



VANS

ENERGY

DEVELOPMENT

INC.

11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling

Water Wells

Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Tailwater, Inc.

Wttman # 5-IW (S16)

API#15-003-25.342

October 10 - October 11, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
96	shale	110
35	lime	145
20	shale	165
4	lime	169
46	shale	215
10	lime	225
6	shale	231
36	lime	267
4	shale	271
23	lime	294
3	shale	297
16	lime	313 base of the Kansas City
170	shale	483
3	lime	486
5	shale	491
8	lime	499 oil show
12	shale	511
10	oil sand	521 green, ok bleeding
1	coal	522
10	shale	532
15	oil sand	547 green, good bleeding
1	coal	548
3	shale	551
9	lime	560
13	shale	573
6	lime	579
21	shale	600
12	lime	612
79	shale	691
1	lime & shells	692
7	oil sand	699 brown, good bleeding
3	broken sand	702 brown & grey, good bleeding
4	shale	706
4	sand	710 black, no oil show
23	shale	733
26	broken sand	759 brown & grey, no oil show
		759 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 759'

Set 21' of 7" surface casing cemented with 6 sacks of cement.

Set 749.3' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

