McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
MURROW #5-I			
RJ ENERGY, LLC			
API #:	15-107-25300	S-T-R:	16-23-22E
County:	Linn	Date:	11/19/2018

Casing			
Surface		Longstring	
Size:	7.0 "	Size:	2 7/8 "
Tally:	23.2 '	Tally:	660.95 '
Cement:	4 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	11/20/2018

Top	Base	Formation		Top	Base	Formation	
0	2	Soil					
2	26	Lime					
26	29	Shale	Blk.				
29	48	Lime					
48	52	Shale	Blk.				
52	82	Lime					
82	236	Shale					
236	247	Limey Shale					
247	265	Lime					
265	335	Shale					
335	365	Lime					
365	412	Shale					
412	427	Lime					
427	428	Shale					
428	430	Lime					
430	538	Shale					
538	540	Lime					
540	625	Shale					
625	635	Sand					
635	640	Shale					
640	648	Sand					
648	665	Shale					
665		TD					

Sand / Core Detail		
Core #1:		Core #2:
625	631	Laminated sand, good bleed, good odor.
631	635	Blk. Sand, dead oil, no bleed.

Total Depth: 665