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# McGOWN

DRILLING, INC.

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**Operator:**

Grand Mesa Operating Co.  
Wichita, KS

**Vesecky #4-5R**

Douglas Co., KS  
23-14S-20E  
API: 045-22243

**Spud Date:** 12/2/2014  
**Surface Casing:** 7.0"  
**Surface Length:** 43.0'  
**Surface Cement:** 8 sx  
**Longstring:** 2-7/8EUE

**Surface Bit:** 11.0"  
**Drill Bit:** 6.125"  
**Longstring:** 776.95'  
**Longstring Date:** 12/4/2014

## Driller's Log

Top	Bottom	Formation	Comments
0	18	Soil & clay	
18	22	Gravel, sand, clay	
22	52	Shale	
52	57	Lime	
57	60	Bl. Shale	
60	62	Lime	
62	67	Shale	
67	81	Lime	
81	90	Bl. Shale	
90	97	Lime	
97	102	Shale	
102	128	Lime	
128	138	Sandy shale	
138	157	Shale	
157	174	Lime	
174	241	Shale	
241	262	Lime	
262	264	Shale	
264	267	Lime	
267	284	Shale	
284	293	Lime	
293	322	Shale	
322	336	Lime	
336	344	Shale	

Vesecky #4-5R  
Douglas Co., KS

344	370	Lime	
370	378	Shale	
378	410	Lime	
410	413	Shale	
413	418	Lime	
418	558	Shale	
558	560	Red Bed	
560	562	Bl. Shale	
562	565	Lime	
565	571	Shale	
571	580	Lime	
580	630	Shale	
630	636	Lime	
636	640	Bl. Shale	
640	648	Shale	
648	669	Lime	
669	675	Shale	
675	678	Bl. Shale	
678	689	Shale	
689	699	Sand	Laminated, good saturation, Good bleed at 696-698.
699	782	Shale	
<b>782</b>		<b>TD</b>	

Coring		
Run	Footage	Rec.
1	690-710	20
2		
3		