

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENT

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

RECEIVED
OIL CONSERVATION DIVISION
OCT 26 1999

API # 30-039-07105

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

DIST. 3

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease SAN JUAN 27-5 UNIT Well No. 64

Location of Well: Unit M Sect 09 Twp. 027N 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	PICTURED CLIFFS	Gas	Flow	Tubing
Lower Completion	MESAVERDE	Gas	Flow	Casing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	7/16/99	120 Hours	201	
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	7/16/99	72 Hours	383	

FLOW TEST NO. 1

Commenced at (hour,date)*		7/19/99		Zone producing (Upper or Lower)	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS
		Upper Completion	Lower Completion		
7/20/99	96 Hours	209	166		
7/21/99	120 Hours	209	160		

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

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

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 OCT 26 1999 19 _____

New Mexico Oil Conservation Division

Operator Burlington ResourcesBy *Adrian Ring*By ORIGINAL SIGNED BY CHARLIE T. PERRENTitle Operations AssociateTitle DEPUTY OIL & GAS INSPECTOR, DIST. #8Date Friday, October 08, 1999

NORTHWEST NEWMEXICO 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 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.

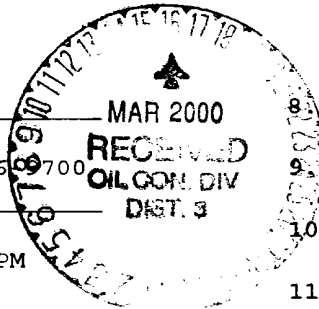
24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a 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 Aztec 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).

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M 890' FSL, 800' FWL Sec. 9, T-27-N, R-5-W, NMPM</p>	<p>5. Lease Number SF-079391</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name San Juan 27-5 Unit</p> <p>8. Well Name & Number SAN JUAN 27-5 UNIT #64</p> <p>9. API Well No. 300390710500</p> <p>10. Field and Pool Tapacito PC/Blanco MV</p> <p>11. County and State Rio Arriba Co, NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Re-Stimulation	

13. Describe Proposed or Completed Operations

Pull 1 1/4" tbg, 2 3/8" tbg, and pkr. Set RBP above PC perfs. Pressure test casing. Retrieve RBP above PC perfs. Set CIBP above MV perfs. Selectively perf and frac by-passed MV zones. Set RBP above MV perfs. Run packer and frac string. Set packer above PC perfs. Frac PC formation. Retrieve RBP and drill CIBP. Clean out wellbore. Run 2-3/8", 4.70#, J-55, EUE tubing and set @ approximately 5838'.

The well will be down-hole commingled after the workover and returned to production. An application for down-hole commingling is being submitted to the New Mexico Oil Conservation Division.

14. I hereby certify that the foregoing is true and correct.

Signed *Deputy Cole* Title Regulatory Administrator Date 1/26/00

(This space for Federal or State Office use)

APPROVED BY /s/ Charlie Beecham Title Team Lead, Petroleum Management Date 2/2/00
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

San Juan 27-5 Unit #64

Tapacito Pictured Cliffs / Blanco Mesaverde

Unit M, Section 9, T27N, R5W

Rio Arriba County, NM

Elevation: 6726' GL, 6736' KB

LAT: 36° 34.99' / LONG: 107° 22.18'

