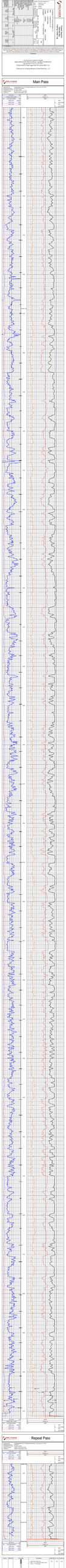
Tension (lbf)
Gamma Ray (gAPI)
Cable Speed (ft/min)
Depth (ft)
Gamma Ray (gAPI)
Tension (lbf

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | HWS_TCU-002 (001705)<br>HWS Telemetry Control Unit (TCU002) | 2.30 | 1.69 | 10.87 |
| TCUTEMP | 14.69 | | | | | |
| TCUVOLT | 14.69 | | | | | |
| GCL_CCL | 13.97 | | | | | |
| | | | HWS_GCL-001 (001475)<br>HWS Gamma Ray Collar Locator (1.6875") | 2.69 | 1.69 | 13.40 |
| GCL_GR | 12.50 | | | | | |
| GCL_GR | 12.50 | | | | | |
| Long | 6.25 | | HWS_RAS-RAS002 (003040)<br>Hunter Well Science Pulsed Neutron Tool | 11.75 | 1.69 | 55.82 |
| Far | 6.25 | | | | | |
| Near | 6.25 | | | | | |
| Anci | 6.25 | | | | | |
| | | | HWS_TBN-001 (001725)<br>HWS Terminator Bull Nose (1.6875") | 0.25 | 1.69 | 0.99 |

Dataset: tep_federal sg 11-22_pn_03-14-19.db: field/well/run1/main1.2
Total length: 18.02 ft
Total weight: 86.48 lb
O.D.: 1.69 in

## Calibration Report

Database File f:\data\tep\federal sg 11-22\pn\tep_federal sg 11-22_pn_03-14-19.db
Dataset Pathname main1.2
Dataset Creation Fri Mar 15 02:40:46 2019

## Gamma Ray Calibration Report

| | | |
|---|---|---|
| Serial Number: | 001475 | |
| Tool Model: | 001 | |
| Performed: | Fri Oct 19 14:55:00 2018 | |
| Calibrator Value: | 1.0 | GAPI |
| Background Reading: | 0.0 | |
| Calibrator Reading: | 1.0 | |
| Sensitivity: | 1.0000 | GAPI/ |

RELIANCE OILFIELD SERVICES

| | |
|---|---|
| Company | TEP Rocky Mountain LLC |
| Well | Federal SG 11-22 |
| Field | Grand Valley |
| County | Garfield |
| State | Colorado |