# STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

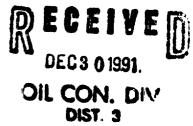
## OIL CONSERVATION DIVISION

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

Operator	MO	BIL PRODUCIN	G TX. & N.M.	INC. Lease _	Iicarilla_B	Well  Iicarilla B No. 5		
ocation of Well: U	Unit <u>A</u>	Sec20	Г <b>w</b> р. <u>26</u> N	Rge	03W	County	RioAribba-	
		NAME OF RESERVO	IR OR POOL	TYPE OF I	•	METHOD OF PROD. (Flow or Art. LIII)	PROD. MEDIUM (Tbg. or Csg.)	
Upper completion	i l'appoito Pioturod ('litta		Gas	F	low	TBG		
Lower completion			F	low	TBG			
			PRE-FL	ow shut-in i	RESSURE DATA			
Upper	Hour, date s	hut-in	Length of time shi	ut-in	SI press. psig	Stab	ilized? (Yes or No)	
completion 6:20 10-29-91  Lower Hour, date shut-in		Length of time shi	26 days		Stab	Ves Stabilized? (Yes or No)		
ompletion	10:02	11-24-91	<u>3 da</u>	FLOW TEST	NO. 1	<del></del>	yes	
onimenced i	at (hour, dat	•)* 11-27-9	1		Zone producing (Upper or Lower): LOWER			
TIME (hour, date)		LAPSED TIME SINCE*	PRES Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS		
11-28-	-91	lst day	424#	353#	date	11-25-91	<b>3 1 3 1 1 1 1 26 -91</b>	
11-29-	-91	2nd day	415#	353#	upper	443#	443#	
					lower_	359#	359#	
					**	INDIPECTOR, OF	KOPINI DO DO YORK	
roductio	n tate d	uring test						
Oil:	. t	BOPI	D based on	Bbls. i	n Hours	s Grav	GOR	
325:		29	MCF	PD; Tested thru	1 (Orifice or Mete	r): METER		
			MID-T	EST SHUT-IN P	RESSURE DATA			
Upper Completion	Hour, date shul-in Length of time shul-in		ul⊣n	Si press. psig		oilized? (Yes or No)		
Lower Completion		Length of time sh	Length of time shut-in		Stat	Stabilized? (Yes or No)		



#### FLOW TEST NO. 2

Zone producing (Upper or Lowert

TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS	
		N			n den je nej nee j See generalis	
Production rate of	during test		,			
Oil:	ВОР	D based on	Bbls. in	Hours.	Grav GOR	
Gas:		MCF.	PD: Tested thru	(Orifice or Meter)	:	
					exic. OF CY-	
I hereby certify t	hat the informati	on herein contain	ed is true and co	mplete to the best	of my knowledge.	
Approved	DEC 3 0 19	91	_19	Operator MOB	IL EXP. & PROD. U.S. INC.	
New, Mexico U	il Conservation I	Division	В	by 19	Hoyd	
Origina.	I Signed by CHARL	ës Gholson	Т	ide PRODUC	CTION TECH. I	
Title DEPUTY	OR & GAS INSPE	CTOR, DIST. #3		)ate	·	

#### 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.

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 thursin 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 gai well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage tests a gai well as being flowed to the aumosphere 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 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

8 . T. .

- 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 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 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 Azter 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).

