



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.

West Whiteside #8-T

API#15-003-26,054

December 6 - December 10, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
34	lime	34
125	shale	159
26	lime	185
12	shale	197
6	lime	203
46	shale	249
10	lime	259
4	shale	263
30	lime	293
11	shale	304
19	lime	323
3	shale	326
23	lime	349 base of the Kansas City
172	shale	521
3	lime	524
5	shale	529
7	lime	536 oil show
8	shale	544
12	broken sand	556 brown & green, light show
5	shale	561
1	coal	562
2	shale	564
7	silty shale	571
11	sand	582 grey no oil
2	shale	584
2	coal	586
4	shale	590
8	lime	598
13	shale	611
4	lime	615
17	shale	632
8	lime	640
33	shale	673
3	lime	676
11	shale	687
2	sand	689 green, no oil show
1	broken sand	690 brown & green good bleeding
3	oil sand	693 brown good bleeding

1.5	limey sand	694.5	brown & white good bleeding
0.5	broken sand	695	brown & green thin oil seams
31	shale	726	
1	lime & shells	727	
4	oil sand	731	brown light bleeding
11	silty shale	742	TD

Drilled a 9 7/8" hole to 22.9'.

Drilled a 5 5/8" hole to 742'.

Set 22.9' of 7" surface casing cemented with 6 sacks of cement

Set 732' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.

	Core Sample	
	<u>Minutes</u>	<u>Seconds</u>
691	1	33
692	1	30
693	1	6
694	1	42
695		50
696	1	2
697	1	25
698		56
699	1	30
700	1	44