

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 "A" Well No. 1M
Location of Well: Unit J Sec. 13 Twp. 29 Rge. 10 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	Tubing
Lower Completion	Basin Dakota	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	09-10-84	72 Hrs.	T. 576 C. 580	
Lower Completion	09-10-84	72 Hrs.	T. 513	

FLOW TEST NO. 1

Commenced at (hour, date)* 09-13-84				Zone producing (Upper or Lower): Lower	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
09-11-84		T. 573 C. 578	T. 480		
09-12-84		T. 573 C. 578	T. 488		
09-13-84		T. 576 C. 580	T. 513		
09-14-84	24 Hrs.	T. 576 C. 580	T. 430		
09-15-84	48 Hrs.	T. 581 C. 580	T. 421		

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

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

(Continue on reverse side)

RECEIVED
OCT 22 1984
OIL CON. DIV.
DIST. 3

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 22 1984 19 _____
New Mexico Oil Conservation Division

Original Signed by CHARLES GHOLSON

By _____

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3Operator SOUTHLAND ROYALTY COMPANYBy James W. SmithTitle DISTRICT PRODUCTION SUPERINTENDENTDate OCT 16 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. Other operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are ready for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized; provided however, that the test shall remain shut-in more than seven days.

4. For Flow Test No. 1, the time of the dual, and other shall be provided at the normal rate of production, which shall not be less than 100 bbls. per day. For Flow Test No. 2, the time of the dual, and other shall be provided at the normal rate of production, which shall not be less than 100 bbls. per day. For Flow Test No. 3, the time of the dual, and other shall be provided at the normal rate of production, which shall not be less than 100 bbls. per day.

5. The test shall be conducted in accordance with the instructions of the Division, and the results shall be reported to the Division within the time specified.

6. A Flow Test No. 1 shall be conducted when in dual, and a Flow Test No. 2 shall be conducted when in dual, and a Flow Test No. 3 shall be conducted when in dual.

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.

8. 24-hour on 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 placed in an on zone dual completion, the recording gauges shall be required on the producing zone, with deadweight tests also required during the test on the dual zone.

9. The results of the above described tests shall be reported to the Division, and the results shall be reported to the Division within the time specified.

10. With all deadweight pressure gauges, the test shall be conducted in accordance with the instructions of the Division, and the results shall be reported to the Division within the time specified.