

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 599
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30183-00-00
 Lease Name LW
 Well # P-20
 Spud Date 4/17/2014
 Cement Date 4/21/2014
 Location Sec 4 T 18 R 22
 1485 feet from N line
 1485 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
20	clay	2	22	
13	lime	22	35	
11	shale	35	46	
28	lime	46	74	
7	black shale	74	81	
23	lime	81	104	
4	coal	104	108	
13	lime	108	121	
168	shale	121	289	
9	lime	289	298	
53	shale	298	351	
7	lime	351	358	
12	shale	358	370	
3	lime	370	373	
15	black shale	373	388	
8	lime	388	396	
20	shale	396	416	
2	lime	416	418	
9	black shale	418	427	
5	lime	427	432	
46	shale	432	478	
28	black shale	478	506	
4	sandy	506	510	
20	shale	510	530	
1	lime	530	531	
19	shale	531	550	
4	oil sand	550	554	good
4	oil sand	554	558	v-good
4	oil sand	558	562	v-good
4	oil sand	562	566	v-good
44	black shale	566	610	
10	shale	610	620	