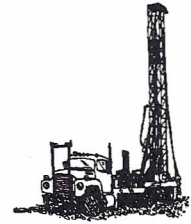


LEIS OIL SERVICES

111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676



Operator License #: 5983	API #: 15-001-30395-0000
Operator: Victor J. Leis	Lease: Leis A & B
Address: PO Box 223 Yates Center, KS 66783	Well #: N-9
Phone: 913.285.0127	Spud Date: 7/5/12 Completed: 7/6/12
Contractor License: 32079	Location: SW-SW-NE-NE of 2-24-17E
T.D. : 1219 T.D. of Pipe: 1208	1243 Feet From North
Surface Pipe Size: 7" Depth: 22'	1082 Feet From East
Kind of Well: Oil	County: Allen

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
12	Soil/Clay/Gravel	0	12	34	Shale	803	837
8	Lime	12	20	1	Lime	837	838
96	Shale	20	116	12	Shale	838	850
18	Lime	116	134	1	Lime	850	851
10	Shale	134	144	2	Shale	851	853
6	Lime	144	150	1	Lime	853	854
37	Shale	150	187	289	Shale	854	1143
52	Lime	187	239	2	Coal	1143	1145
44	Shale	239	283	10	Shale	1145	1155
3	Lime	283	286	11	Soft Lime/Oil Show	1155	1166
26	Shale	286	312	3	Lime/light odor	1166	1170
69	Lime	312	381	49	Lime	1170	1219
3	Shale	381	384				
3	Black Shale	384	387				
45	Lime	387	432				
177	Shale	432	609				
2	Lime	609	611				
17	Shale	611	628				
11	Lime	628	639				
67	Shale	639	706				
22	Broken Lime	706	728				
9	Shale	728	737				
4	Lime	737	741				
19	Shale	741	760		T.D.		1219
14	Lime	760	774		T.D. of Pipe		1208
10	Shale	774	784				
5	Lime	784	789				
12	Shale	789	801				
2	Lime	801	803				