

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

State NCT-1 (3m)

|   |                  |                 |                                   |                                  |                              |               |
|---|------------------|-----------------|-----------------------------------|----------------------------------|------------------------------|---------------|
| Operator<br><b>Gulf Oil Corporation</b> |                  |                 | Lease<br><b>Lea State (NCT-A)</b> |                                  | Well<br>No. <b>1</b>         |               |
| Location<br>of Well                     | Unit<br><b>A</b> | Sec<br><b>2</b> | Twp<br><b>36-S</b>                | Rge<br><b>32-E</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>Wolfcamp</b>  |                 | <b>Oil</b>                        | <b>Flow</b>                      | <b>Tubing</b>                | <b>26/64"</b> |
| Lower<br>Compl                          | <b>Devonian</b>  |                 | <b>Oil</b>                        | <b>Pump</b>                      | <b>Casing</b>                | <b>2" WD</b>  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 AM 4-5-65

|  | Upper<br>Completion                         | Lower<br>Completion |
|--|---|---------------------|
| Well opened at (hour, date): <u>10:30 AM 4-6-65</u>      |   |                     |
| Indicate by ( X ) the zone producing.....                | <u>X</u>                                    |                     |
| Pressure at beginning of test.....                       | <u>920</u>                                  | <u>23</u>           |
| Stabilized? (Yes or No).....                             | <u>Yes</u>                                  | <u>Yes</u>          |
| Maximum pressure during test.....                        | <u>920</u>                                  | <u>29</u>           |
| Minimum pressure during test.....                        | <u>377</u>                                  | <u>23</u>           |
| Pressure at conclusion of test.....                      | <u>377</u>                                  | <u>29</u>           |
| Pressure change during test (Maximum minus Minimum)..... | <u>543</u>                                  | <u>6</u>            |
| Was pressure change an increase or a decrease?.....      | <u>Decrease</u>                             | <u>Increase</u>     |
| Well closed at (hour, date): <u>10:30 AM 4-7-65</u>      | Total Time On<br>Production <u>2 1/4</u>    |                     |
| Oil Production   | Gas Production                              |                     |
| During Test: <u>295</u> bbls; Grav. <u>39.1</u> ;        | During Test <u>667</u> MCF; GOR <u>2261</u> |                     |
| Remarks _____  |   |                     |

FLOW TEST NO. 2

|  | Upper<br>Completion                         | Lower<br>Completion |
|--|---|---------------------|
| Well opened at (hour, date): <u>10:30 AM 4-8-65</u>      |   |                     |
| Indicate by ( X ) the zone producing.....                |   | <u>X</u>            |
| Pressure at beginning of test.....                       | <u>919</u>                                  | <u>29</u>           |
| Stabilized? (Yes or No).....                             | <u>Yes</u>                                  | <u>Yes</u>          |
| Maximum pressure during test.....                        | <u>948</u>                                  | <u>150</u>          |
| Minimum pressure during test.....                        | <u>919</u>                                  | <u>29</u>           |
| Pressure at conclusion of test.....                      | <u>948</u>                                  | <u>87</u>           |
| Pressure change during test (Maximum minus Minimum)..... | <u>29</u>                                   | <u>121</u>          |
| Was pressure change an increase or a decrease?.....      | <u>Increase</u>                             | <u>Increase</u>     |
| Well closed at (hour, date) <u>10:30 AM 4-9-65</u>       | Total time on<br>Production <u>2 1/4</u>    |                     |
| Oil Production   | Gas Production                              |                     |
| During Test: <u>66</u> bbls; Grav. <u>49.1</u> ;         | During Test <u>66.6</u> MCF; GOR <u>969</u> |                     |
| 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 Gulf Oil Corporation

By \_\_\_\_\_  
Signed By:

By \_\_\_\_\_

Title Well Tester

Title \_\_\_\_\_

Date April 12, 1965

