

Operator License # 32834  
 Operator JTC Oil, Inc.  
 Address PO Box 24386  
 City Stanley, KS 66283  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 380  
 T.D. of pipe 360  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-30392-00-00  
 Lease Name Bristow  
 Well # I-23  
 Spud Date 5/19/2014  
 Cement Date 5/21/2014  
 Location Sec 27 T 17 R 22  
 2045 feet from N line  
 1980 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
5	clay	2	7	
6	lime	7	13	
20	shale	13	33	
4	lime	33	37	
31	shale	37	68	
15	lime	68	83	
10	shale	83	93	
26	lime	93	119	
7	black shale	119	126	
23	lime	126	149	
5	coal	149	154	
13	lime	154	167	
135	shale	167	302	
4	red bed	302	306	
11	shale	306	317	
4	oil sand	317	321	good
4	oil sand	321	325	good
4	oil sand	325	329	v-good
4	oil sand	329	333	v-good
2	oil sand	333	335	v-good
3	shale	335	338	
12	lime	338	350	
30	shale	350	380	