

DRILL LOG

Operator License# 32834

API # 15-121-31465-00-00

Operator _____ JTC Oil, Inc.

Lease Wingert

Address 35790 Plum Creek Rd. Osaw. KS

Well # P-9

Contractor JTC Oil, Inc.

Spud Date 5/1/18 Cement 5/2/18

Contractor License 32834

Location _____ of _____

T.D. 720 T.D. of Pipe 700

_____ 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	38	shale	206	244
1	clay	3	4	14	lime	244	258
17	lime	4	21	12	shale	258	270
4	shale	21	25	27	lime	270	297
28	lime	25	58	8	coal	297	305
95	shale	58	153	21	lime	305	326
17	lime	153	170	4	coal	326	330
20	shale	170	190	14	lime	330	344
2	lime	190	192	149	shale	344	493
11	shale	192	203	32	lime/shale	493	525
3	lime	203	206	18	lime	525	543

40 shale 563 583

5 coal 583 588

5 lime 588 592

16 black shale 592 608

7 lime 608 615

35 shale 615 650

3 oil sand 650 653 oil

3 oil sand 653 656 good

3 oil sand 656 659 v good

3 oil sand 659 662 v good

2 oil sand 662 664 ok

56 shale 664 720