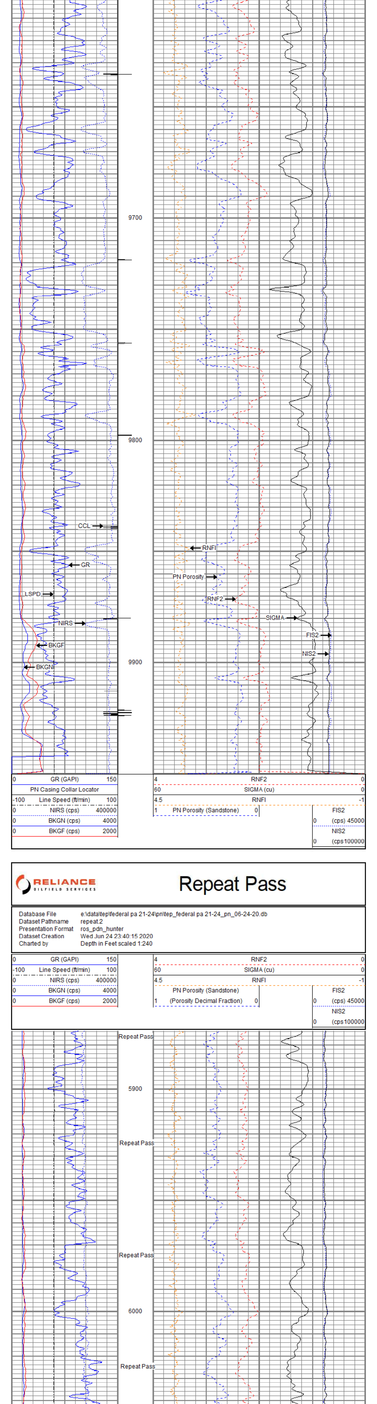
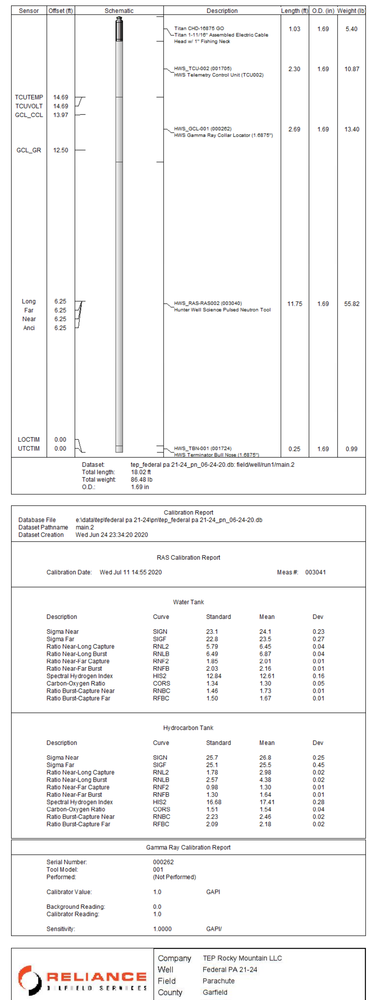
Gamma Ray (GR) (API)
Caliper (CALI) (in)
Bit Size (BS) (in)
Deep Resistivity (RDEP) (ohm.m)
Medium Resistivity (RMED) (ohm.m)
Shallow Resistivity (RSHA) (ohm.m)
Density Correction (DRHO) (g/cm3)
Neutron Porosity (NPHI) (dec)
Density (RHOB) (g/cm3)
Photoelectric Factor (PEF) (b/e)
Delta Rho (DELTA RHO) (g/cm3)




# Repeat Pass

| | |
|---|---|
| Database File | e:\data\tep\federal pa 21-24\pmtep_federal pa 21-24_pn_06-24-20.db |
| Dataset Pathname | repeat2 |
| Presentation Format | rcs_pdn_hunter |
| Dataset Creation | Wed Jun 24 23:40:15 2020 |
| Charted by | Depth in Feet scaled 1:240 |







Dataset: tep_federal pa 21-24_pn_06-24-20.db: field\wellhun1\main.2
Total length: 18.02 ft
Total weight: 86.49 lb
O.D.: 1.69 in

## Calibration Report

| | |
|---|---|
| Database File | e:\data\tep\federal pa 21-24\pmtep_federal pa 21-24_pn_06-24-20.db |
| Dataset Pathname | main.2 |
| Dataset Creation | Wed Jun 24 23:34:20 2020 |

### RAS Calibration Report

Calibration Date: Wed Jul 11 14:55:2020 Meas #: 003041

#### Water Tank

| Description | Curve | Standard | Mean | Dev |
|---|---|---|---|---|
| Sigma Near | SIGN | 23.1 | 24.1 | 0.23 |
| Sigma Far | SIGF | 22.8 | 23.5 | 0.27 |
| Ratio Near-Long Capture | RNLZ | 5.79 | 6.45 | 0.04 |
| Ratio Near-Long Burst | RNLB | 6.49 | 6.87 | 0.04 |
| Ratio Near-Far Capture | RNFZ | 1.85 | 2.01 | 0.01 |
| Ratio Near-Far Burst | RNFB | 2.03 | 2.16 | 0.01 |
| Spectral Hydrogen Index | HISZ | 12.84 | 12.61 | 0.16 |
| Carbon-Oxygen Ratio | CORS | 1.34 | 1.30 | 0.05 |
| Ratio Burst-Capture Near | RNBC | 1.46 | 1.73 | 0.01 |
| Ratio Burst-Capture Far | RFBC | 1.50 | 1.67 | 0.01 |

#### Hydrocarbon Tank

| Description | Curve | Standard | Mean | Dev |
|---|---|---|---|---|
| Sigma Near | SIGN | 25.7 | 26.8 | 0.25 |
| Sigma Far | SIGF | 25.1 | 25.5 | 0.45 |
| Ratio Near-Long Capture | RNLZ | 1.78 | 2.86 | 0.02 |
| Ratio Near-Long Burst | RNLB | 2.57 | 4.38 | 0.02 |
| Ratio Near-Far Capture | RNFZ | 0.98 | 1.30 | 0.01 |
| Ratio Near-Far Burst | RNFB | 1.30 | 1.64 | 0.01 |
| Spectral Hydrogen Index | HISZ | 16.68 | 17.41 | 0.28 |
| Carbon-Oxygen Ratio | CORS | 1.51 | 1.54 | 0.04 |
| Ratio Burst-Capture Near | RNBC | 2.23 | 2.46 | 0.02 |
| Ratio Burst-Capture Far | RFBC | 2.09 | 2.18 | 0.02 |

### Gamma Ray Calibration Report

| | |
|---|---|
| Serial Number: | 000262 |
| Tool Model: | 001 |
| Performed: | (Not Performed) |
| Calibrator Value: | 1.0 GAPI |
| Background Reading: | 0.0 |
| Calibrator Reading: | 1.0 |
| Sensitivity: | 1.0000 GAPI |

| | |
|---|---|
| Company | TEP Rocky Mountain LLC |
| Well | Federal PA 21-24 |
| Field | Parachute |
| County | Garfield |
| State | Colorado |