

Operator License # 31295
 Operator Prairie Oil, LLC
 Address 7553 W. 295th Street
 City Louisburg, KS 66053
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 620'
 T.D. of pipe 596'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30730-00-00
 Lease Name LW
 Well # P-21
 Spud Date 10/25/2014
 Cement Date 11/3/2014
 Location Sec 4 T 18 R 22
 1815 feet from N line
 2475 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
26	clay	2	28	
15	lime	28	43	
10	shale	43	53	
28	lime	53	81	
6	coal	81	87	
23	lime	87	110	
5	coal	110	115	
13	lime	115	128	
165	shale	128	293	
15	lime	293	308	
46	shale	308	354	
7	lime	354	361	
12	shale	361	373	
3	lime	373	376	
17	black shale	376	393	
7	lime	393	400	
21	shale	400	421	
4	lime	421	425	
5	coal	425	430	
6	lime	430	436	
8	shale	436	444	
10	sand	444	454	
27	shale	454	481	
27	black shale	481	508	
4	sandy	508	512	
38	shale	512	550	
2	oil sand	550	552	good
3	oil sand	552	555	good
3	oil sand	555	558	v-good
3	oil sand	558	561	v-good
2	oil sand/shale	561	563	good
37	black shale	563	600	
20	shale	600	620	