## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## **OIL CONSERVATION DIVISION**

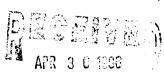
Page Revised 10/01/7

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	UNIO	N OIL COMPA	NY OF CALIFOR	RNIA Lease _	RINCON UN	IT.	Well 126
Location of Well:	Unit	N Sec. 27	DBA UNC <b>Twp.</b> 27	CAL <mark>'NRge</mark>	- 6W	Cou	RIO ARRIBA
		NAME OF RESERV	OIR OR POOL	TYPE OF		METHOD OF PRO	
Upper Completion	ВІ	_ANCO MESA	VERDE	GAS		FLOW	TURING
L <del>ower</del> Completion	BA	ASIN DAKOTA	4	GAS		FLOW	TURING
			PRE-FL	OW SHUT-IN F	PRESSURE DATA	A	
Upper Completion	Hour, date a	hulin 14, 1996	Length of time sh		St press. paig C:	SG. 450 BG. 140	Stabilized? (Yes or No)
	Hour, date s		Length of time en		SI press. psig	3G. 220	YFS. Stabilized? (Yes or No) NO
				FLOW TEST			
Conimenced	at (hour, dat	•• APRIL 17	<del>,</del>		Zone producing (L	oper or Lowerk	LOWER
TIM Shour, s		LAPSED TIME SINCE*	Upper Completion	Lower Completion	PROD. ZONE TEMP.		REMARKS
04/18/		24 HRS.	CSG. 450 TBG. 140	TBG. 95	61°	Q =	295 MCF/D
04/19/	′96	48 HRS.	CSG. 450 TBG. 140	TBG. 90	54°	Q =	_166_MCF/D
<del> </del>		<u></u>					<del></del>
Production	n rate du	uing test			<u> </u>	<u> </u>	
Oil:		BOP	D based on	Bbls. in	Hour	s C	Grav GOR
Gas:			MCF	PD; Tested thru	(Orifice or Mete	::):	
					RESSURE DATA		
Upper Completion	lour, date sh	ul-in	Length of lime shu	it-in	Si press, paig		Stabilized? (Yes or No)
Lower Completion	four, date sh	ut-In	Length of time shu	it-in	SI press. paig		Stabilized? (Yes or No)
					•		

(Continue on reverse side)





FLOW TEST NO. 2

	(hour, date) **		Zone producing (Upper or Lower):		
TIME (hour, date	LAPSED TIME	PRESSURE		PROD. ZONE	
	e) SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS
		i			
					-
				I	
				PERSONAL PROPERTY OF THE PERSON OF THE PERSO	
			_	·	
ឋ:		MCFP	D: Tested thru (		Grav GOR
<del></del>	ify that the information			plete to the best	of my knowledge.
	Johnny Rolunace DOIL Conservation Div	~ ]			
movea	part of the same o	<del> </del>	19 Op	erator <u>UNION</u>	OIL COMPANY OF CALIFORNIA DBA
Mari Maria					VILL GOLDSTON OF ONE IT OWNER DON
New Mexic	APR 3 (1996)		Ву	<u> </u>	Commi
			Ву	R.L. C	Commi

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been distributed. Tests shall also be taken at any time that communication 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 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 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.
- 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 24 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.
- 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 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 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 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 gau-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 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).