

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

EMPIRE OIL & REFG.
Janssen No. 6-A

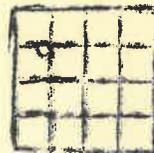
SEC. 3 T.18 R.8W
NE SW NW
330'S 1665'W of E/16 Cor NW $\frac{1}{4}$

Total Depth. 3272'
Comm. 8-17-36 Comp. 9-16-36
Shot or Treated. 2000 Gals. Acid 9-18-36
Contractor. Twin Drlg. Co.
Issued. 11-21-36

County. Rice

CASING:

10 $\frac{3}{4}$ " 216'
7 " 3248'



Elevation.

Production. Pot, 986 B.O.
No water.

Figures Indicate Bottom of Formations.

| | | | |
|---------------------------|-------|---------------------|-----------|
| clay & sand | 40 | lime grey hrd | 3031 |
| surface clay, yellow mud | 50 | shale & shells grey | |
| sand red med | 70 | hard | 3079 |
| shale blue & shells light | | lime grey | 3120 |
| soft | 250 | lime grey hrd | 3140 |
| shale blue sft | 300 | lime brkn grey med | 3186 |
| shale med. sft | 440 | brkn lime | 3190 |
| shale & shells grey | 460 | lime grey | 3200 |
| shale blue sft | 611 | varicolored shale | 3210 |
| shale & shells | 886 | conglomerate | 3217 |
| salt | 1050 | lime | 3220 |
| shale & shells grey | 1130 | conglomerate | 3238 |
| shale & shells | 1337 | lime | 3243 |
| shale & shells grey | 1490 | Correction SIM | 3243=3251 |
| lime grey | 1572 | lime (sh of oil) | 3257 |
| lime grey brkn | 1633 | lime | 3259 |
| lime grey med | 1673 | sand | 3263 |
| lime grey | 1728 | lime | 3272 |
| shale brown | 1758 | Total Depth. | |
| brkn lime | 1772 | | |
| brkn lime med grey | 1867 | Top Sil. lime SIM | 3246 |
| lime grey | 1910 | | |
| shale | 1941 | | |
| shale blue med | 2027 | | |
| shale blue | 2037 | | |
| brkn lime grey med | 2097 | | |
| shale | 2120 | | |
| lime hrd | 2134 | | |
| shale blue med | 2189 | | |
| lime grey med | 2204 | | |
| shale blue med | 2228 | | |
| lime brkn grey med | 2331 | | |
| shale blue | 2349 | | |
| lime | 2390 | | |
| lime grey med | 2450 | | |
| lime grey hrd | 2612 | | |
| lime grey | 2646 | | |
| lime grey hrd | 2678 | | |
| shale & shells med | 2712 | | |
| shells & shale grey | 2730 | | |
| shale grey | 2785 | | |
| shale drk blue sft | 2795 | | |
| lime grey hrd | 2815 | | |
| shale & shells | 2854 | | |
| sdv lime | 2871 | | |
| sdv shale sft | 2880 | | |
| lime grey hrd | 2920 | | |
| lime grey | 294 5 | | |
| shale blue med | 2975 | | |
| lime grey hrd | 3014 | | |
| shale grey sft | 3024 | | |

NOTE: Drilled as Janssen #1-C but later
changed to Janssen #6-A.