

Company/Operator Colt Energy Inc.		Well No. L-4	Lease Name Cline	Well Location 2835FNL 1082'FEL		1/4 NW	1/4 NW	1/4 NE	Sec. 16	Twp. 24S	Rge, 18E										
P.O. Box 388 Iola, KS 66749		Well API # 15-001-30851-00-00		Type/Well Oil		State KS	Total Depth 1080		Date Started 11/20/2013	Date Completed 11/25/2013											
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	20'	Core #	1	Size	2 1/8"	From	874	To	882	% Rec.	
		Casing Size:	8 5/8	Type	PDC	Size	6 3/4	From	20'	To	1080	Core #	2	Size	2 1/8"	From	896	To	904	% Rec.	
		Casing Length:	20'																		
		Cement Used:	8 sx																		
		Cement Type:	Portland																		

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	14	soil/clay	882	890	light brown sand			
14	65	Lime	890	894	broken sand			
65	83	shale	894	896	oil sand			
83	91	Lime	896	904	core			
91	134	Shale	904	910	oil sand			
134	202	Lime	910	925	grey sand			
202	205	Shale	925	940	oil sand			
205	250	Lime	940	950	sand less oil			
250	423	Shale	950	1009	grey sand			
423	457	Lime	1009	1017	shale			
457	534	sandy shale	1017	1030	chat			
534	537	Lime	1030	1041	lime			
537	551	Shale	1041	1044	soft lime			
551	556	Lime	1044	1045	lime			
556	565	Shale	1045	1047	soft lime			
565	604	Lime	1047	1055	lime			
604	720	sandy shale	1055	1057	hard lime			
720	840	shale	1057	1069	lime			
840	850	light grey sand some graymuck	1069	1080	hard lime			
850	859	grey sand		1080	TD			
859	860	lime						
860	862	oil sand good bleed						
862	874	grey sandy shale odor						
874	882	shale						

Well Notes: