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. | 40 | Cobble | 805' fsl 760' fel | | | SE | 22 | 26s | 14e |

| | Well API # | Type/Well | County | State | Total Depth | Date Started | Date Completed |
|---|---|---|---|---|---|---|---|
| P.O. Box 388<br>Iola, KS 66749 | 15-207-29490 | Oil | Woodson | KS | 1399 | 10/20/2017 | 10/25/2017 |

| Job/Project Name/No. | Surface Record | | Bit Record | | | | Coring Record | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Type | Size | From | To | Core # | Size | From | To | % Rec. |
| Driller/Crew | Bit Size: | 11 1/4 | PDC | 11 1/4 | 0' | 40' | 1 | 3" | 1260 | 1289 | 100 |
| Andy King | Casing Size: | 8 5/8 | PDC | 6 3/4 | 40' | 1399 | | | | | |
| Charles King | Casing Length: | 40' | | | | | | | | | |
| | Cement Used: | 14sx | | | | | | | | | |
| | Cement Type: | Portland | | | | | | | | | |

## Formation Record

| From | To | Formation | From | To | Formation | From | To | Formation |
|---|---|---|---|---|---|---|---|---|
| 0 | 27 | overburden | | | | | | |
| 27 | 199 | shale | | | | | | |
| 199 | 464 | lansing lime | | | | | | |
| 464 | 543 | shale | | | | | | |
| 543 | 725 | KC lime | | | | | | |
| 725 | 845 | shale | | | | | | |
| 845 | 856 | lime | | | | | | |
| 856 | 863 | shale | | | | | | |
| 863 | 869 | lime | | | | | | |
| 869 | 962 | sandy shale | | | | | | |
| 962 | 975 | Ft. Scott lime | | | | | | |
| 975 | 1002 | shale | | | | | | |
| 1002 | 1021 | lime | | | | | | |
| 1021 | 1044 | shale | | | | | | |
| 1044 | 1071 | sq sand | | | | | | |
| 1071 | 1250 | sandy shale | | | | | | |
| 1250 | 1260 | cir oil sand | | | | | | |
| 1260 | 1289 | core | | | | | | |
| 1289 | 1398 | sandy shale | | | | | | |
| 1398 | 1399 | miss lime | | | | | | |

**Well Notes:**

ran 1385' of 4 1/2" casing