STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

I has form is not to be used for reporting packer leakage lests in Southeast New Mexico

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator B	URLINGTON RESOURC	ES OIL & GAS CO.	Lease	CANYON LAF	RGO UNIT	Well No. 183		
Location								
of Well:	Unit B Sect NAME OF	02 Twp. C RESERVOIR OR POOL	0 <b>25N</b> Rge. TY	006W YPE OF PROD. (Oil or Gas)	County RIO ARRI METHOD OF PROL (Flow or Art Tift)	D. PROD. MEDIUM		
Upper Completion	PICTURED CLIFFS			Gas	Flow	Tubing		
Lower Completion	CHACRA			Gas	Flow	Tubing		
			OW SHUT-IN PRESS	URE DATA				
Upper Completion Lower	Hour, date shut-in 7/28/00	Length of time shut-in 120 Hours		ress. psig 148	Stabilized? (Yes or No)			
Completion	7/28/00	72 Hours	FLOW TEST NO.	259				
Communicad	at (hour.date)*	7/31/00	FLOW TEST NO.			LOWED		
TIME	LAPSED TIME	PRESSU	JRE	PROD. ZONE	(Upper or Lower)	LOWER		
(hour.date)	SINCF*	Upper Completion I	Lower Completion	TEMP	R	EMARKS		
8/1/00	96 Hours	168	98					
8/2/00	120 Hours	165	46		· · · · · · · · · · · · · · · · · · ·			
Production rate during test								
Oil:	BOPD based on	Bbls. in	Hours.		Cirav.	GOR		
Gas:		MCFPD: Tested thru (Or	ifice or Meter):					
		MID-TE	ST SHUT-IN PRESS	URE DATA				
Upper Completion	Hour, date shut-in	Length of time shut-in		ress. psig	Stabilized?	(Yes or No)		
Lower Completion	Hour, date shut-in	Length of time shut-in	SI p	ress. psig	Stabilized?	(Yes or No)		
529180° 30° (Continue on reverse side)								

## FLOW TEST NO. 2

Commenced at (hour, d	ate)**			Zone producing (Upper or Lower):				
TIME (hour, date)	LAPSED TIME SINCE **	PRESS	SURE	PROD. ZONE	REMARKS			
		Upper Completion	Lower Completion	TEMP.				
				+				
	ļ <u></u>							
	<u> </u>	1		<u>,                                      </u>				
Production rate du	ring test							
Oil:	В	OPD based on	Bbls. in _	Hours	Grav	GOR		
Gas:	***	MCFPD	: Tested thru (Ori	fice or Meter):				
Remarks:		<del></del>						
·								
I hereby certify tha	at the information he	erein contained is true	and complete to t	he best of my knowledg	ė.			
,,	SEP -	7 7000						
Approved	المال	19		Operator Burlingto	n Resources			
	il Conservation Div			By Alan K	Para			
GREG	inal signed - "	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		By AMARIA	<del>ray</del> ,	<u>.</u>		
Ву				Title Operations As	ssociate			
UPU.	It Old A Las 1915	**************************************						
Title		৯১ , দাং নাঞ্ <b>া, মুদ্রি</b>		Date Tuesday, September 05, 2000				

## NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- I. 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.
- 2. 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.
- 3 The packer leakinge 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.
- 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

- 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 wice, 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).