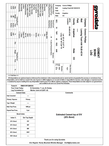

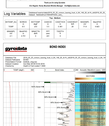

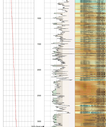

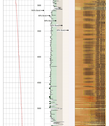

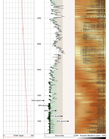

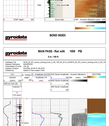

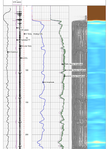

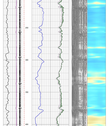

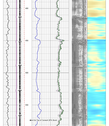

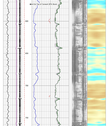

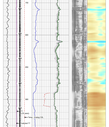

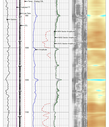

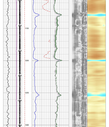

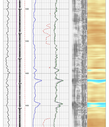

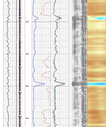

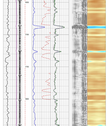

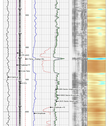

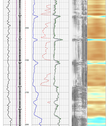

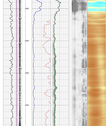

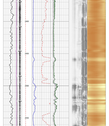

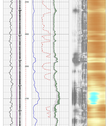

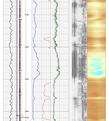

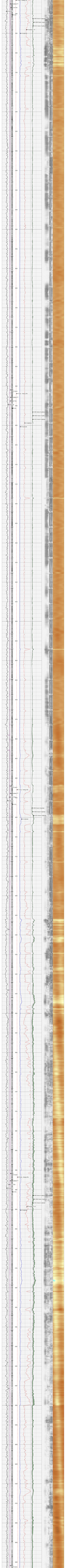

gyrodata

**MAIN PASS - Ran with 1000 PSI**

**6 in / 100 ft**

gyrodata

**REPEAT PASS - Ran with 0 PSI**

**6 in / 100 ft**

| | |
|---|---|
| Database File | 2019_05_21_conoco_basing_tract_4_04_146_20_4ch_cbl2019_05_25_conoco_basing_tract_4_04_14 |
| Dataset Pathname | REPEATPASS |
| Presented Along | Depth |
| Dataset Creation | Sun May 26 09:13:46 2019 |
| Charted by | Depth in Feet scaled 1:240 |




gyrodata

**REPEAT PASS - Ran with 0 PSI**

**6 in / 100 ft**

| | |
|---|---|
| Database File | d:\warrior\data\2019_05_25_conoco_basing_tract_4_04_146_20_4ch_cbl2019_05_25_conoco_basing_tr |
| Dataset Pathname | WARRIOR |
| Dataset Creation | Sun May 26 09:51:06 2019 |

Gamma Ray Calibration Report

| | |
|---|---|
| Serial Number | 1403HUI |
| Test Model | 2 3/4" GR |
| Performed | Thu Apr 25 08:11:14 2019 |
| Calibrator Value | 194.0 GAPI |
| Background Reading | 66.1 cps |
| Calibrator Reading | 194.4 cps |
| Sensitivity | 0.5963 GAPI/cps |

Segmented Cement Bond Log Calibration Report

| | |
|---|---|
| Serial Number | 15F08-04 |
| Tool Model | 2 3/4" RIB Analog |
| Calibration Casing Diameter | 5.500 in |
| Calibration Depth | 1112.040 ft |

Master Calibration, performed (Derived)

| | Raw (v) | | Calibrated (mv) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 2 | 0.000 | 0.361 | 0.000 | 72.000 | 52.907 | -0.014 |
| CAL | 0.004 | 0.748 | | | | |
| 3 | 0.003 | 1.153 | 0.000 | 72.000 | 40.911 | -0.133 |
| SUM | | | 0.000 | 72.000 | 62.437 | -1.774 |
| 4 | 0.000 | 1.544 | 0.000 | 72.000 | 46.655 | -1.706 |
| 5,5 | 0.040 | 1.434 | 0.000 | 72.000 | 51.642 | -2.345 |
| 5,6 | 0.000 | 1.400 | 0.000 | 72.000 | 52.455 | -0.706 |
| 5,5 | 0.052 | 1.400 | 0.000 | 72.000 | 52.455 | -3.706 |
| 6R | 0.039 | 1.460 | 0.000 | 72.000 | 50.855 | -1.972 |
| 6R | 0.000 | 1.460 | 0.000 | 72.000 | 49.315 | -0.000 |
| 6 | 0.024 | 1.500 | 0.000 | 72.000 | 47.980 | -1.123 |

Internal Reference Calibration, performed (Not Performed)

| | Raw (v) | | Calibrated (v) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | 0.000 | 0.000 | -0.004 | 0.749 | 1.000 | 0.000 |

Air Zero Calibration, performed (Not Performed)

| | Raw (v) | Calibrated (v) | Results |
|---|---|---|---|
| | Zero | Zero | Offset |
| 3' | 0.000 | 0.000 | 0.000 |
| 3' | 0.000 | 0.000 | 0.000 |
| SUM | | | |
| 4 | 0.000 | 0.000 | 0.000 |
| 5,5 | 0.000 | 0.000 | 0.000 |
| 5,6 | 0.000 | 0.000 | 0.000 |
| 5,5 | 0.000 | 0.000 | 0.000 |
| 6R | 0.000 | 0.000 | 0.000 |
| 6 | 0.000 | 0.000 | 0.000 |

Temperature Calibration Report

| | |
|---|---|
| Serial Number | 15F08-04 |
| Tool Model | 2 3/4" RIB Analog |
| Performed | Tue Jan 08 11:48:56 2019 |

| Reference | Reading |
|---|---|
| Low Reference: | 0.00 degF |
| High Reference: | 1.00 degF |
| Gain: | 0.32 |
| Offset: | 0.00 |
| Data Spacing | |

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|---|---|---|---|---|---|---|
| | | | Cablehead TitanCone(Type2 | 1.03 | 1.44 | 3.60 |
| CCL | 13.50 | | CCL_Log 2 3/4" TelCo (15271-06) | 1.83 | 2.75 | 33.00 |
| | | | Antelope Overbody | 1.25 | 3.75 | |
| TEMP | 10.05 | | | | | |
| WVF38 | 8.76 | | RSTA-2 3/4" RIB Analog (15708-04) | 9.13 | 2.75 | 102.00 |
| WVF32 | 8.76 | | | | | |
| WVF26 | 8.76 | | | | | |
| WVF20 | 8.76 | | | | | |
| WVF14 | 8.76 | | | | | |
| WVF08 | 8.76 | | | | | |
| WVF03 | 8.76 | | | | | |
| WVF57 | 8.01 | | | | | |
| WVF37 | 7.51 | | | | | |
| WVF01 | 7.01 | | | | | |
| WVF01NC | 3.88 | | | | | |
| WVF13MF | 3.88 | | | | | |
| WVFCAL | 3.68 | | Antelope Overbody | 1.25 | 3.75 | |
| GR | 1.94 | | GR_Log 2 3/4" TelCo (XEMB-02) | 3.58 | 2.75 | 47.00 |
| LOCTIM | 0.00 | | | | | |
| UTCTIM | 0.00 | | | | | |

Dataset: 2019_05_21_conoco_basing_tract_4_04_146_20_4ch_cbl.db: fieldwidthsRUNINPASS
Total length: 13.67 ft
Total weight: 185.60 lb
O.D. 2.75 in

gyrodata

| | |
|---|---|
| Company | Conoco Phillips |
| Well | Lowring Tract 4-04-19-20 4CH |
| Field | --- |
| County | Arapahoe |
| State | CO Country U.S.A. |