

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. 540'
 T.D. of pipe 524'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-31080-00-00
 Lease Name Hahn
 Well # BSI-HN7
 Spud Date 8/12/2015
 Cement Date 8/21/2015
 Location Sec 23 T 18 R 21
 1727 feet from N line
 2717 feet from W line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
14	clay	2	16	
9	shale	16	25	
6	lime	25	31	
43	shale	31	74	
14	lime	74	88	
10	shale	88	98	
28	lime	98	126	
8	coal	126	134	
21	lime	134	155	
5	coal	155	160	
10	lime	160	170	
144	shale	170	314	
16	lime shale	314	330	
9	shale	330	339	
14	lime	339	353	
65	shale	353	418	
2	lime	418	420	
14	black shale	420	434	
16	lime	434	450	
11	shale	450	461	
1	lime	461	462	
3	coal	462	465	
5	lime	465	470	
5	shale	470	475	
2	oil sand	475	477	ok
2	oil sand	477	479	good
2	oil sand	479	481	good
2	oil sand	481	483	good
2	oil sand	483	485	ok
2	sand/shale	485	487	broke
11	shale	487	498	
42	black shale	498	540	