

664From: "Evans Energy Development Incorporated"
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 Date: November 7, 2014 7:00:01 AM CST
 To: <sbmartin@coxinet.net>
 Subject: **South Kempnich # 19-IWU**
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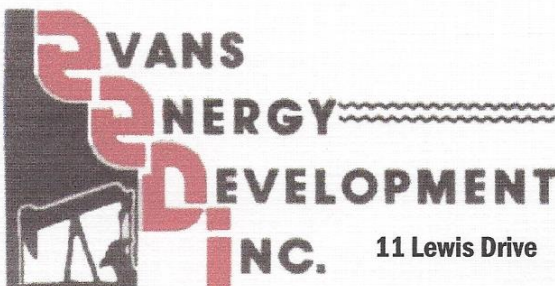
Please find attached the well logs for South Kempnich # 19-IWU

Vicki Kemplay

Office Manager



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**Oil & Gas
 Water V
 Geo-Lo**

11 Lewis Drive Paola, KS 66071

WELL LOG
 Tailwater, Inc.
 South Kempnich # 19-IWU
 API #15-003-26,390
 November 5 - November 6, 2014

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u> |
|----------------------------|------------------|--------------|
| 5 | soil & clay | 5 |
| 4 | clay & gravel | 9 |
| 78 | shale | 87 |
| 27 | lime | 114 |
| 69 | shale | 183 |
| 7 | lime | 190 |
| 53 | shale | 243 |
| 20 | lime | 263 |

| | | |
|-----|-------------|---------------------------|
| 20 | lime | 200 |
| 1 | shale | 264 |
| 23 | lime | 287 base of the Kansas C |
| 175 | shale | 462 |
| 3 | lime | 465 |
| 7 | shale | 472 |
| 7 | lime | 479 |
| 16 | shale | 495 |
| 4 | oil sand | 499 green, light oil show |
| 1 | shale | 500 |
| 1 | coal | 501 |
| 2 | shale | 503 |
| 21 | oil sand | 524 green, good bleeding |
| 3 | shale | 527 |
| 2 | coal | 529 |
| 6 | shale | 535 |
| 5 | lime | 540 |
| 16 | shale | 556 |
| 4 | lime | 560 |
| 23 | shale | 583 |
| 7 | lime | 590 |
| 13 | shale | 603 |
| 6 | lime | 609 |
| 30 | shale | 639 |
| 1 | limey sand | 640 |
| 7 | broken sand | 647 |
| 17 | shale | 664 TD |

Drilled a 9 7/8" hole to 22.6'

Drilled a 5 5/8" hole to 664'

Set 22.6' of 7" surface casing with 5 sacks of cement.

Set 659' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp