



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

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WELL LOG

SCZ Resources, LLC
Kendall Dice #D-46
API #15-001-31,054
July 16 - July 17, 2014

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u> |
|----------------------------|------------------|--|
| 5 | soil/clay | 5 |
| 29 | lime | 34 |
| 26 | shale | 60 |
| 1 | lime | 61 |
| 7 | shale | 68 |
| 4 | lime | 72 |
| 48 | shale | 120 |
| 3 | lime | 123 |
| 4 | shale | 127 |
| 15 | lime | 142 |
| 5 | shale | 147 |
| 19 | lime | 166 |
| 12 | shale | 178 |
| 11 | lime | 189 |
| 7 | shale | 196 |
| 22 | lime | 218 |
| 6 | shale | 224 |
| 9 | lime | 233 |
| 4 | shale | 237 |
| 14 | lime | 251 oil show |
| 4 | shale | 255 |
| 20 | lime | 275 base of the Kansas City |
| 136 | shale | 411 |
| 4 | lime | 415 |
| 3 | shale | 418 |
| 2 | lime | 420 |
| 13 | shale | 433 |
| 11 | lime | 444 |
| 6 | shale | 450 few thin lime streaks |
| 4 | shale | 454 |
| 2 | silty shale | 456 green |
| 1 | broken sand | 457 90% brown sand 10% shale good bleeding |
| 2 | limy sand | 459 hard green sand |
| 1 | sand | 460 green |
| 6 | silty shale | 466 |
| 17 | shale | 483 |
| 11 | sand | 498 green |
| 41 | shale | 535 |
| 1 | lime | 536 |

| | | |
|----|---------------|---|
| 1 | coal | 537 |
| 4 | shale | 541 |
| 11 | lime | 552 |
| 3 | shale | 555 |
| 4 | lime | 559 |
| 40 | shale | 599 |
| 13 | lime | 612 oil show |
| 13 | shale | 625 |
| 1 | lime | 626 |
| 71 | shale | 697 |
| 1 | coal | 698 |
| 14 | shale | 712 |
| 1 | lime & shells | 713 |
| 2 | shale | 715 |
| 1 | coal | 716 |
| 4 | shale | 720 |
| 10 | silty shale | 730 hard green & brown sand ok bleeding |
| 11 | shale | 741 |
| 5 | silty shale | 746 |
| 1 | coal | 747 |
| 12 | shale | 759 |
| 1 | coal | 760 |
| 13 | shale | 773 |
| 4 | oil sand | 777 brown good bleeding |
| 3 | broken sand | 780 40% brown & black sand 60% shale light bleeding |
| 2 | silty shale | 782 |
| 12 | shale | 794 |
| 1 | lime & shells | 795 |
| 4 | shale | 799 |
| 2 | broken sand | 801 white & brown sand light bleeding |
| 3 | oil sand | 804 brown good bleeding |
| 1 | broken sand | 805 90% shale 10% black sand |
| 22 | shale | 827 |
| 1 | sand | 828 white & black no show |
| 8 | shale | 836 |
| 1 | coal | 837 |
| 26 | shale | 863 |
| 2 | sand | 865 green brown no oil |
| 15 | broken sand | 880 brown sand & shale no oil |
| 20 | sand | 900 brown, no show, thin shale seams makes water 900 TD |

Drilled a 9 7/8" hole to 21'
 Drilled a 5 5/8" hole to 900'

Set 21' of 7" threaded and coupled surface casing, cemented with 5 sacks cement.

Set 885' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, and 1 clamp.