

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONOCO INC Lease SAN JUAN 28-7 UNIT Well No. 71 (PM)  
Location of Well: Unit L Sec. 34 Twp. 28 Rge. 07 County RIO ARRIBA

|                  | 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 CLIFF            | GAS                           | FLOW                                   | TBG.                           |
| Lower Completion | MESA VERDE                | GAS                           | FLOW                                   | TBG.                           |

PRE-FLOW SHUT-IN PRESSURE DATA

|                  | Hour, date shut-in | Length of time shut-in | SI press. psig | Stabilized? (Yes or No) |
|------------------|--------------------|------------------------|----------------|-------------------------|
| Upper Completion | 06-10-96           | 7-DAYS                 | 342            | NO                      |
| Lower Completion | 06-10-96           | 7-DAYS                 | 460            | NO                      |

FLOW TEST NO. 1

| Commenced at (hour, date)* |                       | PRESSURE         |                  | PROD. ZONE TEMP. | REMARKS             |
|----------------------------|-----------------------|------------------|------------------|------------------|---------------------|
| TIME<br>(hour, date)       | LAPSED TIME<br>SINCE* | Upper Completion | Lower Completion |                  |                     |
| 06-15-96                   | 1-Day                 | 305              | 320              |                  | BOTH ZONES SHUT -IN |
| 06-16-96                   | 2-Days                | 311              | 350              |                  | BOTH ZONES SHUT -IN |
| 06-17-96                   | 3-Days                | 342              | 460              |                  | BOTH ZONES SHUT -IN |
| 06-18-96                   | 1-Day                 | 355              | 305              |                  | LOWER ZONE FLOWING  |
| 06-19-96                   | 2-Days                | 357              | 291              |                  | LOWER ZONE FLOWING  |

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

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

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JUL 1 1 1996

OIL CON. DIV.  
DIST. 3

(Continue on reverse side)

FLOW TEST NO. 2

Zone producing Upper or Lower

action rate during test

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House.

Gray.

GOR

MCFPD: Tested thru (Office or Meter):

תאריך: \_\_\_\_\_

By certifying that the information herein contained is true and complete to the best of my knowledge.

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Mexico Oil Conservation Division

086 11 706

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**Operator**

**CONOCO INC**

By

**Tide**

Date \_\_\_\_\_

Deputy Oil & Gas Inspector

Johny Johnson

Let leakage test shall be commenced on each multiply completed well within  
after actual completion of the well, and annually thereafter as prescribed by the  
completion within seven days following recompletion and/or chemical or frac-  
ment, and whenever remedial work has been done on a well during which the  
ing is suspected or when required by the Division.

current legislation shall commence when both zones of the dual completion are preserved stabilization. Both zones shall remain shut-in until the well-head reach has stabilized, provided however, that they need not remain shut-in more than 90 days.

connection the flow period shall be three hours.

A comparison of flow from No. 1. The well shall again be shut-in, in accordance with paragraph 3 above.

71 No. 2 shall be conducted even though no leak was indicated during flow procedure for flow item No. 2 is to be the same as for flow item No. 1 except

NORTHWEST NEW MEDCO 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 pressure gauge at time intervals as follows: 3 hour tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be required on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Asset District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Pocket Leasing Test Form R-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).