

# OIL CONSERVATION DIVISION

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC. Lease SAN JUAN 28-6 UNIT Well No. 94  
Location  
of Well: Unit B Sect. 36 Twp. 028N Rge. 006W 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	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
	11-8-96	5 days	401	
Lower Completion	11-8-96	3 days	1005	

### FLOW TEST NO. 1

Commenced at (hour,date)* 11-11-96				Zone producing (Upper or Lower) <i>Lower</i>	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS
		Upper Completion	Lower Completion		
11-11-96	72 hrs	401	1005		open for flow
11-12-96	96 hrs	403	649		
11-13-96	120 hrs	403	567		

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DEC - 9 1996  
**OIL CON. DIV.**  
DIST. 3

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)

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## FLOW TEST NO. 2

DATE**		Zone producing (Upper or Lower):		
FLOW TIME	PRESSURE		PROD. ZONE	REMARKS
	Upper Completion	Lower Completion		
NCE**			TEMP.	

Flow test

BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_

The information herein contained is true and complete to the best of my knowledge.

DEC 10 1986

Operator Burlington Resources Oil & Gas Co.

Conservation Division

By Dolores Diaz

Deputy Oil & Gas Inspector

Title Operations Associate

Date 11-30-86

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

shall be commenced on each multiple completed well within seven days after oil, and annually thereafter as prescribed by the order authorizing the multiple well also be connected on all multiple completions within seven days following seal or frac-ture treatment, and whenever remedial work has been done on a well or the tubing have been disturbed. Tests shall also be taken at any time that is requested or when requested by the Division. To the commencement of any packer leakage test, the operator shall notify the exact time the test is to be commenced. Offset operators shall also be so

shall commence when both zones of the dual completion are shut-in for in zones shall remain shut-in until the well-head pressure in each has stabilized, or need not remain shut-in more than seven days. The zone of the dual completion shall be produced at the normal rate of zone remains shut-in. Such test shall be continued for seven days if the case of s in the case of an oil well. Note: if, on an initial packer leakage test, a gas atmosphere due to the lack of a pipeline connection the flow period shall be

of flow Test No. 1, the well shall again be shut-in, in accordance with

no conducted even though no leak was indicated during flow Test No. 1. 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 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 of 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).