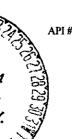
STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

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

## OIL CONSERVATION DIVISIÓ



30-045-06083

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## NORTHWEST NEW MEXICO PACKER

Well BURLINGTON RESOURCES OIL & GAS CO. **HUERFANO UNIT** 99 No. Operator Lease Location of Well: 010W SAN JUAN Unit С Sect Twp. 026N Rge. County TYPE OF PROD. METHOD OF PROD. PROD. MEDIUM NAME OF RESERVOIR OR POOL (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper Tubing **GALLUP** Artificial Gas Completion Lower Artificial DAKOTA Gas Tubing Completion PRE-FLOW SHUT-IN PRESSURE DATA Stabilized? (Yes or No) Length of time shut-in SI press. psig Upper Hour, date shut-in Completion 7/23/2004 120 Hours 133 Lower Completion 7/23/2004 72 Hours 359 FLOW TEST NO. 1 7/26/2004 Commenced at (hour,date)\* Zone producing (Upper or Lower) LOWER PRESSURE LAPSED TIME PROD. ZONE TIME SINCE\* Upper Completion Lower Completion TEMP REMARKS (hour,date) 7/27/2004 96 Hours 132 330 Dakota open for flow 7/28/2004 120 Hours 138 282 Dakota flowing Blew DK down to 50psi, no fluctuation on GI Production rate during test Oil: BOPD based on Bbls. in Hours. Gas: MCFPD; Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No) Completion Lower Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No)

Completion 5304702 353

(Continue on reverse side)

Commenced at (hour, date)\*\*

TIME LAPSED TIME SINCE\*\*

Upper Completion Lower Completion TEMP.

PRESSURE PROD. ZONE TEMP.

REMARKS

PREMARKS

PROD. ZONE TEMP.

REMARKS

PROD. ZONE TEMP.

REMARKS

Oil: BOPD based on Bbls. in Hours Grav. GOR

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Production rate during test	.,					1° 4. 'm'
	sed on	_Bbls. in	Hours	Grav	/ //// <b>GOR</b>	• •
Gas:			or Meter):	4,11	to drag to grade	
Remarks:	<i>#</i> :				· ,	
	. 4	1 111			1.37	/ W <sub>2</sub>
I hereby certify that the information herein con			est of my knowled			
Approved AUG 23 2004	19		erator Burling	ton Resources		****
New Mexico Oil Conservation Division		Ву	Alora		. 10,	,
By ChalTh		Titl	e <u>Operations A</u>	Associate	<u> </u>	
Title DEPUTY OIL & GAS INSPECTOR, DIS	T .48	Dat	e <u>Tuesday, Au</u>	gust 10, 2004		

## 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.
- 5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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

- 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).