

## DRILL LOG

Operator License# 32834

API # 15-121-31512-00-00

Operator \_\_\_\_\_JTC Oil, Inc.

Lease Wingert

Address 35790 Plum Creek Rd. Osaw. KS

Well # P-11

Contractor JTC Oil, Inc.

Spud Date 9/14/18 Cement 9/20/18

Contractor License 32834

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

T.D. 740 T.D. of Pipe 730

\_\_\_\_\_ 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
3	soil	0	3	14	lime	262	276
3	lime	3	6	14	shale	276	290
10	shale	6	16	26	lime	290	316
20	lime	16	36	9	coal	316	325
23	shale	36	59	20	lime	325	345
16	lime	59	75	5	coal	345	350
98	shale	75	173	13	lime	350	363
18	lime	173	191	136	shale	363	499
30	shale	191	221	28	lime/shale	499	527
4	lime	221	225	13	lime	527	540
37	shale	225	262	47	shale	540	587

<u>7</u>	lime	587	594
<u>34</u>	shale	594	628
<u>8</u>	lime	628	635
<u>13</u>	shale	635	648
<u>2</u>	lime	648	650
<u>19</u>	shale	650	669
<u>2</u>	oil sand	669	671 ok
<u>3</u>	oil sand	671	674 good
<u>3</u>	oil sand	674	677 good
<u>2</u>	oil sand	677	679 broke
<u>61</u>	shale	679	740