

Operator License # 31295  
 Operator Prairie Oil, LLC  
 Address 108 Broadmoor Drive  
 City Louisburg, KS 66053  
 Contractor Prairie Oil, LLC  
 Contractor License # 31295  
 T.D. 620  
 T.D. of pipe 600  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-121-29838-00-00  
 Lease Name LW  
 Well # P-8  
 Spud Date 4/9/2014  
 Cement Date 4/21/2014  
 Location Sec 4 T 18 R 22  
 1155 feet from N line  
 2145 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
29	clay	2	31	
14	lime	31	45	
11	shale	45	56	
28	lime	56	84	
7	black shale	84	91	
22	lime	91	113	
5	coal	113	118	
12	lime	118	130	
165	shale	130	295	
10	lime	295	305	
52	shale	305	357	
7	lime	357	364	
12	shale	364	376	
3	lime	376	379	
20	black shale	379	399	
8	lime	399	407	
20	shale	407	427	
2	lime	427	429	
10	black shale	429	439	
5	lime	439	444	
42	shale	444	486	
1	lime	486	487	
26	black shale	487	513	
4	sandy	513	517	
28	shale	517	545	
2	lime	545	547	
11	shale	547	558	
4	oil sand	558	562	good
4	oil sand	562	566	v-good
4	oil sand	566	570	v-good
4	oil sand	570	574	v-good
36	black shale	574	610	
10	shale	610	620	