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McGOWN DRILLING, INC.

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

ABC #SBI-1

Miami Co., KS
22-17S-22E
API: 121-31340

Spud Date:	5/26/2017	**Surface Bit:**	9.875"
Surface Casing:	7.0"	**Drill Bit:**	5.875"
Surface Length:	22.4'	**Longstring:**	366.55'
Surface Cement:	4 sx	**Longstring Date:**	5/30/2017
Longstring:	2 7/8 EUE		

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	15	Lime	
15	39	Shale	
39	44	Lime	
44	78	Shale	
78	95	Lime	
95	100	Shale	
100	132	Lime	
132	134	Shale	
134	155	Lime	
155	159	Shale	
159	174	Lime	
174	314	Shale	
314	318	Red Bed	
318	346.5	Sand	318-324 Sandy shale & sand, slight odor, no bleed
346.5	372	Shale	324-328 Broken sand, slight bleed in samples
372		**TD**	328-330 Broken, mostly shale, slight spotty bleed
			330-333.5 Laminated, mostly sand, no bleed back
			333.5-335 Limey sand, white, no oil
			335-336.5 Soft brown sand, good bleed
			336.5-340 Laminated, mostly good soft brown sand
			340-344.5 Laminated sand with good odor, bleed back more spotty than above
			344.5-346.5 Laminated sand, gassy, fair bleed

Core

Run	Depth	Rec.
1	328-348	19'

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