

**Mud Rotary Drilling**  
**Andrew King - Manager/Driller**

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

1317 105th Rd.  
 Yates Center, KS 66783

<b>Company/Operator</b> Colt Energy Inc P O Box 388 Iola, KS 66749	<b>Well No.</b> 15	<b>Lease Name</b> Cobble	<b>Well Location</b> 490 fsl, 1085 fel			<b>1/4</b> SW	<b>1/4</b> SE	<b>1/4</b> SE	<b>Sec.</b> 22	<b>Twp.</b> 26s	<b>Rge.</b> 14e
	<b>Well API #</b> 15-207-29389		<b>Type/Well</b> Oil	<b>County</b> Woodson		<b>State</b> KS	<b>Total Depth</b> 1406	<b>Date Started</b> 1/7/2017	<b>Date Completed</b> 1/12/2017		
<b>Job/Project Name/No.</b>	<b>Surface Record</b>		<b>Bit Record</b>				<b>Coring Record</b>				
			<b>Type</b>	<b>Size</b>	<b>From</b>	<b>To</b>	<b>Core #</b>	<b>Size</b>	<b>From</b>	<b>To</b>	<b>% Rec.</b>
<b>Driller/Crew</b>	<b>Bit Size:</b>	11 1/4	PDC	11 1/4	0'	40'	1	3'	1246	1276	90
Andy King	<b>Casing Size:</b>	8 5/8	PDC	6 3/4	40'	1414	2		1276	1306	99
Charles King	<b>Casing Length:</b>	40+'									
	<b>Cement Used:</b>	14sx									
	<b>Cement Type:</b>	Portland									

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation
0	22	overbuden						
22	208	shale						
208	464	lime						
464	551	shale						
551	729	lime						
729	855	shale						
855	865	lime						
865	972	sandy shale						
972	988	lime						
988	1011	shale						
1011	1030	lime						
1030	1054	shale						
1054	1078	squ sand						
1078	1237	sandy shale						
1237	1247	oil show						
1246	1276	core #1						
1276	1306	core #2						
1306	1405	sandy shale						
1405	1406	Miss Lime						

**Well Notes:**  
 Ran 4 1/2" Casing