



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.

Simons Bros. Farms #20-IW

API#15-003-25,609

December 13 - December 14, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
17	soil & clay	17
3	clay & gravel	20
49	shale	69
38	lime	107
53	shale	160
10	lime	170
5	shale	175
38	lime	213
5	shale	218
25	lime	243
3	shale	246
21	lime	267 base of the Kansas City
174	shale	441
3	lime	444
9	shale	453
8	lime	461 oil show
16	shale	477
1	coal	478
29	shale	507
1	coal	508
7	shale	515
6	lime	521
15	shale	536
8	lime	544
33	shale	577
7	lime	584
45	shale	629
29	broken sand	658 brown & gray, light show
11	oil sand	669 brown, good bleeding
4	shale	673
3	sand	676 black, no oil
58	shale	734 TD

Drilled a 9 7/8" hole to 24.3'

Drilled a 5 5/8" hole to 734'

Set 24.3' of 7" surface casing cemented with 6 sacks of cement.

Set 723.5' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

