STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting packer leakage tests in Southeast New Mexico

## **OIL CONSERVATION DIVISION**

Page 1 Revised 10/01/78

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator B	BURLIN	GTON	RESOURC	ES OIL & C	SAS CO.		Lease	SAN JUAN 27-	5 UNIT		Well No.	64A	
Location													
of Well:	Unit	D	Sect	09	Twp.	027N	Rge.	005W	County	RIO ARRIBA			
			NAME O	RESERVO	IR OR POO	L	T	YPE OF PROD	METH	OD OF PROD.	PRO	DD. MEDIUM	
	L					. <u></u>		(Oil or Gas)	(Flov	w or Art. Lift)	C	Tbg. or Csg.)	
Upper Completion	PICT	TURED	CLIFFS					Gas		Flow		Tubing	
Lower Completion	: MECANEDDE							Gas		Flow		Casing	
					PRE-	FLOW SHUT-IN	PRESS	URE DATA	·				
Upper	Hour, date shut-in 5/4/98		Length	Length of time shut-in 96 Hours			SI press. psig 270		Stabilized? (Yes or No)				
Completion													
Lower Completion	5/4/98				48 Hours			292					
						FLOW TE	ST NO.	1					
Commenced	at (hour	,date)*			5/6/98			Zone producing (	Upper or L	ower) LO	WER		
TIME	I	LAPSED TIME			PRESSURE		PROD. ZONE						
(hour,date)		SINCE*		Upper Completion		Lower Completion		TEMP		REMARKS			
5/7/98		72 Hours		2	270 213								
5/8/98		96 H	ours	2	80	204				in)EC	国	<b>MEW</b>	
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						<del>- · · · · · · · · · · · · · · · · · · ·</del>						<u>. DUV₀</u> 3	
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Production rate	during	test	<del>-</del> :				·				-		
Oil:		BOPE	based on		Bbls. i	n	Hours.		Grav		GOR		
Gas:				MCFPD;	l'ested thru (	Orifice or Meter)	: _				<del></del>		
					MID-	TEST SHUT-IN	PRESSI	URE DATA					
Upper Completion	Hour	, date sh	ut-in	Length	of time shut-	in	SI pı	ress. psig		Stabilized? (Ye	s or No)	-	
Lower Completion	Hour, date shut-in		Length of time shut-in			SI pı	ress. psig		Stabilized? (Yes or No)				

(Continue on reverse side)

emarks:  MCFPD: Tested thru (Orifice or Meter):  emarks:  marks:  mark	menced at (hour, da				Zone producing (Upper	er Lowert		
TIME COOK, data)  Lawre Composition  Lower Composition  District ##  Upper Composition  Lower Composition  TEMP.  TO DETAIL TO THE DETAIL TO T		10) **	7 3081		nemarks.			
boduction rate during test    BOPD based on Bbls. in Hours GOR   MCFPD: Tested thru (Orifice or Meter):						псиниче		
BOPD based onBbls. inHoursGravGOR  MCFPD: Tested thru (Orifice or Meter):  marks:  hereby certify that the information herein contained is true and complete to the best of my knowledge  pproved	(hour, date)							
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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 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 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, 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 geven 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 shut-in, in accordance with Paragraph 5 above.
- 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 previous ly shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a des 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 term: immediately prior to the beginn 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 continue measured and recorded with recording pressure gauges the accuracy of which must be checked at least rwice, once at the beginning and once at the end of each cest, with a desdweight pressure gauge, if a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be sequired 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 \$5 days after completion of the test. Tests shall be filed with the Aztee 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).