



**VANS
ENERGY
DEVELOPMENT
INC.**

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.

Pedrow #26-T

API#15-003-25,637

October 22 - October 23, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
2	soil & clay	2
3	clay & gravel	5
77	shale	82
27	lime	109
68	shale	177
10	lime	187
8	shale	195
34	lime	229
7	shale	236
22	lime	258
3	shale	261
24	lime	285 base of the Kansas City
170	shale	455
3	lime	458
12	shale	470
8	lime	478 oil show
8	shale	486
12	oil sand	498 green, ok bleeding
14	shale	512
15	broken sand	527 grey & green sand, no oil show
1	coal	528
7	shale	535
6	lime	541
15	shale	556
8	lime	564
33	shale	597
7	lime	604
30	shale	634
6	broken sand	640 brown & green, ok bleeding
34	shale	674
1	lime & shells	675
6	oil sand	681 brown, good bleeding
6	shale	687
4	sand	691 black, no oil show
30	shale	721
3	broken sand	724 brown & grey, ok bleeding
37	shale	761
2	oil sand	763 brown, ok bleeding

2	silty shale	765
1	broken sand	766 brown & grey, light bleeding
5	shale	771
5	broken sand	776 brown & grey, light bleeding
3	shale	779
4	broken sand	783 brown & grey, good bleeding
30	silty shale	813
9	oil sand	822 brown, ok bleeding
71	shale	893 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 893'

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

Set 883.3' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

