

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator R & G DRILLING COMPANY Lease Hammond Well No. 49
Location of Well: Unit F Sec. 35 Twp. 27N Rge. 8W 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	S. Blanco PC	Gas	Flow	Casing
Lower Completion	Chacra	Gas	Dead	--

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	10/7/84	Length of time shut-in	5 days	SI press. psig	120	Stabilized? (Yes or No)	yes
Lower Compl	Hour, date Shut-in	10/7/84	Length of time shut-in	5 days	SI press. psig	100	Stabilized? (Yes or No)	yes

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
10/8/84	1 day	120	100		Both Zones Shut In
10/9/84	2 days	120	100		Same
10/10/84	3 days	120	100		Same
10/11/84	4 days	120	84		Upper Zone Shut In Lower open
10/12/84	5 days	120	84		Same

Production rate during test

Oil: BOPD based on Bbls. in Hrs. Grav. GOR
Gas: 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)**				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: JAN 22 1985 19
New Mexico Oil Conservation Commission
By Original Signed by CHARLES GHOLSON
Title INSPECTOR, DIST. #3

Operator R & G DRILLING COMPANY
By Ewell N. Walsh
President
Title Walsh Engr. & Prod. Corp.
Date 1/21/85

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer and the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset 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. Such test 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 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 each zone shall be recorded with a deadweight pressure gauge immediately prior to the commencement of the test, and at fifteen-minute intervals during the first hour, and at one-hour intervals thereafter, including one pressure reading immediately prior to the conclusion of each flow period. The pressure readings shall be taken at the beginning of each flow period, and at the end of each flow period (at approximately the midpoint of the test period). In the case of a gas well, the pressure readings shall be taken at the conclusion of each flow period, and at the midpoint of each flow period, or may be requested on a well-by-well basis by the Commission for test data.
8. The results of the above test shall be filed in triplicate within 15 days after completion of the test. The results shall be filed with the Aztec District Office of the New Mexico Conservation Commission on Northwest New Mexico Packer Leakage Test Form No. 1, revised 11-1-58, with all deadweight pressure readings indicated thereon, and the flowing temperatures (gas zone) and the gravity (oil zone) indicated thereon. A pressure versus time curve for each zone of the well shall be tabulated on the reverse side of the form. The pressure versus time curve should also indicate all pressure points taken during the test. The pressure curve should also indicate all pressure points taken during the test. The pressure curve should also indicate all pressure points taken during the test.

