



## MICRO LOG

|                              |                           |                                        |                      |
|------------------------------|---------------------------|----------------------------------------|----------------------|
| Company                      | L. D. DRILLING, INC.      | Company                                | L. D. DRILLING, INC. |
| Well                         | #1-2 CARTER               | Well                                   | #1-2 CARTER          |
| Field                        | BROUGHTON NORTH           | Field                                  | BROUGHTON NORTH      |
| County                       | LANE                      | County                                 | LANE                 |
| State                        | KANSAS                    | State                                  | KANSAS               |
| Location:                    | API # : 15-101-22690-0000 | Other Services<br>CDL/CNL<br>DIL/SONIC |                      |
| Permanent Datum              | GROUND LEVEL              | Elevation                              | 2445                 |
| Log Measured From            | KELLY BUSHING 5' A.G.L    |                                        |                      |
| Drilling Measured From       | KELLY BUSHING             |                                        |                      |
| SEC 2                        | TWP 16S                   | RGE 27W                                |                      |
| 540' FNL & 1833' FWL         |                           |                                        |                      |
| 1/3/24                       | TWO                       |                                        |                      |
| Run Number                   | 4424                      |                                        |                      |
| Depth Driller                | 4426                      |                                        |                      |
| Depth Logger                 | 4410                      |                                        |                      |
| Bottom Logged Interval       | 3200                      |                                        |                      |
| Top Log Interval             | 8.625@304                 |                                        |                      |
| Casing Driller               | 304                       |                                        |                      |
| Casing Logger                | 7.785                     |                                        |                      |
| Bit Size                     | CHEMICAL MUD              | CHLORIDES 2,900 PPM                    |                      |
| Type Fluid in Hole           | 9.4/57                    |                                        |                      |
| Density / Viscosity          | 10.0/7.6                  |                                        |                      |
| pH / Fluid Loss              | FLOWLINE                  |                                        |                      |
| Source of Sample             | .800@80F                  |                                        |                      |
| Rm @ Meas. Temp              | .600@80F                  |                                        |                      |
| Rmf @ Meas. Temp             | .960@80F                  |                                        |                      |
| Rmc @ Meas. Temp             | MEASUREMENT               |                                        |                      |
| Source of Rmf / Rmc          | .533@120F                 |                                        |                      |
| Rm @ BHT                     | 4 HOURS                   |                                        |                      |
| Time Circulation Stopped     | 4:30 P.M.                 |                                        |                      |
| Time Logger on Bottom        | 120F                      |                                        |                      |
| Maximum Recorded Temperature | 922339                    |                                        |                      |
| Equipment Number             | HAYS, KANSAS              |                                        |                      |
| Location                     | JEFF LUEBBERS             | JEREMEY PASEK                          |                      |
| Recorded By                  | KIM SHOEMAKER             |                                        |                      |
| Witnessed By                 |                           |                                        |                      |

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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.

15-101-22690-0000

Comments

THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395  
DIRECTIONS

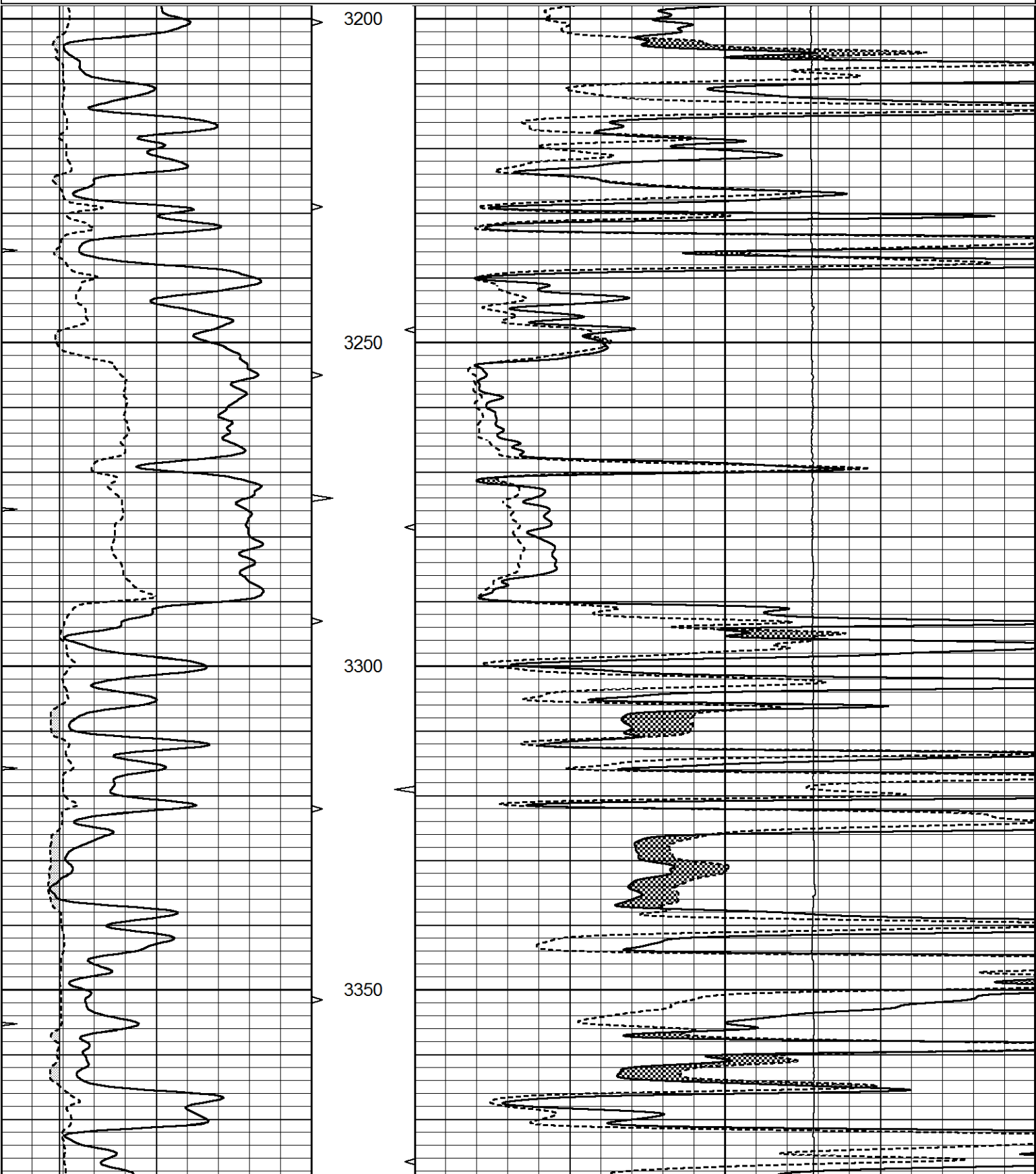
UTICA, KS., 3W. ON HWY 4 TO "RD. A" (CASTLE ROCK RD.) 4N. TO VESS TANK BATTERY, W. ON  
LEASE RD. TO CATTLE GUARD, S. TO CURVE W. THEN BACK N. & W. PAST TANK BATTERY 3 1/2  
MILES TOTAL

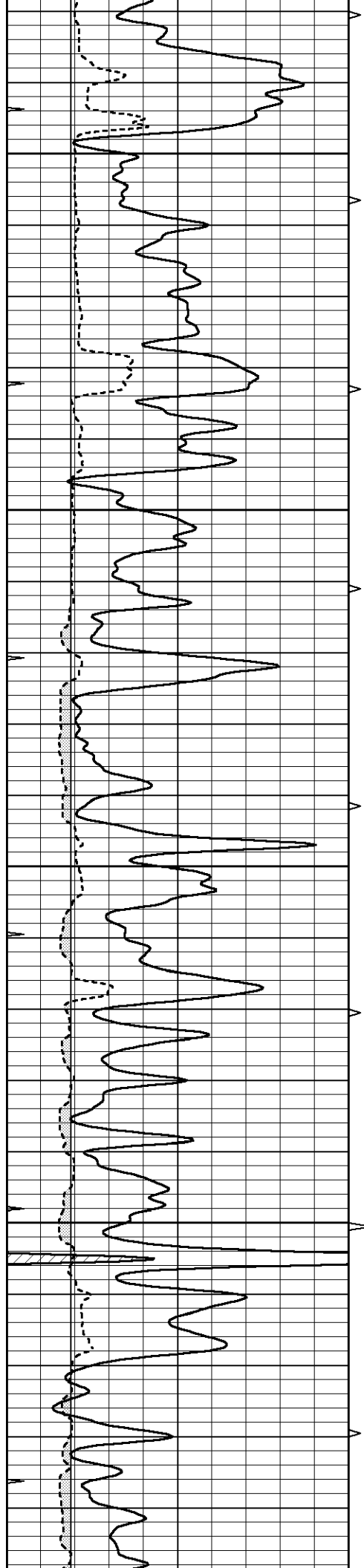


# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 8403ddn.db                 |
| Dataset Pathname    | pass6.1                    |
| Presentation Format | _micro                     |
| Dataset Creation    | Wed Jan 03 17:40:41 2024   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |          |    |                |                |    |           |      |
|---|------------------|-----|----------|----|----------------|----------------|----|-----------|------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV     | 0  | MEL1.5 (Ohm-m) |                | 40 |           |      |
| 6 | CALIPER (in)     | 16  | 10 (ft3) | 0  | 0              | MEL2.0 (Ohm-m) |    | 40        |      |
| 0 | MINMK            | 20  | TBHV     |    |                |                | 0  | LTEN (lb) | 5000 |
|   |                  |     | 0 (ft3)  | 10 |                |                |    |           |      |



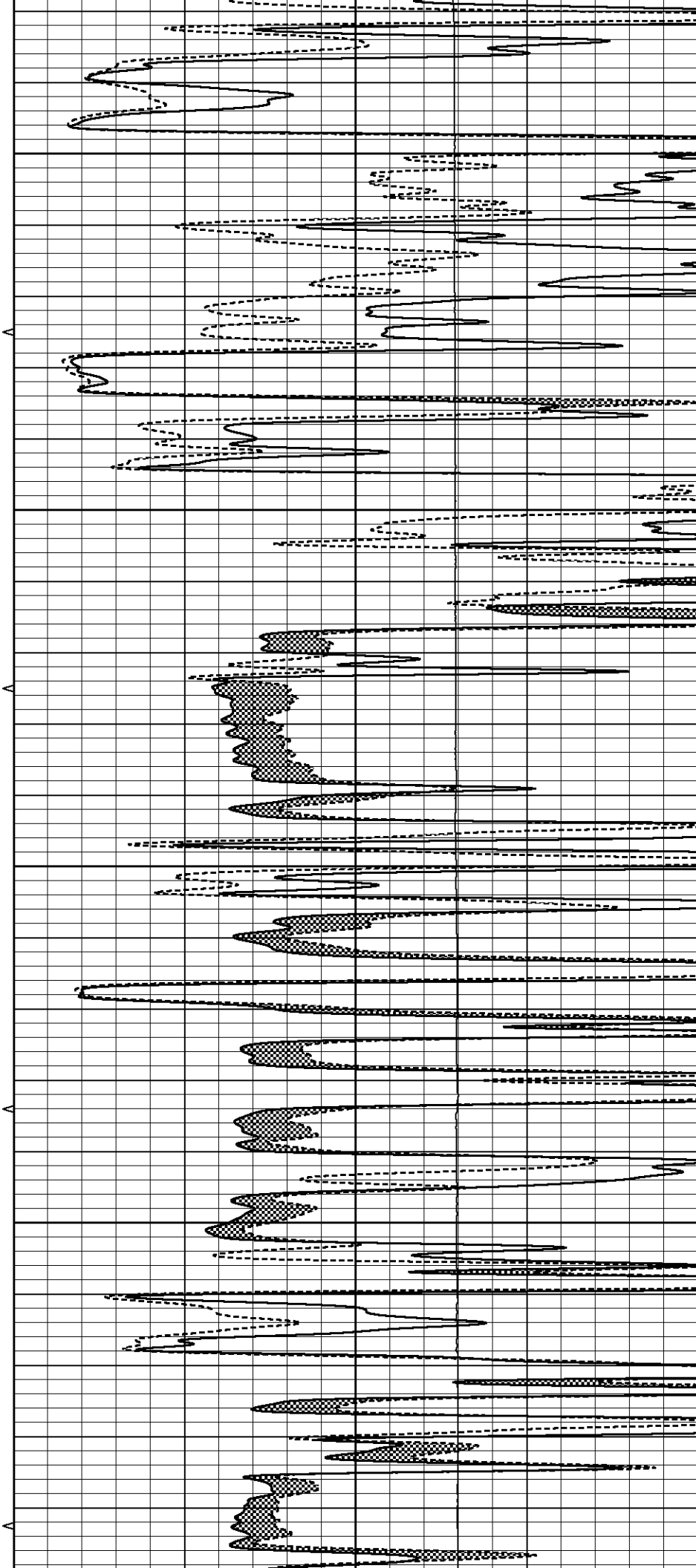


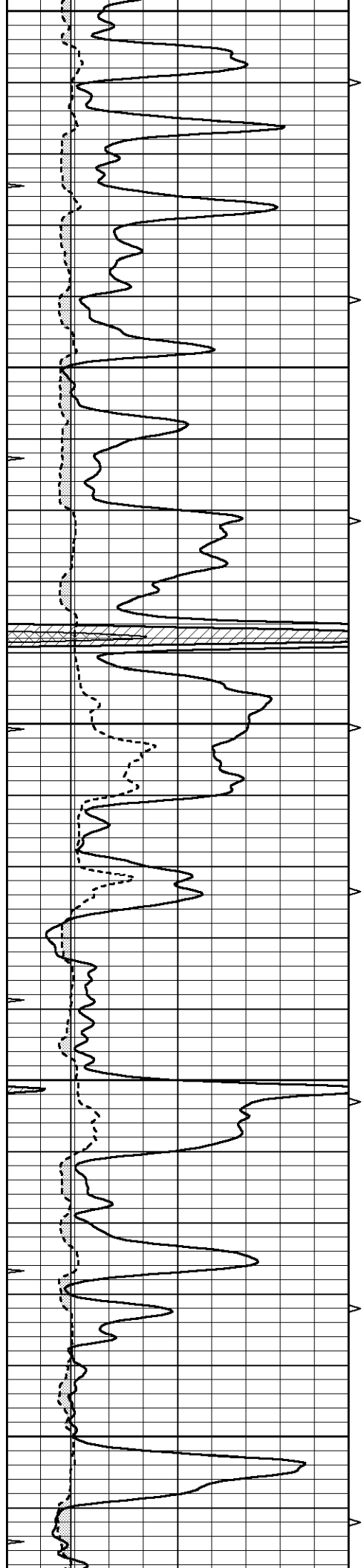
3400

3450

3500

3550





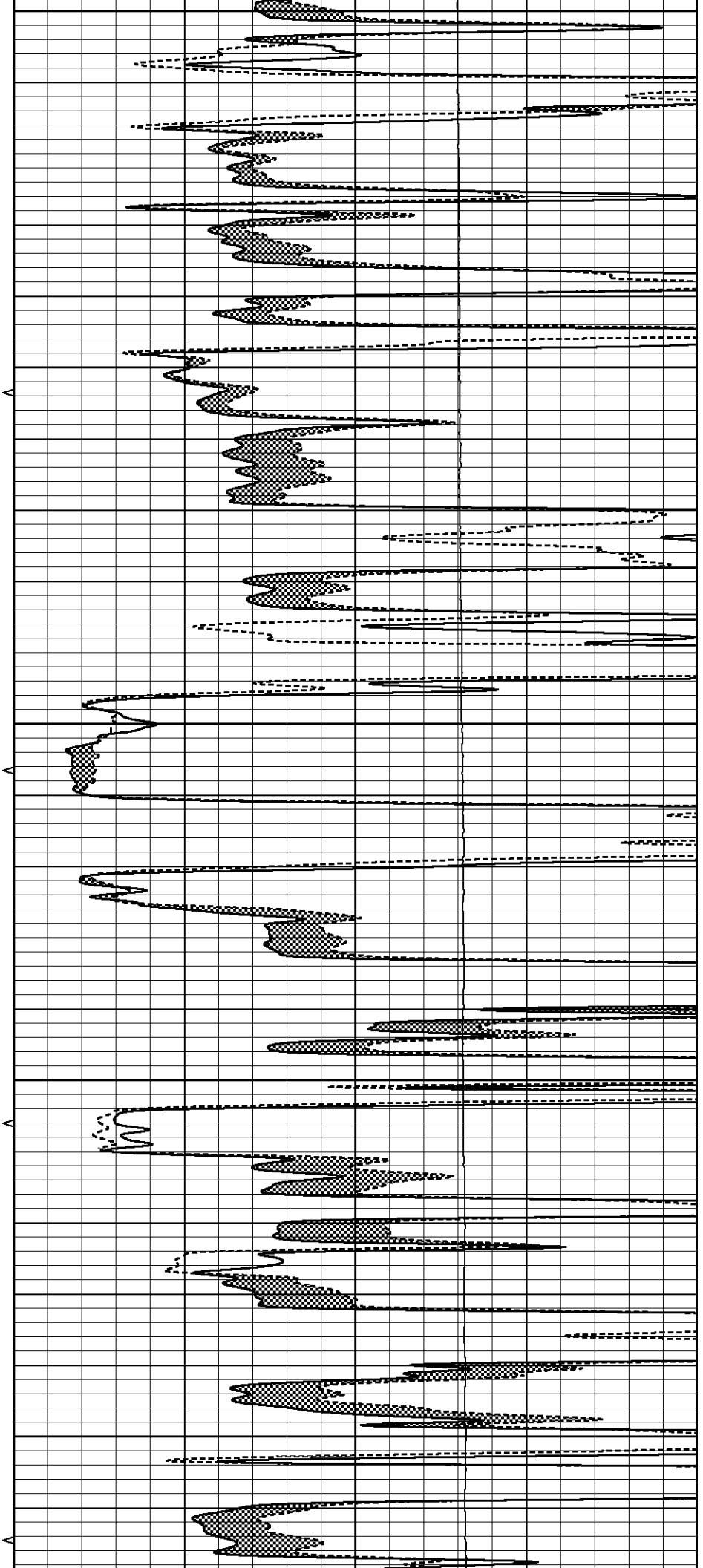
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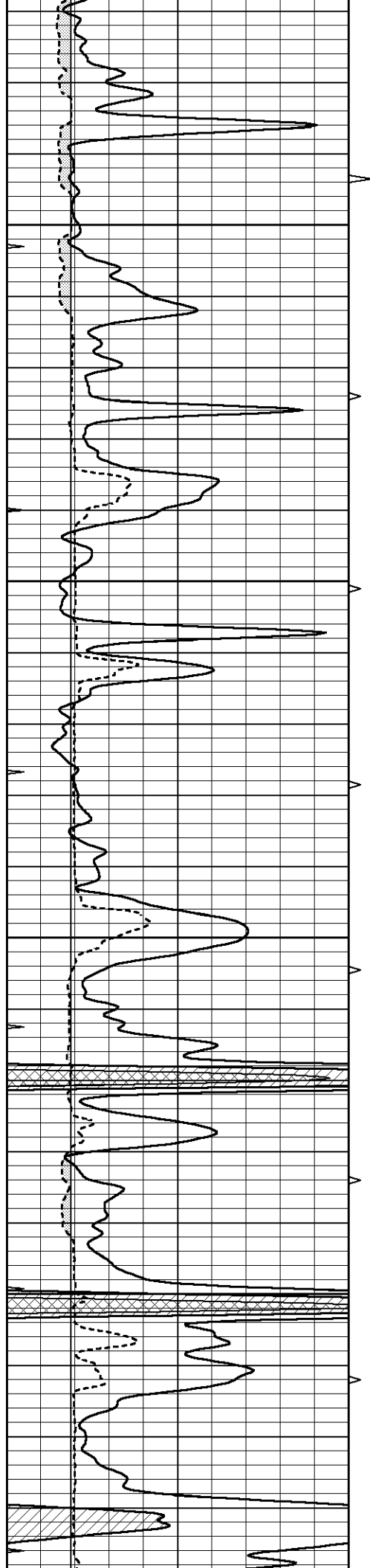
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3700

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3800



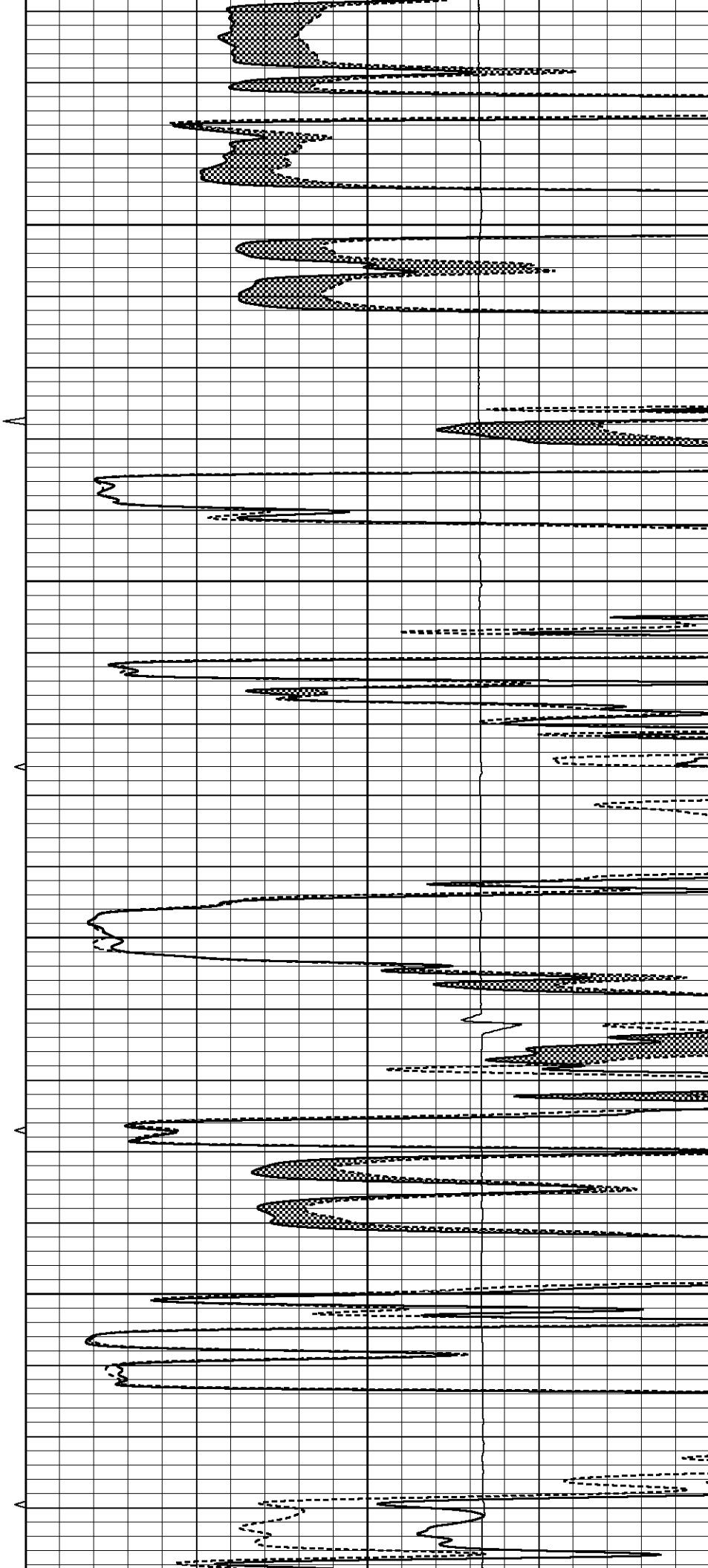


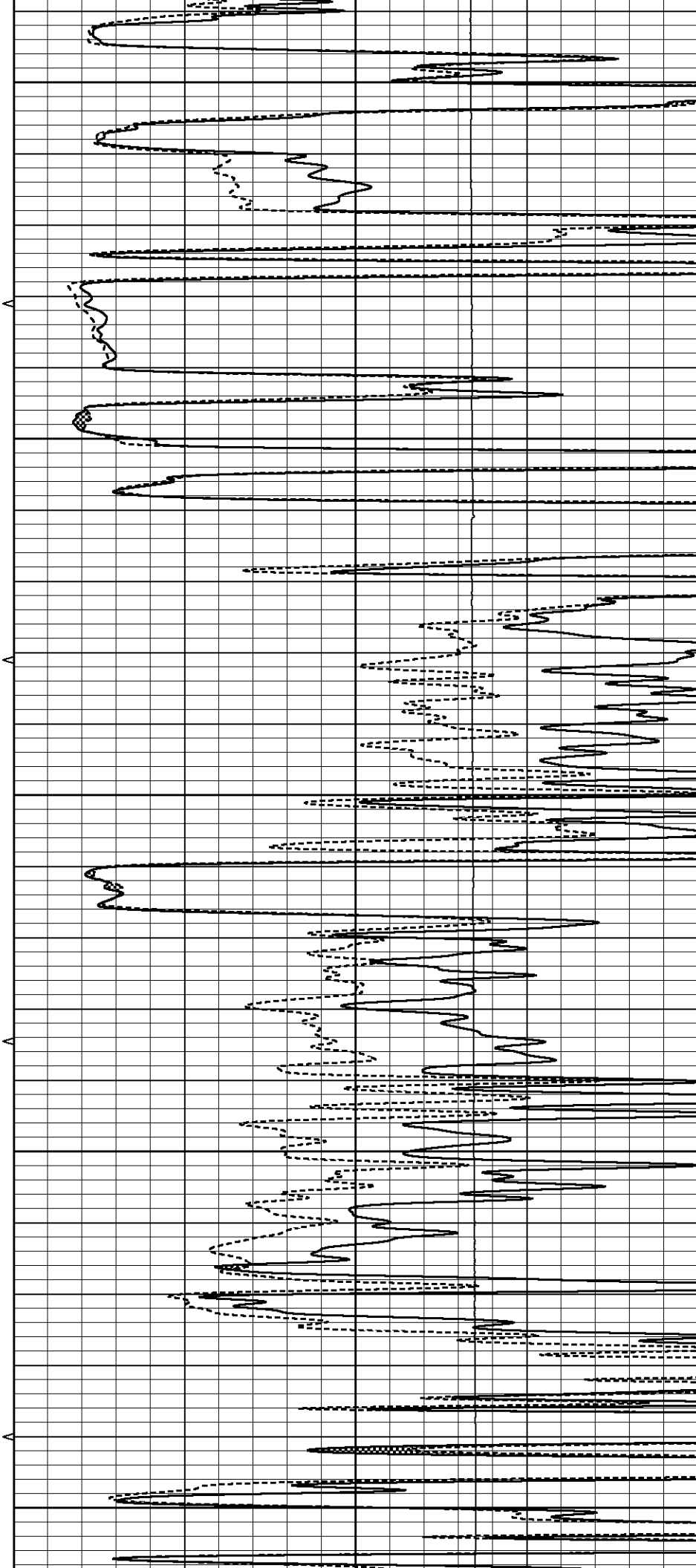
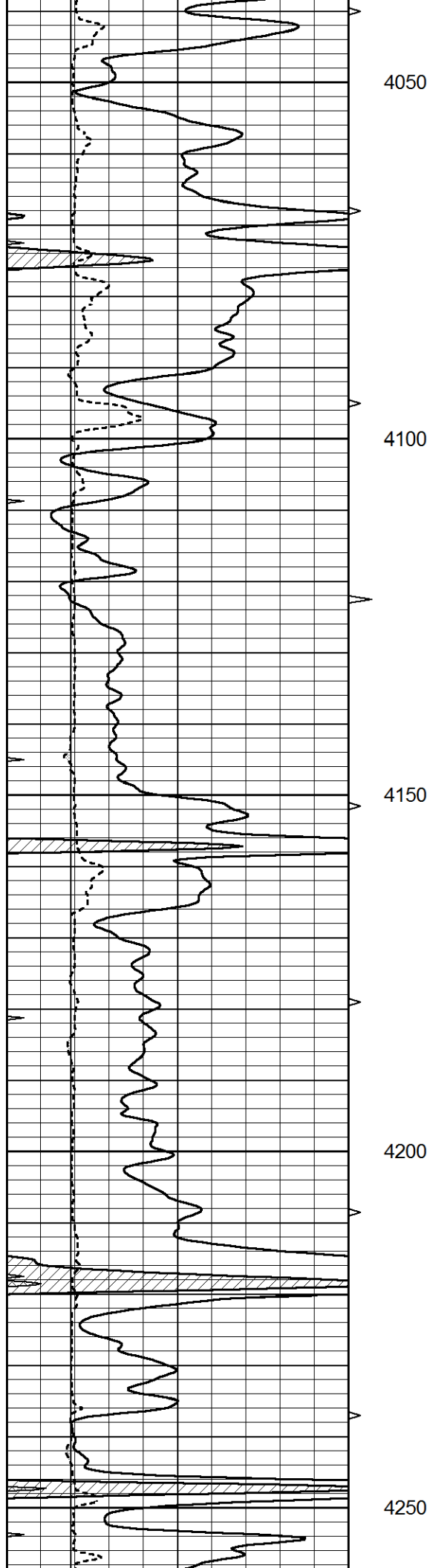
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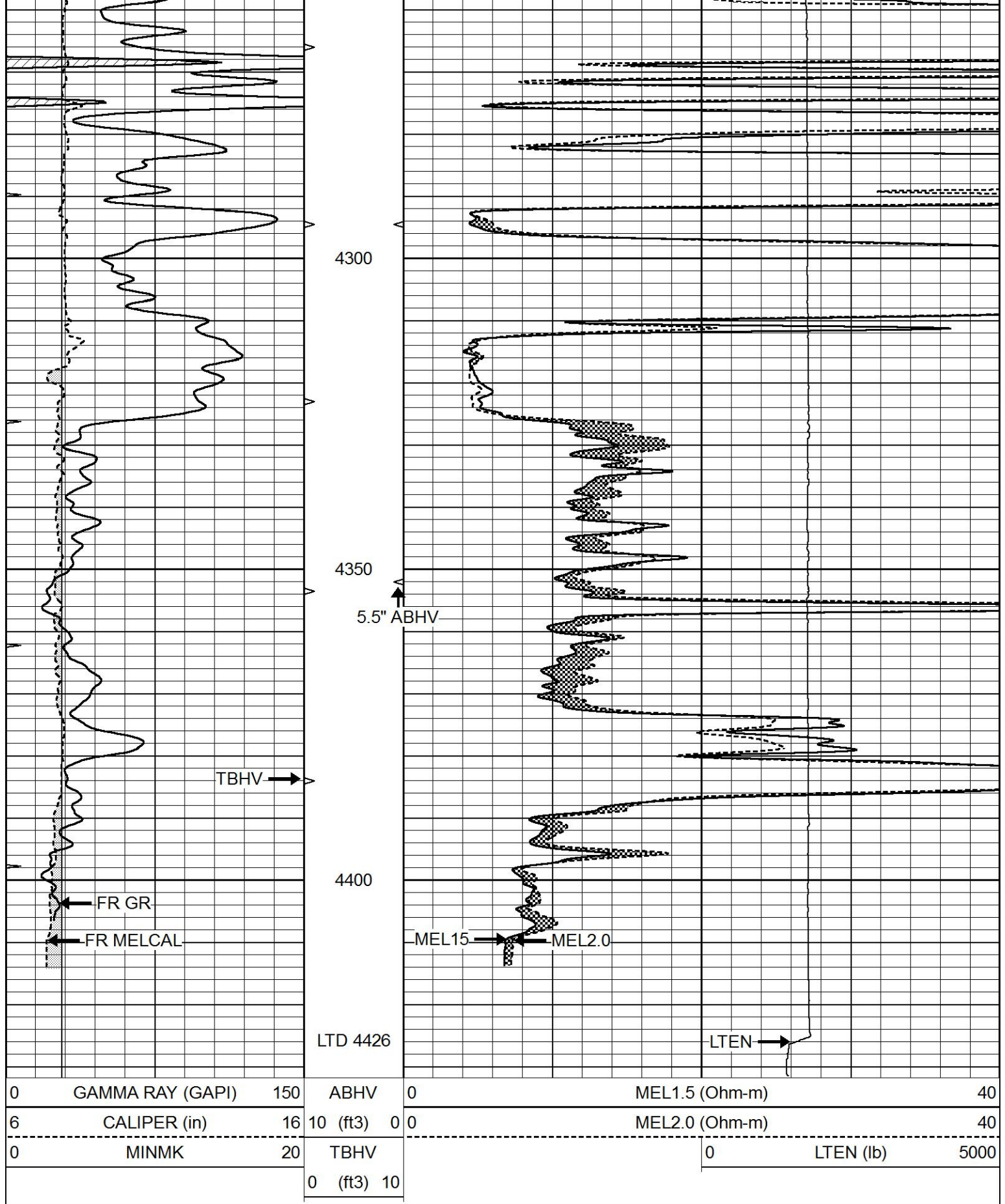
3950

4000





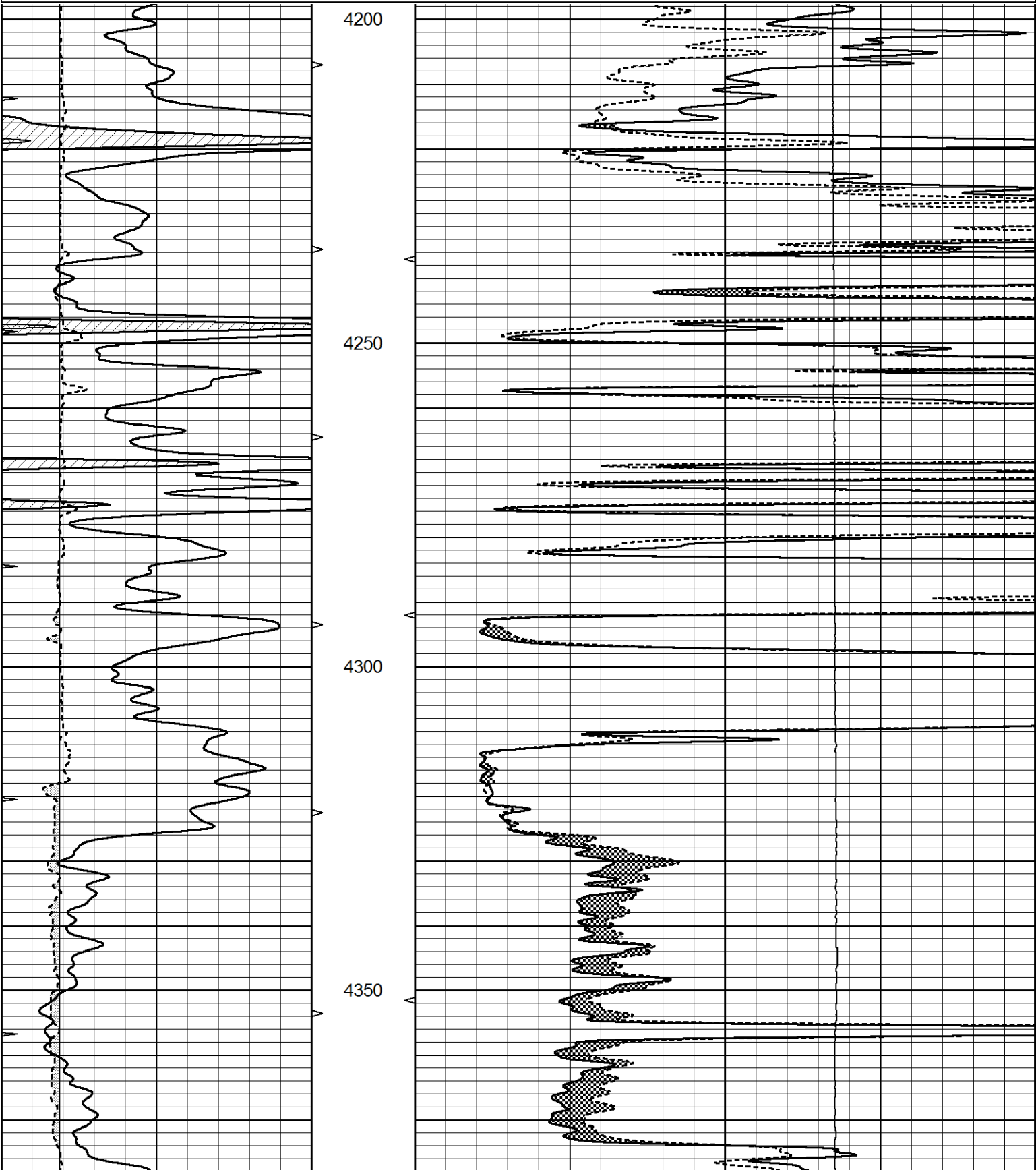




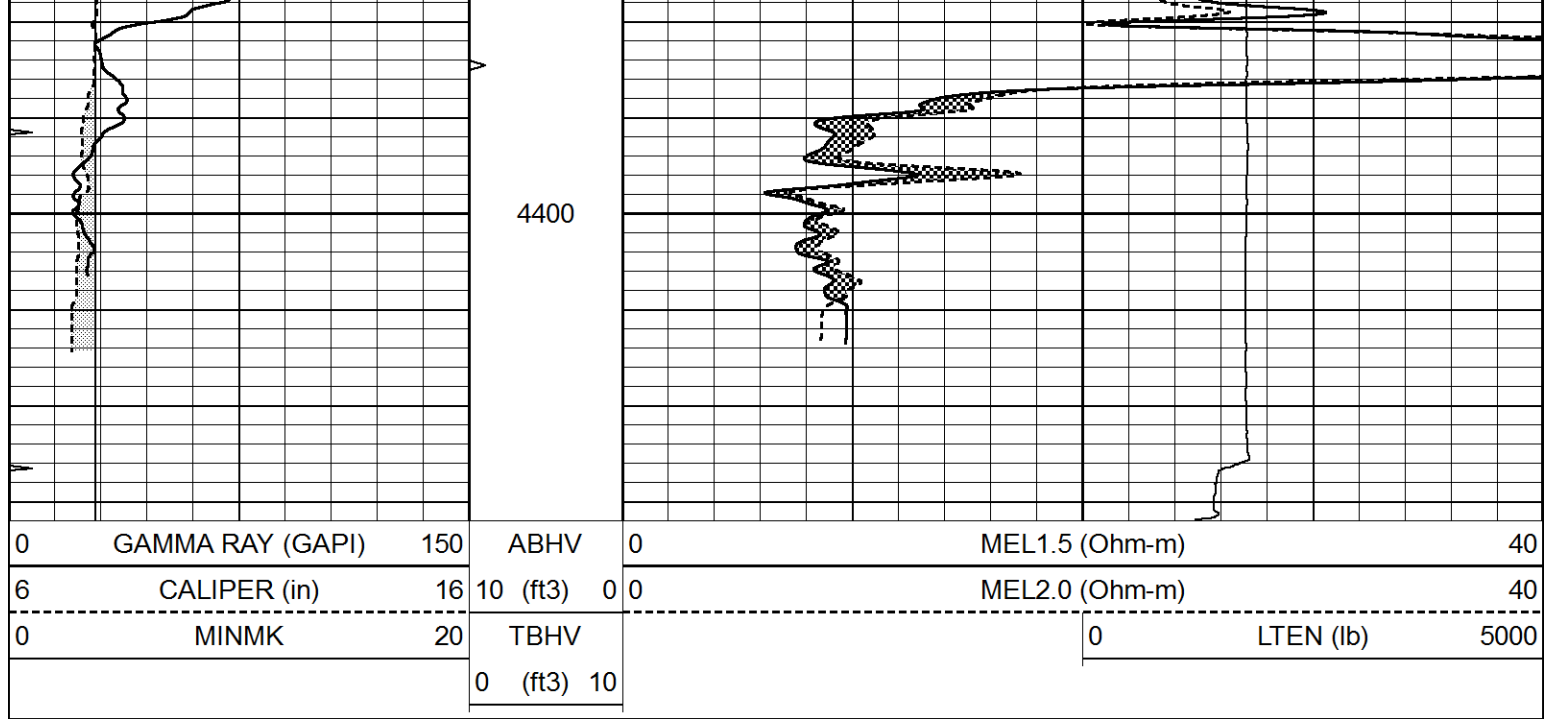
REPEAT SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 8403ddn.db                 |
| Dataset Pathname    | pass5.2                    |
| Presentation Format | _micro                     |
| Dataset Creation    | Wed Jan 03 17:01:50 2024   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |              |   |                |                |
|---|------------------|-----|--------------|---|----------------|----------------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV         | 0 | MEL1.5 (Ohm-m) | 40             |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 0 | 0 | MEL2.0 (Ohm-m) | 40             |
| 0 | MINMK            | 20  | TBHV         |   | 0              | LTEN (lb) 5000 |
|   |                  |     | 0 (ft3) 10   |   |                |                |







|                              |  |                          |              |
|------------------------------|--|--------------------------|--------------|
| Database File                |  | 8403ddn.db               |              |
| Dataset Pathname             |  | pass6.1                  |              |
| Dataset Creation             |  | Wed Jan 03 17:40:41 2024 |              |
| MICRO Calibration Report     |  |                          |              |
| Serial Number:               |  | 070910                   |              |
| Tool Model:                  |  | ProbeN                   |              |
| Performed:                   |  | Wed Dec 20 07:29:24 2023 |              |
| Caliper Calibration:         |  | Gain=3.509               | Offset=1.965 |
| References                   |  | Low Cal                  | High Cal     |
| Readings                     |  | 8.000                    | 16.000       |
|                              |  | 1.720                    | 4.000        |
| 1.5" Calibration:            |  | Gain=58.000              | Offset=0.000 |
| References                   |  | Low Cal                  | High Cal     |
| Readings                     |  | 0.000                    | 20.000       |
|                              |  | 0.000                    | 1.216        |
| 2" Calibration:              |  | Gain=64.000              | Offset=0.000 |
| References                   |  | Low Cal                  | High Cal     |
| Readings                     |  | 0.000                    | 20.000       |
|                              |  | 0.002                    | 1.053        |
| Gamma Ray Calibration Report |  |                          |              |
| Serial Number:               |  | 070559                   |              |
| Tool Model:                  |  | OPEN_GR                  |              |
| Performed:                   |  | Wed Jan 03 16:59:52 2024 |              |
| Calibrator Value:            |  | 1.0                      | GAPI         |
| Background Reading:          |  | 0.0                      | cps          |
| Calibrator Reading:          |  | 1.0                      | cps          |
| Sensitivity:                 |  | 0.3000                   | GAPI/cps     |