



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.

West Whiteside #9-T

API#15-003-26,074

December 31, 2013 - January 3, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
2	soil & clay	2
43	lime	45
8	shale	53
16	lime	69
111	shale	180
28	lime	208
65	shale	273
12	lime	285
6	shale	291
33	lime	324
7	shale	331
20	lime	351
3	shale	354
20	lime	374 base of the Kansas City
169	shale	543
3	lime	546
12	shale	558
7	lime	565 oil show
5	shale	570
10	broken sand	580 brown & green, light bleeding
8	shale	588
1	coal	589
7	shale	596
16	oil sand	612 green, ok bleeding
2	coal	614
6	shale	620
4	lime	624
92	shale	716
4	broken sand	720 brown & green ok bleeding
2	oil sand	722
33	shale	755
1	lime & shells	756
3	oil sand	759 brown ok bleeding
10	silty shale	769
37	shale	806 TD

Drilled a 12" hole to 21.6'.

Drilled a 5 5/8" hole to 806'.

Set 21.6' of 8 5/8" surface casing cemented with 7 sacks of cement

Set 796.4' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.



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