

DRILL LOG

Operator License# 32834

API 15-121031596-00-00

Operator JTC Oil, Inc.

Lease Name Shipley

Address 35790 Plum Creek Rd. Osaw. KS

Well # I- 1

Phone 913-755-2959

Spud Date 7/23/19 Completed 7/25/19

Contractor License 32834

Location _____ of _____

T.D. 540 T.D. of Pipe 494

_____ feet from _____

Surf. Pipe Size 7 3/8 _ Depth 20 ft.
w/3sx cement

_____ feet from _____

Kind of Well Injection

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
2	oil	0	2	135	shale	135	288
14	clay	2	16	27	lime/shale	288	315
36	shale	16	52	15	coal	315	141
15	lime	52	67	12	lime	141	153
10	shale	67	76	135	shale	153	288
30	lime	76	106	27	lime/shale	228	315

Shiplay I-1
2

<u>9</u>	coal	106	115	15	lime	315	330
<u>21</u>	lime	115	136	40	shale	330	370
<u>5</u>	coal	136	141	7	coal	370	377
<u>12</u>	lime	141	153	7	lime	377	384

Shipley I-1
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Thickness	Strata	From	To
<u>12</u>	shale	384	396
<u>3</u>	lime	396	399
<u>16</u>	black shale	399	415
<u>15</u>	lime	415	430
<u>10</u>	shale	430	440
<u>6</u>	lime	440	446
<u>3</u>	coal	446	449
<u>5</u>	lime	449	454
<u>4</u>	shale	454	458
<u>2</u>	oil sand	458	460 good
<u>3</u>	oil sand	460	463 good
<u>3</u>	oil sand	463	466 good
<u>1</u>	oil sand	466	467 ok
<u>36</u>	shale	467	503
<u>25</u>	black shale	503	528
<u>6</u>	sandy	528	534
<u>6</u>	shale	534	540