



RADIAL BOND LOG WITH GAMMA RAY

MIDWEST WIRELINE

Comp. Shakespeare Oil Company, Inc.
Well Wells #2-27 SWD
Field Unnamed
Co. Wichita
State Kansas

| | | | |
|------------------------|-------------------------------|------------------------|-----------|
| Company | Shakespeare Oil Company, Inc. | | |
| Well | Wells #2-27 SWD | | |
| Field | Unnamed | | |
| County | Wichita | State | Kansas |
| Location: | API # : 15-203-20394-0000 | | |
| Permanent Datum | SEC 27 | TWP 16S | RGE 35W |
| Log Measured From | 1540 FSL & 1360 FWL | Ground Level Elevation | 3197 |
| Drilling Measured From | KB 9' | Above Perm. Datum | |
| | Kelly Bushing | | Elevation |
| | | | K.B. 3206 |
| | | | D.F. 3204 |
| | | | G.L. 3197 |
| Other Services | Perforate | | |

| | | | |
|---------------------------|-------------|------|--------|
| Date of Service | 12/16/2024 | | |
| Run Number | One | | |
| Depth Driller or PBTID | 2500' | | |
| Depth Logger | 2450 | | |
| Bottom Log Interval | 2448 | | |
| Top Log Interval | Surface | | |
| Open Hole Size | 7.875 | | |
| Type Fluid | Water | | |
| Fluid Level | Full | | |
| Fluid Density | | | |
| Max. Recorded Temperature | | | |
| Max. Wellhead Pressure | 00 PSI | | |
| Wellhead Connection | Open | | |
| Estimated Cement Top | Surface | | |
| Unit Number | P-18 | | |
| Wireline Size | 5/16" | | |
| Location | Hays, KS | | |
| Recorded By | M. Hiss | | |
| Witnessed By | Brian Cable | | |
| | Size | WFt | Bottom |
| Tubing Record | | | |
| Surface Casing | 8.625 | 23 | 00' |
| Production Casing | 5.5" | 15.5 | 00' |
| Liner Record | | | |

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

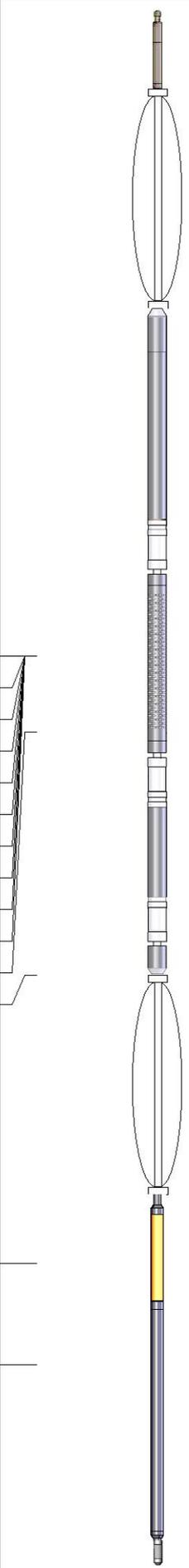
Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
Pence Kansas
West 6 Miles to Rd 22, 1.5 South, East Into on the North side of the grain Bins,
Then southeast to well.

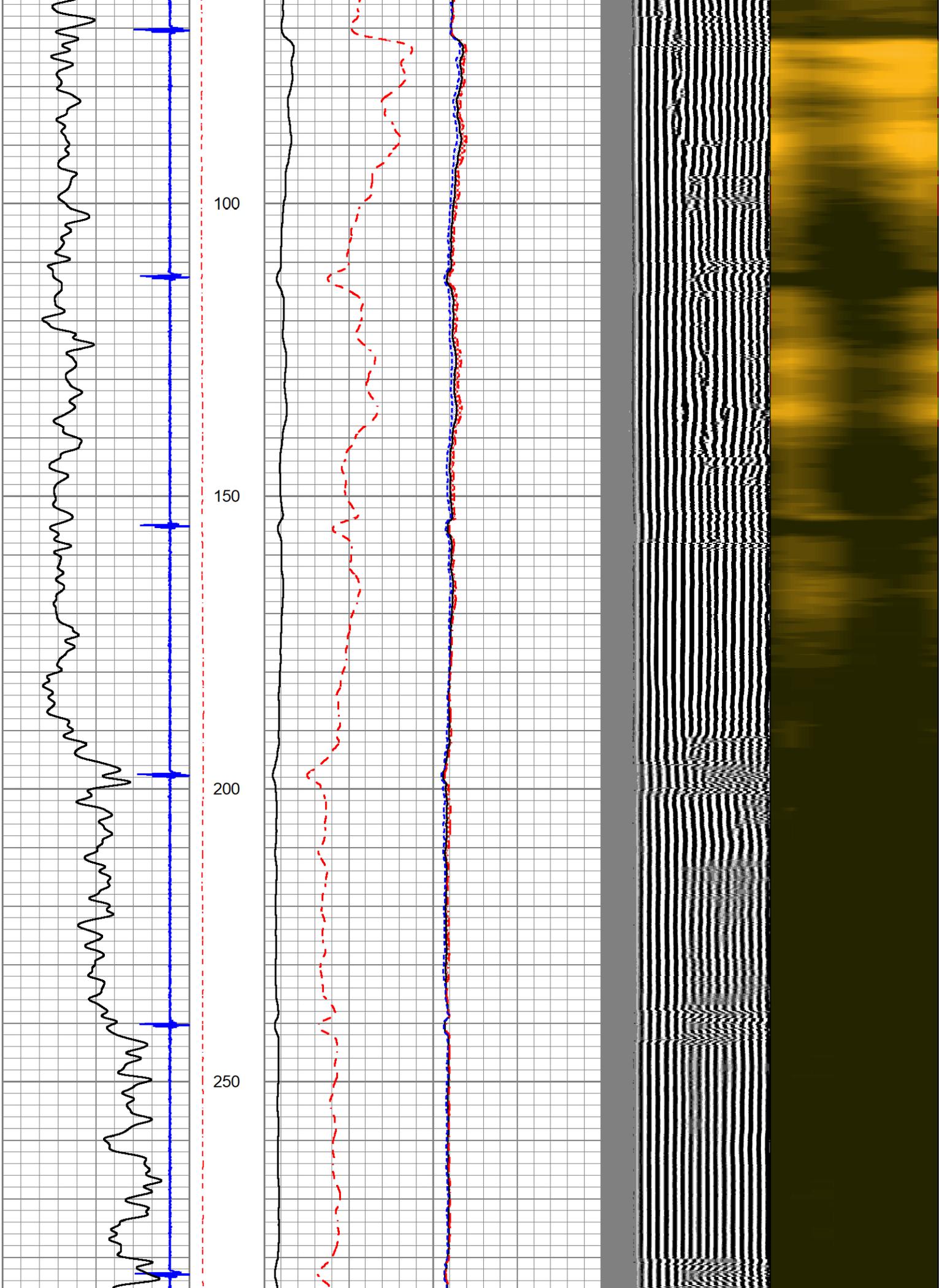
THANK YOU FOR USING MIDWEST WIRELINE LLC!

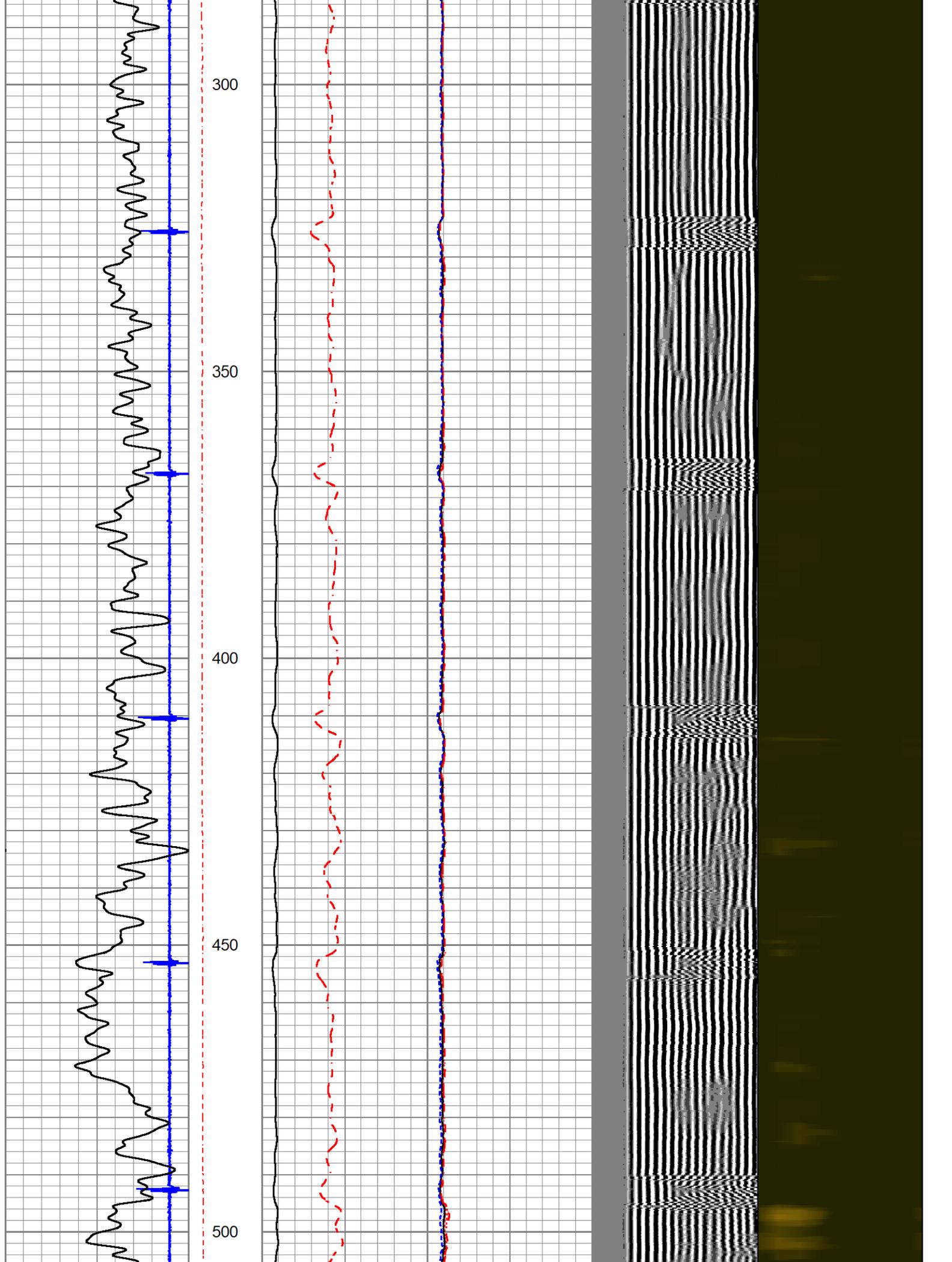
| | | |
|--|----------------------|---------------|
| Your Midwest Wireline Crew | Tool Data - Services | Serial Number |
| Engineer: M. Hiss Operator: J. Rome Operator: Operator: | | |

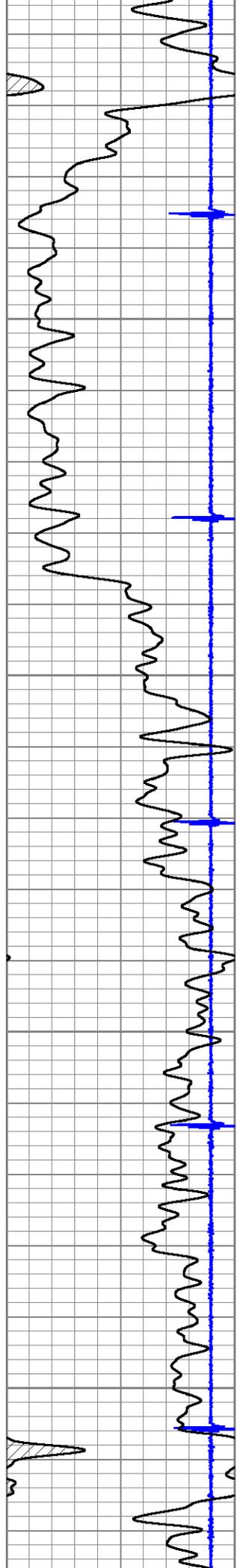
| | | | | | | |
|----------|-------------|-----------|-------------|-------------|-----------|-------------|
| Quantity | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|----------|-------------|-----------|-------------|-------------|-----------|-------------|

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|----------|-------------|---|---|-------------|-----------|-------------|
| | |  | Cable Head-Titan_144 1 7/16" Titan Cable Head | 1.03 | 1.44 | 2.00 |
| | | | Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer | 2.88 | 2.75 | 15.00 |
| WVFS8 | 11.94 | | PROBE-RBT-DIGITAL-RBL-D (PR-013) Probe 2 3/4" Radii Bond-Digital | 8.75 | 2.75 | 100.00 |
| WVFS7 | 11.94 | | | | | |
| WVFS6 | 11.94 | | | | | |
| WVFS5 | 11.94 | | | | | |
| WVFS4 | 11.94 | | | | | |
| WVFS3 | 11.94 | | | | | |
| WVFS2 | 11.94 | | | | | |
| WVFS1 | 11.94 | | | | | |
| WVFCAL | 11.94 | | | | | |
| WVF3FT | 11.94 | | | | | |
| WVF5FT | 10.94 | | | | | |
| HEADVOLT | 7.75 | | | | | |
| | | | Centralizer-275 Probe 2 3/4" Probe Adjustable Spring Centralizer | 2.88 | 2.75 | 15.00 |
| CCL | 3.96 | | | | | |
| GR | 2.63 | | GR_CCL-2 3/4" Probe (060802) | 4.54 | 2.75 | 50.00 |
| | | | Bullnose-PROBE Probe Go Pin Pressure Cap | 0.33 | 1.38 | 1.00 |

Dataset: shakespeare_wells_#2_27_swd_scb1.db: field/well/run1/pass3
 Total length: 20.41 ft
 Total weight: 183.00 lb
 O.D.: 2.75 in





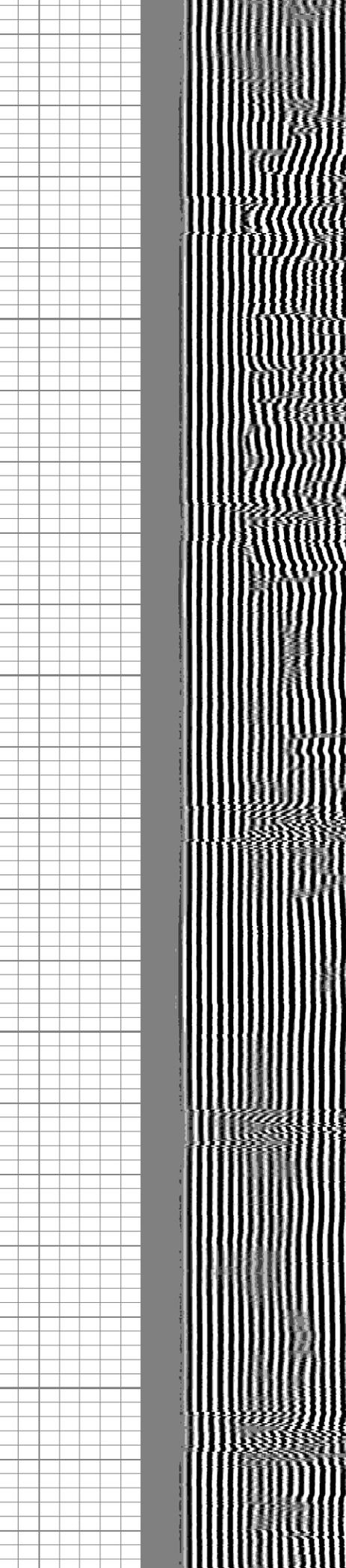
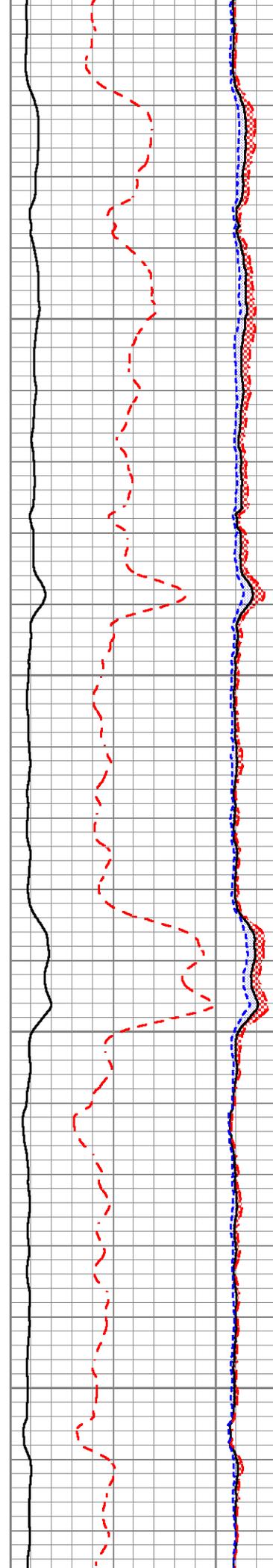


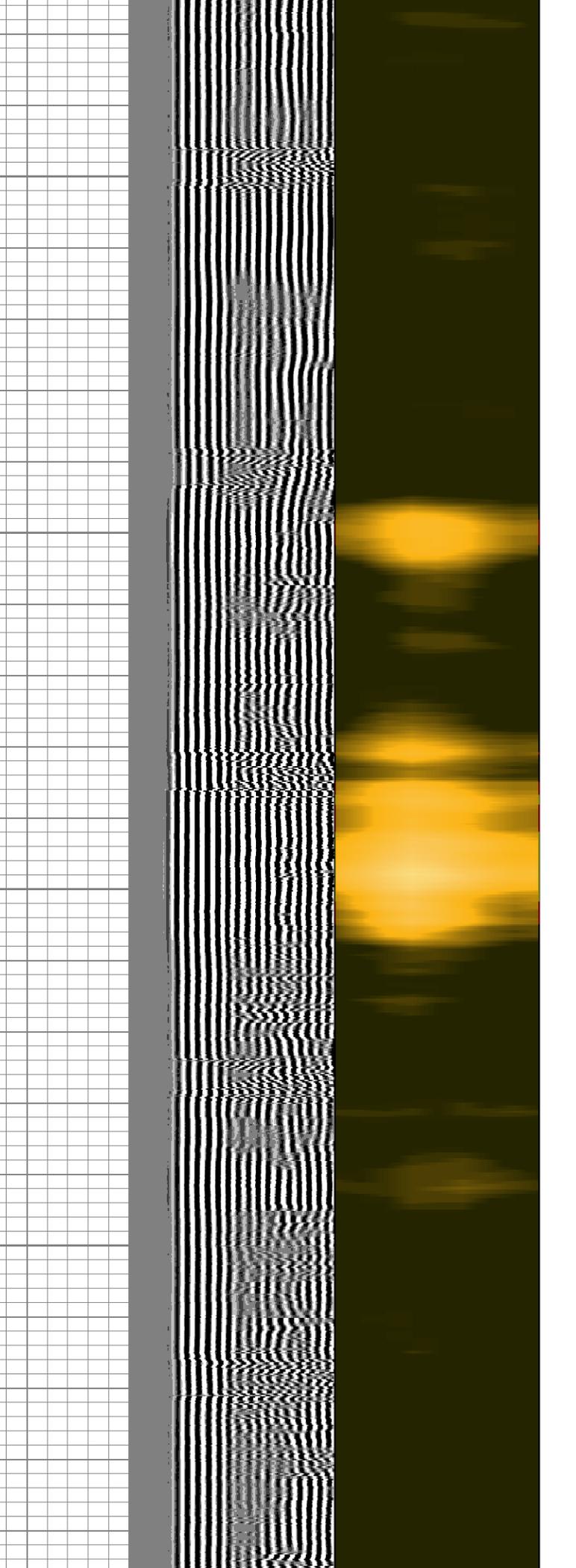
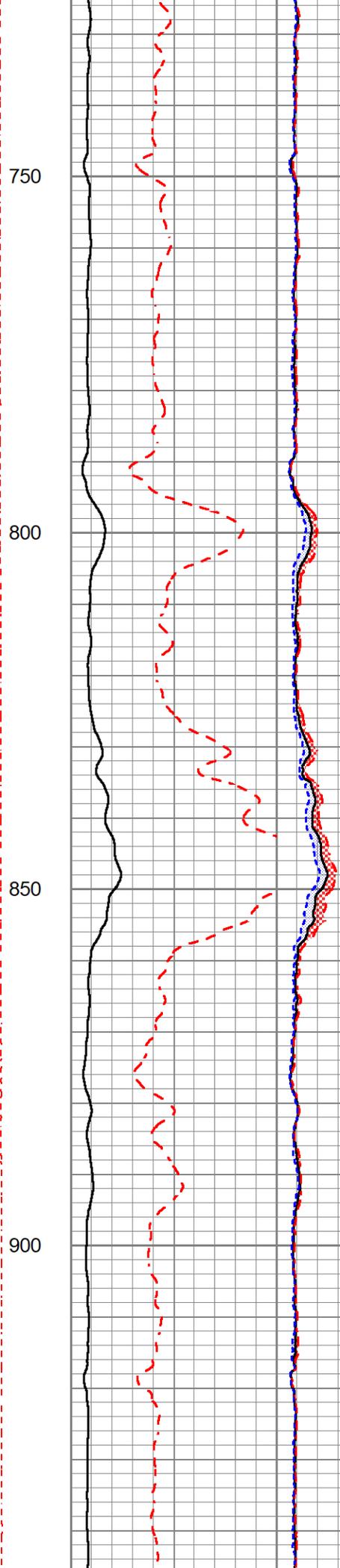
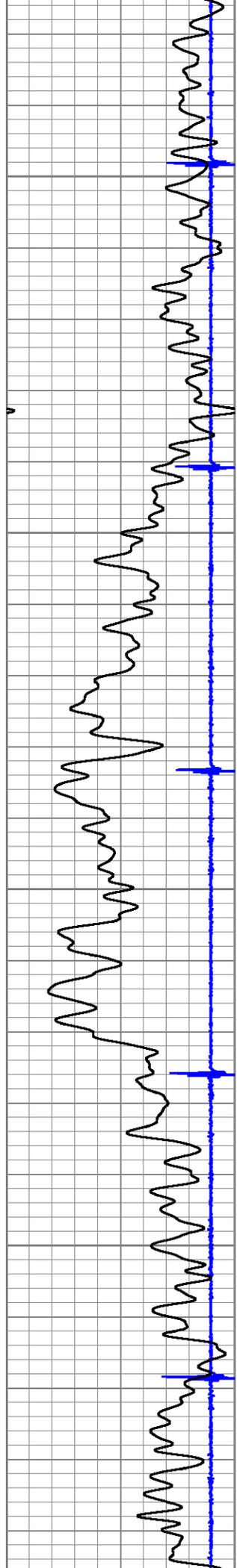
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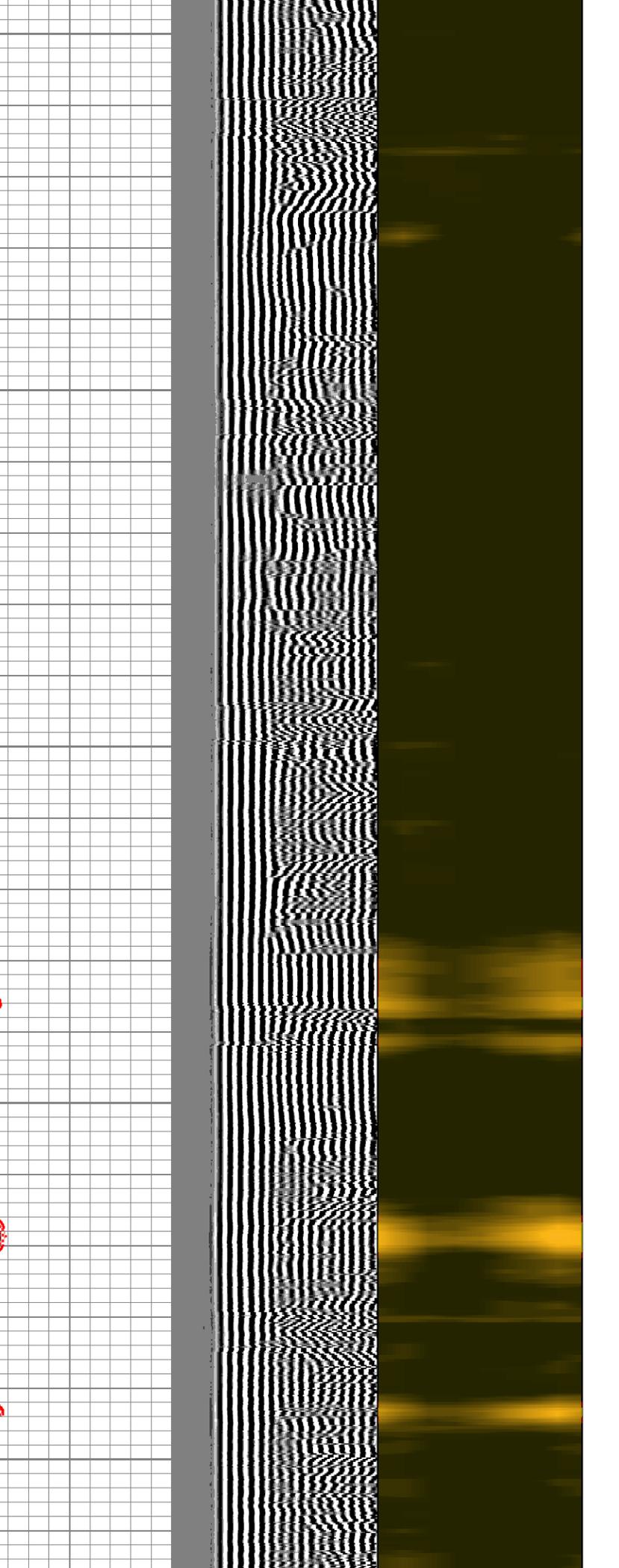
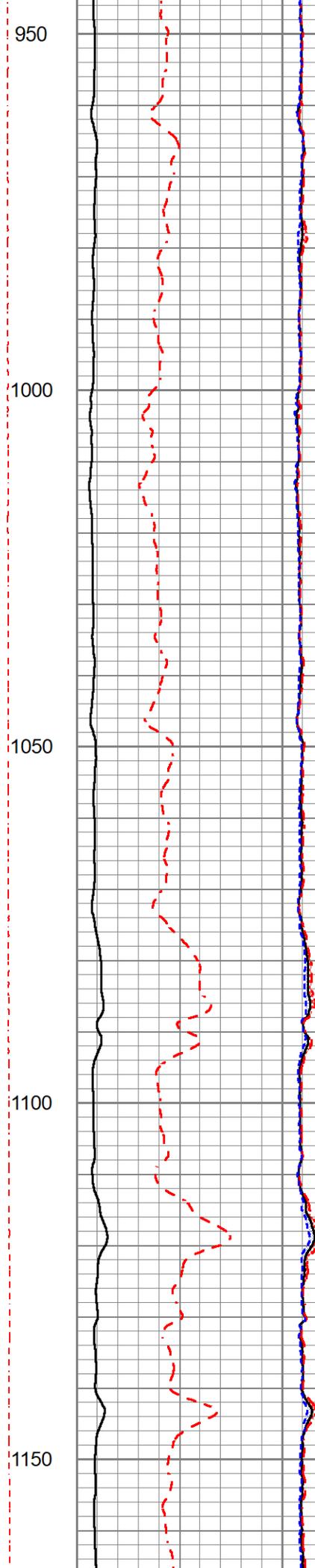
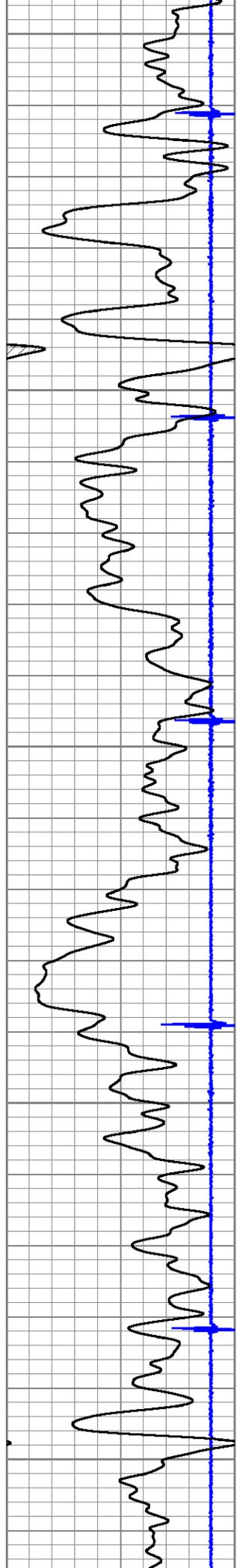
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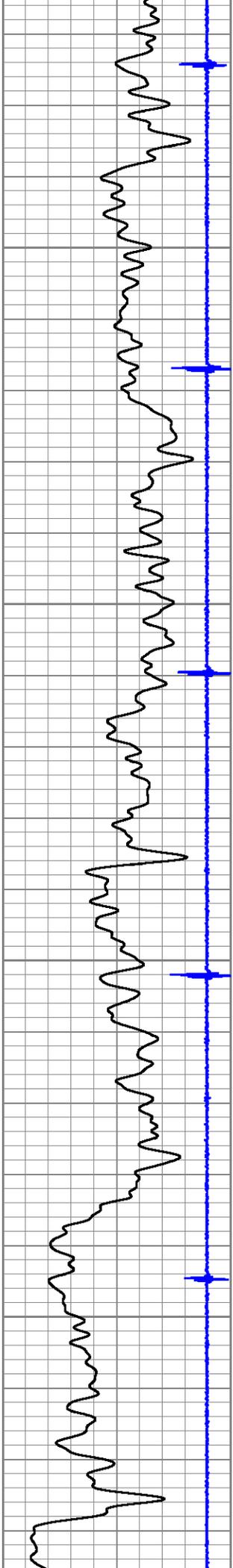
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700

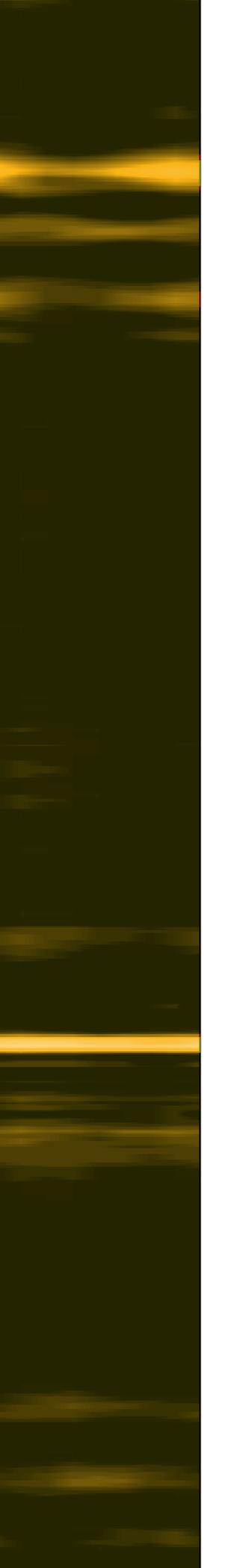
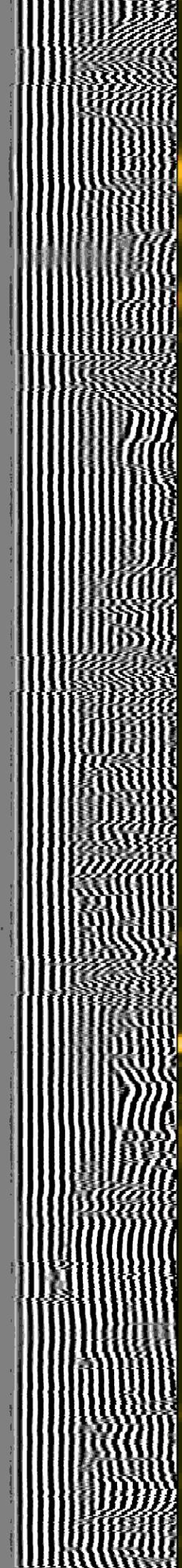
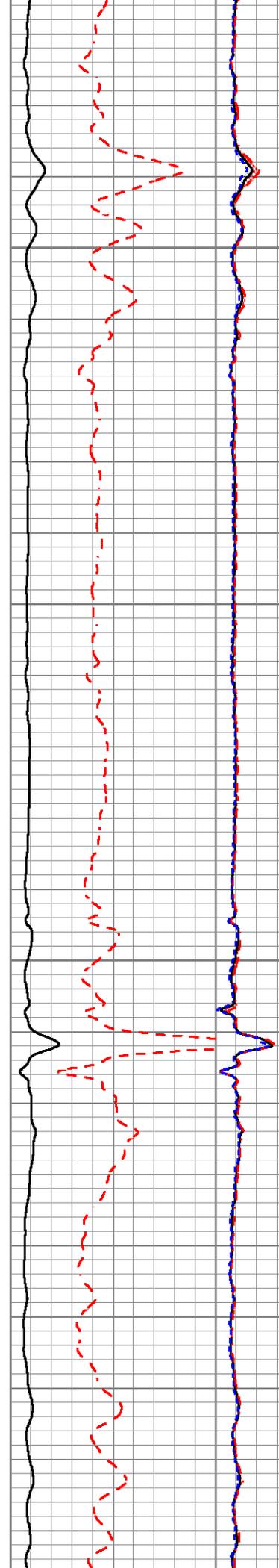


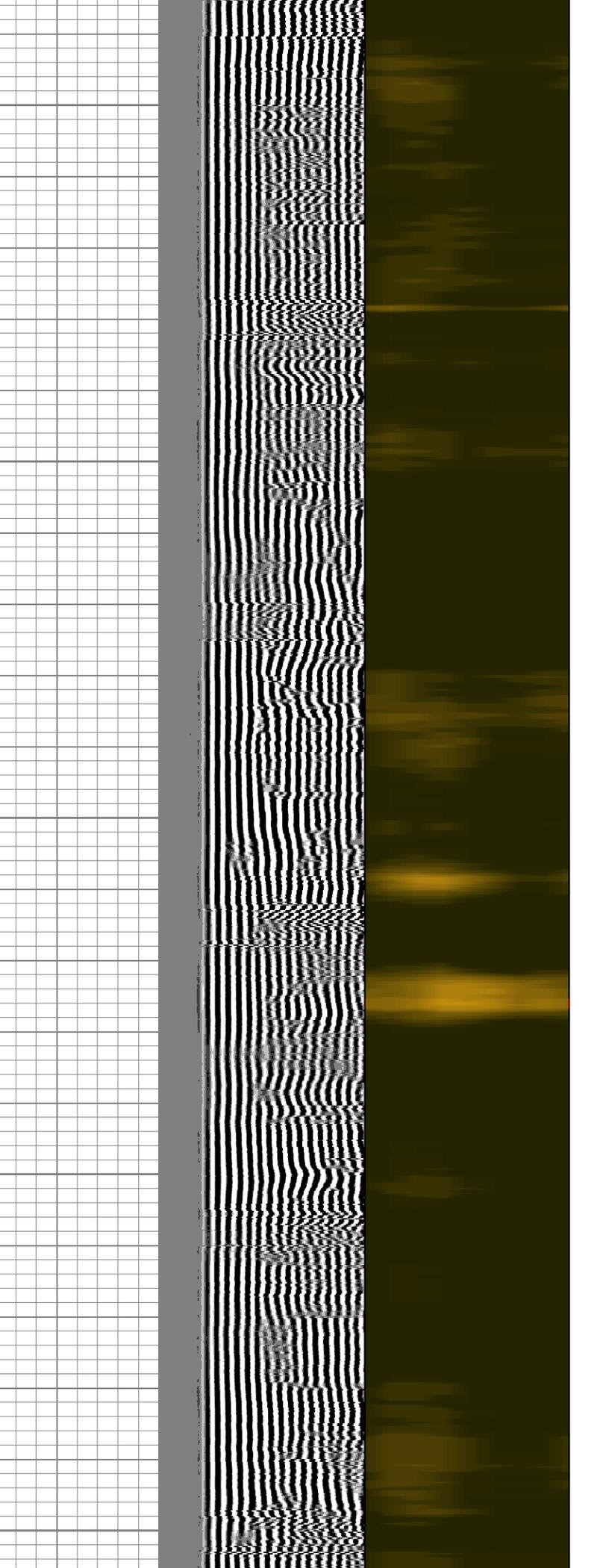
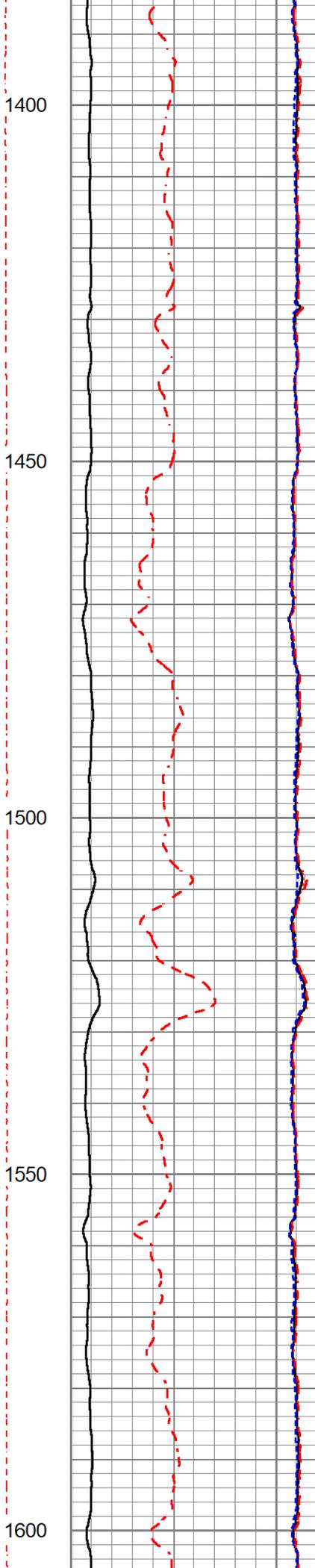
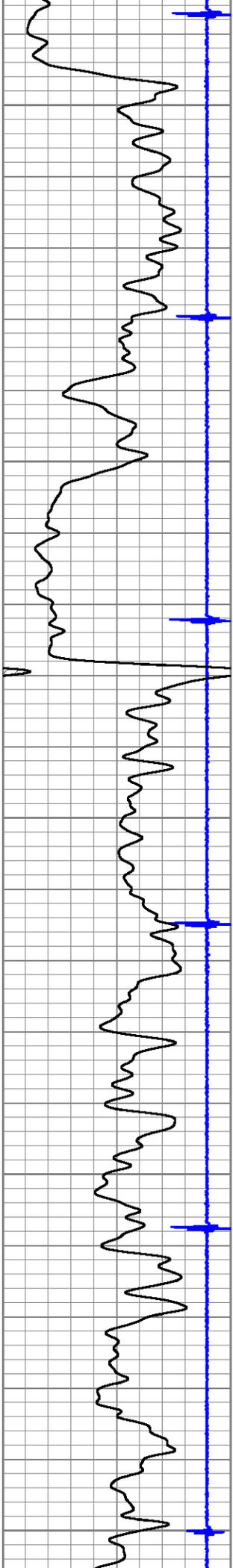


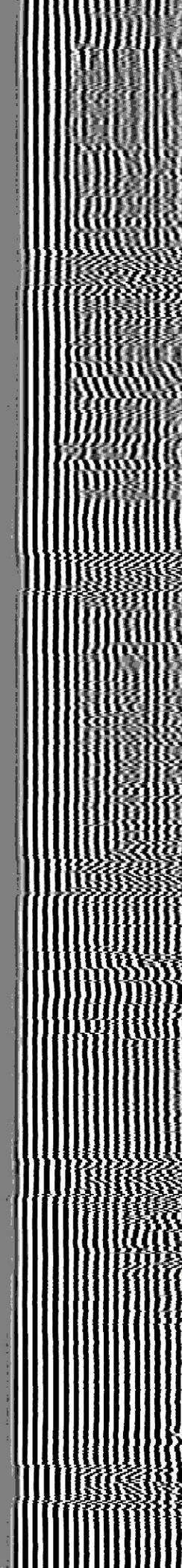
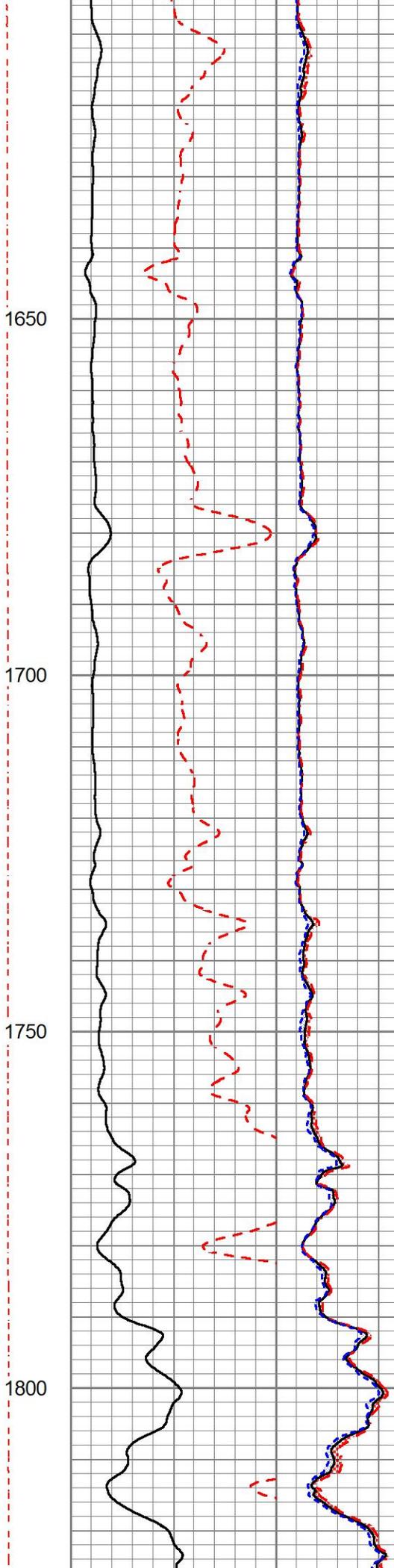
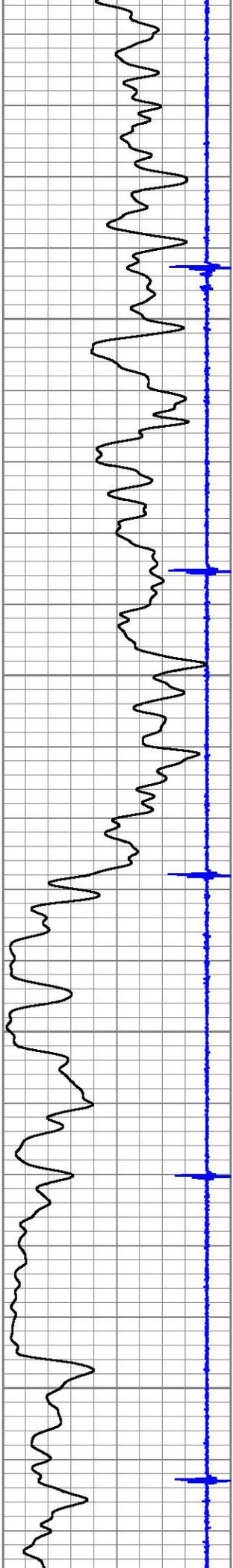


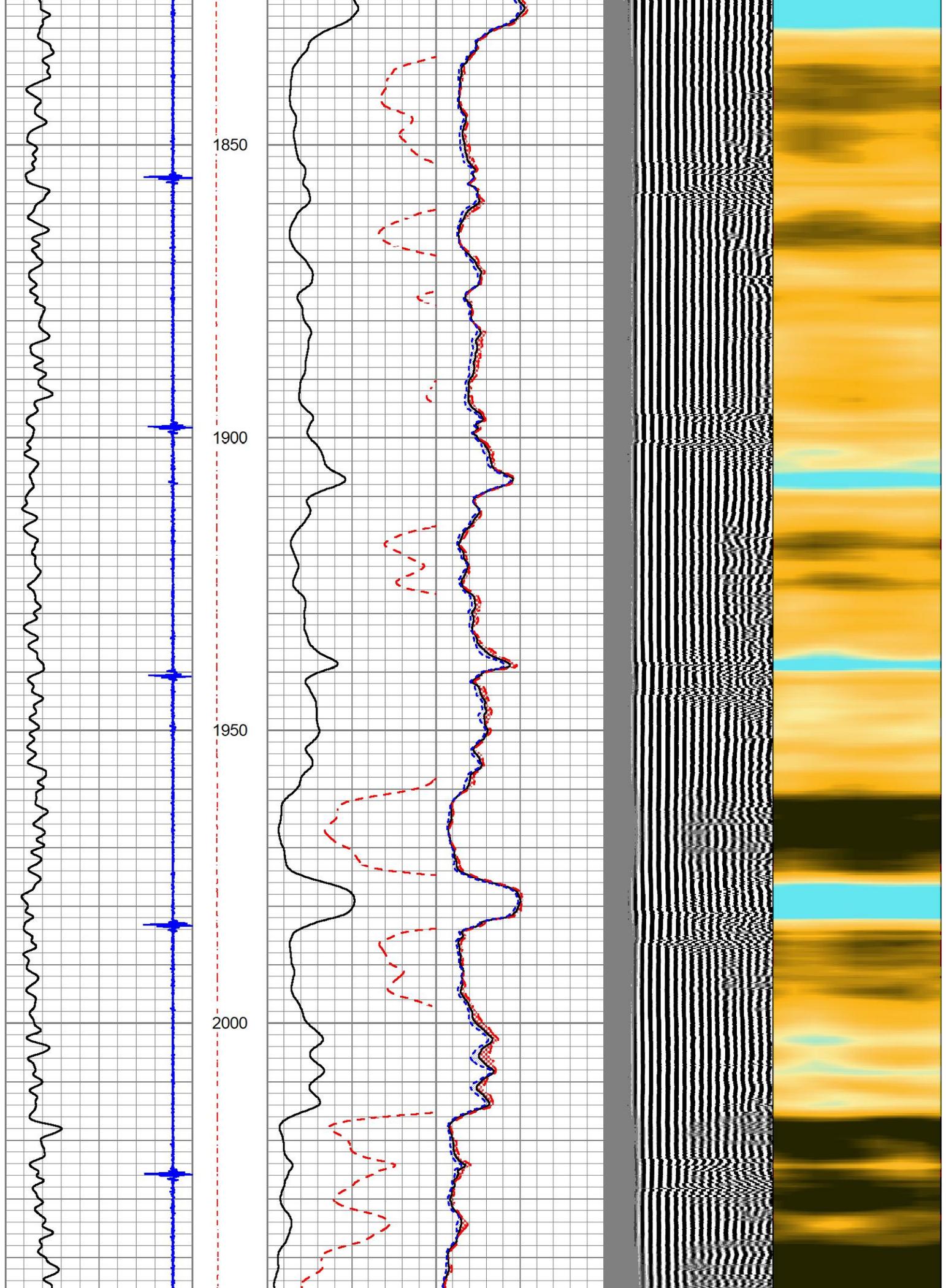


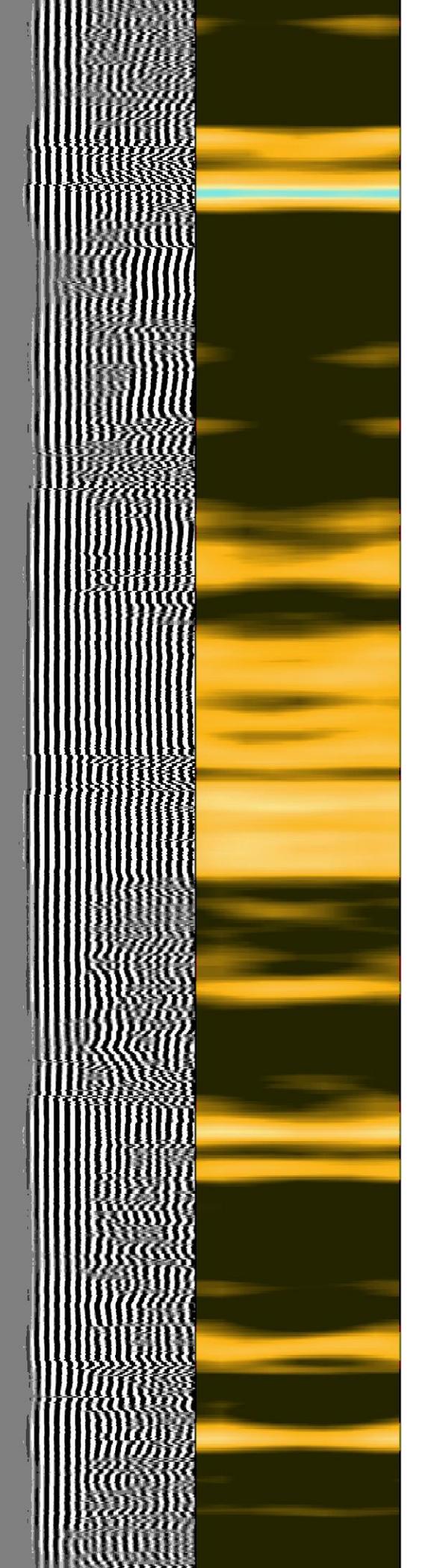
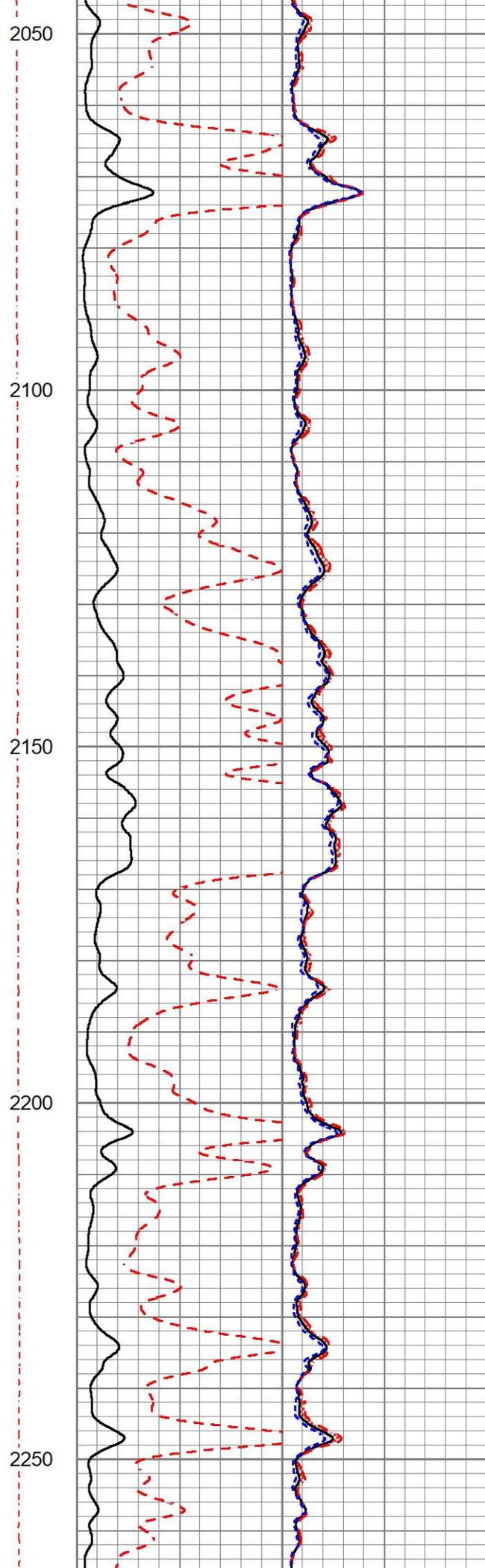
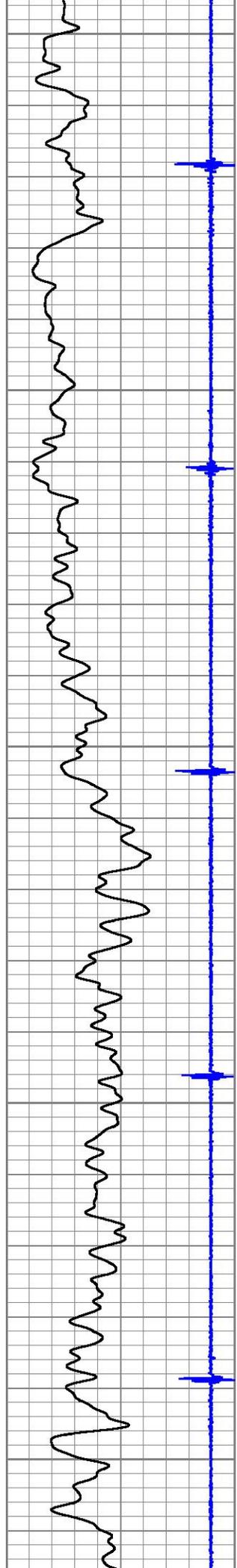
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1250
1300
1350

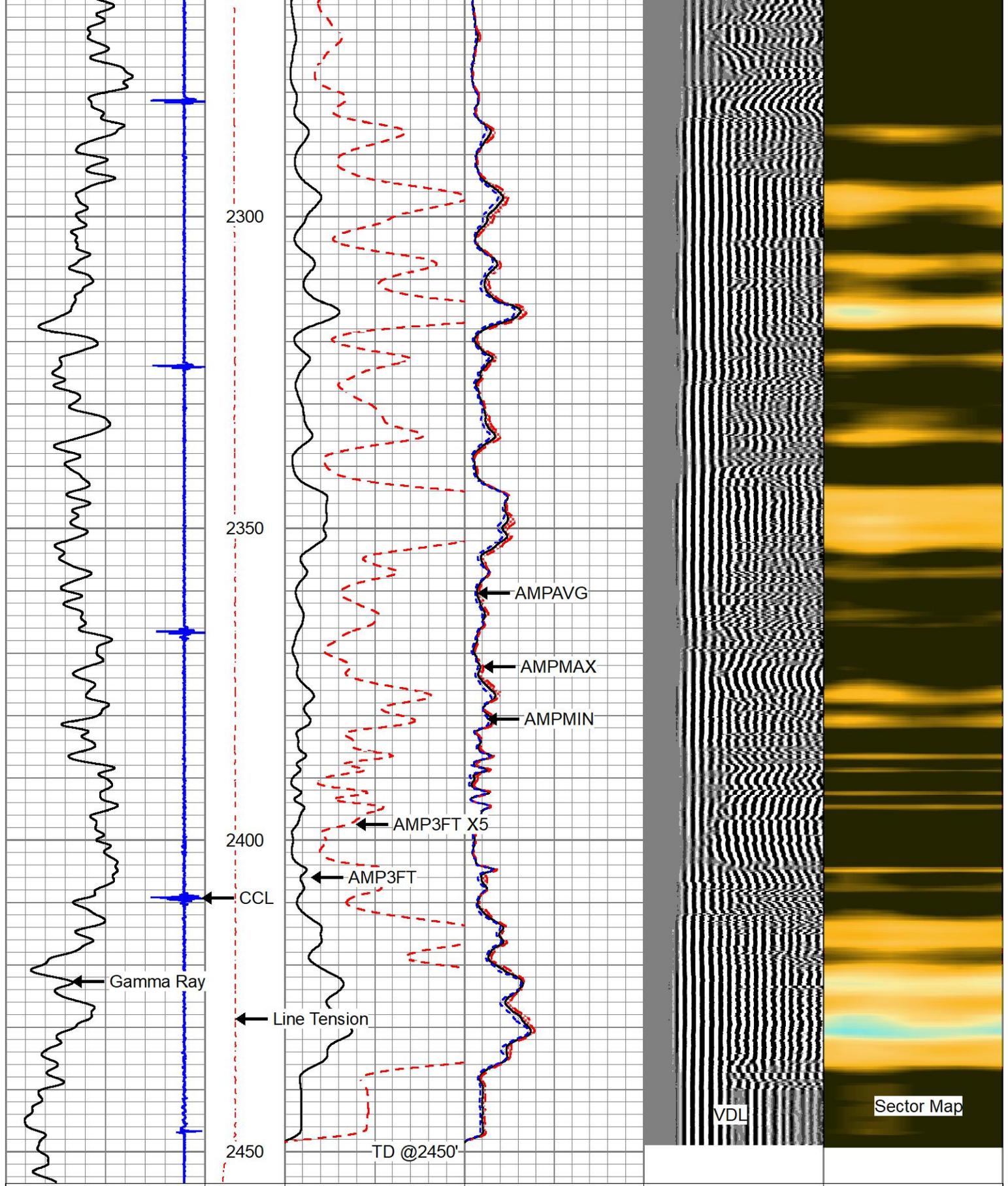












| | | | | | | | | | | | | | | | |
|----|----------------|-----|--------------|---|---------------------------------|-----|--------------------------|---|-----|-----|------------|------|---|------------|---|
| -9 | Collar Locator | 1 | Line Tension | 0 | 3' Amplitude (mV) | 100 | Sector Amplitude Average | 0 | 150 | 200 | VDL (usec) | 1200 | 1 | Sector Map | 8 |
| 0 | Gamma Ray | 150 | 0 (12000) | 0 | 3' Amplified Amplitude X 5 (mV) | 20 | Sector Amplitude Maximum | 0 | 150 | | | | | | |

Sector
Amplitude Minimum
0 150

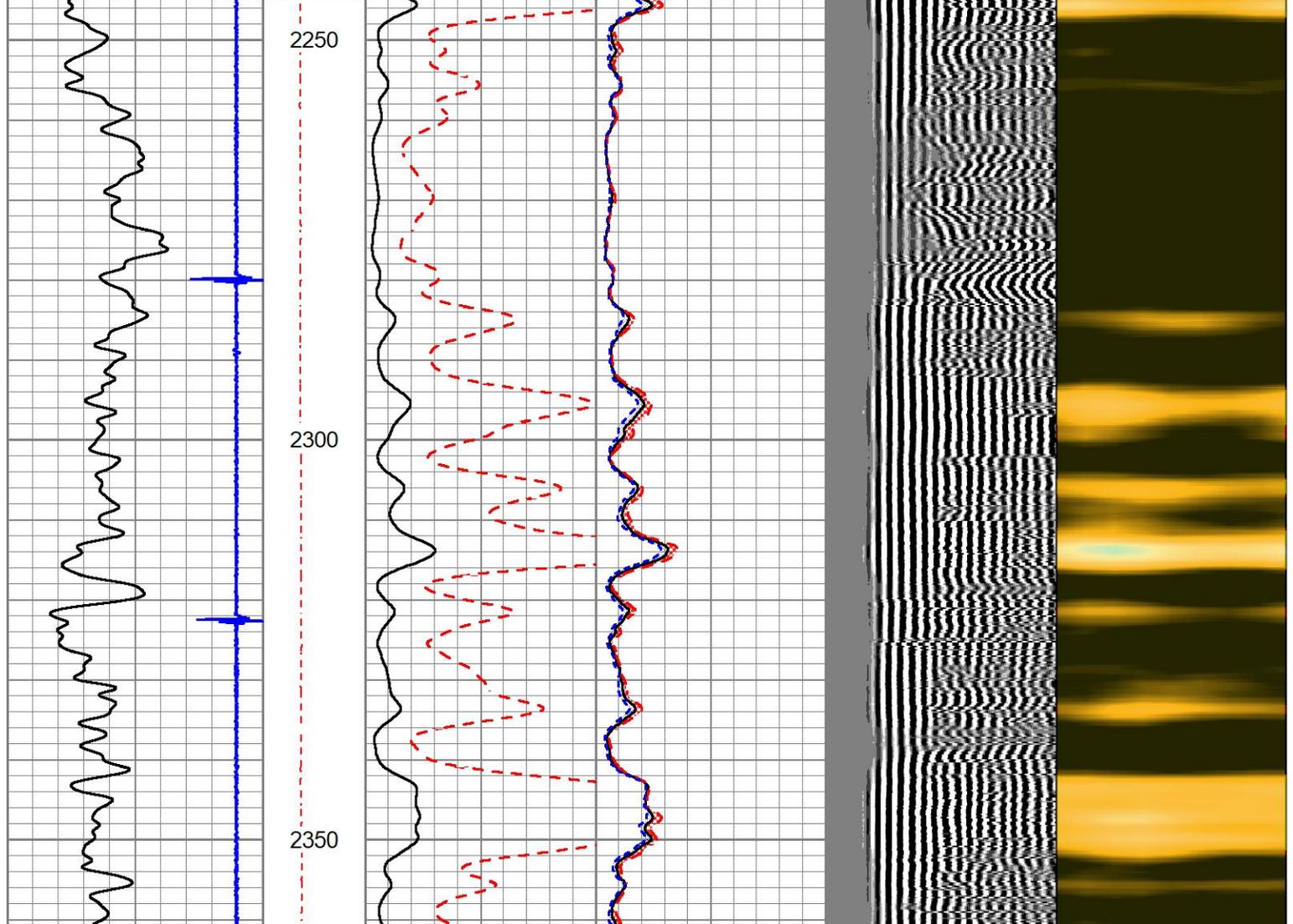


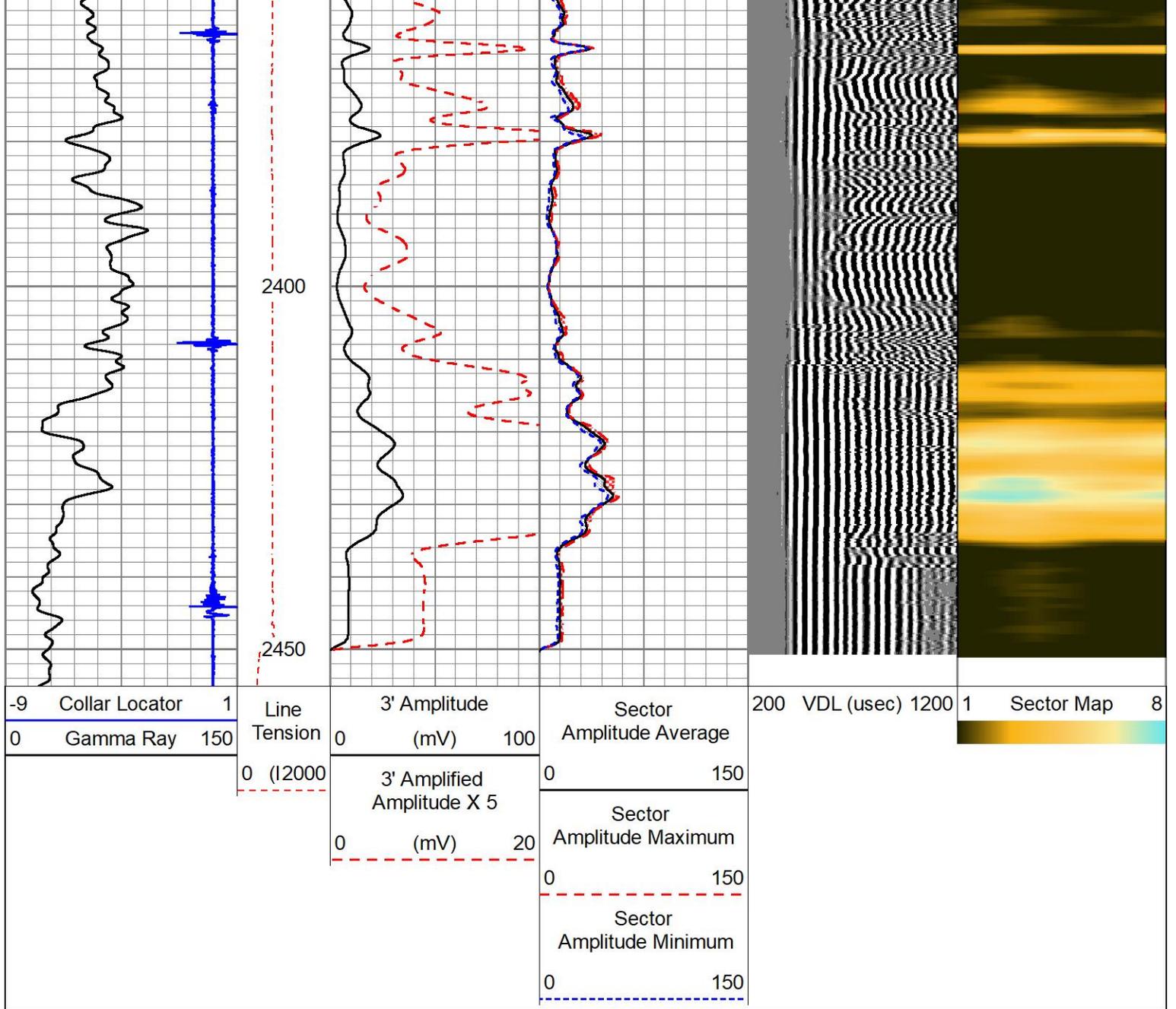
REPEAT SECTION

ZERO PSI APPLIED AT SURFACE

Database File shakespeare_wells_#2_27_swd_scbl.db
 Dataset Pathname pass2.1
 Presentation Format pinr_scbl
 Dataset Creation Mon Dec 16 10:06:41 2024
 Charted by Depth in Feet scaled 1:240

| | | | | | | | | | | | | | |
|----|----------------|-----|-----------------|-----------|----------------------|-------------------------------|-----------------------------|-----------------------------|------------|------|---|------------|---|
| -9 | Collar Locator | 1 | Line Tension | 0 | 3' Amplitude (mV) | 100 | Sector Amplitude Average | 200 | VDL (usec) | 1200 | 1 | Sector Map | 8 |
| 0 | Gamma Ray | 150 | | 0 (12000) | 0 | 3' Amplified Amplitude X 5 | | 20 | 0 | 150 | | | |
| | | | | | | | | Sector Amplitude Maximum | | | | | |
| | | | | | | | | 0 | | 150 | | | |
| | | | | | | | | Sector Amplitude Minimum | | | | | |
| | | | | | | | | 0 | | 150 | | | |





Calibration Report

Database File shakespeare_wells_#2_27_swd_scbl.db
 Dataset Pathname pass2
 Dataset Creation Mon Dec 16 09:12:47 2024

Gamma Ray Calibration Report

Serial Number: 060802
 Tool Model: 2 3/4" Probe
 Performed: Wed Jan 10 10:37:39 2024

Calibrator Value: 1.0

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 /cps

Segmented Cement Bond Log Calibration Report

Serial Number: PR-013
 Tool Model: RBL-D

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3171.885 ft

Master Calibration, performed Mon Nov 11 15:14:43 2024:

| | Raw (v) | | Calibrated (mv) | | Results | |
|-----|---------|-------|-----------------|---------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | 0.007 | 2.226 | 0.700 | 71.921 | 32.105 | 0.466 |
| CAL | 0.006 | 1.504 | | | | |
| 5' | 0.007 | 2.249 | 0.700 | 71.921 | 31.757 | 0.493 |
| SUM | | | | | | |
| S1 | 0.008 | 2.201 | 0.000 | 100.000 | 45.596 | -0.377 |
| S2 | 0.008 | 2.291 | 0.000 | 100.000 | 43.807 | -0.353 |
| S3 | 0.008 | 2.311 | 0.000 | 100.000 | 43.422 | -0.348 |
| S4 | 0.008 | 2.279 | 0.000 | 100.000 | 44.017 | -0.336 |
| S5 | 0.008 | 2.210 | 0.000 | 100.000 | 45.415 | -0.345 |
| S6 | 0.008 | 2.173 | 0.000 | 100.000 | 46.183 | -0.356 |
| S7 | 0.007 | 2.142 | 0.000 | 100.000 | 46.853 | -0.343 |
| S8 | 0.007 | 2.148 | 0.000 | 100.000 | 46.711 | -0.343 |

Air Zero Calibration, performed Mon Dec 16 08:51:36 2024:

| | Raw (v) | | Calibrated (v) | | Results | |
|-----|---------|--|----------------|--|---------|--|
| | Zero | | Zero | | Offset | |
| 3' | 0.017 | | 0.000 | | -0.010 | |
| 5' | 0.031 | | 0.000 | | -0.025 | |
| SUM | | | | | | |
| S1 | 0.022 | | 0.000 | | -0.013 | |
| S2 | 0.020 | | 0.000 | | -0.012 | |
| S3 | 0.025 | | 0.000 | | -0.017 | |
| S4 | 0.020 | | 0.000 | | -0.012 | |
| S5 | 0.020 | | 0.000 | | -0.013 | |
| S6 | 0.018 | | 0.000 | | -0.011 | |
| S7 | 0.023 | | 0.000 | | -0.016 | |
| S8 | 0.019 | | 0.000 | | -0.012 | |



Company Shakespeare Oil Company, Inc.
 Well Wells #2-27 SWD
 Field Unnamed
 County Wichita
 State Kansas