

UNION NATIONAL BANK BLDG., WICHITA, KANSAS.

Plotted

Location NE c SW.

Sec. 8 T. 12 R. 17W.

## Casing Record

10" 2641 Farm- Heider No. 1  
 20" 8 1/4" 3031 Company- Phillips Petroleum Co.  
 15 1/8" 1002 65/8" 3581 Contr.- Twin Drilling Co.  
 12 1/8" 1378 53/16" Comm.- 3/1/1929. Comp.- 8/31/1929.  
 Total Depth 4017'. Shot Quarts Between  
 Correspondence Regarding This Well Should Be Referred to

Plotted by S. C. Co.  
County- Ellis.

Elevation 2138

Figures Indicate Bottom of Formations.

Initial Production Dry.

Date Issued. 9/28/1928.

| Formation         | Depth | Formation        | Depth | Formation         | Depth |
|-------------------|-------|------------------|-------|-------------------|-------|
| cellar            | 13    | salt             | 1945  | lime brown        | 2837  |
| soapstone         | 33    | lime             | 1950  | shale & shells    | 2865  |
| clay              | 60    | red rock         | 1955  | shale blue        | 2875  |
| shale blue        | 170   | shale blue       | 1975  | lime white HFW    | 2880  |
| shale             | 485   | lime white       | 1985  | shale blue        | 2885  |
| HFW 485-515'      |       | shale lime       | 2035  | S. L. C.          | 2896  |
| sand water        | 515   | lime gray        | 2040  | shale blue        | 2925  |
| shale white       | 525   | shale & lime     | 2050  | lime white        | 2945  |
| sand gray         | 543   | lime gray        | 2070  | shale lgt         | 2950  |
| iron & lime       | 545   | shale blue       | 2075  | shale blk         | 2960  |
| sand              | 555   | lime gray        | 2080  | shale blue        | 2980  |
| shale blue        | 561   | red rock         | 2087  | lime gray         | 2995  |
| sand red          | 564   | lime gray        | 2100  | shale blue        | 3005  |
| shale blue        | 585   | red rock         | 2140  | lime white        | 3025  |
| shale             | 600   | shale blue       | 2155  | shale blue        | 3040  |
| red rock          | 610   | lime white       | 2190  | lime white        | 3055  |
| shale             | 620   | red rock         | 2210  | shale blue        | 3060  |
| sand iron         | 625   | lime white       | 2220  | lime white        | 3070  |
| sand              | 645   | lime brkn        | 2275  | shale blue        | 3080  |
| shale blue        | 650   | lime grey        | 2290  | brkn lime         | 3115  |
| sand grey         | 655   | lime brkn        | 2305  | 1 BW 3210         |       |
| shale blue        | 665   | lime gray        | 2330  | lime              | 3270  |
| lime & iron       | 667   | red rock         | 2343  | shale black       | 3280  |
| shale blue        | 675   | lime grey        | 2365  | lime white        | 3360  |
| shells brown      | 715   | lime & red rock  | 2375  | shale black       | 3370  |
| sandy shale       | 745   | lime gray        | 2410  | lime white        | 3387  |
| lime & iron       | 747   | lime & red rock  | 2425  | various shale     | 3396  |
| shale blk         | 760   | lime gray        | 2445  | lime brown        | 3398  |
| shale & lime blue |       | red rock         | 2455  | shale             | 3401  |
| HFW               | 795   | lime             | 2475  | lime              | 3402  |
| water sand gray   | 810   | red rock         | 2485  | S. L. C.          | 3415' |
| shale blue        | 815   | brkn lime        | 2495  | brkn lime         | 3422  |
| sand grey         | 820   | lime white       | 2500  | shale blue        | 3425  |
| shale blue        | 825   | red rock         | 2505  | lime white        | 3435  |
| lime white        | 845   | lime white       | 2535  | shale blue        | 3439  |
| slate blue        | 848   | red rock         | 2550  | brkn lime         | 3449  |
| shale blue        | 855   | lime shells gray | 2564  | shale brown       | 3455  |
| lime white        | 867   | lime gray        | 2620  | lime white        | 3460  |
| sd lime           | 873   | shale            | 2625  | brkn lime         | 3505  |
| sand              | 915   | red rock         | 2630  | lime white        | 3508  |
| shale             | 925   | lime white       | 2640  | lime              | 3537  |
| sand              | 933   | HFW 2640-45'     |       | shale blue        | 3542  |
| shale blue        | 942   | sand water       | 2645  | lime white        | 3580  |
| iron              | 945   | lime             | 2652  | shale red & green | 3583  |
| sand grey         | 950   | shale blue       | 2655  | lime white        | 3600  |
| slate white       | 983   | lime white       | 2665  | shale brown       | 3605  |
| shale red         | 988   | shale blue       | 2679  | lime white        | 3637  |
| sand white        | 1008  | lime white       | 2684  | shale blue & red  | 3642  |
| red rock          | 1040  | shale blue       | 2689  | lime              | 3647  |
| water sand HFW    | 1045  | lime white       | 2700  | red rock          | 3652  |
| red rock          | 1357  | shale            | 2710  | lime              | 3655  |
| chalk             | 1362  | lime white       | 2715  | lime white        | 3680  |
| lime white        | 1363  | shale blue       | 2740  | shale             | 3693  |
| S. L. C. 1359'    |       | lime blue        | 2748  | brkn lime         | 3704  |
| lime              | 1400  | shale blue       | 2756  | shale             | 3708  |
| red rock          | 1530  | lime blue        | 2776  | lime              | 3727  |
| shale & lime      |       | shale blue       | 2800  | sd lime           | 3747  |
| shells            | 1560  | shale & lime     | 2812  | lime              | 3797  |
| red rock          | 1655  | lime white       | 2817  | lime              | 4017  |
| shale blue        | 1718  | shale blue       | 2832  |                   |       |
| shale & shells    | 1740  | shale brown      | 2834  | TD                | 4017' |