

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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Revised 10/01/78This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator NASSAU RESOURCES, INC. Lease APACHE Well No. 1
 Location of Well: Unit D Sec. 18 Twp. 26N Rge. 3W County Rio Arriba

	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	Gallup	Gas	Flow	tubing
Lower Completion	Dakota	Gas	Flow	tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	12-15-93 10:30 am	7 days	474	yes
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	12-15-93 10:30 am	7 days	780	yes

FLOW TEST NO. 1

Commenced at (hour, date)* 1:15 PM 12-22-93				Zone producing (Upper or Lower)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
1:20 PM 12-27-93	5 days	474	205		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: 87 MCFPD; Tested thru (Orifice or Meter): _____ Meter

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	12-15-93 10:30 am	5 days	474	yes
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	12-15-93 10:30 am	5 days	780	yes

(Continue on reverse side)

FLOW TEST NO. 2

TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
1:30 pm 12-30-93	4 days	218	780		

Production rate during test

Oil: 1.67 BOPD based on Bbls. in Hours. Grav. 57.7 GOR

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.

Operator Nassau Resources, Inc.
By *Frank Perrin*
Title Regulatory Liaison
Date 1/4/94

Approved _____
New Mexico Oil Conservation Division
Original Signed by CHARLES GHOLSON
By _____
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3
Date _____

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 packer or the rubbing 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 operations 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 Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1 except