

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
OIL CON. DIV.
DIST. 3

Page 1
Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONOCO INC Lease STATE COM S Well No. 15A (FPM)
Location of Well: Unit D Sec. 36 Twp. 32 Rge. 12 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	FRUITLAND 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 FT 192 PC 390	Stabilized? (Yes or No) NO
Lower Completion	Hour, date shut-in 10-04-95	Length of time shut-in 11-DAYS	SI press. psig MV 0	Stabilized? (Yes or No) NO

FLOW TEST NO. 1

Commenced at (hour, date)* 10-15-95				Zone producing (Upper or Lower): MIDDLE	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE			REMARKS
		Upper Completion	Lower Completion	PROD. ZONE TEMP.	
10-13-95	1-Day	FT 190 PC 346	MV 0		BOTH ZONES SHUT -IN
10-14-95	2-Days	192 374	0		BOTH ZONES SHUT -IN
10-15-95	3-Days	192 390	0		BOTH ZONES SHUT -IN
10-16-95	1-Day	202 161	0		LOWER ZONE FLOWING
10-17-95	2-Days	202 153	0		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) 中中				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE 中中	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

duction rate during test

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

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

marks: _____

crebly 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 _____ 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 _____ 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 _____ in for pressure stabilization. Both zones shall remain shut-in until the well-head _____ 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 _____ of production while the other zone remains shut-in. Such test shall be continued for _____ 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 _____ 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- _____ dence 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 Aztec 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).