

Operator License #: 35122	API #: 15-205-28435-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-17
Phone: (620) 432-1192	Spud Date: 8/14/18 Completed: 8/15/18
Contractor License: 34036	Location: SW-NW-NW-NE of 21-30S-16E
T.D. : 935 T.D. of Pipe: 929	397 Feet From South
Surface Pipe Size: 7" Depth: 33' Cement: 9SKS	1911 Feet From East
Kind of Well: Oil	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
22	Soil/Clay	0	22	19	Oil good bleed	615	634
3	Lime	22	25	12	Sand no bleed	634	646
32	Sandstone	25	57	23	Lime	646	669
2	Coal	57	59	9	Shale/Black Shale	669	678
3	Shale	59	62	5	Lime	678	683
2	Lime	62	64	46	Shale	683	749
50	Shale	64	114	1	Lime	749	750
14	Lime	114	128	2	Black Shale	750	752
4	Shale	128	132	80	Shale	752	832
2	Lime	132	134	5	Sandy Shale	832	837
16	Shale	134	150	13	Oil Sand bleed	837	850
52	Lime	150	202	44	Shale	850	894
2	Coal	202	204	2	Hard Oil Sand	894	896
3	Lime	204	207	39	Shale	896	935
66	Shale	207	273				
18	Lime	273	291				
14	Shale	291	305				
18	Lime	305	323				
37	Shale w/lime stks	323	360				
4	Lime	360	364				
31	Shale	364	395				
3	Lime	395	398				
34	Shale w/lime stks	398	432				
10	Lime	432	442				
117	Shale	442	559				
29	Lime	559	588		Pipe T.D.		929
20	Shale	588	608		T.D.		935
7	Oil light odor	608	615				

