



Operator License # 33741  
 Operator Enerjex Kansas  
 Address 2038 S. Princeton St., Ste B  
 City Ottawa, KS 66067  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 840  
 T.D. of pipe 824  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-059-26464-00-00  
 Lease Name Thoele South  
 Well # BSP-TS48  
 Spud Date 7/18/2013  
 Cement Date 7/24/2013  
 Location Sec 29 T 18 R 21  
 1210 feet from N line  
 260 feet from W line  
 County Franklin

Driller's Log

Thickness	Strata	From	To	
2	Lime Soil	0	2	
17	Lime	2	19	
78	Shale	19	97	
21	Lime	97	118	
24	Shale	118	142	
5	Lime	142	147	
3	Shale	147	150	
4	Red Bed	150	154	
36	Shale	154	190	
16	Lime	190	206	
6	Shale	206	212	
33	Lime	212	245	
7	Black Shale	245	252	
24	Lime	252	276	
5	Coal	276	281	
12	Lime	281	293	
165	Shale	293	458	
18	Lime	458	476	
8	Shale	476	484	
12	Sand	484	496	
20	Shale	496	516	
3	Coal	516	519	
5	Shale	519	524	
6	Lime	524	530	
12	Shale	530	542	
2	Lime	542	544	
20	Black Shale	544	564	
15	Lime	564	577	
15	Shale	577	592	
3	Lime	592	595	
3	Coal	595	598	
2	Lime	598	600	
3	Lime Oil	600	603	Good
3	Lime	603	606	

2	Shale	606	608	
2	Coal	608	610	
14	Sand	610	624	
21	Shale	624	645	
29	Black Shale	645	674	
2	Oil Sand	674	676	Good
2	Oil Sand	676	678	Good
2	Oil Sand	678	680	Broken
2	Oil Sand	680	682	OK
3	Sandy	682	685	
23	Shale	685	708	
2	Lime	708	710	
6	Shale	710	716	
8	Sand	716	724	
14	Shale	724	738	
18	Sandy	738	756	
12	Shale	756	768	
10	Sandy	768	778	
3	Oil Sand	778	781	Good
3	Sandy Shale/Oil Sand	781	784	Broken
3	Shale	784	787	
3	Sandy	787	790	Little Oil
3	Oil Sand	790	793	OK
5	Sandy Shale	793	798	
12	Sand	798	810	
30	Shale	810	840	