

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. 23	Lease Name Cobble	Well Location 165' fnl, 1415' fel				1/4 NE	1/4 NW	1/4 NE	Sec. 27	Twp. 26s	Rge. 14e
	Well API # 15-207-29445		Type/Well Oil	County Woodson		State KS	Total Depth 1412		Date Started 5/25/2017	Date Completed 6/1/2017		
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"	1256	1285	99	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40	1412						
Charles King	Casing Length:	40										
	Cement Used:	14sx										
	Cement Type:	Portland										

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	21	overbuden	1156	1253	shale			
21	222	shale	1253	1256	oil sand			
222	486	Lansing Lime	1256	1285	core			
486	565	shale	1285	1410	sandy shale			
565	745	KC Lime	1410	1412	Miss Lime			
745	836	shale						
836	840	lime						
840	844	shale						
844	852	lime						
852	866	shale						
866	877	lime						
877	945	sandy shale						
945	950	lime						
950	959	shale						
959	969	lime						
969	974	shale						
974	984	lime						
984	1024	shale						
1024	1042	lime						
1042	1055	shale						
1055	1059	lime						
1059	1067	shale						
1067	1090	sq sand (oil show)						
1090	1156	shale						

Well Notes:
 Ran 4 1/2" Casing