

Operator License # 32834  
 Operator JTC Oil, Inc.  
 Address PO Box 24386  
 City Stanley, KS 66283  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 400  
 T.D. of pipe 380  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-30324-00-00  
 Lease Name Bristow  
 Well # I-22  
 Spud Date 5/30/2014  
 Cement Date 6/3/2014  
 Location Sec 27 T 17 R 22  
 3173 feet from S line  
 2598 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To
11	dirt/clay	0	11
15	lime	11	26
16	shale	26	42
6	lime	42	48
28	shale	48	76
16	lime	76	92
10	shale	92	102
24	lime	102	126
9	shale	126	135
22	lime	135	157
6	black shale	157	163
4	lime	163	167
4	lime/shale mix	167	171
3	lime	171	174
137	shale	174	311
5	red shale	311	316
9	shale mix	316	325
1	top	325	326
2	ok	326	328
2	ok	328	330
2	ok	330	332
2	good	332	334
2	good	334	336
2	good	336	338
2	ok	338	340
2	end	340	342
2	shale	342	344
8	lime	344	352
48	shale	352	400