



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling**  
**Water Wells**  
**Geo-Loop Installation**

Phone: 913-557-9083

Fac: 913-557-9084

**WELL LOG**

Tailwater, Inc.

West Whiteside #7-T

API#15-003-26,053

December 4 - December 5, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
33	lime	33
127	shale	160
26	lime	186
13	shale	199
6	lime	205
45	shale	250
12	lime	262
6	shale	268
32	lime	300
8	shale	308
18	lime	326
3	shale	329
22	lime	351 base of the Kansas City
173	shale	524
2	lime	526
6	shale	531
7	lime	538 oil show
7	shale	545
15	broken sand	560 brown & green, light show
1	coal	561
17	sand	578 grey, no oil show
7	oil sand	585 green light bleeding
5	broken sand	590 brown grey light bleeding
2	coal	592
23	shale	615
4	lime	619
17	shale	636
8	lime	644
18	shale	662
2	lime	664
3	shale	667
1	coal	668
9	shale	677
2	lime	679
12	shale	691
1	sand	692 brown & green, oil odor
1	broken sand	693 brown & green, no bleeding
1.2	oil sand	694.2 brown, a few bleeding seams

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1.8	silty shale	696
35	shale	731 TD

Drilled a 9 7/8" hole to 23.7'.

Drilled a 5 5/8" hole to 731'.

Set 23.7' of 7" surface casing cemented with 6 sacks of cement.

Set 721.4' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.

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	Core Sample	
	<u>Minutes</u>	<u>Seconds</u>
695	1	4
696		50
697	1	2
698		50
699		51
700	1	23
701	1	41
702	1	7
703	1	36
704	1	46
705	1	22

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