McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
BREWER #5-A			
RJ ENERGY, LLC			
API #:	1503124290	S-T-R:	13-23-16E
County:	Coffey	Date:	12/14/2018

Casing			
Surface		Longstring	
Size:	7.0 "	Size:	2 7/8 "
Tally:	41.8 '	Tally:	972.1 '
Cement:	4 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	12/18/2018

Top	Base	Formation	
0	2	Soil	
2	20	Clay	
20	30	Sand & gravel	
30	92	Shale	
92	102	Lime	
102	126	Sand	White
126	175	Lime	
175	272	Shale	
272	283	Lime	
283	290	Shale	
290	305	Lime	
305	312	Shale	
312	384	Lime	
384	391	Shale	
391	393	Lime	
393	398	Shale	
398	404	Lime	
404	428	Shale	
428	500	Lime	
500	512	Shale	
512	556	Lime	
556	742	Shale	
742	753	Lime	
753	758	Shale	
758	771	Lime	
771	810	Shale	
810	824	Lime	
824	843	Shale	
843	846	Lime	
846	883	Shale	
883	892	Lime	
892	936	Shale	
936	940	Sandy Shale	
940	951	Sand	
951		Sandy Shale	
975		TD	
		Total Depth:	975

Top	Base	Formation

Sand / Core Detail		
Core #1:		Core #2:
936	940	Odor in sand, broken sand.
940	951	Sand, soft, good bleed to pit,
		slightly broken.