

Operator License # 35069  
 Operator Kansas City Oil, LLC  
 Address 9525 Lime Stone Road  
 City Parkville, MO 64152  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 680  
 T.D. of pipe 0  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-059-26683-00-00  
 Lease Name Carman  
 Well # 3  
 Spud Date 5/14/2014  
 Cement Date  
 Location Sec 17 T 16 R 21  
 1485 feet from S line  
 2145 feet from E line  
 County Franklin

Driller's Log

Thickness	Strata	From	To	
9	dirt	0	9	
14	lime	9	23	
6	shale	23	29	
11	lime	29	40	
4	shale	40	44	
19	lime	44	63	
35	shale	63	98	
23	lime	98	121	
73	shale	121	194	
21	lime	194	215	
26	shale	215	241	
7	lime	241	248	
17	shale	248	265	
1	shale	265	266	tiny oil
9	shale	266	275	
5	lime	275	280	
8	shale	280	288	
2	lime	288	290	
15	shale	290	305	
20	lime	305	325	
9	shale	325	334	
23	lime	334	357	little oil
4	black shale	357	361	
11	lime	361	372	
48	shale	372	420	
15	sandy shale	420	435	
48	shale	435	483	
6	sand mix	483	489	tiny oil
34	shale	489	523	
11	lime	523	534	
12	shale	534	546	
6	sand	546	552	ok
25	shale	552	577	
10	mix	577	587	

10	shale	587	597	
5	lime	597	602	
40	shale	602	642	
1	top	642	643	ok
2	laminated	643	645	
2	laminated	645	647	
2	laminated	647	649	
3	laminated	649	652	
2	laminated	652	654	
2	laminated	654	656	
2	laminated	656	658	
2	laminated	658	660	
2	end	660	662	
18	shale	662	680	