

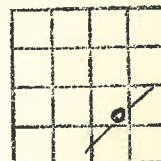
**WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY**  
**503 East Murdock, Wichita, Kansas**

Company- **CITIES SERVICE OIL CO.**  
 Farm- **Durfee** No. **7-A**

SEC. **30** T. **27** R. **4W**  
 SE NW SE

Total Depth. **1699**  
 Comm. **12-13-51** Comp. **1-17-52**  
 Shot or Treated.  
 Contractor. **Gaines Drlg. Co.**  
 Issued. **4-26-52**

County **Sedgwick**  
**KANSAS**



**CASING:**  
 10" 198' cem. w/150 sx  
 8 5/8" 903'  
 5 1/2" 1650'

Elevation. 1121

Production. **Dry**

**Figures Indicate Bottom of Formations.**

|                     |      |                         |      |
|---------------------|------|-------------------------|------|
| soil                | 2    | shale                   | 1310 |
| red bed             | 120  | li e                    | 1335 |
| shale               | 194  | lime broken             | 1365 |
| lime shell          | 195  | shale & shells          | 1390 |
| shale               | 260  | lime                    | 1400 |
| shale & shells      | 260  | shale                   | 1420 |
| red rock            | 265  | lime                    | 1430 |
| shale               | 420  | shale                   | 1440 |
| red rock            | 425  | lime                    | 1455 |
| lime, shell         | 428  | shale                   | 1470 |
| shale               | 430  | lime                    | 1480 |
| salt                | 440  | shale                   | 1490 |
| salt & shale        | 452  | shale & shells          | 1500 |
| red bed 1 BWP       | 458  | shale & sand            | 1540 |
| salt 458-65'        | 660  | sand                    | 1545 |
| shale               | 665  | lime                    | 1560 |
| lime                | 670  | shale                   | 1585 |
| shale               | 715  | lime                    | 1605 |
| lime                | 722  | shale                   | 1610 |
| shale & lime shells | 730  | lime                    | 1625 |
| shale 1 BWP         | 752  | shale                   | 1664 |
| lime 752-60'        | 760  | lime                    | 1679 |
| shale               | 764  | shale                   | 1692 |
| lime                | 805  | sand                    | 1699 |
| shale               | 810  | Total Depth             |      |
| lime                | 820  |                         |      |
| shale               | 825  | Scout Tops:             |      |
| lime                | 835  | Salt                    | 440  |
| shale & shells      | 850  | Base Salt               | 655  |
| lime                | 865  | Anhydrite               | 710  |
| shale               | 875  | Base Anhydrite          | 863  |
| lime                | 885  | Herington               | 975  |
| shale               | 900  | Winfield                | 1027 |
| shell               | 903  | Ft. Riley               | 1076 |
| shale               | 920  | Winfield                | 1212 |
| lime                | 930  | Cottonwood              | 1390 |
| shale               | 940  |                         |      |
| red rock            | 950  | Steel Line Measurement: |      |
| shale               | 955  | 500=500                 |      |
| lime                | 965  | 607=604                 |      |
| shale               | 1005 | 810=810                 |      |
| red rock            | 1025 | 1040=1040               |      |
| lime                | 1040 |                         |      |
| lime shells         | 1055 | S.G. 1692-96'           |      |
| shale               | 1075 | 1696-99' inc. in gas &  |      |
| lime                | 1085 | 850' wtr. in 2 hrs.     |      |
| shale (VSSG @ 1107  | 1100 |                         |      |
| sandy shale & lime  | 1130 |                         |      |
| lime 1 1/2 BWP      | 1175 |                         |      |
| shale 1160-75'      | 1185 |                         |      |
| red rock            | 1190 |                         |      |
| shale               | 1195 |                         |      |
| lime                | 1205 |                         |      |
| shale               | 1225 |                         |      |
| lime                | 1265 |                         |      |
| shale               | 1270 |                         |      |
| red bed             | 1275 |                         |      |
| lime                | 1305 |                         |      |