

Operator License # 32834  
 Operator JTC Oil, Inc.  
 Address P. O. Box 24386  
 City Stanley, KS 66283  
 Contractor JTC Oil, Inc.  
 Contractor License # 32834  
 T.D. 400  
 T.D. of pipe 382  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-121-29853-00-00  
 Lease Name Bristow  
 Well # P-24  
 Spud Date 3/19/2014  
 Cement Date 3/28/2014  
 Location Sec 27 T 17 R 22  
 1880 feet from N line  
 2145 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
5	clay	2	7	
10	lime	7	17	
17	shale	17	34	
5	lime	34	39	
28	shale	39	67	
18	lime	67	85	
7	shale	85	92	
28	lime	92	120	
8	black shale	120	128	
24	lime	128	152	
5	coal	152	157	
12	lime	157	169	
138	shale	169	307	
3	red bed	307	310	
8	shale	310	318	
3	oil sand	318	321	ok
3	oil sand	321	324	good
4	oil sand	324	328	v-good
4	oil sand	328	332	v-good
4	oil sand	332	336	v-good
2	oil sand	336	338	v-good
1	shale	338	339	
12	lime	339	351	
49	shale	351	400	