

CITIES SERVICE OIL COMPANY  
 LITTLE BOX CANYON No. 2  
 BOTTOM HOLE PRESSURE BUILD-UP, MULTI-POINT  
 BACK PRESSURE TEST AND PRESSURE BUILD-UP  
 TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:  
 JOHN WEST ENGINEERING COMPANY

TEST DATE: OCTOBER 6 TO 11, 1977  
 TEST DEPTH: 8,205 FEET  
 ELEMENT No.: 8534 (0-5500 PSI)  
 CLOCK No.: 16436 (0-120 HR.)  
 CLOCK No.: C-2040 (0-24 HR.)  
 OPER.: M.C.T.

| <u>DATE</u> | <u>TIME</u> | <u>CUM. HRS./MIN.</u> |         | <u>PSIG @ 8,205 FEET</u>                          |
|-------------|-------------|-----------------------|---------|---------------------------------------------------|
| 10-6-77     | 2:05 PM     |                       |         | 837 GAUGE REACHED 8205', FLOWING<br>D.W. 548 PSIG |
| 10-6-77     | 3:05 PM     | 00 HRS.               | 00 MIN. | 837 SHUT-IN, BEGIN BUILD-UP                       |
|             |             | 00                    | 15      | 1282                                              |
|             |             | 00                    | 30      | 1777                                              |
|             |             | 00                    | 45      | 2198                                              |
|             |             | 01                    | 00      | 2576                                              |
|             |             | 01                    | 30      | 2669                                              |
|             |             | 02                    | 00      | 2701                                              |
|             |             | 04                    | 00      | 2726                                              |
|             |             | 06                    | 00      | 2740                                              |
| 10-6-77     | 11:05 PM    | 08                    | 00      | 2743                                              |
| 10-7-77     | 1:05 AM     | 10                    | 00      | 2749                                              |
|             |             | 15                    | 00      | 2754                                              |
|             | 11:05 AM    | 20                    | 00      | 2757                                              |
| 10-7-77     | 9:05 PM     | 30                    | 00      | 2763                                              |
| 10-8-77     | 7:05 AM     | 40                    | 00      | 2768                                              |
| 10-8-77     | 5:05 PM     | 50                    | 00      | 2774                                              |
| 10-9-77     | 3:05 AM     | 60                    | 00      | 2774                                              |
|             | 1:05 PM     | 70                    | 00      | 2776                                              |
| 10-9-77     | 11:05 PM    | 80                    | 00      | 2780                                              |
| 10-10-77    | 9:35 AM     | 90                    | 30      | 2780 GAUGE OUT TO CHANGE CLOCK & CHART            |

CHART No. 2

|          |            |         |         |                                      |
|----------|------------|---------|---------|--------------------------------------|
| 10-10-77 | 10:35 AM   | 91      | 30      | 2780 GAUGE BACK TO 8,205 FEET        |
| 10-10-77 | 10:45 AM   | 00      | 00      | 2780 OPEN TO 10/64 CHOKE, BEGIN TEST |
|          |            | 00      | 15      | 2500                                 |
|          |            | 00      | 30      | 2460                                 |
|          |            | 00      | 45      | 2424                                 |
|          | 11:45 AM   | 01      | 00      | 2407 END RATE 1                      |
|          | 12:00 NOON | 01      | 15      | 2271 12/64 CHOKE                     |
|          | 12:15 PM   | 01      | 30      | 2237                                 |
|          |            | 01      | 45      | 2232                                 |
|          | 12:45 PM   | 02      | 00      | 2226 END RATE 2                      |
|          |            | 02      | 15      | 2085 14/64 CHOKE                     |
|          |            | 02      | 30      | 2054                                 |
|          |            | 02      | 45      | 2054                                 |
|          | 1:45 PM    | 03      | 00      | 2059 END RATE 3                      |
|          |            | 03      | 15      | 1924 16/64 CHOKE                     |
|          |            | 03      | 30      | 1895                                 |
|          |            | 03      | 45      | 1890                                 |
| 10-10-77 | 2:45 PM    | 04 HRS. | 00 MIN. | 1895 END RATE 4, SHUT-IN             |