

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. CS-28	Lease Name Schafer	Well Location 825' fml, 1155 fwl			1/4 NE	1/4 SE	1/4 NW	Sec. 23	Twp. 26s	Rge. 14e
	Well API # 15-207-29431		Type/Well Oil	County Woodson		State KS	Total Depth 1454	Date Started 6/8/2017	Date Completed 6/14/2017		
Job/Project Name/No.	Surface Record		Bit Record				Coring Record				
Driller/Crew	Bit Size:	11 1/4	Type PDC	Size 11 1/4	From 0'	To 40'	Core # 1	Size 3"	From 1336	To 1366	% Rec. 100
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40'	1454					
Charles King	Casing Length:	40'									
	Cement Used:	15sx									
	Cement Type:	Portland									

Formation Record										
From	To	Formation	From	To	Formation	From	To	Formation	From	To
0	47	overburden								
47	264	shale								
264	528	lansing lime								
528	604	shale								
604	775	KC lime								
775	869	shale								
869	872	lime								
872	910	shale								
910	920	lime								
920	1007	shale								
1007	1037	Ft. Scott Lime								
1037	1070	shale								
1070	1085	lime								
1085	1095	shale								
1095	1101	lime								
1101	1124	shale								
1124	1138	sand								
1138	1330	shale								
1330	1336	light brown sand (gas odor)								
1336	1366	core								
1366	1396	sandy shale								
1396	1452	coal								
1452	1454	Miss Lime								

**Well Notes:**  
ran 4 1/2" casing