

## DUAL INDUCTION LOG

|                              |                 |                        |                             |                                     |
|------------------------------|-----------------|------------------------|-----------------------------|-------------------------------------|
| Company                      | RJM OIL COMPANY | Location:              | API # : 15-167-24128-0000   | Other Services<br>CDL/CNL<br>MEL    |
| Well                         | HENRY J #2      | Permanent Datum        | GROUND LEVEL Elevation 1861 | Elevation                           |
| Field                        | DRISCOLL        | Log Measured From      | KELLY BUSHING 10' A.G.L     | K.B. 1871<br>D.F. 1869<br>G.L. 1861 |
| County                       | RUSSELL         | Drilling Measured From | KELLY BUSHING               |                                     |
| State                        | KANSAS          |                        |                             |                                     |
| Date                         | 9/8/22          |                        |                             |                                     |
| Run Number                   | ONE             |                        |                             |                                     |
| Depth Driller                | 3565            |                        |                             |                                     |
| Depth Logger                 | 3567            |                        |                             |                                     |
| Bottom Logged Interval       | 3565            |                        |                             |                                     |
| Top Log Interval             | 00              |                        |                             |                                     |
| Casing Driller               | 8 5/8" @ 733    |                        |                             |                                     |
| Casing Logger                | 733             |                        |                             |                                     |
| Bit Size                     | 7 7/8           |                        |                             |                                     |
| Type Fluid in Hole           | CHEMICAL MUD    | CHLORIDES 6,000 PPM    |                             |                                     |
| Density / Viscosity          | 9.5/51          |                        |                             |                                     |
| pH / Fluid Loss              | 9.0/8.8         |                        |                             |                                     |
| Source of Sample             | FLOWLINE        |                        |                             |                                     |
| Rm @ Meas. Temp              | 1.10 @ 80F      |                        |                             |                                     |
| Rmf @ Meas. Temp             | .825 @ 80F      |                        |                             |                                     |
| Rmc @ Meas. Temp             | 1.32 @ 80F      |                        |                             |                                     |
| Source of Rmf / Rmc          | MEASUREMENT     |                        |                             |                                     |
| Rm @ BHT                     | .779 @ 113F     |                        |                             |                                     |
| Time Circulation Stopped     | 2 HOURS         |                        |                             |                                     |
| Time Logger on Bottom        | 5:00 A.M.       |                        |                             |                                     |
| Maximum Recorded Temperature | 113F            |                        |                             |                                     |
| Equipment Number             | 3802            |                        |                             |                                     |
| Location                     | HAYS, KANSAS    |                        |                             |                                     |
| Recorded By                  | COLE ROBEN      |                        |                             |                                     |
| Witnessed By                 | STEVE MURPHY    |                        |                             |                                     |

<<< Fold Here >>>

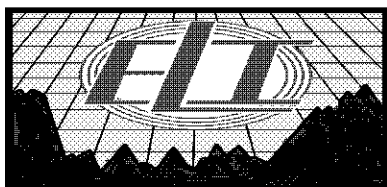
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

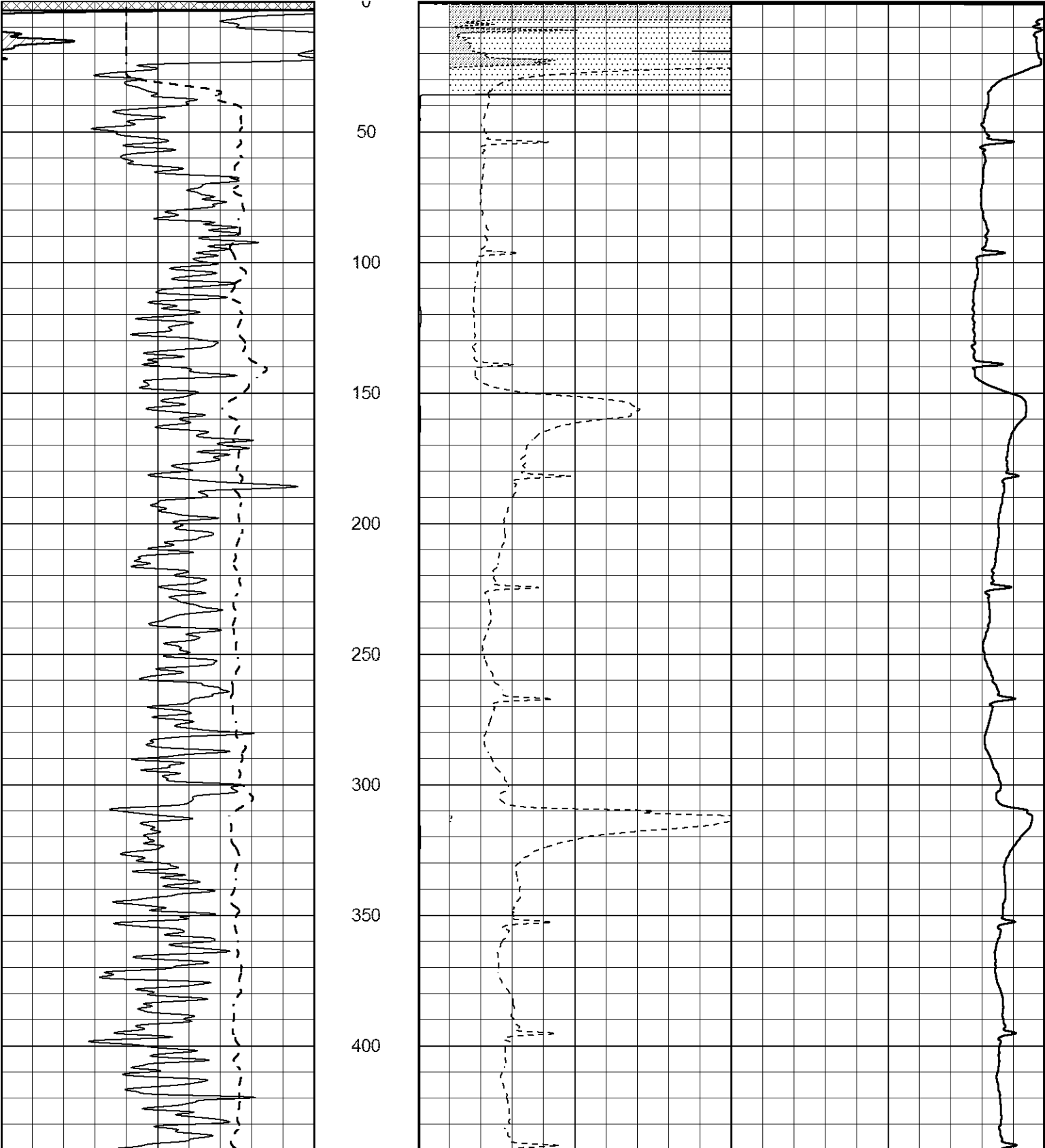
DUBUQUE CHURCH, KS, 3/4 MILE EAST, NORTH INTO BY TANK BATTERIES,  
FOLLOW LEASE ROAD

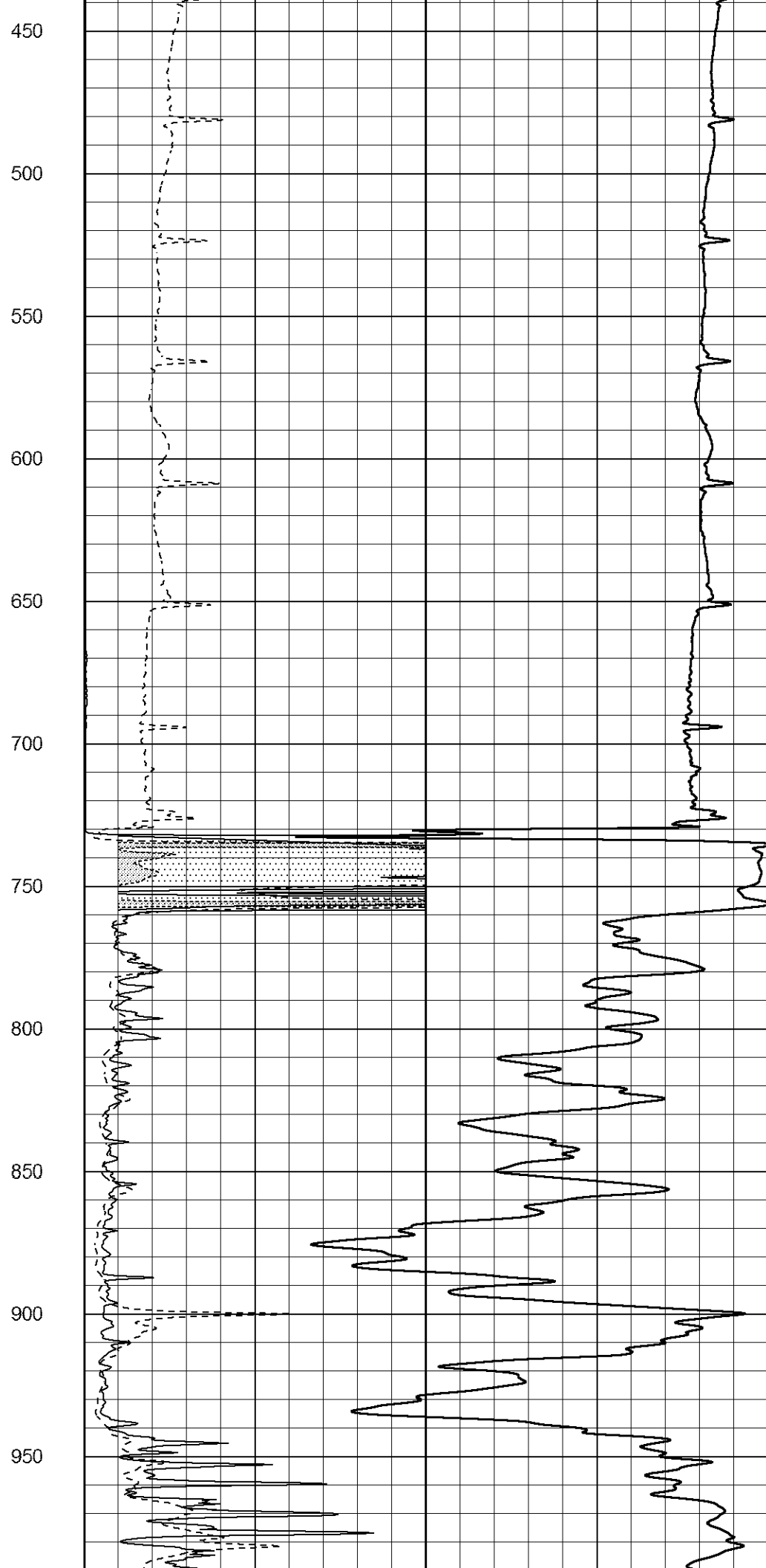
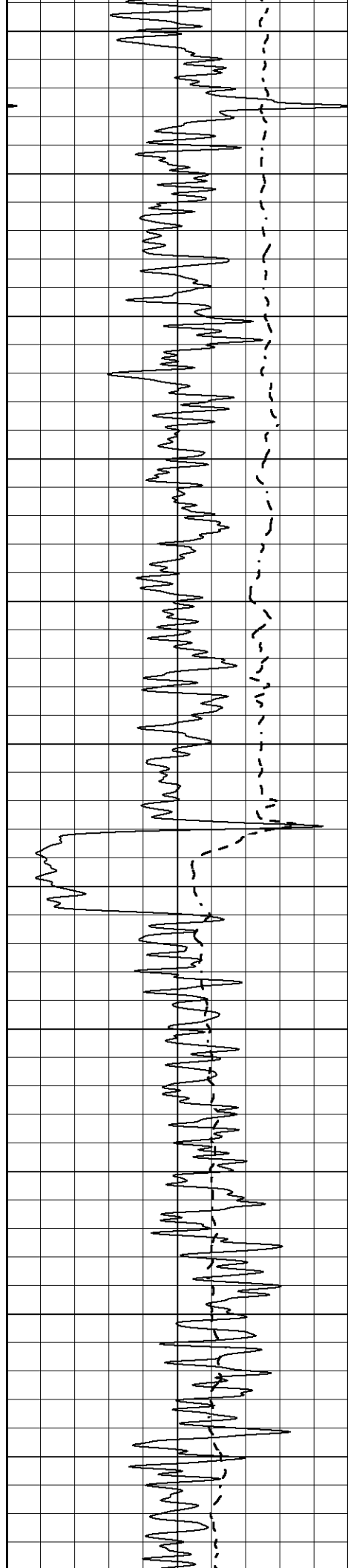


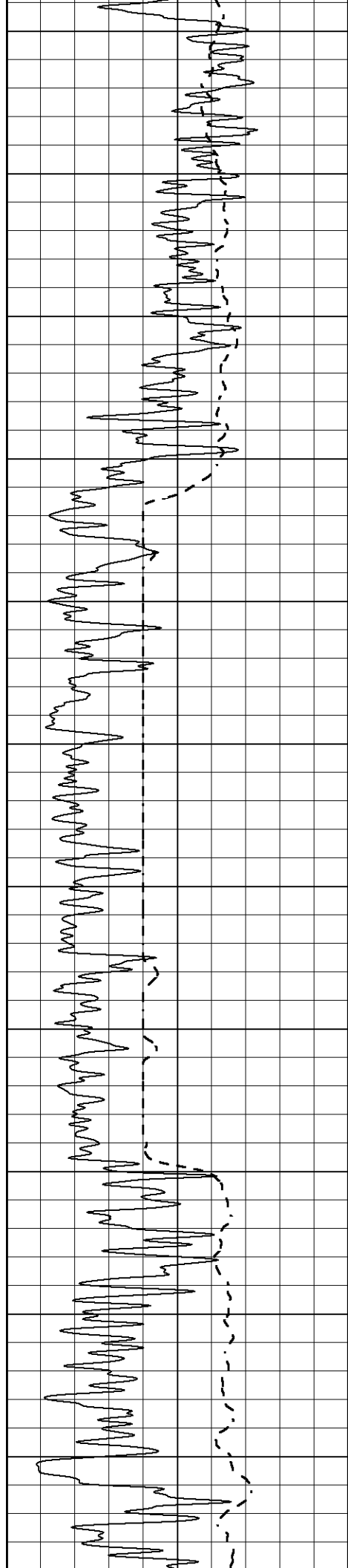
## MAIN SECTION

|                     |                            |
|---------------------|----------------------------|
| Database File       | 7011ddn.db                 |
| Dataset Pathname    | pass3M                     |
| Presentation Format | _dil2                      |
| Dataset Creation    | Thu Sep 08 06:43:50 2022   |
| Charted by          | Depth in Feet scaled 1:600 |

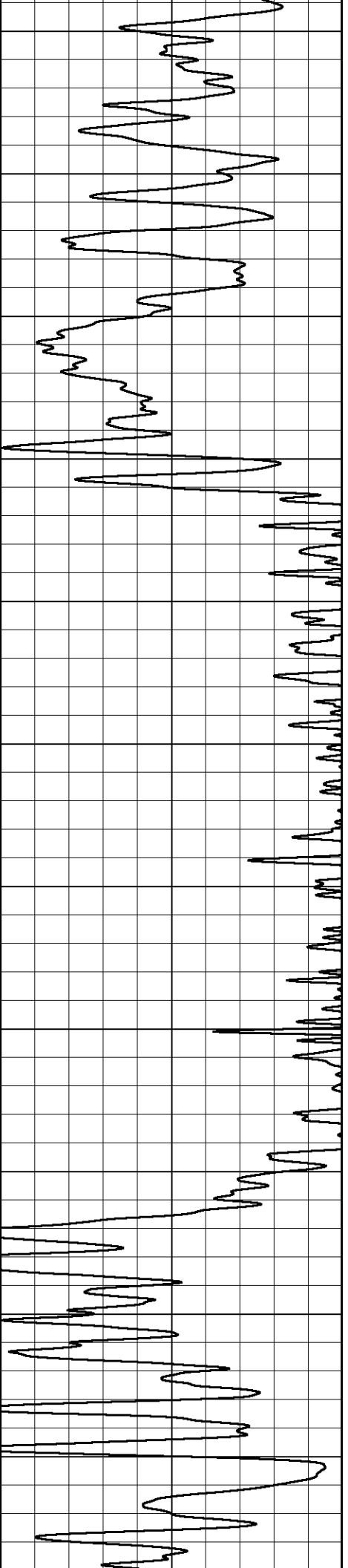
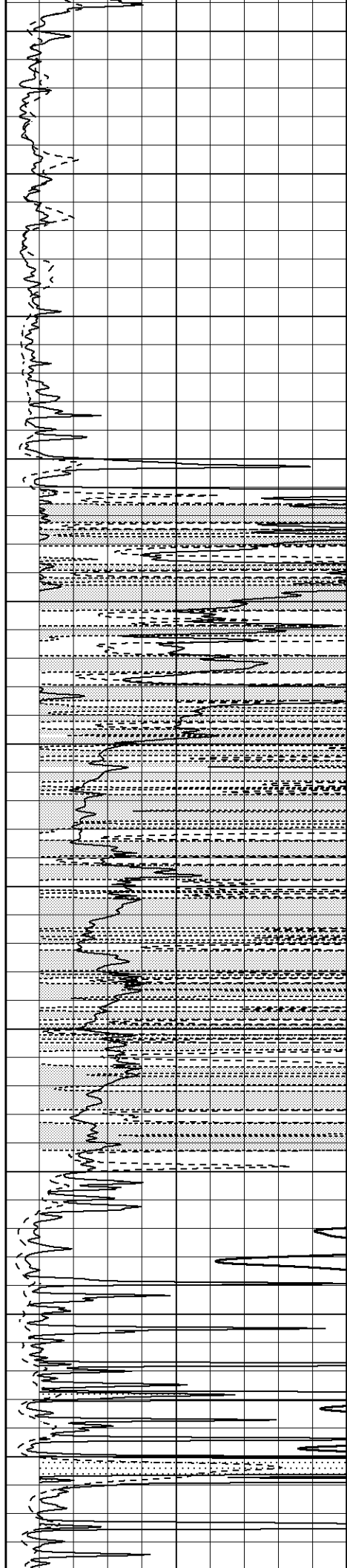
|       |                  |     |       |                        |     |
|-------|------------------|-----|-------|------------------------|-----|
| 0     | Gamma Ray (GAPI) | 150 | 1000  | CILD (mmho/m)          | 0   |
| -100  | SP (mV)          | 100 | 0     | RLL3 (Ohm-m)           | 50  |
| -----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







1000  
1050  
1100  
1150  
1200  
1250  
1300  
1350  
1400  
1450  
1500



1550

1600

1650

1700

1750

1800

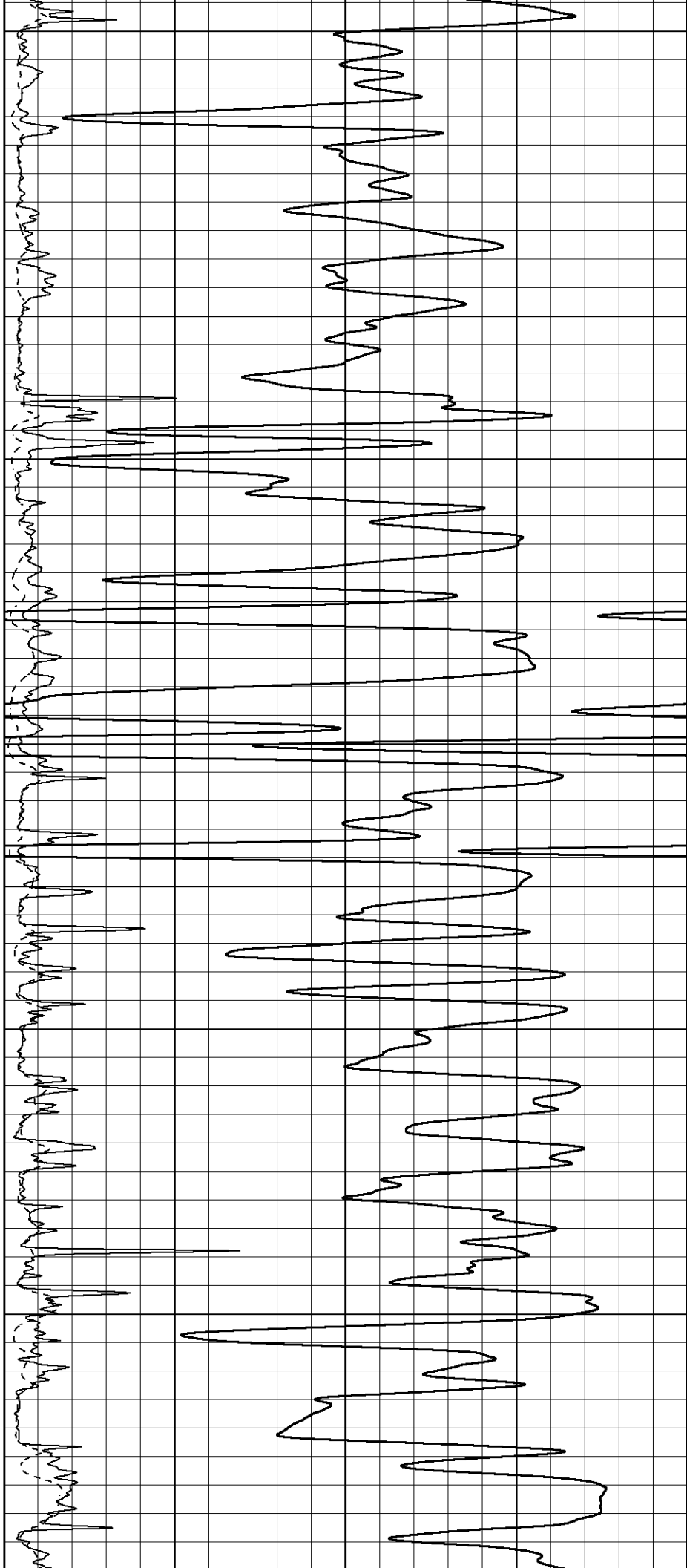
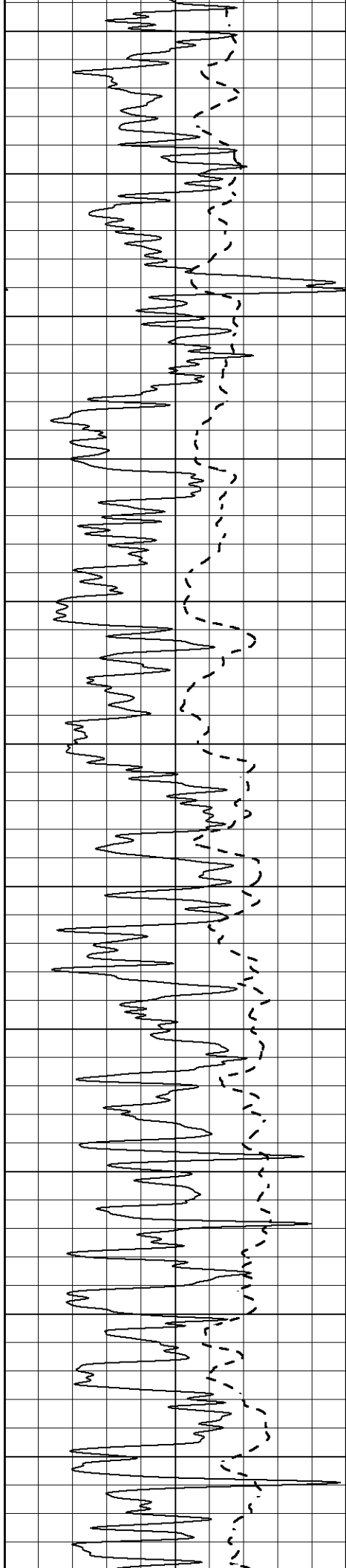
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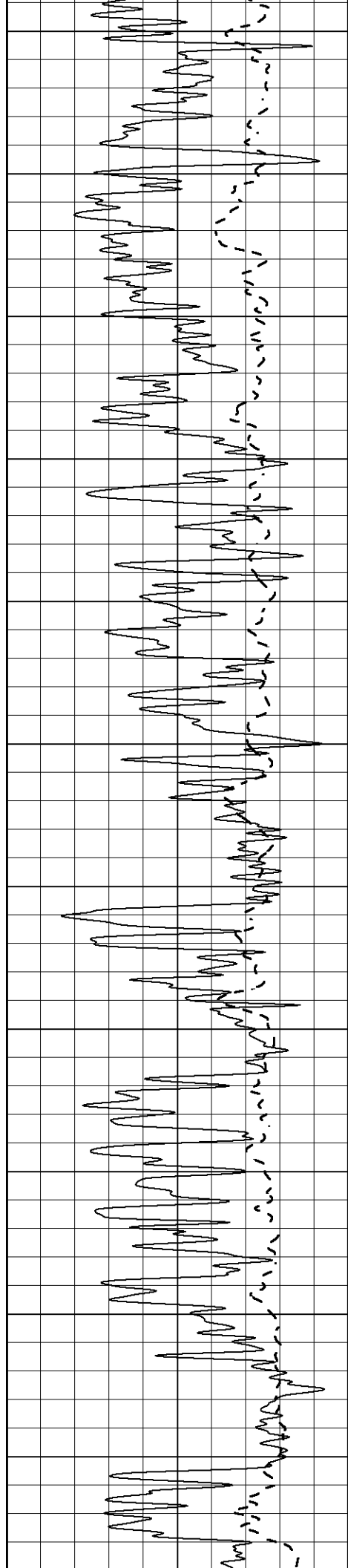
1900

1950

2000

2050





2100

2150

2200

2250

2300

2350

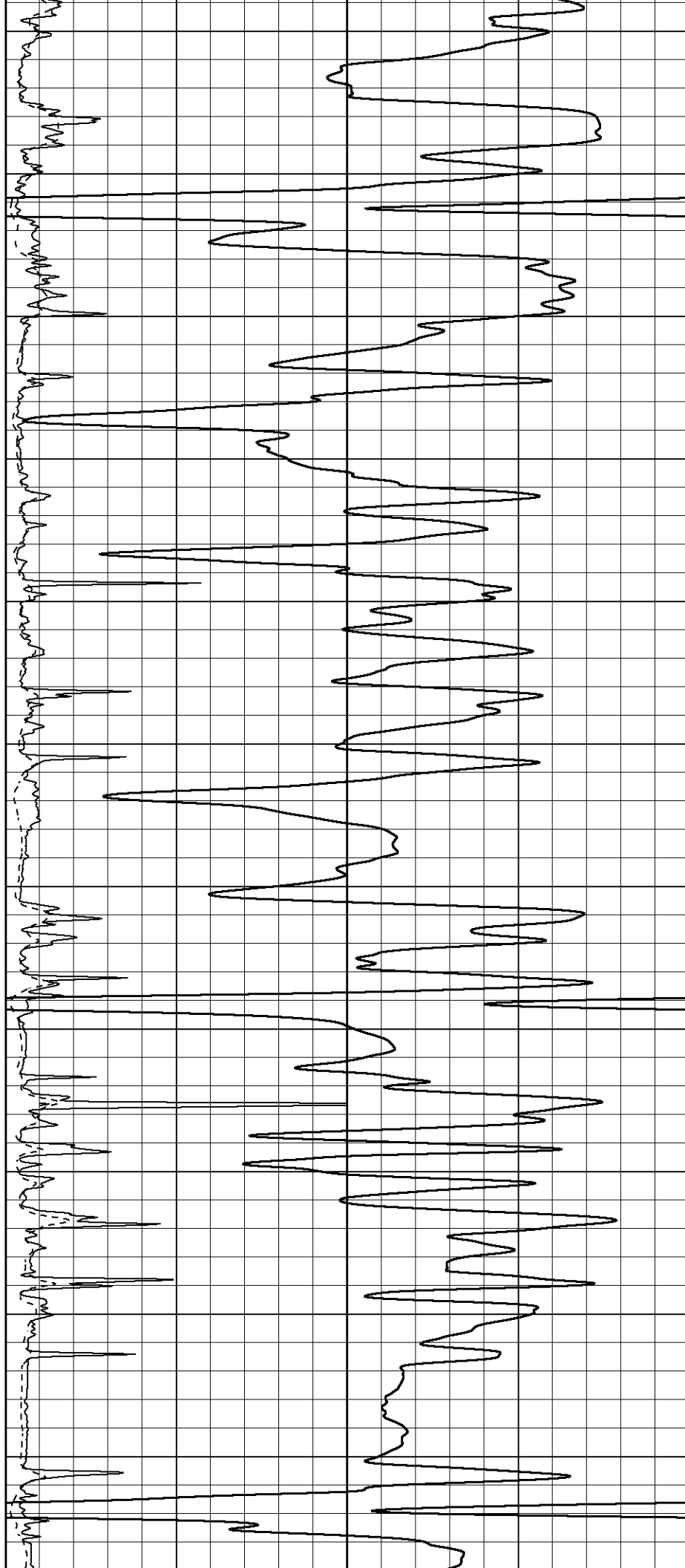
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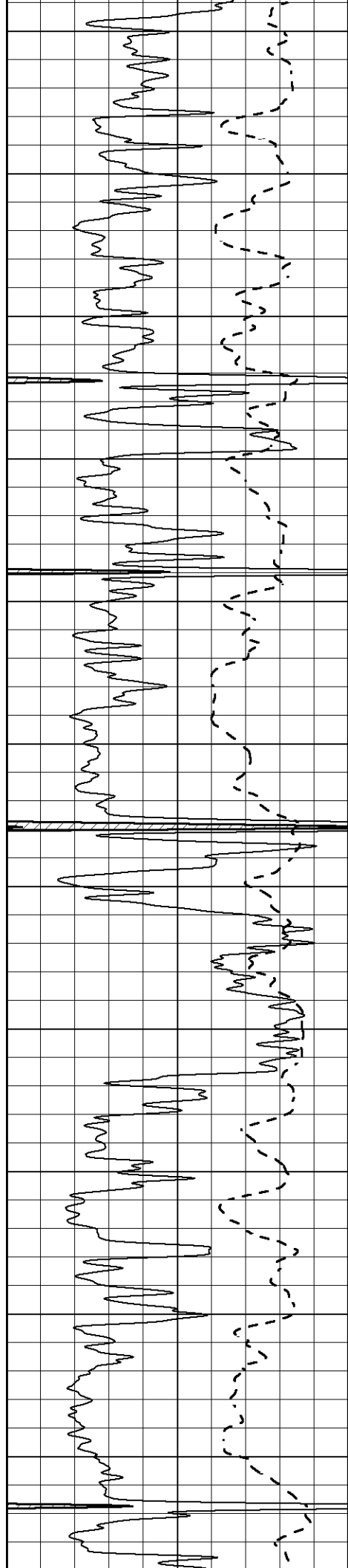
2450

2500

2550

2600





2650

2700

2750

2800

2850

2900

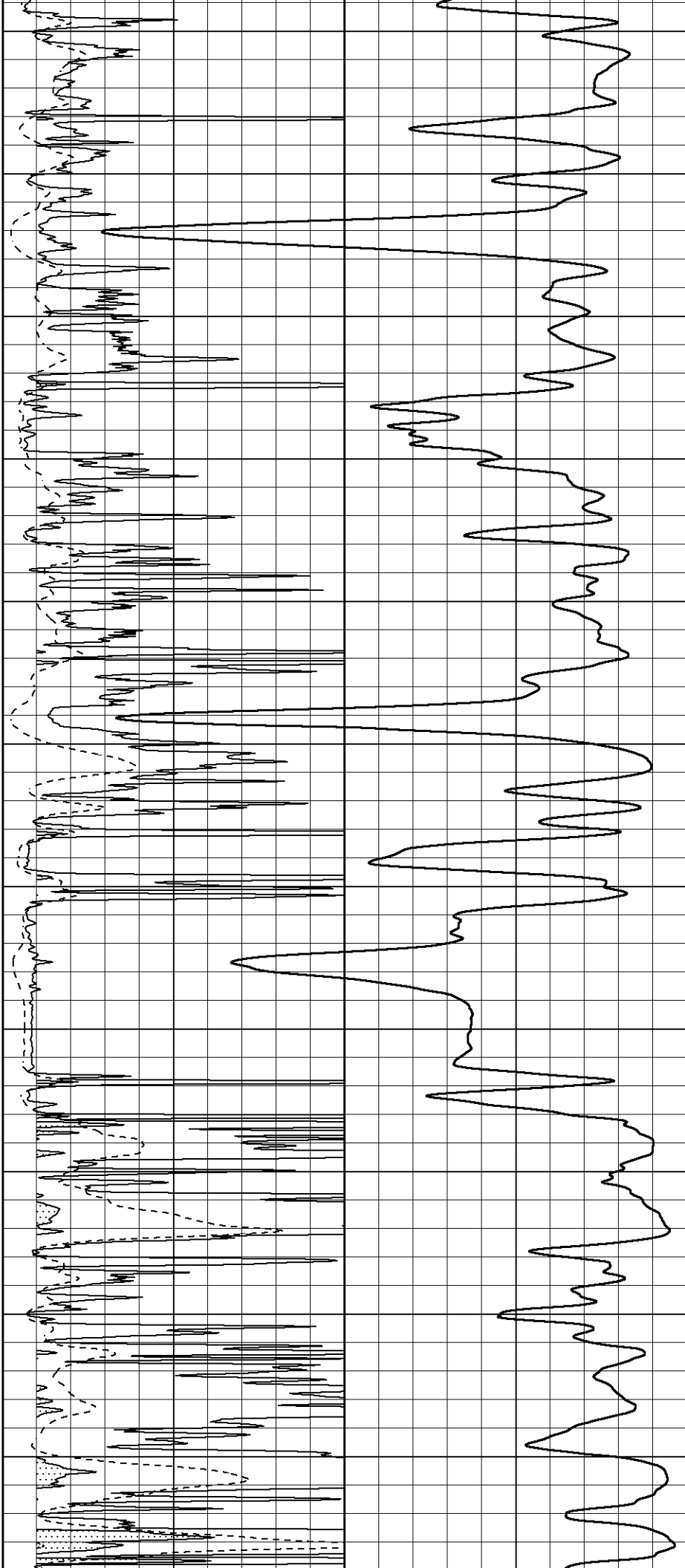
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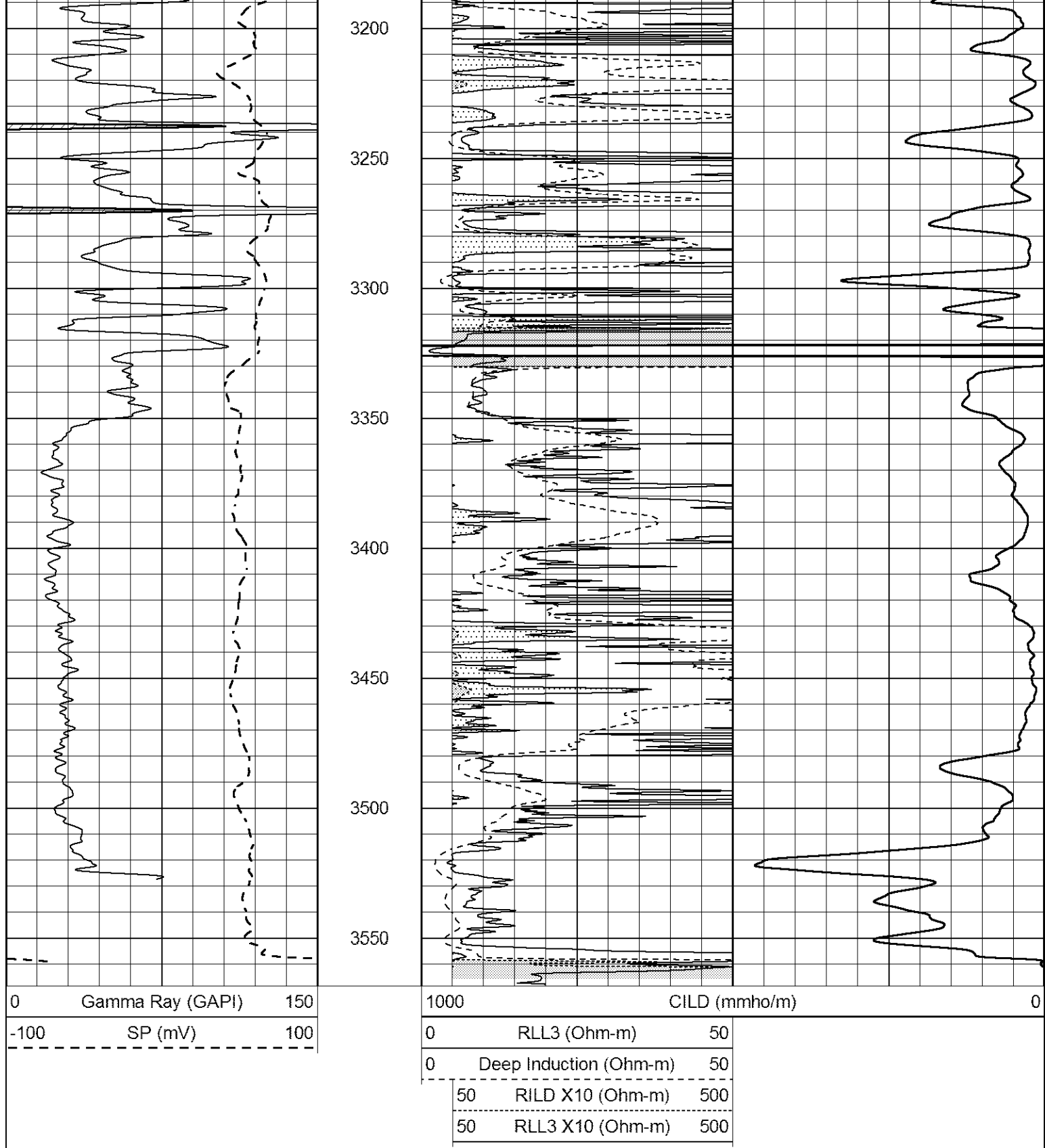
3000

3050

3100

3150



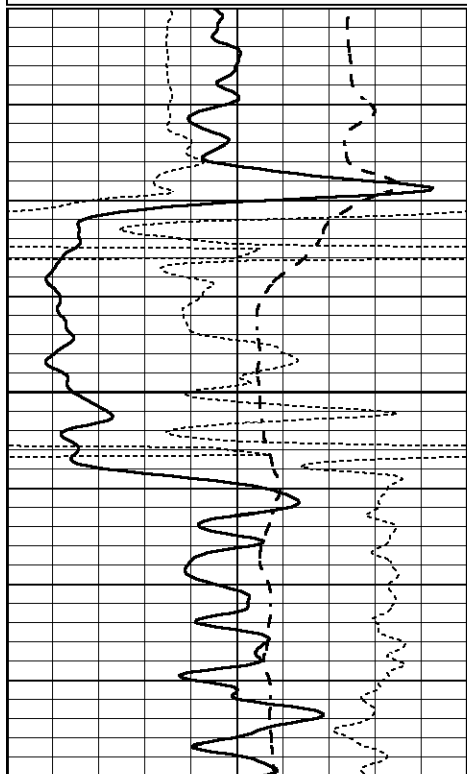


# ANHYDRITE

Database File 7011ddn.db  
Dataset Pathname pass3A  
Presentation Format \_dil  
Dataset Creation Thu Sep 08 06:37:43 2022  
Charted by Depth in Feet scaled 1:240

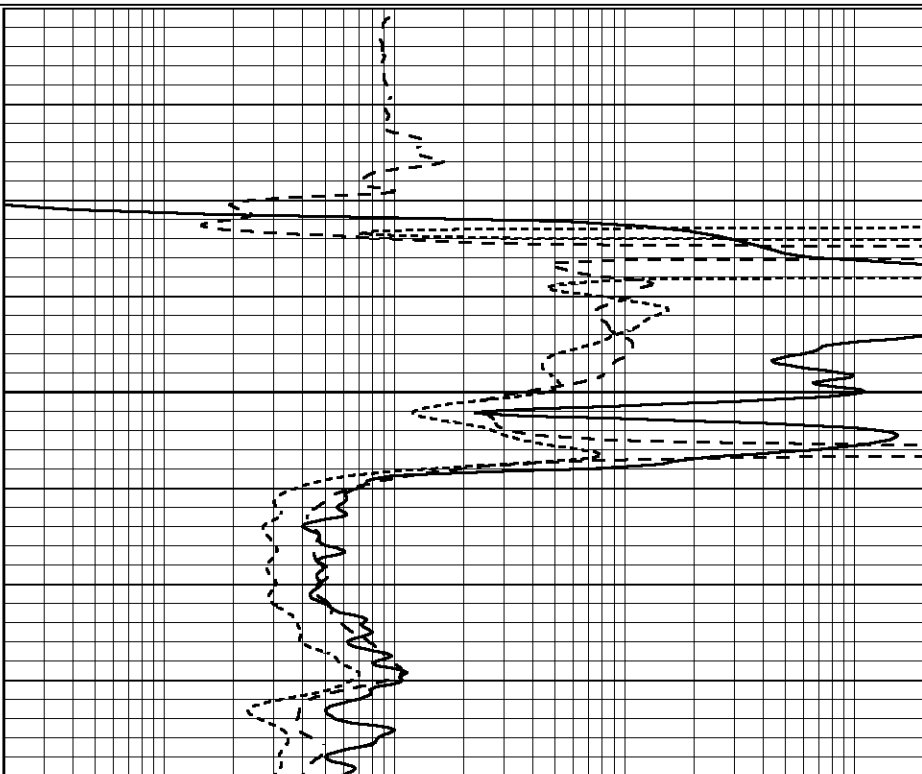


|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |



|      |                  |     |
|------|------------------|-----|
| 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 |



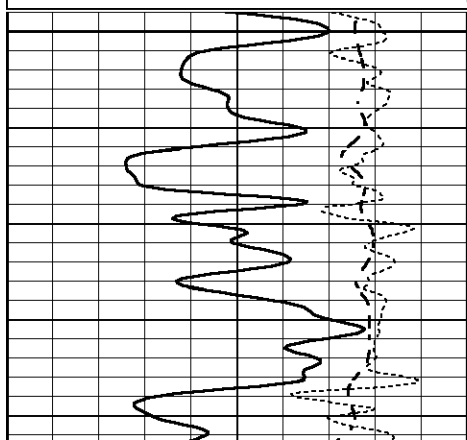
|     |                          |      |
|-----|--------------------------|------|
| 0.2 | SHALLOW GUARD (Ohm-m)    | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |



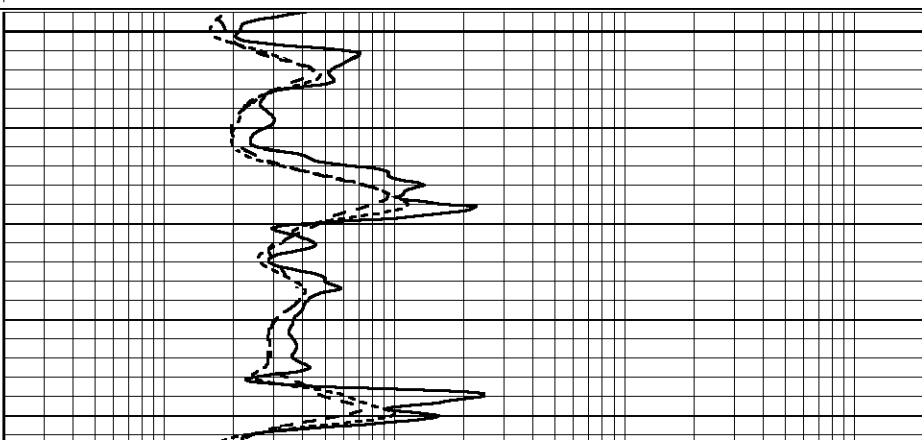
# MAIN SECTION

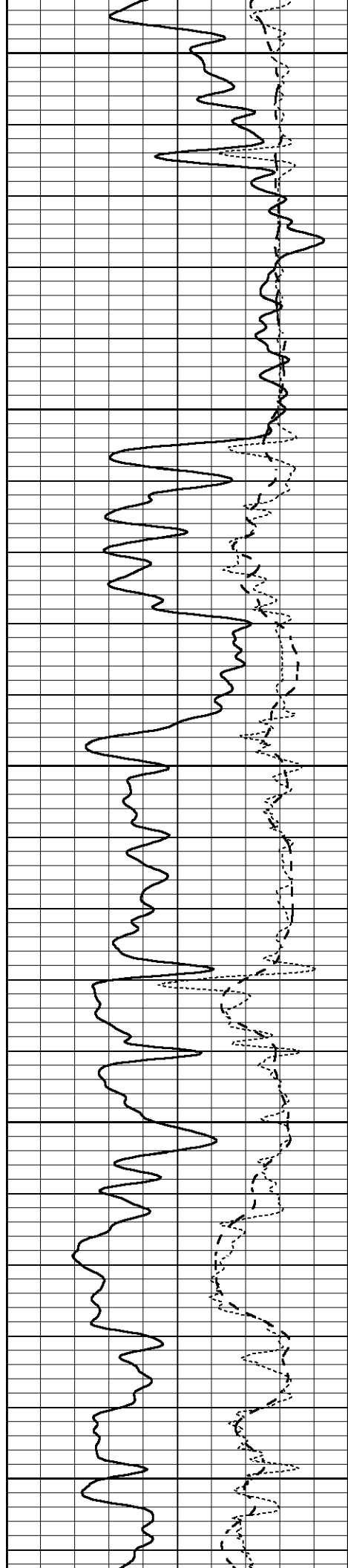
Database File 7011ddn.db  
 Dataset Pathname pass3DTL  
 Presentation Format \_dil  
 Dataset Creation Thu Sep 08 06:28:06 2022  
 Charted by Depth in Feet scaled 1:240

|      |                  |     |
|------|------------------|-----|
| 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 |





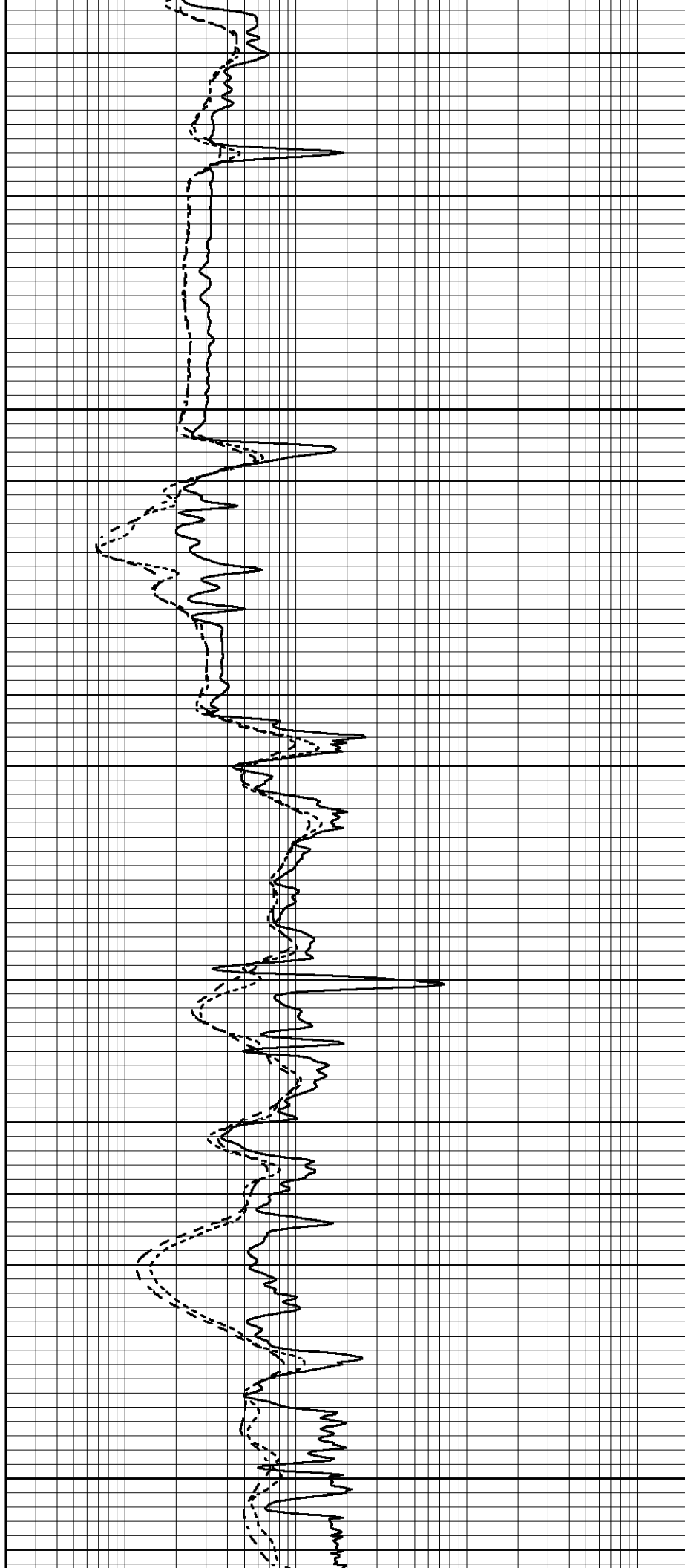
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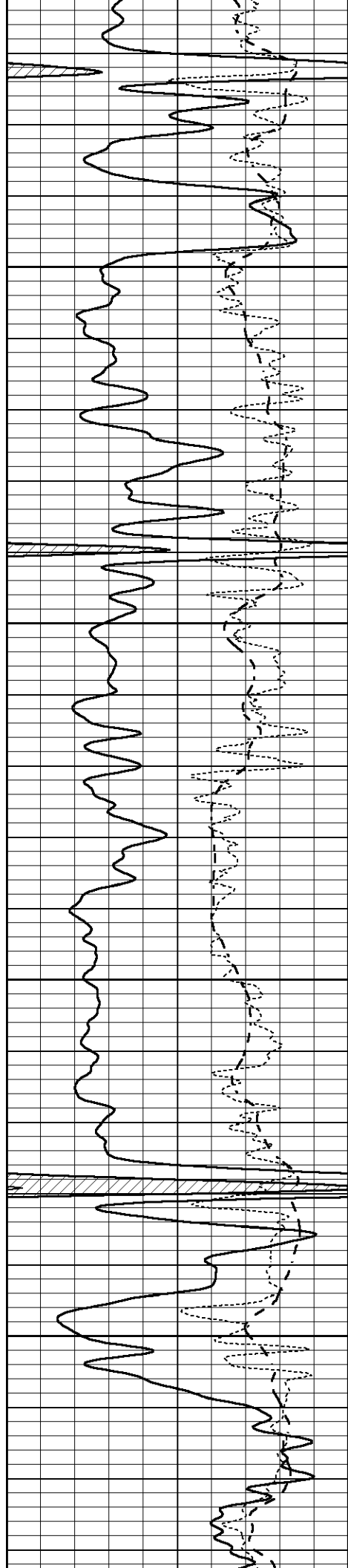
2600

2650

2700

2750



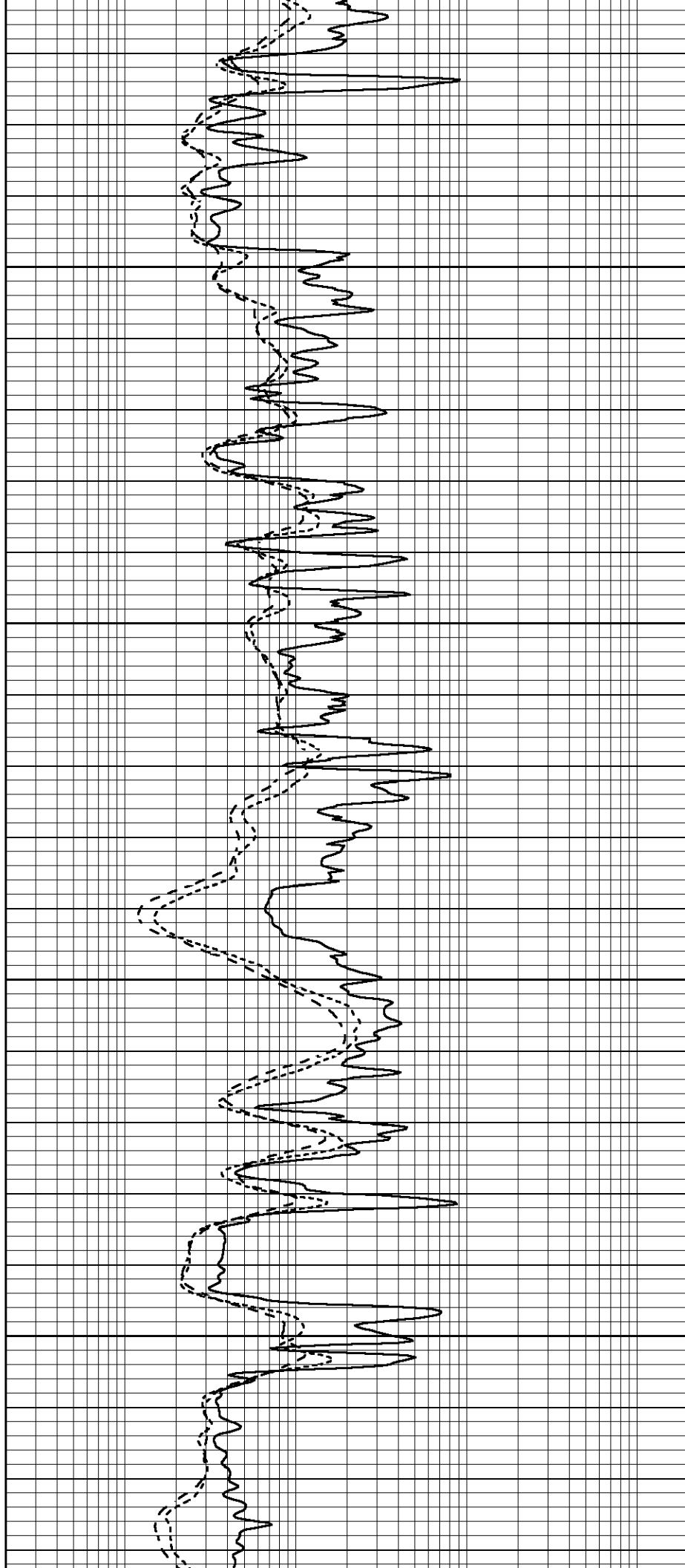


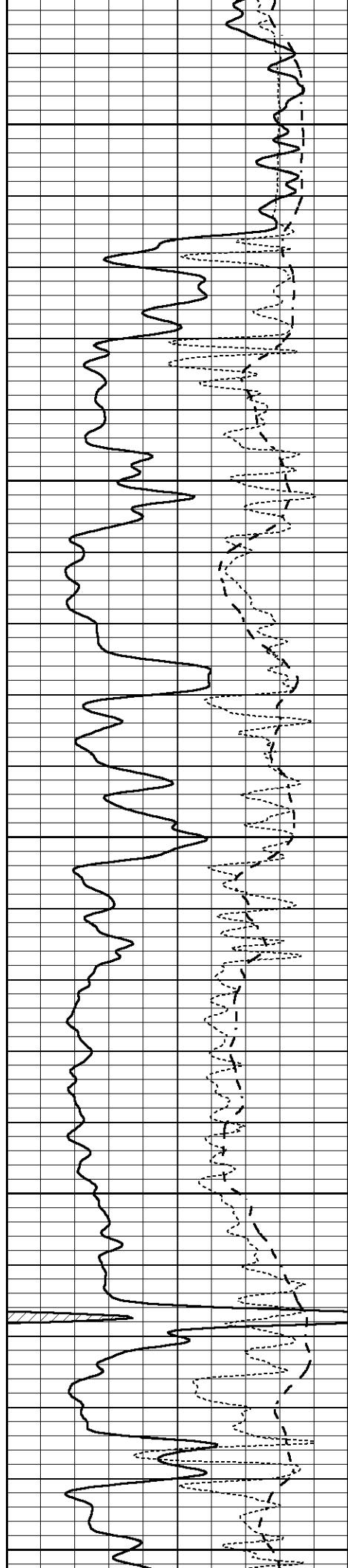
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2850

2900

2950





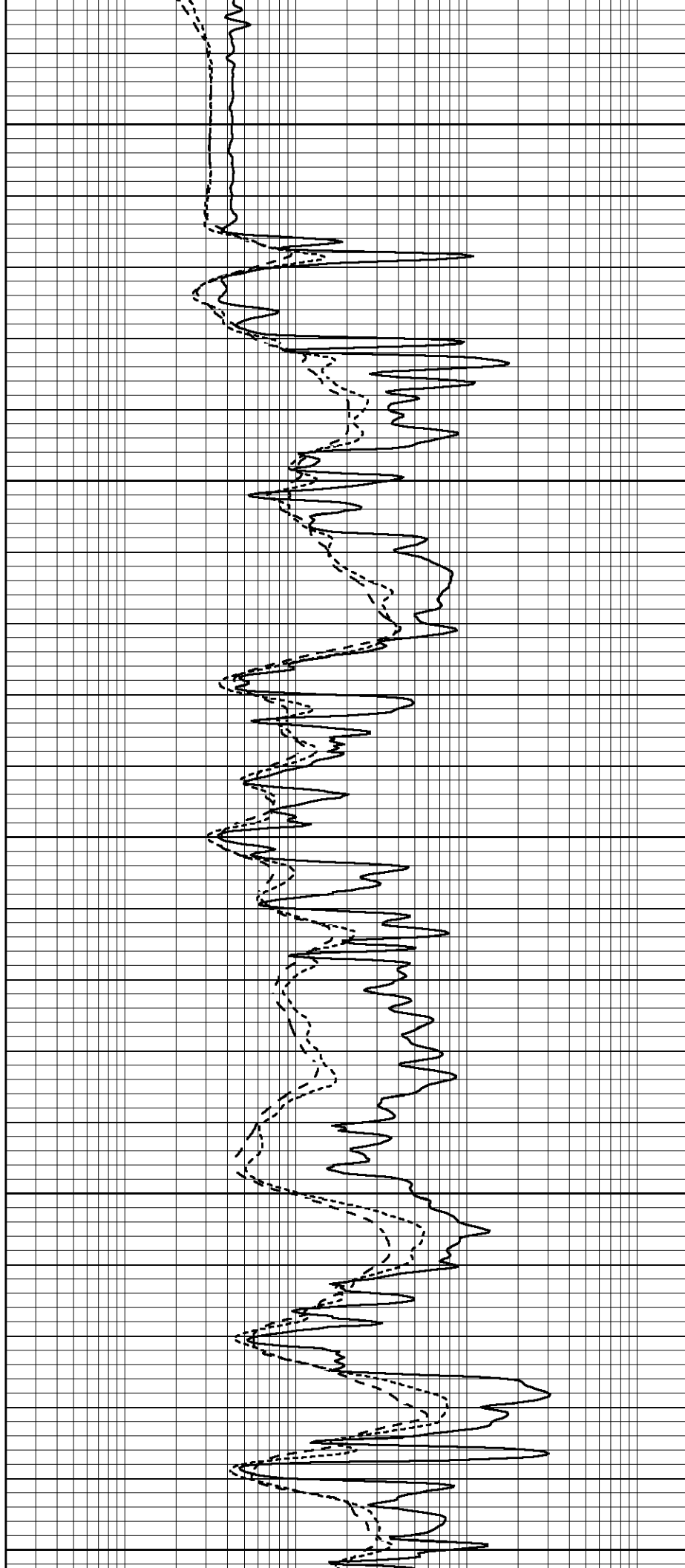
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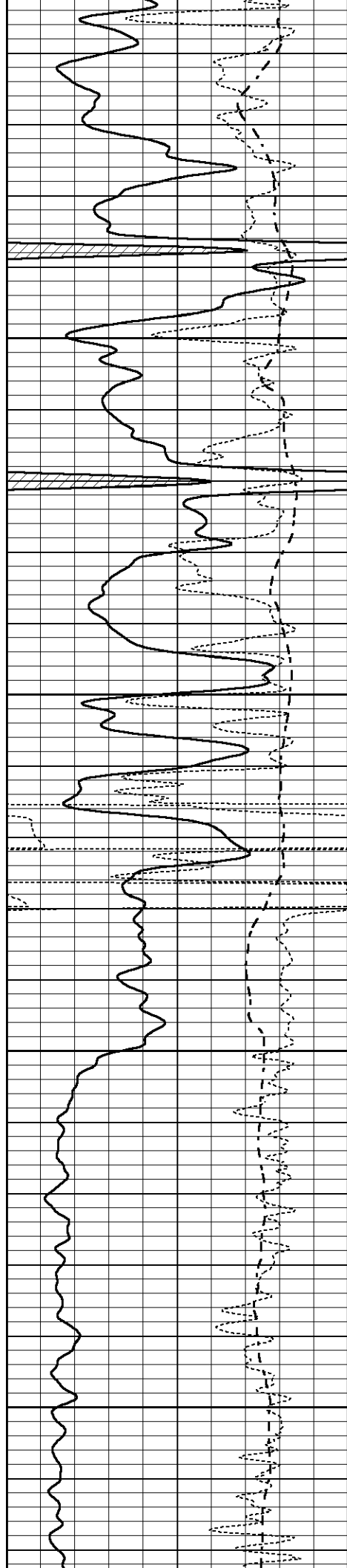
3050

3100

3150

3200



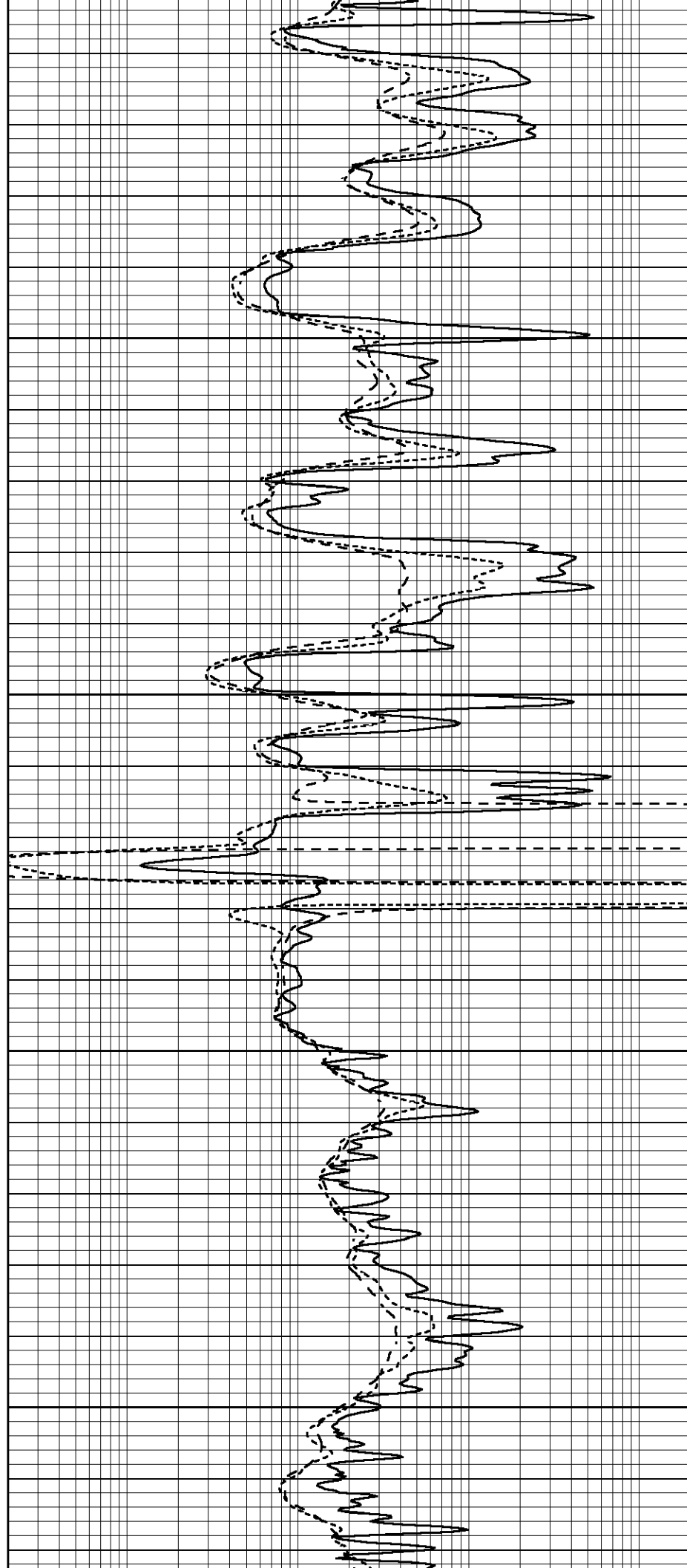


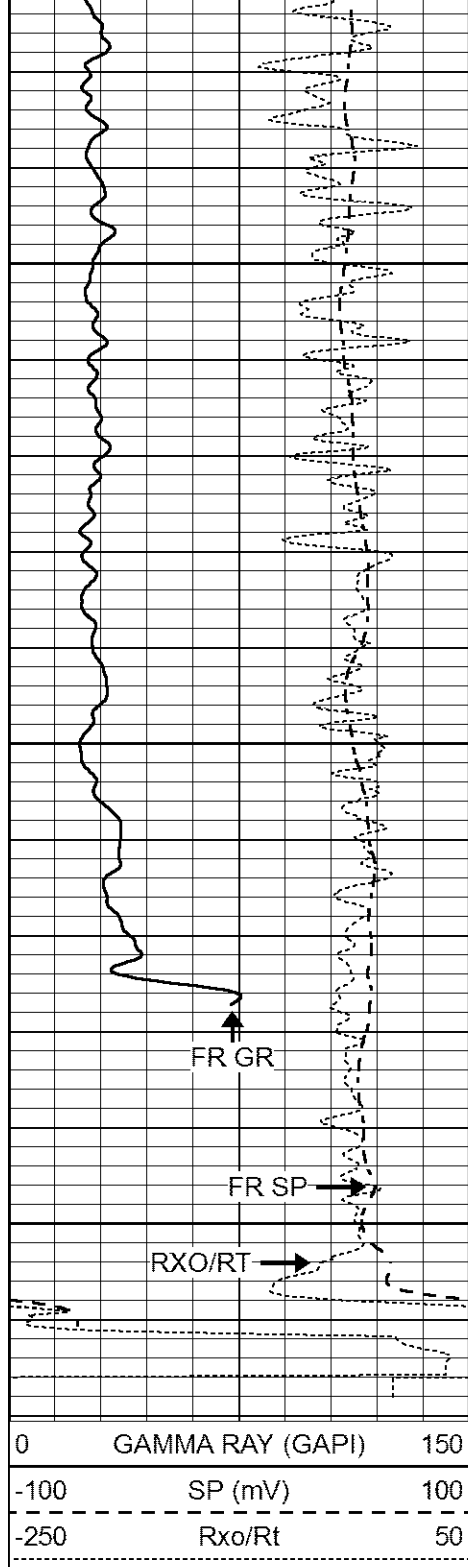
3250

3300

3350

3400



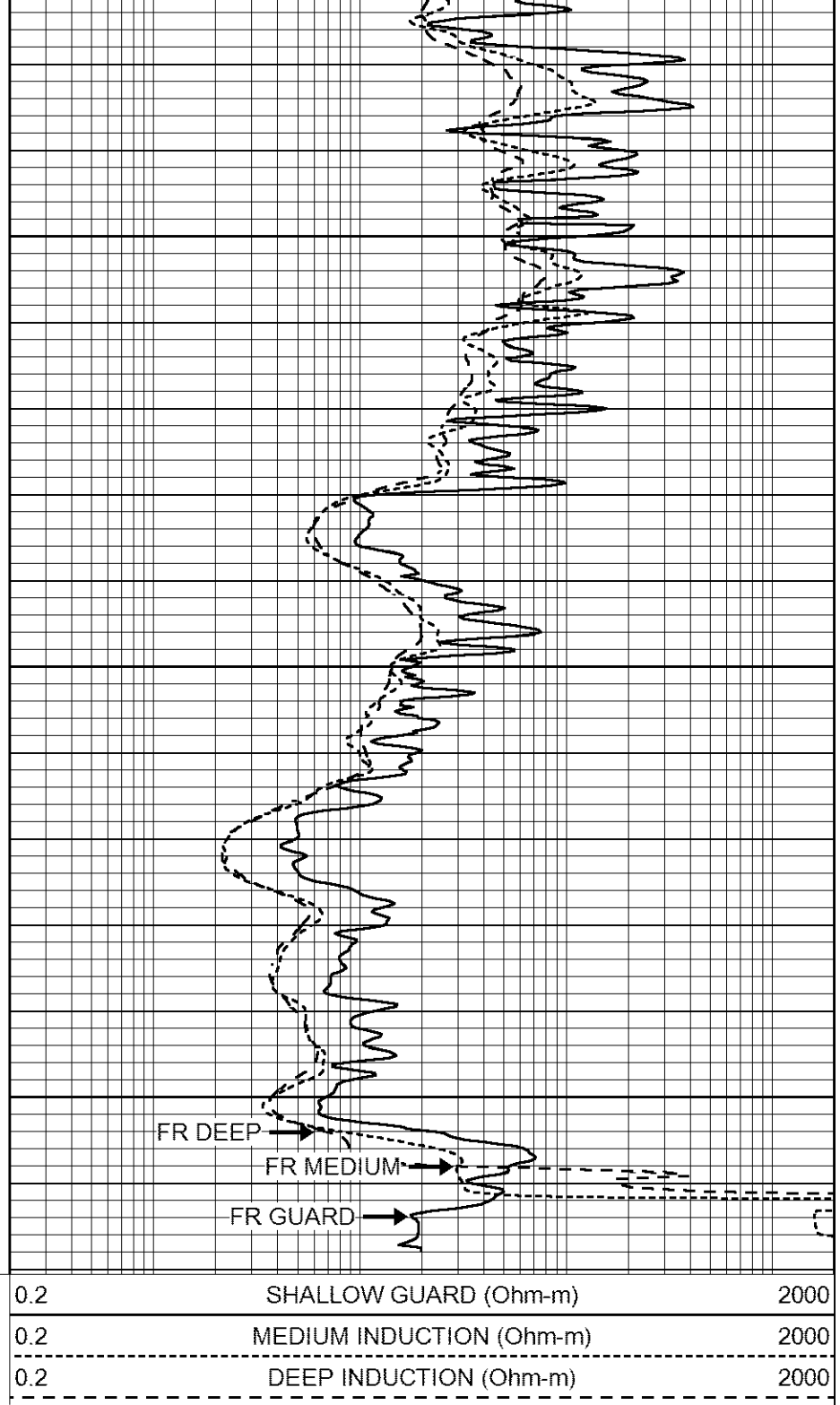


3450

3500

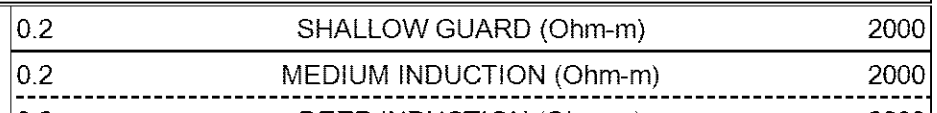
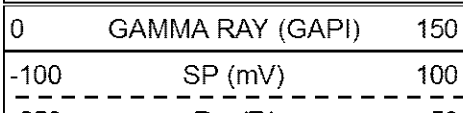
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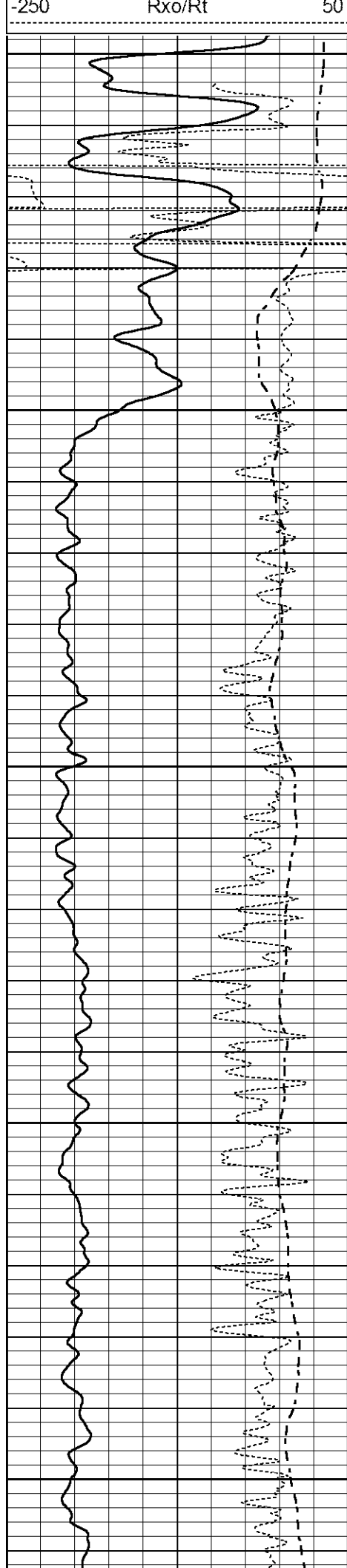
LTD 3567



# REPEAT SECTION

Database File 7011ddn.db  
 Dataset Pathname pass2D  
 Presentation Format \_dil  
 Dataset Creation Thu Sep 08 06:49:08 2022  
 Charted by Depth in Feet scaled 1:240





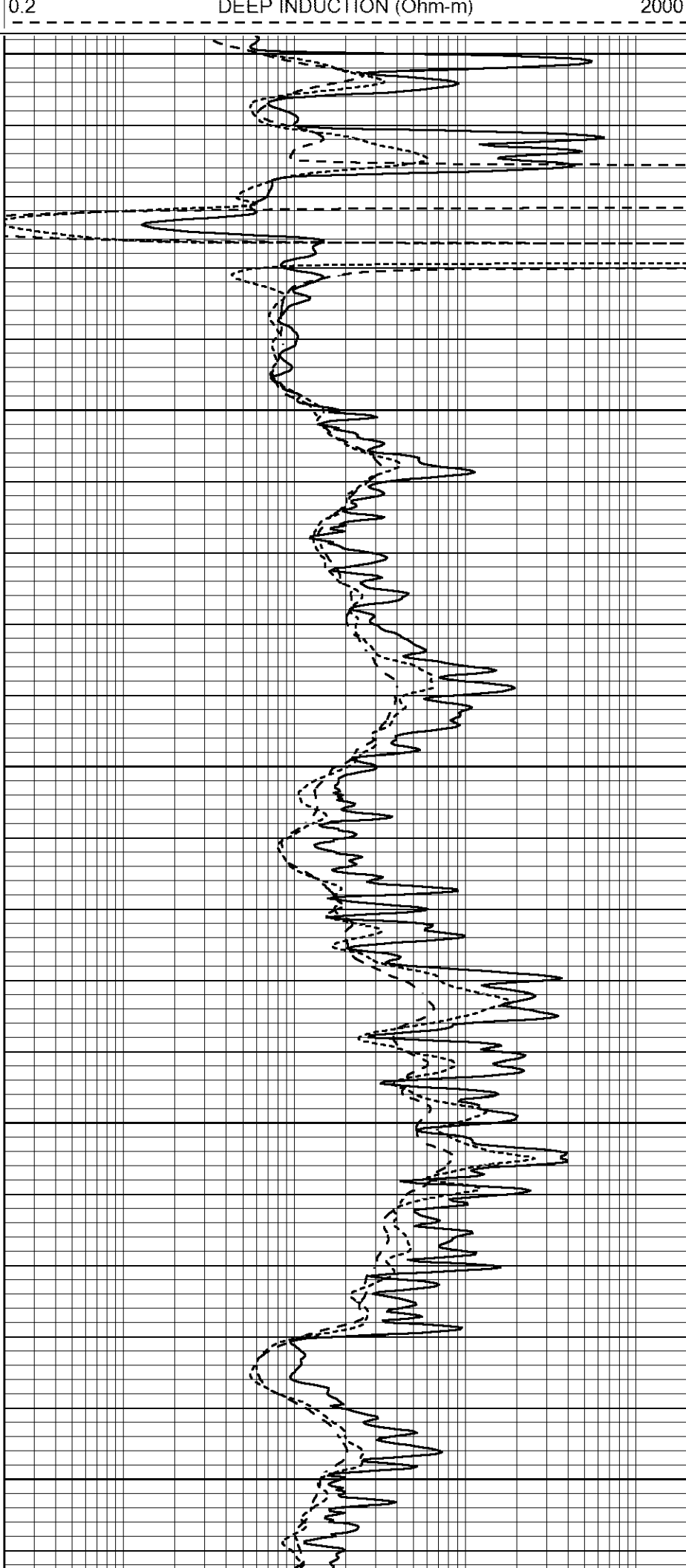
3300

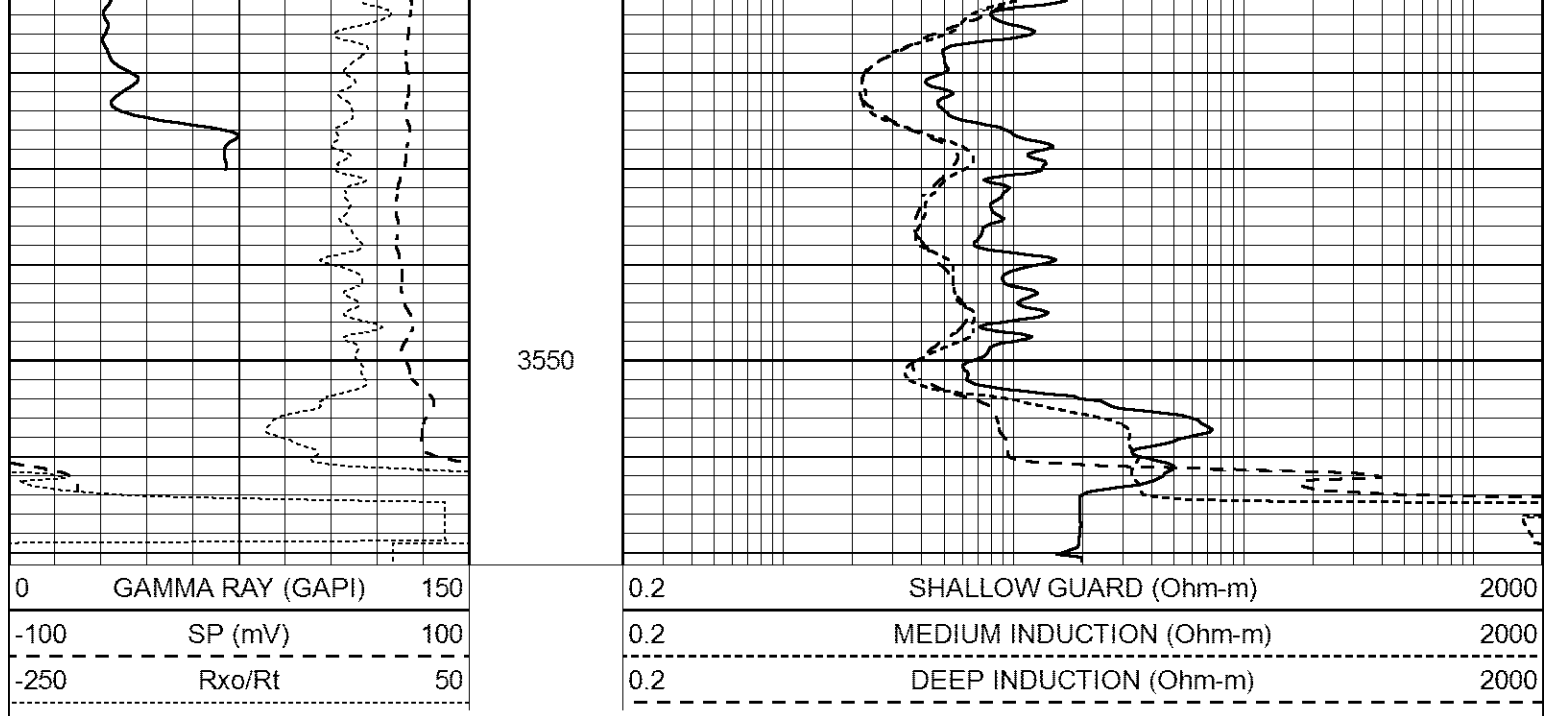
3350

3400

3450

3500





| Calibration Report |                          |
|--------------------|--------------------------|
| Database File      | 7011ddn.db               |
| Dataset Pathname   | pass3M                   |
| Dataset Creation   | Thu Sep 08 06:43:50 2022 |

### Dual Induction Calibration Report

|                                      |                          |
|--------------------------------------|--------------------------|
| Serial-Model:                        | FW1410-55-Probe          |
| Surface Cal Performed:               | Thu Jun 30 01:48:00 2022 |
| Downhole Cal Performed:              | Tue Feb 19 11:44:24 2019 |
| After Survey Verification Performed: | Tue Feb 19 11:44:27 2019 |

| Surface Calibration |          |       |   |            |         |        |         |         |
|---------------------|----------|-------|---|------------|---------|--------|---------|---------|
| Loop:               | Readings |       |   | References |         |        | Results |         |
|                     | Air      | Loop  |   | Air        | Loop    |        | m       | b       |
| Deep                | 0.011    | 0.656 | V | 1.000      | 400.000 | mmho/m | 650.000 | -3.000  |
| Medium              | -0.000   | 0.731 | V | 1.000      | 464.000 | mmho/m | 632.856 | -10.500 |
| 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 |

|                                                                                                                                   |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| <div>Litho Density Calibration Report</div> <div>Serial: 140704</div> <div>Model: V4_10P</div> <div>Source Number: 74GBq-19</div> |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

|                    |               |           |                                     |         |          |
|--------------------|---------------|-----------|-------------------------------------|---------|----------|
| Master Calibration |               |           | Performed: Wed Jul 20 12:36:34 2022 |         |          |
|                    | Background    | Aluminum  | Magnesium                           |         |          |
| Window 1           | 503.67        | 5439.20   | 23645.11                            | cps     |          |
| Window 2           | 40.11         | 1218.66   | 5702.60                             | cps     |          |
| Window 4           | 221.18        | 1240.69   | 5295.43                             | cps     |          |
| Window 5           | 542.56        | 7631.48   | 14305.13                            | cps     |          |
| Window 6           | 41.67         | 1209.53   | 2345.40                             | cps     |          |
| Window 8           | 256.91        | 2493.92   | 4591.85                             | cps     |          |
| Bulk Density       | -             | 2.6020    | 1.6830                              | g/cc    |          |
| Pe                 | -             | 3.0000    | 2.5070                              | b/e     |          |
| LS Alpha:          | : -1.8302     | SS Alpha: | : -0.7503                           | LS CPE: | : 1.1699 |
| LS Beta:           | : 122464.5983 | SS Beta:  | : 16307.0478                        | SS CPE: | : 1.6095 |

|                                              |      |     |                                     |  |
|----------------------------------------------|------|-----|-------------------------------------|--|
| Before Survey Background Counts Verification |      |     | Performed: Wed Dec 31 18:00:00 1969 |  |
| Window 1                                     | 0.00 | cps |                                     |  |
| Window 2                                     | 0.00 | cps |                                     |  |
| Window 4                                     | 0.00 | cps |                                     |  |
| Window 5                                     | 0.00 | cps |                                     |  |
| Window 6                                     | 0.00 | cps |                                     |  |
| Window 8                                     | 0.00 | cps |                                     |  |

|                                             |      |     |                                     |  |
|---------------------------------------------|------|-----|-------------------------------------|--|
| After Survey Background Counts Verification |      |     | Performed: Wed Dec 31 18:00:00 1969 |  |
| Window 1                                    | 0.00 | cps |                                     |  |
| Window 2                                    | 0.00 | cps |                                     |  |
| Window 4                                    | 0.00 | cps |                                     |  |
| Window 5                                    | 0.00 | cps |                                     |  |
| Window 6                                    | 0.00 | cps |                                     |  |
| Window 8                                    | 0.00 | cps |                                     |  |

|                                  |          |         |                 |                                     |        |
|----------------------------------|----------|---------|-----------------|-------------------------------------|--------|
| Lithodensity Caliper Calibration |          |         |                 | Performed: Wed Jul 20 12:36:34 2022 |        |
| Results                          | Readings |         | References (in) |                                     |        |
|                                  | Low      | High    | Low             | High                                |        |
|                                  | 11331.0  | 15645.5 | 8.0             | 14.0                                |        |
|                                  |          |         |                 |                                     | Gain   |
|                                  |          |         |                 |                                     | Offset |
|                                  |          |         |                 |                                     | 0.0    |
|                                  |          |         |                 |                                     | -7.6   |

|                                    |           |         |            |  |
|------------------------------------|-----------|---------|------------|--|
| Before Survey Caliper Verification |           |         | Performed: |  |
|                                    | Reference | Reading |            |  |
|                                    |           |         |            |  |
| Caliper (in)                       |           |         |            |  |

|                                   |           |         |            |  |
|-----------------------------------|-----------|---------|------------|--|
| After Survey Caliper Verification |           |         | Performed: |  |
|                                   | Reference | Reading |            |  |

Caliper (in)

## 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 |