



MICROLOG

Company LONE WOLF OIL & GAS CO., LLC
 Well KEMPTON A3
 Field MOLINE
 County ELK State KANSAS

Location: API #: 15-049-22626
 Permanent Datum NW NE SW SE
 Log Measured From 1185' FSL & 1965' FEL
 Drilling Measured From KB KB
 Elevation 1205
 Other Services CDLN ILD
 Elevation K.B: 1214 D.F: 1213 G.L: 1205

| | |
|------------------------------|-------------|
| Date | 3-22-22 |
| Run Number | ONE |
| Depth Driller | 2575 |
| Depth Logger | 2572 |
| Bottom Logged Interval | 2570 |
| Top Log Interval | SURFACE |
| Casing Driller | 8 5/8" @ 40 |
| Casing Logger | 8 5/8" @ 40 |
| Bit Size | 7 7/8" |
| Type Fluid in Hole | CHEMICAL |
| Density / Viscosity | 9.4 / 52 |
| pH / Fluid Loss | 9.5 / 8.4 |
| Source of Sample | FLOWLINE |
| Rm @ Meas. Temp | 2.5 @ 70 |
| Rmf @ Meas. Temp | 3.1 @ 70 |
| Rmc @ Meas. Temp | 1.9 @ 70 |
| Source of Rmf / Rmc | CAL |
| Rm @ BHT | 2.05 @ 98 |
| Time Circulation Stopped | 6:30 AM |
| Time Logger on Bottom | 9:30 AM |
| Maximum Recorded Temperature | 98 |
| Equipment Number | OW2 |
| Location | HOMINY OK |
| Recorded By | MACKAY |
| Witnessed By | MR. WOLFE |
| | KIDD |
| | TAFIT |

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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

OW2-9028 LONE WOLF
 THANK YOU FOR USING OSAGE WIRELINE INC.

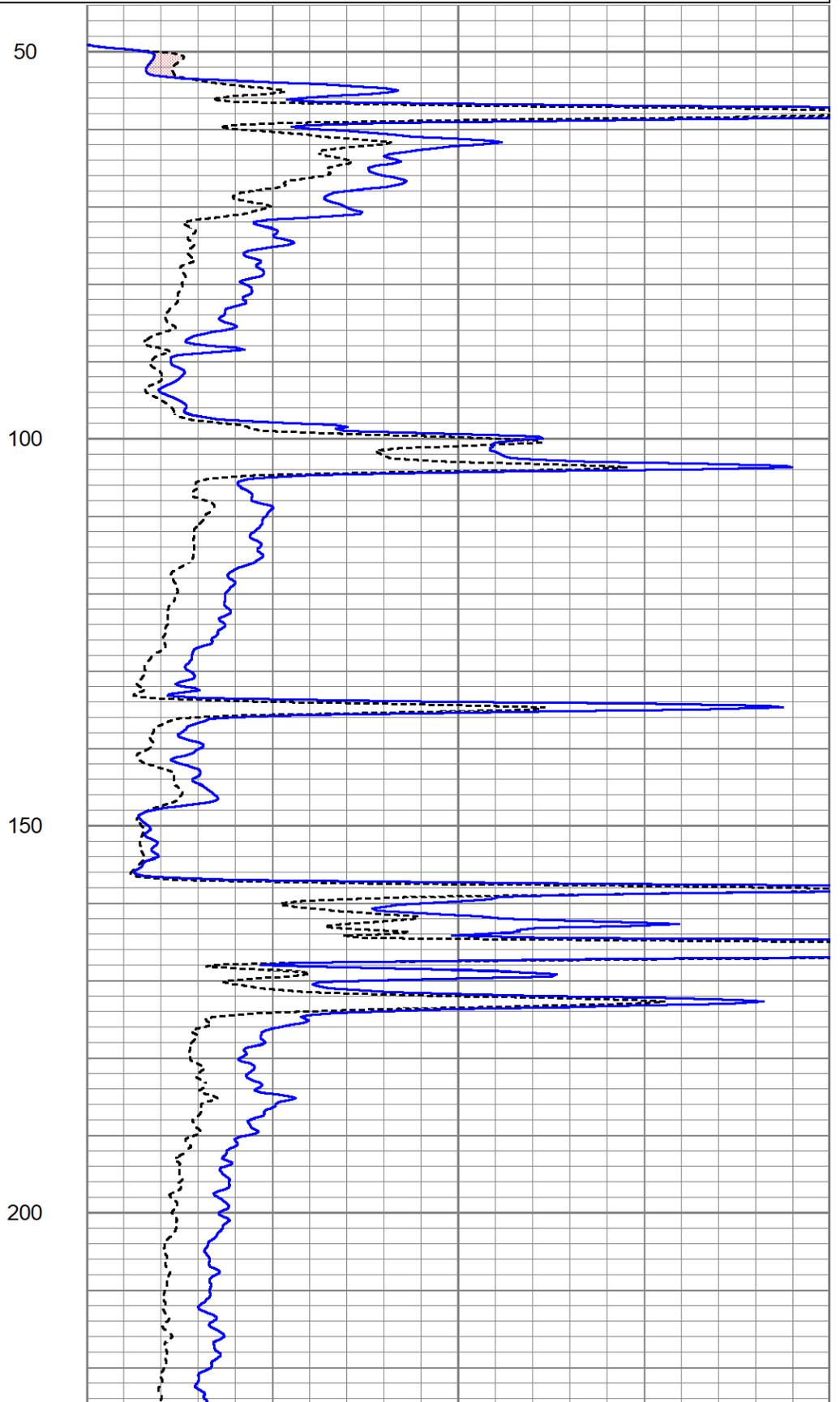
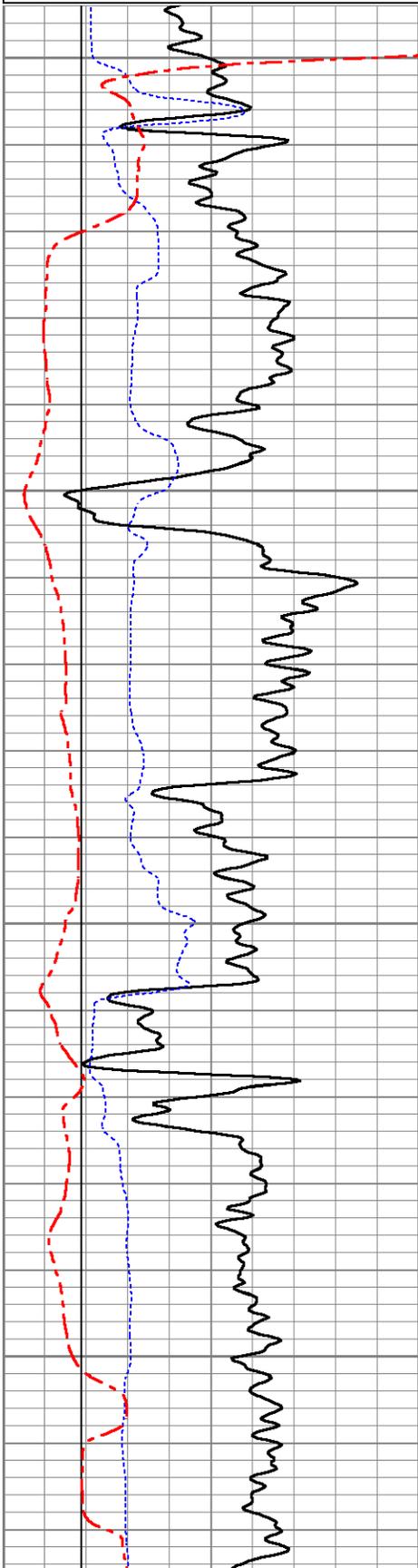


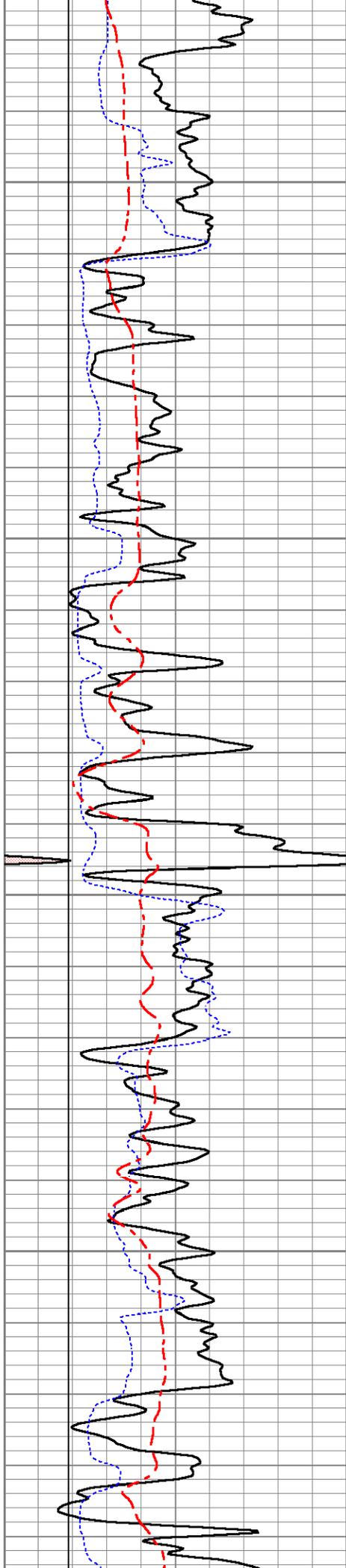
5" MICROLOG

Database File ow2-9028 lone wolf.db
 Dataset Pathname pass2.3
 Presentation Format mmdigitalmicro
 Dataset Creation Tue Mar 22 10:27:29 2022
 Charted by Depth in Feet scaled 1:240

| | | |
|---|----------------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Micro Caliper (in) | 16 |
| 6 | Bit Size (in) | 16 |
| 0 | Spontaneous Potential (mV) | 150 |

| | | |
|---|-----------------------|----|
| 0 | Micro Normal (Ohm-m) | 40 |
| 0 | Micro Inverse (Ohm-m) | 40 |



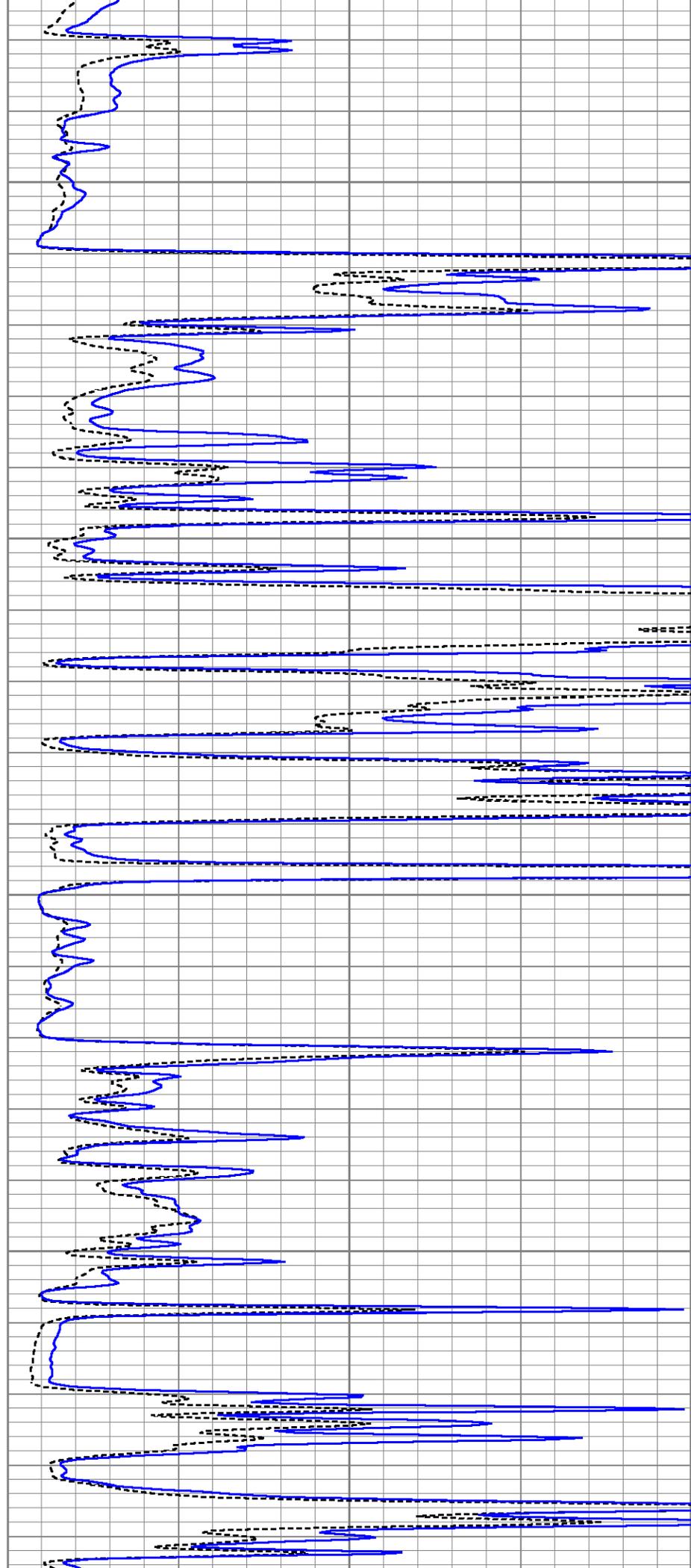


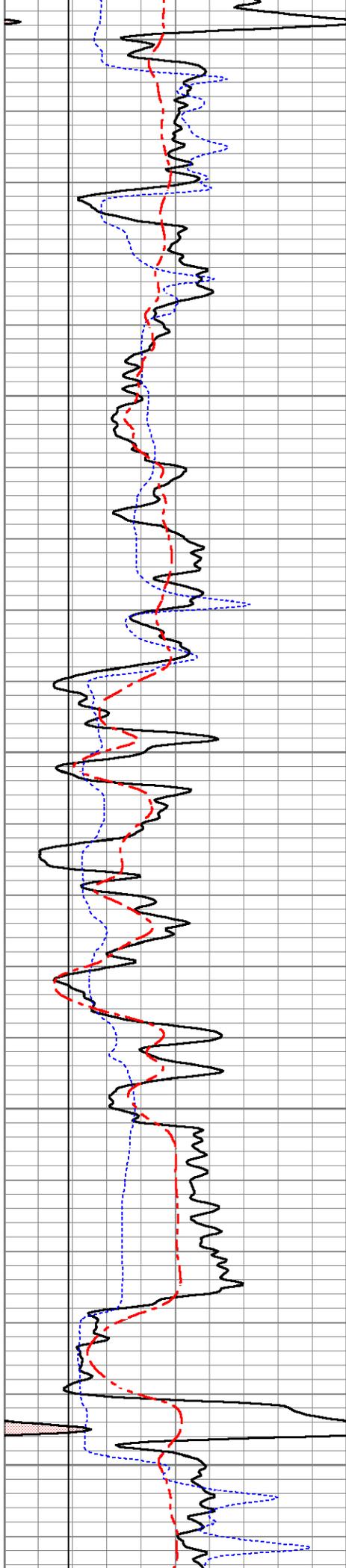
250

300

350

400





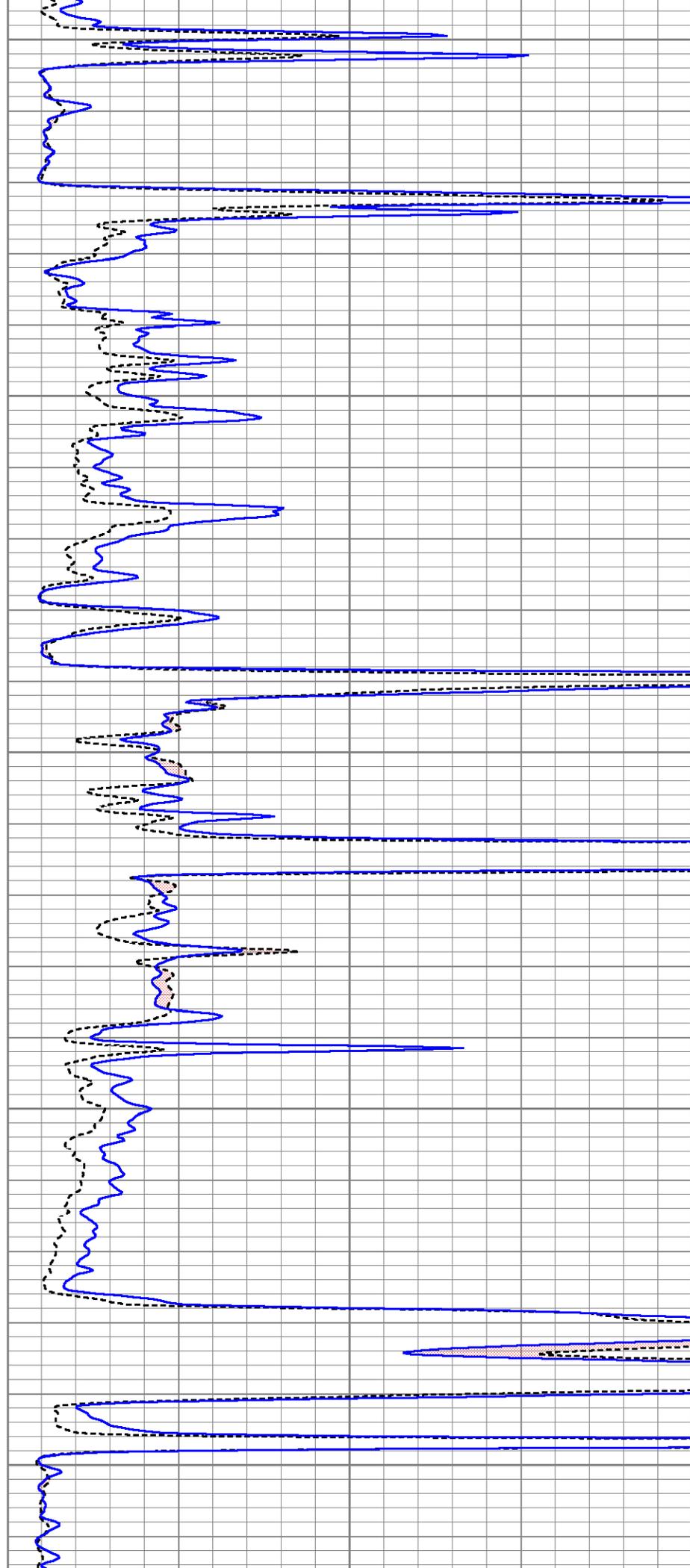
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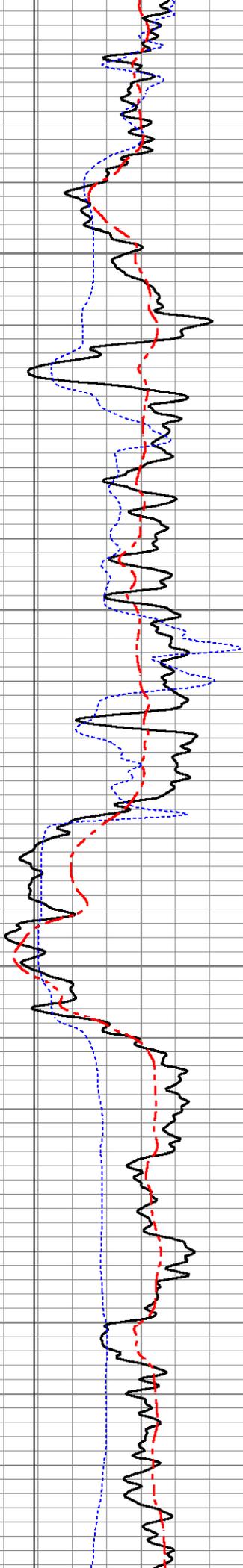
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550

600

650



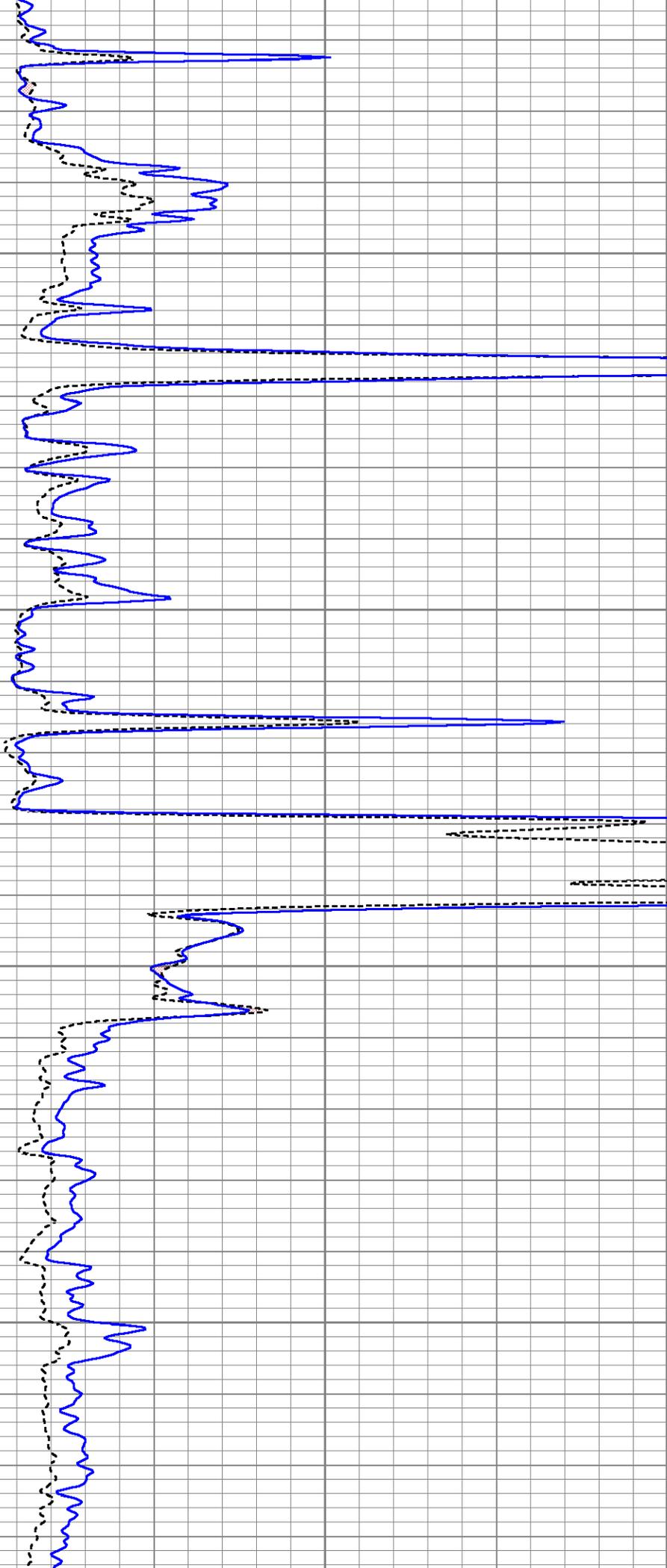


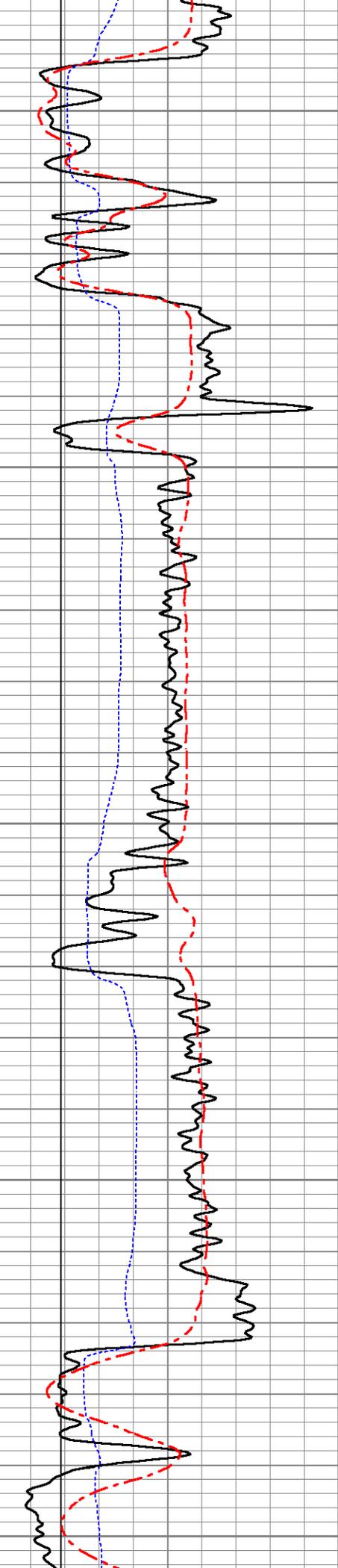
700

750

800

850





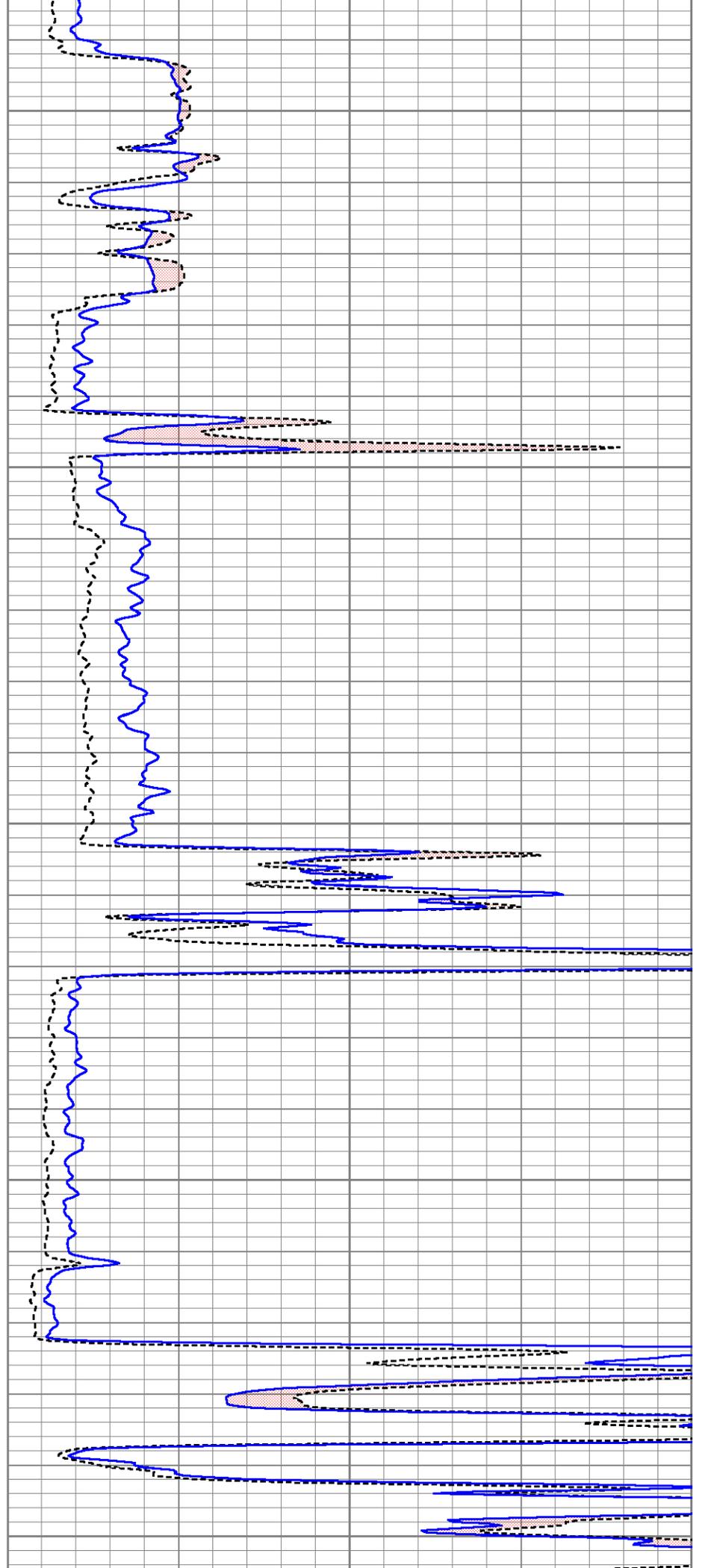
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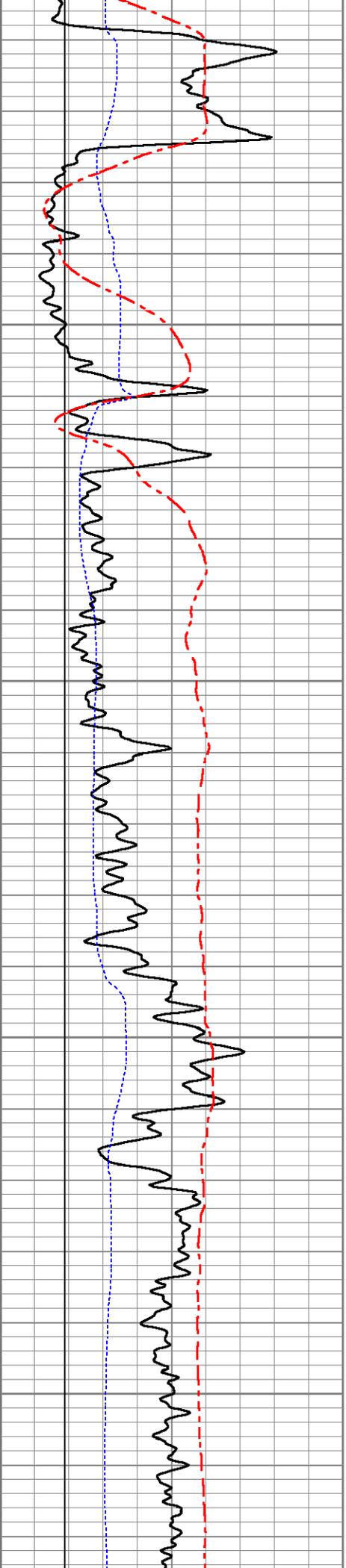
950

1000

1050

1100



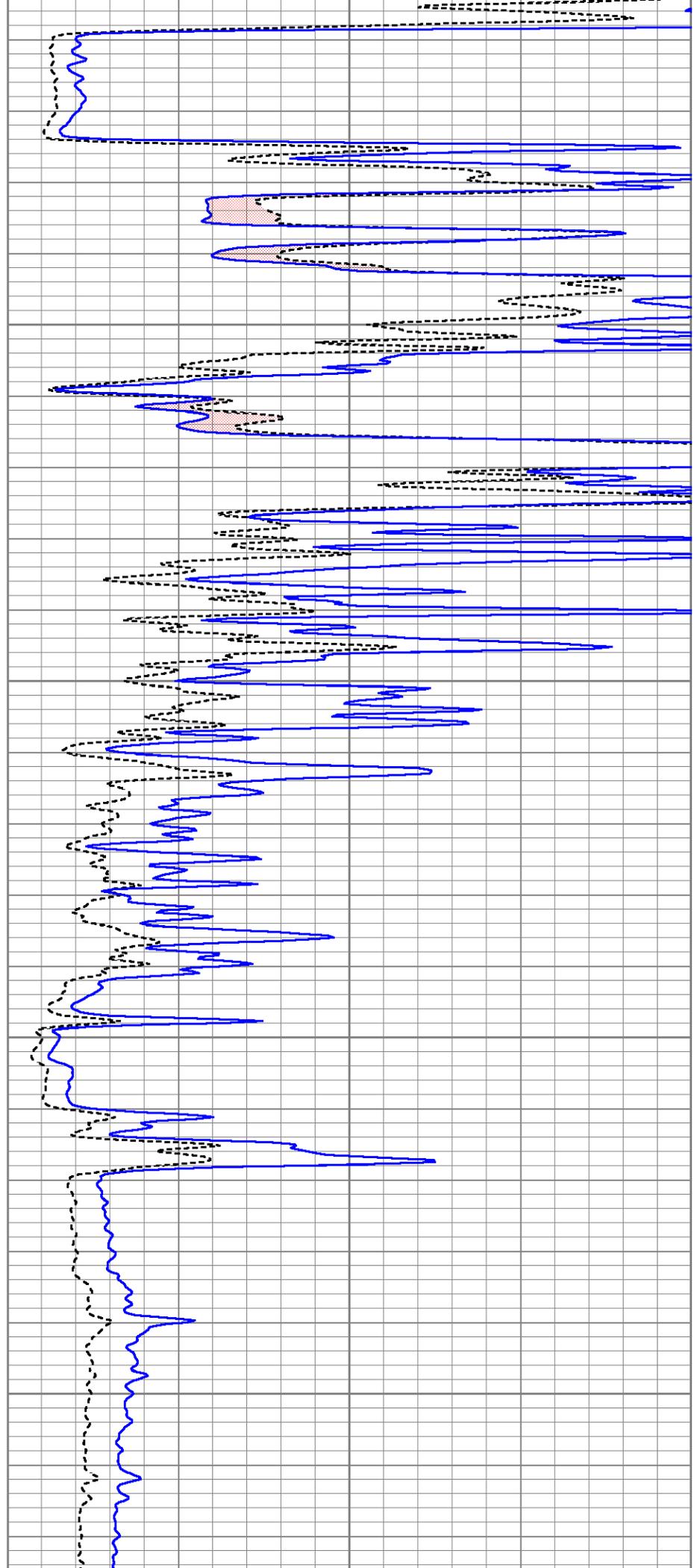


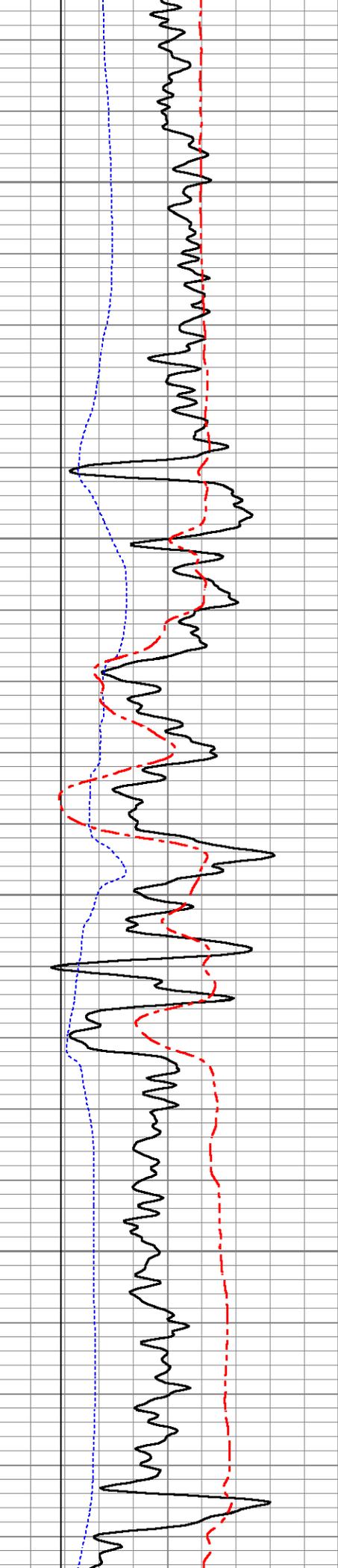
1150

1200

1250

1300



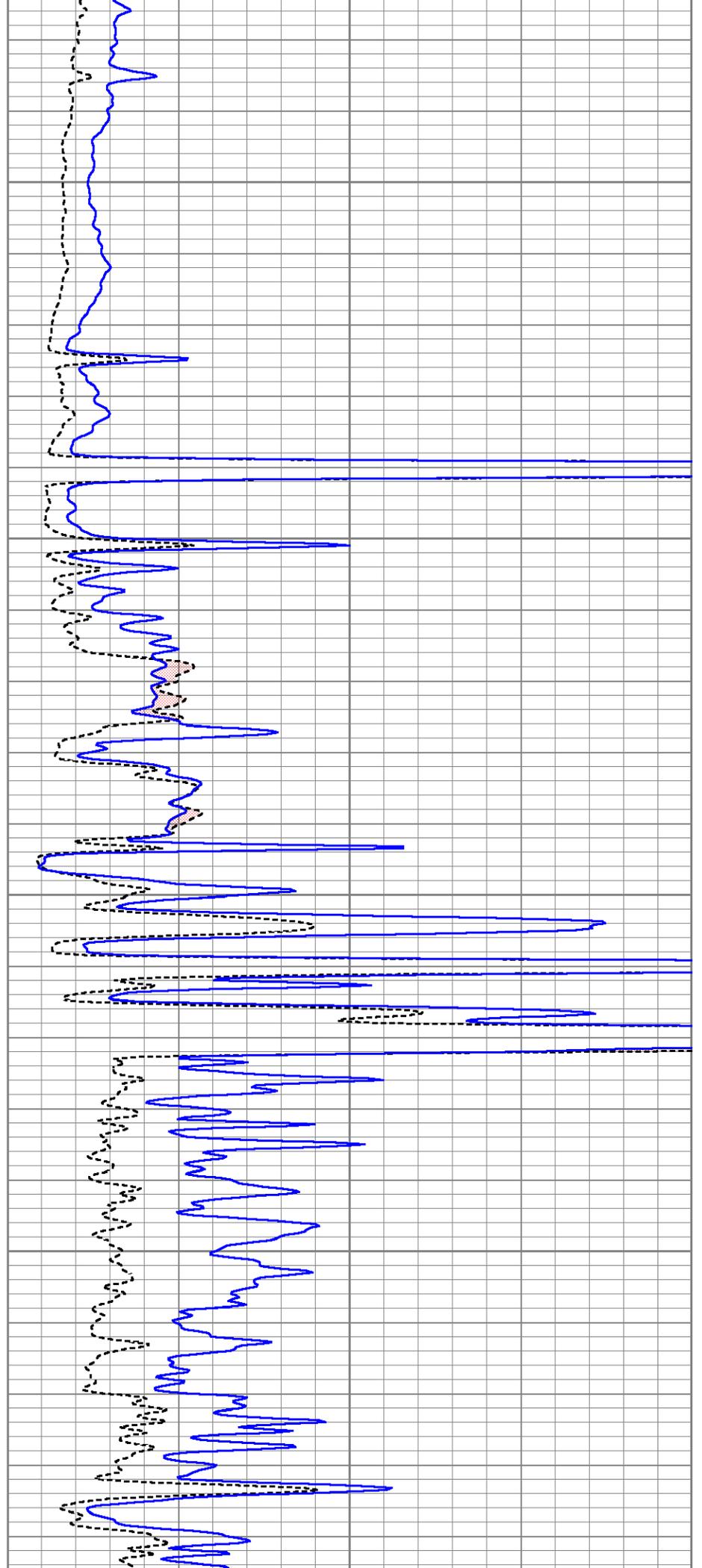


1350

1400

1450

1500





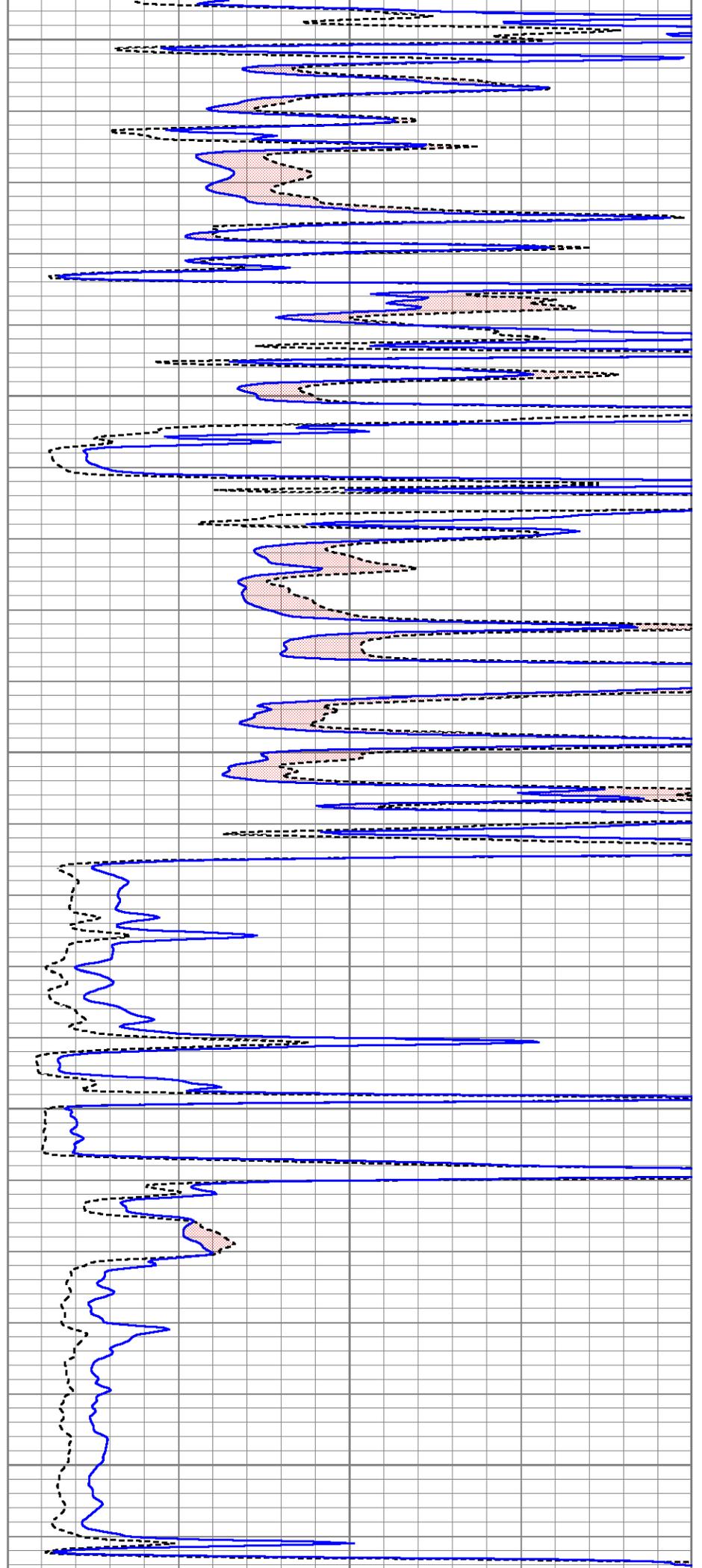
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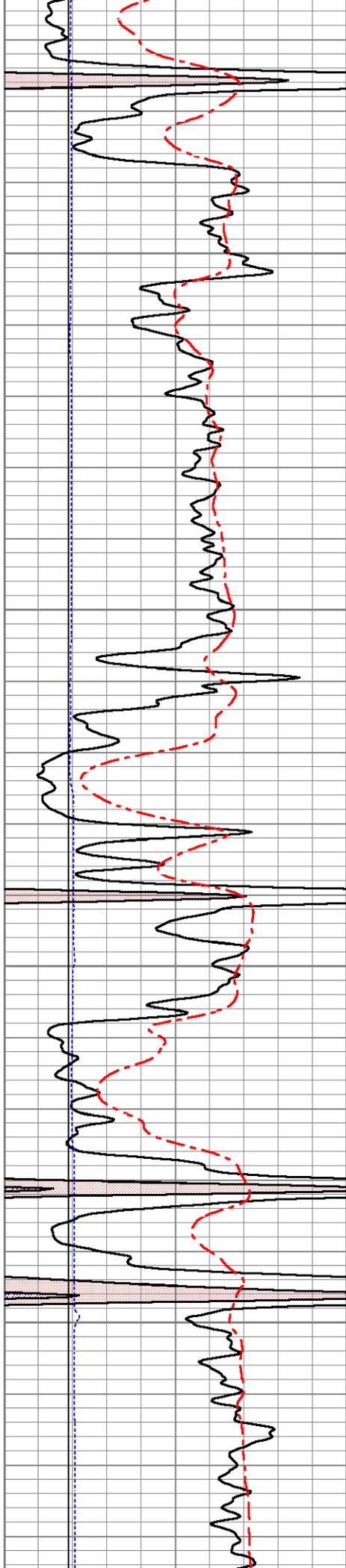
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1650

1700

1750



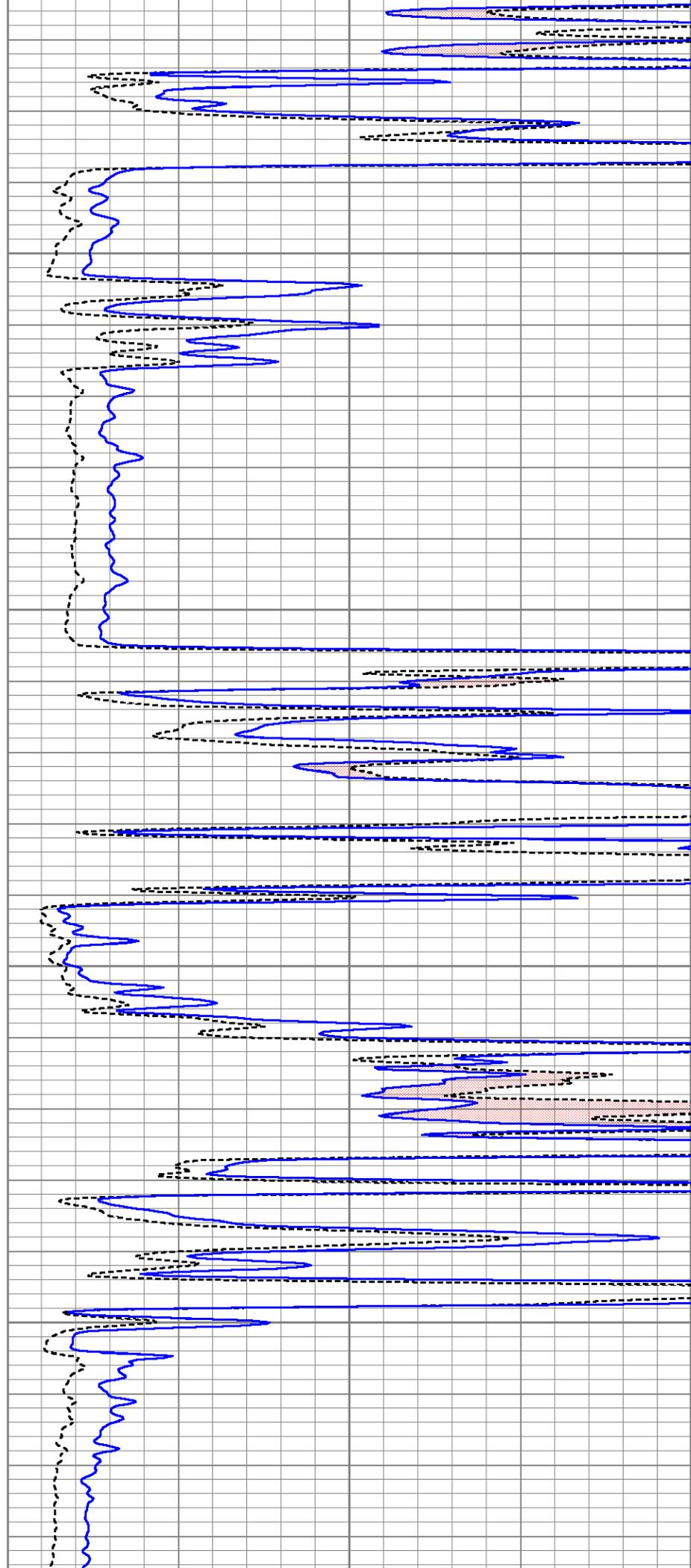


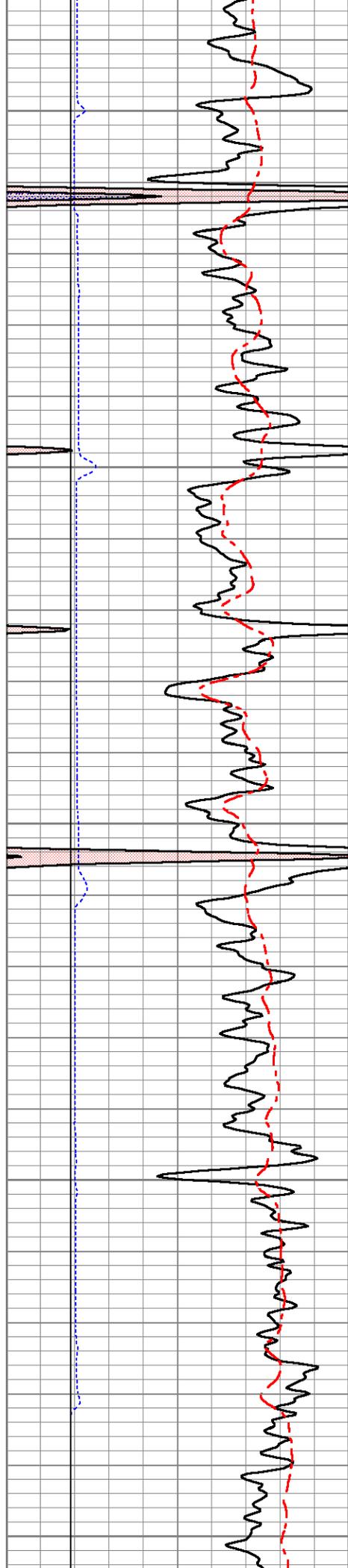
1800

1850

1900

1950





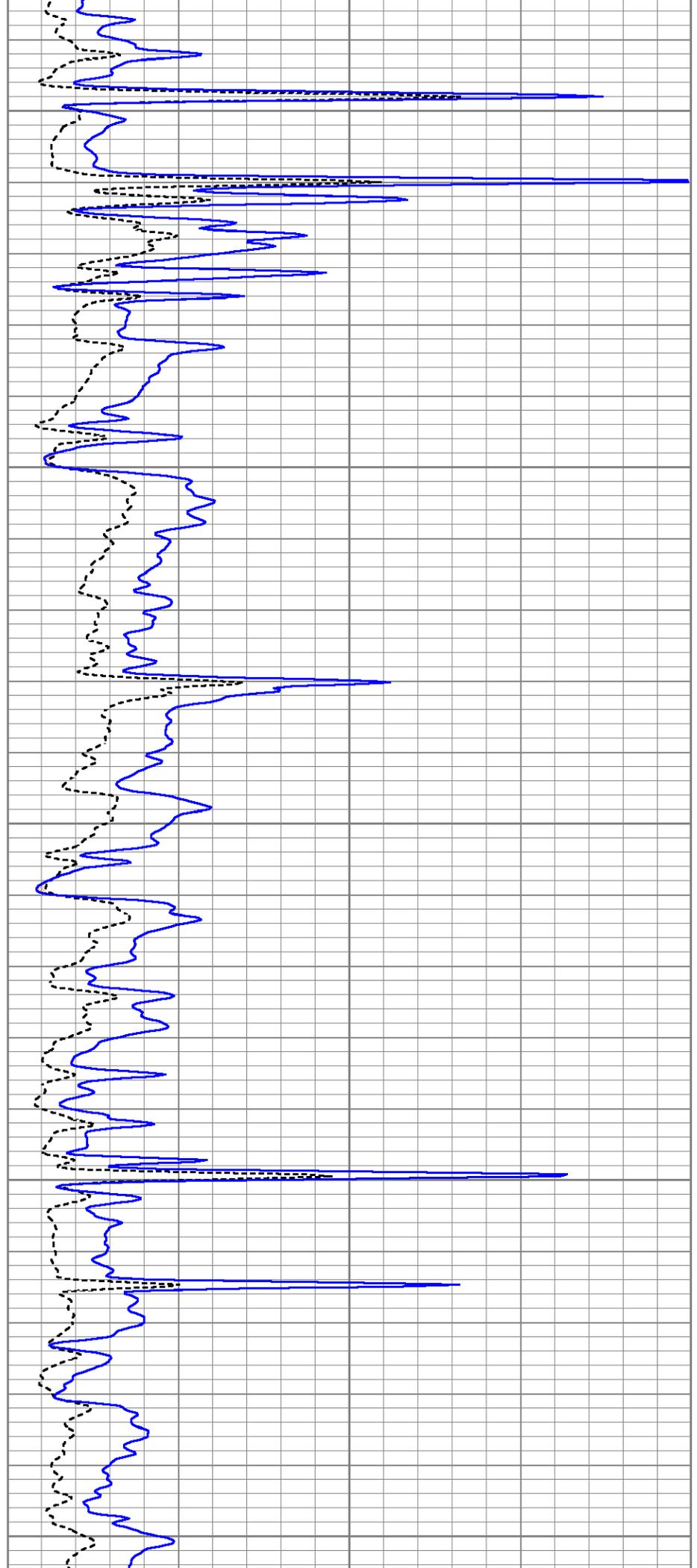
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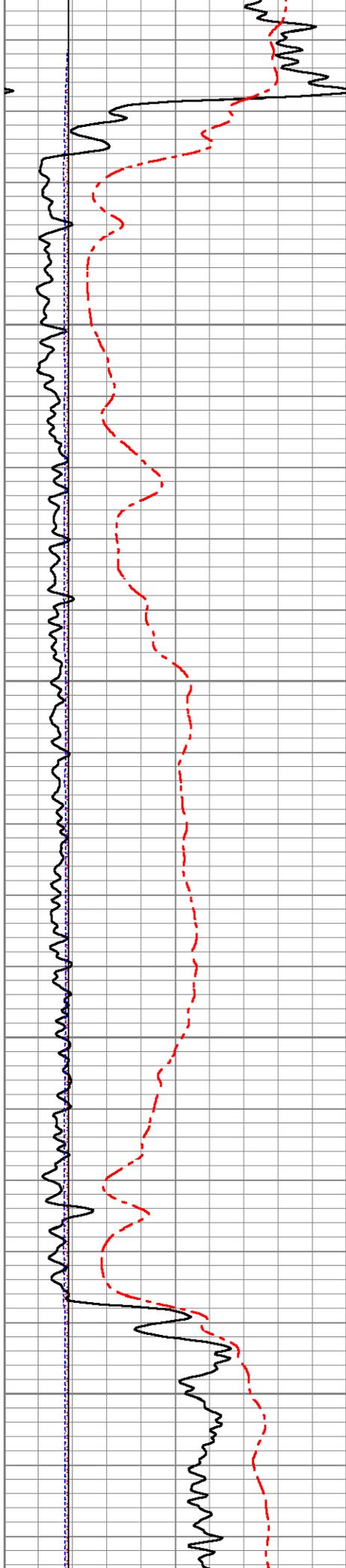
2050

2100

2150

2200



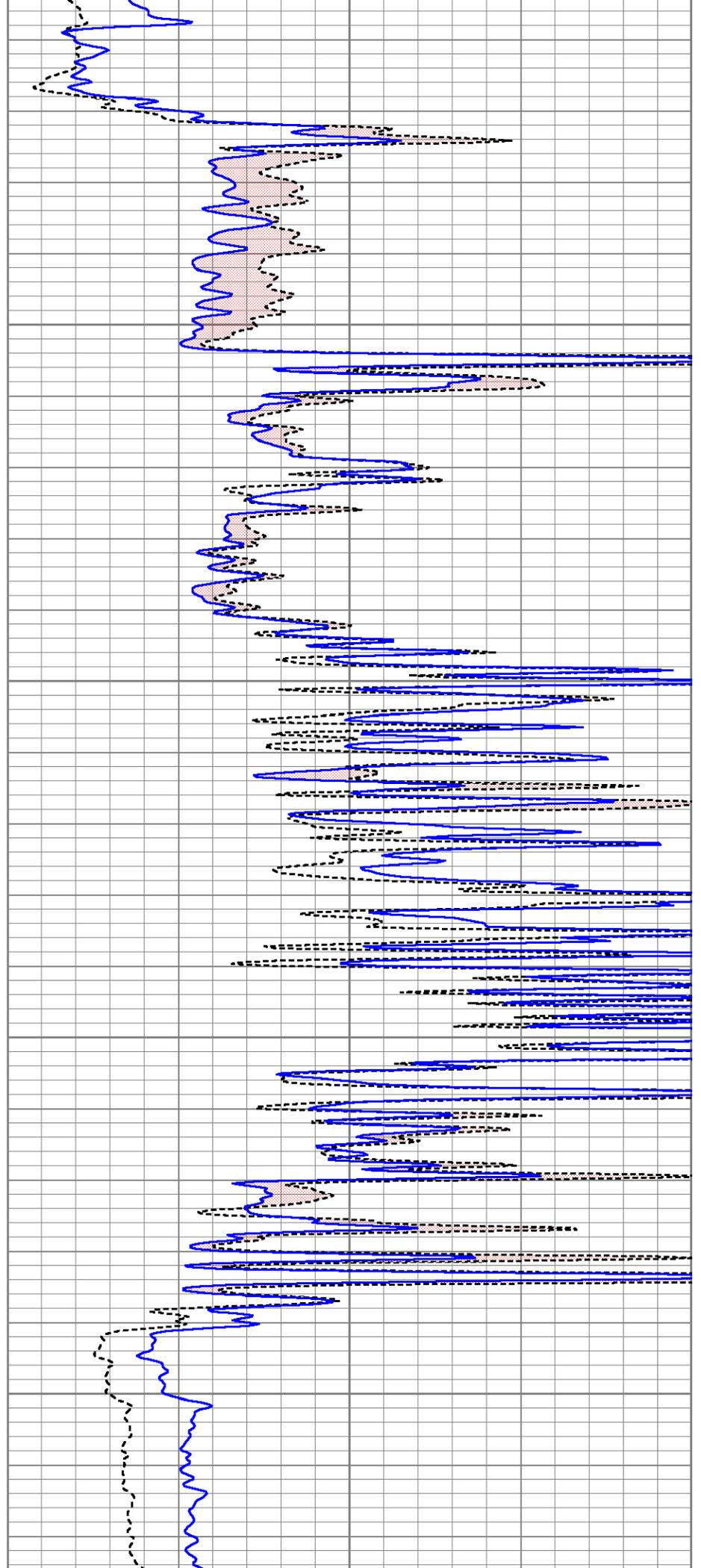


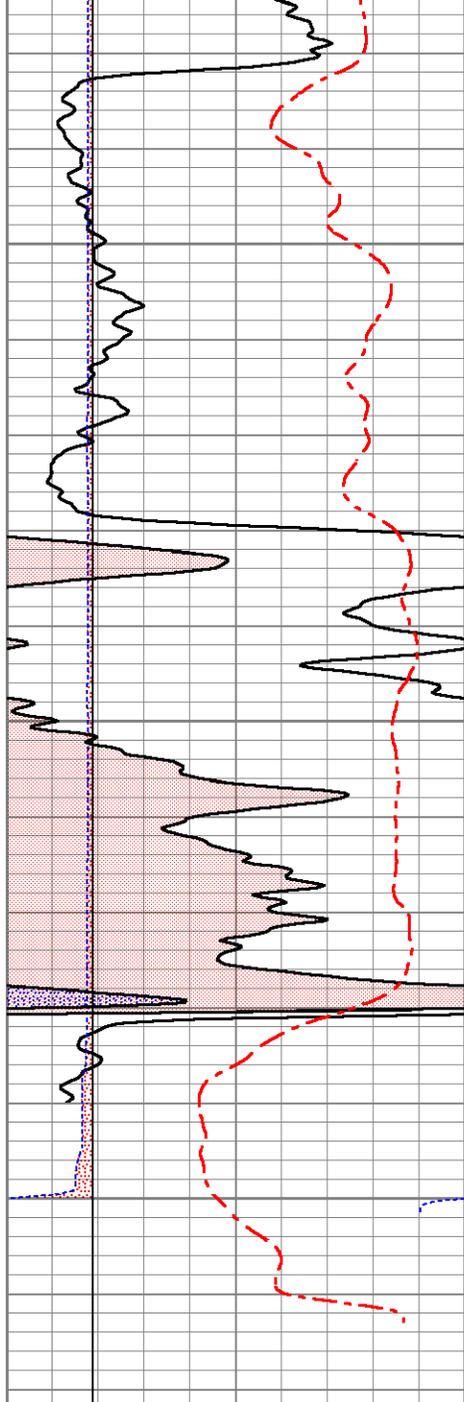
2250

2300

2350

2400



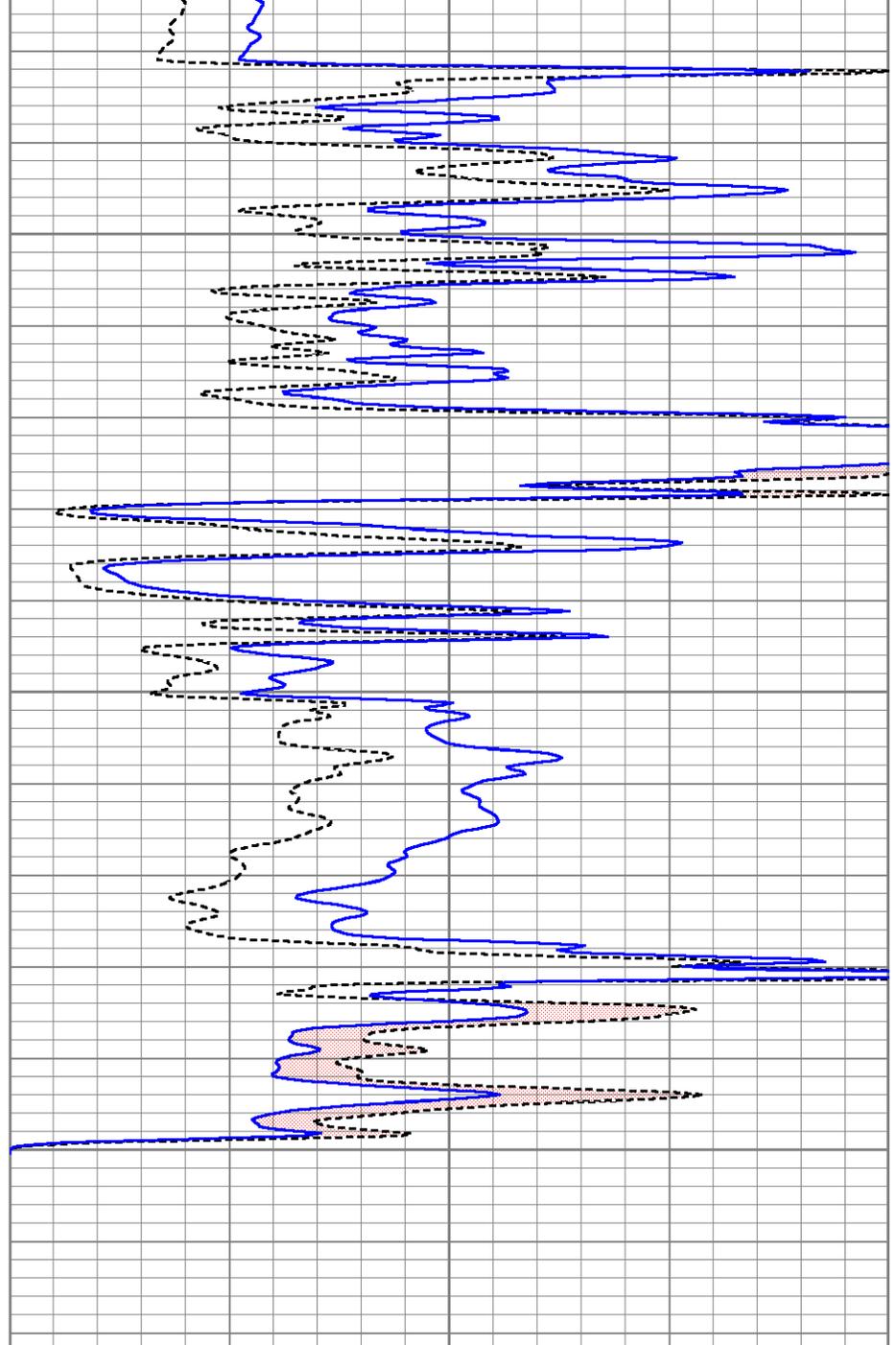


2450

2500

2550

| | | |
|---|----------------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Micro Caliper (in) | 16 |
| 6 | Bit Size (in) | 16 |
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| | | |
|---|-----------------------|----|
| 0 | Micro Normal (Ohm-m) | 40 |
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Calibration Report

Database File ow2-9028 lone wolf.db
 Dataset Pathname pass2
 Dataset Creation Tue Mar 22 09:35:47 2022

Dual Induction Calibration Report

Serial-Model: 5375-G
 Surface Cal Performed: Sun Mar 20 17:25:38 2022
 Downhole Cal Performed: Tue Nov 17 10:50:14 2020
 After Survey Verification Performed: Tue Nov 17 10:50:14 2020

Surface Calibration

Readings

References

Results

| Loop: | Air | Loop | | Air | Loop | | m | b |
|-----------|-------|-------|---|---------|---------|--------|---------|---------|
| Deep | 0.007 | 0.642 | V | 16.000 | 380.000 | mmho/m | 573.346 | 12.032 |
| Medium | 0.010 | 0.728 | V | -13.000 | 430.000 | mmho/m | 616.358 | -18.970 |
| Internal: | Zero | Cal | | Zero | Cal | | m | b |
| Deep | 0.007 | 0.642 | V | 0.000 | 350.000 | mmho/m | 550.717 | -3.768 |
| Medium | 0.010 | 0.729 | V | 0.000 | 550.000 | mmho/m | 764.510 | -7.354 |

| Downhole Calibration | | | | | | | | |
|----------------------|----------|---------|--------|------------|----------|--------|---------|-------|
| | Readings | | | References | | | Results | |
| | Zero | Cal | | Zero | Cal | | m' | b' |
| Deep | -2.869 | 354.028 | mmho/m | -0.044 | 350.323 | mmho/m | 0.982 | 2.773 |
| Medium | -3.741 | 414.629 | mmho/m | -0.037 | 400.340 | mmho/m | 0.957 | 3.543 |
| LL3 | | 9.500 | V | | 2000.000 | Ohm-m | | |
| | | 0.000 | V | | 20.000 | Ohm-m | | |
| | | -9.500 | V | | 5000.000 | mmho-m | | |

| After Survey Verification | | | | | | | | |
|---------------------------|----------|-------|--------|---------|---------|--------|---------|-------|
| | Readings | | | Targets | | | Results | |
| | Zero | Cal | | Zero | Cal | | m' | b' |
| Deep | 0.000 | 0.000 | mmho/m | -2.869 | 354.028 | mmho/m | 1.000 | 0.000 |
| Medium | 0.000 | 0.000 | mmho/m | -3.741 | 414.629 | mmho/m | 1.000 | 0.000 |
| LL3 | | 0.000 | Ohm-m | | 2.000 | Ohm-m | | |
| | | 0.000 | Ohm-m | | 500.000 | Ohm-m | | |
| | | 0.000 | mmho-m | | 1.000 | mmho-m | | |

Microlog Calibration Report

| | |
|-----------------------------|--------------------------------------|
| Serial-Model: Performed: | 01-Osage Sat Mar 12 10:36:52 2022 |
|-----------------------------|--------------------------------------|

| | Readings | | | References | | | Results | |
|---------|----------|--------|---|------------|---------|-------|----------|--------|
| | Zero | Cal | | Zero | Cal | | m | b |
| Normal | 0.0000 | 0.1000 | V | 0.0000 | 10.0000 | Ohm-m | 100.0000 | 0.0000 |
| Inverse | 0.0000 | 0.1000 | V | 0.0000 | 10.0000 | Ohm-m | 100.0000 | 0.0000 |
| Caliper | 0.3482 | 9.1366 | V | 5.4000 | 20.5000 | in | 1.7182 | 4.8017 |

Inclinometer Calibration Report

| | | | | | | |
|-----------------|-------------------------|------------|--|----------|-----------|-----|
| Performed: | Thu Oct 8 13:57:38 2020 | | | | | |
| | Low Read. | High Read. | | Low Ref. | High Ref. | |
| X Accelerometer | 205.00 | 1843.00 | | -1.00 | 1.00 | gee |
| Y Accelerometer | 205.00 | 1843.00 | | -1.00 | 1.00 | gee |
| Z Accelerometer | | | | | | gee |

Gamma Ray Calibration Report

| | |
|----------------|--------------------------|
| Serial Number: | Refurb01 |
| Tool Model: | OSAGE_01 |
| Performed: | Mon Jan 18 09:02:16 2021 |

| | | |
|---------------------|--------|----------|
| Calibrator Value: | 150.0 | GAPI |
| Background Reading: | 125.0 | cps |
| Calibrator Reading: | 875.0 | cps |
| Sensitivity: | 0.2000 | GAPI/cps |

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) | | | | | | |
|--------|-------------|-----------|---|-------------|-----------|-------------|--|--|--|--|--|--|
| ACCY | 31.04 | | ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it. | 3.69 | 3.25 | 53.00 | | | | | | |
| ACCX | 31.04 | | | | | | | | | | | |
| GR | 29.86 | | | | | | | | | | | |
| FRAMES | 28.54 | | | | | | | | | | | |
| SSTAT | 28.54 | | | | | | | | | | | |
| PSTAT | 28.54 | | | | | | | | | | | |
| ASTAT | 28.54 | | | | | | | | | | | |
| MI | 23.00 | | | | | | | | | | | |
| MN | 23.00 | | | | | | | | | | | |
| MCAL | 22.00 | | | | | | | | | | | |
| ASTAT2 | 21.33 | | | | | | | | | | | |
| SP | 10.92 | | | | | | | | | | | |
| CILD | 10.92 | | | | | | | | | | | |
| CILM | 7.00 | | | | | | | | | | | |
| RLL3 | 1.65 | | | | | | | | | | | |
| TR_Mon | 0.00 | | | | | | | | | | | |

Dataset: ow2-9028 lone wolf.db: field/well/run1/pass2
 Total length: 32.23 ft
 Total weight: 480.00 lb
 O.D.: 5.13 in