

# COMPENSATED DENSITY/NEUTRON PE LOG

|                              |                                                                  |                                                  |
|------------------------------|------------------------------------------------------------------|--------------------------------------------------|
| Company                      | SATCHELL CREEK PETROLEUM, LLC.                                   |                                                  |
| Well                         | MASTERS #A1-23                                                   |                                                  |
| Field                        | UNNAMED                                                          |                                                  |
| County                       | BUTLER                                                           | State KANSAS                                     |
| Location:                    | API # : 15-015-24181-0000<br>330' FNL & 330' FEL<br>NE - NE - NE |                                                  |
| Permanent Datum              | SEC 23 TWP 25S RGE 7E                                            | Other Services<br>DIL/MEL<br>SONIC               |
| Log Measured From            | GROUND LEVEL Elevation 1496<br>KELLY BUSHING 6' A.G.L.           |                                                  |
| Drilling Measured From       | KELLY BUSHING                                                    | Elevation<br>K.B. 1502<br>D.F. 1500<br>G.L. 1496 |
| Date                         | 12/11/22                                                         |                                                  |
| Run Number                   | ONE                                                              |                                                  |
| Depth Driller                | 3208                                                             |                                                  |
| Depth Logger                 | 3208                                                             |                                                  |
| Bottom Logged Interval       | 3184                                                             |                                                  |
| Top Log Interval             | 250                                                              |                                                  |
| Casing Driller               | 8 5/8" @ 293                                                     |                                                  |
| Casing Logger                | 293                                                              |                                                  |
| Bit Size                     | 7 7/8                                                            |                                                  |
| Type Fluid in Hole           | CHEMICAL MUD                                                     | CHLORIDES 7.000 PPM                              |
| Density / Viscosity          | 9.1/44                                                           |                                                  |
| pH / Fluid Loss              | 11.0/6.0                                                         |                                                  |
| Source of Sample             | FLOWLINE                                                         |                                                  |
| Rm @ Meas. Temp              | 1.30 @ 80F                                                       |                                                  |
| Rmf @ Meas. Temp             | .975 @ 80F                                                       |                                                  |
| Rmc @ Meas. Temp             | 1.56 @ 80F                                                       |                                                  |
| Source of Rmf / Rmc          | MEASUREMENT                                                      |                                                  |
| Rm @ BHT                     | .954 @ 109F                                                      |                                                  |
| Time Circulation Stopped     | 2 HOURS                                                          |                                                  |
| Time Logger on Bottom        | 4.30 A.M.                                                        |                                                  |
| Maximum Recorded Temperature | 109F                                                             |                                                  |
| Equipment Number             | 3802                                                             |                                                  |
| Location                     | HAYS, KANSAS                                                     |                                                  |
| Recorded By                  | COLE ROBEN                                                       |                                                  |
| Witnessed By                 | CHRIS LEIKER                                                     |                                                  |

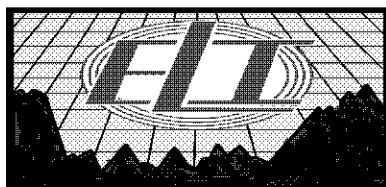
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

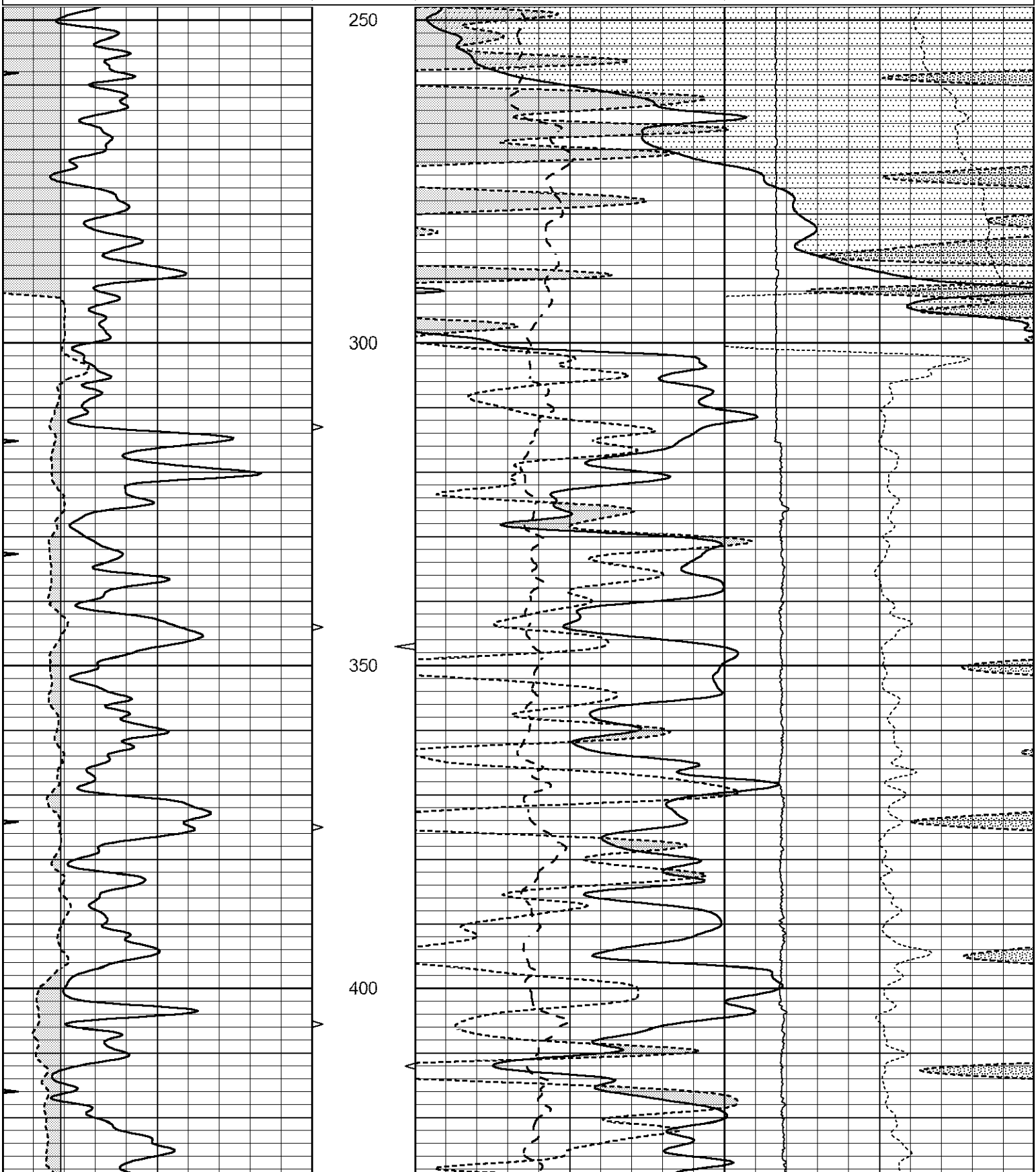
DIRECTIONS:  
FROM ROSALIA, KS GO NORTH 3.5 MILES ON FLINTHILLS ROAD, WEST INTO

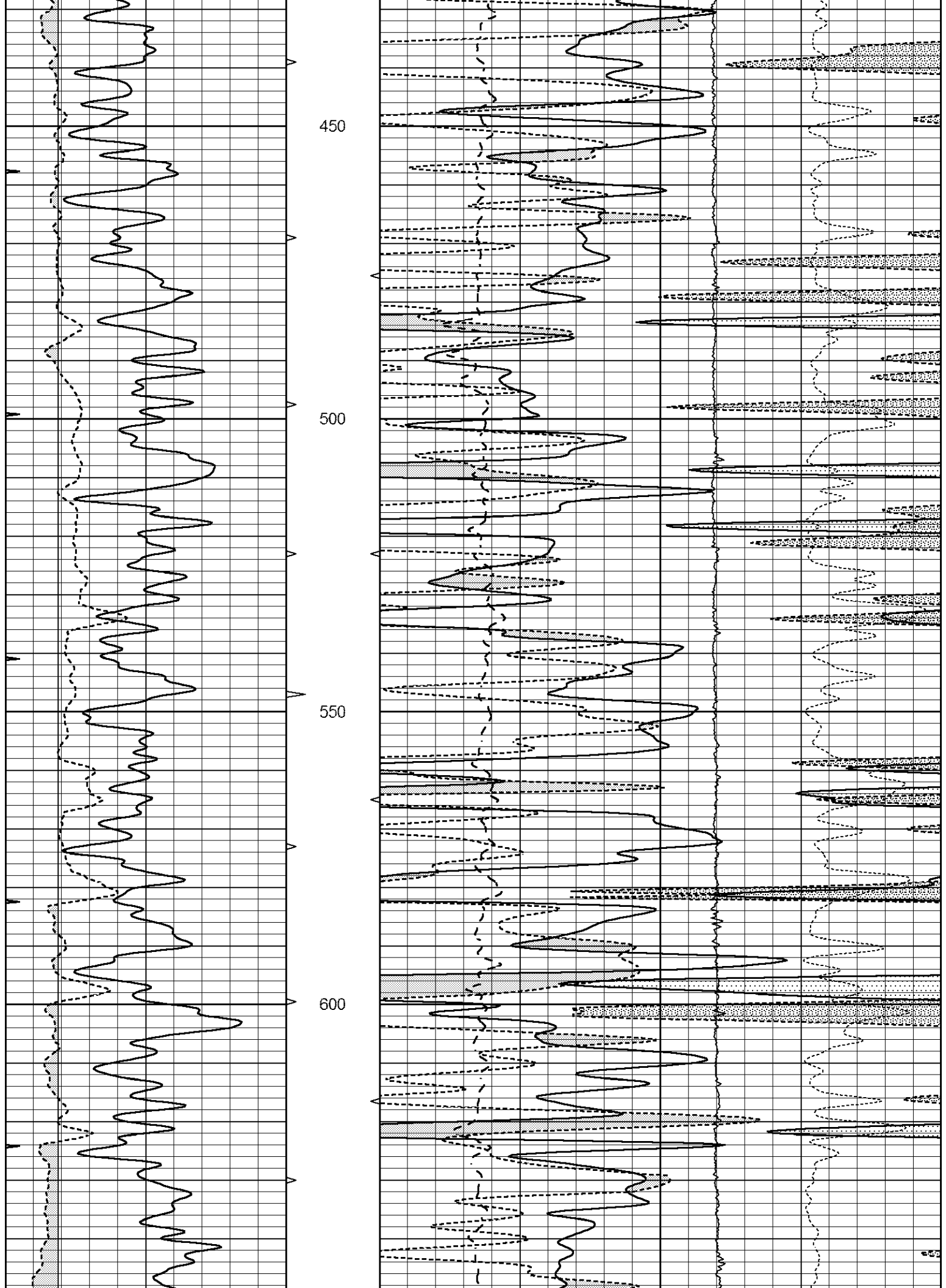


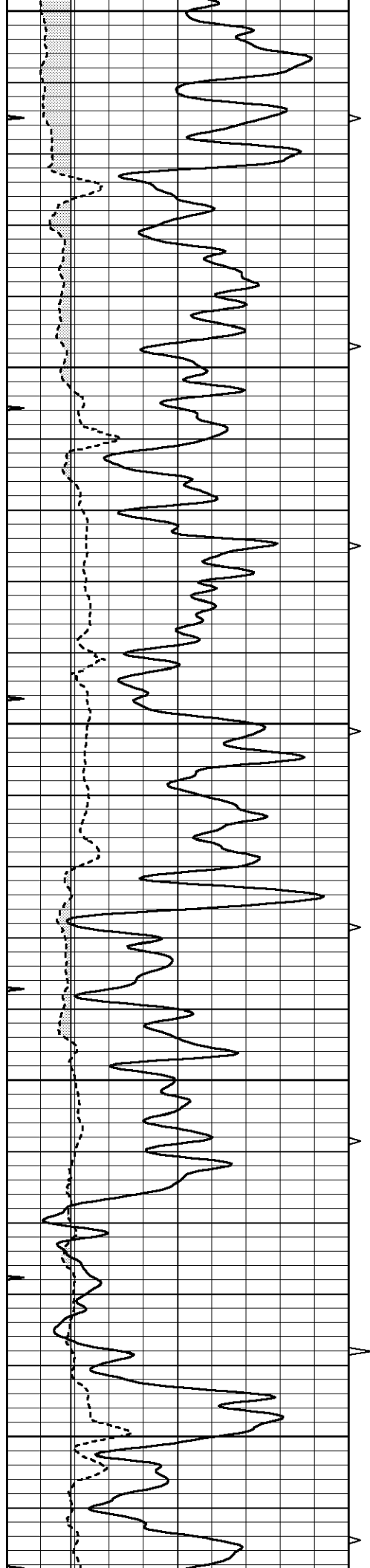
# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 7388pe.db                  |
| Dataset Pathname    | pass3M                     |
| Presentation Format | _ldt_neu                   |
| Dataset Creation    | Sun Dec 11 07:15:57 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  |
| 0 | MINMK            | 20  | TBHV     | 0  | PE                       | 10                       | -0.25     | CORRECTION (g/cc) | 0.25 |
|   |                  |     | 0 (ft3)  | 10 |                          | 0                        | LTEN (lb) |                   | 5000 |







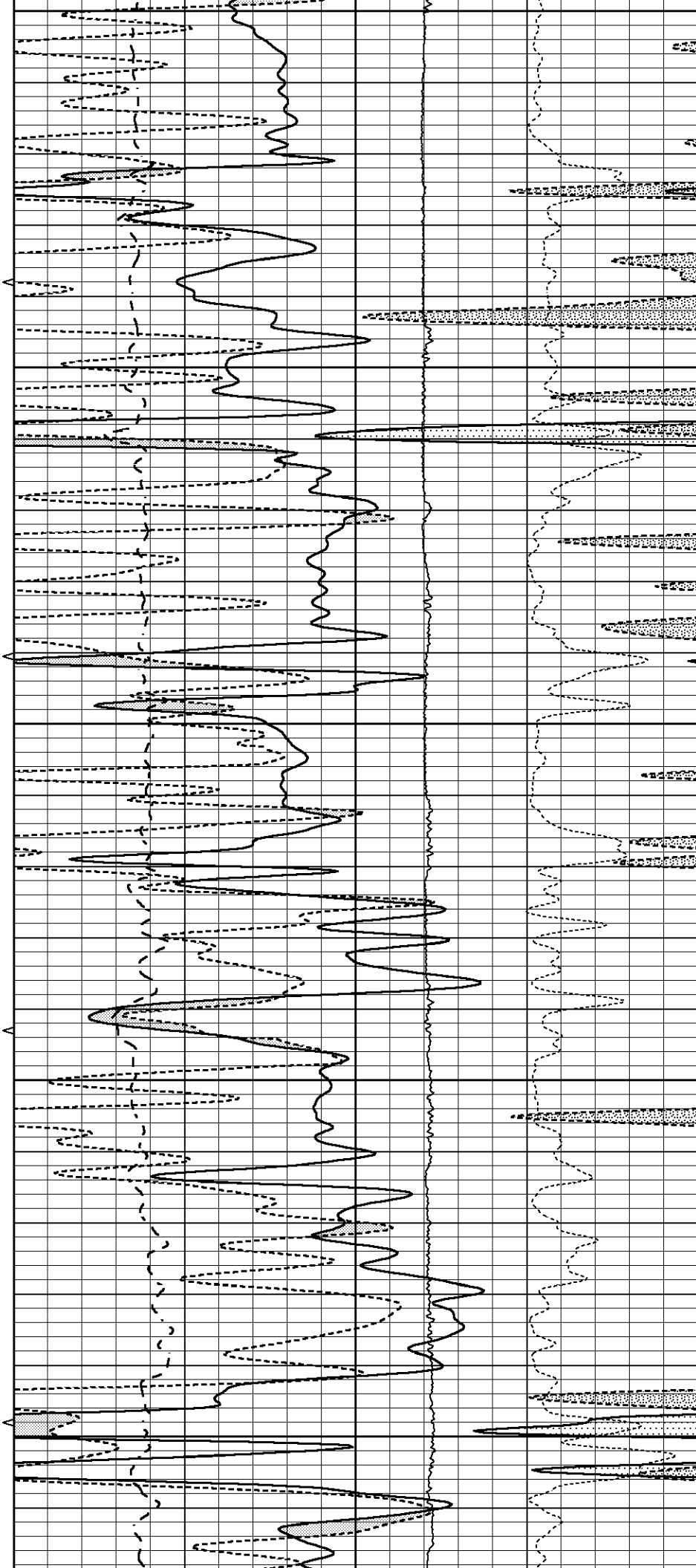
650

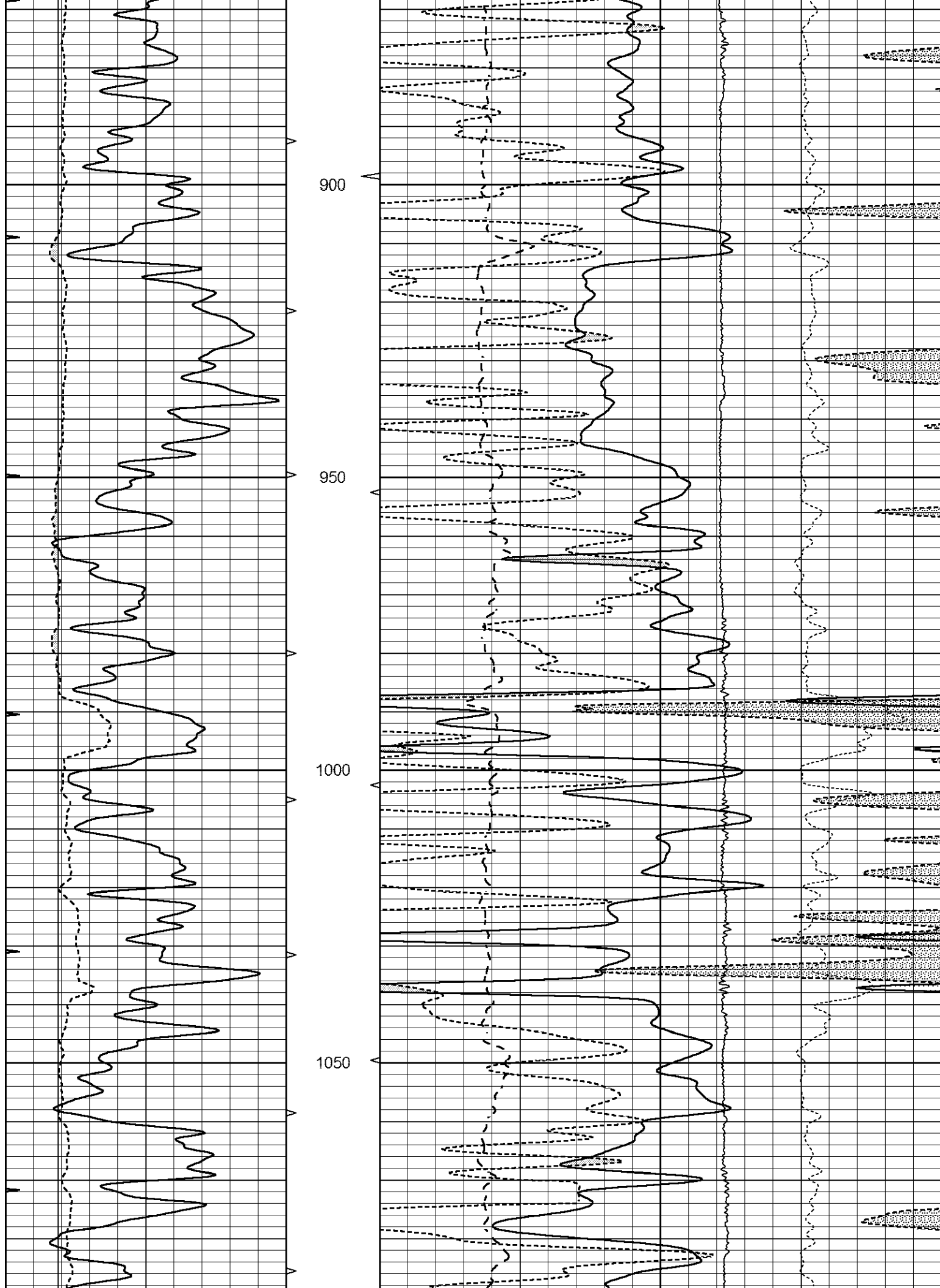
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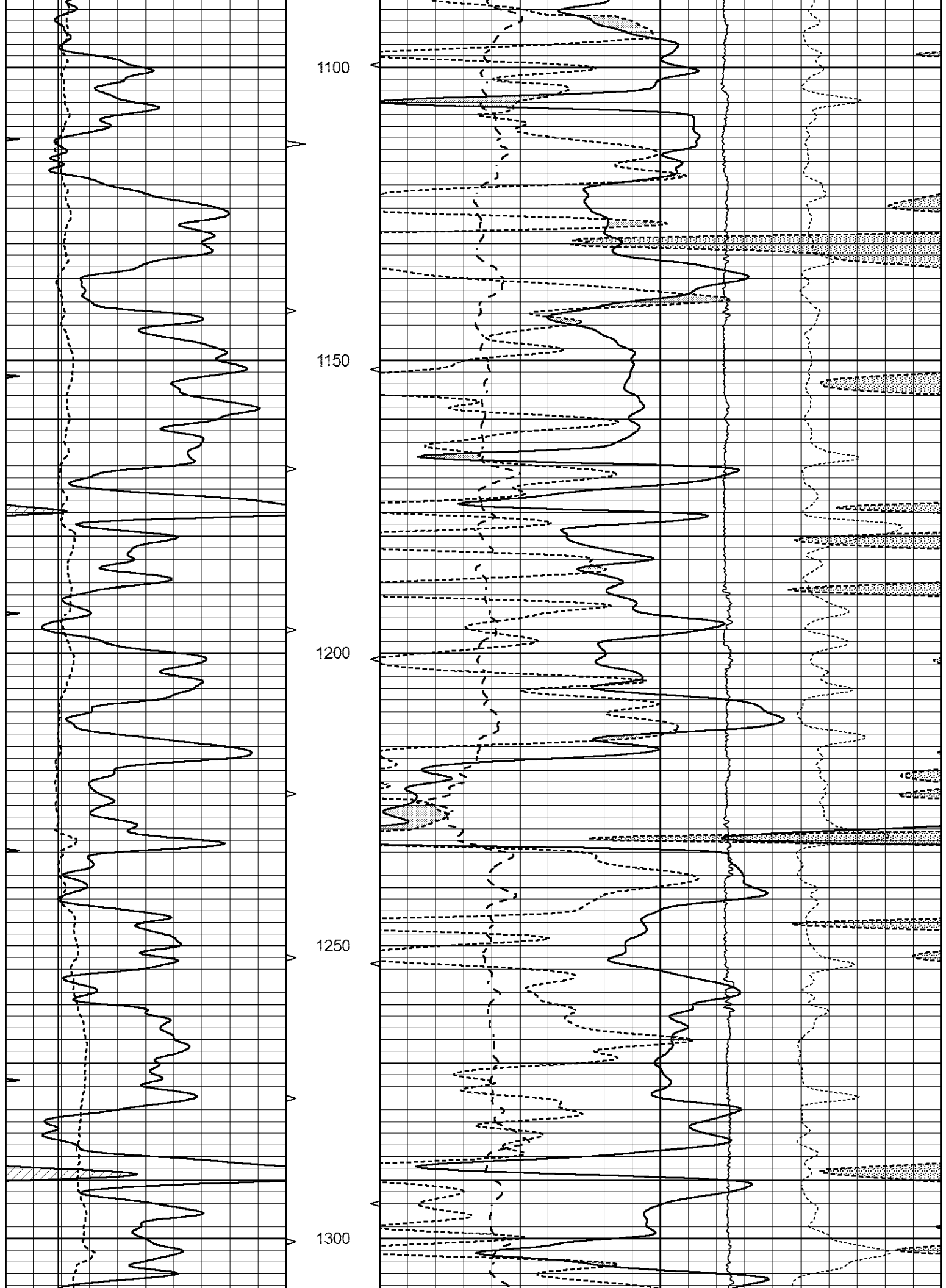
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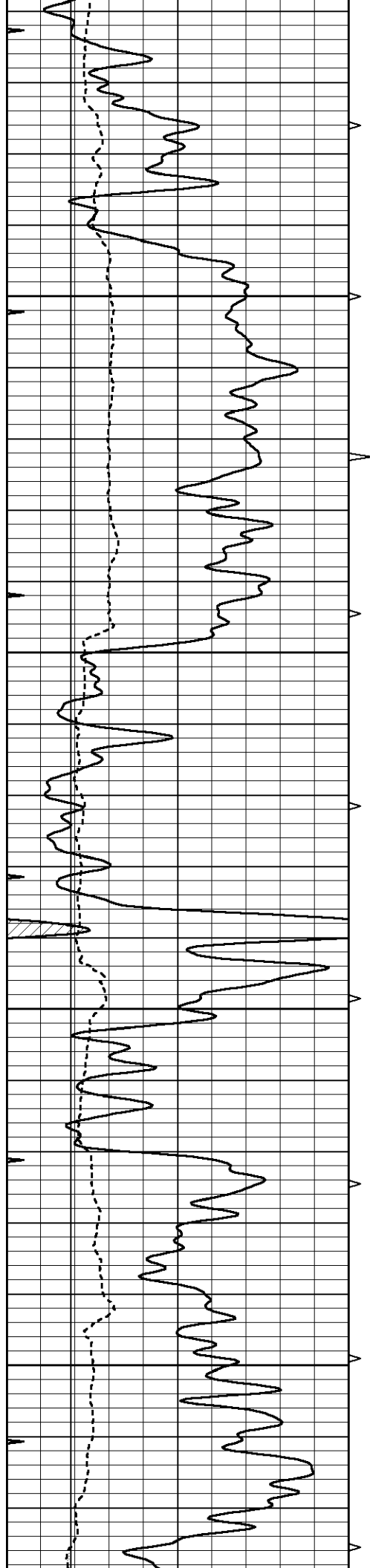
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850







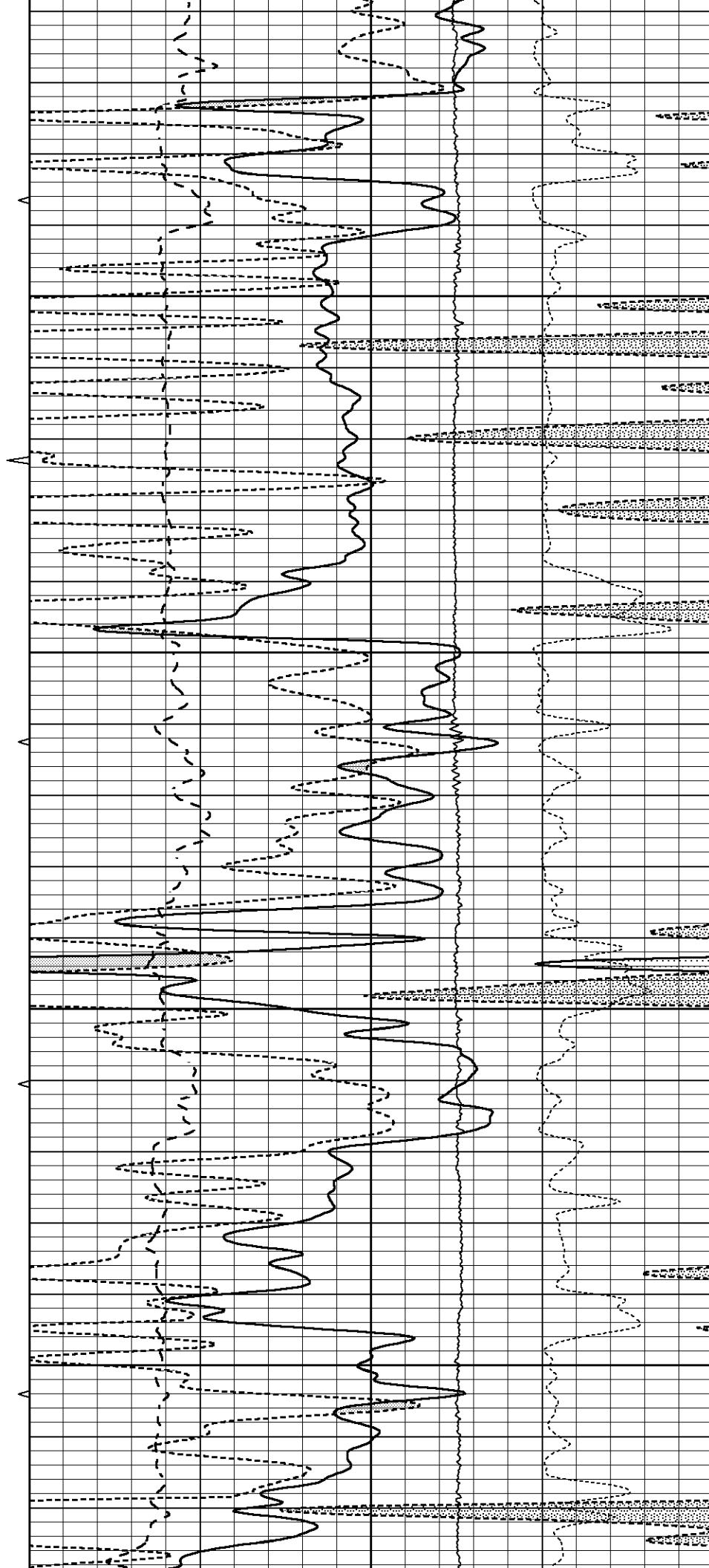


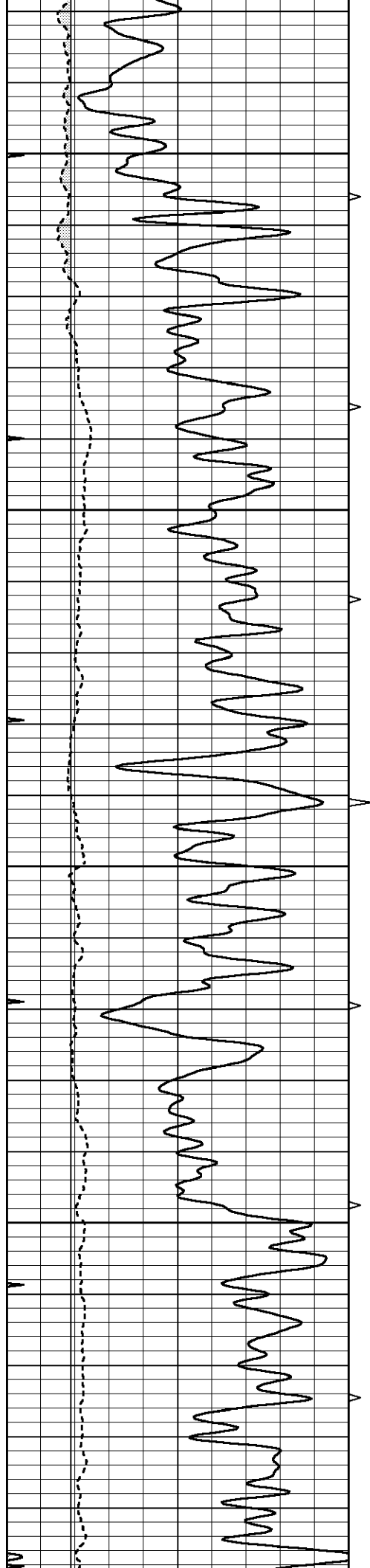
1350

1400

1450

1500



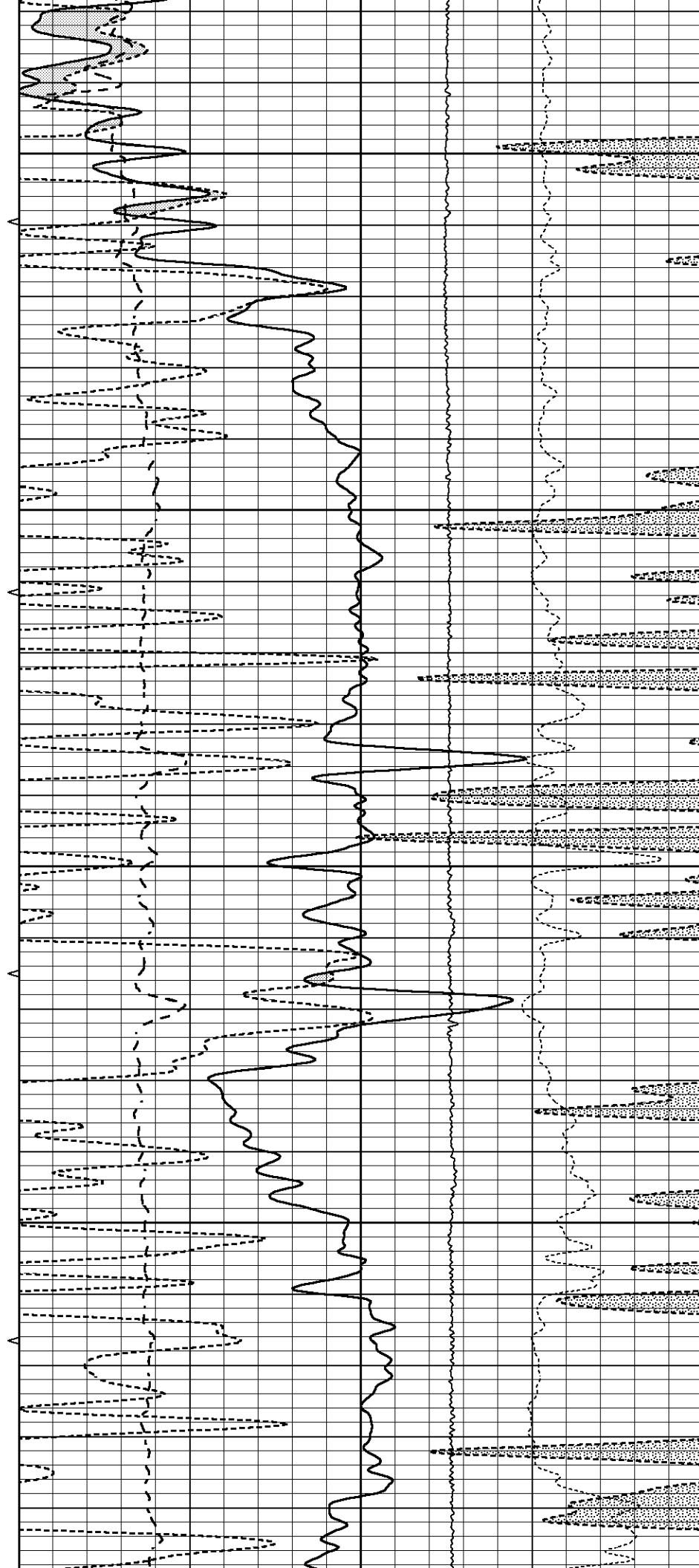


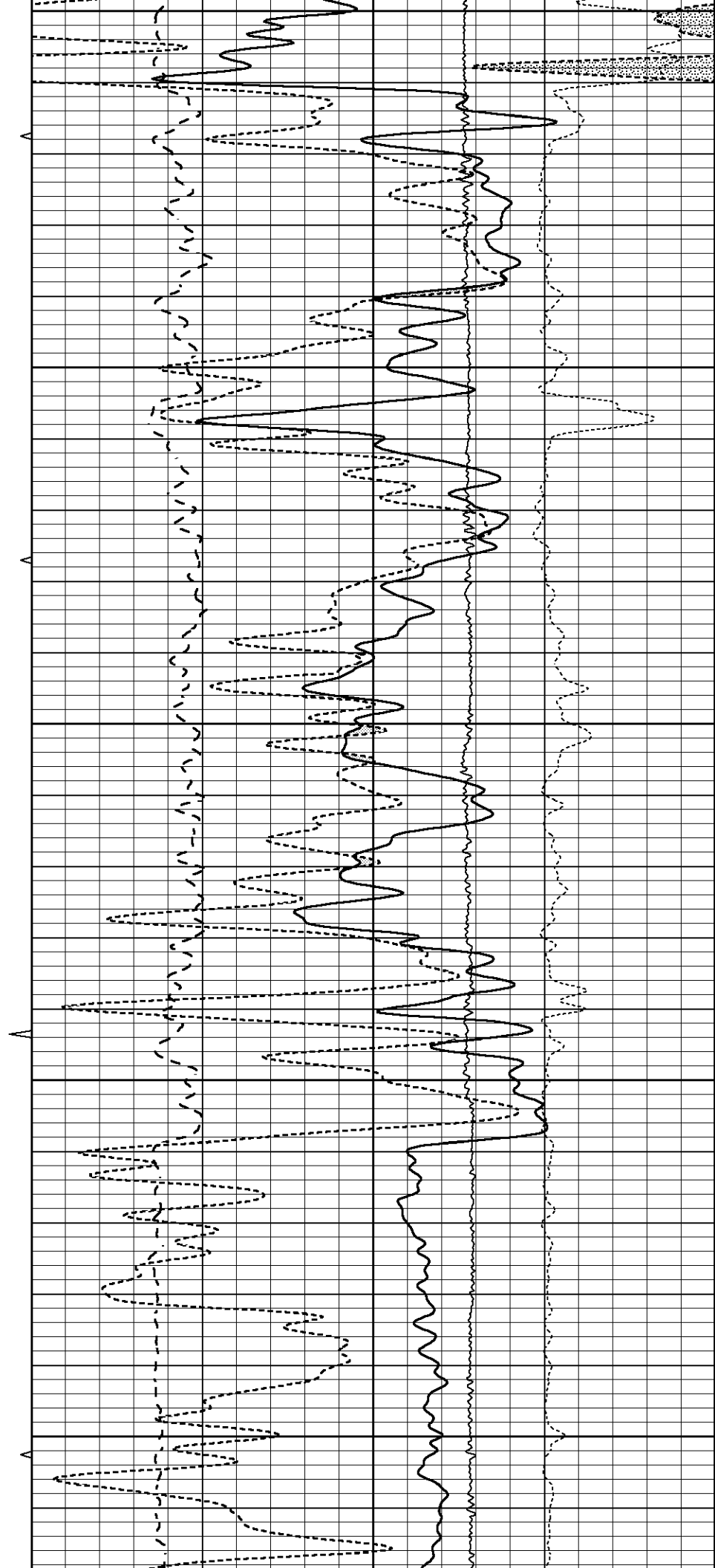
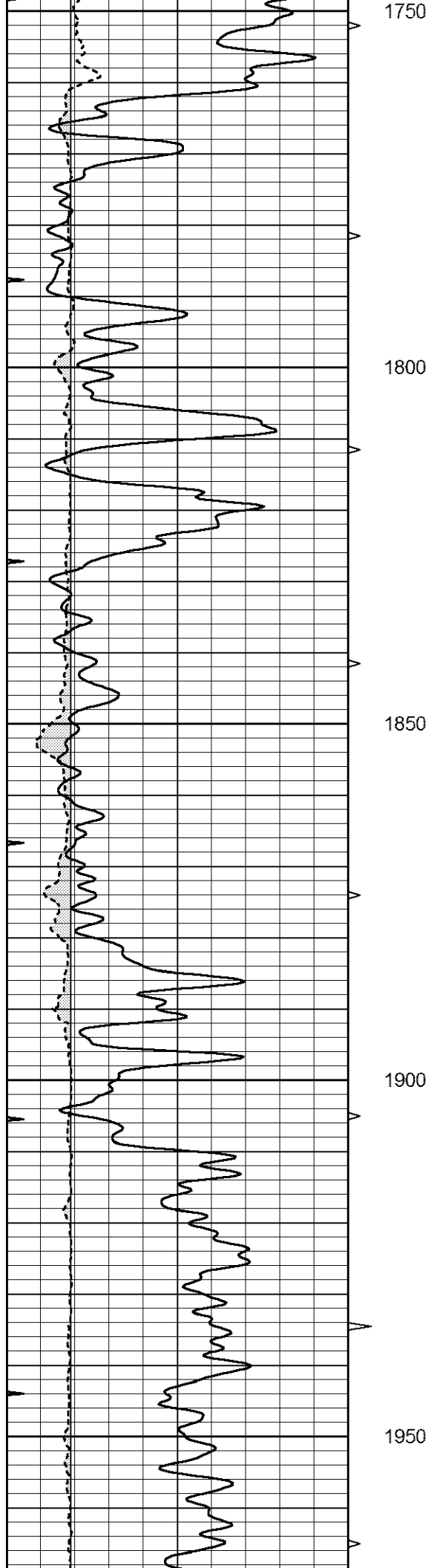
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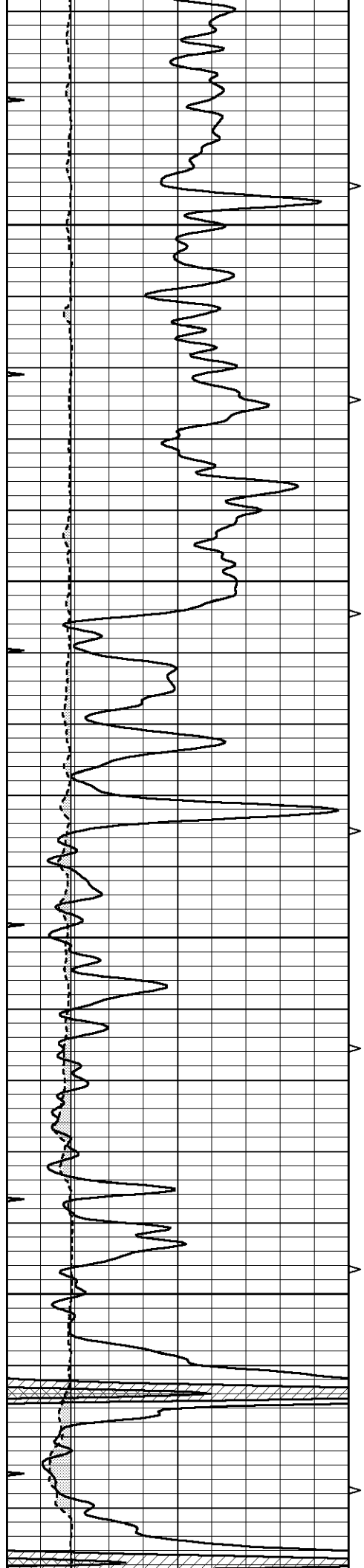
1600

1650

1700





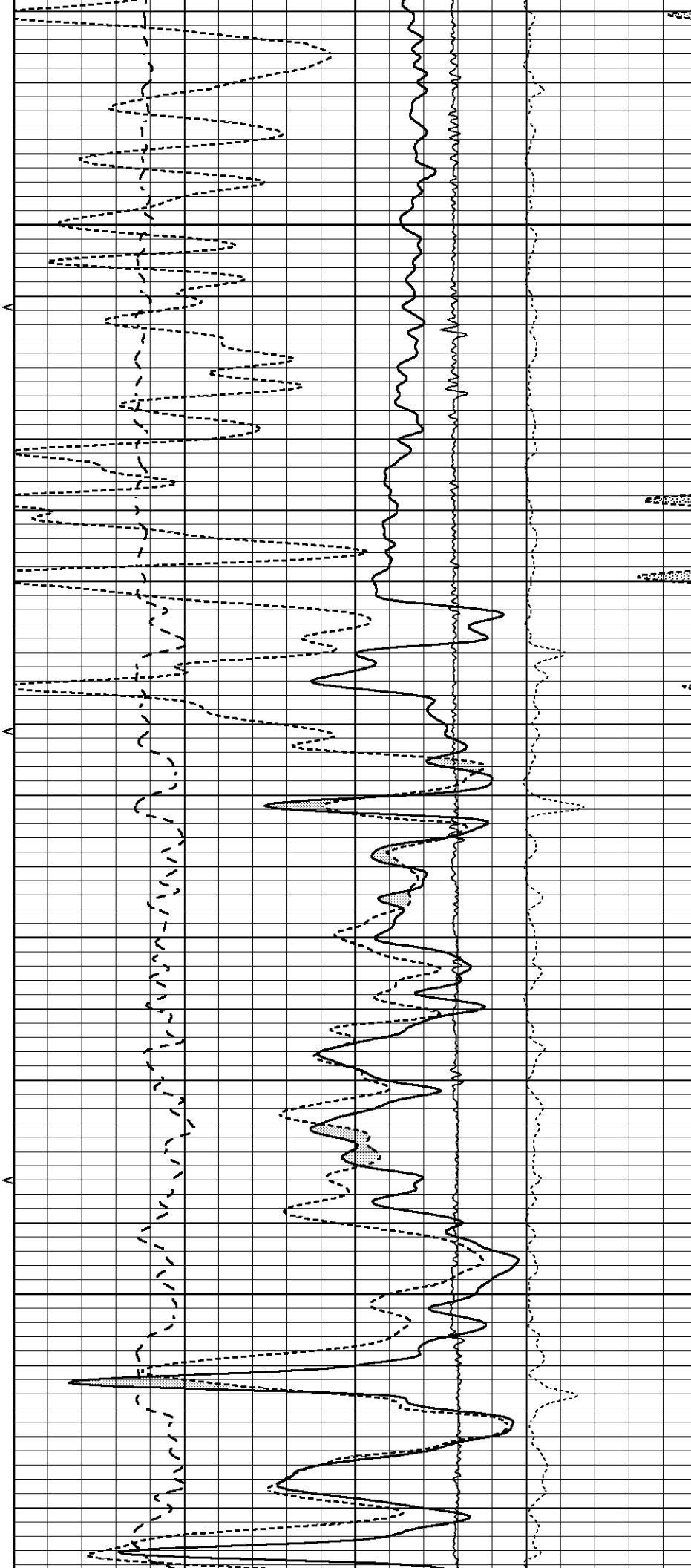


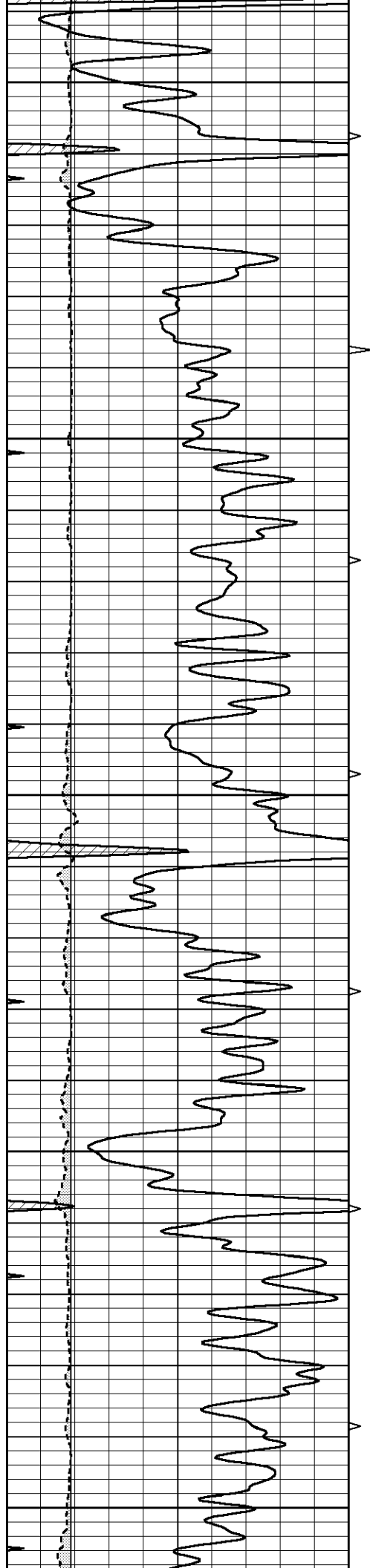
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2050

2100

2150





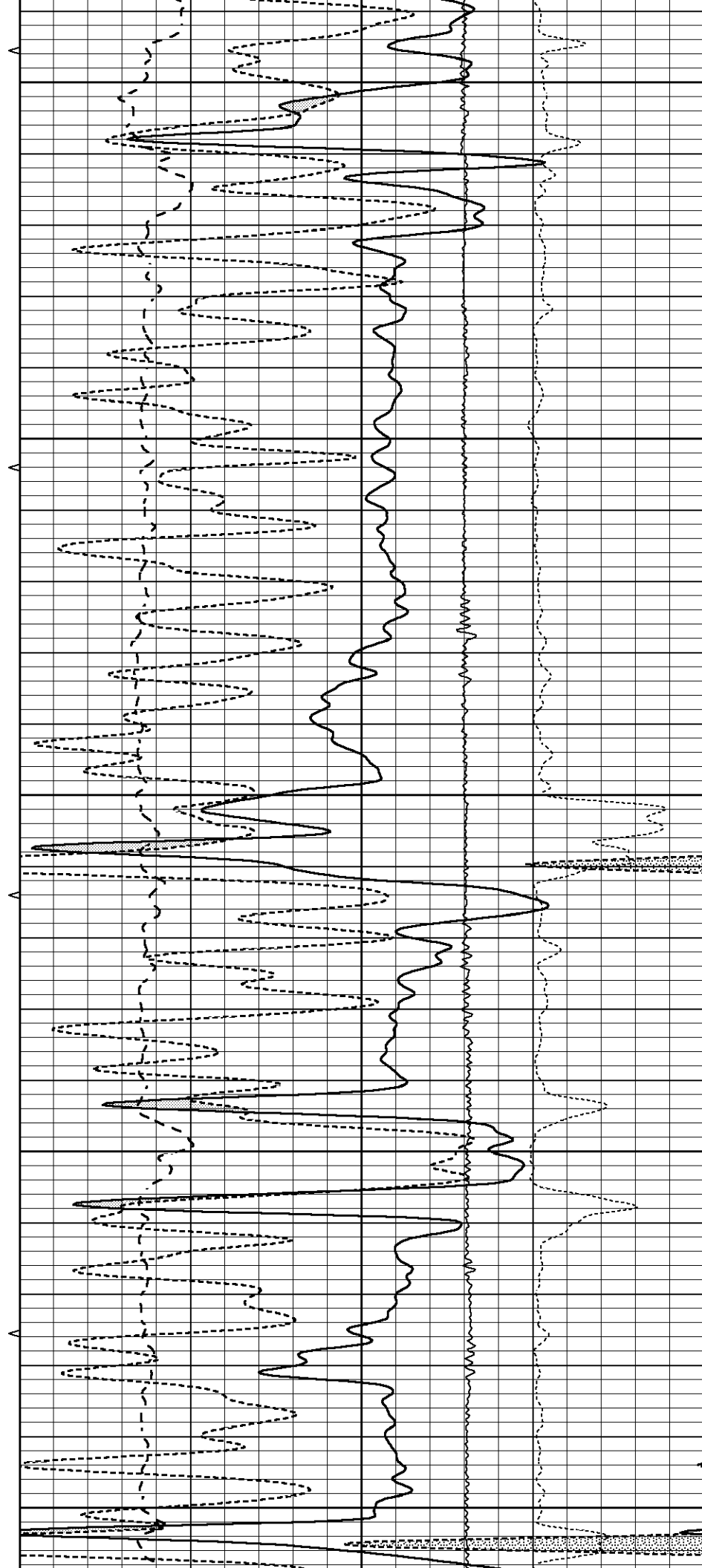
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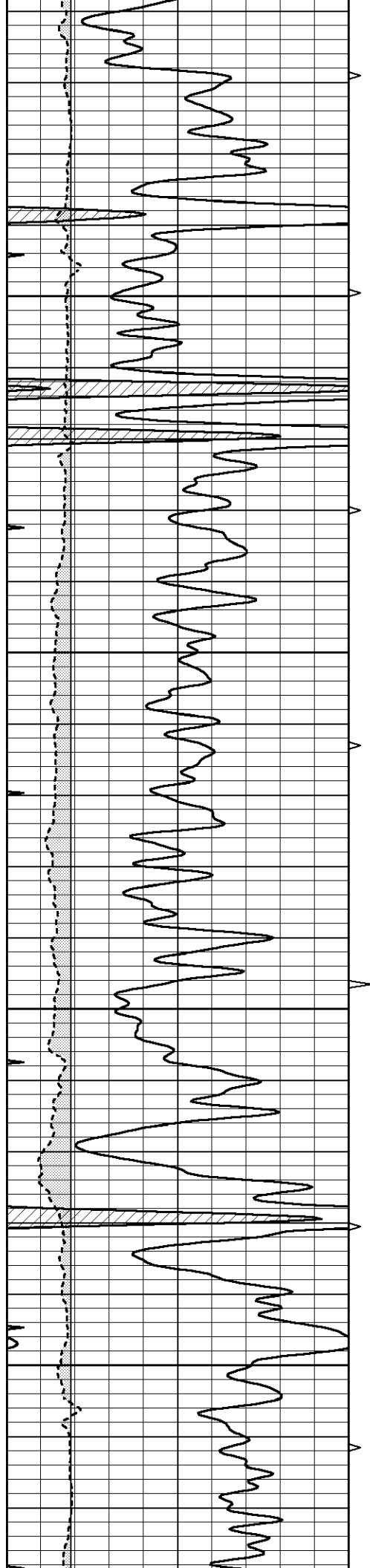
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2300

2350

2400



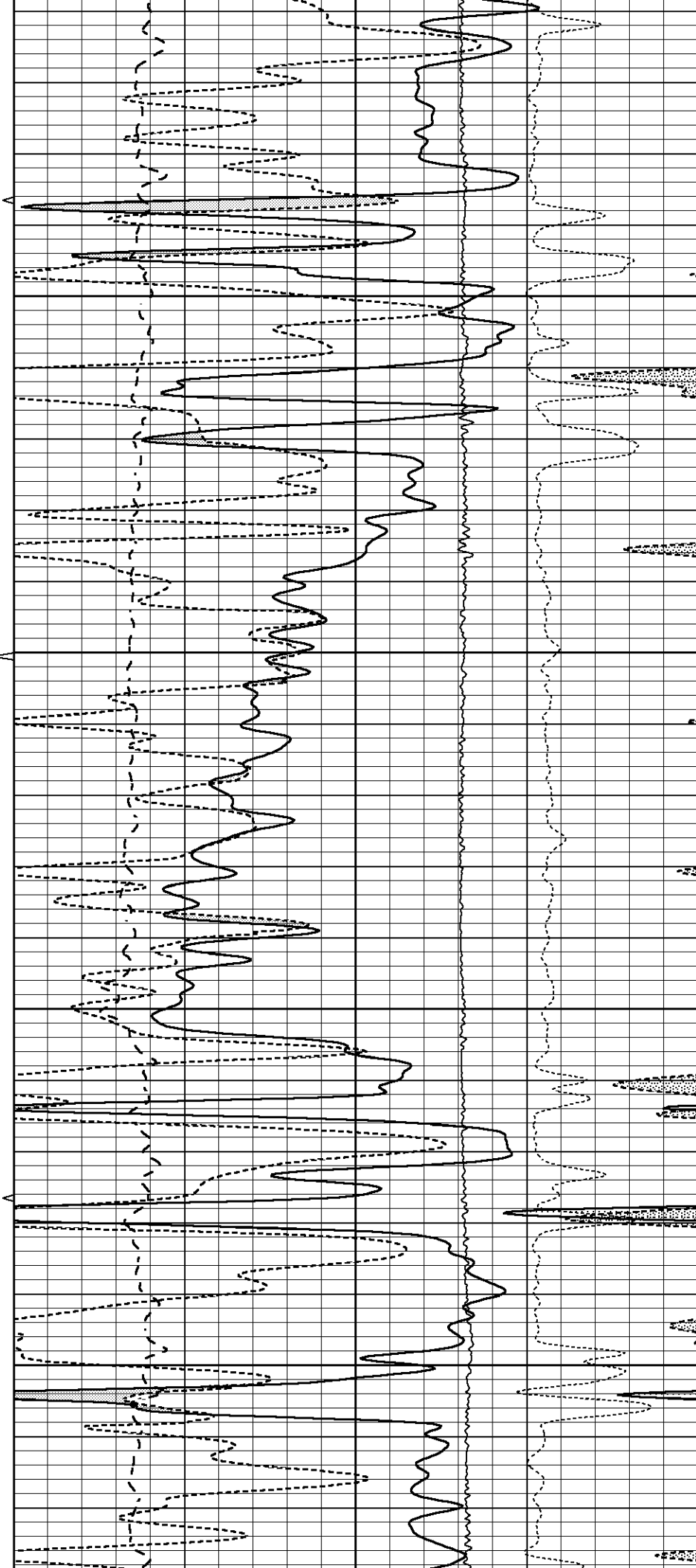


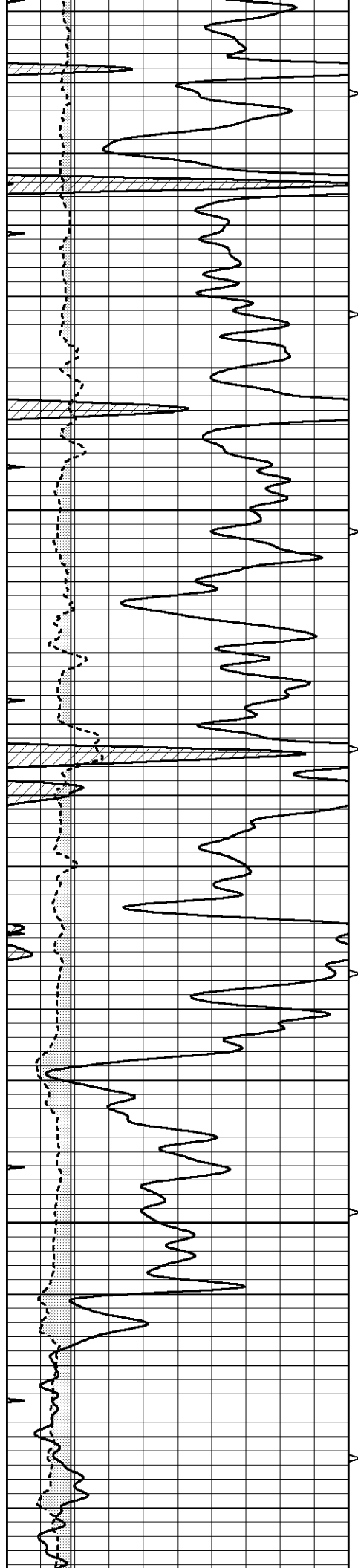
2450

2500

2550

2600



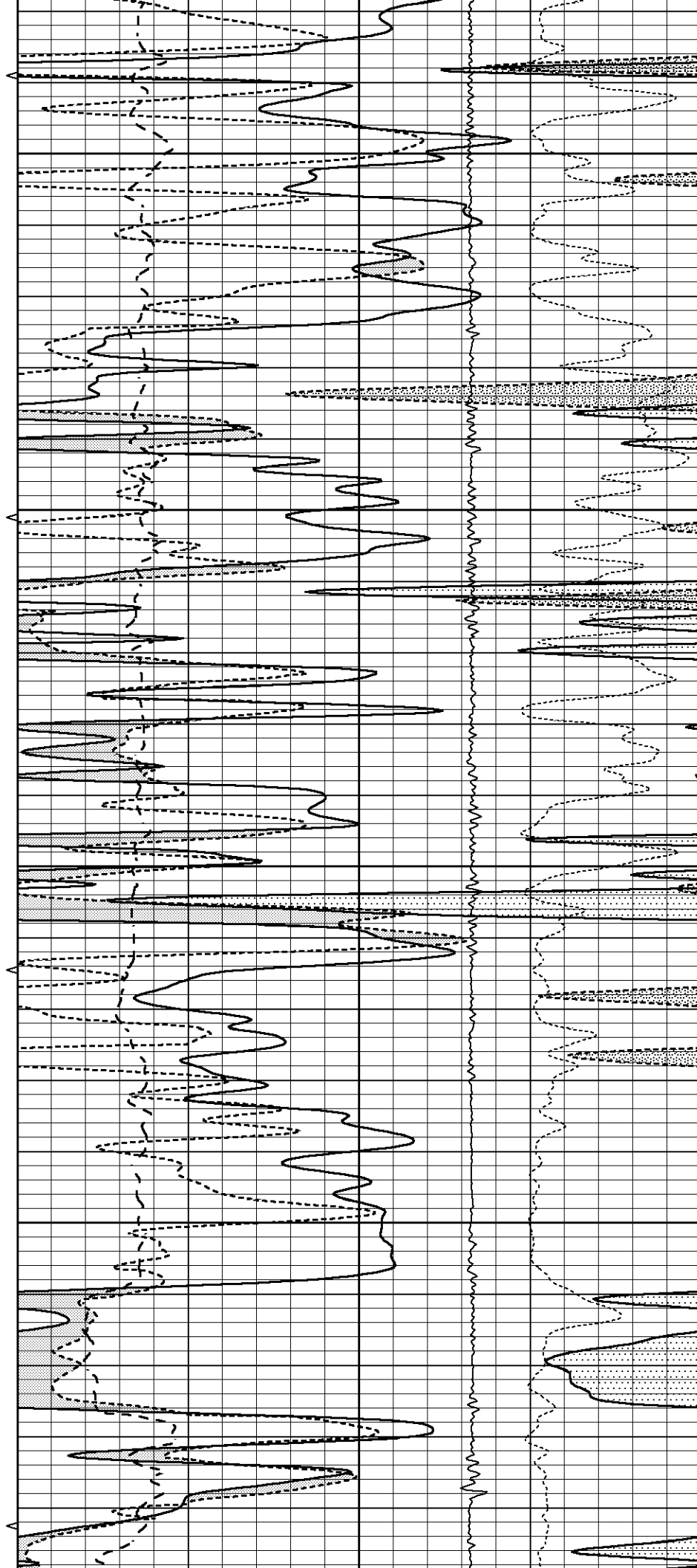


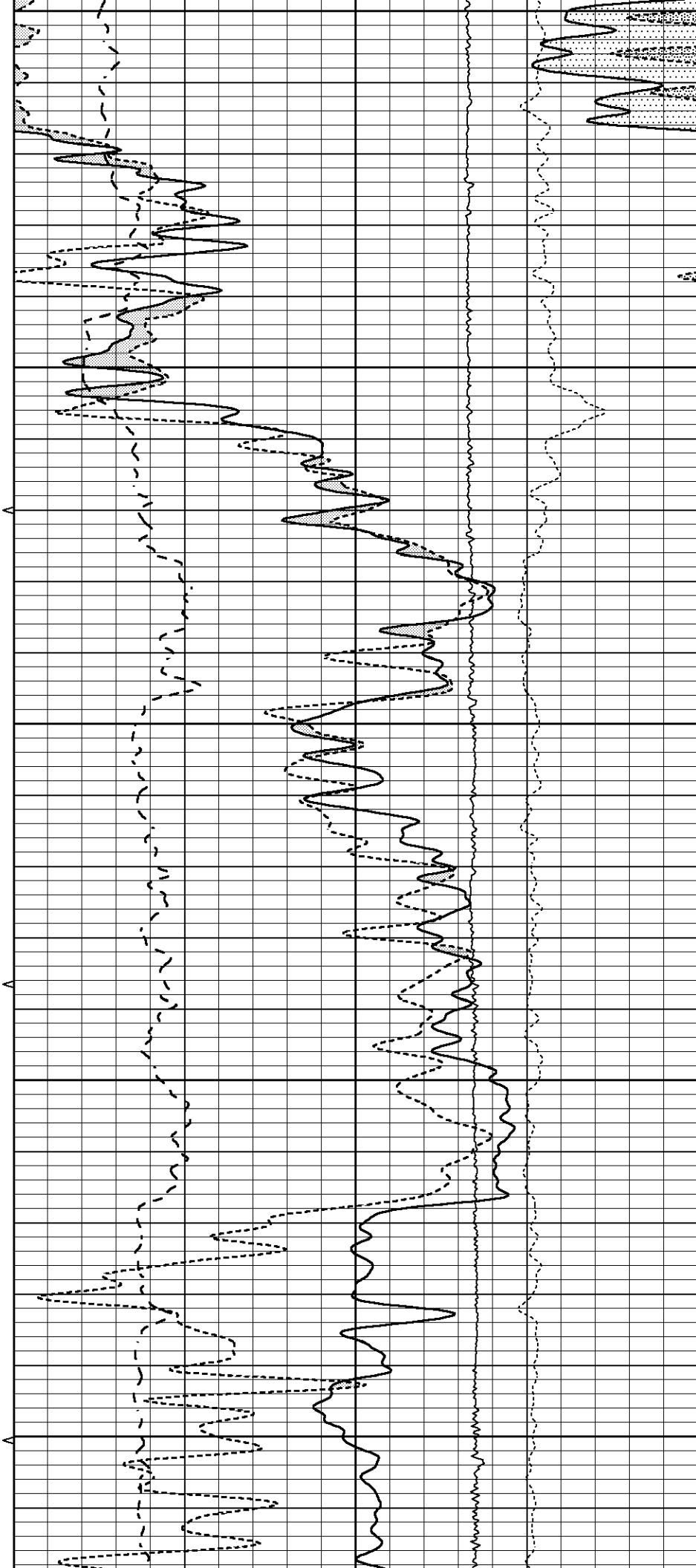
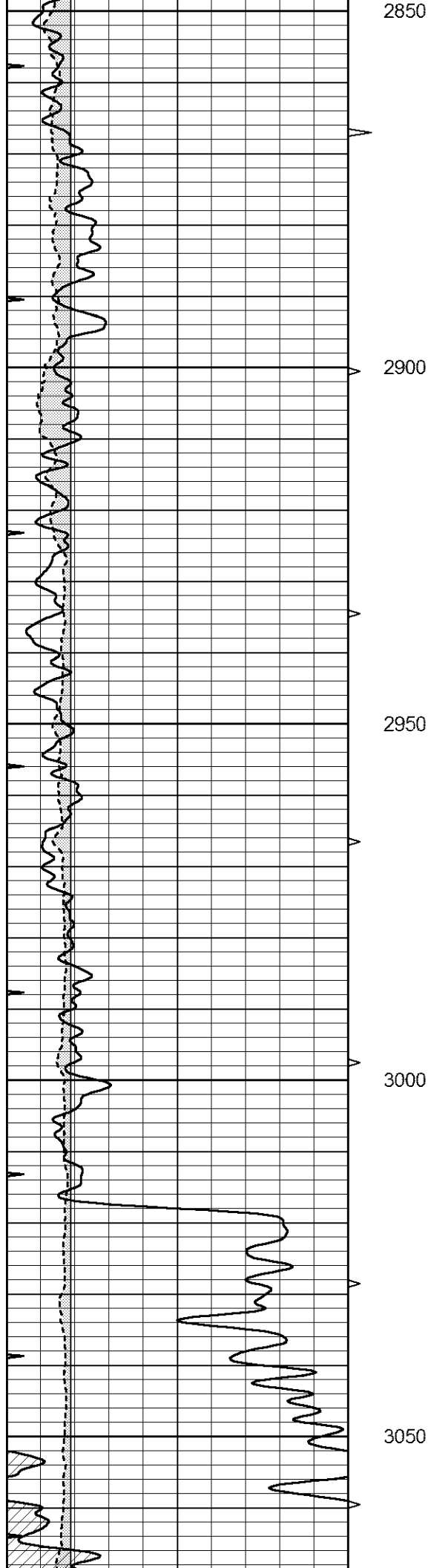
2650

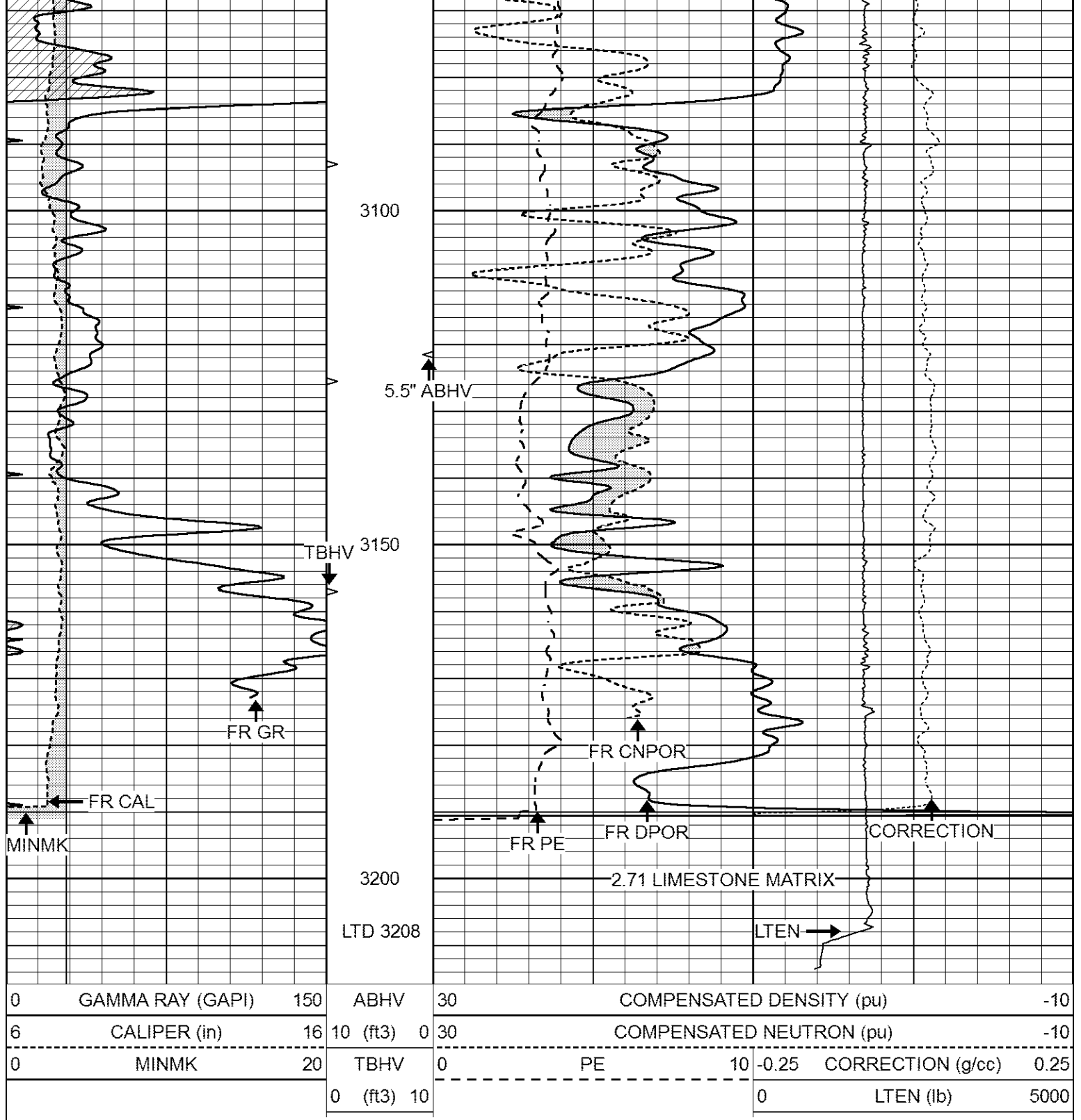
2700

2750

2800





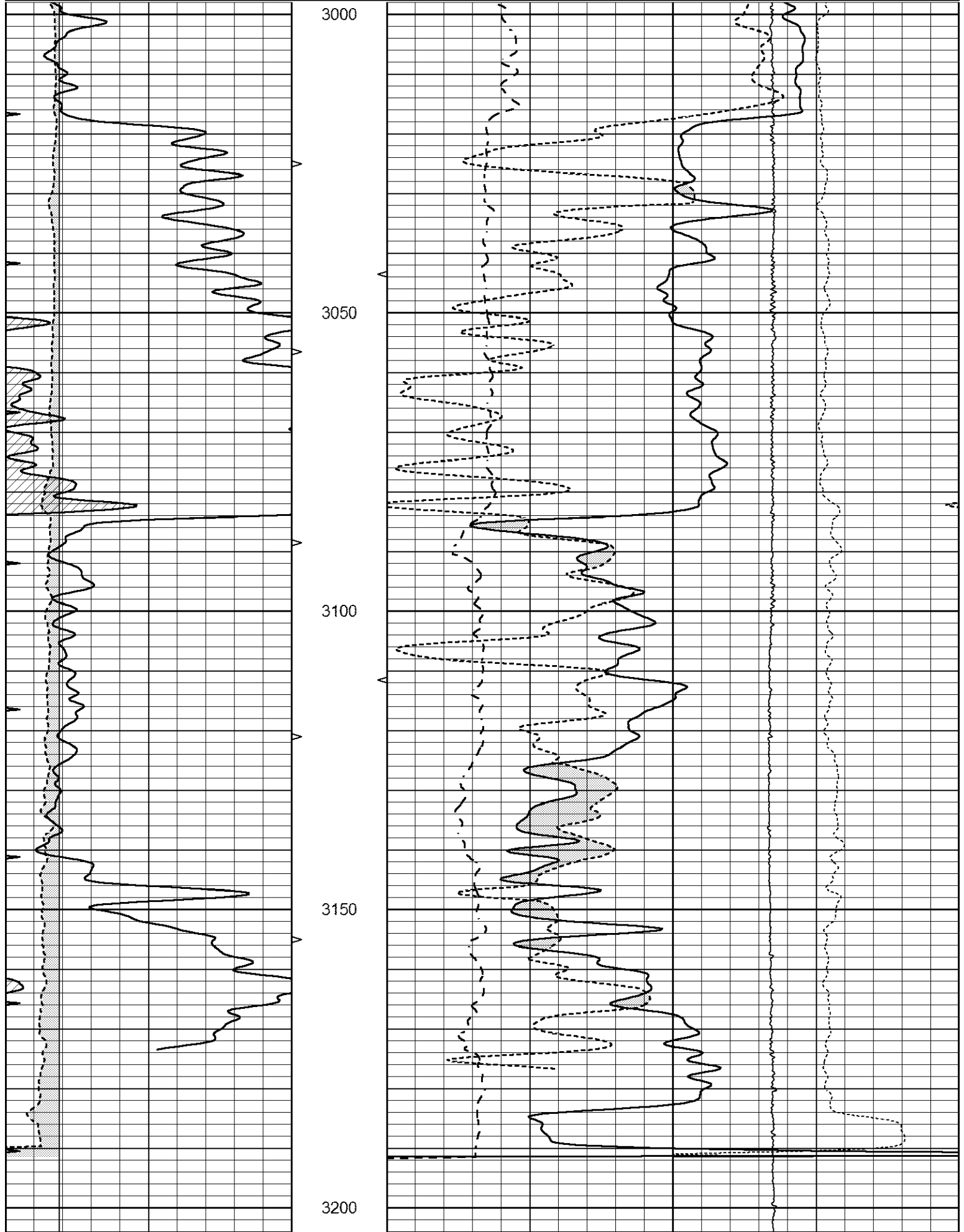


# REPEAT SECTION

Database File 7388pe.db  
 Dataset Pathname pass2R  
 Presentation Format \_ldt\_neu  
 Dataset Creation Sun Dec 11 05:58:27 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 |

|              |       |  |    |          |    |                          |                   |           |       |
|--------------|-------|--|----|----------|----|--------------------------|-------------------|-----------|-------|
| CALIPER (in) |       |  | 10 | 10 (ft3) | 0  | COMPENSATED NEUTRON (pu) |                   |           | -10   |
| 0            | MINMK |  | 20 | TBHV     |    | 0                        | PE                |           | 10    |
|              |       |  |    | 0 (ft3)  | 10 |                          |                   |           | -0.25 |
|              |       |  |    |          |    |                          | CORRECTION (g/cc) |           | 0.25  |
|              |       |  |    |          |    |                          | 0                 | LTEN (lb) |       |
|              |       |  |    |          |    |                          |                   |           | 5000  |





|             |        |             |         |                     |         |
|-------------|--------|-------------|---------|---------------------|---------|
| Window 3    | 1044.3 | 20488.1     | 5500.7  | 4913.3              | cps     |
| Window 4    | 315.7  | 358.7       | 321.5   | 319.5               | cps     |
| Long Space  | 0.0    | 35249.0     | 8030.7  | 6759.4              | cps     |
| Short Space | 1.4    | 9675.7      | 6523.4  | 5391.9              | cps     |
| Rho         |        | 1.7100      | 2.5900  | 0.0000              | g/cc    |
| Pe          |        | 2.0000      | 2.7500  | 5.7900              |         |
|             |        |             |         |                     |         |
| Rib Angle   | : 45.1 | Rib Slope   | : 1.003 | Density/Spine Ratio | : 0.575 |
| Spine Angle | : 75.1 | Spine Slope | : 3.752 | Spine Intercept     | : -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 |