

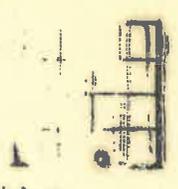
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location. SWc SE Sec. 19 T. 22 R. 3W.

Casing Record. County. Harvey

10" Farm. Anna Martens No. 7
 20" 8 1/2" 3334 Company. Producers and Refiners Corporation.
 15 1/2" 368 65/8" 157' Contr. S.S. & J. Drilling Co.
 12 1/2" liner set Comm. 9-16-33 Comp. 10-27-33
 Total Depth. 3542 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Figures Indicate Bottom of Formations.
 Date Issued. 12-23-33

Elevation.
 Initial Production.
 Est Potential Pump 909 B.

| Formation | Depth | Formation | Depth. |
|--|-------|---|----------|
| surface clay and sand | 50 | Pumped in 25 bbls oil to force | |
| red bed and sand | 265 | acid out. of tubing. | |
| shale and sand | 362 | swab and flowed 1302 bbls 1st 24 hours. | |
| lime | 375 | Swab 43 bbls per hour next 17 hours. | |
| sand | 438 | Started up to deepen 10-14-33 | |
| broken lime | 663 | Well flowed several times while | |
| shale and shells | 760 | deepening. | |
| sand and shells | 925 | | |
| sdv lime | 970 | shale | 3478 |
| broken lime | 1015 | bad cave 3455-78 | |
| shale and shells | 1200 | lime Viola | 3498 |
| broken lime | 1265 | Wilcox sand some green shale | 3506 |
| shale and shells | 1630 | oil level increased from 1820-1950 | |
| shale | 1790 | from pay 3503-06 | |
| shale and shells | 2015 | Wilcox sand hard Various amounts of | |
| sand hard | 2035 | green shale | 3532 |
| shale and shells | 2080 | Wilcox sand soft | 3536 |
| lime | 2100 | Got 100' increase in fluid level sand | |
| shale | 2105 | and green shale | 3540 |
| lime | 2245 | shale dark green | 3542 TD. |
| shale | 2260 | | |
| sdv shale | 2340 | Well swab 565 bbls in 12 hours. Average | |
| lime | 2365 | 47 bbls per hr. Did not lower oil | |
| broken lime | 2400 | below 1900 feet. Not a very good test. | |
| lime | 2547 | | |
| lime hard | 2597 | | |
| lime | 2767 | | |
| lime hard | 2825 | | |
| shale | 2854 | | |
| broken lime | 2915 | | |
| lime | 2990 | | |
| shale | 3068 | | |
| shale | 3163 | | |
| shale and lime | 3186 | | |
| lime | 3235 | | |
| shale | 3320 | | |
| Cored 3320 to 3334 | | | |
| shale | 3330 | | |
| Wisner sand | 3331 | | |
| shale blk | 3334 | | |
| Hunton lime sdv | 3347 | | |
| Hunton lime | 3351 | good show oil | |
| Hunton lime | 3364 | | |
| shale | 3367 | | |
| small amount of pay from 3347-51 | | | |
| Bailed hole dry in 1 hour. Let stand for | | | |
| 30 minutes and filled up 1 barrel | | | |
| Estimate well good for 50 bbls per day. | | | |
| Acidized 1000 gallons | | | |
| Used 10 gal blanket. Used 170 bbls oil. | | | |