

McGown Drilling, Inc.

Mound City, Kansas

Operator:

McGown Drilling, Inc.
Mound City, Kansas

Randall M16-11

Linn County, Kansas
11-22S-23E
API: 107-24560

Spud Date: 1/19/2012
Surface Casing: 7"
Surface Length: 21.80'
Surface Cement: 4 sx

Surface Bit: 9.875"
Drill Bit: 5.625"
Longstring: 542'
Longstring Date: 1/26/2012

Driller's Log

Top	Bottom	Formation	Comments
0	3	Soil	
3	12	Clay	
12	14	Gravel	
14	15	Lime	
15	20	Sand	
20	29	Lime	
29	87	Shale	
87	88	Coal	
88	92	Shale	
92	106	Lime	
106	118	Shale	
118	123	Lime	
123	125	Dark Shale	
125	134	Sand	
134	137	Sandy Shale	
137	164	Shale	
164	173	Lime	
173	185	Shale	
185	187	Dark Shale	
187	192	Shale	
192	194	Lime	
194	200	Shale	
200	205	Sand	
205	210	Sandy Shale	
210	233	Shale	
233	242	Sand	

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242	276	Shale
276	277	Coal
277	290	Shale
290	291	Lime
291	293	Dark Shale
293	356	Shale
356	357	Lime
357	358	Coal
358	374	Shale
374	376	Sand
376	389	Dark Shale
389	392	Sand
392	415	Shale
415	422	Sandy Shale
422	445	Shale
445	446	Coal
446	449	Shale Muddy
449	460	Sand / Sandy shale
460	461	Shale
461	465	Sand
465	466	Shale
466	468	Shale
468	470	Coal
470	491	Dark Shale
491	492	Coal
492	524	Shale
524	542	Mississippian
542		TD