

McGown Drilling, Inc.

Mound City, Kansas

Operator:

McGown Drilling, Inc.
Mound City, Kansas

Randall E15

Linn County, Kansas
11-22S-23E
API: 107-24920

Spud Date: 12/29/2014
Surface Casing: 8-5/8"
Surface Length: 23'
Surface Cement: 4sx
Longstring: 4-1/2"

Surface Bit: 11"
Drill Bit: 6-3/4"
Longstring: 523.3'
Longstring Date: 1/5/2014

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	15	Clay	
15	17	Gravel	
17	26	Lime	
26	77	Shale	
77	80	Blk Shale	
80	82	Shale	
82	96	Lime	Slight odor & rainbow in samples
96	110	Shale	
110	114	Lime	
114	117	Blk Shale	
117	130	Sand	Slight odor & rainbow in samples
130	150	Shale	
150	175	Lime	
175	184	Shale	
184	189	Lime	
189	194	Shale	
194	229	Sandy Shale	
229	239	Sand	Slight odor
239	241	Sandy Shale	
241	288	Shale	
288	290	Lime	
290	292	Coal	
292	310	Shale	
310	347	Red Bed	
347	349	Lime	Ardmore

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349	351	coal
351	390	Shale
390	410	Sand
410	444	Shale
444	464	Sand
464	466	Coal
466	534	Sand
534	542	Lime
542		TD