

McGown Drilling, Inc.

Mound City, Kansas

Operator:

McGown Drilling, Inc.
Mound City, Kansas

Randall K14-11

Linn County, Kansas
11-22S-23E
API: 107-24585

Spud Date: 12/10/2012
Surface Casing: 7"
Surface Length: 21.0'
Surface Cement: 6 sx

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 504.0'
Longstring Date: 12/12/2012

Driller's Log

Top	Bottom	Formation	Comments
0	3	Soil	
3	12	Clay	
12	17	Yellow clay	
17	20	Shale	
20	28	Lime	
28	31	Shale	
31	41	Sandy Shale	
41	60	Shale	
60	77	Sandy Shale	
77	78	Coal	
78	80	Shale	
80	100	Lime	
100	114	Shale	
114	118	Lime	
118	131	Sand	
131	160	Shale	
160	180	Lime	
180	187	Shale	
187	199	Lime	
199	204	Sandy Shale	
204	230	Shale	
230	238	Sand	
238	275	Shale	
275	277	Coal	
277	299	Shale	
299	300	Coal	

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300	314.5	Sand
314.5	316	Lime
316	350	Shale
350	354	Lime
354	355	Coal
355	361	Shale
361	364	Sand
364	386	Shale
386	392	Lime
392	393	Coal
393	438	Shale
438	439	Coal
439	441	Shale
441	445	Shale
445	452	Sandy Shale
452	467.5	Sand
467.5	469	Coal
469	521	Shale
521	522	Lime
522		TD