

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

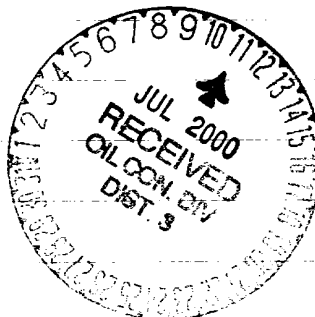
OIL CONSERVATION DIVISION

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	BURLINGTON RESOURCES OIL & GAS CO.				Lease	SAN JUAN 28-5 UNIT		Well No.	34		
Location of Well:	Unit	M	Sect	18	Twp.	028N	Rge.	005W	County	RIO ARRIBA	
	NAME OF RESERVOIR OR POOL				TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM		
					(Oil or Gas)		(Flow or Art. Lift)		(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	Length of time shut-in			SI press. psig		Stabilized? (Yes or No)				
	06/09/2000	120 Hours			343						
Lower Completion	06/09/2000	72 Hours			350						
FLOW TEST NO. 1											
Commenced at (hour,date)*	06/12/2000			Zone producing (Upper or Lower)			LOWER				
TIME	LAPSED TIME	PRESSURE			PROD. ZONE						
(hour,date)	SINCE*	Upper Completion	Lower Completion		TEMP			REMARKS			
06/13/2000	96 Hours	312	260					Turned on Dakota formation.			
06/14/2000	120 Hours	336	181								

mv remained si another 24 hrs and lost pre



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)

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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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 _____ 19 _____

New Mexico Oil Conservation Division

ORIGINAL SIGNED BY CHARLIE T. PEPIN

By _____

Title **DEPUTY OIL & GAS INSPECTOR, DIST. 43**Operator **Burlington Resources**By *Delano Dings*Title **Operations Associate**Date **Thursday, July 06, 2000**

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).

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	DHC-2071	API # (assigned by OCD) 30-039-07403 5. Lease Number Fee 6. State Oil&Gas Lease # 7. Lease Name/Unit Name San Juan 28-5 Unit 8. Well No. 34 9. Pool Name or Wildcat Blanco MV/Basin DK 10. Elevation:
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY		
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		
4. Location of Well, Footage, Sec., T, R, M 990' FSL, 990' FWL, Sec.18, T-28-N, R-5-W, NMPM, Rio Arriba County		

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

13. Describe Proposed or Completed Operations

10-1-00 MIRU. ND WH. NU BOP. TIH, tag up @ 7170'. Establish circ. Circ hole clean. TOOH w/1 1/4" tbg.

10-2-00 TIH, release seal assembly. TOOH w/seal assembly & 2 3/8" tbg. TIH w/pkr plucker. Establish circ. Circ hole clean. TOOH w/Model "D" pkr. TIH w/4 1/4" mill.

10-3-00 Establish circ. Circ hole clean to PBTD @ 7910'. Pump 12 bbl 15% HCl @ 7420'. TOOH w/mill. TIH w/250 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 7804', (SN @ 7771'). ND BOP. NU WH. RD. Rig released.

Well will produce as a Mesaverde/Dakota commingle under DHC-2071

SIGNATURE *Steven N. Hayden* Regulatory Supervisor October 25, 2000

no
(This space for State Use)

Original Signed by **STEVEN N. HAYDEN**

DEPUTY OIL & GAS INSPECTOR, DIST. 3

OCT 31 2000

Approved by _____ Title _____ Date _____

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENT

OIL CONSERVATION DIVISION

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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. 34

Location of Well: Unit M Sect 18 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 450	Stabilized? (Yes or No)
Lower Completion	9/11/98	72 Hours	470	

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	450	265		Shut in 74hrs open lower zone
9/16/98	120 Hours	455	270		

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)

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

Production rate during test

:110

BOPD based on

Bbls. in

510H

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

By

DEPUTY OIL & GAS INSPECTOR, DIST. #3

little

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Little

Operations Associate

By

Operator Burlington Resources

61

JAN 3 1966

ORIGINAL SIGNED BY SUBJECT (PERSON)

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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

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.

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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 diaphragm pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

7. Pressures for gas-zone tests must be measured on each zone with a deadweight tester at intervals as follows:

- a. 3 hours test; immediately prior to the beginning of each flow period.
- b. 1-hour test; immediately prior to the beginning of each flow period, at intervals thereafter, including one-minute intervals during the first hour thereof, and at hourly intervals during the remainder of each flow period.
- c. 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 wells which have previously shown questionable test data 24-hour to 30 days in 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 once, 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 gauges shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced