

Operator License #: 35122	API #: 15-205-28440-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-21
Phone: (620) 432-1192	Spud Date: 9/11/18 Completed: 9/13/18
Contractor License: 34036	Location: NE-SE-NW-NE of 21-30S-16E
T.D.: 1002 T.D. of Pipe: 995	685 Feet From North
Surface Pipe Size: 7" Depth: 33'	1503 Feet From East
Kind of Well: Oil	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
8	Soil/Clay	0	8	2	Lime	745	747
22	Gravel	8	30	3	Black Shale	747	750
2	Shale	30	32	84	Shale	750	834
16	Lime	32	48	12	Oil Sand	834	846
2	Coal	48	50	1	Dark Sand, odor	846	847
57	Shale	50	107	44	Shale	847	891
18	Lime	107	125	5	Hard Oil Sand	891	896
20	Shale	125	145	53	Shale	896	949
58	Lime	145	203	53	Sand, no odor	949	1002
65	Shale	203	268				
17	Lime	268	285				
13	Shale	285	298				
18	Lime	298	316				
107	Shale w/lime strks	316	423				
2	Lime	423	425				
2	Shale	425	427				
11	Lime	427	438				
117	Shale	438	555				
31	Lime	555	586				
29	Shale	586	615				
21	Sand, no odor	615	636				
7	Shale	636	643				
23	Lime	643	666				
9	Shale	666	675				
9	Lime	675	684				
3	Shale	684	687		Pipe T.D.		995
3	Black Shale	687	690		T.D.		1002
55	Shale	690	745				

