



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.

Finkenbinder #4-IWU

API #15-003-26,415

January 10 - January 12, 2015

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
21	soil & clay	21
5	clay & gravel	26
97	shale	123
26	lime	149
69	shale	218
11	lime	229
6	shale	235
36	lime	271
5	shale	276
20	lime	296
3	shale	299
24	lime	323 base of the Kansas City
173	shale	496
4	lime	500
6	shale	506
4	lime	510 oil show
8	shale	518
8	oil sand	526 green, good bleeding
7	shale	533
1	coal	534
2	shale	536
20	oil sand	556 green, good bleeding
4	shale	560
2	coal	562
5	shale	567
6	lime	573
5	shale	578
2	lime	580
6	shale	586
4	lime	590
74	shale	664
3	limey sand	667 green & white, no oil
1	broken sand	668 brown & green, good bleeding
1	oil sand	669 brown, good bleeding
2	broken sand	671 brown & green, good bleeding
3	broken sand	674 brown & green, light oil show
26	shale	700 TD

Drilled a 9 7/8" hole to 46.3'

Drilled a 5 5/8" hole to 700'

Set 46.3' of 7" surface casing with 10 sacks of cement.

Set 695.2' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.