

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. 380'
 T.D. of pipe 357'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30619-00-00
 Lease Name Terbrock
 Well # P-4
 Spud Date 9/6/2014
 Cement Date 9/17/2014
 Location Sec 27
 2475 feet from
 1155 feet from
 County Miami

T 17 R 22
 S line
 E line

Driller's Log

Thickness	Strata	From	To	
2	top soil	0	2	
5	clay	2	7	
2	lime	7	9	
21	shale	9	30	
4	lime	30	34	
29	shale	34	63	
17	lime	63	80	
10	shale	80	90	
26	lime	90	116	
7	coal	116	123	
21	lime	123	144	
4	coal	144	148	
15	lime	148	163	
135	shale	163	298	
4	red bed	298	302	
7	shale	302	309	
3	oil sand	309	312	ok
6	shale	312	318	
3	oil sand	318	321	ok
3	oil sand	321	324	v-good
3	oil sand	324	327	v-good
3	oil sand	327	330	v-good
2	lime	330	332	
3	shale	332	335	
7	lime	335	342	
38	shale	342	380	