

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENT

OIL CONSERVATION DIVISION

This 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	REID		Well No.	23	
Location of Well:		Unit	L	Sect	17	Twp.	02&N	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		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)		
	03/08/2002		120 Hours			246					
Lower Completion	03/08/2002		72 Hours			303					
FLOW TEST NO. 1											
Commenced at (hour,date)*			03/11/2002			Zone producing (Upper or Lower)			LOWER		
TIME		LAPSED TIME		PRESSURE		PROD. ZONE					
(hour,date)		SINCE*		Upper Completion		Lower Completion		TEMP		REMARKS	
03/12/2002		96 Hours		246		204				MV shut-in since 12-1-95	
03/13/2002		120 Hours		246		189				Pending Evaluation	
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)		
6804501		372		(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

Of _____ BOPD based on _____ Bbls. in _____ Hours _____ GOR _____

Orifice: _____ 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

By _____

Title _____

Operator _____ Burlington Resources

By _____

Title _____ Operations Associate

Date _____ Tuesday, April 30, 2002

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

7. A packer leakage test shall be commenced on each dual completion well within 90 days after initial completion of the well, and annual thereafter as prescribed by the Division for the multiple completion. Such tests shall also be commenced on all dual completion wells within seven days following recompletion and/or chemical or fracture treatments, and whenever remedial work has been done on a well during which the packer or fluid control has been disturbed. Tests shall also be taken at any time that communication is suspected or as requested by the Division.
8. 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 wells shall also be so notified.
9. 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 wellhead pressure in each zone is stabilized, provided however, that they need not remain shut-in more than seven days.
10. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal afterflow 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 flow control valve in the flow period shall be three hours.
11. Following completion of Flow Test No. 1, the well shall again be shut-in in accordance with paragraph 9 above.
12. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. The date for Flow Test No. 2 is to be the same 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.
13. Pressures for gas wells shall be measured on each zone with a deadweight pressure gauge at time of shut-in and at various times during 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 the pressure measurement immediately prior to the conclusion of each flow period. For oil tests immediately prior to the beginning of each flow period at least one time during each flow period (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.
14. For 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. For gas wells, gas/oil or air/oil-gas dual completion, the recording gauges shall be equipped with a flow valve with deadweight pressures as required above being taken on the gas zone.
15. 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 and the nearest New Mexico Packer Leakage Test Form Revised (1-1-78) with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gauges and GOR's (oil zones only).