



**Operator:**  
RJ Energy, LLC  
Garnett, KS

**Meats #4-I**  
Coffey Co., KS  
1-23-16E  
API # 15-031-24310-00-00

<b>Spud Date:</b>	4/10/2018	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	43.8'	<b>Longstring:</b>	1012.45'
<b>Surface Cement:</b>	4 sx	<b>Longstring Date:</b>	4/12/2018
<b>Longstring:</b>	2 7/8 EUE		

### Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	21	Clay	
21	25	Sand & Gravel	
25	179	Shale	
179	228	Lime	
228	233	Shale	
233	234	Lime	
234	301	Shale	
301	326	Lime	
326	342	Shale	
342	349	Lime	
349	352	Shale	
352	411	Lime	
411	446	Shale	
446	448	Lime	
448	462	Shale	
462	520	Lime	
520	526	Shale	
526	549	Lime	
549	554	Shale	
554	576	Lime	
576	741	Shale	
741	748	Lime	
748	760	Limey Shale	

Meats #4-I  
RJ Energy, LLC

760	765	Shale	
765	777	Lime	
777	842	Shale	
842	846	Lime	
846	869	Shale	
869	873	Lime	
873	912	Shale	
912	914	Lime	
914	960	Shale	
960	961	Lime	
961	964	Shale	
964	965	Lime	
965	972	Sand	Good odor, good bleed, slightly laminated
972	975	Sand	Laminated, good odor, slight bleed
975	1017	Sandy Shale	
<b>1017</b>		<b>TD</b>	