# STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

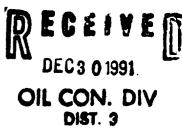
### OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	MOE	BIL PRODUCIN	G TX. & N.M.	INC.	Jicarilla	F	<b>Well No.</b> 5	
cation							Rio Arribba	
wen:	NAME OF RESERVOIR OR POOL			TYPE OF P (OII or G	ROD.	METHOD OF PROD. (Flow or Art LIII)	PROD, MEDIUM (Tbg. or Csg.)	
Upper Gavilan Pictured Cliffs				Gas	Gas Flo		TBG	
npiellon Blanco Mesa Verde			Gas	Gas Flo		TBG		
			PRE-FLO	OW SHUT-IN P	RESSURE DATA			
Hour, date shut-in Langth of time shut			in SI press. psig		S	Stabilized? (Yes or No)		
ipper npietion	11-9-91 3 days Hour, date shut-in Length of time shu			,	491#		YES Stabilized? (Yes or No)	
				ut-in -	Si press. paig 433#	ls		
nptetion	11-9-91		3 days	3 days		<u></u>	yes	
				FLOW TEST		pper or Lowert LC	)WER	
imenced	at (hour, dat	• <del>••</del> 11-14-91	2000	SURE				
TIME LAPSED TIME		Upper Completion	Lower Completion	PROD. ZONE TEMP.		REMARKS		
11-15		lst day	389#	433#	date	11-12-91	11-13-91	
11-16	-91	2nd day	344#	433#	upper	491#	491#	
					lower	433 <i>i</i> *	*433#	
						100	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
		uring test BOP	D based on	Bbls. i	n Hou	rs G	rav GOR	
25:	104		мс					
	T.:				RESSURE DATA		Stabilized? (Yes or No)	
Upper Hour, date shut-in Length of time shut				.⊌				
	Hour, date shul-in Length of time shul				li .		Stabilized? (Yes or No)	



#### FLOW TEST NO. 2

TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMA	ARKS ·
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					<del></del>	
roduction rate d	luring test					
il:	ВОРІ	D based on	Bbls. in	Hours.	Grav	GOR
					):	
						·
nereby certify th	nat the informatio	n herein containe	d is true and com	plete to the bes	t of my knowledge.	
oproved	DEC 3 0 199	31			IL EMP. & PROD.	U.S. INC.
<b>Ö</b> rigi	inal Signal by (13)		Ву		Effloys	
' <del></del>			Tit	PRODU	CTION TECH. I	
tle DEPUTY O	OIL & GAS INSPECTO	JR, DIS1. <b>#3</b> 	Dat	ic		

#### 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 temedial work has been done on a well during which the packer or the tubing have been dissurbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

Commenced at (hour, date) \*\*

- 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 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 shur-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 annual packen case of an oil well. Note: if, on an annual packen case of an oil well is being flowed to the authorphere due to the lack of a pipeling 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 3 above.
- 6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Prixedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except

- that the previously produced 200e shall remain shut-in while the 200e 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 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 tens: all pressures, throughout the entire tent, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be therefore at least twice, once at the beginning and once at the end of each tent, 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 Azter District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Parker 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).

