

DRILL LOG

Operator License# 32834

API # 15-121-31519-00-00

Operator _____ JTC Oil, Inc.

Lease Wingert

Address 35790 Plum Creek Rd. Osaw. KS

Well # I-5

Contractor JTC Oil, Inc.

Spud Date 9/25/18 Cement 9/28/18

Contractor License 32834

Location _____ of _____

T.D. 720 T.D. of Pipe 712

_____ feet from _____

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

Kind of Well Injection

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
3	soil	0	3	28	lime	273	301
19	lime	3	22	7	coal	301	308
20	shale	22	42	20	lime	308	328
15	lime	42	57	5	coal	328	333
99	shale	57	156	13	lime	333	346
17	lime	156	173	140	shale	346	486
32	shale	173	205	19	lime/shale	486	505
3	lime	205	208	17	lime	505	522
40	shale	208	248	46	shale	522	568
14	lime	248	262	3	lime	568	571
11	shale	262	273	18	shale	571	589

3	lime	589	592
15	black shale	592	607
4	lime	607	611
18	shale	611	629
2	lime	629	631
24	shale	631	655
2	oil sand	655	657 ok
2	oil sand	657	659 good
3	oil sand	659	662 good
3	oil sand	662	665 v good
1	oil sand	665	666 good
54	shale	666	720

I-5