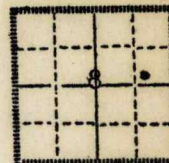


**WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY**  
**UNION NATIONAL BANK BLDG., WICHITA, KANSAS**

**CASING RECORD**

LOCATION 330' fr SL 330' fr W1 SW cor E/2 SEC 8 T 27R 6 E.  
 NE/4

10' 1736 FARM Mary Beadles NO. 1 COUNTY Butler  
 20' 8 1-4 2377 COMPANY Phillips Petroleum Co.  
 15 1-2 6 5-8 2764 CONTRACTOR  
 12 1-2 740 5 3-16 3121 COMMENCED 2-14-27. COMPLETED 3-25-27.  
 TOTAL DEPTH SHOT QUARTS BETWEEN



CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Phillips Petroleum

Co., Bartlesville, Oklahoma.  
 FIGURES INDICATE BOTTOM OF FORMATIONS.

ELEVATION  
 INITIAL PRODUCTION 180 bbls.

REMARKS 5/7/27.

| Formation            | Depth | Formation           | Depth | Formation                 | Depth  |
|----------------------|-------|---------------------|-------|---------------------------|--------|
| soil B. & S.         | 10    | lime white hrd      | 960   | lime white hrd 2 BW       | 2305   |
| lime white hrd       | 30    | (5 BW 1030')        |       | slate blue sft            | 2325   |
| slate B. & S.        | 50    | shale B. & S.       | 970   | lime white hrd            | 2345   |
| lime white hrd       | 80    | shale white sft     | 985   | lime dark hrd             | 2350   |
| slate B. & S.        | 95    | shale whi o sft     | 1035  | slate black med.          | 2375   |
| red rock red sft     | 100   | sandy lime white    |       | lime white hrd            | 2377   |
| lime white hrd       | 115   | sft                 | 1045  | (Run 8 1/4" csg.)         |        |
| lime white hrd       | 125   | lime white hrd      | 1065  | lime white hrd            | 2380   |
| slate B. & S.        | 140   | slate blue sft      | 1145  | shale white sft           | 2400   |
| lime white hrd       | 150   | lime white hrd      | 1155  | shale blue sft            | 2420   |
| lime white hrd       | 155   | slate dark sft      | 1160  | lime white hrd            | 2450   |
| red rock red sft     | 165   | lime white hrd      | 1175  | lime white hrd            | 2460   |
| lime white hrd       | 170   | slate dark sft      | 1190  | shale blue sft            | 2490   |
| slate B. & S.        | 180   | lime white hrd      | 1220  | lime white hrd            | 2515   |
| lime white hrd       | 190   | slate white sft     | 1230  | lime white hrd            | 2525   |
| slate B. & S.        | 205   | slate blue sft      | 1250  | shale blue sft            | 2550   |
| lime white hrd       | 225   | lime shells white   |       | lime white hrd            | 2575   |
| slate B. & S.        | 240   | hard                | 1385  | shale blue sft            | 2605   |
| lime white hrd       | 270   | slate dark sft      | 1395  | lime white hrd            | 2625   |
| slate B. & S.        | 295   | lime white hrd      | 1305  | slate dark sft            | 2710   |
| lime white hrd       | 310   | slate white sft     | 1310  | slate B. & S.             | 2755   |
| slate B. & S.        | 325   | lime white hrd      | 1335  | lime white hrd            | 2760   |
| lime white hrd       | 335   | slate dark sft      | 1340  | (6" 2764')                |        |
| 4 BW                 |       | (Fishing)           |       | sand white sft            | 2764   |
| red rock red sft     | 340   | slate white sft     | 1350  | 200' in 2 hours.          |        |
| slate B. & S.        | 350   | slate white sft     | 1355  | oil sand white sft        | 2787   |
| lime white hrd       | 360   | lime white hrd      | 1380  | lime gray hrd             | 2792   |
| slate white sft      | 370   | slate white sft     | 1385  | Oil 2764-2787 SL          |        |
| lime white hrd       | 390   | shale white sft     | 1390  | lime black hrd UR pipe    |        |
| slate blue sft       | 415   | lime white hrd      | 1425  |                           | 2797   |
| lime white hrd       | 445   | shale white sft     | 1455  | lime black hrd            | 2820   |
| lime white hrd       | 465   | lime white hrd      | 1460  | lime black hrd            | 2845   |
| lime white hrd       | 480   | shale white sft     | 1480  | lime white hrd            | 2865   |
| slate blue sft       | 485   | lime white hrd      | 1525  | lime white hrd            | 2895   |
| lime white hrd       | 520   | shale white sft     | 1535  | 1 BW                      |        |
| slate blue sft       | 590   | lime white hrd      | 1555  | lime white hrd            | 2925   |
| red rock red sft     | 600   | shale blue sft      | 1590  | lime white hrd            | 2950   |
| slate light soft     | 615   | slate blue sft      | 1625  | lime white hrd            | 2980   |
| red rock red sft     | 620   | (7 BW 1625')        |       | lime white hrd            | 3005   |
| lime white sft       | 625   | sand light sft      | 1635  | lime white hrd            | 3030   |
| slate white sft      | 635   | slate blue sft      | 1660  | lime white hrd            | 3055   |
| lime white hrd       | 640   | shale blue sft      | 1700  | lime white hrd            | 3070   |
| slate B. & S.        | 670   | (10" 1745')         |       | shale dark sft            | 3135   |
| (HEV at 700')        |       | lime white hrd      | 1715  | sandy lime brown hrd      | 3138   |
| water sand white sft | 730   | shale blue sft      | 1740  | sandy lime brown hrd      | 3145   |
| slate white sft      | 735   | lime white hrd      | 1750  | sandy lime brown hrd      | 3151   |
| lime white hrd       | 740   | lime white hrd      | 1765  | 5 3/16" at 3131'          |        |
| lime white hrd       | 745   | slate blue sft      | 1830  | Total Depth               | 3151'  |
| slate dark sft       | 780   | lime white hrd 2 BW | 1900  | Plugged back 2' with lead |        |
| (12 1/2" 740')       |       | lime white hrd      | 1950  | wool.                     |        |
| slate dark sft       | 800   | lime white hrd      | 2000  | Total Depth               | 3149'. |
| lime white hrd       | 835   | shale blue sft      | 2070  |                           |        |
| slate dark soft      | 850   | shale blue sft      | 2140  |                           |        |
| lime white hrd       | 900   | lime white hrd      |       |                           |        |
| shale dark soft      | 905   | Oswego              | 2190  |                           |        |
| lime white hrd       | 910   | lime white hrd      | 2235  |                           |        |
| slate black soft     | 945   | shale blue sft      | 2240  |                           |        |
| (1 BW 950')          |       | lime white hrd      | 2265  |                           |        |