

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                         |                           |                  |                                       |                               |                           |                      |  |
|-----------------------------------------|---------------------------|------------------|---------------------------------------|-------------------------------|---------------------------|----------------------|--|
| Operator<br><b>Gulf Oil Corporation</b> |                           |                  | Lease<br><b>Arnett-Ramsay (NCT-D)</b> |                               |                           | Well No.<br><b>8</b> |  |
| Location of Well                        | Unit<br><b>N</b>          | Sec<br><b>33</b> | Twp<br><b>21S</b>                     | Rge<br><b>36E</b>             | County<br><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>Jalnat</b>             |                  | <b>Oil</b>                            | <b>Flow</b>                   | <b>Tbg.</b>               | <b>32/64"</b>        |  |
| Lower Compl                             | <b>Dunice South</b>       |                  | <b>Oil</b>                            | <b>Pump</b>                   | <b>Tbg.</b>               | <b>2" WO</b>         |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:45 a.m., 9-26-66

Well opened at (hour, date): 8:45 a.m., 9-27-66

|                                                              | Upper Completion                        | Lower Completion       |
|--------------------------------------------------------------|-----------------------------------------|------------------------|
| Indicate by ( X ) the zone producing.....                    |                                         | <b>X</b>               |
| Pressure at beginning of test.....                           | <b>374</b>                              | <b>169</b>             |
| Stabilized? (Yes or No).....                                 | <b>Yes</b>                              | <b>Yes</b>             |
| Maximum pressure during test.....                            | <b>404</b>                              | <b>169</b>             |
| Minimum pressure during test.....                            | <b>374</b>                              | <b>22</b>              |
| Pressure at conclusion of test.....                          | <b>404</b>                              | <b>22</b>              |
| Pressure change during test (Maximum minus Minimum).....     | <b>30</b>                               | <b>147</b>             |
| Was pressure change an increase or a decrease?.....          | <b>Incr.</b>                            | <b>Decr.</b>           |
| Well closed at (hour, date): <u>8:45 a.m., 9-28-66</u>       | Total Time On Production <b>24 hrs</b>  |                        |
| Oil Production During Test: <u>3</u> bbls; Grav. <u>37.1</u> | Gas Production During Test <u>181.0</u> | MCF; GOR <u>60,333</u> |
| Remarks _____                                                |                                         |                        |

FLOW TEST NO. 2

Well opened at (hour, date): 8:45 a.m., 9-29-66

|                                                              | Upper Completion                         | Lower Completion        |
|--------------------------------------------------------------|------------------------------------------|-------------------------|
| Indicate by ( X ) the zone producing.....                    | <b>X</b>                                 |                         |
| Pressure at beginning of test.....                           | <b>424</b>                               | <b>173</b>              |
| Stabilized? (Yes or No).....                                 | <b>Yes</b>                               | <b>Yes</b>              |
| Maximum pressure during test.....                            | <b>424</b>                               | <b>180</b>              |
| Minimum pressure during test.....                            | <b>122</b>                               | <b>173</b>              |
| Pressure at conclusion of test.....                          | <b>122</b>                               | <b>180</b>              |
| Pressure change during test (Maximum minus Minimum).....     | <b>302</b>                               | <b>7</b>                |
| Was pressure change an increase or a decrease?.....          | <b>Decr.</b>                             | <b>Incr.</b>            |
| Well closed at (hour, date): <u>8:45 a.m., 9-30-66</u>       | Total time on Production <b>24 hrs</b>   |                         |
| Oil Production During Test: <u>7</u> bbls; Grav. <u>35.7</u> | Gas Production During Test <u>1004.0</u> | MCF; GOR <u>143,429</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 J. W. Davis  
By J. W. Davis  
Title Well Tester  
Date 10-3-66

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

# INSTRUCTIONS

1. The well shall be shut in and the completion shall be completed within the well and annulus. The completion shall be completed within seven days of the time the well is put on production and when the tubing head pressure is taken at any time that completion is taken.
2. At the time of the completion of the packer leakage test, the operator shall be so notified.
3. The completion shall be completed within the well and annulus. The completion shall be completed within seven days of the time the well is put on production and when the tubing head pressure is taken at any time that completion is taken.
4. For the purpose of the test, the well shall be shut in and the completion shall be completed within seven days of the time the well is put on production and when the tubing head pressure is taken at any time that completion is taken.

5. The completion shall be completed within the well and annulus.

6. The completion shall be completed within the well and annulus.

7. All pressures shall be measured and recorded at the beginning and end of the test.

8. The results of the test shall be reported to the operator within 15 days of the completion of the test.

The completion shall be completed within the well and annulus. The completion shall be completed within seven days of the time the well is put on production and when the tubing head pressure is taken at any time that completion is taken.

