

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 356'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30634-00-00
 Lease Name Terbrock
 Well # P-13
 Spud Date 9/10/2014
 Cement Date 9/17/2014
 Location Sec 27 T 17 R 22
 1815 feet from S line
 1155 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
8	clay	2	10	
2	lime	10	12	
31	shale	12	43	
13	lime	43	56	
11	shale	56	67	
26	lime	67	93	
9	coal	93	102	
20	lime	102	122	
4	coal	122	126	
13	lime	126	139	
135	shale	139	274	
4	red bed	274	278	
20	shale	278	298	
2	oil sand	298	300	ok
2	oil sand	300	302	v-good
2	oil sand	302	304	v-good
2	oil sand	304	306	v-good
1	oil sand	306	307	good
3	shale	307	310	
7	lime	310	317	
43	shale	317	360	