

UNION NATIONAL BANK BLDG, WICHITA, KANSAS.

Location C NE SW/4
660' EL 615' NL.

DEEPENING RECORD.

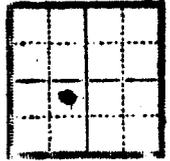
Sec. 14 T. 32 R. 2E.

Casing Record

County - Sumner.

10" 1292 Farm- J. M. Rothwell No. 4
20" 65 8 1/4" 1820 Company- Roxana Petroleum Corp.
15 1/2" 480 65/8" 1980 Contr.-
12 3/8" 945 53/16" Comm.- 6/9/28. Comp.- 7/8/28.

NOV 2 1935



Total Depth 2904 Shot 150 Quarts Between 1996-2074.

Correspondence Regarding This Well Should Be Referred to

Figures Indicate Bottom of Formations.

Elevation Initial Production 32 bbls in
Date Issued. 11-2-35 6 hrs.

| Formation | Depth | Formation | Depth |
|---------------------|-------|----------------------------------|--------|
| cellar | 10 | shale | 1252 |
| clay | 15 | lime | 1267 |
| sand | 35 | broken lime | 1285 |
| mud | 50 | shale | 1292 |
| lime | 75 | lime | 1294 |
| blue mud | 100 | shale | 1330 |
| lime | 120 | lime | 1335 |
| sandy shale | 150 | shale | 1340 |
| lime | 160 | lime | 1470 |
| shale | 180 | shale | 1485 |
| lime | 320 | lime 1/2 BW/H | 1550 |
| shale | 345 | shale | 1569 |
| red rock | 350 | lime SIM show of oil | 1578 |
| lime | 385 | blue shale | 1595 |
| blue mud | 400 | lime | 1610 |
| red rock | 410 | shale | 1632 |
| shale | 445 | sand SIM 2 1/2 BO/H | 1640 |
| lime | 460 | shale | 1725 |
| blue mud | 465 | lime | 1735 |
| lime | 475 | shale | 1765 |
| shale | 480 | lime | 1785 |
| broken lime | 515 | shale | 1820 |
| red rock | 535 | lime | 1830 |
| broken lime | 585 | shale light | 1960 |
| blue mud | 620 | shale drk | 1976 |
| lime | 630 | lime No water | 1977 |
| sand HFW | 637 | SLC top lime 1978 | 1979 |
| light shale | 675 | sandy lime | 1985 |
| lime | 680 | sand & shale | 2004 |
| blue mud | 715 | 1st show oil at 1985-97' | |
| lime | 725 | sand grey | 2025 |
| shale | 740 | 100' oil in 15 hrs. at 2013-25 | |
| sandy lime Show oil | 750 | sand & shale | 2038 |
| sandy shale | 765 | 250' oil 2 1/2 hr. test at 2077' | |
| lime | 775 | sand grey | 2075 |
| shale | 830 | SLC | 2077 |
| lime | 845 | | |
| shale | 860 | Total Depth SIM. | 2077'. |
| sandy lime | 900 | | |
| shale | 950 | | |
| lime show of oil | 955 | | |
| shale | 970 | | |
| lime | 975 | | |
| shale | 1005 | | |
| lime | 1010 | | |
| shale | 1035 | | |
| lime | 1060 | | |
| shale | 1070 | | |
| lime | 1085 | | |
| shale | 1100 | | |
| lime | 1125 | | |
| shale | 1130 | | |
| lime | 1135 | | |
| shale | 1150 | | |
| lime 1/4 BO/H | 1160 | | |
| lime hrd | 1175 | | |
| shale | 1229 | | |
| lime | 1249 | | |

OVER

Shell Petroleum Corp.
J.M. Rothwell No. 4
14-32-2E.

Rotary 2074 to 2826
Cable 2826-2904.

Oldon Drilling Co.
Comm. 9-28-35 Comp. 10-16-35.

7" casing 2818
Prod. Potential 9026 bbls
Plugged back from 2077 to 2974.

| | |
|--|------|
| sand | 2097 |
| shale | 2148 |
| lime | 2168 |
| shale | 2202 |
| shale and shells | 2251 |
| shale | 2396 |
| lime | 2401 |
| lime and shale | 2407 |
| sand showing oil | 2411 |
| sand | 2419 |
| lime and shale | 2427 |
| lime | 2503 |
| shale and lime | 2520 |
| 2520 equals 2523 SIC | |
| lime and shale | 2553 |
| showing oil at top of Kansas city lime | 2427 |
| lime | 2581 |
| shale | 2595 |
| lime | 2622 |
| shale | 2643 |
| lime | 2645 |
| shale | 2659 |
| broken lime | 2724 |
| lime | 2757 |
| broken lime | 2779 |
| shale | 2818 |
| dolomite | 2826 |
| dolomite | 2904 |
| Total Depth. | |

hole full oil 6 hours at 2826
flow 10 bbls per hr at 2827-2829
13 at 2830 20 bbls 2831
flowing $22\frac{1}{2}$ bbls oil per hr
2832 $27\frac{1}{2}$ bbls at 2833 40 at 2839
65 a t 2841 150 at 2845.
flow 170 bbls oil per hr 2852 185 bbls at 2859
200 at 2863.
flow 215 bbls oil per hr at 2867. no increase
2867-2873. flow 250 bbls oil per hr at
2880
flow 265 bbls oil per hr at 2885 325 bbls at 2887 275 bbls
2888. 285 bbls 2893 300 at 2896
flow 375 bbls oil per hr at 2900 525 bbls
at 2902. no increase 2904.