



Casedhole Solutions

SONIC LOG

Company RED OAK ENERGY, INC.
 Well JOHNSON VIEW#1-30
 Field WILD CAT
 County WALLACE
 State KANSAS

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 Well JOHNSON VIEW #1-30
 Field WILD CAT
 County WALLACE State KANSAS

Location: API # : 15-199-20434-0000
 115' FSL & 1940' FWL
 SE - SW - SE - SW
 Permanent Datum GROUND LEVEL Elevation 3239
 Log Measured From KELLY BUSHING 5' A.G.L.
 Drilling Measured From KELLY BUSHING
 SEC 30 TWP 13S RGE 38W
 Other Services CDL/CNL DIL/MEL
 Elevation K.B. 3244 D.F. 3242 G.L. 3239

| | |
|------------------------------|---------------|
| Date | 12/7/15 |
| Run Number | TWO |
| Depth Driller | 4810 |
| Depth Logger | 4812 |
| Bottom Logged Interval | 4804 |
| Top Log Interval | 300 |
| Casing Driller | 8 5/8"@346' |
| Casing Logger | 336 |
| Bit Size | 7 7/8" |
| Type Fluid in Hole | CHEMICAL MUD |
| Density / Viscosity | 9.3/54 |
| pH / Fluid Loss | 9.0/9.6 |
| Source of Sample | FLOWLINE |
| Rim @ Meas. Temp | .600@70F |
| Rmf @ Meas. Temp | .450@70F |
| Rmc @ Meas. Temp | .720@70F |
| Source of Rmf / Rmc | MEASUREMENT |
| Rim @ BHT | .341@123F |
| Time Circulation Stopped | 4.5 HOURS |
| Time Logger on Bottom | 11:45 P.M. |
| Maximum Recorded Temperature | 123F |
| Equipment Number | 22339 |
| Location | HAYS, KANSAS |
| Recorded By | JEFF LUEBBERS |
| Witnessed By | SEAN DEENIHAN |

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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.

Comments

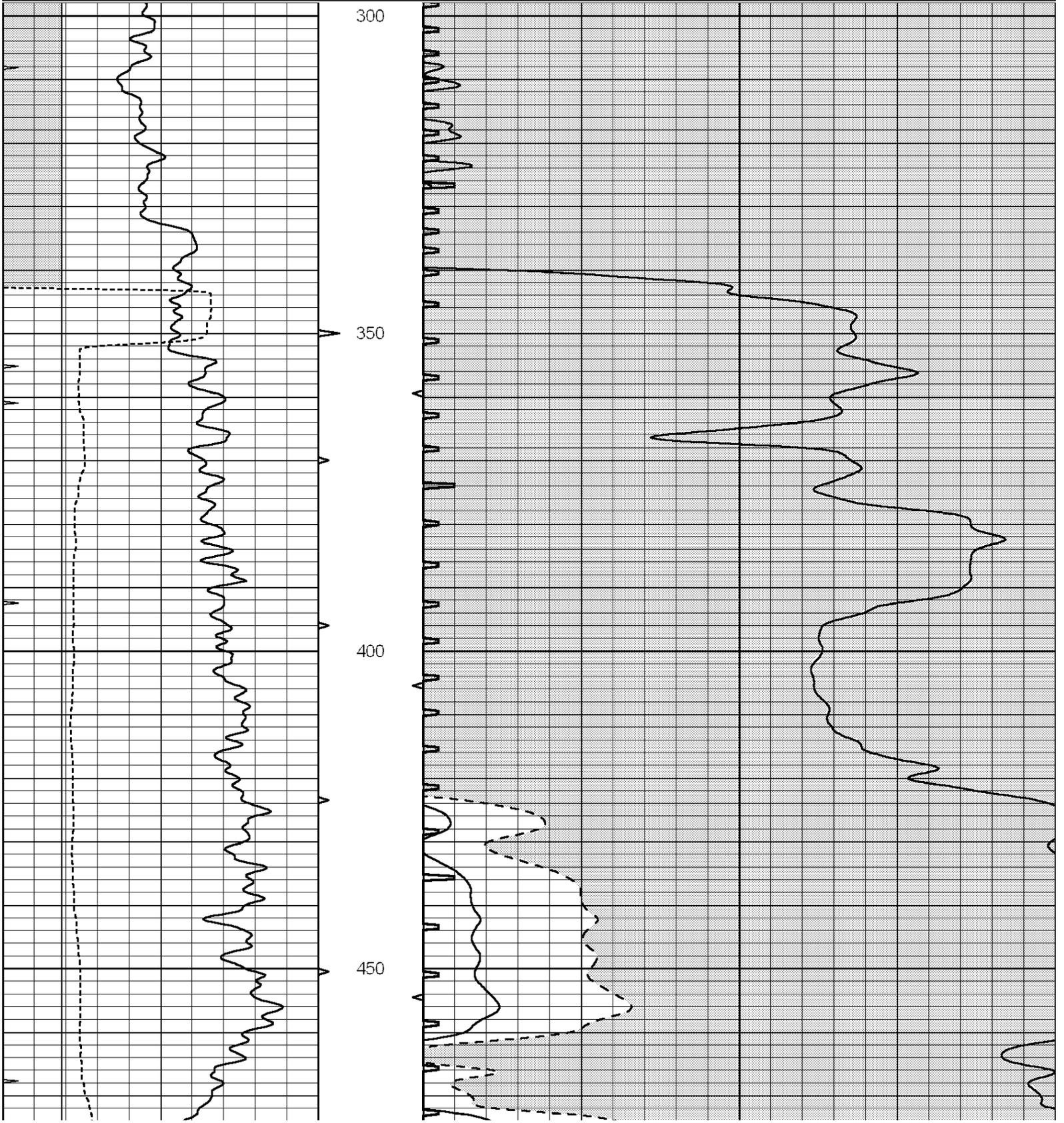
THANK YOU FOR USING C & J ENERGY (CASED HOLE SOLUTIONS) HAYS, KANSAS (785) 628-6395
 DIRECTIONS
 WALLACE, KS., 1 1/2S. OF OLD 40 HWY, 1/2E. INTO

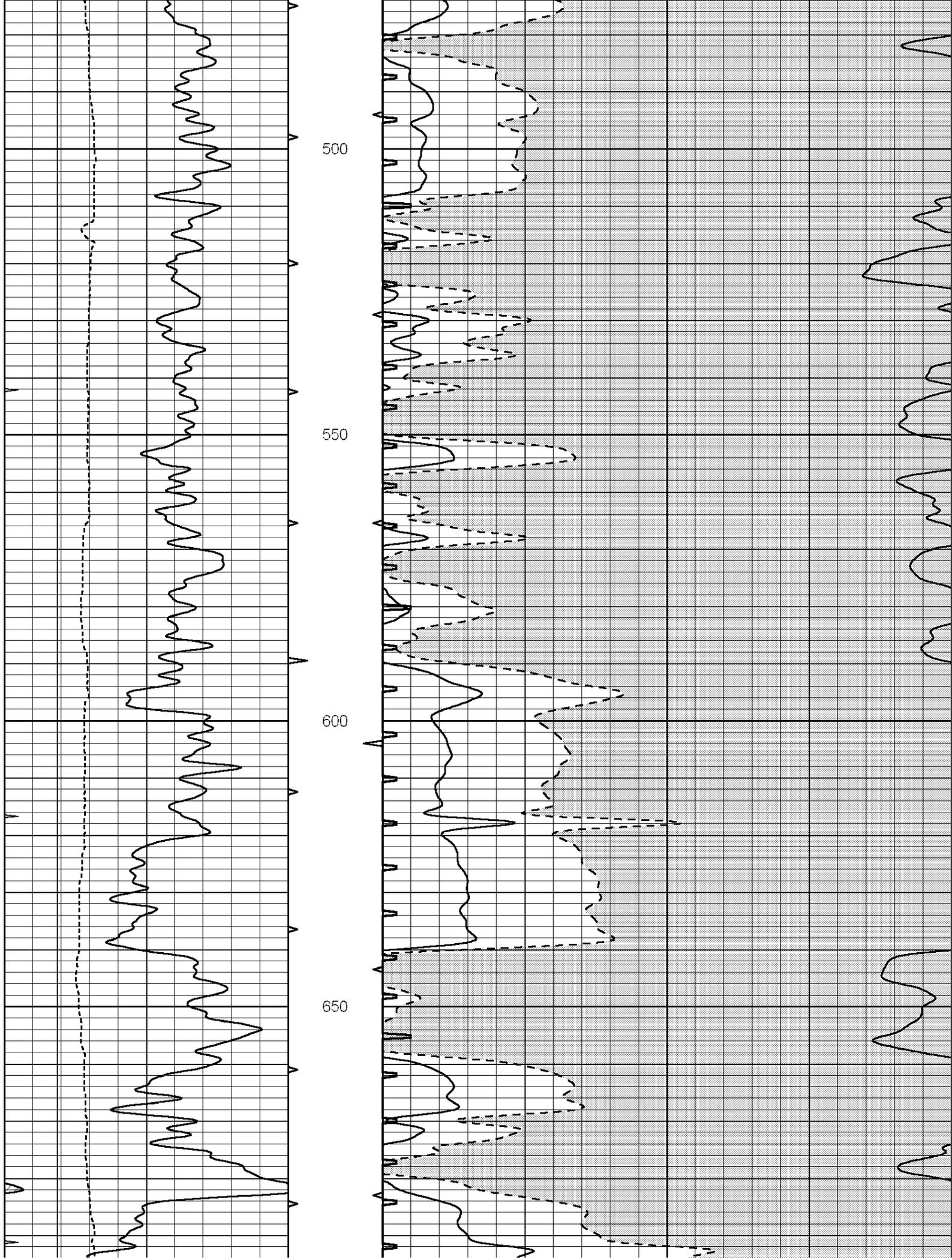


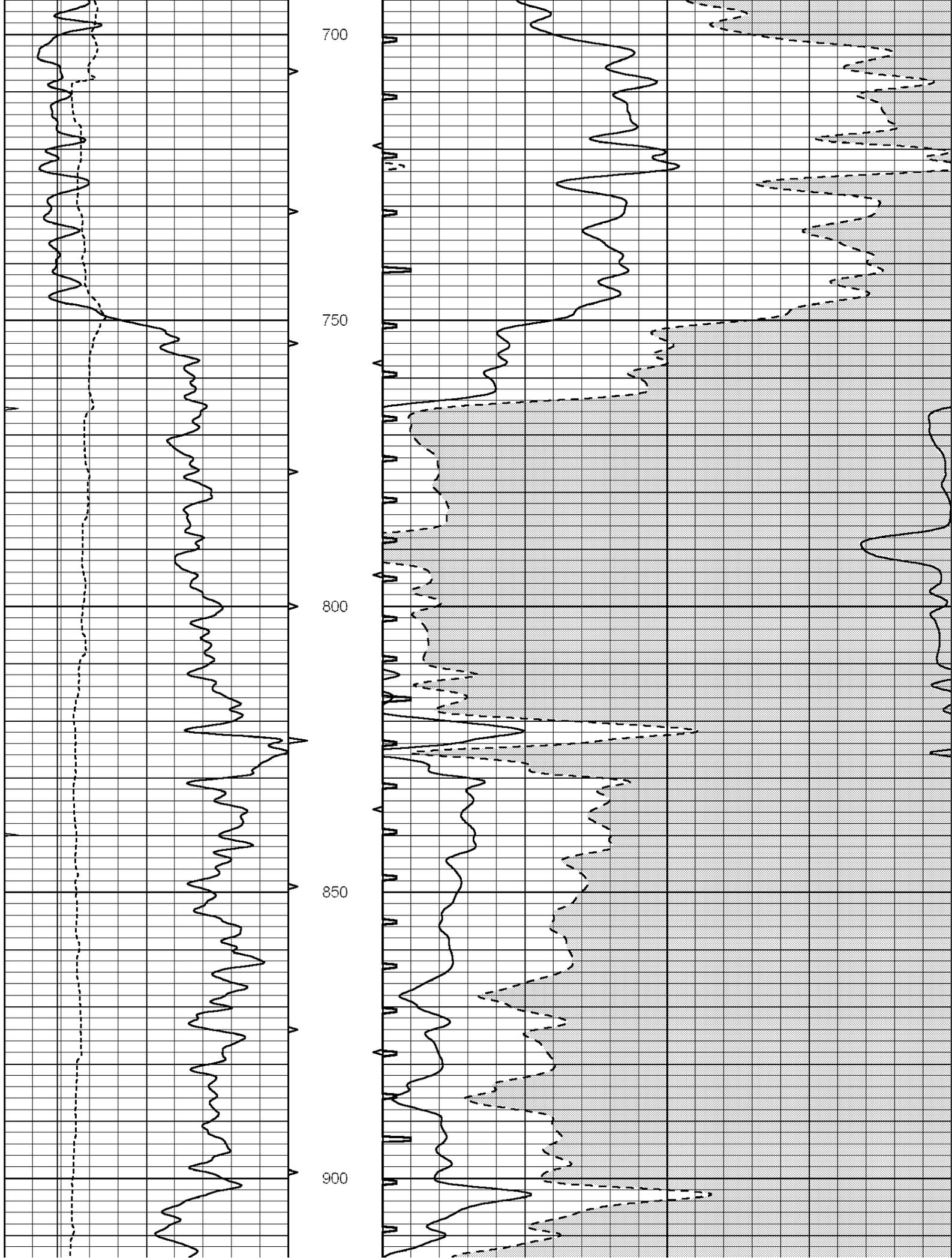
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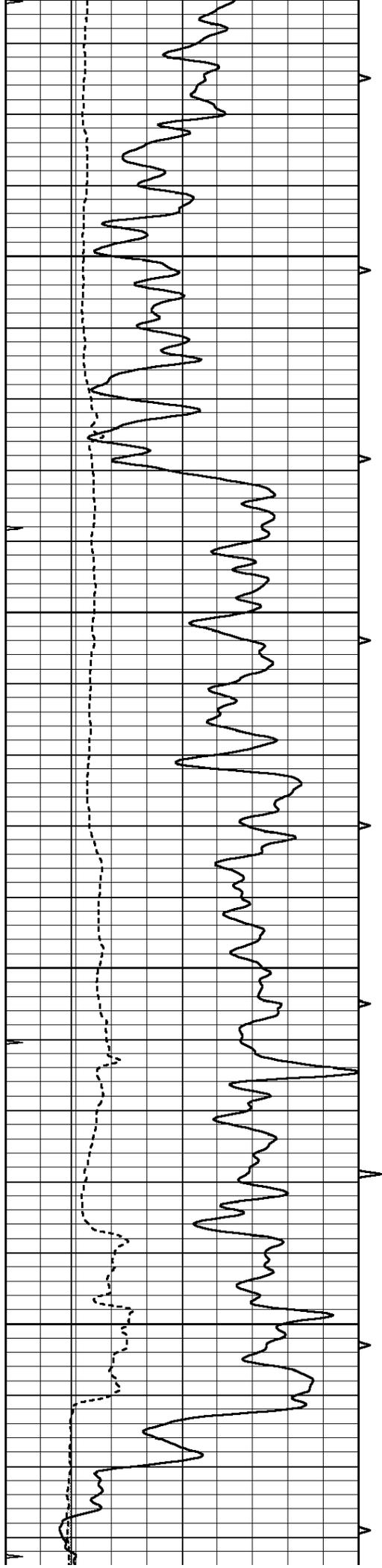
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|---|------------------|-----|------------|-----|----------------------|-----|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV | 140 | DELTA TIME (usec/ft) | 40 |
| 6 | CALIPER (in) | 16 | 10 (ft3) 0 | 30 | SONIC POROSITY (pu) | -10 |
| 0 | MINMK | 20 | TBHV |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







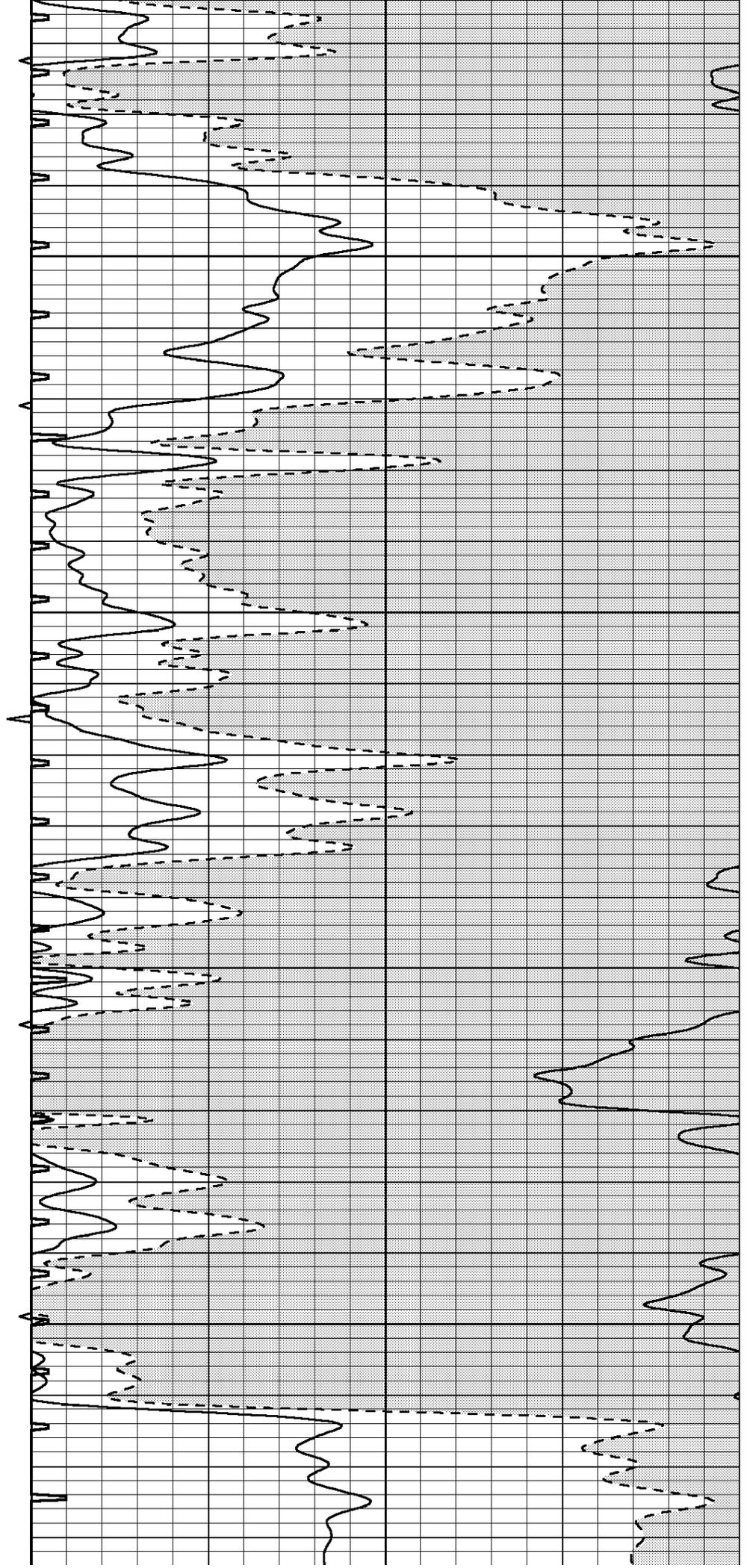


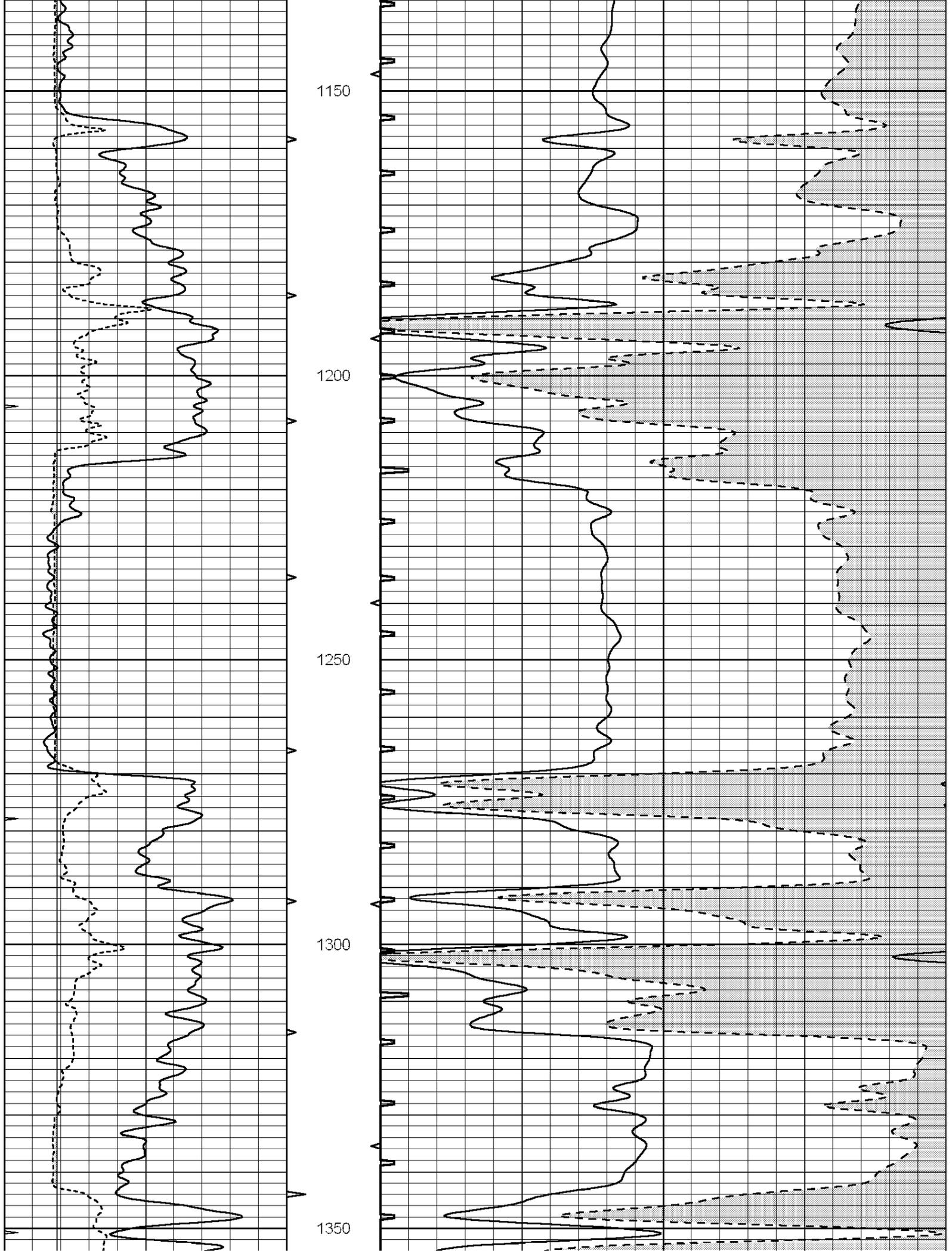
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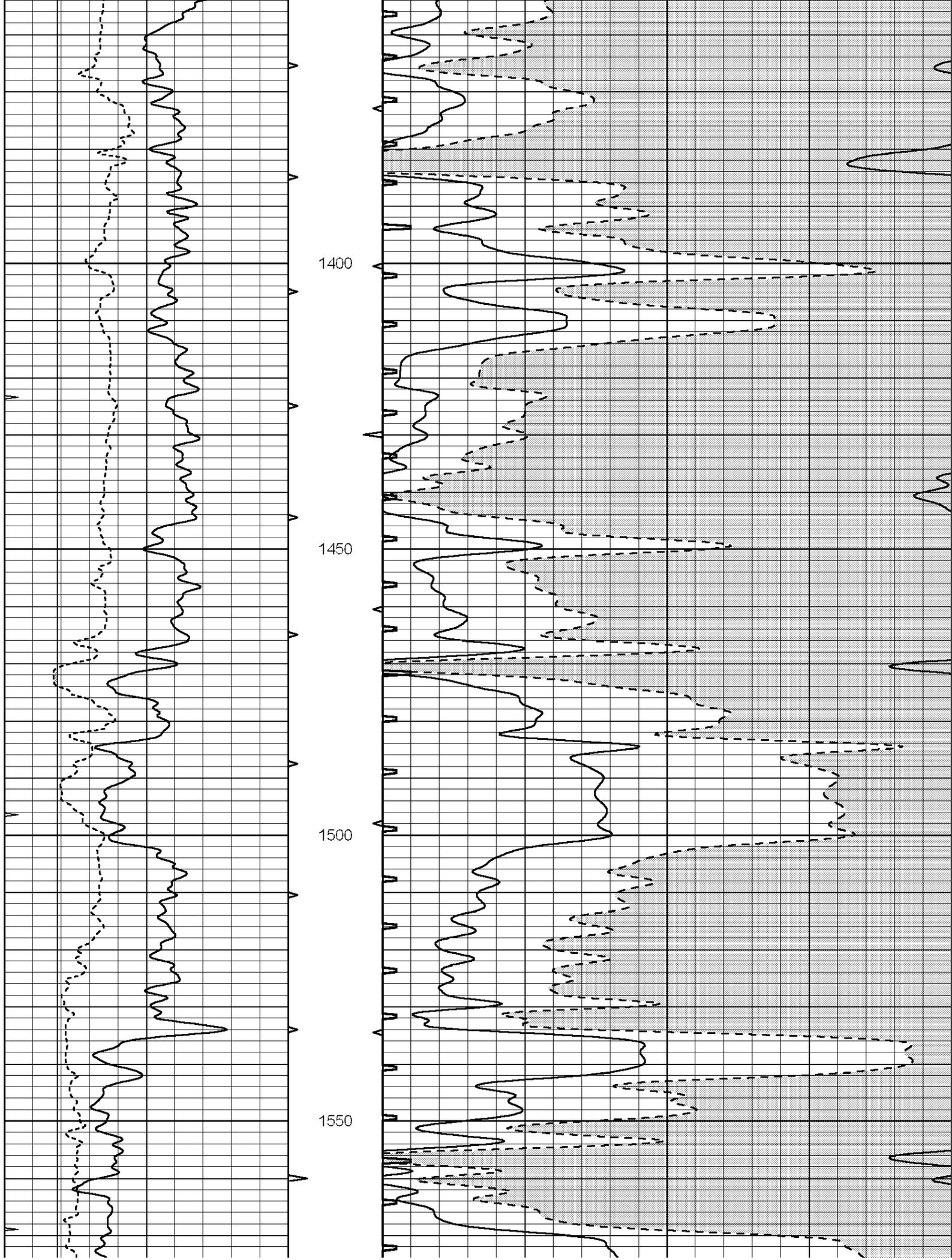
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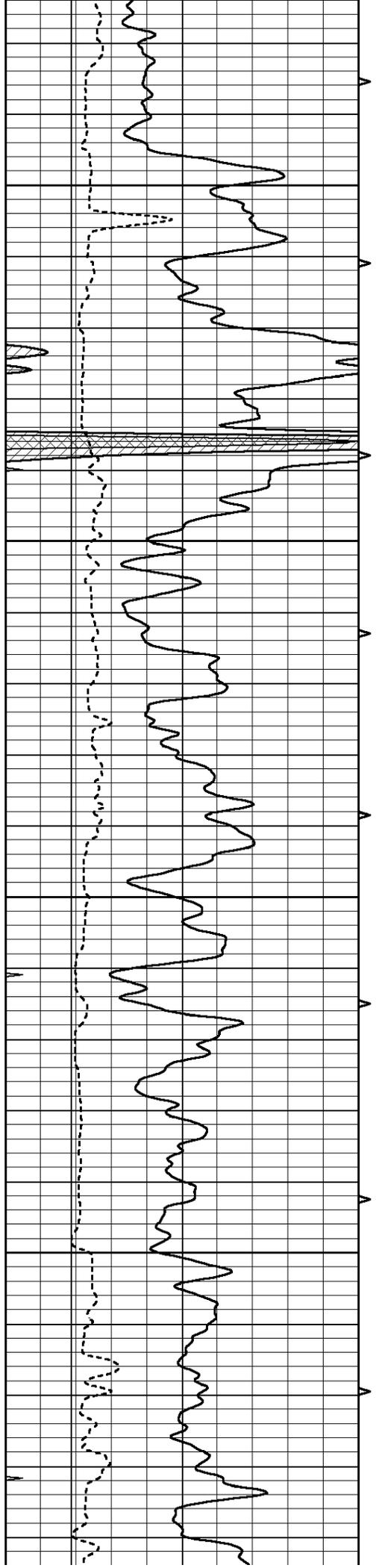
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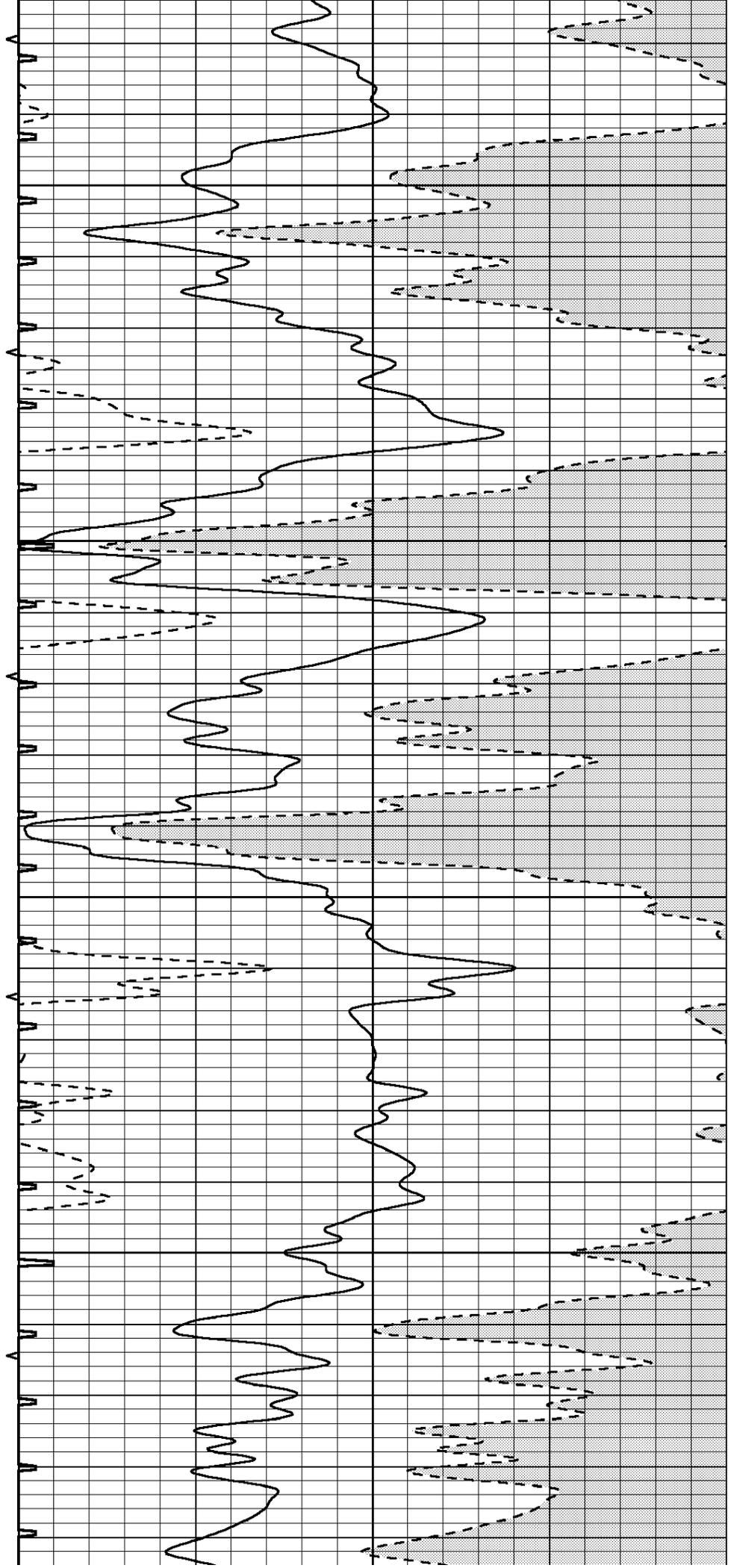


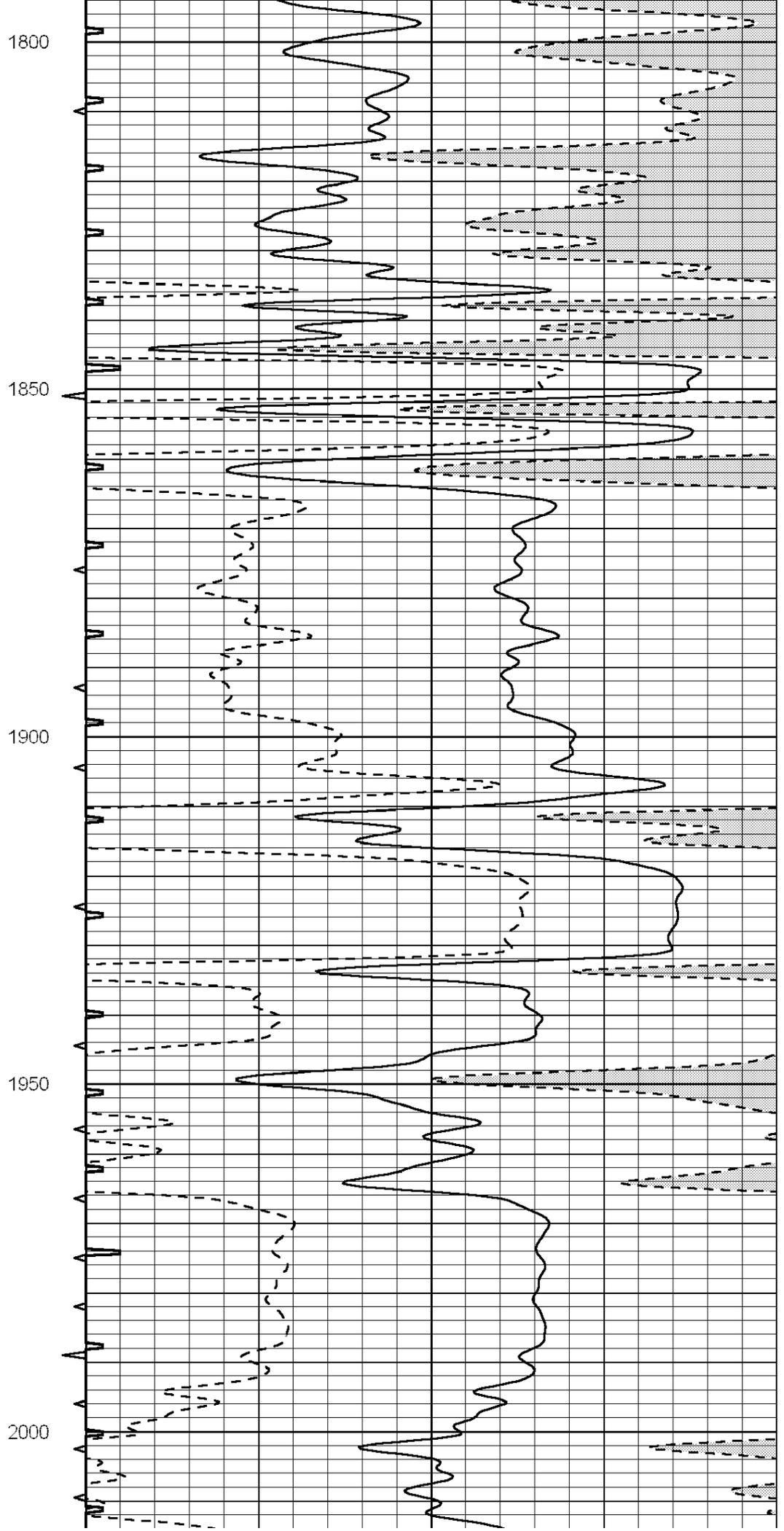
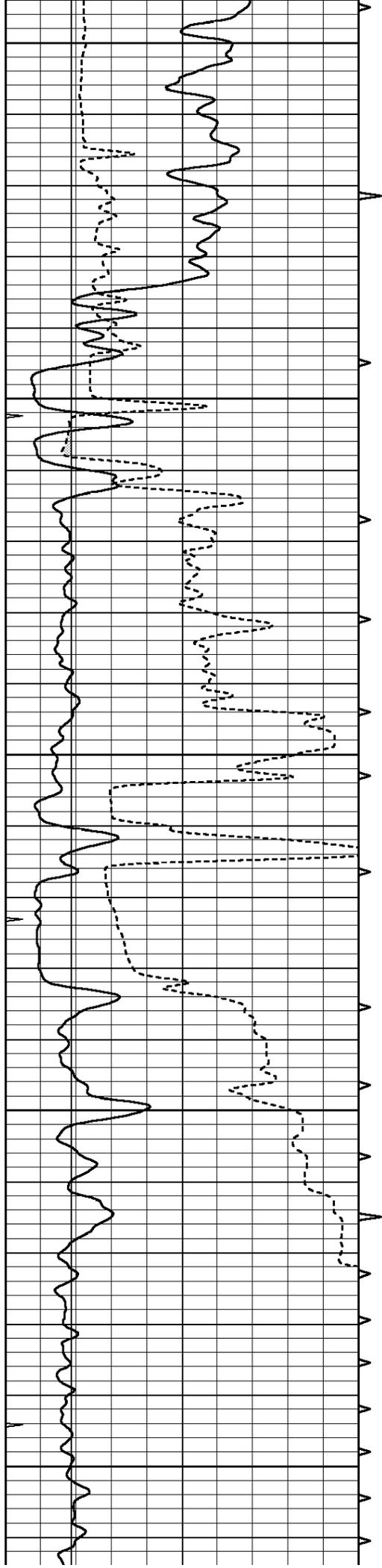
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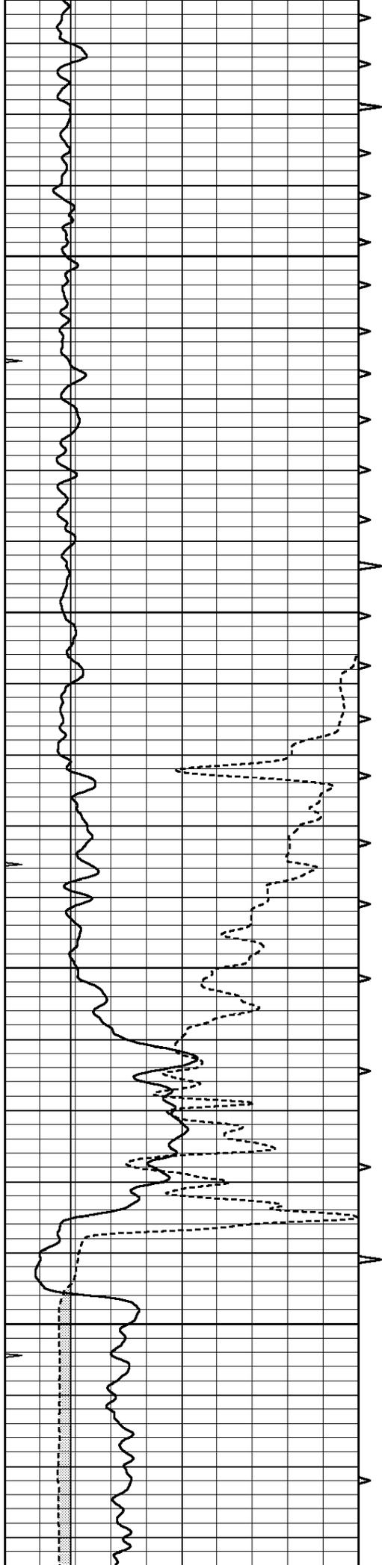
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1750





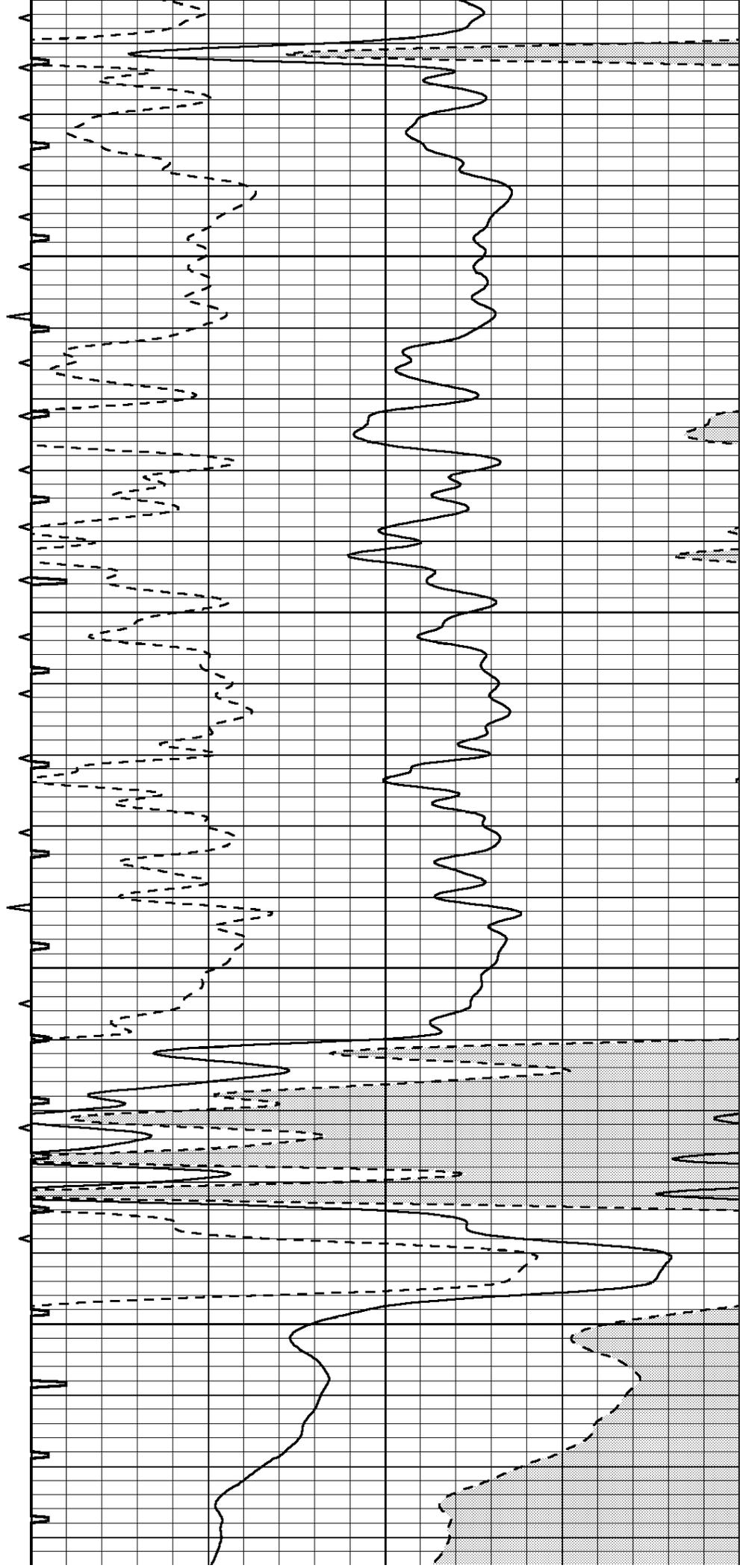


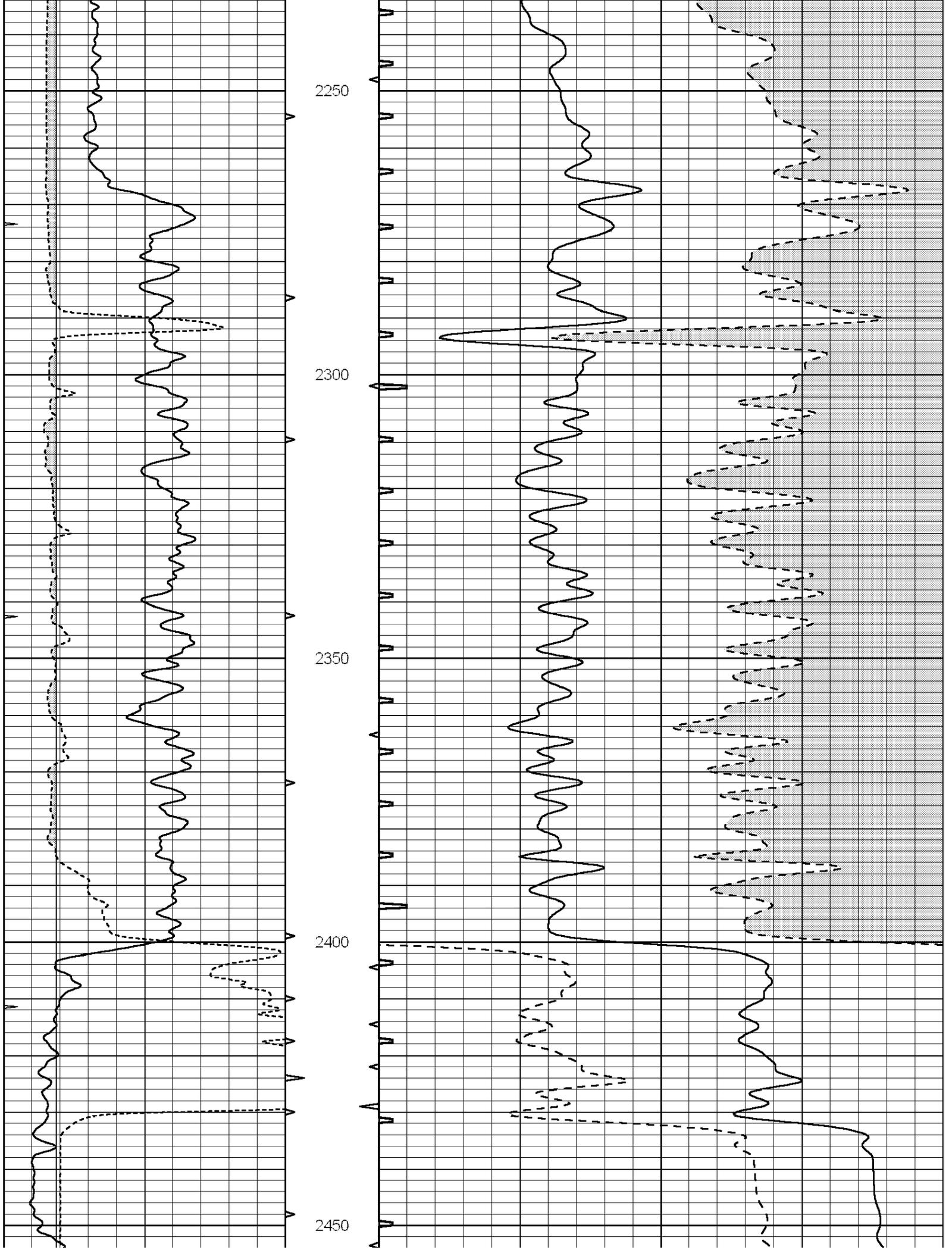
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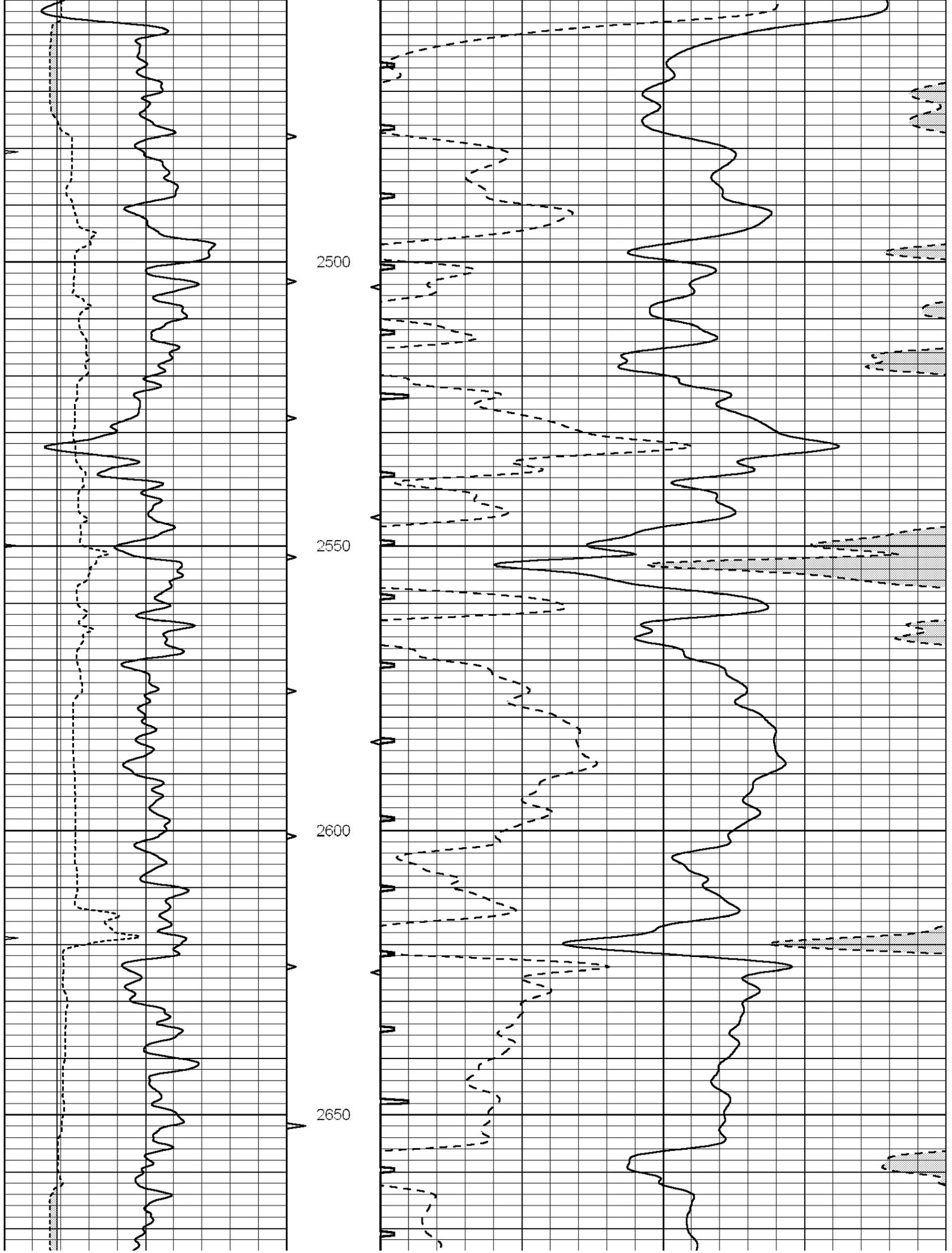
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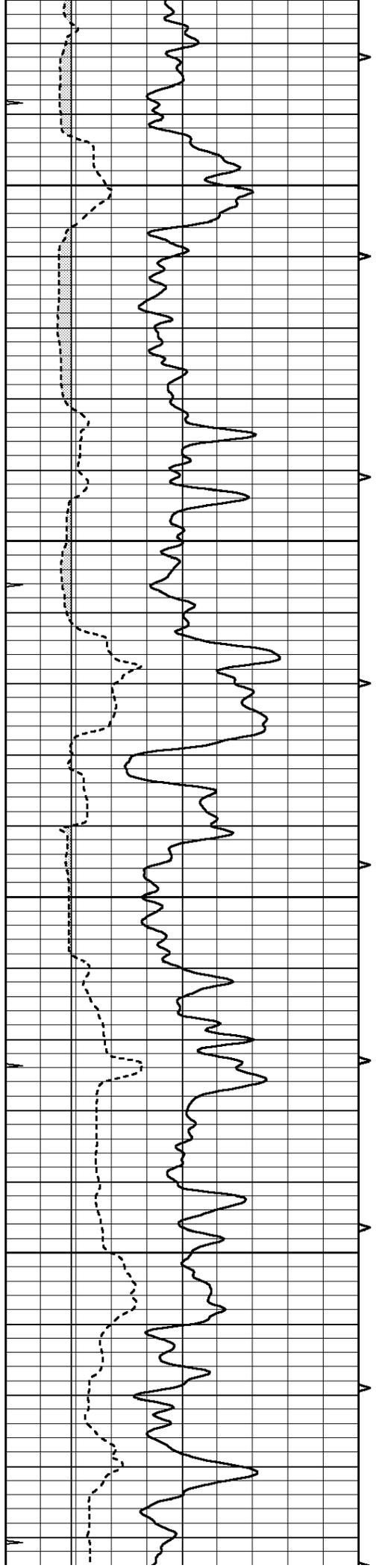
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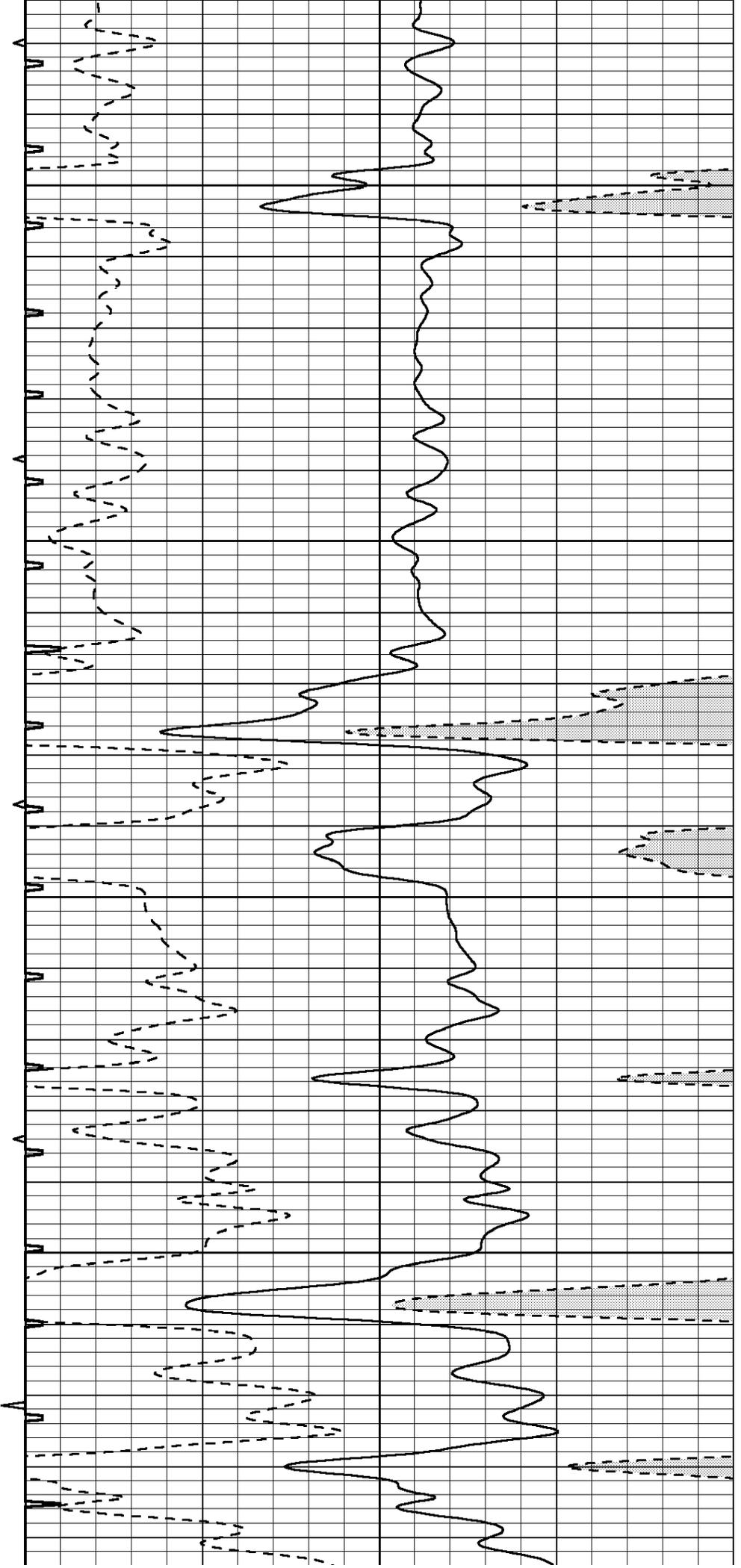


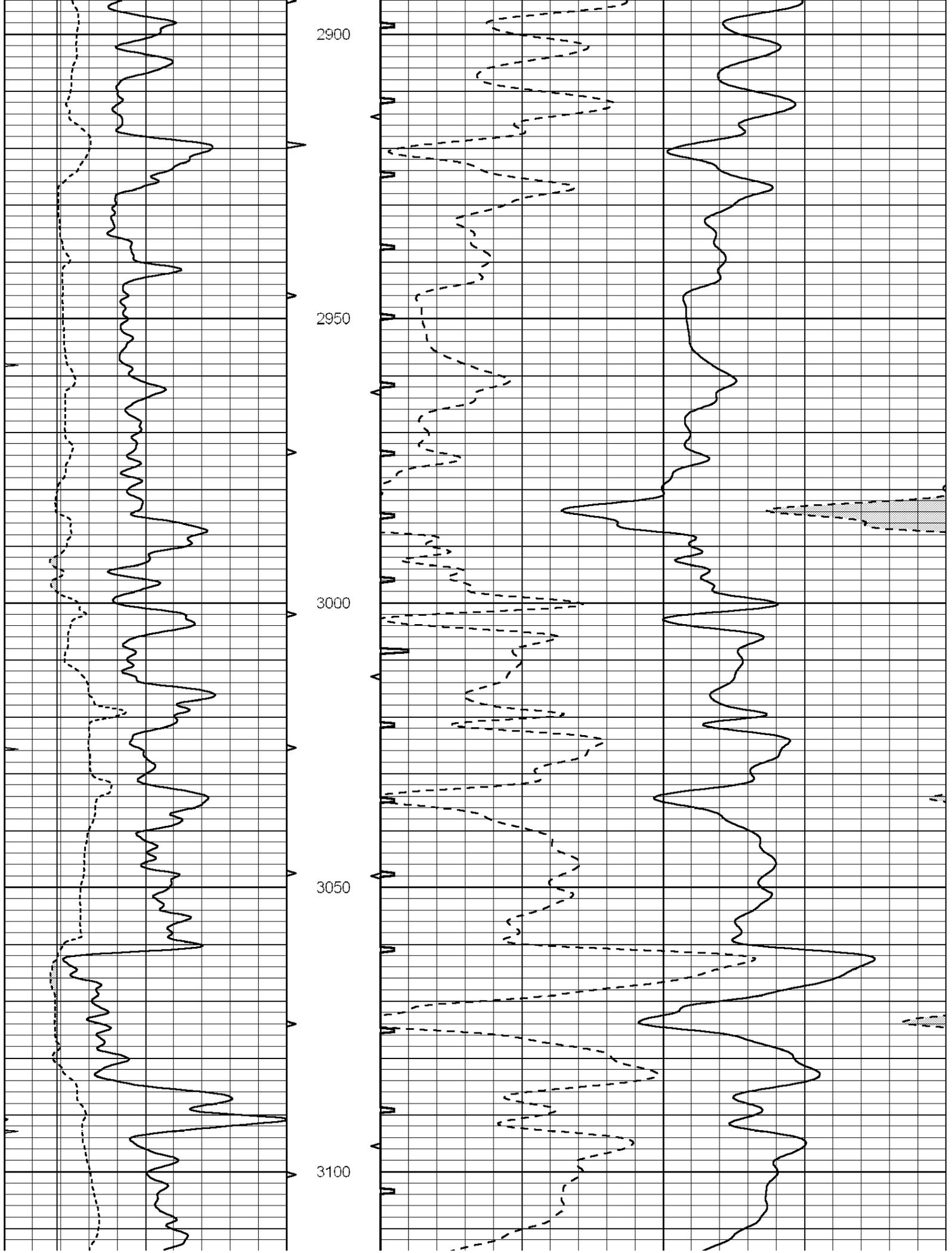
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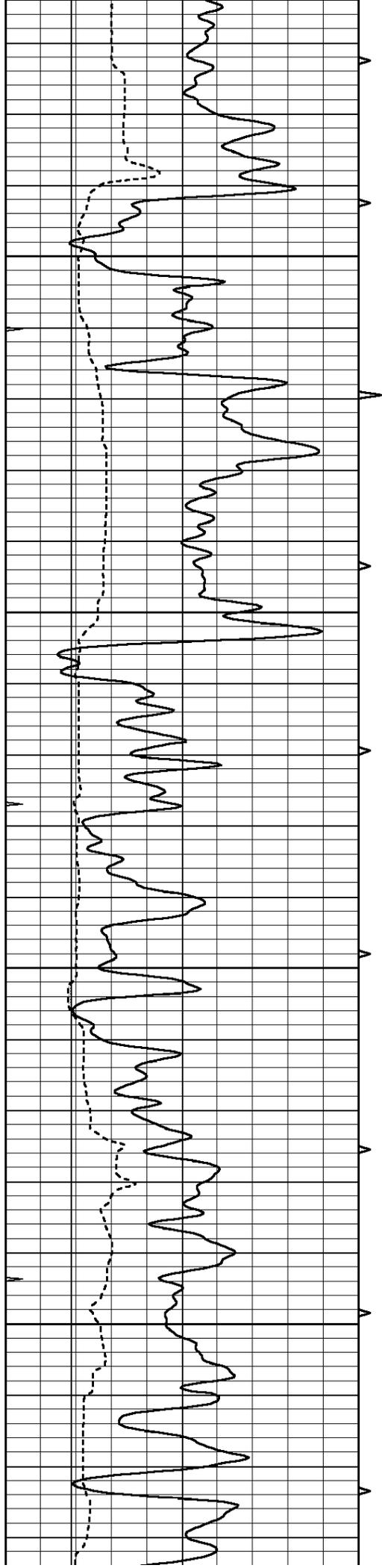
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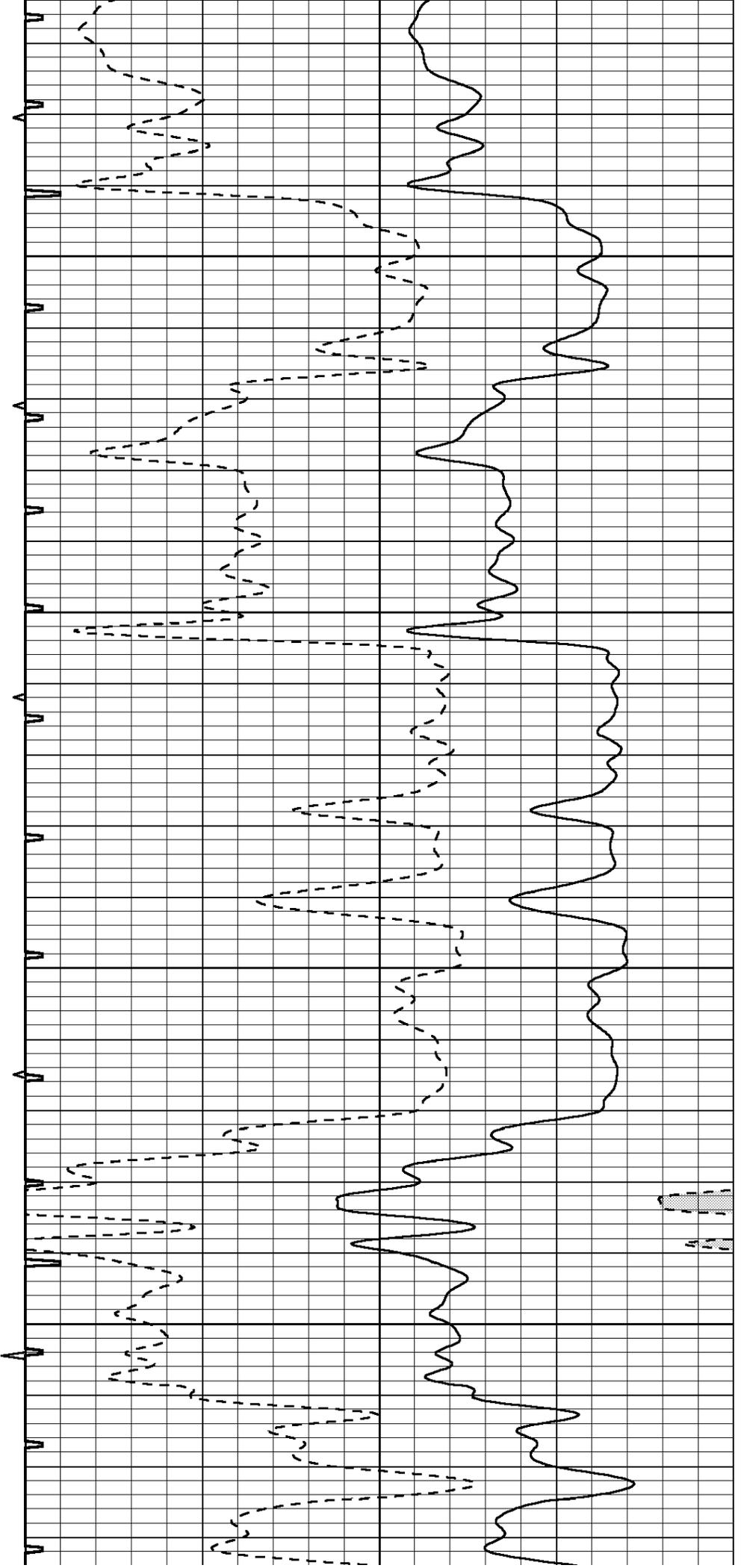


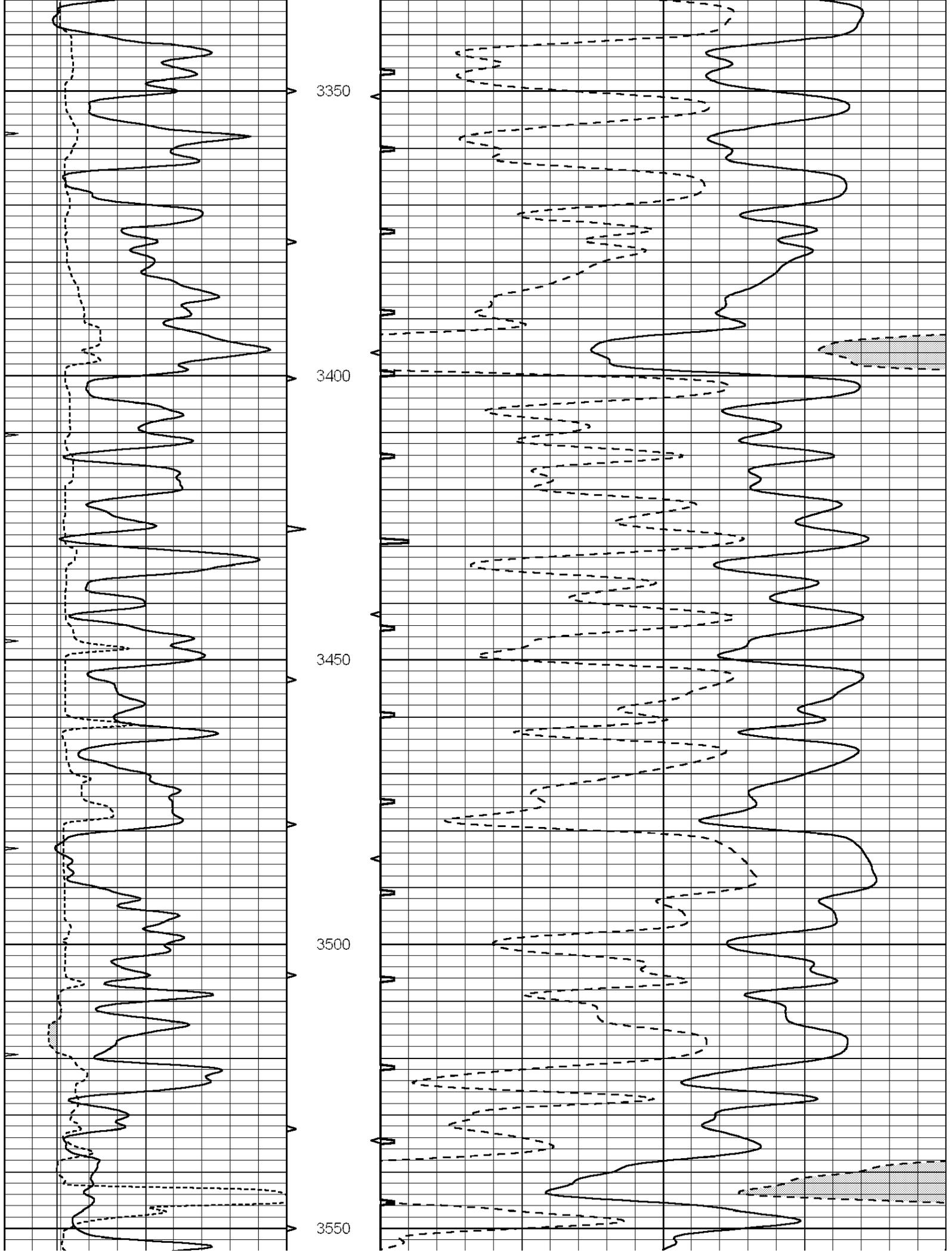
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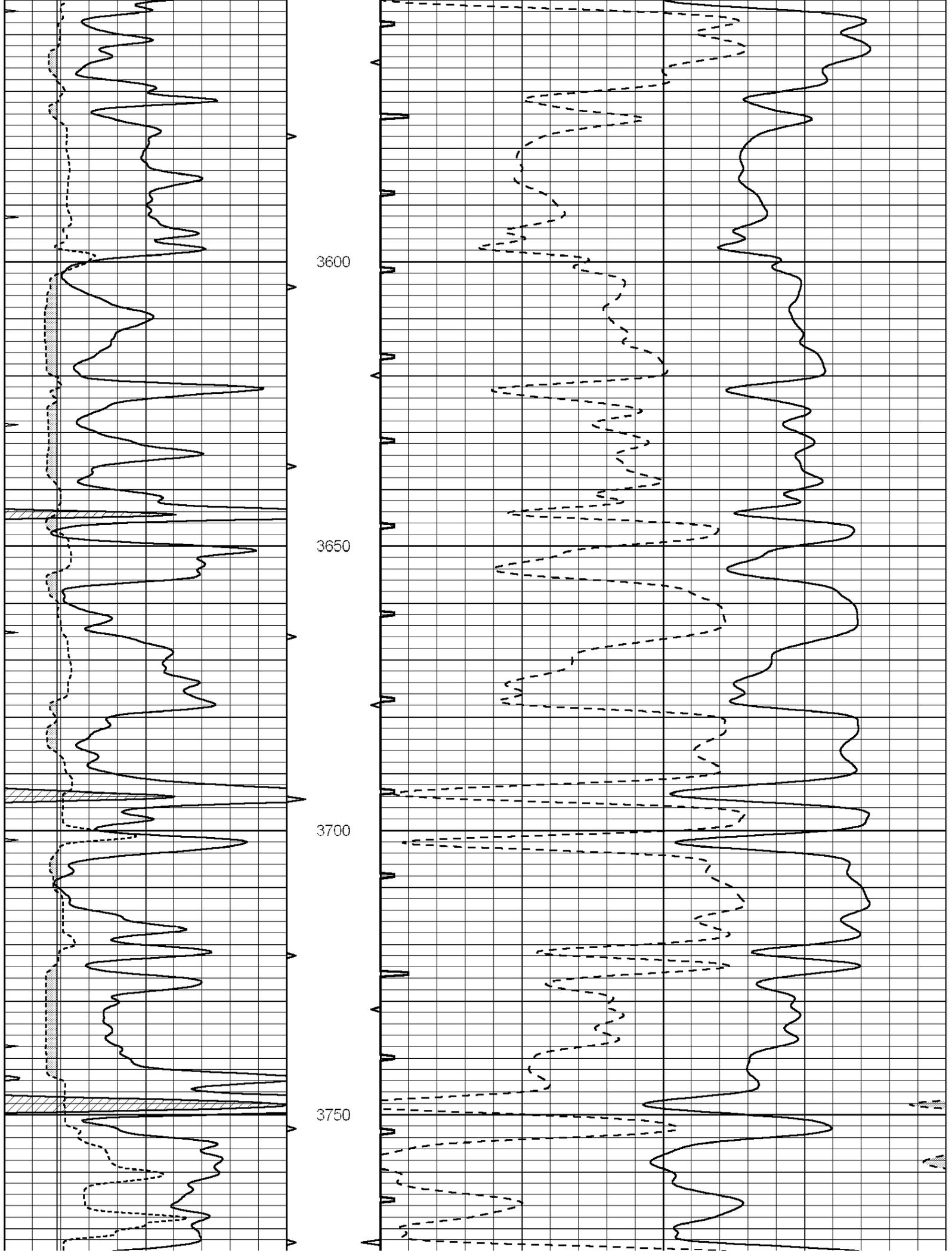
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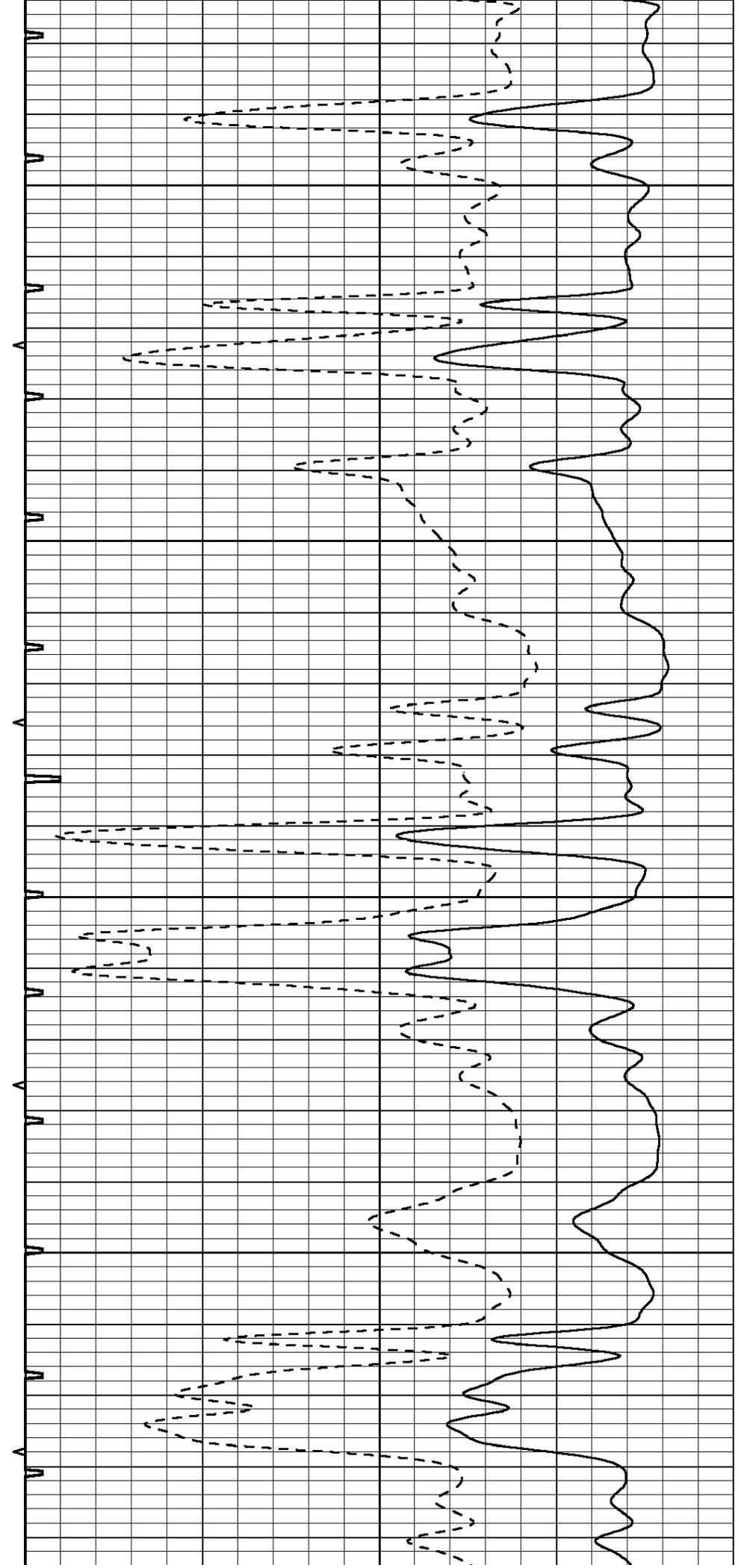
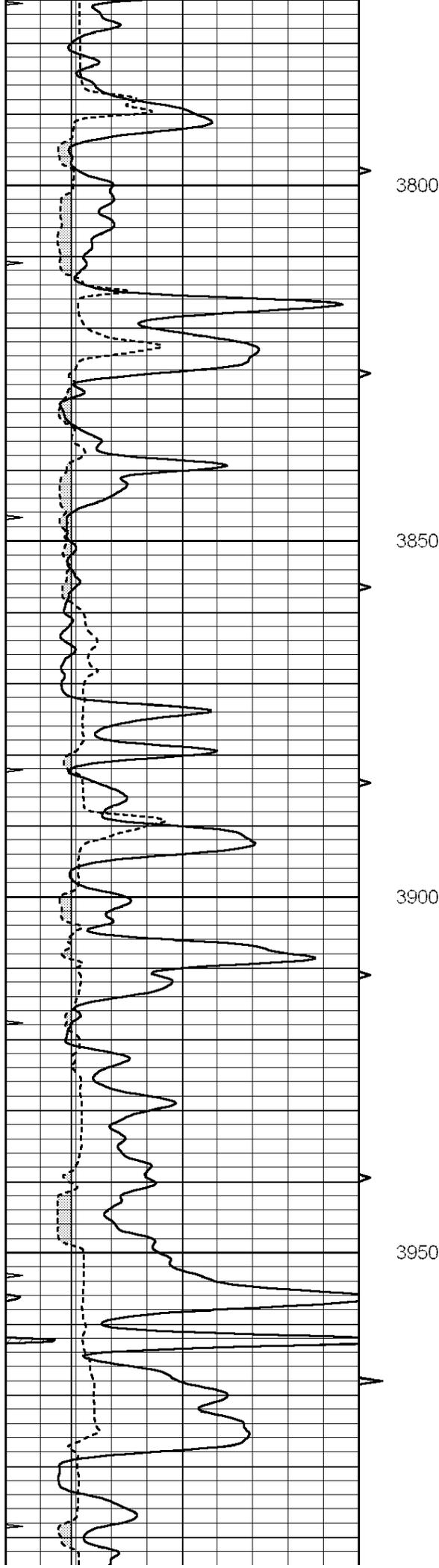
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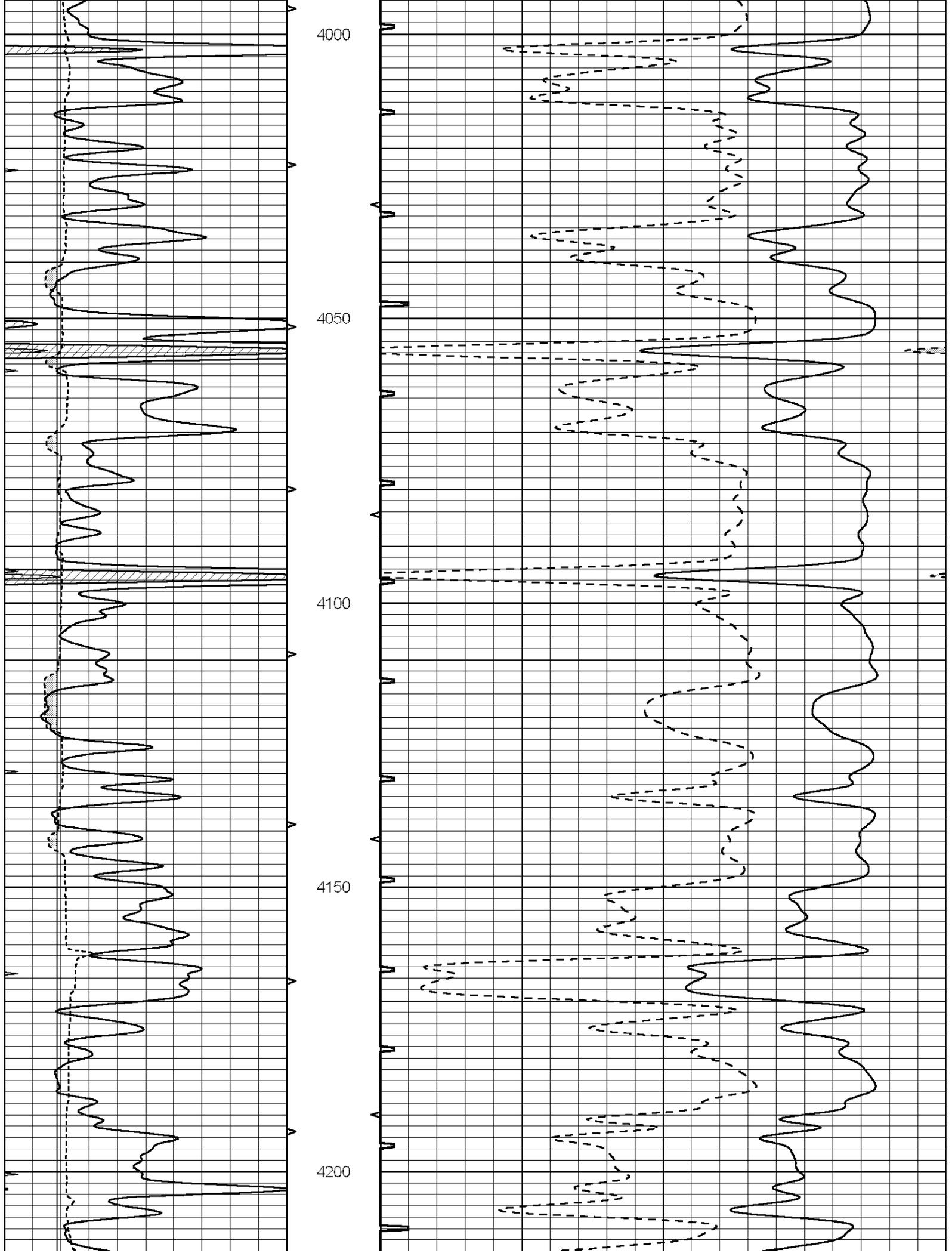
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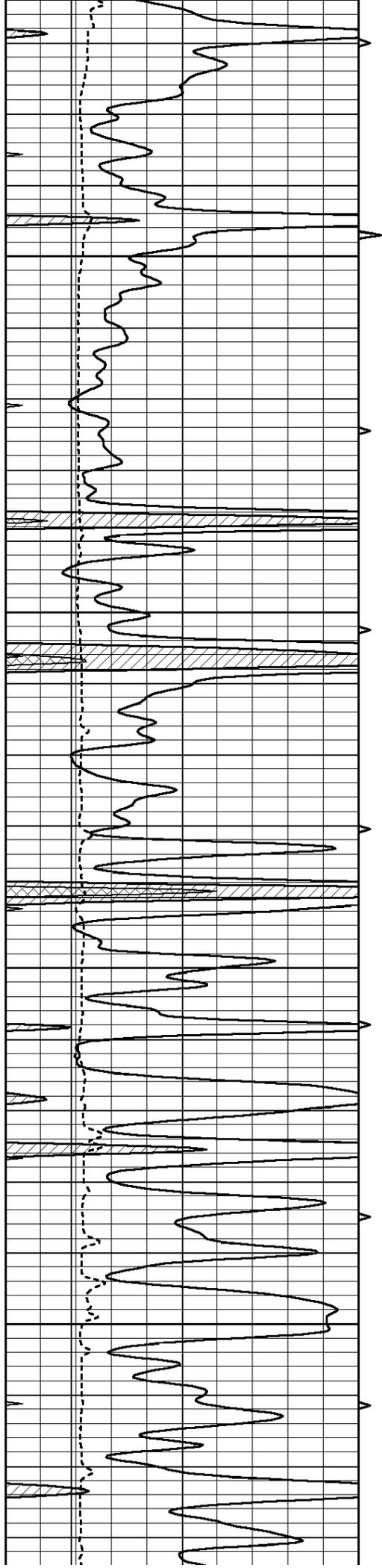




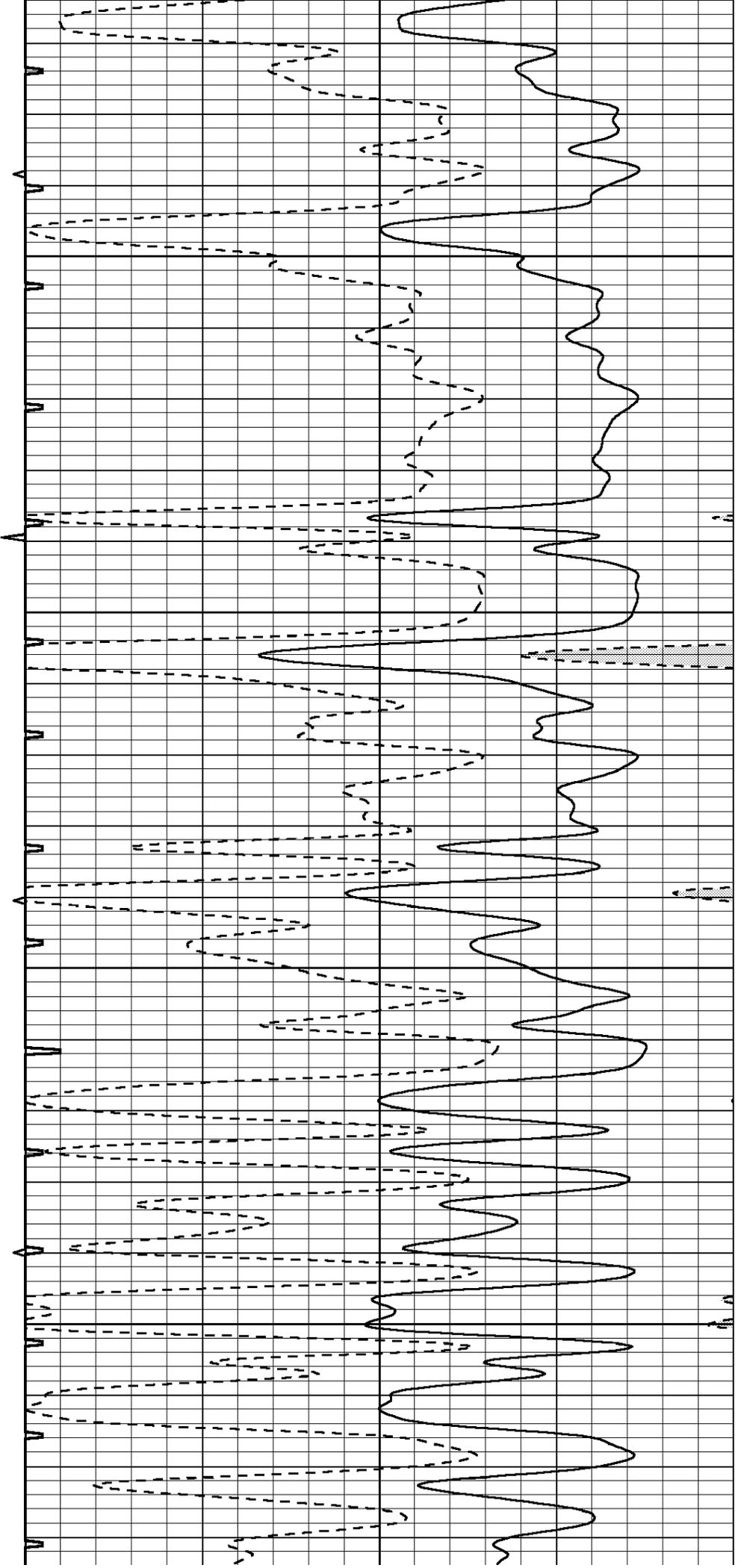


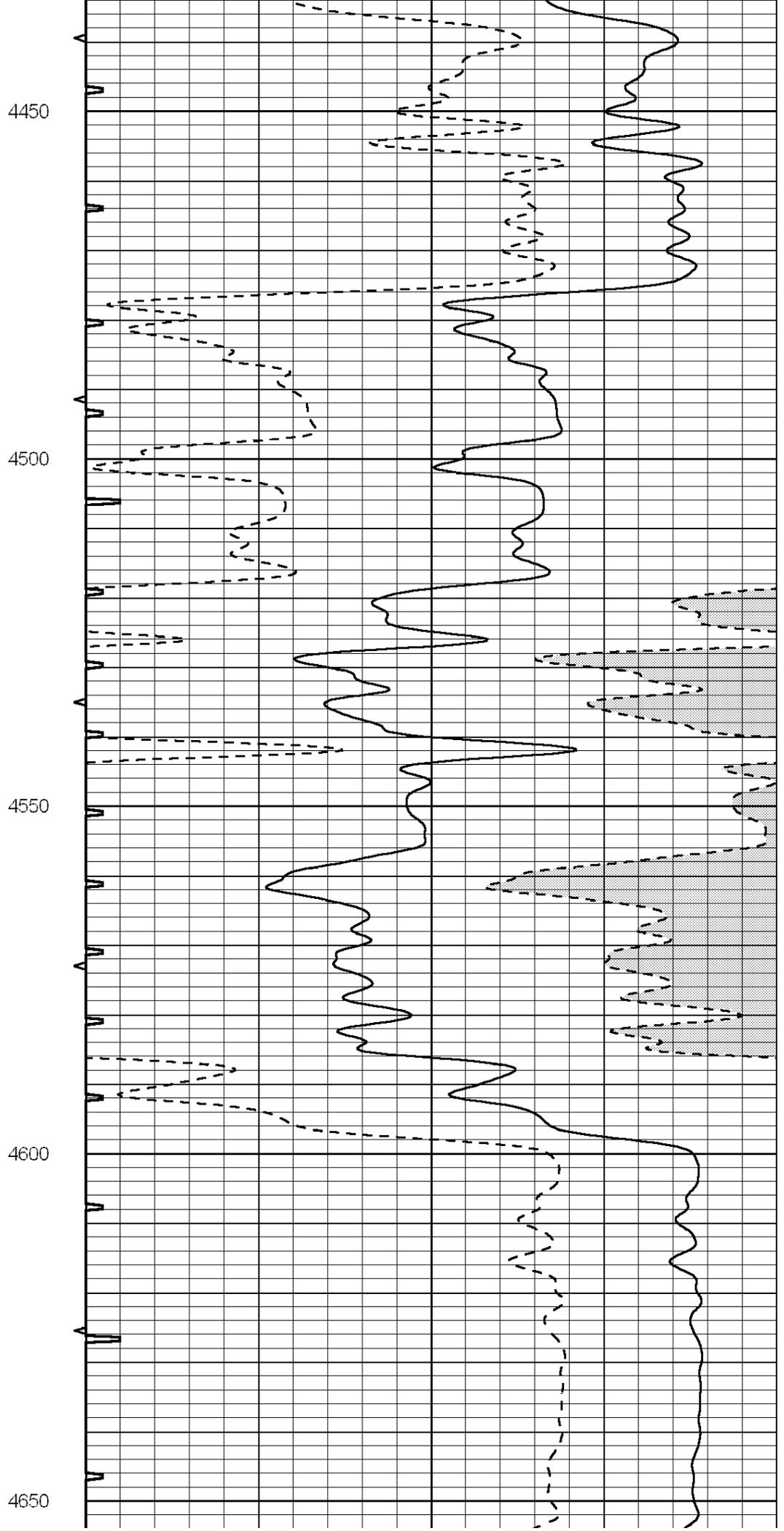
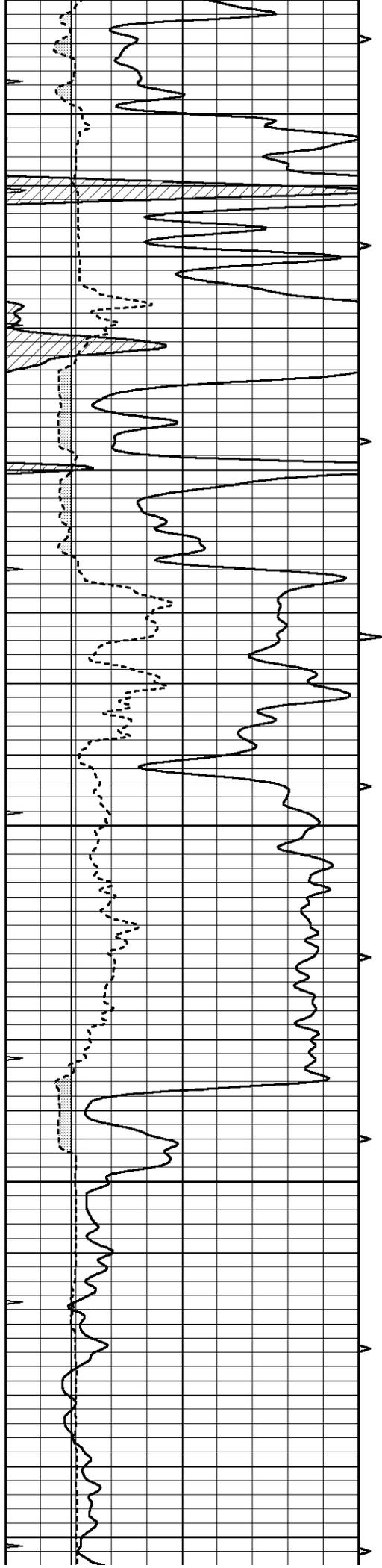


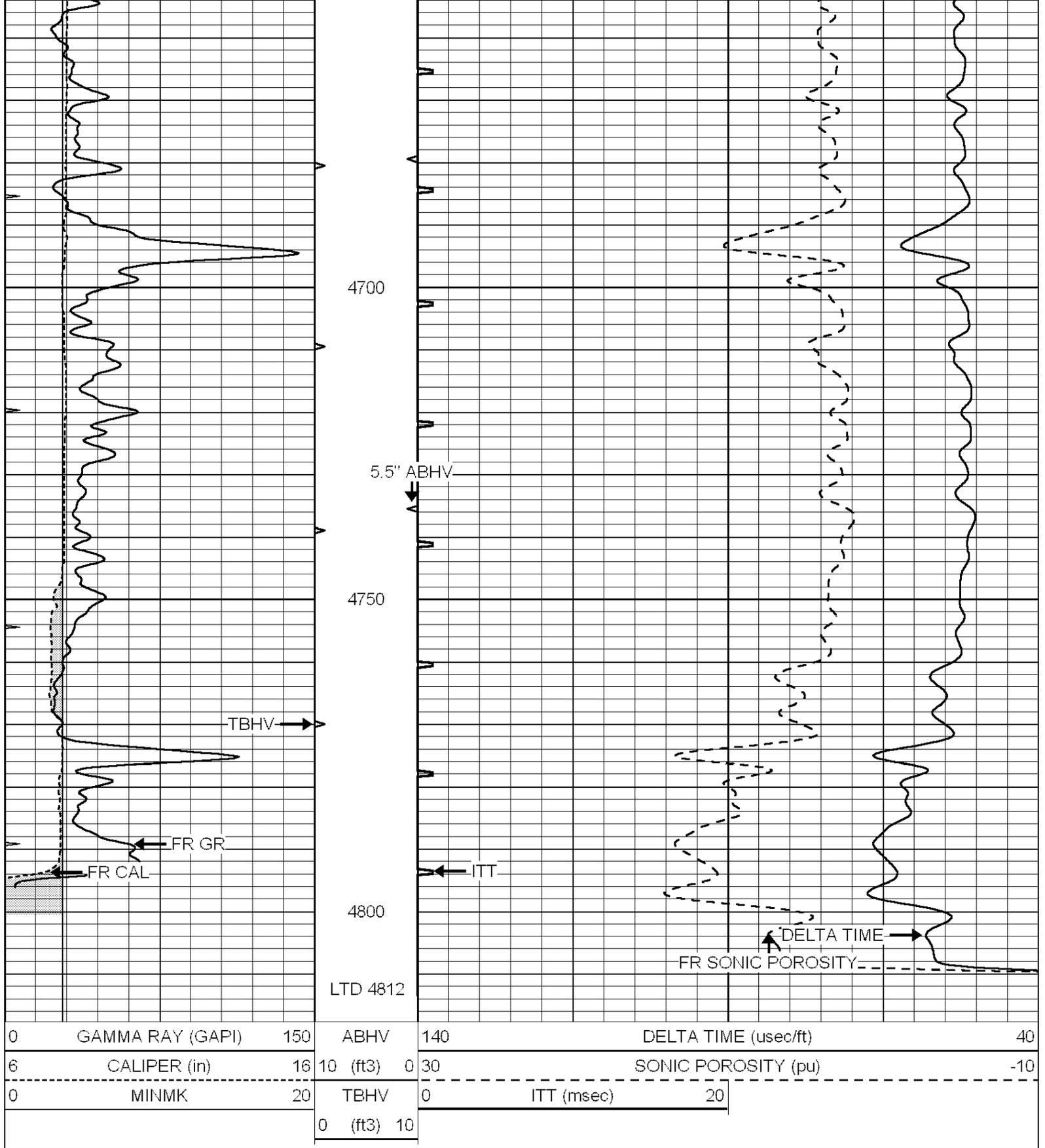




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4300
4350
4400







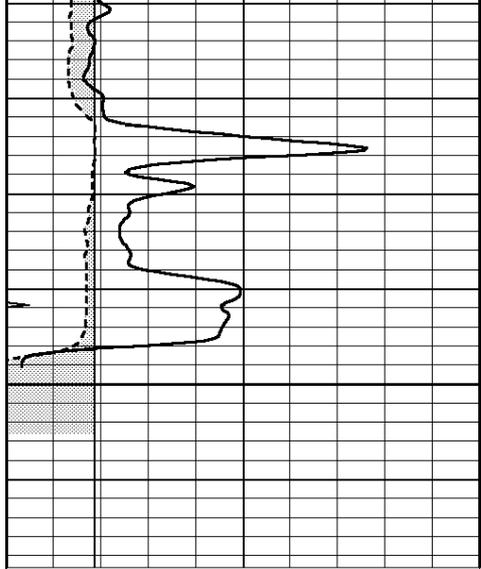
**Casedhole
Solutions**

REPEAT SECTION

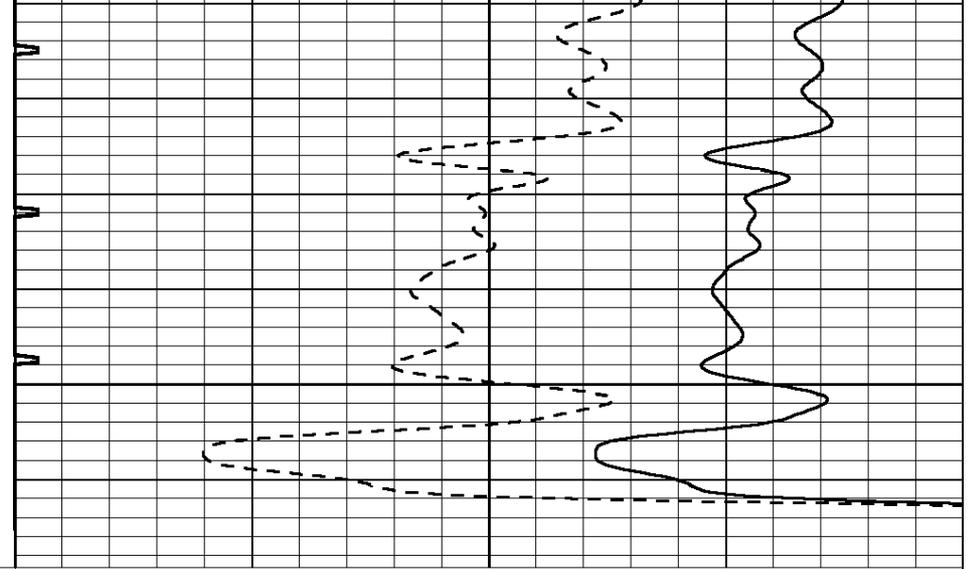
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|---|------------------|-----|----------|-----|----------------------|---------------------|-----|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV | 140 | DELTA TIME (usec/ft) | 40 | |
| 6 | CALIPER (in) | 16 | 10 (ft3) | 0 | 30 | SONIC POROSITY (pu) | -10 |
|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





4800



| | | | | | | |
|---|------------------|-----|------------|-----|-----------------------|-----|
| 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 |
| 0 | MINMK | 20 | TBHV | 0 | ITT (msec) | 20 |
| | | | 0 (ft3) 10 | | | |