

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 <b>Gulf Oil Corporation</b> |                           |               | Lease <b>Learcy McBuffington</b> |                               |                           | Well No. <b>7</b> |  |
| Location of Well                     | Unit <b>M</b>             | Sec <b>13</b> | Twp <b>25</b>                    | Rge <b>37</b>                 | County <b>Lea</b>         |                   |  |
|                                      | Name of Reservoir or Pool |               | Type of Prod (Oil or Gas)        | Method of Prod Flow, Art Lift | Prod. Medium (Tbg or Csg) | Choke Size        |  |
| Upper Compl                          | <b>Justis Glorieta</b>    |               | <b>Gas</b>                       | <b>Flow</b>                   | <b>Tbg.</b>               | <b>-</b>          |  |
| Lower Compl                          | <b>Justis Tubb</b>        |               | <b>Oil</b>                       | <b>Pump</b>                   | <b>Tbg.</b>               | <b>2" W.O.</b>    |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:15 A.M. 4-5-76

| Well opened at (hour, date):                             | Upper Completion         | Lower Completion       |
|--|--------------------------|------------------------|
| <u>10:15 A.M. 4-6-76</u>                                 |                          |                        |
| Indicate by ( X ) the zone producing.....                |                          | <u>X</u>               |
| Pressure at beginning of test.....                       | <u>795</u>               | <u>275</u>             |
| Stabilized? (Yes or No).....                             | <u>yes</u>               | <u>yes</u>             |
| Maximum pressure during test.....                        | <u>820</u>               | <u>275</u>             |
| Minimum pressure during test.....                        | <u>795</u>               | <u>62</u>              |
| Pressure at conclusion of test.....                      | <u>820</u>               | <u>62</u>              |
| Pressure change during test (Maximum minus Minimum)..... | <u>+25</u>               | <u>-213</u>            |
| Was pressure change an increase or a decrease?.....      | <u>incr.</u>             | <u>decr.</u>           |
| Well closed at (hour, date):                             | Total Time On Production |                        |
| <u>10:15 A.M. 4-7-76</u>                                 | <u>24 hrs.</u>           |                        |
| Oil Production   | Gas Production           |                        |
| During Test: <u>3</u> bbls; Grav. <u>37.2</u>            | During Test <u>32.0</u>  | MCF; GOR <u>10,667</u> |

Remarks \_\_\_\_\_

FLOW TEST NO. 2

|  |                          |                   |
|--|--------------------------|-------------------|
| Well opened at (hour, date):                             | Upper Completion         | Lower Completion  |
| <u>10:15 A.M. 4-8-76</u>                                 |                          |                   |
| Indicate by ( X ) the zone producing.....                | <u>X</u>                 |                   |
| Pressure at beginning of test.....                       | <u>837</u>               | <u>276</u>        |
| Stabilized? (Yes or No).....                             | <u>Yes</u>               | <u>Yes</u>        |
| Maximum pressure during test.....                        | <u>837</u>               | <u>285</u>        |
| Minimum pressure during test.....                        | <u>60</u>                | <u>276</u>        |
| Pressure at conclusion of test.....                      | <u>60</u>                | <u>285</u>        |
| Pressure change during test (Maximum minus Minimum)..... | <u>-777</u>              | <u>+ 9</u>        |
| Was pressure change an increase or a decrease?.....      | <u>decr.</u>             | <u>incr.</u>      |
| Well closed at (hour, date)                              | Total time on Production |                   |
| <u>10:15 A.M. 4-9-76</u>                                 | <u>24 hrs.</u>           |                   |
| Oil Production   | Gas Production           |                   |
| During Test: <u>0</u> bbls; Grav. <u>-</u>               | During Test <u>791.0</u> | MCF; GOR <u>-</u> |

Remarks \_\_\_\_\_

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

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

By \_\_\_\_\_  
Title \_\_\_\_\_

Operator Gulf Oil Corporation  
By Original signed by N. G. Hallmark

Title Well Tester  
Date April 23, 1976