

Operator License # 31295
 Operator Prairie Oil, LLC
 Address 108 Broadmoor Drive
 City Louisburg, KS 66053
 Contractor Prairie Oil, LLC
 Contractor License # 31295
 T.D. 640
 T.D. of pipe 631
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-30164-00-00
 Lease Name LW
 Well # I-4
 Spud Date 4/18/2014
 Cement Date 4/23/2014
 Location Sec 4 T 18 R 22
 660 feet from N line
 1980 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
6	clay	2	8	
4	lime	8	12	
39	shale	12	51	
14	lime	51	65	
11	shale	65	76	
27	lime	76	103	
7	black shale	103	110	
22	lime	110	132	
5	coal	132	137	
12	lime	137	149	
164	shale	149	313	
9	lime	313	322	
53	shale	322	375	
8	lime	375	383	
13	shale	383	396	
2	lime	396	398	
20	black shale	398	418	
7	lime	418	425	
20	shale	425	445	
3	lime	445	448	
8	black shale	448	456	
8	lime	456	464	
42	shale	464	506	
26	black shale	506	532	
4	sandy	532	536	
26	shale	536	562	
1	lime	562	563	
13	shale	563	576	
2	oil sand	576	578	ok
4	oil sand	578	582	good
4	oil sand	582	586	v-good
4	oil sand	586	590	v-good
3	oil sand	590	593	v-good