



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 #14

API #15-207-28,789

December 17 - December 18, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
13	sand & clay	20
86	shale	106
9	lime	115
5	shale	120
47	lime	167
20	shale	187
124	lime	311
4	shale	315
7	lime	322
7	shale	329
66	lime	395
13	shale	408
5	lime	413
45	shale	458
64	lime	522
3	shale	525
26	lime	551
2	shale	553
19	lime	572
2	shale	574
8	lime	582 base of the Kansas City
20	shale	602
3	broken sand	605 green sand & shale, no odor
132	shale	737
16	lime	753
10	shale	763
10	lime	773
5	shale	778
13	sand	791 hard limey green sand no show or odor
22	shale	813
1	lime	814
23	shale	837
4	lime	841
5	shale	846
15	lime	861
1	shale	862
2	lime	864
5	shale	869
2	lime	871
15	shale	886

5	lime	891
10	shale	901
8	lime	909
7	shale	916
1	lime	917
2	shale	919
2	silty shale	921
4	broken sand	925 60% brown 40% shale good bleeding
2	oil sand	927 brown sand few thin shale seams good bleeding (gassy)
1	broken sand	928 80% brown sand 20% shale good bleeding
1	oil sand	929 brown sand good bleeding
2	broken sand	931 brown sand & shale good bleeding
1	broken sand	932 20% brown sand 80% shale light bleeding
2	silty shale	934
1	shale	935
1	oil sand	936 brown sand good bleeding
1	broken sand	937 80% brown sand 20% shale good bleeding
26	shale	963
1	lime & shells	964
1	broken sand	965
2	shale	967
1	lime & shells	968
3	broken sand	971 80% brown sand 20% shale good bleeding
1	silty shale	972
3	oil sand	975 dark brown & black sand good bleeding
1	broken sand	976 50% dark brown & black sand 50% shale good bleeding
3	oil sand	979 dark brown & black sand, good bleeding
3	broken sand	982 50% black sand 50% shale ok bleeding
4	black sand	986 ok show
6	grey sand	992 no show
33	shale	1025
1	coal	1026
19	shale	1045
6	sand	1051 white & grey no show
4	shale	1055 TD

Drilled a 9 7/8" hole to 40.6'

Drilled a 5 5/8" hole to 1055'

Set 40.6' of 7" threaded and coupled surface casing, cemented with 10 sacks cement.

Set 1045.1' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 seating nipple, 1 baffle