



11 Lewis Drive

Paola, KS 66071

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

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**

Tailwater, Inc.

Wittman #10-T

API#15-003-25,331

July 14 - July 16, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
103	shale	117
32	lime	149
24	shale	173
6	lime	179
46	shale	225
10	lime	235
7	shale	242
34	lime	276
6	shale	282
22	lime	304
4	shale	308
18	lime	326 base of the Kansas City
165	shale	491
5	lime	496
7	shale	503
8	lime	511 oil show
16	shale	527
1	coal	528 green, good bleeding
5	shale	533
7	sand	540 grey, no oil
17	oil sand	557 green, good bleeding
1	coal	558
5	shale	563
3	lime	566
19	shale	585
7	lime	592
53	shale	645
6	lime	651
51	shale	702
1	lime & shells	703
1	sand	704 grey, no oil
6	oil sand	710 brown, good bleeding
1	broken sand	711 brown & grey sand, good bleeding
26	shale	737
56	broken sand	793 brown & grey sand, no oil show

Drilled a 9 7/8" hole to 23.4'

Drilled a 5 5/8" hole to 793'

Set 23.4' of 7" surface casing cemented with 6 sacks of cement.

Set 783.4' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.