



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Verde Oil Company

Campbell #9-14

API #15-001-30,869

November 19 - November 20, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
4	broken lime	11
30	lime	41
2	shale	43
20	lime	63
4	shale	67
4	lime	71
18	shale	89
18	lime	107
3	shale	110
7	lime	117
1	shale	118
47	lime	165 base of the Kansas City
97	shale	262
2	lime	264
36	shale	300
3	lime	303
18	shale	321
2	lime	323
10	shale	333
4	lime	337
22	shale	359
2	lime	361
65	shale	426
2	lime	428
11	shale	439
8	lime	447 oil show
4	shale	451
5	lime	456
46	shale	502
11	lime	513
61	shale	574
2	lime	576
40	shale	616
1	lime	617
4	shale	621
1	coal	622
25	shale	647
1	coal	648

67	shale	715
4	silty shale	719
6	shale	725
1	silty shale	726
6	shale	732
2	sand	734 black & grey, light odor
8	shale	742
1	coal	743
30	shale	773
17	broken sand	790 hard light brown sand, light bleeding
9	shale	799
4	broken sand	803 hard light brown sand, minimal bleeding
5	shale	808
2	sand	810 soft light brown, no show
12	broken sand	822 soft light brown sand & shale no show
13	oil sand	835 soft brown sand, good bleeding
7	oil sand	842 dark brown sand, good bleeding
19	oil sand	861 black & grey, good bleeding
46	shale	907 Mississippi

Drilled a 9 7/8" hole to 22.5'

Drilled a 5 5/8" hole to 907'

Set 22.5' of 7" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 903.45' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 baffle, 1 seating nipple