

WELL LOG BUREAU — KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk. Bldg., Wichita, Kansas

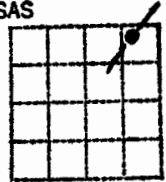
36-19-5E

Company - LIGGETT & TRUED  
Farm - Weise No. 3

SEC. 36 T. 19 R. 5 E  
NW NE NE

Total Depth. 1121'  
Comm. 11-14-44 Comp. 3-7-45  
Shot or Treated.  
Contractor. H. A. Amerine et al  
Issued. 4-21-45

County. Marion  
KANSAS



CASING:  
10" 165' 5 1/2" 1070'  
8" 675'  
7" 770'

Elevation. \_\_\_\_\_

Production. Dry

Figures Indicate Bottom of Formations.

|                        |     |                              |      |
|------------------------|-----|------------------------------|------|
| mud                    | 10  | lime H                       | 810  |
| lime H                 | 35  | shale                        | 820  |
| shale H                | 40  | shale sand                   | 825  |
| lime H                 | 45  | lime                         | 830  |
| shale H wtr            | 61  | shale                        | 835  |
| lime flint H           | 83  | lime                         | 840  |
| shale S                | 95  | shale                        | 850  |
| red rock H             | 102 | lime                         | 865  |
| lime H                 | 108 | shale                        | 880  |
| shale S                | 135 | lime                         | 885  |
| red rock               | 137 | shale                        | 915  |
| lime                   | 155 | lime                         | 935  |
| shale                  | 165 | shale                        | 970  |
| lime                   | 185 | lime                         | 975  |
| shale                  | 190 | shale                        | 977  |
| red rock               | 195 | lime                         | 994  |
| shale lime             | 210 | shale                        | 1038 |
| shale                  | 255 | lime & shale                 | 1060 |
| lime                   | 265 | reduced hole to 5 3/16       | 1066 |
| shale                  | 280 | shale                        | 1075 |
| lime shale             | 310 | shy lime                     | 1090 |
| red rock               | 340 | gas 1090                     |      |
| shale                  | 350 | shale                        | 1100 |
| lime                   | 360 | shale                        | 1121 |
| shale                  | 365 | Total Depth.                 |      |
| lime                   | 380 |                              |      |
| shale                  | 385 |                              |      |
| lime                   | 390 | Estimated flow 300,000 cu ft |      |
| shale                  | 395 | good quality gas             |      |
| lime                   | 410 | Formation carrying a large   |      |
| shale                  | 415 | amt. of wtr.                 |      |
| lime                   | 420 | Will be plugged.             |      |
| shale                  | 440 |                              |      |
| lime                   | 465 |                              |      |
| shale & shells         | 475 |                              |      |
| shale                  | 480 |                              |      |
| lime                   | 485 |                              |      |
| shale lime             | 505 |                              |      |
| red rock               | 510 |                              |      |
| shale                  | 520 |                              |      |
| lime H                 | 525 |                              |      |
| shale & shells         | 545 |                              |      |
| shale                  | 555 |                              |      |
| red rock               | 560 |                              |      |
| shale                  | 580 |                              |      |
| red rock               | 590 |                              |      |
| shale                  | 600 |                              |      |
| red rock               | 605 |                              |      |
| shale                  | 620 |                              |      |
| shale sand (sh of gas) | 630 |                              |      |
| wtr. HFW               |     |                              |      |
| shale                  | 675 |                              |      |
| lime                   | 700 |                              |      |
| shale                  | 720 |                              |      |
| shale & shells         | 735 |                              |      |
| lime                   | 745 |                              |      |
| shale                  | 770 |                              |      |
| lime H                 | 780 |                              |      |
| shale & shells         | 795 |                              |      |
| shale                  | 805 |                              |      |

Gas show