

LEIS OIL SERVICES, LLC

1410 150TH Rd. Yates Center, KS 66783 (620) 212-0752

Operator License #: 34350	API #: 15-207-29533-00-00
Operator: Altavista Energy, Inc.	Lease: Section 35
Address: Box 128 Wellsville, KS 66092	Well #: A-3
Phone: (785) 883-4057	Spud Date: 3-21-18 Completed: 3-23-18
Contractor License: 34036	Location: SE-NW-NE-NE of 35-23-16E
T.D. : 976 T.D. of Pipe: N/A	4795 Feet From South
Surface Pipe Size: 7" Depth: 43' w/10 sx cement	825 Feet From East
Kind of Well: Dry Hole	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
18	Soil/Clay	0	18	9	Lime	766	775
114	Shale	18	132	60	Shale	775	835
7	Lime	132	139	1	Lime	835	836
9	Shale	139	148	4	Shale	836	840
20	Lime	148	168	13	Lime	840	853
3	Shale	168	171	13	Shale	853	866
20	Lime	171	191	3	Lime	866	869
76	Shale	191	267	2	Black Shale	869	871
18	Lime	267	285	12	Shale	871	883
17	Shale	285	302	4	Lime	883	887
3	Lime	302	305	16	Shale	887	903
35	Shale	305	340	4	Lime	903	907
11	Lime w/sh strks	340	351	3	Shale	907	910
10	Shale	351	361	3	Black Shale	910	913
15	Lime	361	376	4	Shale	913	917
6	Shale	376	382	3	Lime	917	920
24	Lime	382	406	4	White Shale	920	924
3	Shale	406	409	6	Broken Dead Oil	924	930
1	Lime	409	410	28	Shale	930	958
41	Shale	410	451	1	Lime	958	959
75	Lime	451	526	2	Shale	959	961
3	Shale	526	529	1	Lime	961	962
2	Black Shale	529	531	4	Very broken sand	962	966
3	Shale	531	534	11	Shale	966	976
19	Lime	534	553				
4	Black Shale	553	557				
21	Lime	557	578				
188	Shale	578	766				