

# DUAL INDUCTION LOG

|                              |                                                                                                   |                                                                |                                                                            |
|------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------|
| Company                      | SLAWSON EXPLORATION COMPANY, INC.                                                                 | Company                                                        | SLAWSON EXPLORATION COMPANY, INC.                                          |
| Well                         | DICKEY #1-25                                                                                      | Well                                                           | DICKEY #1-25                                                               |
| Field                        | UNNAMED                                                                                           | Field                                                          | UNNAMED                                                                    |
| County                       | LANE                                                                                              | County                                                         | LANE                                                                       |
| State                        | KANSAS                                                                                            | State                                                          | KANSAS                                                                     |
| Location:                    | API # : 15-101-22669-00-00<br>NE - SW - SE - SW<br>442' FSL & 1872' FWL<br>SEC 25 TWP 16S RGE 30W | Permanent Datum<br>Log Measured From<br>Drilling Measured From | GROUND LEVEL Elevation 2840.3<br>KELLY BUSHING 11' A.G.L.<br>KELLY BUSHING |
|                              |                                                                                                   |                                                                | Elevation<br>K.B. 2851.3<br>D.F. 2849.3<br>G.L. 2840.3                     |
| Date                         | 5/15/22                                                                                           | Run Number                                                     | ONE                                                                        |
| Depth Driller                | 4636                                                                                              | Depth Driller                                                  | 4636                                                                       |
| Depth Logger                 | 4634                                                                                              | Depth Logger                                                   | 4634                                                                       |
| Bottom Logged Interval       | 4632                                                                                              | Bottom Logged Interval                                         | 4632                                                                       |
| Top Log Interval             | 00                                                                                                | Top Log Interval                                               | 00                                                                         |
| Casing Driller               | 208                                                                                               | Casing Driller                                                 | 208                                                                        |
| Casing Logger                | 308                                                                                               | Casing Logger                                                  | 308                                                                        |
| Bit Size                     | 7 7/8                                                                                             | Bit Size                                                       | 7 7/8                                                                      |
| Type Fluid in Hole           | CHEMICAL MUD                                                                                      | Type Fluid in Hole                                             | CHEMICAL MUD                                                               |
| Density / Viscosity          | 9.4/54                                                                                            | Density / Viscosity                                            | 9.4/54                                                                     |
| pH / Fluid Loss              | 10.5/8.8                                                                                          | pH / Fluid Loss                                                | 10.5/8.8                                                                   |
| Source of Sample             | FLOWLINE                                                                                          | Source of Sample                                               | FLOWLINE                                                                   |
| Rm @ Meas. Temp              | 1.80@75F                                                                                          | Rm @ Meas. Temp                                                | 1.80@75F                                                                   |
| Rmf @ Meas. Temp             | 1.35@75F                                                                                          | Rmf @ Meas. Temp                                               | 1.35@75F                                                                   |
| Rmc @ Meas. Temp             | 2.16@75F                                                                                          | Rmc @ Meas. Temp                                               | 2.16@75F                                                                   |
| Source of Rmf / Rmc          | MEASUREMENT                                                                                       | Source of Rmf / Rmc                                            | MEASUREMENT                                                                |
| Rm @ BHT                     | 1.11@122F                                                                                         | Rm @ BHT                                                       | 1.11@122F                                                                  |
| Time Circulation Stopped     | 2.5 HOURS                                                                                         | Time Circulation Stopped                                       | 2.5 HOURS                                                                  |
| Time Logger on Bottom        | 10:30 A.M.                                                                                        | Time Logger on Bottom                                          | 10:30 A.M.                                                                 |
| Maximum Recorded Temperature | 122F                                                                                              | Maximum Recorded Temperature                                   | 122F                                                                       |
| Equipment Number             | 3802                                                                                              | Equipment Number                                               | 3802                                                                       |
| Location                     | HAYS, KANSAS                                                                                      | Location                                                       | HAYS, KANSAS                                                               |
| Recorded By                  | JEFF LUEBBERS                                                                                     | Recorded By                                                    | JEFF LUEBBERS                                                              |
| Witnessed By                 | AUSTIN GARNER                                                                                     | Witnessed By                                                   | COLE ROBBEN                                                                |

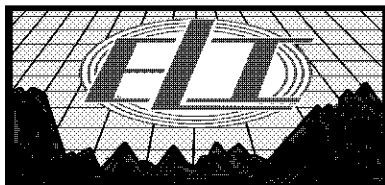
<<< Fold Here >>>

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

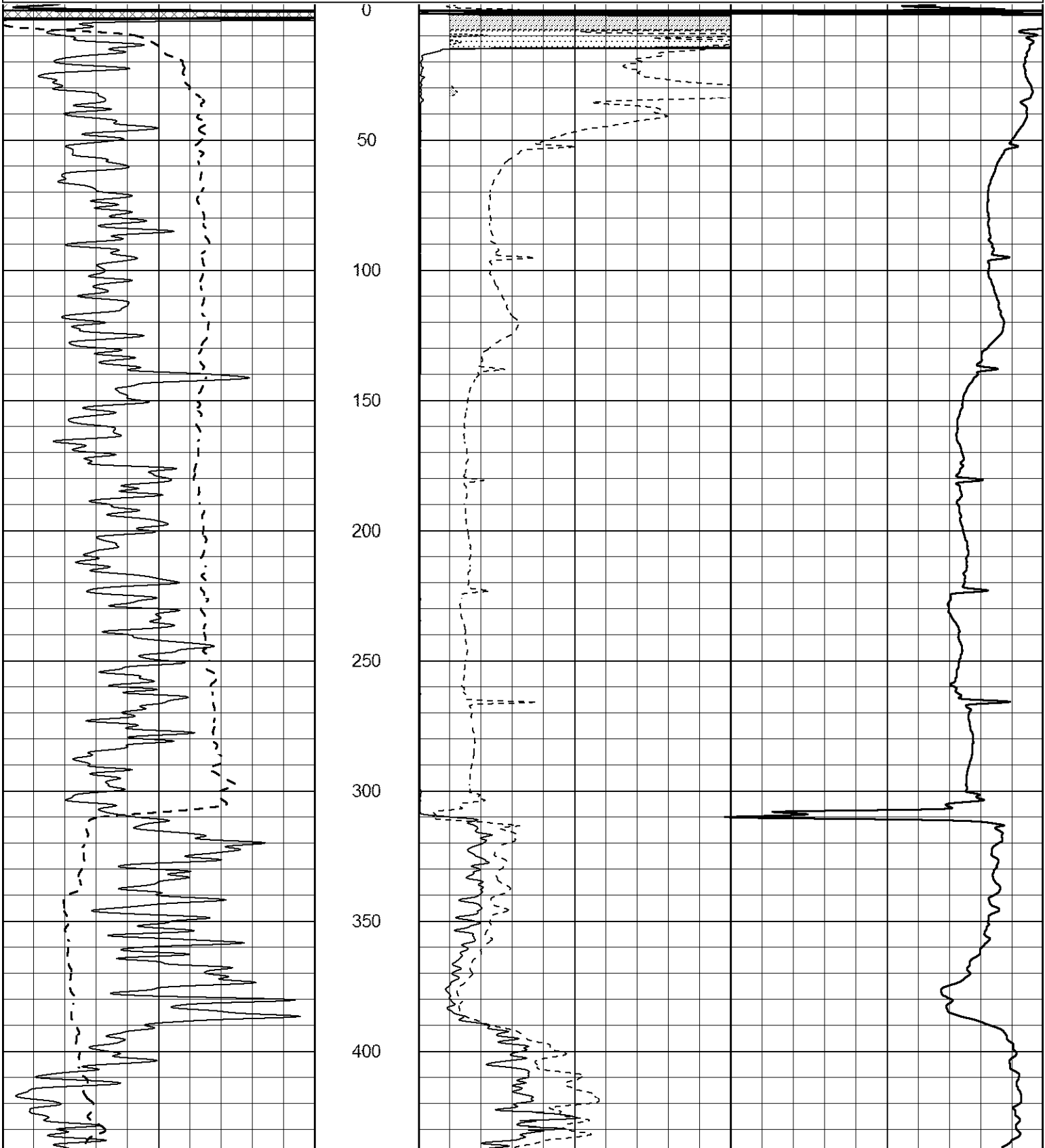
HEALY, KS. ONE MILE EAST ON HWY 4, TWO MILES NORTH ON EAGLE ROAD,  
1/4 MILE EAST ON ROAD 240, NORTH INTO LOCATION

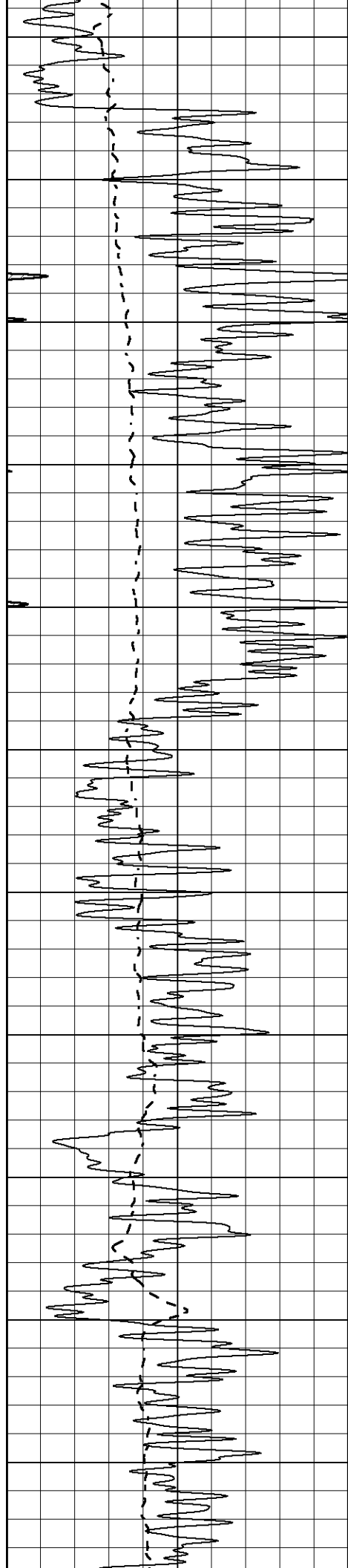


# MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 6399pe.db                  |
| Dataset Pathname    | pass3.1M                   |
| Presentation Format | _dil2                      |
| Dataset Creation    | Sun May 15 12:36:44 2022   |
| Charted by          | Depth in Feet scaled 1:600 |

|       |                  |     |      |                        |     |
|-------|------------------|-----|------|------------------------|-----|
| 0     | Gamma Ray (GAPI) | 150 | 1000 | CILD (mmho/m)          | 0   |
| -100  | SP (mV)          | 100 | 0    | RLL3 (Ohm-m)           | 50  |
| ----- |                  |     | 0    | Deep Induction (Ohm-m) | 50  |
|       |                  |     | 50   | RILD X10 (Ohm-m)       | 500 |
|       |                  |     | 50   | RLL3 X10 (Ohm-m)       | 500 |





450

500

550

600

650

700

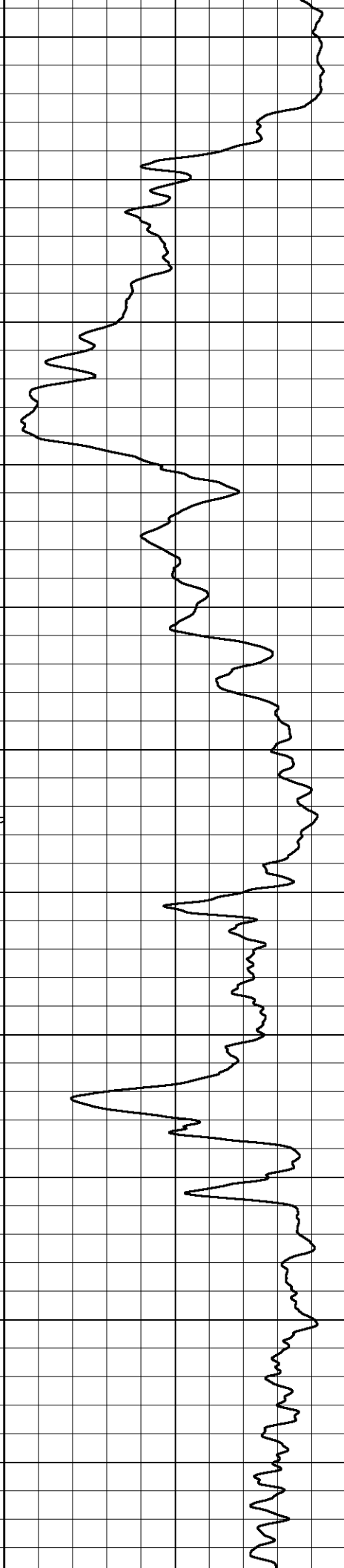
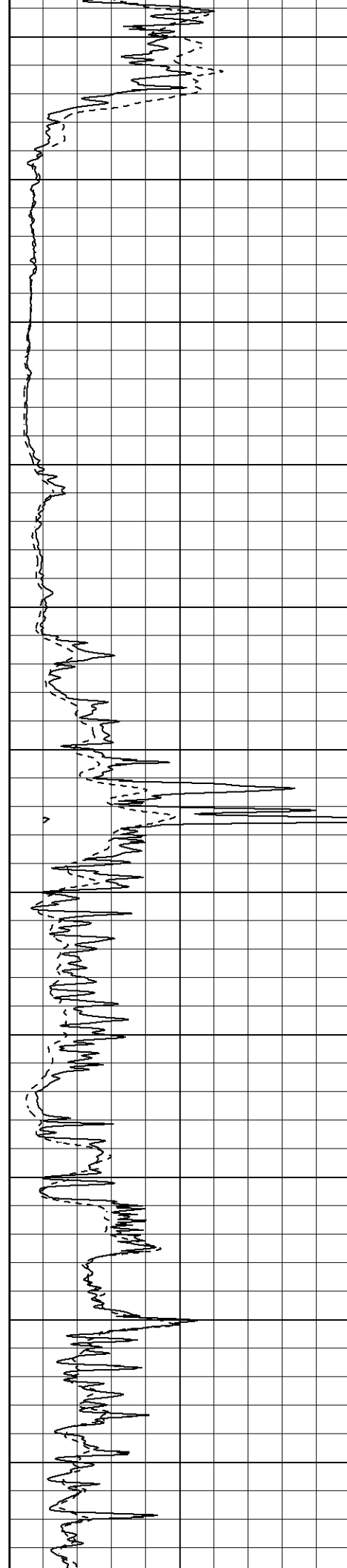
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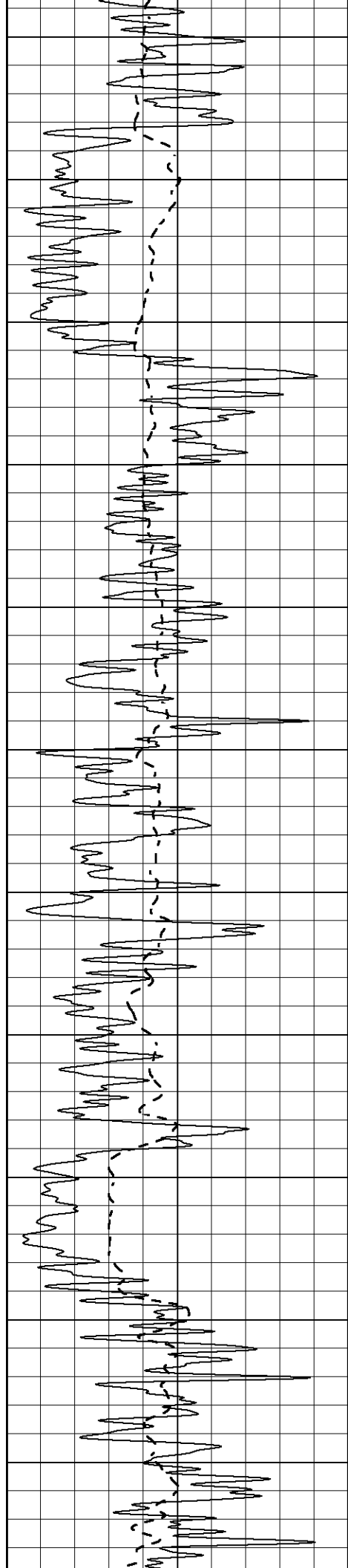
800

850

900

950





1000

1050

1100

1150

1200

1250

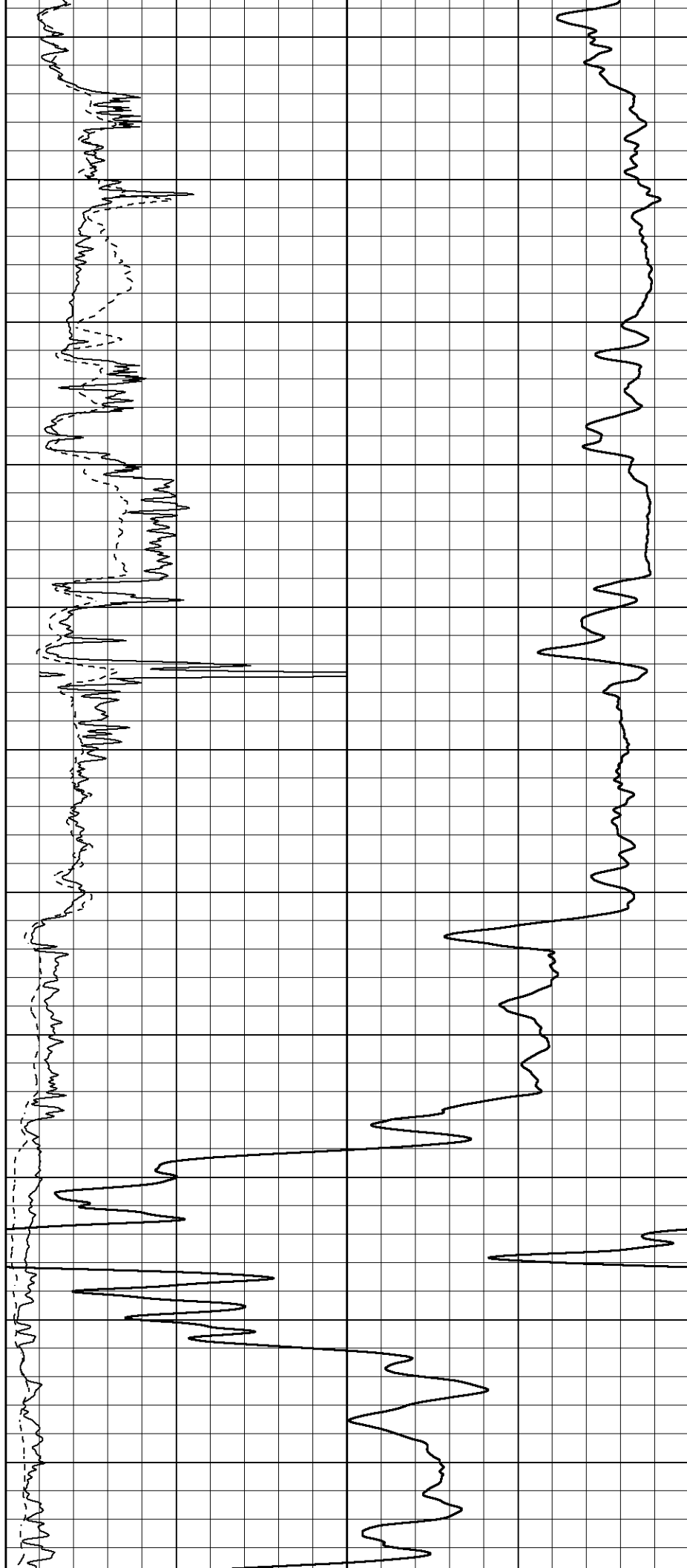
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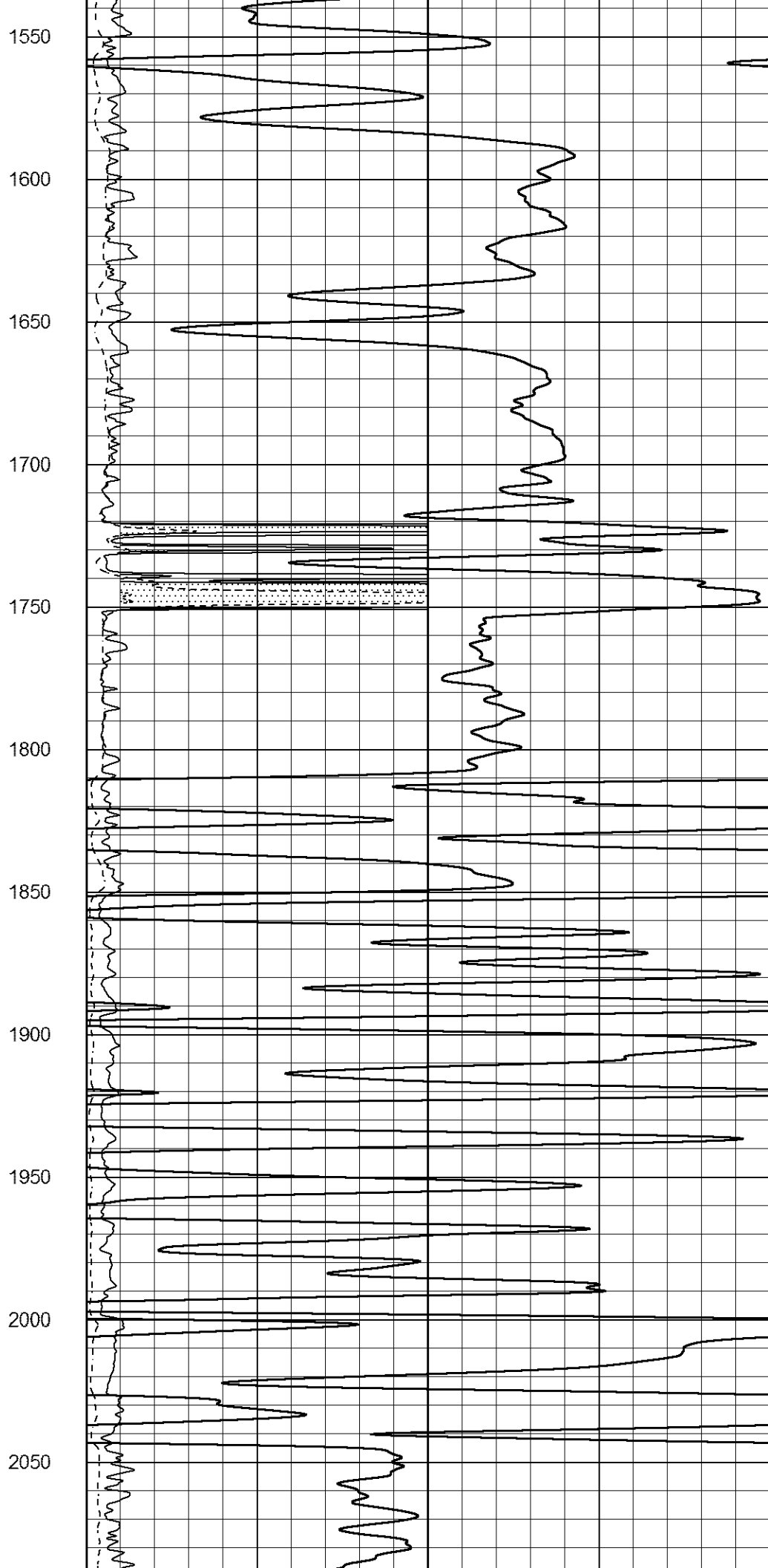
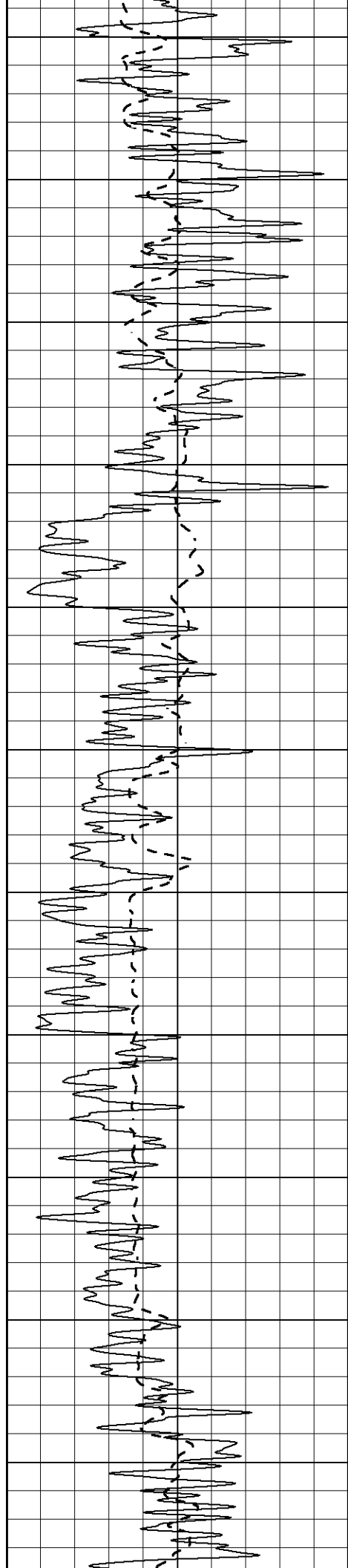
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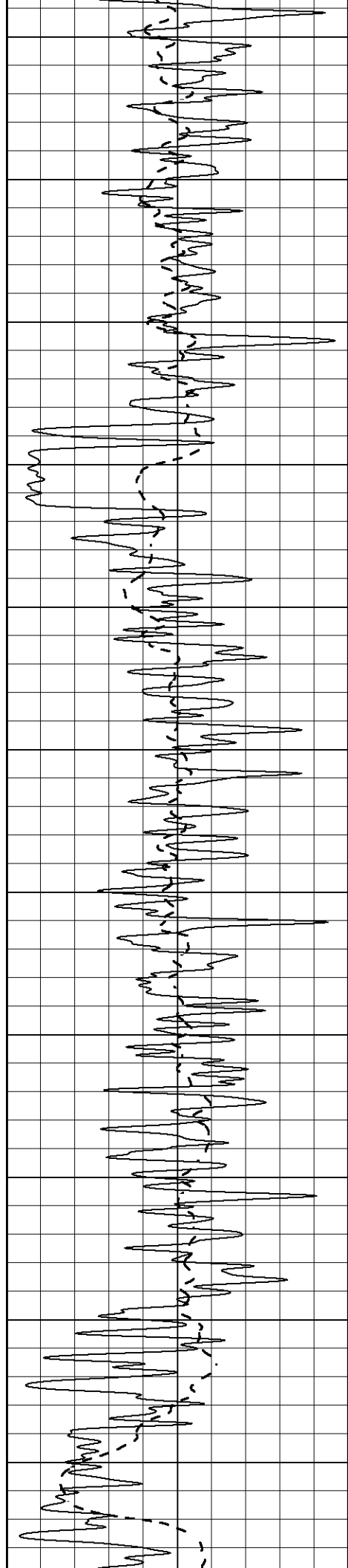
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1450

1500







2100

2150

2200

2250

2300

2350

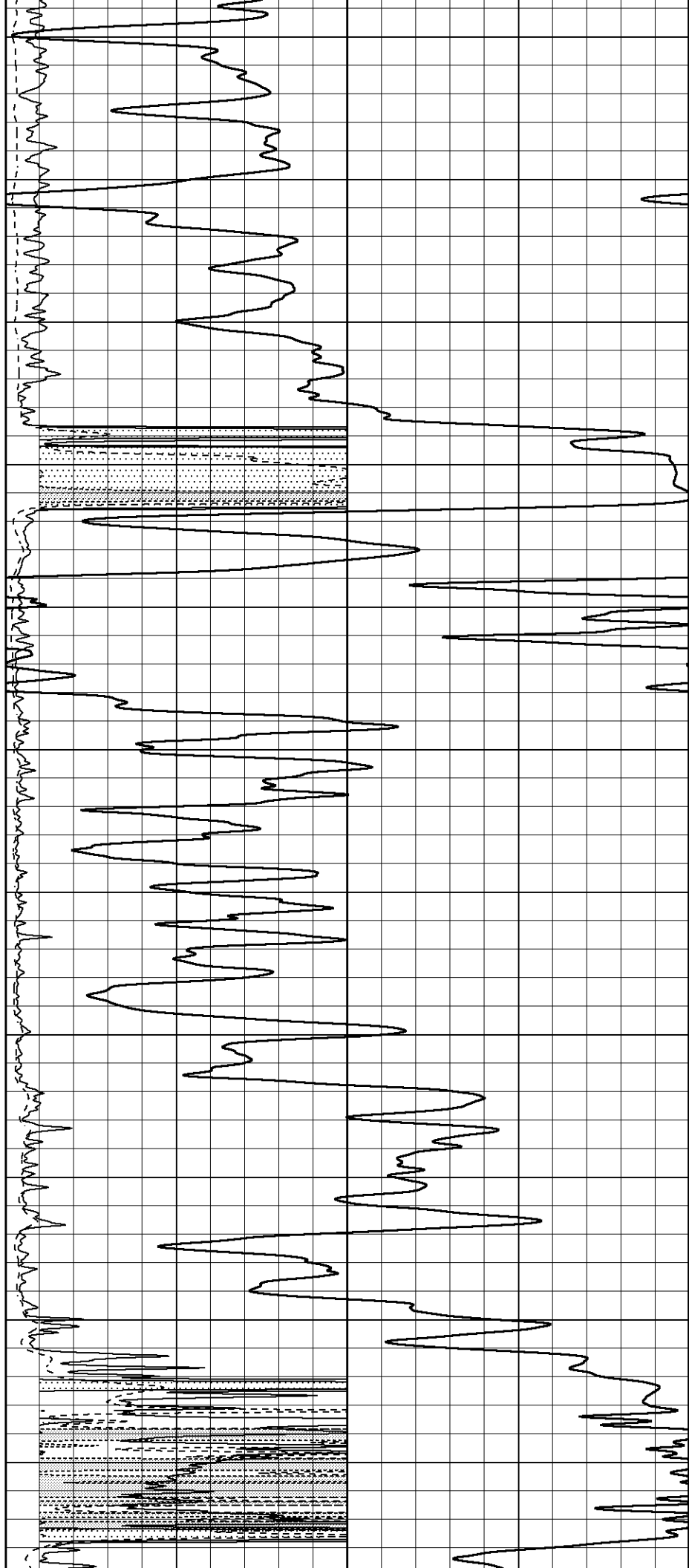
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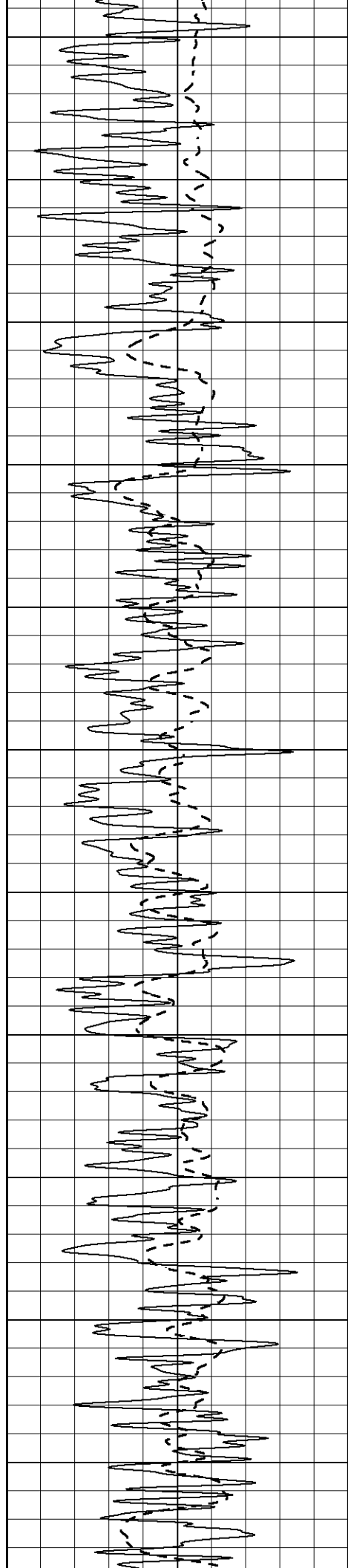
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2500

2550

2600





2650

2700

2750

2800

2850

2900

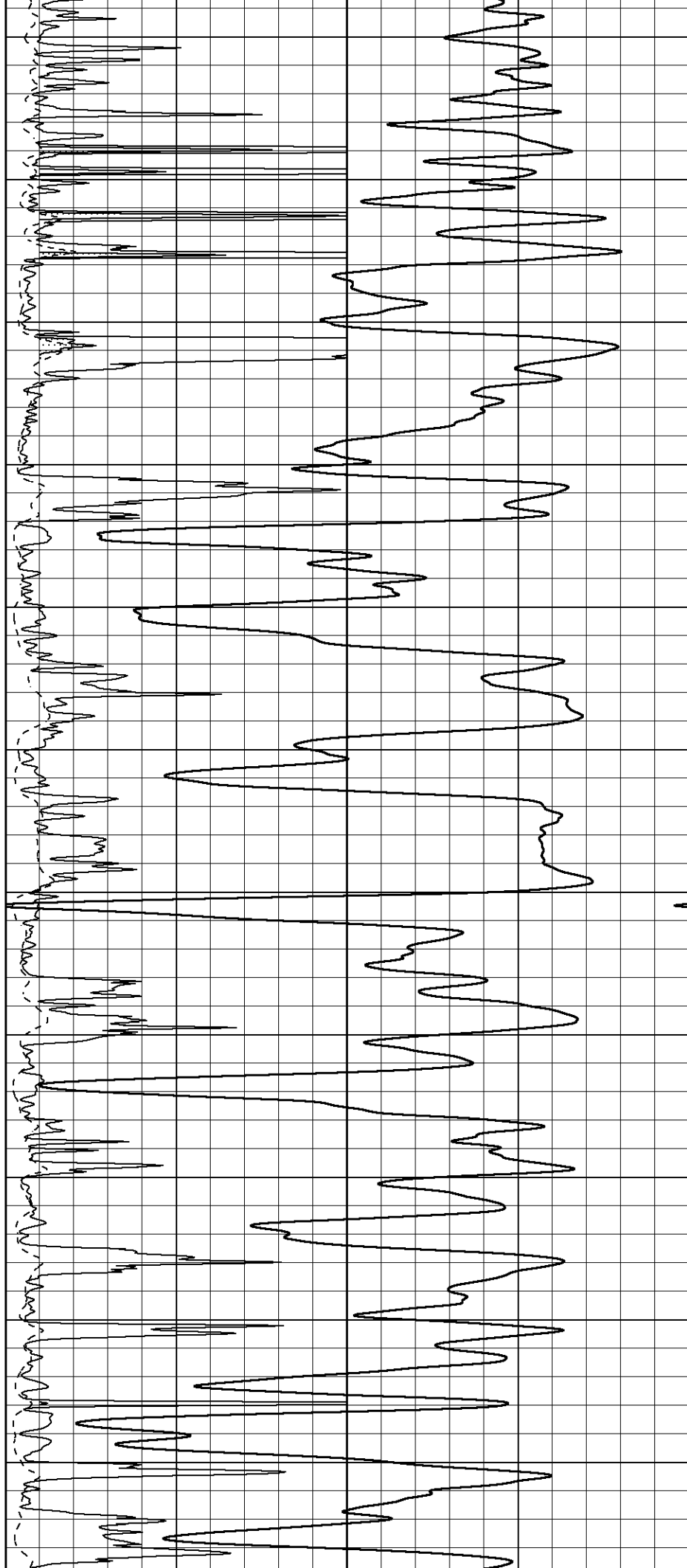
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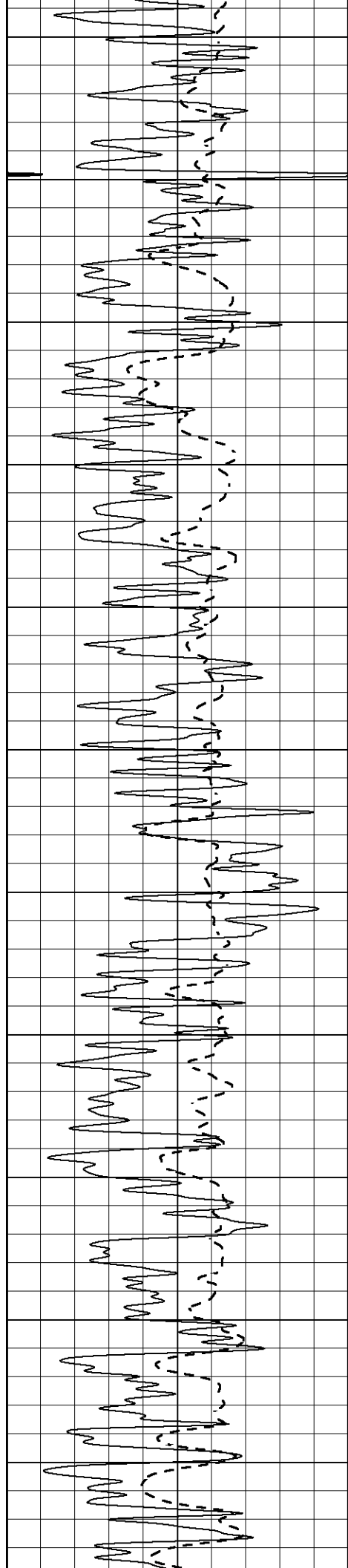
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3050

3100

3150





3200

3250

3300

3350

3400

3450

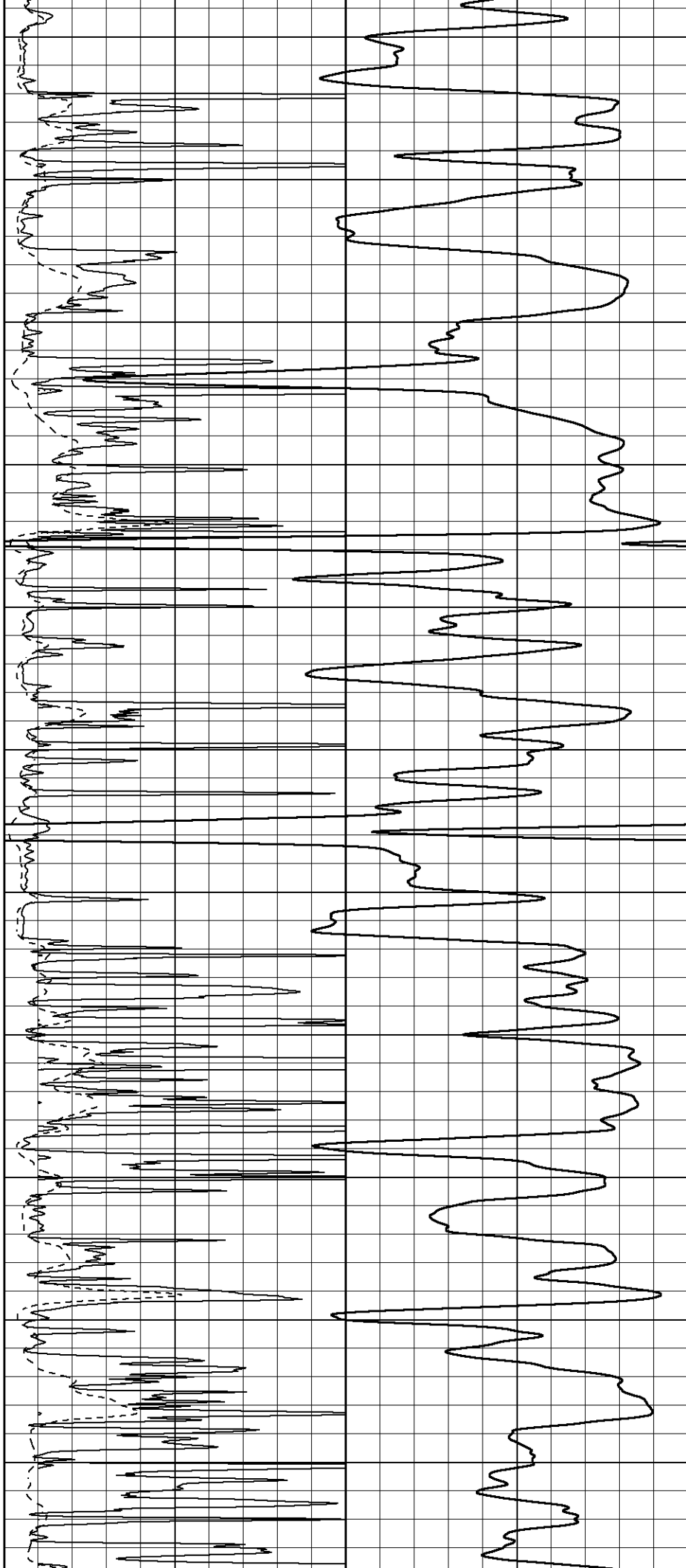
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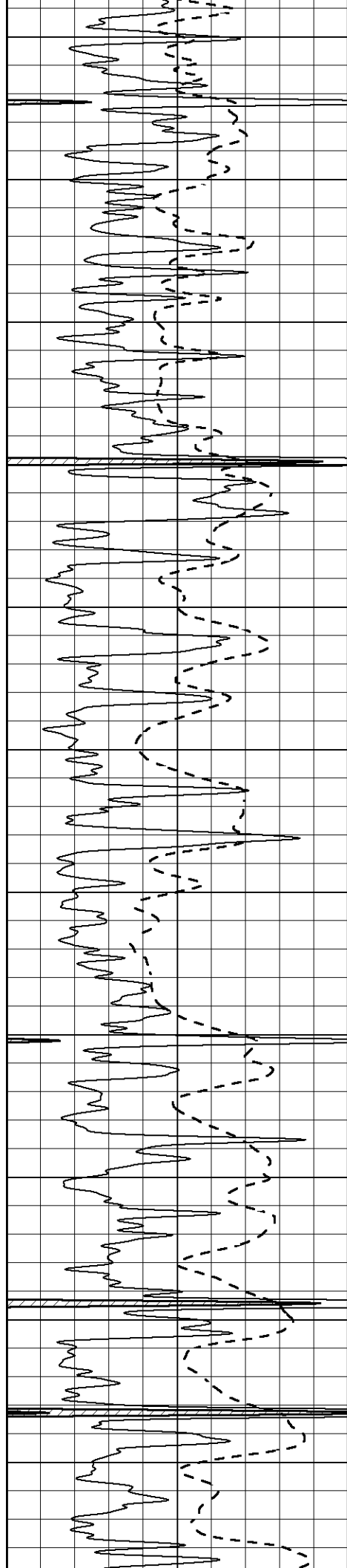
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3600

3650

3700





3750

3800

3850

3900

3950

4000

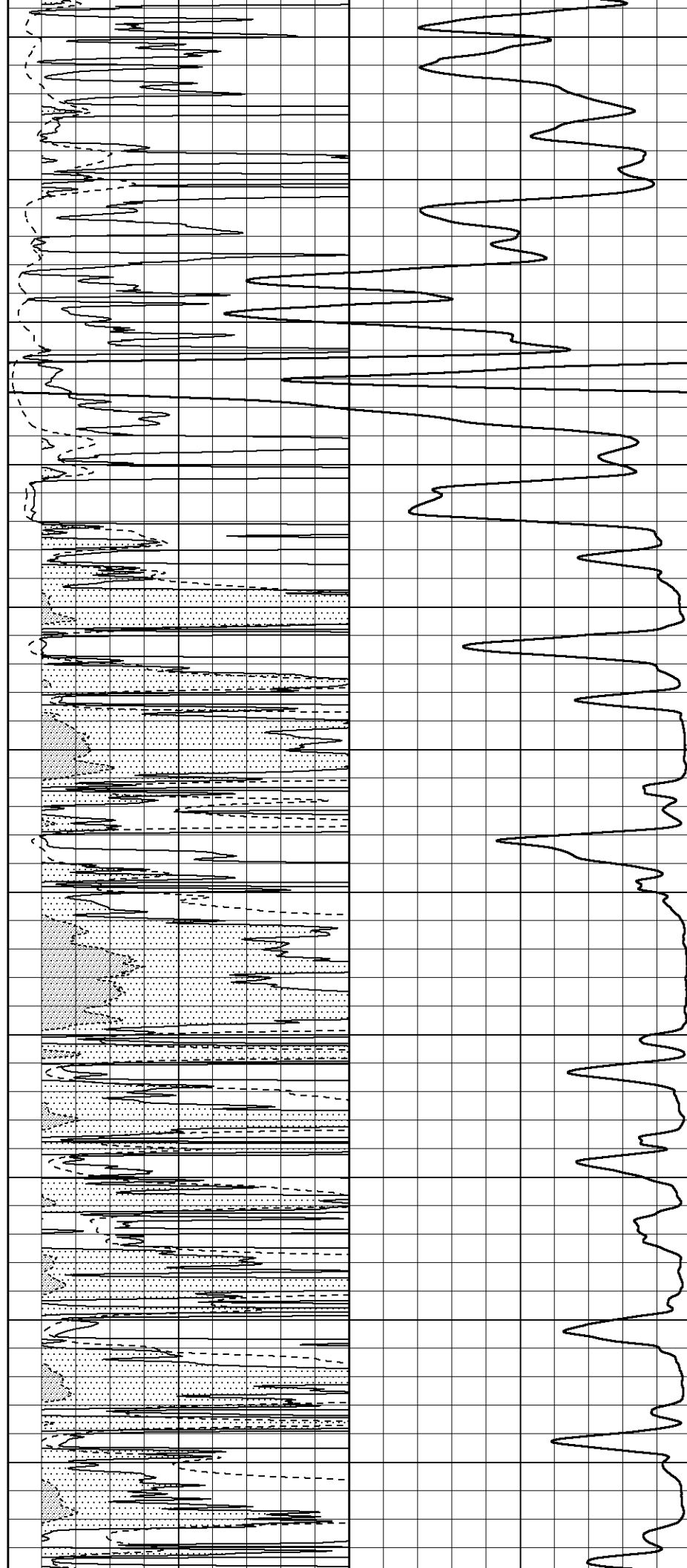
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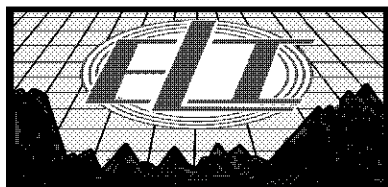
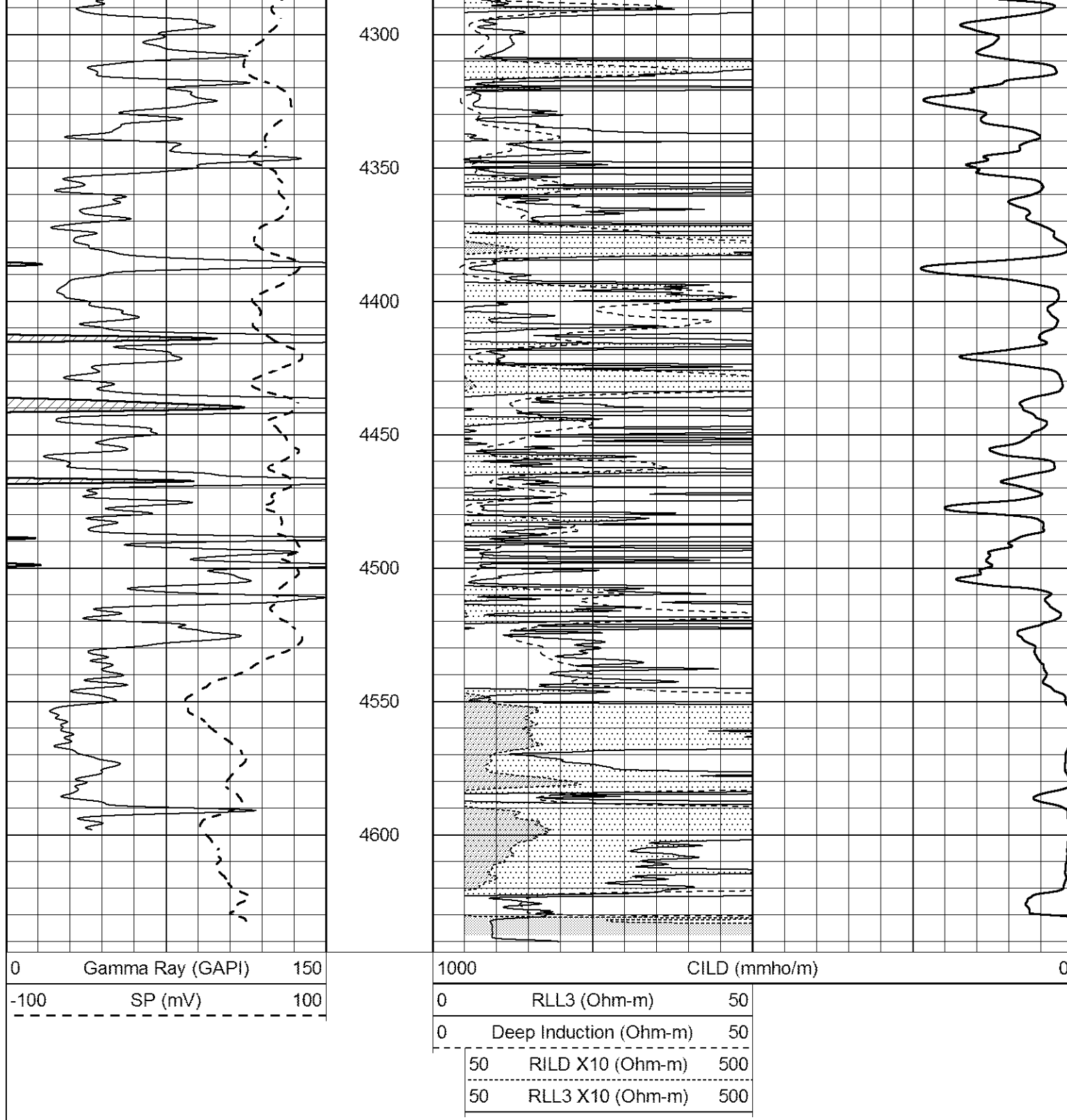
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4150

4200

4250



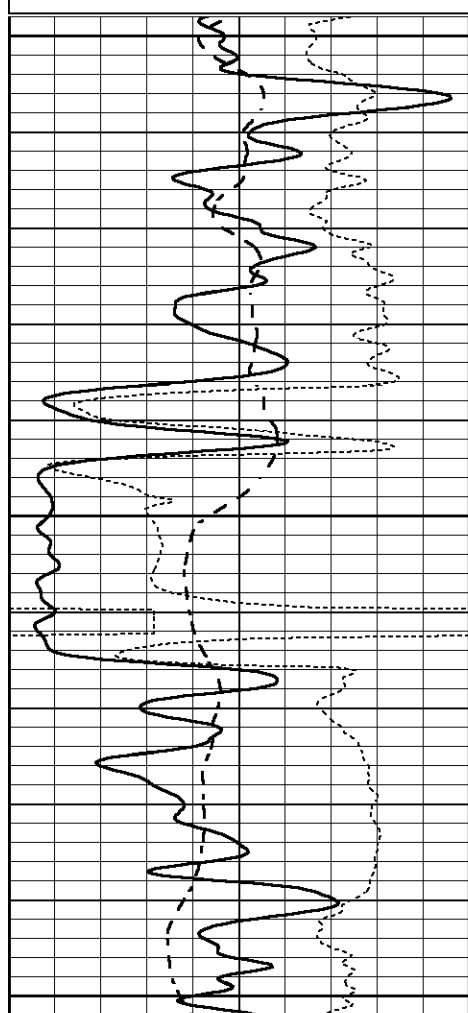


# ANHYDRITE

Database File 6399pe.db  
 Dataset Pathname pass3.1A  
 Presentation Format \_dil  
 Dataset Creation Sun May 15 12:37:06 2022  
 Charted by Depth in Feet scaled 1:240

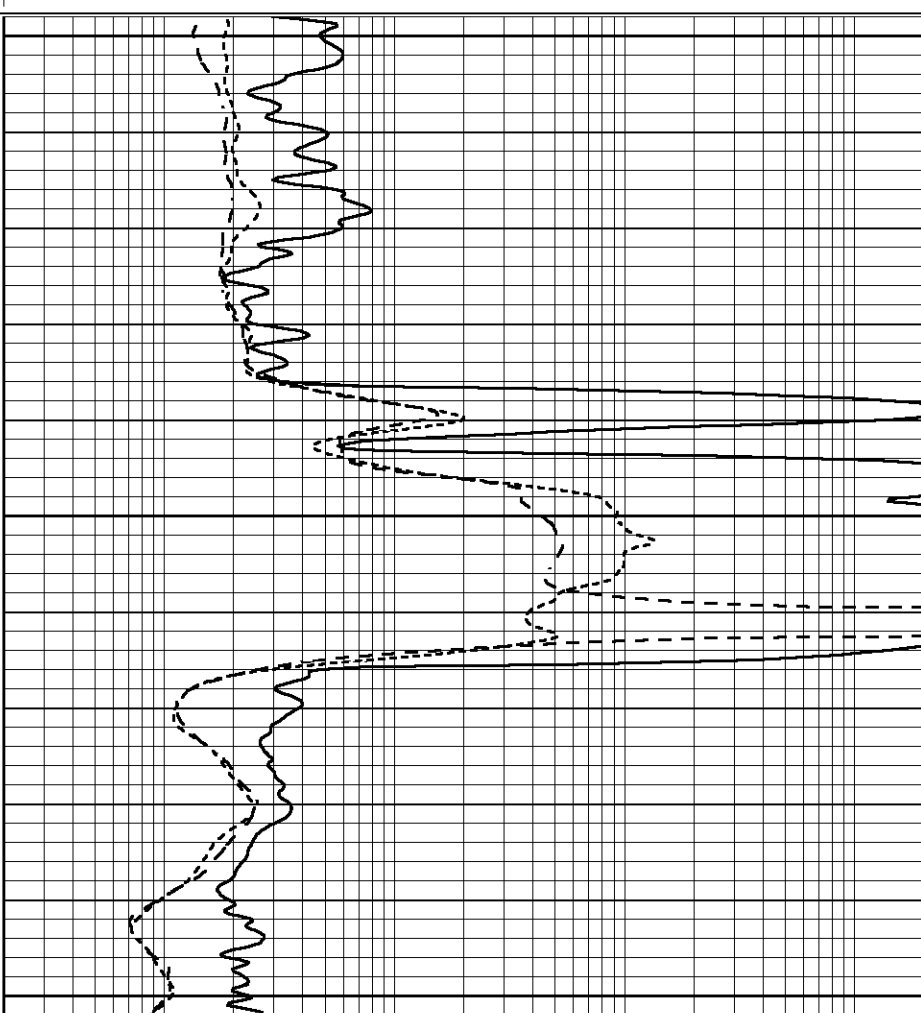
|     |                  |     |     |                          |      |
|-----|------------------|-----|-----|--------------------------|------|
| 0   | GAMMA RAY (GAPI) | 150 | 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 100 | SP (mV)          | 100 | 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |

|      |         |     |
|------|---------|-----|
| -100 | SP (mV) | 100 |
| -250 | Rxo/Rt  | 50  |



|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |

|     |                          |      |
|-----|--------------------------|------|
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |



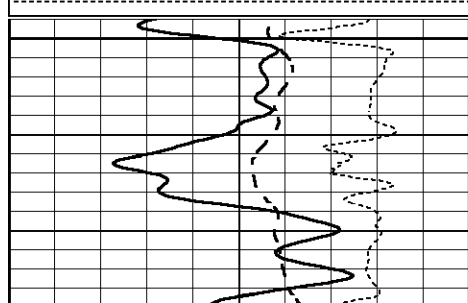
|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |



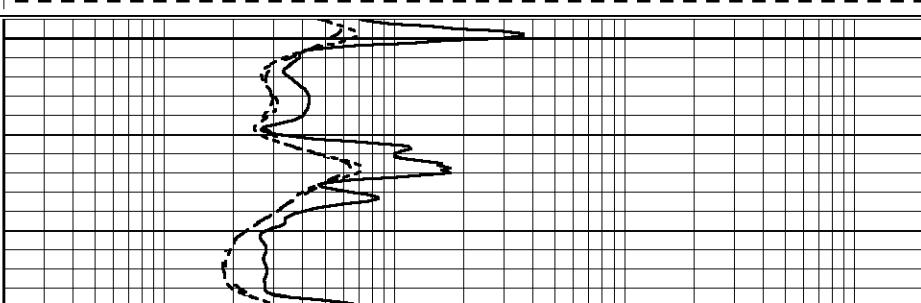
# MAIN SECTION

Database File 6399pe.db  
 Dataset Pathname pass3.1M  
 Presentation Format \_dil  
 Dataset Creation Sun May 15 12:36:44 2022  
 Charted by Depth in Feet scaled 1:240

|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |



|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |

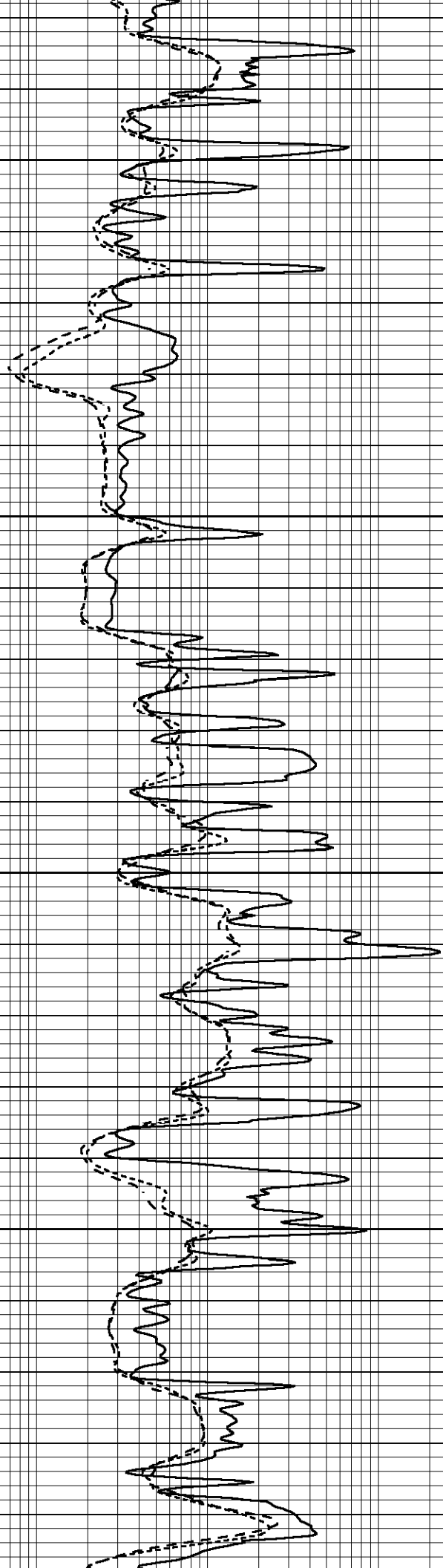
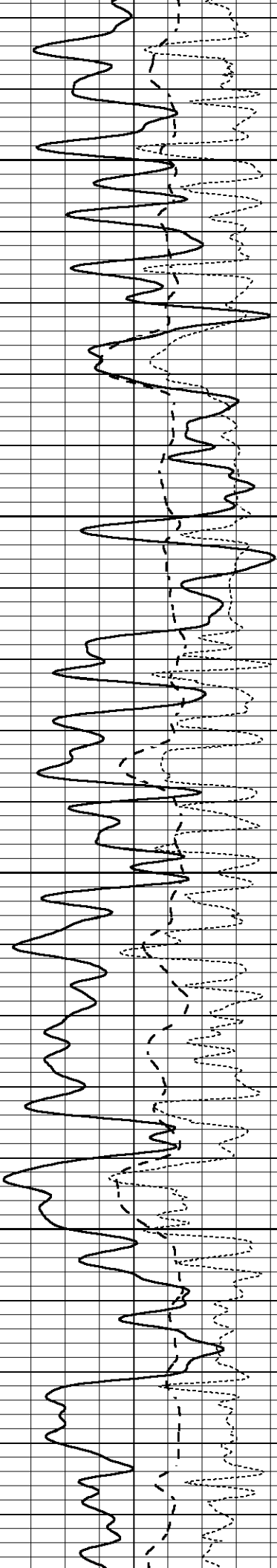


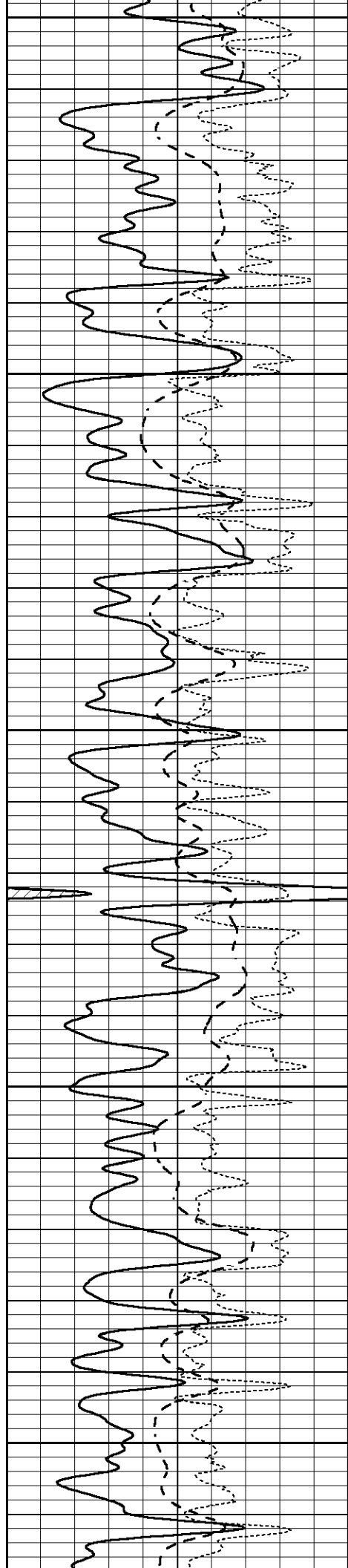
3450

3500

3550

3600





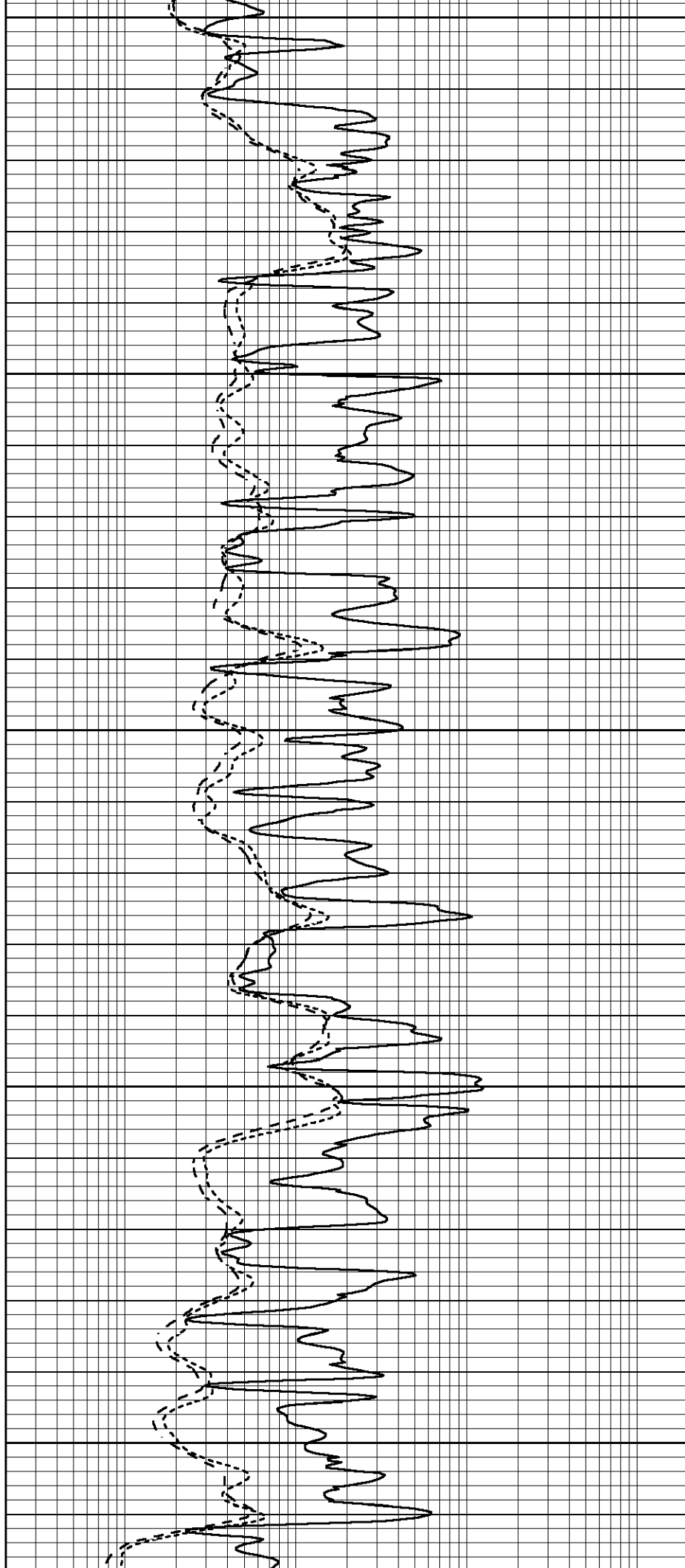
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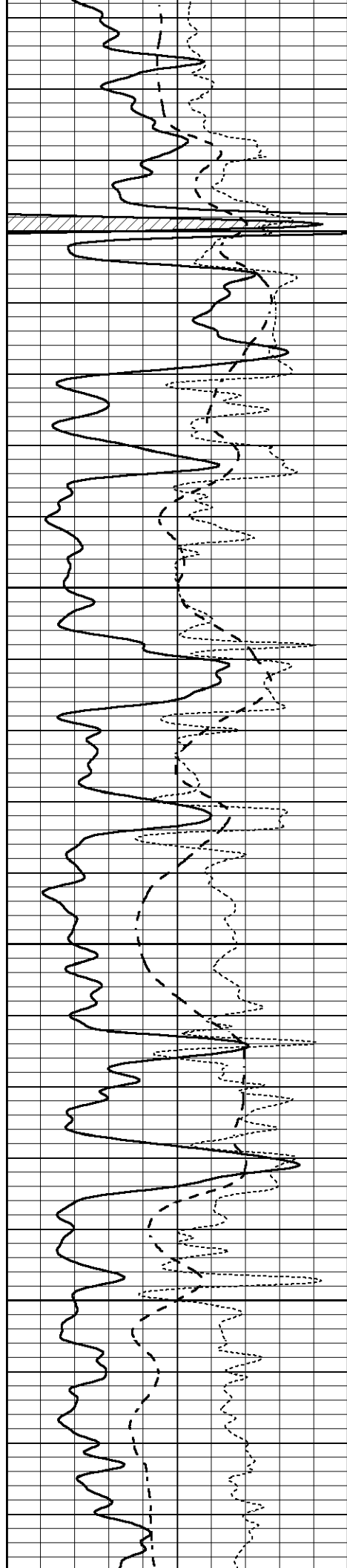
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3750

3800

3850



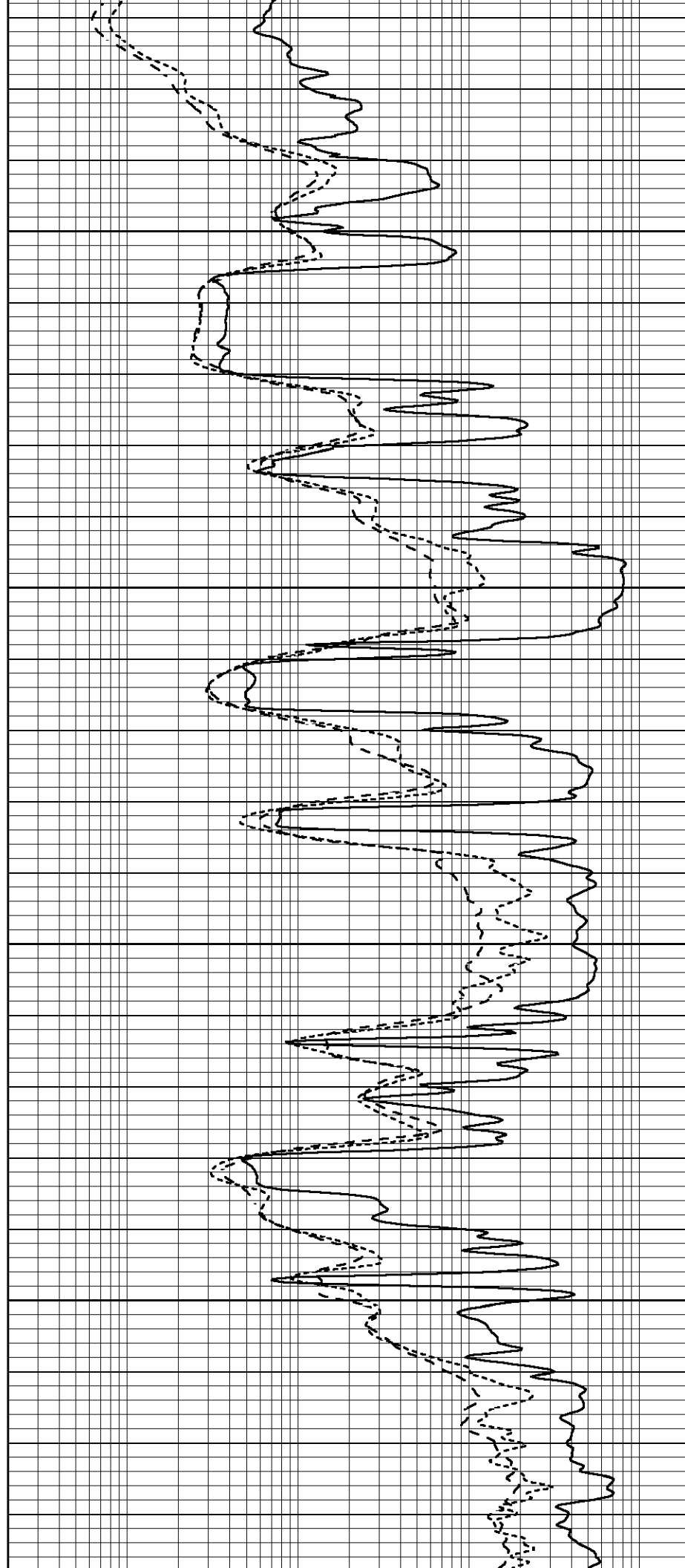


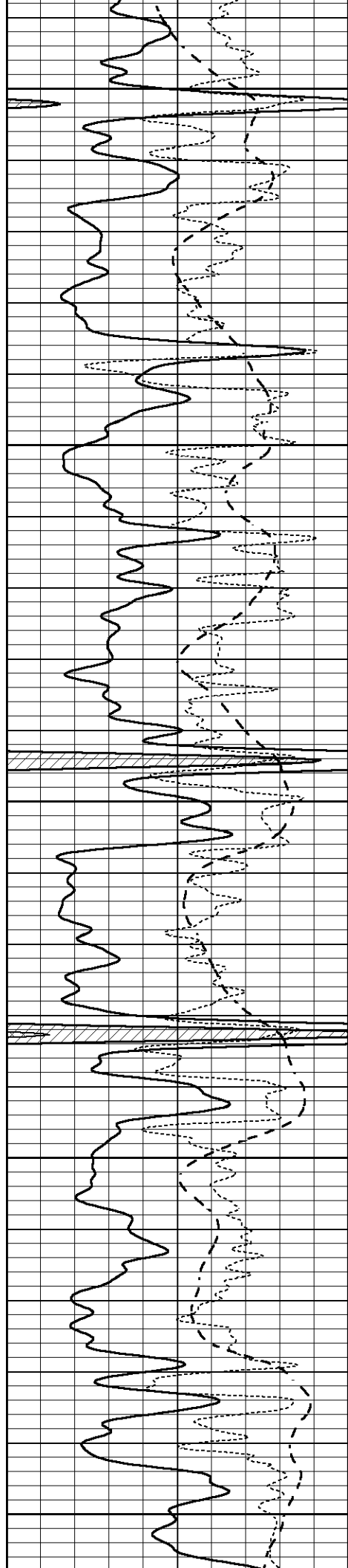
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3950

4000

4050





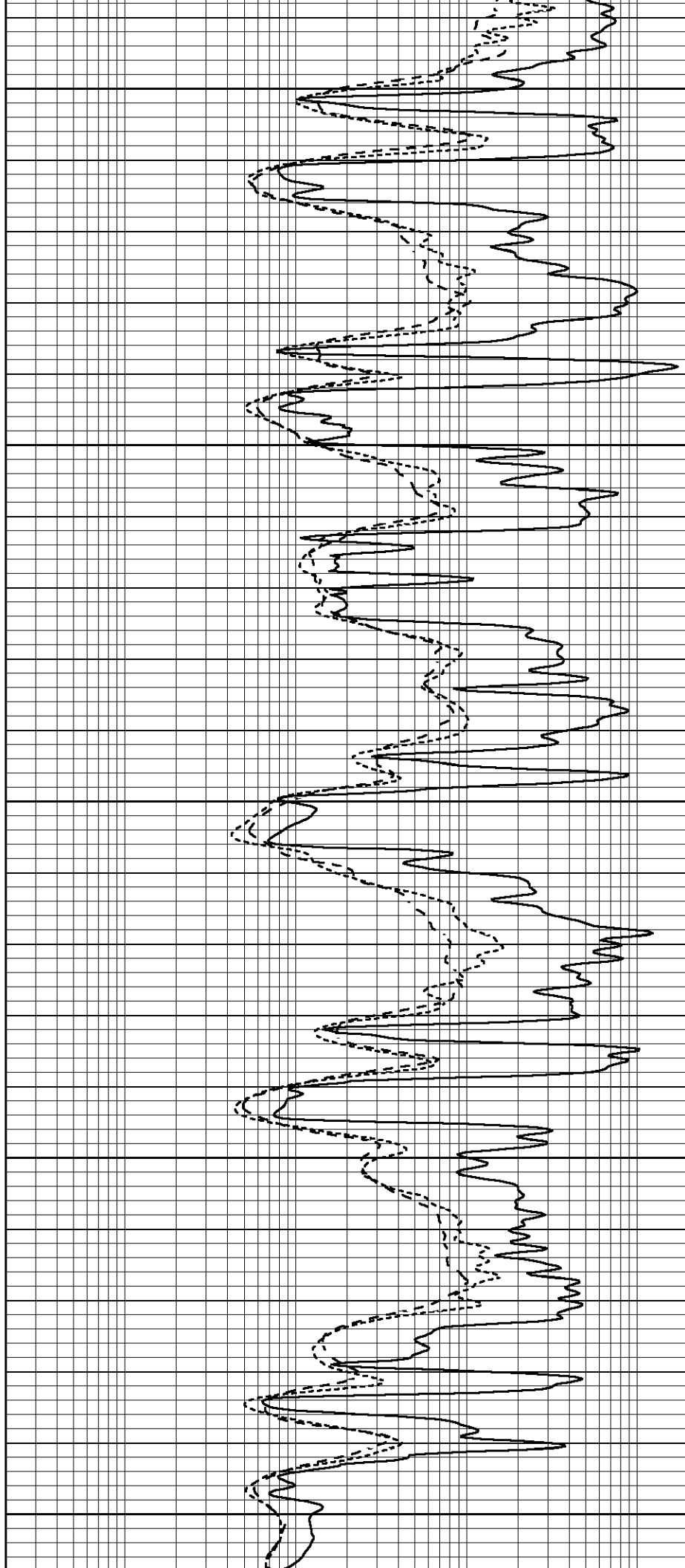
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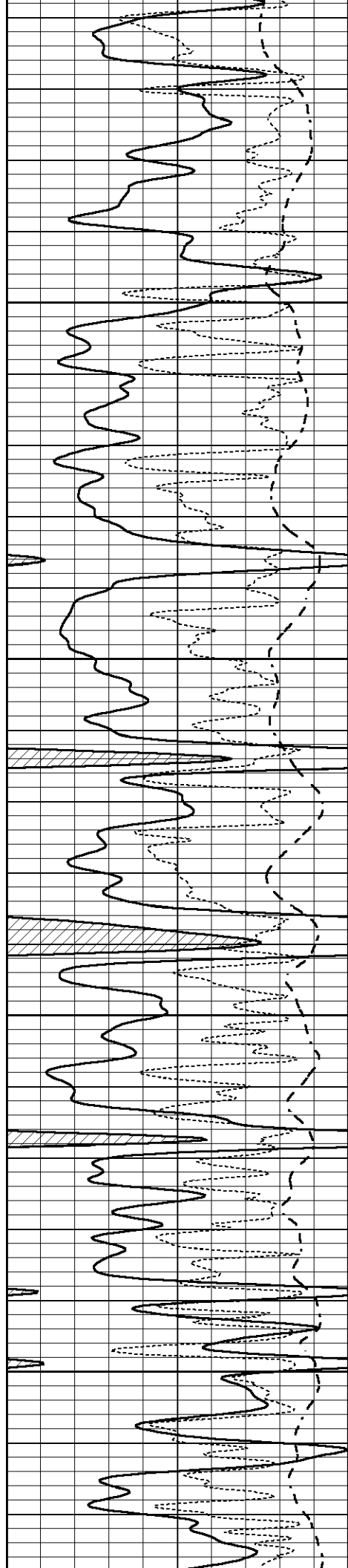
4150

4200

4250

4300



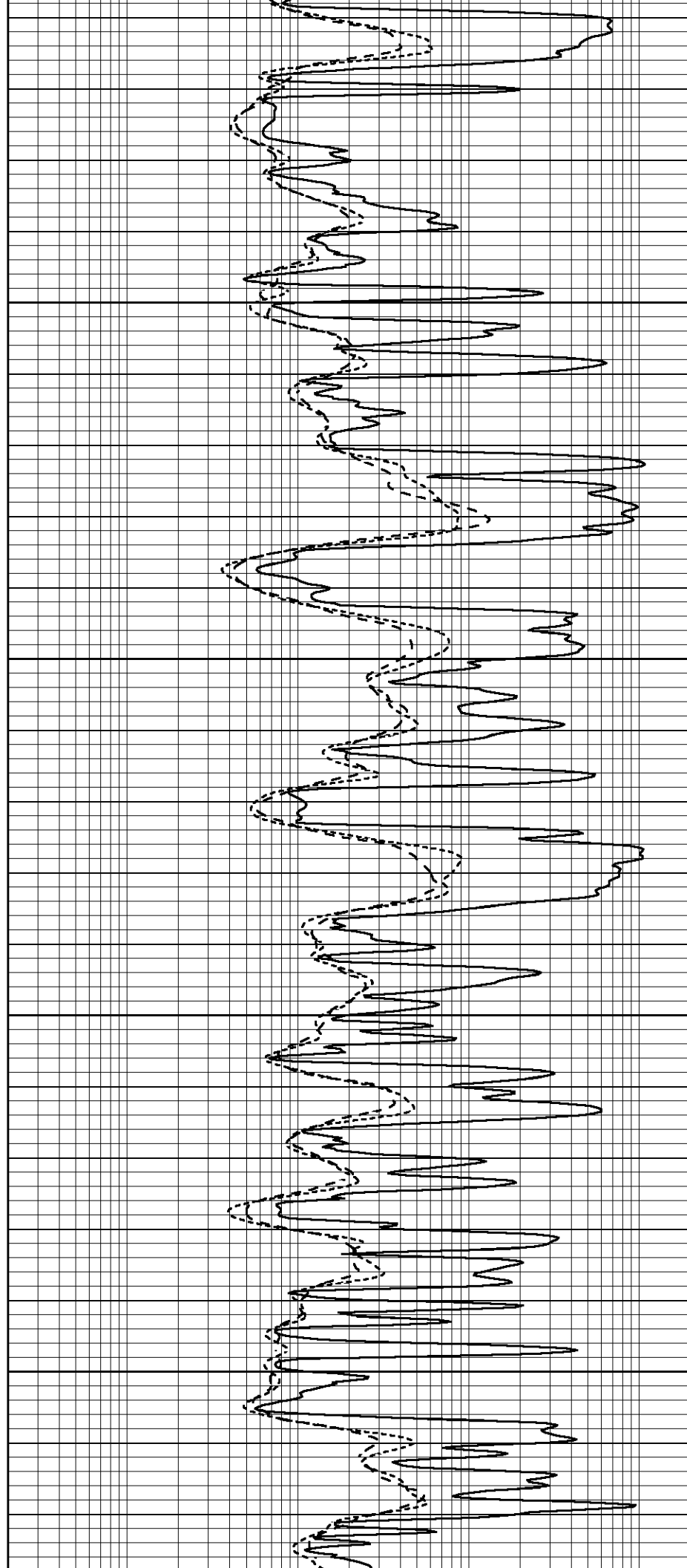


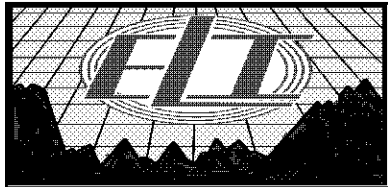
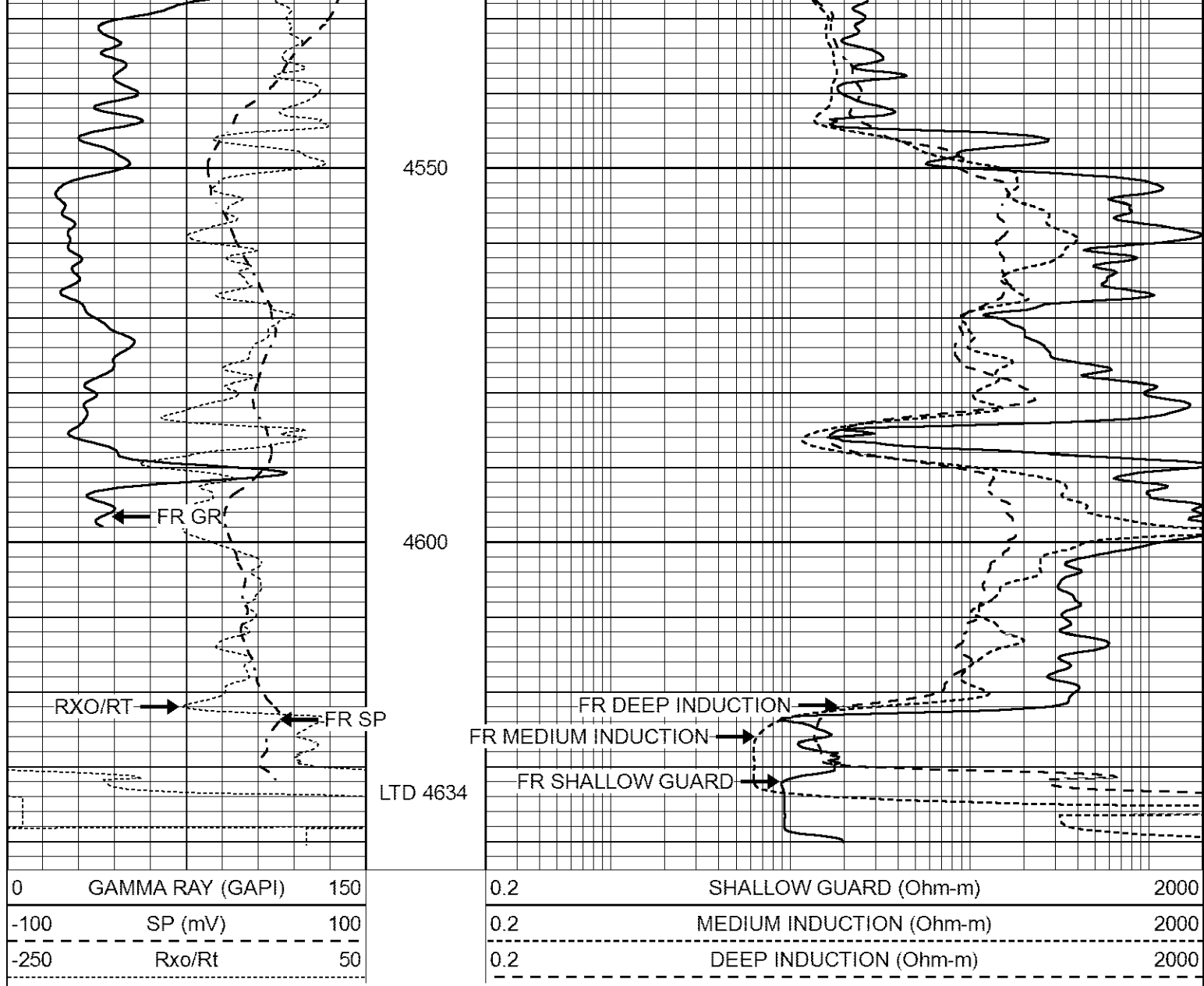
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4400

4450

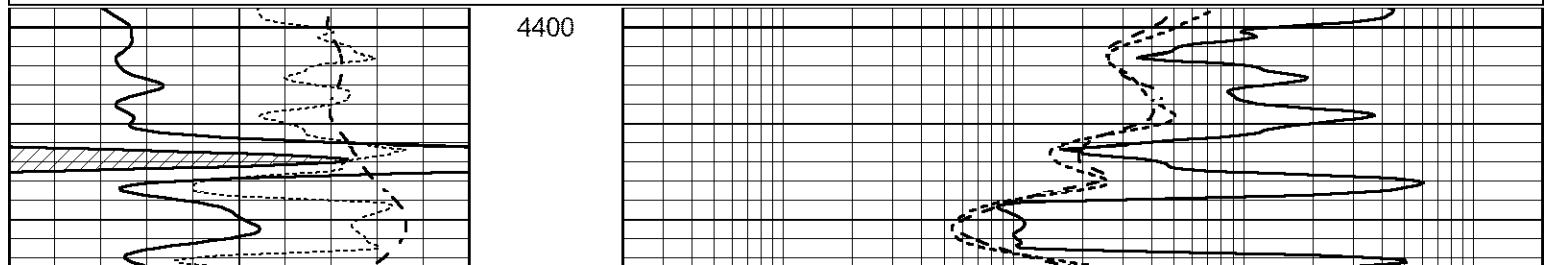
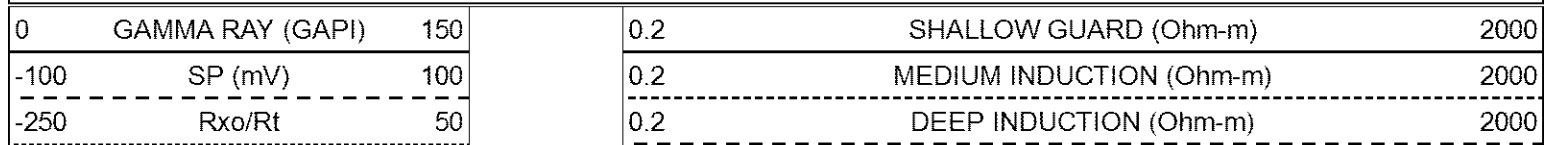
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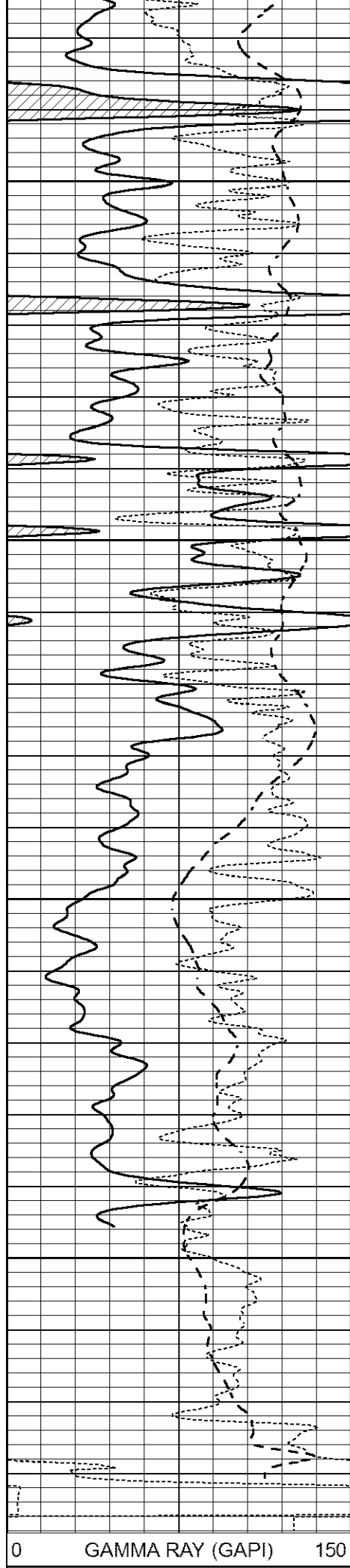




# REPEAT SECTION

Database File 6399pe.db  
 Dataset Pathname pass2.2R  
 Presentation Format \_dil  
 Dataset Creation Sun May 15 12:31:35 2022  
 Charted by Depth in Feet scaled 1:240





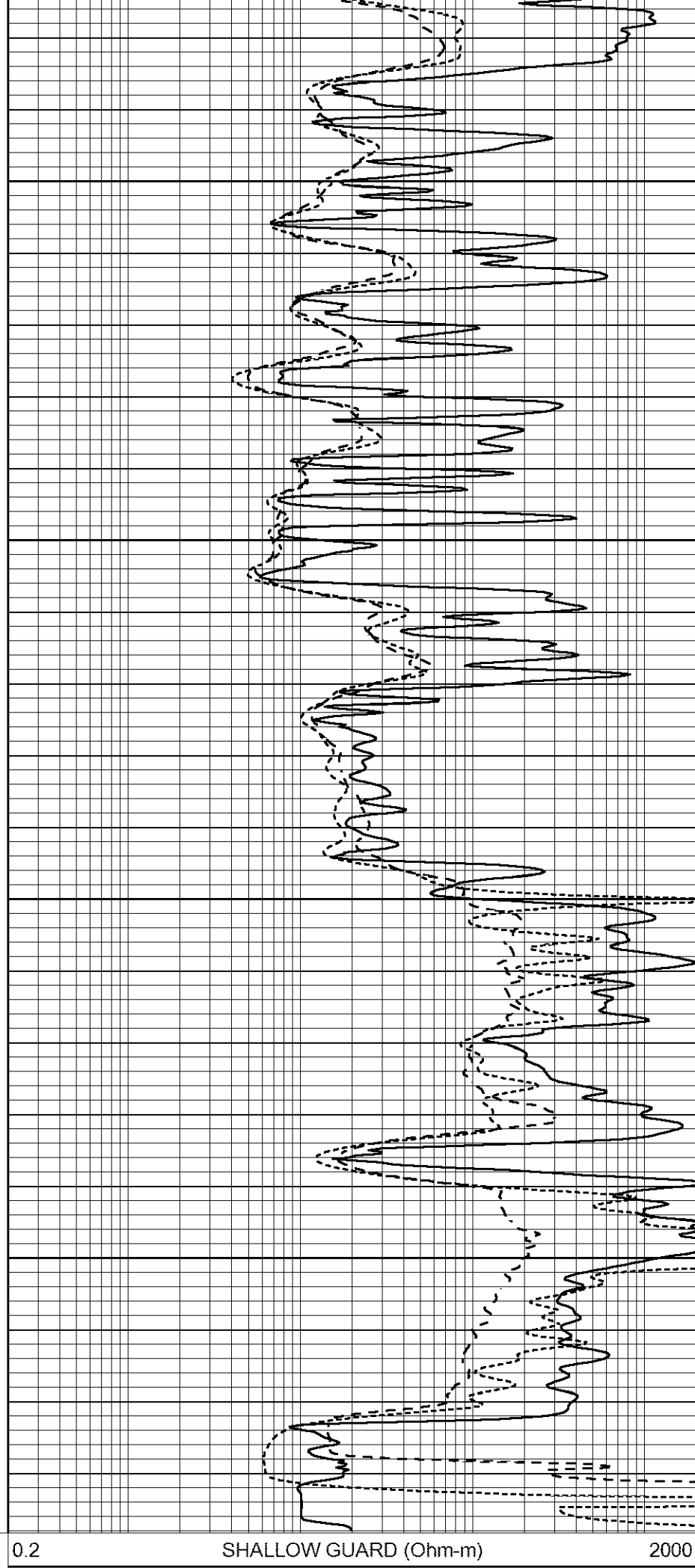
4450

4500

4550

4600

0 GAMMA RAY (GAPI) 150



0.2 SHALLOW GUARD (Ohm-m) 2000

|      |         |     |     |                          |      |
|------|---------|-----|-----|--------------------------|------|
| -100 | SP (mV) | 100 | 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |
| -250 | Rxo/Rt  | 50  | 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |

| Calibration Report |                          |
|--------------------|--------------------------|
| Database File      | 6399pe.db                |
| Dataset Pathname   | pass3.1M                 |
| Dataset Creation   | Sun May 15 12:36:44 2022 |

| Dual Induction Calibration Report |
|-----------------------------------|
|-----------------------------------|

|                                      |                          |
|--------------------------------------|--------------------------|
| Serial-Model:                        | FW1410-55-Probe          |
| Surface Cal Performed:               | Sat May 14 06:55:38 2022 |
| Downhole Cal Performed:              | Tue Feb 19 11:44:24 2019 |
| After Survey Verification Performed: | Tue Feb 19 11:44:27 2019 |

| Surface Calibration |        | Readings |   | References |         |        | Results |        |
|---------------------|--------|----------|---|------------|---------|--------|---------|--------|
| Loop:               | Air    | Loop     |   | Air        | Loop    |        | m       | b      |
| Deep                | 0.011  | 0.656    | V | 1.000      | 400.000 | mmho/m | 650.000 | -2.000 |
| Medium              | -0.000 | 0.731    | V | 1.000      | 464.000 | mmho/m | 632.856 | -4.000 |
| Internal:           | Zero   | Cal      |   | Zero       | Cal     |        | m       | b      |
| Deep                | 0.007  | 0.649    | V | 0.000      | 400.000 | mmho/m | 623.784 | -4.595 |
| Medium              | 0.004  | 0.743    | V | 0.000      | 464.000 | mmho/m | 627.284 | -2.251 |

| Downhole Calibration |        | Readings |        | References |          |        | Results |        |
|----------------------|--------|----------|--------|------------|----------|--------|---------|--------|
|                      | Zero   | Cal      |        | Zero       | Cal      |        | m'      | b'     |
| Deep                 | -0.824 | 395.917  | mmho/m | -0.976     | 397.550  | mmho/m | 1.004   | -0.149 |
| Medium               | 3.565  | 471.327  | mmho/m | 3.468      | 471.590  | mmho/m | 1.001   | -0.099 |
| LL3                  |        | 7.503    | V      |            | 1500.000 | Ohm-m  |         |        |
|                      |        | 0.001    | V      |            | 20.000   | Ohm-m  |         |        |
|                      |        | -7.481   | V      |            | 3745.000 | mmho-m |         |        |

| After Survey Verification |       | Readings |        | Targets |          |        | Results |       |
|---------------------------|-------|----------|--------|---------|----------|--------|---------|-------|
|                           | Zero  | Cal      |        | Zero    | Cal      |        | m'      | b'    |
| Deep                      | 0.000 | 0.000    | mmho/m | -0.824  | 395.917  | mmho/m | 1.000   | 0.000 |
| Medium                    | 0.000 | 0.000    | mmho/m | 3.565   | 471.327  | 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              | cps     |
| Window 2           | 1239.4     | 36488.4                            | 9270.1   | 7998.9              | cps     |
| 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/Grain Ratio | : 0.575 |

|                            |        |             |                                    |                     |         |
|----------------------------|--------|-------------|------------------------------------|---------------------|---------|
| Rib Angle                  | : 43.1 | 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:          | Sun May 15 10:15:38 2022 |          |
| Calibrator Value:   | 1.0                      | GAPI     |
| Background Reading: | 0.0                      | cps      |
| Calibrator Reading: | 1.0                      | cps      |
| Sensitivity:        | 0.5000                   | GAPI/cps |