

OIL CONSERVATION DIVISION

API # 39-039-22026

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	BURLINGTON RESOURCES OIL & GAS CO.				Lease	COMPANERO		Well No.	2	
Location of Well:	Unit	O	Sect	12	Twp.	027N	Rge.	004W	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)			
	12/14/2001	120 Hours				339				
Lower Completion	12/14/2001	72 Hours				453				
FLOW TEST NO. 1										
Commenced at (hour, date)*	12/17/2001				Zone producing (Upper or Lower)		LOWER			
TIME	LAPSED TIME	PRESSURE				PROD. ZONE				
(hour, date)	SINCE*	Upper Completion	Lower Completion		TEMP	REMARKS				
12/18/2001	96 Hours	339	167							
12/19/2001	120 Hours	341	132							



Production rate during test

Oil BOPD based on Bbbls. 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)

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 DEC 28 2001 19 _____

New Mexico Oil Conservation Division

ORIGINAL SIGNED BY CHARLES T. POPPIN

By _____

Title DEPUTY DIR. & AS INSPECTOR, DIST. #3Operator Burlington ResourcesBy Adrian ReyesTitle Operations AssociateDate Thursday, December 27, 2001

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

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 has 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 operators shall also be so notified.

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 pressures of each has stabilized, provided however, that they need not remain shut-in more than seven days.

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 even days in the case of a gas well and for 14 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 surface completion the flow period shall be three hours.

Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with the instructions.

Flow Test No. 2 shall be conducted through a depth of flow was had during Flow Test No. 1. The test shall be conducted in the same manner as the 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-hour 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 mid-way 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 and/or 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 June 1978 with all deadweight pressures indicated thereon as well as the following test data: (gas zones only) and gravity and GOR (oil zones only).