



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 #1-IWU

API #15-003-26,406

January 5-January 6, 2015

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18	soil & clay	18
4	clay & gravel	22
99	shale	121
27	lime	148
2	shale	150
2	lime	152
64	shale	216
11	lime	227
6	shale	233
34	lime	267
6	shale	273
21	lime	294
3	shale	297
21	lime	318 base of the Kansas City
176	shale	494
5	lime	499
3	shale	502
17	lime	519
16	oil sand	535 green, good bleeding
1	coal	536
2	shale	538
16	oil sand	554 green, good bleeding
4	shale	558
2	coal	560
4	shale	564
8	lime	572
4	shale	576
3	lime	579
7	shale	586
2	lime	588
24	shale	612
4	lime	616
47	shale	663
2	limey sand	665
3.5	broken oil sand	668.5
3	broken sand	671.5
24.5	shale	696 TD

Drilled a 9 7/8" hole to 23.5'

Drilled a 5 5/8" hole to 696'

Set 23.5' of 7" surface casing with 6 sacks of cement.

Set 690.5' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
666	1	44
667		51
668		56
669		40
670		38
671		44
672		46
673		46
674		52
675		52
676		58
677	1	8
678		41