

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Inc Lease O' Shea Well No. # 1 (MD)  
Location of Well: Unit F Sec. 3 Twp. 31 Rge. 13 County San Juan

|                  | Name of Reservoir or Pool | Type of Prod.<br>(Oil or Gas) | Method of Prod.<br>(Flow or Art. Lift) | Prod. Medium<br>(Tbg. or Csg.) |
|------------------|---------------------------|-------------------------------|----------------------------------------|--------------------------------|
| Upper Completion | Mesa Verde                | Gas                           | Flowing                                | Tbg.                           |
| Lower Completion | Dakota                    | Gas                           | Flowing                                | Tbg.                           |

## PRE-FLOW SHUT-IN PRESSURE DATA

|             | Hour, date<br>Shut-in | Length of<br>time shut-in | SI press.<br>psig | Stabilized?<br>(Yes or No) |
|-------------|-----------------------|---------------------------|-------------------|----------------------------|
| Upper Compl | 7-19-81               | 3-Days                    | 561               | No                         |
| Lower Compl | 7-19-81               | 3-Days                    | 723               | No                         |

## FLOW TEST NO. 1

Commenced at (hour, date)\* 7-21-81 Zone producing (~~Upper~~ or Lower): Lower

| Time<br>(hour, date) | Lapsed time<br>since* | Pressure     |              | Prod. Zone<br>Temp. | Remarks            |
|----------------------|-----------------------|--------------|--------------|---------------------|--------------------|
|                      |                       | Upper Compl. | Lower Compl. |                     |                    |
| 7-20-81              | 1-Day                 | 514          | 614          |                     | Both Zones Shut In |
| 7-21-81              | 2-Days                | 550          | 685          |                     | Both Zones Shut In |
| 7-22-81              | 3-Days                | 561          | 723          |                     | Both Zones Shut In |
| 7-23-81              | 1-Day                 | 563          | 360          |                     | Lower Zone Flowing |
| 7-24-81              | 2-Days                | 565          | 360          |                     | Lower Zone Flowing |

## Production rate during test

Oil:                      BOPD based on                      Bbls. in                      Hrs.                      Grav.                      GOR                       
Gas: 371 MCFPD; Tested thru (~~Orifice~~ or Meter):                      Meter

## MID-TEST SHUT-IN PRESSURE DATA

|             | Hour, date<br>Shut-in | Length of<br>time shut-in | SI press.<br>psig | Stabilized?<br>(Yes or No) |
|-------------|-----------------------|---------------------------|-------------------|----------------------------|
| Upper Compl |                       |                           |                   |                            |
| Lower Compl |                       |                           |                   |                            |

## FLOW TEST NO. 2

Commenced at (hour, date)\*\*                      Zone producing (Upper or Lower):                     

| Time<br>(hour, date) | Lapsed time<br>since ** | Pressure     |              | Prod. Zone<br>Temp. | Remarks |
|----------------------|-------------------------|--------------|--------------|---------------------|---------|
|                      |                         | Upper Compl. | Lower Compl. |                     |         |
|                      |                         |              |              |                     |         |
|                      |                         |              |              |                     |         |
|                      |                         |              |              |                     |         |
|                      |                         |              |              |                     |         |
|                      |                         |              |              |                     |         |
|                      |                         |              |              |                     |         |

## Production rate during test

Oil:                      BOPD based on                      Bbls. in                      Hrs.                      Grav.                      GOR                       
Gas:                      MCFPD; Tested thru (Orifice or Meter):                      Meter

REMARKS:                     

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

Approved: AUG 13 1981  
Oil Conservation Division

Original Signed by CHARLES GHOLSON

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Consolidated Oil & Gas Inc

By                     

Title Production Superintendent

Date

## LATEST NEW MUSIC + BACKER LEAKAGE TEST INSTRUCTIONS

[illegible]

At the commencement of any packet leakage test to be conducted under the provision in writing of the exact time the test is to be conducted, test operators shall also be so notified.

2. The first page of the report shall commence when both zones of the dual  
control system have reached stabilization. Both pages shall re-  
main stabilized in each hour thereafter. If each hour stabilized, provided  
that the second page remains stable for seven days.

4. If the shut-in test on any one of the dual completion shall be produced at a rate of 100 barrels or more per day while the other zone remains shut-in, the shut-in test shall be continued for seven days in the case of a gas well and for five days in the case of an oil well. Thereafter, if, on an initial period of 24 hours, the well is being flowed to the atmosphere due to the fact that the shut-in test with flow period shall be three hours.

At the completion of Flow Test No. 1, the well shall again be shut-in and stabilized with the pump off.

1. The test of 13.8.1. is conducted when the no leak was indicated. The test of 13.8.2. is conducted when the leak was indicated. The procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1, except that a specially produced wire shall be used in the test of 13.8.2. which was specially produced for this test.

[illegible]

When the test is started, all pressure in the test chamber shall be continuously monitored and recorded. When the test is started, the accuracy of which must be checked at the following points: at the beginning and once at the end of each test, with a decreasing pressure curve. It will be a case of a calculated deformation, the recording time shall be recorded on the test, and the actual pressure is required above the test of the gas.

[illegible]