

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
 Union National Bank Bldg, Wichita, Kansas.

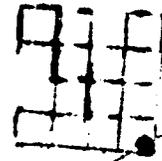
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GARDEN CITY OIL & GAS CO.  
 Wrightsman No. 1.

SEC. 35 T. 21 R. 30W.  
 Sec SE.  
 18 miles N. of Garden City.

Total Depth. 2842.  
 Comm. 2-24-24 Comp. 10-29-24  
 Shot or Treated,  
 Contractor,  
 Issued.

County. Finney.



CASING.

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

|                         |      |                        |      |
|-------------------------|------|------------------------|------|
| soil                    | 12   | shale red              | 1513 |
| lime hard               | 16   | sand                   | 1710 |
| lime soft white         | 70   | sand red               | 1740 |
| lime soft Niobrara lime | 96   | sand                   | 1785 |
| shale Carlisle shale    | 295  | red rock               | 2046 |
| lime                    | 318  | oil sand               | 2055 |
| shale                   | 340  | sdv lime               | 2060 |
| lime Greerhore          | 396  | sand soft white        | 2100 |
| shale and lime          | 454  | shale white            | 2102 |
| lime                    | 460  | red rock               | 2245 |
| shale Granerous shale   | 515  | present depth of pipe. |      |
| water sand              | 527  | red rock               | 2280 |
| shale                   | 550  | red sand               | 2690 |
| sand                    | 565  | shale blk              | 2752 |
| shale Dakota            | 584  | sdv shale              | 2762 |
| sand                    | 598  | sand                   | 2802 |
| shale white             | 618  | shale blk              | 2842 |
| sand white              | 644  | Total Depth.           |      |
| shale blk               | 654  |                        |      |
| sand                    | 667  |                        |      |
| lime                    | 677  |                        |      |
| shale red               | 692  |                        |      |
| shale brown             | 732  |                        |      |
| shale                   | 747  |                        |      |
| lime                    | 752  |                        |      |
| water sand              | 810  |                        |      |
| lime                    | 820  |                        |      |
| shale                   | 827  |                        |      |
| sand                    | 844  |                        |      |
| lime                    | 852  |                        |      |
| slate Comanche          | 874  |                        |      |
| red rock Kiowa          | 880  |                        |      |
| slate blk               | 956  |                        |      |
| shale                   | 1030 |                        |      |
| sand                    | 1055 |                        |      |
| shale                   | 1062 |                        |      |
| sand                    | 1080 |                        |      |
| shale                   | 1089 |                        |      |
| slate Cheyenne          | 1092 |                        |      |
| lime                    | 1099 |                        |      |
| sand                    | 1106 |                        |      |
| shale                   | 1135 |                        |      |
| sand salt water         | 1151 |                        |      |
| shale                   | 1155 |                        |      |
| sand salt water         | 1224 |                        |      |
| good showing of oil     |      |                        |      |
| lime                    | 1228 |                        |      |
| shale red               | 1231 |                        |      |
| red rock hard           | 1245 |                        |      |
| shale red               | 1430 |                        |      |
| shale                   | 1435 |                        |      |
| shale red               | 1440 |                        |      |
| sand red                | 1446 |                        |      |

GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

LOG OF WELL

Company Garden City Oil & Gas Farm \_\_\_\_\_ Well No. \_\_\_\_\_  
 State Kansas County Finney <sup>S.W. 1/4 of the S.W. 1/4</sup> S. 35 T. 21 R. 30-N  
 Commenced Drilling \_\_\_\_\_ Completed \_\_\_\_\_ Elev. \_\_\_\_\_  
 Shot \_\_\_\_\_ Qts. from \_\_\_\_\_ to \_\_\_\_\_ I. P. \_\_\_\_\_ R. P. \_\_\_\_\_  
 Casing: \_\_\_\_\_ Casing: \_\_\_\_\_ Casing: \_\_\_\_\_  
 Casing: \_\_\_\_\_ Casing: \_\_\_\_\_ Casing: \_\_\_\_\_  
 Tubing \_\_\_\_\_ Caged at \_\_\_\_\_ Packer at \_\_\_\_\_  
 Contractor \_\_\_\_\_

|            |      |                       |      |
|------------|------|-----------------------|------|
| soil       | 4    | slate                 | 1092 |
| limestone  | 16   | lime                  | 1090 |
| limestone  | 70   | sand                  | 1108 |
| lime       | 96   | shale                 | 1135 |
| shale      | 295  | sand                  | 1151 |
| lime       | 318  | shale                 | 1155 |
| shale      | 340  | sand & lit #          | 1224 |
| lime       | 398  | Good show of oil      |      |
| shale      | 454  | lime                  | 1228 |
| lime       | 480  | red shale             | 1231 |
| shale      | 515  | red rock              | 1245 |
| shale      | 550  | red shale             | 1430 |
| sand       | 565  | shale                 | 1435 |
| shale      | 584  | red sand              | 1440 |
| sand       | 598  | red shale             | 1445 |
| shale      | 618  | red shale             | 1513 |
| sand       | 644  | sand                  | 1710 |
| shale      | 654  | red sand              | 1740 |
| sand       | 667  | sand                  | 1785 |
| lime       | 677  | red rock              | 2040 |
| red shale  | 692  | oil sand              | 2055 |
| shale      | 732  | sandy lime            | 2060 |
| shale      | 747  | soft sand             | 2100 |
| lime       | 752  | shale                 | 2102 |
| water sand | 810  | red rock              | 2280 |
| lime       | 820  | red sand              | 2625 |
| shale      | 827  | slate                 | 2750 |
| sand       | 844  | sandy shale           | 2760 |
| lime       | 852  | sand 'water'          | 2800 |
| slate      | 874  | Top of Pennsylvanian. |      |
| red rock   | 880  | black shale           | 2840 |
| slate      | 956  |                       |      |
| shale      | 1030 |                       |      |
| sand       | 1055 |                       |      |
| shale      | 1062 |                       |      |
| sand       | 1080 |                       |      |
| shale      | 1089 |                       |      |

THE UNIVERSITY OF MICHIGAN  
 DEPARTMENT OF MINING AND METALLURGY

**LOCATION**

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

.....Ft. from North Line of qr. sec.

.....Ft. from South Line of qr. sec.

.....Ft. from East Line of qr. sec.

.....Ft. from West Line of qr. sec.

**TEST**

|                        |  |                |              |                              |
|------------------------|--|----------------|--------------|------------------------------|
| <b>Through</b>         | <b>Pitot Tube Test of ..... 192.....</b> |                |              |                              |
|                        | <b>Used</b>                              | <b>Mercury</b> | <b>Water</b> | <b>..... 192.....</b>        |
| <b>..... In Tubing</b> | <b>Reading</b>                           |                |              | <b>Open Gauge Test Shows</b> |
| <b>..... In Casing</b> | <b>Vol.Cu.Ft.</b>                        |                |              | <b>..... Lbs.</b>            |