

Operator License # 32834
 Operator JTC Oil, Inc.
 Address PO Box 24386
 City Stanley, KS 66283
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 380
 T.D. of pipe 371
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-29779-00-00
 Lease Name Bristow
 Well # I-12
 Spud Date 11/20/2013
 Cement Date 11/21/2013
 Location Sec 27 T 17 R 22E
 1385 feet from N line
 2640 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	Soil	0	2	
5	Clay	2	7	
19	Lime	7	26	
16	Shale	26	42	
6	Lime	42	48	
30	Shale	48	78	
16	Lime	78	94	
11	Shale	94	105	
26	Lime	105	131	
6	Black Shale	131	137	
23	Lime	137	160	
4	Coal	160	164	
12	Lime	164	176	
137	Shale	176	313	
4	Red Bed	313	317	
8	Shale	317	325	
3	Oil Sand	325	328	OK
3	Oil Sand	328	331	Good
4	Oil Sand	331	335	V-Good
3	Oil Sand	335	338	V-Good
4	Oil Sand	338	342	V-Good
6	Shale	342	348	
7	Lime	348	355	
45	Shale	355	400	