



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

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WELL LOG

Verde Oil Company
Campbell #85-85
API #15-001-30,736
July 1 - July 2, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
28	lime	33
2	shale	35
23	lime	58
4	shale	62 black, making water
3	lime	65
19	shale	84
18	lime	102
2	shale	104
5	lime	109
4	shale	113
47	lime	155 base of the Kansas City
99	shale	254
5	lime	259
32	shale	291
1	lime	292
14	shale	306
1	lime	307
5	shale	312
16	lime	328
21	shale	349
4	lime	353
62	shale	415
2	lime	417
1	coal	418
5	shale	423
12	lime	435
3	shale	438
6	lime	444
28	shale	472
1	lime	473
12	shale	485
17	lime	502 brown, light oil show
8	shale	510
6	lime	516
8	shale	524
2	lime	526
35	shale	561

2	lime	563
21	shale	584
1	coal	585
19	shale	604
2	lime	606
1	coal	607
3	shale	610
1	coal	611
24	shale	635
1	coal	636
77	shale	713
7	silty shale	720
5	broken sand	725 brown & grey, light bleeding
2	silty shale	727
1	coal	728
37	shale	765
6	broken sand	771 shale & light brown sand, no oil
2	silty shale	773
4	broken sand	777 shale & light brown sand, no oil
4	shale	781
6	broken sand	787 shale & brown sand, no oil
1	oil sand	788 brown sand, light show
12	shale	800
2	silty shale	802 grey, good saturation & bleeding
6	oil sand	808 brown sand, good bleeding
4	broken sand	812 80% brown sand 20% shale, good bleeding
7	oil sand	819 brown sand, good bleeding
0.5	coal	819.5
2.5	oil sand	822 brown sand, good bleeding
2	broken sand	824 60% sand 40% shale, good bleeding
1	oil sand	825 brown sand, good bleeding
4	broken sand	829 60% brown sand 40% shale, good bleeding
9	oil sand	838 brown, good bleeding
10	oil sand	848 grey & black, good saturation & bleeding
1	broken sand	849 50% black oil sand 50% limey sand, good bleeding
17	oil sand	866 black oil sand, good bleeding & saturation
37	shale	903 Mississippi TD

Drilled a 9 7/8" hole to 22.5'
 Drilled a 5 5/8" hole to 903'

Set 22.5' of 6 5/8" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 901' of use 2 7/8" 8 round upset tubing including 4 centralizers, 1 float shoe, 1 baffle, 1 seating nipple, and 1 clamp.