



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.

West Wittman # 2-IWM

API #15-003-26,403

November 19 - November 20, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
97	shale	102
1	lime	103
1	shale	104
27	lime	131
12	shale	143
5	lime	148
35	shale	183
2	lime	185
11	shale	196
10	lime	206
3	shale	209
37	lime	246
5	shale	251
13	lime	264
14	shale	278
18	lime	296 base of the Kansas City
171	shale	467
3	lime	470
3	shale	473
12	lime	485 oil show
13	shale	498
9	oil sand	507 green, light oil show
2	coal	509
19	oil sand	528 green, ok bleeding
4	shale	532
2	coal	534
10	shale	544
3	lime	547
11	shale	558
2	lime	560
40	shale	600
6	lime	606
31	shale	637
2	broken sand	639 brown & green, oil odor
32	shale	671
1	lime & shells	672
10	oil sand	682 brown, good bleeding
54	shale	736 TD

Drilled a 9 7/8" hole to 22.6'

Drilled a 5 5/8" hole to 736'

Set 22.6' of 7" surface casing with 4 sacks of cement.

Set 726' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.