



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

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WELL LOG

SCZ Resources, LLC

Lindberg #L-11

API #15-133-27,721

July 9 - July 10, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil/clay	11
9	broken lime	20
44	lime	64
3	shale	67
4	lime	71
21	shale	92
31	lime	123
1	shale	124
4	lime	128
3	shale	131
5	lime	136
3	shale	139
38	lime	177 base of the Kansas City
4	shale	181
2	sand	183 green sand, no odor, making water
140	shale	323
1	lime	324
4	shale	328
2	lime	330
2	shale	332
9	lime	341
2	shale	343
2	lime	345
11	shale	356
4	limy sand	360 green
5	silty shale	365
2	broken sand	367 50% green sand 50% shale
20	shale	387
4	lime	391
36	shale	427
2	lime	429
2	coal	431
11	shale	442
5	lime	447 oil show
3	shale	450
6	lime	456
5	shale	461
1	lime	462
22	shale	484

7	sand	491	green, light gas odor
9	shale	500	
16	lime	516	
2	shale	518	
1	lime	519	
3	shale	522	
1	coal	523	
2	shale	525	
3	lime	528	
7	shale	535	
7	silty shale	542	green
4	sand	546	
50	shale	596	
1	shale	597	black, hard
30	shale	627	
2	lime	629	
2	shale	631	
1	coal	632	
11	shale	643	
2	lime/shale	645	
12	shale	657	
1	coal	658	
23	shale	681	
2	broken sand	683	green sand & shale light oil odor no show
27	shale	710	
1	coal	711	
19	shale	730	
2	broken sand	732	80% brown sand 20% shale ok bleeding
1	broken sand	733	25% brown sand 75% shale light bleeding
7	silty shale	740	
4	shale	744	
6	broken sand	750	white sand & black shale
1	shale	751	
4	broken sand	755	laminated white sand & grey shale
15	shale	770	
2	broken sand	772	60% hard brown sand 40% shale, ok bleeding
5	broken sand	777	70% brown sand 30% shale good bleeding
1	shale	778	
4	broken sand	782	80% brown sand 20% shale good bleeding
1	broken sand	783	15% sand 85% shale
31	shale	814	few thin white sand streaks
13	shale	827	
4	broken sand	831	light brown sand & shale, light show making a lot of gas
9	shale	840	
4	broken sand	844	15% light brown sand & shale, no show
16	oil sand	860	soft sand, good bleeding

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2	oil sand	862	dark brown & grey sand ok show
4	sand	866	grey & black light odor no bleeding making water
3	broken sand	869	white sand & black shale
4	broken sand	873	brown sand & shale good bleeding
3	oil sand	876	soft brown sand, few thin grey sand streaks good bleeding
4	broken sand	880	90% brown sand 10% limey grey sand ok bleeding
1	silty shale	881	
7	sand	888	light brown & white, no oil
1	silty shale	889	
4	sand	893	light brown, no oil
10	grey sand	903	makes water
1	coal	904	
15	grey sand	919	makes water
1	shale/coal	920	TD

Drilled a 9 7/8" hole to 21.5'

Drilled a 5 5/8" hole to 920'

Set 21.5' of 7" threaded and coupled surface casing, cemented with 5 sacks cement.