



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 #16-L

API #15-003-26,493

January 4 - January 5, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
2	clay & gravel	16
30	shale	46
2	lime	48
11	shale	59
35	lime	94
10	shale	104
7	lime	111
51	shale	162
7	lime	169
6	shale	175
28	lime	203
18	shale	221
22	lime	243
2	shale	245
22	lime	267 base of the Kansas City
173	shale	440
3	lime	443
2	shale	445
4	lime	449
2	shale	451
9	lime	460 oil show
12	shale	472
11	broken sand	483 brown & green, light bleeding
2	shale	485
2	broken sand	487 brown & green, light bleeding
17	oil sand	504 green, ok bleeding
14	shale	518
26	lime	544
27	shale	571
16	lime	587
32	shale	619
7	broken sand	626 brown & green, ok bleeding
33	shale	659
1	lime & shells	660
4	oil sand	664 brown, good bleeding
4	broken sand	668 brown & black, ok bleeding
35	shale	703
2	broken sand	705 brown & grey, light oil show

1	shale	706
6	broken sand	712 brown & grey, light oil show
2	shale	714
3	broken sand	717 brown & grey, light oil show
11	shale	728
5	broken sand	733 brown & grey, no oil show
7	broken sand	740 brown & grey, light oil show
6	shale	746
7	oil sand	753 brown good bleeding
14	shale	767
10	broken sand	777 brown & grey good bleeding
11	oil sand	788 brown good bleeding
6	shale	794
4	oil sand	798 brown good bleeding
77	shale	875 TD

Drilled a 9 7/8" hole to 23.4'

Drilled a 5 5/8" hole to 875'

Set 23.4' of 7" surface casing with 5 sacks of cement.

Set 865' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.