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

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Lease Tribal C Well No. 10 (PD)

Location of Well: Unit J Sec. 7 Twp. 26 Rge. 3 County Rio Arriba

	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	PC	Gas	Flow	Tubing
Lower Completion	DK	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in 5-5-74	Length of time shut-in 3 days	SI press. psig 303	Stabilized? (~~Yes or~~ No)
Lower Compl	Hour, date Shut-in 5-5-74	Length of time shut-in 3 days	SI press. psig 401	Stabilized? (~~Yes or~~ No)

FLOW TEST NO. 1

Commenced at (hour, date)* 5-8-74 Zone producing (Upper or Lower):

Time (hour, date)	Lapsed time since*	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks
5-6	1 day	285	386		
5-7	2 days	299	398		
5-8	3 days	303	401		
5-9	1 day	305	174		Lower zone flow
5-10	2 days	307	160		Lower zone logged off.

Production rate during test

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

Gas: 100 MCFPD; Tested thru (~~Orifice or~~ Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

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

FLOW TEST NO. 2

Commenced at (hour, date)** Zone producing (Upper or Lower):

Time (hour, date)	Lapsed time since **	Pressure Upper Compl.	Pressure Lower Compl.	Prod. Zone Temp.	Remarks

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DIST. 3

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ 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: 5-30 1974
New Mexico Oil Conservation Commission

By AR Kendrick

Title PETROLEUM ENGINEER DIST. NO. 3

Operator Consolidated Oil & Gas

By Veryl Moore

Title Production Foreman

Date May 28, 1974

All packer leakage tests shall be conducted in accordance with the following requirements and with additional specific requirements as may be authorized by the Aztec District Office of the Oil Conservation Division.

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 on or before the date prescribed by special order of the Division. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever any 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.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Aztec District Office 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 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 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 then 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 that the previously producing zone shall remain shut-in, while the zone which previously was shut-in is produced.

7. Pressures for gas zone tests must be measured by means of dead-weight 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. Two hour tests: Immediately prior to the beginning of each flow period, at least two times 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 Aztec District Office of the New Mexico Oil Conservation Division on a Southeast New Mexico Packer Leakage Test Form Revised [illegible] with all deadweight pressures indicated thereon as well as the flowing temperature (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be referred by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test form.