STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER-LE

API#

Well

Stabilized? (Yes or No)

Stabilized? (Yes or No)

30-039-25567

Page 1 Revised 10/01/78

BURLINGTON RESOURCES OIL & GAS CO. SAN JUAN 29-7 UNIT 57A Operator Lease No. Location of Well: F **RIO ARRIBA** Unit 029N 007W County Sect 11 Twp. Rge. NAME OF RESERVOIR OR POOL TYPE OF PROD. METHOD OF PROD. PROD. MEDIUM (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper **MESAVERDE** Artificial Gas Tubing Completion Lower DAKOTA Artificial Gas Tubing Completion PRE-FLOW SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in Stabilized? (Yes or No) SI press, psig Completion 06/02/2005 144 Hours 171 Lower Completion 06/02/2005 96 Hours 374 FLOW TEST NO. 1 06/06/2005 Commenced at (hour,date)* Zone producing (Upper or Lower) LOWER TIME LAPSED TIME PRESSURE PROD. ZONE (hour,date) SINCE* Upper Completion Lower Completion TEMP REMARKS 06/07/2005 120 Hours 172 116 Turned on Lower zone. 06/08/2005 144 Hours 173 113 **End Test** Production rate during test Oil BOPD based on Bbls. in

Completion 3613902 358

Upper

Completion Lower Hour, date shut-in

Hour, date shut-in

Gas:

(Continue on reverse side)

MID-TEST SHUT-IN PRESSURE DATA

SI press. psig

SI press. psig

MCFPD; Tested thru (Orifice or Meter):

Length of time shut-in

Length of time shut-in

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):		
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE	REMARKS	
		Upper Completion	Lower Completion	TEMP.	n.	ENAMM
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	В			Hours		
	the information he		and complete to t	the best of my knowled	ge.	
Approved	IUL - 8 20 1 Conservation Divi	0519 sion	· · ·	Operator Burling By	logy Cogy	
By Chal	1			Title Operations	Associate	
SUPERVISOR DISTRICT # 3 Date						

NORTHWEST NEWMEXICO 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 have 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 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.
- 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

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- 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).