

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock,  
Wichita, Kansas

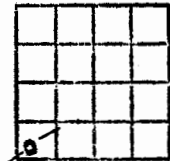
13-1-20W

Company- K & E DRILLING, INC.  
Farm- Woodruff No. 1

SEC. 13 T. 1 R. 20W  
SW SW SW

Total Depth. 3624  
Comm. 12-18-51 Comp. 12-29-51  
Shot or Treated.  
Contractor.  
Issued. 2-2-52

County Phillips  
KANSAS



CASING:  
8 5/8" 202' cem. w/140' ex.

Elevation. 2069  
2080 ft. Snd.

Production. Dry

Figures Indicate Bottom of Formations.

|                     |      |
|---------------------|------|
| clay & sand         | 175  |
| shale               | 202  |
| shale & shale       | 400  |
| shale & shells      | 1030 |
| sand, shells, shale | 1395 |
| shale & shell       | 1910 |
| anhyd. brkn         | 1965 |
| shale & shells      | 2280 |
| lime & shale        | 2485 |
| shale & lime shells | 2645 |
| shale & lime        | 2735 |
| shale & lime brkn   | 2843 |
| shale & shells      | 3130 |
| lime & shale        | 3372 |
| lime & cherty       | 3415 |
| lime                | 3500 |
| lime, hrd           | 3530 |
| lime & shale        | 3545 |
| lime                | 3575 |
| shale sdy           | 3608 |
| lime                | 3624 |
| Total Depth         |      |

|             |      |
|-------------|------|
| Tops: Scout |      |
| Heebner     | 3310 |
| Lansing     | 3336 |