

Operator License # 32834
 Operator JTC Oil, Inc.
 Address 35790 Plum Creek Road
 City Osawatomie, KS 66064
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 680'
 T.D. of pipe 676'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-31186-00-00
 Lease Name Roy Beets
 Well # I-9
 Spud Date 12/9/2015
 Cement Date 12/11/2015
 Location Sec 12 T 18 R 21
 330 feet from N line
 330 feet from W line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
8	clay	2	10	
20	lime	10	30	
87	shale	30	117	
18	lime	117	135	
12	shale	135	147	
3	lime	147	150	
6	shale	150	156	
9	lime	156	165	
42	shale	165	207	
15	lime	207	222	
10	shale	222	232	
29	lime	232	261	
7	coal	261	268	
20	lime	268	288	
5	coal	288	293	
12	lime	293	305	
137	shale	305	442	
16	lime/shale	442	458	
10	shale	458	468	
12	lime	468	480	
46	shale	480	526	
8	lime	526	534	
11	shale	534	545	
2	lime	545	547	
17	black shale	547	564	
12	lime	564	576	
14	shale	576	590	
2	lime	590	592	
4	shale	592	596	
6	lime	596	602	
3	shale	602	605	
2	oil sand	605	607	ok
2	oil sand	607	609	ok

2	oil sand	609	611	good
2	oil sand	611	613	v-good
2	oil sand	613	615	good
2	oil sand	615	617	good
2	sand/shale	617	619	broken
3	sand/shale	619	622	broken
2	oil sand	622	624	good
56	shale	624	680	