

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. 400'
 T.D. of pipe 380'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30611-00-00
 Lease Name Terbrock
 Well # P-3

Spud Date 8/28/2014

Cement Date 9/16/2014

Location Sec 27 T 17 R 22
 2475 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	
5	lime	10	15	
23	shale	15	38	
4	lime	38	42	
27	shale	42	69	
17	lime	69	86	
10	shale	86	96	
27	lime	96	123	
7	coal	123	130	
22	lime	130	152	
4	coal	152	156	
12	lime	156	168	
141	shale	168	309	
4	red bed	309	313	
2	shale	313	315	
3	oil sand	315	318	ok
3	oil sand	318	321	good
3	oil sand	321	324	good
4	shale	324	328	
2	oil sand	328	330	ok
3	oil sand	330	333	v-good
3	oil sand	333	336	v-good
2	oil sand	336	338	v-good
3	oil sand	338	341	v-good
2	shale	341	343	
7	lime	343	350	
50	shale	350	400	