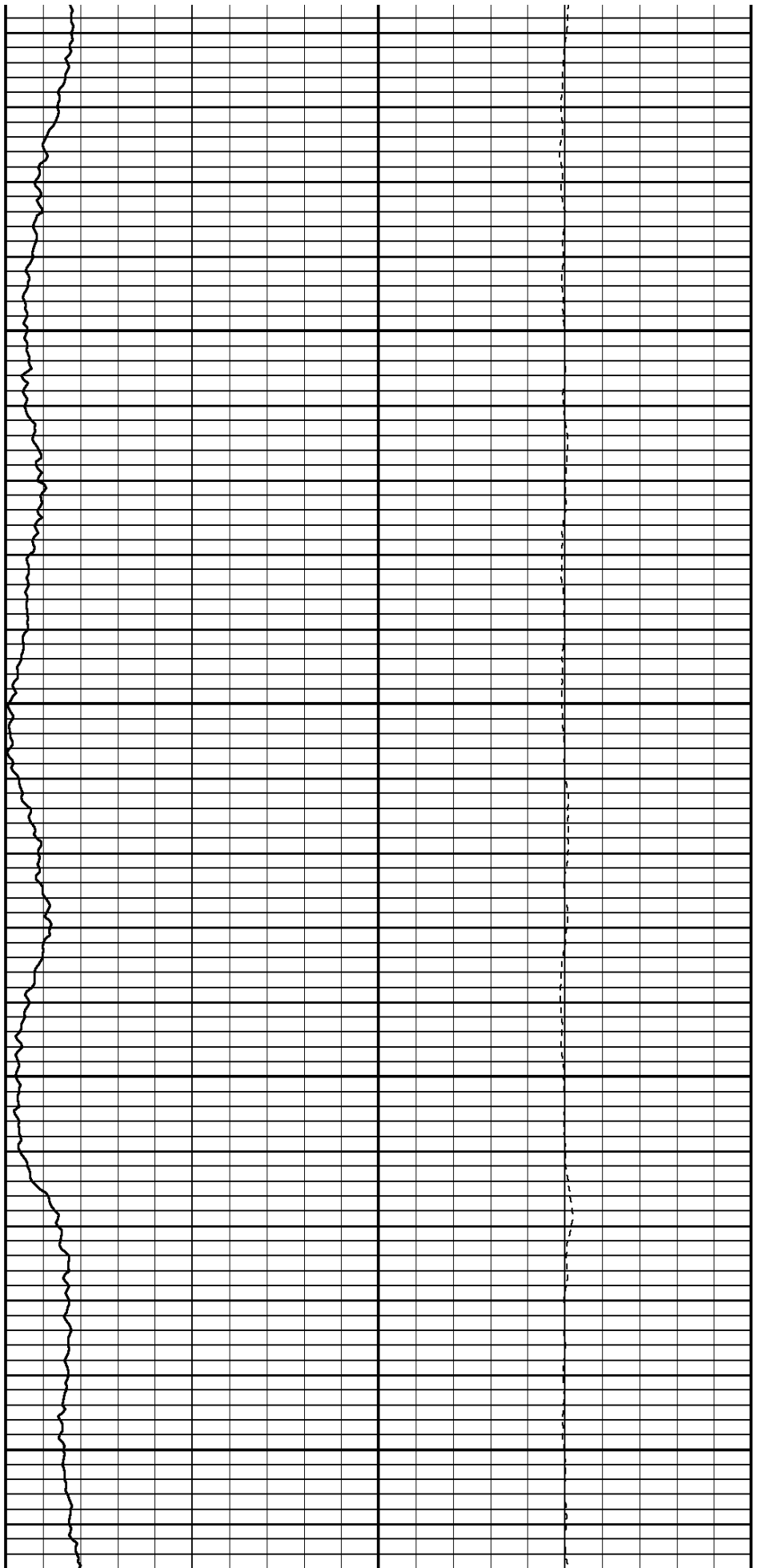
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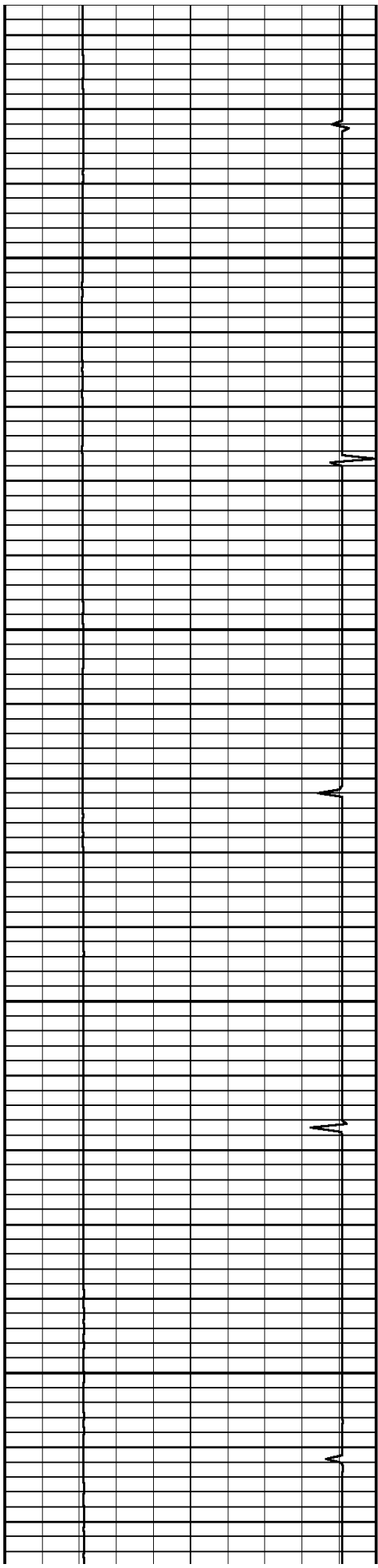




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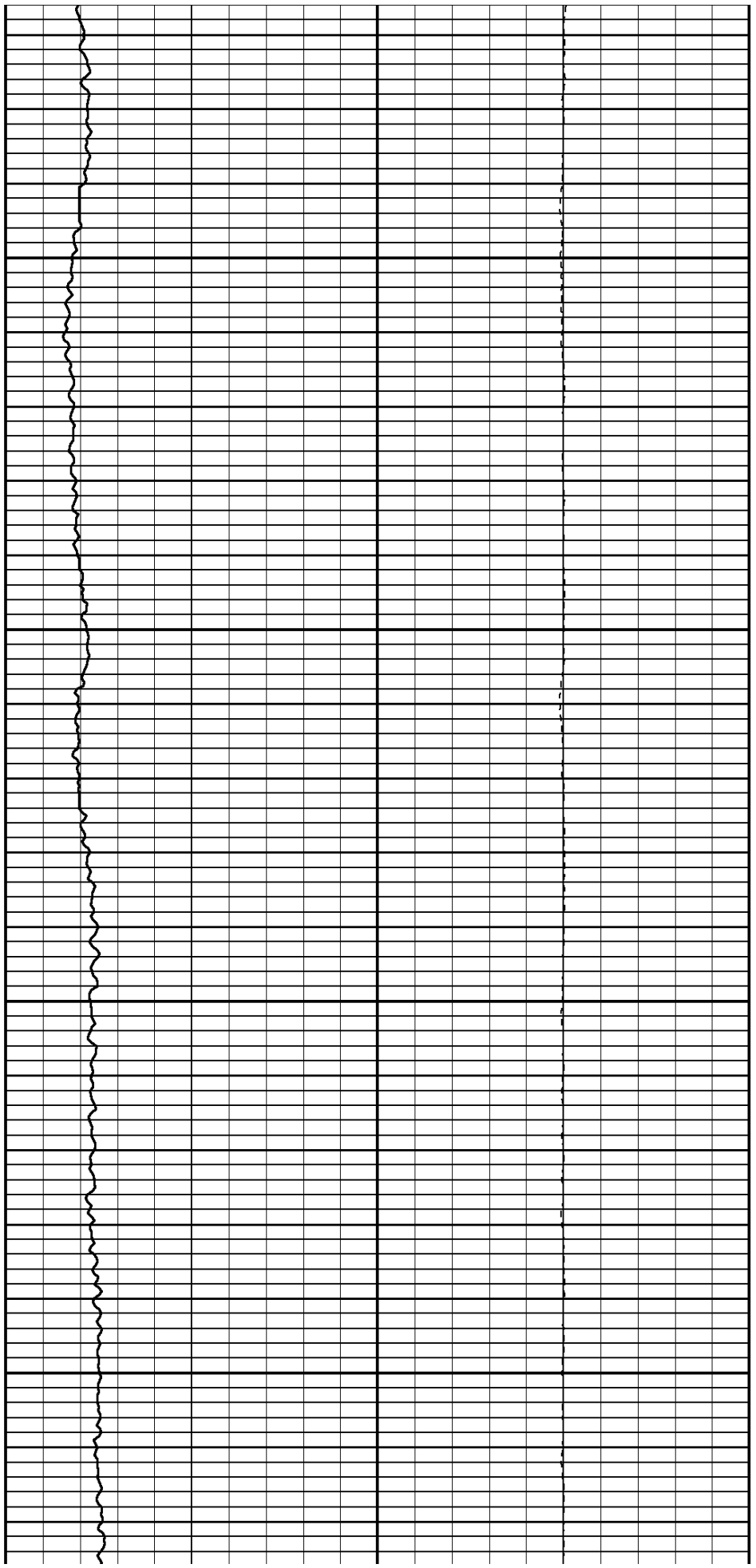
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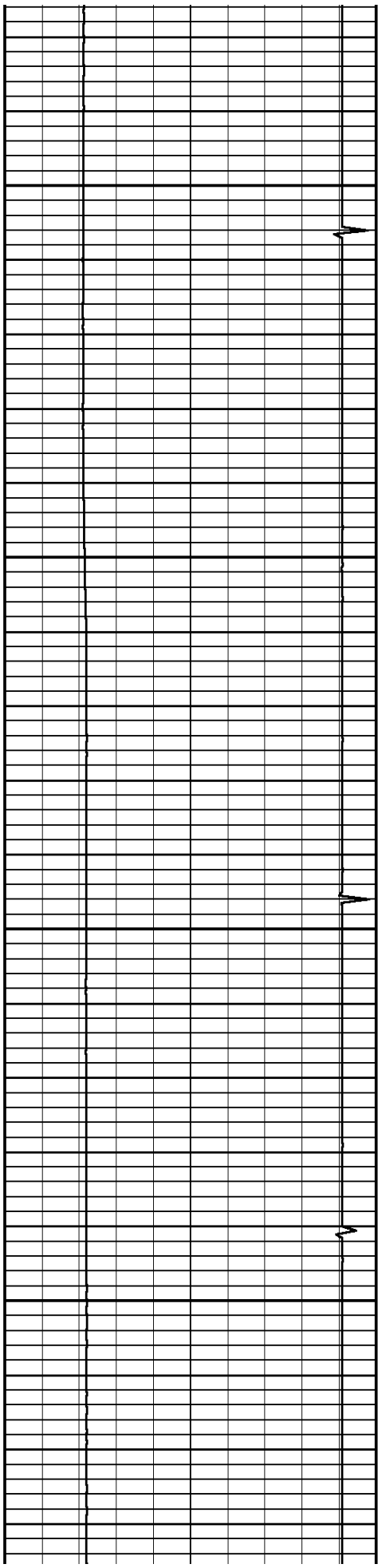




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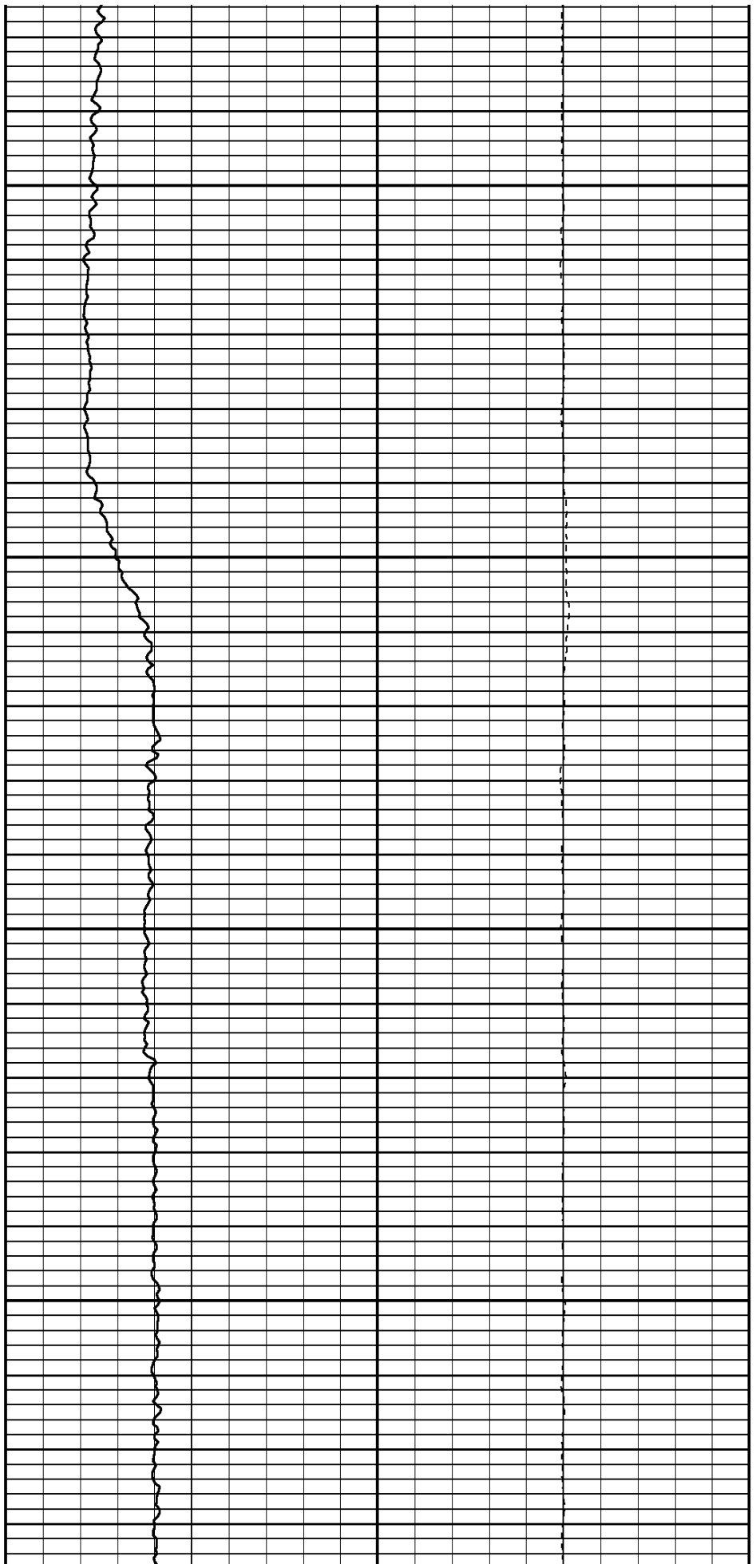
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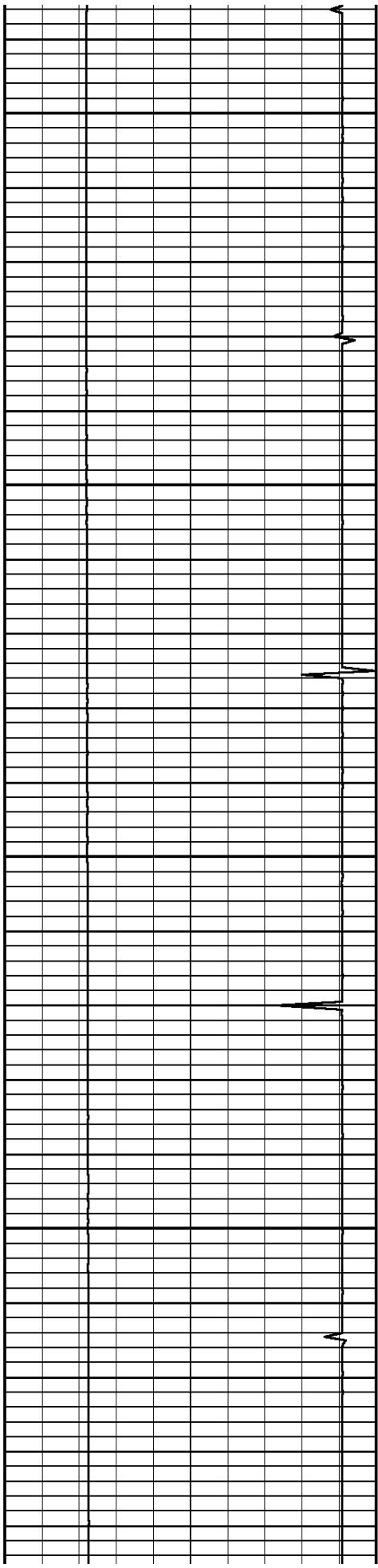




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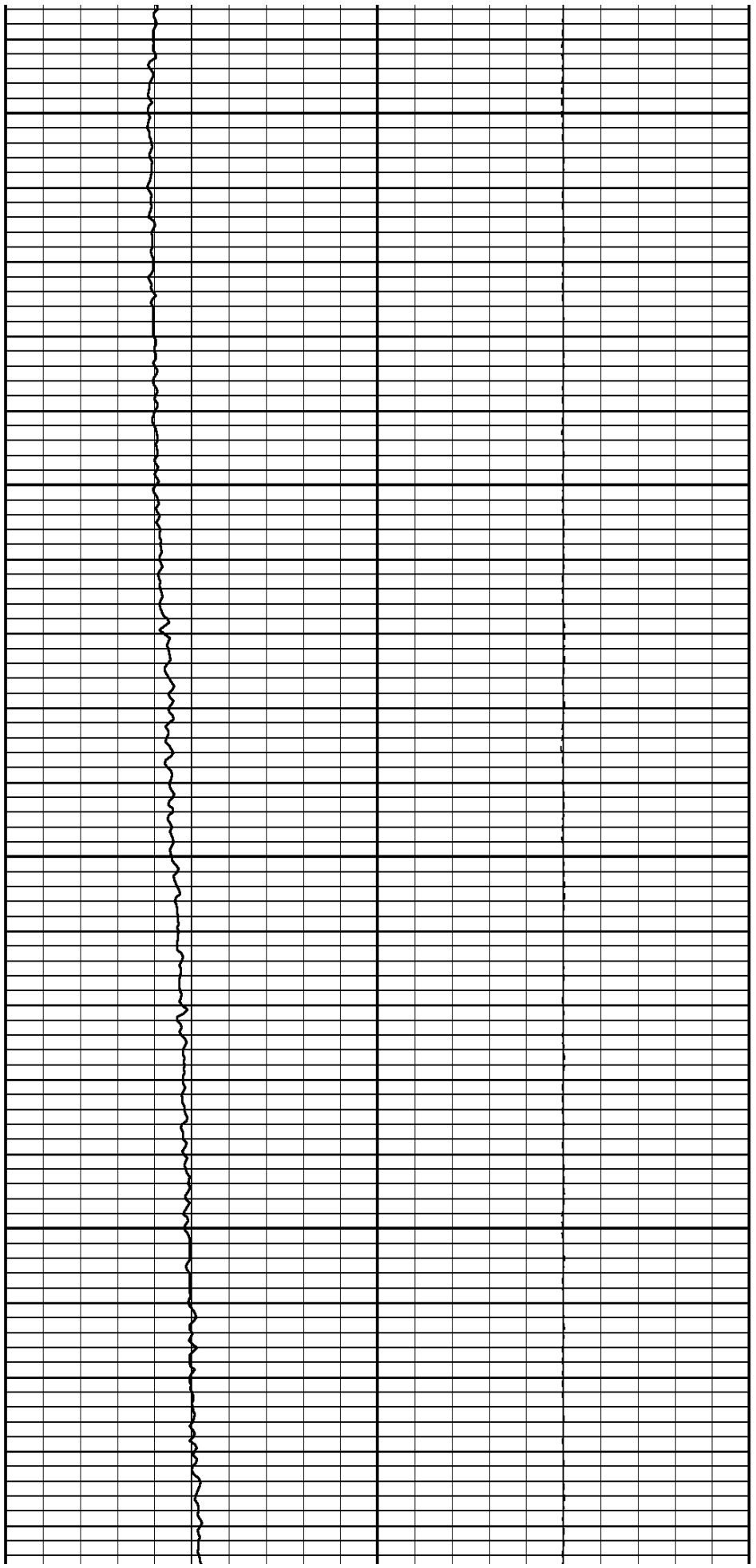
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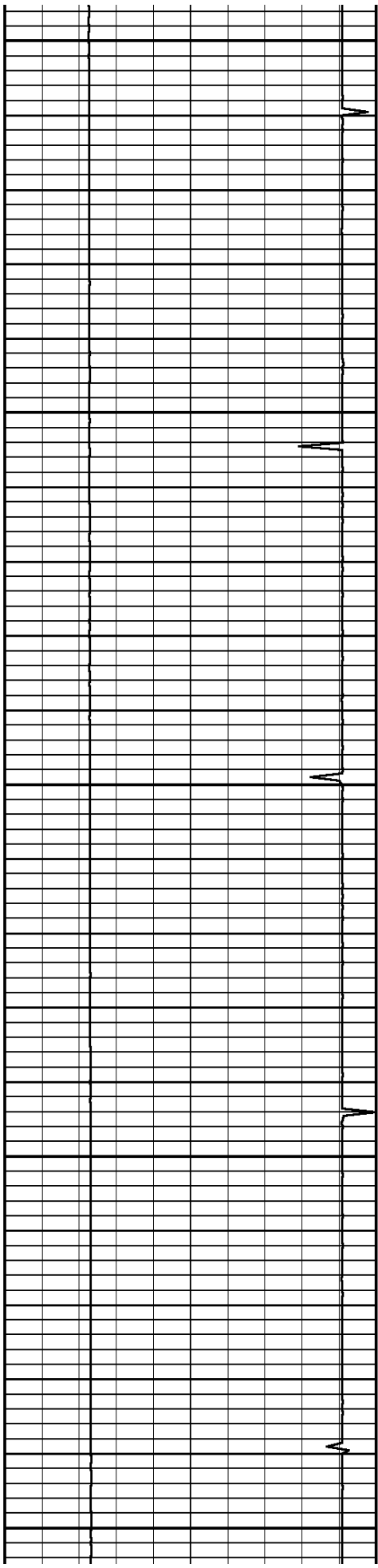




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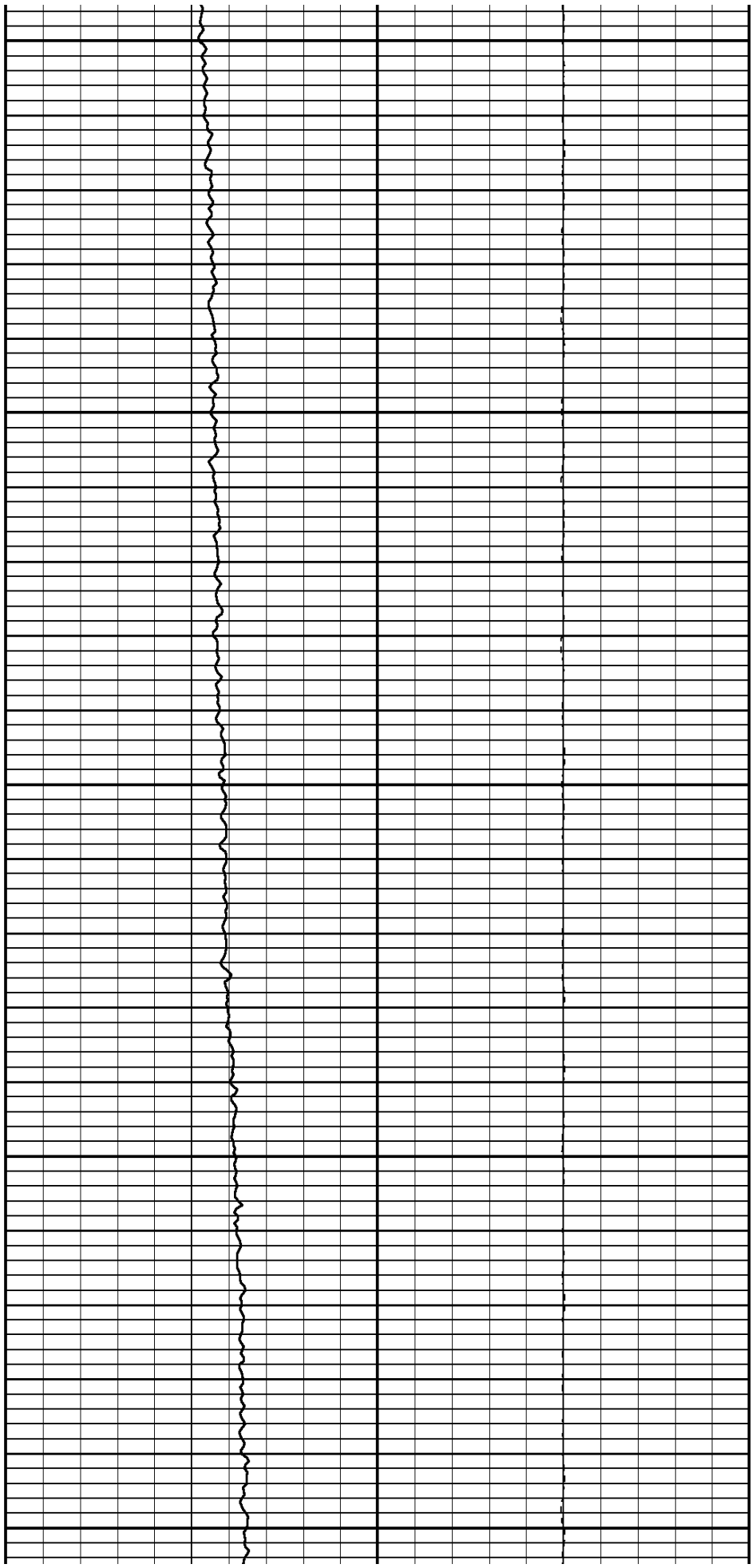
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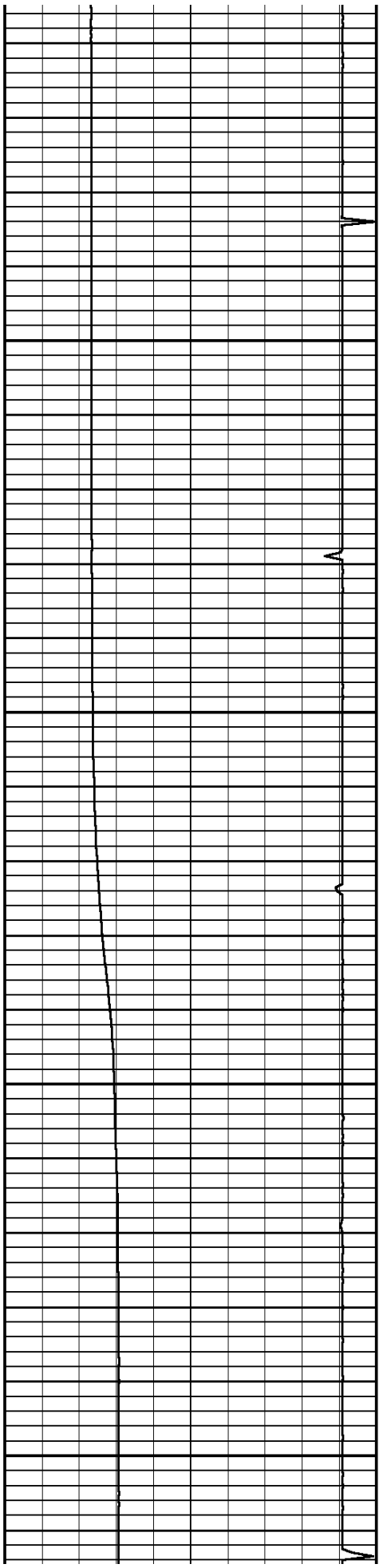




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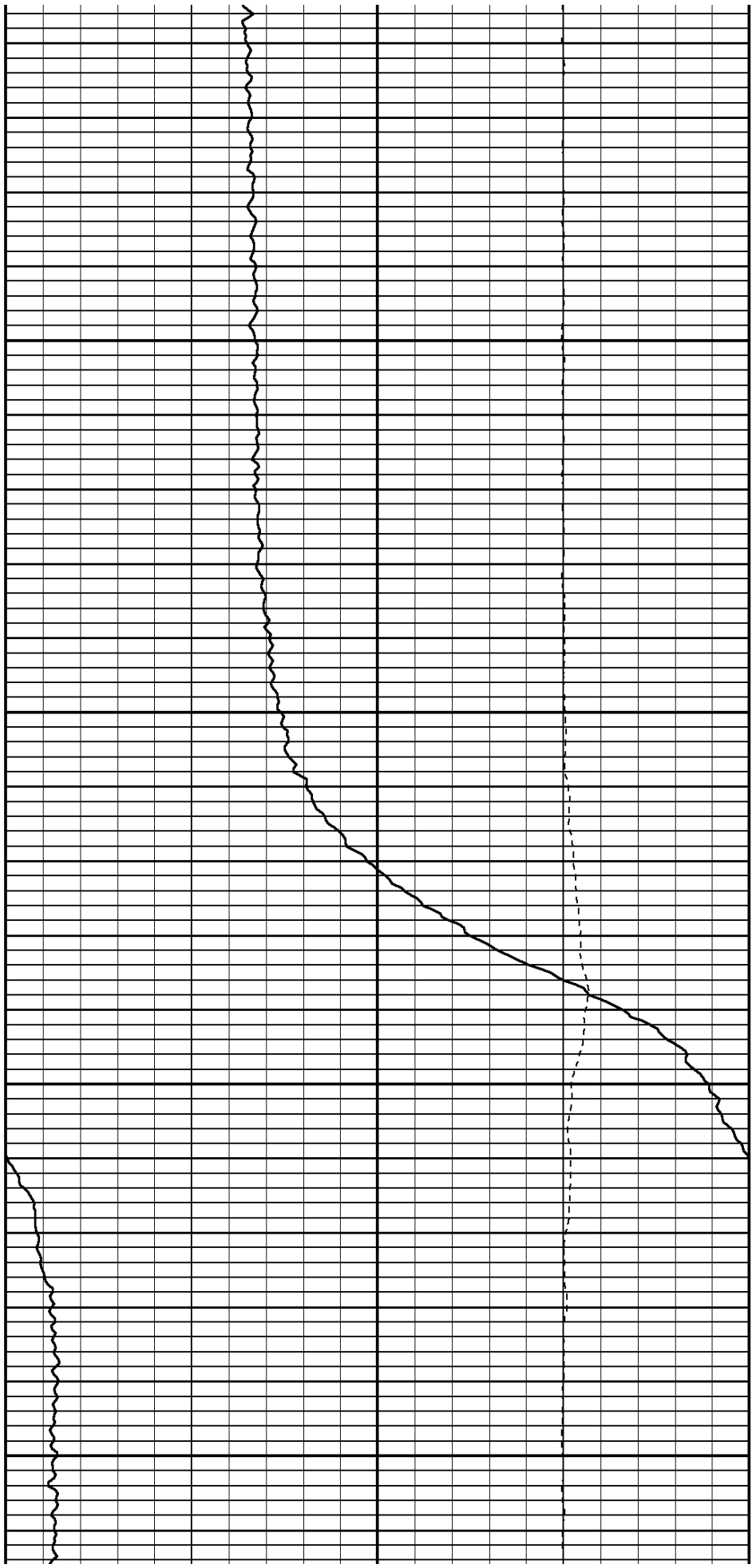
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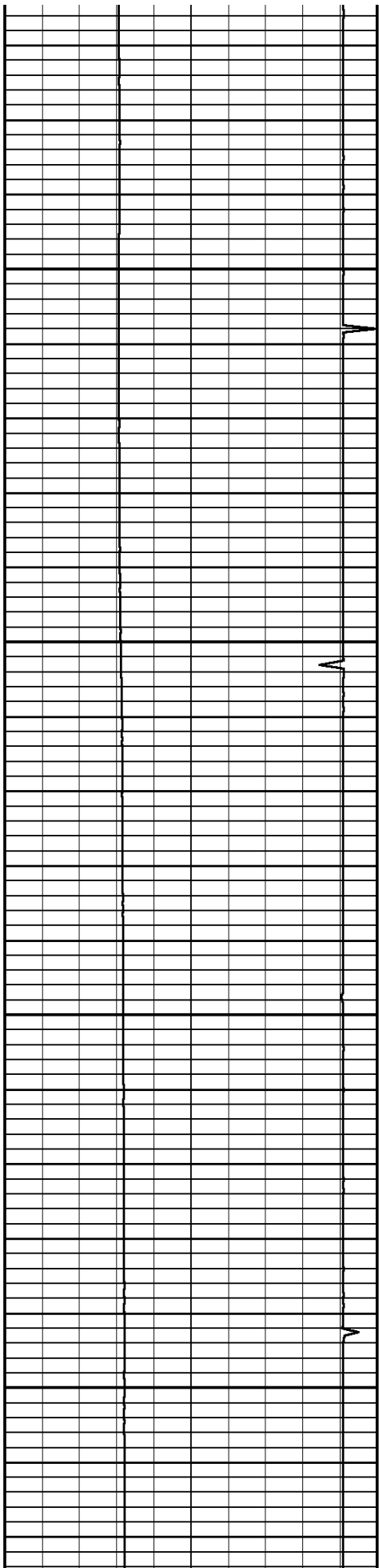




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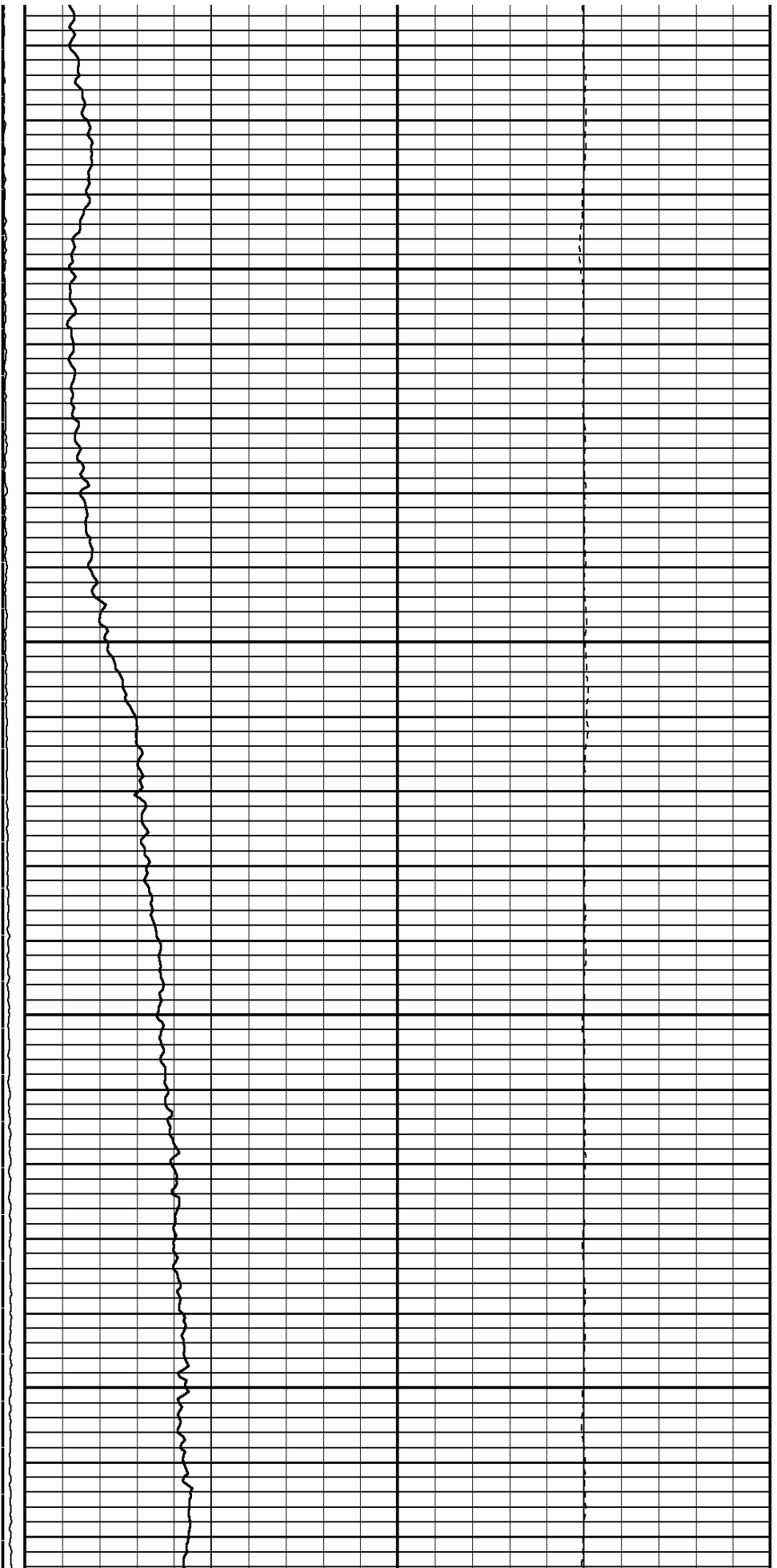
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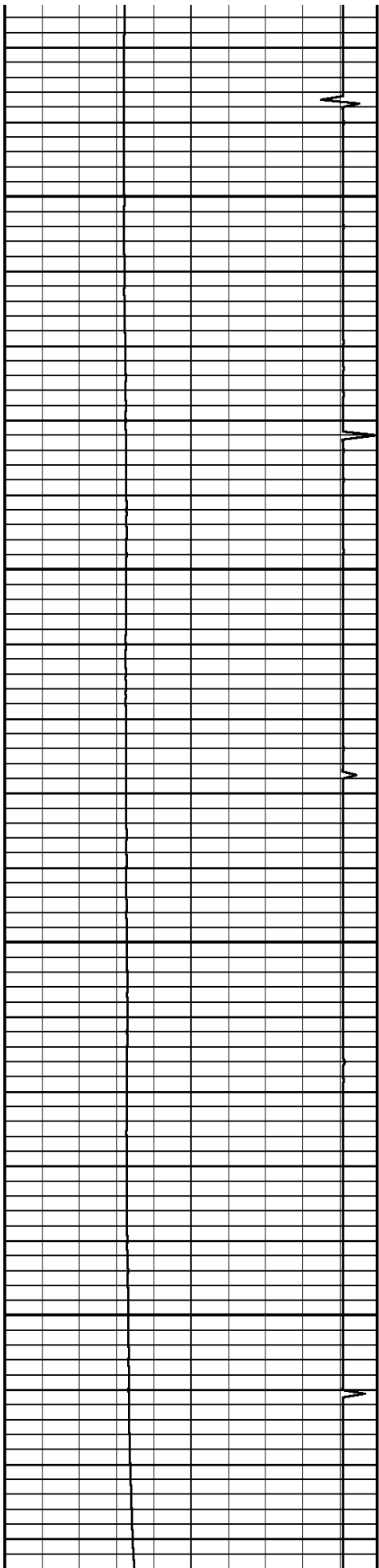




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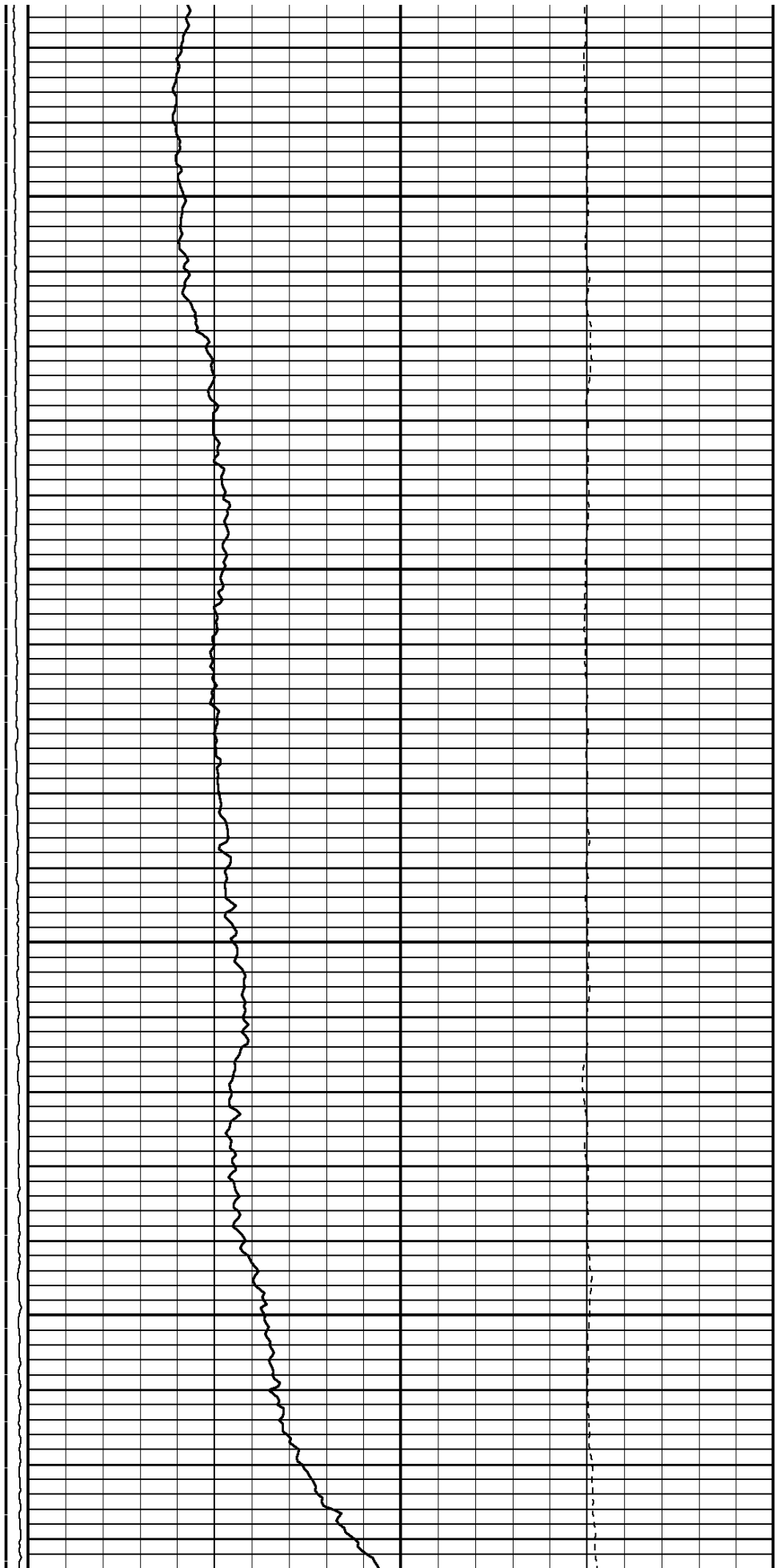
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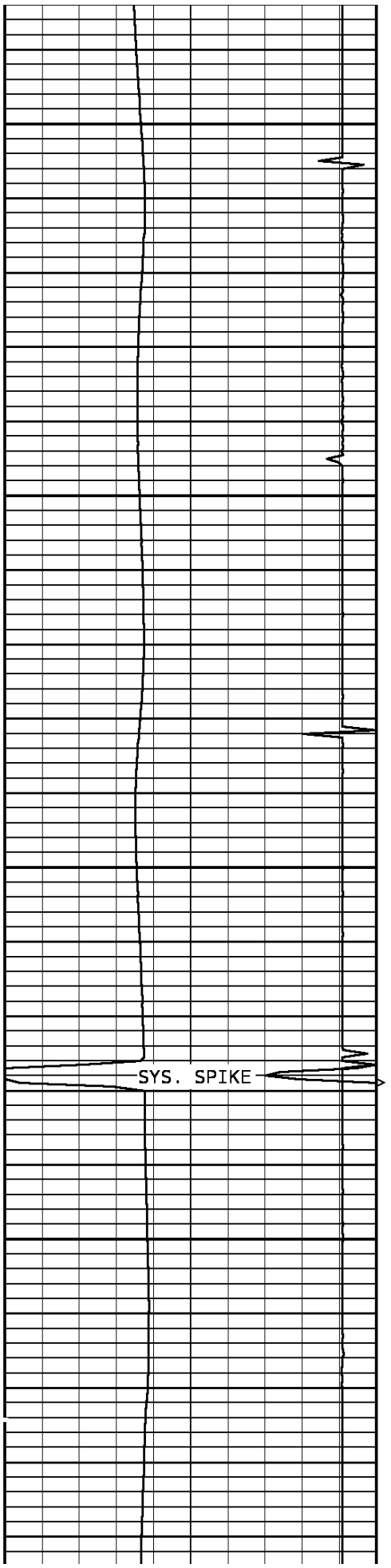




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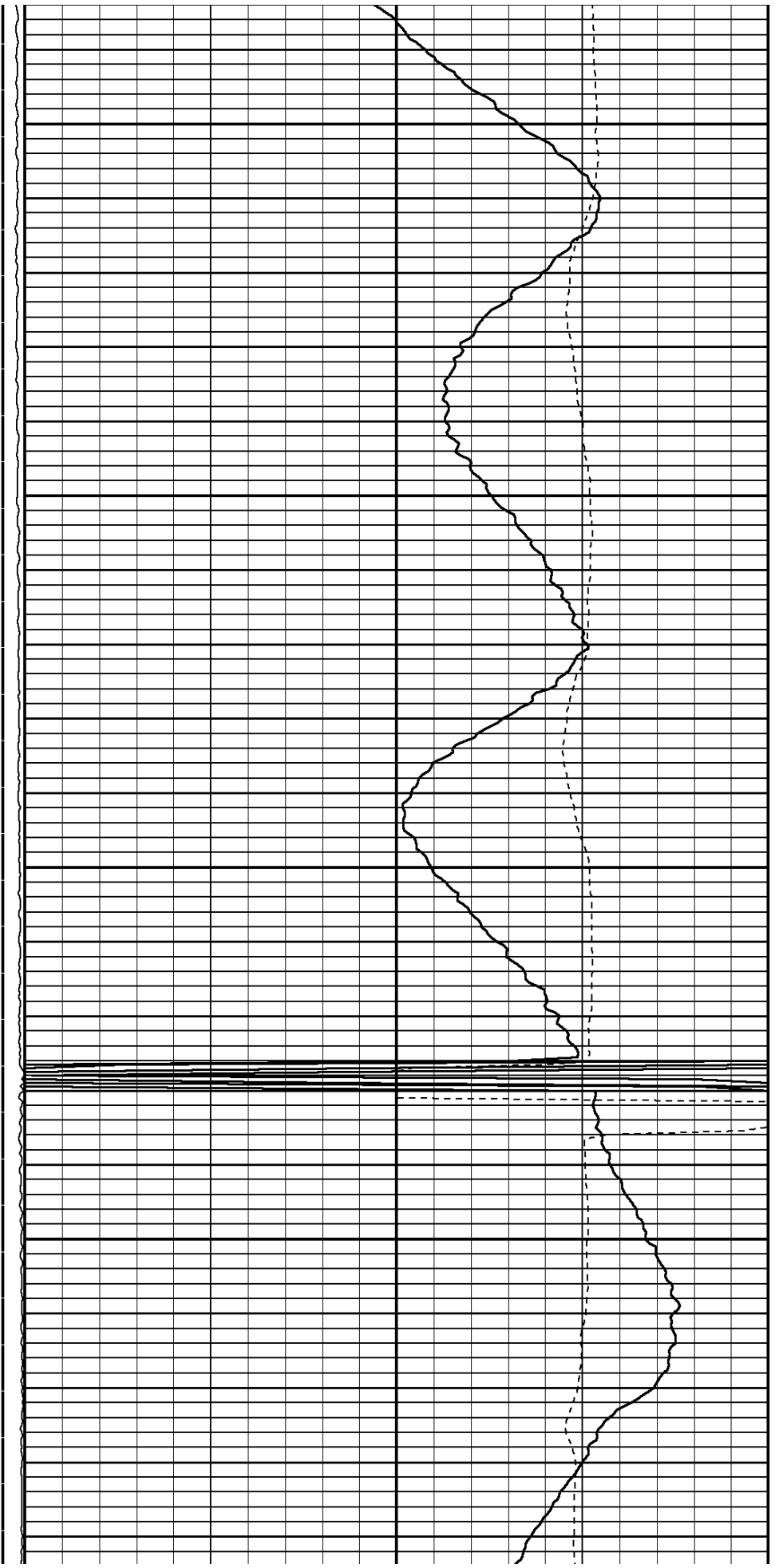
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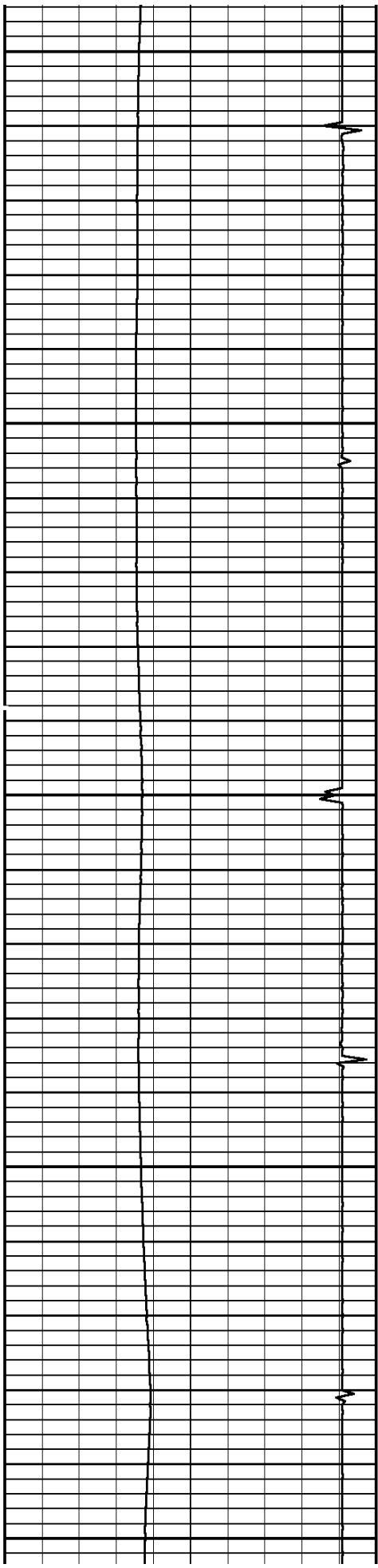




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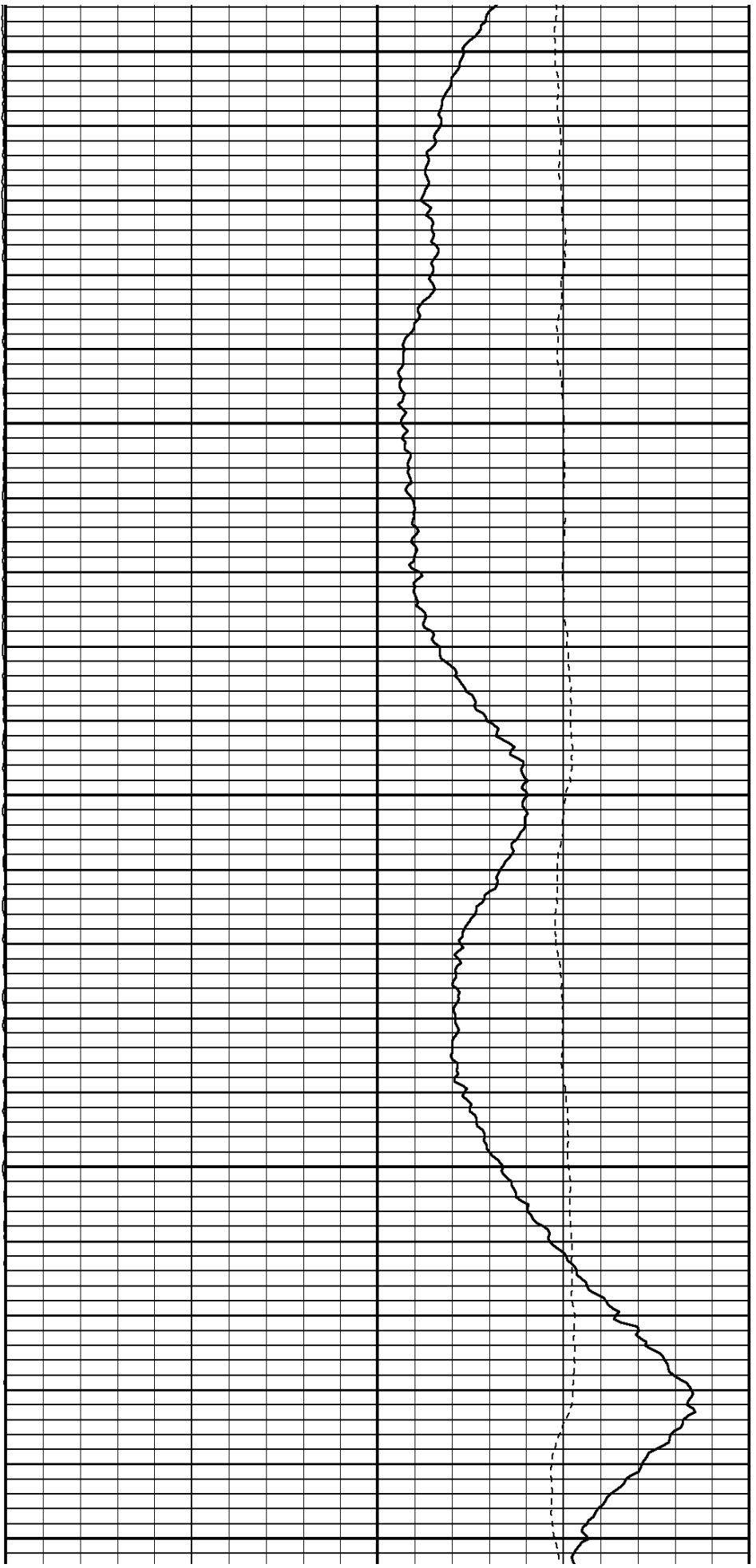


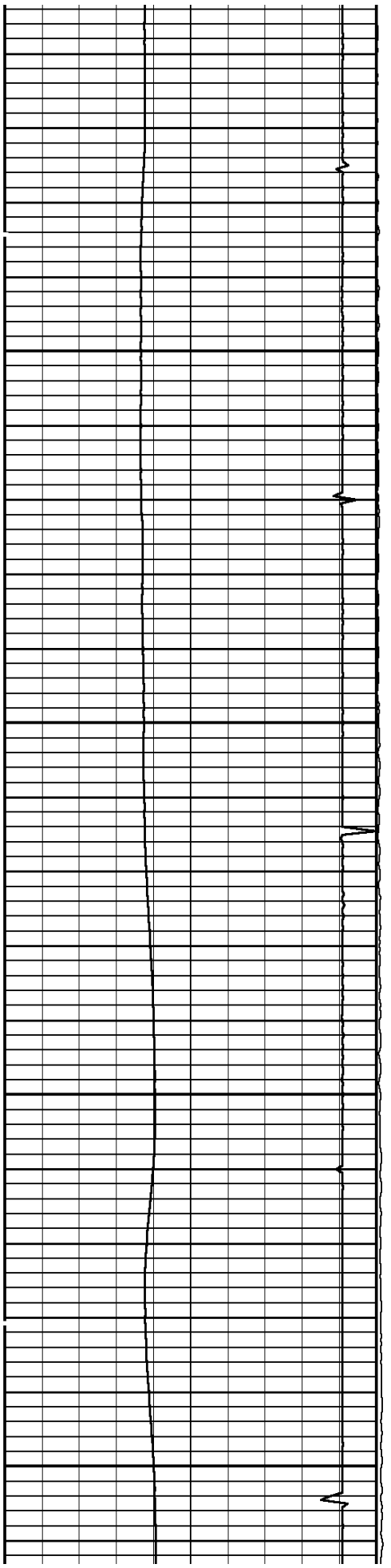


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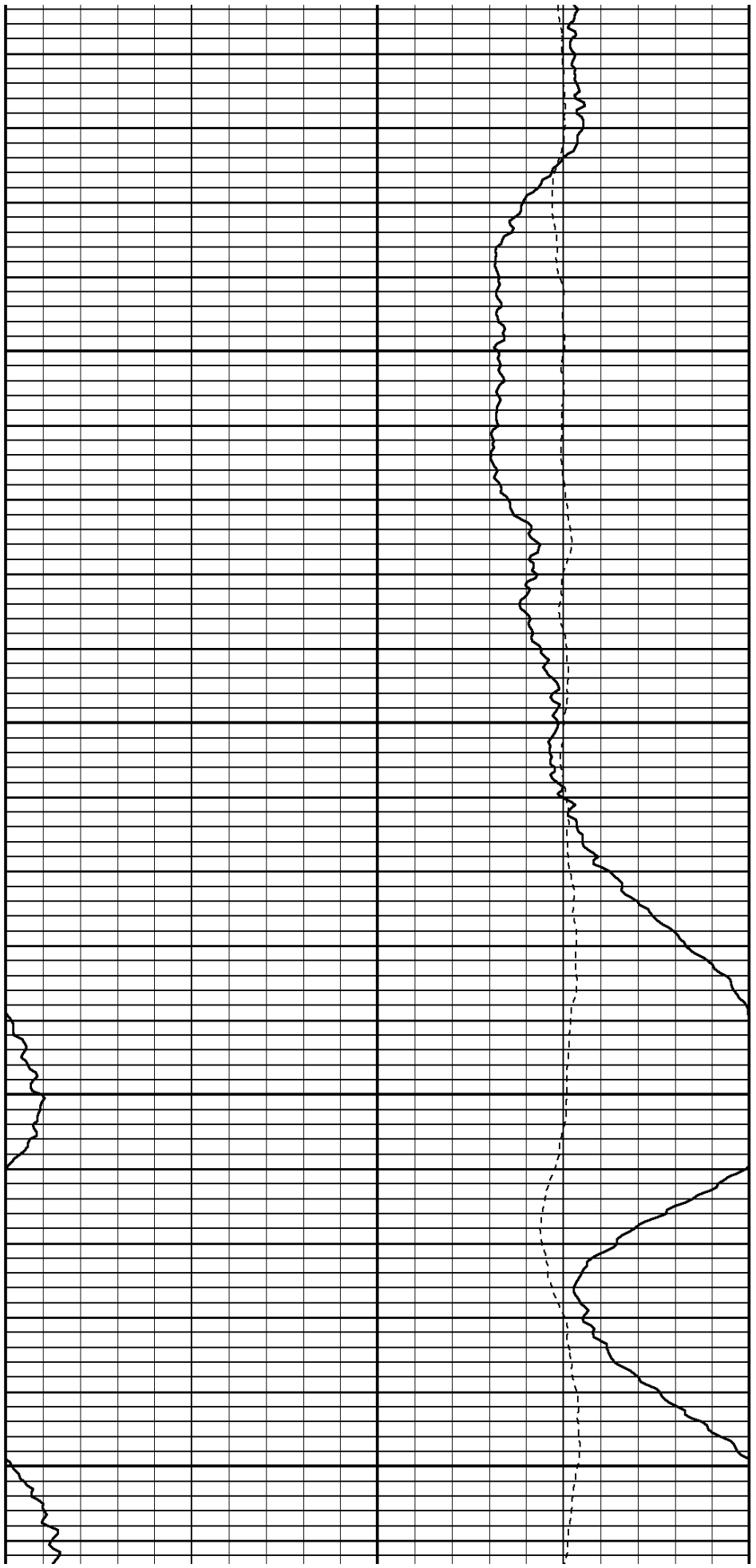
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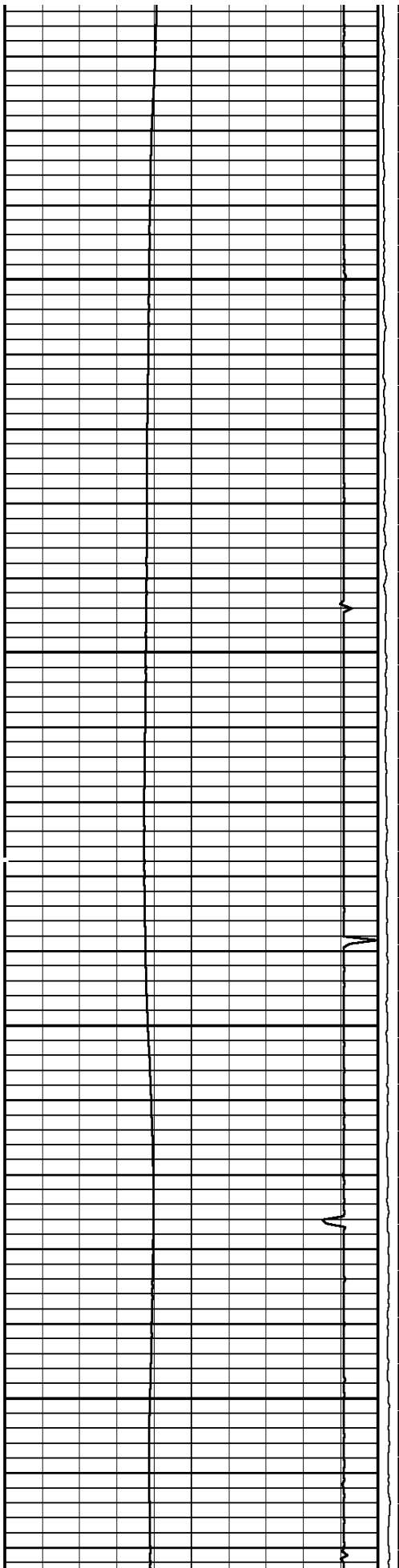




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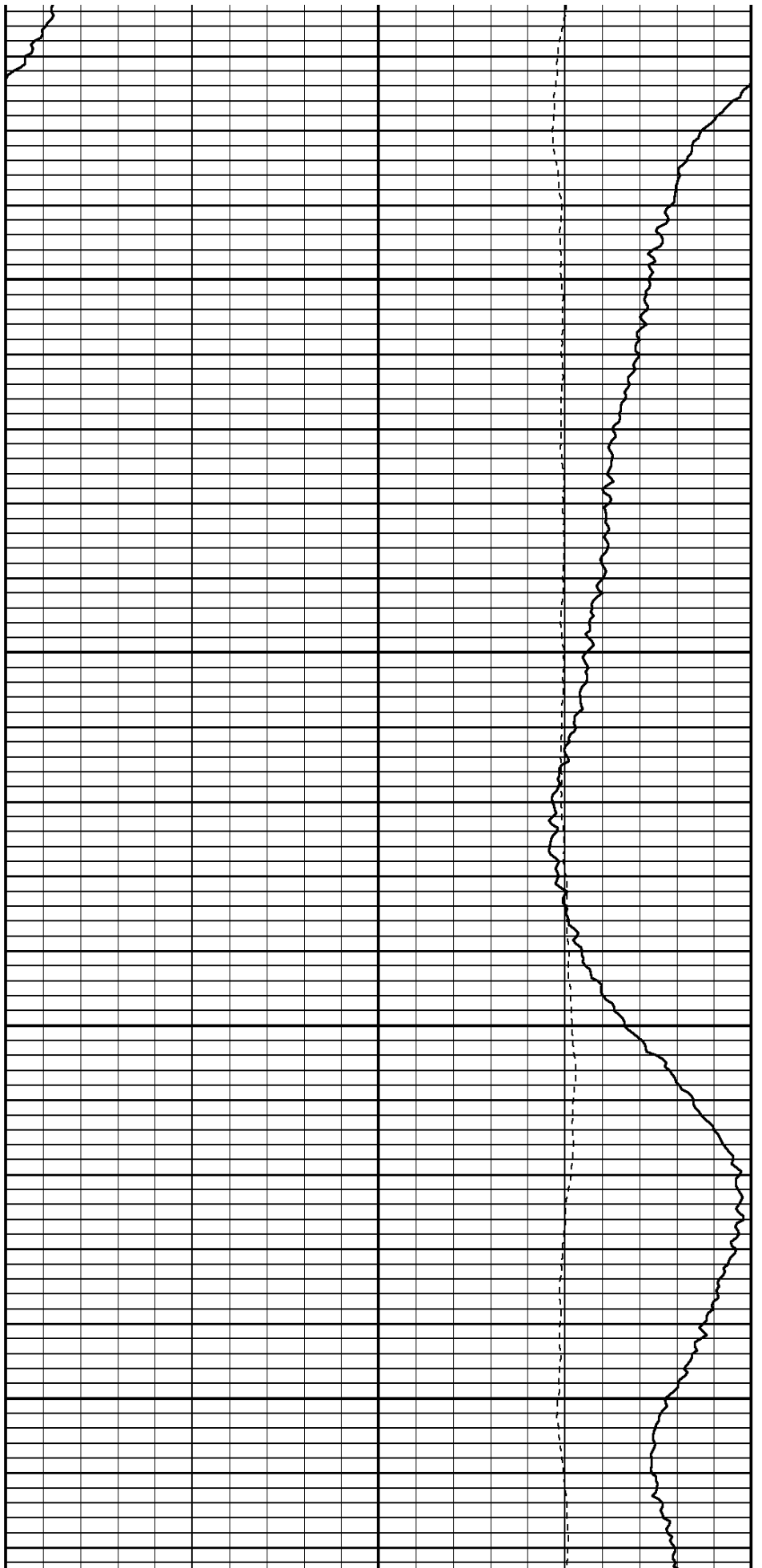
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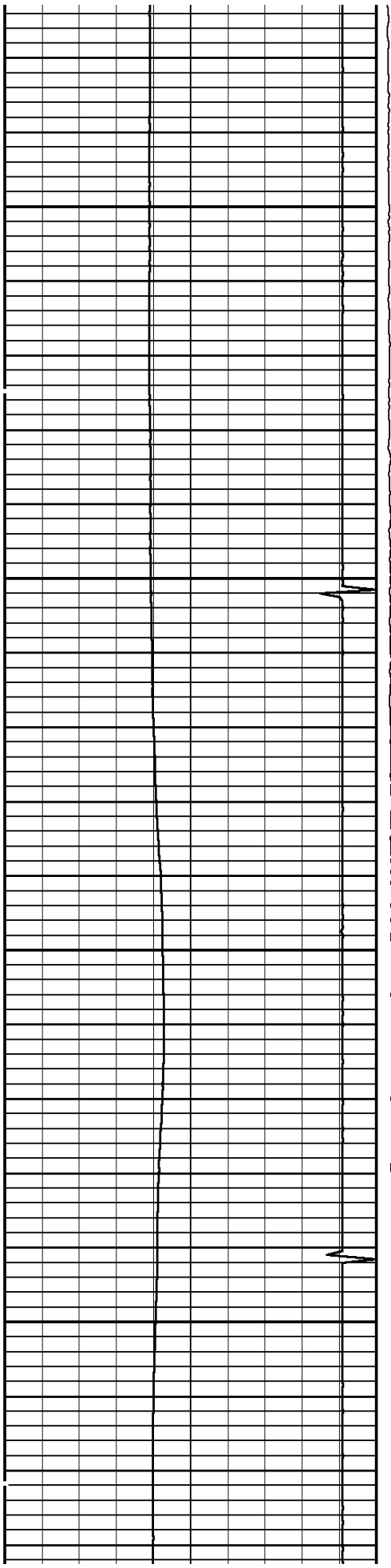




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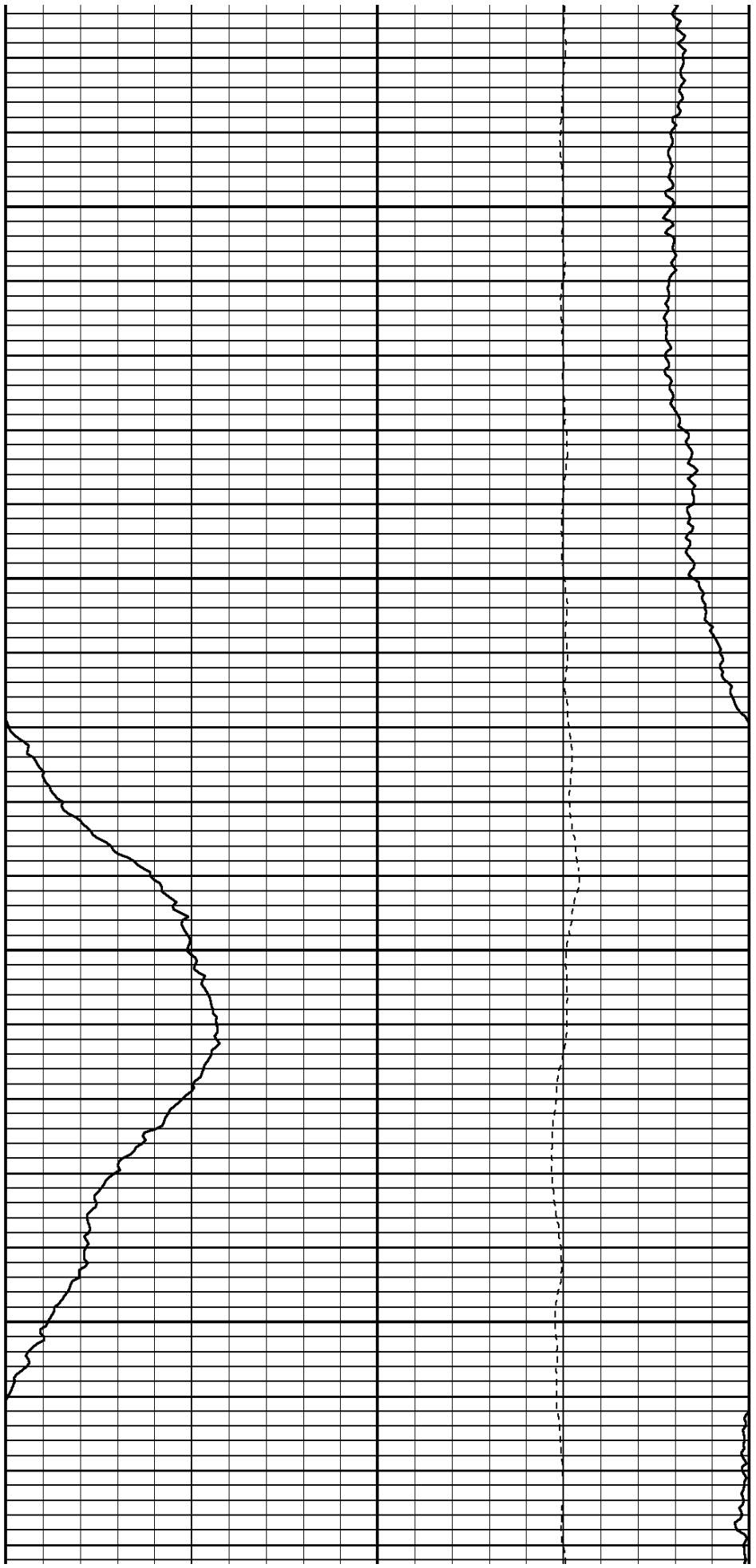
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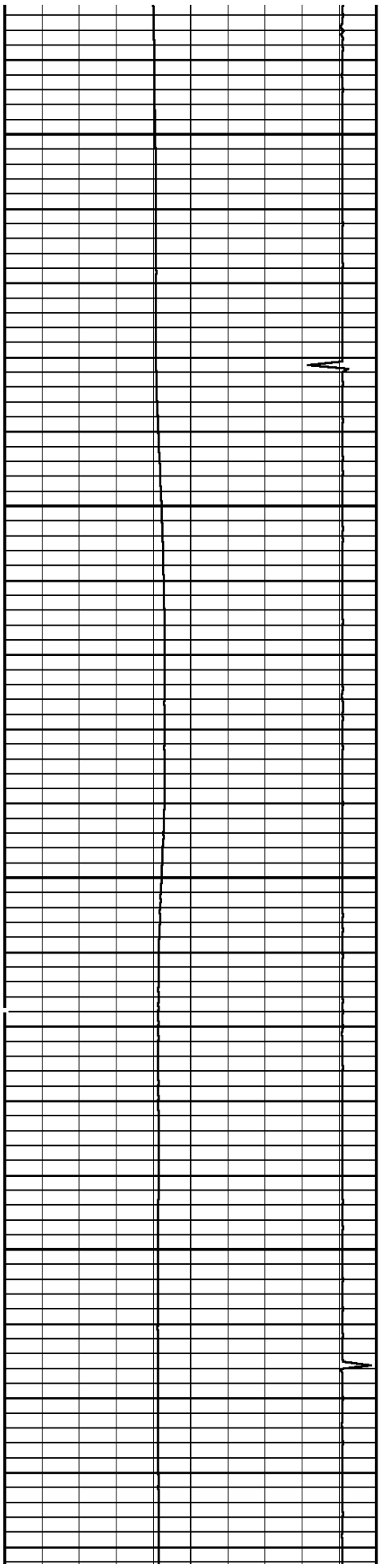




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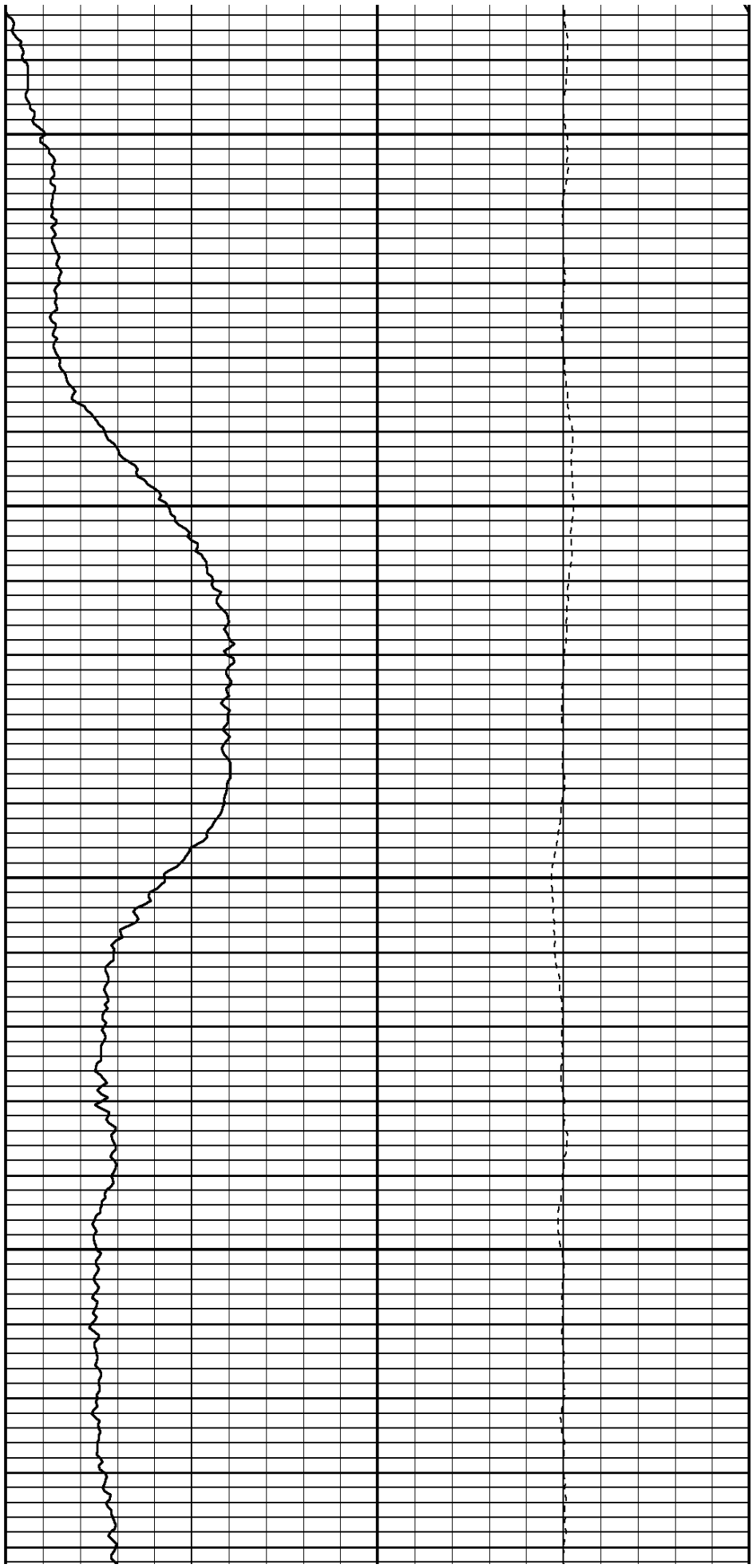
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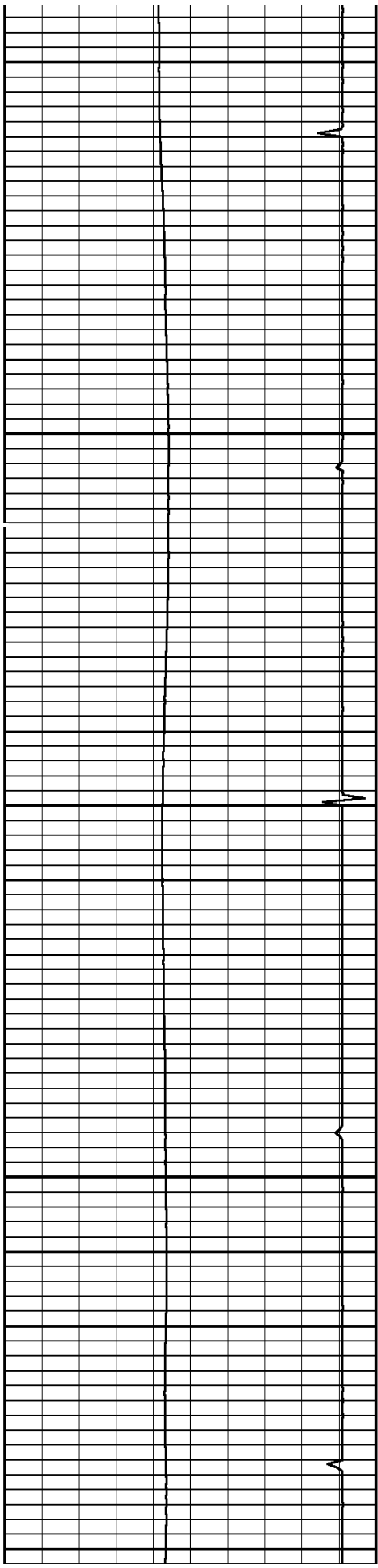




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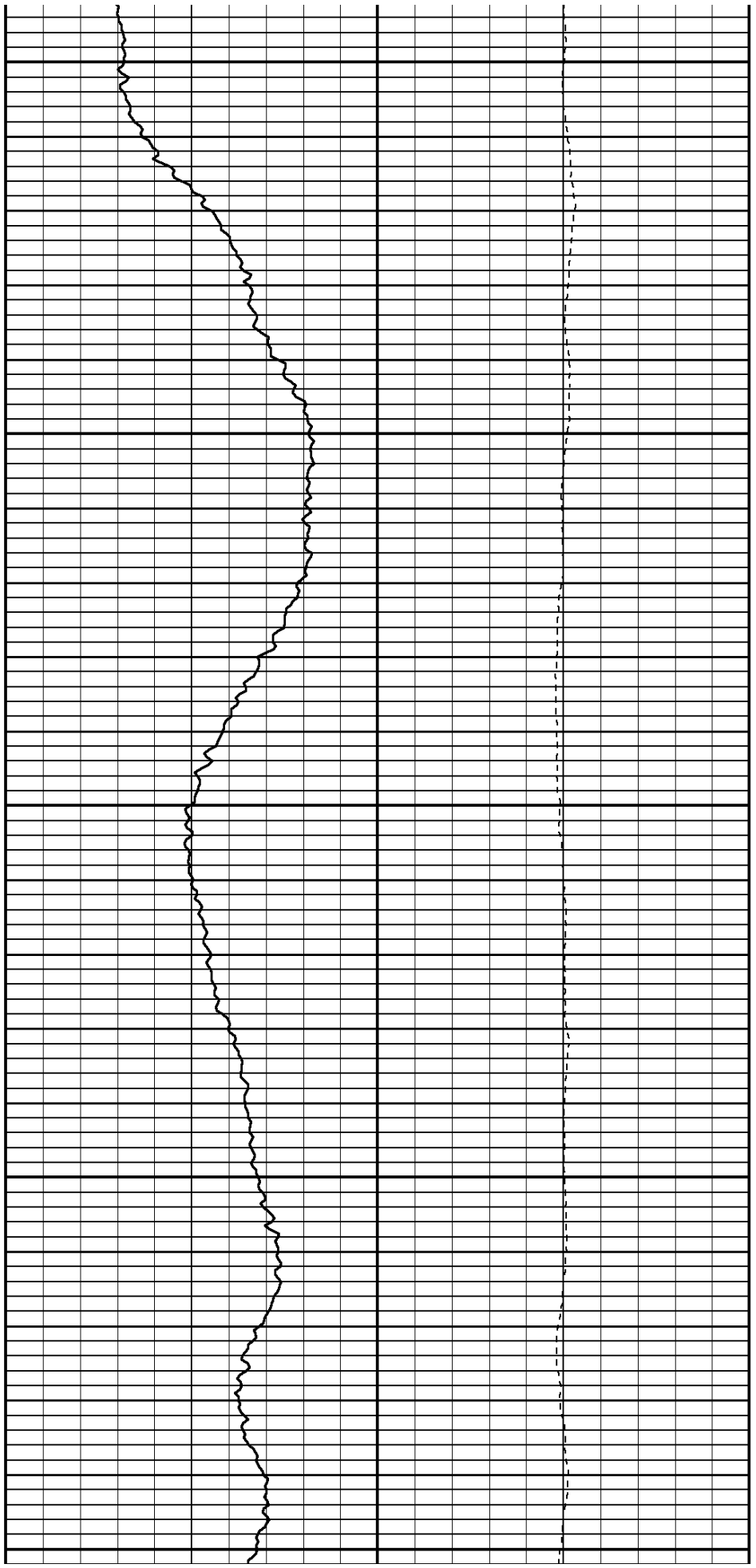
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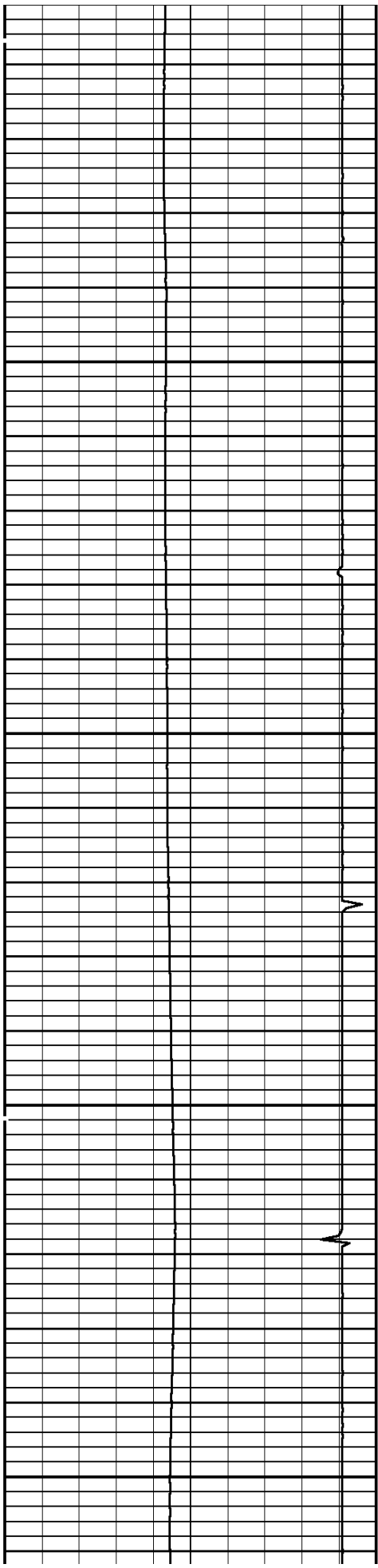




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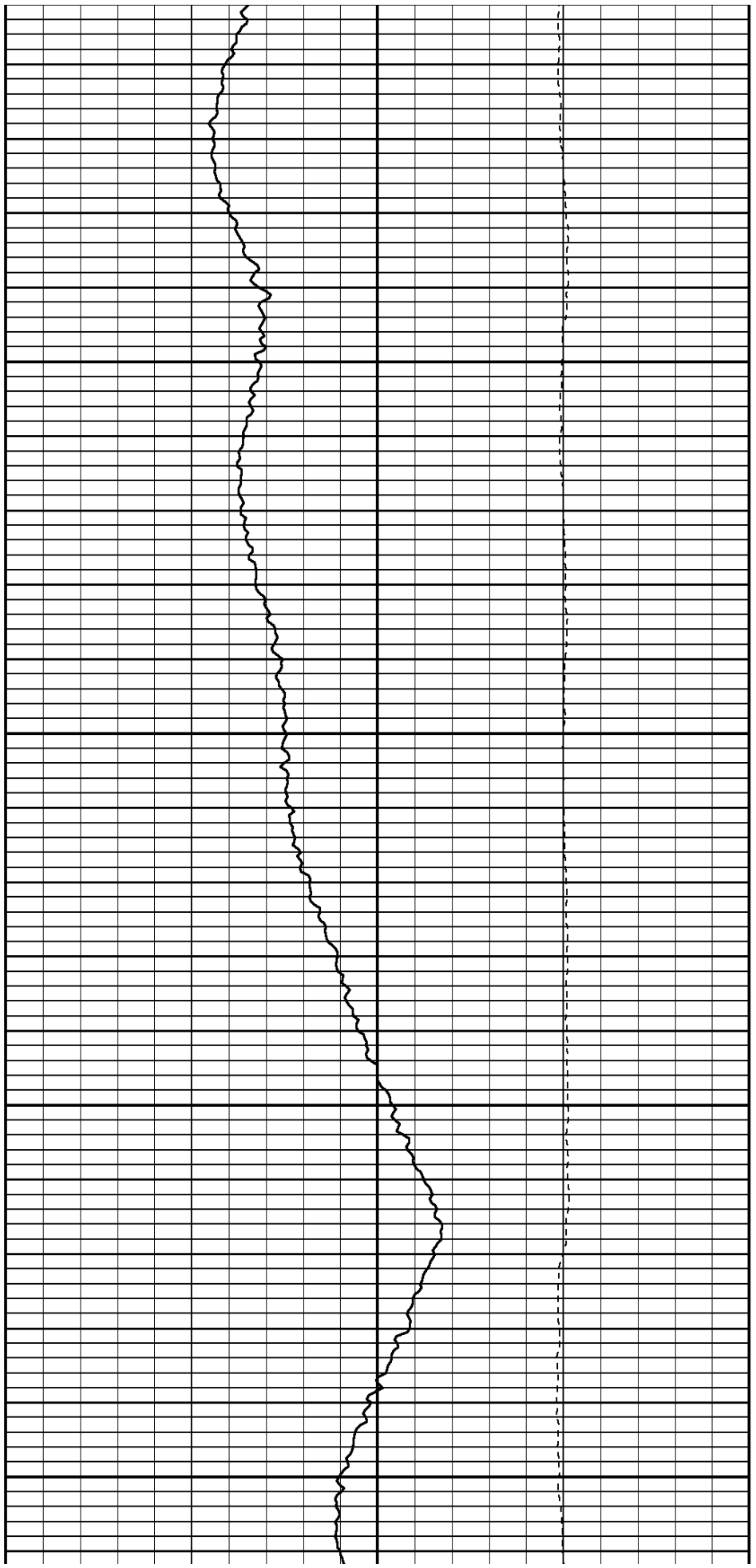
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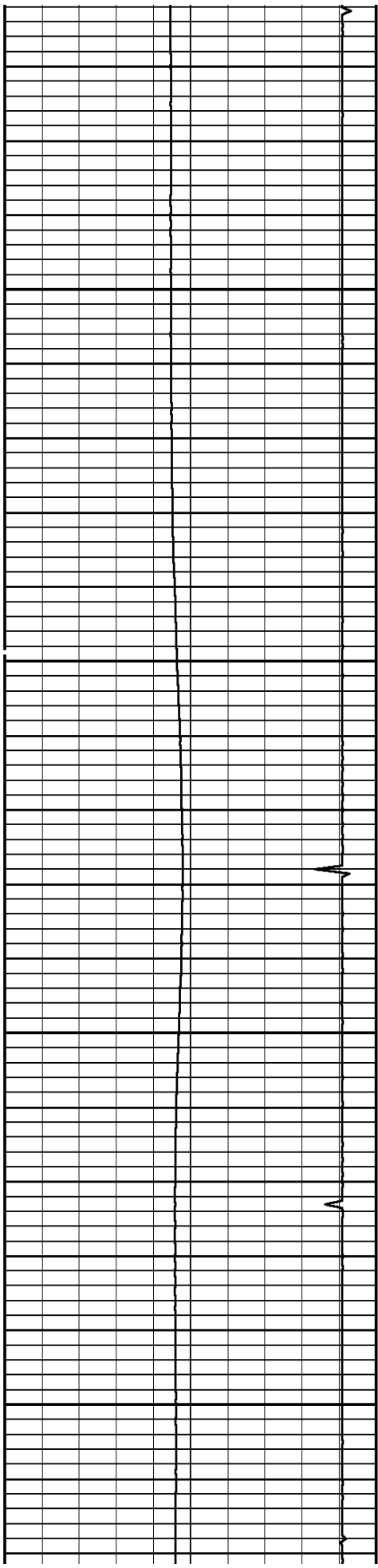




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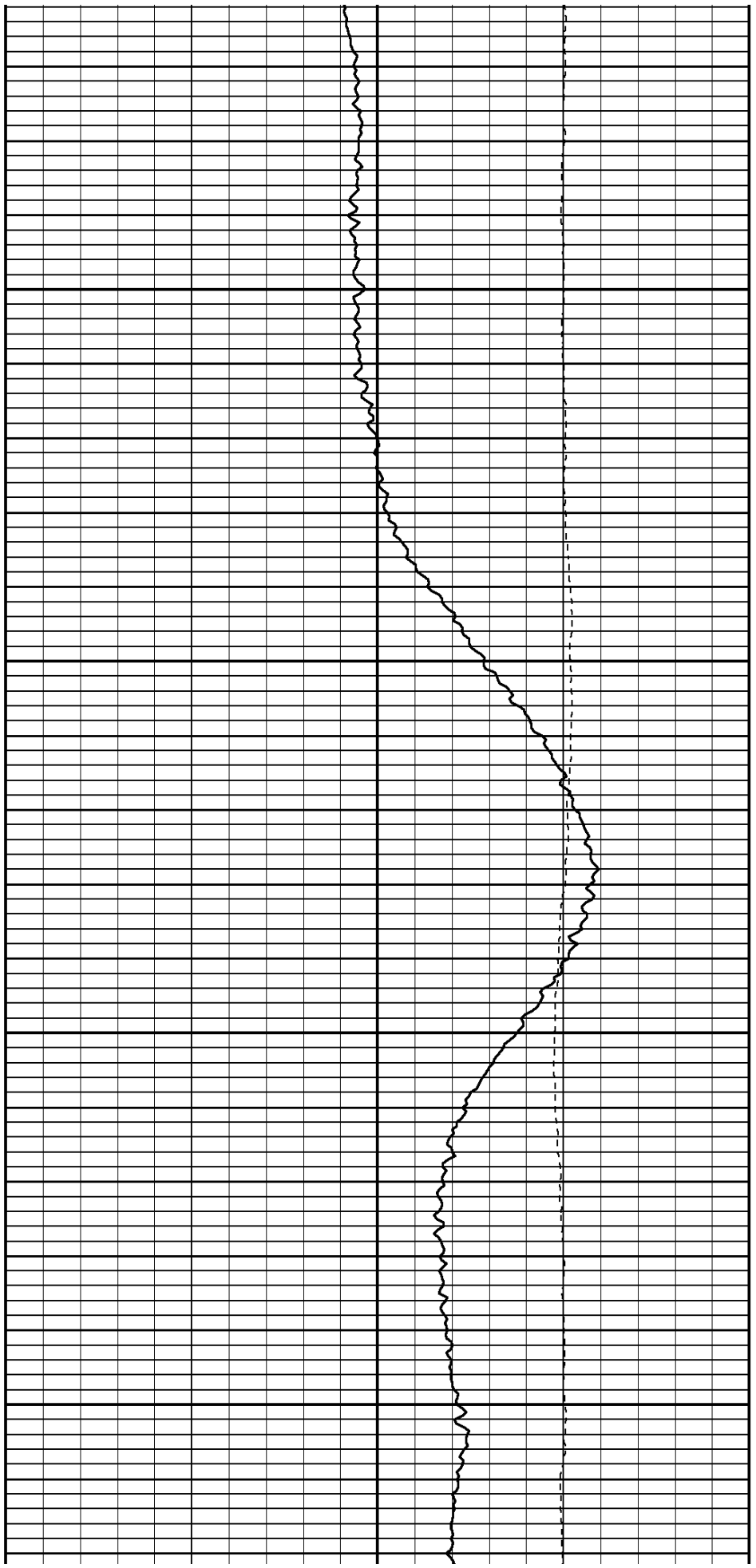
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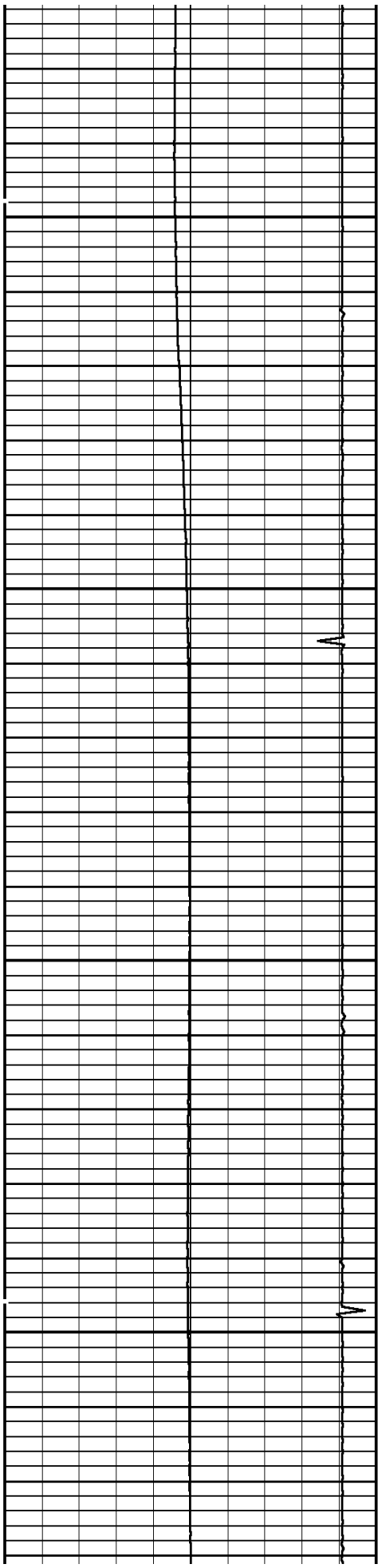




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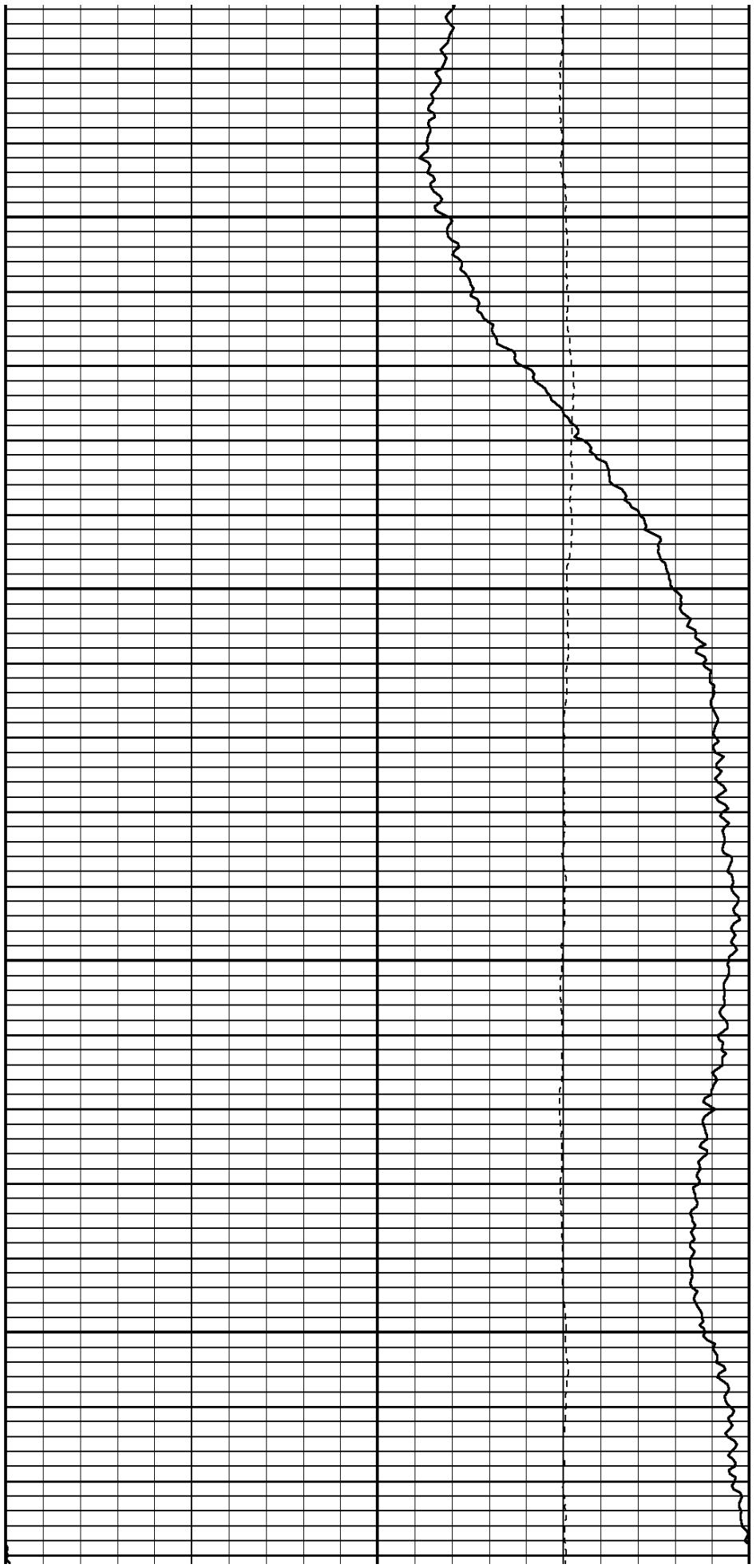
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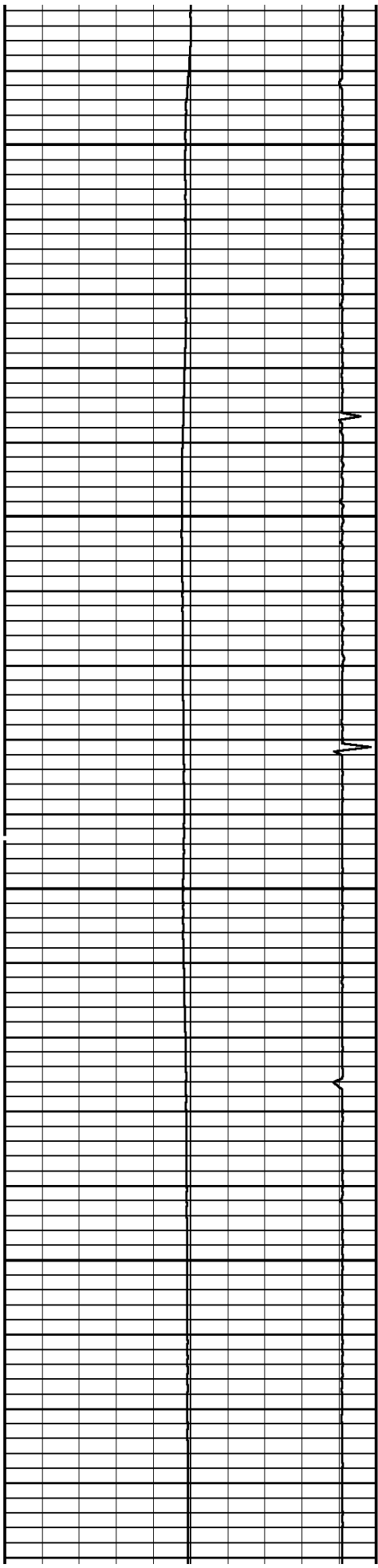




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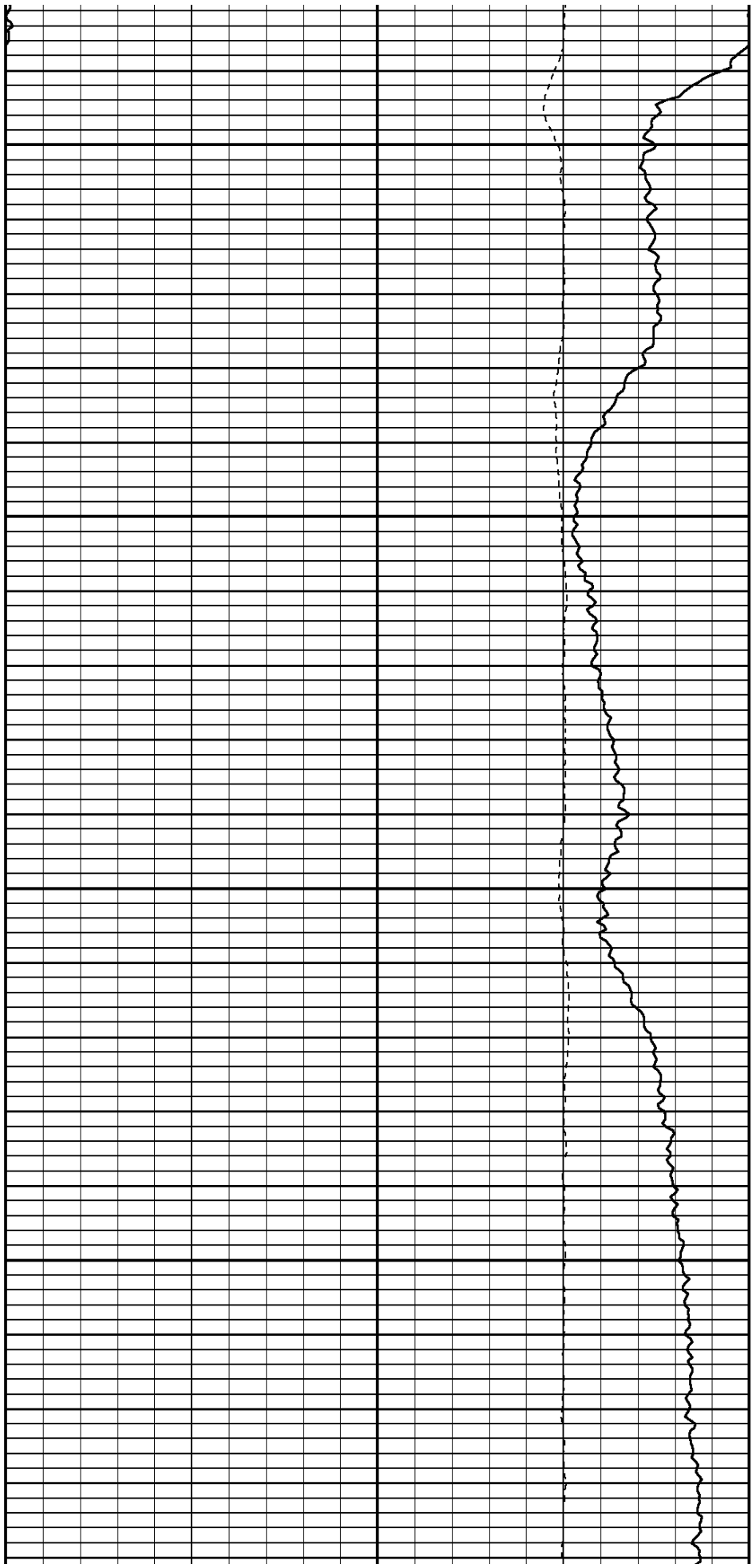
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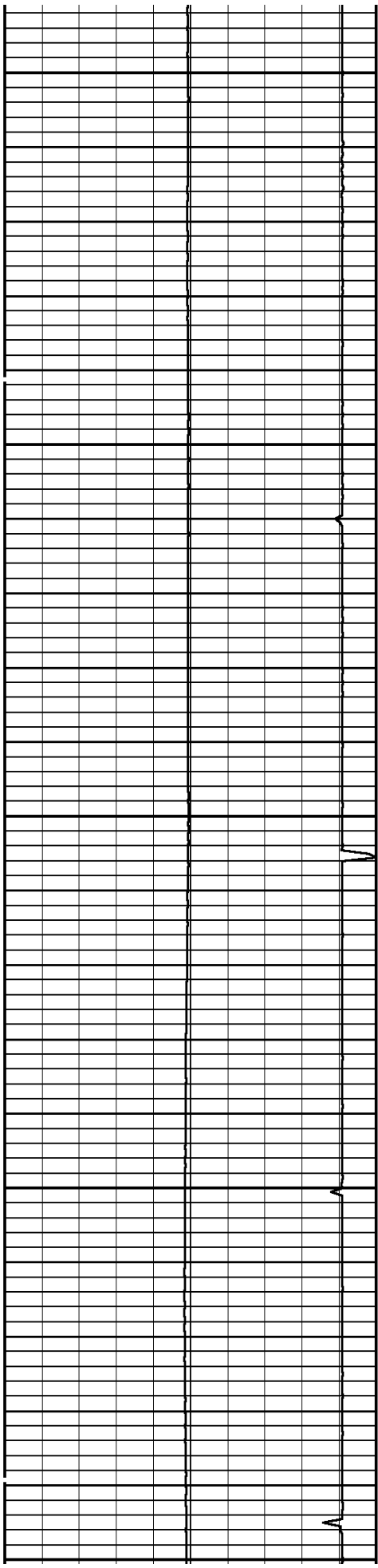




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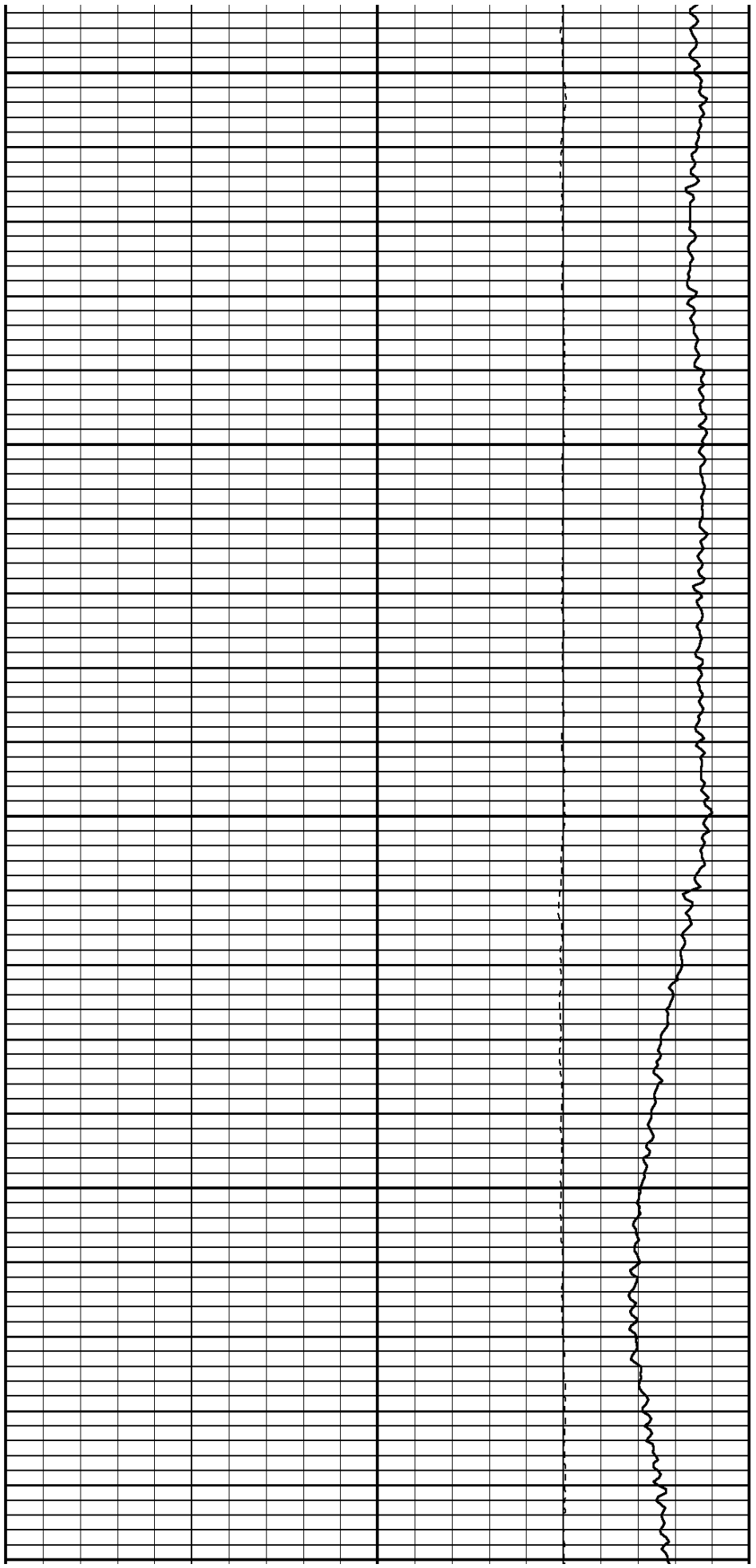


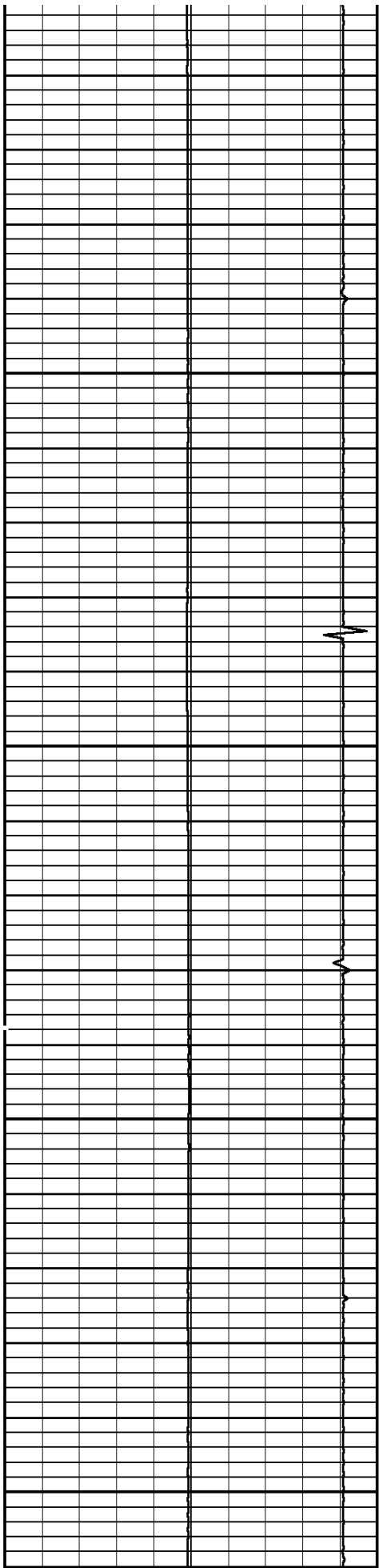


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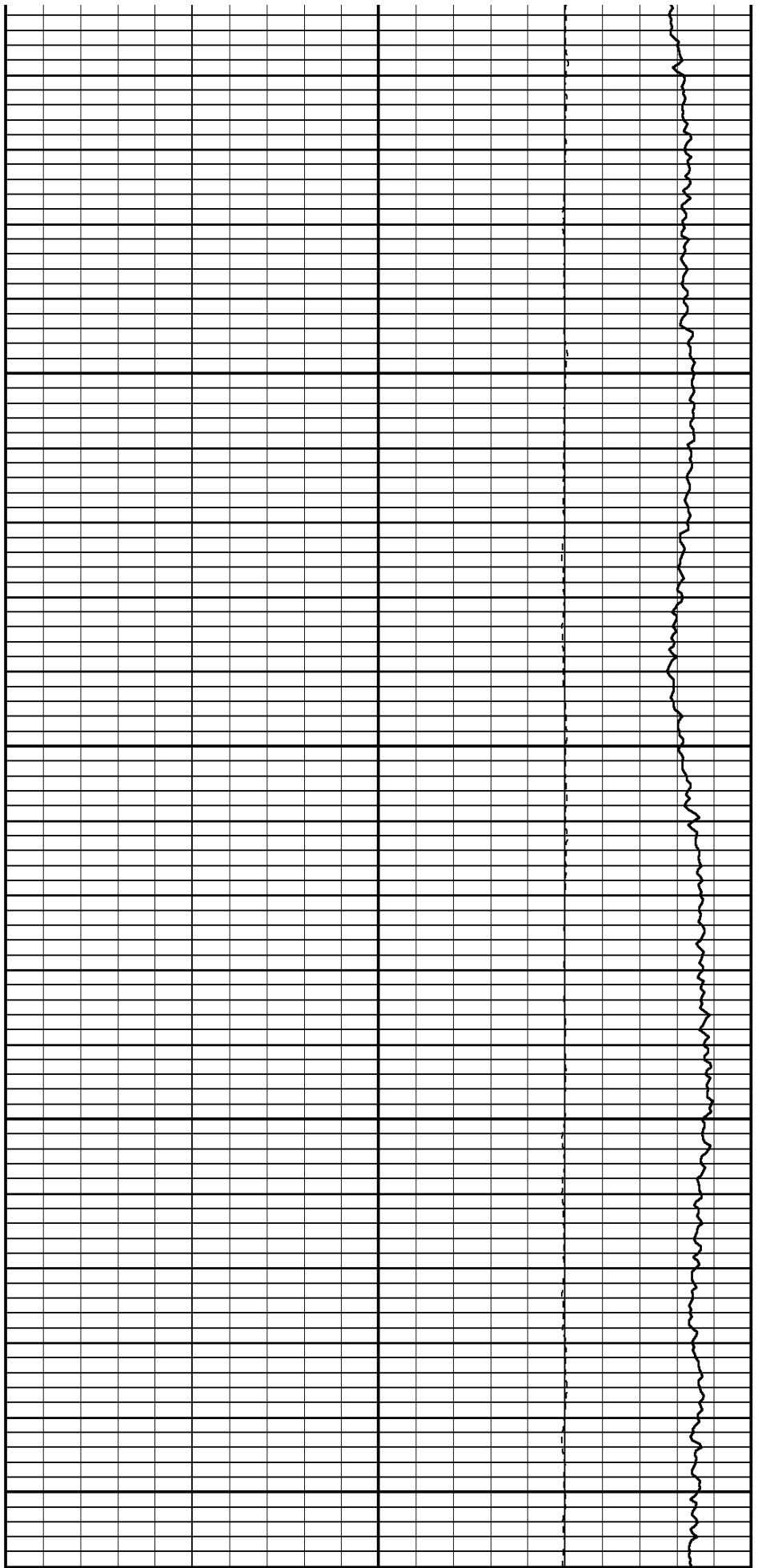
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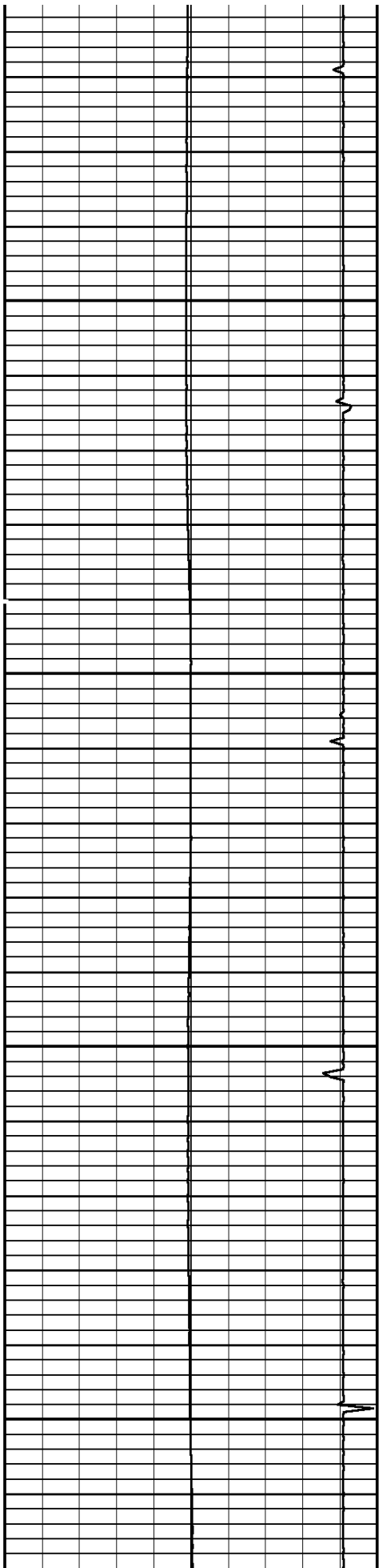




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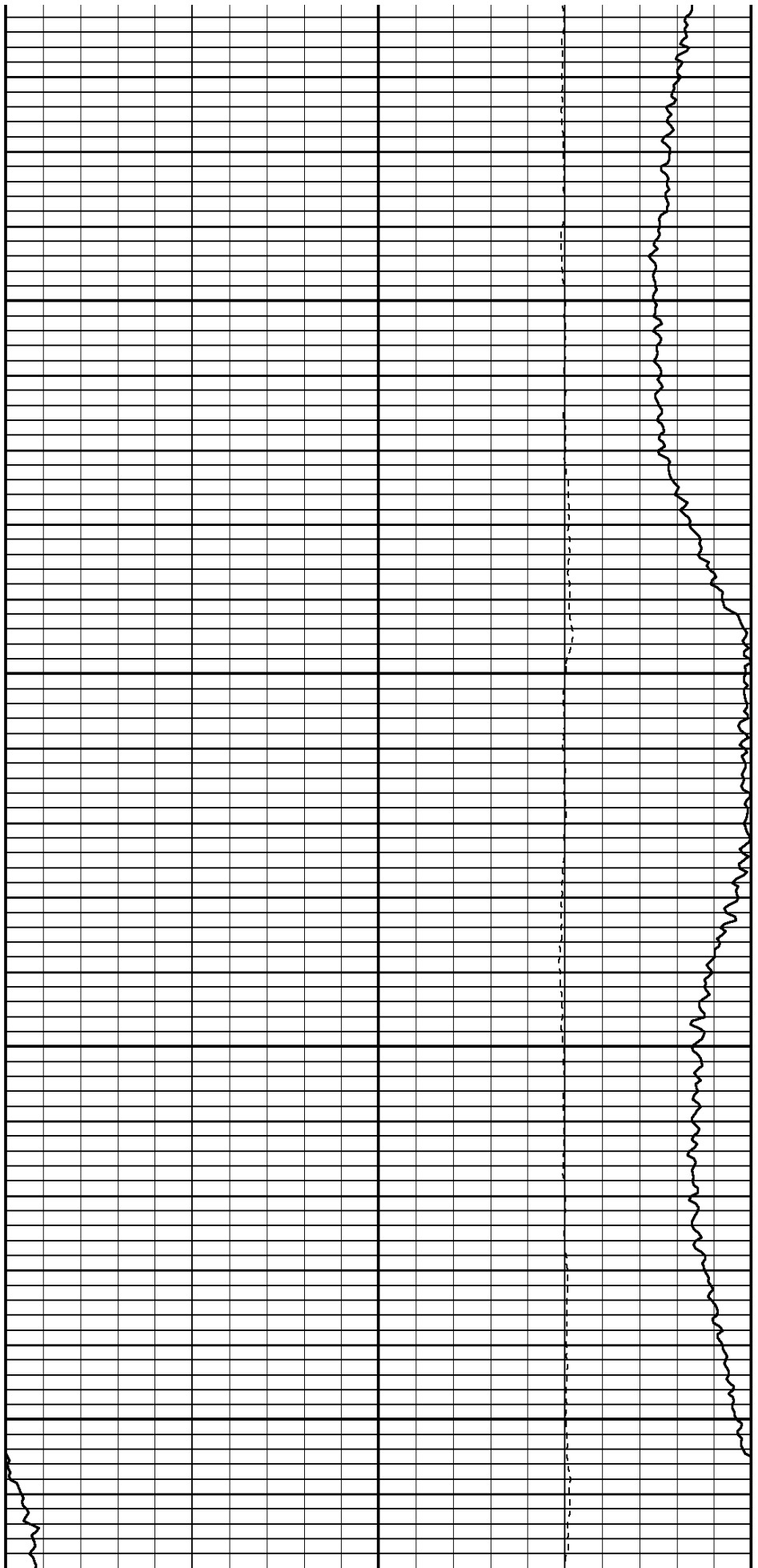
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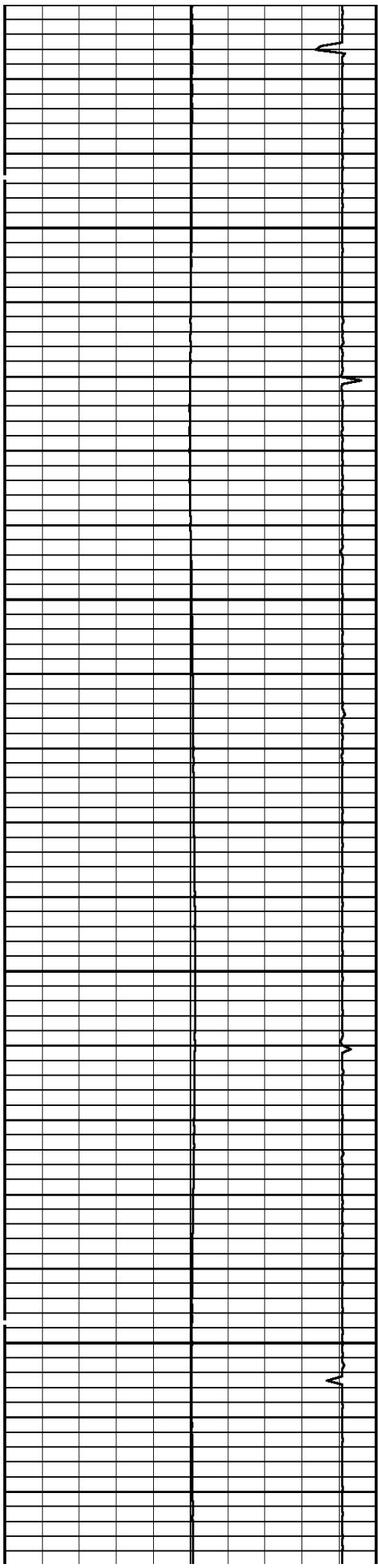




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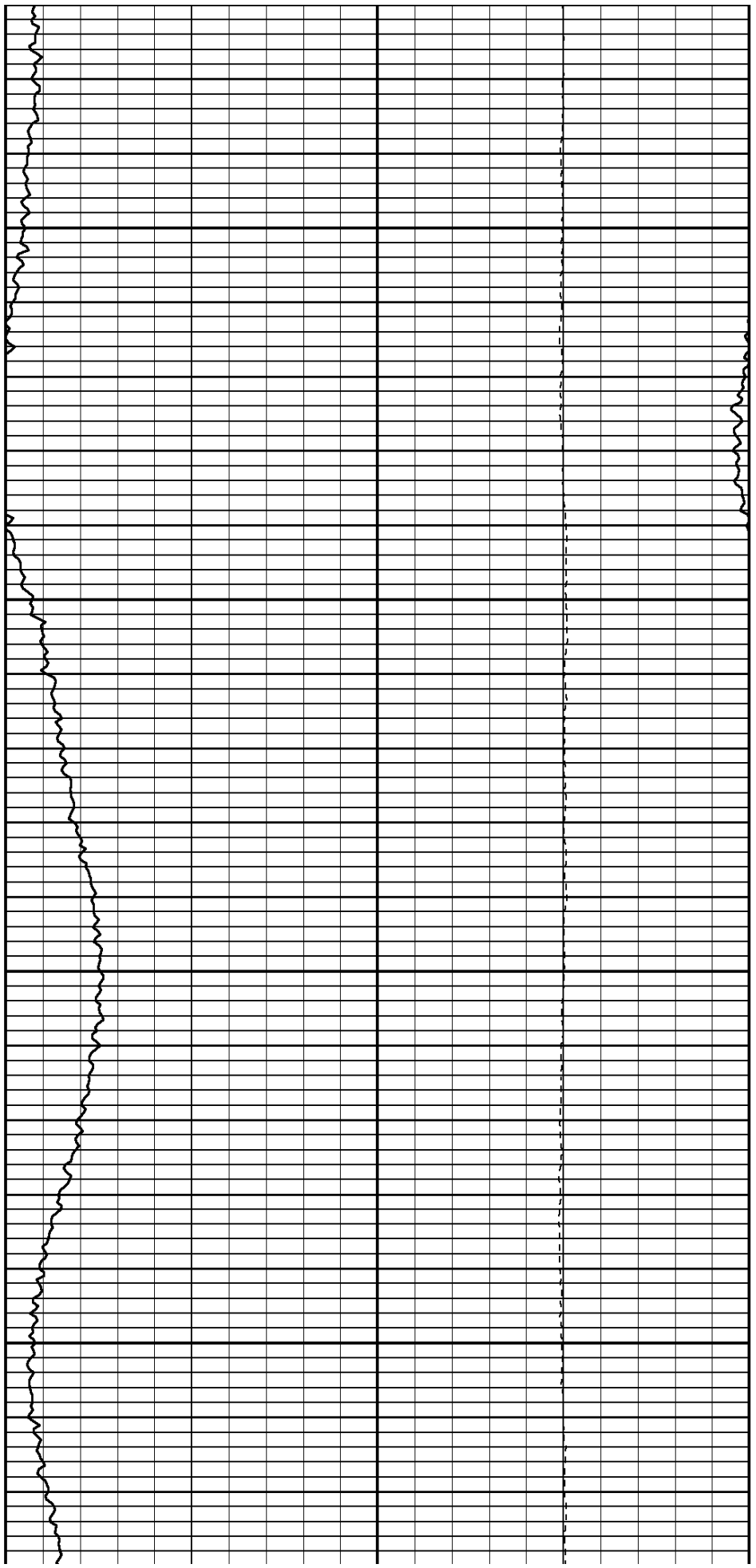
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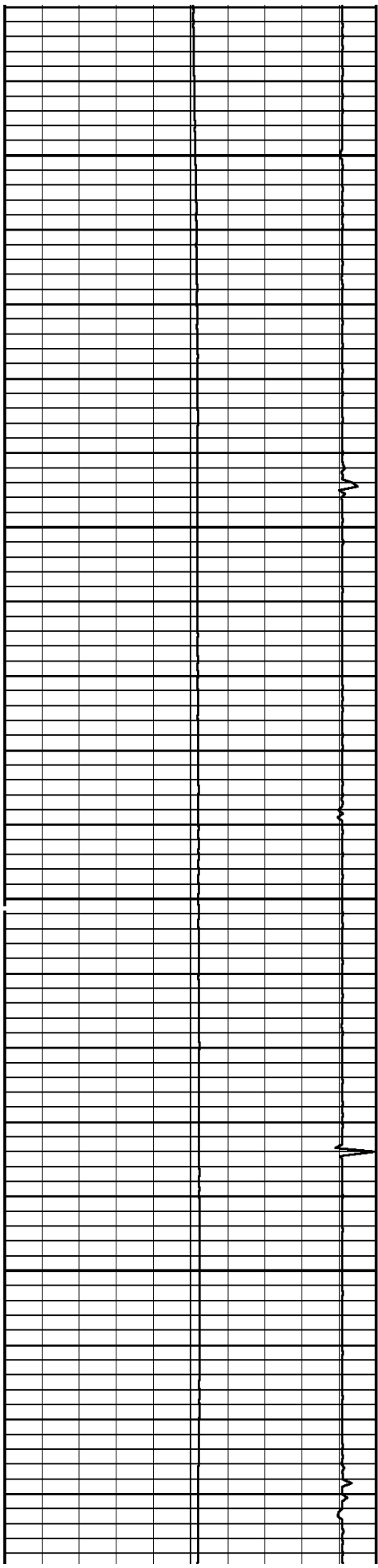




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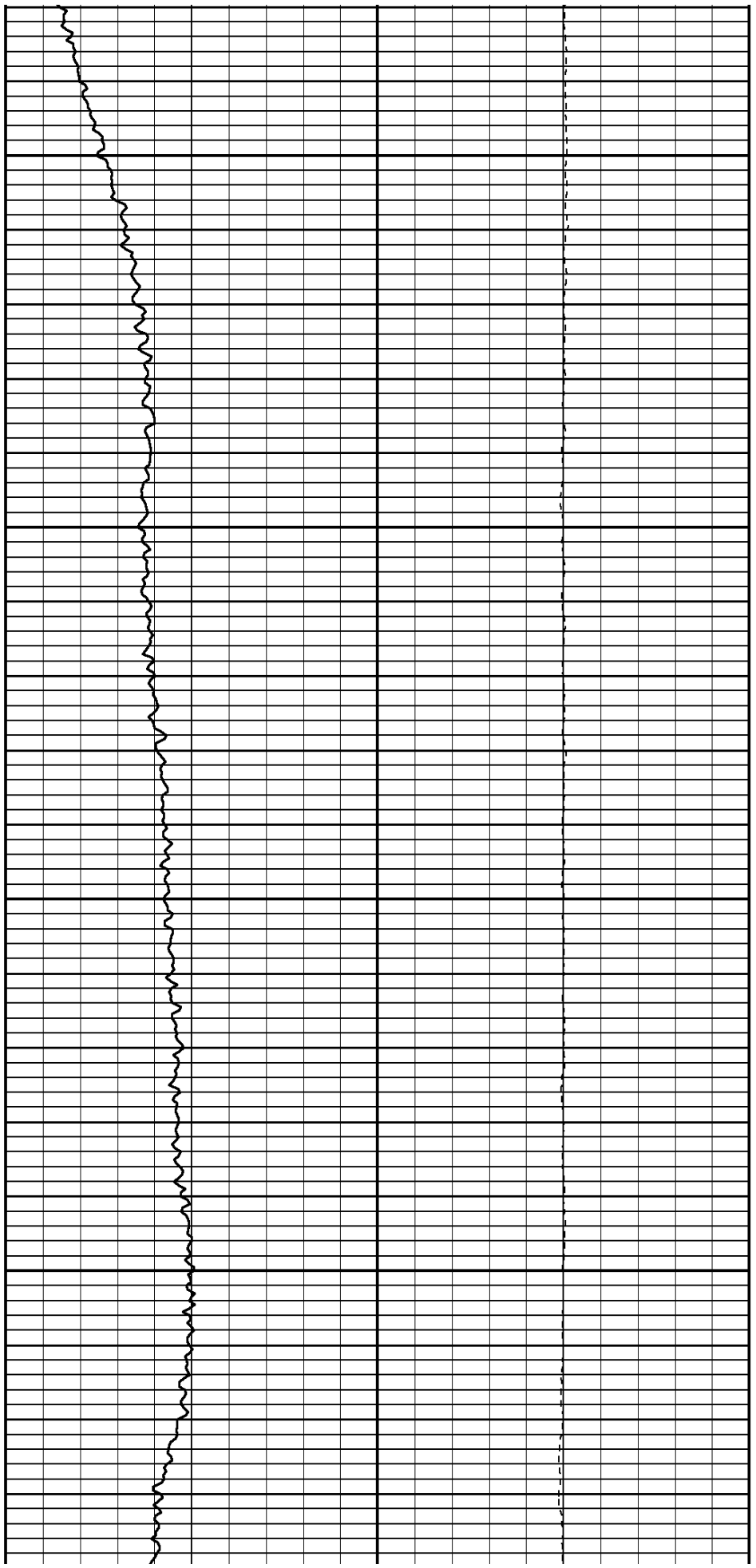
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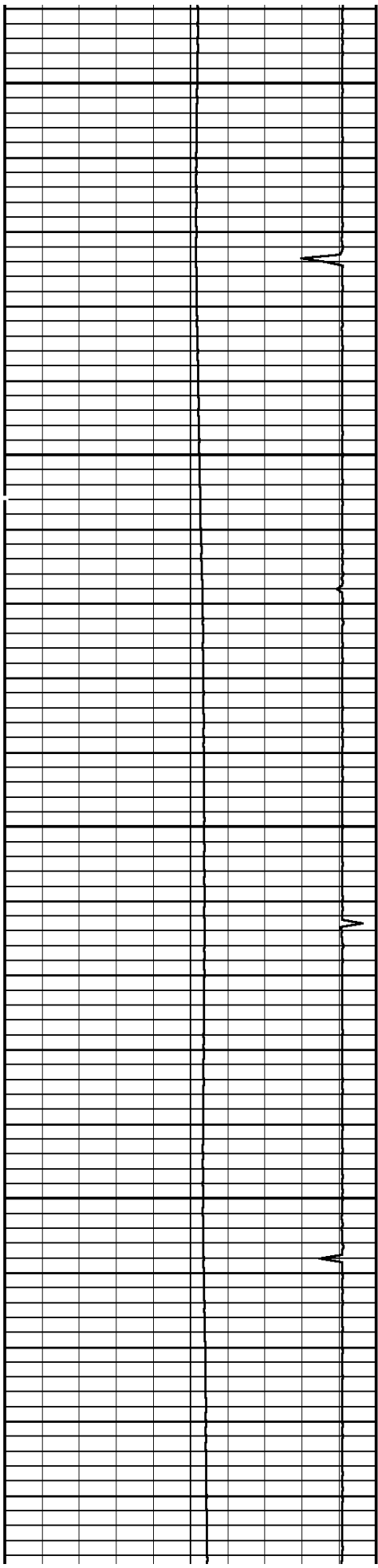




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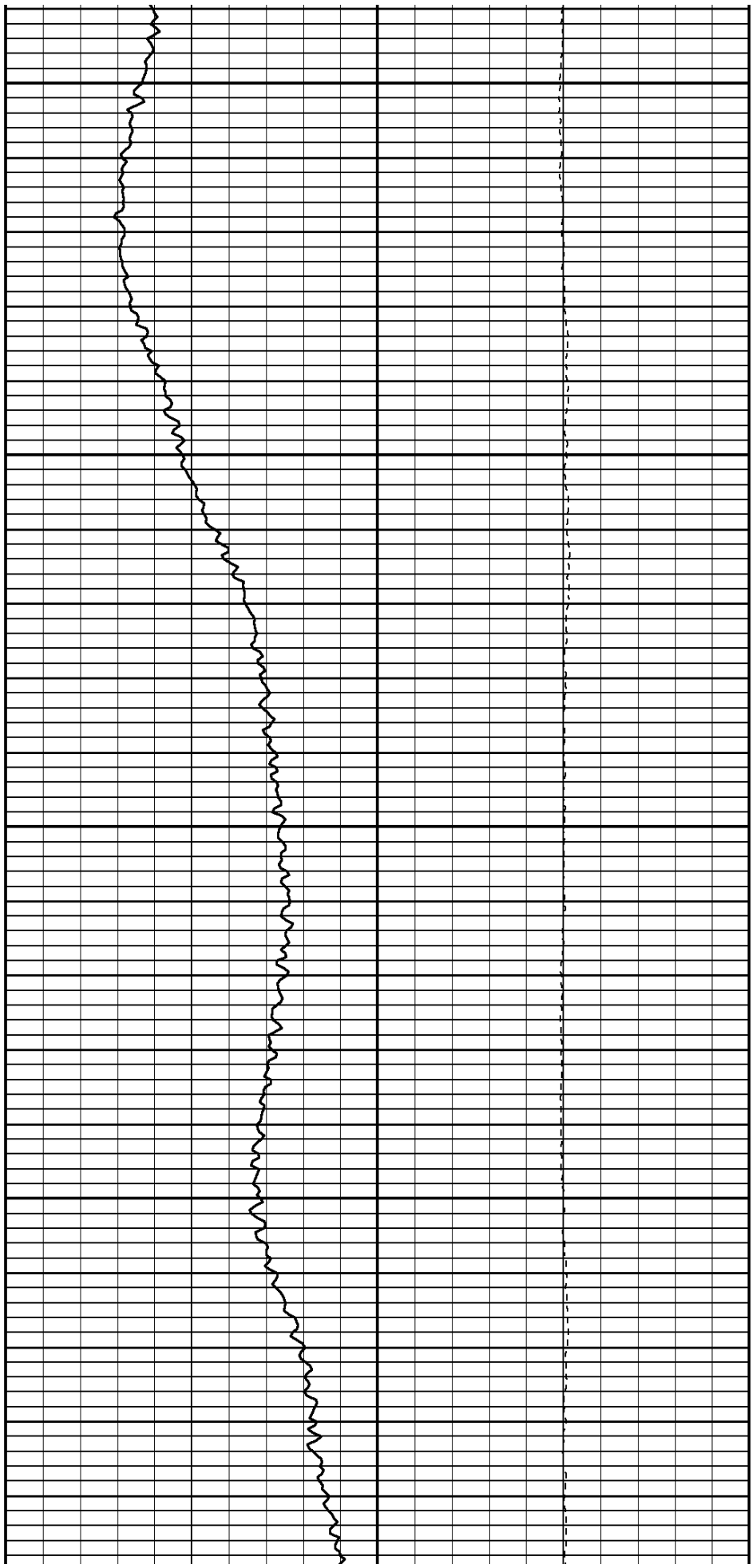
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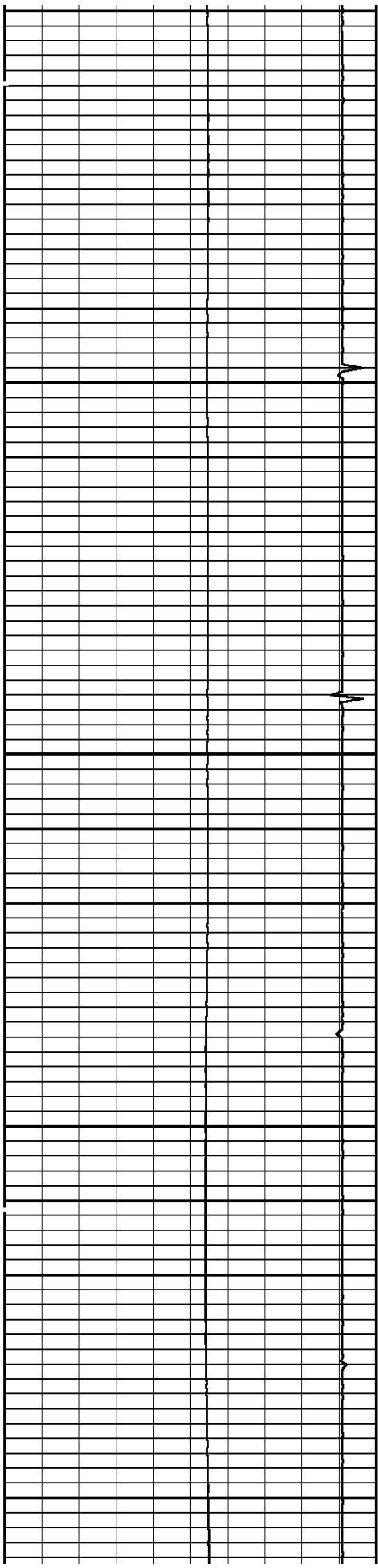




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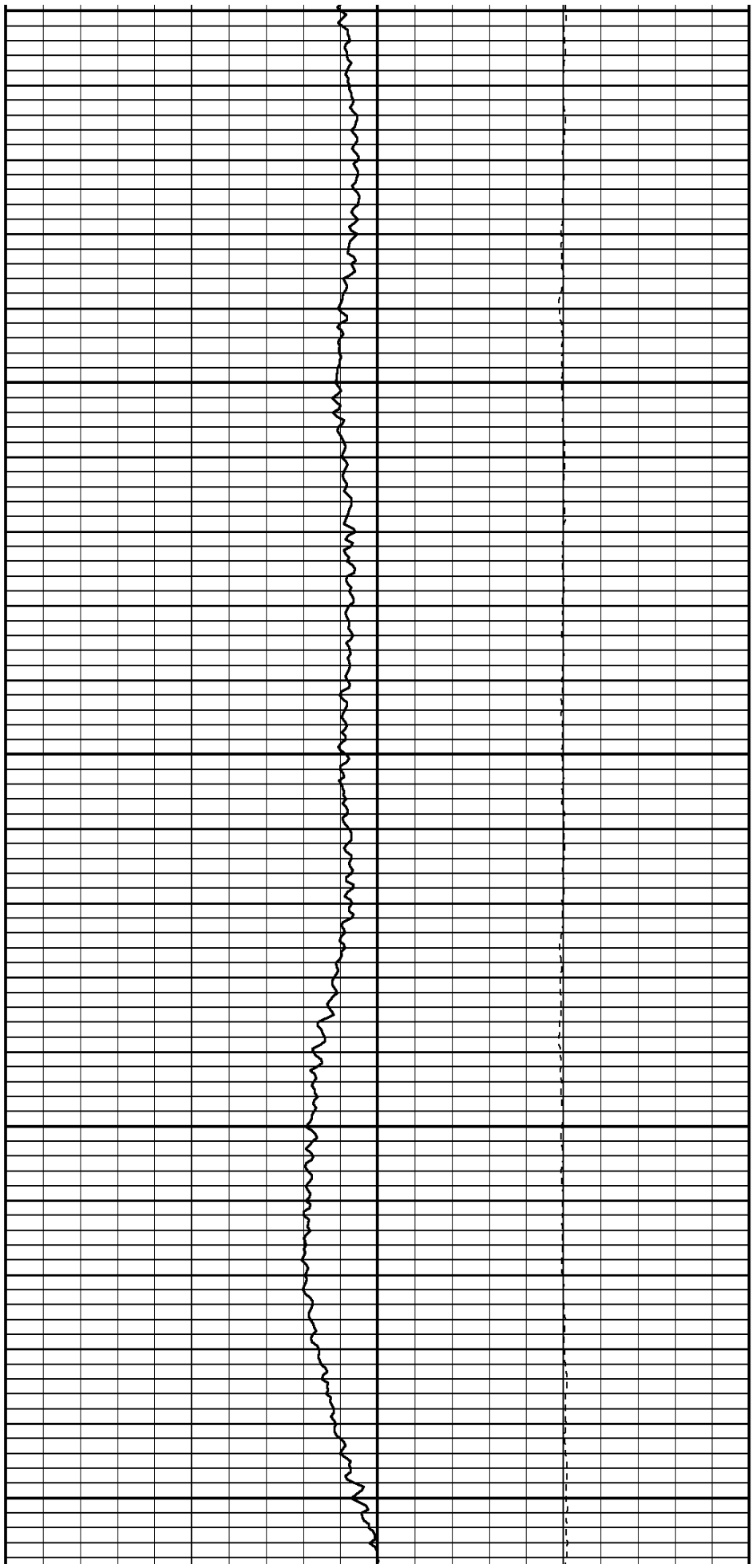
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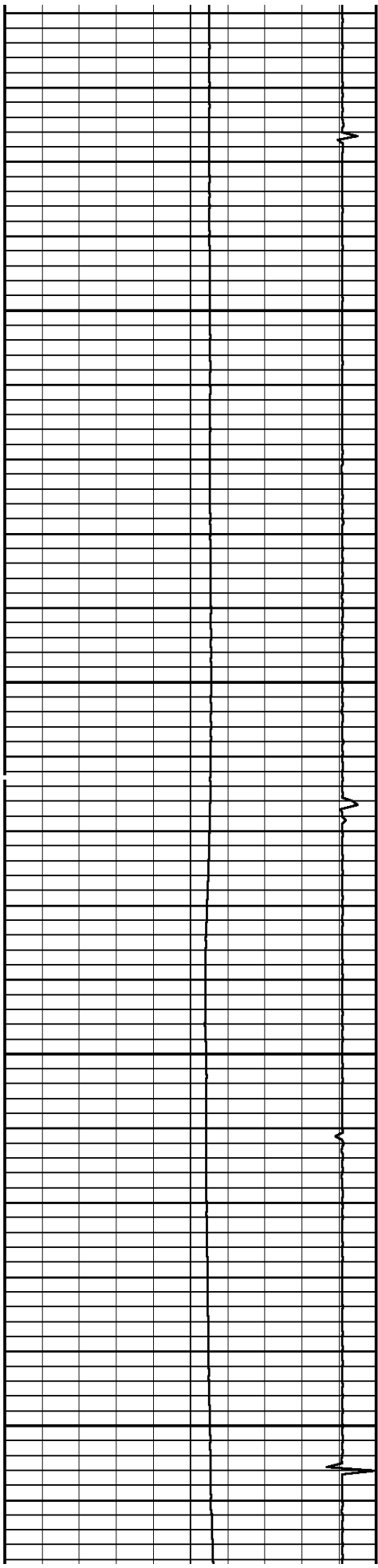




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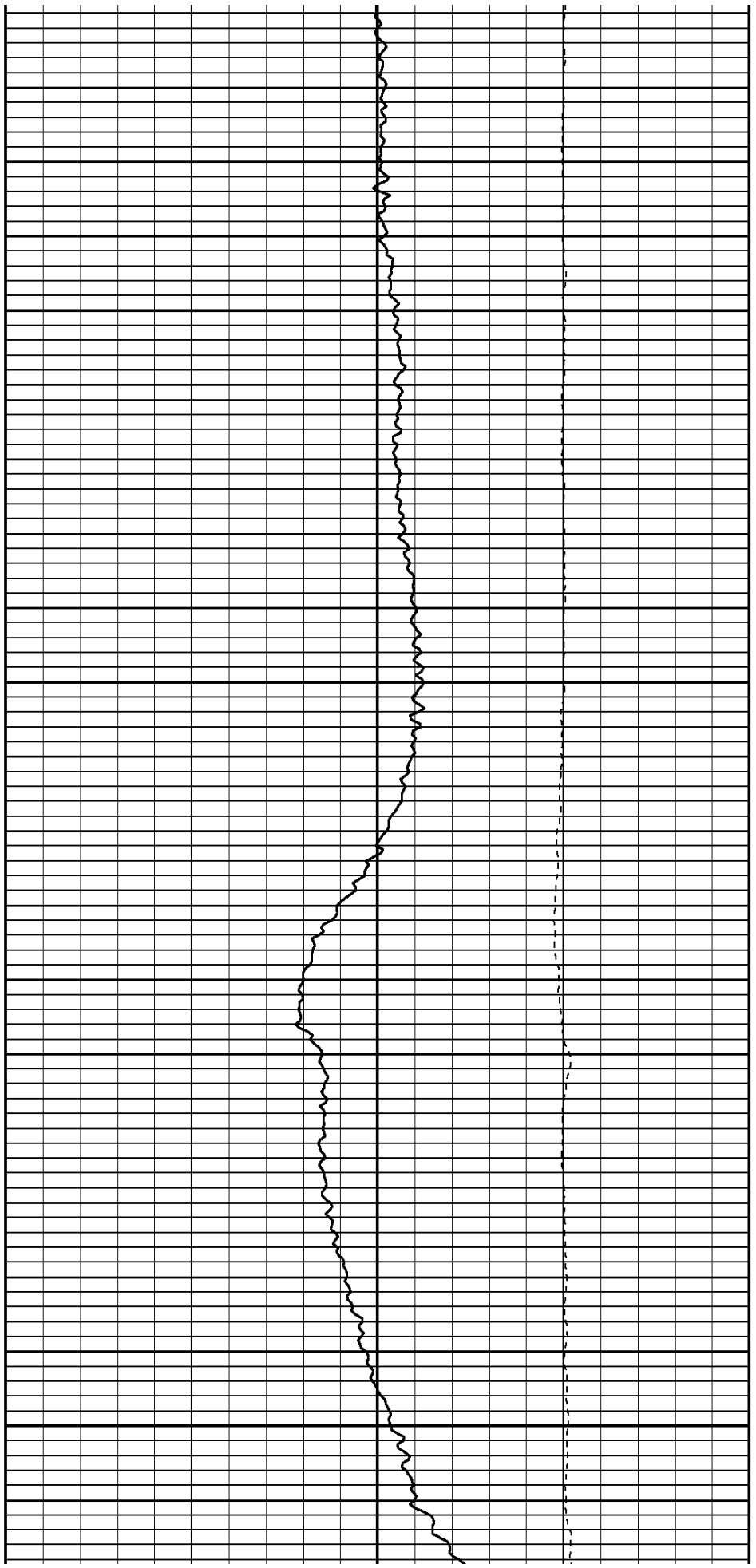
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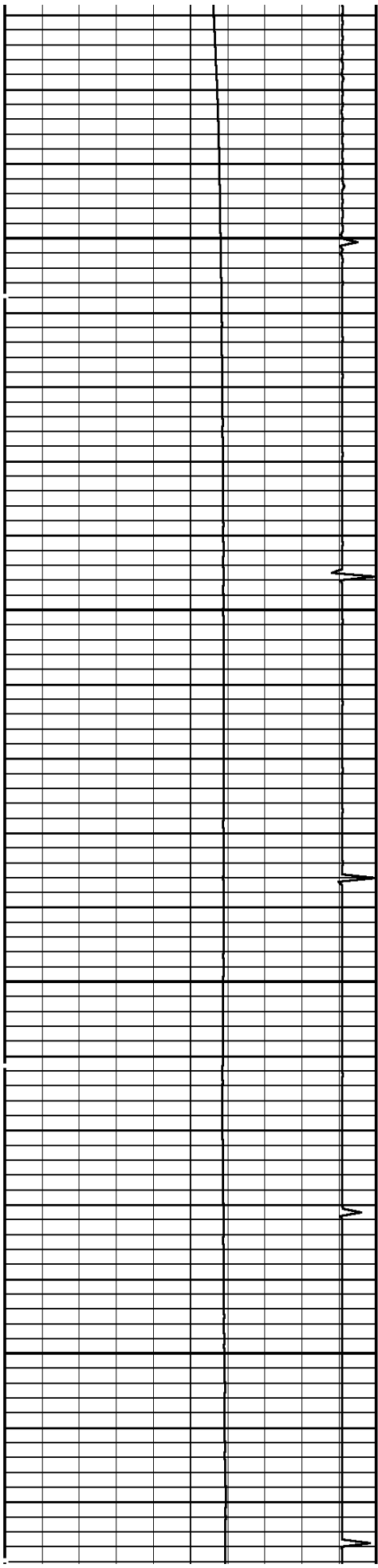




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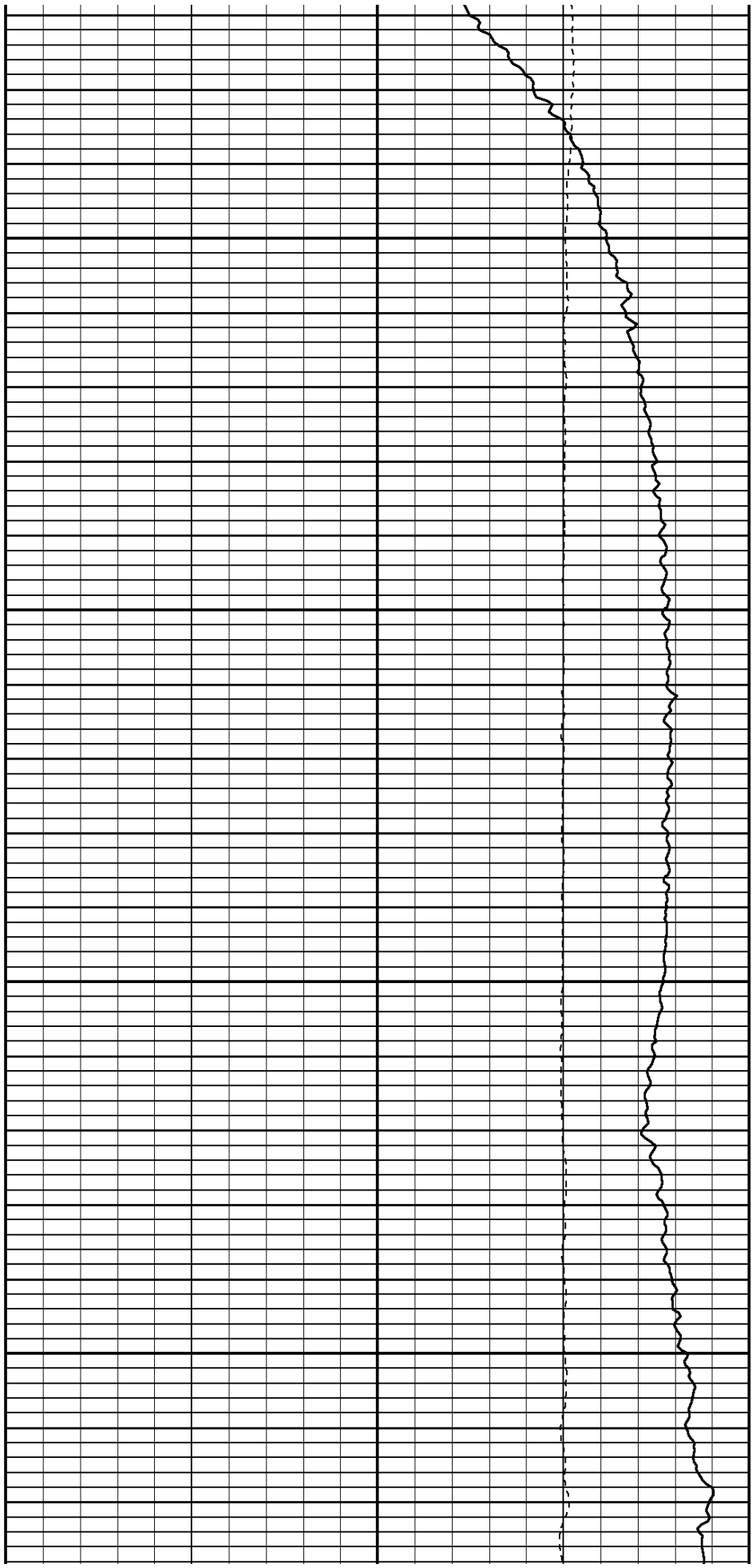
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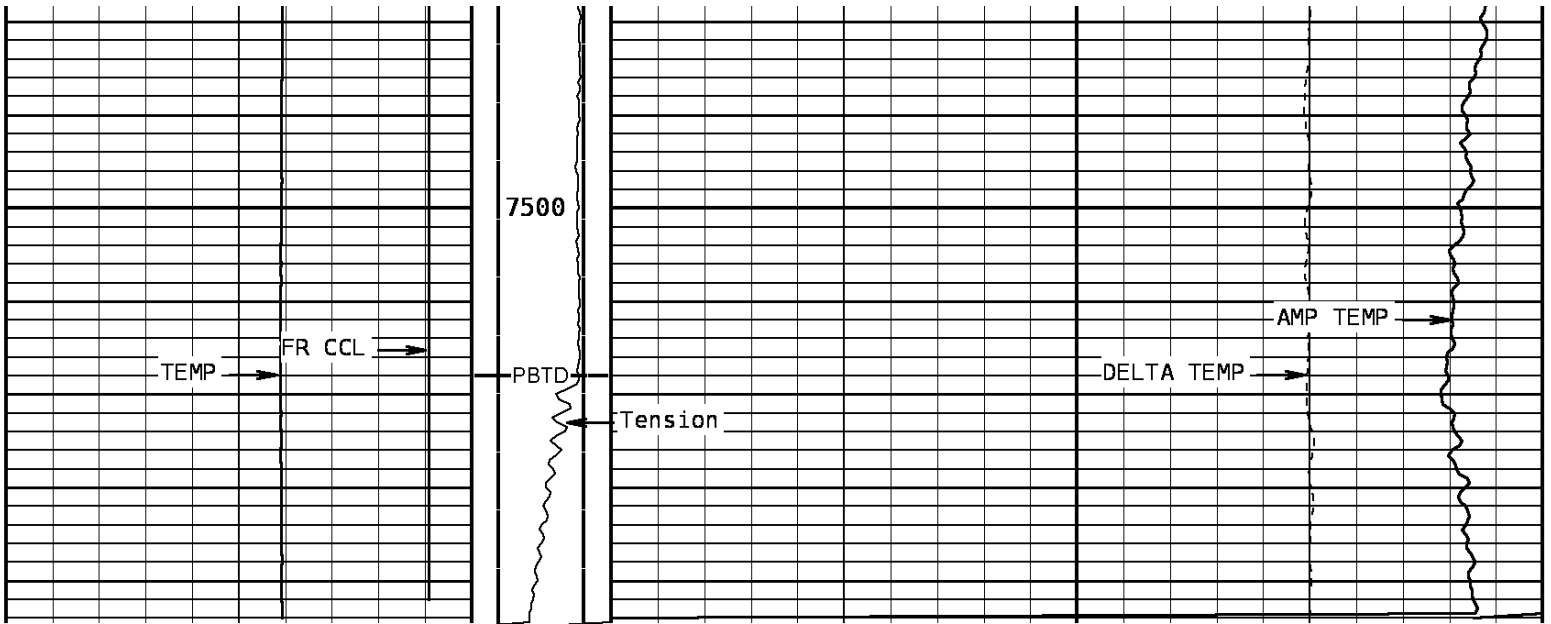




7300

7400





TEMPERATURE			Tension			AMP. TEMPERATURE		
60.0	DegreesFahrenheit	260.0	0	500	0.0	DegreesFahrenheit		20.0
Collar Locator						DELTA TEMPERATURE		
-8000.0	Millivolts	800.0				-1.500	DegF/Foot	1.500

START DEPTH: **7545.0** DIRECTION: **UP** DATE: **03/07/2011** TIME: **08:45** MODE: **TRACE PLAYBACK**
176818 TLTMP

MERGED PASS

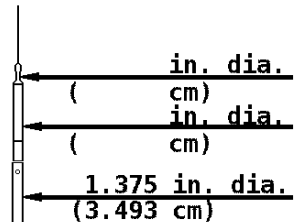
DEPTH SCALE: **5":100'** VERSION: **143R 2.0b"**

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 ft

CCL

Temp. 0.10 ft

1.688 in. dia.
(4.286 cm)

1.688 in. dia.
(4.286 cm)

COMPANY BILL BARRETT CORPORATION
WELL GGU FEDERAL 31D-29-691
FIELD MAMM CREEK
COUNTY GARFIELD STATE COLORADO



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