

<b>Operator License #:</b> 5983	<b>API #:</b> 15-207-29050-00-00
<b>Operator:</b> Victor J. Leis	<b>Lease:</b> Ferree
<b>Address:</b> PO Box 223 Yates Center, KS 66783	<b>Well #:</b> A-4
<b>Phone:</b> 913.285.0127	<b>Spud Date:</b> 09-17-14 <b>Completed:</b> 09-19-14
<b>Contractor License:</b> 34036	<b>Location:</b> SE-NE-NE-SE    of    28-24-16E
<b>T.D. :</b> 991 <b>T.D. of Pipe:</b> 989	2145 <b>Feet From</b> South
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 42'	165 <b>Feet From</b> West
<b>Kind of Well:</b> Oil	<b>County:</b> Woodson

# LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
18	Soil and Clay	0	18	5	Shale	912	917
91	Shale	18	109	2	Black Shale	917	919
26	Lime	109	135	2	Lime	919	921
5	Shale	135	140	5	Shale	921	926
21	Lime	140	161	9	Oil Sand	926	935
23	Shale	161	184	26	Shale	935	961
208	Lime	184	392	1	Lime	961	962
53	Shale	392	445	3	Shale	962	965
71	Lime	445	516	1	Lime	965	966
6	Shale/Black Shale	516	522	25	Shale	966	991
26	Lime	522	548				
3	Black Shale	548	551				
26	Lime	551	575				
165	Shale	575	740				
4	Lime	740	744				
24	Shale	744	768				
11	Lime	768	779				
61	Shale	779	840		T.D.		991
5	Lime	840	845		T.D. of pipe		989
11	Shale	845	856				
5	Lime	856	861				
9	Shale	861	870				
3	Lime	870	873				
13	Shale	873	886				
7	Lime	886	893				
2	Shale	893	895				
2	Lime	895	897				
8	Shale	897	905				
7	Lime	905	912				