

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 Production

API # 15-121-30320-00-00  
 Lease Name Bristow  
 Well # P-31  
 Spud Date 5/23/2014  
 Cement Date 6/3/2014  
 Location Sec 27 T 17 R 22  
 2540 feet from N line  
 2475 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
11	dirt	0	11	
13	lime	11	24	
15	shale	24	39	
7	lime	39	46	
28	shale	46	74	
18	lime	74	92	
8	shale	92	100	
28	lime	100	128	
8	shale	128	136	
19	lime	136	155	
5	shale	155	160	
3	lime	160	163	
4	shale/lime mix	163	167	
5	lime	167	172	
150	shale	172	322	
1	top	322	323	ok
2	top	323	325	ok
2	top	325	327	ok
2	top	327	329	ok
2	top	329	331	ok
2	top	331	333	ok
2	top	333	335	ok
3	top	335	338	ok
2	shale	338	340	
11	lime	340	351	
49	shale	351	400	