

Operator License #: 35122	API #: 15-205-28439-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-18
Phone: (620) 432-1192	Spud Date: 9/13/18 Completed: 9/17/18
Contractor License: 34036	Location: SE-NE-NW-NE of 21-30S-16E
T.D. : 997 T.D. of Pipe: 990	398 Feet From North
Surface Pipe Size: 7" Depth: 33'	1445 Feet From East
Kind of Well: Oil	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
23	Soil/Clay/Gravel	0	23	5	Shale	632	637
25	Sandstone	23	48	24	Lime	637	661
2	Coal	48	50	6	Shale/Black Shale	661	667
56	Shale	50	106	3	Shale	667	670
14	Lime	106	120	7	Lime	670	677
22	Shale	120	142	4	Shale/Black Shale	677	681
50	Lime	142	192	60	Shale	681	741
2	Black Shale	192	194	2	Lime	741	743
6	Lime	194	200	81	Shale	743	826
64	Shale	200	264	15	Oil Sand-bleed	826	841
18	Lime	264	282	44	Sandy Shale	841	885
14	Shale	282	296	5	Hard Oil Sand	885	890
16	Lime	296	312	45	Shale	890	935
40	Shale	312	352	18	Oil Sand- Lt bleed	935	953
3	Lime	352	355	44	Dry Sand	953	997
31	Shale	355	386				
6	Lime	386	392				
22	Shale	392	414				
7	Lime	414	421				
5	Shale	421	426				
10	Lime	426	436				
3	Shale	436	439				
2	Lime	439	441				
109	Shale	441	550				
31	Lime	550	581				
31	Shale	581	612		Pipe T.D.		990
4	Oil Sand-bleed	612	616		T.D.		997
16	Dry Sand	616	632				

