

Operator License #: 35122	API #: 15-205-28453-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-SWD-1
Phone: (620) 432-1192	Spud Date: 10/4/18 Completed: 10/8/18
Contractor License: 34036	Location: NW-SE-NW-NE of 21-30S-16E
T.D. : 1203 T.D. of Pipe: 1198	800 Feet From North
Surface Pipe Size: 7" Depth: 33'	1719 Feet From East
Kind of Well: SWD	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
15	Soil/Clay	0	15	33	Shale	711	744
15	Gravel	15	30	1	Lime	744	745
17	Sandstone	30	47	85	Shale	745	830
2	Coal	47	49	15	Oil Sand/Bleed	830	845
58	Shale	49	107	3	Black Shale	845	848
17	Lime	107	124	41	Shale	848	889
20	Shale	124	144	6	Hard Sand/Bleed	889	895
49	Lime	144	193	38	Shale	895	933
2	Coal	193	195	21	Oil Sand	933	954
5	Lime	195	200	91	Sand	954	1045
66	Shale	200	266	35	Shale	1045	1080
18	Lime	266	284	40	Lime	1080	1120
14	Shale	284	298	4	Hard Lime	1120	1124
18	Lime	298	316	6	Shaley Lime	1124	1130
73	Shale w/lime strks	316	389	26	Lime	1130	1156
49	Lime w/shale strks	389	438	7	Lime Break	1156	1163
116	Shale	438	554	40	Hard Lime	1163	1203
30	Lime	554	584				
26	Shale	584	610				
23	Dry Sand	610	633				
8	Shale	633	641				
24	Lime	641	665				
3	Shale	665	668				
2	Black Shale	668	670				
5	Shale	670	675				
12	Lime	675	687		Pipe T.D.		1198
21	Shale	687	708		T.D.		1203
3	Lime	708	711				

