Mud Rotary Drilling
Andrew King - Manager/Driller

# Bar Drilling, LLC

Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

| Company/Operator | Well No. | Lease Name | Well Location | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge, |
|---|---|---|---|---|---|---|---|---|---|
| Colt Energy Inc.<br>P.O. Box 388<br>Iola, KS 66749 | 26 | Cobble | 165' fnl 1745' fel | NW | NE | NW | 27 | 26s | 14e |

| Well API # | Type/Well | County | State | Total Depth | Date Started | Date Completed |
|---|---|---|---|---|---|---|
| 15-207-29473 | Oil | Woodson | KS | 1426 | 7/20/2017 | 7/26/2017 |

| Job/Project Name/No. |
|---|
| |

| Driller/Crew |
|---|
| Andy King |
| Charles King |

| Surface Record | |
|---|---|
| Bit Size: | 11 1/4 |
| Casing Size: | 8 5/8 |
| Casing Length: | 40' |
| Cement Used: | 15sx |
| Cement Type: | Portland |

| Bit Record | | | |
|---|---|---|---|
| Type | Size | From | To |
| PDC | 11 1/4 | 0' | 40' |
| PDC | 6 3/4 | 40' | 1426 |

| Coring Record | | | | |
|---|---|---|---|---|
| Core # | Size | From | To | % Rec. |
| 1 | 3" | 1263 | 1292 | 99 |

## Formation Record

| From | To | Formation | From | To | Formation | From | To | Formation |
|---|---|---|---|---|---|---|---|---|
| 0 | 26 | overburden | | | | | | |
| 26 | 232 | shale | | | | | | |
| 232 | 503 | lansing lime | | | | | | |
| 503 | 586 | shale | | | | | | |
| 586 | 762 | KC lime | | | | | | |
| 762 | 880 | shale | | | | | | |
| 880 | 903 | lime | | | | | | |
| 903 | 986 | sandy shale | | | | | | |
| 986 | 1009 | lime | | | | | | |
| 1009 | 1037 | shale | | | | | | |
| 1037 | 1054 | Ft. Scott lime | | | | | | |
| 1054 | 1078 | shale | | | | | | |
| 1078 | 1102 | sq sand | | | | | | |
| 1102 | 1263 | shale | | | | | | |
| 1263 | 1292 | core (mostly oil sand) | | | | | | |
| 1292 | 1320 | black sand | | | | | | |
| 1320 | 1425 | shale | | | | | | |
| 1425 | 1426 | Miss lime | | | | | | |

**Well Notes:**

ran 1411.98' of 4 1/2" casing