This form is not to be used 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 Burl	ngton Re	esources	Oil & Gas	Co. Le	ease Nam	e SAN J	JUAN 30-6	UNIT		Well No. 94B	
Location of We	ell: Unit	Letter _		Sec28_	Twp_	030N	Rge	00	7WAP	I # <u>30-039-26266</u>	
	N	lame of Re	eservoir or Po	ol	Type of Prod				ethod f Prod	Prod Medium	
Upper Completion	PC			(	Gas			Artificial Lift		Tubing	
Lower Completion	MV/DK				Gas			rtificial	Lift	Tubing	
				Pre-Flo	w Shut-In	Pressu	re Data				
Upper Completion	5/1	ate, Shut-I		Len	Length of Time Shut-In 152 hours			Press.	156	Stabilized?(Yes or No) Yes	
Lower Completion	Hour, Date, Shut-In 5/10/2007				Length of Time Shut-In 104 hours			Press.	230	Stabilized?(Yes or No) Yes	
					Flow Tes	t No. 1					
Commenced	 at: 5/14	1/2007 8	:32:00 AM				ducing (U	pper o	r Lower): Lo	ower	
Time (date/time)		Lapsed Time Since* Up			PRESSURE Upper zone Lower zone		Prod Zone Temperature			Remarks	
5/14/2007 8:33	25 AM		0	156		230					
5/15/2007 8:33:	5/15/2007 8:33:59 AM		24			104					
5/16/2007 8:34:	27 AM		48	164		22					
Production rate	e during	test			•		•			·	
Oil:	oil:BPOD Based on:B			Bbls. In	Bbls. InHrs			Grav		GOR	
Gas		MC	FPD; Test t	thru (Orifice	or Meter)	-17-					
				Mid.To	et Shut-In	Droccu	ro Nata				
Upper Completion	Hour, Date, Shut-In				id-Test Shut-In Pressure Dat  Length of Time Shut-In			SI Press. PSIG		Stabilized?(Yes or No)	
Lower Completion	Hour, Date, Shut-In			Ler	Length of Time Shut-In			Press.	PSIG	Stabilized?(Yes or No)	

(Continue on reverse side)



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

#### Flow Test No. 2

Commenced at			Zone Pro	Zone Producing (Upper or Lower)					
Time	Lapsed Time	PRES	SURE	Prod Zone					
(date/time)	Since*	Upper zone	Lower zone	Temperature	Remarks				
•						ĺ			
						_			
						-			
						$\dashv$			
Production rate	during test								
Oil:	BPOD Based on:	Bbls. In	Hrs.		GravGOR				
Gas	MCFPD; Test th	ru (Orifice or M	eter)						
Remarks:									
I hereby certify t	hat the information herein c	ontained is true	and complete	to the best of	my knowledge.				
Approved:	MOV 1 6 2007	20	Operat	Operator: Burlington Resources Oil & Gas Co.					
New Mexido	Oil Conservation Division		Ву:	By: Jason Simpson					
By:	Deputy Oil & Gas Ins	pector,	Title:	Title: Multi-Skilled Operator					
Title:	District #3		Date:	Date: Tuesday, November 13, 2007					

#### NORTHWEST NEWMEXICO 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.
- 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 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.
- however, that they need not remain shut-in more than seven days

- $6\,$  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 fitteen-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)

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