



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

**West Beard #11**  
Coffey Co., KS  
12-23-16E  
API # 15-031-24305-00-00

<b>Spud Date:</b>	3/7/2018	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	43'	<b>Longstring:</b>	987.05'
<b>Surface Cement:</b>	4 sx	<b>Longstring Date:</b>	3/9/2018
<b>Longstring:</b>	2 7/8 EUE		

### Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	31	Clay & gravel	
31	124	Shale	
124	158	Lime	
158	162	Shale	
162	195	Lime	
195	272	Shale	
272	336	Lime	
336	362	Shale	
362	386	Lime	
386	440	Shale	
440	510	Lime	
510	516	Shale	
516	552	Lime	
552	557	Shale	
557	568	Lime	
568	755	Shale	
755	777	Lime	
777	824	Shale	
824	826	Lime	
826	830	Shale	
830	840	Lime	
840	865	Shale	
865	873	Lime	

West Beard #11

RJ Energy, LLC

873	883	Shale	
883	887	Lime	
887	948	Shale	
948	949	Lime	
949	950	Shale	
950	957	Sand	Sand & shale
957	960	Sand	Fair bleed, good odor, laminated sand
960	993		
<b>993</b>		<b>TD</b>	

954-960 Perf.