

# McGOWN

DRILLING, INC.

**Operator:**

Kansas Resource Exploration & Development, LLC  
Overland Park, KS

**Kimmerer KRI-2**

Miami Co., KS  
23-18S-21E  
API: 15-121-30873

<b>Spud Date:</b>	11/26/2014	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	22.3'	<b>Longstring:</b>	565.90'
<b>Surface Cement:</b>	4 sx	<b>Longstring Date:</b>	12/1/2014
<b>Longstring:</b>	2-7/8EUE	<b>Baffle:</b>	534.50'

**Driller's Log**

Top	Bottom	Formation	Comments
0	9	Soil & Clay	
9	30	Lime	
30	47	Shale	
47	51	Lime	
51	54	Lime	
54	57	Shale	
57	59	Red Bed	
59	97	Shale	
97	111	Lime	
111	121	Shale	
121	139	Lime	
139	168	Shale	
168	198	Lime	
198	339	Shale	
339	343	Lime	
343	368	Shale	
368	377	Lime	
377	379	Shale	
379	390	Sand	Grey slight odor
390	419	Shale	
419	424	Lime	
424	439	Shale	
439	441	Lime	
441	456	Shale	

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456	463	Lime	
463	480	Shale	
480	493	Lime	486-492 Good bleed, Good odor.
493	498	Sandy Shale	498-500 Laminated, Good bleed & bleed back.
498	512	Sand	500-501 Grey Sand, No bleed.
512	518	Sandy Shale	501-505 Laminated, Good bleed & bleed back.
518	582	Shale	505-509 Laminated, Slight bleed, Good odor.
<b>582</b>		<b>TD</b>	509-512 Laminated, Mostly Sandy Shale, No bleed.

**Coring**

<b>Run</b>	<b>Footage</b>	<b>Rec.</b>
1	497-517	19.5
2		
3		