

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator SOUTHLAND ROYALTY CO Lease JERNIGAN Well No. 3
Location of Well: Unit H Sec. 24 Twp. 27N Rge. 9W 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 Cap.)
Upper Completion	MESAVERDE	GAS	FLOW	TBG
Lower Completion	DAKOTA	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 4-11-92	Length of time shut-in 3 DAYS	SI press. psig 551	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in 4-11-92	Length of time shut-in 3 DAYS	SI press. psig 1089	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (Hour, date)				Zone producing (Upper or Lower)	
TIME (Hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
4-12-92		551	1089		DK. IS TEMP.
4-13-92		551	1089		ABANDONED
4-14-92		551	1089		
4-15-92		551	1089		
4-16-92		551	1089		

RECEIVED
APR 23 1992
OIL CON. DIV.
DIST. 3

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)

(Continue on reverse side)

[illegible]

Production use during test:

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BOPD based on:

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Hours.

GRV.

GOX

சு:

MCFPD: Tested thru (Office or Meter):

Remarks:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

APR 23 1992
Approved
New Mexico Oil Conservation Division

Original Signed by CHARLES GHOULTON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Title

Dear

44-20-92

Time

OPERATIONS ASSISTANT

By

KATHY ZERBI

Operator

SOUTHLAND ROYALTY CO

NORTHWEST NEW MEXICO PACKED LAMAGE TEST INSTRUCTIONS

1. A packet leakage test shall be commenced on each multiply completed well within seven days after receipt completion of the well, and normally thereafter as prescribed by the order authorizing the multiple completion.
2. Such test shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fire water treatment, and whenever practical work has been done on a well during which the production is stopped or when requested by the Division.
3. Additional tests given after the commencement of any packet leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Other operations shall also be so notified.
4. The packet 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.
5. For Flow Test No. 1, one more of the dual completion will be produced at the normal rate of production while the other zone remains shut-in. Such test shall be commenced for seven days in the case of a gas well and for 24 hours in the case of an oil well. When it, on an isolated packet leakage test, a gas well is being flowed to the completion due to the lack of a producing completion the flow period shall be three hours.
6. Following completion of Flow Test No. 1, the well shall again be shut-in, as necessary with Paragraph 3 above.
7. This Test No. 2 shall be conducted even though no test was indicated during Flow Test No. 1. Treatment for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that Flow Test No. 2 shall be conducted even though no test was indicated during Flow Test No. 1, the well shall again be shut-in, as necessary with Paragraph 3 above.

1. Presumes for gas-some tests must be secured on each zone with a deadweight gauge at time intervals as follows: 5 hours tests: immediately prior to the beginning of each flow-period, as 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 (as 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 undesirable test data.

2. On all some 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 recorded gauge shall be located on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

3. The results of the above-described tests shall be filed in duplicate within 15 days after completion of the test. Tests shall be filed with the Area District Office of the New Mexico Oil Commission or Northwest New Mexico Federal Landgate Tax Farm located 10-01-75 with all deadweight pressures indicated thereon as well as the flowing temperature (gas zone only) and gravity and GOR (oil zone only).