

31-26-34W

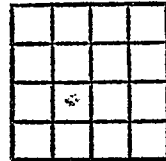
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- HELMERICH & PAYNE, INC.  
Farm- USA "A" No. 15

SEC. 31 T. 26 R. 34W  
C NE SW

Total Depth. 5210'  
Comm. 4-25-60 Comp. 5-10-60  
Shot or Treated.  
Contractor. Helmerich & Payne, Inc.  
Issued. 7-30-60

County Finney  
KANSAS



CASING:

Elevation. 3039' DF

8 5/8" 793' w/300 sx cem.  
5 1/2" 5210' w/300 sx cem.

Production. 149 BOPD

Figures Indicate Bottom of Formations.

|                    |      |
|--------------------|------|
| sand red bed       | 803  |
| red bed            | 903  |
| red bed, sand      | 1918 |
| shale              | 2293 |
| lime, shale        | 2805 |
| anhydrite, shale   | 3087 |
| lime, shale        | 3175 |
| lime               | 3369 |
| lime, shale        | 3454 |
| lime               | 3755 |
| shale, chalky lime | 4031 |
| lime               | 4910 |
| lime, shale        | 5000 |
| lime               | 5089 |
| shale, lime        | 5120 |
| lime, sand         | 5127 |
| lime, shale        | 5166 |
| lime               | 5210 |
| Total Depth        |      |

TOPS:

|                  |           |
|------------------|-----------|
| Topeka           | 3498      |
| Heebner          | 3924      |
| Toronto          | 3951      |
| Lansing          | 3976      |
| B/Kansas City    | 4535      |
| Marmaton         | 4553      |
| Cherokee         | 4708      |
| Atoka            | 4914      |
| Morrow           | 4974      |
| Morrow Limestone | 5003-5011 |
| St. Louis        | 5090      |
| "B" Zone         | 5096      |
| "C" ?            | 5143-5162 |
| "D" "            | 5189-5193 |