

CITIES SERVICE COMPANY  
GOVERNMENT "Y" NO. 2  
BOTTOM HOLE PRESSURE BUILD-UP TEST  
TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:  
JOHN WEST ENGINEERING COMPANY

TEST DATE: 1/23-27/81  
TEST DEPTH: 9509'  
ELEMENT NO.: 12809  
RANGE: 0 - 5650 psi  
OPERATOR: M.B.

| DATE    | TIME       | CUM.HRS./MIN. |    | PSIG @ 9509'                      |
|---------|------------|---------------|----|-----------------------------------|
| 1-26-81 | 10:15 am   |               |    | 3517 Gauge back to 9509',Open cho |
| 1-26-81 | 11:45 am   | 00            | 00 | 2370                              |
|         | 12:00 noon | 00            | 15 | 2470                              |
|         | 12:15 pm   | 00            | 30 | 2556                              |
|         |            | 00            | 45 | 2613                              |
|         | 12:45 pm   | 01            | 00 | 2701                              |
|         |            | 01            | 30 | 2792                              |
|         | 1:45 pm    | 02            | 00 | 2906                              |
|         |            | 02            | 30 | 2986                              |
|         | 2:45 pm    | 03            | 00 | 3057                              |
|         |            | 03            | 30 | 3217                              |
|         | 3:45 pm    | 04            | 00 | 3260                              |
|         |            | 04            | 30 | 3289                              |
|         | 4:45 pm    | 05            | 00 | 3337                              |
|         | 5:45 pm    | 06            | 00 | 3354                              |
|         | 6:45 pm    | 07            | 00 | 3386                              |
|         | 7:45 pm    | 08            | 00 | 3403                              |
|         | 8:45 pm    | 09            | 00 | 3411                              |
|         | 9:45 pm    | 10            | 00 | 3423                              |
| 1-26-81 | 11:45 pm   | 12            | 00 | 3431                              |
| 1-27-81 | 2:45 am    | 15            | 00 | 3446                              |
|         | 7:45 am    | 20            | 00 | 3466                              |
| 1-27-81 | 9:30 am    | 21            | 45 | 3474 Gauge out,Change Chart       |
|         |            |               |    | light                             |
| 1-27-81 | 10:00 am   |               |    | 3477 Gauge Back to 9509',heater   |
|         | 11:15 am   | 00            | 00 | 3080 Open Choke                   |
|         | 11:30 am   | 00            | 15 | 2758                              |
|         | 11:45 am   | 00            | 30 | 2746                              |
|         | 12:00 noon | 00            | 45 | 2712                              |
|         | 12:15 pm   | 01            | 00 | 2672 End Rate I                   |
|         | 12:30 pm   | 01            | 15 | 2621                              |
|         | 12:45 pm   | 01            | 30 | 2581                              |
|         | 1:00 pm    | 01            | 45 | 2538                              |
|         | 1:15 pm    | 02            | 00 | 2496 End Rate II                  |
|         | 1:30 pm    | 02            | 15 | 2476                              |
|         | 1:45 pm    | 02            | 30 | 2459                              |
|         | 2:00 pm    | 02            | 45 | 2436                              |
|         | 2:15 pm    | 03            | 00 | 2413 End Rate III                 |
|         | 2:30 pm    | 03            | 15 | 2416                              |
|         | 2:45 pm    | 03            | 30 | 2416                              |
|         | 3:00 pm    | 03            | 45 | 2413                              |
|         | 3:15 pm    | 04            | 00 | 2402 End Rate IV                  |
|         |            |               |    | Shut-in                           |
|         |            |               |    | Off Bottom                        |
| 1-27-81 | 3:20 pm    | 04            | 05 | 2439 End Test                     |