

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 686'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-30954-00-00
 Lease Name Roy Beets
 Well # I-4
 Spud Date 3/30/2015
 Cement Date 4/2/2015
 Location Sec 1 T 18 R 21 E
 644 feet from N line
 1585 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
5	clay	2	7	
12	shale	7	19	
21	lime	19	40	
92	shale	40	132	
19	lime	132	151	
19	shale	151	170	
6	lime	170	176	
43	shale	176	219	
15	lime	219	234	
10	shale	234	244	
29	lime	244	273	
8	coal	273	281	
23	lime	281	304	
5	coal	304	309	
11	lime	309	320	
136	shale	320	456	
21	lime shale	456	477	
8	shale	477	485	
10	lime	485	495	
46	shale	495	541	
12	lime	541	553	
6	shale	553	559	
2	lime	559	561	
18	black shale	561	579	
9	lime	579	588	
18	shale	588	606	
2	lime	606	608	
5	coal	608	613	
6	lime	613	619	
7	shale	619	626	
3	oil sand	626	629	v-good
3	oil sand	629	632	v-good
3	oil sand	632	635	v-good

2	oil sand	635	637	good
2	oil sand	637	639	good
3	mix sand/shale	639	642	ok
2	mix sand/shale	642	644	ok
2	mix sand/shale	644	646	broke
54	shale	646	700	