

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

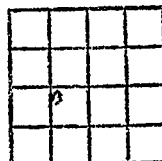
11-33-3E

Company- EARL F. WAKEFIELD
 Farm- Boyles No. 4

SEC. 11 T. 33 R. 3E
 NW NE SW

Total Depth. 3280'
 Comm. 12-29-57 Comp. 1-4-58
 Shot or Treated.
 Contractor. Earl F. Wakefield
 Issued. 2-15-58

County Cowley
 KANSAS



Elevation. 1164' GL

Production. 27 BOPD

CASING:

8 5/8" 125'
 5 1/2" 3275'

Figures indicate Bottom of Formations.

| | |
|----------------------|------|
| soil and sand | 40 |
| shale & lime | 400 |
| lime and shale | 525 |
| shale & lime streaks | 755 |
| shale & shells | 1130 |
| lime & shale | 1255 |
| shale | 1600 |
| shale & lime | 2218 |
| sandy shale | 2280 |
| shale | 2425 |
| lime & shale | 2490 |
| sandy lime & shale | 2505 |
| shale | 2618 |
| sand & shale | 2630 |
| shale & sandy shale | 2788 |
| Kansas City lime | 2806 |
| lime & shale | 3047 |
| shale & lime streaks | 3060 |
| shale & lime | 3245 |
| shale | 3274 |
| Bartlesville sand | 3280 |
| Total Depth | |

TOPS: SCOUT

| | |
|--------------|------|
| Stalnaker | 2218 |
| Layton | 2619 |
| Kansas City | 2788 |
| Bartlesville | 3273 |