

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 SAN JUAN 29-7 UNIT Well No. 77A

Location

of Well: Unit O Sect 33 Twp. 029N Rge. 007W County RIO ARRIBA

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	MESAVERDE	Gas	Artificial	Tubing
Lower Completion	DAKOTA	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 10/5/97	Length of time shut-in 72 Hours	SI press. psig 224	Stabilized? (Yes or No)
Lower Completion	10/5/97	24 Hours	582	

FLOW TEST NO. 1

Commenced at (hour,date)* 10/6/97		Zone producing (Upper or Lower) LOWER	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE	
		Upper Completion	Lower Completion
10/7/97	48 Hours	226	114
10/8/97	72 Hours	226	104

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]

	Remarks:
Oil:	BOPD based on _____
Bbls. in _____	MCFPD, Tested thru (Office or Meter): _____
Hours.	
Grav.	
GOR	

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

Approved	DEC 29 1997	Operator	<i>Douglas Dyer, Inc.</i>
		By	<i>Walter Day</i>
		Title	<i>Operation Associate</i>
		Date	
		By	<i>Gleny Robinson</i>
		Title	Deputy Oil & Gas Inspector
		Date	

Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during flow Test No. 1.

Paragraph A above.

5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with the three hours.

gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be 30 hours.

of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a production while the other zone remains shut-in. Such test shall be continued for seven days if the case of a gas well and for 24 hours in the case of an oil-gas dual

4. For flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of stabilized, provided however, that they need not remain shut-in more than seven days.

pressures stabilization, both zones shall remain shut-in until the well-head pressure in each has been previously recorded. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

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 operators shall also be so notified, and at hourly intervals thereafter, including one pressure measurement immediately prior to the flow period, at least one time during each flow period (at the beginning of each flow-period, at fifteen minute intervals during the first hour).

1. Pressures for gas-zone tests must be measured on each zone with a deadweight tester, and at hourly intervals as follows: 3 hours test; immediately prior to the beginning of each flow-period, at fifteen minute intervals during the first hour).

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

Test from Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/07/78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only)