

DRILL LOG

Operator License # 33741 API # 15-059-26380-00-00
 Operator Enerjex Kansas Lease Name Thoele South
 Address 2038 S. Princeton St., Ste B Well # BSP - TS39
Ottawa, KS 66067
 Contractor JTC Oil, Inc. Spud Date 6/28/13 Cement 7/05/13
 Contractor License 32834 Location _____ of _____
 T.D. 800 T.D. of Pipe 790 _____ feet from _____
 Surf. Pipe Size 7" Depth 20' _____ feet from _____
 Kind of Well Production County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	Soil	0	2	3	Shale	213	216
4	Clay	2	6	5	Red Bed	216	221
18	Lime	6	24	37	Shale	221	258
4	Shale	24	28	12	Lime	258	270
2	Red Bed	28	30	9	Shale	270	279
28	Shale	30	58	29	Lime	279	308
28	Lime	58	86	8	Black Shale	308	316
77	Shale	86	163	24	Lime	316	340
25	Lime	163	188	5	Coal	340	345
20	Shale	188	208	15	Lime	345	360
5	Lime	208	213	150	Shale	360	510

3	Lime	510	513	
11	Shale	513	524	
16	Lime	524	540	
8	Shale	540	548	
8	Sand	548	556	
24	Shale	556	580	
3	Coal	580	583	
3	Shale	583	586	
8	Lime	586	594	
12	Shale	594	606	
2	Lime	606	608	
14	Black Shale	608	622	
12	Lime	622	634	
16	Shale	634	650	
2	Lime	650	652	
3	Coal	652	655	
5	Lime	655	660	
3	Lime Oil	660	663	Good
3	Lime Oil	663	666	Good
2	Lime Oil	666	668	OK
2	Shale	668	670	
3	Coal	670	673	
13	Sand	673	686	
22	Shale	686	708	

28	Black Shale	708	736
2	Oil Sand	736	738 V-Good
2	Oil Sand	738	740 V-Good
2	Oil Sand	740	742 V-Good
2	Oil Sand	742	744 Broken
16	Shale	744	760
2	Coal	760	762
7	Shale	762	769
1	Lime	769	770
6	Shale	770	776
12	Sand	776	788
12	Shale	788	800