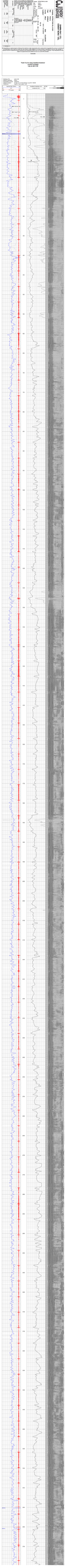

**C&J ENERGY SERVICES**

# GAMMA RAY / CCL
# CEMENT BOND / VDL

Company EXTRACTION OIL & GAS
Well PACE 2
Field SPINDLE
County WELD
State COLORADO

| | |
|---|---|
| Company | EXTRACTION OIL & GAS |
| Well | PACE 2 |
| Field | SPINDLE |
| County | WELD |
| State | COLORADO |

Location: API #: 05-123-08720
NW / SE
SEC 17 TWP 2N RGE 67W

Other Services

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation 4947' | Elevation |
| Log Measured From | KB | | K.B. 4947' |
| Drilling Measured From | KB | | D.F. |
| | | | G.L. 4947' |

| | |
|---|---|
| Date | December 13, 2019 |
| Run Number | One |
| Depth Driller | 5050' |
| Depth Logger | 4380' |
| Bottom Logged Interval | 4380' |
| Top Log Interval | Surface |
| Casing Size | 4 1/2 |
| Type Fluid | Water |
| Max. Recorded Temp. | NA |
| Estimated Cement Top | -- |
| Time Well Ready | 2:00pm |
| Time Logger On Bottom | 2:15pm |
| Unit Number | 200054 |
| Tool Size / ID Number | 2 3/4 Tecko |
| Location | Sterling, CO |
| Recorded By | Adam Frank |
| Witnessed By | Juan Cadena |

| | Borehole Record | | | Tubing Record | | |
|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | 8 5/8 | 24# | Surface | 205' |
| Prot. String | | | | |
| Production String | 4 1/2 | 11.6# | Surface | 5050' |
| Liner | | | | |

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

## Comments

Thank You for using Casedhole Solutions!
Log Not Correlated
Log ran with 0 KB

| | |
|---|---|
| Database File: | pace 2.db |
| Dataset Pathname: | pass2 |
| Presentation Format: | nuexbond |
| Dataset Creation: | Fri Dec 13 14:10:04 2019 by Log SCH 120430 |
| Charted by: | Depth in Feet scaled 1:240 |

3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
0 Gamma Ray (GAPI) 150
30 CCL -3.3
400 TT3 (usec) 200
0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100
200 VDL 1200