



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

Becker

~~Campbell~~ #4-2

API #15-001-30,877

November 20 - November 26, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
9	broken lime	14
19	lime	33
2	shale	35
20	lime	55
4	shale	59
2	lime	61
20	shale	81
26	lime	107
4	shale	111
15	lime	126
1	shale	127
3	lime	130
2	shale	132
26	lime	158 base of the Kansas City
146	shale	304
3	lime	307
3	shale	310
9	lime	319
86	shale	405
3	lime	408
7	shale	415
9	lime	424
5	shale	429
5	lime	434
41	shale	475
14	lime	489 oil show
68	shale	557
1	lime	558
45	shale	603
1	lime	604
110	shale	714
2	oil sand	715 brown sand, good bleeding
3	oil sand	719 black & brown, good bleeding
5	shale	724
1	coal	725
25	shale	750
15	silty shale	765

16	shale	781
2	sand	783 grey & black, no show
9	shale	792
3	broken sand	795 brown & grey sand, minimal bleeding
5	shale	800
7	broken sand	807 light brown hard sand & shale minimal bleeding
2	broken sand	809 brown sand & silty shale, ok bleeding
3	black sand	812
3	silty shale	815
3	broken sand	818 grey sand & shale, no oil
2	shale	820
3	silty shale	823
1	broken sand	824 brown sand & shale, ok bleeding
7	oil sand	831 dark brown sand good bleeding
3	broken sand	834 75% shale 25% brown sand ok bleeding
11	oil sand	845 black & grey sand, ok bleeding
2	sand	847 light brown no oil
11	grey sand	858 no oil
40	shale	898 Mississippi

Drilled a 9 7/8" hole to 22.5'

Drilled a 5 5/8" hole to 898'

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

Set 894' of 2 7/8" 8 round upset tubing with 4 centralizers, 1 float shoe, 1 clamp, 1 baffle, 1 seating nipple