



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

AZTEC DISTRICT OFFICE  
OIL CONSERVATION DIVISION  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410-1814  
(505) 334-6178 FAX: (505) 334-6170  
<http://nemnr.state.nm.us/ood/District%20District.htm>

**GARY E. JOHNSON**  
GOVERNOR

**Jennifer A. Salisbury**  
CABINET SECRETARY

August 12, 1998

Taurus Exp Inc  
2198 Bloomfield Hwy  
Farmington NM 87401

RE: Fee #8 H 08-30N-11W 30-045-24694

Gary Brink:

The 1998 Packer Leakage Test on the referenced well indicates communication between the producible zones. In order to comply with Rule #112A, You are hereby directed to initiate remedial activity and retest the well to show separation of zones.

Sincerely,

A handwritten signature in cursive script that reads "Charlie Perrin".

Charlie Perrin  
Deputy O&G Inspector

CP/sh

cc: well file

Original + 2

for 1998

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1  
Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

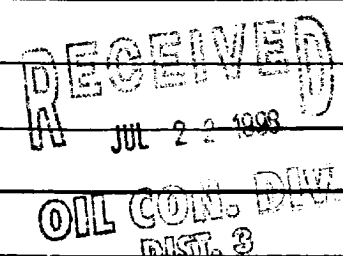
Operator Taurus Explorative Inc Lease fee Well No. 8  
Location of Well: Unit H Sec. 08 Twp. 30N Rge. 11W County SAN JUAN

	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	Pickared Cliffs	Gas	Flow	Tbg
Lower Completion	Mosa Verde	Gas	Flow	Tbg

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	2:00 pm 7-13-98	174 Hrs 30 min	Tbg-187 Csg-187	
Lower Completion	2:00 pm 7-13-98	173 Hrs 30 min	Tbg-189	

FLOW TEST NO. 1

Commenced at (hour, date)*		PRESSURE		PROD. ZONE TEMP.	REMARKS
TIME (hour, date)	LAPSED TIME SINCE*	Upper Completion	Lower Completion		
3:30 pm 7-16-98					Zone producing (Upper or Lower) <u>(Lower M.V)</u>
2:30 pm 7-17-98	23 Hrs	Tbg-178 Csg-178	Tbg-175		M-V core or intermitter
4:30 am 7-18-98	41 Hrs	Tbg-159 Csg-159	Tbg-150		
P.C core or @ 9:31 am					
					

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

MID-TEST SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion				
Lower Completion				

FLOW TEST NO. 2

Commenced at (hour, date)**		PRESSURE		Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE **	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ 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\_\_\_\_  
New Mexico Oil Conservation Division

Operator J. Taurus Exploration TPC, U.S.A

By \_\_\_\_\_

By Samuel Calderon

Title \_\_\_\_\_

Title Lease Operator

Title \_\_\_\_\_

Date 07/18/98

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 communication is suspected or when requested by the Division.
2. At least 72 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. 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 gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours 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 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 Axtex District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).