

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 726'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-059-26880-00-00
 Lease Name Chase
 Well # I-8
 Spud Date 1/28/2015
 Cement Date 2/3/2015
 Location Sec 33 T 17 R 21
 660 feet from N line
 330 feet from W line
 County Franklin

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
2	clay	2	4	
13	lime	4	17	
93	shale	17	110	
18	lime	110	128	
25	shale	128	153	
5	lime	153	158	
37	shale	158	195	
17	lime	195	212	
10	shale	212	222	
28	lime	222	250	
8	coal	250	258	
22	lime	258	280	
4	coal	280	284	
11	lime	284	295	
135	shale	295	430	
4	red bed	430	434	
16	shale	434	450	
11	lime	450	461	
45	shale	461	506	
6	coal	506	512	
6	lime	512	518	
9	shale	518	527	
2	lime	527	529	
11	black shale	529	540	
3	lime	540	543	
15	shale	543	558	
3	lime oil	558	561	good
2	lime oil	561	563	ok
30	shale	563	593	
45	black shale	593	638	
3	oil sand	638	641	ok
3	oil sand	641	644	ok
35	shale	644	679	

2	oil sand	679	681	broke
2	oil sand	681	683	ok
2	shale	683	685	
2	oil sand	685	687	good
2	oil sand	687	689	good
2	oil sand	689	691	good
2	sandy shale	691	693	ok
2	oil sand	693	695	good
45	black shale	695	740	