

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 Production

API # 15-121-30614-00-00
 Lease Name Terbrock
 Well # P-12
 Spud Date 8/30/2014
 Cement Date 9/17/2014
 Location Sec 27 T 17 R 22
 1815 feet from S line
 825 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
8	clay	2	10	
3	lime	10	13	
32	shale	13	45	
14	lime	45	59	
10	shale	59	69	
26	lime	69	95	
7	coal	95	102	
22	lime	102	124	
5	coal	124	129	
13	lime	129	142	
135	shale	142	277	
4	red bed	277	281	
17	shale	281	298	
2	oil sand	298	300	ok
2	oil sand	300	302	good
2	oil sand	302	304	v-good
2	oil sand	304	306	good
2	oil sand	306	308	good
2	lime	308	310	
4	shale	310	314	
7	lime	314	321	
39	shale	321	360	