

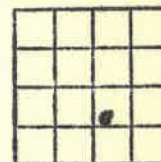
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- THUNDERBIRD DRILLING, INC.  
Farm- Wood No. 1

SEC. 15 T. 19 R. 13W  
SW NW SE

Total Depth. 3438'  
Comm. 3-26-56 Comp. 4-6-56  
Shot or Treated.  
Contractor. Thunderbird Drilling, Inc.  
Issued. 7-7-56

County Barton KANSAS



Elevation. 1848' DF

Production. 20 BOPD

CASING:

8 5/8" 398' cem. w/250 sx  
1 1/2% gel, e sx Calcium Chloride

Figures indicate Bottom of Formations.

|                  |             |
|------------------|-------------|
| surface clay     | 70          |
| sand & gravel    | 110         |
| shale            | 152         |
| hard sand ; Iron | 175         |
| shale            | 325         |
| Dakota sand      | 355         |
| red bed          | 755         |
| anhydrite        | 780         |
| shale            | 1225        |
| shale & shells   | 1570        |
| shale & lime     | 1710        |
| sandy lime       | 1755        |
| lime             | 1825        |
| shale & lime     | 2750        |
| lime             | 3100        |
| shale & lime     | 3165        |
| lime             | 3410        |
| conglomerate     | 3425        |
| lime             | 3432 R.T.D. |
| lime             | 3438        |

Total Depth

TOPS:

|              |      |
|--------------|------|
| Anhydrite    | 755  |
| Heebner      | 3068 |
| Brown Lime   | 3166 |
| Lansing      | 3186 |
| Conglomerate | 3403 |
| Arbuckle     | 3420 |