This form is not to

/ }	kage tests ist New Mexico			NEW MEXICO PACE			Well ,
	~	j-	11 0	76 Ca. Le	ase IV	T APACHE!	I No. 21
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of Well: Unit	<u>I</u> Sec. <u>S</u>	Tw	p. 2.5	TO Rge	· S	County of Prod	Prod. Medium
Name of Reservoir or Pool				(Oil or Gas)	Type of Prod. Method of Prod. (Oil or Gas) (Flow or Art. Lift)		(Tbg. or Csg.)
Upper Completion	Dildook					ارس	TUBING
Lower A 115005				LOW SHUT-IN PRESSURE DATA		<u> </u>	JUBING
Upper Hour, da		T	Tanabh	o f	ST nre	255.	Stabilized?
Compl Shut-i		06	time shu	t-in 2/6 HA	psi کے		(Yes or No) NO
Lower Hour, da	+ ~	i	Length (of t-in <i>72 H &</i>	12T bro		Stabilized? (Yes or No) Du
Compl Shut-i	n /////	ر دے د	CTHE SHO	FLOW TEST N	. J		
Commenced at (hour, date)*	-		Tune &	Zone Prod. Zone	oroducing (Upp	rer Lower):
1	Lapsed time since*	Unner	Pres	Lower Compl.	Temp.		marks
(hour, date)	STICE			· ·		2/42	1/
		2	35	420			AFTER S-I
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6-3-25	24485	2:	25	262			
6-3-7-5	48HRS	2%	78	236			
		 					
Production rat	e during te	1			<u> </u>		
0il: -4/2	BOPD ba	ased o	on_ <i>.83</i>	Bbls. in_	48 H	rs. Gr	avGOR <u>/7/0</u>
Gas: /	43	MCFPD	; Tested	thru (Opifica EST SHUT-IN PR	es Meter):	MOTER	
Upper Hour, da	t.e		Length		SI pr	ess.	Stabilized?
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Compl Shut-	Ln		CIME Site	FLOW TEST N	·~ ·		
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Commenced at	(hour, date)	**			Zone	producing (Upp	er or Lower):
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	Lapsed time				Zone	ne l	
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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 completion 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 disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
- At least 72 hours 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, 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.
- 5. Following completion of Flow Test No. 1, the well shall again be shutin, 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-hour 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 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 Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

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NEW MEXICO OIL CONSERVATION COMMISSION Revised 11-1-58 NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST Operator Continental Oil Co Lease AVI Amiche I No. Location County Prod. Medium _Rge._ Sec. 5 Twp. 25N of Well: Unit \overline{I} Type of Prod. Method of Prod. (Flow or Art. Lift) (Oil or Gas) (Tbg. or Csg.) Name of Reservoir or Pool Upper (30 x Completion Lower Completion Mesa Merde 6000 PRE-FLOW SHUT-IN PRESSURE DATA Length of SI press. Stabilized? Upper Hour, date 2.1 751 (Yes or No) time shut-in psig Compl Shut-in Length of Stabilized? SI press. Lower Hour, date time shut-in /67 Ar 1120 C (Yes or No) Compl Shut-in psig FLOW TEST NO. Zone producing (Upper or Lower): L Commenced at (hour, date)* Pressure Lapsed time Time Temp. Remarks Upper Compl. Lower Compl. (hour, date) since* يافضا أأسما 735 7 4 50 6130 ST 104 4/3 be ST 707.76 820 521 100 243V. 7-19.76 180 7-70-76 4850 Production rate during test D based on Bbls. in Hrs. Gr MCFPD; Tested thru (Orifice or Meter): GCMM __Grav.____GOR_ Oil: _______ BOPD based on 490 MID-TEST SHUT-IN PRESSURE DATA Stabilized? Length of SI press. Upper Hour, date (Yes or No) psig Shut-in time shut-in Compl SI press. Stabilized? Lower Hour, date Length of (Yes or No) psig time shut-in Compl Shut-in FLOW TEST NO. Zone producing (Upper or Lower): Commenced at (hour, date)** Pressure Prod. Zone Lapsed time Time Remarks Temp. since ** Upper Compl. Lower Compl. (hour, date) Production rate during test based on Bbls. in Hrs._____MCFPD; Tested thru (Orifice or Meter):____ BOPD based on Oil: Gas: communication I hereby certify that the information herein contained is true and complete to the best of my knowledge. Operator Continential Oil Company AUG 1 0 1976 19 By FT Chasez New Mexico Oil Conservation Commission Title Test Engliss, By 1. 6 Manual

Date 8-5-36

PETROLEUM ENCYNEER DIST. NO. 3

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