

McGown Drilling, Inc.
Mound City, Kansas

Operator:

Energex Kansas, Inc.
Overland Park, KS

Gilchrist BSP-GC 3

Franklin Co., KS
4-18S-21E
API: 059-26474

Spud Date: 8/16/2013
Surface Casing: 7"
Surface Length: 22.10'
Surface Cement: 6 sx

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 825.75'
Longstring Date: 8/20/2013

Driller's Log

Top	Bottom	Formation	Comments
0	3	Surface boulders	
3	8	Clay with lime	
8	13	Lime	
13	43	Shale	
43	64	Lime	
64	92	Shale	
92	100	Lime	
100	157	Shale	
157	179	Lime	
179	198	Shale	
198	214	Lime	
214	245	Shale	
245	259	Lime	
259	268	Shale	
268	296	Lime	
296	302	Shale	
302	348	Lime	
348	444	Shale	
444	454	Lime	
454	458	Sand	
458	480	Shale	Mucky
480	490	Shale	
490	496	Sandy Shale	
496	515	Lime	
515	540	Shale	
540	548	Lime	
548	559	Shale	
559	562	Lime	

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562	573	Shale	
573	575	Lime	
575	591	Shale	
591	599	Lime	
599	608	Shale	
608	614	Sand	Small oil show, light odor
614	618	Sandy Shale	No oil show
618	620	Sand	Small oil show
620	622	Sandy Shale	Fair odor, light show
622	626	Sand	Good oil odor, oil show
626	638	Sandy Shale	
638	671	Shale	
671	674	Coal	
674	676	Shale	
676	684	Sand	Laminated, good odor, fair oil show
684	686	Sandy Shale	Odor, laminated, worse show
686	687	Shale	
687	691	Shale	
691	718	Sandy Shale	Laminated, no show
718	758	Shale	
758	764	Sand	Oil odor, light oil show
764	774	Sandy Shale	
774	778	Sand	No oil show
778	786	Sandy Shale	
786	792	Sand	Good sand, faint odor, no visible show
792	798	Sandy Shale	
798	806	Shale	
806	812	Sandy Shale	
812	842	Shale	
842	TD		