

COMPENSATED  
DENSITY/NEUTRON  
PE LOG

|                              |              |                             |  |
|------------------------------|--------------|-----------------------------|--|
| Company                      |              | TREK AEC, LLC.              |  |
| Well                         |              | DUDREY #8-36                |  |
| Field                        |              | UNNAMED                     |  |
| County                       |              | PRATT                       |  |
| State                        |              | KANSAS                      |  |
| Location:                    |              | API #: 15-151-22549-0000    |  |
| Permanent Datum              |              | GROUND LEVEL Elevation 1859 |  |
| Log Measured From            |              | KELLY BUSHING 8' A.G.L      |  |
| Drilling Measured From       |              | KELLY BUSHING               |  |
| SEC 36 TWP 29S RGE 12W       |              | Elevation                   |  |
|                              |              | K.B. 1867                   |  |
|                              |              | D.F. 1865                   |  |
|                              |              | G.L. 1859                   |  |
| Date                         | 7/18/22      |                             |  |
| Run Number                   | ONE          |                             |  |
| Depth Driller                | 4825         |                             |  |
| Depth Logger                 | 4828         |                             |  |
| Bottom Logged Interval       | 4804         |                             |  |
| Top Log Interval             | 2600         |                             |  |
| Casing Driller               | 8 5/8" @ 435 |                             |  |
| Casing Logger                | 435          |                             |  |
| Bit Size                     | 7 7/8        |                             |  |
| Type Fluid in Hole           | CHEMICAL MUD | CHLORIDES 2.000 PPM         |  |
| Density / Viscosity          | 8.7/42       |                             |  |
| pH / Fluid Loss              | 9.5/8.8      |                             |  |
| Source of Sample             | FLOWLINE     |                             |  |
| Rm @ Meas. Temp              | 1.30 @ 90F   |                             |  |
| Rmf @ Meas. Temp             | .975 @ 90F   |                             |  |
| Rmc @ Meas. Temp             | 1.56 @ 90F   |                             |  |
| Source of Rmf / Rmc          | MEASUREMENT  |                             |  |
| Rm @ BHT                     | .951 @ 123F  |                             |  |
| Time Circulation Stopped     | 3 HOURS      |                             |  |
| Time Logger on Bottom        | 6:30 P.M.    |                             |  |
| Maximum Recorded Temperature | 123F         |                             |  |
| Equipment Number             | 3802         |                             |  |
| Location                     | HAYS, KANSAS |                             |  |
| Recorded By                  | COLE ROBEN   |                             |  |
| Witnessed By                 | DAVID BARKER |                             |  |

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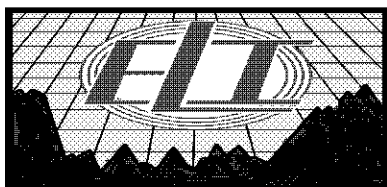
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395

DIRECTIONS:

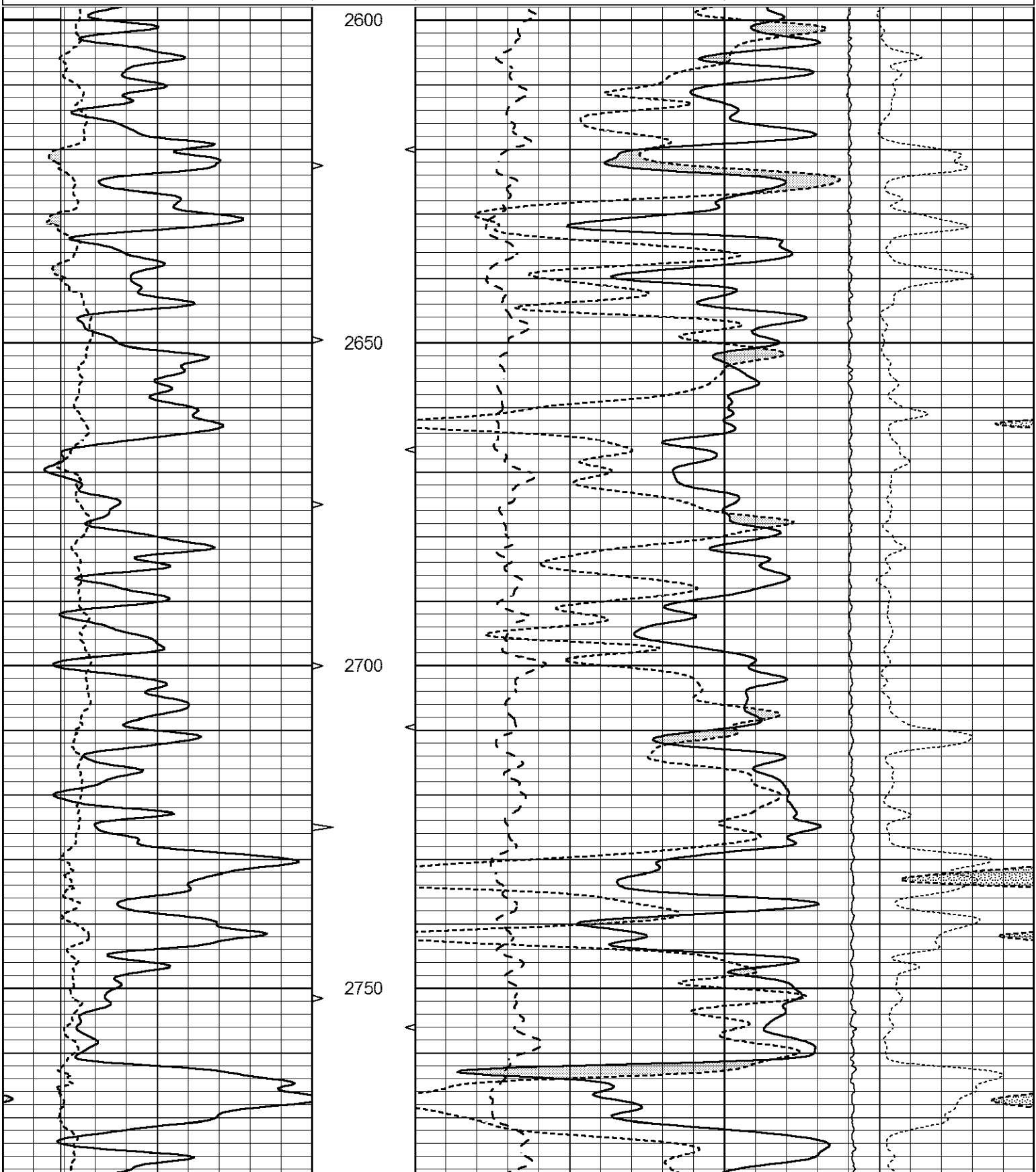
SOUTH OF SAWYER, KANSAS 7 MILES ON HIGHWAY 42, FOLLOW CURVE SOUTH 1 MILE THEN WEST ONE MILE, SOUTH INTO

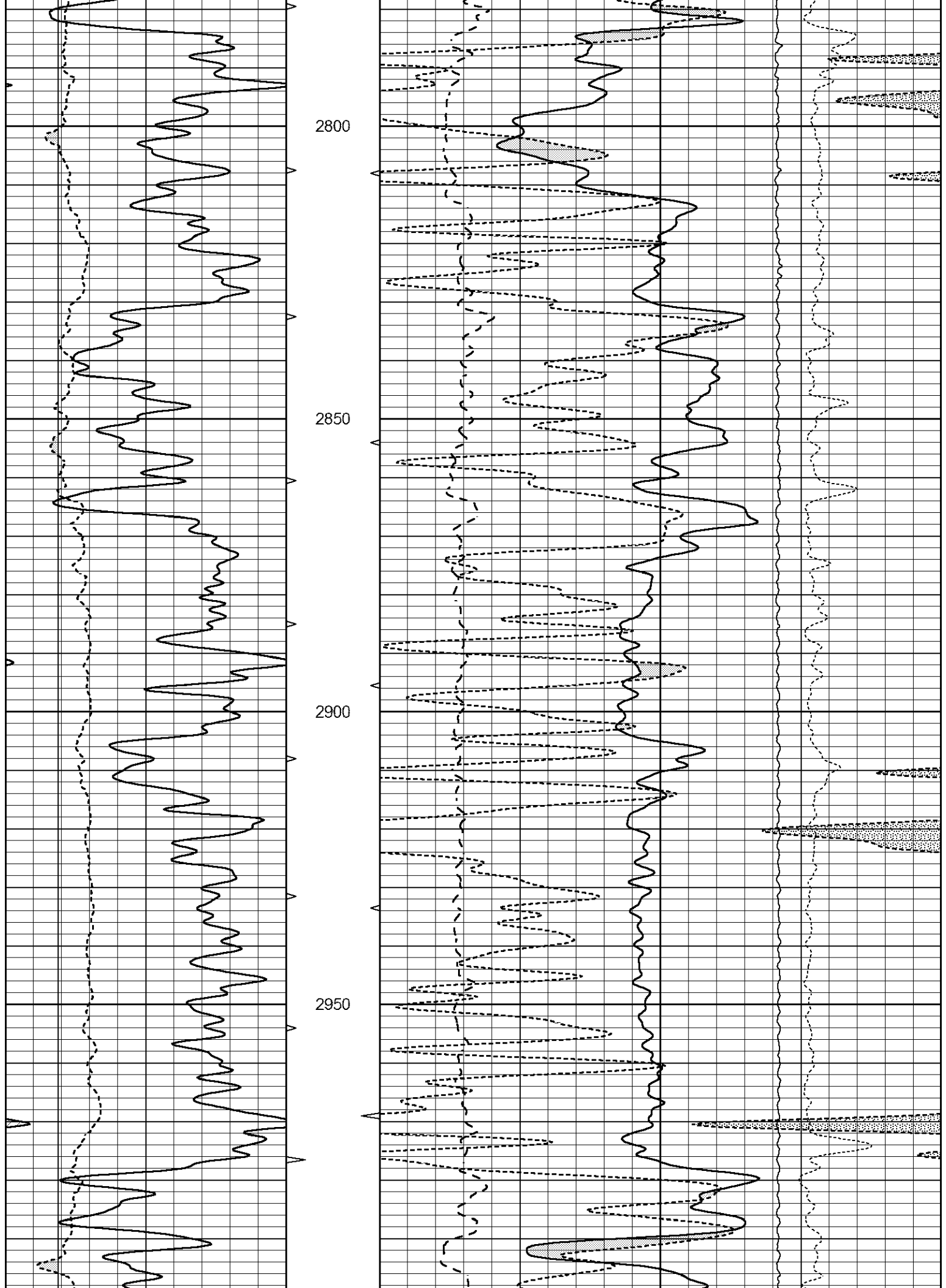


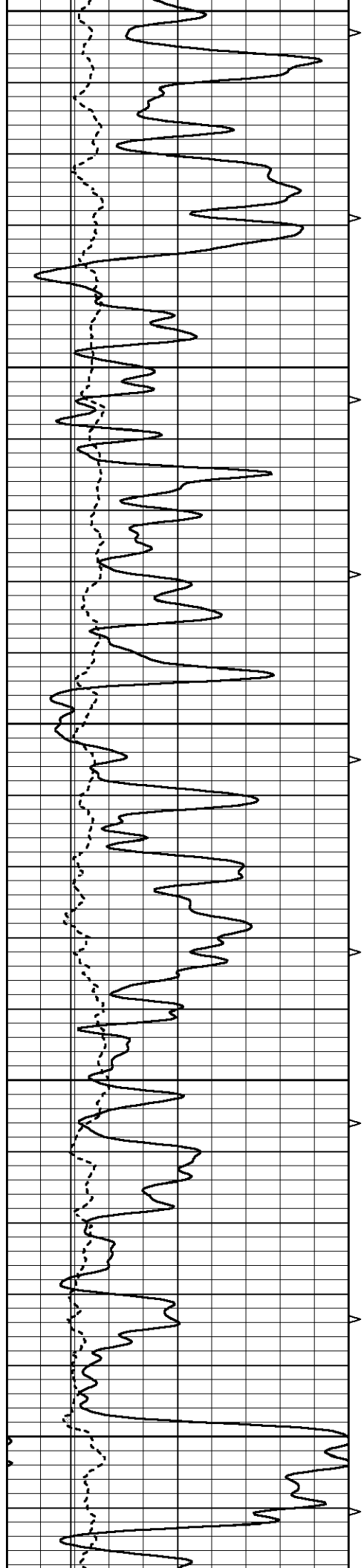
MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 6759pe.db                  |
| Dataset Pathname    | pass6MPASS                 |
| Presentation Format | _ldt_neu                   |
| Dataset Creation    | Mon Jul 18 21:02:07 2022   |
| Charted by          | Depth in Feet scaled 1:240 |

|   |                  |     |          |    |                          |                   |
|---|------------------|-----|----------|----|--------------------------|-------------------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV     | 30 | COMPENSATED DENSITY (pu) | -10               |
| 6 | CALIPER (in)     | 16  | 10 (ft3) | 0  | COMPENSATED NEUTRON (pu) | -10               |
|   |                  |     | TBHV     | 0  | PE                       | 10                |
|   |                  |     | 0 (ft3)  | 10 | -0.25                    | CORRECTION (g/cc) |
|   |                  |     |          |    | 0                        | LTEN (lb)         |
|   |                  |     |          |    | 5000                     |                   |







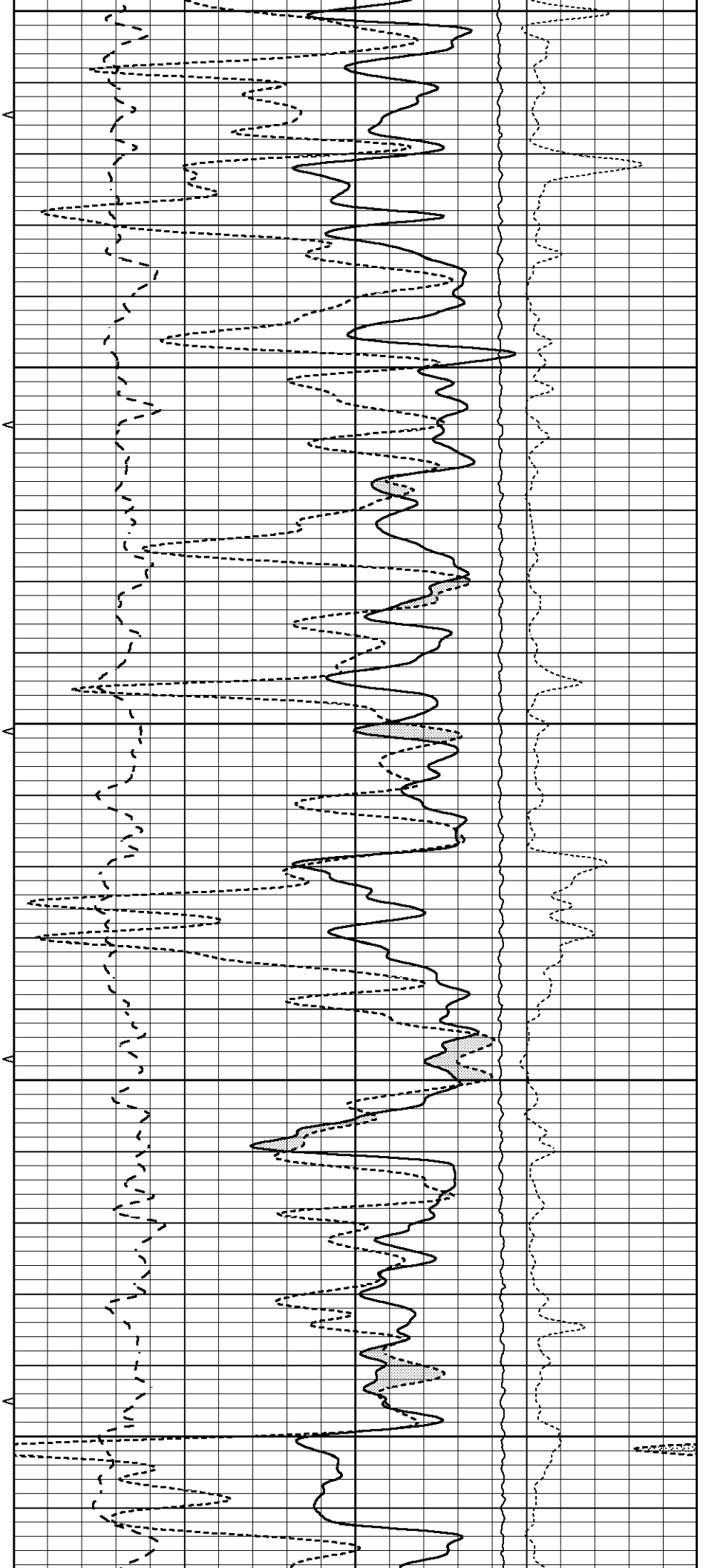
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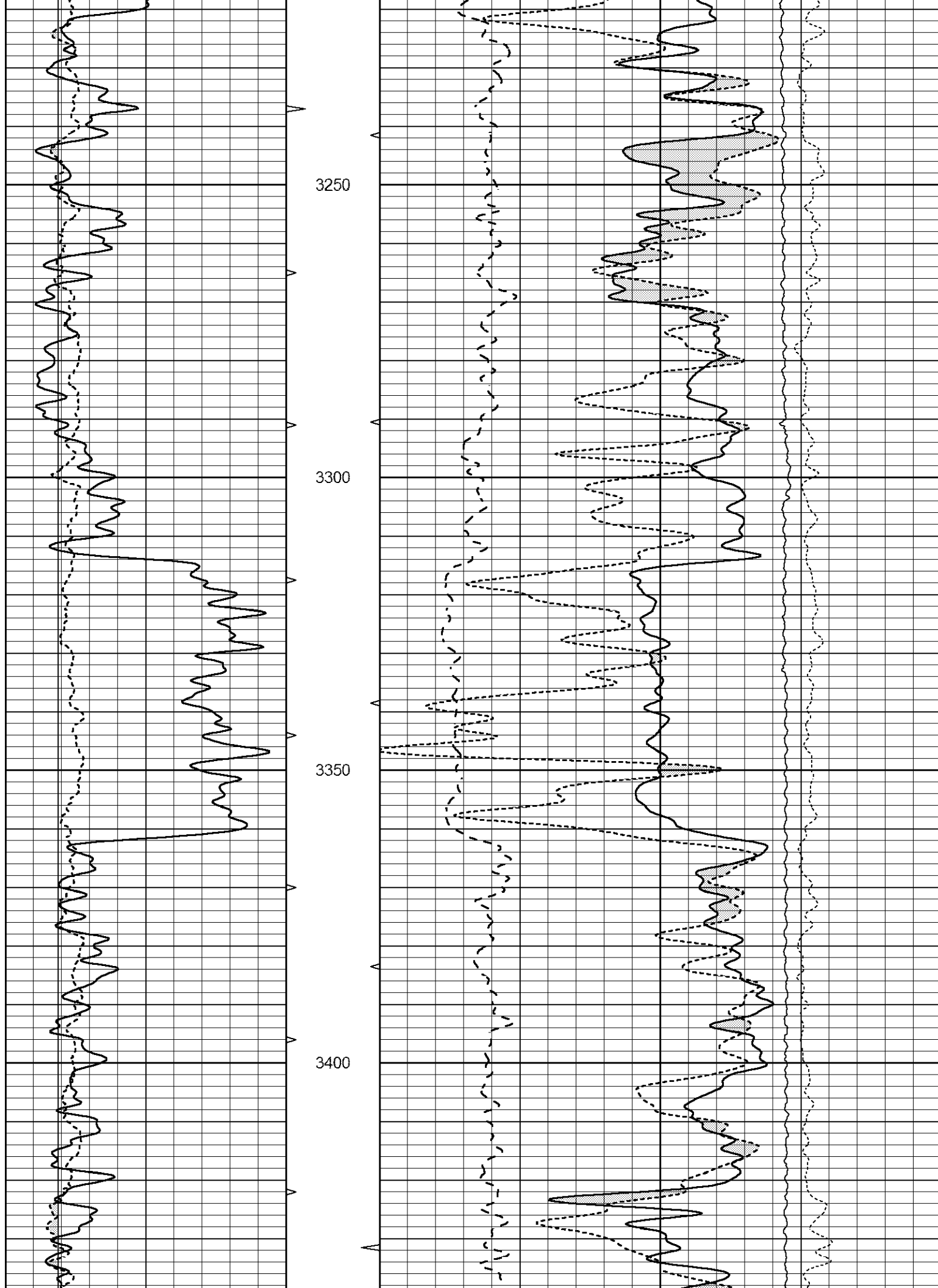
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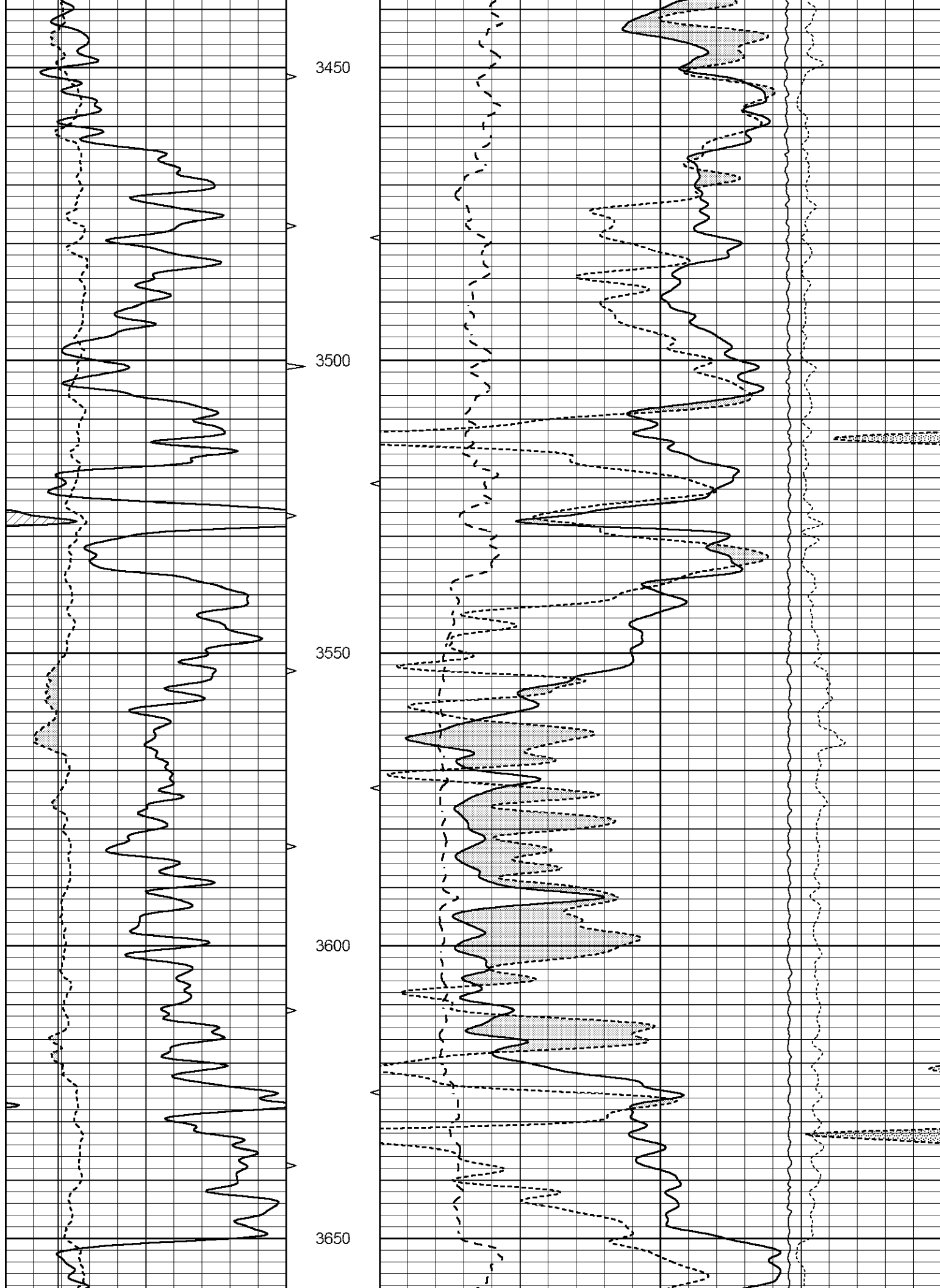
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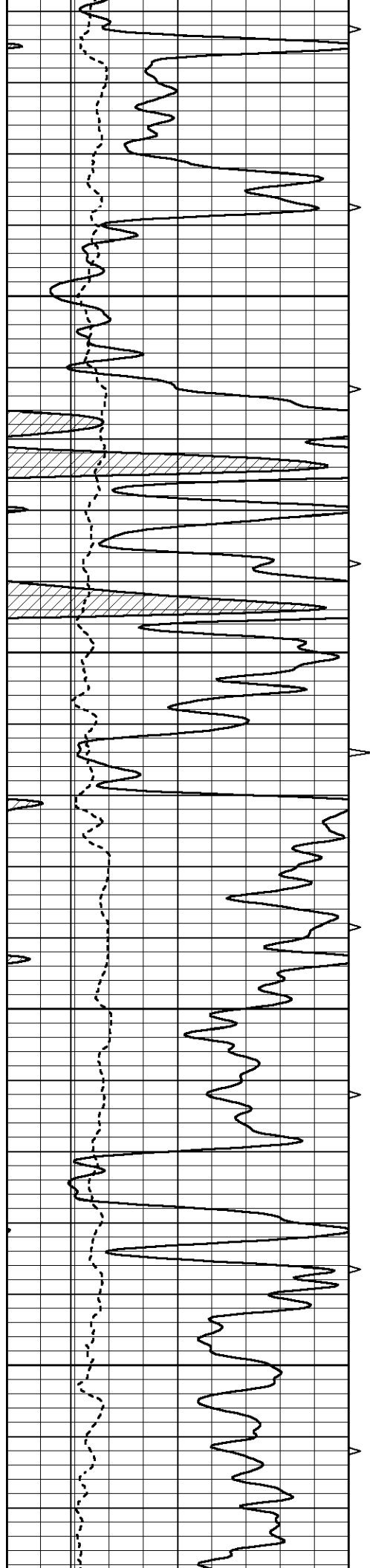
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3200







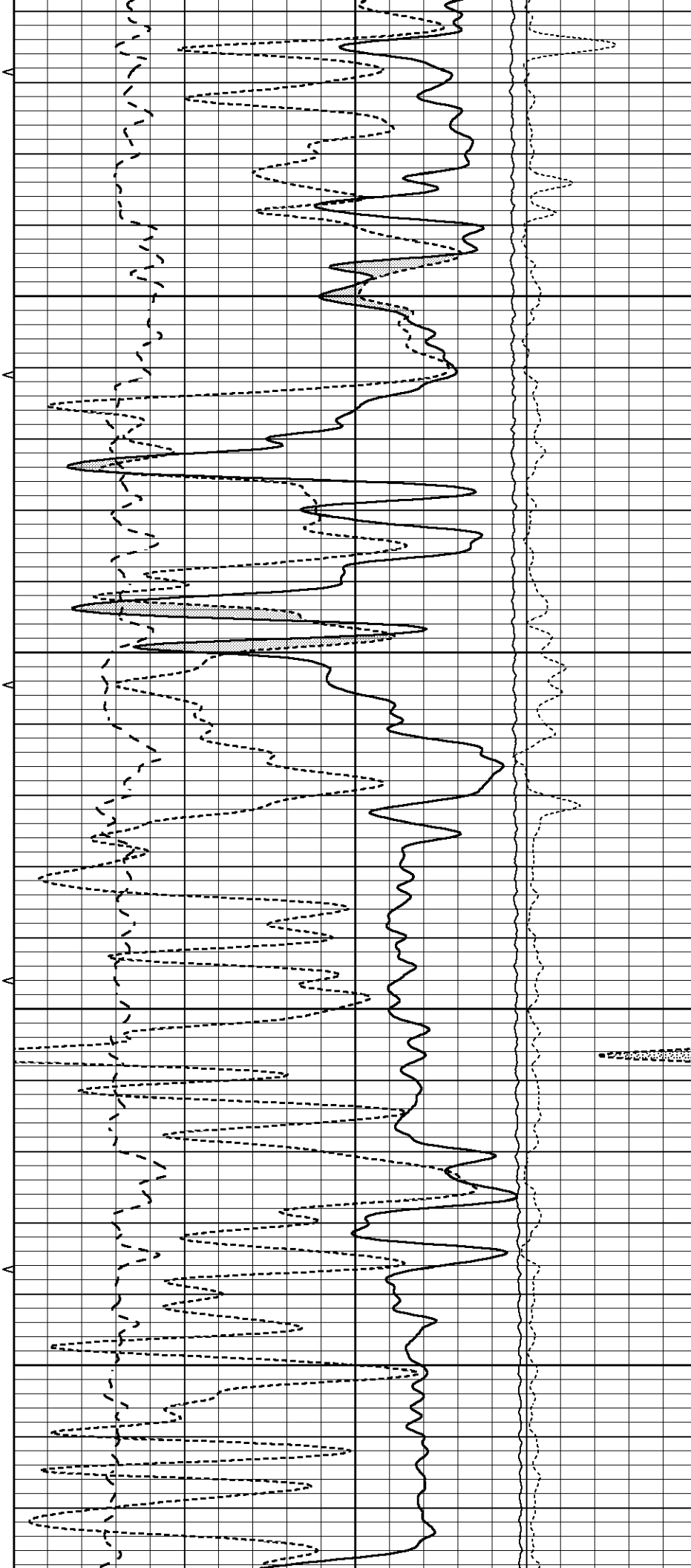


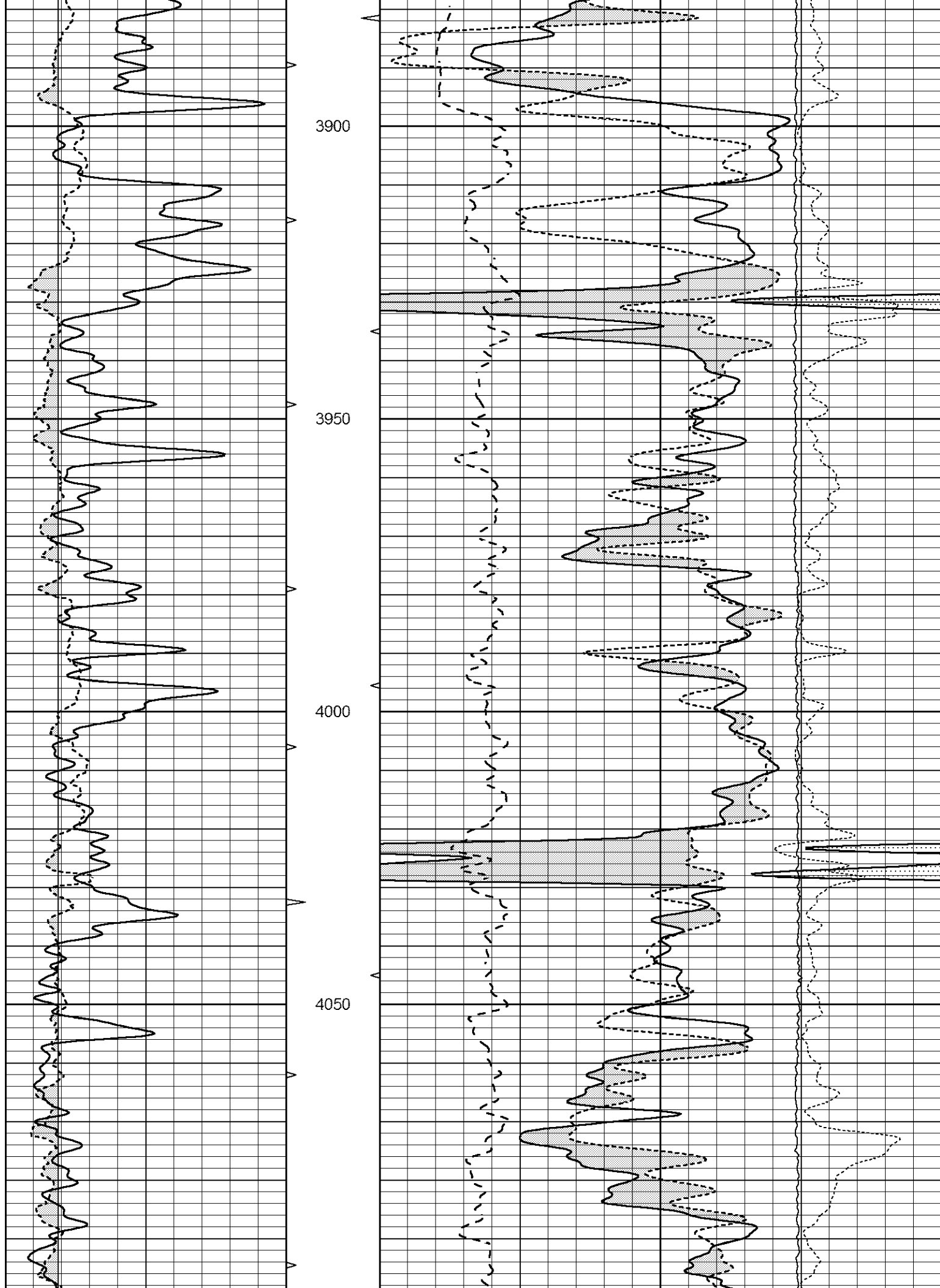
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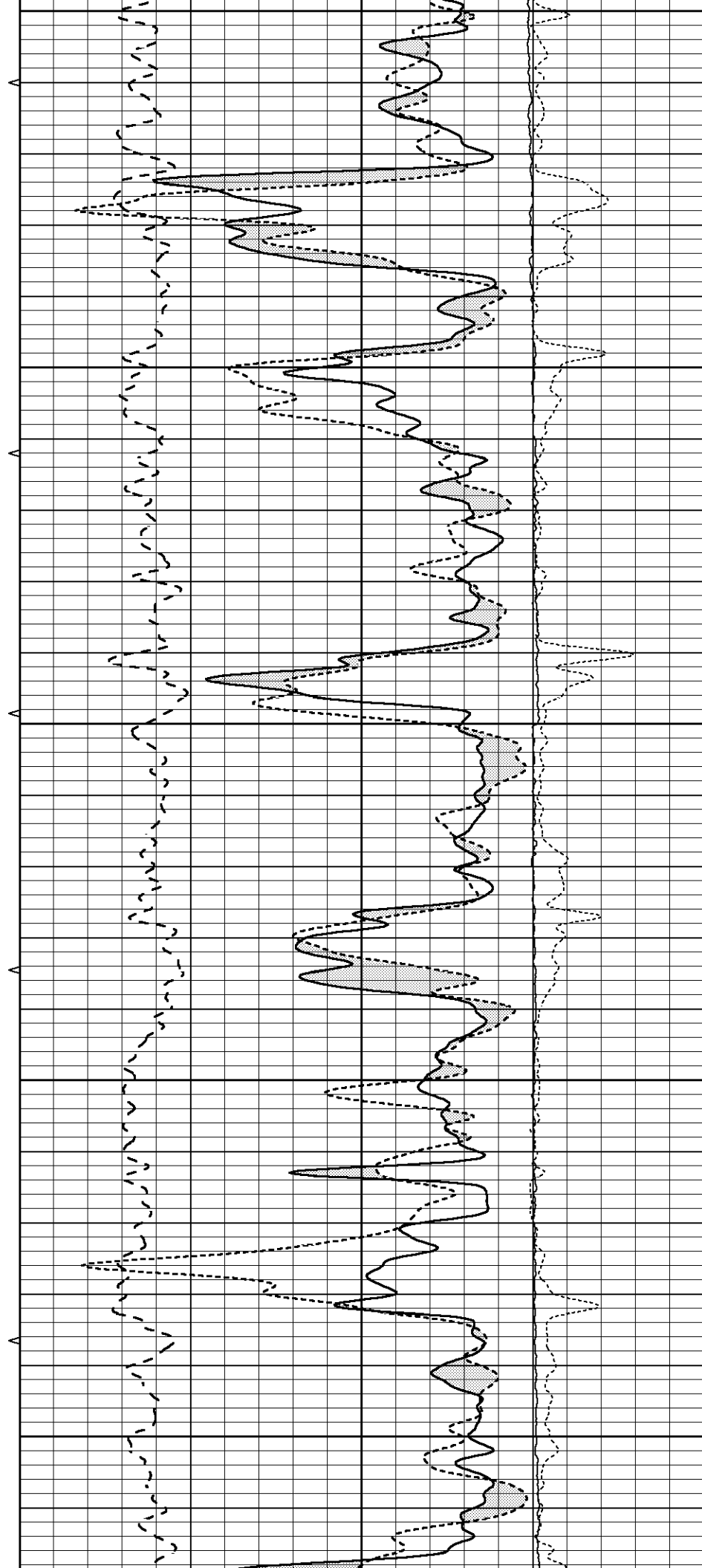
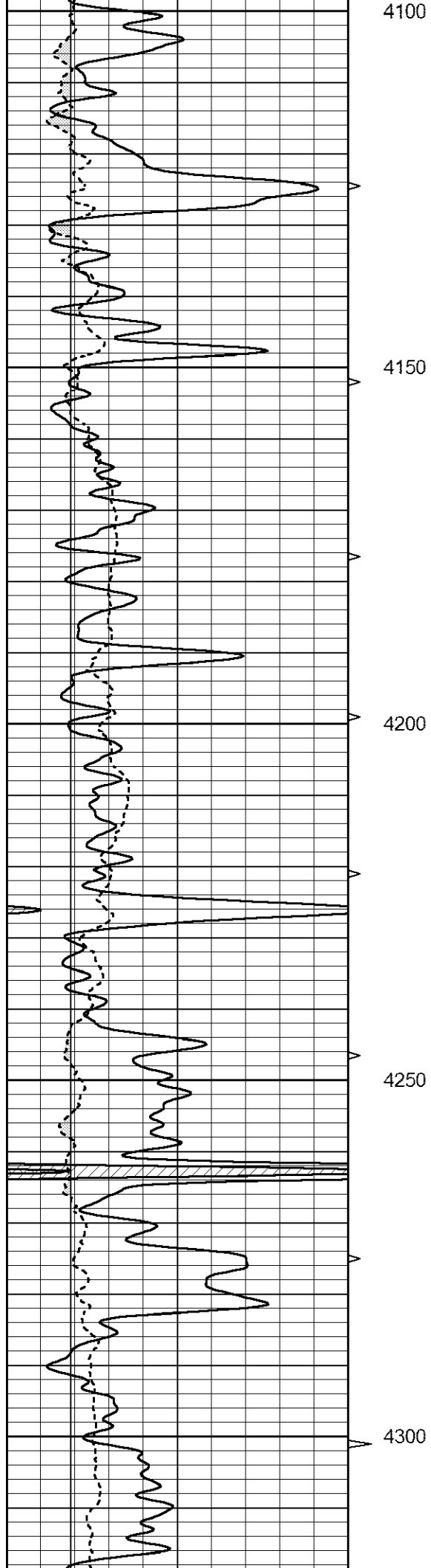
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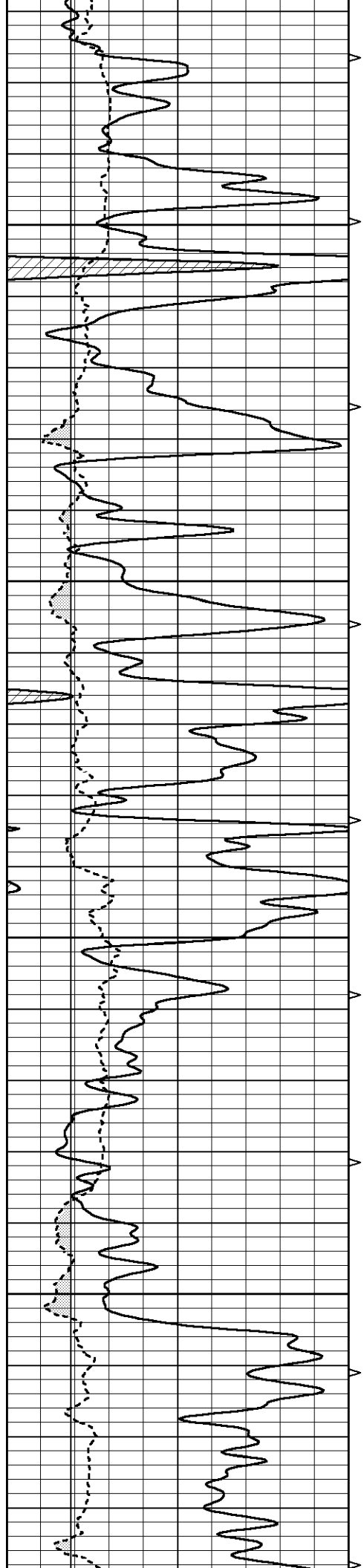
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3850







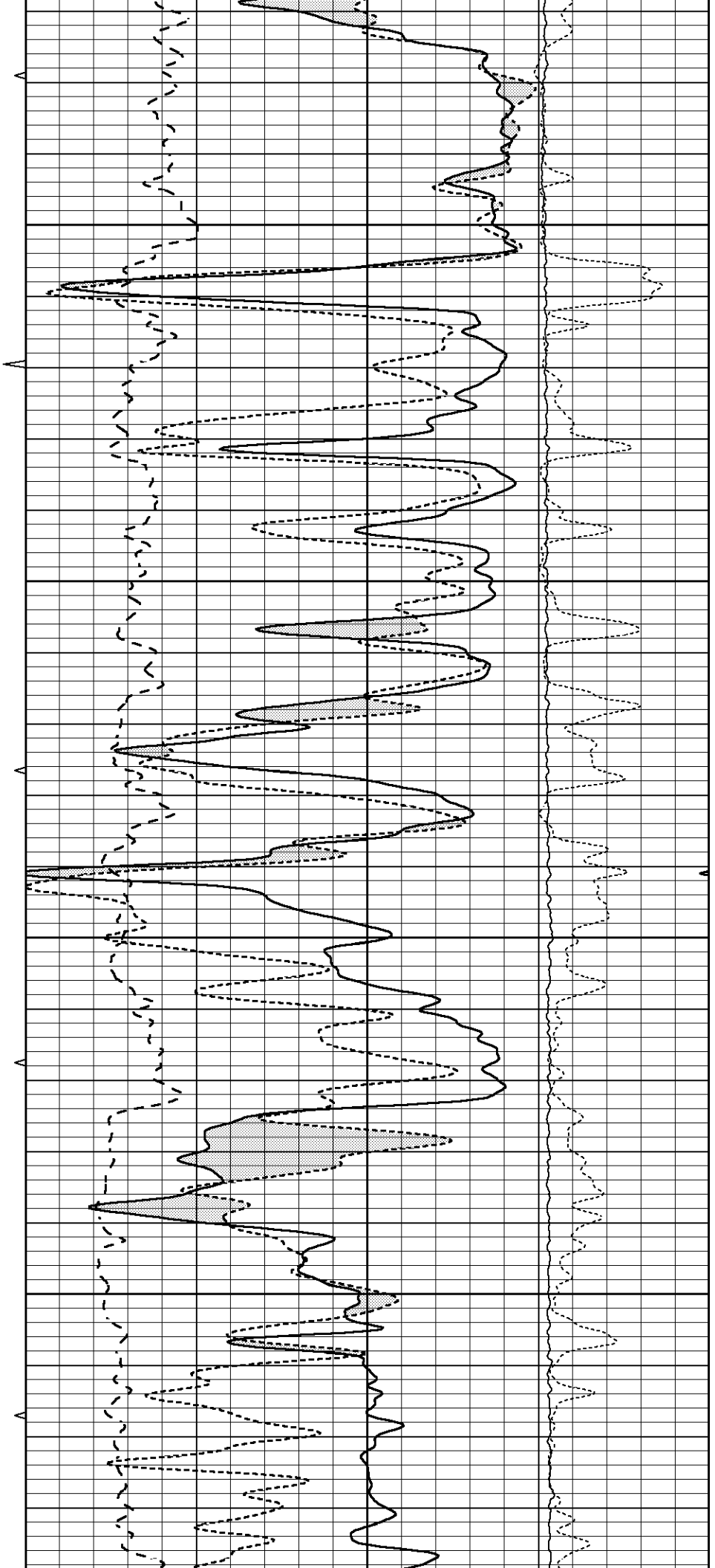


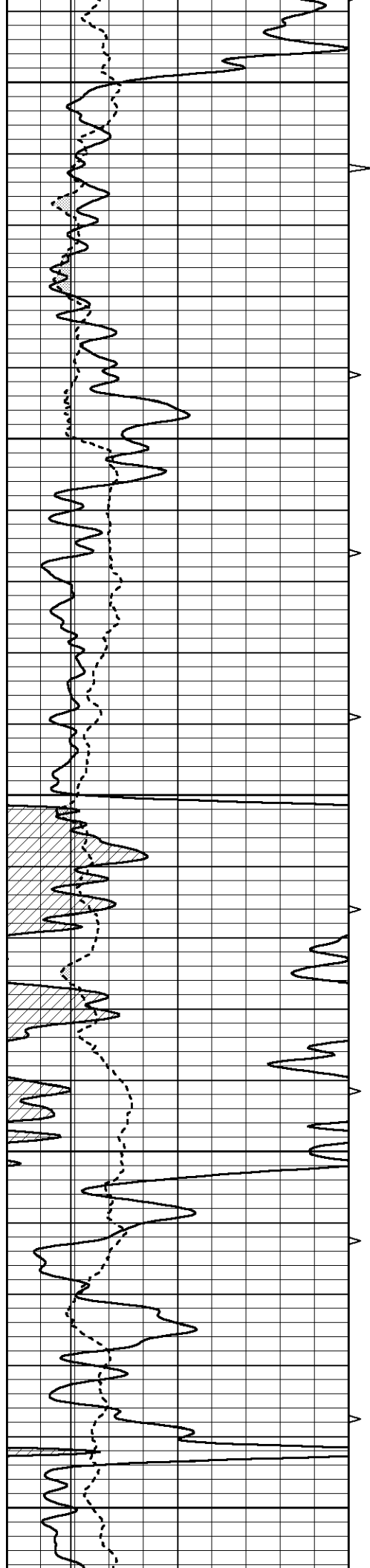
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4400

4450

4500





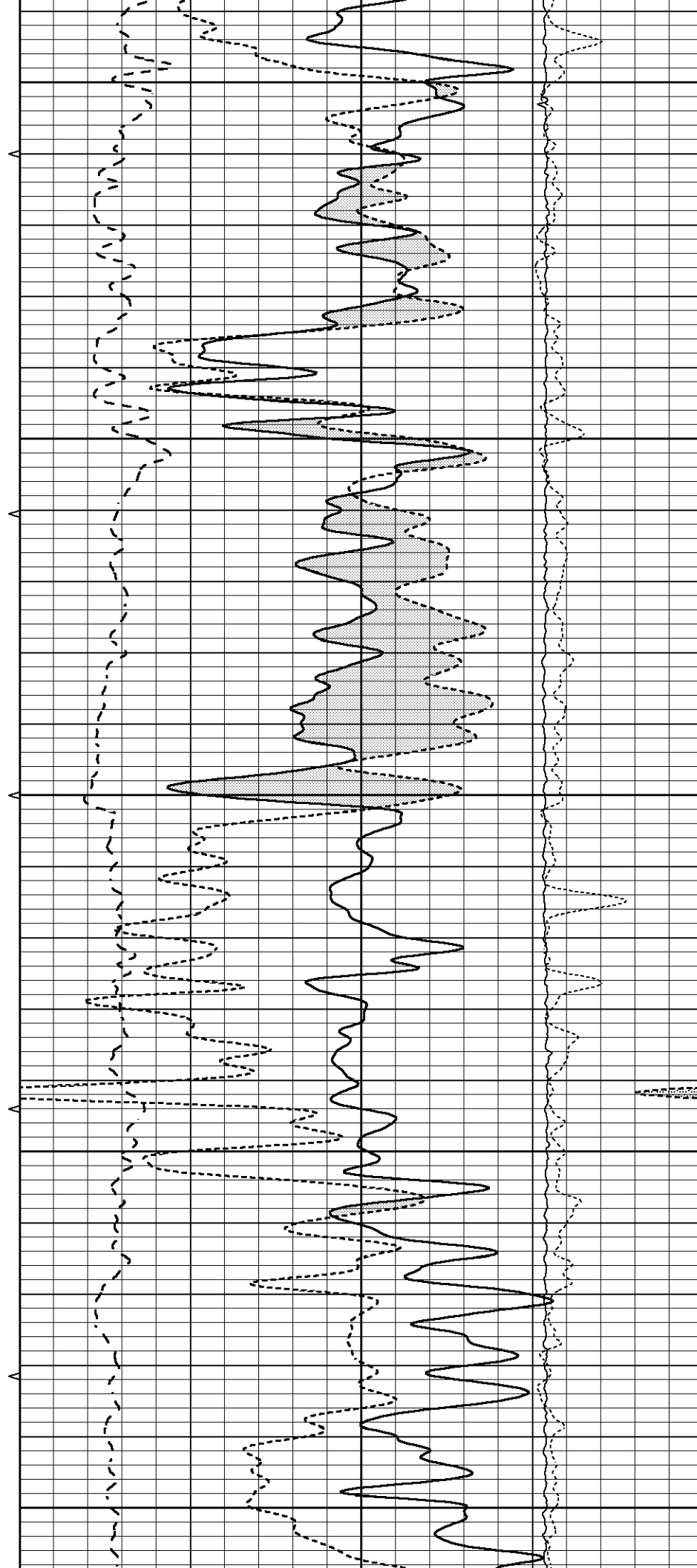
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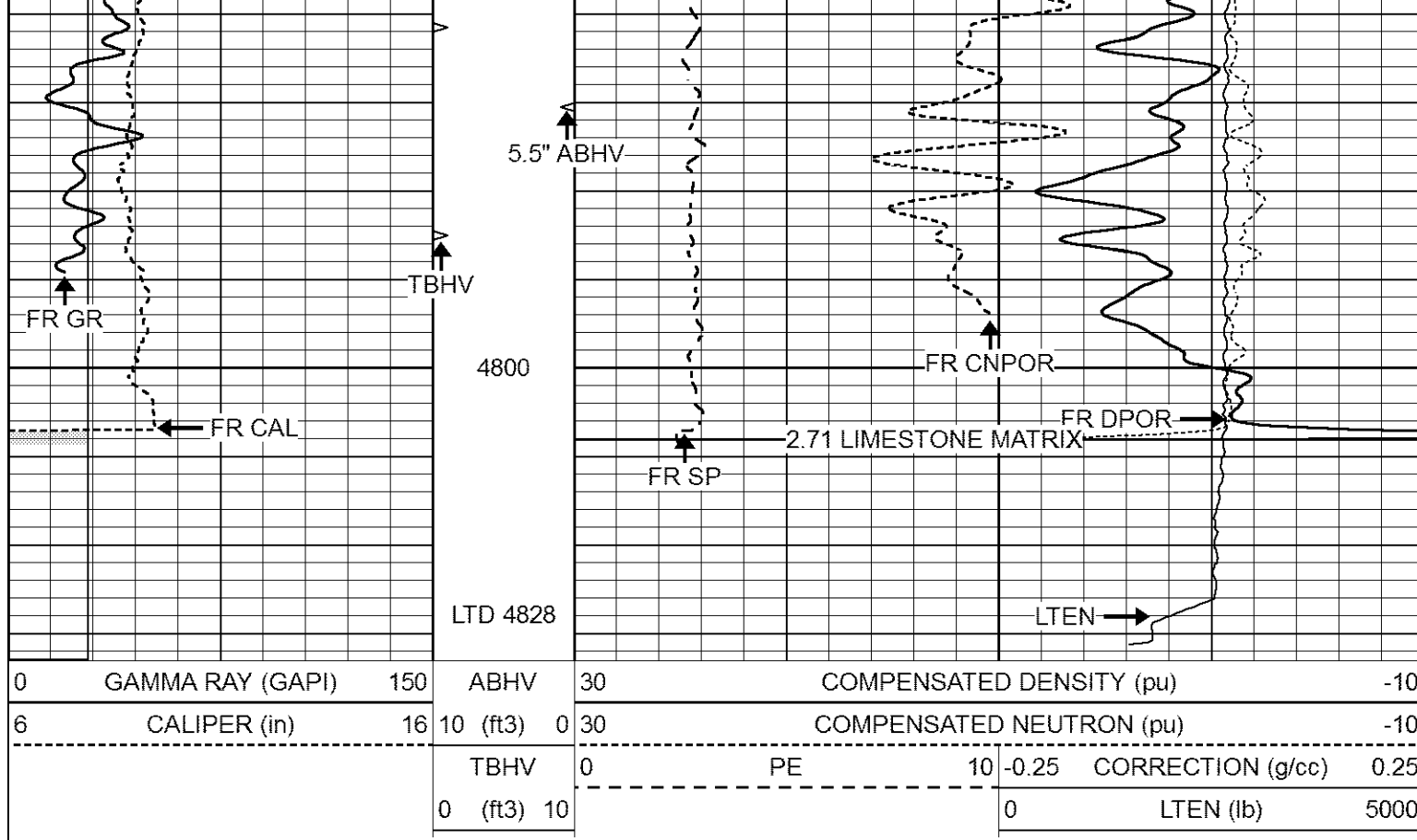
4600

4650

4700

4750

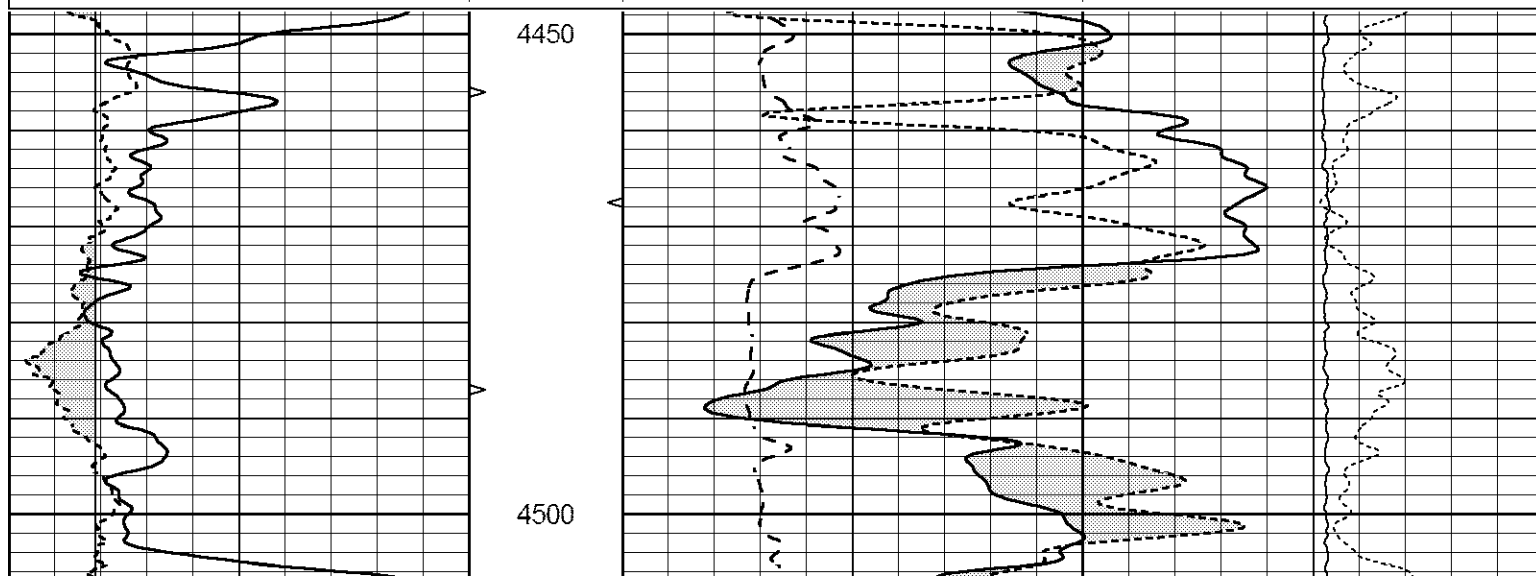


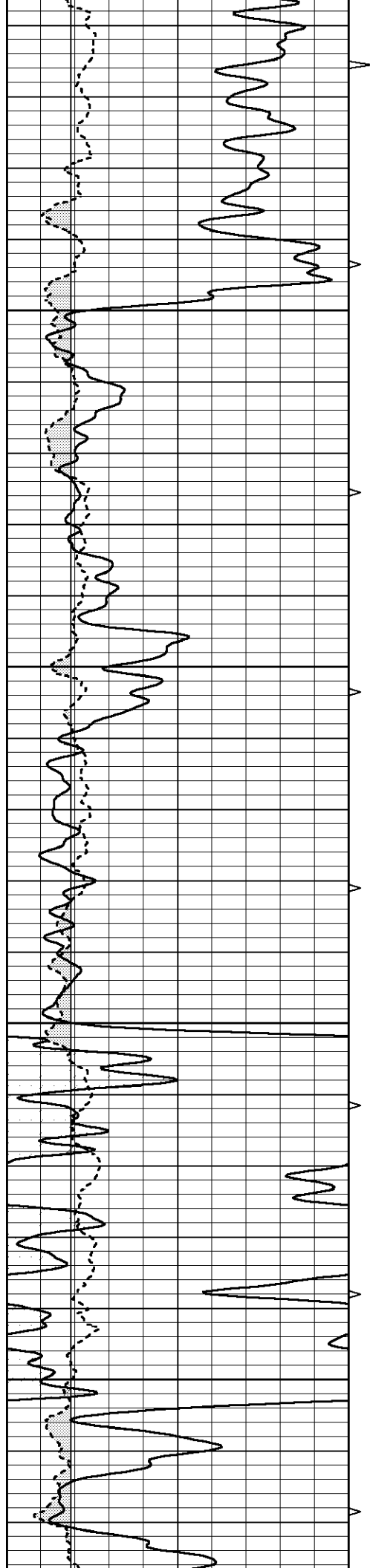


# REPEAT SECTION

Database File 6759pe.db  
 Dataset Pathname pass5.6  
 Presentation Format \_ldt\_neu  
 Dataset Creation Mon Jul 18 19:17:55 2022  
 Charted by Depth in Feet scaled 1:240

|   |                  |     |            |    |                          |                                 |
|---|------------------|-----|------------|----|--------------------------|---------------------------------|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV       | 30 | COMPENSATED DENSITY (pu) | -10                             |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 | 30 | COMPENSATED NEUTRON (pu) | -10                             |
|   |                  |     | TBHV       | 0  | PE                       | 10 -0.25 CORRECTION (g/cc) 0.25 |
|   |                  |     | 0 (ft3) 10 |    | 0                        | LTEN (lb) 5000                  |



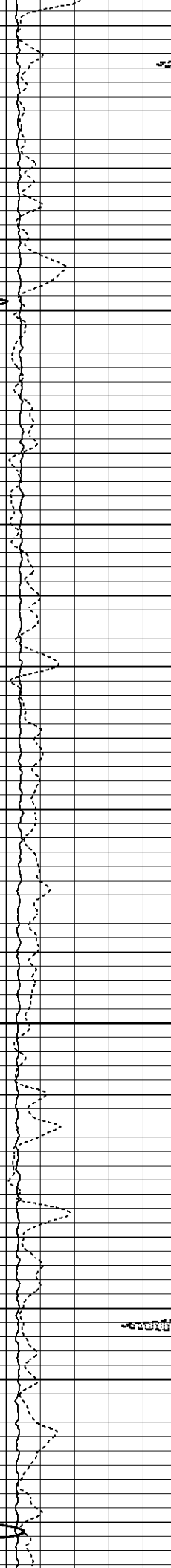
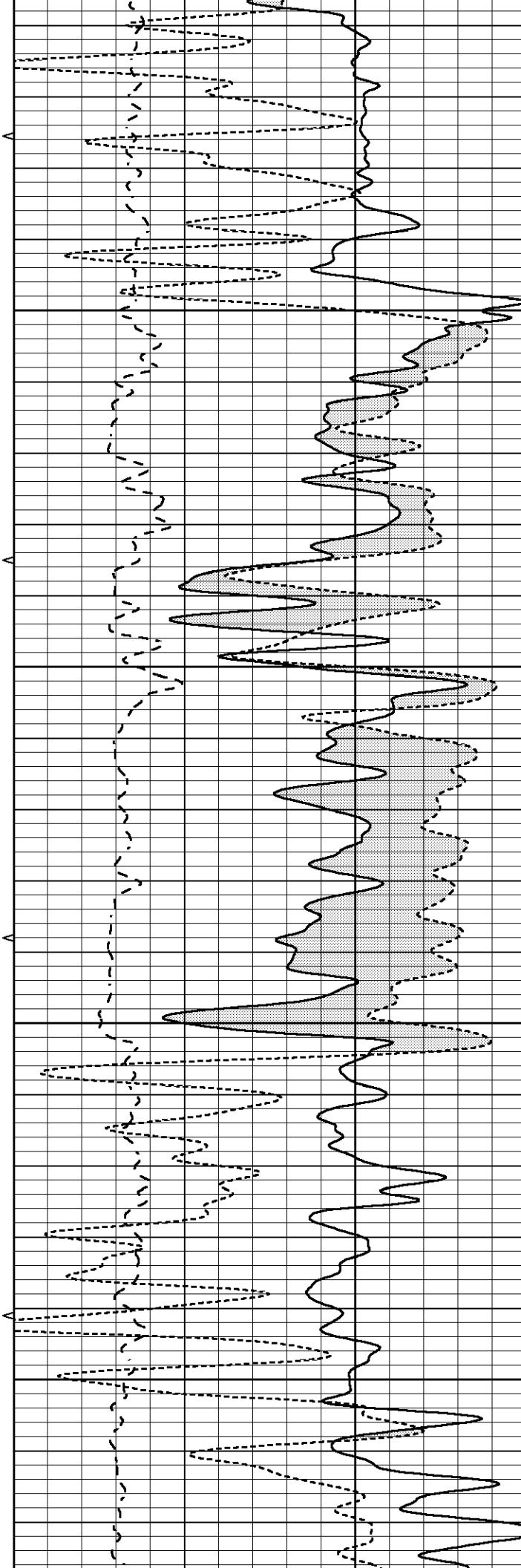


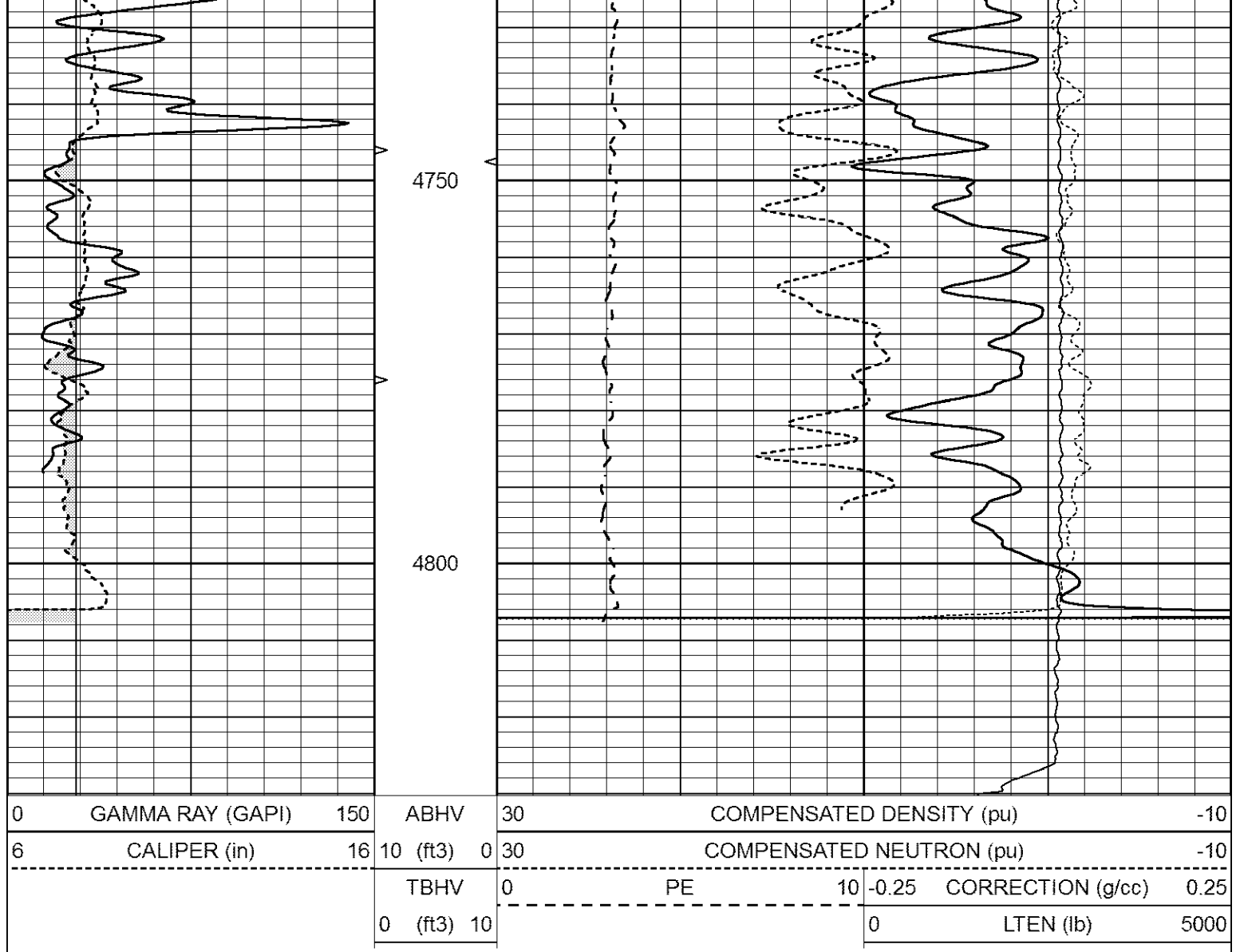
4550

4600

4650

4700





### Calibration Report

Database File 6759pe.db  
Dataset Pathname pass6MPASS  
Dataset Creation Mon Jul 18 21:02:07 2022

### Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe  
Surface Cal Performed: Tue May 17 12:24:41 2022  
Downhole Cal Performed: Tue Jul 25 12:15:37 2017  
After Survey Verification Performed: Tue Jul 25 12:15:38 2017

#### Surface Calibration

| Loop:     | Readings |       |   | References |         |        | Results |         |
|-----------|----------|-------|---|------------|---------|--------|---------|---------|
|           | Air      | Loop  |   | Air        | Loop    |        | m       | b       |
| Deep      | 0.008    | 0.765 | V | 1.000      | 400.000 | mmho/m | 420.000 | -2.000  |
| Medium    | -0.056   | 0.761 | V | 1.000      | 464.000 | mmho/m | 420.000 | 130.000 |
| Internal: | Zero     | Cal   |   | Zero       | Cal     |        | m       | b       |
|           |          |       |   |            |         |        |         |         |
| Deep      | 0.005    | 0.624 | V | 0.000      | 400.000 | mmho/m | 645.611 | -3.034  |
| Medium    | 0.012    | 0.721 | V | 0.000      | 464.000 | mmho/m | 653.591 | -7.532  |

#### Downhole Calibration

Readings References Results

|        | Zero   | Cal     |        | Zero   | Cal      |        | m'    | b'     |
|--------|--------|---------|--------|--------|----------|--------|-------|--------|
| Deep   | -0.647 | 301.329 | mmho/m | -0.780 | 336.378  | mmho/m | 1.117 | -0.058 |
| Medium | 38.256 | 411.013 | mmho/m | 39.046 | 441.706  | mmho/m | 1.080 | -2.280 |
| LL3    |        | 7.471   | V      |        | 2500.000 | Ohm-m  |       |        |
|        |        | 0.001   | V      |        | 20.000   | Ohm-m  |       |        |
|        |        | -7.085  | V      |        | 4000.000 | mmho-m |       |        |

| After Survey Verification |          |       |        |         |          |        |         |       |
|---------------------------|----------|-------|--------|---------|----------|--------|---------|-------|
|                           | Readings |       |        | Targets |          |        | Results |       |
|                           | Zero     | Cal   |        | Zero    | Cal      |        | m'      | b'    |
| Deep                      | 0.000    | 0.000 | mmho/m | -0.647  | 301.329  | mmho/m | 1.000   | 0.000 |
| Medium                    | 0.000    | 0.000 | mmho/m | 38.256  | 411.013  | mmho/m | 1.000   | 0.000 |
| LL3                       |          | 0.000 | Ohm-m  |         | 1500.000 | Ohm-m  |         |       |
|                           |          | 0.000 | Ohm-m  |         | 20.000   | Ohm-m  |         |       |
|                           |          | 0.000 | mmho-m |         | 3745.000 | mmho-m |         |       |

|                                  |  |  |  |                   |  |  |  |  |
|----------------------------------|--|--|--|-------------------|--|--|--|--|
| Litho Density Calibration Report |  |  |  |                   |  |  |  |  |
| Serial: 005                      |  |  |  | Model: Litho_Ver3 |  |  |  |  |

| Master Calibration |            |  |             | Performed Fri May 13 13:54:36 2022 |  |                     |  |  |
|--------------------|------------|--|-------------|------------------------------------|--|---------------------|--|--|
|                    | Background |  | Magnesium   | Aluminum                           |  | Aluminum+Fe         |  |  |
| Window 1           | 1363.1     |  | 46477.8     | 11515.9                            |  | 9589.9              |  |  |
| Window 2           | 1239.4     |  | 36488.4     | 9270.1                             |  | 7998.9              |  |  |
| Window 3           | 1044.3     |  | 20488.1     | 5500.7                             |  | 4913.3              |  |  |
| Window 4           | 315.7      |  | 358.7       | 321.5                              |  | 319.5               |  |  |
| Long Space         | 0.0        |  | 35249.0     | 8030.7                             |  | 6759.4              |  |  |
| Short Space        | 1.4        |  | 9675.7      | 6523.4                             |  | 5391.9              |  |  |
| Rho                |            |  | 1.7100      | 2.5900                             |  | 0.0000              |  |  |
| Pe                 |            |  | 2.0000      | 2.7500                             |  | 5.7900              |  |  |
| Rib Angle          | : 45.1     |  | Rib Slope   | : 1.003                            |  | Density/Spine Ratio |  |  |
| Spine Angle        | : 75.1     |  | Spine Slope | : 3.752                            |  | Spine Intercept     |  |  |
|                    |            |  |             |                                    |  | : 0.575             |  |  |
|                    |            |  |             |                                    |  | : -24.0             |  |  |

| Before Survey Verification |     |        |  | Performed Wed Dec 31 18:00:00 1969 |        |  |      |  |
|----------------------------|-----|--------|--|------------------------------------|--------|--|------|--|
|                            |     |        |  |                                    |        |  |      |  |
| Window 1                   | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 2                   | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 3                   | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 4                   | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Long Space                 | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Short Space                | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Measured Rho               |     | 0.0000 |  | 0.0000                             | 0.0000 |  | g/cc |  |
| Measured Correction        |     | 0.0000 |  | 0.0000                             | 0.0000 |  | g/cc |  |
| Measured Pe                |     |        |  | 0.0000                             | 0.0000 |  |      |  |

| After Survey Verification |     |        |  | Performed Wed Dec 31 18:00:00 1969 |        |  |      |  |
|---------------------------|-----|--------|--|------------------------------------|--------|--|------|--|
|                           |     |        |  |                                    |        |  |      |  |
| Window 1                  | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 2                  | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 3                  | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Window 4                  | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Long Space                | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Short Space               | 0.0 | 0.0    |  | 0.0                                | 0.0    |  | cps  |  |
| Measured Rho              |     | 0.0000 |  | 0.0000                             | 0.0000 |  | g/cc |  |
| Measured Correction       |     | 0.0000 |  | 0.0000                             | 0.0000 |  | g/cc |  |
| Measured Pe               |     |        |  | 0.0000                             | 0.0000 |  |      |  |

|                                        |                          |           |        |
|----------------------------------------|--------------------------|-----------|--------|
| Compensated Neutron Calibration Report |                          |           |        |
| Serial Number:                         |                          | 080621PMC |        |
| Tool Model:                            |                          | NABORS    |        |
| PRE-SURVEY VERIFICATION                |                          |           |        |
| Detector                               | Readings                 | Measured  | Target |
| Short Space                            | cps                      |           |        |
| Long Space                             | cps                      | pu        | pu     |
| POST-SURVEY VERIFICATION               |                          |           |        |
| Detector                               | Readings                 | Measured  | Target |
| Short Space                            | cps                      |           |        |
| Long Space                             | cps                      | pu        | pu     |
| Gamma Ray Calibration Report           |                          |           |        |
| Serial Number:                         | 7                        |           |        |
| Tool Model:                            | Probe1                   |           |        |
| Performed:                             | Thu May 26 08:56:46 2022 |           |        |
| Calibrator Value:                      | 1.0                      | GAPI      |        |
| Background Reading:                    | 0.0                      | cps       |        |
| Calibrator Reading:                    | 1.0                      | cps       |        |
| Sensitivity:                           | 0.5500                   | GAPI/cps  |        |