

Mud Rotary Drilling  
Andrew King - Manager/Driller

Bar Drilling, LLC  
Phone: (719) 210-8806

1317 105th Rd.  
Yates Center, KS 66783

Company/Operator Colt Energy Inc. P.O. Box 388 Iola, KS 66749	Well No. 31	Lease Name Cobble	Well Location 165' fnl 2075' fel				1/4	1/4	1/4 NE	Sec. 27	Twp. 26s	Rge, 14e
	Well API # 15-207-29481		Type/Well Oil	County Woodson			State KS	Total Depth 1448		Date Started 8/28/2017	Date Completed 8/31/2017	
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"	1286	1315	99	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40'	1448	2	3"	1315	1344	99	
Charles King	Casing Length:	40'										
	Cement Used:	15sx										
	Cement Type:	Portland										

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation
0	48	overburden						
48	260	shale						
260	524	lansing lime						
524	611	shale						
611	689	KC lime						
689	876	shale						
876	882	lime						
882	911	shale						
911	935	lime						
935	1017	sandy shale						
1017	1039	Ft. Scott lime						
1039	1069	shale						
1069	1086	lime						
1086	1096	shale						
1096	1103	lime						
1103	1118	shale						
1118	1128	sq. sand						
1128	1283	shale						
1283	1286	Oil show						<b>Well Notes:</b> ran 1429.04' of 4 1/2" casing
1286	1315	Core #1						
1315	1344	Core #2						
1344	1365	black sand						
1365	1346	Shale						
1346	1348	Miss. Lime						