

THIS FORM IS NOT TO BE
USED FOR REPORTING
PACKER LEAKAGE TESTS
IN SOUTHERN NEW MEXICO

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONSOLIDATED OIL & GAS INC Lease Northwest Well No. 1 (MG)
 Location of Well: Unit G Sec. 7 Twp. 26 Rge. 4 County Rio Arriba
 Type of Prod. Gas Method of Prod. Flow Prod. Medium Tbg.
 Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)
 Upper Completion Mesa Verde Gas Flow Tbg.
 Lower Completion Gallup Gas Flow Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	6-28-82	3-Days		
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	6-28-82	3-Days		

FLOW TEST NO. 1

Commenced at (hour, date)* 7-1-82 Zone producing (Upper or Lower): Lower

Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
6-29-82	1-Day	254	301		Both Zones Shut In
6-30-82	2-Days	273	306		Both Zones Shut In
7-1-82	3-Days	281	313		Both Zones Shut In
7-2-82	1-Day	290	130		Lower Zone Flowing
7-3-82	2-Days	290	110		Lower Zone Flowing

Production rate during test
 Oil: 42 BOPD based on MCFPD Bbls. in 42 Hrs. Grav. GOR
 Gas: 42 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:

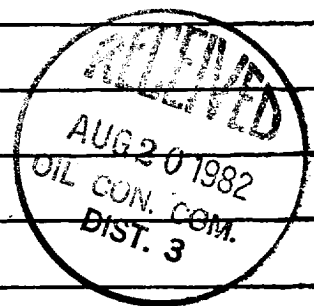
I hereby certify that the information herein contained is true and complete to the best of my knowledge.

proved: AUG 20 1982 19
 Conservation Division
 Original Signed by CHARLES GHOLSON

Operator CONSOLIDATED OIL & GAS INC
 By
 Title Production Superintendent

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date



4. MINIMUM NEW MAINS PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple completion well with a zone down to the initial completion of the well, and on all other wells as prescribed in the order authorizing the multiple completion. Each well shall have a completion on all multiple completions within each zone, including recompletion and/or chemical or fracture treatment, and shall be tested at least once each day or 11 during which the number of days shall be indicated in the order. Tests shall also be taken at any time that the operator is requested or when requested by the Division.
2. At least 12 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. District 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 wellhead 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. Testing 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 flowing connection, 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 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-hour tests: immediately prior to the test and at least one 15-minute interval during the flow period; 24-hour tests: immediately prior to the test, at least one 15-minute interval during the flow period, and at least one 15-minute interval during the shut-in period. For oil-zone tests, the pressure shall be measured at least once during the flow period and at least once during the shut-in period. The pressure shall be measured on each zone at least once during the flow period, 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 on the 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-oil or an oil-oil well 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 tests. Tests shall be filed with the Aztec District Office of the Oil Conservation Division or Northwest New Mexico Packer Leakage Test Form (revised 11-1-75) with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and API for 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 reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

