

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. 620'
 T.D. of pipe 608'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-30967-00-00
 Lease Name Renner
 Well # W-10
 Spud Date 3/25/2015
 Cement Date 3/27/2015
 Location Sec 16 T 17 R 22 E
 495 feet from S line
 825 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
28	clay	2	30	
35	shale	30	65	
20	lime	65	85	
30	shale	85	115	
8	lime	115	123	
29	shale	123	152	
17	lime	152	169	
8	shale	169	177	
26	lime	177	203	
27	coal	203	230	
22	lime	230	252	
5	coal	252	257	
11	lime	257	268	
123	shale	268	391	
7	lime shale	391	398	
4	oil sand	398	402	good
4	oil sand	402	406	v-good
4	oil sand	406	410	v-good
3	oil sand	410	413	good
2	shale	413	415	
8	lime	415	423	
52	shale	423	475	
6	lime	475	481	
14	shale	481	495	
3	lime	495	498	
15	black shale	498	513	
5	lime	513	518	
16	shale	518	534	
3	lime	534	537	
6	coal	537	543	
4	lime	543	547	
7	shale	547	554	
4	oil sand	554	558	v-good

3	oil sand	558	561	v-good
3	oil sand	561	564	v-good
2	sand/shale	564	566	broke
54	shale	566	620	