



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 12-IW

API#15-003-25,602

December 4 - December 5, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
3	clay & gravel	9
56	shale	65
38	lime	103
60	shale	163
10	lime	173
6	shale	179
37	lime	216
6	shale	222
22	lime	244
3	shale	247
26	lime	273 base of the Kansas City
170	shale	443
3	lime	446
14	shale	460 oil show
9	lime	469
11	shale	480
7	oil sand	487 green, good bleeding
1	coal	488
27	shale	515
1	coal	516
7	shale	523
6	lime	529
15	shale	544
8	lime	552
33	shale	585
7	lime	592
30	shale	622
1	broken sand	623 brown & green, good bleeding
2	oil sand	625 brown, good bleeding
2	broken sand	627 brown & green, good bleeding
36	shale	663
1	lime & shells	664
6	oil sand	670 brown & good bleeding
4	shale	674
3	sand	677 black, no oil
60	shale	737 TD

Drilled a 9 7/8" hole to 21.7'

Drilled a 5 5/8" hole to 737'

Set 21.7' of 7" surface casing cemented with 6 sacks of cement.

Set 727' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

