

McGown Drilling, Inc.
Mound City, Kansas

Operator:
Enerjex Kansas, Inc.
Overland Park, KS

Hahn BSP-HN 1
Miami Co., KS
23-18S-21E
API: 121-29498

Spud Date: 5/17/2013
Surface Casing: 7"
Surface Length: 20.0'
Surface Cement: 5 sx

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 729.40'
Longstring Date: 5/22/2013

Driller's Log

Top	Bottom	Formation	Comments
0	4	Soil & Clay	
4	22	Lime	
22	39	Shale	
39	49	Lime	
49	87	Shale	
87	102	Lime	
102	111	Shale	
111	140	Lime	
140	148	Bl. Shale & Shale	
148	169	Lime	
169	174	Bl. Shale & Shale	
174	183	Lime	
183	325	Big Shale	
325	340	Lime	
340	350	Shale	
350	363	Lime	
363	369	Shale	
369	370	Sand	Oil show
370	414	Shale	
414	418	Lime	
418	428	Shale	
428	432	Lime	
432	450	Shale	
450	459	Lime	
459	478	Shale	
478	488	Lime	
488	492	Shale	
492	496	Sand	Good oil show

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496	499	Sand	Fair oil show
499	555	Shale	
555	559	Sand	Fair oil show
559	577	Shale	
577	582	Sand	Grey, no show
582	598	Shale	
598	601	Lime	
601	619	Shale	
619	620	Coal	
620	709	Shale	
709	712	Sand	Grey, no show
712	730	Shale	
730	743	Sand / Sandy Shale	
743	TD		