

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                      |           |           |                        |                              |                                   |                               |  |            |
|--------------------------------------|-----------|-----------|------------------------|------------------------------|-----------------------------------|-------------------------------|--|------------|
| Operator<br>ARCO Oil and Gas Company |           |           | Lease<br>S. J. Sarkeys |                              |                                   | Well<br>No. 5                 |  |            |
| Location<br>of Well                  |           | Unit<br>0 | 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                       | Tubb      |           |                        | Gas                          | Flow                              | Tbg.                          |  | 64/64      |
| Lower<br>Compl                       | Wantz-Abo |           |                        | Oil                          | Flow                              | Tbg.                          |  | 24/64      |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 A.M. 2-14-83

|                                                          |                                     |                     |
|----------------------------------------------------------|-------------------------------------|---------------------|
| Well opened at (hour, date): 9:30 A.M. 2-15-83           | Upper<br>Completion                 | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                |                                     | X                   |
| Pressure at beginning of test.....                       | 293                                 | 475                 |
| Stabilized? (Yes or No).....                             | No                                  | No                  |
| Maximum pressure during test.....                        | 300                                 | 475                 |
| Minimum pressure during test.....                        | 293                                 | 36                  |
| Pressure at conclusion of test.....                      | 300                                 | 36                  |
| Pressure change during test (Maximum minus Minimum)..... | +7                                  | -439                |
| Was pressure change an increase or a decrease?.....      | Increase                            | Decrease            |
| Well closed at (hour, date): 2:30 P.M. 2-15-83           | Total Time On<br>Production 5 Hours |                     |
| Oil Production                                           | Gas Production                      |                     |
| During Test: 1 bbls; Grav. 39.3                          | During Test 27 MCF; GOR 27000       |                     |
| Remarks Annual Test                                      |                                     |                     |

FLOW TEST NO. 2

|                                                          |                                     |                     |
|----------------------------------------------------------|-------------------------------------|---------------------|
| Well opened at (hour, date): 9:30 A.M. 2-16-83           | Upper<br>Completion                 | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                | X                                   |                     |
| Pressure at beginning of test.....                       | 310                                 | 473                 |
| Stabilized? (Yes or No).....                             | No                                  | No                  |
| Maximum pressure during test.....                        | 310                                 | 477                 |
| Minimum pressure during test.....                        | 163                                 | 473                 |
| Pressure at conclusion of test.....                      | 163                                 | 477                 |
| Pressure change during test (Maximum minus Minimum)..... | -147                                | +4                  |
| Was pressure change an increase or a decrease?.....      | Decrease                            | Increase            |
| Well closed at (hour, date): 2:30 P.M. 2-16-83           | Total time on<br>Production 5 Hours |                     |
| Oil Production                                           | Gas Production                      |                     |
| During Test: 0 bbls; Grav. -                             | During Test 60 MCF; GOR -           |                     |
| REMARKS: Annual Test                                     |                                     |                     |

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

Approved: FEB 23 1983 19  
Oil Conservation Division  
By DISTRICT SUPERVISOR

Operator ARCO Oil and Gas Company  
By [Signature]  
Title Engineering Technician