



SUPERIOR  
Hays,  
Kansas

MICRO  
LOG

Company LOTUS OPERATING, INC.  
Well #5 TERWORT  
Field  
County BARBER  
State KANSAS

Company LOTUS OPERATING, INC.  
Well #5 TERWORT  
Field  
County BARBER State KANSAS

Location: API #: 15-007-23689  
907' FSL & 2060' FWL  
SEC 34 TWP 34S RGE 12W  
Permanent Datum GROUND LEVEL Elevation 1405  
Log Measured From KELLY BUSHING 13' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL/PE  
SONIC/DIL  
Elevation  
K.B. 1418  
D.F.  
G.L. 1405

|                              |              |  |  |
|------------------------------|--------------|--|--|
| Date                         | 5-22-11      |  |  |
| Run Number                   | TWO          |  |  |
| Depth Driller                | 5534         |  |  |
| Depth Logger                 | 5535         |  |  |
| Bottom Logged Interval       | 5518         |  |  |
| Top Log Interval             | 3600         |  |  |
| Casing Driller               | 265          |  |  |
| Casing Logger                | 264          |  |  |
| Bit Size                     | 7.875        |  |  |
| Type Fluid in Hole           | CHEMICAL MUD |  |  |
| Density / Viscosity          | 9.3 / 53     |  |  |
| pH / Fluid Loss              | 10.0 / 10.0  |  |  |
| Source of Sample             | FLOWLINE     |  |  |
| Rim @ Meas. Temp             | 0.75 @ 88F   |  |  |
| Rmf @ Meas. Temp             | 0.56 @ 88F   |  |  |
| Rmc @ Meas. Temp             | 0.90 @ 88F   |  |  |
| Source of Rmf / Rmc          | MEASURED     |  |  |
| Rim @ BHT                    | .510 @ 130F  |  |  |
| Time Circulation Stopped     | 3 HOURS      |  |  |
| Time Logger on Bottom        | 8:30 P.M.    |  |  |
| Maximum Recorded Temperature | 130F         |  |  |
| Equipment Number             | 860          |  |  |
| Location                     | HAYS, KS.    |  |  |
| Recorded By                  | RUPP         |  |  |
| Witnessed By                 | TIM HELLMAN  |  |  |

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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

SUPERIOR WELL SERVICES  
785-628-6395  
THANK YOU FOR YOUR BUSINESS  
DIRECTIONS: MEDICINE LODGE, S TO MM #7, 1W TO T IN THE ROAD, 1/8N, 1 3/4W, N INTO.



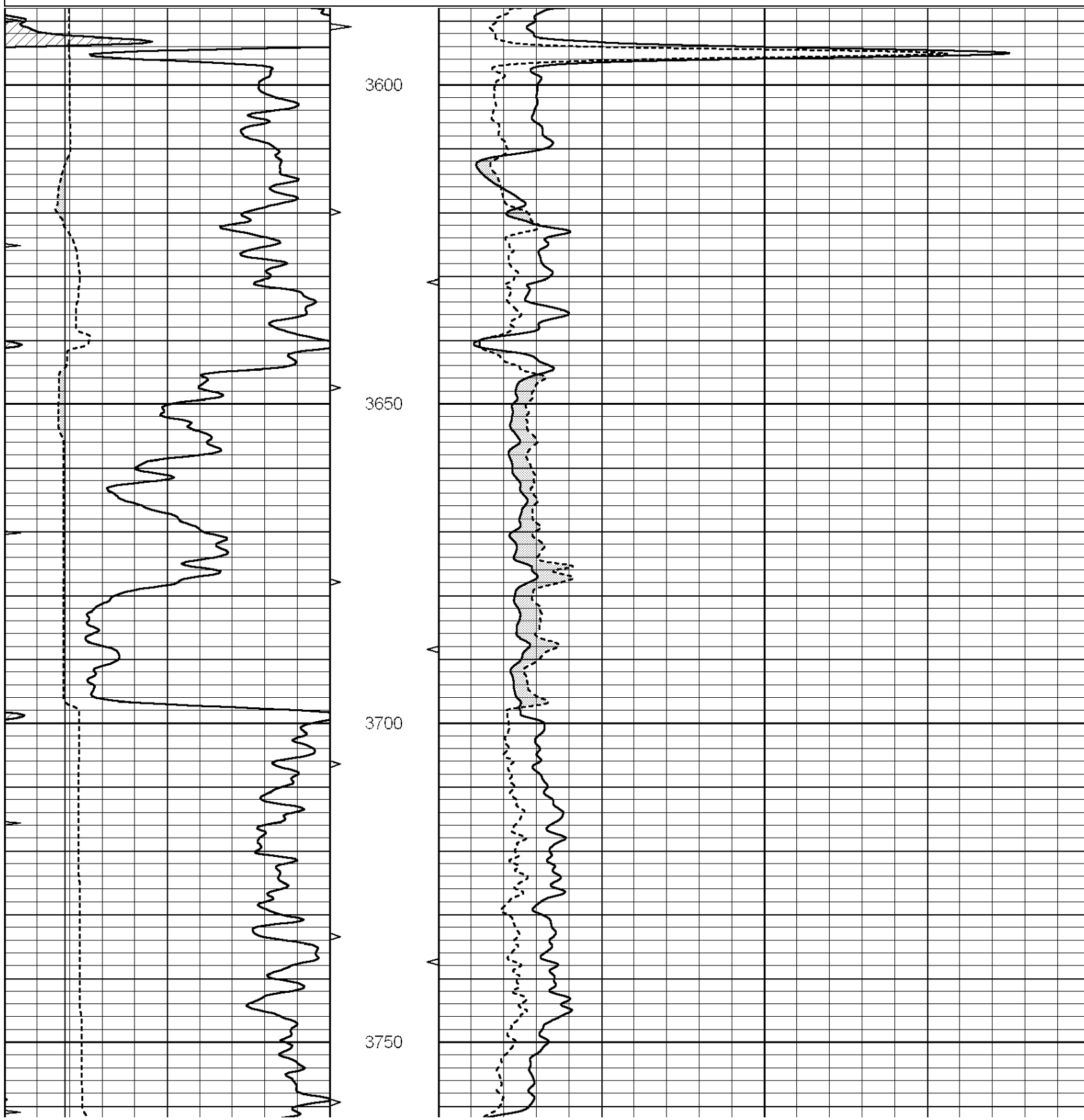
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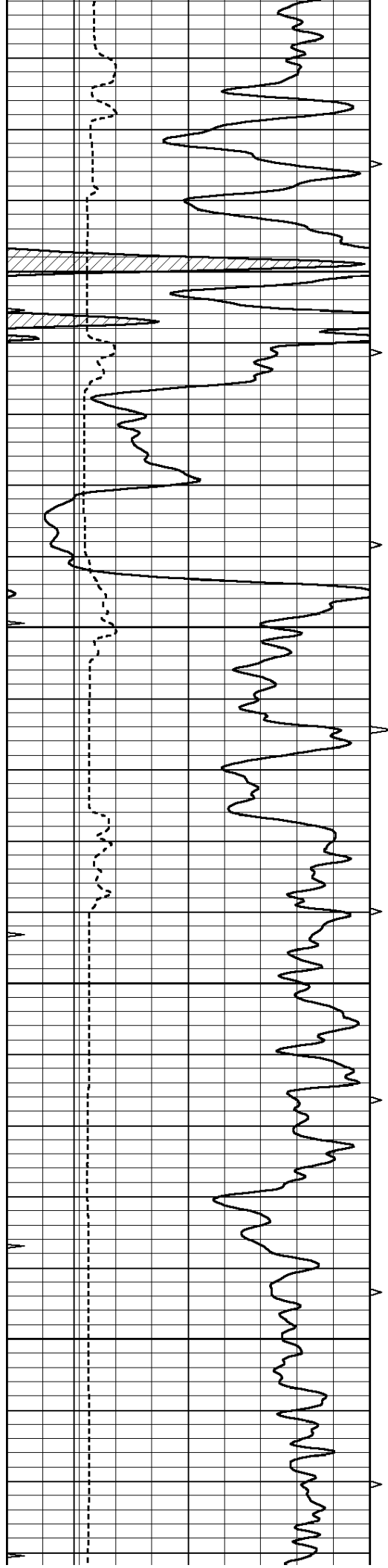
MAIN SECTION

Database File: 006924pdn.db  
Dataset Pathname: pass5.1  
Presentation Format: micro  
Dataset Creation: Mon May 23 00:46:08 2011  
Charted by: Depth in Feet scaled 1:240

|   |                  |     |
|---|------------------|-----|
| 0 | GAMMA RAY (GAPI) | 150 |
| 6 | MELCAL (in)      | 16  |
| 0 | MINMK            | 20  |

|   |                |    |
|---|----------------|----|
| 0 | MEL1.5 (Ohm-m) | 40 |
| 0 | MEL2.0 (Ohm-m) | 40 |



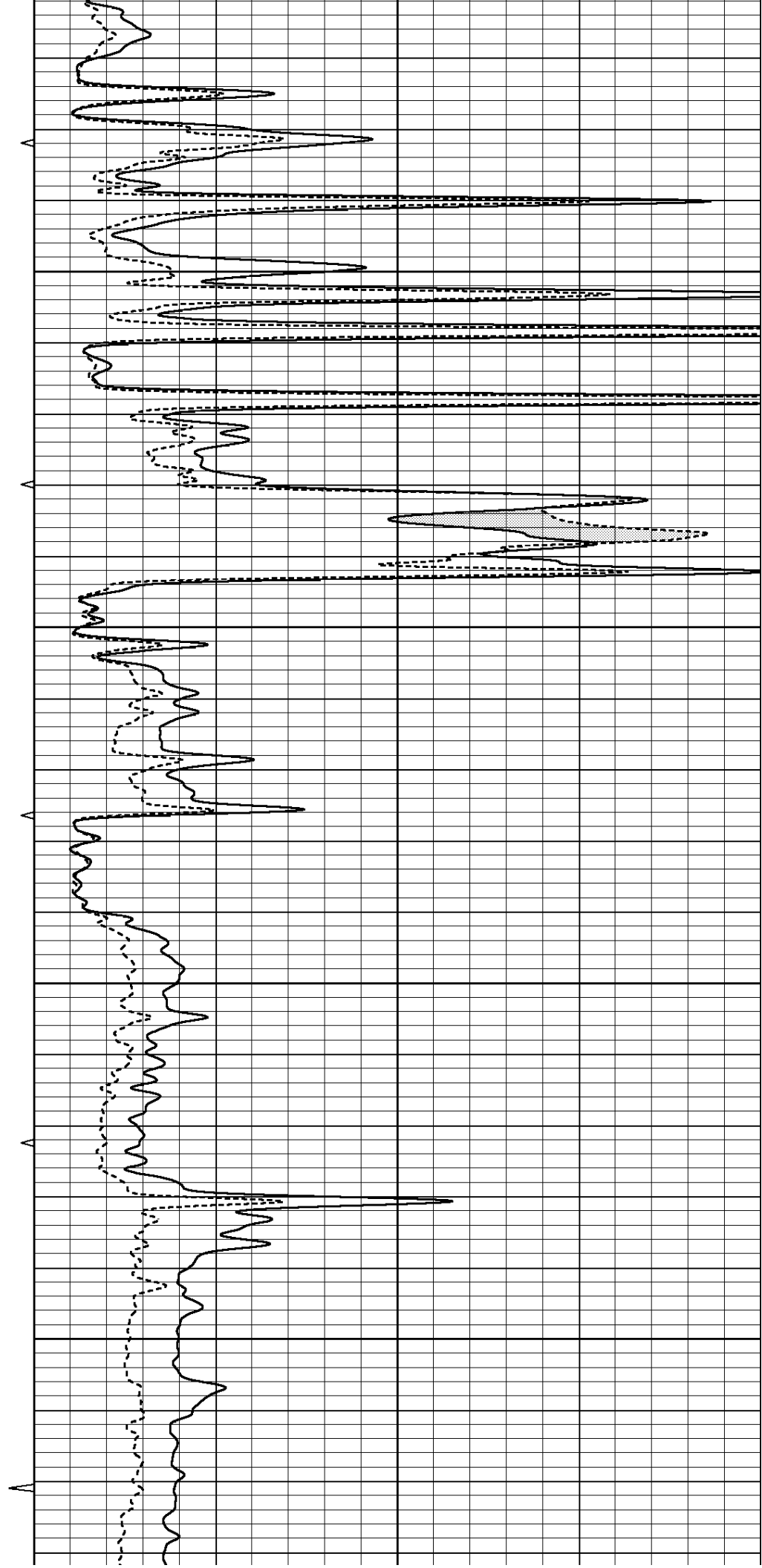


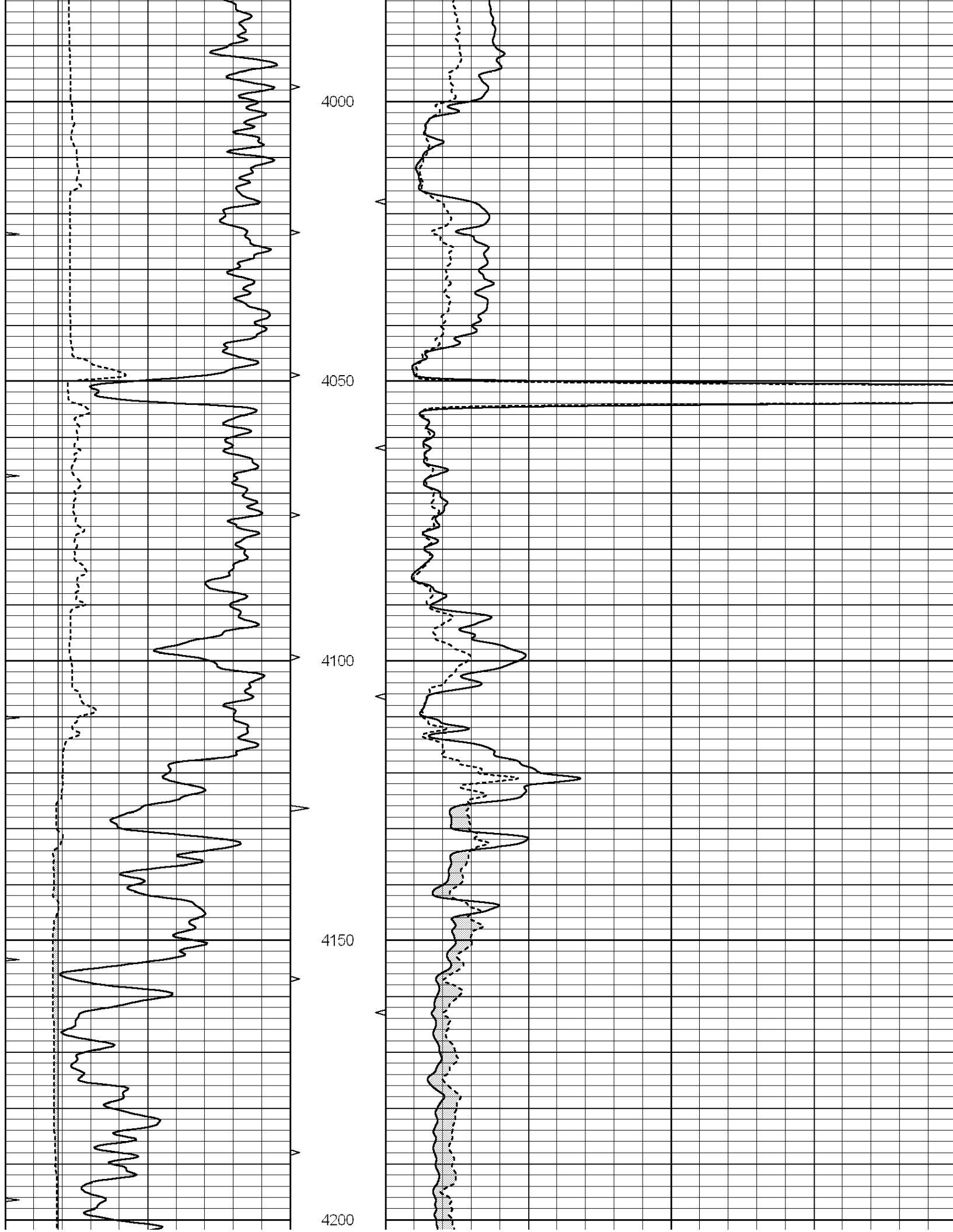
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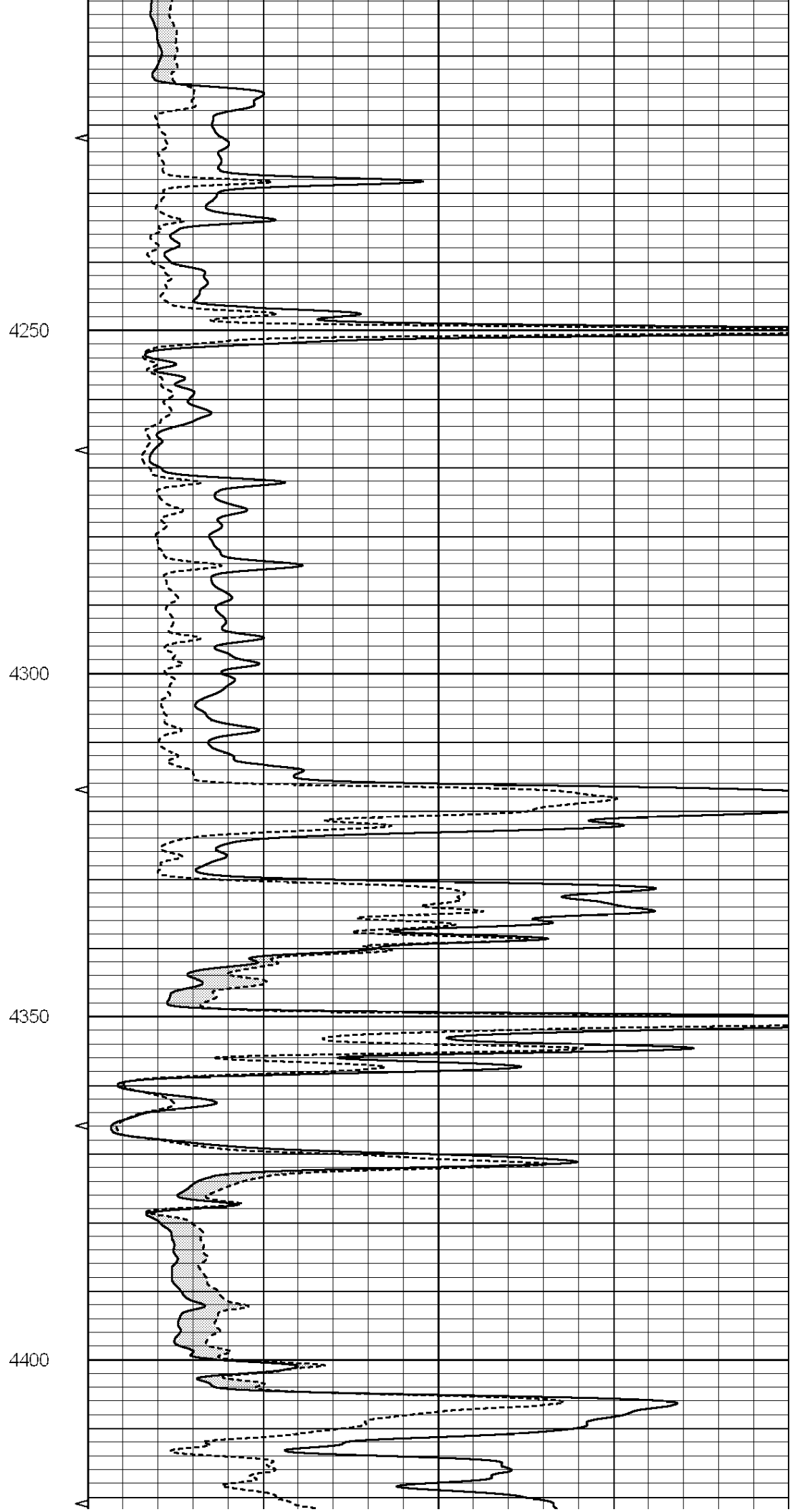
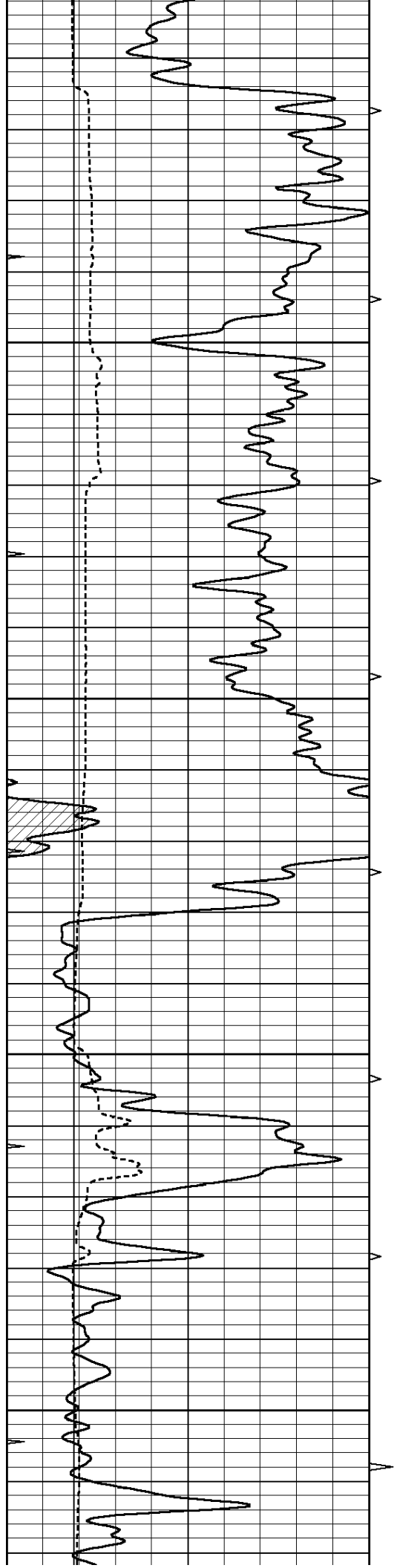
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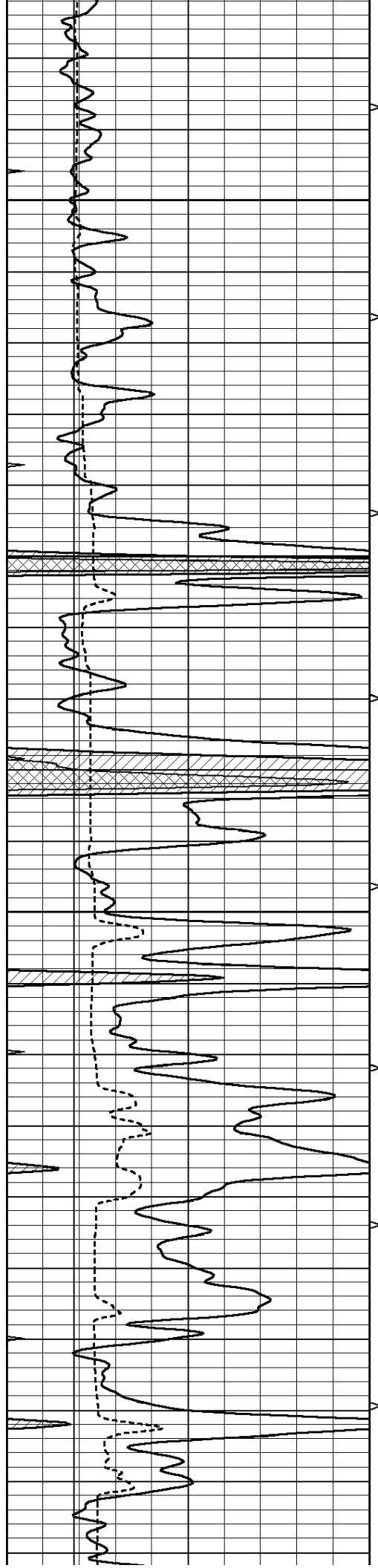
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3950







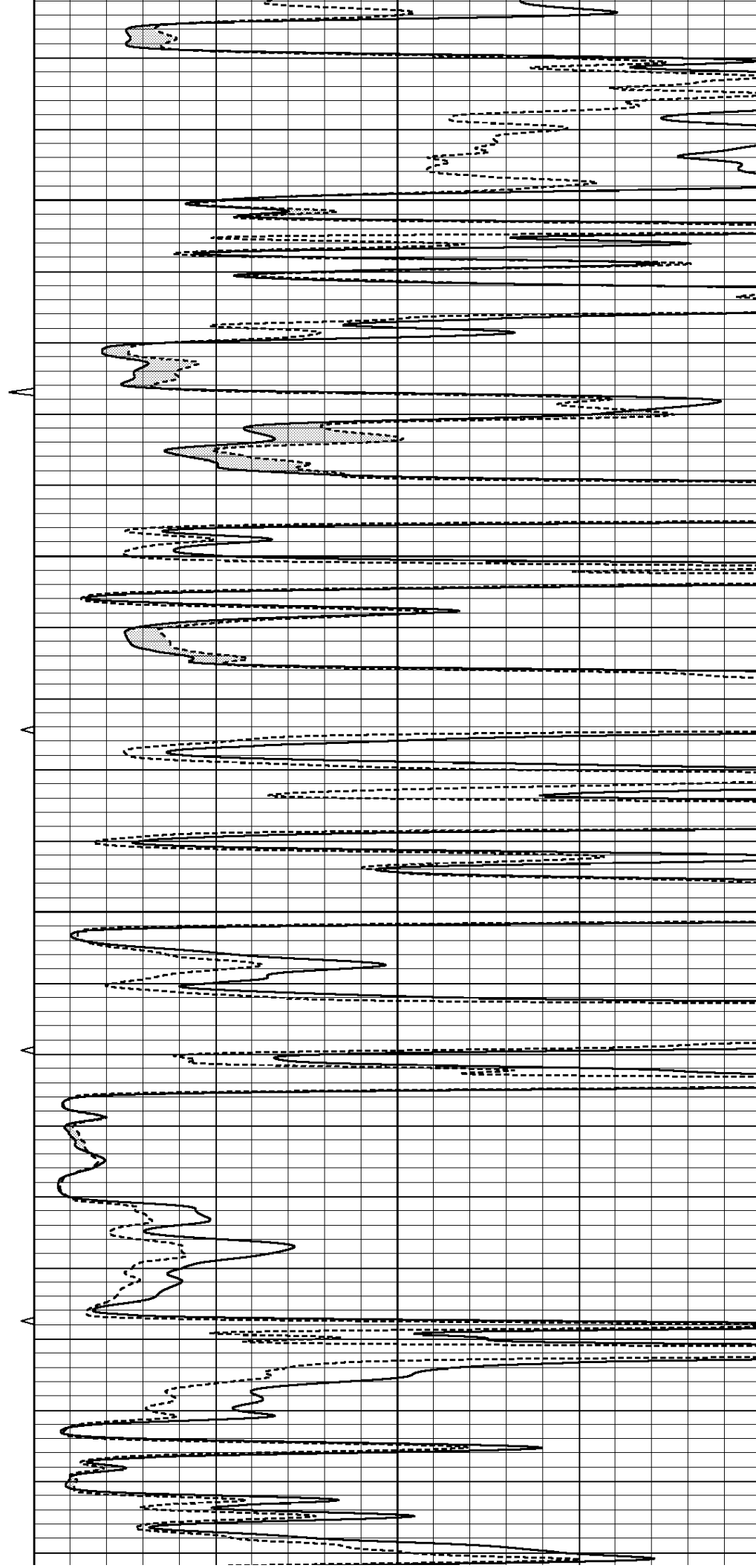


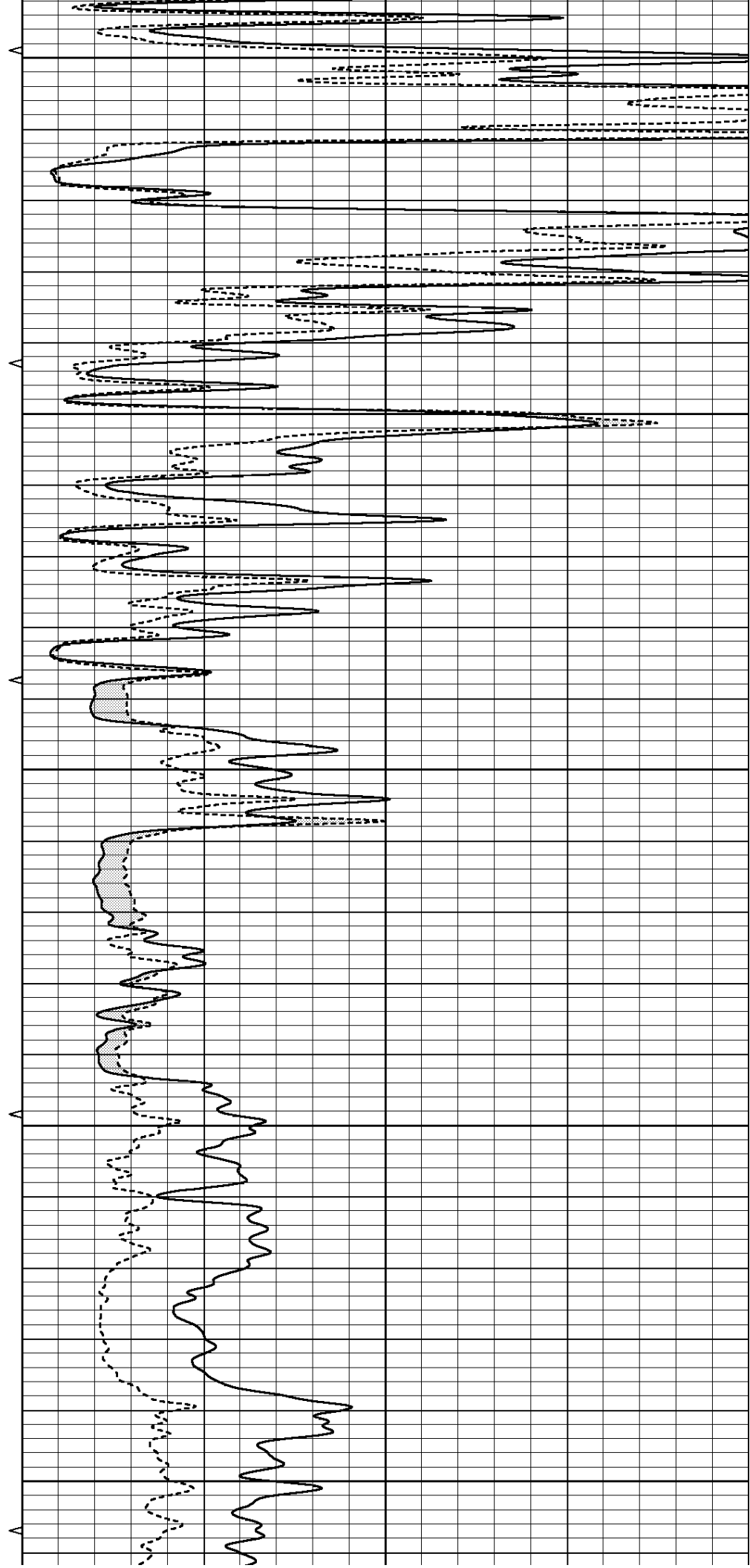
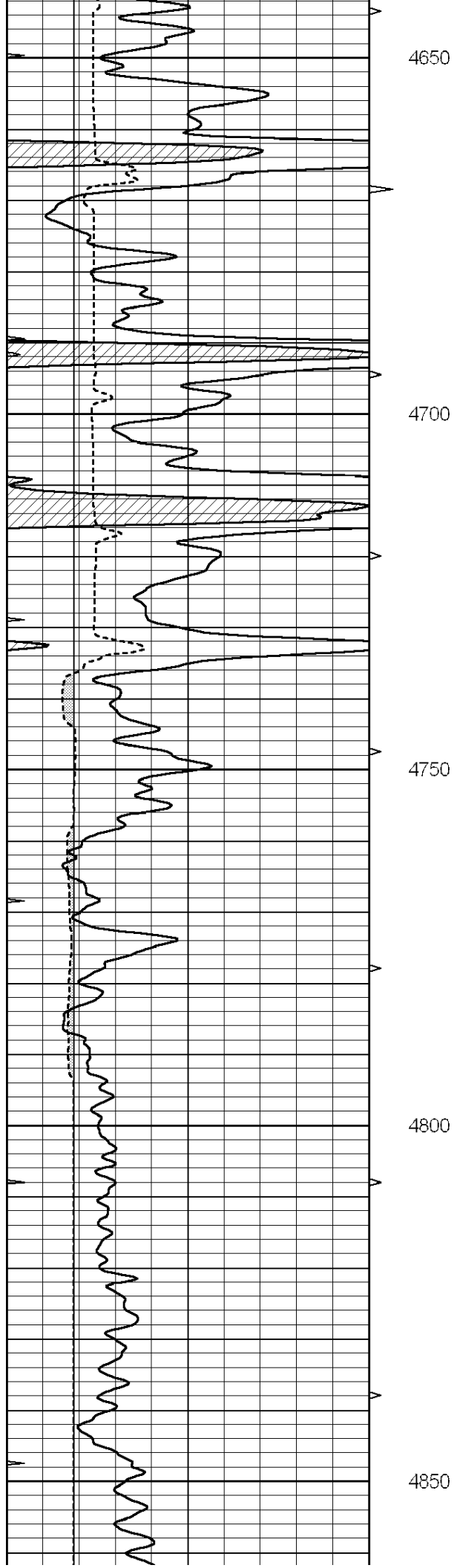
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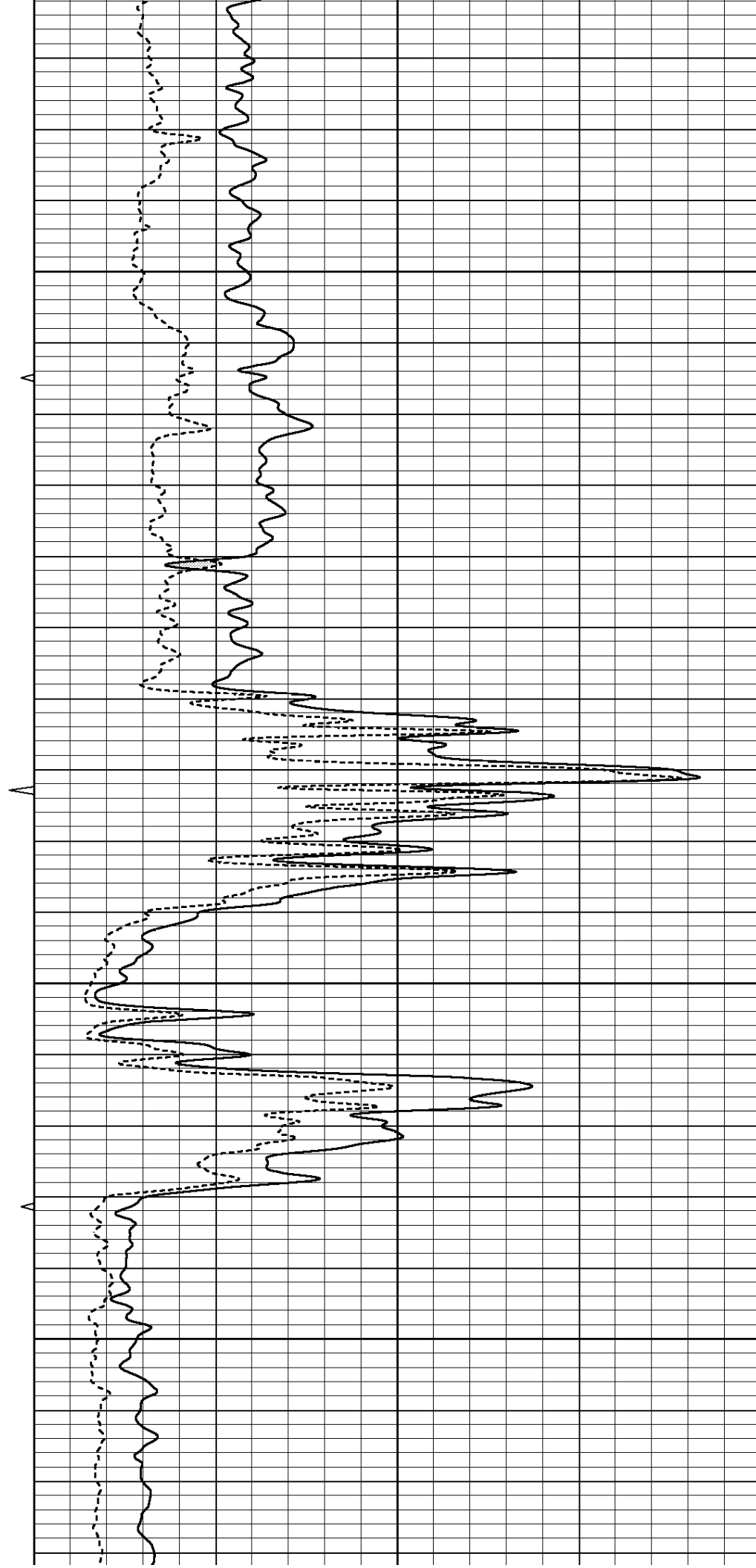
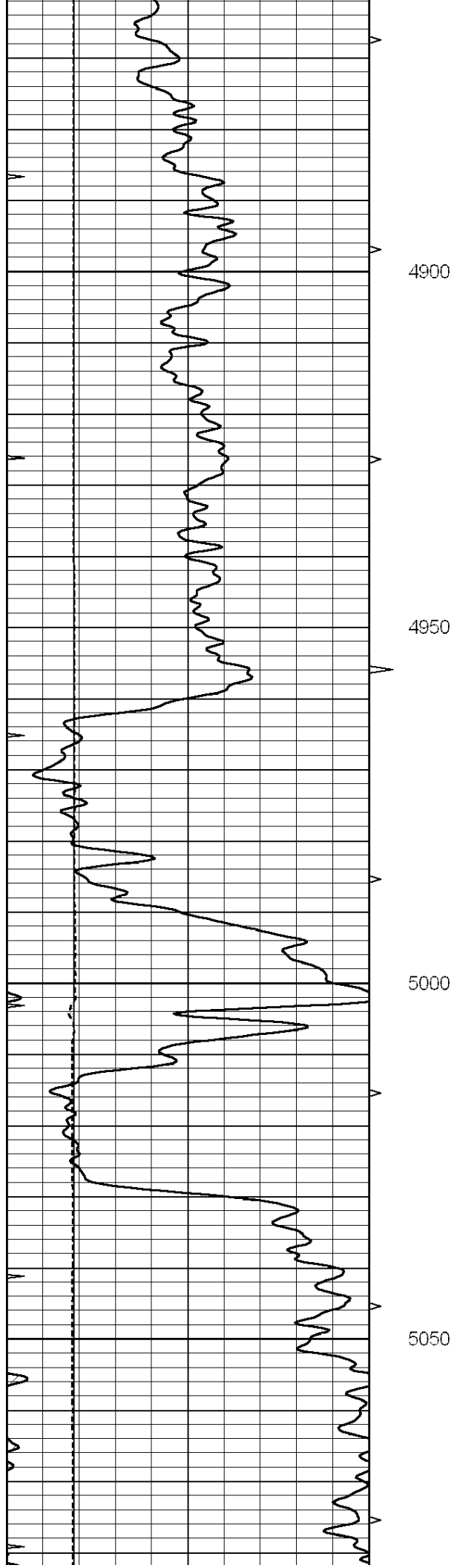
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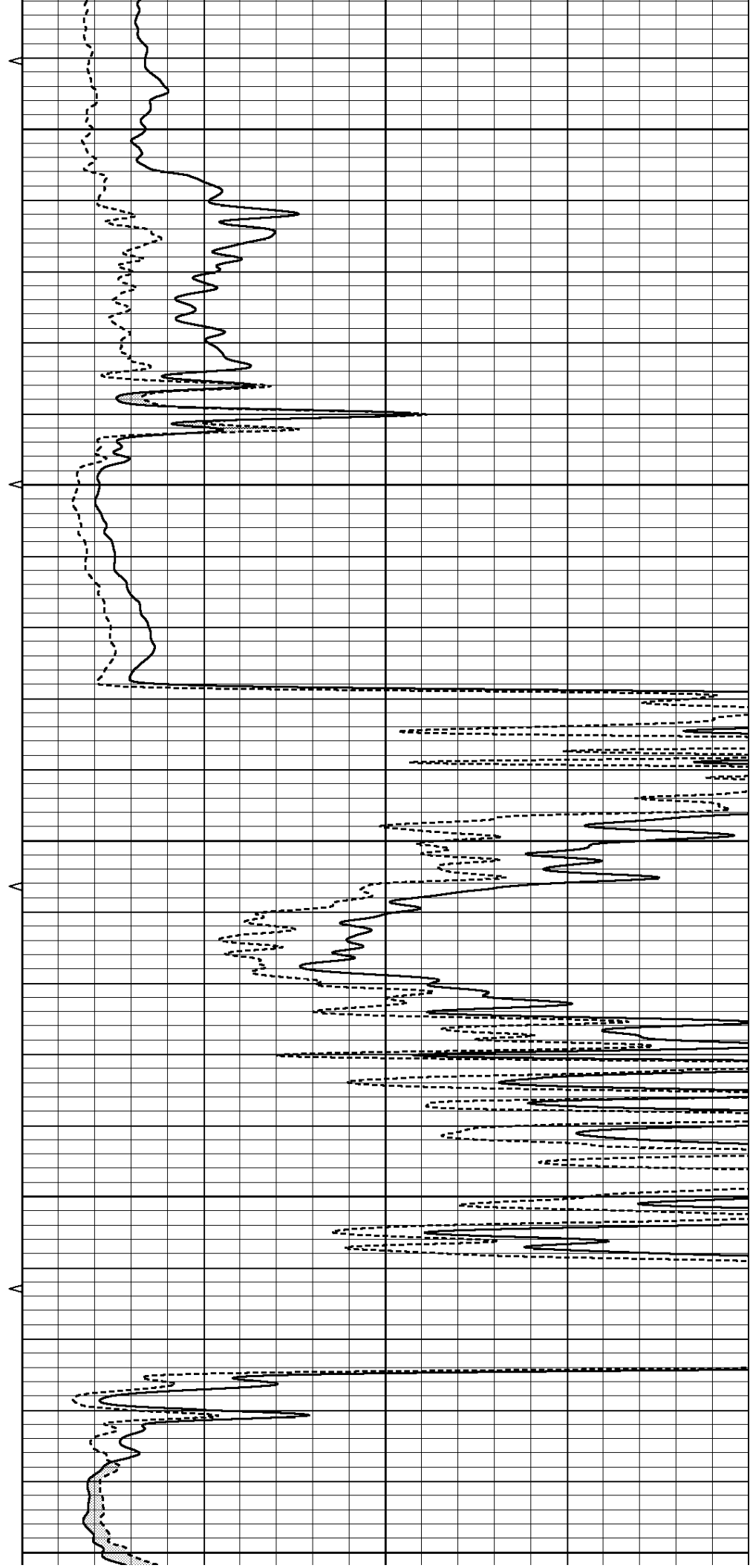
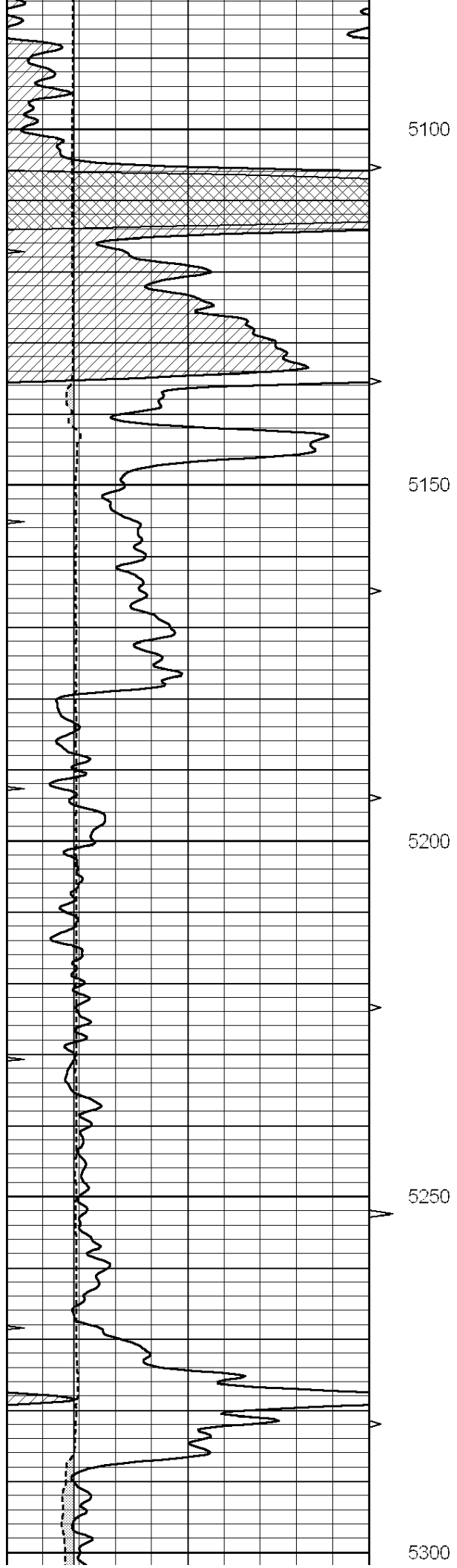
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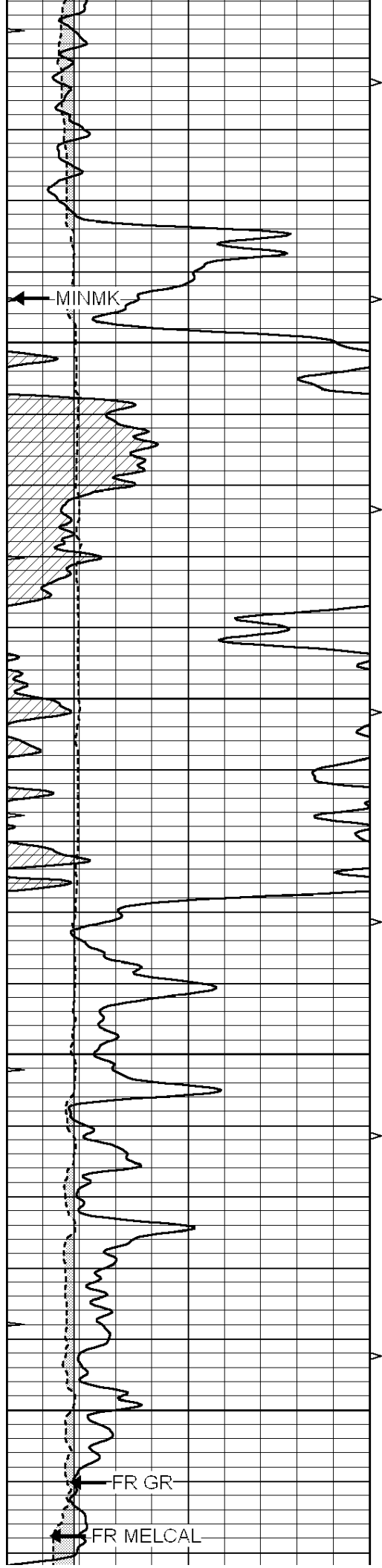
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5350

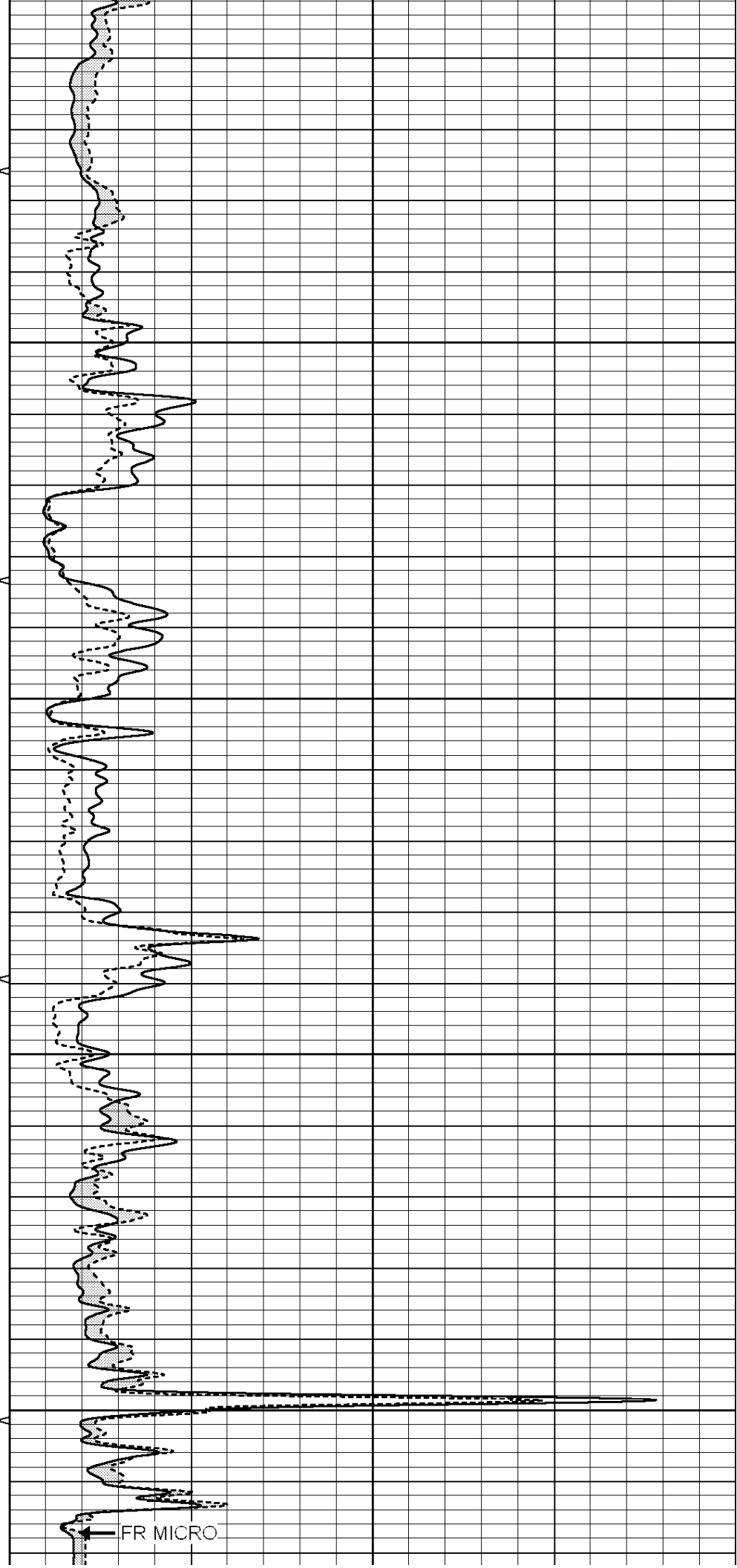
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ABHV →

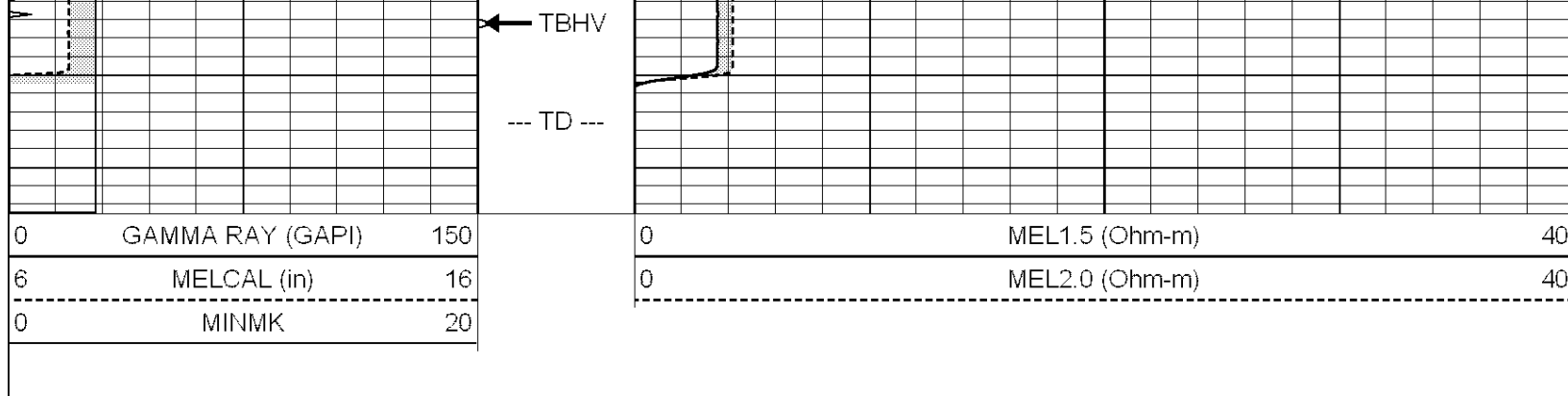
5450

5.5" ABHV

5500



FR MICRO

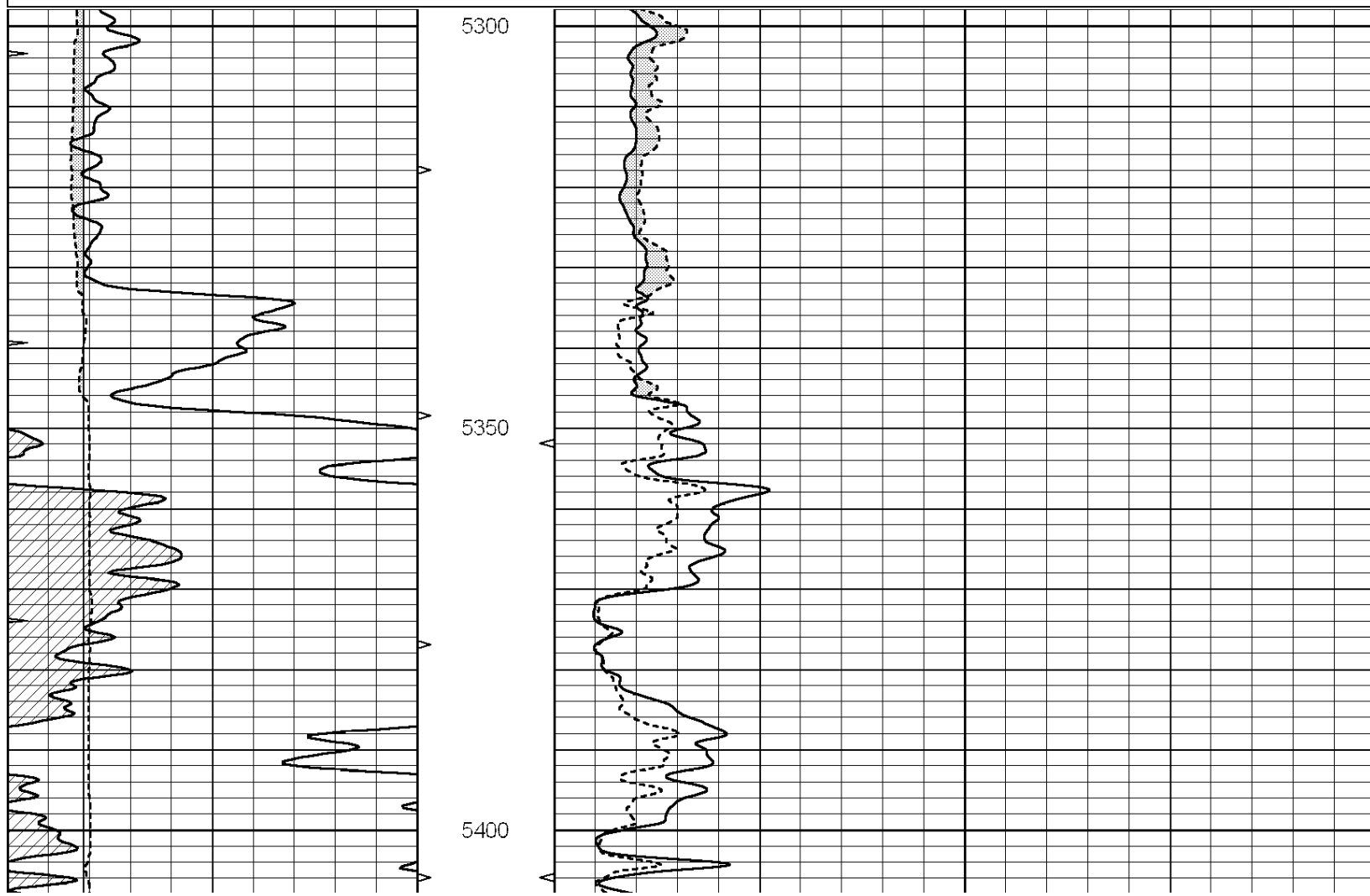
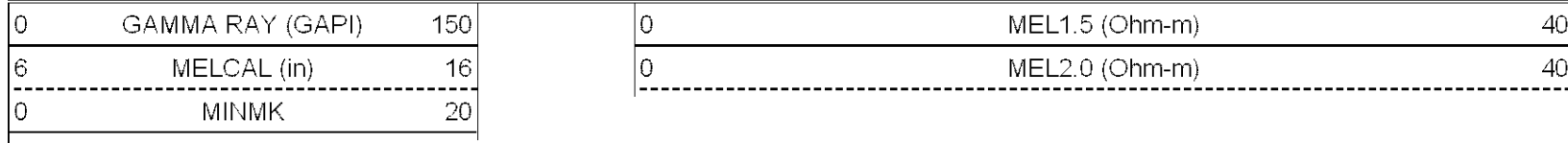


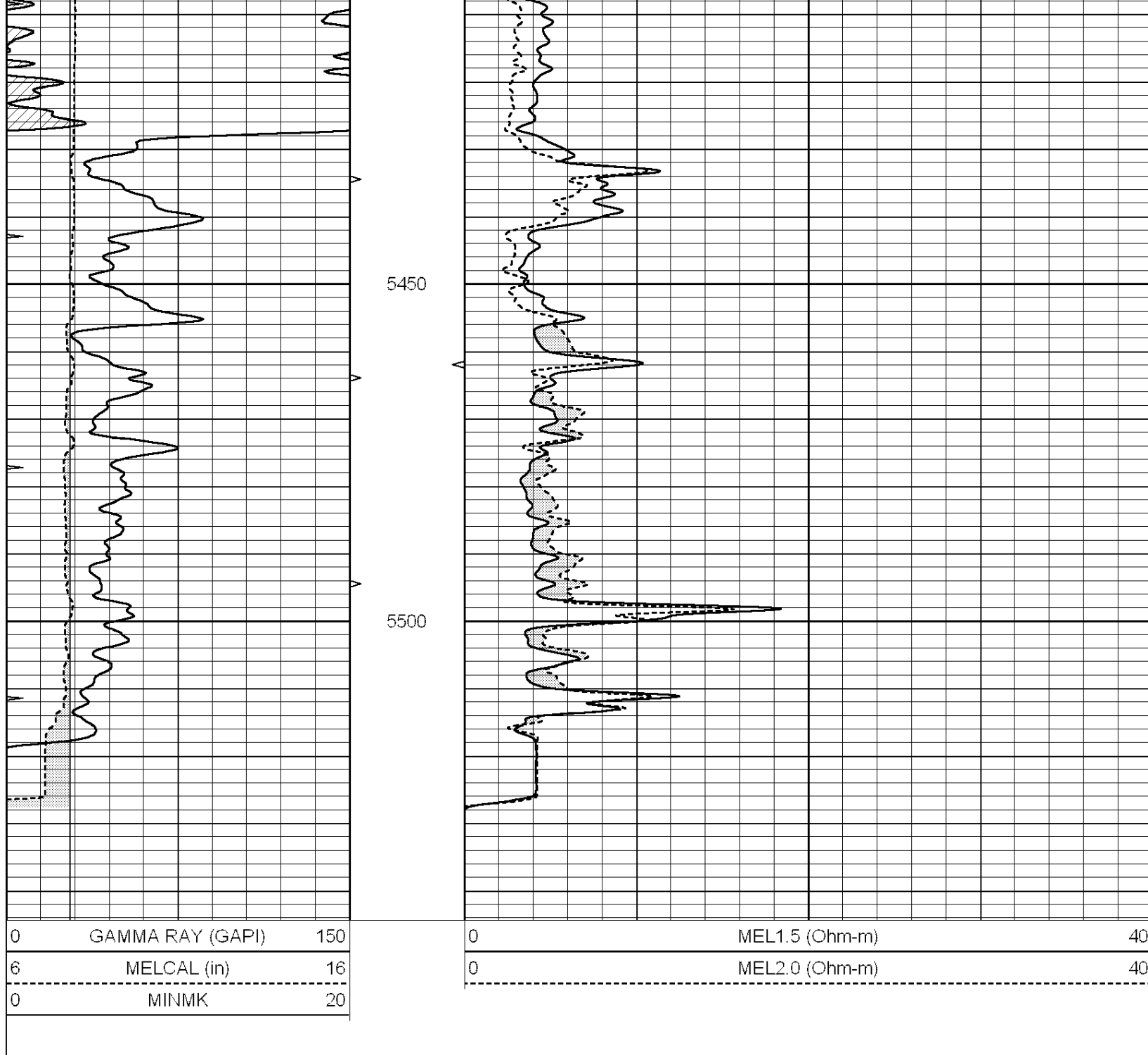


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# REPEAT SECTION

Database File: 006924pdm.db  
 Dataset Pathname: pass4.1  
 Presentation Format: micro  
 Dataset Creation: Mon May 23 00:49:25 2011 by Calc Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240





|                          |                          |               |
|--------------------------|--------------------------|---------------|
| Calibration Report       |                          |               |
| Database File:           | 006924pdn.db             |               |
| Dataset Pathname:        | pass5.1                  |               |
| Dataset Creation:        | Mon May 23 00:46:08 2011 |               |
| MICRO Calibration Report |                          |               |
| Serial Number:           | Micro1                   |               |
| Tool Model:              | ProbeL                   |               |
| Performed:               | Sun May 22 23:34:59 2011 |               |
| Caliper Calibration:     | Gain=2.598               | Offset=-0.401 |
| References               | Low Cal                  | High Cal      |
| Readings                 | 8.000                    | 13.000        |
|                          | 3.233                    | 5.157         |
| 1.5" Calibration:        | Gain=38.000              | Offset=-0.100 |

|                              |                          |                    |
|------------------------------|--------------------------|--------------------|
| References                   | Low Cal<br>0.000         | High Cal<br>20.000 |
| Readings                     | 0.003                    | 0.844              |
| 2" Calibration:              | Gain=34.000              | Offset=-0.300      |
| References                   | Low Cal<br>0.000         | High Cal<br>20.000 |
| Readings                     | 0.028                    | 0.817              |
| Gamma Ray Calibration Report |                          |                    |
| Serial Number:               | GR5                      |                    |
| Tool Model:                  | OPEN                     |                    |
| Performed:                   | Sun May 22 21:06:30 2011 |                    |
| Calibrator Value:            | 1.0                      | GAPI               |
| Background Reading:          | 0.0                      | cps                |
| Calibrator Reading:          | 1.0                      | cps                |
| Sensitivity:                 | 0.6500                   | GAPI/cps           |