

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC. Lease SAN JUAN 29-7 UNIT Well No. 070A
Location of Well: Unit F Sect. 35 Twp. 029N Rge. 007W 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)
	8-2-96 0900	120 hrs	340#	Yes
Lower Completion	8-2-96 0900	72 hrs	170#	Yes

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS
		Upper Completion	Lower Completion		
0830 8-5-96	72 hrs	340#	170#		Open OK
0800 8-6-96	96	340#	120#		
0910 8-7-96	120	340#	110#		
					RECEIVED
					SEP 20 1978
					OIL CONSERVATION DIVISION

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)

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FLOW TEST NO. 2

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

Flowing test

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

I certify that the information herein contained is true and complete to the best of my knowledge.

NOV 05 1996
 Oil Conservation Division
 Operator Burlington Resources, Inc
 By Robert Diaz
 Title Operation Associate
 Deputy Oil & Gas Inspector _____ Date _____

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Test shall be commenced on each multiply completed well within seven days after the well is completed, and annually thereafter as prescribed by the order authorizing the test. Such tests shall also be conducted on all multiple completions within seven days after fracture treatment, and whenever remedial work has been performed on the well which the packer or the tubing have been disturbed. Tests shall also be taken at any time when packer leakage is suspected or when requested by the Division. Prior to the commencement of any packer leakage test, the operator shall notify the Division of the exact time the test is to be commenced. Offset operators shall also be so notified. The test shall commence when both zones of the dual completion are shut-in for 24 hours. Both zones shall remain shut-in until the well-head pressure in each has stabilized. However, that they need not remain shut-in more than seven days. 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 if the case of an oil well. Note: if, on an initial packer leakage test, a well is shut-in to the atmosphere due to the lack of a pipeline connection the flow period shall be 24 hours. At the end of flow Test No. 1, the well shall again be shut-in, in accordance with the instructions for Flow Test No. 1. A packer leakage test shall be conducted even though no leak was indicated during flow Test No. 1. The 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 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 describes 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).