

Operator License #: 35122	API #: 15-205-28455-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-22
Phone: (620) 432-1192	Spud Date: 9/19/18 Completed: 9/20/18
Contractor License: 34036	Location: SW-NW-NE-NE of 21-30S-16E
T.D. : 982 T.D. of Pipe: 974	517 Feet From North
Surface Pipe Size: 7" Depth: 33'	1212 Feet From East
Kind of Well: Oil	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
26	Soil/Clay/Sand	0	26	5	Shale	663	668
17	Sandstone	26	43	15	Lime	668	683
2	Coal	43	45	55	Shale	683	738
58	Shale	45	103	2	Lime	738	740
10	Lime	103	113	81	Shale	740	821
6	Shale	113	119	19	Oil Sand	821	840
4	Lime	119	123	2	Black Sand	840	842
19	Shale	123	142	105	Shale	842	947
48	Lime	142	190	35	Sand, no odor	947	982
2	Shale	190	192				
5	Lime	192	197				
62	Shale	197	259				
18	Lime	259	277				
14	Shale	277	291				
18	Lime	291	309				
74	Shale w/lime strks	309	383				
20	Lime	383	403				
8	Shale	403	411				
22	Lime	411	433				
115	Shale	433	548				
25	Lime	548	573				
2	Shale	573	575				
3	Lime	575	578				
33	Shale	578	611				
24	Sand- no odor	611	635				
23	Lime	635	658		Pipe T.D.		974
3	Shale	658	661		T.D.		982
2	Black Shale	661	663				

