



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.

Daniel #DI-4

API #15-003-26,209

June 17 - June 18, 2014

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u> |
|----------------------------|------------------|---------------------------------|
| 18 | soil & clay | 18 |
| 40 | shale | 58 |
| 27 | lime | 85 |
| 23 | shale | 108 |
| 8 | lime | 116 |
| 27 | shale | 143 |
| 6 | lime | 149 |
| 17 | shale | 166 |
| 7 | lime | 173 |
| 6 | shale | 179 |
| 39 | lime | 218 |
| 8 | shale | 226 |
| 24 | lime | 250 |
| 5 | shale | 255 |
| 12 | lime | 267 base of the Kansas City |
| 192 | shale | 459 |
| 7 | lime | 466 |
| 24 | shale | 490 |
| 1 | coal | 491 |
| 20 | shale | 511 |
| 1 | coal | 512 |
| 2 | shale | 514 |
| 12 | lime | 526 |
| 13 | shale | 539 |
| 4 | lime | 543 |
| 23 | shale | 566 |
| 9 | lime | 575 |
| 59 | shale | 634 |
| 40 | broken sand | 674 brown & grey, good bleeding |
| 23 | shale | 697 |
| 2 | coal | 699 |
| 74 | shale | 773 |
| 15 | broken sand | 788 brown & grey, good bleeding |
| 1 | sand | 789 black, no oil |
| 1 | coal | 790 |
| 66 | shale | 856 TD |

Drilled a 9 7/8" hole to 22.1'

Drilled a 5 5/8" hole to 856'

Set 22.1' of 7" surface casing, cemented with 5 sacks cement.

Set 853' of 2 7/8" 8 round upset tubing including 4 centralizers, 1 float shoe, 1 clamp, 1 seating nipple.