

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. 560'
 T.D. of pipe 533'
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-30466-00-00
 Lease Name Hahn
 Well # BSP-HN9
 Spud Date 11/25/2014
 Cement Date 12/2/2014
 Location Sec 2 T 18 R 21
 1815 feet from N line
 2145 feet from W line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
19	clay	2	21	
4	lime	21	25	
46	shale	25	71	
15	lime	71	86	
10	shale	86	96	
28	lime	96	124	
9	coal	124	133	
20	lime	133	153	
5	coal	153	158	
21	lime	158	179	
157	shale	179	336	
12	lime	336	348	
3	shale	348	351	
3	sand/shale	351	354	little oil
3	sand	354	357	little oil
41	shale	357	398	
11	lime	398	409	
9	shale	409	418	
3	lime	418	421	
14	black shale	421	435	
13	lime	435	448	
14	shale	448	462	
2	lime	462	464	
3	coal	464	467	
5	lime	467	472	
5	shale	472	477	
1	oil sand	477	478	ok
3	oil sand	478	481	good
3	oil sand	481	484	v-good
3	oil sand	484	487	good
2	sand/shale	487	489	ok
29	shale	489	518	
23	black shale	518	541	

2	sandy	541	543	no oil
2	sandy	543	545	
15	shale	545	560	