

## UNION NATIONAL BANK BLDG, WICHITA, KANSAS

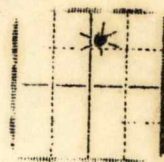
Location SW NW NE

Sec. 12 T. 32 R. 6E.

## Casing Record

County- Cowley.

20" 10" Farm- Mary R. Manser No. 1  
 15 1/8" 8 1/4" Company- Trees Oil Co.  
 12 1/2" 65/8" Contr.-  
 53/16" Comm.- 2/19/29. Comp.- 4/3/29.  
 Total Depth 2451'. Shot Quarts Between  
 Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations.  
 Date Issued. 4/27/1929.

Elevation  
 Initial Production 1 1/4 M. Gas.

| Formation     | Depth | Formation     | Depth |
|---------------|-------|---------------|-------|
| cellar        | 8     | lime          | 1155  |
| clay          | 15    | shale         | 1175  |
| lime 3 BW     | 25    | lime          | 1180  |
| gravel        | 30    | shale         | 1185  |
| shale         | 35    | lime          | 1210  |
| sand          | 40    | shale         | 1215  |
| lime          | 60    | lime          | 1235  |
| shale         | 70    | shale         | 1275  |
| red rock      | 73    | lime          | 1284  |
| lime          | 90    | sand HFW      | 1294  |
| shale         | 105   | sandy lime    | 1305  |
| lime          | 130   | shale         | 1410  |
| slate         | 135   | lime          | 1415  |
| lime          | 190   | shale         | 1430  |
| slate         | 195   | red rock cave | 1440  |
| red rock      | 210   | shale sandy   | 1475  |
| lime          | 265   | shale         | 1480  |
| shale         | 270   | lime          | 1485  |
| lime 1 BW 325 | 380   | shale         | 1515  |
| slate         | 385   | red rock cave | 1520  |
| lime          | 400   | shale cave    | 1500? |
| slate         | 435   | lime          | 1565  |
| lime          | 440   | shale         | 1700  |
| shale shelly  | 495   | lime          | 1705  |
| lime          | 500   | shale         | 1765  |
| shale shelly  | 520   | sand HFW      | 1805  |
| lime          | 530   | shale         | 1810  |
| slate         | 600   | sand          | 1817  |
| lime          | 605   | shale         | 1825  |
| slate         | 660   | sand          | 1845  |
| lime          | 665   | slate SLM     | 1855  |
| shale         | 675   | lime          | 1865  |
| shells        | 690   | shale         | 1885  |
| lime          | 700   | lime          | 1920  |
| shells        | 715   | shale         | 1923  |
| lime          | 740   | lime          | 1935  |
| shale         | 745   | shale         | 1940  |
| lime          | 750   | lime          | 1965  |
| shale         | 800   | shale         | 2111  |
| shells        | 815   | lime          | 2114  |
| lime          | 820   | shale         | 2165  |
| shells        | 830   | sand HFW 2245 | 2265  |
| shale shelly  | 850   | lime          | 2290  |
| shelly lime   | 875   | shale         | 2295  |
| lime          | 910   | lime          | 2340  |
| shale         | 920   | slate         | 2342  |
| lime          | 925   | lime          | 2405  |
| shale         | 945   | slate         | 2428  |
| sand 3 BW     | 970   | sand Gas      | 2451  |
| shale         | 1015  |               |       |
| lime          | 1040  | TD            | 2451' |
| sandy lime    | 1065  |               |       |
| lime          | 1070  |               |       |
| shale         | 1075  |               |       |
| lime          | 1095  |               |       |
| shale         | 1100  |               |       |
| lime          | 1120  |               |       |
| shale         | 1130  |               |       |