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# McGOWN

**DRILLING, INC.**

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**Operator:**  
 Black Travis, Inc.  
 Paola, KS

## Travis #KR-44

Miami Co., KS  
 10-17S-22E  
 API: 121-30776

<b>Spud Date:</b>	10/27/2014	<b>Surface Bit:</b>	9.875"
<b>Surface Casing:</b>	7.0"	<b>Drill Bit:</b>	5.875"
<b>Surface Length:</b>	21.50'	<b>Longstring:</b>	676.8'
<b>Surface Cement:</b>	4 sx	<b>Baffle:</b>	648.9'
<b>Longstring:</b>	2 7/8 EUE - New L/S	<b>Longstring Date:</b>	10/29/2014

### Driller's Log

Top	Bottom	Formation	Comments
0	15	Soil & clay	
15	37	Shale	
37	55	Lime	
55	60	Shale	
60	76	Sandy Shale	
76	89	Shale	
89	92	Lime	
92	130	Shale	
130	147	Lime	
147	157	Shale	
157	185	Lime	
185	187	Bl. Shale	
187	192	Shale	
192	209	Lime	
209	218	Shale	
218	230	Lime	
230	257	Shale	
257	267	Sand	Grey, no show
267	274	Sandy Shale	
274	340	Shale	
340	367	Shale	Limey
367	369	Red Bed	
369	395	Sand	See below

395	398	Sandy Shale	
398	460	Shale	
460	461	Coal	
461	470	Lime	
470	484	Shale	
484	488	Lime	
488	490	Coal	
490	505	Shale	
505	510	Lime	
510	526	Shale	
526	534	Lime	
534	552	Shale	
552	555	Sandy Shale	
555	592	Sand	See below
592	604	Sandy Shale	
604	606	Sand	
606	692	Shale	
<b>692</b>		<b>TD</b>	

	<b>Coring</b>	
<b>Run</b>	<b>Footage</b>	<b>Rec.</b>
1	376-396	20'
2	568-588	20'
3	588-608	19'

#### **Wayside Sand Detail**

376-383.5	Slight odor, but no oil saturation or bleed
383.5-384	Light bleed
384-385.5	Rainbow on the core, but no outward bleed or show
385.5-393	Good oil show, good saturation and bleed back

#### **Squirrel Sand Detail**

568-571	Laminated sand & shale, mostly shale, slight bleed in core
571-572	Shale
572-583.5	Sand, slight bleed back in the core
583.5-592	Good soft sand, good oil saturation and bleed, best section
592-604	Sandy shale, no show
604-606	Sand, hard, fair bleed back of heavier oil