

CITIES SERVICE COMPANY  
 FEDERAL "N" NO. 1  
 BOTTOM HOLE PRESSURE BUILD-UP TEST  
 TABULATIONS OF TIMES AND PRESSURES

TEST DATE: MAY 5 TO MAY 9, 1981  
 TEST DEPTH: 11,420 FEET  
 ELEMENT NO: 18449 (0-8050 psi)  
 OPERATOR: M.R.

| <u>DATE</u> | <u>TIME</u> | <u>CUM HRS. / MIN.</u> | <u>PSIG @ 11,420 FEET</u>     |
|-------------|-------------|------------------------|-------------------------------|
| 5-5-81      | 11:15 A.M.  |                        | 3622 Gauge reached 11,420'    |
|             | 11:45 A.M.  |                        | 686                           |
|             | 12:15 P.M.  | 00Hrs. 00Min.          | 657 Shut-In Begin Build-Up    |
|             | 12:30 P.M.  | 00 15                  | 1066                          |
|             | 12:45 P.M.  | 00 30                  | 1450                          |
|             | 1:00 P.M.   | 00 45                  | 1843                          |
|             | 1:15 P.M.   | 01 00                  | 2241                          |
|             | 1:30 P.M.   | 01 15                  | 2571                          |
|             | 1:45 P.M.   | 01 30                  | 2886                          |
|             | 2:00 P.M.   | 01 45                  | 3163                          |
|             | 2:15 P.M.   | 02 00                  | 3451                          |
|             | 2:30 P.M.   | 02 15                  | 3764                          |
|             | 2:45 P.M.   | 02 30                  | 3927 Element Bellows ruptured |