



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.

Pedrow #4-IW

API#15-003-25,699

February 1 - February 4, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
9	soil & clay	9
3	clay & gravel	12
67	shale	79
34	lime	113
62	shale	175
10	lime	185
8	shale	193
33	lime	226
8	shale	234
23	lime	257
3	shale	260
23	lime	283 base of the Kansas City
170	shale	453
3	lime	456
8	shale	464
6	lime	470 oil show
10	shale	480
12	oil sand	492 green, light bleeding
8	shale	500
20	oil sand	520 green, light bleeding, wet
1	coal	521
7	shale	528
6	lime	534
15	shale	549
8	lime	557
33	shale	590
7	lime	597
31	shale	628
3	broken sand	631 brown & green, light bleeding
2	silty shale	633
2	broken sand	635 brown & green, light bleeding
30	shale	665
1	lime & shells	666
6	oil sand	672 brown, ok bleeding
5	shale	677
3	sand	680 black, no oil show
48	shale	728 TD

Drilled a 9 7/8" hole to 22.2'

Drilled a 5 5/8" hole to 728'

Set 22.2' of 7" surface casing cemented with 6 sacks of cement.

Set 718' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

