

I 32 29N 1.

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Revised 100

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator AMOCO PRODUCTION CO.

Lease Star BZ

Well No. 1

Location
of Well: Unit I Sec. 32 Twp. 29

Rgc. 10

County

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tub. or Csg.)
<i>Lwr</i> Upper Completion	Gallup State BZ #1	Oil	Flowing	tubing
<i>upr</i> Lower Completion	Chacra State By #1	Gas	Flowing	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	6-14-91 10 ⁰⁰ am	72	290	yes
Lower Completion	6-14-91 10 ⁰⁰ am	72	204	yes

FLOW TEST NO. 1

Commenced at Hour, date				Zone producing (Upper or Lower)	
TIME (Hour, date)	LAPSED TIME SINCE	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
6/14	DAY 1	220	150		BOTH ZONES SHUT IN
6/15	DAY 2	280	150		BOTH ZONES SHUT IN
6/16	DAY 3	290	200		BOTH ZONES SHUT IN
6/17	DAY 4	290	204		Both zones shut-in
6/18	DAY 5	290	190		Lower zone Flow
6/19	DAY 6	300	180		Lower zone Flow

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				

AUG 30 1991

OIL CON. DIV.
DIST. 3

(Continue on reverse side)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at _____, Date _____					
TIME (Hour, Day)	LAPSED TIME SINCE 00	PRESSURE		Zone producing (Upper or Lower)	
		Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS
				N/A	
				N/A	
				N/A	
				N/A	
				N/A	
				N/A	
				N/A	

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 AUG 30 1991 19 _____
New Mexico Oil Conservation Division

Operator AMOCO PRODUCTION CO.

By [Signature]

Title FIELD TEST CO-ORDINATOR

Date 8/5/91

By _____
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion 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 treatments, 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. Office operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure mobilization. Both zones shall remain shut-in until the well-head pressure in 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 34 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 Paragraph 3 above.
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

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

7. Pressure for gas-zone tests must be measured on each zone with a de pressure gauge at time intervals as follows: 3 hours test: immediately prior to the start of each flow-period, at fifteen-minute intervals during the first hour then hourly intervals thereafter, including one pressure measurement immediately prior to conclusion of each flow period. 7-day test: immediately prior to the beginning flow period, at least one time during each flow period (at approximately the point) and immediately prior to the conclusion of each flow period. Other tests for when as desired, or may be requested on wells which have previously the suitable test done.

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

8. The results of the above-described tests shall be filed in triplicate 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 10-01-78 with all deadweight pressure indicated thereon as well as the compressures (gas zones only) and gravity and GOR (oil zones only).