This form is <u>not</u> to be used for reporting acker leakage tests n Southeast New Mexico

## NEW MEXICO OIL CONSERVATION DIVISION

Page 1 Revised 11/16/98

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

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Operator	CONOCOPHILLIP	S COMPANY 2	<u>17817</u> L	ease Name SA	AN JU	<u>AN 29-5 UNI</u>	Γ	No, <u>100</u>	
ocation O	f Well: Unit Letter	_G Sec	25 Twp	<u>29N</u> R	ge5	W API#	<u> </u>	30-039-22	<u>2534°</u>
				1 1 1					
	Name of Re	servoir or Pool	1	e of Prod. il or Gas)	1	Method of Pr Flow or Art.	`		Medium Or Csg.)
Upper Completion	n PKTURI	ED CLIFFS	or see a second	distant <b>GAS</b>			<b>3</b>	TUBING	
Lower Completion	n MESA	VERDE	GAS			FLOWING		TUBING	
Pre-Flow Shut-In Pressure Data									and the second
Upper Completion	Hour, Date, Shu	t-In		Time Shut-In	S	I Press. Psig : 175 < 59	28290	Stabilized?	(Yes or No)
Lower Hour, Date, Shut-In Silvan, 10-27-03			Length of Time Shut-In			175 < 55 I Press. Psig <sup>1</sup> 8 125	443 437	Stabilized? (	Yes or No)
			Flow T	est No. 1				aris per a la residencia. La residencia	or of the
Commence	d at (hour, date)*		As a green	Zone produc	cing (U	pper or Lowe	r):		
Time Hour, Date	Lapsed Time Since*	<u>Pre</u> Upper Compl.	ssure Lower Com		. Zone mp.	Remarks	ر در المنبوات. بدا		
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0/30/03		308	270	CSG-3	o <b>y</b>	MCC. Fras	1.14	44	10
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š: <u>* * * * * * * * * * * * * * * * * * *</u>	· ·	O; Test thru (Orifi	ce or Meter):	: 0/3	· · · · · ·		4		
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Upper	Hour, Date, Shut-		· · · · · · · · · · · · · · · · · · ·			<del></del>		Stabilized? (Yes or No)	
Lower impletion	Hour, Date, Shut-	Length of Tir	ength of Time Shut-In S			Sı	Stabilized? (Yes or No)		
			(Continue on	reverse side)		<u>.</u>			

## Flow Test No. 2

Commenced a	it (hour, date)**		Zo	ne producing (U	pper or Lower):
Time (Hour, Date)	Lapsed Time Since**	Pro Upper Compl.	essure Lower Compl.	Prod. Zone Temp.	Remarks
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Production rate of	during test  BOPD based	l on	Bbls. In	Hrs.	Grav. GOR.
ìas:	MCFP	D; Test thru (Orif	ice or Meter):		
kemarks:					
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Approved New Mexico Oil	l Consensation D		20		
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itle DEPUTY	OIL & GAS INSPE	CTOR, DIST. 💯		Date//	

## 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 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 Division.
- 2. At least 72 hours prior to the commencement of any packer leakage test, he 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 hut-in until the well-head pressure in each has stabilized, provided however, hat they need not remain shut-in more than seven days.
- For Flow Test No. 1, one zone of the dual completion shall be produced the normal rate of production while the other zone remains shut-in. Such st shall be continued for seven days in case of a gas well and 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well being flowed to the atmosphere due to the lack of a pipeline connection the ow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be shut-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 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, ence 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 assequired 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 11-16-98, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).