

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator EI Paso Natural Gas Company Lease Turner Hughes Well No. 15
 Location of Well: Unit A Sec. 3 Twp. 27 Rge. 9 County San Juan

	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	Mesa Verde	Gas	Flow	Tbg.
Lower Completion	Dakota	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)
	4-24-83	3 Days	337	Yes
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	4-24-83	3 Days	586	Yes

FLOW TEST NO. 1

Commenced at (hour, date)*		Pressure		Prod. Zone	Remarks
Time (hour, date)	Lapsed time since*	Upper Compl.	Lower Compl.	Temp.	
4-27-83					Zone producing (Upper or Lower):
4-25-83	1 Day	333	586		Both Zones Shut-In
4-26-83	2 Days	336	586		Both Zones Shut-In
4-27-83	3 Days	337	586		Both Zones Shut-In
4-28-83	1 Day	342	493		Lower Zone Flowing
4-29-83	2 Days	344	476		Lower Zone Flowing

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. Grav. _____ GOR _____
 Gas: 220 MCFPD; Tested thru (Orifice or 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)**		Pressure		Prod. Zone	Remarks
Time (hour, date)	Lapsed time since **	Upper Compl.	Lower Compl.	Temp.	
					Zone producing (Upper or Lower):

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MAY 4 - 1983
OIL CON. DIV.
DIST. 3

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: _____ 19 _____
Oil Conservation Division

By _____ Original Signed by CHARLES GHOLSON

Title _____ #3

Operator EI Paso Natural Gas Company

By [Signature]

Title _____

Date May 3, 1982

WESTERN NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. Packer leakage tests shall be commenced on each multiply completed well at an early date after the completion of the well, and generally before the production of the well has stabilized. The multiple completion shall be shut-in for a period of 24 hours before the test is run. When the well has been shut-in for 24 hours, the packer leakage test shall be run. Tests shall also be run at any time when a leak is suspected or when requested by the Division.
2. At least 24 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 well-head 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. Each 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. Note: If, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline 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 nine intervals as follows: (1) immediately prior to the beginning of each flow period; (2) at the end of each flow period; (3) at the beginning of each flow period; (4) at the end of each flow period; (5) at the beginning of each flow period; (6) at the end of each flow period; (7) at the beginning of each flow period; (8) at the end of each flow period; (9) at the beginning of each flow period. In the case of oil-zone tests, the pressure gauge shall 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-gas dual completion, the recording gauge shall be required on the oil zone only, with following pressures as required above being taken on the gas zone.
8. 24-hour oil zone tests: All pressures, throughout the entire test, shall be continuously measured and recorded with a recording 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-gas dual completion, the recording gauge shall be required on the oil zone only, with following 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 test. Tests shall be filed with the local District Office of the Oil Conservation Division in Western New Mexico Packer Leakage Test Form Revised 10-1-74, with 11 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.

1200 ○ Mesa Verde △ Dakota

