

Company/Operator Colt Energy Inc. P.O. Box 388 Iola, KS 66749		Well No. md4	Lease Name murphey	Well Location 3135's, 890'w	1/4 NW	1/4 SE	1/4 SW	Sec. 4	Twp. 24	Rge, 18E	
Job/Project Name/No.		Well API # 15-001-31172	Type/Well Oil	County Allen	State KS	Total Depth 1250	Date Started 11/25/2014	Date Completed 12/3/2014	Coring Record		
Driller/Crew Andy King		Surface Record		Bit Record							
	Bit Size:	11 1/4	PDC	11 1/4	0'	32'					
	Casing Size:	8 5/8	PDC	6 3/4	32'	1250					
	Casing Length:	32'									
	Cement Used:	10 sx									
	Cement Type:	Portland									

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation
0	6	Overburden	759	762	shale			
6	12	lime	762	770	oil show sandy shale			
12	31	sandy shale	770	797	shale			
31	94	lime	797	798	lime			
94	164	shale	798	836	shale			
164	212	lime	836	837	lime			
212	296	shale	837	980	shale			
296	406	lime	980	984	broken sand oil show			
406	601	shale	984	986	light brown sand			
601	610	lime	986	990	shale			
610	643	sandy shale	990	994	broken sand odor			
643	656	sand	994	1004	broken sand odor			
656	673	shale	1004	1040	sand			
673	675	lime	1040	1045	sand oil show			
675	679	shale	1045	1135	sand			
679	691	lime	1135	1162	shale			
691	697	shale	1162	1196	Top of Mississippi			
697	705	lime	1196	1199	soft brown lime			
705	719	shale	1199	1250	lime			
719	740	lime		1250	TD			
740	743	shale						
743	748	lime						
748	754	shale						
754	759	lime						

**Well Notes:**

no core, plugged well.