



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

ABC #SB-5

Miami Co., KS
 22-17S-22E
 API: 121-31339

Spud Date: 4/18/2017
Surface Casing: 7.0"
Surface Length: 22.5'
Surface Cement: 4 sx
Longstring: 2 7/8 EUE

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 358.1'
Longstring Date: 4/19/2017

Driller's Log

Top	Bottom	Formation	Comments
0	2	Soil	
2	7	Clay	
7	20	Lime	
20	37	Shale	
37	41	Lime	
41	76	Shale	
76	89	Lime	
89	99	Shale	
99	111	Lime	
111	112	Shale	
112	124	Lime	
124	132	Shale	
132	134	Bl. Shale	
134	157	Lime	
157	160	Bl. Shale	
160	174	Lime	
174	180	Shale	Limey
180	310	Shale	
310	340.5	Sand	310-314 Mostly shale, slight odor, no visible show
340.5	342	Shale	314-317 Good sand, slight odor, no bleed
342	350	Lime	317-323.5 Laminated grey sand, no bleed
350	382	Shale	323.5-328 Laminated, mostly sand, spotty bleed
382		TD	328-330 Solid sand, fair bleed
	Core		330-332 Lime
Run	Depth	Rec.	332-334 Sand, good bleed
1	317-337	17.5'	334-340.5 Sand, softer, good bleed
			340.5-342 Shale