



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 #12

API #15-207-28,788

December 19 - December 20, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
16	sand & clay	23 70% loose sand 30% clay making approx. 2 gallons of water
83	shale	106
11	lime	117
3	shale	120
21	lime	141
1	shale	142
24	lime	166
19	shale	185
133	lime	318 Lansing lime
9	shale	327
18	lime	345
2	shale	347
38	lime	385
12	shale	397
3	lime	400
57	shale	457
56	lime	513
2	shale	515
8	lime	523
2	shale	525
29	lime	554
3	shale	557
18	lime	575
3	shale	578
7	lime	585 base of the Kansas City
28	shale	613
10	broken sand	623 20% green sand 80% shale no show
114	shale	737
17	lime	754 limey green sand no show
9	shale	763
12	lime	775
2	shale	777
17	sand	794 green sand no show or odor
17	shale	811
2	lime	813
24	shale	837
4	lime	841
14	shale	855
11	lime	866

4	shale	870
24	lime	894
10	shale	904
7	lime	911
6	shale	917
3	lime	920
6	silty shale	926
2	broken sand	928 60% brown sand 40% shale ok bleeding (gassy)
4	oil sand	932 brown sand gassy good bleeding
1	broken sand	933 50% brown sand 50% shale ok bleeding (gassy)
7	silty shale	940
26	shale	966
1	lime & shells	967
2	shale	969
2	lime & shells	971
4	broken sand	975 90% sand 10% shale good bleeding
4	black sand	979 ok bleeding soft sand
5	broken sand	984 black sand & shale light odor
4	grey sand	988 no show
67	shale	1055 TD

Drilled a 9 7/8" hole to 41.4'

Drilled a 5 5/8" hole to 1055'

Set 41.4' of 7" threaded and coupled surface casing, cemented with 10 sacks cement.

Set 1046.65' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 seating nipple, 1 baffle