

Oil & Gas Well Drilling **Water Wells Geo-Loop Installation**

Phone: 913-557-9083

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Paola, KS 66071

Colt Energy, Inc. Kirk #KD4 API #15-001-30,668 V

June 12 - June 14, 2013

| Thickness of Strata | <u>Formation</u> | <u>Total</u> |
|---------------------|------------------|-----------------------------|
| 23 | lime | 23 |
| 15 | shale | 38 |
| 7 | lime | 45 |
| 9 | shale | 54 |
| 20 | lime | 74 |
| 11 | shale | 85 |
| 46 | lime | 131 |
| 14 | shale | 145 |
| 6 | lime | 151 |
| 5 | shale | 156 |
| 6 | lime | 162 |
| 33 | shale | 195 |
| 2 | lime | 197 |
| 9 | shale | 206 |
| 3 | lime | 209 |
| 2 | shale | 211 |
| 47 | lime | 258 with a few shale seams |
| 2 | shale | 260 |
| 10 | lime | 270 |
| 3 | shale | 273 |
| 5 | lime | 278 |
| 3 | shale | 281 |
| 18 | lime | 299 |
| 4 | shale | 303 |
| 6 | lime | 309 |
| 5 | shale | 314 |
| 13 | lime | 327 base of the Kansas City |
| 137 | shale | 464 |
| 6 | lime | 470 |
| 25 | shale | 495 |
| 33 | lime | 528 |
| 10 | shale | 538 |
| 2 | lime | 540 |
| 13 | sand | 553 grey |
| 31 | shale | 584 |
| 2 | lime | 586 |
| 1 | coal | 587 |
| 7 | shale | 594 |
| | | |

| 12 | | lime | (| 606 | |
|----|------|-------------|-----|------------------------------------|---|
| 7 | | shale | | 613 | |
| 4 | | lime | | 617 | |
| 1 | | coal | (| 618 | |
| 12 | | shale | ٠ (| 630 | |
| 14 | | lime | | 644 | |
| 6 | | shale | • | 650 | |
| 3 | | lime | . (| 653 | |
| 10 | | shale | (| 663 | |
| 9 | | broken sand | | 672 brown & green, light bleeding | 3 |
| 16 | | shale | (| 688 | |
| 1 | | lime | (| 689 | |
| 57 | | shale | - | 746 | |
| 7 | | sandy shale | - | 753 | |
| 50 | 4 8- | broken sand | . { | 803 brown & grey, light oil show | |
| 60 | | oil sand | 8 | 863 brown light oil show, oil odor | |
| 3 | | oil sand | 8 | 866 black oil show, oil odor | |
| 45 | | shale | (| 911 | |
| 4 | | oil sand | | 915 brown light bleeding 915 TD | |
| | | | | | |

Drilled a 12 1/4" hole to 21.9'. Drilled a 7 7/8" hole to 915'.

Set 21.9' of 8 5/8" with 6 sacks of cement.





Invoice

| DATE | INVOICE# | | |
|-----------|----------|--|--|
| 7/24/2013 | 997638 | | |

Oil & Gas Well Drilling

11 Lewis Dr.

Water Wells Geo-Loop Installation Paola, KS 66071 (913)557-9083

Scott A. Evans, President

SCANNED

| 100 | | | TEI | RMS | | Project |
|---|---|--|-------|----------|------|------------|
| Association | | | Due o | on recpt | 6 | Kirk #KD4 |
| QTY | DESCRIPTION | | | RATE | | AMOUNT |
| 27 | Hours: Monday July 22, 2013 Started at 2:00 PM Stopped at 3:15 PM Tripped into 891' Drilled out plug and drilled down to 918' to core point. Tuesday July 23, 2013 Started at 7:30 AM Stopped at 3:45 PM Tripped out from core point put on 20' core barrel tripped back in and cored 12.5', tripped out, laid out core, tripped back in with the under reamer, tripped back out and the bit on under reamer twisted off in the hole. Wed. July 24, 2013 Started at 9:30 AM Stopped at 3:00 PM Tripped in with tapper, tapped and tripped out, did not get the bit out. Tripped back in with a small sub screwed in the bit tripped out with bit on! Bit Rental 4 7/8" 891-918' JUL 3 1 RECD | | | | 1.00 | 6,000.00 |
| Finance charge on unpaid Computed at 1.5% per mo | I balance after 30 days onth 18% annual percentage. | | | Total | | \$6,027.00 |