

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 373  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Production

API # 15-121-29729-00-00  
 Lease Name Bristow  
 Well # P-13  
 Spud Date 11/8/2013  
 Cement Date 11/15/2013  
 Location Sec 27 T 17 R 22  
 560 feet from N line  
 3135 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	
9	Shale	16	25	
14	Lime	25	39	
31	Shale	39	70	
15	Lime	70	85	
10	Shale	85	95	
26	Lime	95	121	
7	Black Shale	121	128	
22	Lime	128	150	
5	Coal	150	155	
13	Lime	155	168	
136	Shale	168	304	
3	Red Bed	304	307	
2	Shale	307	309	
4	Oil Sand	309	313	OK
5	Oil Sand	313	318	OK
3	Oil Sand	318	321	Good
3	Oil Sand	321	324	V-Good
3	Oil Sand	324	327	V-Good
3	Oil Sand	327	330	V-Good
1	Oil Sand	330	331	
1	Shale	331	332	
11	Lime	332	343	
57	Shale	343	400	