

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

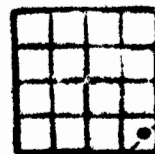
*Plotted*  
*Am*

ATLANTIC REFG. CO., VIRGINIA DRLG CO. INC.  
AND P.M. POLHAMUS.  
Craig No. 1.

SEC. 8 T. 11 R. 16W.  
C<sup>1</sup><sub>2</sub> SE SE

Total Depth. 3470  
Comm. 11-4-39 Comp. 12-10-39  
Shot or Treated.  
Contractor. Virginia Drlg. Co. Inc.  
Issued. 12-30-39

County Ellis.



CASING.  
12 $\frac{1}{2}$ " 190'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

|                    |      |                   |      |                         |
|--------------------|------|-------------------|------|-------------------------|
| shale and clay     | 115  | lime              | 2360 | Top Dakota 260          |
| sand               | 125  | shale and lime    | 2457 | Top Red Beds 720        |
| shale and shells   | 425  | sticky shale      | 2477 | Top Anhydrite 1008      |
| sand and shells    | 500  | shale and lime    | 2505 | Base Anhydrite 1070     |
| shale and shells   | 580  | shale             | 2605 | Base Salt 1630          |
| shale              | 590  | shale and shells  | 2638 | Top Ft. Riley 1870      |
| shale and lime     | 600  | shale and lime    | 2645 | Top Kansas City 3074    |
| shale              | 620  | shale             | 2655 | Base Kansas City 3300   |
| shaly shale        | 650  | shale and shells  | 2733 | Top Conglomerate 3352   |
| shale              | 670  | shale             | 2746 | Base Conglomerate 3415  |
| red rock and shale | 720  | lime broken       | 2753 | Top Simpson 3415        |
| red bed            | 800  | shale             | 2761 | Base Simpson 3456       |
| red rock           | 1020 | lime broken       | 2782 | Top Arbuckle lime 3456  |
| anhydrite          | 1057 | lime              | 2790 | Base Arbuckle lime 3470 |
| shale and iron     | 1065 | red rock & shale  | 2800 |                         |
| shale              | 1075 | lime              | 2820 |                         |
| lime and shale     | 1090 | shale             | 2835 |                         |
| red rock           | 1137 | lime              | 2875 |                         |
| shale and shells   | 1190 | shale             | 2898 |                         |
| broken lime        | 1220 | lime              | 2930 |                         |
| shale              | 1300 | lime and shale    | 2944 |                         |
| shale and shells   | 1360 | shale             | 2955 |                         |
| red rock           | 1365 | lime              | 2986 |                         |
| shale and shells   | 1400 | red rock          | 2990 |                         |
| salt and shells    | 1435 | lime              | 3008 |                         |
| shale and shells   | 1455 | shale             | 3027 |                         |
| salt and shells    | 1520 | lime and shale    | 3078 |                         |
| shale              | 1535 | lime              | 3099 |                         |
| salt               | 1590 | cherty lime       | 3110 |                         |
| red rock           | 1605 | lime              | 3178 |                         |
| lime and shale     | 1708 | lime rough & hard | 3182 |                         |
| lime brown         | 1719 | lime and shale    | 3189 |                         |
| shale and lime     | 1735 | lime              | 3198 |                         |
| lime               | 1770 | lime and chert    | 3218 |                         |
| red rock           | 1780 | lime and shale    | 3238 |                         |
| lime               | 1835 | lime              | 3286 |                         |
| red rock           | 1858 | lime and shale    | 3352 |                         |
| lime               | 1919 | conglomerate      | 3415 |                         |
| iron               | 1927 | Simpson           | 3456 |                         |
| lime               | 1930 | Arbuckle lime     | 3470 |                         |
| lime grey          | 1952 | Total Depth.      |      |                         |
| shale and lime     | 1968 |                   |      |                         |
| lime               | 1985 |                   |      |                         |
| red rock and shale | 2003 |                   |      |                         |
| shale and lime     | 2037 |                   |      |                         |
| lime hard          | 2060 |                   |      |                         |
| shale              | 2090 |                   |      |                         |
| lime               | 2150 |                   |      |                         |
| shale              | 2174 |                   |      |                         |
| lime               | 2195 |                   |      |                         |
| red rock           | 2210 |                   |      |                         |
| lime               | 2283 |                   |      |                         |
| shale              | 2290 |                   |      |                         |
| lime               | 2320 |                   |      |                         |
| shale              | 2330 |                   |      |                         |