

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. 740'
 T.D. of pipe 694'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-059-26906-00-00
 Lease Name Chase
 Well # P-11
 Spud Date 2/2/2015
 Cement Date 2/19/2015
 Location Sec 33 T 17 S R 21 E
 165 feet from N line
 1815 feet from W line
 County Franklin

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
12	clay	2	14	
44	shale	14	58	
18	lime	58	76	
27	shale	76	103	
6	lime	103	109	
37	shale	109	146	
17	lime	146	163	
9	shale	163	172	
29	lime	172	201	
8	coal	201	209	
21	lime	209	230	
4	coal	230	234	
11	lime	234	245	
145	shale	245	390	
21	lime	390	411	
50	shale	411	461	
3	lime	461	464	
10	shale	464	474	
3	lime	474	477	
12	black shale	477	489	
2	lime	489	491	
17	shale	491	508	
2	lime oil	508	510	good
2	lime oil	510	512	ok
2	lime oil	512	514	good
1	lime oil	514	515	ok
25	shale	515	540	
45	black shale	540	585	
5	sandy	585	590	
44	shale	590	634	
2	oil sand	634	636	good
2	oil sand	636	638	good
2	oil sand/shale	638	640	ok

1	sandy shale	640	641	broken
39	black shale	641	680	
60	shale	680	740	