



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**

Verde Oil Company

E. Davidson #I-3

API #15-207-28,780

December 16 - December 17, 2013

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u>                |
|----------------------------|------------------|-----------------------------|
| 8                          | soil & clay      | 8                           |
| 13                         | sand & clay      | 21 making water             |
| 71                         | shale            | 92                          |
| 11                         | lime             | 103                         |
| 1                          | shale            | 104                         |
| 1                          | lime             | 105                         |
| 4                          | shale            | 109                         |
| 22                         | lime             | 131                         |
| 2                          | shale            | 133                         |
| 23                         | lime             | 156                         |
| 22                         | shale            | 178                         |
| 131                        | lime             | 309                         |
| 9                          | shale            | 318                         |
| 16                         | lime             | 334                         |
| 2                          | shale            | 336                         |
| 48                         | lime             | 384                         |
| 20                         | shale            | 404                         |
| 2                          | lime             | 406                         |
| 30                         | shale            | 436                         |
| 75                         | lime             | 511 making water            |
| 5                          | shale            | 516                         |
| 25                         | lime             | 541                         |
| 3                          | shale            | 544                         |
| 6                          | lime             | 550                         |
| 2                          | shale            | 552                         |
| 18                         | lime             | 570 base of the Kansas City |
| 158                        | shale            | 728                         |
| 5                          | lime             | 733                         |
| 23                         | shale            | 756                         |
| 12                         | lime             | 768                         |
| 6                          | shale            | 774                         |
| 10                         | sand             | 784 green, no show          |
| 20                         | shale            | 804                         |
| 1                          | lime             | 805                         |
| 27                         | shale            | 832                         |
| 4                          | lime             | 836                         |
| 6                          | shale            | 842                         |
| 14                         | lime             | 856                         |
| 7                          | shale            | 863                         |
| 1                          | lime             | 864                         |
| 16                         | shale            | 880                         |

|    |               |  |
|----|---------------|--|
| 8  | lime          | 888                                      |
| 3  | shale         | 891                                      |
| 10 | lime          | 901                                      |
| 7  | shale         | 908                                      |
| 2  | lime          | 910                                      |
| 5  | shale         | 915                                      |
| 4  | silty shale   | 919 green                                |
| 1  | broken sand   | 920 60% black sand 40% shale ok bleeding |
| 2  | oil sand      | 922 black sand ok bleeding               |
| 7  | silty shale   | 929                                      |
| 29 | shale         | 958                                      |
| 2  | lime & shells | 960 80% brown sand 20% shale ok bleeding |
| 14 | oil sand      | 974 brown sand good bleeding             |
| 2  | broken sand   | 976 70% black sand 30% shale ok show     |
| 3  | black sand    | 979 light show                           |
| 2  | grey sand     | 981                                      |
| 3  | silty shale   | 984                                      |
| 41 | shale         | 1025                                     |
| 1  | lime          | 1026                                     |
| 11 | shale         | 1037                                     |
| 7  | sand          | 1044 grey & white no show                |
| 11 | shale         | 1055 TD                                  |

Drilled a 9 7/8" hole to 44.7'

Drilled a 5 5/8" hole to 1055'

Set 44.7' of 7" threaded and coupled surface casing, cemented with 10 sacks cement.

Set 1047.85' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 seating nipple, 1 baffle