

### DRILL LOG

Operator License # 33741

API # 15-15-059-26370-00-00

Operator Enerlex Kansas

Lease Name Thoele South

Address 2038 S. Princeton St., Ste B

Well # BSP-TS37

Ottawa, KS 66067

Contractor JTC Oil, Inc.

Spud Date 05/23/13 Cement \_\_\_\_\_

Contractor License 32834  
 T.D. 800 T.D. of Pipe 791

Location \_\_\_\_\_ of \_\_\_\_\_  
 feet from \_\_\_\_\_

Surf. Pipe Size 7" Depth 22' \_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well Production County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	Soil	0	2	6	Red Bed	221	227
4	Clay	2	6	34	Shale	227	261
4	Shale	6	10	15	Lime	261	276
19	Lime	10	29	8	Shale	276	284
35	Shale	29	64	31	Lime	284	315
31	Lime	64	95	11	Black Shale	315	326
74	Shale	95	169	20	Lime	326	346
23	Lime	169	192	5	Coal	346	351
19	Shale	192	211	12	Lime	351	363
7	Lime	211	218	151	Shale	363	514
3	Shale	218	221	4	Lime	514	518

9	Shale	518	527
16	Lime	527	543
10	Shale	543	553
6	Sand	553	559
28	Shale	559	587
3	Coal	587	590
5	Shale	590	595
4	lime	595	599
14	Shale	599	613
2	Lime	613	615
18	Black Shale	615	633
11	Lime	633	644
11	Shale	644	655
2	Lime	655	657
4	Coal	657	661
6	Lime	661	667
2	Lime Oil 667-669	V Good	
2	Lime Oil 669-671	V Good	
2	Lime Oil 671-673	OK	
1	Shale	673	674
5	Coal	674	679
16	Sand	679	695
49	Shale	695	744
1	Oil Sand 744-745	Good	

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2	Oil Sand 745-747	V Good
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2	Oil Sand 747-749	OK
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2	Oil Sand 749-751	D. v.ken
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49	Shale	751 800
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