## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

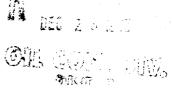
Page 1 Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	LOUI	S DREYFUS	NAT. GAS	CORP. Lease _	MKL		Wel No.	16R	
• .		Sec5	7wD 26N	Rge	7W	County	RI	O ARRIBA	
it wen.	NAME OF RESERVOIR OR POOL			TYPE OF P	I	METHOD OF PROD. (Flow or Art. Lift)		PROD. MEDIUM (Tbg. or Ceg.)	
Upper Completion	SOUTH BLANCO P.C.			GAS		FLOW		TBG.	
Lower Completion	OTERO CHACRA			GAS	FLOW		TBG.		
				OW SHUT-IN P	RESSURE DAT				
Upper completion 10-2-95				Length of time shut-in 3 days		123		Yes	
	Hour, date shul-in 10-2-95			Length of time shut-in 3 daYS		St press, pelg State 227		yes	
				FLOW TEST	NO. 1				
onimenced	at (hour, dat	•) *				(Upper or Lowerk			
	TIME LAPSED TIME (hour, date) SINCE*		PRESSURE Upper Completion Lower Completion		PROD. ZONE TEMP,		REMARKS		
10-5	5-95	1 day	123	108					
10-5	5-95	2 days	123	106					
roductio	on rate di	uring test							
Oil:		BOPI	D based on	Bbls. in	Ног	irs Gra	v	GOR	
Gas:	1	.68	мсғ	PD; Tested thru	(Orifice or Me	ter): <u>met</u>	er_		
			MID-TT	EST SHUT-IN P	RESSURE DAT	٨			
Upper Completion	Mour, date shut-in		Length of time shu	Length of time shut-in		St	Stabilized? (Yes or No)		
Lower	Mour, date shul-in		Length of time shi	Length of time shut-in		SI press. psig		Stabilized? (Yes or No)	

(Continue on reverse side)



FLOW TEST NO. 2 Commenced at (hour, date) \*\* Zone producing (Upper or Lower): PRESSURE TIME LAPSED TIME PROD. ZONE (hour, date) SINCE P. REMARKS **Upper Completion** Lower Completion TEMP. Production rate during test Oil: \_\_\_\_\_\_BOPD based on \_\_\_\_\_\_Bbls. in \_\_\_\_\_Hours. \_\_\_\_Grav. \_\_\_\_GOR \_\_\_ Gas: \_\_\_\_\_ 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. Johnny Robinson LOUIS DREYFUS NAT. GAS CORP. Approved \_

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Operator

Ву \_\_\_\_

Title \_

Date .

\_\_ 19 \_\_\_\_

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 terrs 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 disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

DEC 2 8 1995

New Mexico dil Conservation Division

Title

- 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 shur-in more
- 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.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- Flow Test'No. 2 shall be conducted even though no leak was indicated during Flow Ten No. 1. Procedure for Flow Ten No. 2 is to be the same as for Flow Ten No. 1 except

that the previously produced zone shall remain shut-in while the zone which was previously shur-in is produced.

MIKE RAINWATER

AGENT

12-27-95

7. Pressures for gas-zone term 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 terms 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).