



Operator:
RJ Energy, LLC
Garnett, KS

Martin #13-i
Anderson Co, KS
30-22-19E
API #003-26602-00-00

Spud Date:	7/12/2017	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	20'	Longstring:	900.05'
Surface Cement:	4 sx	Longstring Date:	7/17/2017
Longstring:	2 7/8 EUE		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	10	Clay	
10	42	Lime	
42	149	Shale	
149	171	Lime	
171	182	Shale	
182	184	Lime	
184	219	Shale	
219	262	Lime	
262	292	Shale	
292	293	Lime	
293	338	Shale	
338	446	Lime	
446	620	Shale	
620	657	Lime	
657	715	Shale	
715	745	Lime	
745	757	Shale	
757	764	Lime	
764	785	Shale	
785	793	Lime	
793	825	Shale	
825	831	Sandy Shale	Slight odor
831	834	Sand	Broken sand, good bleed, good odor

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834	838	Sand	Sandy shale, no bleed
838	854	Sand	Broken sand, slight bleed to pit, mostly shale, better bleed in samples
854	866	Sand	Broken sand, good bleed, good odor
866	877	Sand	Black Sand
877	906	Shale	
906		TD	