

CITIES SERVICE COMPANY  
GOVERNMENT "S" No. 2  
BOTTOM HOLE PRESSURE BUILD-UP TEST,  
& 4-POINT BACK PRESSURE TEST  
TABULATION OF TIMES AND PRESSURES

TEST CONDUCTED BY:  
JOHN WEST ENGINEERING COMPANY

TEST DATE: MARCH 22, TO MARCH 28, 1980  
TEST DEPTH: 11,233 FEET  
ELEMENT NO.: 34911  
OPERATOR: M.B.

| <u>DATE</u> | <u>TIME</u>    | <u>CUM. HRS. / MIN.</u> |         | <u>PSIG @ 11,233 FEET</u>              |
|-------------|----------------|-------------------------|---------|----------------------------------------|
| 3-22-80     | 11:00 AM       |                         |         | 2497 GAUGE REACHED 11,233';<br>FLOWING |
|             | 11:15 AM       |                         |         | 2117                                   |
|             | 11:30 AM       |                         |         | 2000                                   |
|             | 11:45 AM       |                         |         | 1938                                   |
| 3-22-80     | 12:00 NOON     | 00 HRS.                 | 00 MIN. | 1913 SHUT-IN; BEGIN BUILD-UP           |
|             | 12:15 PM       | 00                      | 15      | 3785                                   |
|             | 12:30 PM       | 00                      | 30      | 4503                                   |
|             | 12:45 PM       | 00                      | 45      | 4512                                   |
|             | 1:00 PM        | 01                      | 00      | 4518                                   |
| 3-22-80     | 1:30 PM        | 01                      | 30      | 4521                                   |
|             | 2:00 PM        | 02                      | 00      | 4521                                   |
|             | 2:30 PM        | 02                      | 30      | 4521                                   |
|             | 3:00 PM        | 03                      | 00      | 4527                                   |
| 3-22-80     | 4:00 PM        | 04                      | 00      | 4527                                   |
|             | 5:00 PM        | 05                      | 00      | 4527                                   |
|             | 6:00 PM        | 06                      | 00      | 4527                                   |
| 3-22-80     | 8:00 PM        | 08                      | 00      | 4530                                   |
|             | 10:00 PM       | 10                      | 00      | 4533                                   |
| 3-23-80     | 3:00 AM        | 15                      | 00      | 4536                                   |
|             | 8:00 AM        | 20                      | 00      | 4536                                   |
|             | 1:00 PM        | 25                      | 00      | 4536                                   |
|             | 6:00 PM        | 30                      | 00      | 4539                                   |
| 3-24-80     | 4:00 AM        | 40                      | 00      | 4542                                   |
|             | 2:00 PM        | 50                      | 00      | 4545                                   |
| 3-25-80     | 12:00 MIDNIGHT | 60                      | 00      | 4545                                   |
| 3-25-80     | 9:00 AM        | 69                      | 00      | 4551 END BUILD-UP                      |
| 3-27-80     | 10:30 AM       |                         |         | 4551 GAUGE RETURNED TO 11,233'         |
|             | 11:00 AM       | 00 HRS.                 | 00 MIN. | 4551 OPEN CHOKE; BEGIN 4-POINT         |
|             | 11:15 AM       | 00                      | 15      | 4419                                   |
|             | 11:30 AM       | 00                      | 30      | 4404                                   |
|             | 11:45 AM       | 00                      | 45      | 4386                                   |
|             | 12:00 NOON     | 01                      | 00      | 4377 END RATE I                        |
| 3-27-80     | 12:15 PM       | 01                      | 15      | 4371                                   |
|             | 12:30 PM       | 01                      | 30      | 4371 END RATE II                       |
| 3-27-80     | 12:45 PM       | 01                      | 45      | 4237                                   |
|             | 1:00 PM        | 02                      | 00      | 4237                                   |
|             | 1:15 PM        | 02                      | 15      | 4231                                   |
|             | 1:30 PM        | 02                      | 30      | 4207 END RATE III                      |

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