

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. 640
 T.D. of pipe 634
 Surface pipe size 7"
 Surface pipe depth 20'
 Well Type Production

API # 15-121-29617-00-00
 Lease Name Renner
 Well # P-9
 Spud Date 9/17/2013
 Cement Date 9/25/2013
 Location Sec 16 T 17 R 22
 921 feet from S line
 1095 feet from E line
 County Miami

Driller's Log

Thickness	Strata	From	To
2	Dirt	0	2
8	Lime/Sandstone	2	10
100	Shale	10	110
18	Lime	110	128
12	Shale	128	140
8	Sandy Shale	140	148
13	Shale	148	161
8	Lime	161	169
31	Shale	169	200
14	Lime	200	214
8	Shale	214	222
58	Lime	222	280
9	Black Shale	280	289
9	Lime	289	298
5	Shale	298	303
12	Lime	303	315
115	Shale	315	430
4	Tiny Oil	430	434
12	Sand/Tiny Oil	434	446
1	Oil Sand	446	447
2	Oil Sand	447	449
2	Oil Sand	449	451
2	Oil Sand	451	453
2	Oil Sand	453	455
1	Tiny	455	456
12	Lime	456	468
54	Shale	468	522
7	Lime	522	529
13	Shale	529	542
3	Lime	542	545
12	Black Shale	545	557
6	Lime	557	563
17	Shale	563	580
5	Lime	580	585

Fair