



**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**MICRO  
LOG**

|                              |                            |                   |                                      |
|------------------------------|----------------------------|-------------------|--------------------------------------|
| Company                      | DOWNING NELSON OIL COMPANY |                   |                                      |
| Well                         | KRAMER UNIT #2-24          |                   |                                      |
| Field                        | WILDCAT                    |                   |                                      |
| County                       | CHEYENNE                   | State             | KANSAS                               |
| Location:                    | API # : 15-023-21404-00-00 |                   | Other Services<br>CNL/CDL<br>DIL/SON |
| SEC 24 TWP 5S RGE 37W        |                            | Elevation         |                                      |
| Permanent Datum              | GROUND LEVEL               | Elevation         | 3311                                 |
| Log Measured From            | KELLY BUSHING 13' A.G.L.   |                   | K.B. 3324                            |
| Drilling Measured From       | KELLY BUSHING              |                   | D.F. 3322                            |
|                              |                            |                   | G.L. 3311                            |
| Date                         | 7/30/14                    |                   |                                      |
| Run Number                   | TWO                        |                   |                                      |
| Depth Driller                | 4950                       |                   |                                      |
| Depth Logger                 | 4954                       |                   |                                      |
| Bottom Logged Interval       | 4936                       |                   |                                      |
| Top Log Interval             | 3500                       |                   |                                      |
| Casing Driller               | 8 5/8 @ 476'               |                   |                                      |
| Casing Logger                | 476'                       |                   |                                      |
| Bit Size                     | 7.875                      |                   |                                      |
| Type Fluid in Hole           | CHEMICAL MUD               |                   |                                      |
| Density / Viscosity          | 9.6/58                     | CHLORIDES 500 PPM |                                      |
| pH / Fluid Loss              | 11.0/8.8                   |                   |                                      |
| Source of Sample             | FLOWLINE                   |                   |                                      |
| Rm @ Meas. Temp              | 1.40 @ 95F                 |                   |                                      |
| Rmf @ Meas. Temp             | 1.05 @ 95F                 |                   |                                      |
| Rmc @ Meas. Temp             | 1.68 @ 95F                 |                   |                                      |
| Source of Rmf / Rmc          | MEASURED                   |                   |                                      |
| Rm @ BHT                     | 1.06 @ 125F                |                   |                                      |
| Time Circulation Stopped     | 2 HOURS                    |                   |                                      |
| Time Logger on Bottom        |                            |                   |                                      |
| Maximum Recorded Temperature | 125F                       |                   |                                      |
| Equipment Number             | 3802                       |                   |                                      |
| Location                     | HAYS, KS.                  |                   |                                      |
| Recorded By                  | IAN MABB                   |                   |                                      |
| Witnessed By                 | RON NELSON                 |                   |                                      |

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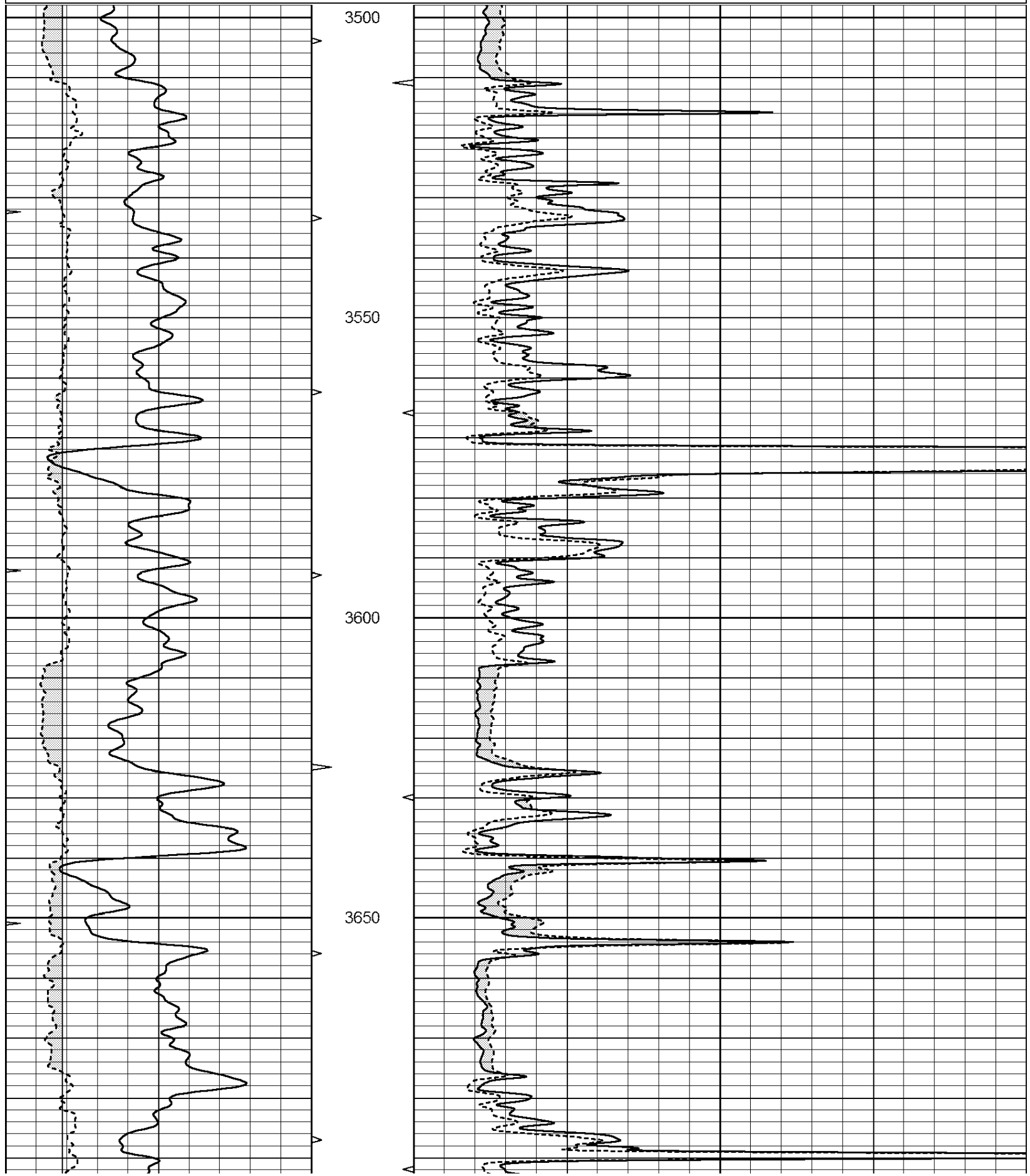
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

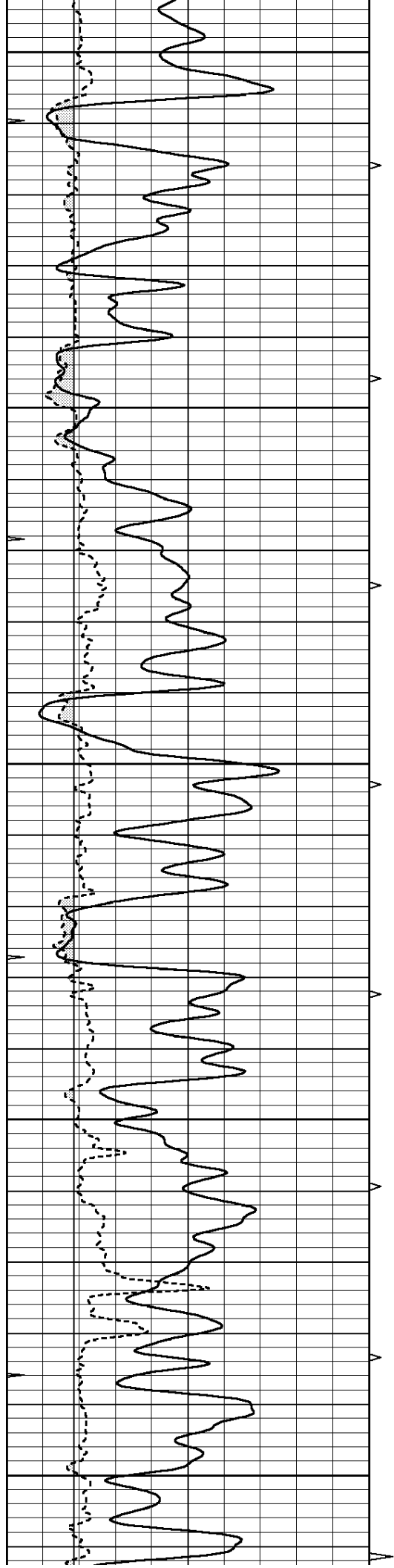
Comments

NABORS COMPLETION & PRODUCTION SERVICES CO.  
785 ( 628 - 6395 )  
THANK YOU FOR YOUR BUSINESS  
DIRECTIONS : BREWSTER, KS. - 17 NORTH TO THE CURVE - 3 WEST - 1 1/2 NORTH - EAST INTO

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

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





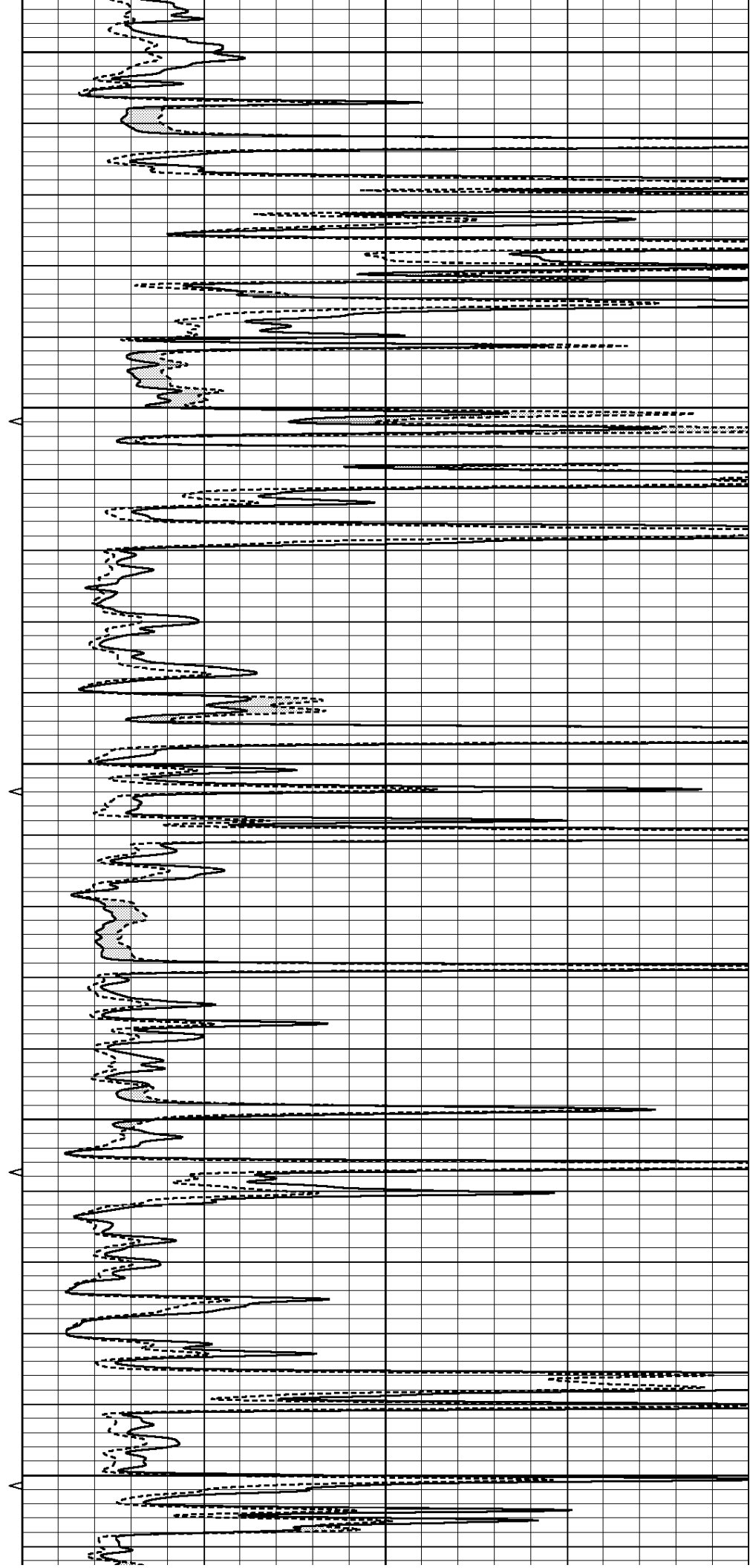
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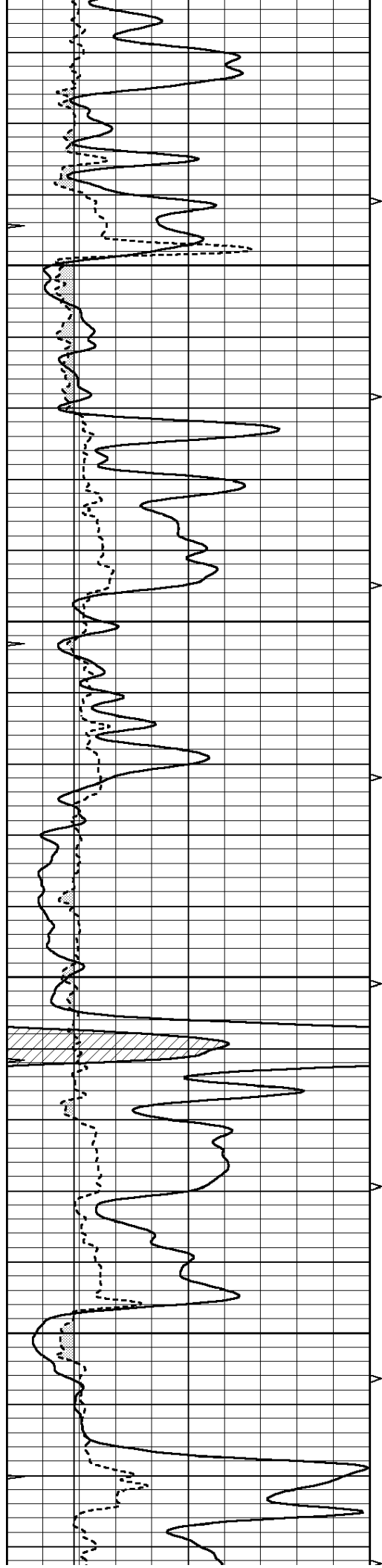
3750

3800

3850

3900



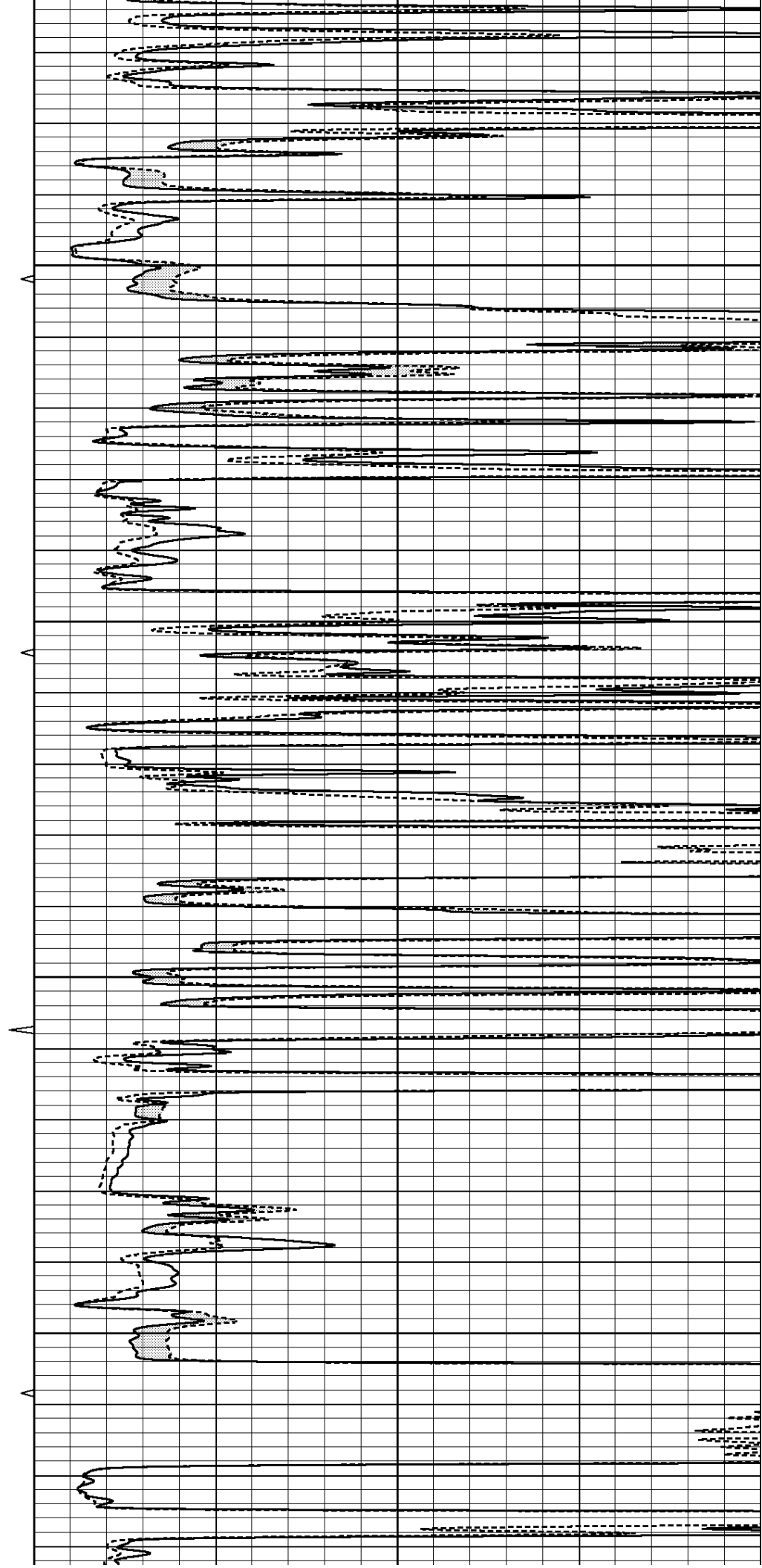


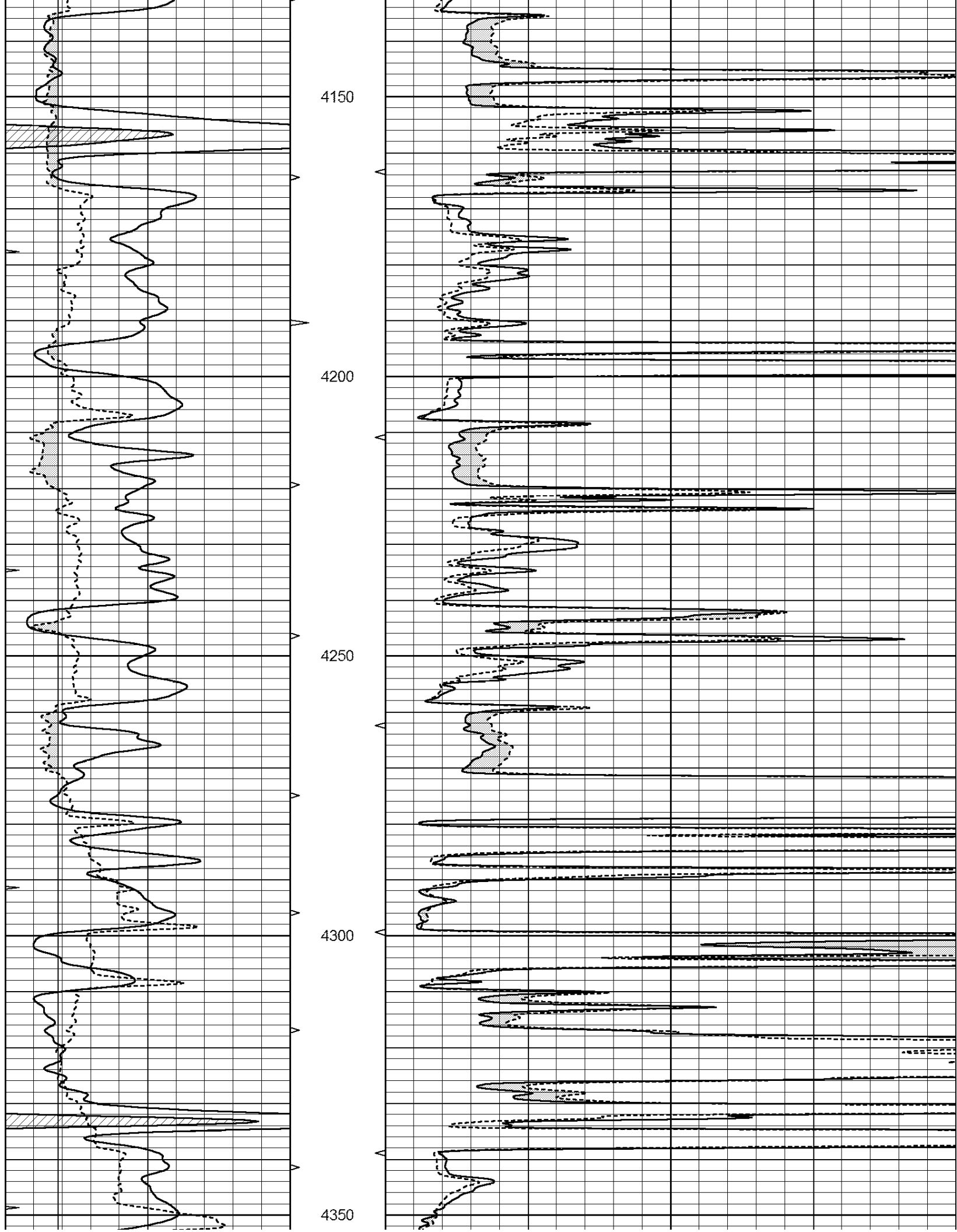
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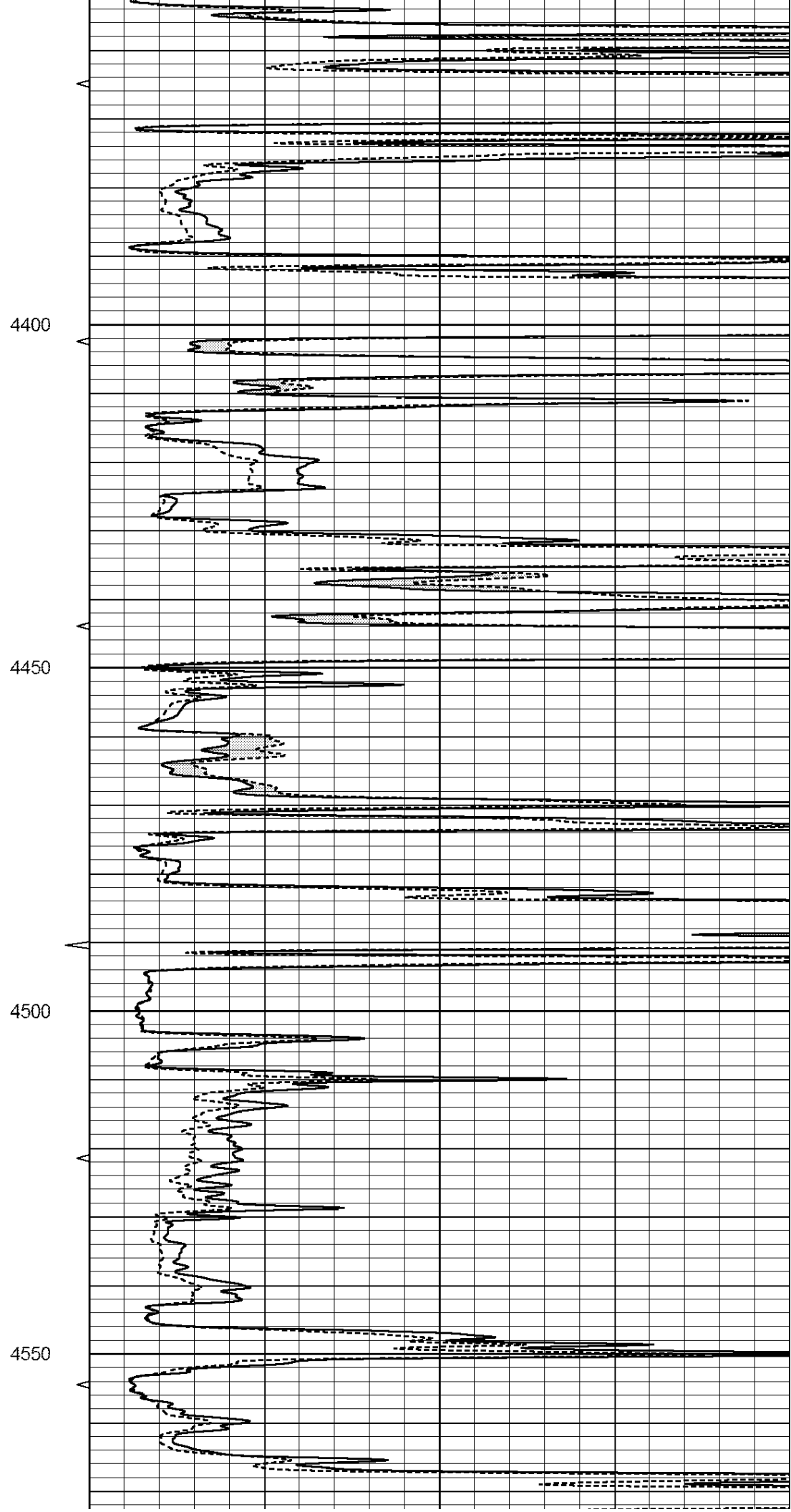
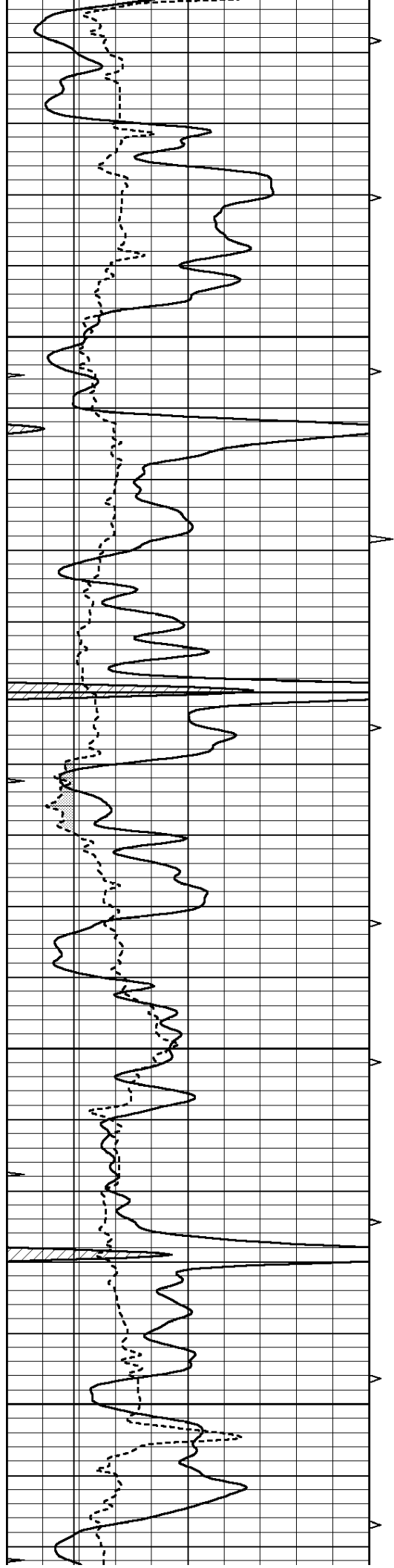
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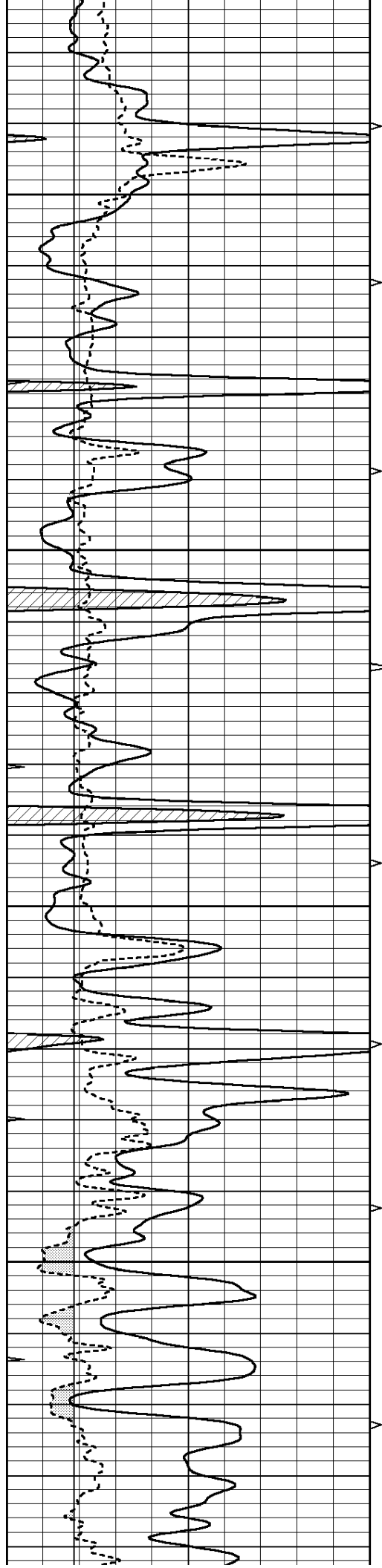
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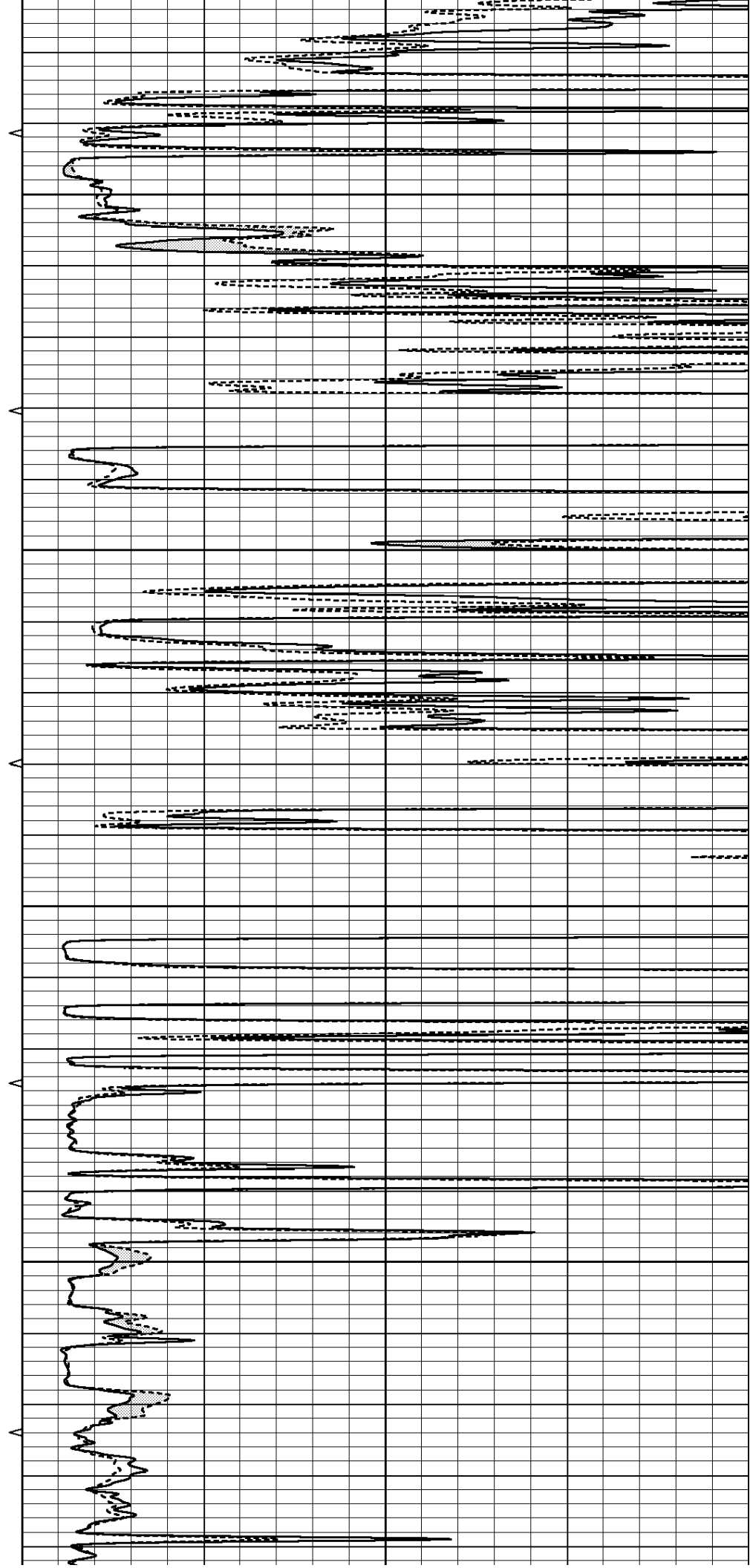


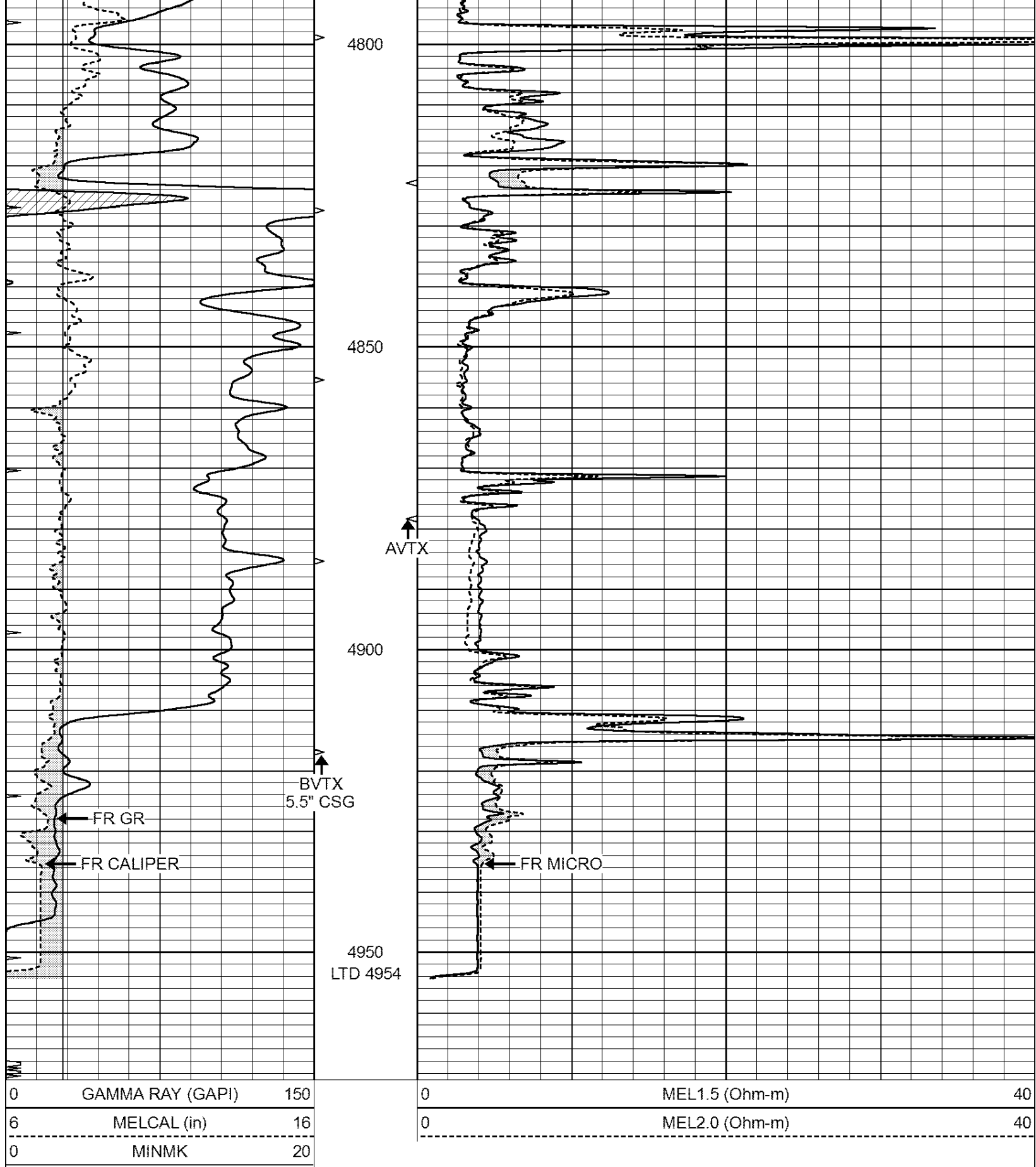
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4650

4700

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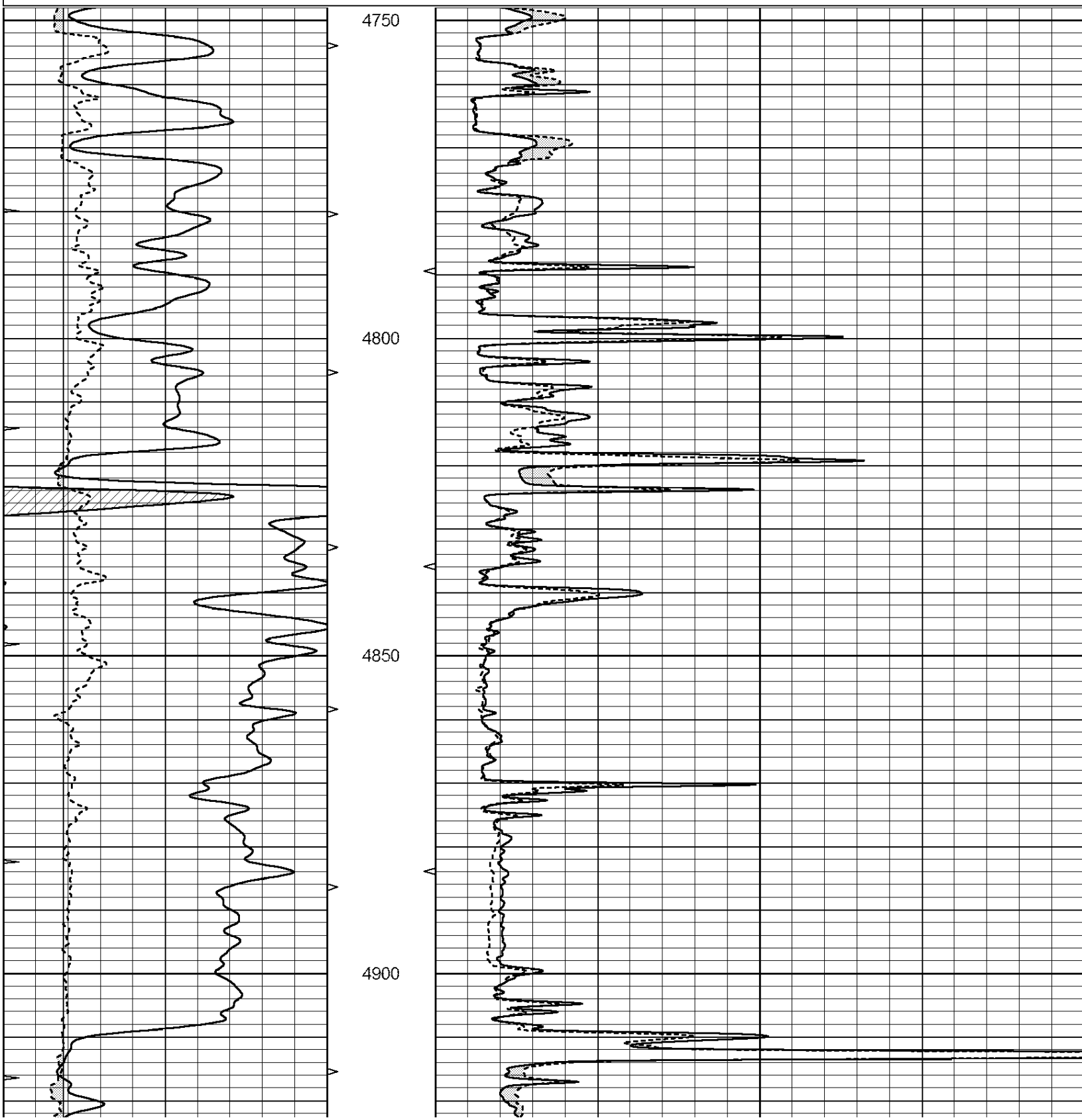


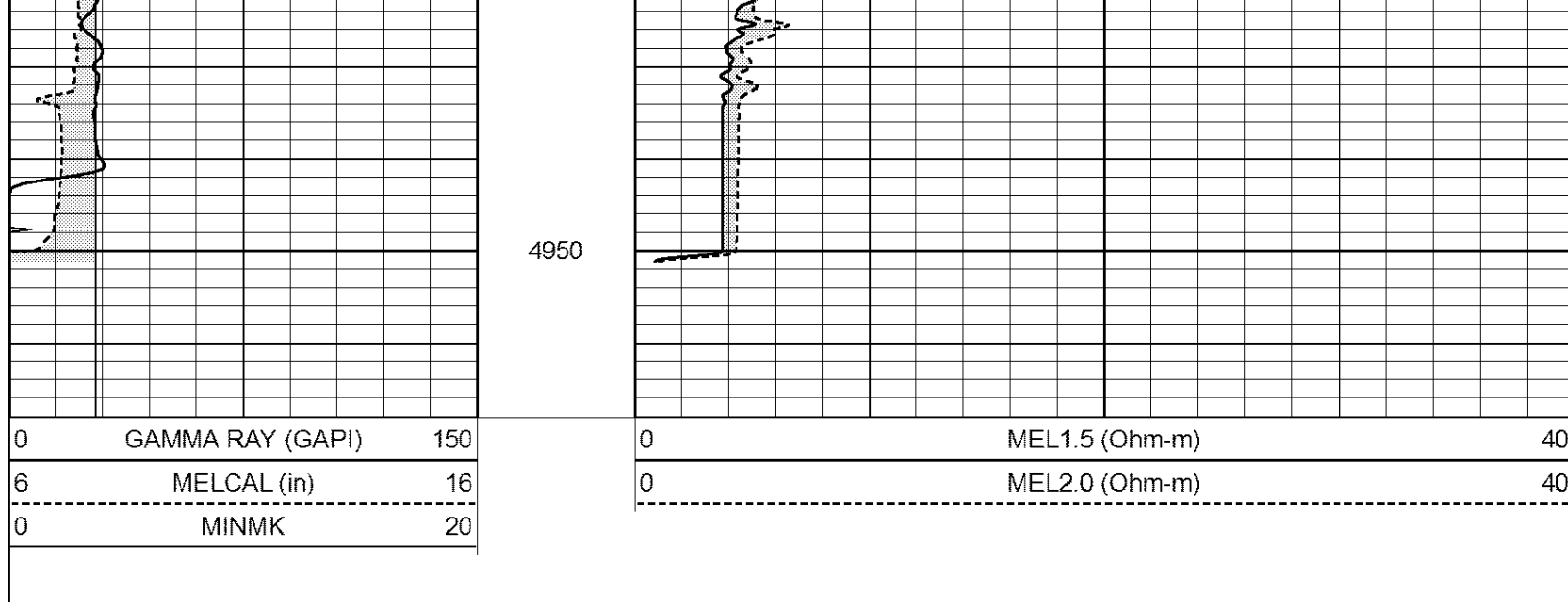


Database File: 24716ddn.db  
 Dataset Pathname: pass5.5  
 Presentation Format: \_micro  
 Dataset Creation: Wed Jul 30 15:24:44 2014 by Calc Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240

|   |                  |     |
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| Calibration Report           |                                                    |               |  |
|------------------------------|----------------------------------------------------|---------------|--|
| Database File:               | 24716ddn.db                                        |               |  |
| Dataset Pathname:            | pass7.1                                            |               |  |
| Dataset Creation:            | Wed Jul 30 17:17:03 2014 by Calc Open-Cased 090629 |               |  |
| MICRO Calibration Report     |                                                    |               |  |
| Serial Number:               | MICRO5                                             |               |  |
| Tool Model:                  | PROBE                                              |               |  |
| Performed:                   | Mon Jul 28 21:39:35 2014                           |               |  |
| Caliper Calibration:         | Gain=3.000                                         | Offset=-3.700 |  |
|                              | Low Cal                                            | High Cal      |  |
| References                   | 6.200                                              | 15.000        |  |
| Readings                     | 3.737                                              | 5.660         |  |
| 1.5" Calibration:            | Gain=20.334                                        | Offset=0.850  |  |
|                              | Low Cal                                            | High Cal      |  |
| References                   | 0.000                                              | 20.000        |  |
| Readings                     | 0.025                                              | 1.009         |  |
| 2" Calibration:              | Gain=25.398                                        | Offset=1.000  |  |
|                              | Low Cal                                            | High Cal      |  |
| References                   | 0.000                                              | 20.000        |  |
| Readings                     | 0.014                                              | 0.802         |  |
| Gamma Ray Calibration Report |                                                    |               |  |
| Serial Number:               | GR2                                                |               |  |
| Tool Model:                  | OPEN                                               |               |  |
| Performed:                   | Mon Jul 28 21:39:28 2014                           |               |  |
| Calibrator Value:            | 200.0                                              | GAPI          |  |
| Background Reading:          | 0.0                                                | cps           |  |
| Calibrator Reading:          | 740.0                                              | cps           |  |
| Sensitivity:                 | 0.3000                                             | GAPI/cps      |  |