



DRILL LOG

Operator License # 33741

API # 15-15-059-26371-00-00

Operator Enerjex Kansas

Lease Name Thoele South

Address 2038 S. Princeton St., Ste B

Well # BSP-TS38

Ottawa, KS 66067

Contractor JTC Oil, Inc.

Spud Date 5/24/13 Cement

Contractor License 32834

Location of

T.D. 860' T.D. of Pipe 822

 feet from

Surf. Pipe Size 7" Depth 21'

 feet from

Kind of Well Production

County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	Soil	0	2	15	Lime	266	281
5	Clay	2	7	8	Shale	281	289
26	Lime	7	33	31	Lime	289	320
41	Shale	33	74	11	Black Shale	320	331
24	Lime	74	98	19	Lime	331	350
78	Shale	98	176	5	Coal	350	355
20	Lime	176	196	12	Lime	355	367
24	Shale	196	220	167	Shale	367	534
3	Lime	220	223	17	Lime	534	551
6	Red Bed	223	229	7	Shale	551	558
37	Shale	229	266	9	Sand	558	567

33	Shale	567	600
10	Lime	600	610
9	Shale	610	619
2	Lime	619	621
20	Black Shale	621	641
13	Lime	641	654
9	Shale	654	663
3	Lime	663	666
3	Coal	666	669
4	Lime	669	673
2	Lime Oil	673-675	OK
3	Lime Oil	675-678	OK
2	Lime Oil	678-680	Broken
2	Shale	680	682
5	Coal	682	687
19	Sand	687	706
43	Shale	706	749
2	Oil Sand	749-751	Good
2	Oil Sand	751-753	V-Good
2	Oil Sand	753-755	OK
3	Oil Sand	755-758	Broken
34	Shale	758	792
6	Sand	792	798
2	Shale	798	800

3	Lime	800	803
57	Shale	803	860