



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-81  
API #15-133-27,749  
July 10 - July 11, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
13	soil/clay	13
22	broken lime	35
35	lime	70
2	shale	72
4	lime	76
15	shale	91
1	lime	92
3	shale	95
2	lime	97
9	shale	106
23	lime	129
1	shale	130
2	lime	132
4	shale	136
1	lime	137
2	shale	139
45	lime	184 base of the Kansas City
88	shale	272
6	limey sand	278 green no odor or oil
40	shale	318
9	lime/shale	327 light oil show
1	lime	328
2	shale	330
3	lime	333
2	shale	335
15	lime	350
2	shale	352
1	lime	353
9	shale	362
3	sand	365 green
3	lime	368
25	shale	393
5	lime	398
36	shale	434
2	lime	436
1	coal	437
4	shale	441
11	lime	452
1	shale	453
2	lime	455
1	shale	456

6	lime	462
23	shale	485
4	sand	489 green hard, makes water
12	shale	501
1	coal	502
3	shale	505
16	lime	521 oil show
1	shale	522
2	lime	524
6	shale	530
5	lime	535
13	shale	548
5	sand	553 grey, no show
5	silty shale	558
47	shale	605
1	lime	606
9	shale	615
1	coal	616
21	shale	637
2	lime	639
3	shale	642
1	coal	643
25	shale	668
1	coal	669
15	shale	684
1	coal	685
37	shale	722
1	coal	723
19	shale	742
1	broken sand	743 15% brown sand 85% shale ok bleeding
3	oil sand	746 brown sand ok bleeding gassy
2	broken sand	748 30% brown sand 70% shale ok bleeding
30	shale	778
8	shale	786 with thin white sand streaks
54	shale	840
2	broken sand	842 60% white sand 40% shale
19	shale	861
8	silty shale	869
5	broken sand	874 grey sand & shale, no show
1	shale	875
7	broken sand	882 grey & shale
1	shale/lime steaks	883
7	shale	890
4	sand	894 limey brown sand
6	shale	900 TD

Drilled a 12 1/4" hole to 24.1'

Drilled a 6 3/4" hole to 900'

Set 24.1' of 8 5/8" surface casing, cemented with 9 sacks cement.