

This form is not to be used for reporting packer leakage tests in Northwest New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                        |                           |           |                              |                                  |                              |               |  |
|----------------------------------------|---------------------------|-----------|------------------------------|----------------------------------|------------------------------|---------------|--|
| Operator<br>Atlantic Richfield Company |                           |           | Lease<br>Roy Barton          |                                  |                              | Well<br>No. 4 |  |
| Location<br>of Well                    | Unit<br>G                 | Sec<br>23 | Twp<br>21S                   | Rge<br>37E                       | County<br>Lea                |               |  |
|                                        | Name of Reservoir or Pool |           | Type of Prod<br>(Oil or Gas) | Method of Prod<br>Flow, Art Lift | Prod. Medium<br>(Tbg or Csg) | Choke Size    |  |
| Upper<br>Compl                         | Blinebry                  |           | Gas                          | Flow                             | Tbg                          | 30/64         |  |
| Lower<br>Compl                         | Drinkard                  |           | Oil                          | Flow                             | Tbg                          | 24/64         |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 AM 2-4-79

|                                                          |                                   |                     |
|----------------------------------------------------------|-----------------------------------|---------------------|
| Well opened at (hour, date): 9:15 AM 2-5-79              | Upper<br>Completion               | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                |                                   | X                   |
| Pressure at beginning of test.....                       | 441                               | 242                 |
| Stabilized? (Yes or No).....                             | No                                | No                  |
| Maximum pressure during test.....                        | 445                               | 242                 |
| Minimum pressure during test.....                        | 441                               | 24                  |
| Pressure at conclusion of test.....                      | 445                               | 24                  |
| Pressure change during test (Maximum minus Minimum)..... | + 4                               | - 218               |
| Was pressure change an increase or a decrease?.....      | Increase                          | Decrease            |
| Well closed at (hour, date): 3:15 PM 2-5-79              | Total Time On<br>Production 6 Hrs |                     |
| Oil Production                                           | Gas Production                    |                     |
| During Test: 1 bbls; Grav. 39.2                          | During Test 10 MCF; GOR 10,000    |                     |
| Remarks                                                  |                                   |                     |

FLOW TEST NO. 2

|                                                          |                                   |                     |
|----------------------------------------------------------|-----------------------------------|---------------------|
| Well opened at (hour, date): 9:15 AM 2-6-79              | Upper<br>Completion               | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                | X                                 |                     |
| Pressure at beginning of test.....                       | 446                               | 315                 |
| Stabilized? (Yes or No).....                             | Yes                               | No                  |
| Maximum pressure during test.....                        | 446                               | 343                 |
| Minimum pressure during test.....                        | 79                                | 315                 |
| Pressure at conclusion of test.....                      | 79                                | 343                 |
| Pressure change during test (Maximum minus Minimum)..... | - 367                             | + 28                |
| Was pressure change an increase or a decrease?.....      | Decrease                          | Increase            |
| Well closed at (hour, date) 2:15 PM 2-6-79               | Total time on<br>Production 5 Hrs |                     |
| Oil Production                                           | Gas Production                    |                     |
| During Test: 1 bbls; Grav. 38.6                          | During Test 20 MCF; GOR 20,000    |                     |
| Remarks Annual Test                                      |                                   |                     |

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

|                                        |                                     |
|----------------------------------------|-------------------------------------|
| Approved _____ 19                      | Operator Atlantic Richfield Company |
| New Mexico Oil Conservation Commission | By <u>L. C. Hudry</u>               |
| Orig. Signed by<br>Larry Sexton        | L. C. Hudry                         |
| Title Dist. L. Supv.                   | Title Sr. Operations Engineer       |
|                                        | Date 2-7-79                         |