

<b>Operator License #:</b> 5983	<b>API #:</b> 15-207-28856-00-00
<b>Operator:</b> Victor J. Leis	<b>Lease:</b> Ferree
<b>Address:</b> PO Box 223 Yates Center, KS 66783	<b>Well #:</b> A-3
<b>Phone:</b> 913.285.0127	<b>Spud Date:</b> 04-23-14 <b>Completed:</b> 04-24-14
<b>Contractor License:</b> 34036	<b>Location:</b> NE-NW-NE-SE <b>of</b> 28-24-16E
<b>T.D. :</b> 998 <b>T.D. of Pipe:</b> 993	2475 <b>Feet From</b> South
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 42'	1155 <b>Feet From</b> East
<b>Kind of Well:</b> Oil	<b>County:</b> Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
26	Soil and Clay	0	26	7	Lime	891	898
76	Shale	26	102	14	Shale	898	912
29	Lime	102	131	4	Lime	912	916
4	Shale	131	135	4	Shale	916	920
17	Lime	135	152	2	Black Shale	920	922
30	Shale	152	182	3	Lime	922	925
111	Lime	182	293	3	Shale	925	928
15	Shale	293	308	3	Broken Oil Sand	928	931
70	Lime	308	378	11	Oil Sand	931	942
68	Shale	378	446	30	Sandy Shale	942	972
71	Lime	446	517	2	Lime	972	974
11	Shale/Black Shale	517	528	4	Shale	974	978
21	Lime	528	549	1	Lime	978	979
4	Black Shale	549	553	19	Shale	979	998
23	Lime	553	576				
167	Shale	576	743				
3	Lime	743	746				
22	Shale	746	768		T.D.		998
10	Lime	768	778		T.D. of pipe		993
64	Shale	778	842				
3	Lime	842	845				
7	Shale	845	852				
3	Lime	852	855				
5	Shale	855	860				
3	Lime	860	863				
9	Shale	863	872				
3	Lime	872	875				
2	Black Shale	875	877				
14	Shale	877	891				