

# RECEIVED

JAN 02 1990

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

OIL CON. DIV  
DIST. 3

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Revised 10/01/78

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

### NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator AMOCO PRODUCTION CO. Lease Jacques Well No. 13  
 Location of Well: Unit E Sec. 25 Twp. 30N Rgc. 9W County S. Juan

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tub. or Cag.)
Upper Completion	Blanco Picture Cliff	Gas	Flow	tubing
Lower Completion	Basin Dakota	Gas	Flow	tubing

### PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	12-11-89	72	275	<u>Yes</u>
Lower Completion	12-11-89	72	650	<u>Yes</u>

### FLOW TEST NO. 1

Commenced at (Hour, date)*		PRESSURE		Zone producing (Upper or Lower)	
TIME (Hour, date)	LAPSED TIME SINCE*	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS
12-11	DAY 1	159	650		BOTH ZONES SHUT IN
12	DAY 2	257	650		BOTH ZONES SHUT IN
13	DAY 3	262	650		BOTH ZONES SHUT IN
14	DAY 4	275	650		TURNED ON P.C. ZONE
15	DAY 5	183	650		"
16	DAY 6	183	650		"

### 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				

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at (Hour, Date) **		PRESSURE		Zones producing (Upper or Lower)	
TIME (Hour, Date)	LAPSED TIME SINCE **	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav. \_\_\_\_\_ 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 JAN 02 1990 \_\_\_\_\_ 19 \_\_\_\_\_  
New Mexico Oil Conservation Division

Operator Amoco Prod. Co.

Original Signed by CHARLES GHOLSON  
By \_\_\_\_\_  
DEPUTY OIL & GAS INSPECTOR, DIST. #3

By [Signature]

Title Oper. Sup.

Title \_\_\_\_\_

Date 12/28/89

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such test shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. 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 operations shall also be so notified.
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 pressure on each has stabilized, provided however, that they need not remain shut-in more than seven days.
4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such 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 initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-oil tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 1 hour tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, at hourly intervals thereafter, including one pressure measurement immediately prior to conclusion of each flow period. 7-day tests: immediately prior to the beginning of flow period, at least one time during each flow period (at approximately the mid point) and immediately prior to the conclusion of each flow period. Other pressures be taken as desired, or may be required on wells which have previously shown a suitable test data.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuous measured and recorded with recording pressure gauges the accuracy of which are checked at least twice, once at the beginning and once at the end of each test, or 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.
8. The results of the above-described tests shall be filed in duplicate within 15 days completion of the test. Tests shall be filed with the Area District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form No. 1000 or such other form as may be required.