



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 #8-13  
API #15-001-30,747  
July 9-July 10, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
29	lime	35
3	shale	38
3	lime	41
5	shale	46
12	lime	58
3	shale	61
3	lime	64
19	shale	83
17	lime	100
3	shale	103
8	lime	111
1	shale	112
25	lime	137 oil show
1	shale	138
22	lime	160 base of the Kansas City
95	shale	255
3	lime	258
36	shale	294
4	lime	298
16	shale	314
4	lime	318
4	shale	322
9	lime	331
23	shale	354
2	lime	356
62	shale	418
21	lime	439
4	shale	443
5	lime	448
42	shale	490
15	lime	505
10	shale	515
7	lime	522
3	shale	525
1	lime	526
42	shale	568
2	lime	570
39	shale	609

2	lime	611
116	shale	727
9	black sand	736 light odor
1	coal	737
56	shale	793
10	broken sand	803 light brown & shale, light bleeding
3	silty shale	806
10	broken sand	816 light brown, no oil
1	oil sand	817 brown, good bleeding
2	broken sand	819 60% brown sand 40% shale, good bleeding
9	oil sand	828 brown, good bleeding
1	broken sand	829 40% brown sand 60% shale, good bleeding
5	shale	834
2	broken sand	836 50% brown sand 50% silty shale, ok bleeding
5	oil sand	841 brown & black sand, good bleeding
20	oil sand	861 grey & black, ok show
40	shale	901 Mississippi TD

Drilled a 9 7/8" hole to 22.4'

Drilled a 5 5/8" hole to 901'

Set 22.4' of 7" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 890.85' of use 2 7/8" 8 round upset tubing including 4 centralizers, 1 float shoe, 1 baffle, 1 clamp.