



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

Campbell #9-12

API #15-001-30,871

November 12 - November 13, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
8	broken lime	14
48	lime	62
3	shale	65
3	lime	68
18	shale	86
19	lime	105
4	shale	109
6	lime	115
1	shale	116
45	lime	161 base of the Kansas city/oil show
100	shale	261
2	lime	263
38	shale	301
3	lime	304
15	shale	319
2	lime	321
2	shale	323
10	lime	333
21	shale	354
4	lime	358
64	shale	422
2	lime	424
7	shale	431
2	lime	433
6	shale	439
4	lime	443
2	shale	445
6	lime	451
43	shale	494
15	lime	509
101	shale	610
2	lime	612
3	shale	615
1	coal	616
26	shale	642
1	coal	643
78	shale	721
2	broken sand	723 black & brown sand ok bleeding (gassy)

4	sand	727	black, no show
1	broken sand	728	brown sand & shale ok bleeding (gassy)
3	oil sand	731	brown sand good bleeding (gassy)
8	oil sand	739	black sand ok bleeding
1	coal	740	
37	shale	777	
16	broken sand	793	hard light brown sand & shale light bleeding
4	shale	797	black
8	silty shale	805	
8	broken sand	813	light brown sand & shale no show
8	sand	821	light brown no show
7	broken sand	828	60% shale 40% brown sand good bleeding
6	oil sand	834	brown sand good bleeding
2	silty shale	836	
1	broken sand	837	60% brown sand 40% shale good bleeding
4	oil sand	841	brown sand good bleeding
7	oil sand	848	brown & grey sand with few thin shale seams, good bleeding
7	oil sand	855	black & grey sand ok bleeding
4	broken sand	859	black sand & shale ok show
11	oil sand	870	black sand ok bleeding
1	coal	871	
43	shale	914	Mississippi

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 914'

Set 22' of 7" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 910' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 baffle, 1 seating nipple