

Revised 10/1/78

This form is to be used for
reporting
packer leakage tests
in southern New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator El Paso Natural Gas Company Lease San Juan 28-7 Unit Well No. 172 (PC)
Location of Well: Unit K Sec. 16 Twp. 27 Rge. 7 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	Csg.
Lower Completion	CH	Gas	Flow	Csg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	7-18-82	Length of time shut-in	3 Days	SI press. psig	104	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	7-18-82	Length of time shut-in	3 Days	SI press. psig	169	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)*		7-21-82		Zone producing (Upper or Lower):		
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks	
		Upper Compl.	Lower Compl.			
7-19-82	1 Day	104	161			
7-20-82	2 Days	104	165			
7-21-82	3 Days	104	169			
7-22-82	1 Day	104	167			
7-23-82	2 Days	104	165			

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 4 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): _____

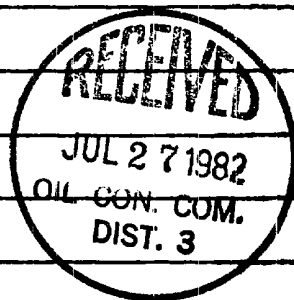
REMARKS: _____

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

Approved: JUL 27 1982 19
Oil Conservation Division
Original Signed by CHARLES GHOLSON

Signature _____
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator El Paso Natural Gas Company
By H. E. McAnally
Title Area Prod. Engineer
Date July 27, 1982



NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. The packer test shall be conducted on each mutually completed zone of a well after initial completion of the well, and additional packer tests shall be conducted at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division.
2. The packer test shall be conducted on each mutually completed zone of a well after initial completion of the well, and additional packer tests shall be conducted at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division.
3. The packer test shall be conducted on each mutually completed zone of a well after initial completion of the well, and additional packer tests shall be conducted at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division. The packer test shall be conducted on all wells to completion within 15 days after completion of the well, or at the discretion of the Division.
4. For Flow Test No. 1, one zone of the dual completion shall be produced while the other zone remains shut-in. The test shall be continued for seven days in the case of a gas well and for 14 days in the case of an oil well. During the test, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of pressure 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 when enough 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 these tests shall be measured on each zone with a deadweight pressure gauge at time intervals as follows: For gas tests: immediately prior to the beginning of the test, at 1-hour intervals during the test, and at 1-hour intervals after the test. For oil tests: immediately prior to the beginning of the test, at 1-hour intervals during the test, and at 1-hour intervals after the test. The pressure gauge shall be checked for accuracy before the test and after the test. The pressure gauge shall be checked for accuracy before the test and after the test.
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 District Office of the Oil Conservation Division in Northwest New Mexico Packer Leakage Test Form Revised 1961-75, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and API 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.

