



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 #4-T

API#15-003-26,050

November 29 - December 3, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
9	soil & clay	9
121	shale	130
27	lime	157
65	shale	222
10	lime	232
6	shale	238
31	lime	269
7	shale	276
20	lime	296
3	shale	299
22	lime	321 base of the Kansas City
174	shale	495
2	lime	497
3	shale	500
10	lime	510 oil show
7	shale	517
10	sand	527 green, no oil
5	broken sand	532 brown & green, no bleeding
1	coal	533
5	shale	538
5	broken sand	543 brown & green, ok bleeding
17	oil sand	560 brown ok bleeding
1	shale	561
1	coal	562
25	shale	587
4	lime	591
20	shale	611
12	lime	623
44	shale	667
3	broken sand	670 brown & green 40% bleeding
3.5	broken sand	673.5 brown & grey, no bleeding
30.5	shale	704
4	oil sand	708
1	broken sand	709
11	shale	720 TD

Drilled a 9 7/8" hole to 22.6'.

Drilled a 5 5/8" hole to 720'.

Set 22.6' of 7" surface casing cemented with 6 sacks of cement

This well was plugged by Consolidated Well Service

Core Times		
	<u>Minutes</u>	<u>Seconds</u>
668		52
669	1	3
670		53
671		47
672	1	5
673	1	9
674	1	2
675	1	23
676	1	26
677	1	27
678	1	18
679	1	16
680	1	34
681	1	21
682	1	20
683	1	25