

## DRILL LOG

Operator License# 32834

API # 15-121-31466-00-00

Operator \_\_\_\_\_ JTC Oil, Inc.

Lease Wingert

Address 35790 Plum Creek Rd. Osaw. KS

Well # P-10

Contractor JTC Oil, Inc.

Spud Date 5/1/18 Cement 5/7/18

Contractor License 32834

Location \_\_\_\_\_ of \_\_\_\_\_

T.D. 720 T.D. of Pipe 715

\_\_\_\_\_ feet from \_\_\_\_\_

Surf. Pipe Size 7" Depth ft. 20 ft.  
w/ 3sx cement

\_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well Production

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	15	lime	259	274
4	clay	2	6	13	shale	274	287
8	shale	6	14	26	lime	287	313
19	lime	14	33	10	coal	313	323
21	shale	33	54	19	lime	323	342
16	lime	54	70	5	coal	342	347
100	shale	70	170	14	lime	347	361
17	lime	170	187	34	shale	361	395
30	shale	187	217	8	oil sand	395	403
4	lime	217	221	4	oil sand	403	407
38	shale	221	259	90	shale	407	497

<u>26</u>	lime shale	497	523	
<u>14</u>	lime	523	537	
<u>42</u>	shale	537	579	
<u>3</u>	coal	579	582	
<u>4</u>	lime	582	586	
<u>17</u>	shale	586	603	
<u>3</u>	lime	603	606	
<u>14</u>	black shale	606	620	
<u>5</u>	lime	620	625	
<u>17</u>	shale	625	642	
<u>3</u>	lime	642	645	
<u>25</u>	shale	645	670	
<u>2</u>	oil sand	670	672	good
<u>3</u>	oil sand	672	675	good
<u>3</u>	oil sand	675	678	ok
<u>42</u>	shale	<b>720</b>		