

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 Injection

API # 15-121-29633-00-00  
 Lease Name Bristow  
 Well # I-3  
 Spud Date 11/8/2013  
 Cement Date 11/15/2013  
 Location Sec 27 T 17 R 22  
 725 feet from N line  
 2970 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	Soil	0	2	
5	Clay	2	7	
18	Lime	7	25	
13	Shale	25	38	
6	Lime	38	44	
32	Shale	44	76	
15	Lime	76	91	
10	Shale	91	101	
27	Lime	101	128	
8	Black Shale	128	136	
21	Lime	136	157	
4	Coal	157	161	
148	Lime	161	309	
3	Red Bed	309	312	
4	Shale	312	316	
2	Oil Sand	316	318	OK
3	Oil Sand	318	321	OK
3	Oil Sand	321	324	OK
3	Oil Sand	324	327	OK
3	Oil Sand	327	330	Lime-Good
3	Oil Sand	330	333	V-Good
5	Oil Sand	333	338	V-Good
9	Lime	338	347	
53	Shale	347	400	