



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

Phone: 913-557-9083

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**WELL LOG**

JRC Oil Company, Inc.

Cleveland #CF-46

API #15-003-26,023

October 7 - October 8, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
25	shale	33
42	lime	75
7	shale	82
4	lime	86
18	shale	104
7	lime	111
27	shale	138
8	lime	146
5	shale	151
42	lime	193
5	shale	198
26	lime	224
4	shale	228
19	lime	247 base of the Kansas City
28	shale	275
6	sand	281 making gas
143	shale	424
6	lime	430
9	shale	439
7	sand	446 green, no oil
11	silty shale	457
1	coal	458
2	shale	460
10	broken sand	470 brown & grey, light bleeding
8	sand	478 grey, no oil
1	coal	479
6	shale	485
18	lime	503
6	silty shale	509
1	lime	510
33	shale	543
6	lime	549
18	shale	567
3	lime	570
33	shale	603
49	broken sand	652 brown & grey, ok bleeding
73	shale	725 TD

Drilled a 9 7/8" hole to 22.4'

Drilled a 5 5/8" hole to 725'

Set 22.4' of 7" surface casing, cemented with 6 sacks cement.

Set 722' of use 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 seating nipple, 1 clamp.