



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-12

API #15-133-27,722

July 11 - July 12, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
10	soil/clay	10
23	broken lime	33
33	lime	66
2	shale	68
3	lime	71
25	shale	96
27	lime	123
2	shale	125
2	lime	127
2	shale	129
31	lime	150
1	shale	151
23	lime	174 base of the Kansas City
7	shale	181
4	sand	185 hard grey sand
30	shale	315
5	lime	320
7	shale	327
1	lime	328
2	shale	330
10	lime	340
2	shale	342
8	lime	350
7	shale	357
5	sand	362 hard green sand
16	shale	388
1	lime	389
38	shale	427
4	lime	431
1	coal	432
6	shale	438
7	lime	445
2	shale	447
9	lime	456
26	shale	482
2	silty shale	484
2	sand	486 hard green sand
12	shale	498
17	lime	515 oil show
2	shale	517

1	lime	518
3	shale	521
1	coal	522
3	shale	525
3	lime	528
7	shale	535
10	sand	545 green & brown, ok bleeding
51	shale	596
2	lime	598
10	shale	608
1	coal	609
20	shale	629
1	lime	630
3	shale	633
1	coal	634
24	shale	658
1	coal	659
53	shale	712
1	coal	713
19	shale	732
1	silty shale	733
3	broken sand	736 40% brown sand 60% shale ok bleeding
2	broken sand	738 30% hard green sand 70% shale light show
9	shale	747
10	broken sand	757 hard brown sand & shale no show
16	shale	773
2	broken sand	775 black sand & white laminations with shale light odor
5	broken sand	780 90% hard brown sand 10% shale good bleeding
4	broken sand	784 black sand and shale
2	broken sand	786 80% hard brown sand 20% shale
2	silty shale	788
3	shale	791
12	shale	803 thin white sand laminations
4	broken sand	807 white hard and shale
9	shale	816
1	broken sand	817 90% sand 10% shale ok bleeding
8	shale	825
2	broken sand	827 brown/white sand & shale
1	shale	828
3	broken sand	831 white sand & shale
1	shale	832
3	broken sand	835 brown & shale
12	shale	847
1	oil sand	848 light brown sand light odor
3	broken sand	851 light brown sand & shale, light bleeding
17	oil sand	868 soft brown sand, good bleeding
1	sand	869 black, minimal show

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2	shale	871
22	oil sand	893 soft brown sand good bleeding
1	sand	894 grey
3	sand	897 brown with conglomerates
3	sand	900 brown & grey
6	sand	906 grey
24	shale	930
1	coal	931
2	shale	933
		933 Mississippi

Drilled a 12 1/4" hole to 24.1'

Drilled a 6 3/4" hole to 933'

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

Set 910' of 4 1/2" casing threaded and coupled with 3 centralizers, 1 float shoe and 1 clamp.