

Operator License # 32834  
 Operator JTC Oil, Inc.  
 Address PO Box 24386  
 City Stanley, KS 66283  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 620  
 T.D. of pipe 598  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-29777-00-00  
 Lease Name Wilson A  
 Well # I-12  
 Spud Date 4/21/2014  
 Cement Date 5/6/2014  
 Location Sec 4 T 18 R 22  
 2310 feet from N line  
 990 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
20	clay	2	22	
12	lime	22	34	
11	shale	34	45	
27	lime	45	72	
8	black shale	72	80	
20	lime	80	100	
4	coal	100	104	
13	lime	104	117	
168	shale	117	285	
11	lime	285	296	
52	shale	296	348	
7	lime	348	355	
13	shale	355	368	
3	lime	368	371	
18	black shale	371	389	
7	lime	389	396	
19	shale	396	415	
3	lime	415	418	
9	black shale	418	427	
6	lime	427	433	
45	shale	433	478	
24	black shale	478	502	
5	sandy	502	507	
28	shale	507	535	
2	lime	535	537	
10	shale	537	547	
3	oil sand	547	550	good
4	oil sand	550	554	v-good
4	oil sand	554	558	v-good
4	oil sand	558	562	v-good
3	oil sand	562	565	v-good
43	black shale	565	608	
12	shale	608	620	