

33-33-64

GEOLOGICAL DEPARTMENT  
SOUTHWESTERN GAS COMPANY

Gift of  
W. E. Stryker Estate  
State Geological Survey of Kansas  
1970

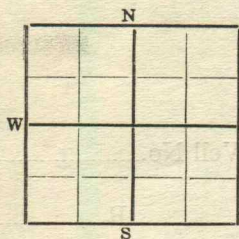
INDEPENDENCE, KANSAS

## LOG OF WELL

Company Trees Bros. & Temple Syndicate Farm Frank Esch Well No. 1  
State Kansas County Cowley S. 33 T. 33 R. 6  
Commenced Drilling \_\_\_\_\_ Completed \_\_\_\_\_ Elev. \_\_\_\_\_  
Shot 130 Qts. from 2950 to 2975 I. P. 3 bbls. natural R. P. \_\_\_\_\_  
Casing: 45' 20" Casing: \_\_\_\_\_ Casing: \_\_\_\_\_  
Casing: \_\_\_\_\_ Casing: \_\_\_\_\_ Casing: \_\_\_\_\_  
Tubing \_\_\_\_\_ Caged at \_\_\_\_\_ Packer at \_\_\_\_\_  
Contractor \_\_\_\_\_

|                |              |                |                          |
|----------------|--------------|----------------|--------------------------|
| soil           | 25           | slate          | 1215                     |
| gravel cave    | 35 water     | lime           | 1220                     |
| slate red      | 45           | slate          | 1225                     |
| lime           | 55 little    | sand           | 1245 HFW                 |
| lime           | 60 gas       | slate          | 1285                     |
| lime           | 85           | lime           | 1295                     |
| slate          | 100          | slate & shells | 1360 dry cave            |
| red rock       | 130          | mud            | 1380                     |
| lime           | 160 water    | red rock       | 1395                     |
| shale          | 260 150      | slate          | 1400                     |
| lime           | 280          | sand           | 1410 $\frac{1}{2}$ M gas |
| slate          | 300          | lime           | 1510                     |
| shale          | 360          | slate & shells | 1710                     |
| slate          | 400          | sand           | 1755 HFW 1740            |
| lime           | 430 gas      | slate          | 1865                     |
| sand & shale   | 445 8 M. gas | sand           | 1900                     |
| sand           | 535 440-60   | slate          | 1910                     |
| slate          | 610          | sand           | 1915                     |
| lime           | 6325 (625)   | sand           | 1945 HFW                 |
| slate          | 675          | slate          | 2000                     |
| lime           | 705          | sand           | 2050 HFW                 |
| slate          | 720          | slate          | 2065                     |
| lime           | 725          | sand           | 2105                     |
| slate          | 800          | slate          | 2140 HFW                 |
| lime           | 810          | sand           | 2200                     |
| slate          | 840          | lime           | 2220                     |
| lime           | 855          | slate          | 2315                     |
| slate & shells | 955          | sand           | 2380                     |
| lime           | 975          | slate          | 2400                     |
| slate          | 1025         | lime           | 2560                     |
| lime           | 1055         | sand           | 2570 little show         |
| slate          | 1085 cave    | lime           | 2590 oil                 |
| lime           | 1095         | slate          | 2600                     |
| slate          | 1130         | slate lime     | 2690 (over)              |
| lime           | 1150         |                |                          |
| sand           | 1195         |                |                          |

003595



# 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.

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# TEST

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

|             |      |
|-------------|------|
| slate       | 2750 |
| lime        | 2760 |
| slate       | 2940 |
| lime        | 2945 |
| shale       | 2950 |
| sand & lime | 2963 |
| sand        | 2973 |