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

## Oil Conservation Division

## Northwest New Mexico Packer-Leakage Test

Page 1 Revised June 10, 2003

Operator COI	<b>D</b>		Lease	Name LUDV	VICK LS		Well No. 13	
ocation of W	ell: Unit L	etter G S	Sec 05	Twp 029N	Rge	010W API	# 30-045-08781	
	Name of Reservoir or Pool		ol	Type of Prod		Method of Prod	Prod Medium	
Upper Completion	PC	<del>Territorial</del>	Gas		Flow		Tubing	
Lower Completion	MV		Gas		Artifici	al Lift	Tubing	
			Pre-Flow S	hut-In Pressu	ire Data			
Upper				Length of Time Shut-In		s. PSIG	Stabilized?(Yes or No)	
Completion	8/1/	2016	96 h	96 hours		245	Yes	
Lower	Hour, Date, Shut-In		Length of	Length of Time Shut-In		s. PSIG	Stabilized?(Yes or No)	
Completion	8/1/2016		179	hours		162	Yes	
Time (date/time)		Lapsed Time Since*		SURE Lower zone	Prod Zone Temperature		Remarks	
							Remarks	
8/5/2016 1:49:45 PM		13	235	162				
8/5/2016 2:12:43 PM		14	123	162				
8/8/2016 11:39:16 AM 83		101	165					
roduction rat	e during te	est						
il:	BPOD Based on:		Bbls. In	Hrs.		Grav.	GOR	
as		MCFPD; Test t	hru (Orifice or M	eter)				
			Mid-Test S	hut-In Pressu	re Data			
Upper Completion	Hour, Date, Shut-In			Length of Time Shut-In		s. PSIG	Stabilized?(Yes or No)	
	Hour, Date, Shut-In		111	Length of Time Shut-In		s. PSIG	Stabilized?(Yes or No)	

(Continue on reverse side)

OIL CONS. DIV DIST. 3
AUG 16 2016

## Flow Test No. 2

7--- D--- | 11----- | 1 ---- |

Commenced at.			Zone Pro	baucing (Uppe	er or Lower)
Time	Lapsed Time Since*	PRESSURE		Prod Zone	
(date/time)		Upper zone	Lower zone	Temperature	Remarks
Oil: BPO	D Based on:	Bbls. In	Hrs.		Grav. GOR
Bas	MCFPD; Test to	hru (Orifice or M	eter)		
Remarks:					
Citiano.					
hereby certify that th	e information herein o	contained is true	and complete	to the best of	my knowledge
1-			•		
Approved: 17	AUG	20 /6	Operat	tor: COP	
New Mexico Oil Co	onservation Division		By:	Nathaniel Ni	chols
By: Assert	Gas Inspector,			Multi-Skilled	Operator
Title:	District #3		Data		
itie.			Date:	wonday, Au	gust 15, 2016

## 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.

- 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 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).

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