

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. 720'  
 T.D. of pipe 693'  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-059-26926-00-00  
 Lease Name Chase  
 Well # P-10  
 Spud Date 2/23/2015  
 Cement Date 2/25/2015  
 Location Sec 33 T 17 S R 21 E  
 165 feet from N line  
 1485 feet from W line  
 County Franklin

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
13	clay	2	15	
54	shale	15	69	
18	lime	69	87	
27	shale	87	114	
6	lime	114	120	
36	shale	120	156	
17	lime	156	173	
9	shale	173	182	
29	lime	182	211	
7	coal	211	218	
21	lime	218	239	
5	coal	239	244	
11	lime	244	255	
154	shale	255	409	
12	lime	409	421	
50	shale	421	471	
4	lime	471	475	
10	shale	475	485	
3	lime	485	488	
12	black shale	488	500	
2	lime	500	502	
13	shale	502	515	
1	lime	515	516	
1	coal	516	517	
1	lime oil	517	518	good
3	lime oil	518	521	good
3	lime oil	521	524	v-good
2	lime oil	524	526	v-good
27	shale	526	553	
43	black shale	553	596	
2	sandy	596	598	
3	sandy	598	601	
44	shale	601	645	

3	oil sand	645	648	oil
3	oil sand	648	651	good
36	black shale	651	687	
33	shale	687	720	