

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 SAN JUAN 28-5 UNIT Well No. 59MLocation of Well: Unit C Sect 30 Twp. 028N Rge. 005W 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	MESAVERDE	Gas	Flow	Tubing
Lower Completion	DAKOTA	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 9/11/98	Length of time shut-in 120 Hours	SI press. psig 290	Stabilized? (Yes or No)
Lower Completion	9/11/98	72 Hours	380	

FLOW TEST NO. 1

Commenced at (hour,date)*		9/14/98		Zone producing (Upper or Lower)		LOWER
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS	
		Upper Completion	Lower Completion			
9/15/98	96 Hours	295	175		CSG340 Shut in 74hrs	
9/16/98	120 Hours	295	270		CSG340	
					High line pressure	

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)

FLOW TEST NO. 2

[illegible]

Production rate during test

!!O

BOPD based on

Bbls. in

 SiNOH

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

New Mexico Oil Conservation Division

ORIGINAL SIGNED BY CHARLIE T. PERROW

DEPUTY OIL & GAS INSPECTOR, DIST. #3

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NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date _____

Monday, October 05, 1998

Title

Operations Associate

By

Operator **Burlington Resources**

Operator

Burlington Resources

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JAN 21 1999

Approved

New Mexico Oil Conservation Division

By _____

Title	Author	Year	Source
1. The Role of the Teacher in the Classroom	John Dewey	1902	Democracy and Education
2. The Importance of Play in Child Development	Sigmund Freud	1908	The Psychology of the Child
3. The Impact of Socialization on the Individual	Emile Durkheim	1893	The Division of Labor in Society
4. The Role of the Family in the Development of the Child	Sigmund Freud	1905	The Psychology of the Child
5. The Importance of the Teacher's Role in the Classroom	John Dewey	1902	Democracy and Education
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9. The Role of the Family in the Development of the Child	Sigmund Freud	1905	The Psychology of the Child
10. The Importance of the Teacher's Role in the Classroom	John Dewey	1902	Democracy and Education

A packet (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 multiple completions work plan. Such tests shall also be commenced on all other 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 tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when required 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
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 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

8. The results of the above-described tests shall be filed in duplicate within 15 days after completion of the test. Tests shall be filed with the AEE District Office of the New Mexico 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).

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 test; 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 test: 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 the conclusion of each flow period.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously checked 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.