

# McGown Drilling, Inc.

## Mound City, Kansas

**Operator:**

N & W Enterprises, Inc.  
Fort Scott, KS

**Giefer #17 Inj.**

Crawford Co., KS  
34-28S-22E  
API: 15-037-22224

**Spud Date:** 10/1/2013  
**Surface Casing:** 7"  
**Surface Length:** 20.0'  
**Surface Cement:** 5 sx

**Surface Bit:** 11"  
**Drill Bit:** 5.875"  
**Longstring:** 425.8'  
**Longstring Date:** 10/2/2013

### Driller's Log

Top	Bottom	Formation	Comments
0	6	Soil	
6	22	Lime	
22	76	Shale	
76	117	Lime	
117	120	Bl. Shale	
120	155	Shale	
155	185	Sandy Shale	
185	204	Lime	20'
204	212	Bl. Shale & Shale	
212	218	Lime	5'
218	231	Bl. Shale & Shale	
231	232	Coal	
232	236	Shale	
236	240	Sandy Shale	
240	317	Shale	
317	318	Coal	
318	322	Bl. Shale	
322	335	Shale	
335	357	Sandy Shale	
357	358	Coal	
358	376	Shale	
376	380	Sandy Shale	
380	386	Sand	Good oil show
386	388	Sand	
388	394	Sand	
394	430	Shale	
<b>430</b>	<b>TD</b>		

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