

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 381
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-29852-00-00
 Lease Name Bristow
 Well # P-23
 Spud Date 3/18/2014
 Cement Date 3/24/2014
 Location Sec 27 T 17 R 22
 1880 feet from N line
 2475 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
5	clay	2	7	
9	lime	7	16	
16	shale	16	32	
4	lime	32	36	
29	shale	36	65	
18	lime	65	83	
9	shale	83	92	
26	lime	92	118	
7	black shale	118	125	
26	lime	125	151	
4	coal	151	155	
12	lime	155	167	
136	shale	167	303	
3	red bed	303	306	
8	shale	306	314	
4	oil sand	314	318	good
4	oil sand	318	322	good
4	oil sand	322	326	v-good
3	oil sand	326	329	v-good
3	oil sand	329	332	v-good
2	oil sand	332	334	v-good
1	shale	334	335	
16	lime	335	351	
49	shale	351	400	