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

## NEW MEXICO OIL CONSERVATION DIVISION

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Page 1 Revised June 10, 2003

Operator	TO Energ	y Inc.		Lease Na	me <b>Su</b>	Ilivan Fra	me No. A # IE
	ell: Unit Letter _	•	O Twp 29				
	Name of Reservoir or Pool		Type of Prod. (Oil or Gas)		Method of Prod. (Flow or Art. Lift)		Prod. Medium (Tbg. Or Csg.)
	Mesaverde	Ichacra	GAS		Art. Lift		Thg
Lower Completion	DAKOta		GAS		Flow		Tbg
:		Pre	e-Flow Shut-In	Pressure Da	ıta		
Upper Completion	Hour, Date, Shut-In 10:00 4m 10-31-06		Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)
Lower Completion	Hour, Date, Shut-In 10:00 <sup>A</sup> Im 10-31-06		Length of Time Shut-In			ess. Psig	Stabilized? (Yes or No)
			Flow Test	No. 1			
Commenced a	at (hour, date)*/0	:30 m 11-0	6-06 Z	one producir	ng (Uppe	er or <u>Lower</u> ):	Dakota
Time (Hour, Date)	Lapsed Time Since*	Pres Upper Compl.	ssure Lower Compl.	Prod. Z Tem	I .	Remarks	
10:45. Alm		165	540			Flowing 7	Through Separator.
11:00 A/m		165	375				
11:15 A/m	45 min	165	230				KCND WOA30,
11:30 A/m	1 hour	165	120		OIL C(		OIL CONS. D DIST. 3
12:30 m	2 hours	165	60				
1:30 P/M	3 hours	165	0		-	Test Com	pleted.
Production rate	during test						
Oil: <u> </u>	BOPD based o	nBbl	s. In	_ Hrs <del>_</del>	(	Grav	GOR
Gas:	→ MCFP	D; Test thru (Orif	ice or Meter): _	NIA			
			d-Test Shut-In				
Upper Completion	Hour, Date, Shut	-In	Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)
Lower	Hour, Date, Shut	-ln	Length of Time Shut-In		SI Press. Psig		Stabilized? (Yes or No)

(Continue on reverse side)

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

			Flow Test N	No. 2		
Commenced a	at (hour, date)**	N/A -	Ze	ne producing (U	pper or Lower):	
Time Lapsed Tim		Pre	essure	Prod. Zone	Remarks	
(Hour, Date)	Since**	Upper Compl.	Lower Compl.	Temp.		
N/A_						
		, ,				
Production rate	during test	1				
Oil:	BOPD based	l on	_Bbls. In	Hrs <del>_</del>	Grav. GOR	
Gas:	MCFP	D; Test thru (Ori	fice or Meter):	<del></del>	-	
Remarks:		er .		,		
ApprovedNew Mexico C		O 2006 Division	ned is true and con	Operator	of my knowledge.  XTO Energy Inc  immy Costale 2  oduction Foreman  ress j: mmy Costalez Stoenegy.con	
				2 man mad	- MANY COSCILL XTOEIRIGYICOM	
				Date //	-08-2006	

Northwest New Mexico Packer Leakage Test Instructions

- 1. 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 est, 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 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 nowever, that they need not remain shut-in more than seven days.
- 1. 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 case of a gas well and 24 hours in the case of an oil well. Note: if, on an initial packer eakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
- Following completion of Flow Test No. 1, the well shall again be thut-in, in accordance with Paragraph 5 apove.

- 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 hour 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 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 11-16-98. with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).