This form is <u>not</u> to be used for **reporting** packer leakage tests in Northwest New Mexico

New Mexico Oil Conservation Commission

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Title

## MEXICO OIL CONSERVATION COMMISSION

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

perator Shell 0	)il Company	у У		Lease State A				Well No. 2Y	
	nit H	Sec 36	Twp	 24–S	Rge	36-E		County	Lea
		L Paol	Type of		Method of			Medium	Choke Siz
Name of Reservoir or Pool           Jpper         Jalmat			(Oil or Gas		Flow, Art Lift Flow		(Tbg or Csg) Csg.		Open
ompl ower Langlie Mattix		011		Pump		Tbg.		Open	
Compl				V TEST I	NO 1			L	
		(hour data)							
		(hour, date):						Upper	Lower
		, date): <u>3-3-7</u>						mpletion	Completi
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		g of test							Yes
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hond [		n increase or a			Tot	tal Tir	ne On 🦳		
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By LS Muchaell for R. C. Cabaniss

Title Division Production Superintendent

Date\_\_\_\_\_\_March 23, 1970

1. A packer leakage test shall be commenced on a 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 lays 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 disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

2. At least 72 bours prior to the commencement of any packer leakage test, the operator shall notify, the Commission 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 and for a mini-mum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.

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 until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours. 5. Following completion of Flow Test No.201, the well shall again be shutin, in accordance with a aragraph 3 above  $3^{10}$  to the state of the sta

6. Flow Test No. 2 \_\_\_\_\_\_i 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 previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

beginning and once at the end, of each flow test.
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 appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts a well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-106 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.



