

## DRILL LOG

Operator License# 33741

API # 15-059-26368-00-00

Operator Enerjex Kansas

Lease Name Thoele South

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

Well # BSP TS 35

Phone 785-241-2228

Spud Date 5/14/13 Cement 5/16/13

Contractor License # 32834

Contractor JTC Oil, Inc.

T.D 820 TD of Pipe 796

3 sacks cement

Surf. Pipe Size 7" Depth 20.8ft.

County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	8	lime	218	226
4	clay	2	6	3	cholo	226	229
4	shale	6	10	6	red bed	228	234
21	lime	10	31	21	cholo	234	269
4	shale	34	38	15	lime	268	283
3	red bed	38	41	9	shale	283	292
28	shale	41	69	30	lime	292	322
38	lime	69	105	10	black shale	322	332
69	shale	105	174	24	lime	332	356
20	lime	174	194	4	coal	356	360
22	shale	194	218	12	lime	360	372
				150	shale	372	522

24	lime	522	551
7	shale	551	558
25	sand	558	573
19	shale	573	596
3	coal	596	599
3	shale	599	602
7	lime	602	609
14	shale	609	623
2	lime	623	625
21	black shale	625	646
11	lime	646	657
13	shale	657	670
9	lime	670-679	
2	lime oil	679-681	ok good
2	lime oil	681-683	venor
2	lime oil	683-685	ok
2	lime oil	685-687	ok
2	shale	687-689	
5	coal	689-694	
19	sand	694-713	
37	shale	713-758	
2	oil sand	758-760	good

<b>2</b>	<b>oil sand</b>	<b>758-760good</b>
<b>2</b>	<b>oil sand</b>	<b>760-762 ok</b>
<b>2</b>	<b>oil sand</b>	<b>762-764 broken</b>
<b>2</b>	<b>oil sand</b>	<b>764-766broken</b>
<b>54</b>	<b>shale</b>	<b>766-820</b>