

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. 620  
 T.D. of pipe 615  
 Surface pipe size 7"  
 Surface pipe depth 20'  
 Well Type Injection

API # 15-121-29584-00-00  
 Lease Name Wilson A  
 Well # I-4  
 Spud Date 9/5/2013  
 Cement Date 9/10/2013  
 Location Sec 4 T 18 R 22  
 2310 feet from N line  
 660 feet from E line  
 County Miami

Driller's Log

Thickness	Strata	From	To
2	Soil	0	2
23	Clay	2	25
13	Lime	25	38
12	Shale	38	50
26	Lime	50	76
8	Black Shale	76	84
20	Lime	84	104
4	Coal	104	108
15	Lime	108	123
169	Shale	123	292
8	Lime	292	300
9	Shale	300	309
3	Lime	309	312
34	Shale	312	346
2	Coal	346	348
6	Shale	348	354
9	Lime	354	363
10	Shale	363	373
3	Lime	373	376
15	Black Shale	376	391
13	Lime	391	404
18	Shale	404	422
2	Lime	422	424
8	Coal	424	432
4	Lime	432	436
8	Shale	436	444
14	Sand	444	458
29	Shale	458	487
21	Black Shale	487	508
4	Sandy	508	512
30	Shale	512	542
2	Coal	542	544
4	Shale	544	548
2	Lime	548	550