



## SONIC LOG

|                              |              |                                     |  |
|------------------------------|--------------|-------------------------------------|--|
| Company                      |              | ABERCROMBIE ENERGY, LLC.            |  |
| Well                         |              | MORGAN #1-35                        |  |
| Field                        |              | UNNAMED                             |  |
| County                       |              | SCOTT                               |  |
| State                        |              | KANSAS                              |  |
| Location:                    |              | API # : 15-171-21316-0000           |  |
| Permanent Datum              |              | 2336 FNL & 670 FWL                  |  |
| Log Measured From            |              | GROUND LEVEL Elevation 2899         |  |
| Drilling Measured From       |              | KELLY BUSHING 7' A.G.L              |  |
| SEC 35 TWP 20S RGE 31W       |              | CDL/CNL/PE<br>DIL/MEL               |  |
| Elevation                    |              | K.B. 2906<br>D.F. 2904<br>G.L. 2899 |  |
| Date                         | 2/15/24      |                                     |  |
| Run Number                   | TWO          |                                     |  |
| Depth Driller                | 5000         |                                     |  |
| Depth Logger                 | 5000         |                                     |  |
| Bottom Logged Interval       | 4992         |                                     |  |
| Top Log Interval             | 347          |                                     |  |
| Casing Driller               | 8.625 @ 347  |                                     |  |
| Casing Logger                | 347          |                                     |  |
| Bit Size                     | 7.875        |                                     |  |
| Type Fluid in Hole           | CHEMICAL MUD | CHLORIDES 2.000 PPM                 |  |
| Density / Viscosity          | 9.2/52       |                                     |  |
| pH / Fluid Loss              | 10.5/7.2     |                                     |  |
| Source of Sample             | FLOWLINE     |                                     |  |
| Rm @ Meas. Temp              | 1.90 @ 64F   |                                     |  |
| Rmt @ Meas. Temp             | 1.43 @ 64F   |                                     |  |
| Rmc @ Meas. Temp             | 2.28 @ 64F   |                                     |  |
| Source of Rmf / Rmc          | MEASUREMENT  |                                     |  |
| Rm @ BHT                     | .973 @ 125F  |                                     |  |
| Time Circulation Stopped     | 4 HOURS      |                                     |  |
| Time Logger on Bottom        | 2.30 A.M.    |                                     |  |
| Maximum Recorded Temperature | 125F         |                                     |  |
| Equipment Number             | 3802         |                                     |  |
| Location                     | HAYS, KANSAS |                                     |  |
| Recorded By                  | COLE ROBEN   |                                     |  |
| Witnessed By                 | DAVE GOLDAK  |                                     |  |

<<< Fold Here >>>

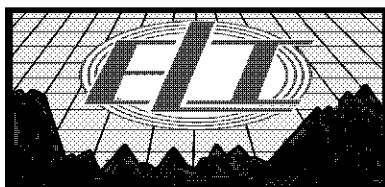
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

### Comments

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395

### DIRECTIONS:

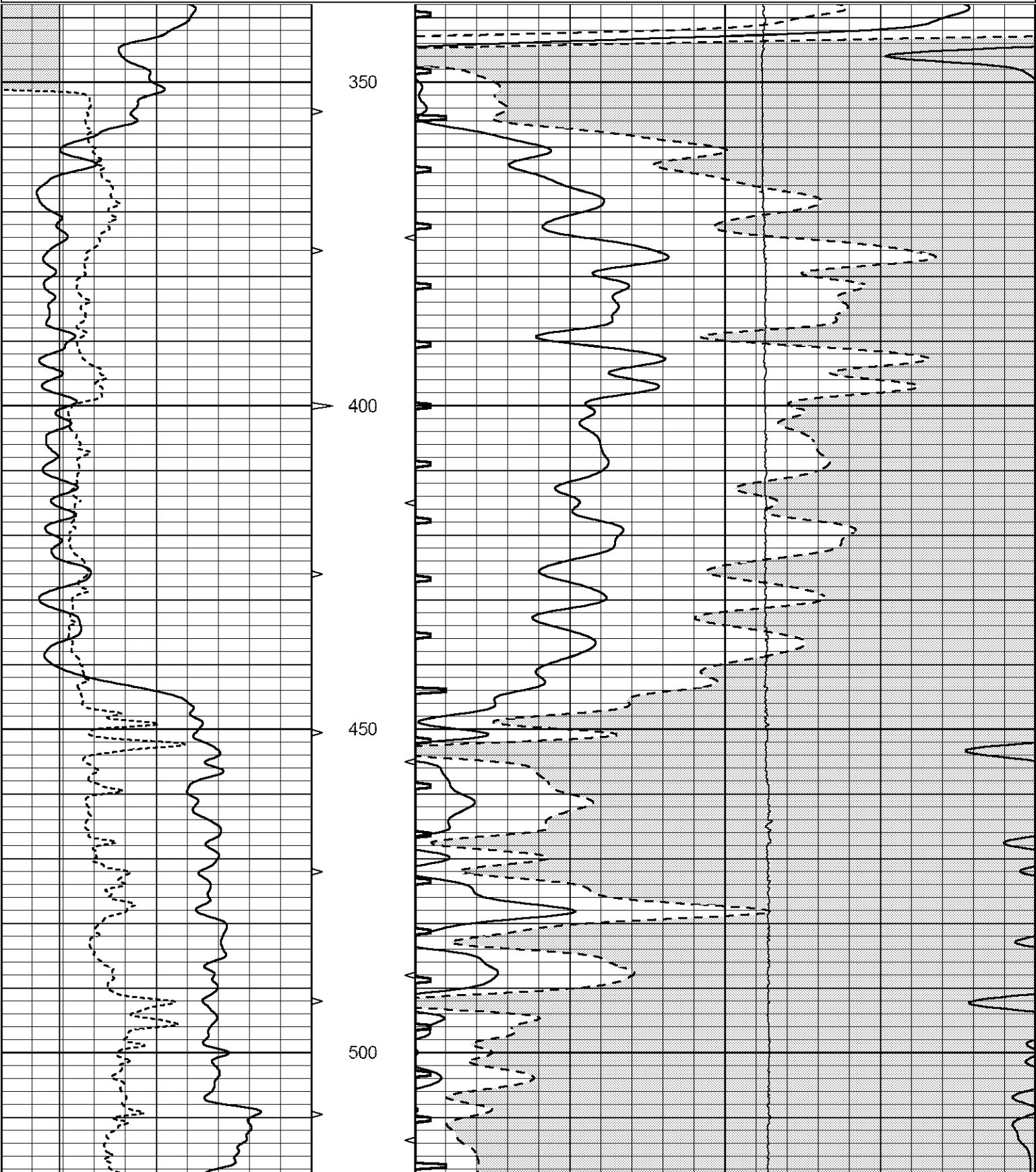
FROM SCOTT CITY, KANSAS GO SOUTH ON HIGHWAY 83 TO FINNEY/SCOTT COUNTY ROAD,  
EAST 9.3 MILES TO VENISON ROAD, NORTH 1/2 MILE, EAST INTO

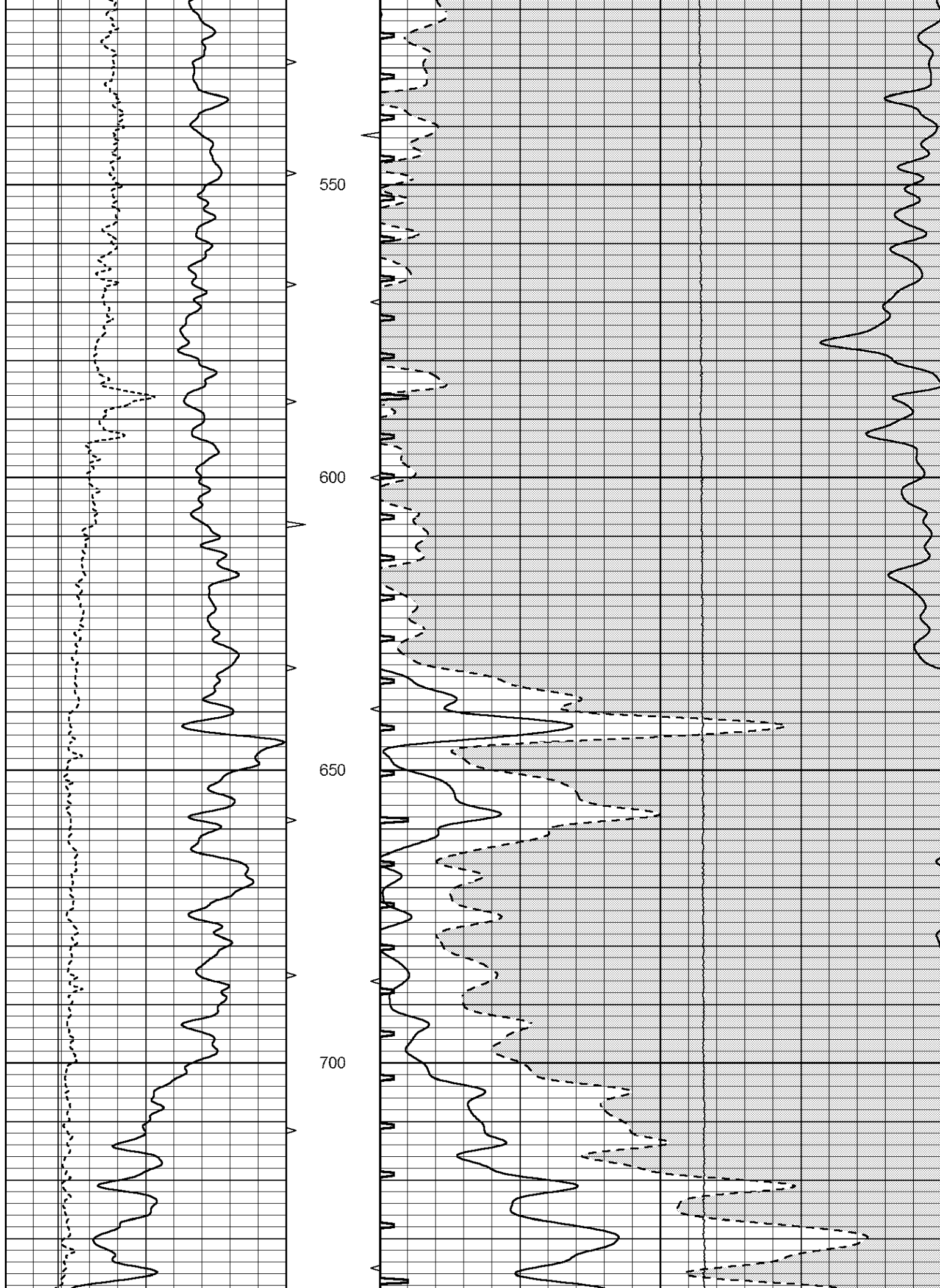


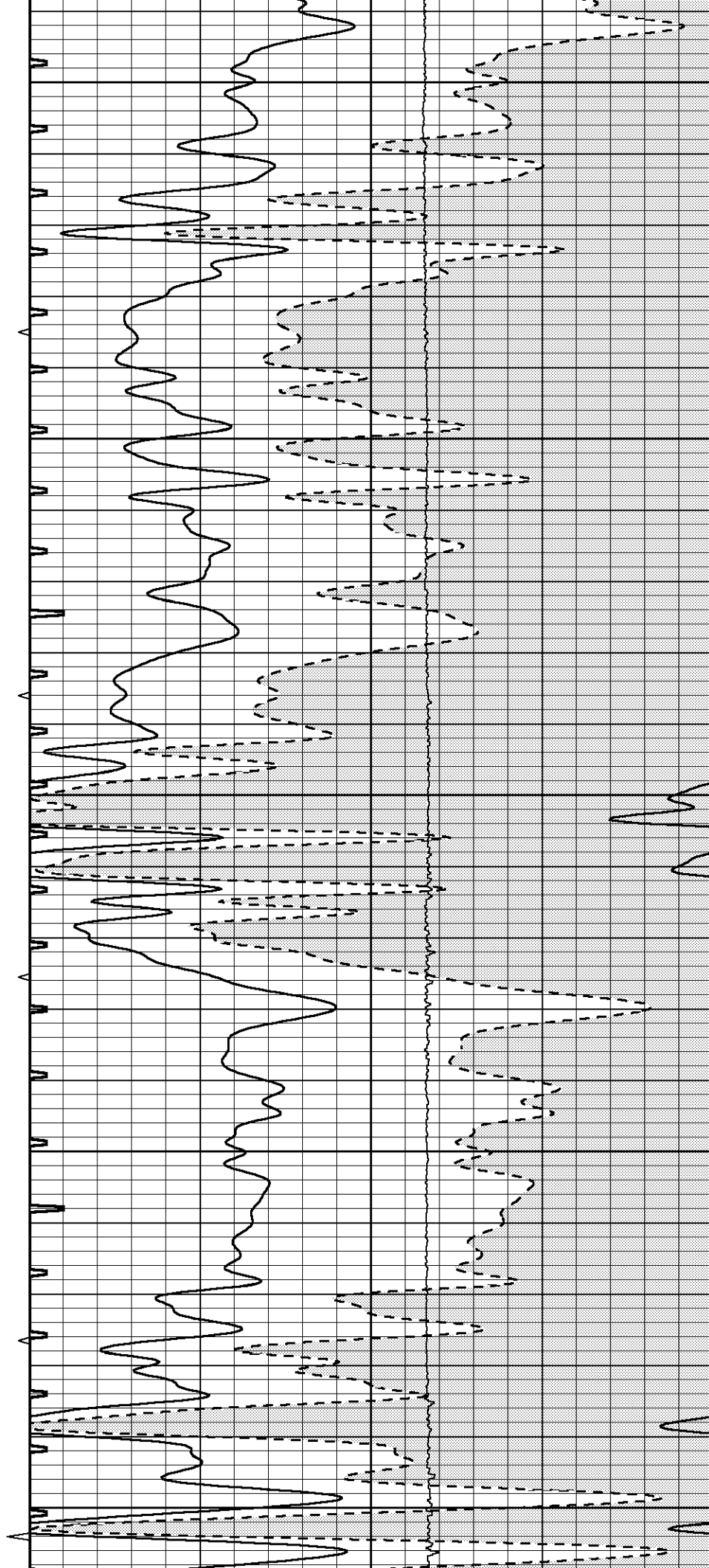
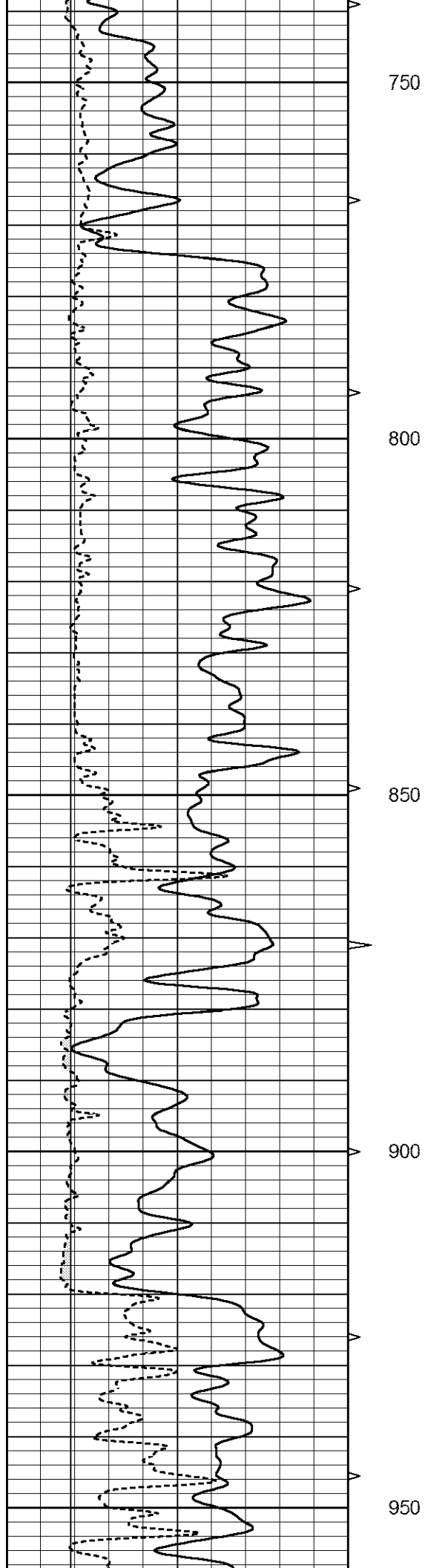
# MAIN SECTION

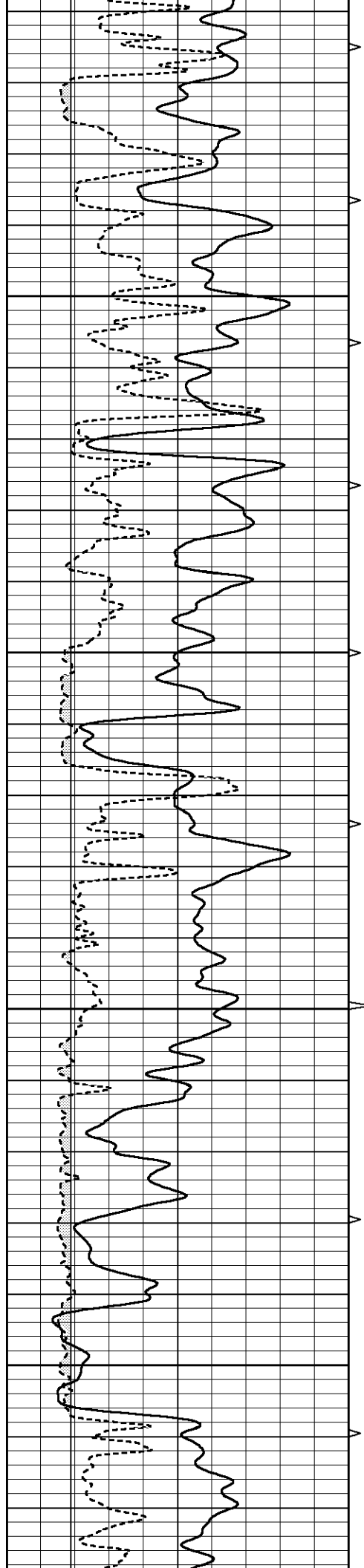
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| Dataset Pathname    | pass7.3                    |
| Presentation Format | _slt                       |
| Dataset Creation    | Thu Feb 15 04:14:27 2024   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |            |     |                      |      |
|---|------------------|-----|------------|-----|----------------------|------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV       | 140 | DELTA TIME (usec/ft) | 40   |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 | 30  | SONIC POROSITY (pu)  | -10  |
|   |                  |     | TBHV       | 0   | ITT (msec)           | 20   |
|   |                  |     | 0 (ft3) 10 | 0   | LTEN (lb)            | 5000 |







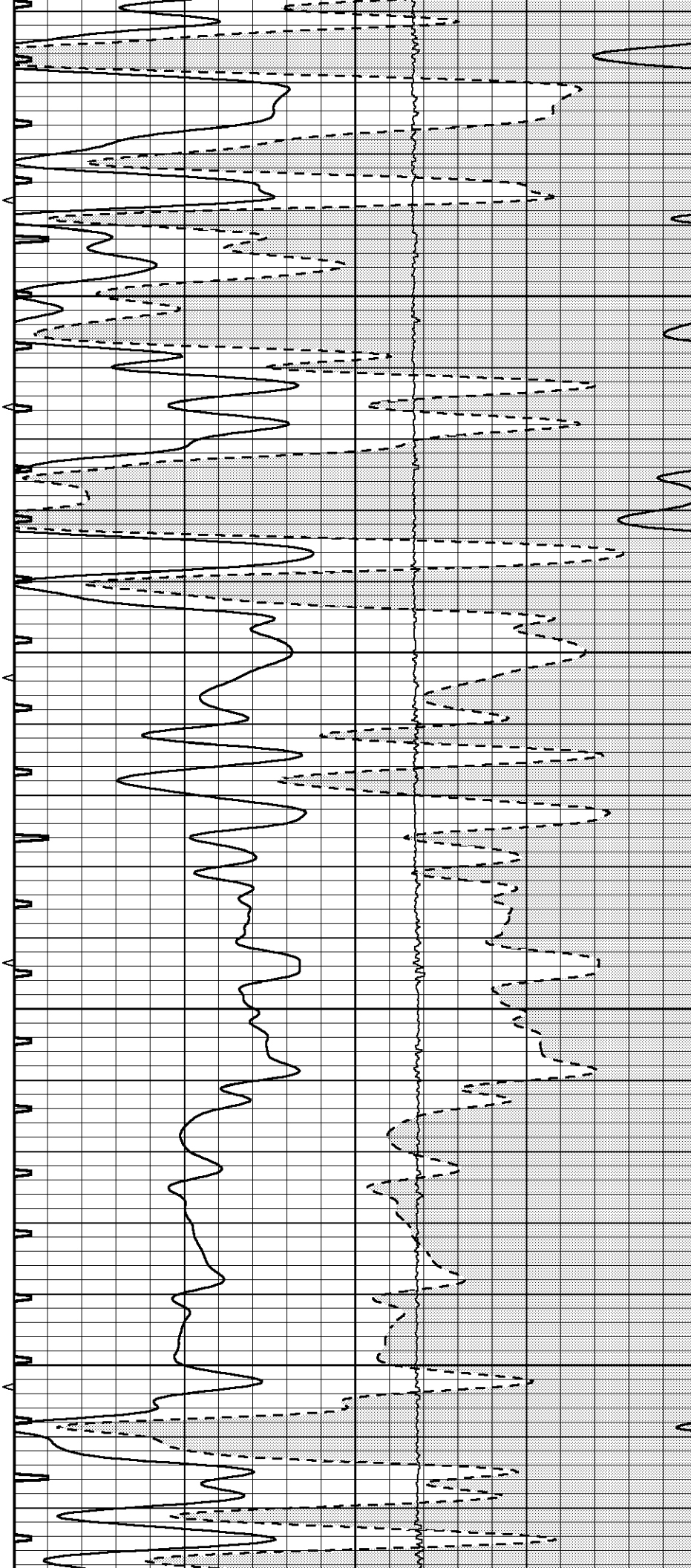


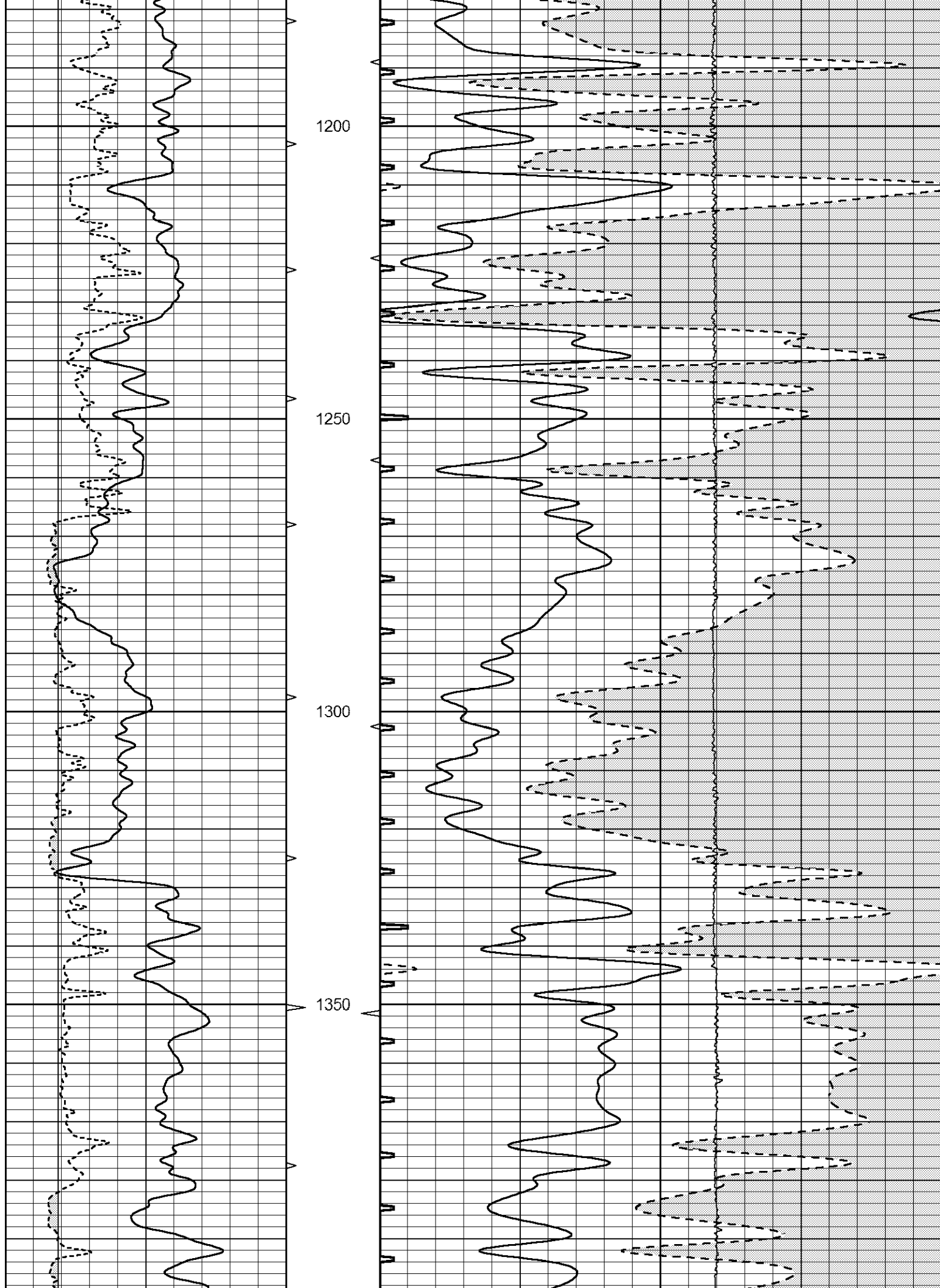
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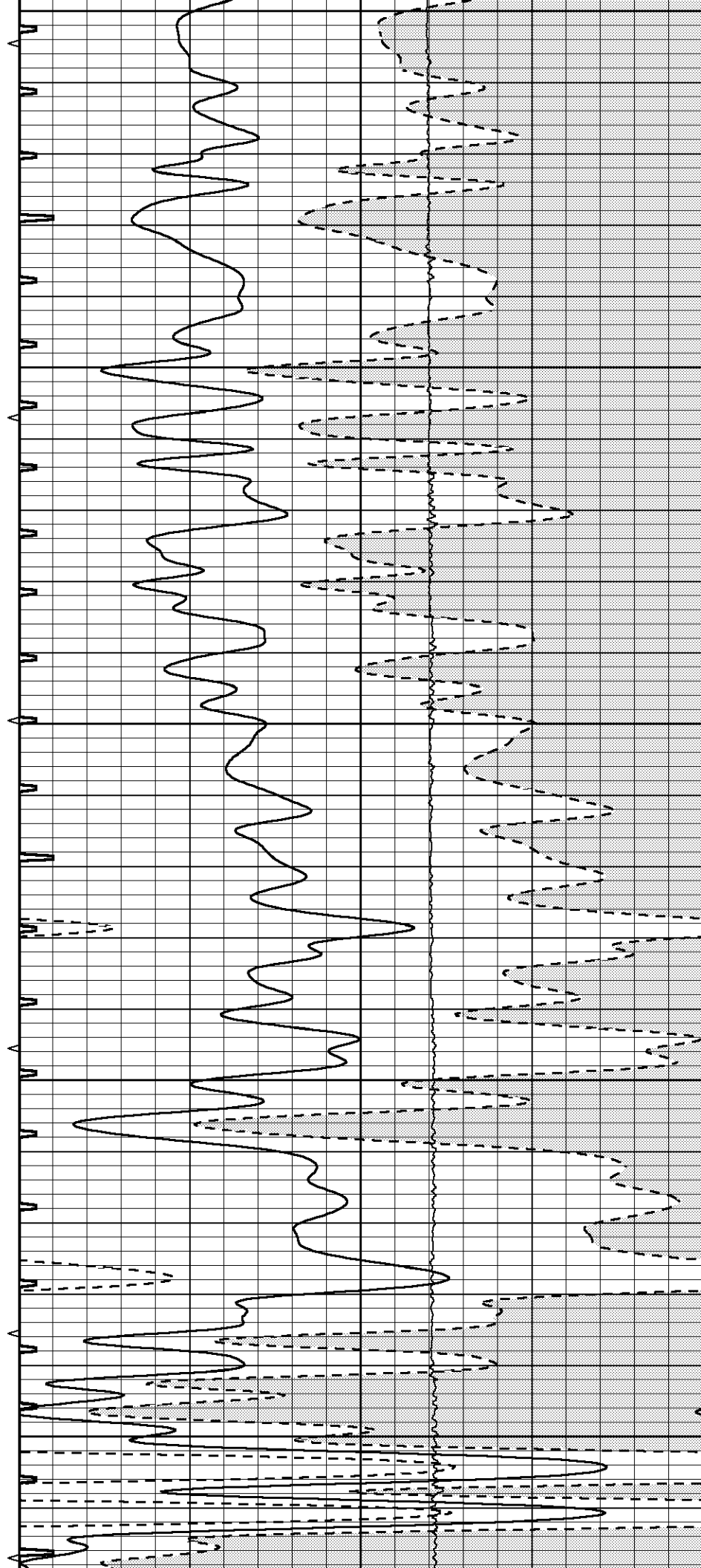
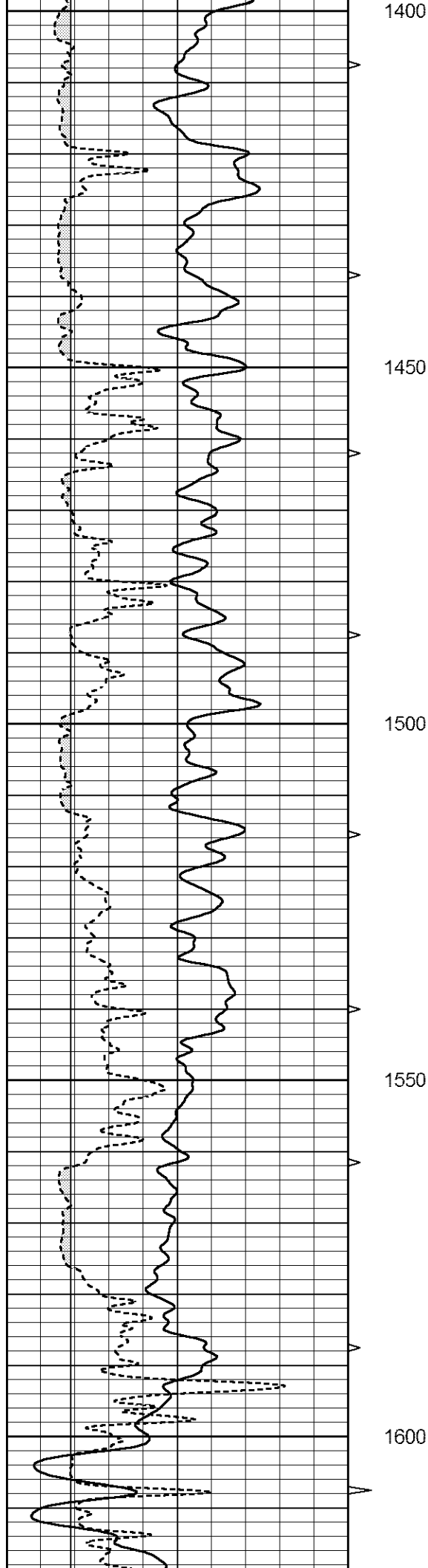
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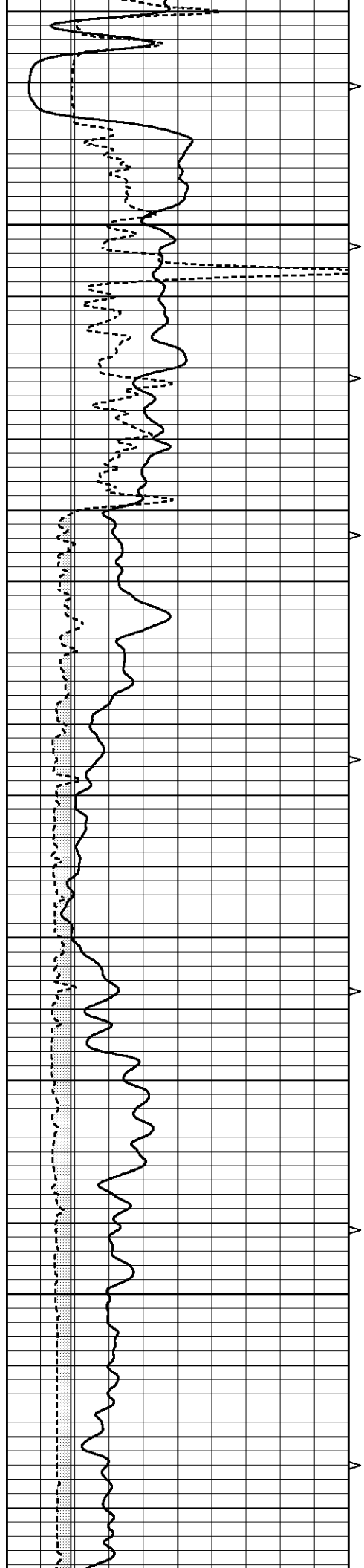
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1150







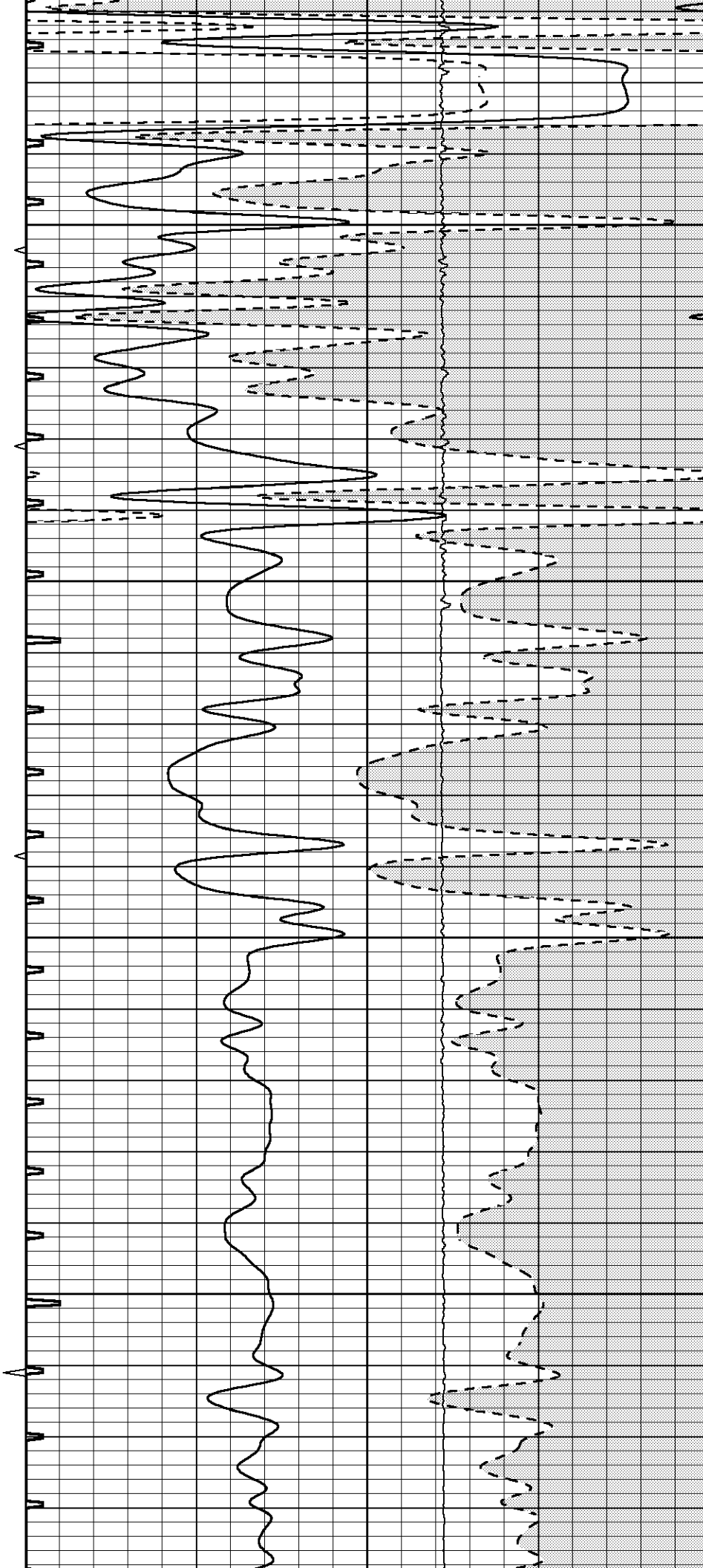


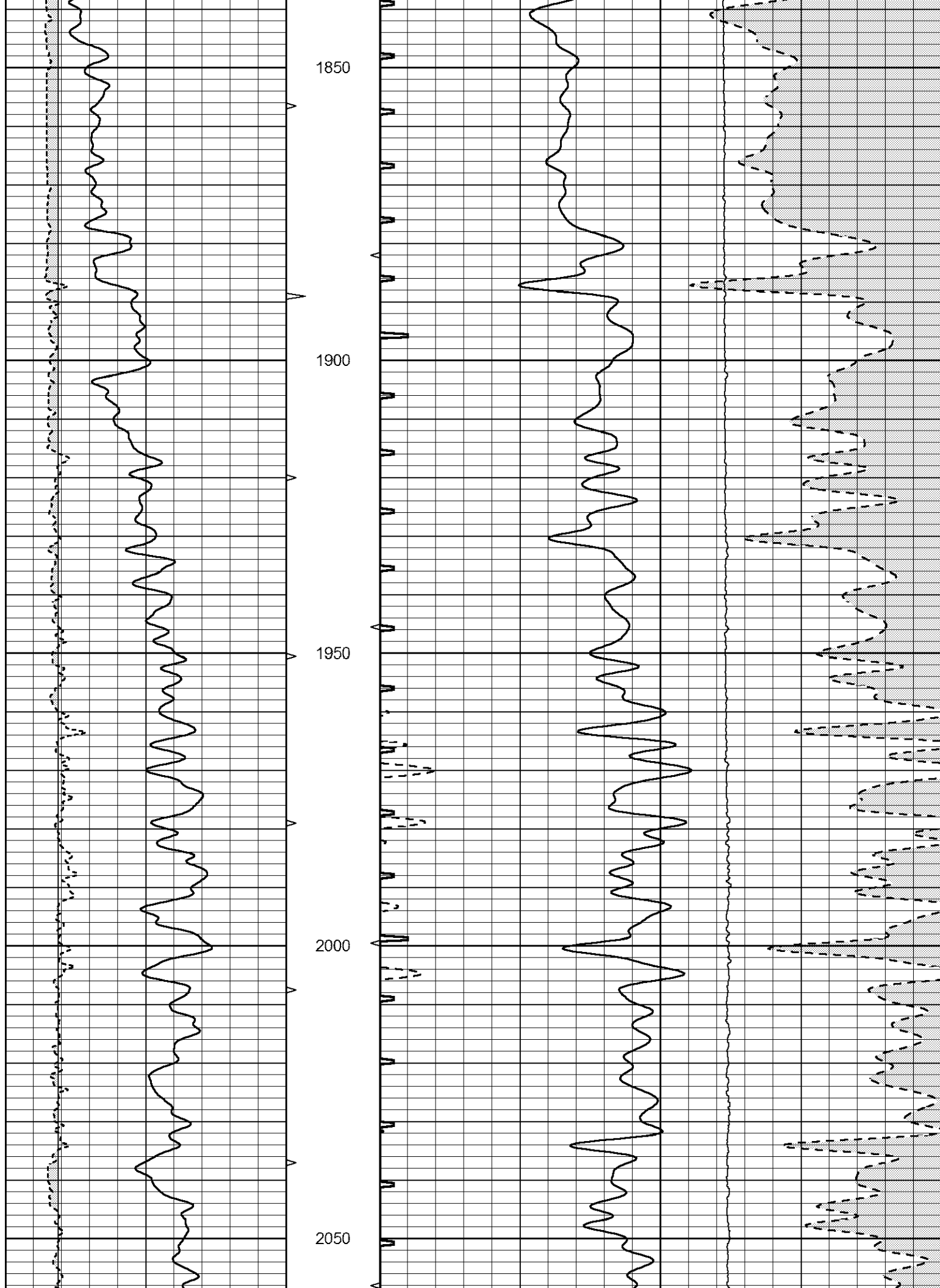
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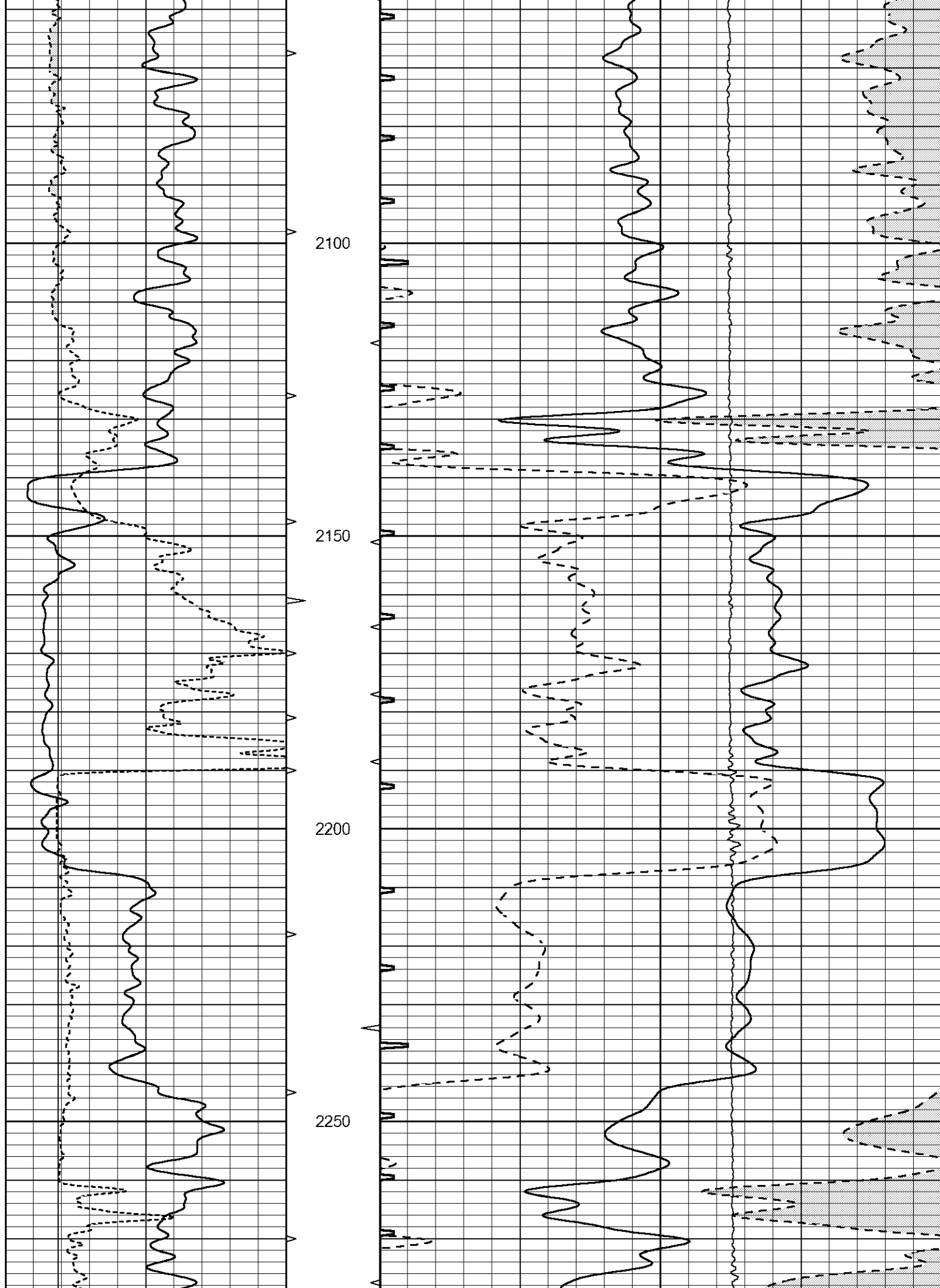
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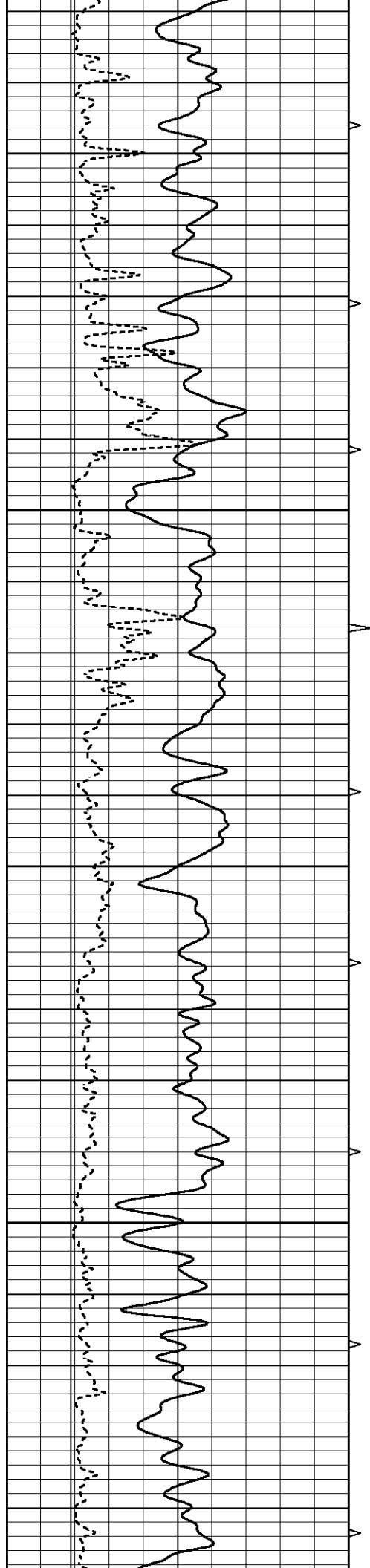
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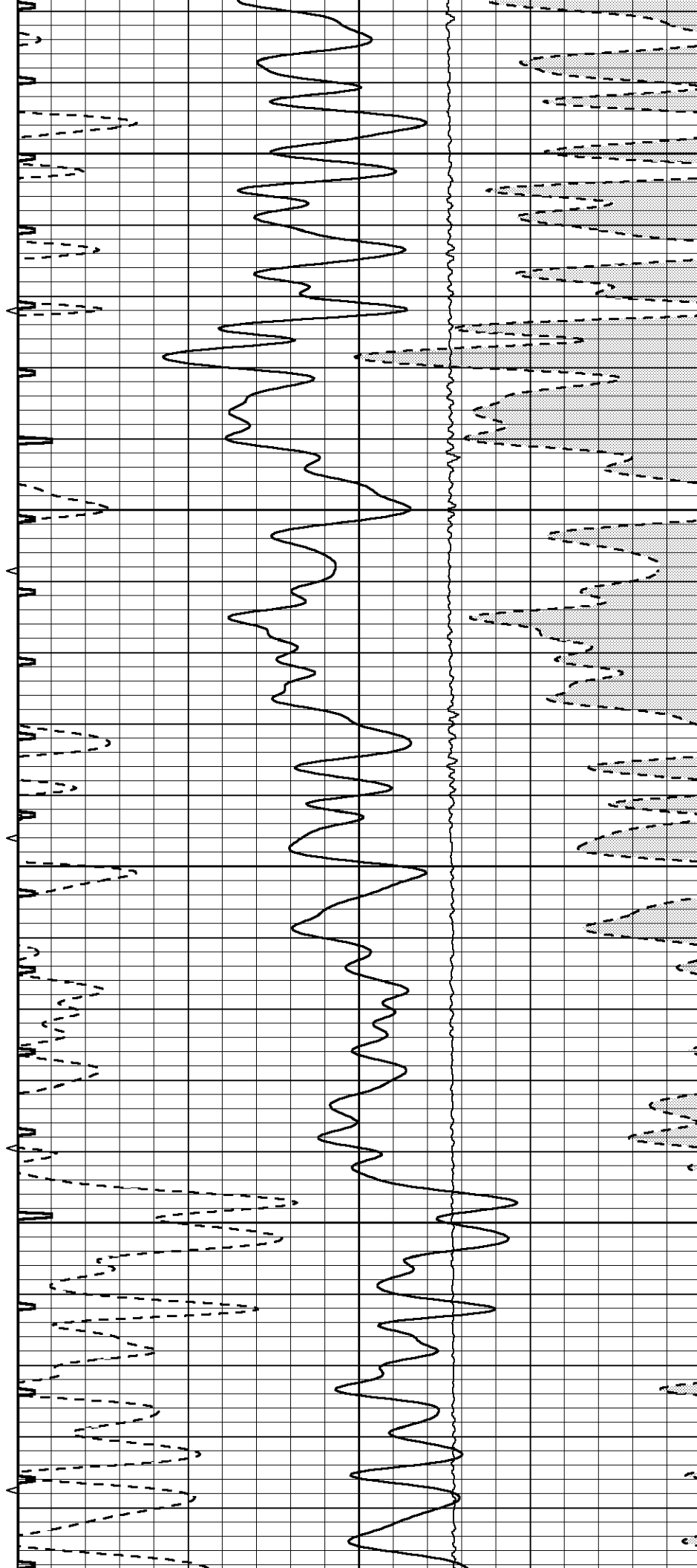


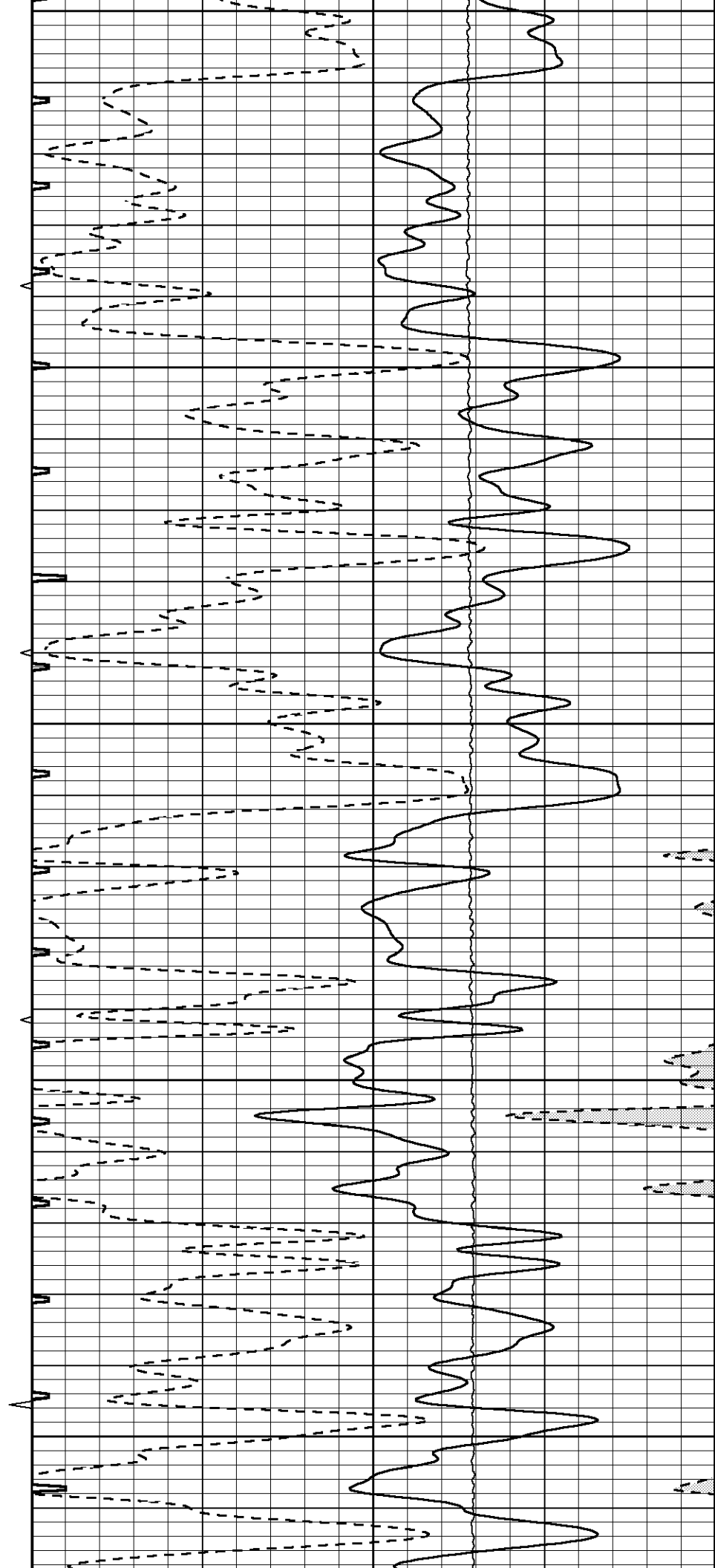
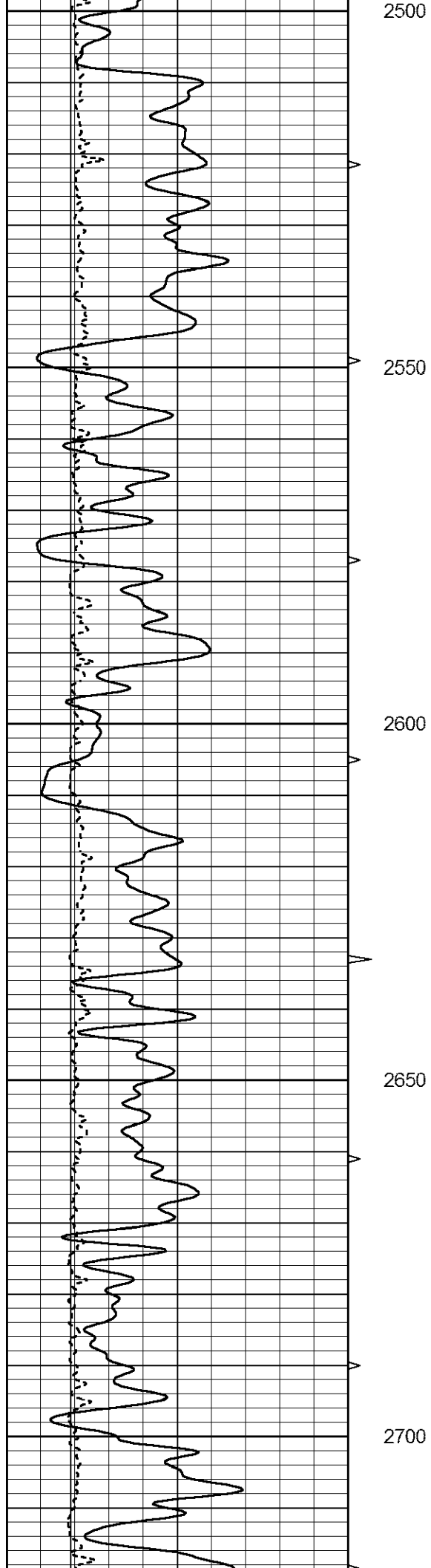
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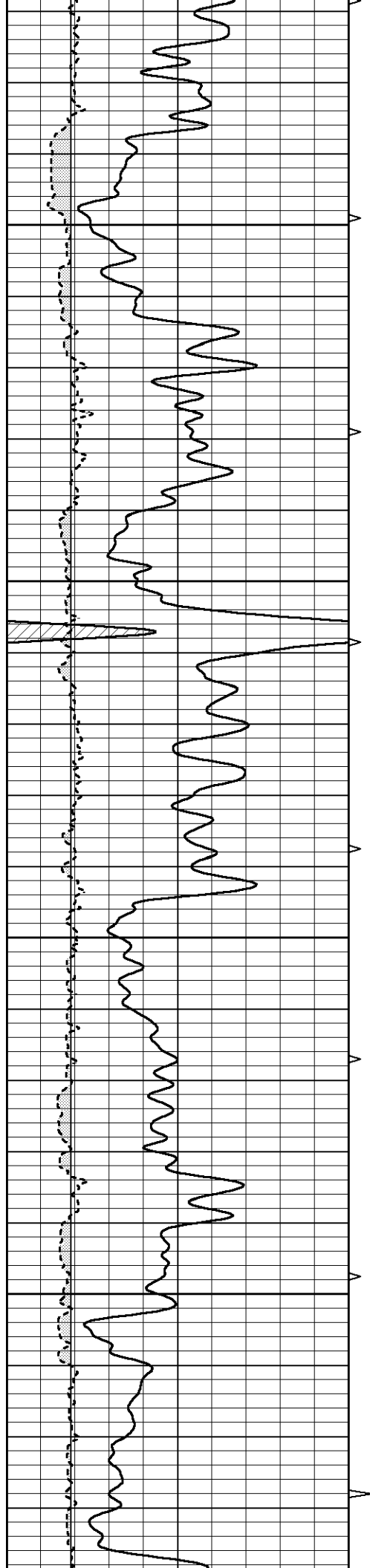
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2450





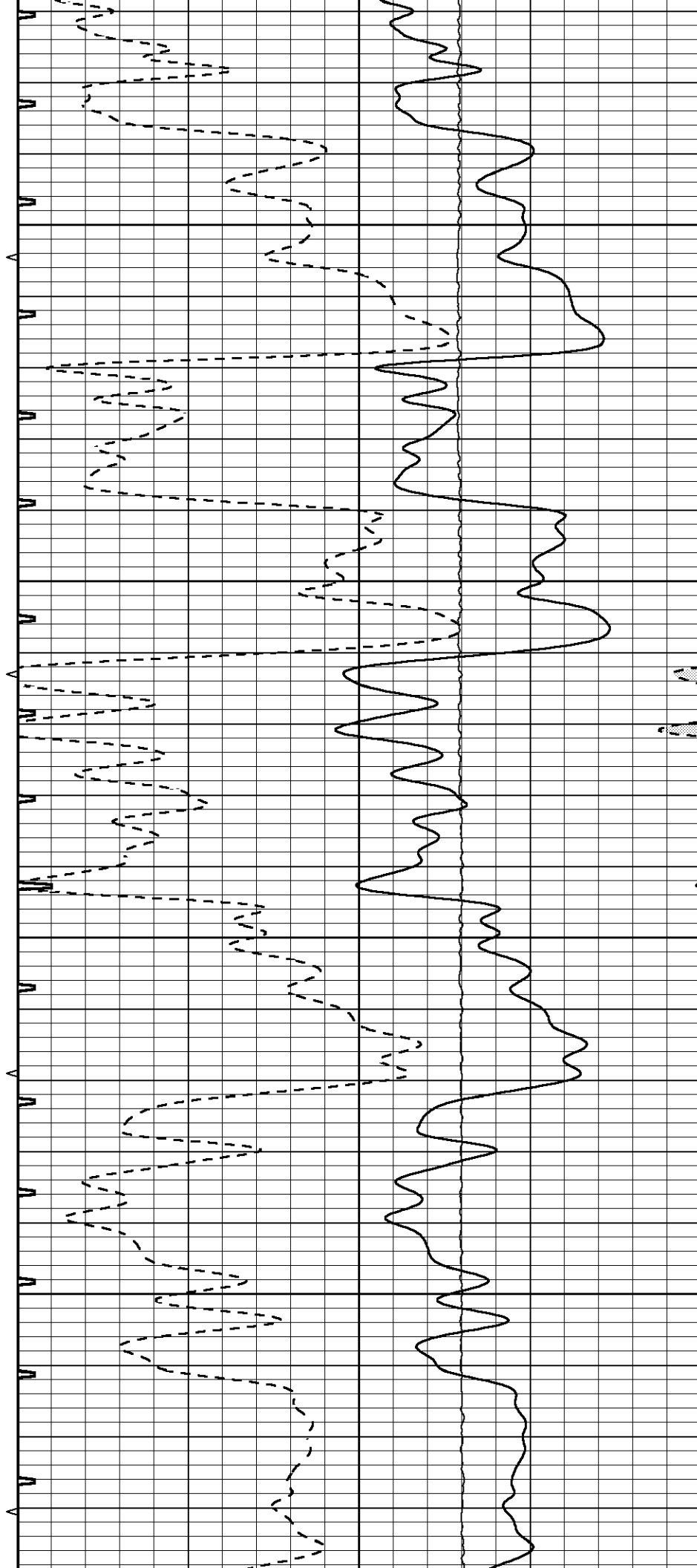


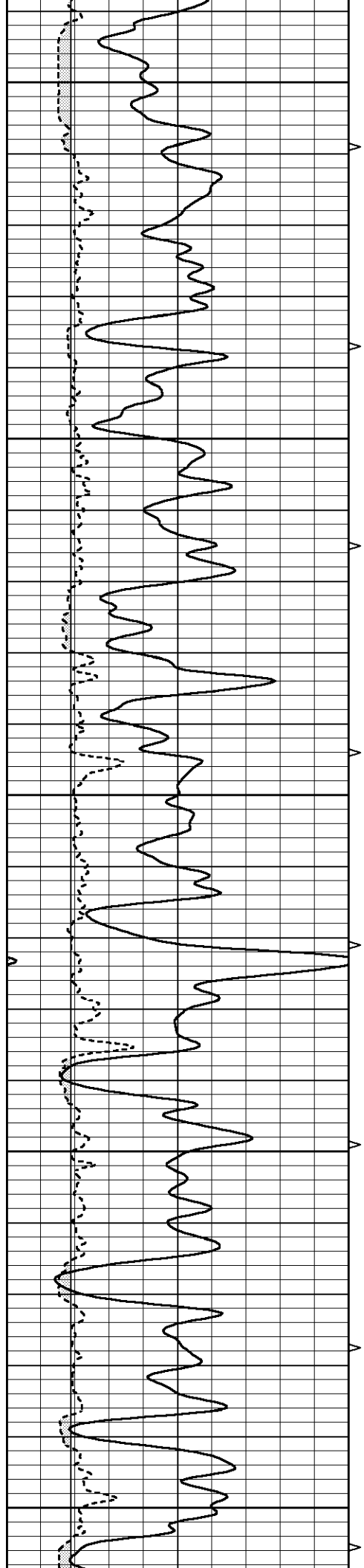
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2900





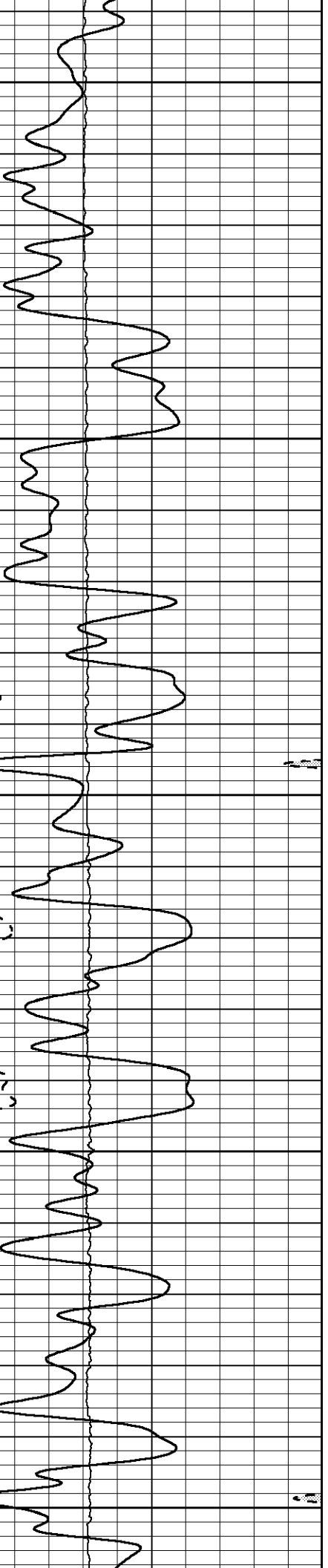
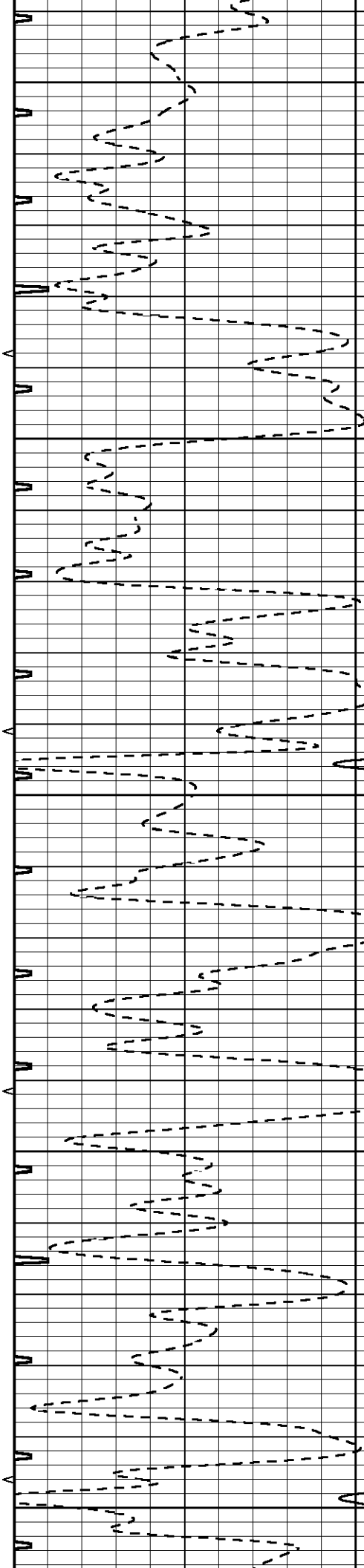
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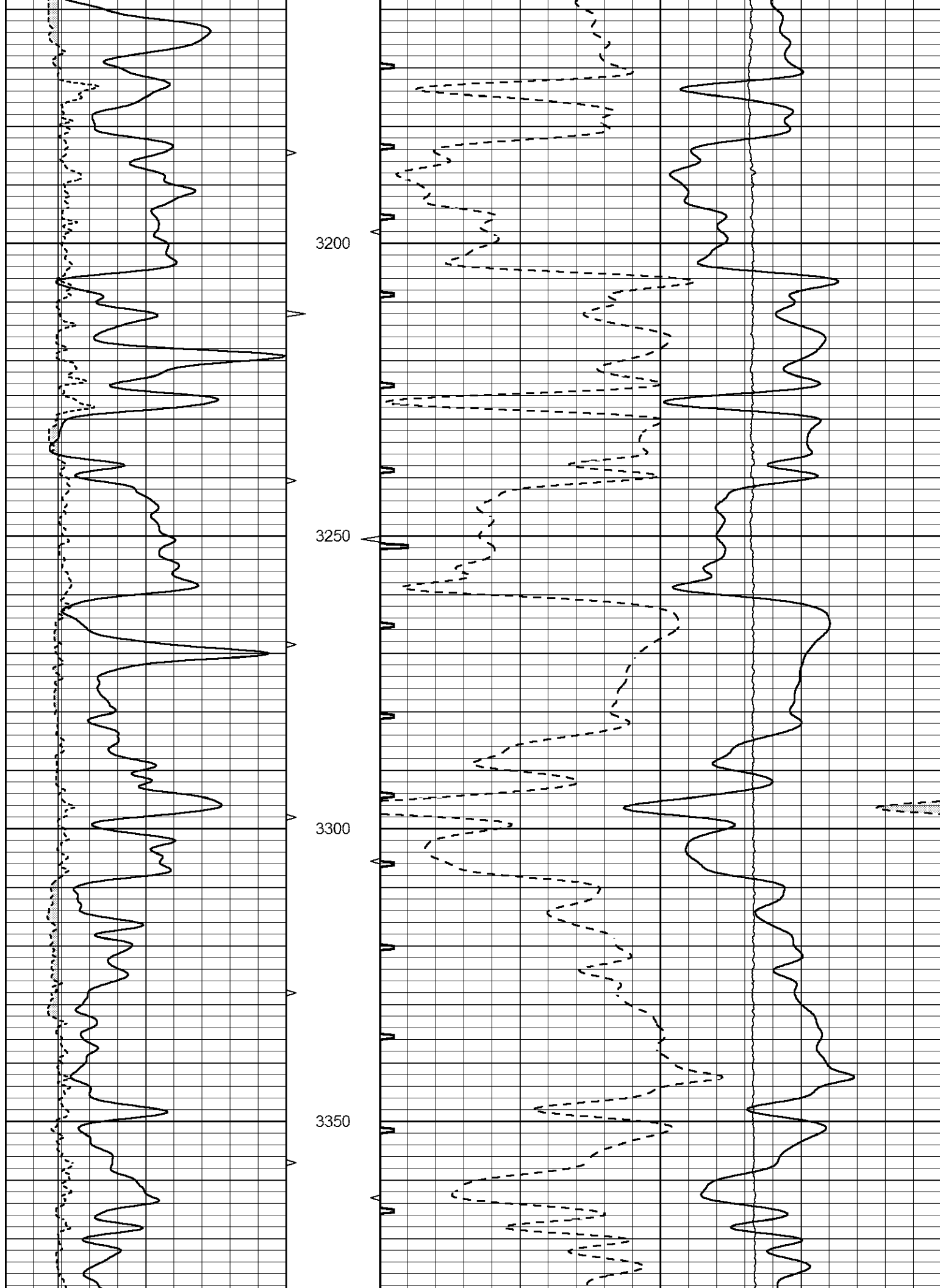
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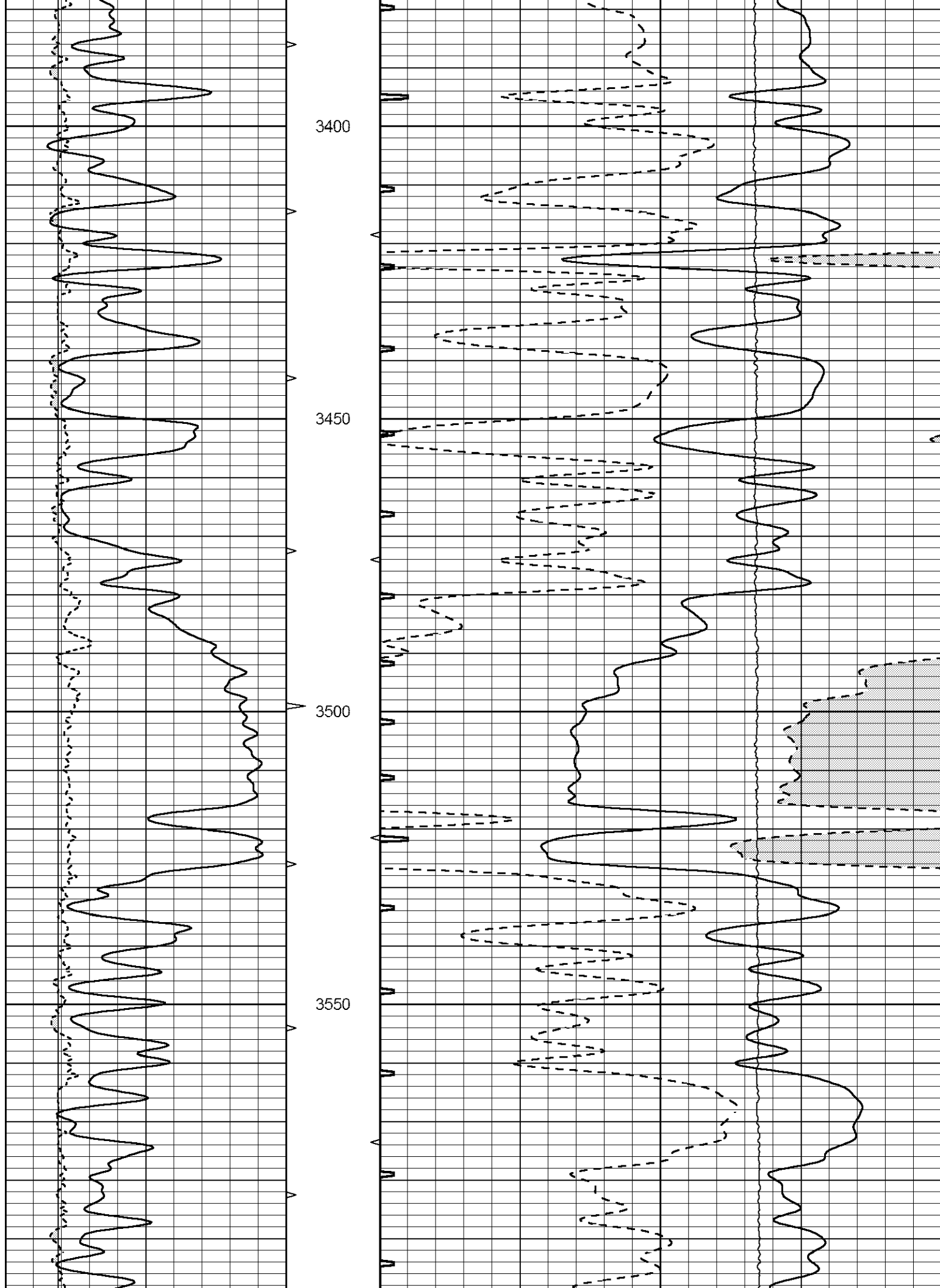
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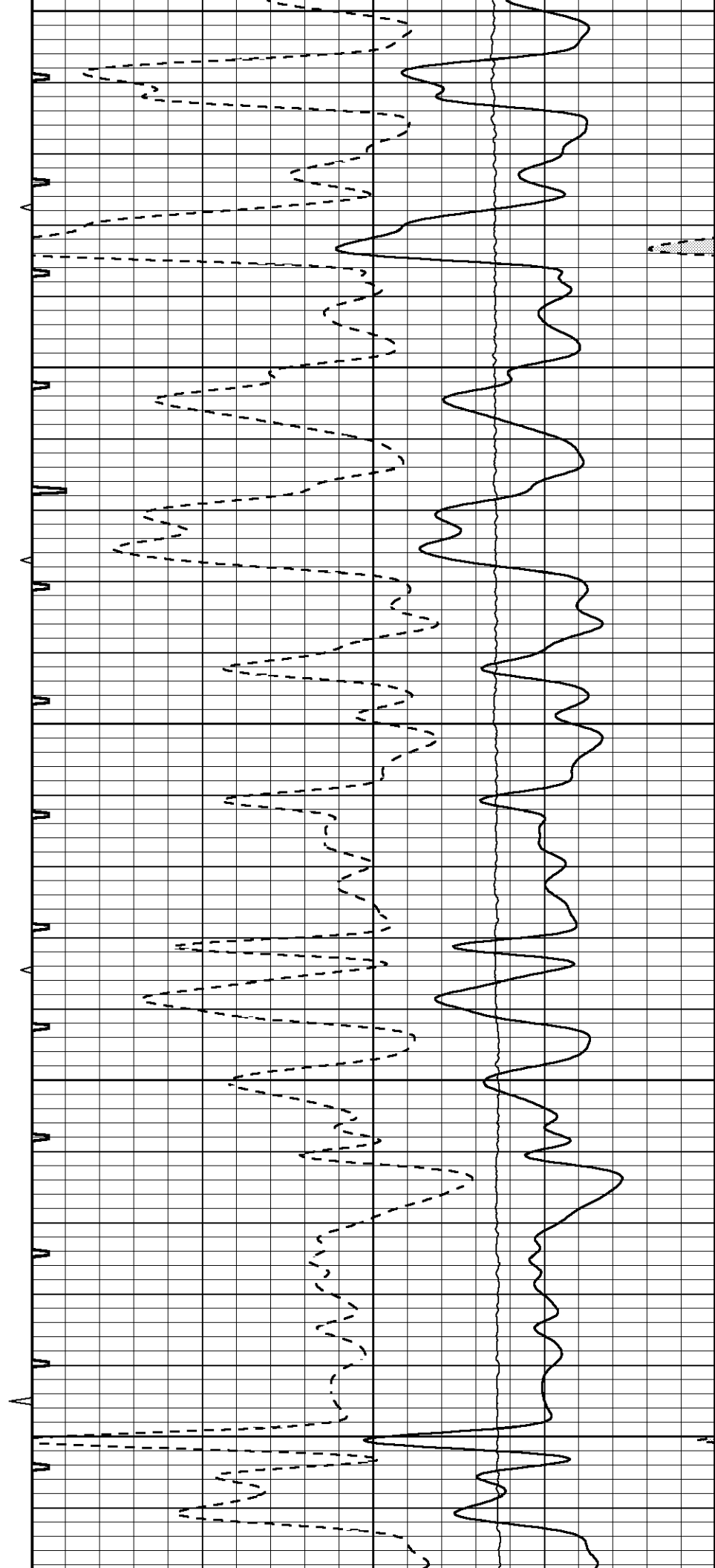
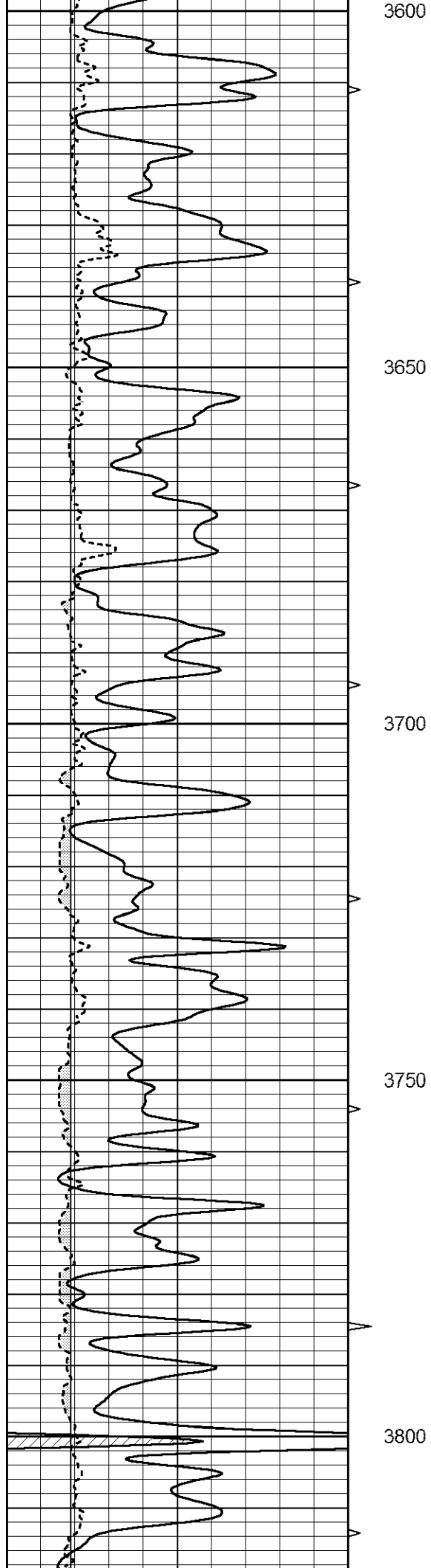
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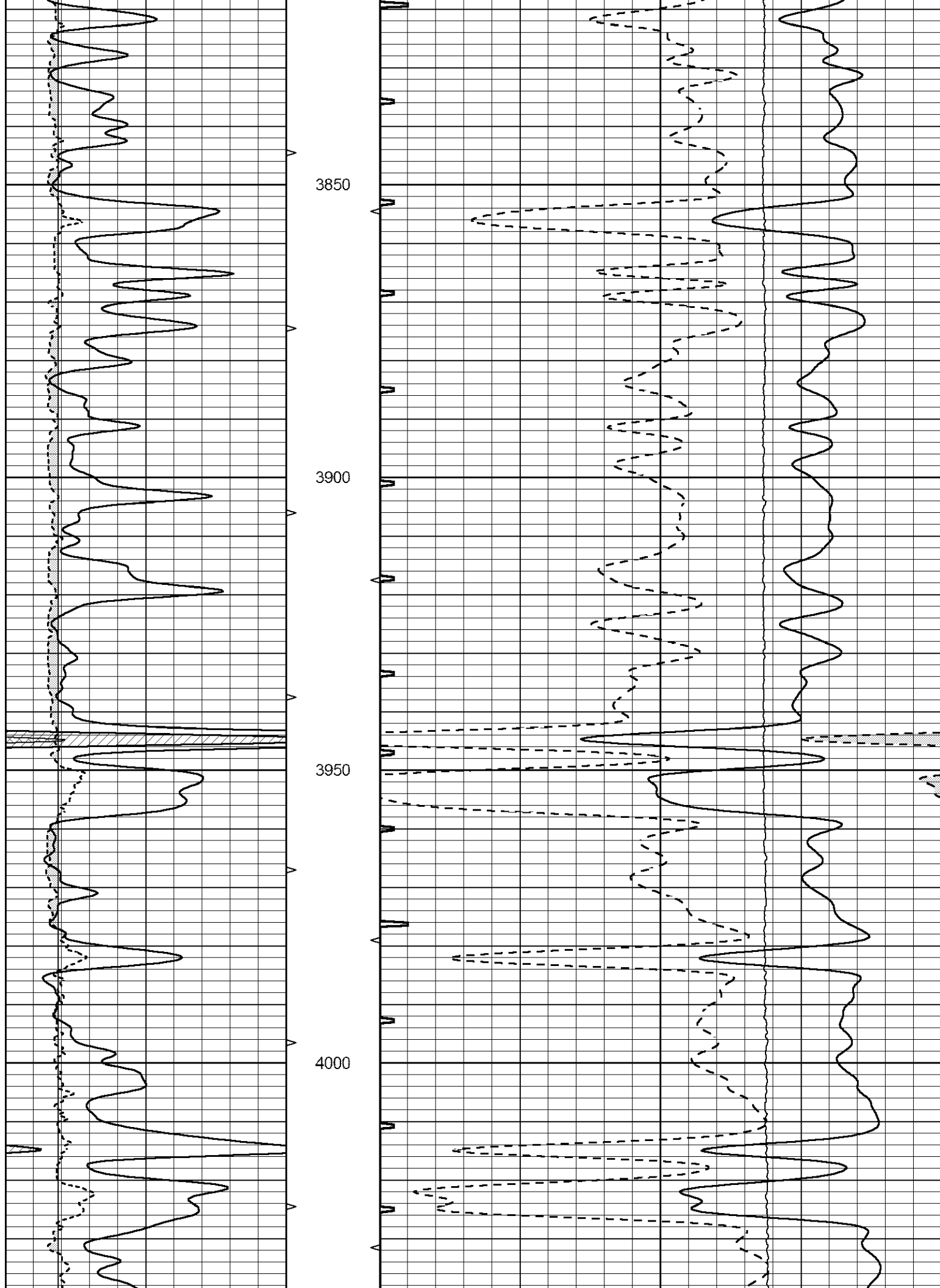
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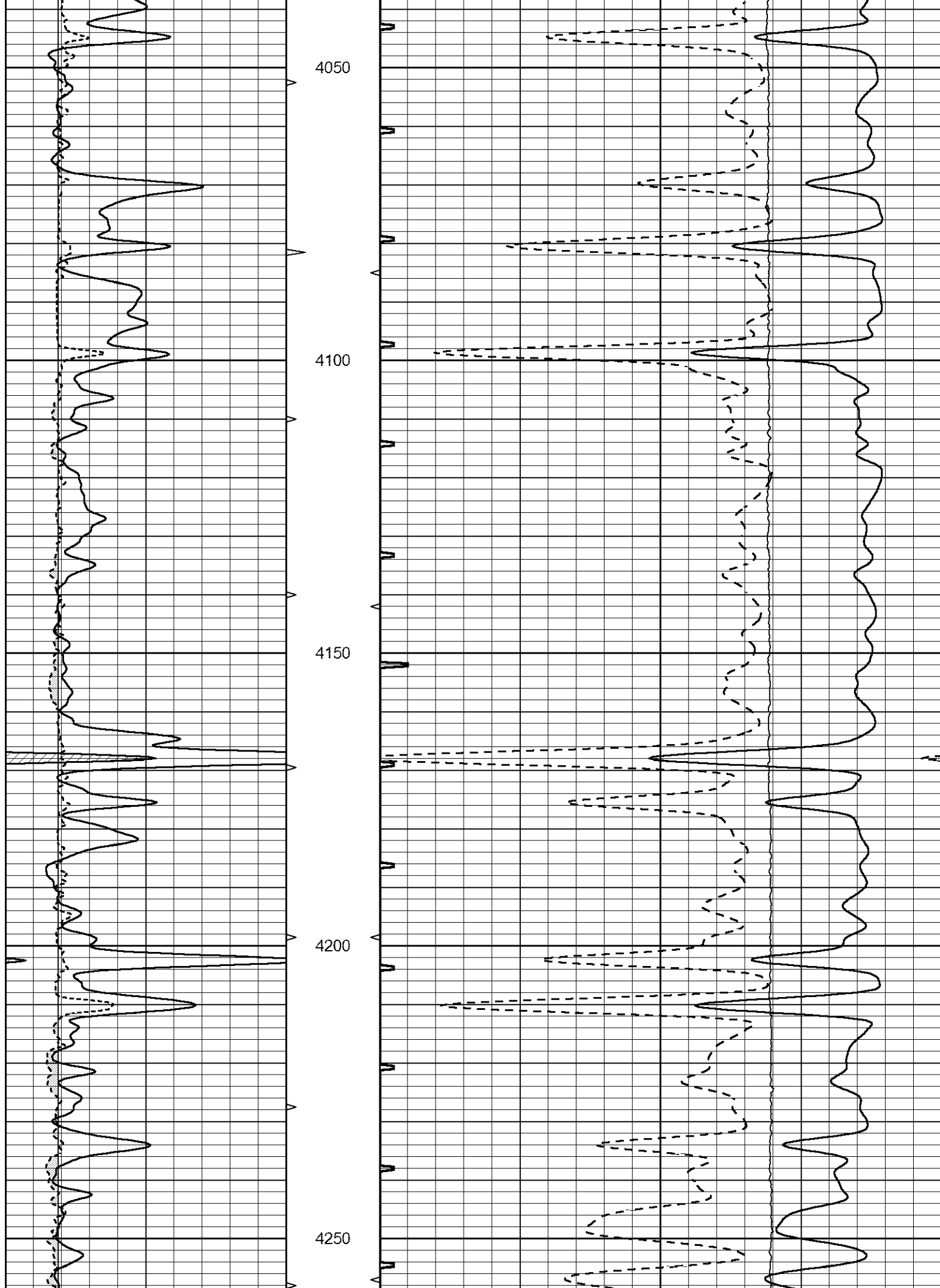


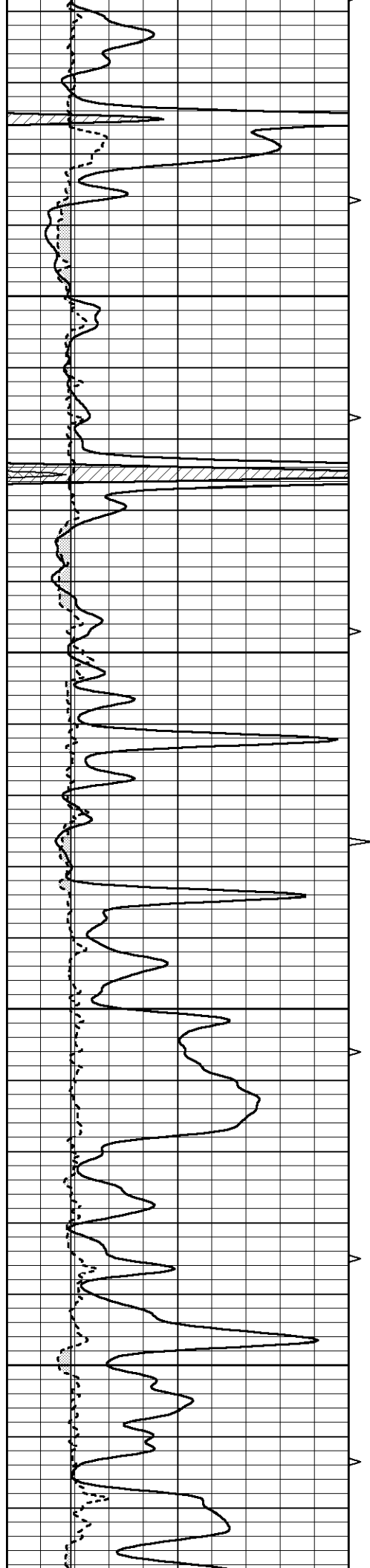










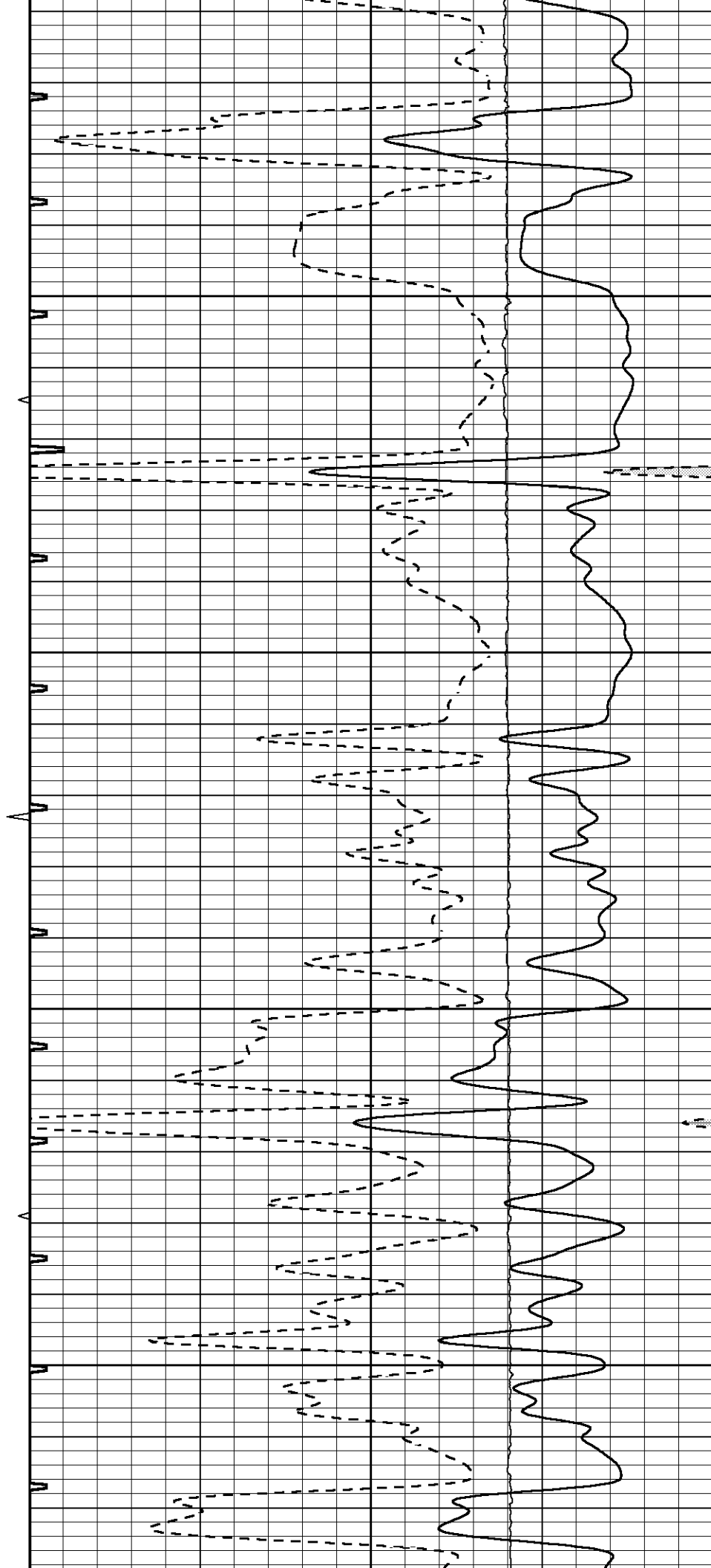


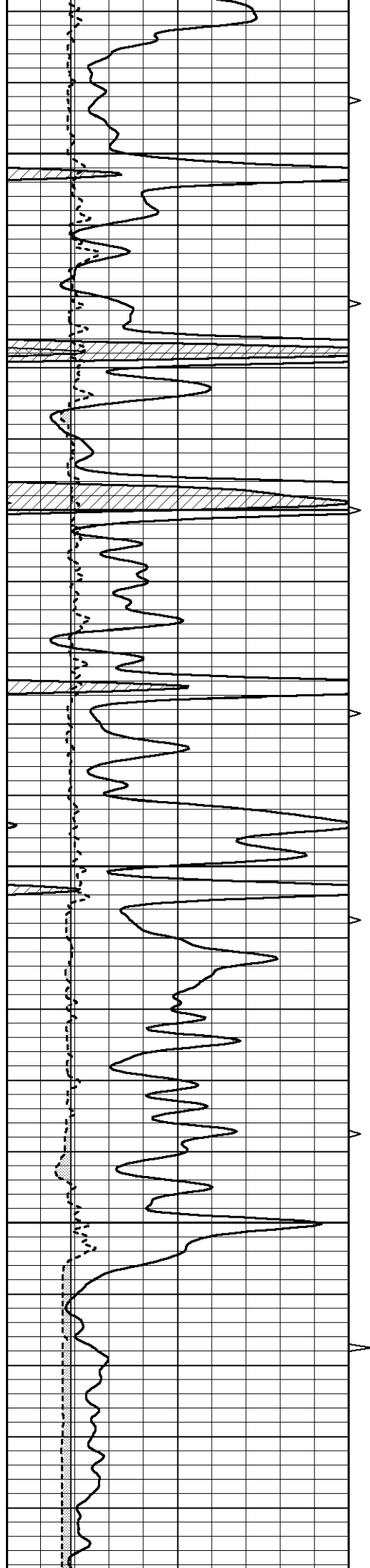
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4450



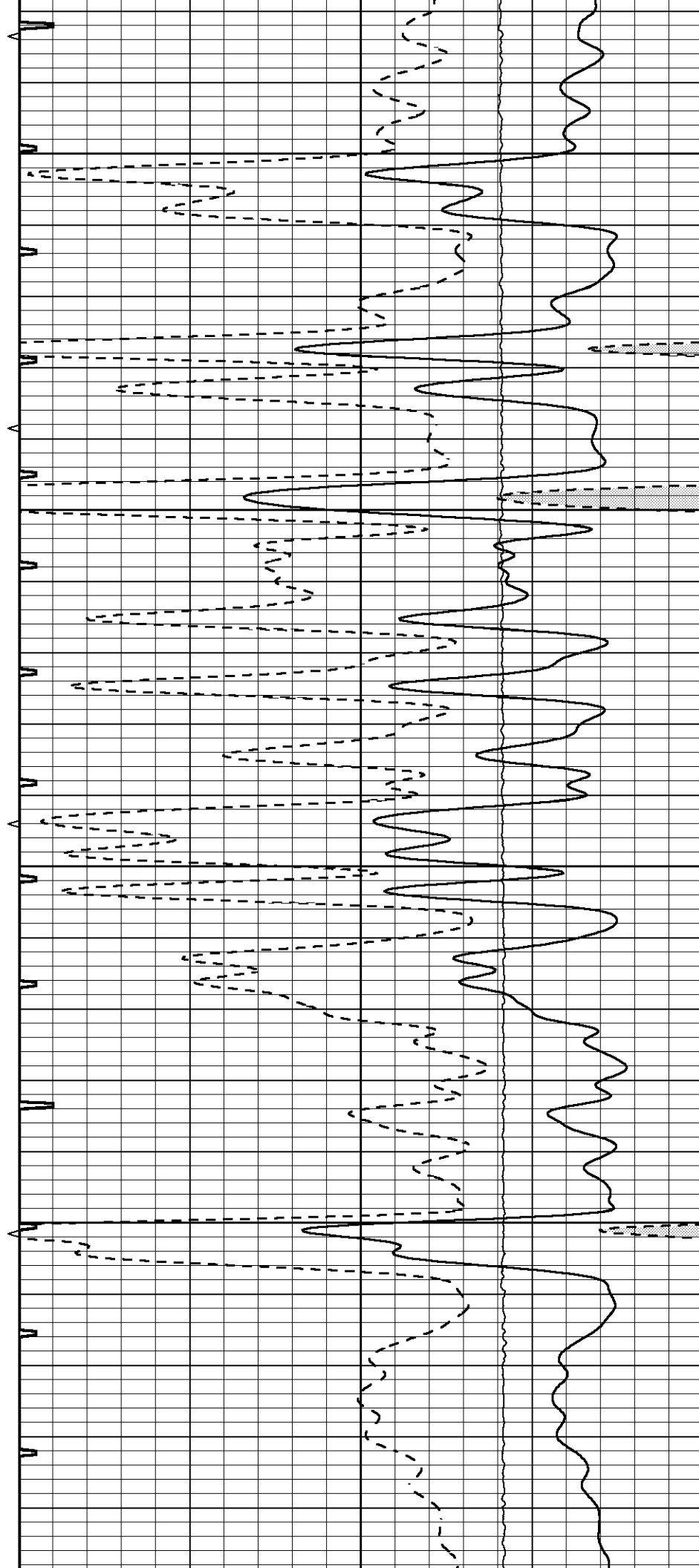


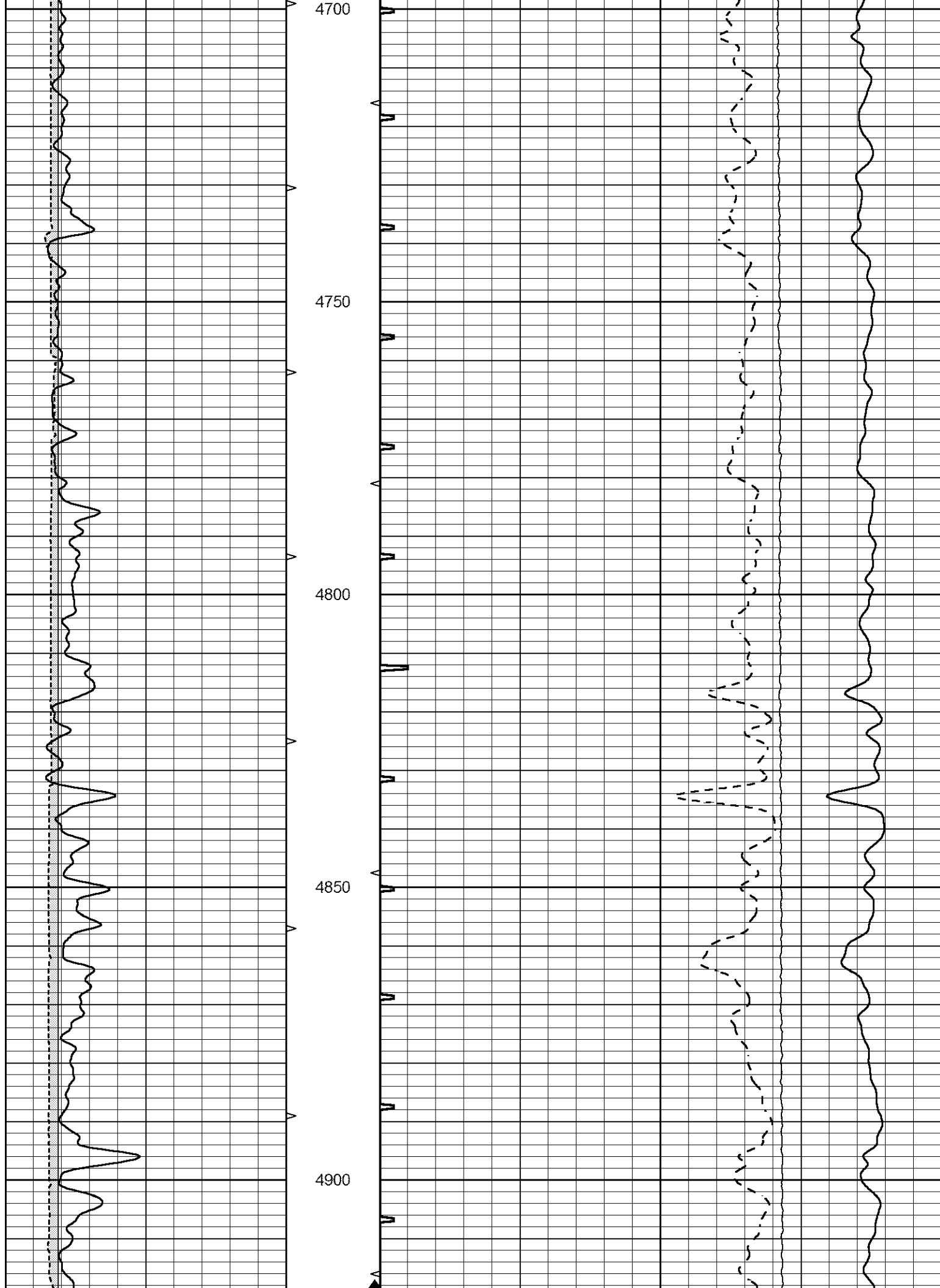
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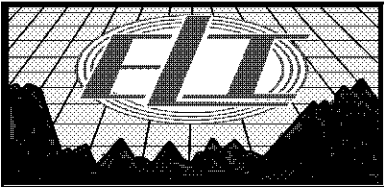
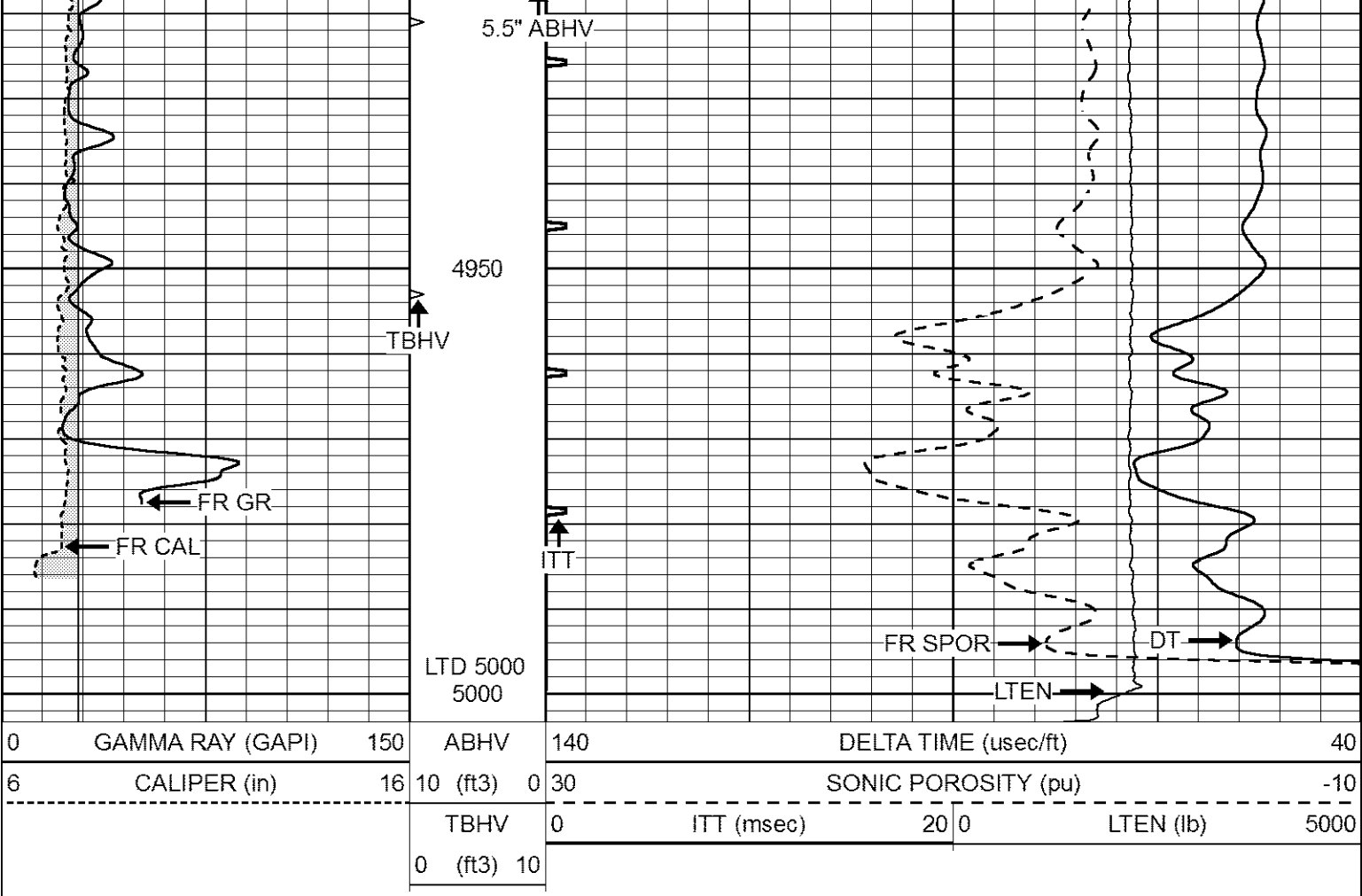
4550

4600

4650







# REPEAT SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 7065pe.db                  |
| Dataset Pathname    | pass6R                     |
| Presentation Format | _slt                       |
| Dataset Creation    | Thu Feb 15 03:18:45 2024   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |            |     |                       |      |
|---|------------------|-----|------------|-----|-----------------------|------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV       | 140 | DELTA TIME (u sec/ft) | 40   |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 | 30  | SONIC POROSITY (pu)   | -10  |
|   |                  |     | TBHV       | 0   | ITT (msec)            | 20   |
|   |                  |     | 0 (ft3) 10 | 0   | LTEN (lb)             | 5000 |

