

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Upper Completion	PC	Gas	Flow	
Lower Completion	MV	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in 1-18-81	Length of time shut-in 3	SI press. psig 451	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in 1-18-81	Length of time shut-in 3	SI press. psig 503	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)*	1-21-81	Zone producing (upper or Lower):
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Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
1-19-81	1 Day	424	500		
1-20-81	2 Days	440	502		
1-21-81	3 Days	451	503		
1-22-81	1 Day	465	312		
1-23-81	2 Days	476	314		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 757 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):
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[illegible]

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: JAN 28 1981 19
Oil Conservation Division

Original Signed by CHARLES GHOLSON

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

Operator El Paso Natural Gas Company

By D. E. McAnally
Title Well Test Engineer

Date January 28, 1981

THE UNIVERSITY OF ALABAMA IN SYSTEMS TEST INSTRUCTRESS

1. The following work will be continued on the wells until completed
a. The 100' well at the 100' level will be drilled and finally
b. The 100' well at the 100' level will be drilled and finally
c. The 100' well at the 100' level will be drilled and finally
d. The 100' well at the 100' level will be drilled and finally
e. The 100' well at the 100' level will be drilled and finally
f. The 100' well at the 100' level will be drilled and finally
g. The 100' well at the 100' level will be drilled and finally
h. The 100' well at the 100' level will be drilled and finally
i. The 100' well at the 100' level will be drilled and finally
j. The 100' well at the 100' level will be drilled and finally
k. The 100' well at the 100' level will be drilled and finally
l. The 100' well at the 100' level will be drilled and finally
m. The 100' well at the 100' level will be drilled and finally
n. The 100' well at the 100' level will be drilled and finally
o. The 100' well at the 100' level will be drilled and finally
p. The 100' well at the 100' level will be drilled and finally
q. The 100' well at the 100' level will be drilled and finally
r. The 100' well at the 100' level will be drilled and finally
s. The 100' well at the 100' level will be drilled and finally
t. The 100' well at the 100' level will be drilled and finally
u. The 100' well at the 100' level will be drilled and finally
v. The 100' well at the 100' level will be drilled and finally
w. The 100' well at the 100' level will be drilled and finally
x. The 100' well at the 100' level will be drilled and finally
y. The 100' well at the 100' level will be drilled and finally
z. The 100' well at the 100' level will be drilled and finally

1. The results of the tests will be the commencement of any paper leakage test
2. The test will be completed at the expiration of the exact time the
3. The results of the tests will also be notified.

When the dual is stalled, the dual will experience slow rate zones or the dual will experience a complete stall. Both cases will result in a loss of pressure in each well as the dual is stalled, provided the dual is stalled for more than seven days.

Production from the zone of the first completion shall be produced at a rate of 100% of the production while the other zone remains shut-in.

1. The packer shall be installed for seven days in the case of a gas well and 14 days in the case of an oil well. 2. If, on an initial packer test, the packer is not sealed to the atmosphere due to the lack of sufficient cement, the flow period shall be three days.

When the results of Flow Test No. 1, the well shall again be shut-in for a period of not less than 14 days.

When the test is conducted when no leak was indicated in the previous test, the test zone shall be the same as the test zone of the previously produced zone shall remain the same as the previously shut-in is produced.

7. Pressures for is-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 1-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 (approximately the midway point) and immediately prior to the conclusion of each flow period. These pressures may be taken at a well, 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 dead-weight pressure gauge. If a well is a gas-oil or oil-gas test completion, the recording gauge shall be required on the oil zone only, with deadweight pressure as required above being taken on the gas zone.

2. 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 Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-1-78, 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 reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

