

Operator License # 32834
 Operator JTC Oil, Inc.
 Address PO Box 24386
 City Stanley, KS 66283
 Contractor JTC Oil, Inc.
 Contractor License # 32834
 T.D. 500
 T.D. of pipe 475
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Injection

API # 15-121-29795-00-00
 Lease Name Renner
 Well # PW-1
 Spud Date 12/18/2013
 Cement Date 1/17/2014
 Location Sec 16 T 17 R 22
 756 feet from S line
 1240 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To	
2	Soil	0	2	
5	Clay	2	7	
93	Shale	7	100	
20	Lime	100	120	
30	Shale	120	150	
8	Lime	150	158	
32	Shale	158	190	
15	Lime	190	205	
7	Shale	205	212	
27	Lime	212	239	
10	Black Shale	239	249	
19	Lime	249	268	
5	Coal	268	273	
12	Lime	273	285	
135	Shale	285	420	
3	Oil Sand	420	423	Broken
3	Lime Oil	423	426	Little Oil
4	Lime	426	430	
3	Oil Sand	430	433	OK
2	Lime	433	435	OK
3	Oil Sand	435	438	OK
3	Oil Sand	438	441	Good
3	Oil Sand	441	444	Good
3	Oil Sand	444	447	V-Good
11	Lime	447	458	
42	Shale	458	500	