

Operator License # 32834
 Operator JTC Oil, Inc.
 Address 35790 Plum Creek Road
 City Osawatomie, KS 66064
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 640'
 T.D. of pipe 410'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30963-00-00
 Lease Name D. Pettit
 Well # P-58
 Spud Date 3/10/2015
 Cement Date 4/1/2015
 Location Sec 23 T 18 S R 22 E
 2475 feet from N line
 495 feet from W line
 County Miami

Driller's Log

Thickness	Strata	From	To
2	soil	0	2
9	lime	2	11
26	shale	11	37
4	lime	37	41
42	shale	41	83
12	lime	83	95
9	shale	95	104
29	lime	104	133
6	coal	133	139
24	lime	139	163
4	coal	163	167
15	lime	167	182
139	shale	182	321
2	oil sand	321	323
2	oil sand	323	325
2	oil sand	325	327
2	oil sand	327	329
2	lime oil	329	331
4	oil sand	331	335
2	oil sand	335	337
10	shale	337	347
17	lime	347	364
45	shale	364	409
9	lime	409	418
10	shale	418	428
3	lime	428	431
12	black shale	431	443
3	lime	443	446
6	shale	446	452
12	lime	452	464
13	shale	464	477
2	lime	477	479
8	coal	479	487
31	shale	487	518

ok
 ok
 good
 v-good
 good
 v-good
 v-good

25	black shale	518	543
5	sandy	543	548
30	black shale	548	578
13	shale	578	591
3	coal	591	594
4	shale	594	598
10	sandy	598	608
32	black shale	608	640