





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.

Pedrow #19-T

API#15-003-25,630

November 16 - November 19, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
2	clay & shale	8
77	shale	85
28	lime	113
70	shale	183
10	lime	193
5	shale	198
35	lime	233
7	shale	240
24	lime	264
3	shale	267
23	lime	290 base of the Kansas City
170	shale	460
3	lime	463
8	shale	471
8	lime	479 oil show
8	shale	487
11	oil sand	498 green, light bleeding
11	shale	509
20	oil sand	529 green, ok bleeding
1	coal	530
7	shale	537
6	lime	543
15	shale	558
8	lime	566
33	shale	599
7	lime	606
30	shale	636
7	broken sand	643 brown & green, ok bleeding
31	shale	674
1	lime & shells	675
6	oil sand	681 brown, ok bleeding
4	shale	685
3	sand	688 black, no oil show
51	shale	739
36	broken sand	775 brown & grey, light bleeding
18	silty shale	793
1	oil sand	794 grey, good bleeding
9	silty shale	803

5	sand	808 grey, no oil
7	silty shale	815
4.5	oil sand	819.5 brown, light show
1.5	silty shale	821
1.5	sand	822.5 grey, no oil
6.5	silty shale	829
1	sand	830 grey, no oil
13	silty shale	843
7	sand	850 white, no oil
10	shale	860 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 860'

Set 21' of 7" surface casing cemented with 6 sacks of cement.

Set 850' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.