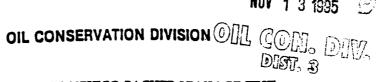


## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT



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

OperatorC	ONOCO INC		Lease	STATE CO	M S	Well No. 15A (FPM)	
• .	с 26 т	· 32	Røe.	12	· _ Coun	ty SAN JUAN	
NAME OF RESERVOIR OR POOL			TYPE OF PR	TYPE OF PROD. MI (Oll or Gae)		PROD. MEDIUM (Tbg. or Csg.)	
Upper FRUITLAND Completion PICTURED CLIFF			GAS	GAS FL		TBG.	
Completion MESA VERDE			GAS	FLOW		TBG.	
<del></del>		PRE-FLO	W SHUT-IN PI	RESSURE DATA			
Upper Completion 10-04-95 Length of time shut-in			S	Si press. paig FT PC	192 390	Stabilized? (Yes or No)  NO Stabilized? (Yes or No)	
Lower Hour, date sh	ut⊣n -04-95	Length of time shut- 11-DAY		SI press. paig	0	NO	
			FLOW TEST	NO. 1			
Commenced at (hour, date)# 10-15-95				Zone producing (Upper or Lowert:		MIDDLE	
TIME LAPSED TIME		PRESSURE  Upper Completion Lower Completion		PROD. ZONE TEMP.		REMARKS	
10-13-95	1-Day	<b>FT PC</b> 190 346	<b>MV</b>		BOTH ZO	DNES SHUT -IN	
10-14-95	2-Days	192 374	0		BOTH Z	DNES SHUT -IN	
10-15-95	3-Days	192 390	0		BOTH Z	ONES SHUT -IN	
10-16-95	12Day	202 161	0		LOWER	ZONE FLOWING	
10-17-95	2-Days	202 153	0		LOWER	ZONE FLOWING	
	BOF					. G12v GOR	
				PRESSURE DATA			
Upper Hour, date shut-in Length of time shu				SI press. paig Stabilized? (Yes or No)		Stabilized? (Yes or No)	
Lower Completion	shut-in	Length of time sh	nut-in	SI press. paig		Stabilized? (Yes or No)	

FLOW TEST NO. 2

	410) · · ·			Zone producing (Up)	per or Lowert:
TIME (how, date)	LAPSED TIME SINCE ++	PRE	SURE	PROD. ZONE	
		Upper Completion	Lewer Completion	TEMP.	REMARKS
	<u> </u>				<u>l</u>
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_			PD: Tested thru		Grav GOR ):
<del></del>				mplete to the hea	t of my knowledge.
		insen			CONOCO INC.
Mexico di	I Conservation D	ivision			DAN PHILLIPS
	NOV 1 3	1995	B	y <u> </u>	DANFRILLIFO
				DDOD	HICTION CDECIALIO
	DEPUTY OIL & GAS	INSPECTOR	T	ide FNUL	<u>OUCTION SPECIALIS</u>
L	CELOTE OIL & UAS	INSPESION			CONIOCO INIC
			D	ate	CONOCO. INC.

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A packer leakage test shall be commenced on each multiply completed well within in days after actual completion of the well, and annually thereafter as prescribed by the er authorizing the multiple completion. Such tests shall also be commenced on all tuple completions within seven days following recompletion and/or chemical or fractreatment, and whenever remedial work has been done on a well during which the ser or the tubing have been disturbed. Tests shall also be taken at any time that comnication is suspected or when requested by the Division.

and all Change dates in the

At least 72 hours prior to the commencement of any packer leakage test, the operator it notify the Division in writing of the exact time the test is to be commenced. Offset rators shall also be so notified.

The packer leakage test shall commence when both zones of the dual completion are t-in for pressure stabilization. Both zones shall remain shut-in until the well-head sture in each has stabilized, provided however, that they need not remain shut-in more n 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 an 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 accorsee with Paragraph 3 above.

Flow Test'No. 2 shall be conducted even though no leak was indicated during Flow  $\pi$  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 previously 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 beginning 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 pount) 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.

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 rwice, 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 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 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 Packet 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).