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## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

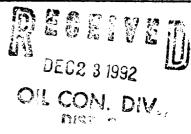
## **OIL CONSERVATION DIVISION**

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

SOL	JTHERN UNI	ION EXP. CO	Leuse_	JICARILLA	В	Well No.	5	
nit	9 Sec26	Twp. 26N	Rge	4W	Co	unty RIC	ARRIBA	
NAME OF RESERVOIR OR POOL				TYPE OF PROD. (Oil or das)		00.	PROD. MEDIUM (Tbg. or Cag.)	
TAPACITO PC			GAS	GAS			TUBING	
WILDHORSE DAKOTA			OIL		FLOW		TUBING	
		PRE-FLO	OW SHUT-IN I	PRESSURE DATA	1	· · · · · · · · · · · · · · · · · · ·		
ur, date si 08/	r, date shut-in Length of time shut-in 5 DAYS			Bi press, paig 275		Stabilized? (Yes	BUILTERS (Yes or No) YES	
			81 press, polg 570		Stabilized? (Yes or No)			
:			FLOW TEST	<u>Ņ</u> O. 1	1			
hour, date	·) *			Zorié productne (U	religners		<del></del>	
TIME LAPSED TIME (hour, date) SINCE®		Upper Completion	SURE Lower Completion	PROD. ZONE TEMP.		REMARKS		
91	24	275	421	0				
91	24	275	540	0				
91	24	275	570	0	LOWER ZONE ON ,			
91	24	275	310	0				
91	24	275	297	0	TEST COMPLETE			
	0	0	0	0		_		
ate du	ring test :				•			
0 BOPD		*						
<del></del>	BOPI	D D3560 _11	Bots, in	I		J	GOR	
1:		MCFP	D; Tested thru	(Otlfice or Mete		m , hm   1	<del></del>	
	. <del> </del>	MID-TE	ST SHUT-IN PI				·	
Hour, date shut in		Length of time shut	·ln	3) þiásá, þeig		Stabilized? (Yes or No)		
Hour, date shut-in		Length of time shut	Length of time shut-in		bi piese. peig		Stabilized? (Yes or No)	
	TAF WIII  TAF WIII  TAF WIII  TAF OS	NAME OF RESERVE   TAPACITO PC	NAME OF RESERVOIR OR POOL	NAME OF RESERVOIR OR POOL   TYPE OF (Oil or	NAME OF RESERVOIR OR POOL   TYPE OF PROD. (10) or das)	TAPACITO PC   GAS   FLOW	No.   No.	



FLOW TEST NO. 2 Commenced at (hour, date) \* \* Zone producing (Upper or Lower): PRESSURE TIME LAPSED TIME PROD. ZONE fhour, date! REMARKS **Upper Completion** Lower Completion TEMP. Production rate during test Oil: \_\_\_\_\_BOPD based on \_\_\_\_\_Bbls. in \_\_\_\_Hours. \_\_\_\_Grav. \_\_\_GOR \_\_\_\_ MCFPD: Tested thru (Orifice or Meter): Remarks:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

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New Mexico Oil Conservation Division							
Ву	Original Signed by CHARLES GHOLSON						
Tirle	DEPUTY OHL & GAS INSPECTOR, DIST. 第3						

Approved \_\_\_\_\_ DEC 2 3 1992

Title \_

Operator Southern Union ExploRation

## 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 packet or the tubing have been disturbed. 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.
- 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 How 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.
- 3. 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 temain 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 lifteen-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 texts: 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 dust 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 11 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).