
McGOWN

DRILLING, INC.

Operator:
RJ Energy, LLC
Garnett, KS

Martin #16-A
Anderson Co, KS
30-22-19E
API #003-26593-00-00

Spud Date:	6/26/2017	Surface Bit:	9.875"
Surface Casing:	7.0"	Drill Bit:	5.875"
Surface Length:	21'	Longstring:	905.95'
Surface Cement:	4 sx	Longstring Date:	6/27/2017
Longstring:	2 7/8 EUE		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	10	Clay	
10	32	Lime	
32	39	Shale	
39	52	Lime	
52	147	Shale	
147	160	Lime	
160	165	Shale	
165	169	Lime	
169	187	Shale	
187	193	Lime	
193	229	Shale	
229	266	Lime	
266	277	Shale	
277	279	Lime	
279	281	Shale	
281	285	Lime	
285	289	Shale	
289	300	Lime	
300	325	Shale	
325	327	Lime	
327	332	Shale	
332	405	Lime	
405	407	Shale	

Martin #16-A
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407	437	Lime	
437	440	Shale	
440	447	Lime	
447	448	Shale	
448	450	Lime	
450	623	Shale	
623	657	Lime	
657	721	Shale	
721	749	Lime	
749	755	Shale	
755	773	Lime	
773	791	Shale	
791	799	Lime	
799	806	Shale	
806	808	Lime	
808	810	Shale	
810	816	Lime	
816	822	Shale	
822	831	Sandy shale	Odor
831	838	Sand	Good odor, good bleed, broken sand, mostly sand
838	844	Sandy shale	No bleed to pit, fair odor, slight bleed in samples
844	854	Sand	Good bleed, good odor, broken sand, very shaley
854	858	Sand	Good bleed, good odor, slightly broken, mostly sand
858	864	Sand	Black sand
864	911	Shale	
909		TD	