

STATE OF NEW MEXICO  
ENERGY and MINERALS  
DEPARTMENT

## OIL CONSERVATION DIVISION

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease WALLER Well No. 1ALocation of Well: Unit P Sect 11 Twp. 032N Rge. 011W 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 | PICTURED CLIFFS           | Gas                           | Flow                                   | Tubing                         |
| Lower Completion | MESAVERDE                 | Gas                           | Artificial                             | Tubing                         |

## PRE-FLOW SHUT-IN PRESSURE DATA

| Upper Completion | Hour, date shut-in<br>8/13/98 | Length of time shut-in<br>192 Hours | SI press. psig<br>290 | Stabilized? (Yes or No) |
|------------------|-------------------------------|-------------------------------------|-----------------------|-------------------------|
| Lower Completion | 8/13/98                       | 144 Hours                           | 200                   |                         |

## FLOW TEST NO. 1

| Commenced at (hour,date)*<br>8/19/98 |                       | Zone producing (Upper or Lower)<br>LOWER |                  |
|--------------------------------------|-----------------------|------------------------------------------|------------------|
| TIME<br>(hour,date)                  | LAPSED TIME<br>SINCE* | PRESSURE                                 |                  |
|                                      |                       | Upper Completion                         | Lower Completion |
| 8/20/98                              | 168 Hours             | 290                                      | 110              |
| 8/21/98                              | 192 Hours             | 290                                      | 100              |
|                                      |                       |                                          |                  |
|                                      |                       |                                          |                  |
|                                      |                       |                                          |                  |
|                                      |                       |                                          |                  |
|                                      |                       |                                          |                  |

RECEIVED  
JAN 21 1999OIL CON. DIV.  
DIST. 3

Production rate during test

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

## MID-TEST SHUT-IN PRESSURE DATA

| Upper Completion | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |
|------------------|--------------------|------------------------|----------------|-------------------------|
| Lower Completion | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |

(Continue on reverse side)

FLOW TEST NO. 2

[illegible]

Production rate during test

!!O

BOPD based on

Bbls. in

Hours

GRAY.

GOR

Gas

MCFPD: Tested thru (Orifice or Meter):

Remarks:

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

Approved

New Mexico Oil Conservation Division

By

DEPUTY CHIEF OF POLICE, DIST. #3

will

Date \_\_\_\_\_

Monday, October 05, 1998

By

John Day

Title

## Operations Associate

Date \_\_\_\_\_

Monday, October 05, 1998

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

that the previously produced zone shall remain shut-in while the zone which was previously

shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight

Այնուհետև ԴՀԿԿ-ի Կոմիտեի անդամները հանդիպեցին Կոմիտեի անդամներին և քննարկեցին Կոմիտեի աշխատանքի մասին:

least one time during each flow period (at approximately the midway point), at each flow period, 7-day test: immediately prior to the beginning of each flow period, at the end of each flow period, and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be recorded as well, which have previously been determined to be of value.

measured and recorded with recording pressure gauges the accuracy of which must be

deadweight pressure gauge. If a well is a gas-oil or an oil-gas completion, the recording device shall be required on the oil zone only, with deadweight pressures as required above.

8 The results of the above described test shall be filed in triplicate within 15 days after

completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packet Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

1. A packer leakage test shall be commenced on each multiply completed well within seven days after aerial completion of the well, and annually thereafter as prescribed by the multiple authorizing the multiple completion. Such tests shall also be commenced on all treatment, and whenever remedial work has been done on a well during which the packer or tubing have been distributed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head operators shall also be so notified.

pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

9. For flow test No. 1, one zone of the well remains shut-in. Such test shall be continued for rate of production while the other zone remains shut-in. The test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an oil well, the gas well is being flowed to the atmosphere due to lack of a suitable outlet, the gas well shall be shut-in and the test shall be continued for the same period of time.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with the following:

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except with Paragraph 3 above.