

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. 360'  
 T.D. of pipe 351'  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-30616-00-00  
 Lease Name Terbrock  
 Well # I-7  
 Spud Date 9/2/2014  
 Cement Date 9/18/2014  
 Location Sec 27 T 17 R 22  
 1980 feet from S line  
 660 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
5	clay	2	7	
14	shale	7	21	
3	lime	21	24	
32	shale	24	56	
13	lime	56	69	
10	shale	69	79	
26	lime	79	105	
7	coal	105	112	
23	lime	112	135	
4	coal	135	139	
14	lime	139	153	
135	shale	153	288	
3	red bed	288	291	
4	shale	291	295	
3	oil sand	295	298	broken
3	lime	298	301	
6	shale	301	307	
2	oil sand	307	309	good
3	oil sand	309	312	v-good
3	oil sand	312	315	v-good
3	oil sand	315	318	v-good
3	lime	318	321	
3	shale	321	324	
7	lime	324	331	
29	shale	331	360	