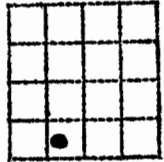


Total Depth. 3377' Corr.
 Comm. 9-20-41 Comp. 10-10-41
 Shot or Treated.
 Contractor.
 Issued. 12-30-44

County. Ellis
 KANSAS



Elevation. _____

Production. Pot. 69 B.

CASING:
 16" 27'
 10" 1090'
 7" 3416'

Figures Indicate Bottom of Formations.

| | | | |
|--------------------------|------|-----------------------------------|------|
| surface | 27 | shale & shells | 1915 |
| shale | 95 | lime brkn | 2213 |
| gravel | 160 | shale | 2314 |
| shale & shells | 410 | shale & shells | 2362 |
| sand | 475 | shale | 2394 |
| iron | 520 | shale & shells | 2795 |
| shale & shells | 575 | lime | 3120 |
| sand | 725 | top K.C. lime 3120 | |
| shale & shells | 735 | Oil smell 3119-3126 | |
| shale | 770 | lime | 3340 |
| lime brkn & | | red bed | 3355 |
| red rock | 801 | conglomerate | 3379 |
| shale & shells | 885 | dolomite | 3386 |
| red rock | 1070 | shale green | 3397 |
| lime | 1080 | top of Arbuckle 3400 | |
| anhydrite | 1115 | Arbuckle | 3407 |
| shale & shells | 1470 | | |
| salt & shale | 1570 | | |
| shale & shells | 1705 | (Top Arbuckle corrected to | |
| lime brkn | 1775 | derrick floor) | |
| shale | 1870 | (30' correction due to de- | |
| lime brkn | 2180 | flexion makes <u>top Arbuckle</u> | |
| shale | 2200 | <u>3370'</u> , TD 3377) | |
| shale & shells | 2285 | Total Depth | 3377 |
| lime brkn | 2395 | | |
| lime | 2425 | | |
| shale | 2695 | | |
| lime brkn | 2735 | | |
| shale | 2789 | | |
| Oil show 2819-2830 | | | |
| shale | 2789 | | |
| lime | 3010 | | |
| lime brkn | 3070 | | |
| lime | 3285 | | |
| lime brkn | 3330 | | |
| conglomerate | 3387 | | |
| chert & sand | 3390 | | |
| conglomerate & | | | |
| chert | 3404 | | |
| chert | 3407 | | |
| shale | 3419 | | |
| sand & chert | 3433 | | |
| conglomerate | 3464 | | |
| conglomerate & | | | |
| green shale | 3475 | | |
| <u>top Arbuckle 3475</u> | | | |
| Arbuckle | 3488 | | |
| Total Depth | | | |
| Plugged back to 1143 - | | | |
| set whipstock at 1193 | | | |
| red bed & shells | | | |
| 1193 - 1201 | | | |
| shale & shells | 1241 | | |
| shale | 1435 | | |
| salt | 1460 | | |
| salt & shale | 1580 | | |
| shale | 1644 | | |
| shale & shells | 1762 | | |
| lime | 1774 | | |
| lime brkn | 1776 | | |