

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 700'  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-30431-00-00  
 Lease Name Cooper  
 Well # I-2  
 Spud Date 10/17/2014  
 Cement Date 11/3/2014  
 Location Sec 9 T 17 R 22  
 330 feet from S line  
 660 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
2	lime	2	4	
3	clay	4	7	
91	shale	7	98	
16	lime	98	114	
29	shale	114	143	
9	lime	143	152	
46	shale	152	198	
13	lime	198	211	
10	shale	211	221	
26	lime	221	247	
9	coal	247	256	
22	lime	256	278	
4	coal	278	282	
13	lime	282	295	
141	shale	295	436	
3	lime	436	439	
13	sand	439	452	
4	lime	452	456	
5	shale	456	461	
11	lime	461	472	
50	shale	472	522	
8	lime	522	530	
19	shale	530	549	
2	lime	549	551	
15	black shale	551	566	
3	lime	566	569	
21	shale	569	590	
3	lime	590	593	
21	shale	593	614	
4	oil sand/shale	614	618	ok
4	oil sand	618	622	good
4	shale/sand	622	626	broke
4	shale/sand	626	630	broke

4	shale/sand	630	634	ok
4	oil sand	634	638	ok
4	oil sand	638	642	good
4	oil sand	642	646	good
4	oil sand	646	650	good
4	oil sand	650	654	good
4	oil sand	654	658	good
4	oil sand	658	662	v-good
58	shale	662	720	