## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

TENNECO OIL CO.			Lease WARREN LS			No4	
	<u>H</u> Sec. 14 7				County	SAN JUAN	
NAME OF RESERVOIR OR POOL			TYPE OF PRO (Oil or Gas)	ROD. METHOD OF PROD		PROD: MEDIUM (Tbg. or Cag.)	
Upper empletion	- I		GAS	FLOW		TUBING	
t.oner empletion	BLANCO MESA VER		GAS	NONE		NONE	
			W SHUT-IN PR	ESSURE DATA			
Upper Mour, cate shullen		Length of time shut-in		Si press, psig		abilized? (Yes or No)	
	, date shut-th	Langth of time shut-	in S	Si press. paig	Sı	abilized? (Yes or No)	
			FLOW TEST N	iO. 1			
e vmenced as (h	our, date) *			Zone producing (Upper or Lower):			
TIME LAPSED TIME (hour, date) SINCE*		PRESSURE Upper Completion Lawer Complete		PROD. ZONE TEMP.		REMARKS	
				TEST,		E TO PERFORM PACKER MESA VERDE IS FAIRLY ABANDONED	
					PCT 2 0 19		
	rate during test				L CON.	. I	
)il:	BOI	PD based on	Bbls. in	Hours	G	rav GOR	
Jas:	NONE	MCF	PD; Tested thru	(Orifice or Mete	t):	NONE	
		мір-ті	EST SHUT-IN PI	RESSURE DATA			
Upper Completion	ur, date shut-in	Length of time shu		Si press paig		Stabilized? (Yes or No)	
Mour, date shul-in Length of time shul-			ul+n	Si press. paig	,	Stabilized? (Yes or No)	

(Continue on reverse side)

FLOW TEST NO. 2 menced at flour, date) ## Zane producing (Upper or Lowerk TIME LAPSED TIME PROD. ZONE ur, dete) SINCE ## Upper Completion REMARKS Production rate during test BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_ Hours. \_\_\_ Grav. \_\_\_ GOR \_\_ MCFPD: Tested thru (Orifice or Meter): \_\_\_ emarks: . hereby certify that the information herein contained is true and complete to the best of my knowledge. 2 U 19**86** Approved Operator. New Menico Oil Conservation Division JOHN CARTER Original Signed by CHARLES GHOLSON AGENT DEPUTY CIL & GAS INS ECTOR, DIST. 43

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date

A packer leakage test shall be commenced on each multiply completed well within to days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such term shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fr our treatment, and whenever remedial work has been done on a well during which the packet or the tubing have been duringed. Term shall also be taken at any time that communication is suspected or when requested by the Division

Title

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

The packer leakage test shall commence when both zones of the dual completion are intern for pressure rubilization. Both zoner shall remain shut-in until the well-head ressure to each has stabilized, provided however, that they need not remain shut-in more nan arven days.

- For Fion Ten No. 1, one zone of the dual coropletion shall be produced at the normal or of production while the other zone remains shuttin. Such sext shall be continued for on days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on mittal packer leakage tent, a gas well is being fle wed to the autosphere due to the lack of a popular connection the flow period shall be three hou
- feellowing completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- Flow Terr'No. 2 shall be conducted even though no leak was indicated during Plow Ten No. 1. Procedure for Flow Ten No. 2 is so be the same as for Flow Ten No. 1 except

that the previously produced zone shall remain shut-in while the zone which was prely shut-in is produced,

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- 7. Pressures for gas-200e tests must be measured on each zone with a dea pressure gauge at time intervals as folioses. 3 hours tests, immediately prior to the beginning of each flow-period, at fifteen minute intervals during the first hour thereof, and at any of each tion-period, at fifteen-manute intervals during the first hour thereof, and at bourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day term 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 questionable term date.
- 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, th ing gauge shall be required on the oil zone only, with desdweight pressures as required re being raken on the gra zone.
- 8. The results of the ab ove-described sess shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Arter District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leshage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flows temperatures (gas somes only) and gravity and GOR (oil somes only).