

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Consolidated Oil & Gas Inc Lease Champlin Well No. 8 (PD)  
 Location of Well: Unit J Sec. 25 Twp. 27 Rge. 4 County Rio Arriba  
 Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) Prod. Medium (Tbg. or Csg.)

Upper Completion	<u>Pictured Cliffs</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg.</u>
Lower Completion	<u>Dakota</u>	<u>TA</u>	<u>TA</u>	<u>TA</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>9-13-81</u>	<u>3-Days</u>	<u>374</u>	<u>No</u>
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	<u>TA</u>	<u>TA</u>	<u>500</u>	<u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)\* 9-16-81 Zone producing (Upper or Lower): Upper

Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9-14-81</u>	<u>1-Day</u>	<u>344</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-15-81</u>	<u>2Days</u>	<u>361</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-16-81</u>	<u>3-Days</u>	<u>374</u>	<u>500</u>		<u>Both Zones Shut In</u>
<u>9-17-81</u>	<u>1-Day</u>	<u>279</u>	<u>500</u>		<u>Upper Zone Flowing</u>
<u>9-18-81</u>	<u>2-Days</u>	<u>276</u>	<u>500</u>		<u>Upper Zone Flowing</u>

Production rate during test  
 Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hrs. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
 Gas: 67 MCFPD; Tested thru (Orifice or Meter): 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		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		



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: OCT 14 1981  
 Conservation Division  
 Original Signed by CHARLES GHOLSON  
 Title Production Superintendent  
 Date \_\_\_\_\_  
 Operator Consolidated Oil & Gas Inc  
 By \_\_\_\_\_  
 Title \_\_\_\_\_  
 Date \_\_\_\_\_  
 Deputy Oil & Gas Inspector, Dist. #3

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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 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 on a well during which the packer or the tubing case was disturbed. Tests shall also be taken at any time that a malfunction 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 conducted. Field operators shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion have reached pressure stabilization. Both zones shall remain shut-in until the pressure in each has stabilized, provided the shut-in does not exceed more than seven days.
4. The 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. Production 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 sufficient formation the flow period shall be three hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in and pressure stabilized as prescribed in Paragraph 3 above.
6. The Flow Test No. 2 shall be conducted even though no leak was indicated during the Flow Test No. 1. Pressure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in. The flow period for gas wells produced shall be three hours.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3-hour 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 oil zone tests: All pressures throughout the entire test, shall be continuously measured and recorded on the gauge pressure gauge, 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 well or an oil well 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.

9. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the tests. Tests shall be filed with the Area District Office or the Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 19-1-76 with all deadweight pressures indicated thereon as well as the flowing temperatures (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 indicated by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

O Pictured Cliffs    Δ Dakota

