

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Union Texas Petroleum Corp. Lease Angel Peak "B" Well No. 25-E
Location _____
of Well: Unit F Sec. 24 Twp. 28N Rge. 11W County San Juan
Name of Reservoir or Pool _____ Type of Prod. _____ Method of Prod. _____ Prod. Medium
(Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>Chacta</u>	<u>Gas</u>	<u>Flow</u>	<u>Casing</u>
Lower Completion	<u>Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date	<u>9:00 A.M.</u>	Length of	SI press.	Stabilized?
	Shut-in	<u>9/3/83</u>	time shut-in	<u>484</u>	(Yes or No) <u>No</u>
Lower Compl	Hour, date	<u>9:00 A.M.</u>	Length of	SI press.	Stabilized?
	Shut-in	<u>9/3/83</u>	time shut-in	<u>481</u>	(Yes or No) <u>No</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>9:00 A.M. 9/6/83</u>				Zone producing (Upper or Lower): <u>Lower</u>	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9:00 A.M.</u> <u>9/4/83</u>	<u>1 Day</u>	<u>469</u>	<u>472</u>		
<u>9:00 A.M.</u> <u>9/5/83</u>	<u>2 Days</u>	<u>479</u>	<u>477</u>		
<u>9:00 A.M.</u> <u>9/6/83</u>	<u>3 Days</u>	<u>484</u>	<u>481</u>		
<u>9:00 A.M.</u> <u>9/7/83</u>	<u>4 Days</u>	<u>487</u>	<u>217</u>	<u>68°</u>	
<u>9:00 A.M.</u> <u>9/8/83</u>	<u>5 Days</u>	<u>489</u>	<u>219</u>	<u>68°</u>	

Production rate during test

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

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date	Length of	SI press.	Stabilized?
	Shut-in	time shut-in	psig	(Yes or No)
Lower Compl	Hour, date	Length of	SI press.	Stabilized?
	Shut-in	time shut-in	psig	(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: _____ 19_____
Oil Conservation Division

By _____ Original Signed by CHARLES GHOLSON

Title _____

Operator Union Texas Petroleum Corp.

By Kenneth E. Roddy

Title Asst. Production Supt.

Date 10/25/83

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 or the tubing have been disturbed. Tests shall also be taken at any time that a leak is suspected or when requested by the Division.

2. The test shall be commenced on the commencement of any packer leakage test. The test shall be conducted in writing of the exact time the test is commenced. The test operators shall also be so notified.

3. The test shall be conducted when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in for a minimum of 24 hours. If the pressure in each zone has stabilized, provided the pressure remains shut-in more than seven days.

4. The test shall be conducted on the zone of the dual completion shall be produced and the other zone shall be shut-in. The test shall be conducted for seven days in the case of a gas well and for three days in the case of an oil well. If, on an initial packer leakage test, the pressure in the zone being tested is not stable due to the lack of sufficient production, the test shall be three hours.

5. If the pressure in the zone being tested is not stable, the well shall again be shut-in for a minimum of 24 hours before the test is repeated.

6. 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 the test for Flow Test No. 1, but that the previously produced zone shall remain shut-in and the zone being tested 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: 3-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.

24-hour oil zone tests: All pressures, throughout the entire test, shall be continuously measured and recorded with deadweight 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 well, 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 Area District Office of the U.S. Conservation Division or Northwest New Mexico Packer Leakage Test Form Revised 11-1-78, with all deadweight pressures indicated thereon as well as the following temperature, gas zones only, and gravity and API test zone only. A pressure-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 pressure-time charts. These key pressure changes should also be indicated on the front of the Packer Leakage Test Form.

P.S.I.G.
500

Angel Peak "B" No. 25 - E

