

McGOWN

DRILLING, INC.

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

ABC #SB-3

Miami Co., KS
22-17S-22E
API: 121-31336

Spud Date: 4/10/2017
Surface Casing: 7.0"
Surface Length: 22.0'
Surface Cement: 4 sx
Longstring: 2 7/8 EUE

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 359.9'
Longstring Date: 4/11/2017

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	10	Clay & gravel	
10	12	Lime	
12	21	Shale	
21	27	Lime	
27	63	Shale	
63	78	Lime	
78	87	Shale	
87	111	Lime	
111	116	Shale	
116	118	Bl. Shale	
118	144	Lime	
144	148	Shale	
148	160.5	Lime	
160.5	165	Shale	Limey
165	300	Shale	
300	328.5	Sand	See below
328.5	336	Lime	
336	345	Shale	Limey
345	382	Shale	
382		TD	
			300-313 Laminated sand, slight odor
			313-318 Mostly sand, fair bleed
			318-319 Lime
			319-324 Good sand, good oil bleed
			324-328 Some shale laminations, good bleed of free oil
Run	Core Depth	Rec.	
1	307-327	20'	