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# McGOWN

DRILLING, INC.

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

**Martin #5-1**  
Anderson Co, KS  
30-22-19E  
API #: 003-26594-00-00

<b>Spud Date:</b>	6/9/2017	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	22.40'	<b>Longstring:</b>	902.40'
<b>Surface Cement:</b>	4 sx	<b>Longstring Date:</b>	6/12/2017
<b>Longstring:</b>	2 7/8 EUE		

## Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	10	Clay	
10	30	Lime	
30	33	Shale	
33	45	Lime	
45	148	Shale	
148	159	Lime	
159	170	Shale	
170	174	Lime	
174	225	Shale	
225	279	Lime	
279	292	Shale	
292	294	Lime	
294	317	Shale	
317	319	Lime	
319	336	Shale	
336	449	Lime	
449	586	Shale	
586	587	Lime	
587	624	Shale	
624	657	Lime	
657	720	Shale	
720	749	Lime	
749	766	Shale	

Martin #5-l  
Anderson, Co, KS

766	773	Lime	
773	804	Shale	
804	810	Lime	
810	822	Shale	
822	826	Sandy Shale	Good odor, fair bleed, mostly shale
826	842	Sandy Shale	Odor, no bleed
842	850	Sand	Good odor, slight bleed, possible water
850	857	Sand	Good solid sand, good odor, fair bleed
857	864	Sand	Grey sand, no odor, no bleed
864	908	Shale	
<b>908</b>		<b>TD</b>	