

McGown Drilling, Inc.

Mound City, Kansas

Operator:

McGown Drilling, Inc.
Mound City, Kansas

McGown Family Trust Z18-14

Linn County, Kansas
14-22S-23E
API: 107-24558

Spud Date:	11/11/2011	Surface Bit:	11.0"
Surface Casing:	8 5/8"	Drill Bit:	6.75"
Surface Length:	22.50'	Longstring:	855.50'
Surface Cement:	6 sx	Longstring Date:	11/22/2011

Driller's Log

Top	Bottom	Formation	Comments
0	18	Soil & Clay	
18	32	Shale	
32	44	Lime	
44	108	Shale	
108	125	Lime	
125	132	Shale	
132	138	Lime	
138	140	Bl. Shale	
140	182	Shale	
182	201	Lime	20'
201	210	Bl. Shale & Shale	
210	214	Lime	5'
214	248	Shale	
248	258	Sand	
258	362	Shale	
362	364	Lime	
364	372	Shale	
372	373	Coal	
373	398	Shale	
398	400	Sand	
400	449	Shale	
449	450	Coal	
450	459	Shale	
459	471	Sand	
471	474	Sand	
474	475	Coal	

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475	522	Shale	
522	524	Coal	
524	530	Shale	
530	634	Lime	Mississippi
634	638	Shale	
638	840	Lime / Chert	
840	852	Shale	
852	865	Lime / Chert	Arbuckle
865	868	Dolomite	
868	883	Chert	
883	890	Dolomite	
890	1025	Dolomite	
1025		TD	