

CITIES SERVICE OIL & GAS, CORP.
GOVERNMENT "AD" NO. 3
BOTTOM HOLE PRESSURE BUILD-UP TEST AND
BOTTOM HOLE PRESSURE 4-POINT TEST.

TEST CONDUCTED BY:
JOHN WEST ENGINEERING COMPANY

TEST DATE: SEPTEMBER 27 to October 4, 1984
TEST DEPTH: 11,489 FEET
ELEMENT NO: 34911 (0-6000 PSI)
OPERATOR: W.S.

| DATE | TIME | CUM HRS./MIN. | PSIG @ 11,489 FEET |
|---------|------------|-----------------|----------------------------------|
| 9-27-84 | 1:00 P.M. | | 2683 gauge reached 11,489 feet |
| | 1:30 P.M. | | 2652 |
| | 2:00 P.M. | 00 Hrs. 00 Min. | 2541 |
| | 2:30 P.M. | 00 30 | 3193 |
| | 3:00 P.M. | 01 00 | 3690 |
| | 3:30 P.M. | 01 30 | 3825 |
| | 4:00 P.M. | 02 00 | 3798 |
| | 4:30 P.M. | 02 30 | 3786 |
| | 5:00 P.M. | 03 00 | 3780 |
| | 5:30 P.M. | 03 30 | 3780 |
| | 6:00 P.M. | 04 00 | 3768 |
| | 6:30 P.M. | 04 30 | 3759 |
| | 7:00 P.M. | 05 00 | 3753 |
| | 7:30 P.M. | 05 30 | 3747 |
| | 8:00 P.M. | 06 00 | 3744 |
| | 8:30 P.M. | 06 30 | 3741 |
| | 9:00 P.M. | 07 00 | 3738 |
| | 9:30 P.M. | 07 30 | 3762 |
| | 10:00 P.M. | 08 00 | 3774 |
| | 10:30 P.M. | 08 30 | 3789 |
| | 11:00 P.M. | 09 00 | 3795 |
| 9-27-84 | 12:00 A.M. | 10 00 | 3792 |
| 9-28-84 | 12:30 A.M. | 10 30 | 3792 |
| | 1:00 A.M. | 11 00 | 2786 |
| 9-28-84 | 2:00 A.M. | 12 00 | 3780 |
| | 3:00 A.M. | 13 00 | 3777 |
| | 4:00 A.M. | 14 00 | 3771 |
| | 5:00 A.M. | 15 00 | 3747 |
| | 6:00 A.M. | 16 00 | 3741 |
| | 7:00 A.M. | 17 00 | 3732 |
| | 8:00 A.M. | 18 00 | 3732 |
| | 9:00 A.M. | 19 00 | 3726 |
| | 10:00 A.M. | 20 00 | 3714 |
| | 3:00 P.M. | 25 00 | 3684 |
| | 8:00 P.M. | 30 00 | 3663 |
| | 1:00 A.M. | 35 00 | 3642 |
| | 6:00 A.M. | 40 00 | 3623 |
| | 11:00 A.M. | 45 00 | 3611 |
| | 4:00 P.M. | 50 00 | 3596 |
| | 9:00 P.M. | 55 00 | 3584 |
| | 2:00 A.M. | 60 00 | 3575 |
| | 7:00 A.M. | 65 00 | 3563 |
| | 12:00 Noon | 70 00 | 3554 |
| | 5:00 P.M. | 75 00 | 3545 |
| | 10:00 P.M. | 80 00 | 3542 |
| 9-30-84 | 3:00 A.M. | 85 00 | 3536 |
| 10-1-84 | 8:00 A.M. | 90 00 | 3527 |
| | 1:00 P.M. | 95 00 | 3527 |
| 10-1-84 | 6:00 P.M. | 100 00 | 3518 |
| | 11:00 P.M. | 105 00 | 3512 |
| 10-2-84 | 4:00 A.M. | 110 00 | 3506 |
| | 9:00 A.M. | 115 00 | 3506 |
| 10-2-84 | 1:00 P.M. | 119 00 | 3506 gauge out to change charts. |
| | | | |
| 10-2-84 | 4:15 P.M. | 00 Hrs. 00 Min. | 3506 gauge back to 11,489' |
| | 4:45 P.M. | 00 30 | 3506 |
| | 5:15 P.M. | 01 00 | 3506 |
| | 5:45 P.M. | 01 30 | 3506 |
| | 6:15 P.M. | 02 00 | 3506 |
| | 7:15 P.M. | 03 00 | 3503 |
| | 8:15 P.M. | 04 00 | 3503 |
| | | | |

Continued on attached sheet.