

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. 740'  
 T.D. of pipe 722'  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-059-26877-00-00  
 Lease Name Chase  
 Well # I-2  
 Spud Date 1/22/2015  
 Cement Date 1/29/2015  
 Location Sec 33 T 17 R 21  
 330 feet from N line  
 660 feet from W line  
 County Franklin

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
10	lime	4	14	
95	shale	14	109	
21	lime	109	130	
23	shale	130	153	
5	lime	153	158	
35	shale	158	193	
17	lime	193	210	
11	shale	210	221	
28	lime	221	249	
8	coal	249	257	
21	lime	257	278	
4	coal	278	282	
11	lime	282	293	
137	shale	293	430	
4	red bed	430	434	
14	shale	434	448	
10	lime	448	458	
52	shale	458	510	
4	lime	510	514	
10	shale	514	524	
2	lime	524	526	
12	black shale	526	538	
17	shale	538	555	
3	lime oil	555	558	ok
3	lime oil	558	561	good
2	lime oil	561	563	broken
4	shale	563	567	
2	sand	567	569	
26	shale	569	595	
40	black shale	595	635	
2	oil sand	635	637	
1	oil sand	637	638	
3	oil sand	638	641	

26	shale	641	667
1	lime	667	668
14	shale	668	682
2	oil sand	682	684
2	oil sand	684	686
2	oil sand	686	688
2	mix shale/sand	688	690
2	sandy shale	690	692
48	black shale	692	740