

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. 700'  
 T.D. of pipe 691'  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-31120-00-00  
 Lease Name Roy Beets  
 Well # I-8  
 Spud Date 10/15/2015  
 Cement Date 10/20/2015  
 Location Sec 12 T 18 R 21 E  
 314 feet from N line  
 2245 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
8	clay	2	10	
16	shale	10	26	
20	lime	26	46	
95	shale	46	141	
20	lime	141	161	
18	shale	161	179	
7	lime	179	186	
42	shale	186	228	
14	lime	228	242	
11	shale	242	253	
28	lime	253	281	
8	coal	281	289	
22	lime	289	311	
5	coal	311	316	
12	lime	316	328	
136	shale	328	464	
13	lime/shale	464	477	
16	shale	477	493	
15	lime	493	508	
44	shale	508	552	
10	lime	552	562	
10	shale	562	572	
2	lime	572	574	
16	black shale	574	590	
9	lime	590	599	
19	shale	599	618	
2	lime	618	620	
6	coal	620	626	
5	lime	626	631	
6	shale	631	637	
2	oil sand	637	639	good
3	oil sand	639	642	v-good
3	oil sand	642	645	v-good

2	oil sand	645	647	v-good
1	oil sand	647	648	ok
3	sand/shale	648	651	ok
2	sand/shale	651	653	ok
1	sand/shale	653	654	ok
46	shale	654	700	