

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 657'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-30979-00-00
 Lease Name Roy Beets
 Well # I-5
 Spud Date 4/3/2015
 Cement Date 4/10/2015
 Location Sec 12 T 18 S R 21 E
 644 feet from N line
 1915 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
6	clay	2	8	
15	lime	8	23	
94	shale	23	117	
18	lime	117	135	
17	shale	135	152	
9	lime	152	161	
42	shale	161	203	
15	lime	203	218	
10	shale	218	228	
28	lime	228	256	
9	coal	256	265	
22	lime	265	287	
5	coal	287	292	
11	lime	292	303	
138	shale	303	441	
16	lime shale	441	457	
11	shale	457	468	
10	lime	468	478	
5	shale	478	483	
7	lime	483	490	
42	shale	490	532	
3	lime	532	535	
8	black shale	535	543	
2	lime	543	545	
17	black shale	545	562	
13	lime	562	575	
15	shale	575	590	
2	lime	590	592	
5	coal	592	597	
6	lime	597	603	
6	shale	603	609	
2	oil sand	609	611	ok
3	oil sand	611	614	v-good

3	oil sand	614	617	v-good
2	oil sand	617	619	v-good
3	oil sand	619	622	v-good
3	oil sand	622	625	good
2	oil sand	625	627	ok
2	oil sand	627	629	v-good
51	shale	629	680	