

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Case 1609  
Exhibit 4

|  |                  |                  |                              |                                  |                              |  |  |  |
|--|------------------|------------------|------------------------------|----------------------------------|------------------------------|--|--|--|
| Operator<br><b>Continental Oil Company</b> |                  |                  | Lease<br><b>Barren Unit</b>  |                                  |                              | Well<br>No. <b>10</b>                    |  |  |
| Location<br>of Well                        |                  | Unit<br><b>B</b> | Sec<br><b>28</b>             | Twp<br><b>20</b>                 | Rge<br><b>38</b>             | County<br><b>Lea</b>                     |  |  |
| 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                             | <b>Blinsbury</b> |                  | <b>Oil</b>                   | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>10/64</b>                             |  |  |
| Lower<br>Compl                             | <b>Tubb</b>      |                  | <b>Gas</b>                   | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>10/64-1 1/4/64<br/>1 1/2/64-20/64</b> |  |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 A.M., 2-6-59

Well opened at (hour, date): 9:00 A.M., 2-9-59

|  | Upper<br>Completion   | Lower<br>Completion |
|--|---|---------------------|
| Indicate by ( X ) the zone producing.....                        |   | <b>X</b>            |
| Pressure at beginning of test.....                               | <b>1613</b>   | <b>2098</b>         |
| Stabilized? (Yes or No).....                                     | <b>Yes</b>  | <b>Yes</b>          |
| Maximum pressure during test.....                                | <b>1644</b>   | <b>2098</b>         |
| Minimum pressure during test.....                                | <b>1613</b>   | <b>843</b>          |
| Pressure at conclusion of test.....                              | <b>1644</b>   | <b>843</b>          |
| Pressure change during test (Maximum minus Minimum).....         | <b>31</b>   | <b>1255</b>         |
| Was pressure change an increase or a decrease?.....              | <b>Incr.</b>  | <b>Deer.</b>        |
| Well closed at (hour, date): <u>2:45 P.M., 2-10-59</u>           | Total Time On<br>Production <b>29:45</b>                          |                     |
| Oil Production<br>During Test: <b>47</b> bbls; Grav. <b>60.9</b> | Gas Production<br>During Test: <b>1902</b> MCF; GOR <b>40,468</b> |                     |
| Remarks _____  |   |                     |

FLOW TEST NO. 2

Well opened at (hour, date): 9:45 A.M., 2-11-59

|  | Upper<br>Completion  | Lower<br>Completion |
|--|--|---------------------|
| Indicate by ( X ) the zone producing.....                        | <b>X</b>   |                     |
| Pressure at beginning of test.....                               | <b>1662</b>  | <b>2040</b>         |
| Stabilized? (Yes or No).....                                     | <b>Yes</b>   | <b>Yes</b>          |
| Maximum pressure during test.....                                | <b>1662</b>  | <b>2060</b>         |
| Minimum pressure during test.....                                | <b>211</b>   | <b>2040</b>         |
| Pressure at conclusion of test.....                              | <b>211</b>   | <b>2060</b>         |
| Pressure change during test (Maximum minus Minimum).....         | <b>1451</b>  | <b>20</b>           |
| Was pressure change an increase or a decrease?.....              | <b>Deer.</b>   | <b>Incr.</b>        |
| Well closed at (hour, date): <u>9:00 A.M., 2-12-59</u>           | Total time on<br>Production <b>23:15</b>                         |                     |
| Oil Production<br>During Test: <b>24</b> bbls; Grav. <b>34.6</b> | Gas Production<br>During Test: <b>431</b> MCF; GOR <b>17,998</b> |                     |
| Remarks _____  |  |                     |

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

Approved \_\_\_\_\_ 19\_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator **Continental Oil Company**

By *J. Howard*

By \_\_\_\_\_

Title **Gas Tester**

Title \_\_\_\_\_

Date **2-12-59**

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NO. 319-C. MILLIMETERS. 180 BY 250 DIVISIONS.

