



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

Tailwater, Inc.

South Kempnich #12-L

API #15-003-26,491

January 6 - January 11, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
4	soil & clay	4
4	clay & gravel	8
69	shale	77
30	lime	107
66	shale	173
10	lime	183
7	shale	190
34	lime	224
6	shale	230
22	lime	252
3	shale	255
25	lime	280 base of the Kansas City
176	shale	456
4	lime	460
3	shale	463
8	lime	471 oil show
11	shale	482
13	broken sand	495 brown & green, ok bleeding
1	coal	496
3	shale	499
19	oil sand	518 green, good bleeding
22	shale	540
4	lime	544
8	shale	552
5	lime	557
21	shale	578
4	lime	582
4	shale	586
6	lime	592
13	shale	605
4	lime	609
8	shale	617
2	lime	619
12	shale	631
8	broken sand	639 brown & green, ok bleeding
32	shale	671
1	lime & shells	672
6	oil sand	678 brown, good bleeding

2	broken sand	680 brown & grey,
45	shale	725
3	broken sand	728 brown & grey, ok bleeding
3	shale	731
3	broken sand	734 brown & grey, ok bleeding
9	shale	743
1	broken sand	744 brown & grey, ok bleeding
36	sandy shale	780
50	sandy shale	830 grey, no oil
		830 TD

Drilled a 9 7/8" hole to 23.5'

Drilled a 5 5/8" hole to 830'

Set 23.5' of 7" surface casing with 5 sacks of cement.

This well was plugged by Hurricane Service, Inc.