McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
Freeman A #2-I RJ ENERGY, LLC			
API #:	15-031-24353	S-T-R:	11-23-16E
County:	Coffey	Date:	1/31/2019

Casing			
Surface		Longstring	
Size:	7.0 "	Size:	2 7/8 "
Tally:	41 '	Tally:	100.2 '
Cement:	4 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	2/8/2019

Top	Base	Formation	Top	Base	Formation
0	2	Soil			
2	17	Clay			
17	24	Sand & gravel			
24	126	Shale			
124	131	Lime			
131	151	Sand			
151	198	Lime			
198	290	Shale			
290	304	Lime			
304	310	Shale			
310	342	Lime			
342	345	Shale			
345	415	Lime			
415	466	Shale			
466	475	Lime			
475	476	Shale			
476	528	Lime			
528	535	Shale			
535	583	Lime			
583	775	Shale			
745	775	Lime			
775	844	Shale			
844	851	Lime			
851	869	Shale			
869	877	Lime			
877	911	Shale			
911	917	Lime			
917	962	Shale			
962	975	Sand			
975	1008	Sandy Shale			
1008		TD			

Total Depth: 1002

Sand / Core Detail		
Core #1:		Core #2:
959	962	Sandy shale, slight odor, no bleed.
962	965	Soft sand, slightly laminated, good odor, no bleed, very little oil show in samples
965	973	Same as 962-965.