

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENTThis form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

OIL CONSERVATION DIVISION

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease ARMENTA Well No. 1Location of Well: Unit H Sect 27 Twp. 029N Rge. 010W 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	PICTURED CLIFFS	Gas	Flow	Tubing
Lower Completion	FARMINGTON	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)
	10/5/97	120 Hours	140	
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	10/5/97	72 Hours	390	

FLOW TEST NO. 1

Commenced at (hour,date)*		10/8/97		Zone producing (Upper or Lower)	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE	REMARKS
		Upper Completion	Lower Completion	TEMP	
10/9/97	96 Hours	115	390		
10/10/97	120 Hours	110	390		

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

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

(Continue on reverse side)

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Oil:	BOPD based on	Bbls. in	Hours.	Grav.	GOR	Gas:	MCFPD; Tested thru (Office or Meter):	Remarks:
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Approved	JAN 06 1998	19	Operator	William J. ...
			By	William J. ...
			Title	Operator (Account)
			By	John J. ...
			Title	Deputy Oil & Gas Inspector
			Date	

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 multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or gas-treatment and whenever remedial work has been done on a well during which 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. Offer operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressures 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 if 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 spill-in 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 test was indicated during flow Test No. 1. Procedure for flow Test No. 2 is to be the same as for flow Test No. 1.

as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only)

New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/01/77 with all deadweight pressures indicated thereon as well

after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test Form Revised 10/01/77 with all deadweight pressures indicated thereon as well

8. The results of the above described tests shall be filed in triplicate within 15 days of completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

completion, the recording gauge shall be required on the oil zone only, with each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual well must be checked at least twice, once at the beginning and once at the end of continuously measured and recorded with recording pressure gauges the accuracy of 24-hour oil zone tests; all pressures, throughout the entire test, shall be which have previously shown questionable test data.

flow period. Other pressures may be taken as desired, or may be requested on wells approximately the midway point and immediately prior to the conclusion of each immediately prior to the flow period, at least one time during each flow period (a thereof, and at hourly intervals thereafter, including one pressure measurement beginning of each flow-period, at fifteen minute intervals during the first hour pressure gauge at five-minute intervals as follows: 1 hour tests: immediately prior to the beginning of each flow-period, at fifteen minute intervals during the first hour

7. Pressures for gas-zone tests must be measured on each zone with a deadweight except that the previously produced zone shall remain shut-in while the zone which