

McGown Drilling, Inc.

Mound City, Kansas

Operator:

Energex Kansas, Inc.
Overland Park, KS

Thoele South BSI-TS 35

Franklin Co, KS
29-18S-21E
API # 059-26387

Spud Date: 6/28/2013
Surface Casing: 7"
Surface Length: 23.0'
Surface Cement: 4 sx

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 791.95'
Longstring Date: 7/2/2013

Driller's Log

Top	Bottom	Formation	Comments
0	1	Soil	
1	9	Unconsolidated rock w/clay	
9	30	Lime	
30	65	Shale	
65	98	Lime	
98	173	Shale	
173	190	Lime	
190	215	Shale	
215	223	Lime	
223	266	Shale	
266	366	Lime	
366	518	Shale	
518	522	Lime	
522	531	Shale	
531	551	Lime	
551	559	Shale	
559	563	Sand	Grey, no oil show
563	571	Sandy Shale	
571	594	Shale	
594	595	Coal	
595	602	Lime	
602	616	Shale	
616	618	Lime	
618	619	Coal	
619	636	Shale	
636	641	Lime	

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641	660	Shale	
660	661	Coal	
661	670	Lime	
670	676	Lime	Oil Show, fair bleed to the pit
676	677	Coal	
677	687	Shale	Sandy
687	690	Sand	
690	743	Sandy Shale & Shale	
743	751	Sand	Good oil show
751	802	Shale	
802	TD		