



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 #21-IW

API#15-003-25,610

December 18 - December 20, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
5	clay & gravel	21
39	shale	60
27	lime	87
66	shale	153
10	lime	163
7	shale	170
37	lime	207
6	shale	213
23	lime	236
3	shale	239
24	lime	263 base of the Kansas City
170	shale	433
3	lime	436
13	shale	449
6	lime	455 oil show
21	shale	476
1	coal	477
13	shale	490
3	oil sand	493 green, light show
9	shale	502
1	coal	503
7	shale	510
6	lime	516
15	shale	531
8	lime	539
33	shale	572
7	lime	579
38	shale	617 brown & grey, light show
29	broken sand	646
5	oil sand	651 brown, ok bleeding
13	oil sand	664 brown, good bleeding
4	sand	668 black, no oil show
68	shale	736 TD

Drilled a 9 7/8" hole to 25.3'

Drilled a 5 5/8" hole to 736'

Set 25.3' of 7" surface casing cemented with 6 sacks of cement.

Set 725.9' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

