

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 BURLINGTON RESOURCES OIL & GAS CO. Lease HUERFANITO UNIT Well No. 98

Location

of Well: Unit G Sect 35 Twp. 027N Rge. 009W 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	MESAVERDE	Gas	Flow	Tubing
Lower Completion	DAKOTA	Gas	Flow	Casing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 7/18/97	Length of time shut-in 120 Hours	SI press. psig 1	Stabilized? (Yes or No)
Lower Completion	7/18/97	72 Hours	379	

FLOW TEST NO. 1

Commenced at (hour,date)* 7/21/97		Zone producing (Upper or Lower) LOWER	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE	
		Upper Completion	Lower Completion
7/22/97	96 Hours	1	150
7/23/97	120 Hours	1	150

Production rate during test

Oil: BOPD based on Bbbs. in Hours. Grav. GORGas: 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)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

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

Production rate during test

10

BOFD based on

in. is.

Hours.

GRAV.

GOR

Gas:

MEHPD; tested thru (Office or Meter):

Remarks:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved

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Operator

New Mexico Oil Conservation Division

By

Tide

By

epi.

Deposited on 8/10/2009

Date _____

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiple completion 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 connected on all multiple completions within seven days following recompletion and/or chemical or fracturing treatment, and whenever remedial work has been done at any time 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.
- 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 with the other zone remaining 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 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 connected 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.
7. Pressures for gaszone tests must be measured on each zone with a deadweight pressure gauge at five-minute intervals at fifteen-minute intervals for the first hour beginning or each flow period, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion 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.
8. The results of the above-described test shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the state District Office of the New Mexico Oil Conservation Division or Northwest New Mexico Packer Leakage Test Form Revised 10/07/77 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zone only) and gravity and GOR (oil zones only) as previously shut-in is produced.
- except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.