

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Southland Royalty Company Lease Reid Well No. 18
Location of Well: Unit K Sec. 18 Twp. 28 Rge. 09 County San Juan

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	Blanco Mesaverde	Gas	Flow	Casing
Lower Completion	Basin Dakota	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 9-3-84	Length of time shut-in 72 Hrs.	SI press. psig T. 548 C. 545	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in 9-3-84	Length of time shut-in 72 Hrs.	SI press. psig T. 548	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* 9-6-84				Zone producing (Upper or Lower): Lower	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
9-4-84		T. 546 C. 543	T. 548		
9-5-84		T. 546 C. 543	T. 548		
9-6-84		T. 548 C. 545	T. 548		
9-7-84	24 Hrs.	T. 273 C. 391	T. 413		
9-8-84	48 Hrs.	T. 239 C. 360	T. 383		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours _____ Grav _____ GOR _____

Gas: _____ MCFPD: Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

RECEIVED
OCT 29 1984
OIL CONSERVATION
DIST. 8

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date) **		Zone producing (Upper or Lower):			
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

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.

Approved OCT 29 1984 19 _____
New Mexico Oil Conservation DivisionBy Original Signed by CHARLES CHOLSONBy _____
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3Operator SOUTHLAND ROYALTY COMPANYBy James W. SmithTitle DISTRICT PRODUCTION SUPERINTENDENTDate OCT 26 1984

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple 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 in 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 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. Flow Back Test No. 1, or an equivalent dual completion, shall be produced at the normal rate of production while the test zone remains shut-in. Such tests shall be continued for three days, or one, or two, or three days, or more, at the operator's option. Note: If an offset operator is involved, the operator shall be notified of the test zone's status.

5. The packer leakage test shall be conducted by the operator or a qualified person under the operator's supervision.

6. The test shall be conducted from the wellhead or at the wellhead during the test. The test shall be conducted from the wellhead during the test.

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: 5 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 dual completion, the recording pressure 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 packer leakage test shall be filed in the well log and the test zone shall be reported to the Division.

9. The test shall be conducted from the wellhead or at the wellhead during the test. The test shall be conducted from the wellhead during the test.