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 Date: August 20, 2014 7:19:50 AM CDT
 To: <sbmartin@coxinet.net>
 Subject: **North Kempnich #17-IWU**
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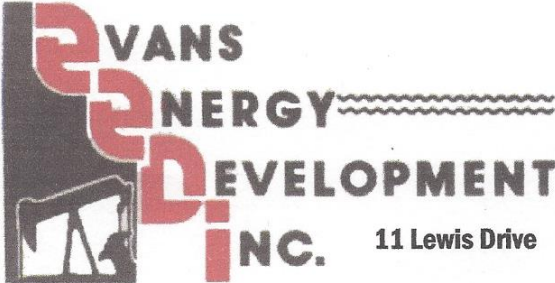
Please find attached the North Kempnich #17-IWU well log.

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Oil & G
Water I
Geo-Lo

P
F

WELL LOG
 Tailwater, Inc.
 North Kempnich #17-IWU
 API #15-003-26,241
 August 18 - August 19, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
4	clay & gravel	12
95	shale	107
24	lime	131
49	shale	180
12	lime	192
5	shale	197
22	lime	222

30	lime	230
6	shale	239
40	lime	279
3	shale	282
22	lime	304 base of the Kansas C
43	shale	347
12	sand	359 grey, no oil
124	shale	483
2	lime	485
7	shale	492
6	lime	498 oil show
24	shale	522
1	coal	523
1	shale	524
16	oil sand	540 green, ok bleeding
6	shale	546
1	coal	547
6	shale	553
6	lime	559
6	shale	565
2	lime	567
6	shale	573
5	lime	578
19	shale	597
10	lime	607
45	shale	652
1	limey sand	653 white & grey, no oil
5	broken sand	658 brown & green, ok bl
25	shale	683 TD

Drilled a 9 7/8" hole to 21.7'

Drilled a 5 5/8" hole to 683'

Set 21.7' of 7" surface casing threaded and coupled cemented with 5 sacks of cement.

Set 678' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.