

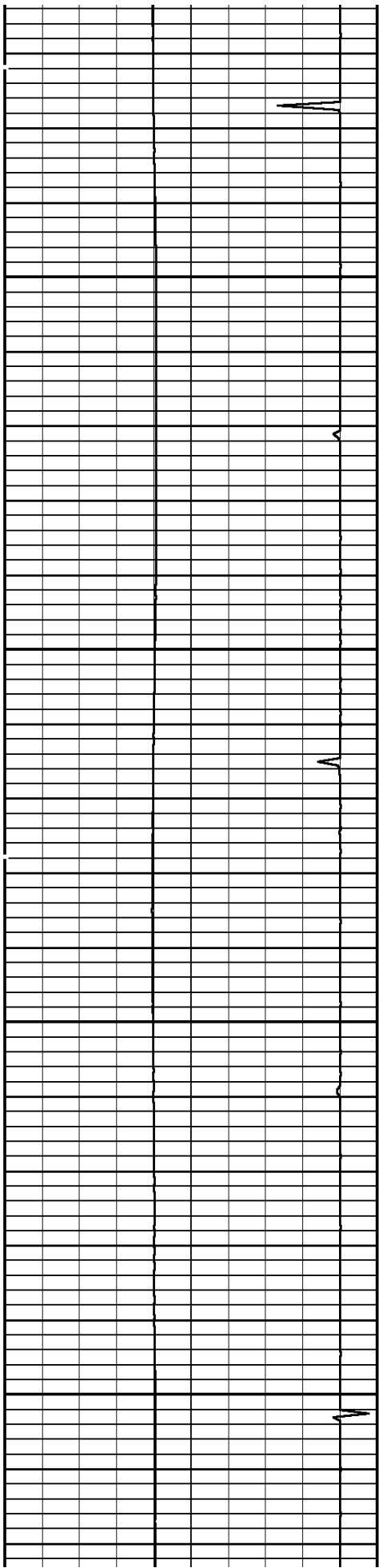


|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COMPANY ENCANA OIL & GAS CORPORATION<br>WELL SHIDELER 30-3A<br>12B-30-691<br>FIELD MAMM CREEK<br>CNTY GARFIELD STATE CO |  |  |  |  |  |  |  |  |  | COMPANY ENCANA OIL & GAS (USA) INC<br>WELL SHIDELER 30-3A<br>FIELD MAMM CREEK<br>COUNTY GARFIELD STATE COLORADO        |  |  |  |  |  |  |  |  |  |
| PERM. DATUM Ground Level<br>LOG MEASURED FROM K.B. 22 FT. ABOVE PERMANENT DATUM<br>DRILLING MEASURED FROM K.B.          |  |  |  |  |  |  |  |  |  | LOCATION:<br>SHL: 569' FSL & 1658' FEL<br>BHL: 162' FNL & 2127' FEL<br>SEC.19 TWP.7S RGE92W<br>OTHER SERVICES:<br>NONE |  |  |  |  |  |  |  |  |  |
| DATE 08-FEB-2013  |  |  |  |  |  |  |  |  |  | ELEV. 6509'<br>ELEV.: K.B. 6531'<br>D.F. 6531'<br>G.L. 6509'   |  |  |  |  |  |  |  |  |  |
| RUN NO. ONE   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DEPTH DRILLER 7824'   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DEPTH LOGGER 7766'  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BTM. LOG INTERVAL 7766'   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOP LOG INTERVAL SURF   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OPEN HOLE SIZE 7.875"   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TYPE FLUID WATER  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DENS. 8.3 VISC. N/A   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAX. REC. TEMP. 214 DEG F   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EST. CEMENT TOP 3050'   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TIME WELL READY ROA   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TIME LOGGER ON BTM. SEE LOG   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EQUIP. NO. 14113  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LOCATION GRD JUNCTION   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RECORDED BY P. BATES  |  |  |  |  |  |  |  |  |  | P. MAZUR   |  |  |  |  |  |  |  |  |  |
| WITNESSED BY M. SILVA   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BOREHOLE RECORD   |  |  |  |  |  |  |  |  |  | TUBING RECORD  |  |  |  |  |  |  |  |  |  |
| RUN NO. BIT FROM TO SIZE WGT. FROM TO   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CASING RECORD SIZE WT/FT GRADE TYPE JOINT TOP BOTTOM  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SURFACE STRING  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROD. STRING  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROD. STRING 4.5" 11.6 SURF. TD   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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.

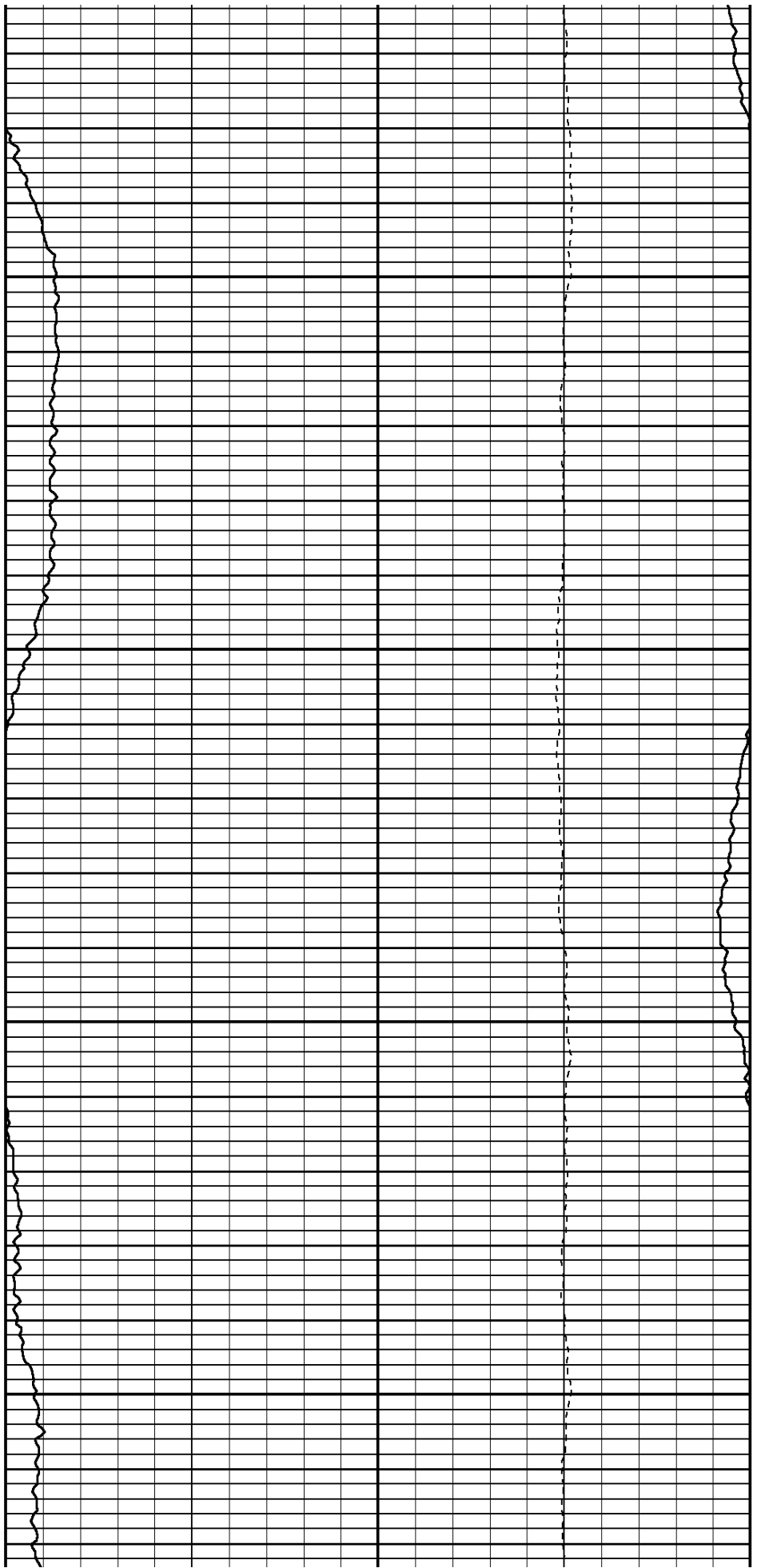
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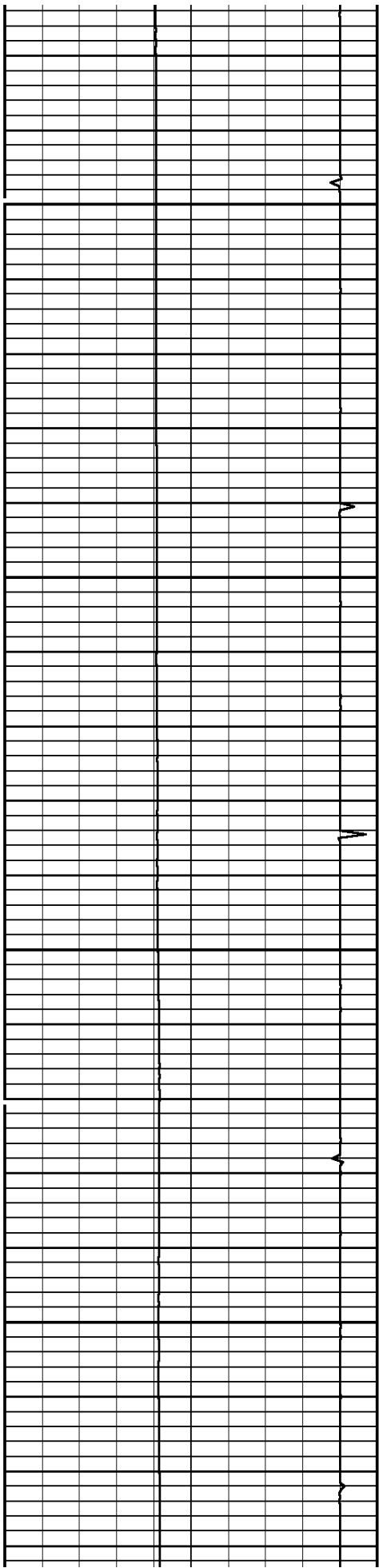




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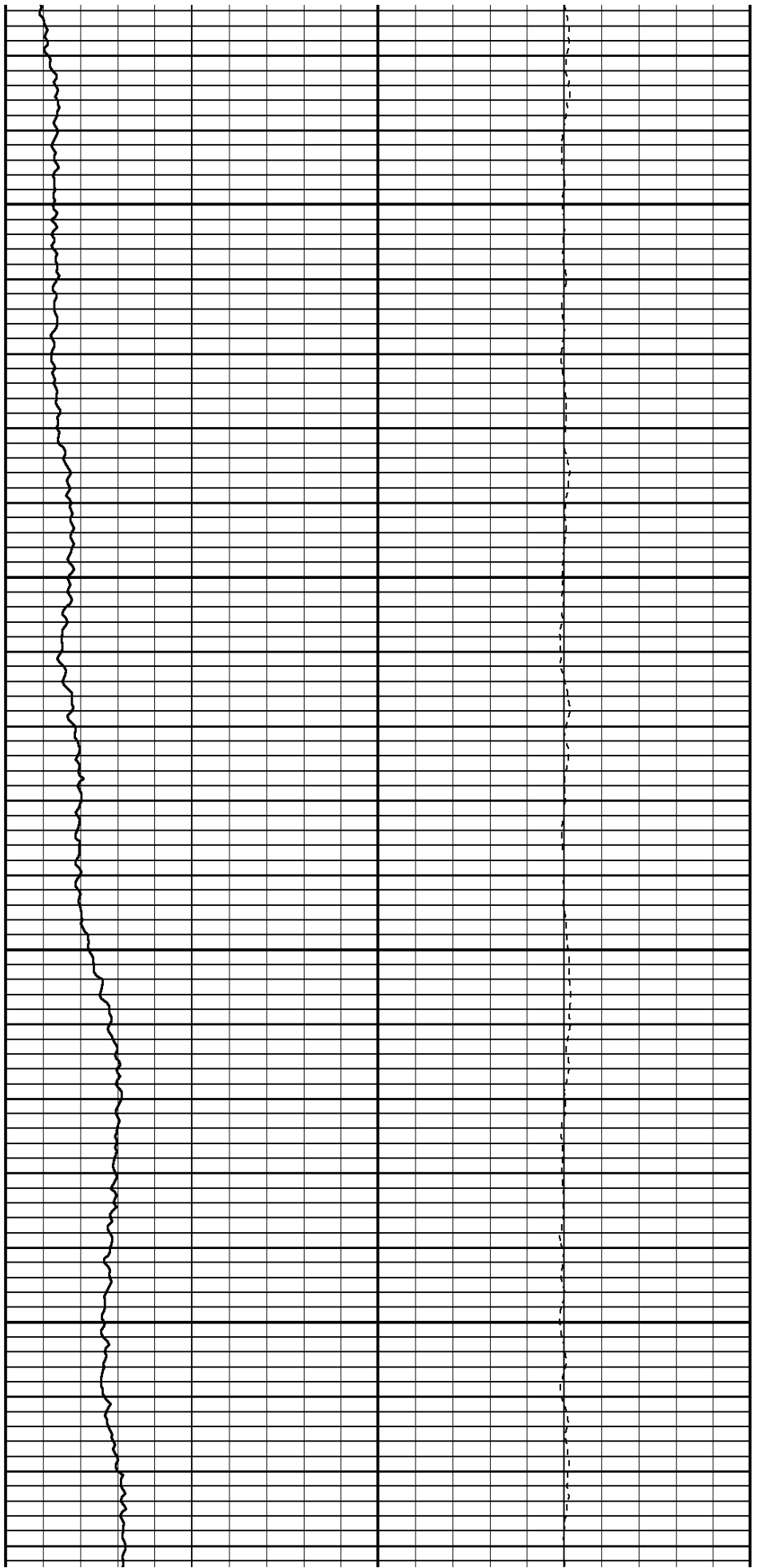
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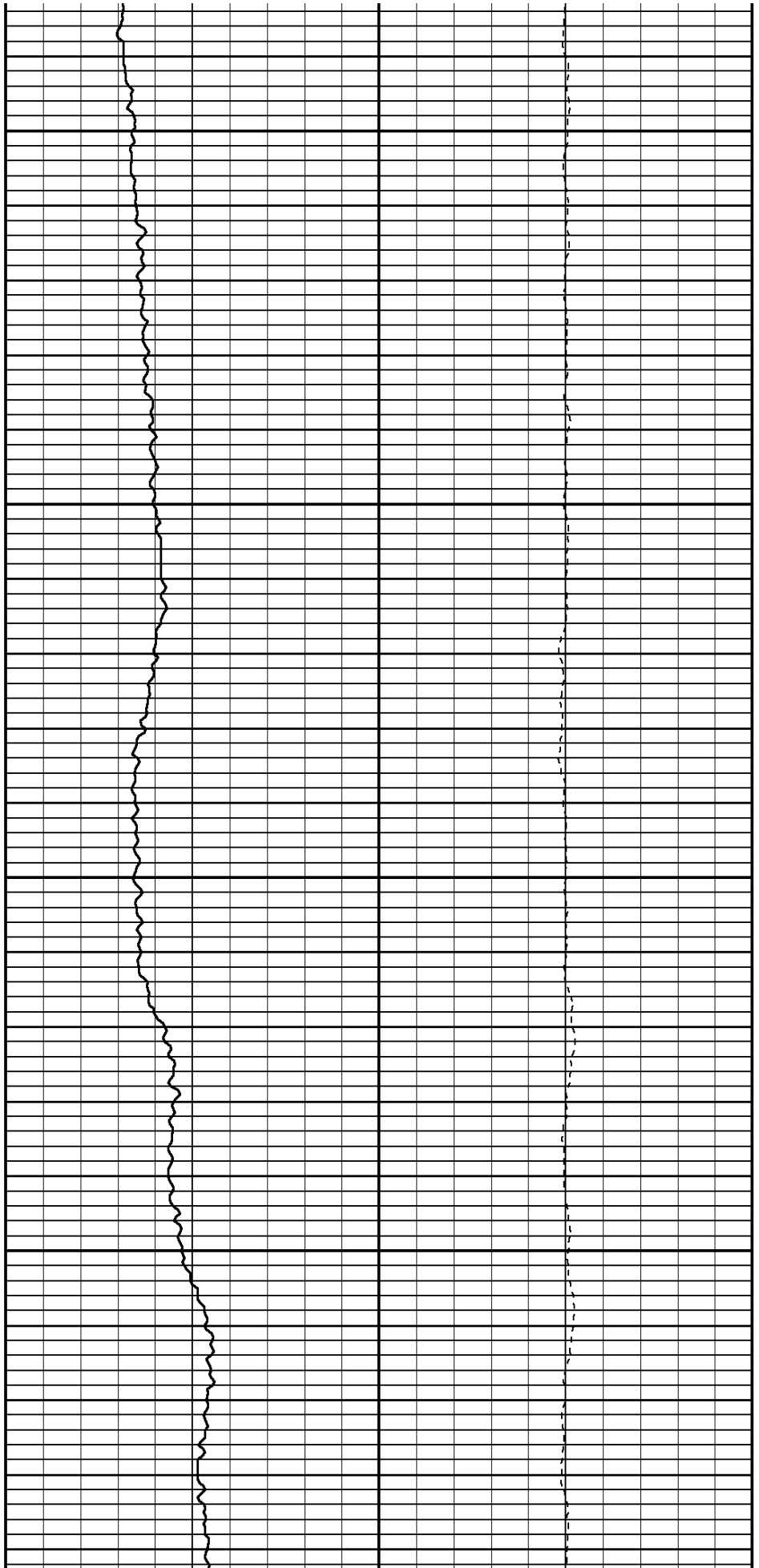
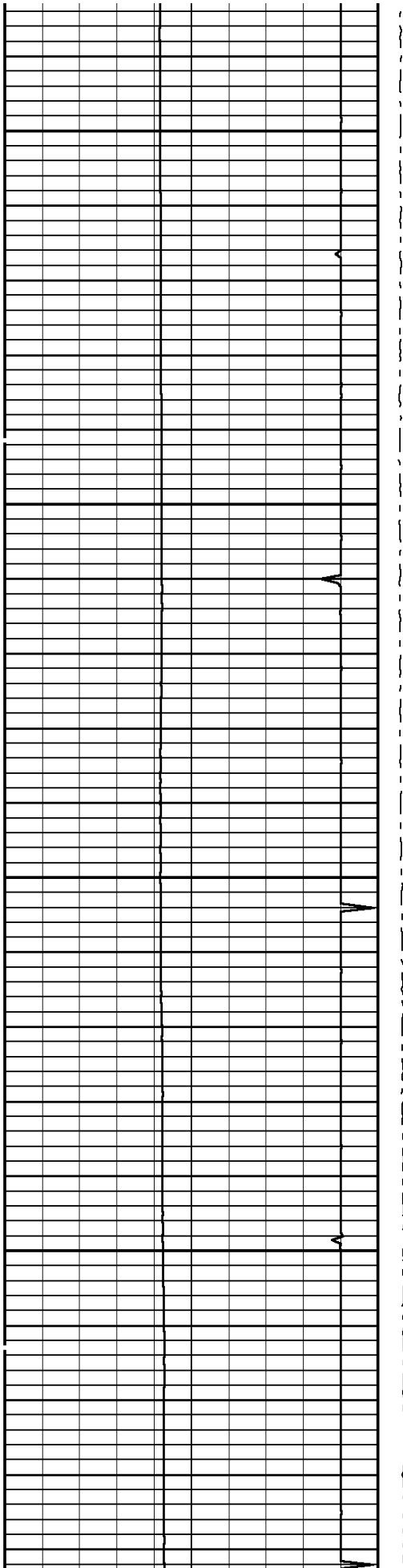


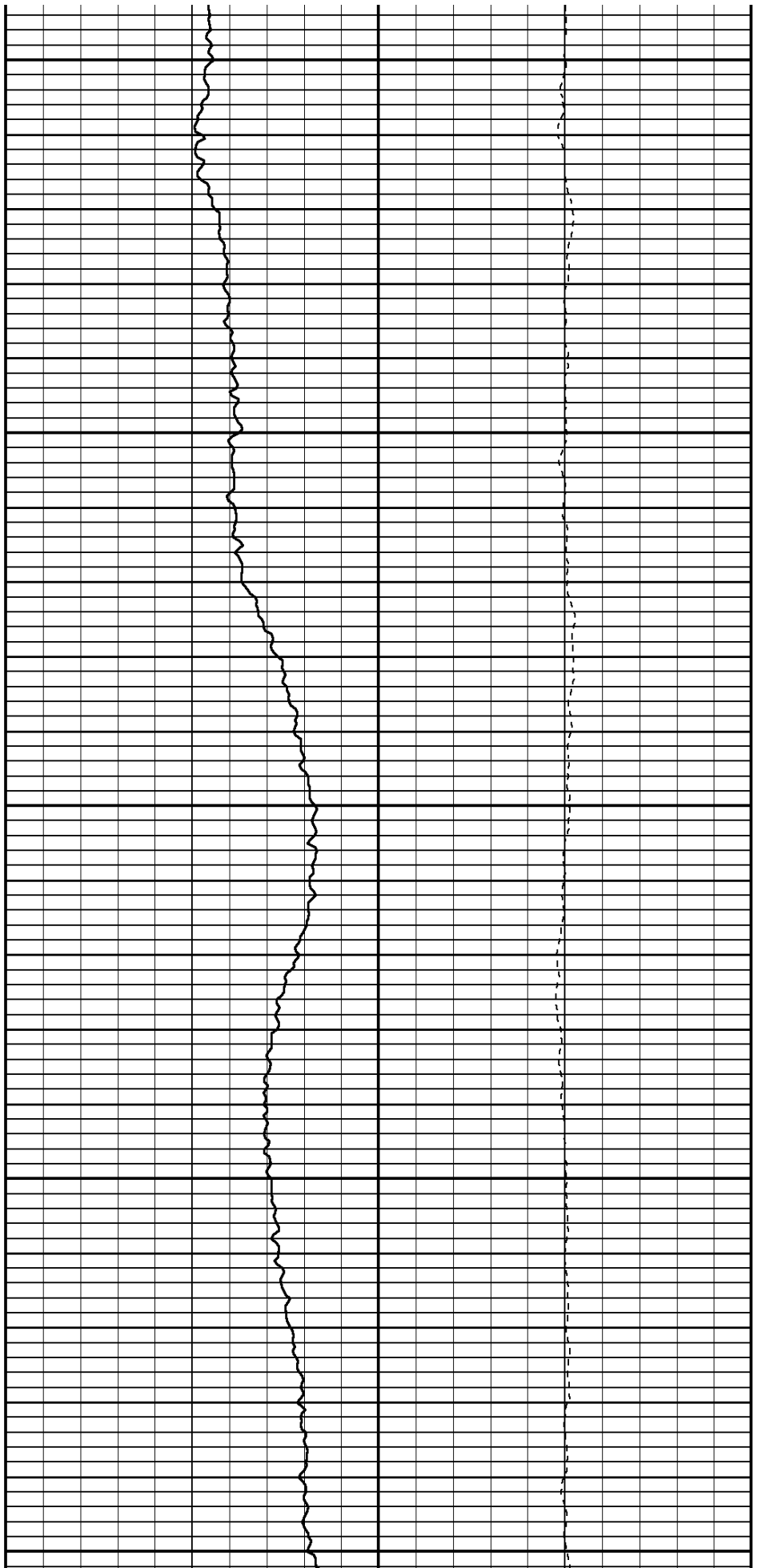
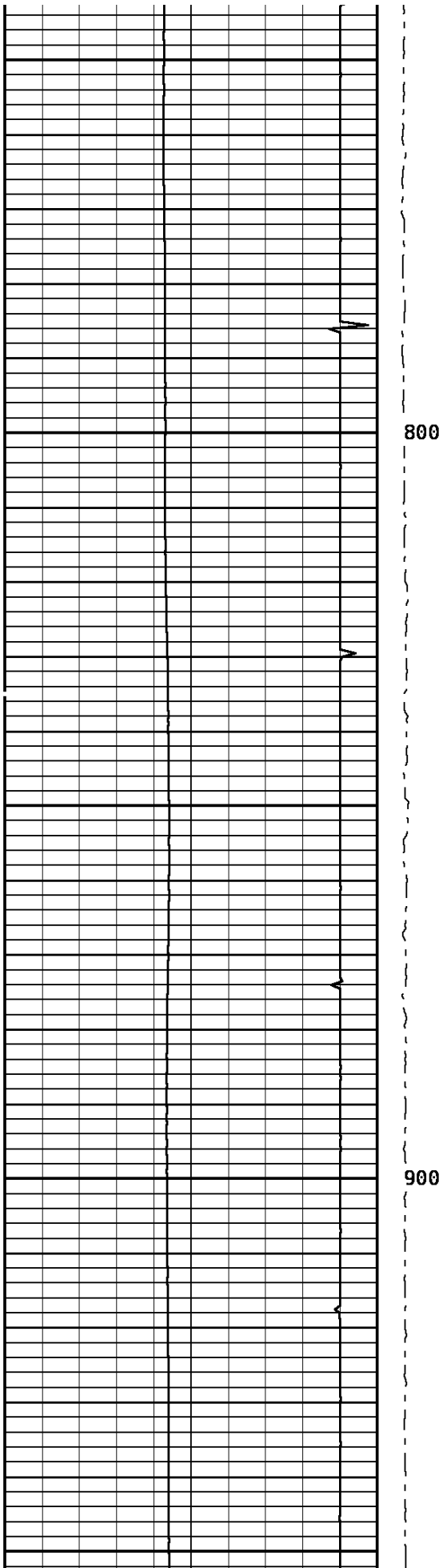


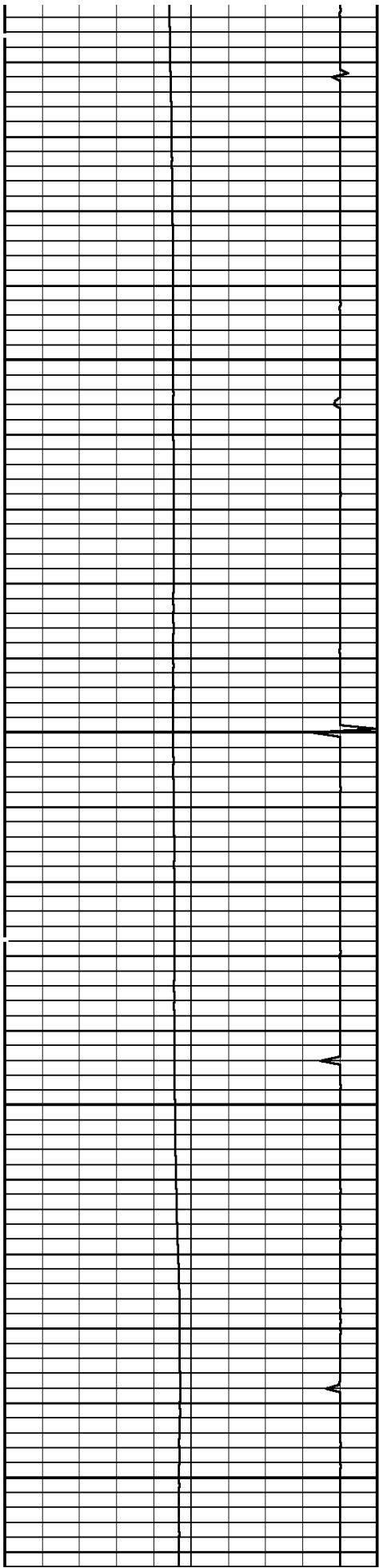
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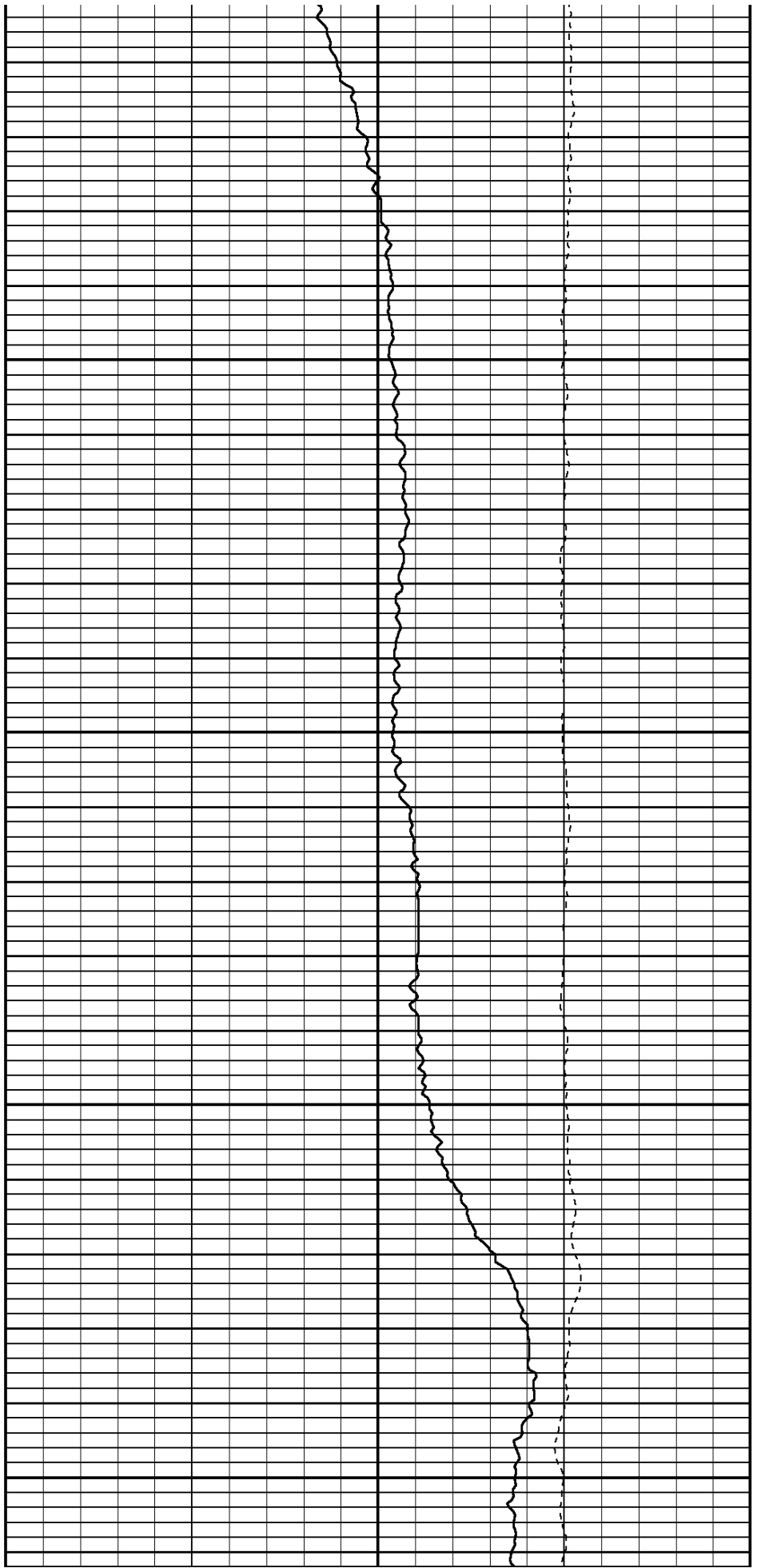


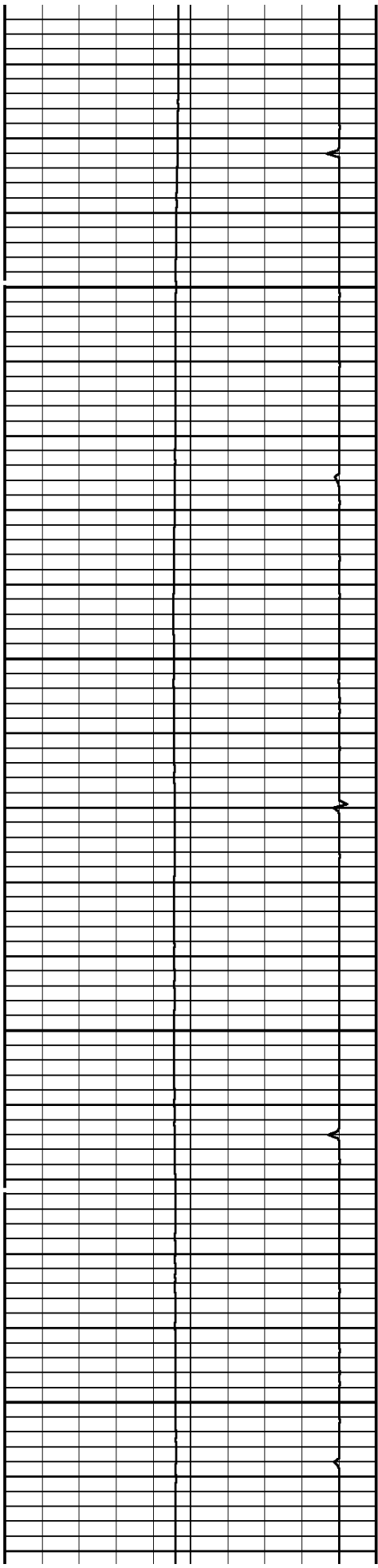




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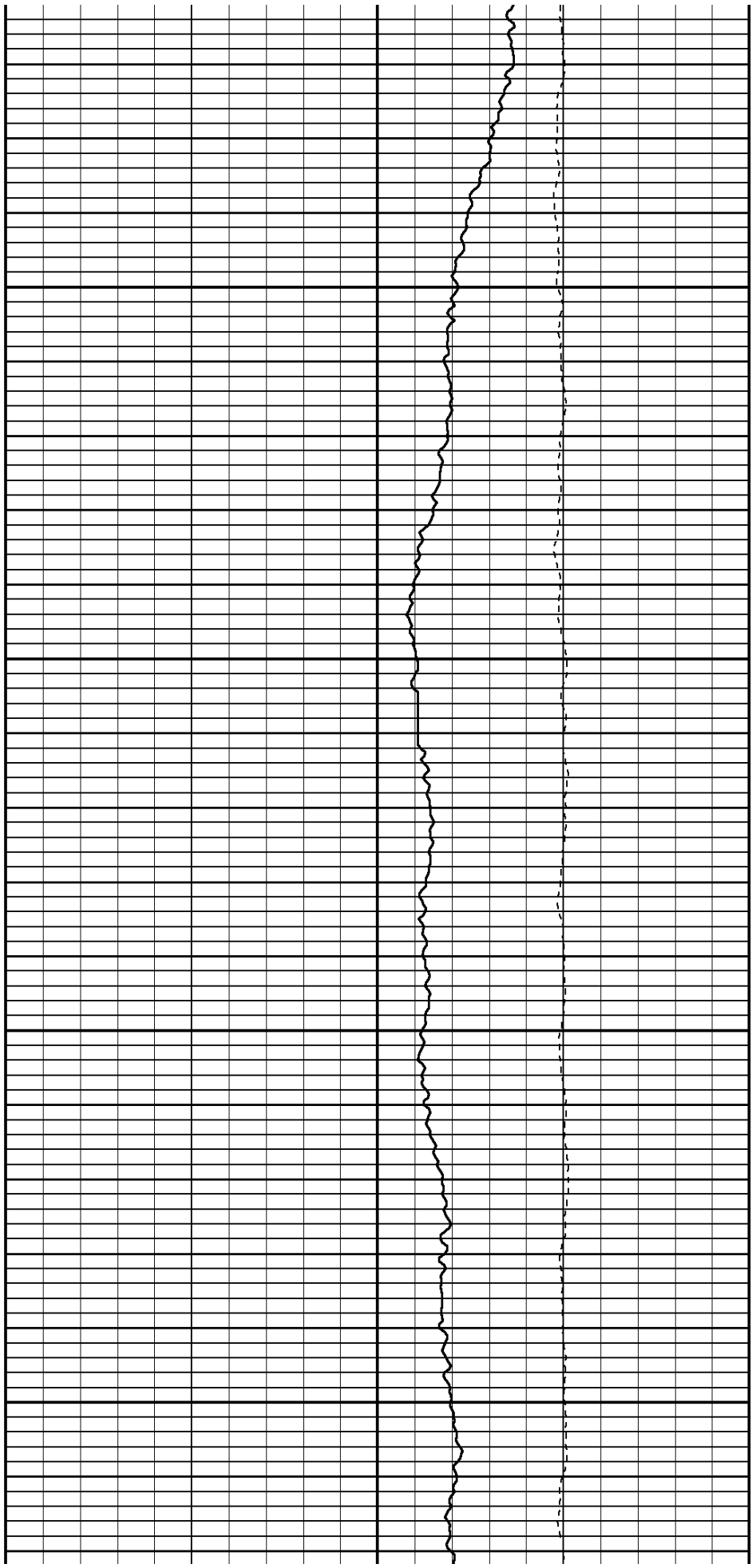
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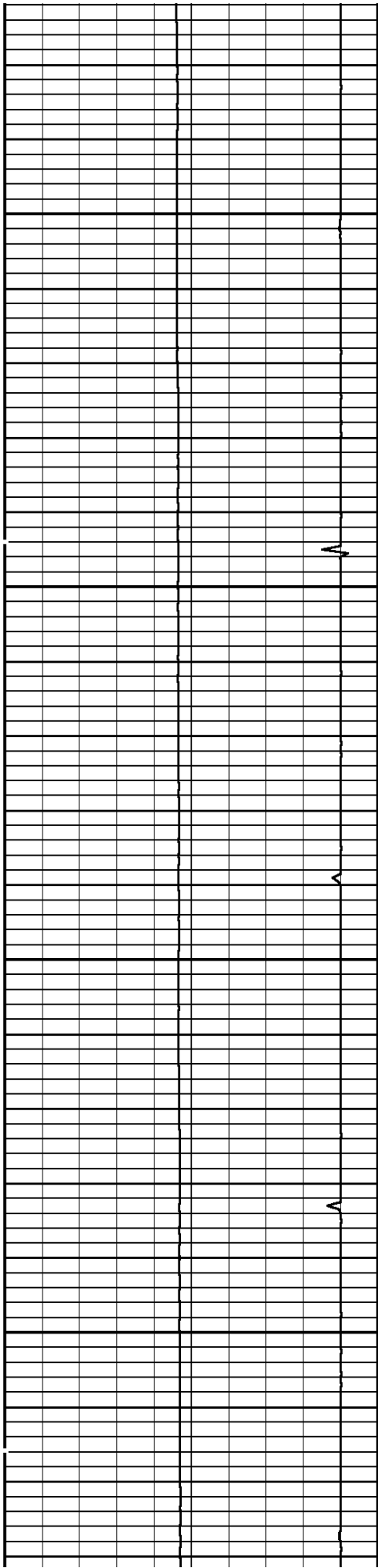


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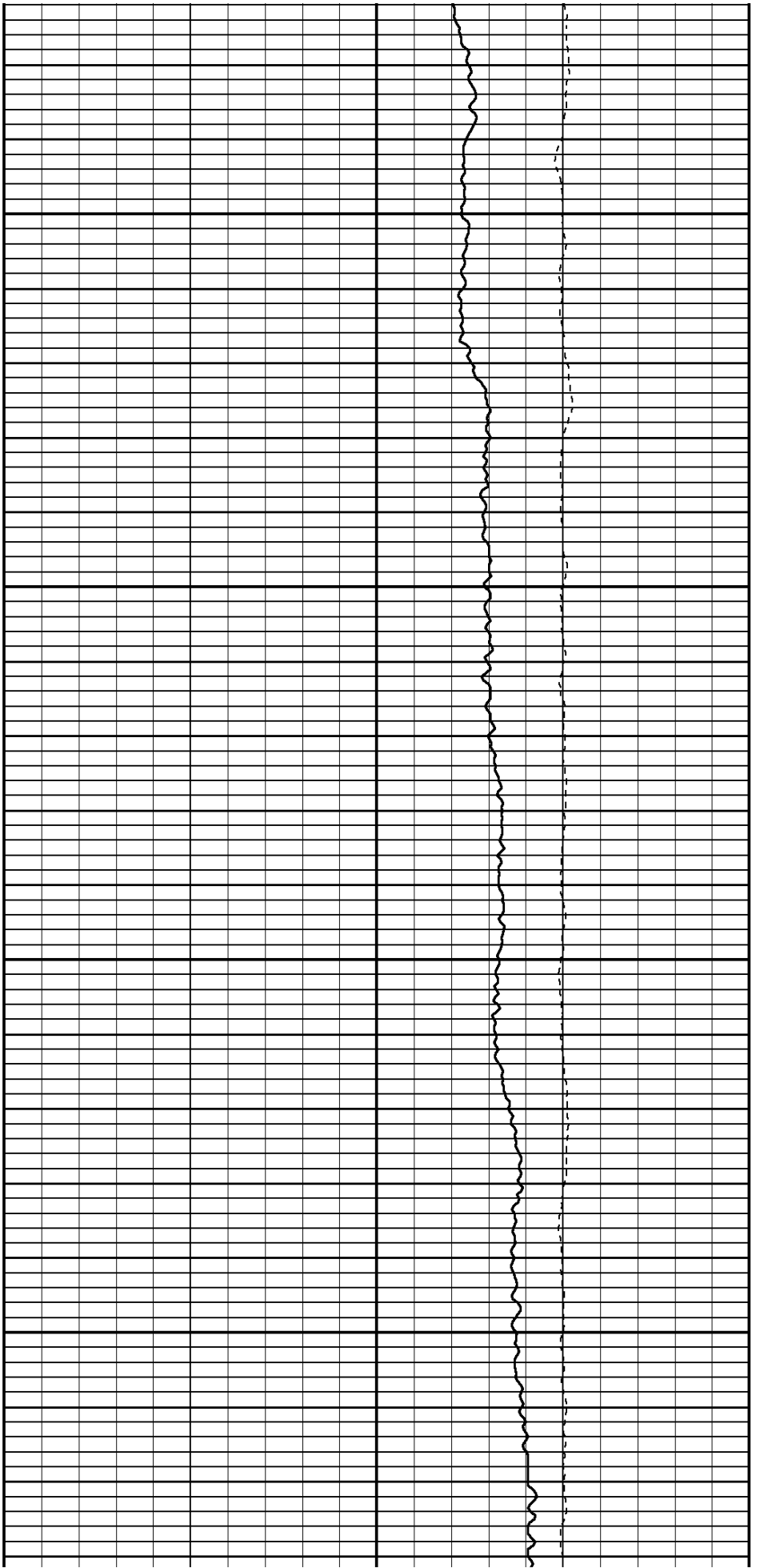


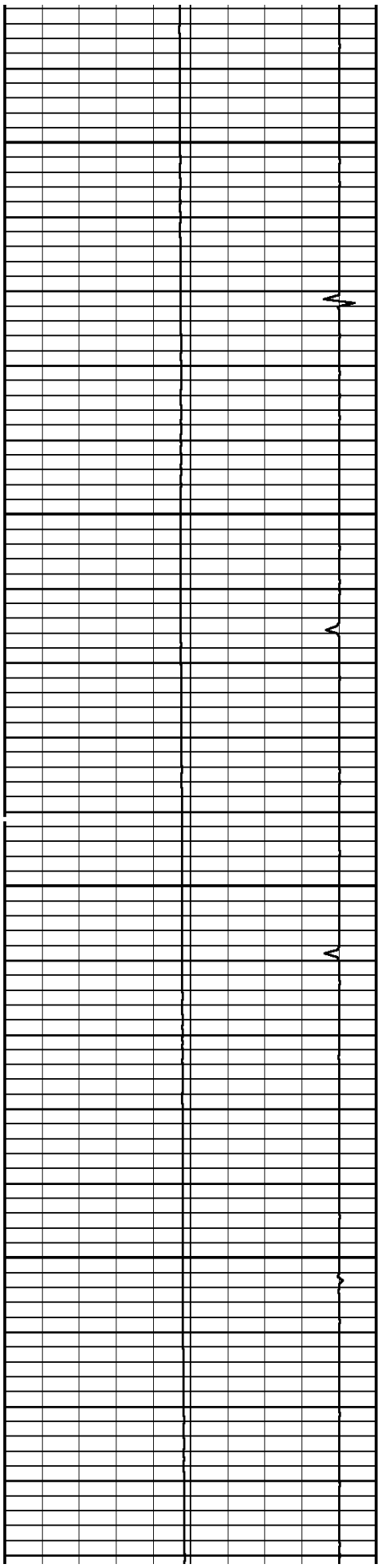




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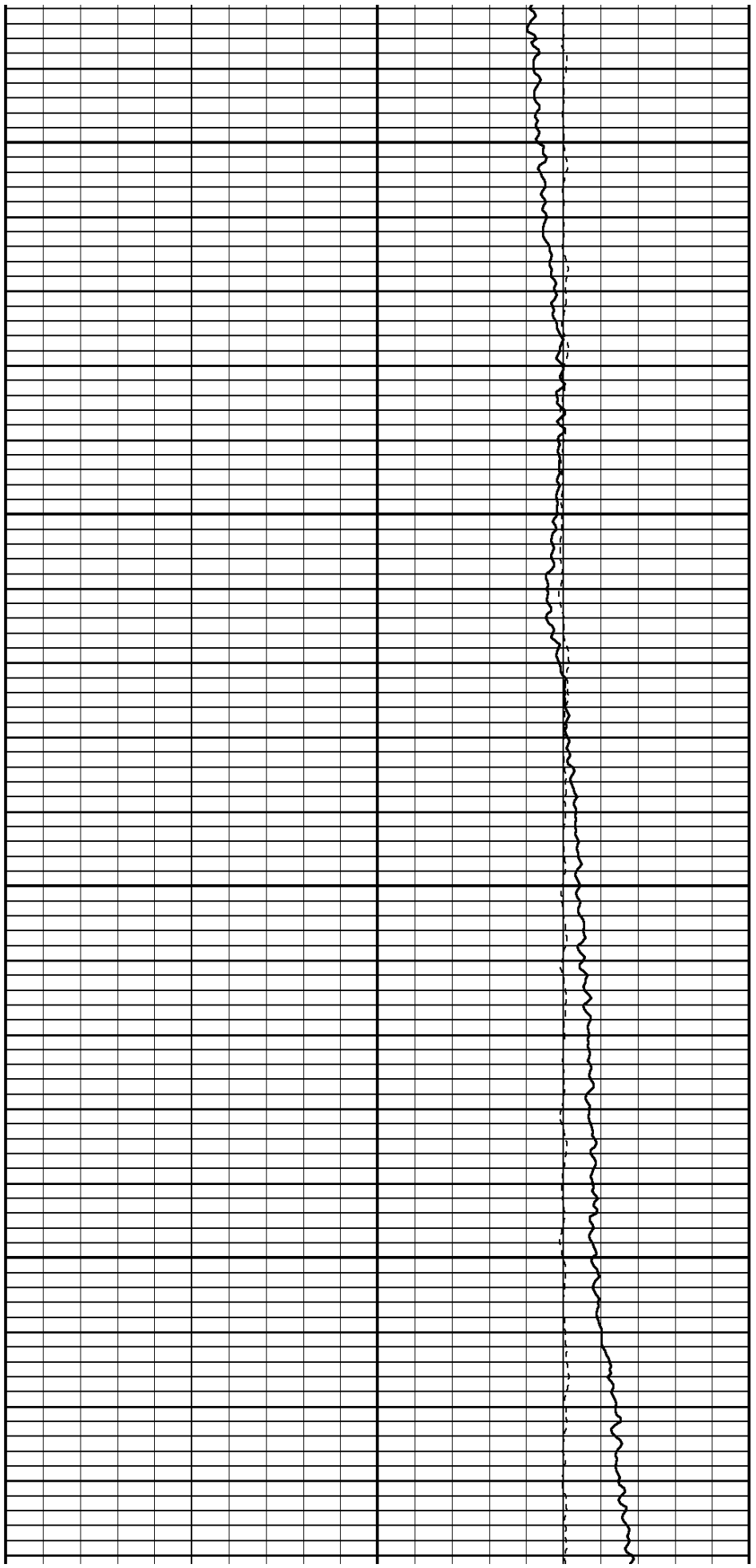
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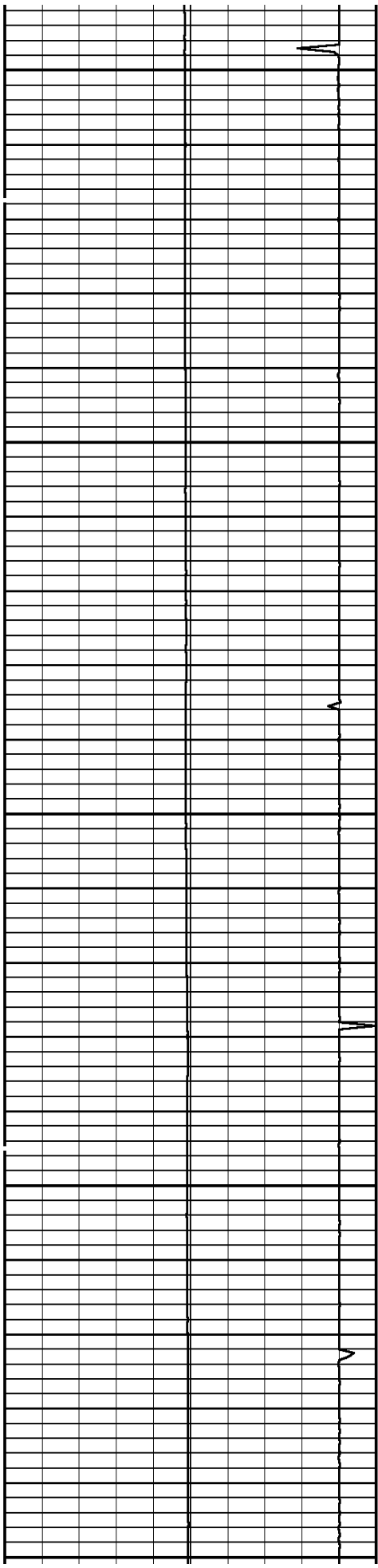




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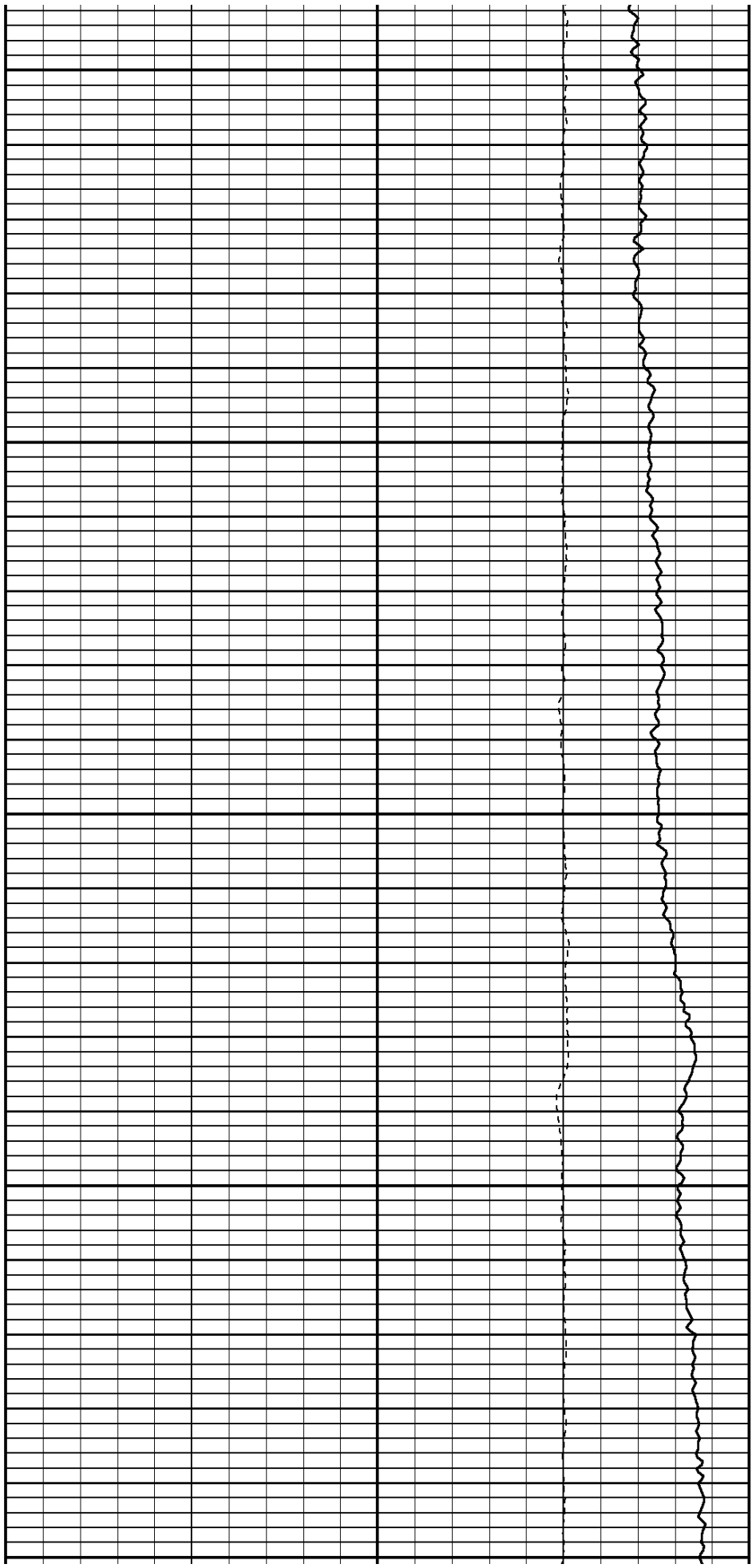


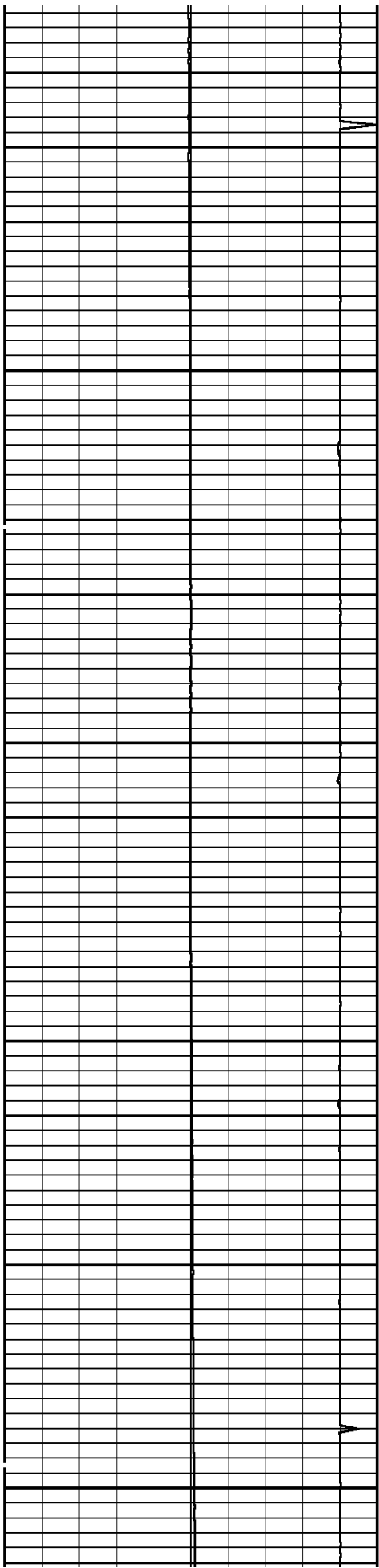


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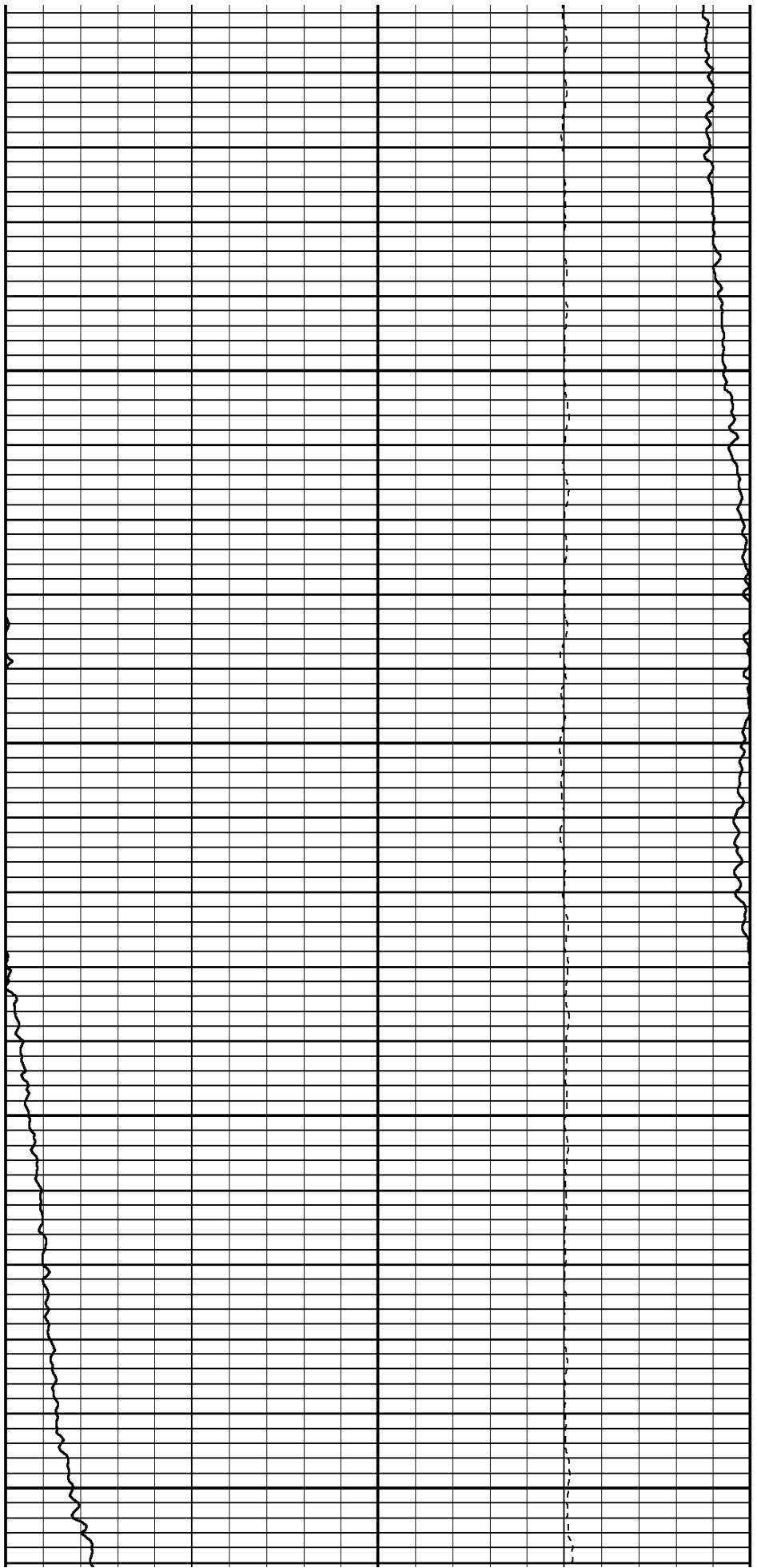
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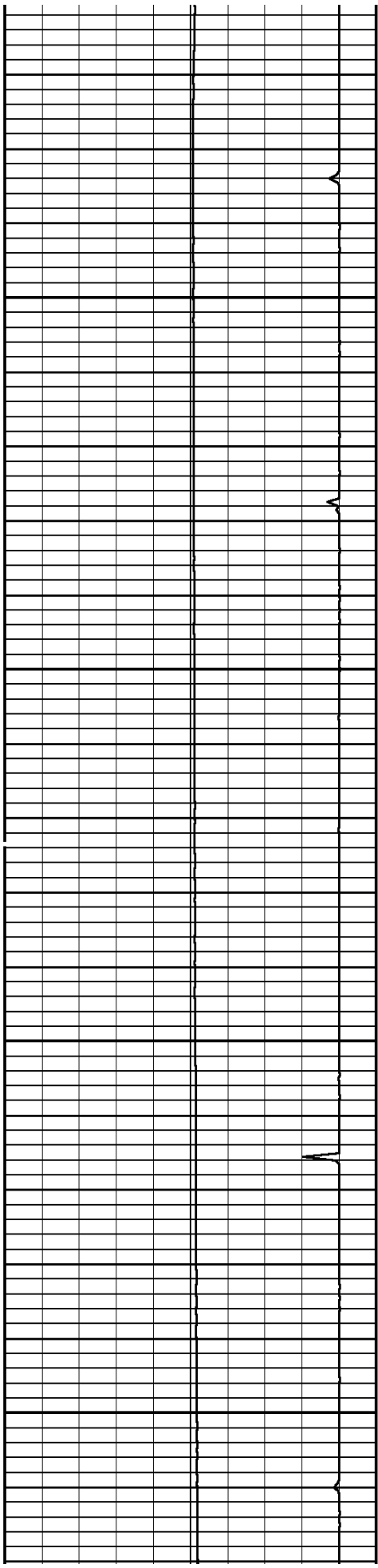




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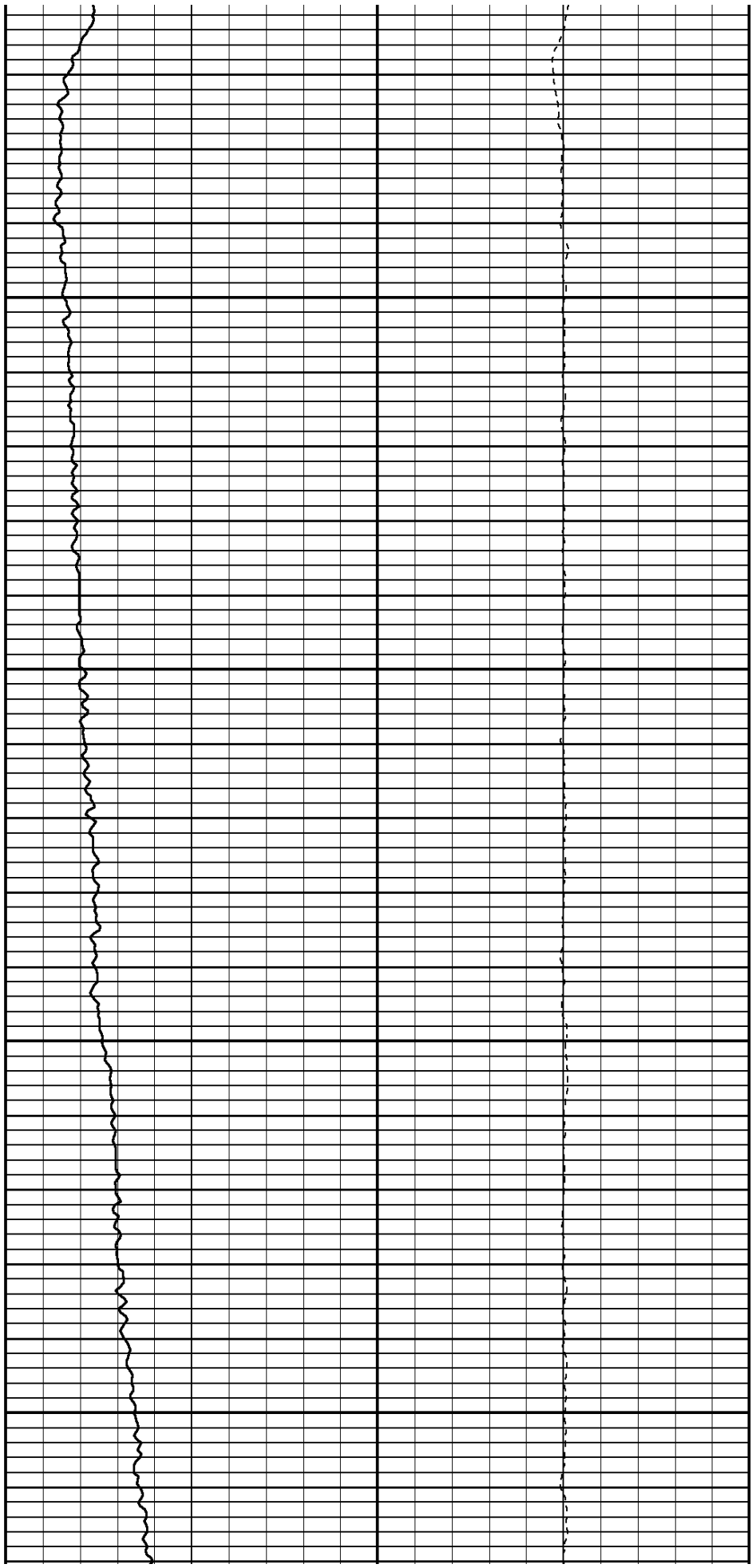
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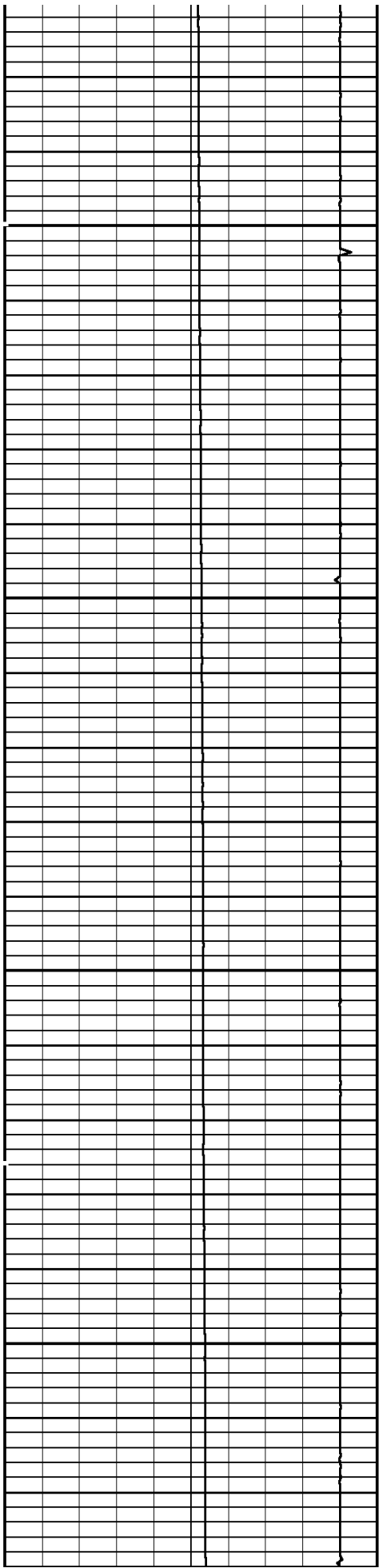




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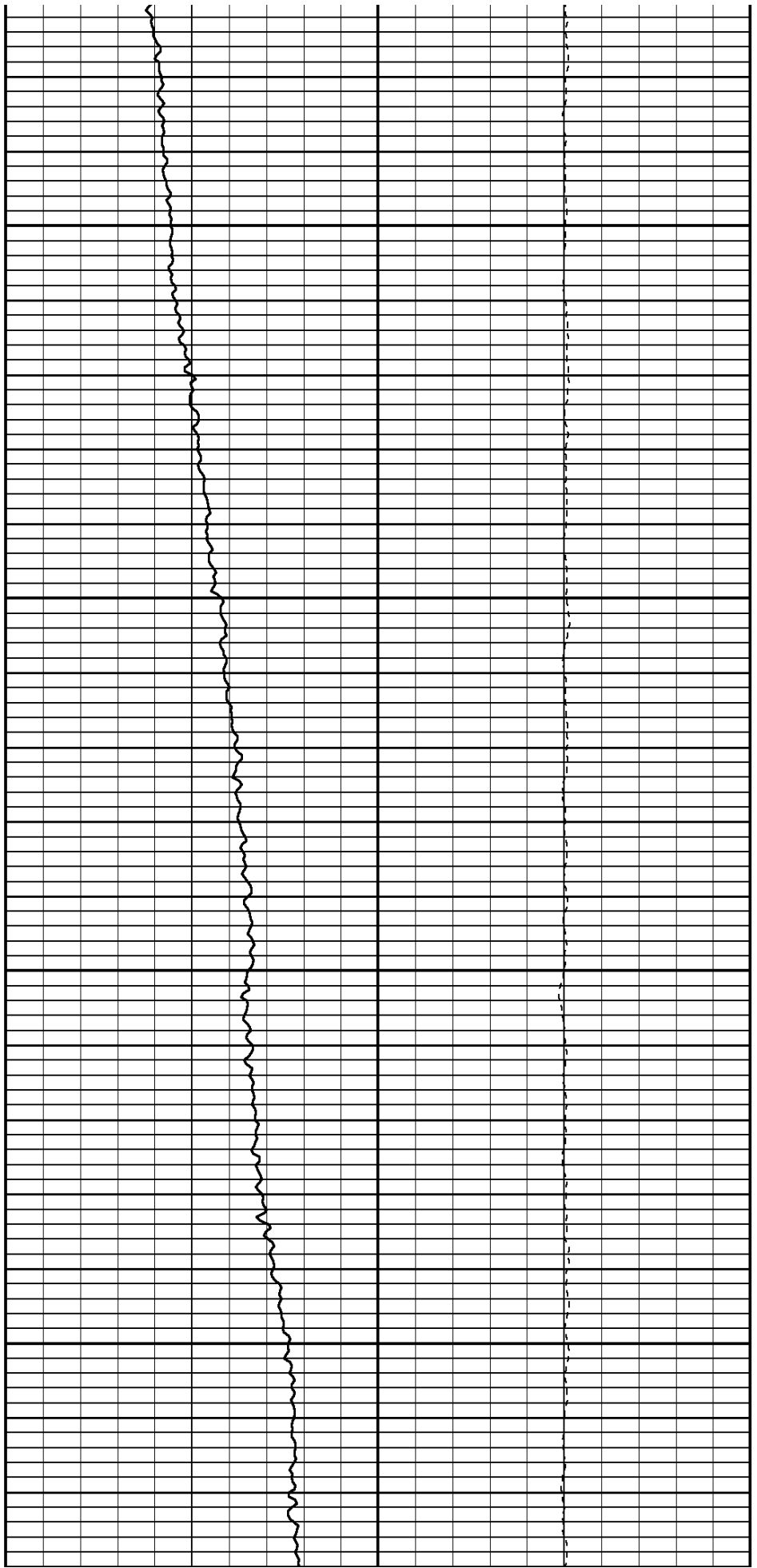
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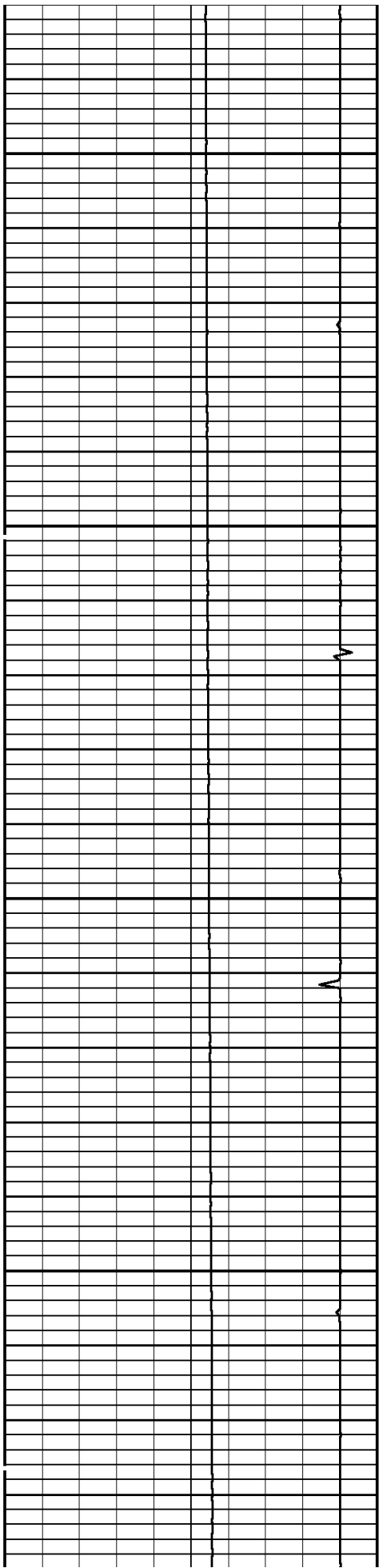




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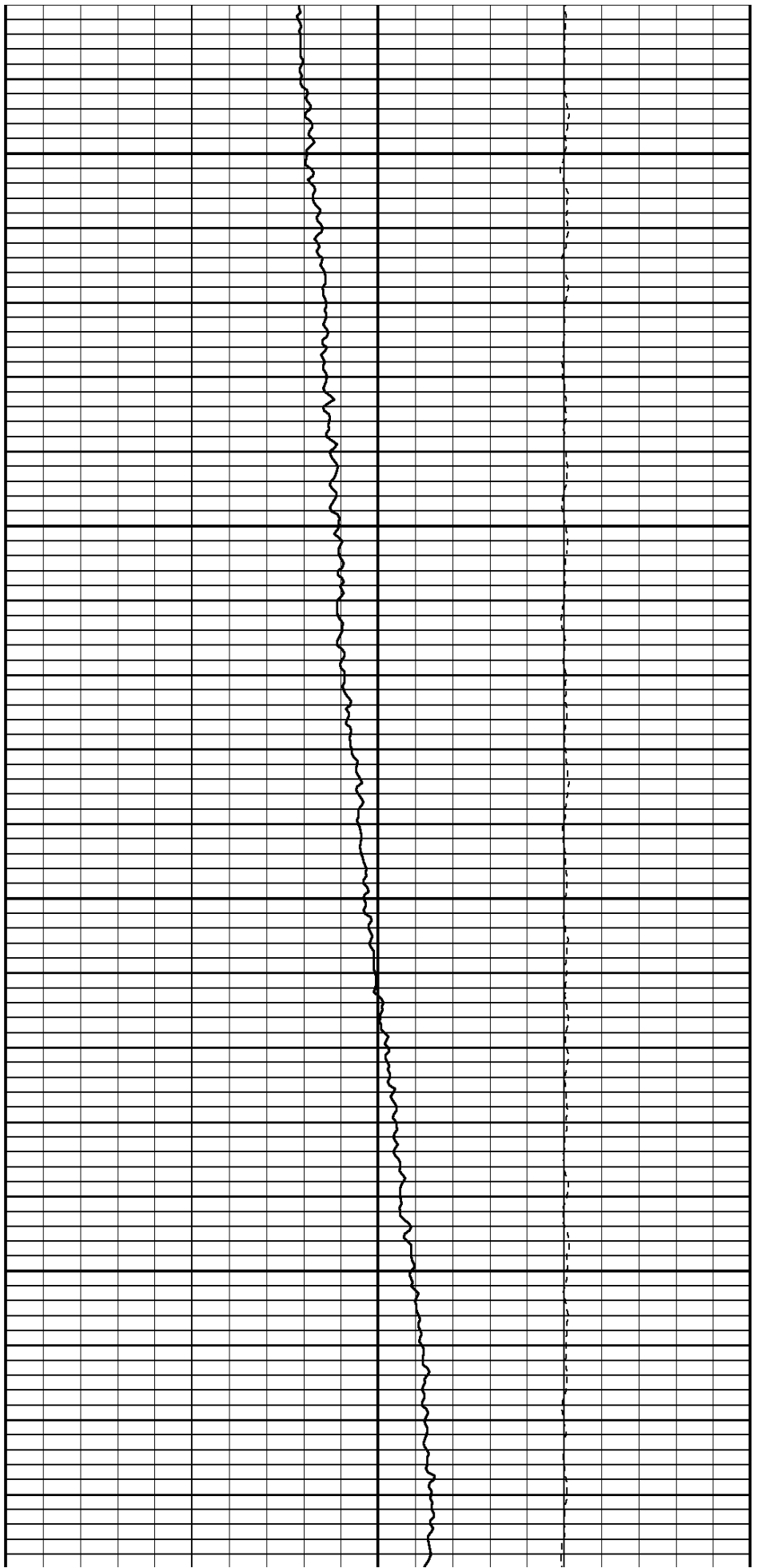
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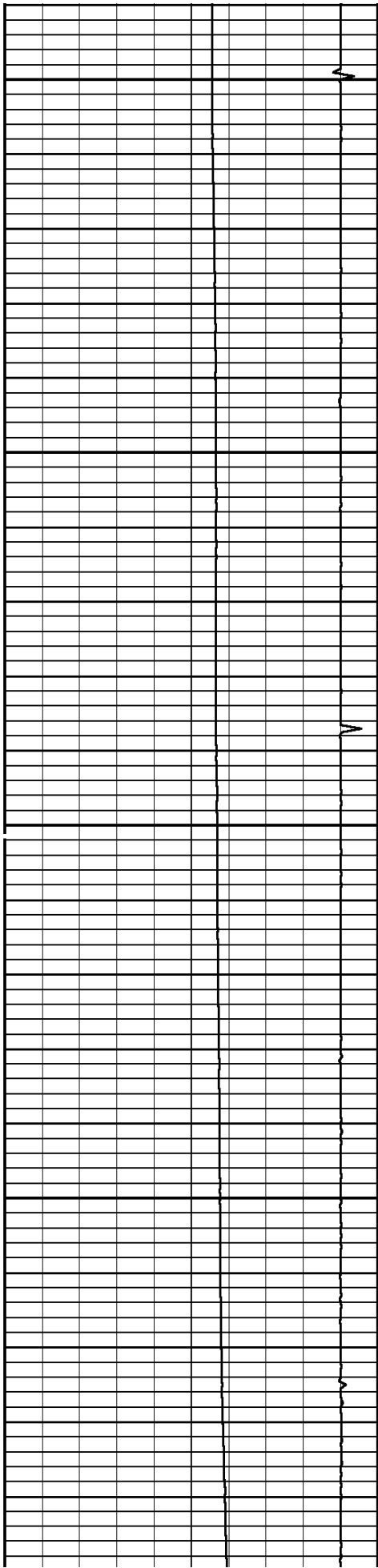




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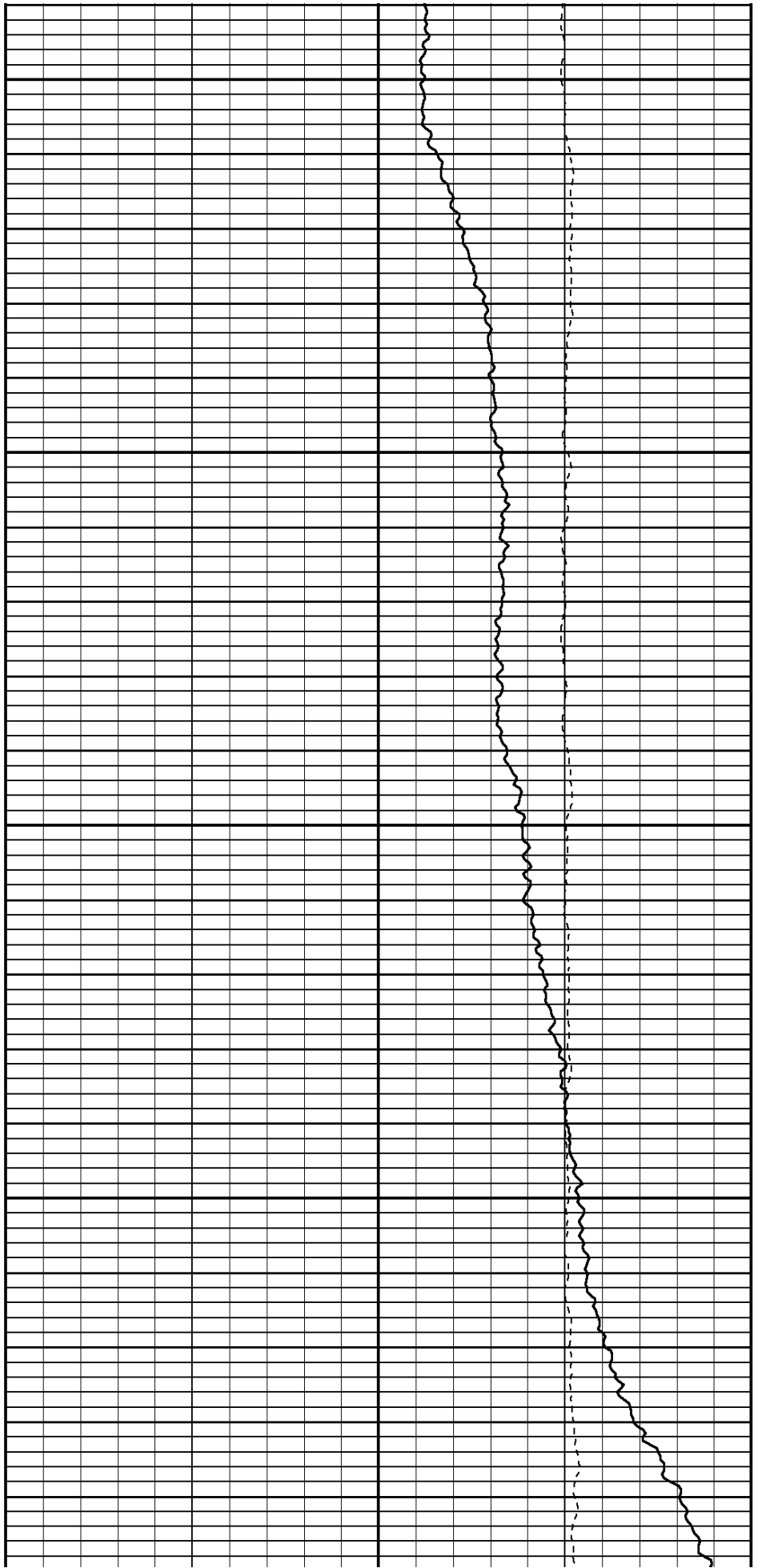
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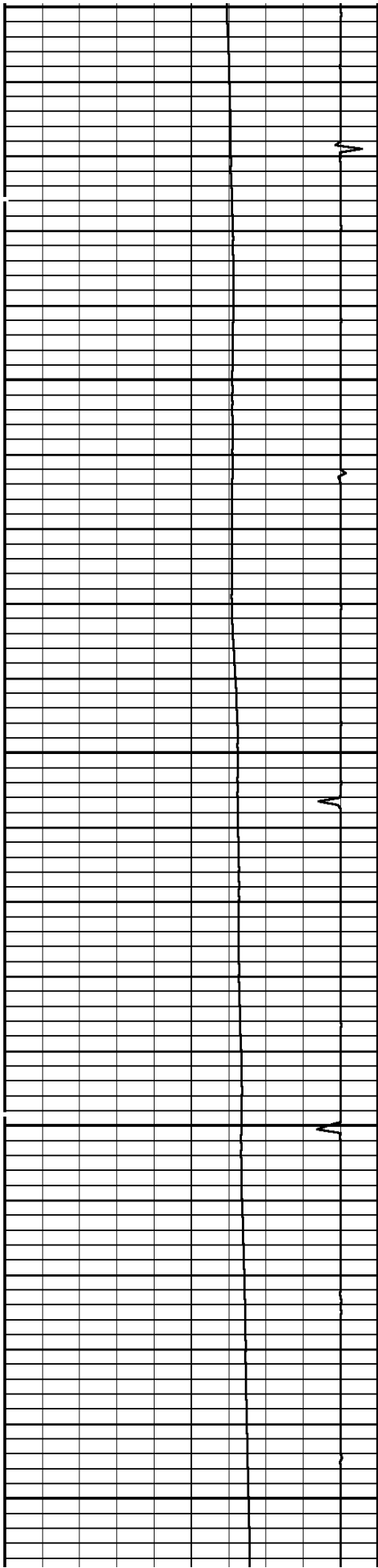


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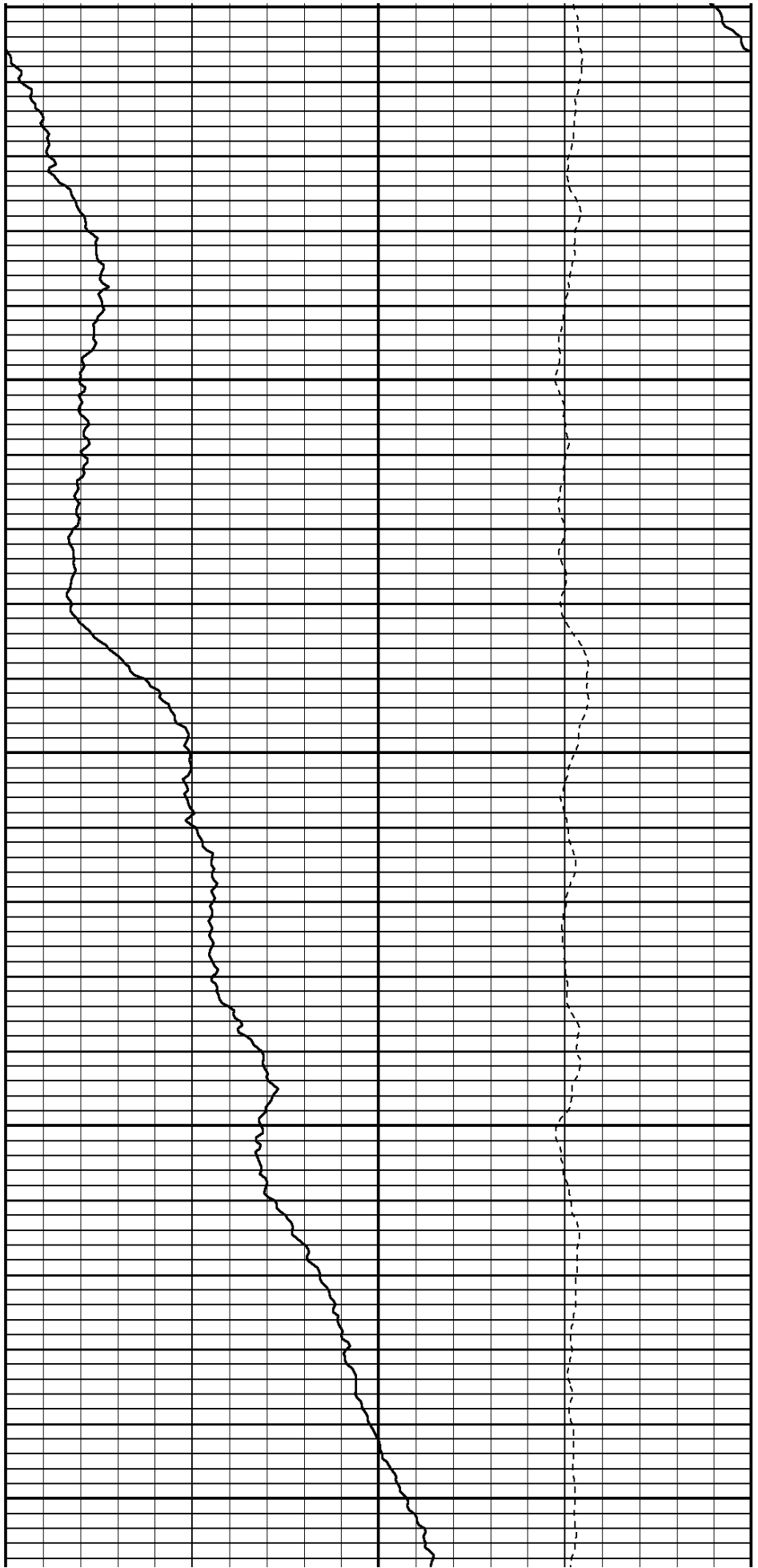


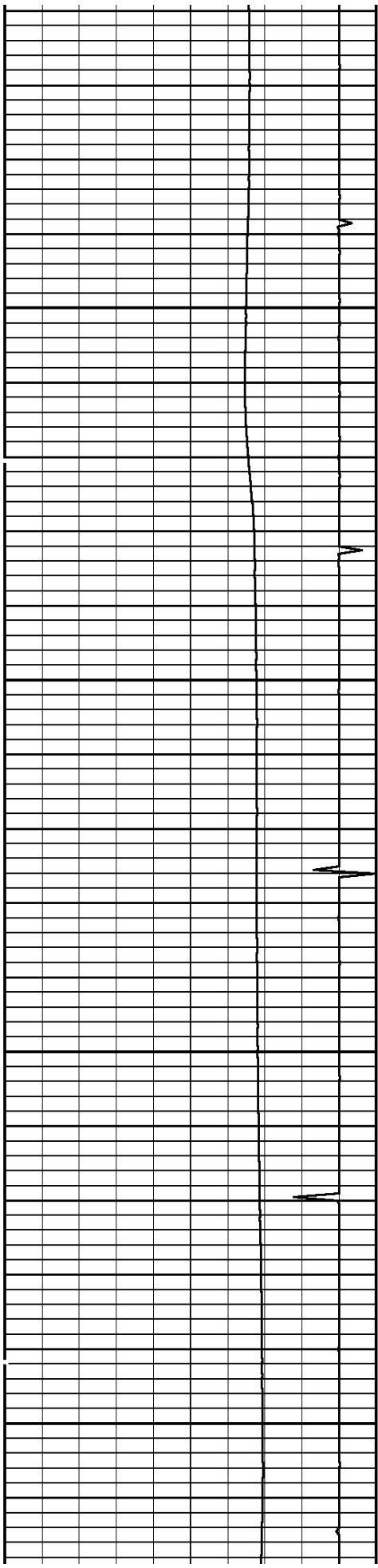




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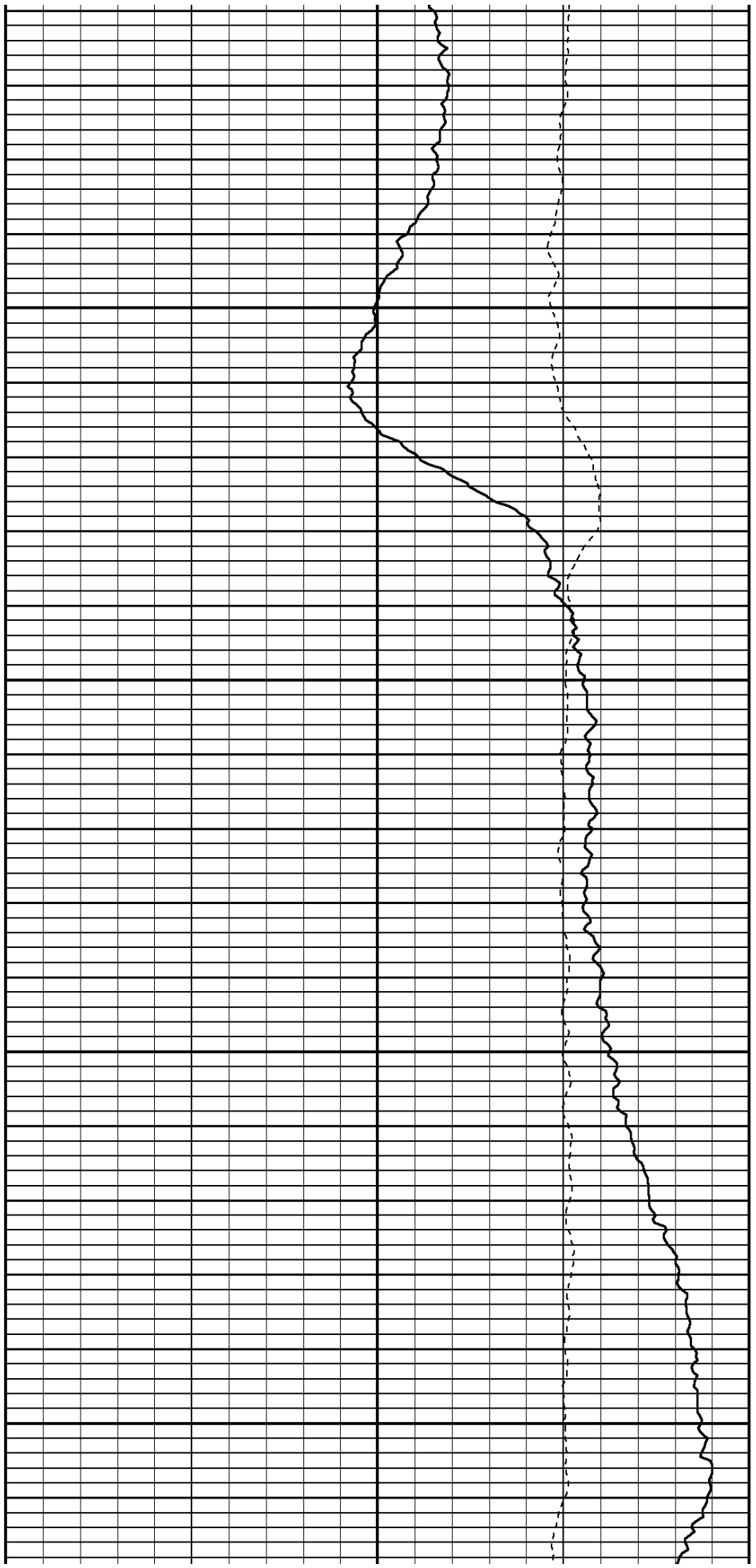
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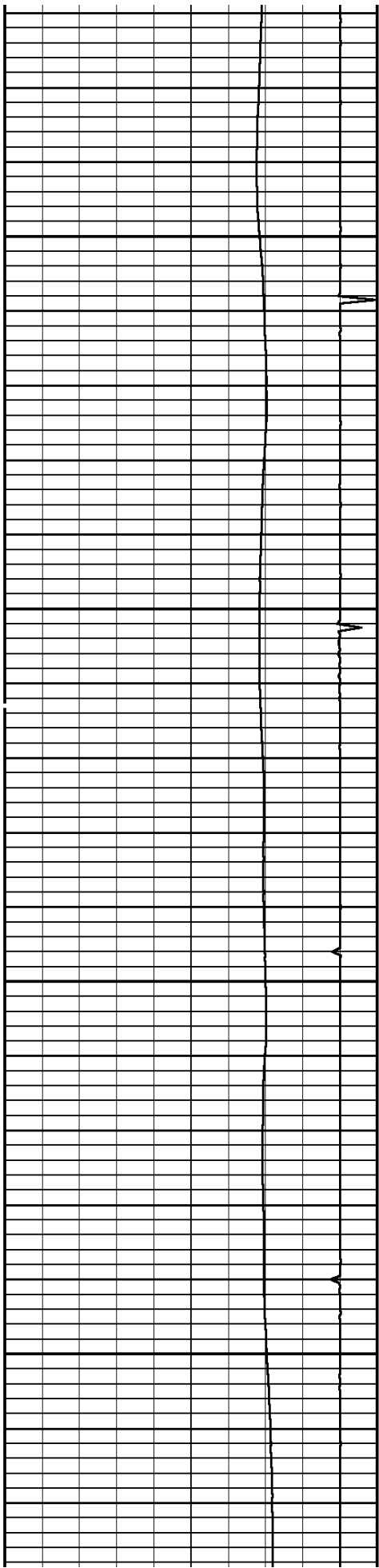




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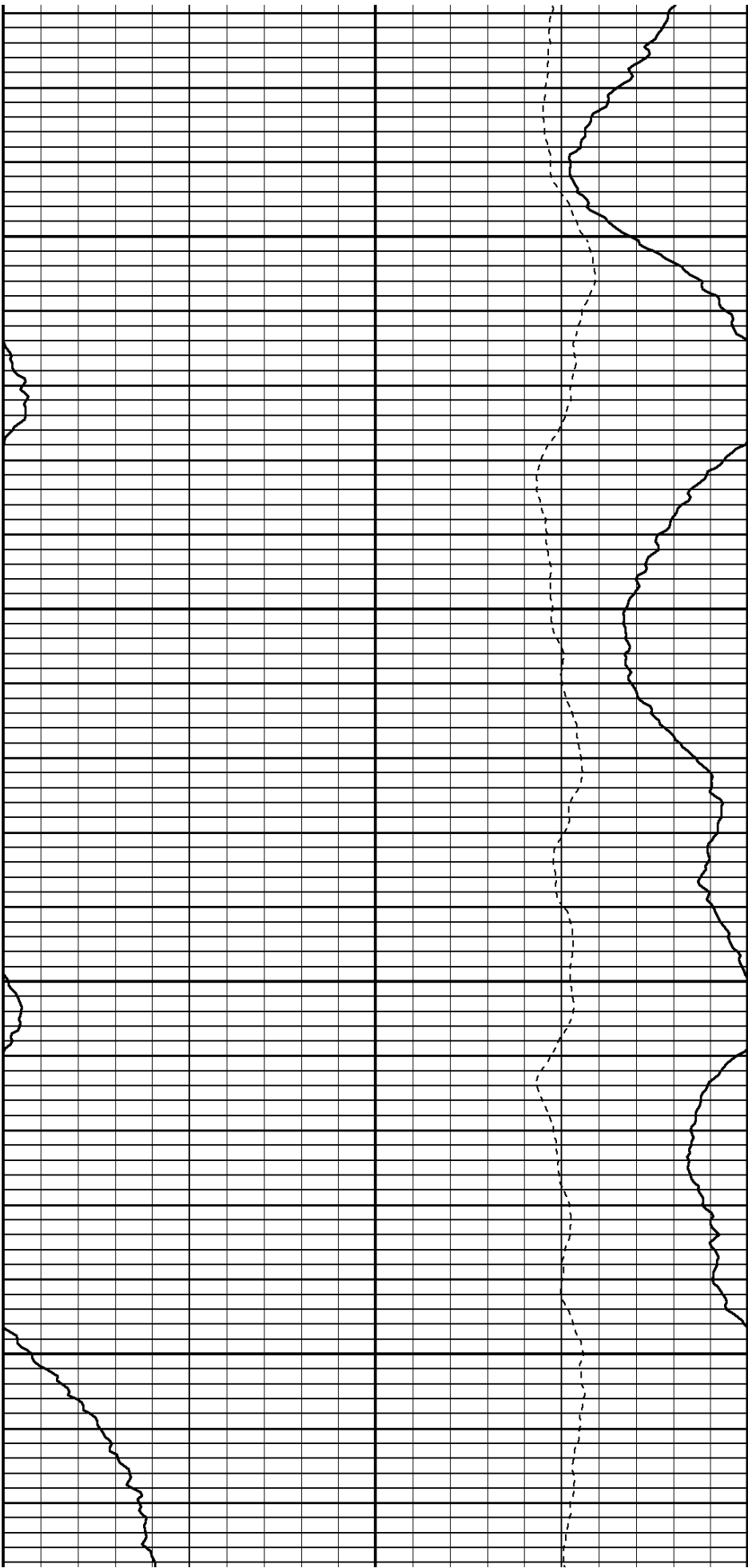
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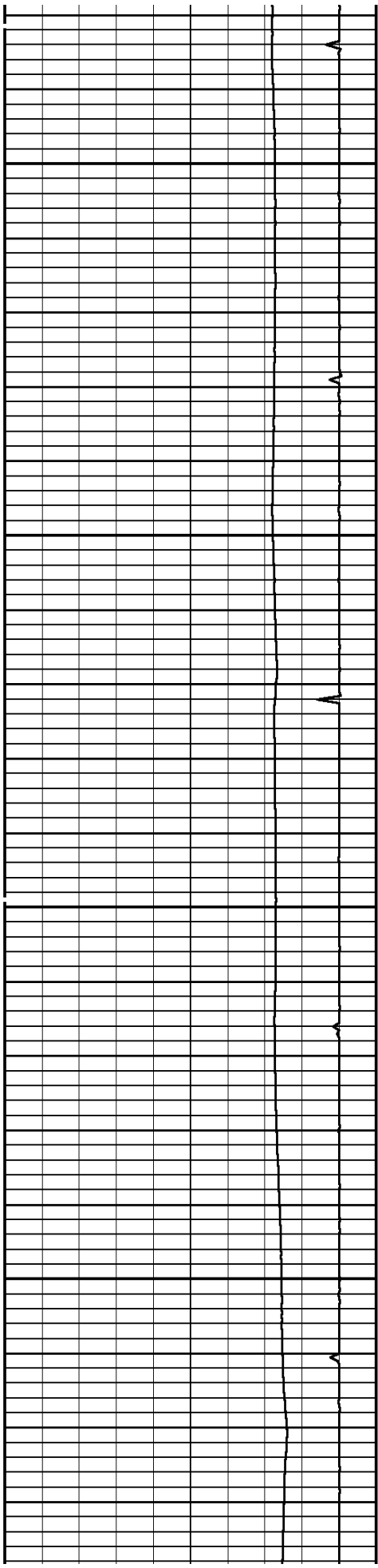




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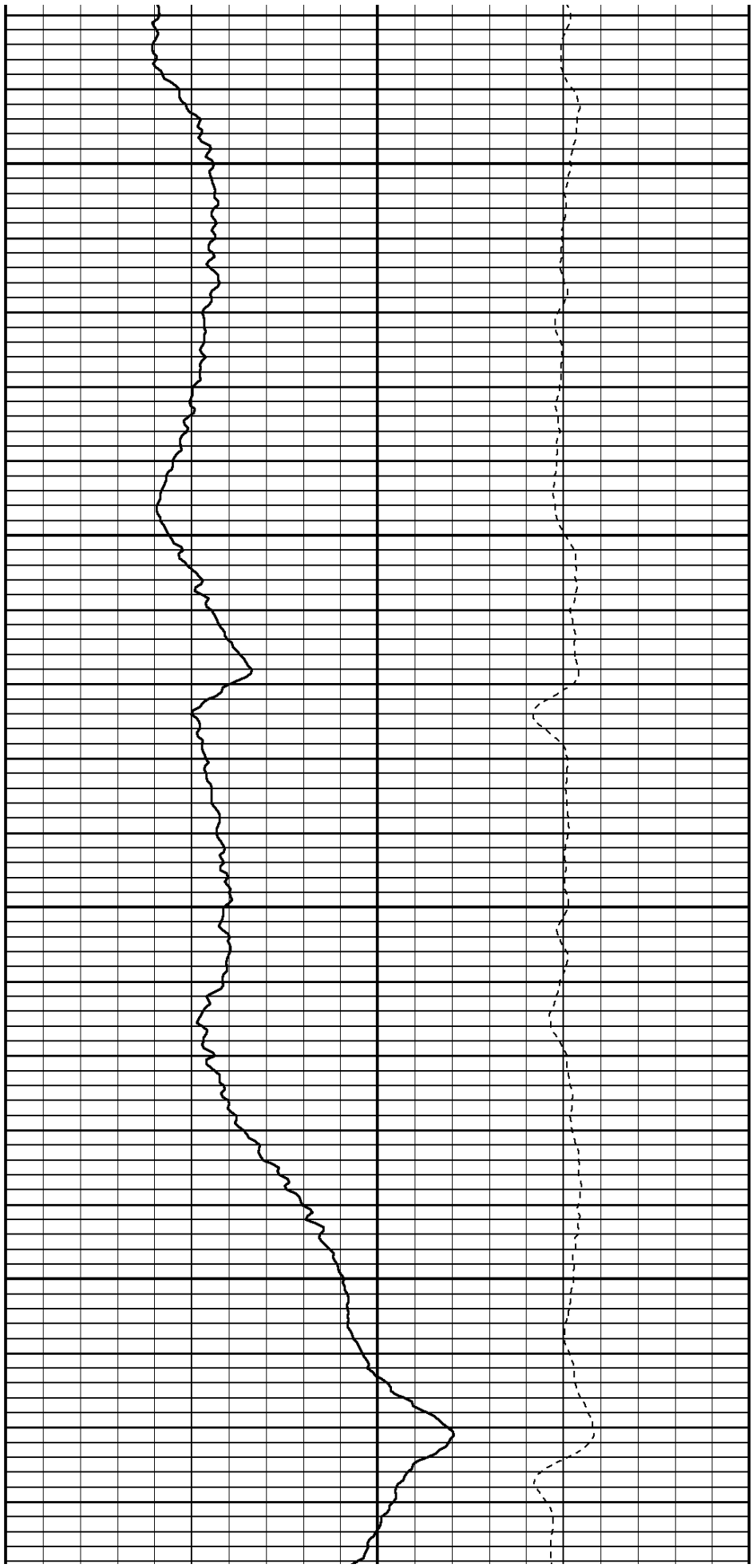
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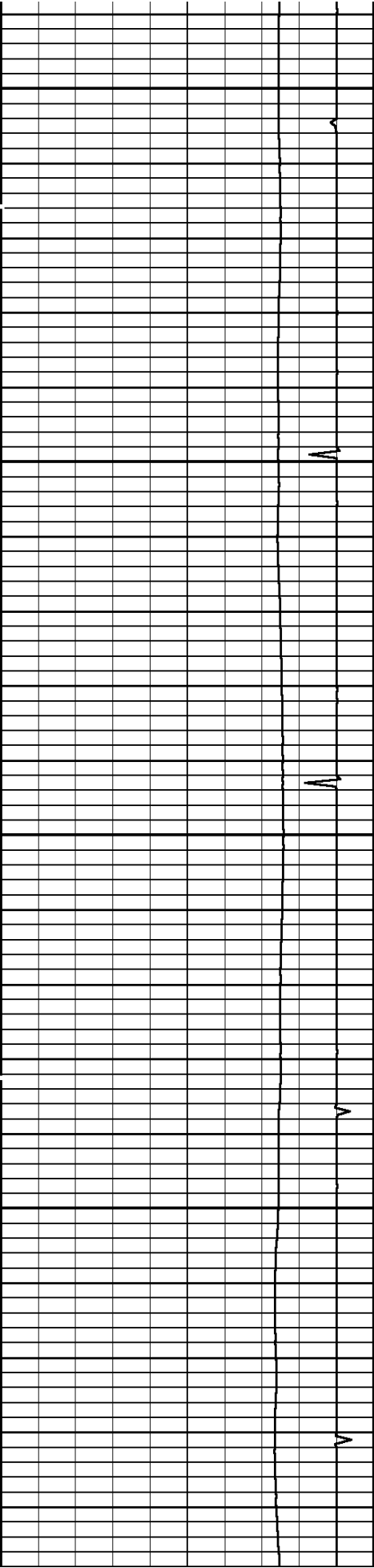




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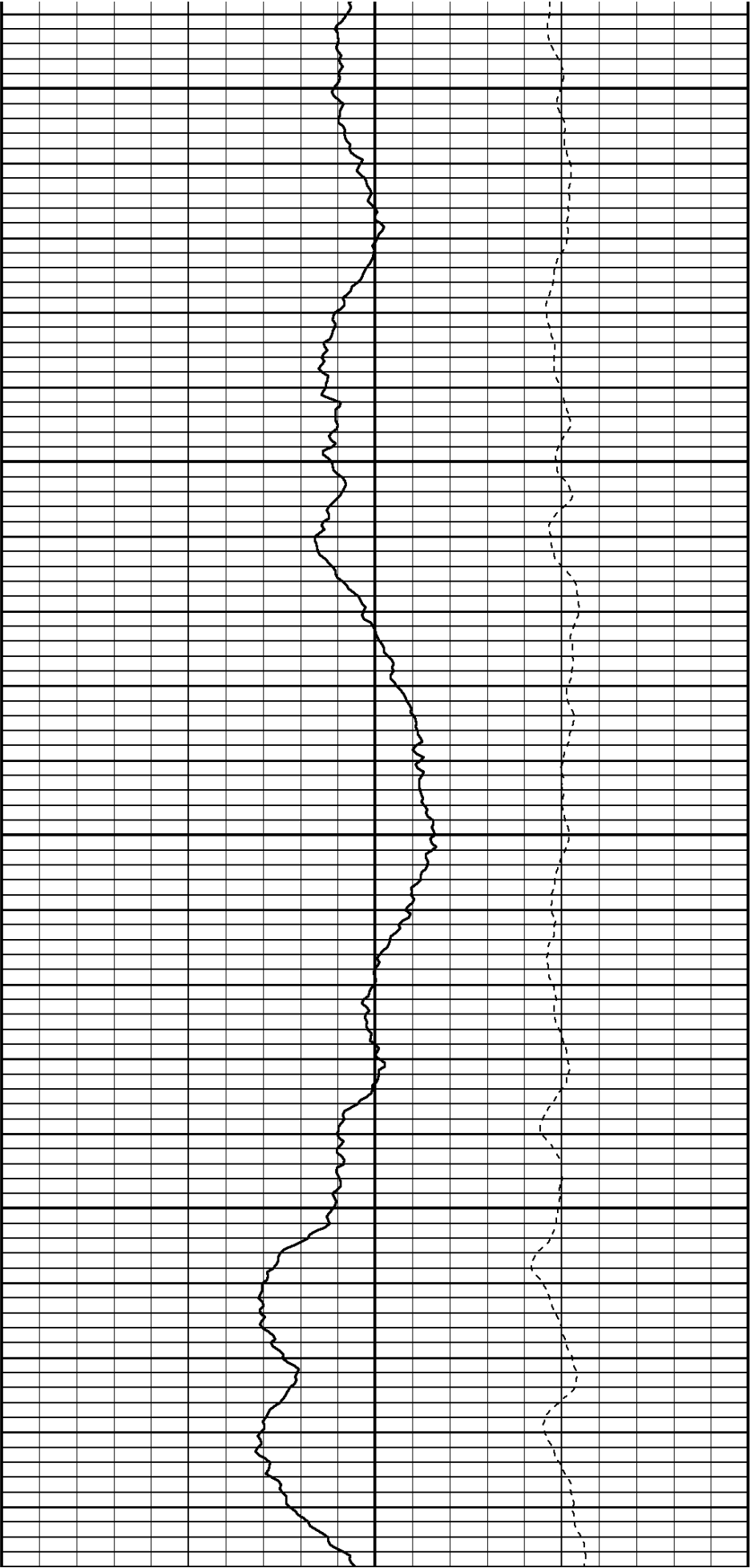
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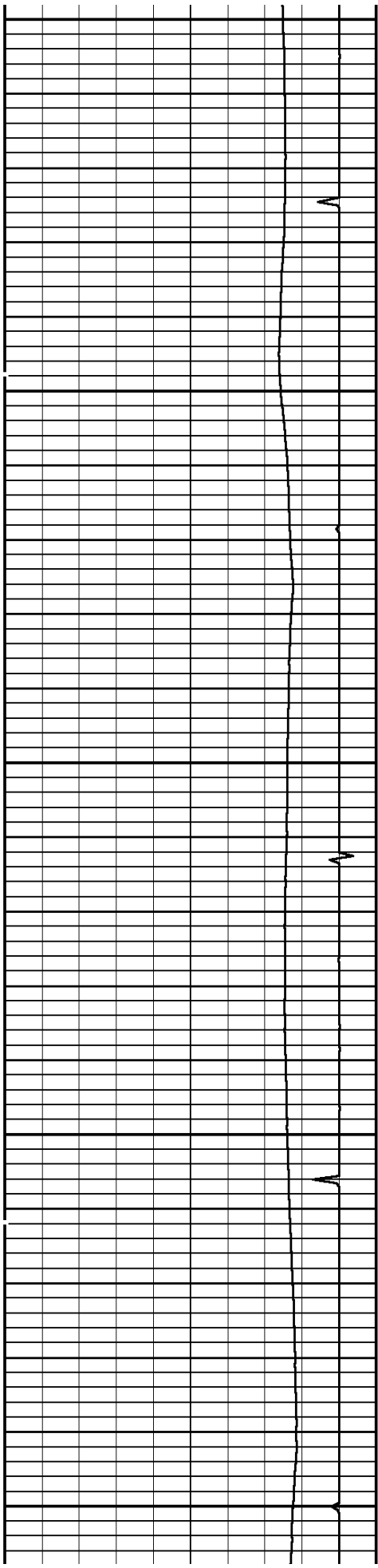




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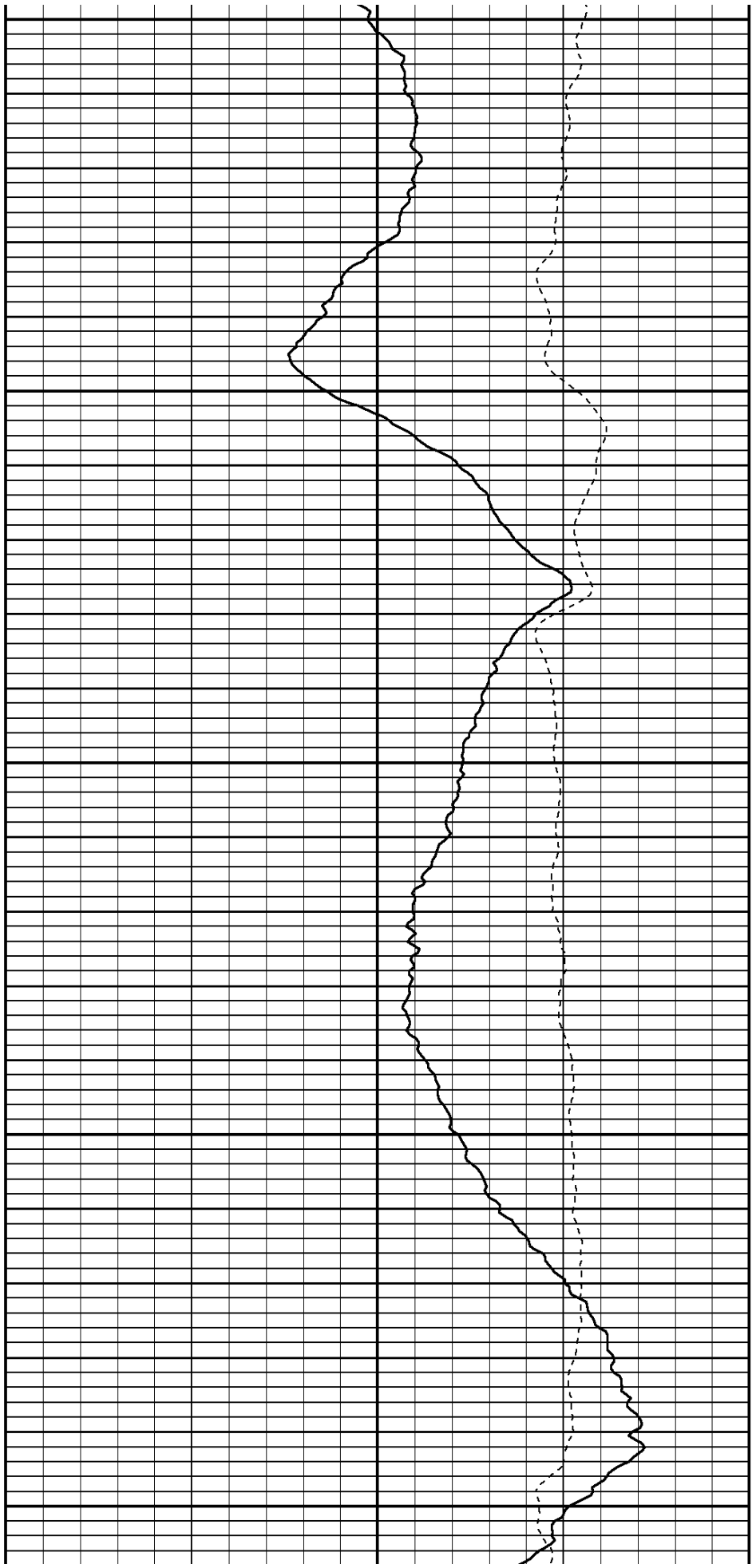


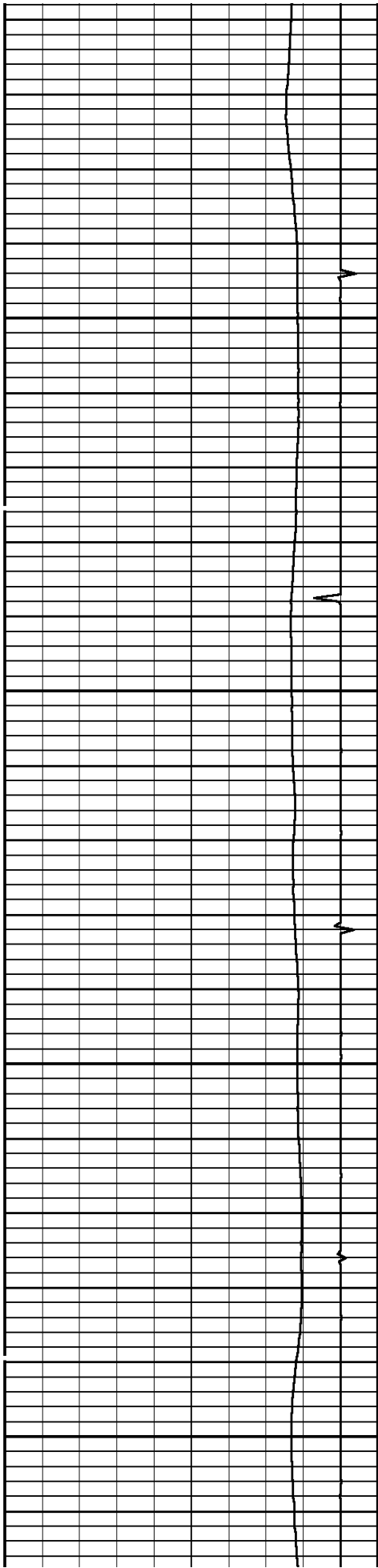


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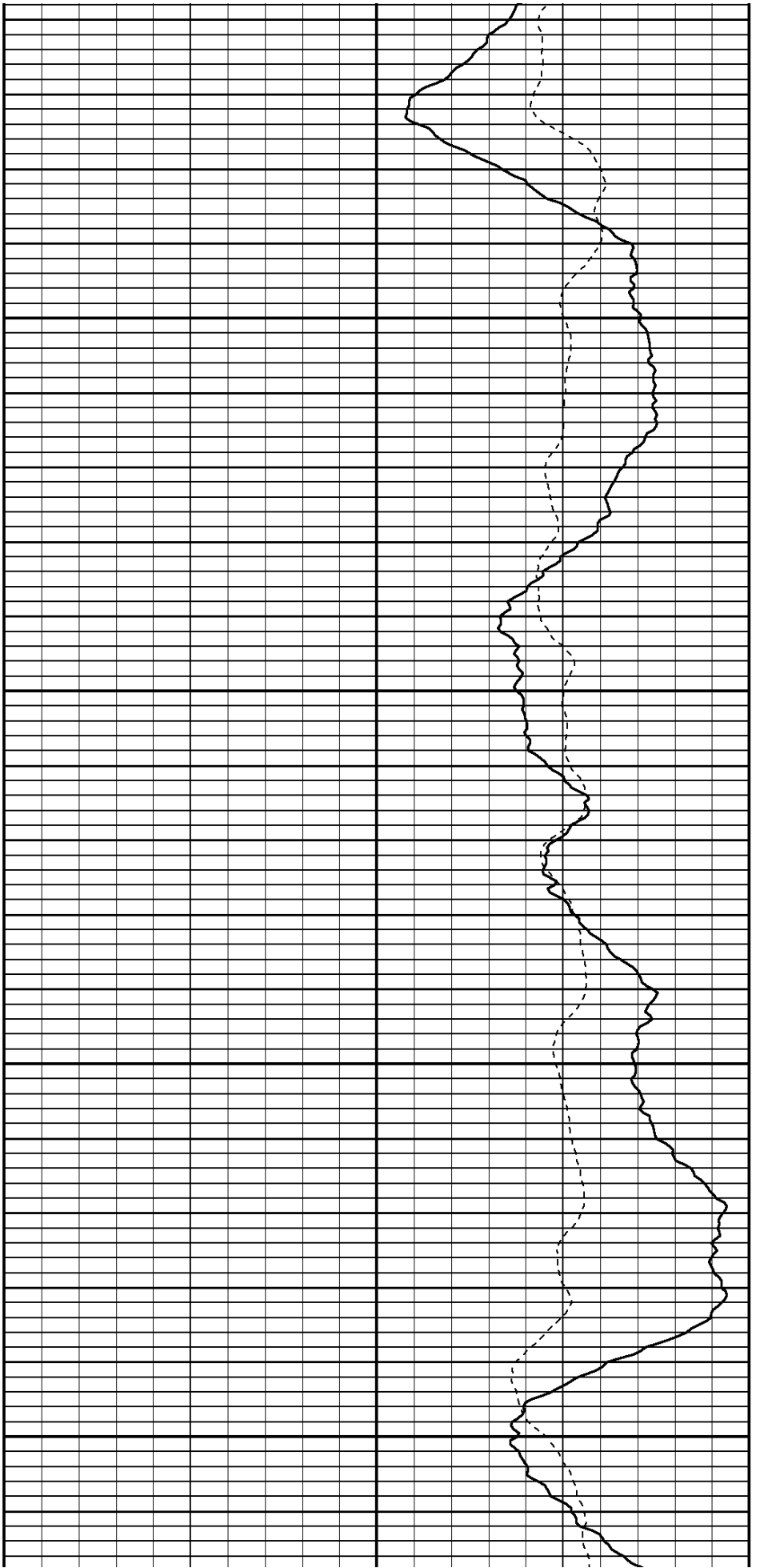
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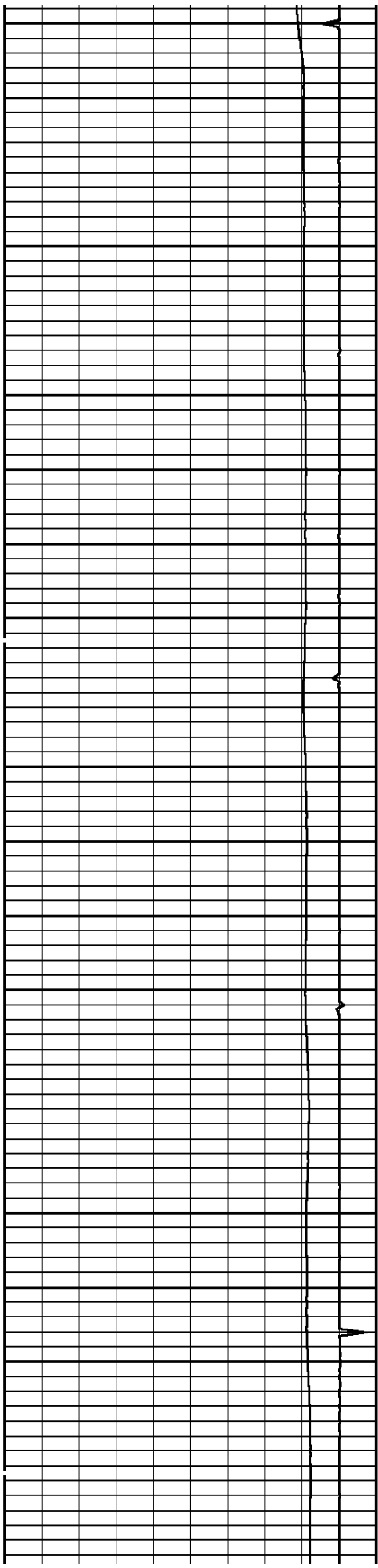




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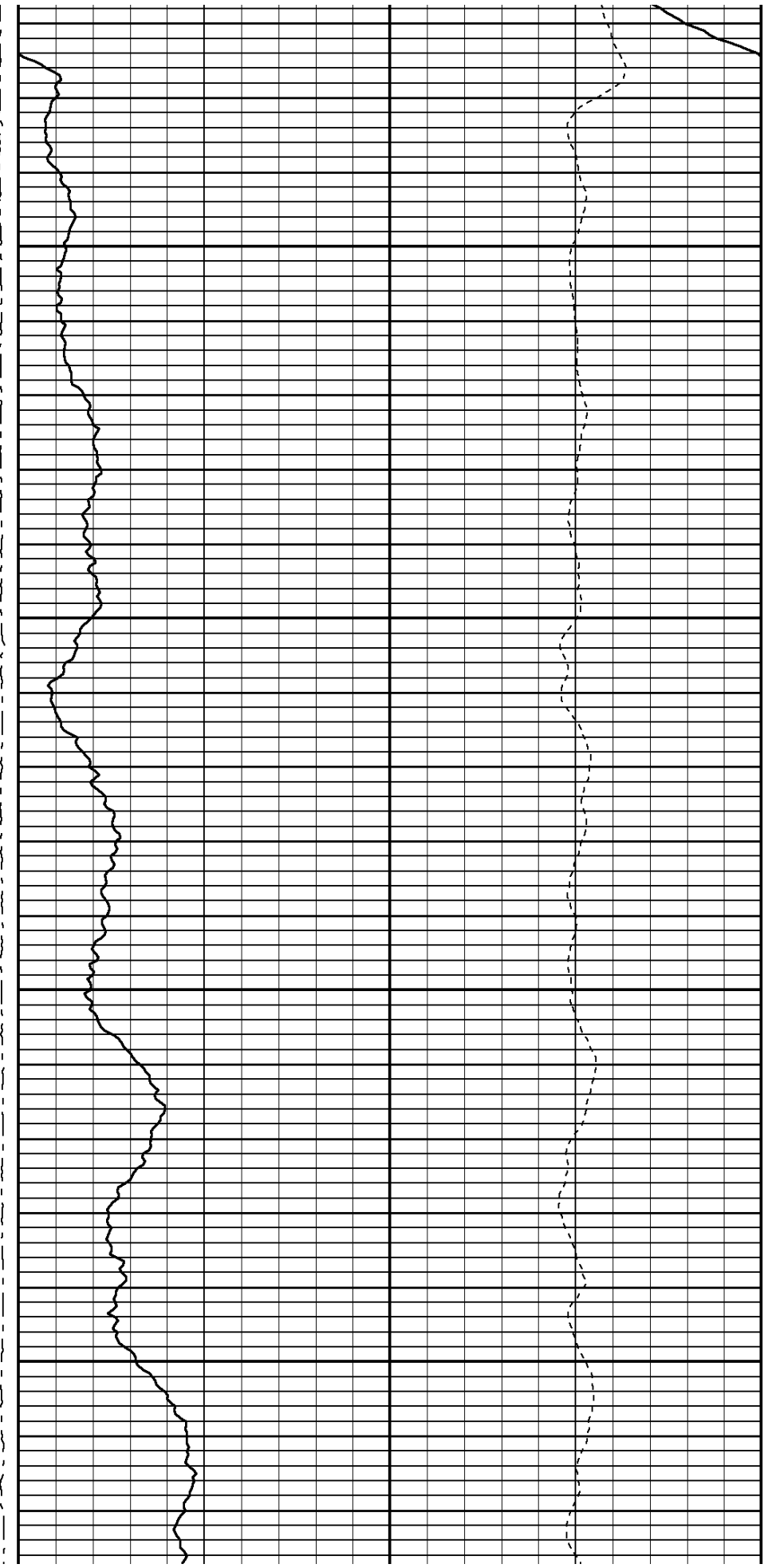
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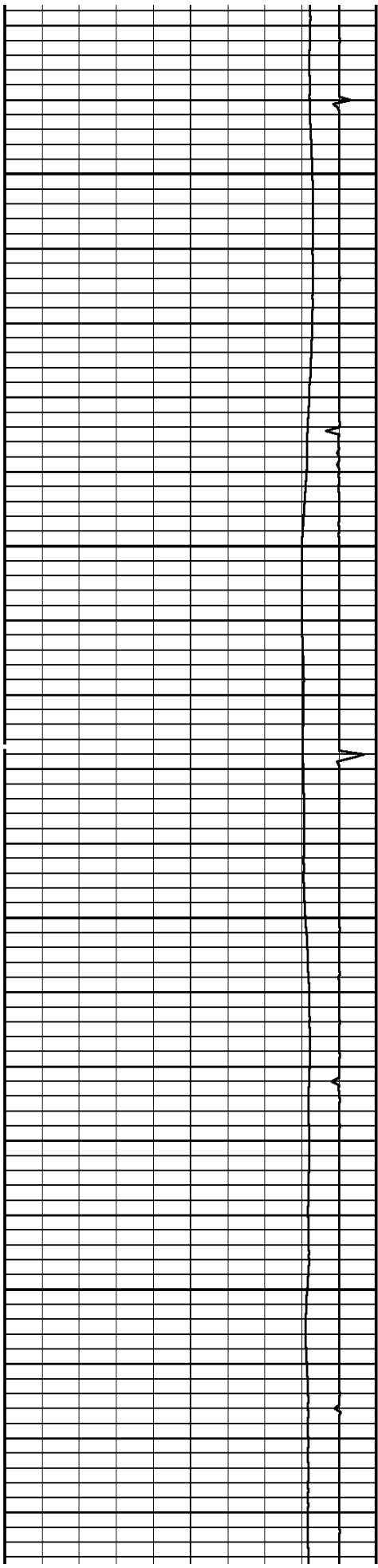


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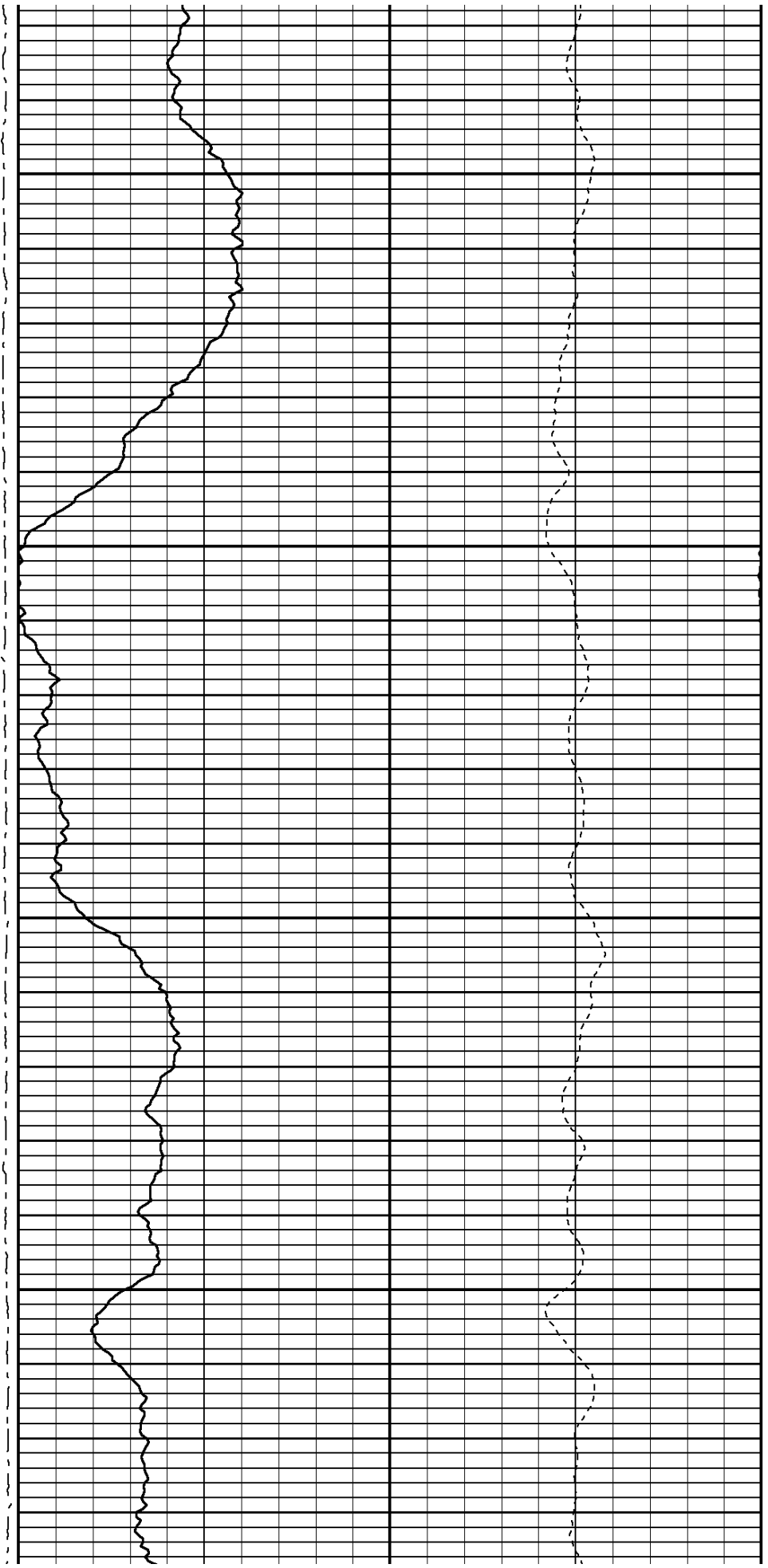


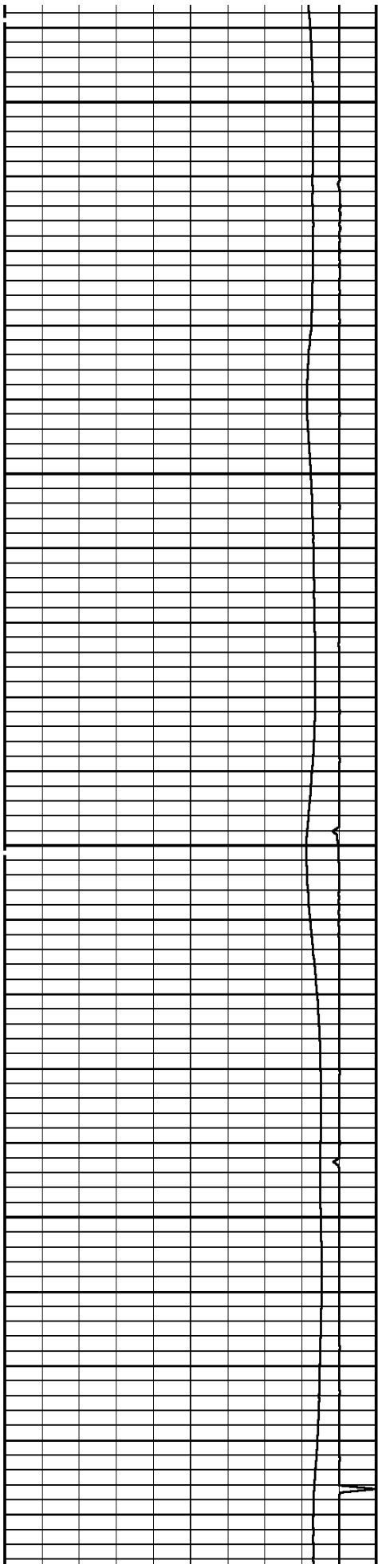




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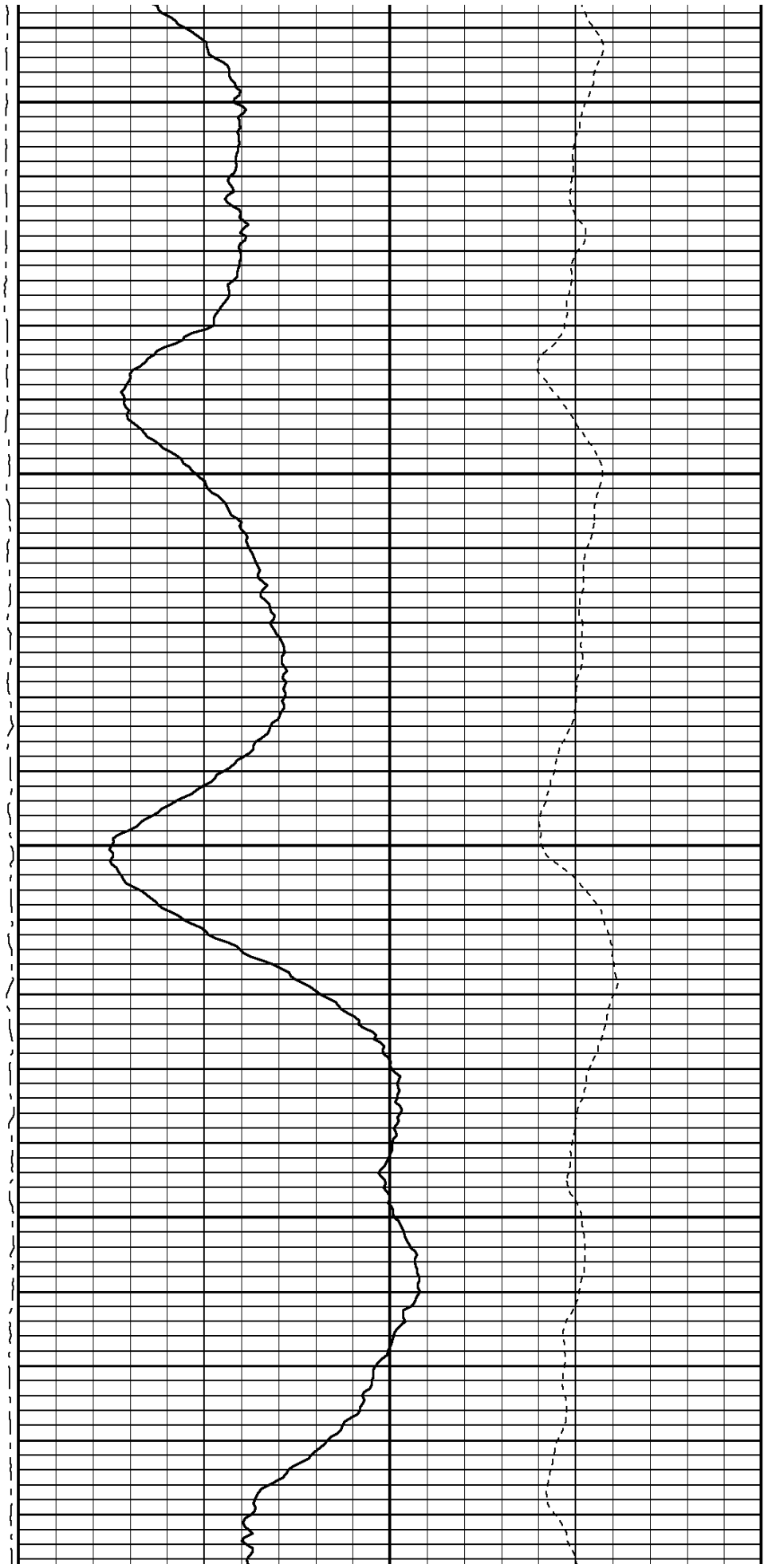
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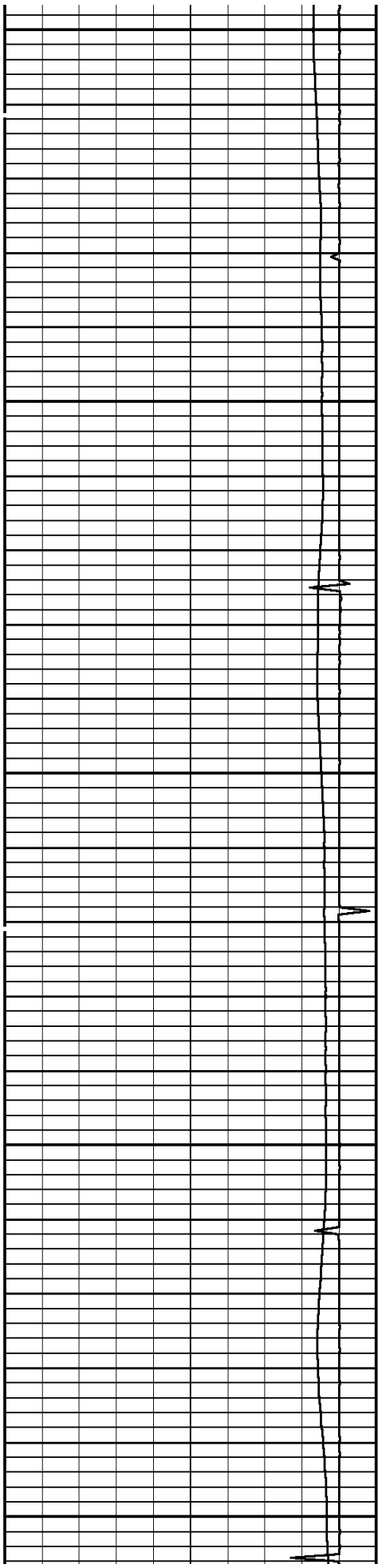




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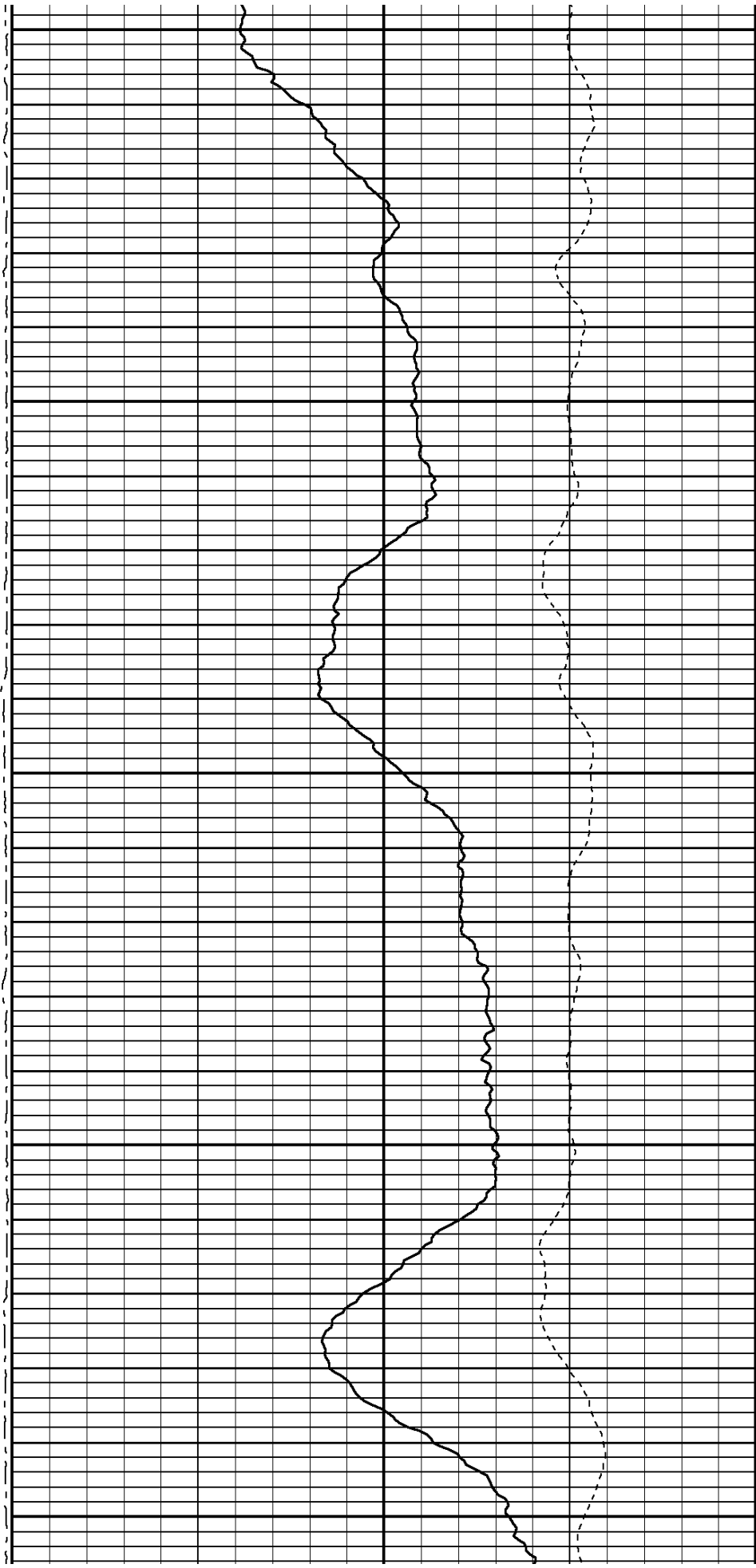
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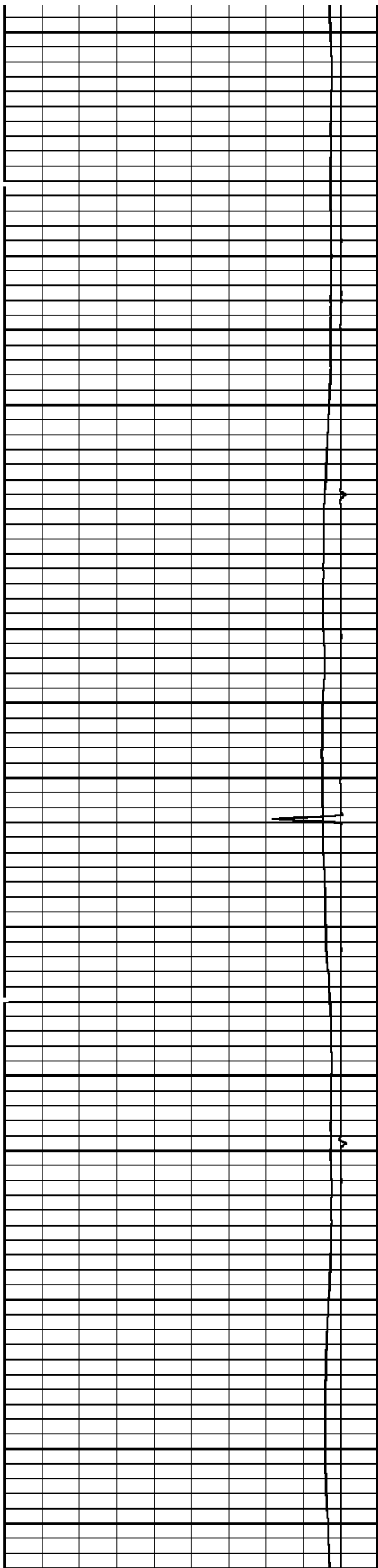




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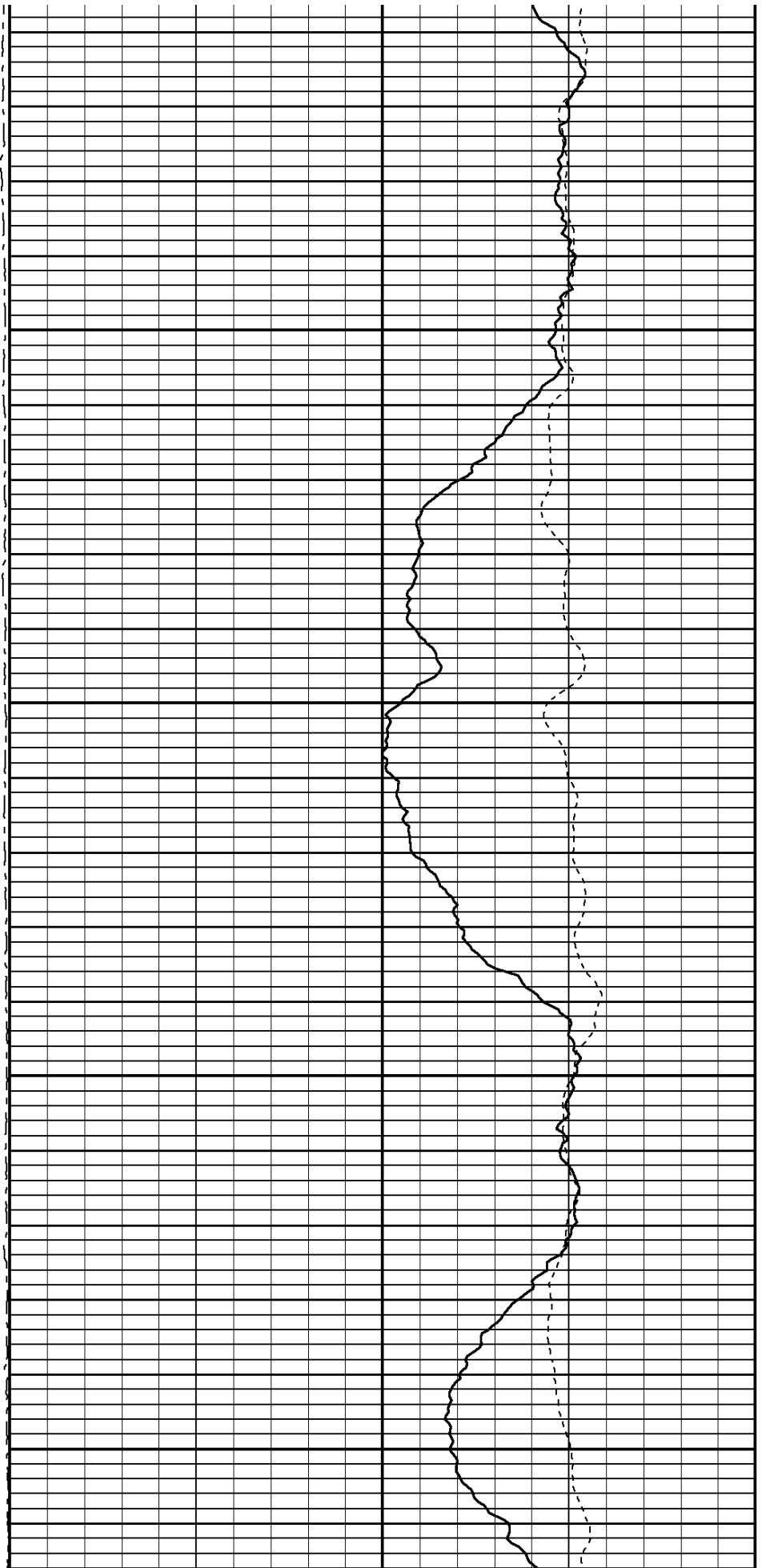
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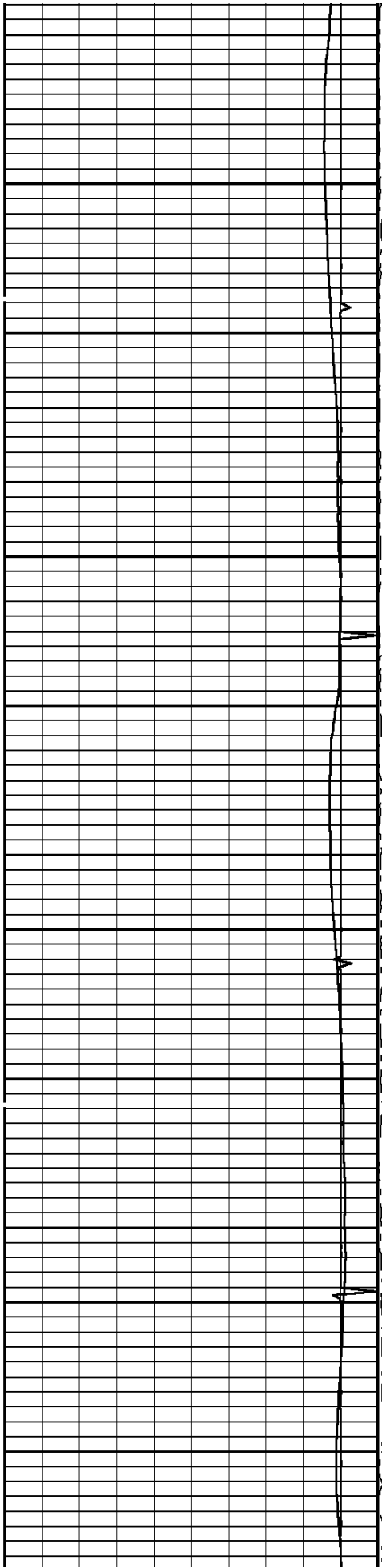


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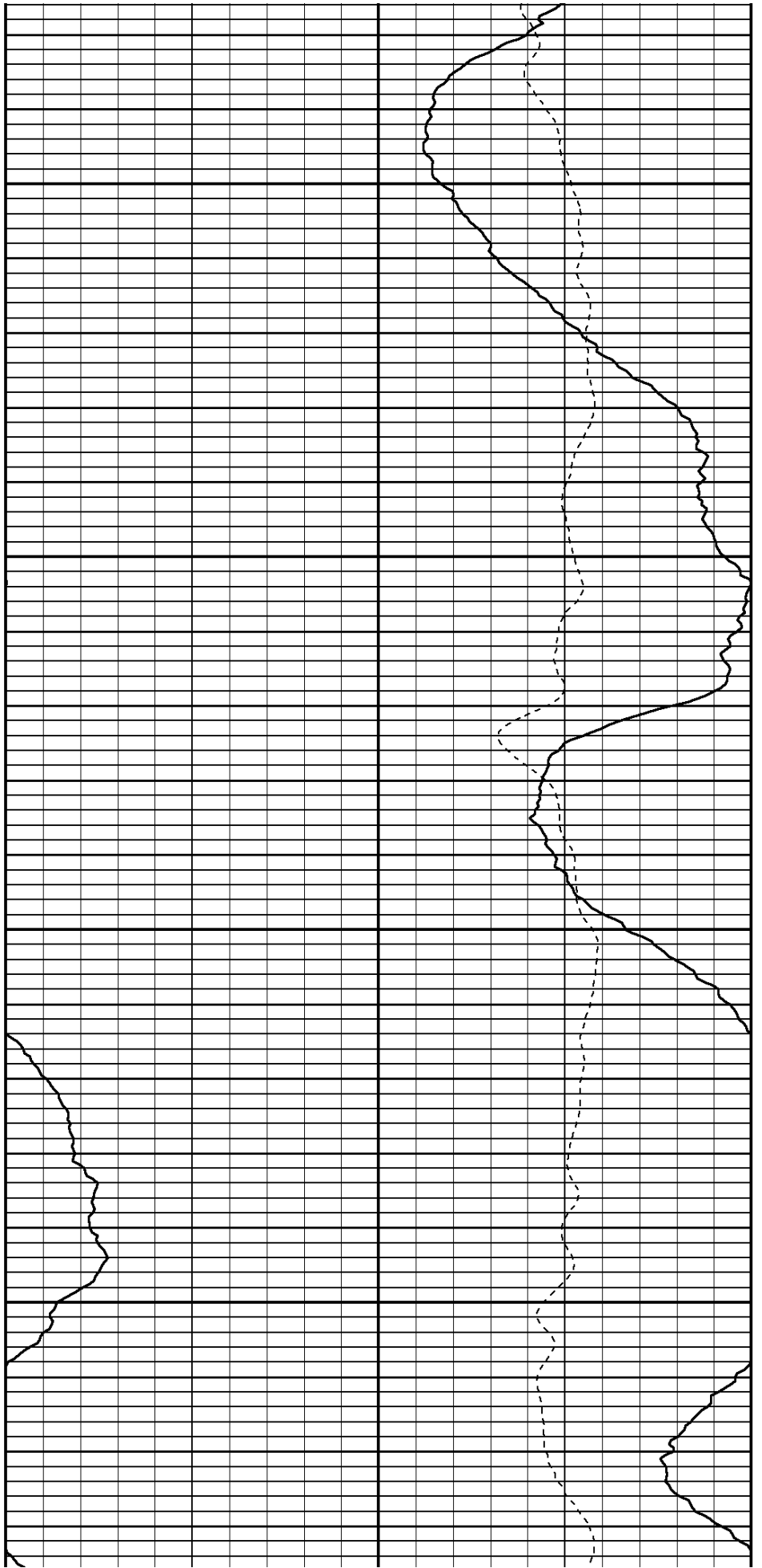


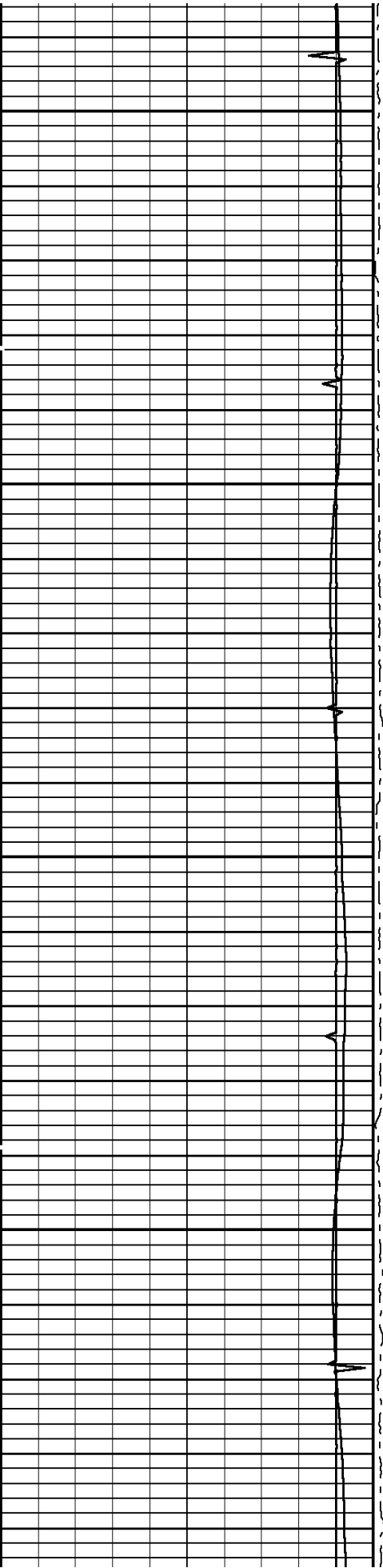




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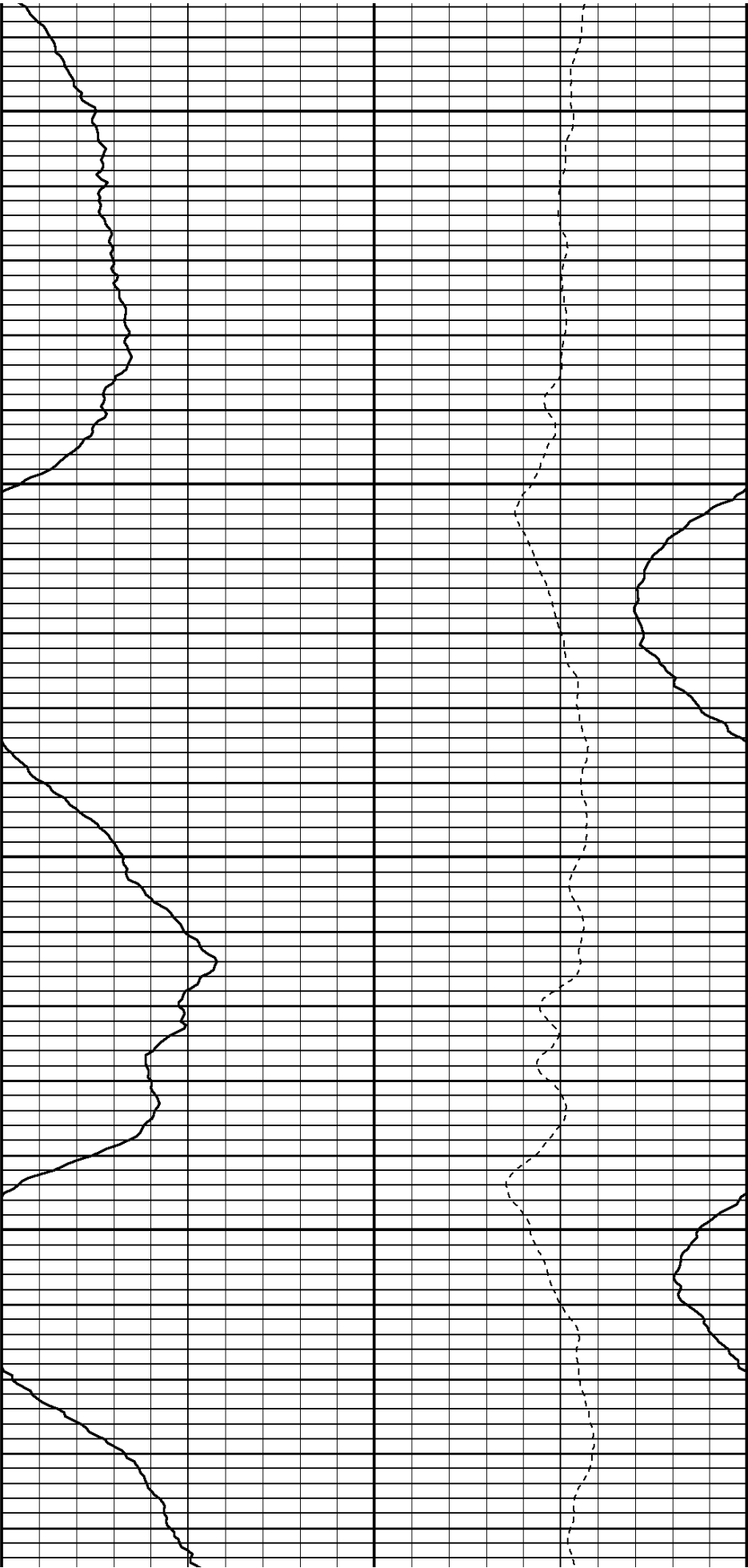
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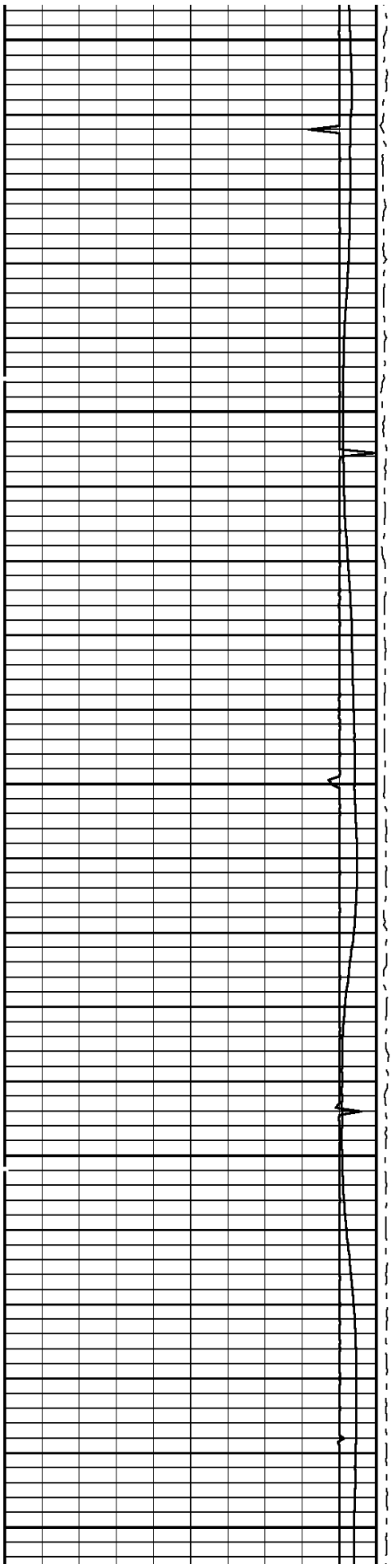




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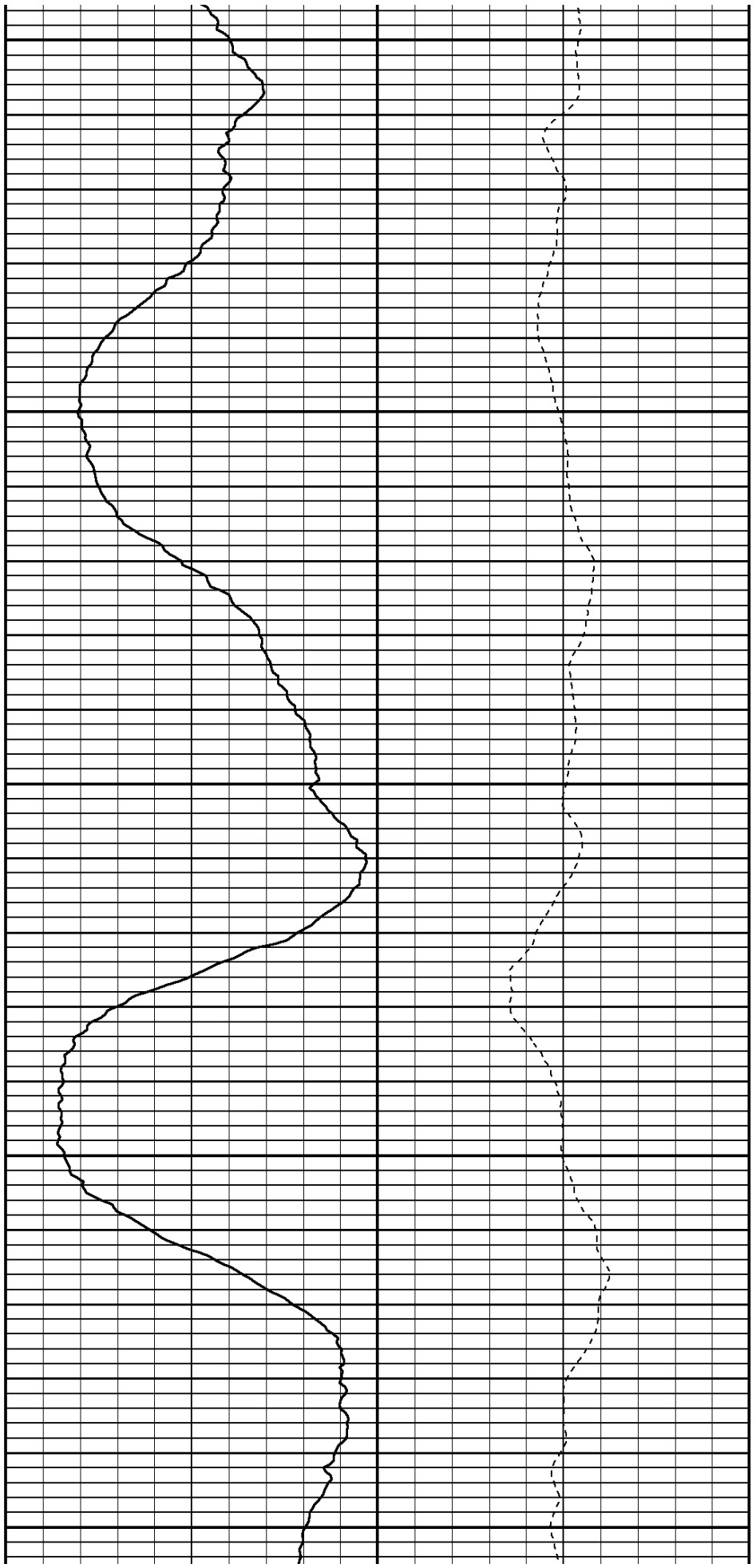




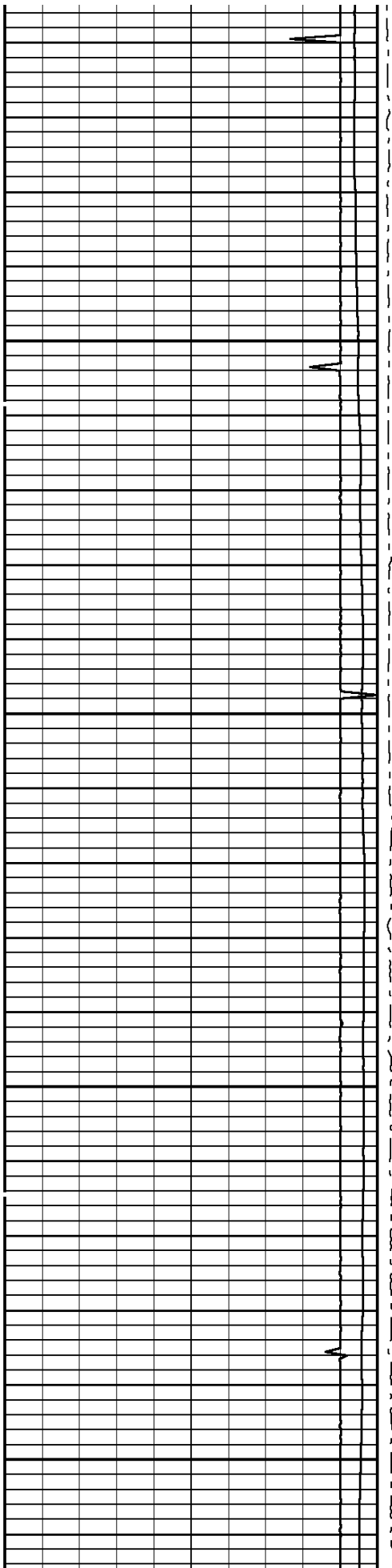
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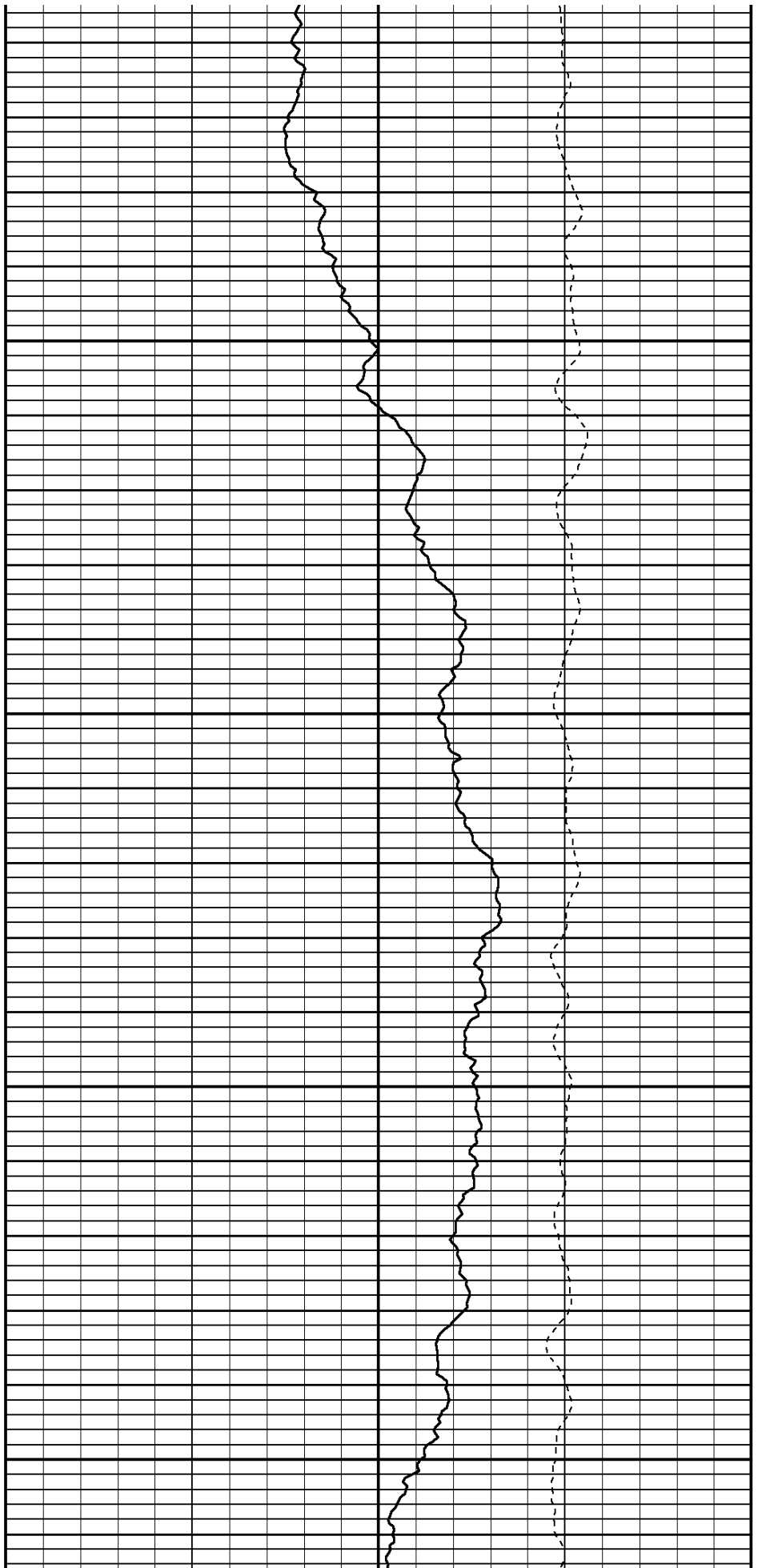


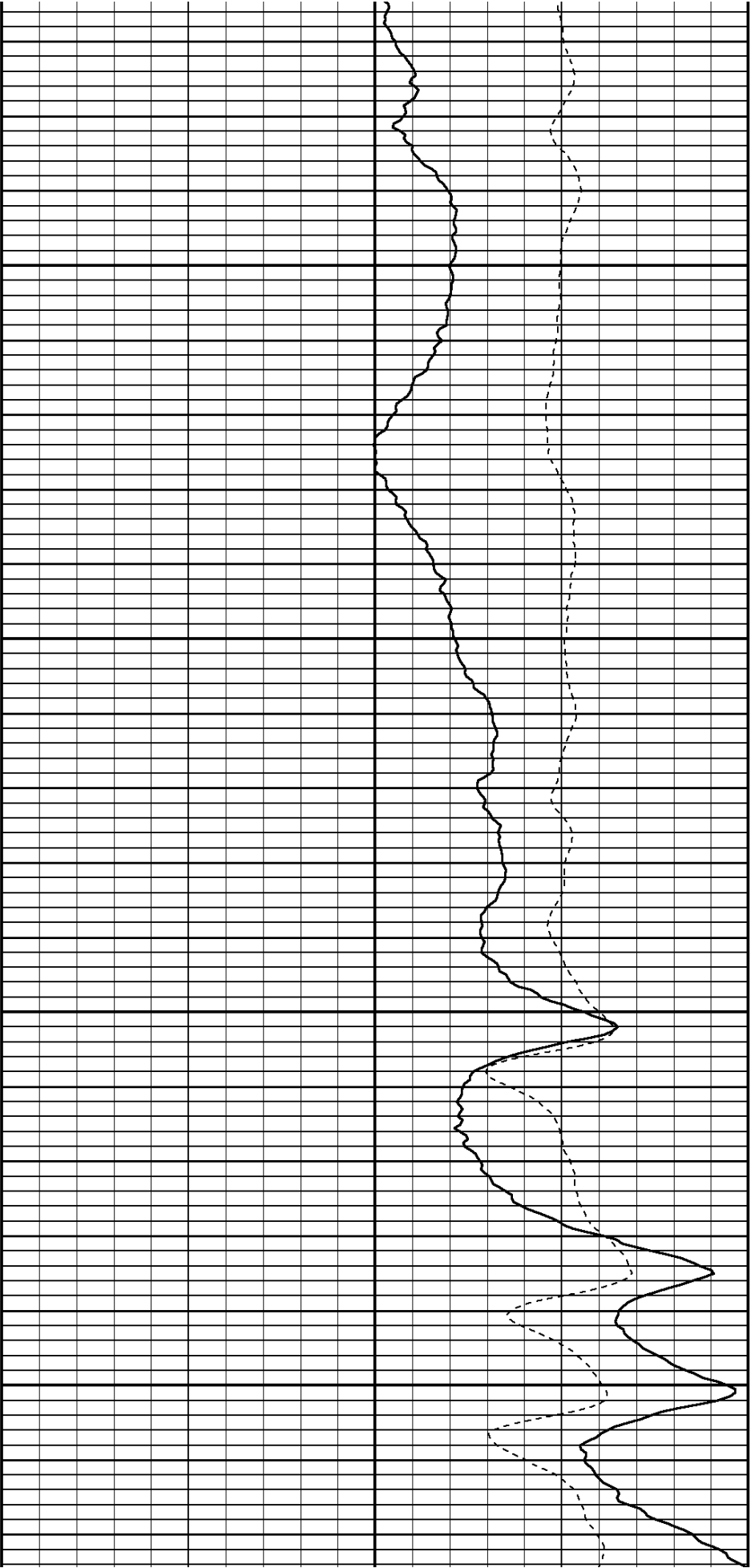
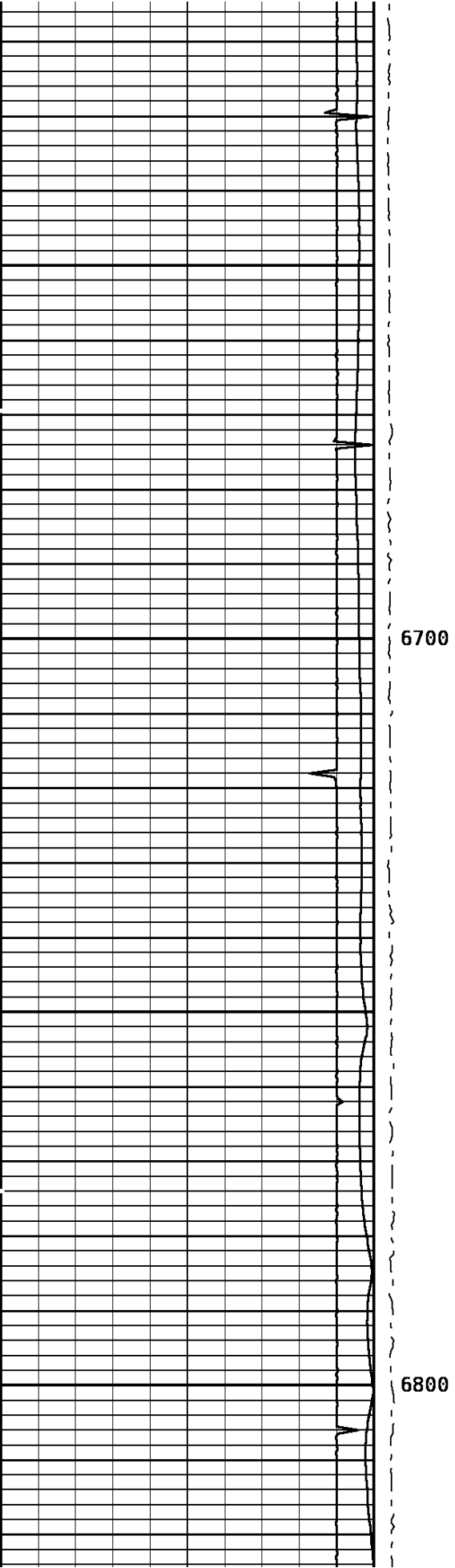


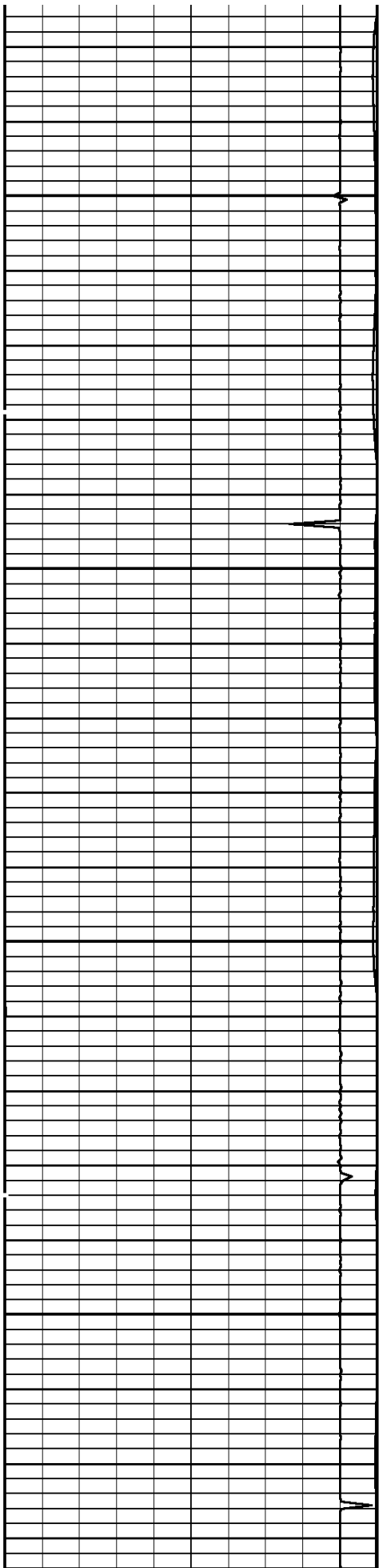


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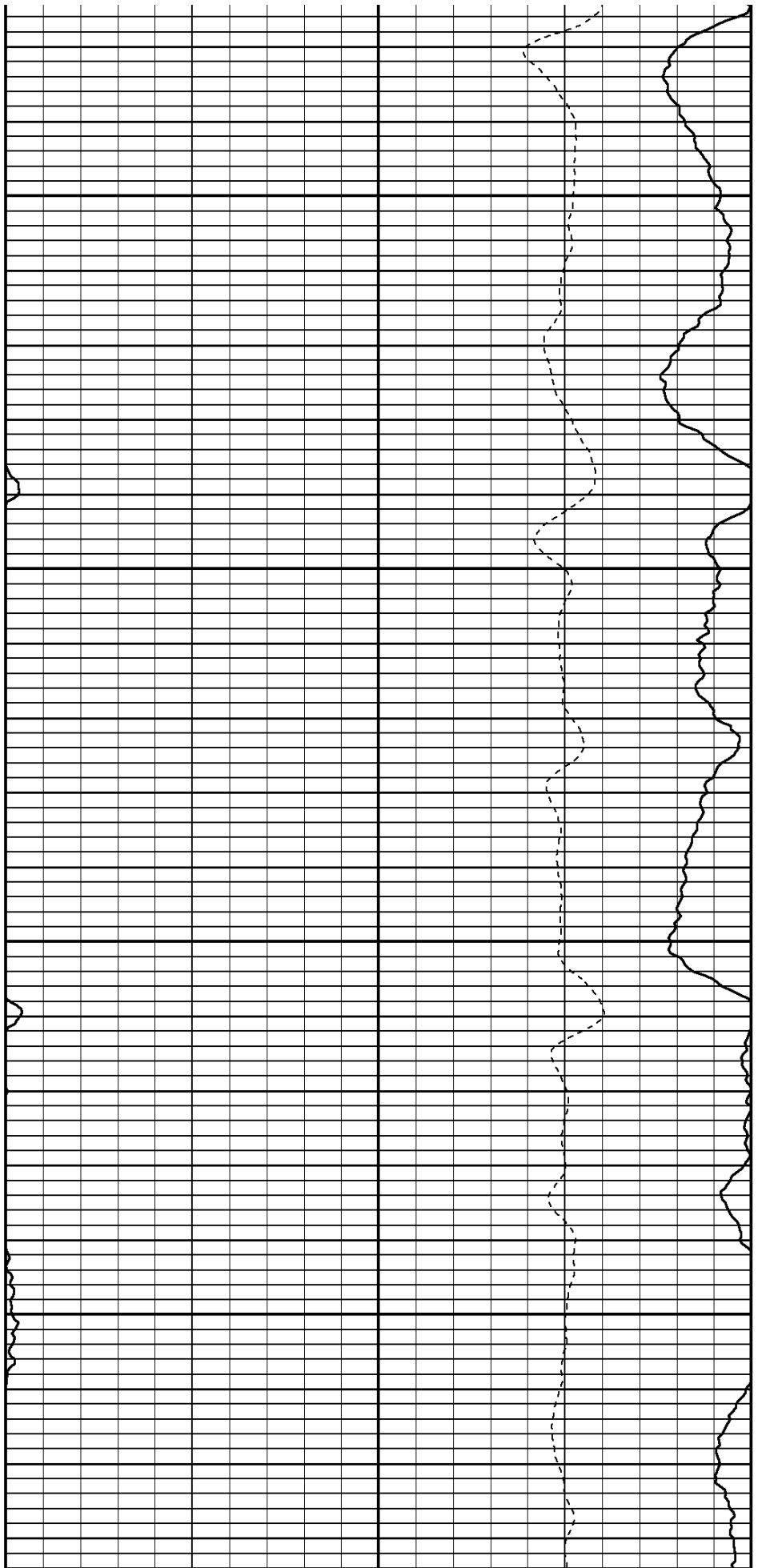


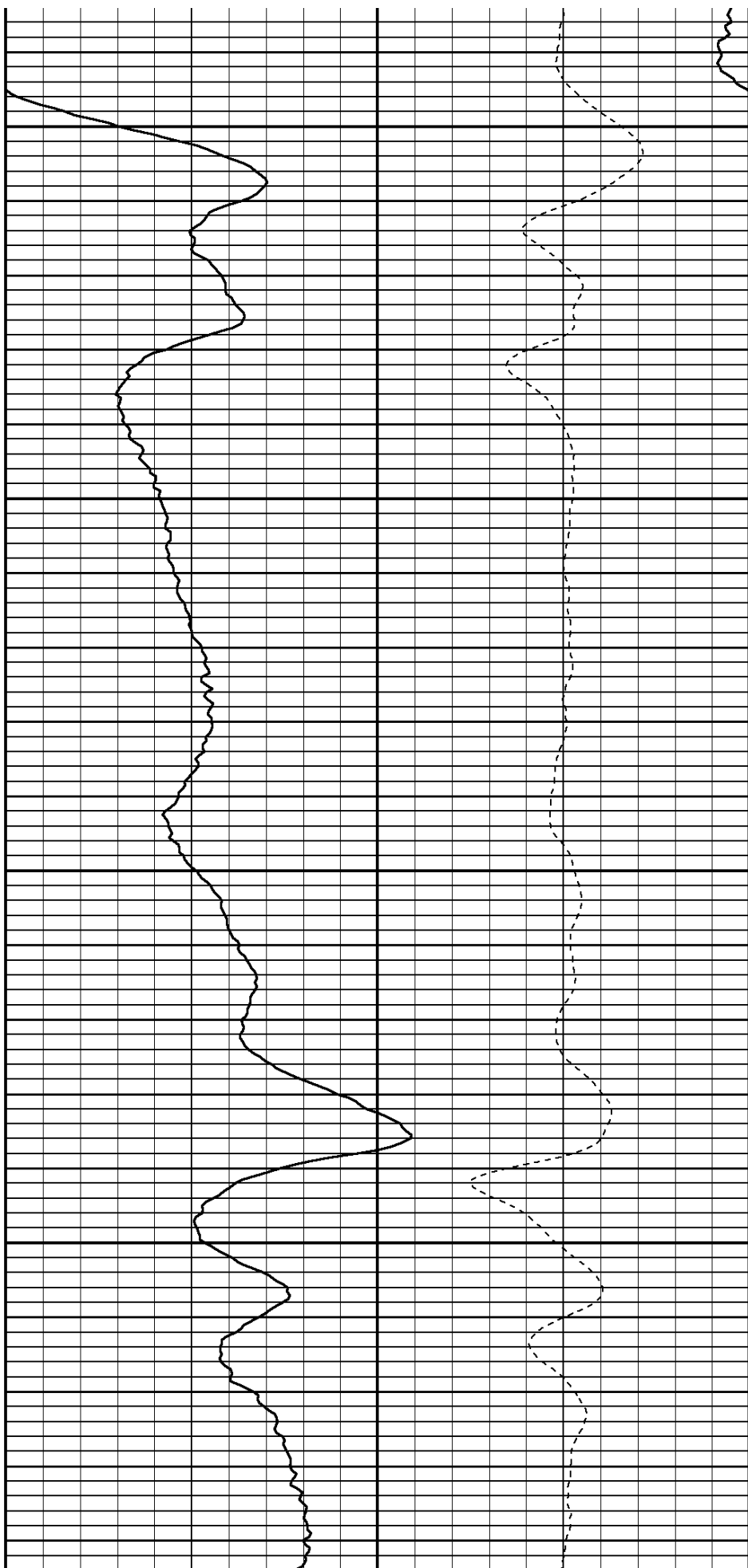
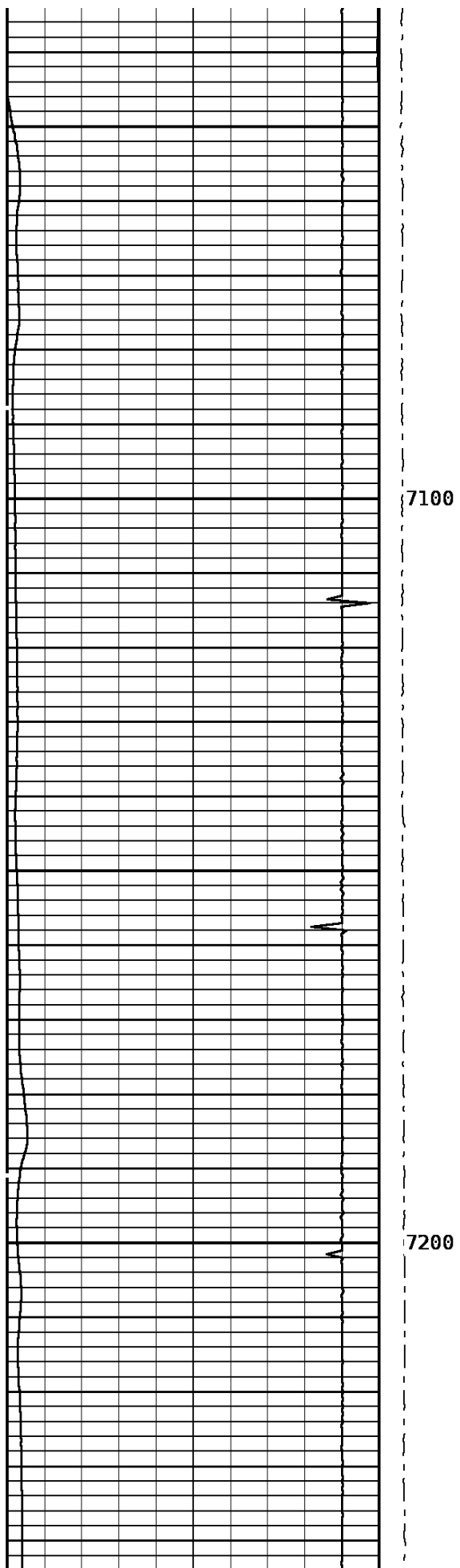


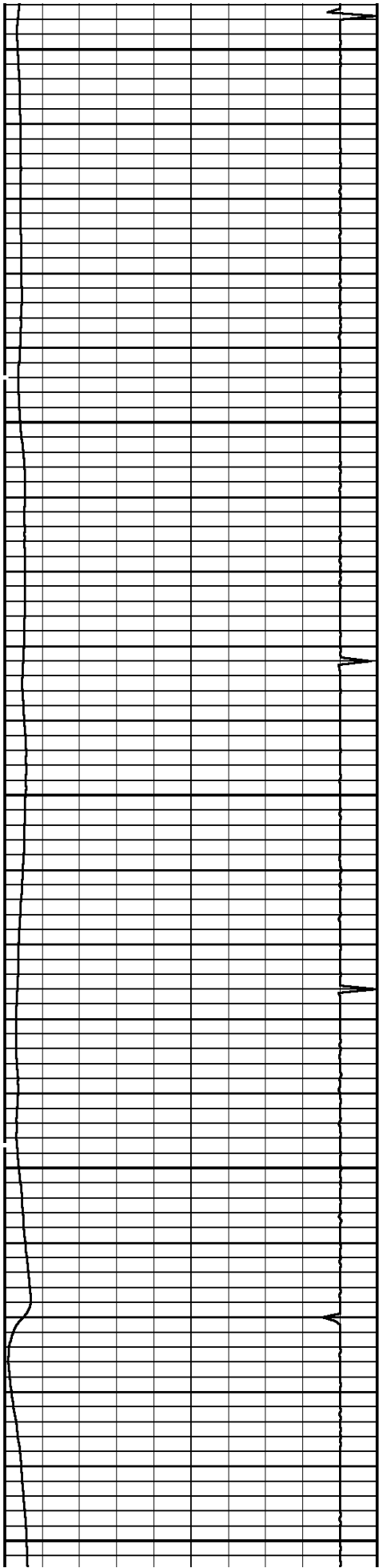


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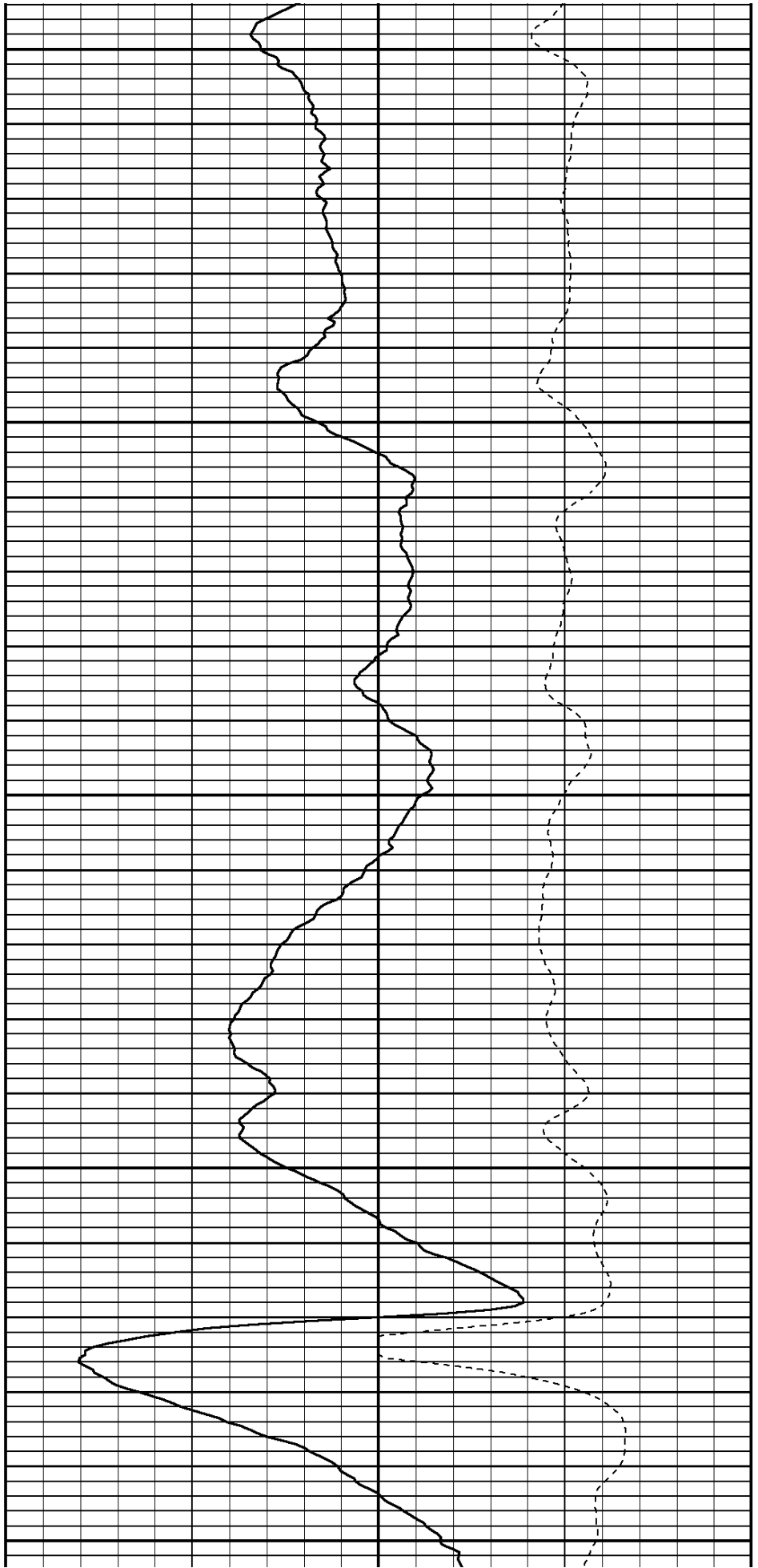
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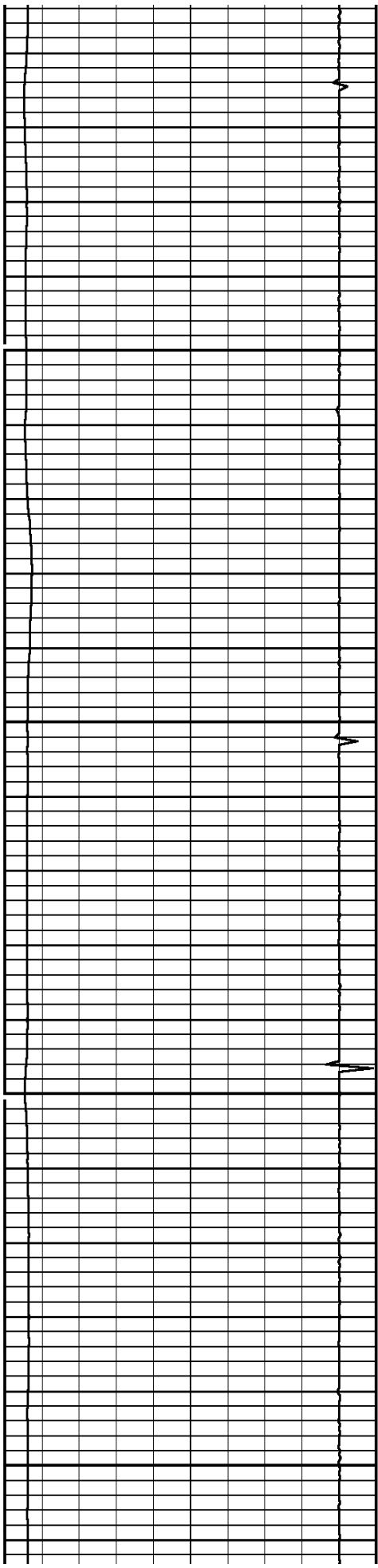




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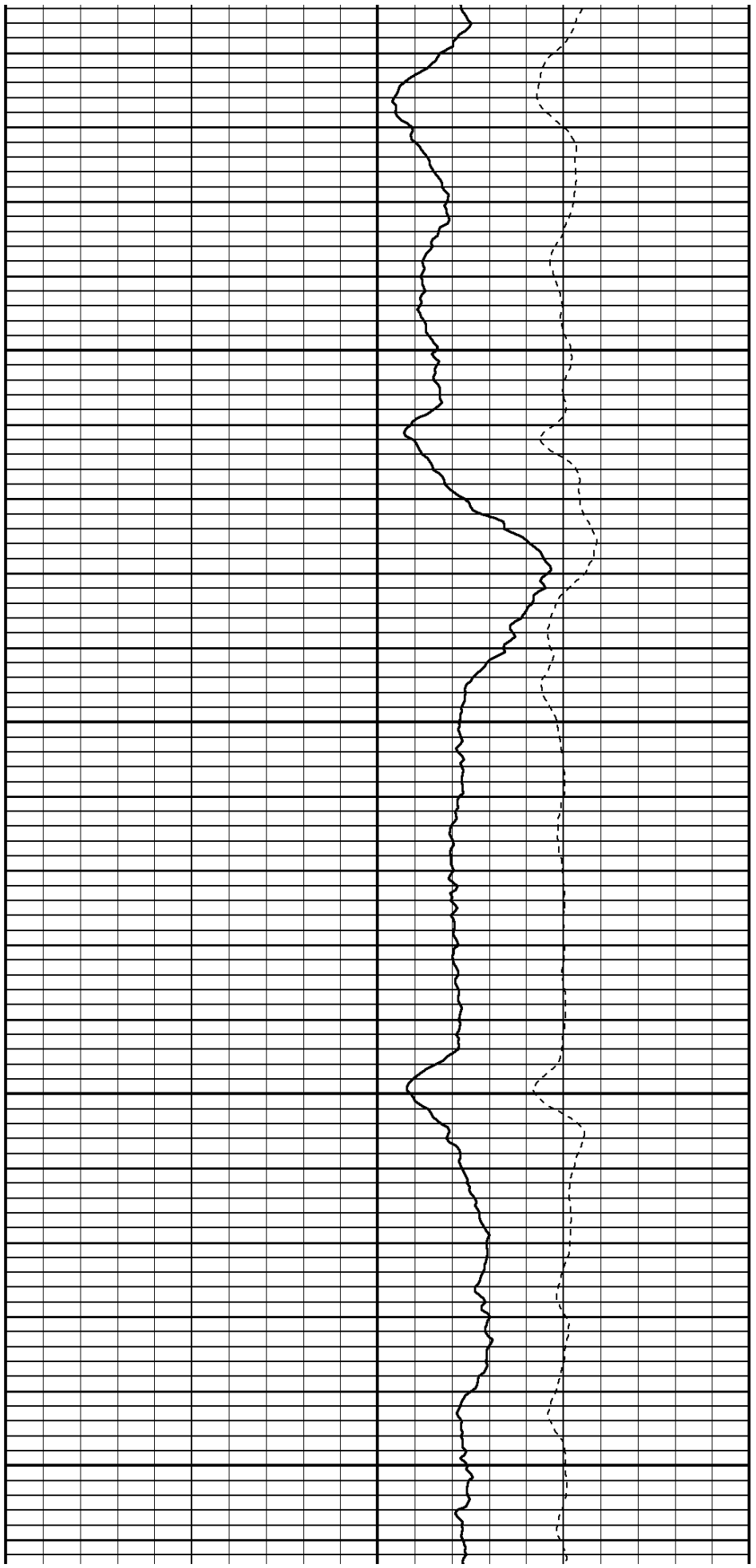


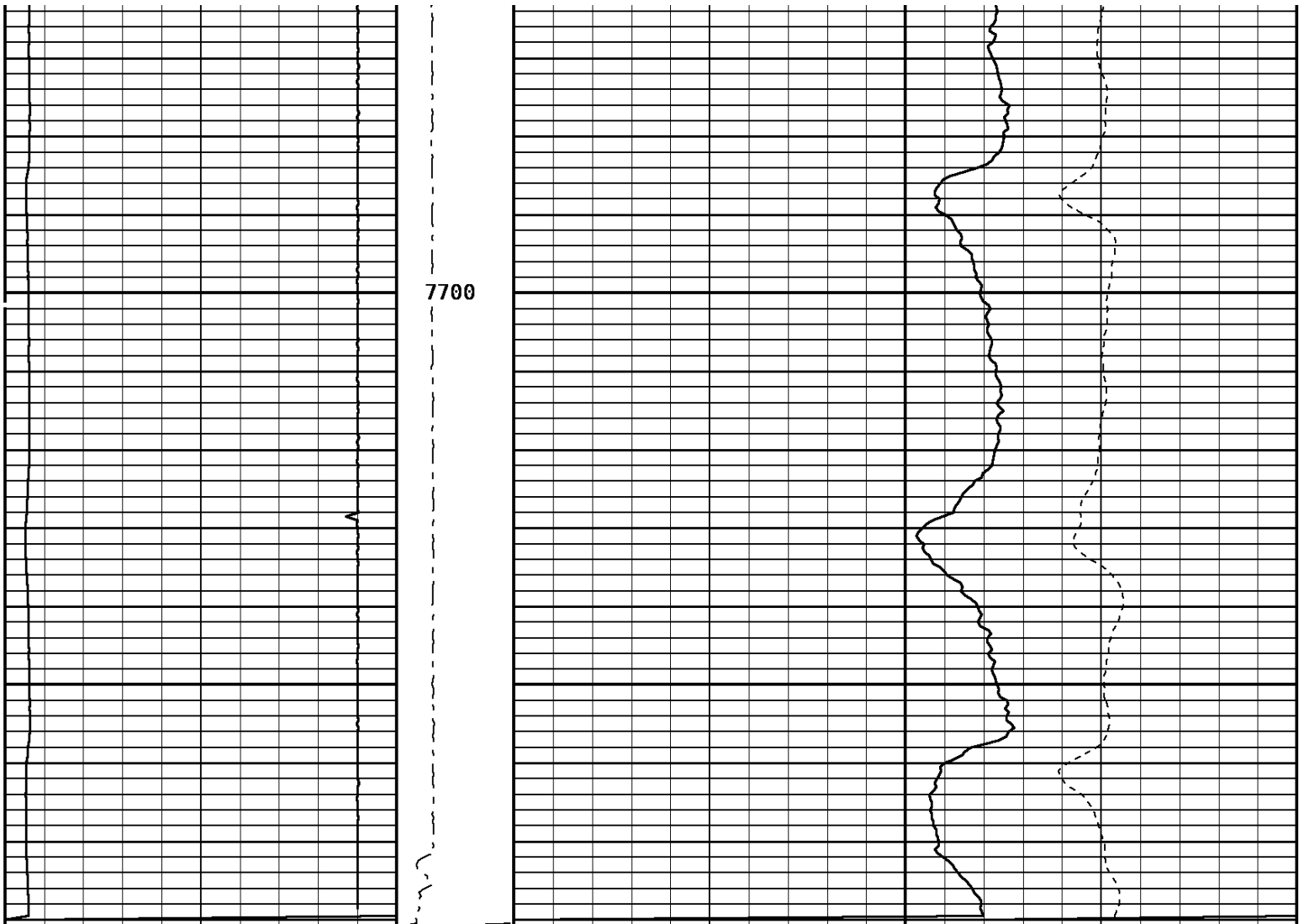
7400



7500

7600





| Temperature    |                  |       | Tension |      | Amp. Temperature  |                  |       |
|----------------|------------------|-------|---------|------|-------------------|------------------|-------|
| 0.0            | DegreesFarenheit | 200.0 | 0       | 1000 | 0.0               | DegreesFarenheit | 20.0  |
| Collar Locator |                  |       |         |      | Delta Temperature |                  |       |
| -8000          | Millivolts       | 880   |         |      | -1.500            | DegF/Foot        | 1.500 |

START DEPTH: 7781.0    DIRECTION: UP    DATE: 02/08/2013    TIME: 04:07    MODE: TRACE PLAYBACK

190701 TEMPMAN

MAIN PASS

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

Cased Hole Cablehead

Weight

2.2 LBS.

Length 1.0 FT.  
Max. Diameter 1.44 IN.  
Total Stack Weight 64.5 LBS in air  
Total Stack Length 12.29 FT.

### Sinker Bar

Weight 49 LBS.  
Length 7.0 FT.  
Max. Diameter 1.69 IN.

### Casing Collar Locator

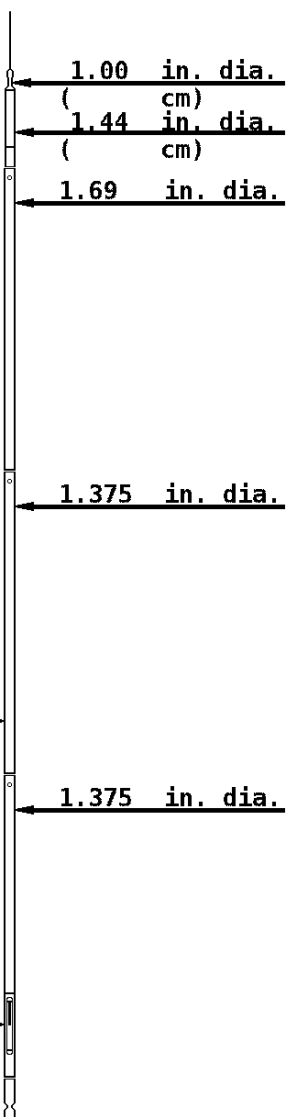
Weight 3.1 LBS.  
Length 1.79 FT.  
Max. Diameter 1.375 IN.

### Temperature

Weight 10.2 LBS  
Length 2.5 FT.  
Max. Diameter 1.375 IN.

CCL 3.25 FT.

Temp. .41 IN.



COMPANY ENCANA OIL & GAS (USA) INC

WELL SHIDELER 30-3A

FIELD MAMM CREEK

COUNTY GARFIELD

STATE COLORADO



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