

DRILL LOG

Operator License# 33741

API # 15- 059-26364-00-00

Operator Enerjex Kansas

Lease Name Thoele South

Address 2038 S. Princeton St., Ste. B , Ottawa, KS

Well # BSP TS 31

Phone 785-241-2228

Spud Date 5/7/13 Cement 5/14/13

Contractor License # 32834

Contractor JTC Oil, Inc.

T.D 820 TD of Pipe 797

3 sacks cement

Surf. Pipe Size 7" Depth 22'

County Franklin

<u>Thickness</u>	<u>Strata</u>	<u>From</u>	<u>To</u>	<u>Thickness</u>	<u>Strata</u>	<u>From</u>	<u>To</u>
2	soil	0	2	7	lime	212	219
2	lime	2	4	4	shale	219	223
4	clay	4	8	5	red bed	223	228
21	lime	8	29	34	shale	228	262
4	shale	29	33	15	lime	262	277
5	red bed	33	38	9	shale	277	286
26	shale	38	64	30	lime	286	316
34	lime	64	98	9	black shale	316	325
72	shale	98	170	24	lime	325	349
20	lime	170	190	4	coal	349	353
22	shale	190	212	12	lime	353	365
				149	shale	365	514

	2	lime	514	516
	4	red bed	516	520
	13	shale	520	533
	19	lime	533	552
	6	shale	552	558
	3	sand	558	561
Little oil	2	sand	561	564
	3	sand	564	567
	23	shale	567	590
	4	coal	590	594
	2	shale	594	596
	12	lime	596	608
	8	shale	608	616
	3	lime	616	619
	20	black shale	619	639
	12	lime	639	651
	12	shale	651	663
	2	coal	663	665
	6	lime	665	671
	2	lime oil	671	673 ok
	2	lime oil	673-675	good
	3	lime oil	675-678	good

2	lime oil	678-680broken
5	coal	680-685
21	sand	685-706
42	shale	706-748
1	oil sand	748-749 ok
2	oil sand	749-751 good
2	oil sand	751-753 good
2	oil sand	753-755 good
2	oil sand	755-757broken
7	sand	757-764
	Shale	764
