McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
BREWER #11-A RJ ENERGY, LLC			
API #:	1503124292	S-T-R:	13-23-16E
County:	Coffey	Date:	12/20/2018

Casing			
Surface		Longstring	
Size:	7.0 "	Size:	2 7/8 "
Tally:	42 '	Tally:	971.05 '
Cement:	4 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	12/24/2018

Top	Base	Formation		Top	Base	Formation	
0	2	Soil					
2	23	Clay					
23	31	Sand & gravel					
31	96	Shale					
96	107	Lime					
107	133	Sand	White				
133	178	Lime					
178	278	Shale					
278	288	Lime					
288	294	Shale					
294	305	Lime					
305	312	Shale					
312	316	Lime					
316	328	Shale					
328	385	Lime					
385	392	Shale					
392	397	Lime					
397	431	Shale					
431	504	Lime					
504	513	Shale					
514	552	Lime					
552	747	Shale					
747	753	Lime					
753	812	Shale					
812	826	Lime					
826	842	Shale					
842	846	Lime					
846	882	Shale					
882	891	Lime					
891	938	Shale					
938	939	Lime					
939	945	Sandy shale					
945	951	Sand					
951		Sandy shale					
978		TD					
			Total Depth: 978				

Sand / Core Detail			
Core #1:		Core #2:	
942	945	Sandy shale and sand. Slight bleed.	
		Fair odor.	
945	951	Good odor, fair bleed, slightly laminated.	