

Operator License # 32834
 Operator JTC Oil, Inc.
 Address PO Box 24386
 City Stanley, KS 66283
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 580
 T.D. of pipe 570
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-29812-00-00
 Lease Name Renner
 Well # W-8
 Spud Date 2/24/2014
 Cement Date 2/28/2014
 Location Sec 16 T 17 R 22
 330 feet from S line
 495 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To
21	dirt/clay	0	21
23	shale	21	44
21	lime	44	65
28	shale	65	93
8	lime	93	101
30	shale	101	131
15	lime	131	146
8	shale	146	154
12	lime	154	166
2	shale	166	168
13	lime	168	181
7	shale	181	188
20	lime	188	208
5	black shale	208	213
12	lime	213	225
4	shale	225	229
2	lime mix	229	231
120	shale	231	351
5	mix	351	356
12	shale	356	368
21	oil	368	389
12	lime	389	401
52	shale	401	453
5	lime	453	458
2	mix	458	460
12	shale	460	472
4	lime	472	476
12	shale	476	488
3	lime	488	491
19	shale mix	491	510
3	lime	510	513
5	shale	513	518
5	lime	518	523
5	shale	523	528