

CITIES SERVICE COMPANY
 GOVERNMENT "AO" NO. 1
 BOTTOM HOLE PRESSURE BUILD-UP TEST, 4-POINT
 BACK PRESSURE TEST AND BOTTOM HOLE PRESSURE BUILD-UP TEST.
 TABULATION OF TIMES AND PRESSURES.

TEST CONDUCTED BY:
 JOHN WEST ENGINEERING COMPANY

RECEIVED

SEP 13 1982

TEST DATE: AUGUST 28 to SEPT 1, 1982
 TEST DEPTH: 10,972 FEET
 ELEMENT NO: 34912 (0-6000 psi)
 OPERATOR: Jack Walker

O. C. D.
 ARTESIA OFFICE

| DATE | TIME | CUM HRS./MIN. | PSIG @ 10,972 FEET |
|---------|------------|-----------------|--------------------------------|
| 8-28-82 | 9:30 A.M. | | 644 gauge reached 10,972 Feet |
| | 9:45 A.M. | 00 Hrs. 00 Min. | 644 Shut-In, Begin Build-Up |
| | 10:00 A.M. | 00 15 | 1042 |
| | 10:15 A.M. | 00 30 | 1392 |
| | 10:30 A.M. | 00 45 | 1639 |
| | 10:45 A.M. | 01 00 | 2290 |
| | 11:15 A.M. | 01 30 | 2580 |
| | 11:45 A.M. | 02 00 | 2882 |
| | 12:45 P.M. | 03 00 | 3175 |
| | 1:45 P.M. | 04 00 | 3370 |
| | 2:45 P.M. | 05 00 | 3479 |
| 8-28-82 | 7:45 P.M. | 10 00 | 3708 |
| 8-29-82 | 12:45 P.M. | 15 00 | 3786 |
| | 5:45 A.M. | 20 00 | 3840 |
| | 10:45 A.M. | 25 00 | 3886 |
| 8-29-82 | 3:45 P.M. | 30 00 | 3922 |
| 8-30-82 | 1:45 A.M. | 40 00 | 3994 |
| | 11:45 A.M. | 50 00 | 4060 |
| 8-30-82 | 9:45 P.M. | 60 00 | 4115 |
| 8-31-82 | 7:45 A.M. | 70 00 | 4169 |
| 8-31-82 | 8:45 A.M. | 71 00 | 4169 |
| 8-31-82 | 11:15 A.M. | | 4169 Gauge reached 10,972 Feet |
| | 11:25 A.M. | 00 Hrs. 00 Min. | 4169 Begin 4-Point |
| | 11:40 A.M. | 00 15 | 4163 |
| | 11:55 A.M. | 00 30 | 4151 |
| | 12:10 P.M. | 00 45 | 4145 |
| | 12:25 P.M. | 01 00 | 4139 End Rate I |
| | 12:40 P.M. | 01 15 | 4136 |
| | 12:55 P.M. | 01 30 | 4133 |
| | 1:10 P.M. | 01 45 | 4130 |
| | 1:25 P.M. | 02 00 | 4130 End Rate II |
| | 1:40 P.M. | 02 15 | 4124 |
| | 1:55 P.M. | 02 30 | 4122 End Rate III |
| | 2:10 P.M. | 02 45 | 4118 |
| | 2:25 P.M. | 03 00 | 4112 End Rate IV |
| 8-31-82 | 2:25 P.M. | 00 Hrs. 00 Min. | 4112 Begin Build-Up |
| | 2:40 P.M. | 00 15 | 4145 |
| | 2:55 P.M. | 00 30 | 4154 |
| | 3:15 P.M. | 00 45 | 4160 |
| | 3:30 P.M. | 01 00 | 4163 |
| | 4:00 P.M. | 01 30 | 4169 |
| | 4:30 P.M. | 02 00 | 4175 |
| | 5:00 P.M. | 03 00 | 4181 |
| | 6:00 P.M. | 04 00 | 4184 |
| 8-31-82 | 7:00 P.M. | 05 00 | 4190 |
| 9-01-82 | 12:00 M.N. | 10 00 | 4199 |
| | 5:00 A.M. | 15 00 | 4215 |
| 9-01-82 | 8:45 A.M. | 18 45 | 4230 Gauge out, end of test. |