

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 - 21	Lease Name Schafer	Well Location 495'fwl, 1485 fnl				1/4 NE	1/4 NW	1/4 SW	Sec. 23	Twp. 26s	Rge. 14e
	Well API # 15-207-29405		Type/Well Oil	County Woodson			State KS	Total Depth 1435	Date Started 2/17/2017	Date Completed 2/22/2017		
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"	1276	1306	99	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40	1435						
Charles King	Casing Length:	40										
	Cement Used:	14sx										
	Cement Type:	Portland										

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	11	overbuden	1384	1435	Miss Lime			
11	199	shale						
199	464	lime						
464	544	shale						
544	710	lime						
710	814	shale						
814	821	lime						
821	846	shale						
846	859	lime						
859	958	shale						
958	974	lime						
974	1002	shale						
1002	1019	lime						
1019	1033	shale						
1033	1038	lime						
1038	1046	coal						
1046	1048	lime						
1048	1084	sq. sand						
1084	1273	shale						
1273	1276	sand oil show						
1276	1306	core						
1306	1384	sandy shale						

Well Notes:
 Ran 4 1/2" Casing