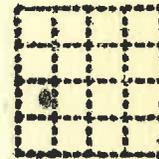


D. R. BUCHANAN ET AL  
 Langfield "A" No. 3.

SEC.14 T.20 R.11W  
 CEL NW SW

Total Depth. 3290'  
 Comm. 7-11-41 Comp. 7-24-41  
 Shot or Treated.  
 Contractor. Pulse Drlg.Co.  
 Issued. 9-6-41

County. Barton



CASING:  
 8 5/8" 221' Cem.  
 5 1/2" 3279' (DF) Com.

Elevation.

Production. Pot. 2456 B.

Figures Indicate Bottom of Formations.

|                   |      |
|-------------------|------|
| surface & sand    | 95   |
| sand hrd          | 140  |
| sand              | 195  |
| shale             | 223  |
| red rock & shells | 630  |
| shale & shells    | 1270 |
| shale & lime      | 1470 |
| sand              | 1535 |
| shale             | 1640 |
| lime sdy          | 1665 |
| lime              | 1745 |
| shale             | 1855 |
| shale & shells    | 1970 |
| shale & lime      | 2065 |
| shale             | 2170 |
| shale & shells    | 2365 |
| lime              | 2450 |
| shale             | 2500 |
| lime              | 2890 |
| shale             | 2965 |
| shale & lime      | 3020 |
| lime              | 3140 |
| shale             | 3190 |
| brkn lime & shale | 3269 |
| conglomerate      | 3281 |
| Arbuckle          | 3290 |
| Total Depth.      |      |