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

## **Oil Conservation Division**

## **Northwest New Mexico Packer-Leakage Test**

Page 1 Revised June 10, 2003

Operator BR					Leas	se Name	SAN	JUAN 30	)-6 UN	IT	Well No. 11A
Location of We	ell: Unit	Letter _	D	Sec	23	Twp	030N	Rg	e	006W API	# 30-039-25898
	Name of Reservoir or Pool			Type of Prod				Method of Prod		Prod Medium	
Upper Completion	MV				Gas				Flow		Tubing
Lower Completion	DK				Gas				Flow		Tubing
				Pr	e-Flow	Shut-In	Pressu	re Data			
Upper Completion	Hour, Date, Shut-In 8/19/2010			Length of Time Shut-In 156 hours				SI Press. PSIG		Stabilized?(Yes or No) Yes	
Lower Completion		ate, Shut-Ir	)		1	of Time S	hut-In		SI Press. PSIG		Stabilized?(Yes or No)
Completion	8/1	9/2010			0 hours					350	Yes
	No. of Contrast Assessment Assessment		77		FI	ow Test	№o. 1				
Commenced	at:		8/19/201	0		Z	one Pro	oducing (	(Upper	or Lower): LC	WER
Time		Lapsed Time s) Since*		,	PRESSURE P			Prod 2	od Zone		
(date/time	e)			Upp	Upper zone		r zone	Temperature		Remarks	
8/23/2010 12:30	:00 PM		108		200	35	50		-		
<b>8/24/2010 12</b> :30	8/24/2010 12:30:00 PM 132			200		50	Achieved 20% production.			crossover, opened Dakota for	
8/25/2010 12:30	8/25/2010 12:30:00 PM 156				200 140			Test complete. Opened Mesa Verde for production.			
Production rate	during t	test									
Oil:BPOD Based on:Bb			bls. InHrs				Grav.		GOR		
Gas		MCf	FPD; Te	st thru (Or	ifice or l	Meter) _					
				Mi	d-Test	Shut-In l	Pressu	re Data			
Upper Completion	Hour, Date, Shut-In			Length of Time Shut-In				SI Press. PSIG		Stabilized?(Yes or No)	
Lower Completion	Hour, Date, Shut-In				Length of Time Shut-In				SI Press. PSIG		Stabilized?(Yes or No)

(Continue on reverse side)





Remarks

## Northwest New Mexico Packer-Leakage Test

F	low	Tes	t N	lo	1

Lower zone

**PRESSURE** 

Upper zone

Zone Producing (Upper or Lower)

Prod Zone

Temperature

Production rate durin		Bbls. In	Hrs.		Grav.	GOR		
Gas	MCFPD; Test the	ru (Orifice or M	eter)					
Remarks:								
I hereby certify that the	ne information herein co	ontained is true	and complete	to the best of	my knowledge.			
Approved:	4-10	20 10	Opera	tor: BR				
	onservation Division							
By: Zell G. Rolt				Title: Multi-Skilled Operator				
Title: Deputy Oil & Gas Inspector,  District-#3				Date: Thursday, August 26, 2010				

## 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.

Commenced at:

Time

(date/time)

Lapsed Time

Since\*

- 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

- 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 approximately the midway point) and immediately prior to the conclusion 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).