



# SONIC LOG

Company BEREXCO, LLC.

Well ARNOLD UNIT #13-12

Field ARROYO NORTHEAST

County STANTON State KANSAS

Location: API #: 15-187-21360-0000  
475' FNL & 875' FEL  
SE - NW - NE - NE

SEC 12 TWP 29S RGE 41W

Permanent Datum GROUND LEVEL Elevation 3334

Log Measured From KELLY BUSHING 13' A.G.L.

Drilling Measured From KELLY BUSHING

Other Services  
CDL/CNL/PE  
DIL/MEL

Elevation

K.B. 3347  
D.F. 3345  
G.L. 3334

Date 6/14/23

Run Number TWO

Depth Driller 5560

Depth Logger 5560

Bottom Logged Interval 5562

Top Log Interval 1700

Casing Driller 8 5/8" @ 1741'

Casing Logger 1742

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD CHLORIDES 500 PPM

Density / Viscosity 9.4/65

pH / Fluid Loss 10.0/6.4

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.60 @ 79F

Rmf @ Meas. Temp 1.20 @ 79F

Rmc @ Meas. Temp 1.92 @ 79F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .972 @ 130F

Time Circulation Stopped 5 HOURS

Time Logger on Bottom 6:00 A.M.

Maximum Recorded Temperature 130F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By PETE VOLLMER

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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.

15-187-21360-0000

Comments

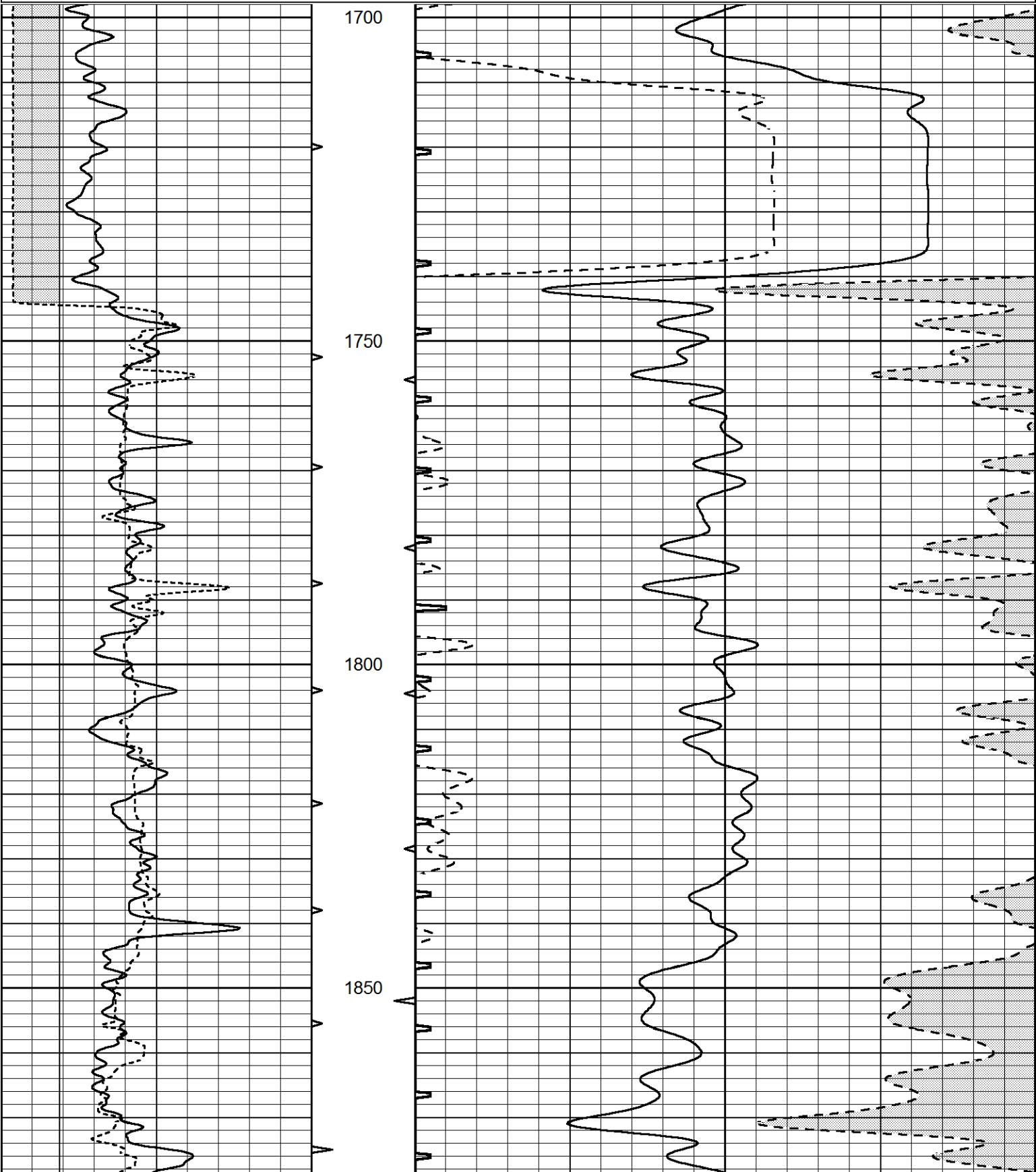
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
DIRECTIONS  
JOHNSON CITY, KS., (HWY 160 & RD. L), 2S. TO "RD. 14", 1/4W., S. INTO

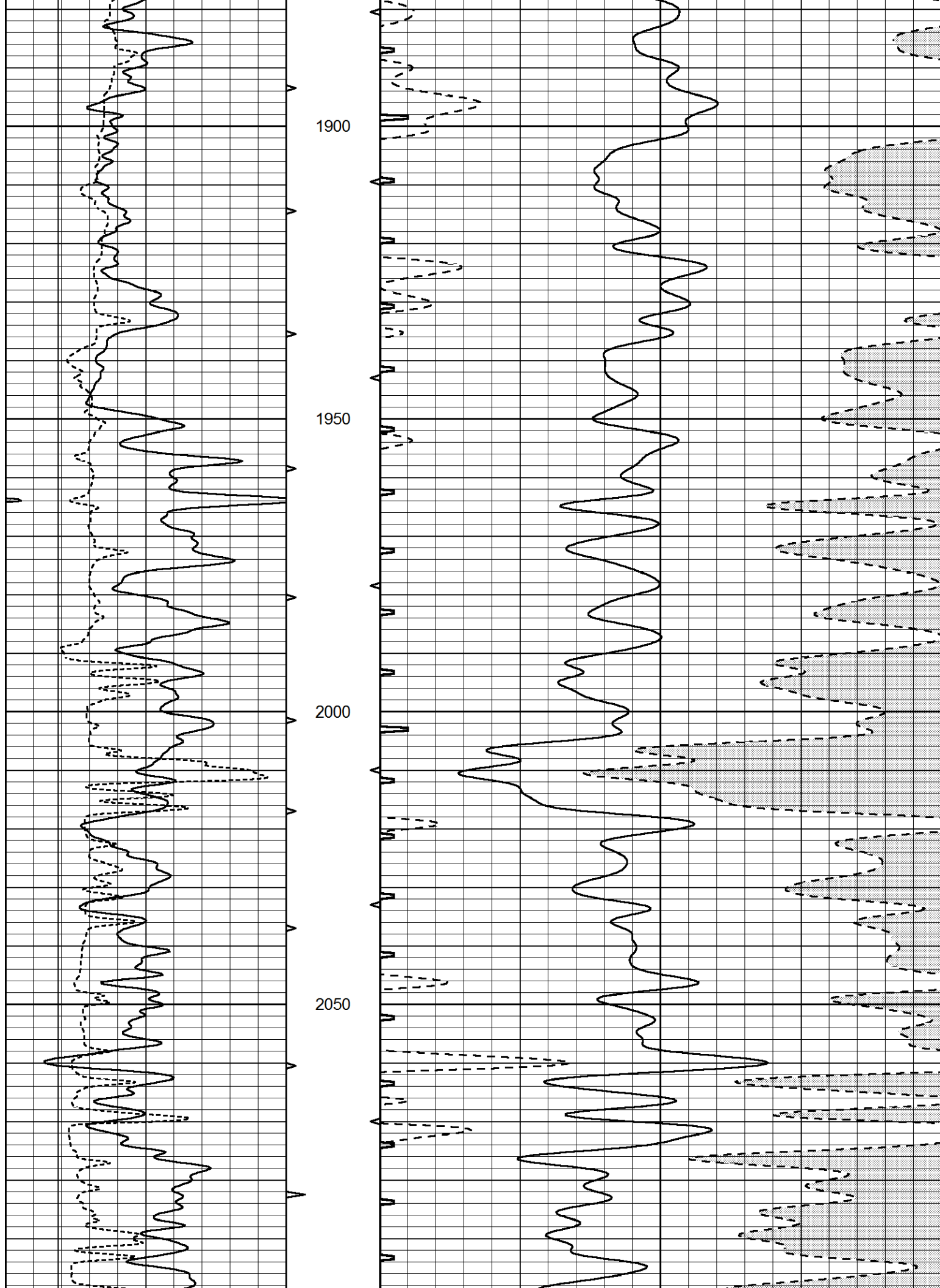


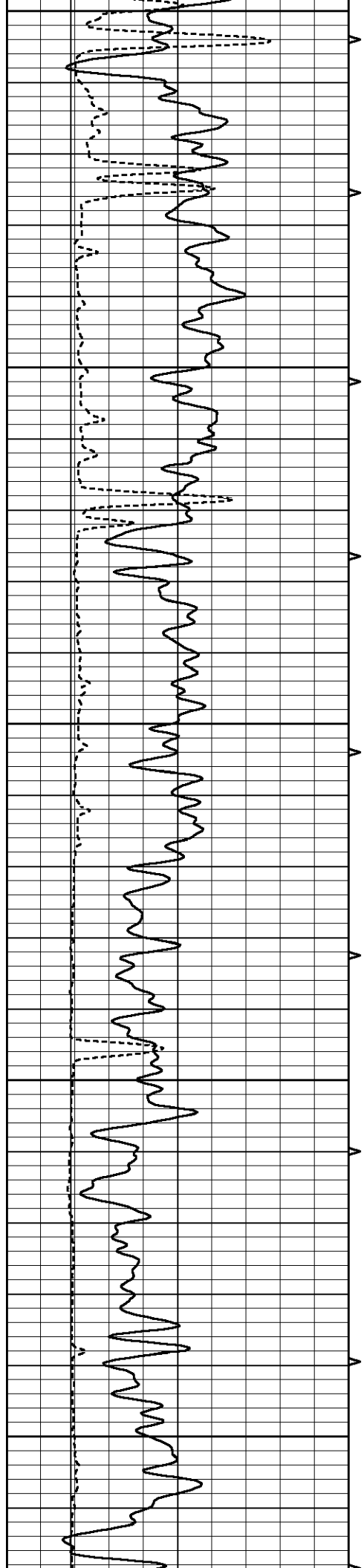
# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 7895pe.db                  |
| Dataset Pathname    | pass6.2S                   |
| Presentation Format | slt                        |
| Dataset Creation    | Wed Jun 14 08:03:43 2023   |
| 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  |                      |                     |    |     |







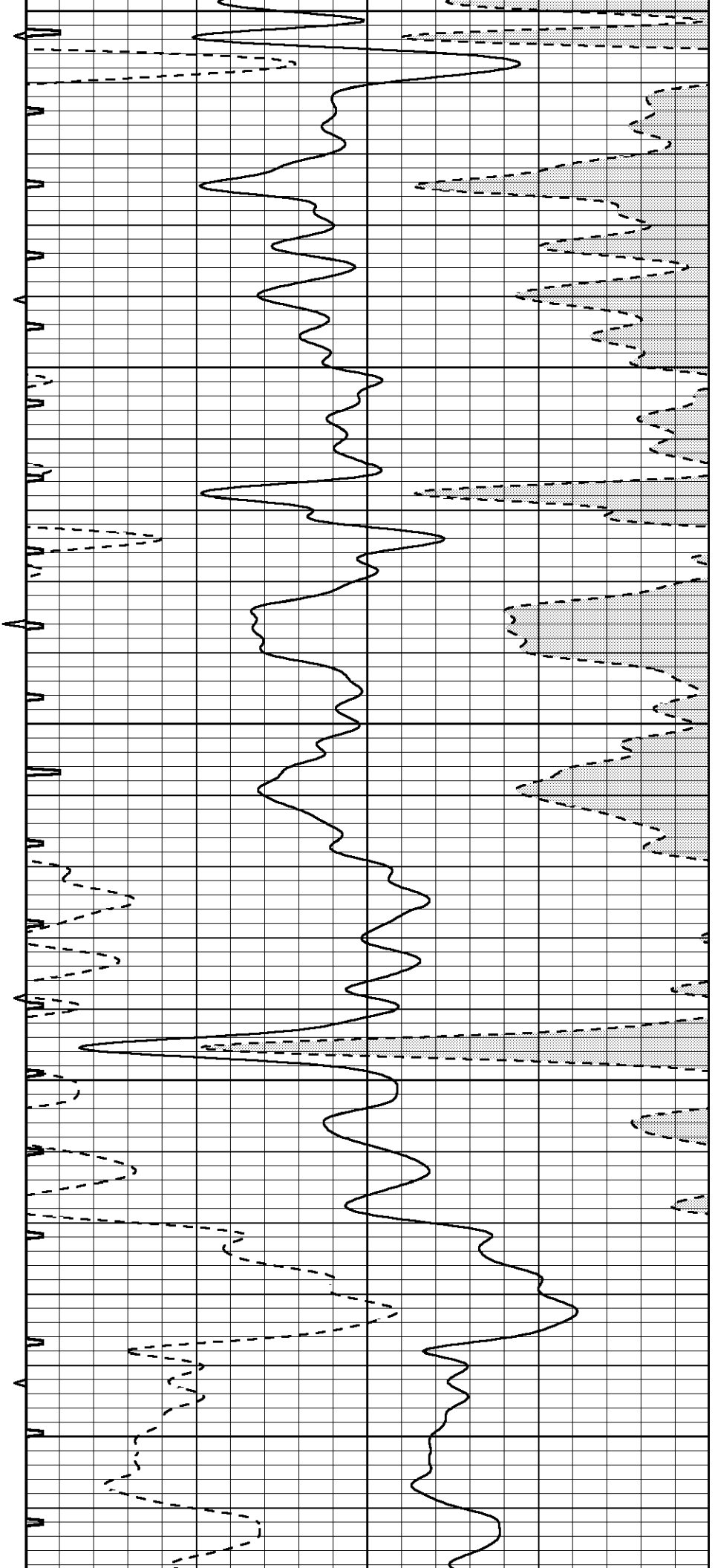
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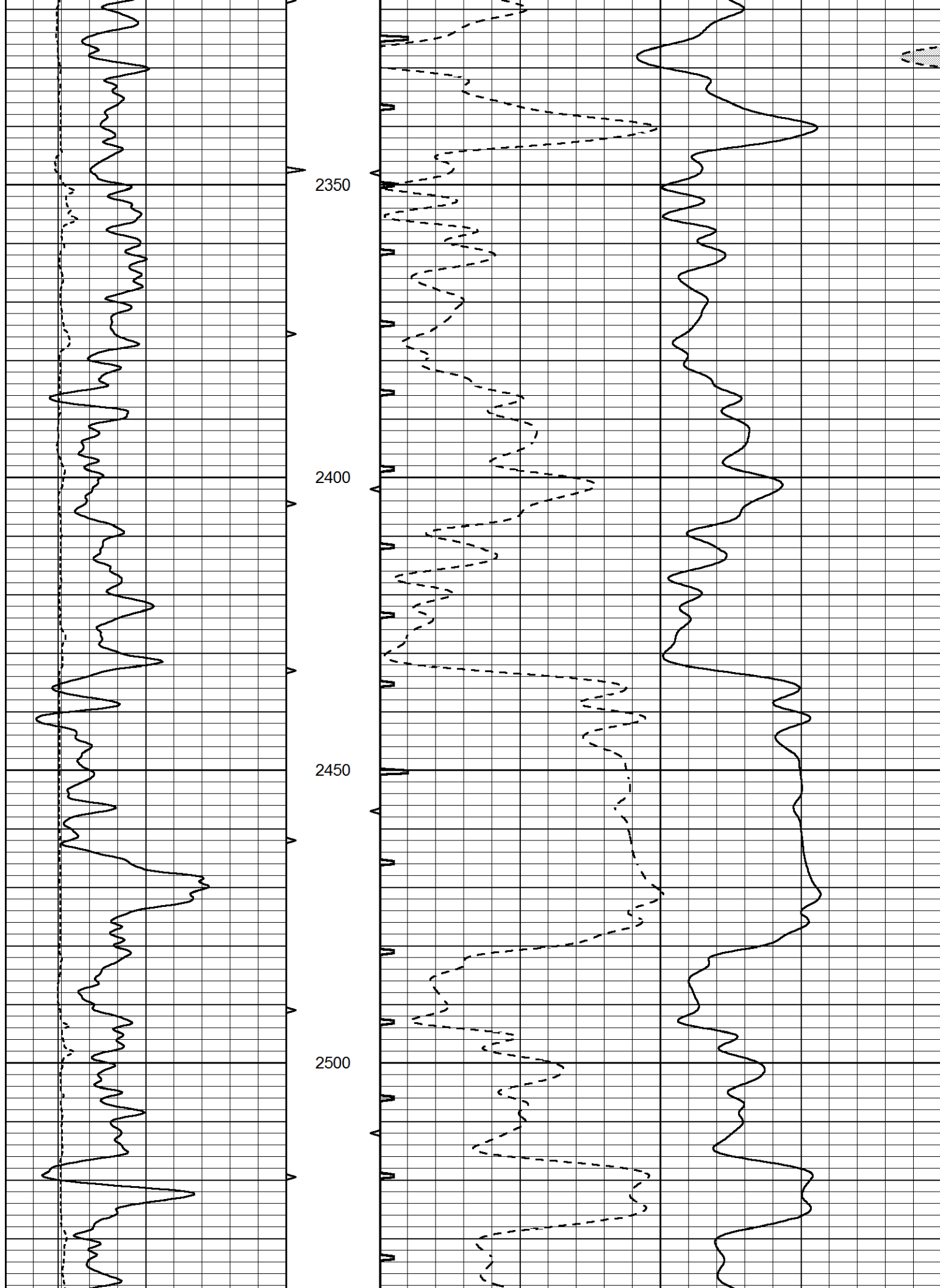
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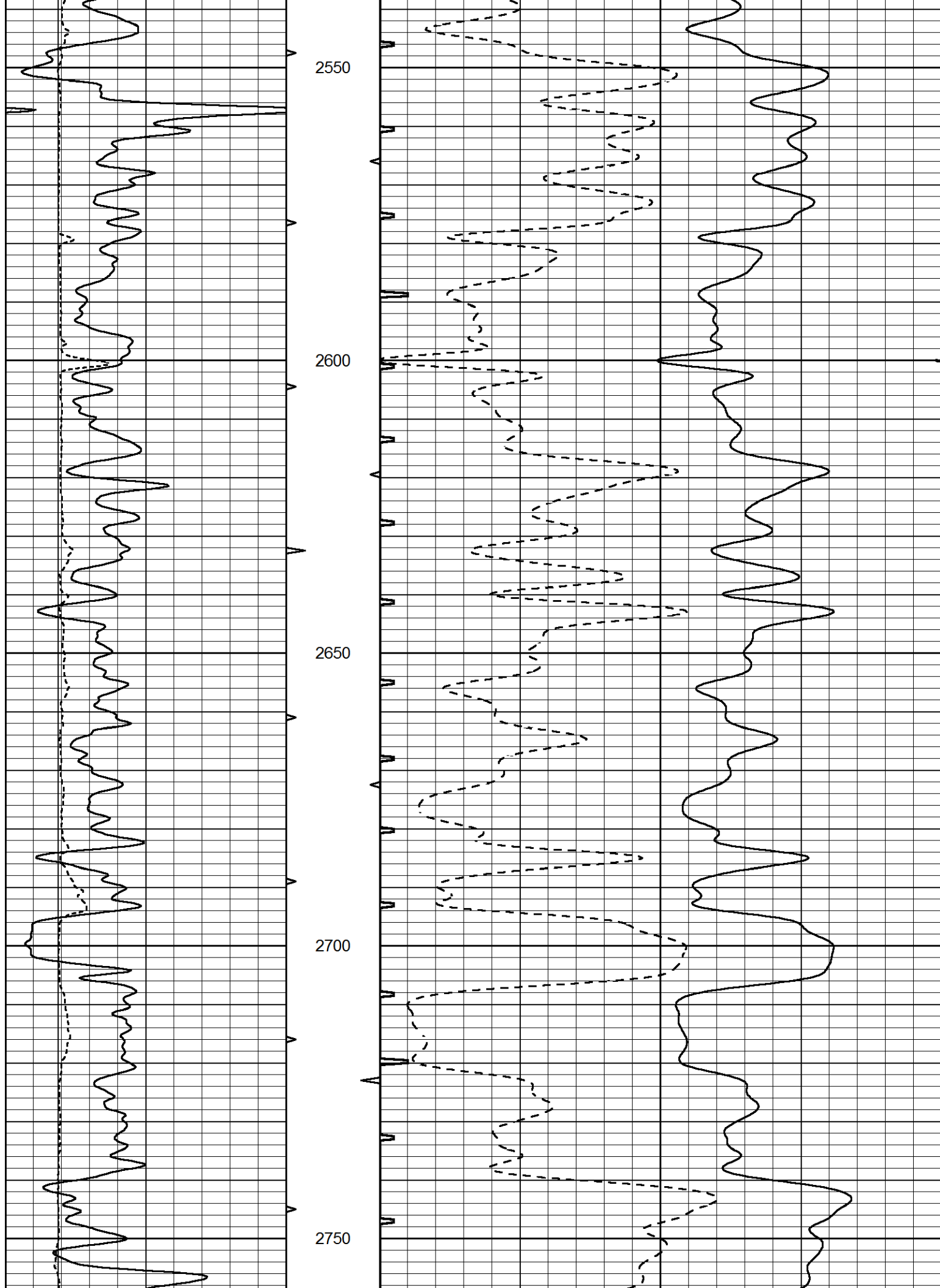
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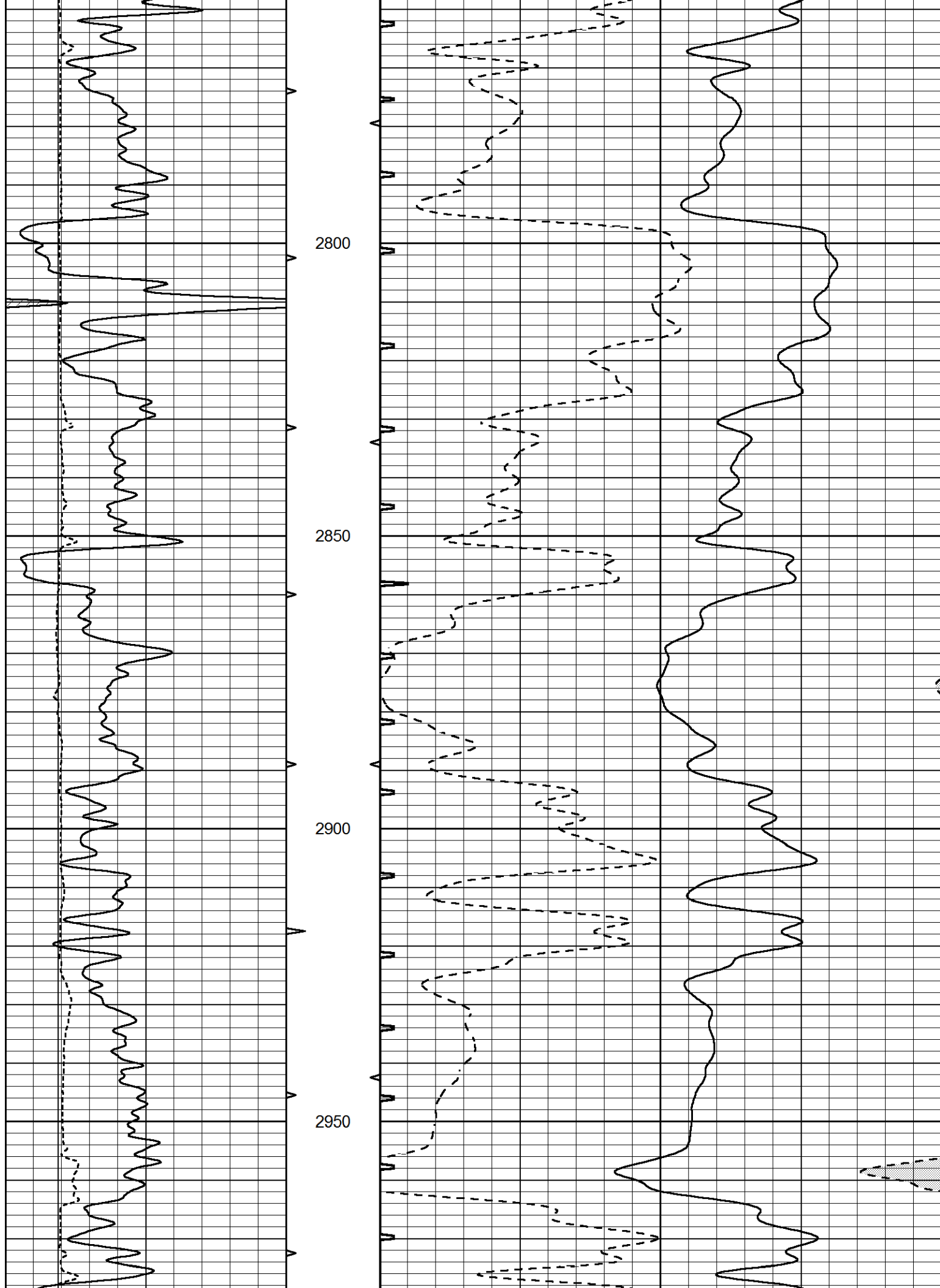
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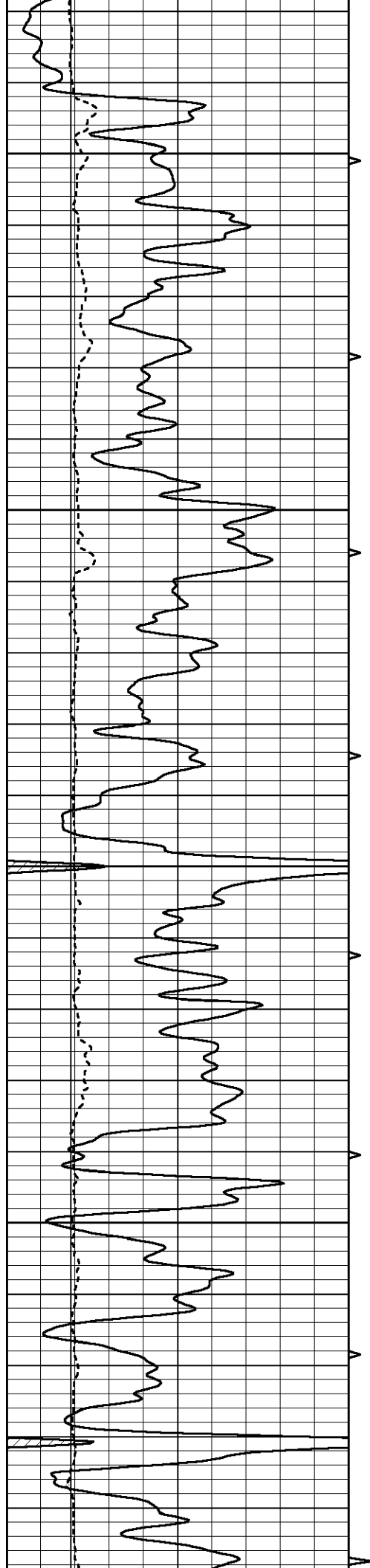
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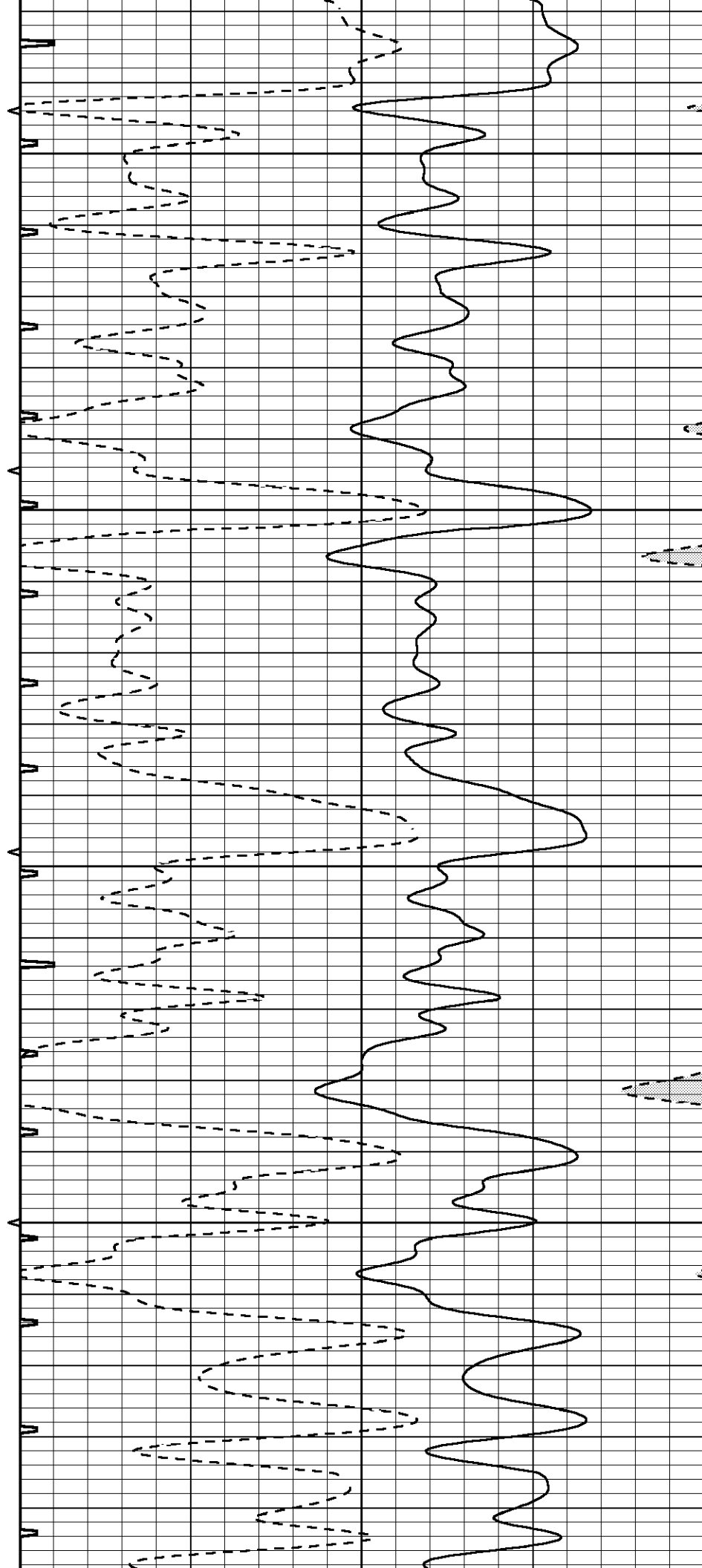


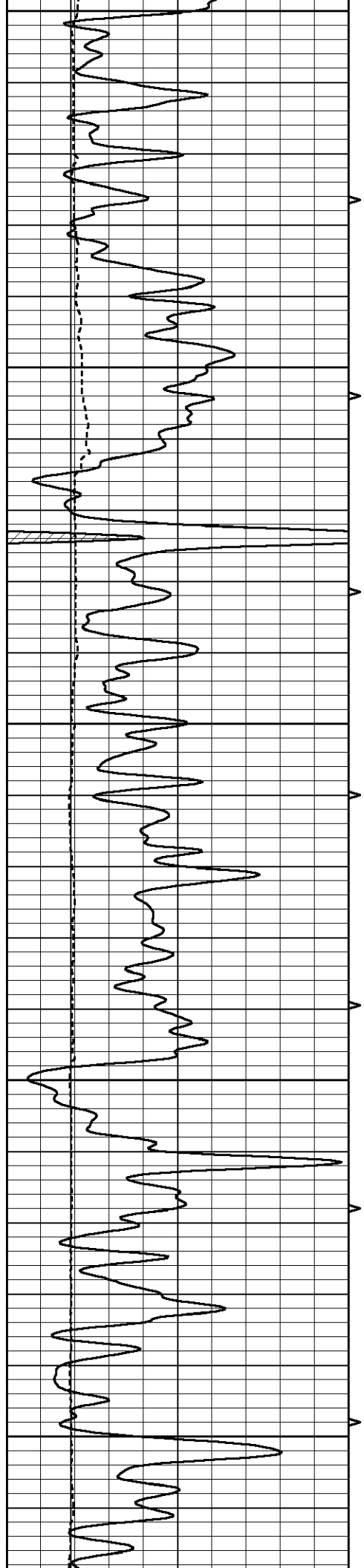
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3050

3100

3150





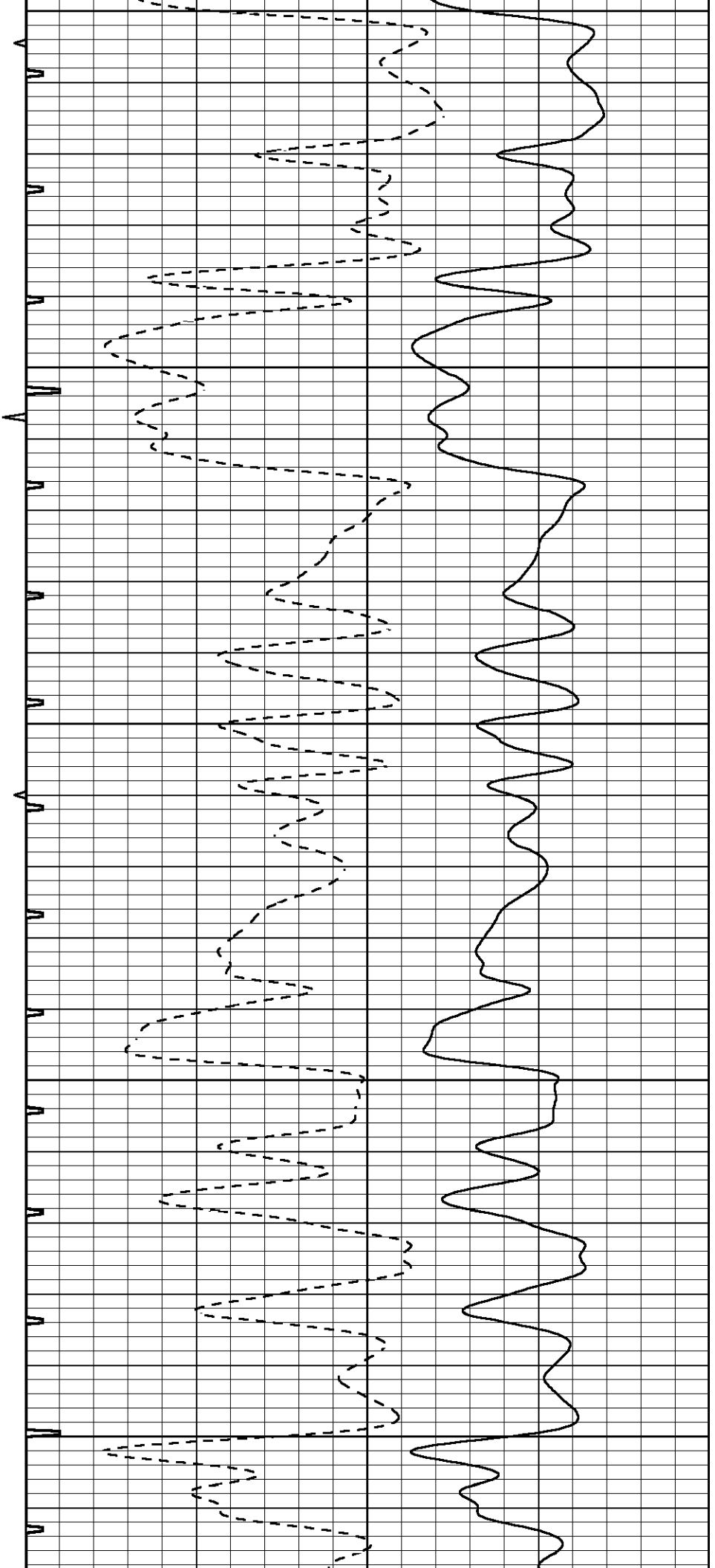
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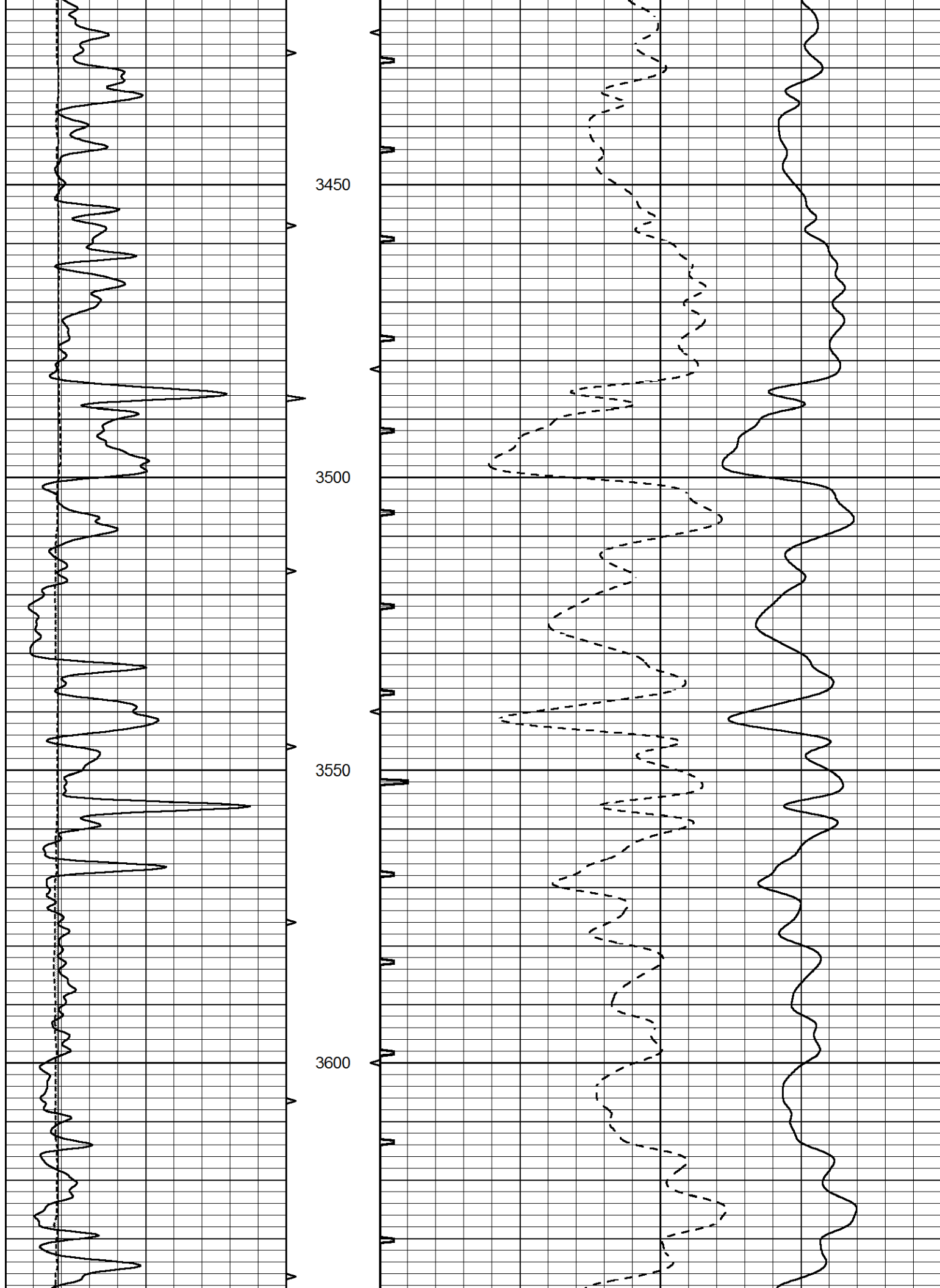
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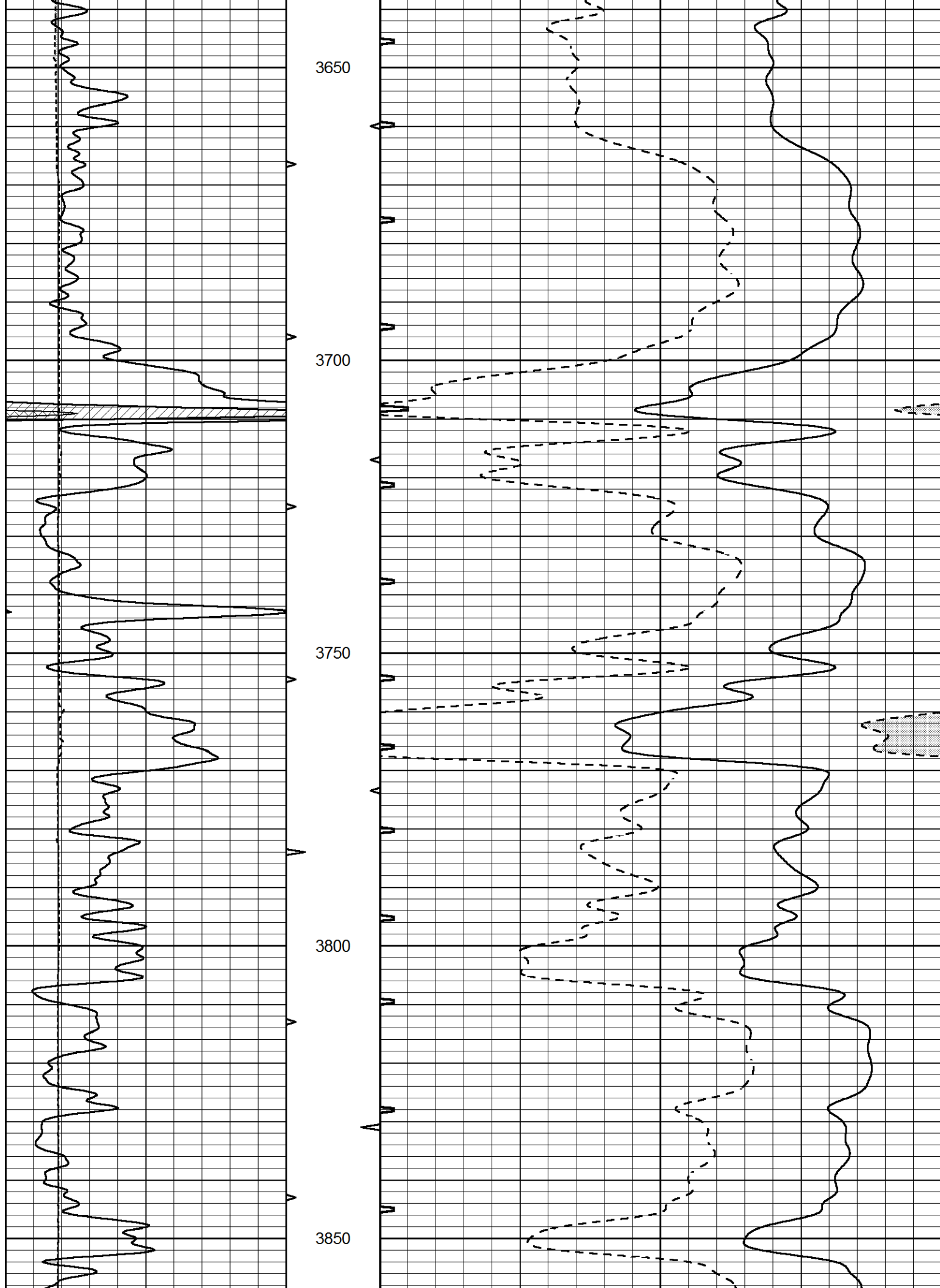
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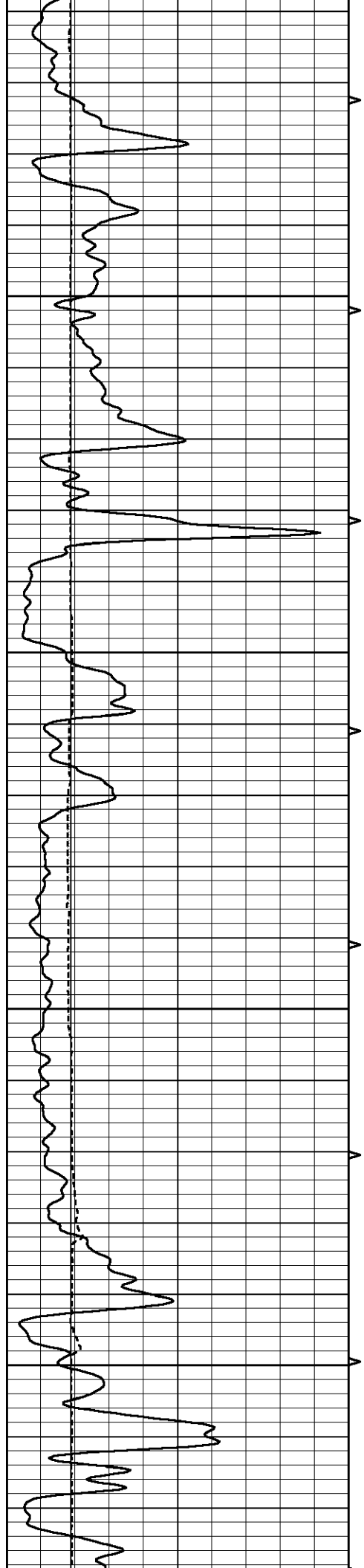
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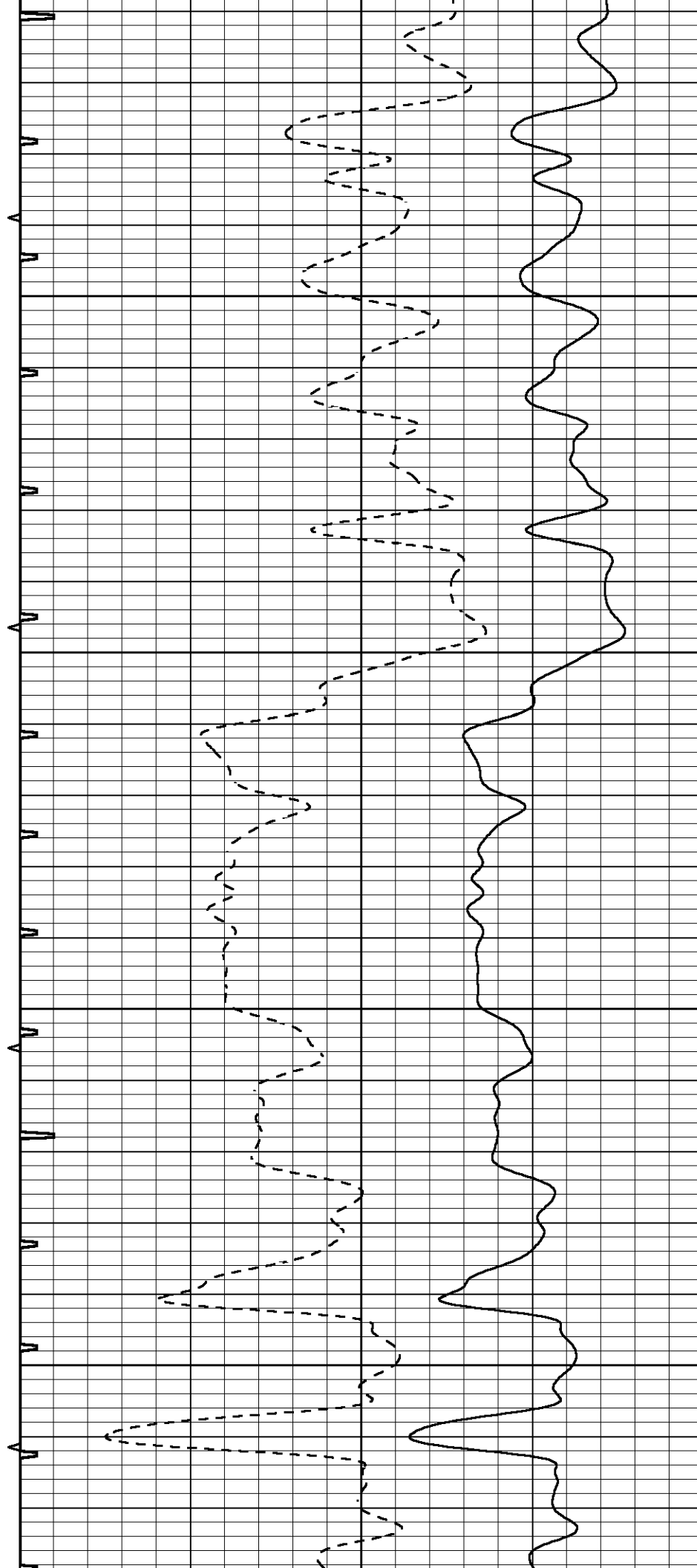


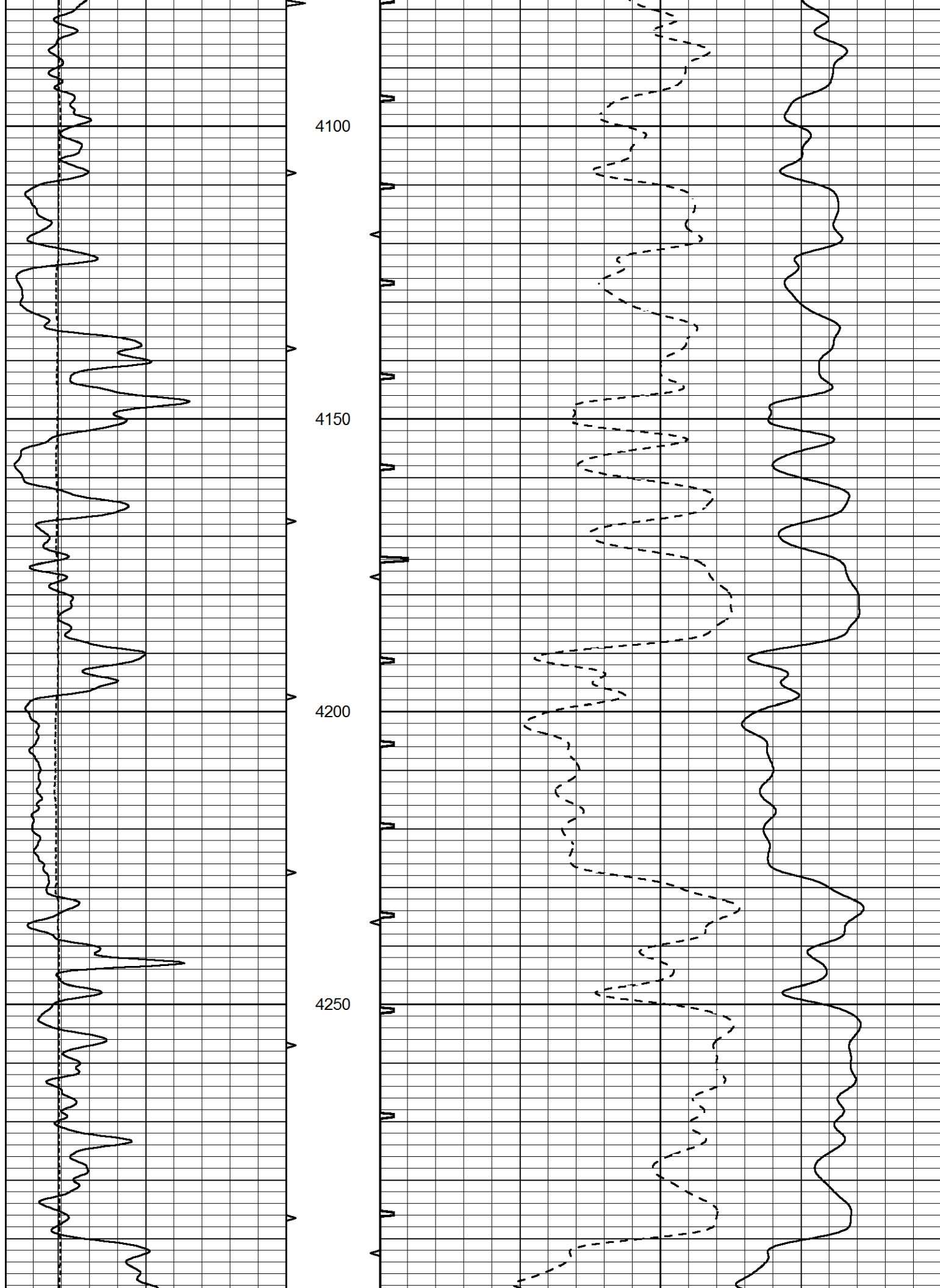
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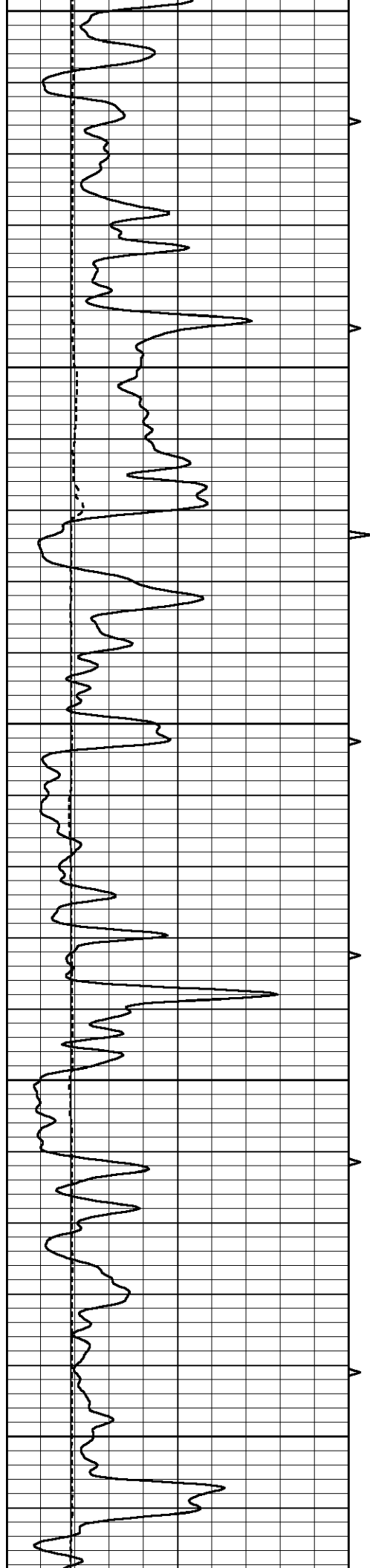
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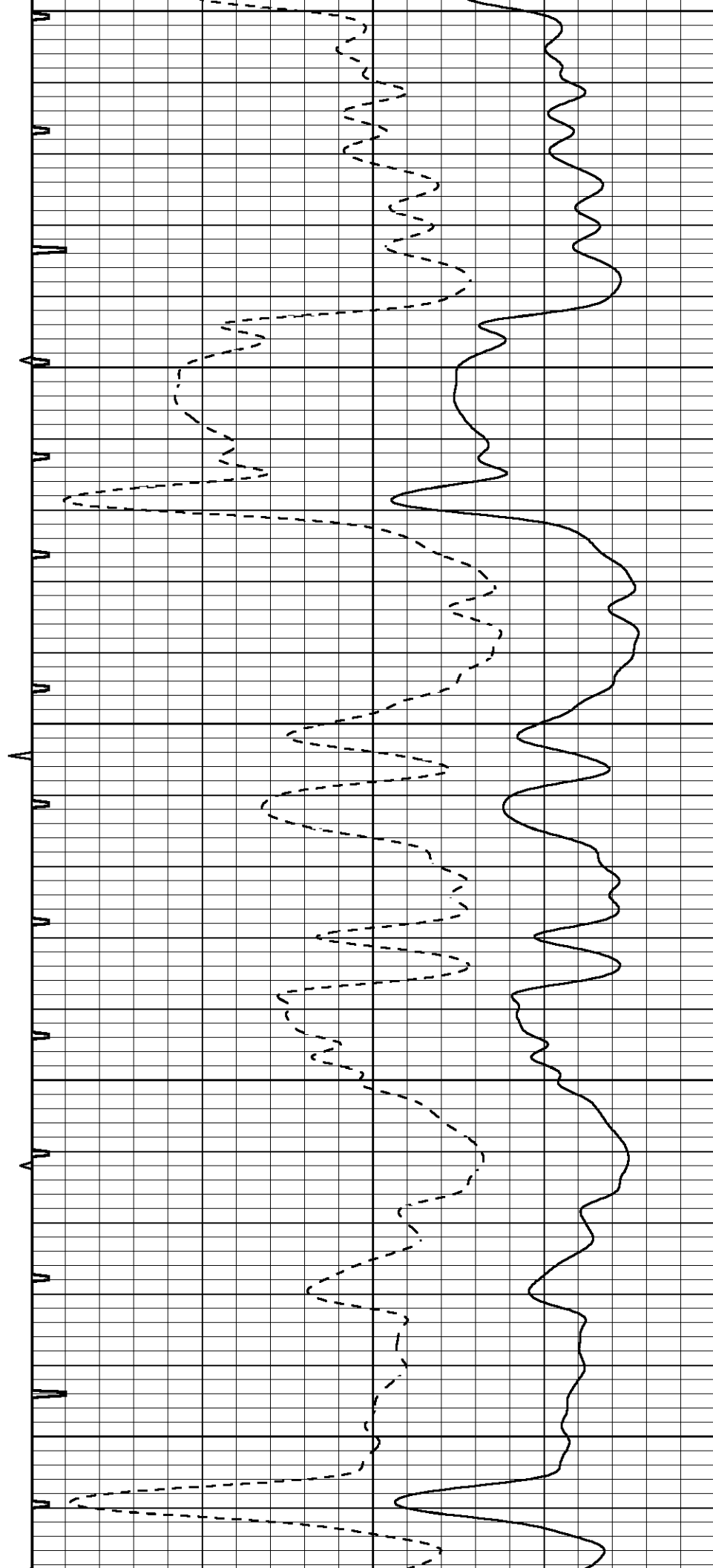
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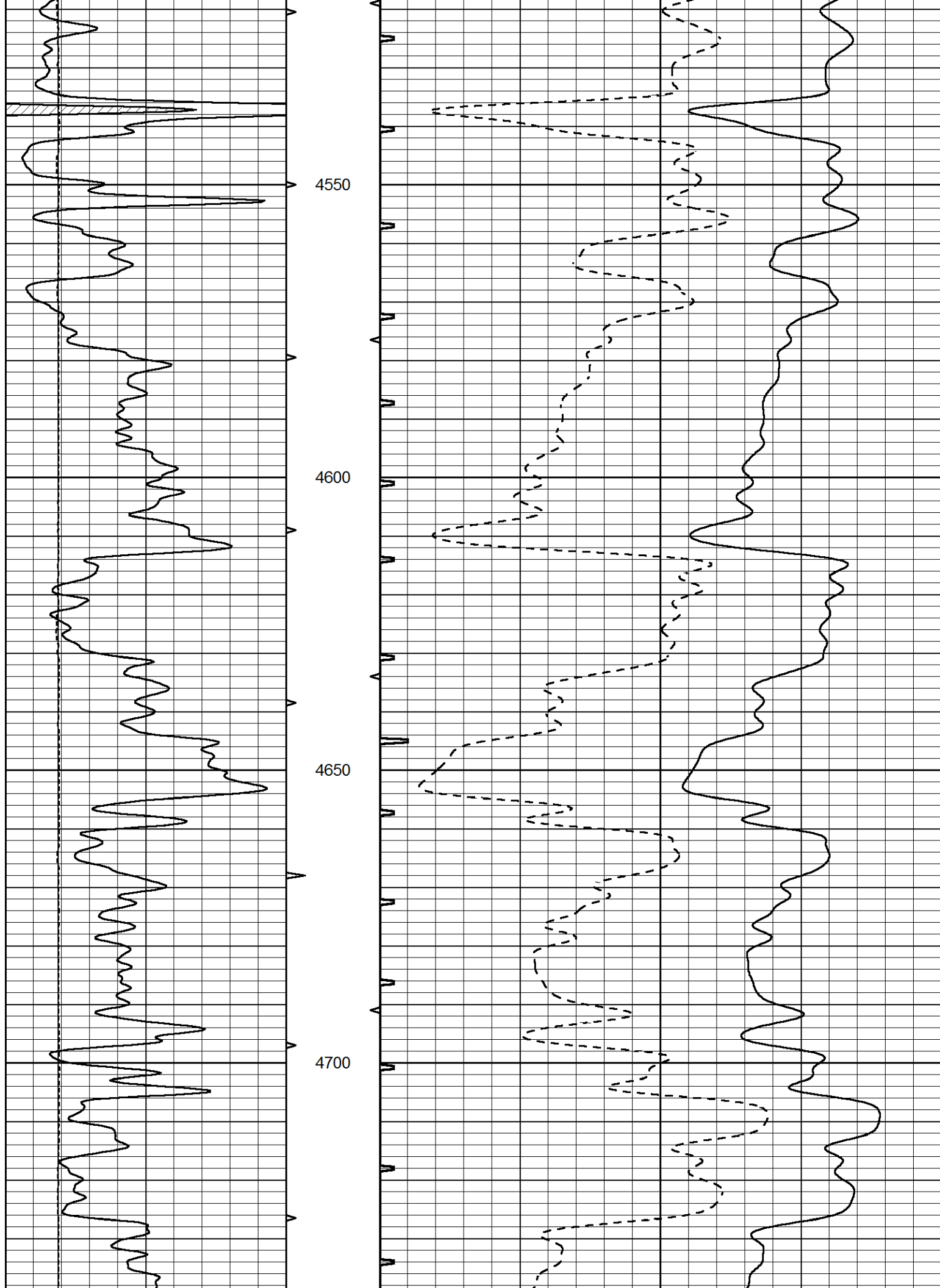
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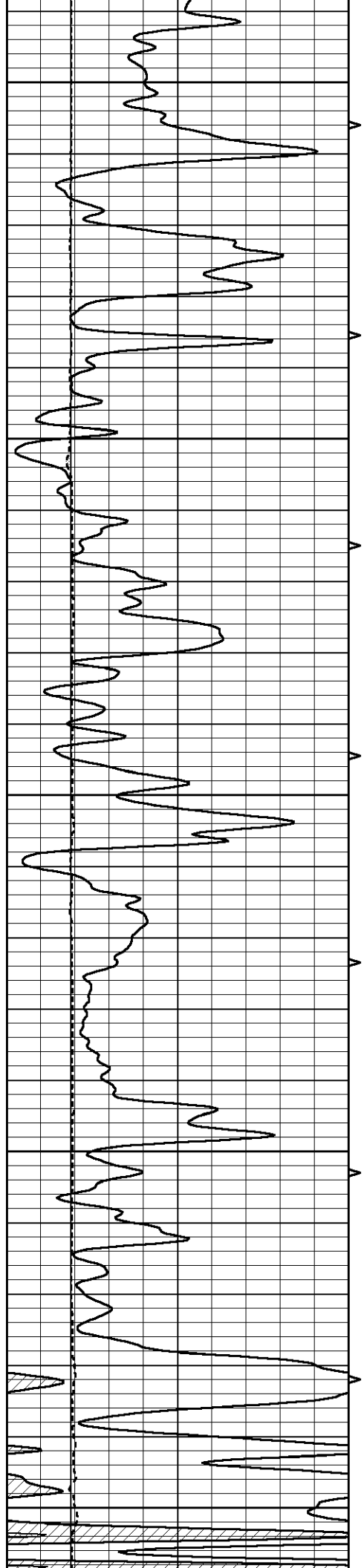
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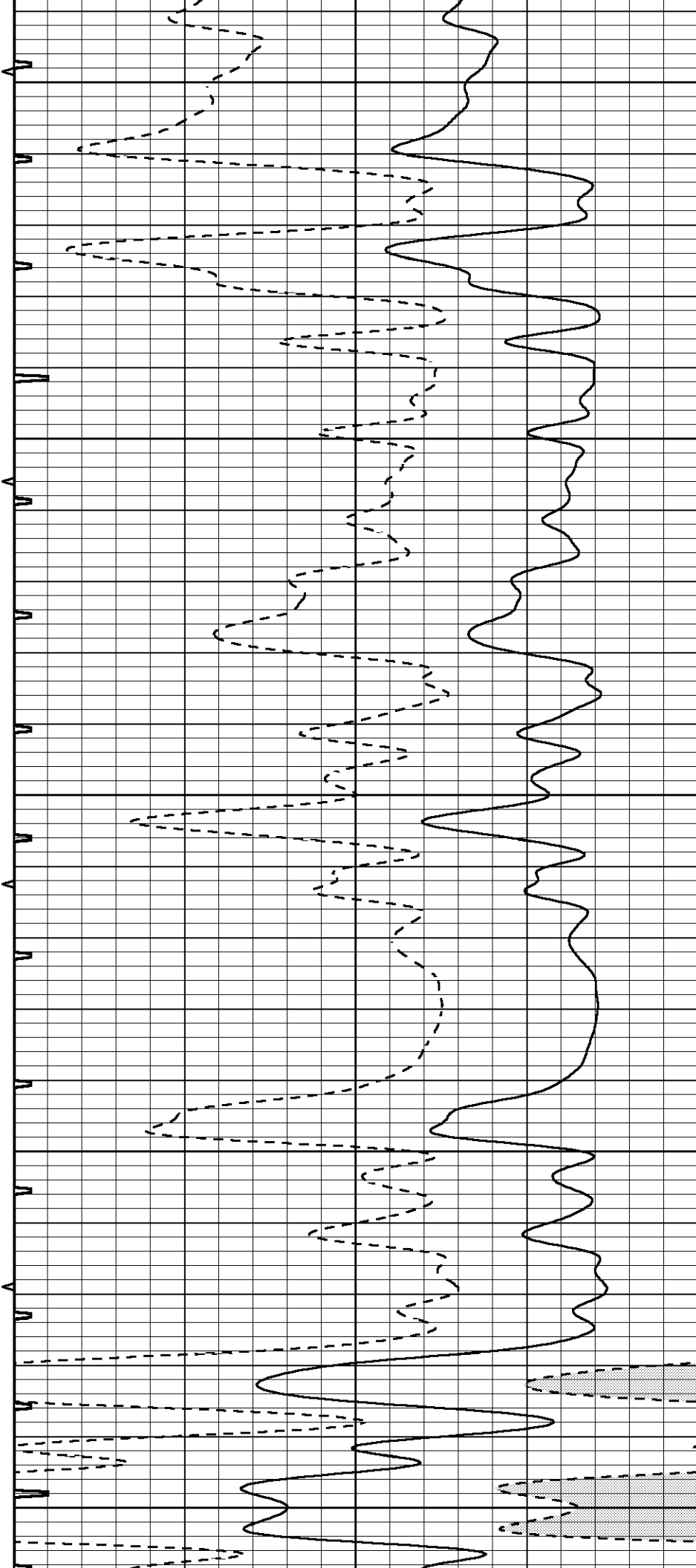
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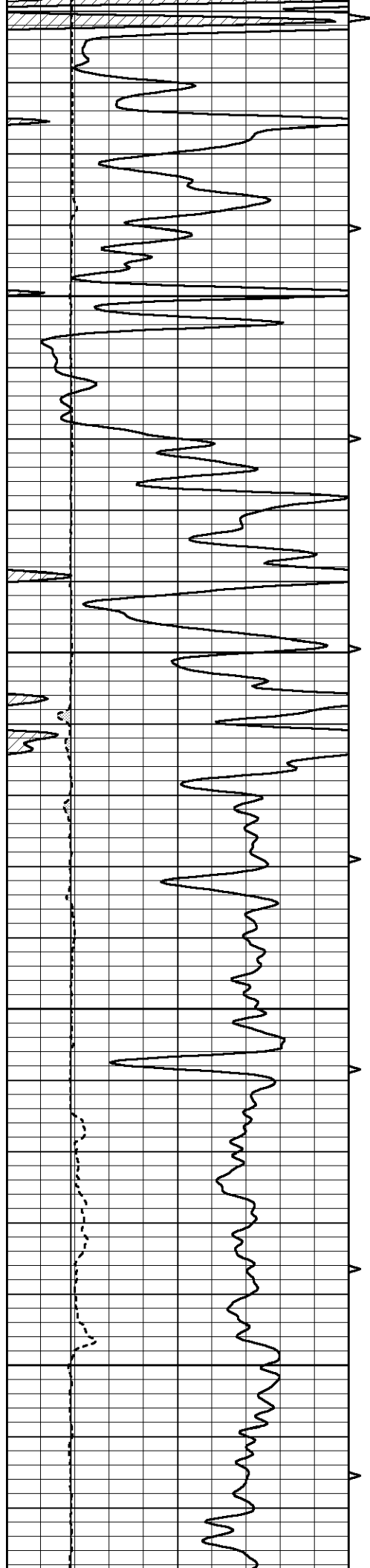
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4950



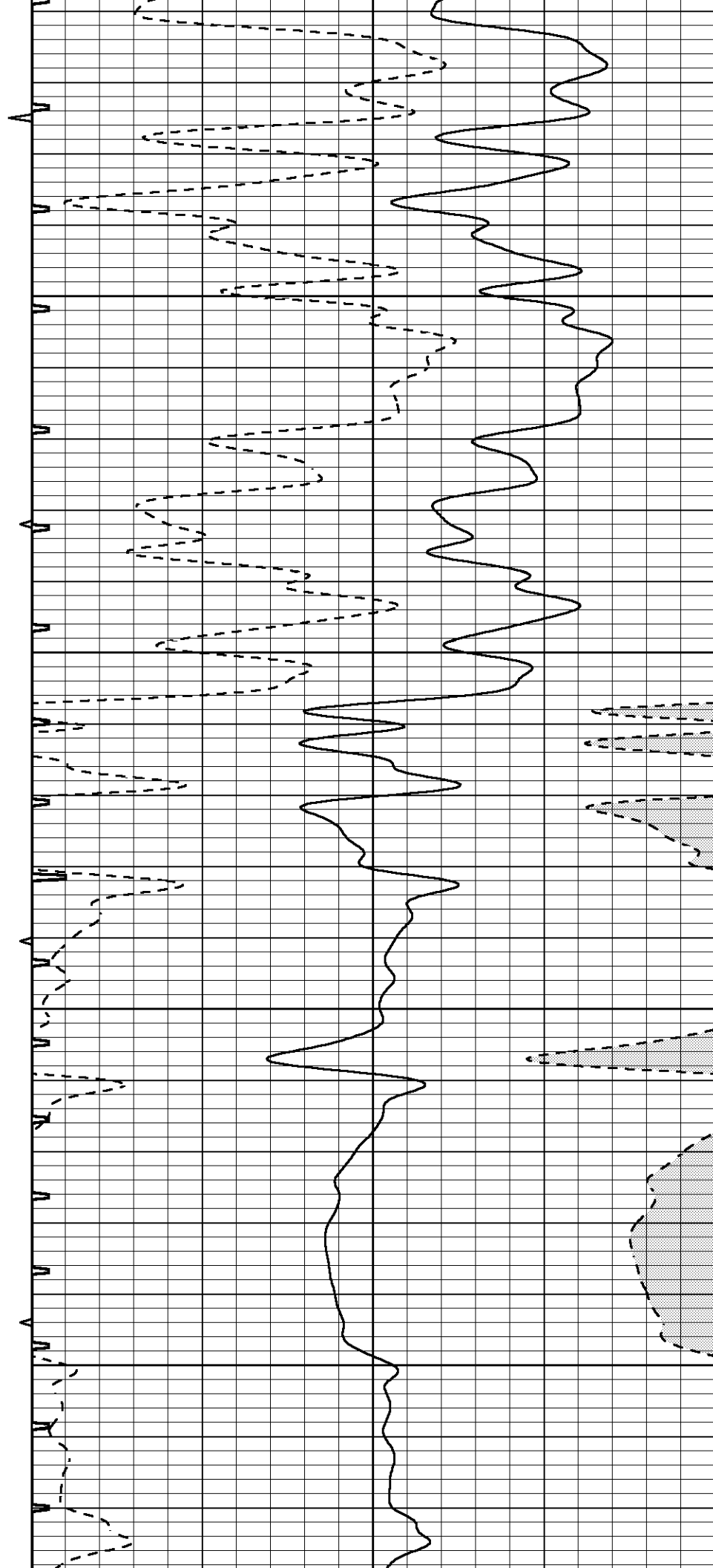


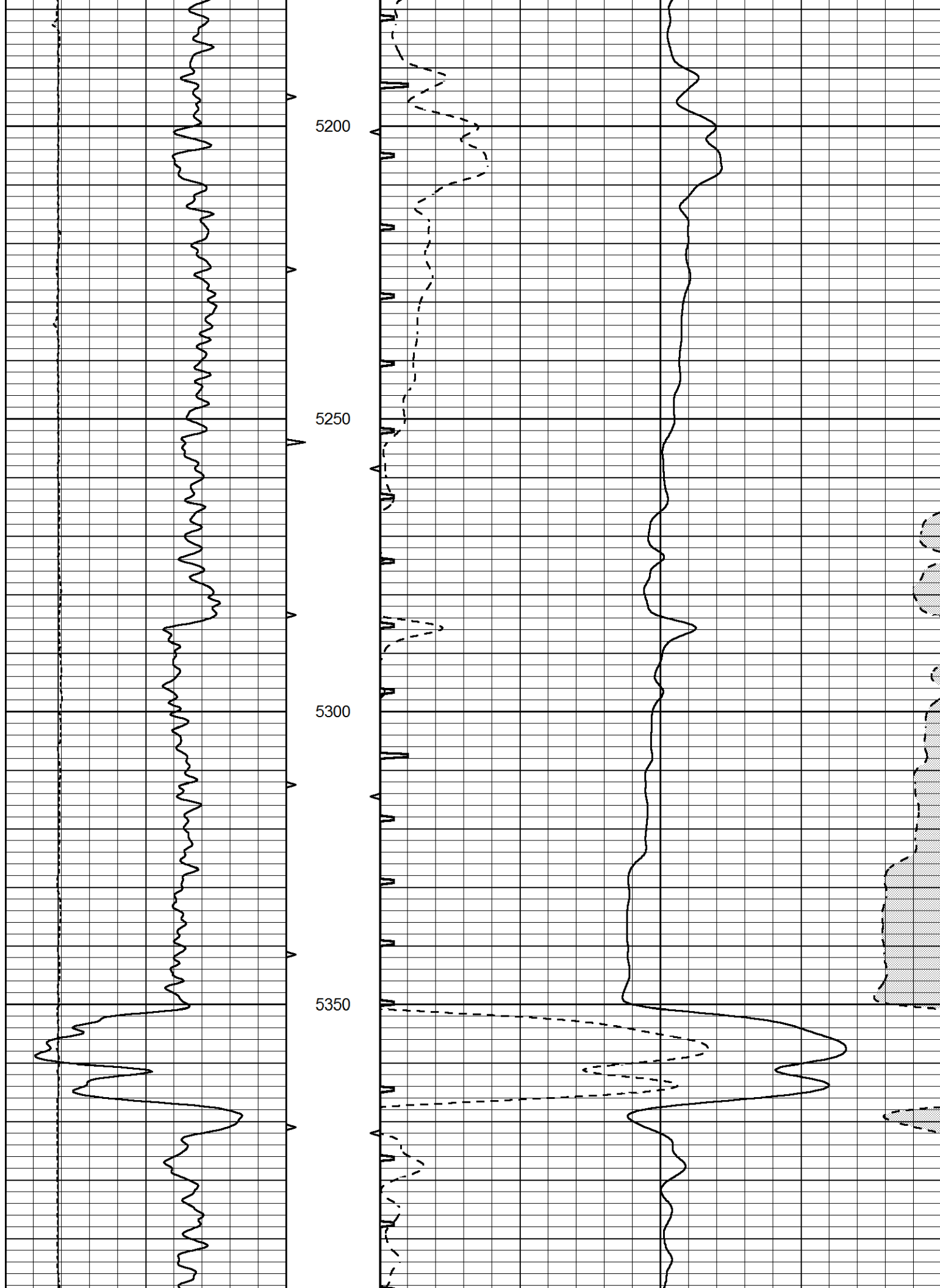
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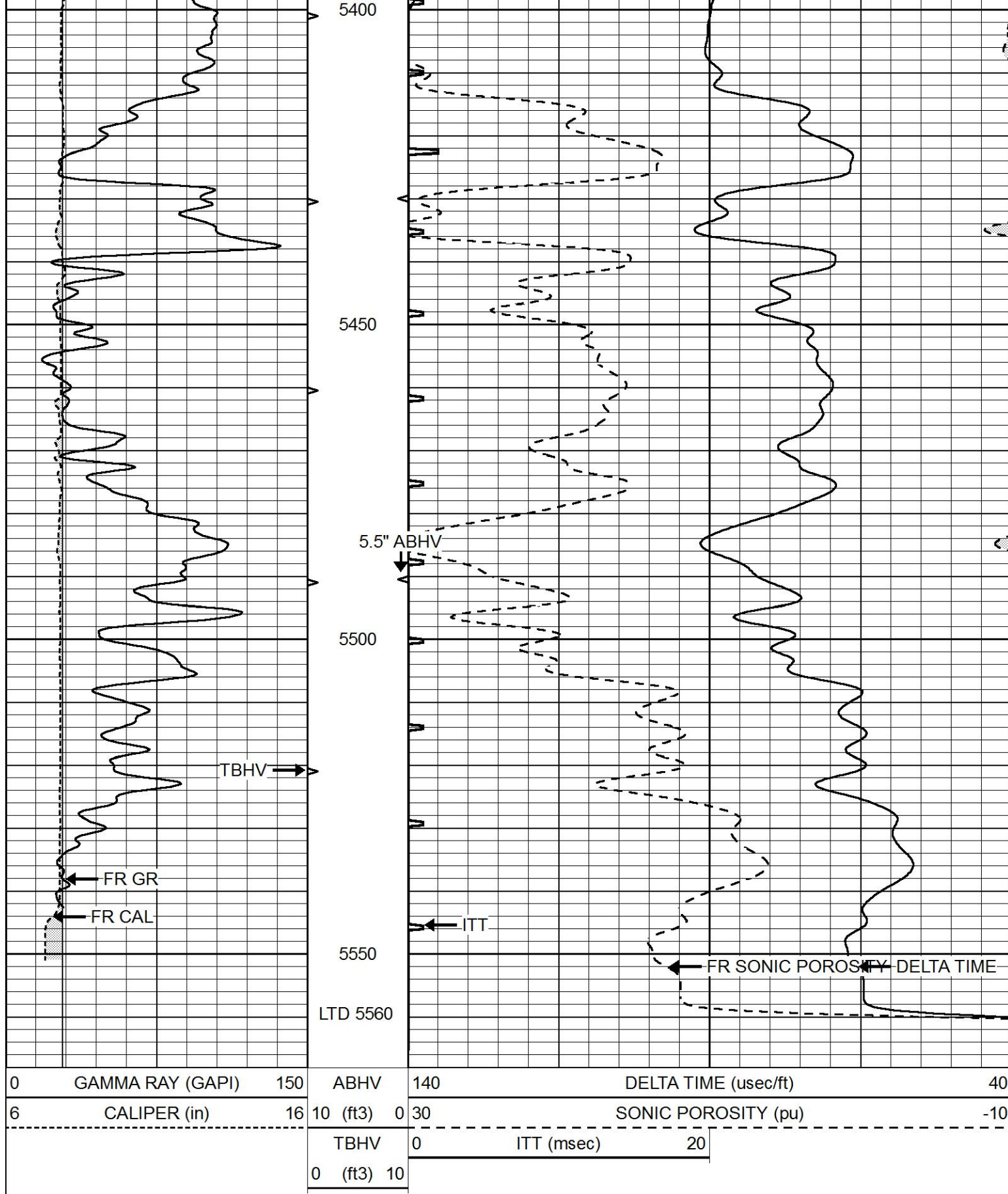
5050

5100

5150







# REPEAT SECTION

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

