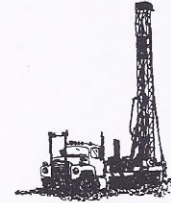




# LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



<b>Operator License #:</b> 5983	<b>API #:</b> 15-207-29327-00-00
<b>Operator:</b> Victor J. Leis	<b>Lease:</b> Stockebrand
<b>Address:</b> PO Box 223 Yates Center, KS 66783	<b>Well #:</b> N1-W4
<b>Phone:</b> 913.285.0127	<b>Spud Date:</b> 3-23-16 <b>Completed:</b> 03-24-16
<b>Contractor License:</b> 34036	<b>Location:</b> NW-SW-NW-NE    of    20-24-16E
<b>T.D. :</b> 1090 <b>T.D. of Pipe:</b> 1085	920 <b>Feet From</b> North
<b>Surface Pipe Size:</b> 7" <b>Depth:</b> 42'	2610 <b>Feet From</b> East
<b>Kind of Well:</b> Enc. Rec.	<b>County:</b> Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
12	Soil and Clay	0	12	9	Lime	971	980
5	Lime	12	17	7	Shale	980	987
186	Shale	17	203	5	Lime	987	992
55	Lime	203	258	14	Shale	992	1006
7	Shale	258	265	12	Very broken oil sand	1006	1018
200	Lime	265	465	72	Shale	1018	1090
16	Shale	465	481				
8	Lime	481	489				
45	Shale	489	534				
71	Lime	534	605				
6	Black Shale	605	611				
2	Lime	611	613				
8	Shale	613	621				
13	Lime	621	634				
4	Shale/ Black Shale	634	638				
25	Lime	638	663				
160	Shale	663	823				
4	Lime	823	827		T.D.		1090
16	Shale	827	843		T.D. of pipe		1085
12	Lime	843	855				
62	Shale	855	917				
3	Lime	917	920				
8	Shale	920	928				
12	Lime	928	940				
5	Shale	940	945				
2	Lime	945	947				
3	Shale	947	950				
4	Lime	950	954				
17	Shale	954	971				