

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

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OIL CON. DIV.
DIST. 8

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONOCO INC Lease JOHNS Well No. 2A (PM)
Location of Well: Unit I Sec. 18 Twp. 32 Rge. 11 County SAN JUAN

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

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 10-04-95	Length of time shut-in 11-DAYS	SI press. psig 301	Stabilized? (Yes or No) NO
Lower Completion	Hour, date shut-in 10-04-95	Length of time shut-in 11-DAYS	SI press. psig 290	Stabilized? (Yes or No) NO

FLOW TEST NO. 1

Commenced at (hour, date)*		10-15-95		Zone producing (Upper or Lower):		UPPER
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS	
		Upper Completion	Lower Completion			
10-13-95	1-Day	262	249		BOTH ZONES SHUT - IN	
10-14-95	2-Days	263	285		BOTH ZONES SHUT - IN	
10-15-95	3-Days	301	290		BOTH ZONES SHUT - IN	
10-16-95	1-Day	140	299		LOWER ZONE FLOWING	
10-17-95	2-Days	140	301		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

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

Commenced at (hour, date) **				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

duction rate during test

l: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

s: _____ MCFPD: Tested thru (Orifice or Meter): _____

marks: _____

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

proved _____ 19 _____

New Mexico Oil Conservation Division

NOV 13 1995

DEPUTY OIL & GAS INSPECTOR

le _____

Operator _____ CONOCO INC.

By **DAN PHILLIPS**
Title **PRODUCTION SPECIALIST**

Date **CONOCO, INC.**

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A packer leakage test shall be commenced on each multiply completed well within _____ days after actual completion of the well, and annually thereafter as prescribed by the _____ or authorizing the multiple completion. Such tests shall also be commenced on all _____ multiple completions within seven days following recompletion and/or chemical or frac- _____ 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 com- _____ munication is suspected or when requested by the Division.

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 _____ raters shall also be so notified.

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

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 _____ 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.

Following completion of Flow Test No. 1, the well shall again be shut-in, in accor- _____ dance with Paragraph 3 above.

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 previous- _____ ly 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 hours tests: immediately prior to the begin- _____ ning 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 requested on wells which have previously shown ques- _____ tionable 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 record- _____ ing 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 triplicate within 15 days after _____ completion of the test. Tests shall be filed with the Astec District Office of the New Mexico _____ Oil Conservation Division on Northwest New Mexico Packer 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).