

Operator License #: 35122	API #: 15-205-28450-00-00
Operator: Lakeshore Operating, LLC	Lease: Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-23
Phone: (620) 432-1192	Spud Date: 10/24/18 Completed: 10/29/18
Contractor License: 34036	Location: NW-SW-NW-NE of 21-30S-16E
T.D. : 982 T.D. of Pipe: 977	864 Feet From North
Surface Pipe Size: 7" Depth: 22'	2475 Feet From East
Kind of Well: Oil	County: Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
9	Soil/Clay	0	9	4	Shale	654	658
9	Gravel	9	18	2	Black Shale	658	660
22	Sandstone	18	40	4	Shale	660	664
1	Coal	40	41	11	Lime	664	675
5	Shale	41	46	58	Shale	675	733
2	Lime	46	48	1	Lime	733	734
50	Shale	48	98	82	Shale	734	816
19	Lime	98	117	9	Oil Sand	816	825
21	Shale	117	138	94	Shale	825	919
55	Lime	138	193	23	Oil Sand/Bleed	919	942
66	Shale	193	259	8	Oil Sand-better bld	942	950
18	Lime	259	277	32	Dry Sand	950	982
13	Shale	277	290				
19	Lime	290	309				
39	Shale w/lime strks	309	348				
3	Lime	348	351				
10	Shale	351	361				
2	Lime	361	363				
15	Shale	363	378				
50	Lime w/shale strks	378	428				
116	Shale	428	544				
25	Lime	544	569				
2	Shale	569	571				
3	Lime	571	574				
24	Shale	574	598				
21	Oil Sand	598	619		Pipe T.D.		987
9	Sand- Dry	619	628		T.D.		996
26	Lime	628	654				

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