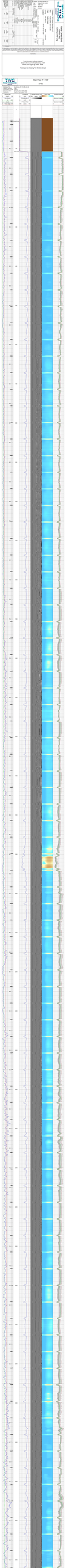
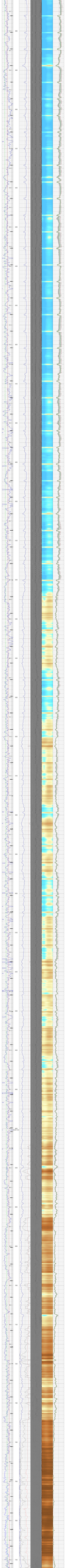
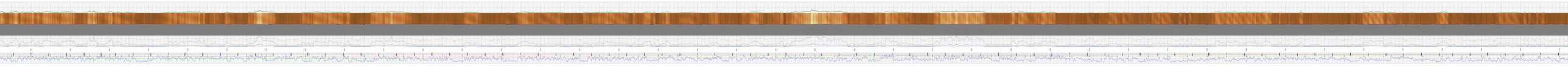
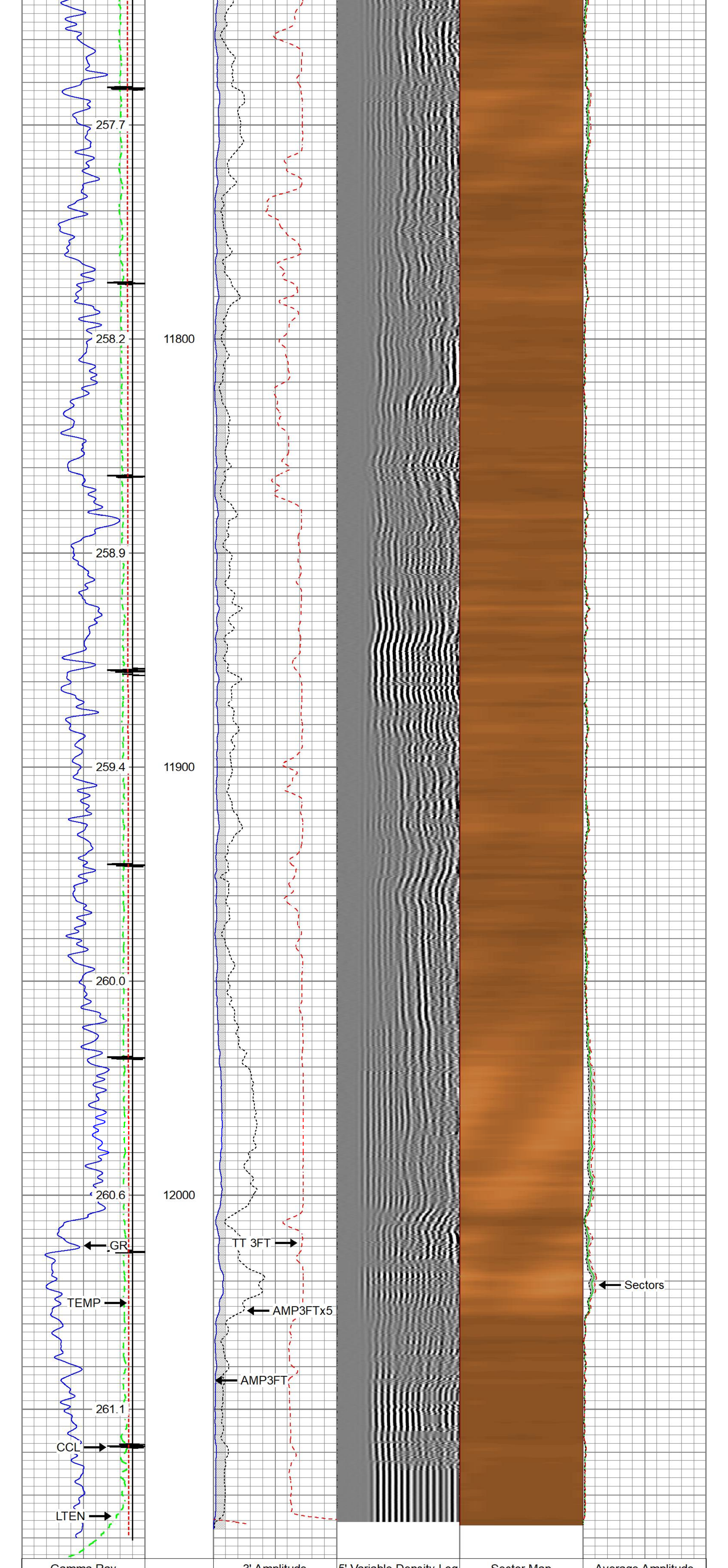

Main Pass 5" = 100'
Main Pass 2" = 100'








| Gamma Ray | | 3' Amplitude | 5' Variable Density Log | Sector Map | Average Amplitude |
|---|---|---|---|---|---|
| 0 (GAPI) 150 | | 0 (mV) 100 | 200 (usec) 1200 | | 0 120 |
| Line Tension | | 3' Amplitude x 5 | | | Mimimum Amplitude |
| 0 (lb) 4000 | | 0 (mV) 20 | | | 0 120 |
| -9 CCL$1 1 | | 3' Travel Time | | | Maximum Amplitude |
| 0 Temp (degF) 300 | | 650 (usec) 150 | | | 0 120 |

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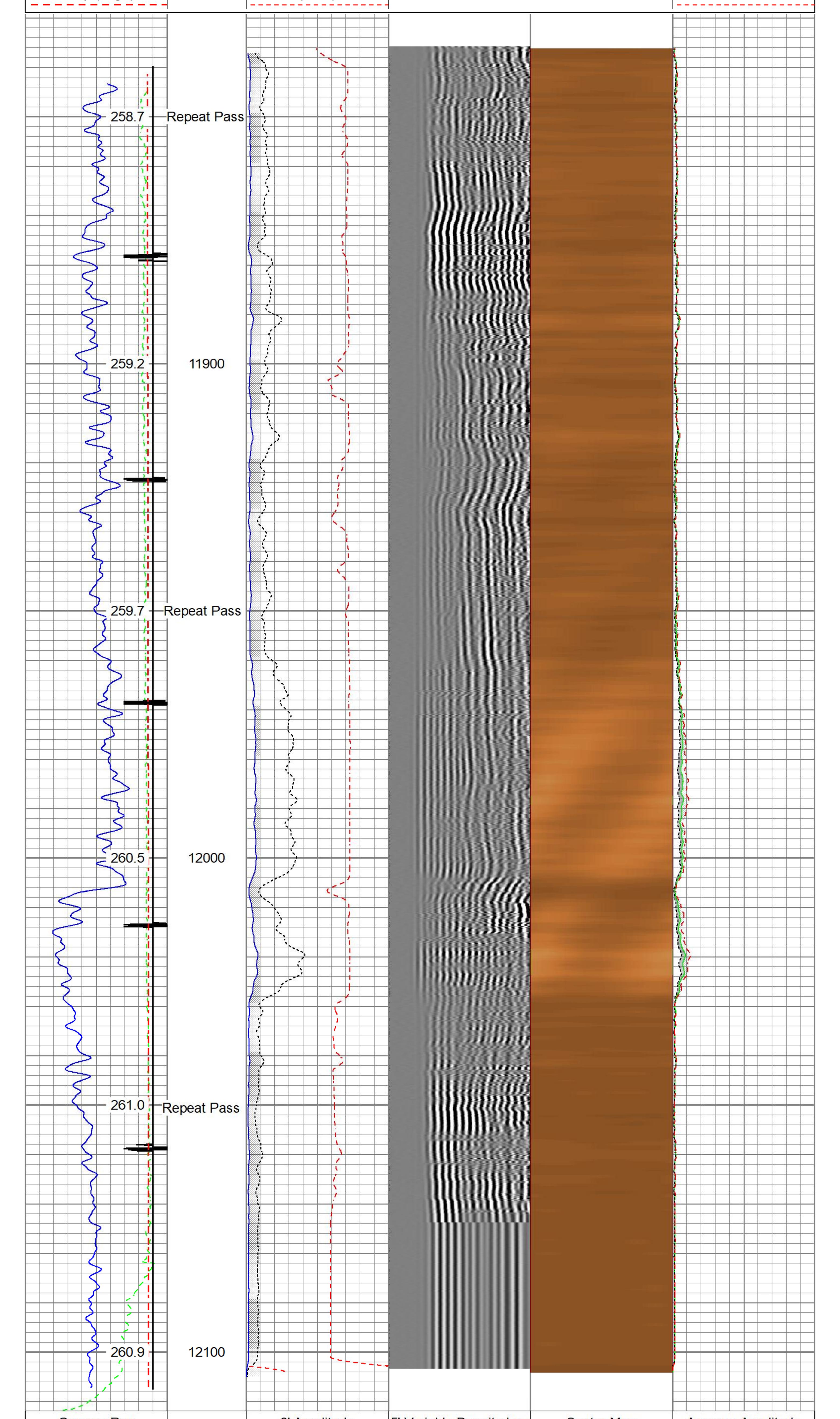
## Repeat Pass 5" = 100'

(0 PSI)

| | |
|---|---|
| Database File | tep_fed_rg_331-14-298_rcbl.db |
| Dataset Pathname | repeat |
| Presentation Format | twgrcbl |
| Dataset Creation | Mon Dec 02 12:37:56 2024 |
| Charted by | Depth in Feet scaled 1:240 |

| Gamma Ray | | 3' Amplitude | 5' Variable Density Log | Sector Map | Average Amplitude |
|---|---|---|---|---|---|
| 0 (GAPI) 150 | | 0 (mV) 100 | 200 (usec) 1200 | | 0 120 |
| Line Tension | | 3' Amplitude x 5 | | | Mimimum Amplitude |
| 0 (lb) 4000 | | 0 (mV) 20 | | | 0 120 |
| -9 CCL$1 1 | | 3' Travel Time | | | Maximum Amplitude |
| 0 Temp (degF) 300 | | 650 (usec) 150 | | | 0 120 |




| Gamma Ray | | 3' Amplitude | 5' Variable Density Log | Sector Map | Average Amplitude |
|---|---|---|---|---|---|
| 0 (GAPI) 150 | | 0 (mV) 100 | 200 (usec) 1200 | | 0 120 |
| Line Tension | | 3' Amplitude x 5 | | | Mimimum Amplitude |
| 0 (lb) 4000 | | 0 (mV) 20 | | | 0 120 |
| -9 CCL$1 1 | | 3' Travel Time | | | Maximum Amplitude |
| 0 Temp (degF) 300 | | 650 (usec) 150 | | | 0 120 |

## Calibration Report

| | |
|---|---|
| Database File | tep_fed_rg_331-14-298_rcbl.db |
| Dataset Pathname | main1 |
| Dataset Creation | Mon Dec 02 12:45:58 2024 |

### Gamma Ray Calibration Report

| | | |
|---|---|---|
| Serial Number: | FW1401-17 | |
| Tool Model: | 50-GCT275-0000 | |
| Performed: | Mon Dec 2 11:59:52 2024 | |
| Calibrator Value: | 148.8 | GAPI |
| Background Reading: | 74.9 | cps |
| Calibrator Reading: | 301.0 | cps |
| Sensitivity: | 0.6579 | GAPI/cps |

### Inclinometer Calibration Report

Performed: Fri Oct 20 14:22:50 2023

| | Low Read. | High Read. | Low Ref. | High Ref. | |
|---|---|---|---|---|---|
| X Accelerometer | -903.00 | 892.00 | -1.00 | 1.00 | gee |
| Y Accelerometer | -900.00 | 901.00 | -1.00 | 1.00 | gee |
| Z Accelerometer | 6.33 | -897.73 | 0.00 | 1.00 | gee |

### Segmented Cement Bond Log Calibration Report

| | | |
|---|---|---|
| Serial Number: | 120662 | |
| Tool Model: | Probe275acc | |
| Calibration Casing Diameter: | 4.500 | in |
| Calibration Depth: | 40.008 | ft |

Master Calibration, performed Mon Dec 2 08:32:27 2024:

| | Raw (v) | | Calibrated (mv) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | 0.001 | 0.796 | 0.250 | 81.196 | 101.824 | 0.141 |
| CAL | 0.005 | 0.747 | | | | |
| 5' | 0.002 | 0.741 | 0.250 | 81.196 | 109.506 | 0.009 |
| SUM | | | | | | |
| S1 | 0.002 | 0.759 | 0.000 | 100.000 | 131.948 | -0.203 |
| S2 | 0.002 | 0.791 | 0.000 | 100.000 | 126.742 | -0.280 |
| S3 | 0.002 | 0.809 | 0.000 | 100.000 | 123.947 | -0.278 |
| S4 | 0.002 | 0.835 | 0.000 | 100.000 | 120.029 | -0.261 |
| S5 | 0.003 | 0.845 | 0.000 | 100.000 | 118.704 | -0.326 |
| S6 | 0.002 | 0.828 | 0.000 | 100.000 | 120.976 | -0.217 |
| S7 | 0.002 | 0.819 | 0.000 | 100.000 | 122.387 | -0.211 |
| S8 | 0.002 | 0.792 | 0.000 | 100.000 | 126.582 | -0.210 |

Internal Reference Calibration, performed (Not Performed):

| | Raw (v) | | Calibrated (v) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | 0.000 | 0.000 | 0.005 | 0.747 | 1.000 | 0.000 |

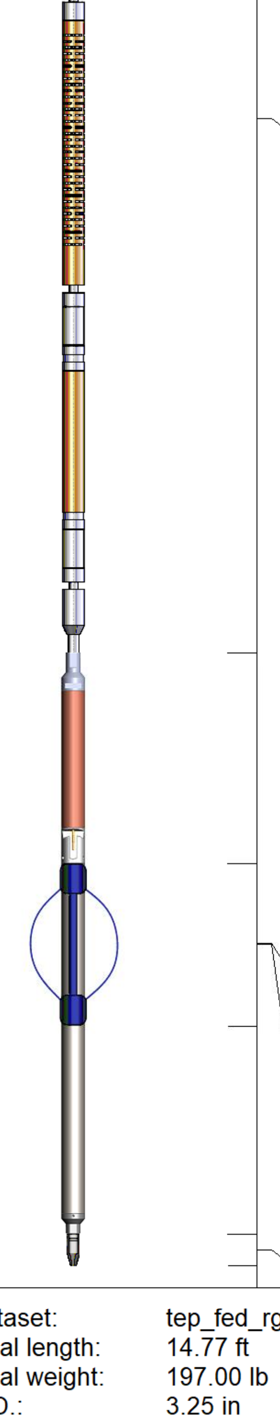
Air Zero Calibration, performed Mon Dec 2 08:33:05 2024:

| | Raw (v) | Calibrated (v) | Results |
|---|---|---|---|
| | Zero | Zero | Offset |
| 3' | 0.001 | 0.000 | 0.000 |
| 5' | 0.002 | 0.000 | -0.000 |
| SUM | | | |
| S1 | 0.002 | 0.000 | -0.000 |
| S2 | 0.002 | 0.000 | 0.001 |
| S3 | 0.001 | 0.000 | 0.001 |
| S4 | 0.001 | 0.000 | 0.001 |
| S5 | 0.002 | 0.000 | 0.001 |
| S6 | 0.001 | 0.000 | 0.001 |
| S7 | 0.001 | 0.000 | 0.000 |
| S8 | 0.002 | 0.000 | -0.000 |

### Inclinometer Calibration Report

Performed: (Not Performed)

| | Low Read. | High Read. | Low Ref. | High Ref. | |
|---|---|---|---|---|---|
| X Accelerometer | 0.00 | 1.00 | 0.00 | 1.00 | gee |
| Y Accelerometer | 0.00 | 1.00 | 0.00 | 1.00 | gee |
| Z Accelerometer | 0.00 | 1.00 | 0.00 | 1.00 | gee |

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb |
|---|---|---|---|---|---|---|
| GCT_FMWR | 14.77 |  | | | | |
| mSec_Count | 14.77 | | Cable-Head-Titan 1 7/16" Cable Head | 1.00 | 1.44 | 1.00 |
| RBT_Status | 14.77 | | | | | |
| Error_Ct | 14.77 | | | | | |
| | | | SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer | 1.33 | 3.25 | 10.00 |
| WVFS8 | 9.27 | | RBT8acc-Probe275acc (120662) 2.75" Radial Corrosion with accelerometer | 8.75 | 2.75 | 110.00 |
| WVFS7 | 9.27 | | | | | |
| WVFS6 | 9.27 | | | | | |
| WVFS5 | 9.27 | | | | | |
| WVFS4 | 9.27 | | | | | |
| WVFS3 | 9.27 | | | | | |
| WVFS2 | 9.27 | | | | | |
| WVFS1 | 9.27 | | | | | |
| WVF3FT | 9.27 | | | | | |
| WVF5FT | 8.27 | | | | | |
| RBT_ACCZ | 5.02 | | | | | |
| RBT_ACCY | 5.02 | | | | | |
| RBT_ACCX | 5.02 | | | | | |
| WVFSYNC | 5.02 | | | | | |
| WVFCAL | 5.02 | | | | | |
| GCT_HV | 5.01 | | | | | |
| CCL$2 | 4.06 | | | | | |
| CCL$1 | 4.06 | | | | | |
| GCT_Temp | 3.51 | | GCT_acc-50-GCT275-0000 (FW1401-17) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin) | 4.77 | 2.75 | 55.00 |
| GR | 2.64 | | | | | |
| GCT_IntTemp | 1.92 | | SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer | 1.33 | 3.25 | 10.00 |
| GCT_ACCZ | 0.25 | | | | | |
| GCT_ACCY | 0.25 | | | | | |
| GCT_ACCX | 0.25 | | GO BN-14375 GO 1-7/16" Bull Nose with Go Box Top | 0.25 | 1.44 | 1.00 |

| | |
|---|---|
| Dataset: | tep_fed_rg_331-14-298_rcbl.db: field/well/run1/main1 |
| Total length: | 14.77 ft |
| Total weight: | 197.00 lb |
| O.D.: | 3.25 in |

| | | | |
|---|---|---|---|
| Company | TEP Rocky Mountain LLC | | |
| Well | Federal RG 331-14-298 | | |
| Field | Sulfer Creek | | |
| County | Rio Blanco | State | Colorado |

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Radial Cement Bond
Gamma Ray
Casing Collar Log