

Approved
Ladd
File

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

REVISED 10/1/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Ladd Petroleum Corp Lease Lindvith Well No. 14
Location of Well: Unit H Sec. 4 Twp. 26 N Rge. 7 W County Rio Arriba
Type of Prod. Method of Prod. Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)
Name of Reservoir or Pool

Upper Completion	<u>Gallup</u>	<u>GAS</u>	<u>Flow</u>	<u>tbg.</u>
Lower Completion	<u>DAKOTA</u>	<u>GAS</u>	<u>Flow</u>	<u>tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>10:00 AM</u> <u>3-15-82</u>	Length of time shut-in <u>3 days</u>	SI press. psig <u>310</u>	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in <u>10:00 AM</u> <u>3-15-82</u>	Length of time shut-in <u>3 days</u>	SI press. psig <u>790</u>	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* <u>2:00 PM 3-18-82</u>				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>12:30 PM</u> <u>3-19-82</u>	<u>1 day</u>	<u>315</u>	<u>265</u>		
<u>1:45 PM</u> <u>3-20-82</u>	<u>2 days</u>	<u>320</u>	<u>263</u>		

Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 145 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: APR 15 1982 19
Oil Conservation Division
Original Signed by CHARLES CHOLSON
Title _____
Date _____

Operator Ladd Petroleum Corp
By Madison J. Kulesh
Title AGENT
Date _____

NEW MEXICO OIL AND GAS Packer Leakage Test Instructions

1. Packer leakage tests shall be commenced on each multiple completed well immediately after the actual completion of the well, and annually thereafter, until the well is permanently abandoned or until the multiple completion is abandoned. Tests shall be required on all multiple completions within 30 days of completion and on chemical or fracture treatment, completion, and on any down hole on a well during which the packer is used. Tests shall also be taken at any time requested by the Division.
2. The Division shall be notified of the commencement of any packer leakage test, and the Division shall be notified in writing of the exact time the test is completed. Other operators shall also be so notified.
3. The test shall commence when both zones of the dual completion are under pressure stabilization. Both zones shall remain shut-in until pressure in each has stabilized, provided that the test shall remain shut-in more than seven days.
4. The results of the test shall be produced in triplicate within 15 days after completion of the test. Tests shall be filed with the State District Office of the Oil Conservation Division in Northwest New Mexico Packer Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures (oil 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.
5. The test shall be conducted even though no leak was indicated. The test shall be conducted for Flow Test No. 2 is to be the same as Flow Test No. 1, except that the previously produced zone shall remain shut-in and the test shall be produced.

7. Pressures for gas-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 (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

14-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 deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

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 State District Office of the Oil Conservation Division in Northwest New Mexico Packer Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures (oil 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.

