McGOWN DRILLING, INC.

Operator:
S&B Operating, LLC
Overland Park, KS

ABC #SB-1

Miami Co., KS
22-17S-22E
API: 121-31334

Spud Date:	4/12/2017	**Surface Bit:**	9.875"
Surface Casing:	7.0"	**Drill Bit:**	5.875"
Surface Length:	22.5'	**Longstring:**	389.85'
Surface Cement:	4 sx	**Longstring Date:**	4/13/2017
Longstring:	2 7/8 EUE		

Driller's Log

Top	Bottom	Formation	Comments	
0	2	Soil		
2	10	Clay & Gravel		
10	21	Lime		
21	39	Shale		
39	45	Lime		
45	79	Shale		
79	95	Lime		
95	105	Shale		
105	127	Lime		
127	137	Shale		
137	161	Lime		
161	166	Shale		
166	168	Lime		
168	175	Lime	Shaley	
175	180	Lime		
180	318	Shale		
318	348	Sand	318-322	Broken sand, faint odor
348	350	Shale	322-324	Sandy lime, no odor, no show
350	357	Lime	324-326	Broken sand, odor, washed out
357	402	Shale	326-331.5	Better sand, better odor
402		**TD**	331.5-334	Good sand, good bleed
			334-334.5	Sand - limey, no show
			334.5-336.5	Mostly sand, good bleed
			336.5-339	Sand - limey, spotty bleed back
			339-348	Mostly sand, good bleed

Core

Run	Depth	Rec.
1	331-351	20'

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