

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator El Paso Natural Gas Company Lease San Juan 32-5 Unit Well No. 1X (MD)
Location _____
of Well: Unit I Sec. 19 Twp. 32 Rge. 5 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	MV	Gas	Flow	Tbg.
Lower Completion	DK	Gas	Flow	

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	3-1-81	3 Days	0	
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	3-1-81	3 Days	2157	

FLOW TEST NO. 1

Commenced at (hour, date)*		3-4-81		Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
3-2-81	1 Day	0	2157		
3-3-81	2 Days	0	2157		
3-4-81	3 Days	0	2157		
	15 Min.	0	2157		
	30 Min.	0	2157		
	45 Min.	0	2157		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 0 MCFPD; Tested thru (Orifice or Meter): _____ Choke _____

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)**		3-4-81		Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
3-4-81	1 Hour	0	2157		
	2 Hours	0	2157		
	3 Hours	0	2157		

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.

MAR 5 1981

Approved: _____ 19 _____
Oil Conservation Division

Original Signed by CHARLES GHOLSON

Operator El Paso Natural Gas Company

By A. E. M. C. Anally

Title Well Test Engineer

Date March 04, 1981

Title DEPUTY OIL & GAS INSPECTOR DIST. #3

1. PURPOSE OF NEW & USED PACKER LEAKAGE TEST INSTRUCTIONS

any well which is commenced or each multiple completed well which is commenced, completion of the well and generally the completion of the multiple completion. The completion of all multiple completions within the same well shall be deemed to be a single completion. The completion of one well during an on the pump test shall not constitute a completion of the well at any time during the test, if the test is conducted by the Division.

1. The test is a comparison of any packer loading test
2. The test is a comparison of the existing test
3. The test is a comparison of the existing test

1. If the water level in both zones of the dam is stabilized, both zones shall receive the same amount of water, provided the water level in the first zone is not more than seven days.

1. The gas analysis of the final completion shall be provided to the other party within 10 days after the other zone remains shut-in. If the gas analysis is not provided within 10 days in the case of a gas well and 30 days in the case of an oil well. Except if, on an initial backer test, the gas analysis is not flowed to the atmosphere due to the lack of sufficient gas flow, the flow period shall be three hours.

kind correlation. - Flow Test No. 1, the well shall again be shut-in and the well shall be tested as above.

Test No. 2 shall be conducted even though no leak was indicated in Test No. 1. For Test No. 2 is to be the same as Test No. 1 except that the previously produced zone shall re-inflate the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each pore with a deadweight pressure gauge at time intervals as follows for laboratory tests: immediately prior to the beginning of each flow period, at the midpoint of intervals during the first flow period, and at the midpoint of each flow period, including one pressure measurement immediately after the conclusion of each flow period. Field tests must include at least the beginning of each flow period, the midpoint of each flow period, and the conclusion of each flow period. For laboratory tests, the number of pressure measurements may be reduced at the discretion of the test engineer, but must be sufficient to provide a reasonable description of each flow period. For field tests, the number of pressure measurements must be sufficient to provide a reasonable description of each flow period, or may be reduced on wells where the pressure is known to be constant throughout the test.

[illegible]

5 The results of the above described tests shall be set forth in triplicate within 15 days after completion of the tests. These results shall be filed with the Aztec District Office of the Environmental Protection Agency and the Southwest New Mexico Packer Leakage Test Form (revised 1961-78), with all delineated pressures indicated thereon as well as the pressure curves (see Appendix A, page only) and gravity and CWT logs showing the pressure gradient. The pressure curve for each zone of each test shall be a continuation of the pressure curve of the Packer Leakage Test Form with all delineated pressure points and values indicated thereon. For oil zones, the pressure curve should also indicate all key pressure ranges which may be indicated by the corresponding logs. Charts. These key pressure ranges shall be indicated on the pressure charts of the Packer Leakage Test Form.

[illegible]