

# TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4

Paola, Kansas 66071

WELL #NW-7

Farm: Gage

Douglas County, Ks.

Lease Owner: TOWN OIL CO.

COPY

## WELL LOG

| Thickness<br>of Strata | Formation     | Total<br>Depth |
|------------------------|---------------|----------------|
| 0-2                    | soil          | 2              |
| 36                     | sand          | 38             |
| 3                      | lime          | 41             |
| 15                     | shale         | 56             |
| 18                     | lime          | 74             |
| 5                      | shale & slate | 79             |
| 8                      | lime          | 87             |
| 13                     | shale         | 99             |
| 19                     | lime          | 118            |
| 14                     | sand          | 132            |
| 20                     | sandy shale   | 152            |
| 33                     | lime          | 185            |
| 39                     | shale         | 224            |
| 11                     | lime          | 235            |
| 3                      | shale         | 238            |
| 8                      | lime          | 246            |
| 13                     | shale         | 259            |
| 8                      | limeshells    | 267            |
| 9                      | lime          | 276            |
| 21                     | shale         | 297            |
| 10                     | lime          | 307            |
| 6                      | shale         | 313            |
| 34                     | lime          | 347            |
| 9                      | shale & slate | 356            |
| 23                     | lime          | 379            |
| 5                      | shale & slate | 384            |
| 5                      | lime          | 389            |
| 3                      | shale & slate | 397            |
| 7                      | lime          | 399            |
| 6                      | shale         | 405            |
| 6                      | sand          | 411            |
| 124                    | sandy shale   | 535            |
| 4                      | shale shells  | 539            |
| 5                      | shale         | 544            |
| 3                      | shale shells  | 547            |
| 17                     | shale         | 564            |
| 6                      | lime          | 570            |
| 7                      | shale shells  | 577            |
| 2                      | slate         | 579            |
| 5                      | shale         | 584            |
| 8                      | lime          | 591            |
| 6                      | shale shells  | 597            |
| 2                      | shale         | 599            |
| 2                      | lime          | 601            |
| 2                      | shale         | 603            |
| 3                      | slate         | 606            |
| 7                      | shale shells  | 613            |
| 4                      | lime          | 617            |

continued

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527377

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WELL LOG (GAGE #NW-7)  
(continued)

17  
5  
2  
8  
2  
2  
2  
7  
4  
7  
2  
4  
41

|              |          |
|--------------|----------|
| shale        | 634      |
| shale shells | 639      |
| lime         | 641      |
| shale shells | 649      |
| lime         | 651      |
| shale        | 653      |
| lime         | 655      |
| shale        | 662      |
| sand         | 666      |
| sand         | 673      |
| sand         | 675      |
| sand & shale | 679      |
| shale        | 720 T.D. |

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