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

perator BR					Lease	e Name SAN	JUAN 27-5 I	JNIT	Well No. 52	
ocation of We	ell: Unit	Letter	M	Sec 0	)4	Twp 027N	Rge	005W API	# 30-039-07155	
		Name of Reservoir or Pool			Type of Prod			Method of Prod	Prod Medium	
Upper Completion	PC	PC			Gas			w	Tubing	
Lower Completion	MV	MV			Gas			W	Tubing	
			,	Pre-i	Flow S	Shut-In Pressu	ıre Data			
Upper Completion	Hour, Date, Shut-In 5/6/2010			Length of Time Shut-In 96 hours			Press. PSIG 252	Stabilized?(Yes or No) Yes		
Lower Completion	Hour, Date, Shut-In 5/6/2010			Length of Time Shut-In 152 hours			Press. PSIG 159	Stabilized?(Yes or No) Yes		
					Flo	ow Test No. 1				
Commenced	at:		5/10/2010		- 110		oducing (Up	per or Lower): UF	PPER	
Time (date/time)		Lapsed Time Since*		Upper		SSURE Lower zone	Prod Zon Temperatu	1	Remarks	
5/10/2010 8:36:35 AM		8		25	52	159	60	Stabilized, starte	Stabilized, started flowing upper completion.	
5/11/2010 8:54:52 AM		32		11	9	161	57	Read zone press	Read zone pressures, upper zone still producing.	
5/12/2010 8:46:41 AM		56		11	5	163			ures, upper zone is more ower zone, test is complete	
roduction rate	e during	test								
il:	BPOD Based on:			Bbls.	In	Hrs.	Grav.		GOR	
as	<u> </u>	MC	FPD; Test	thru (Orific	e or M	Meter)				
				Mid-	Test S	Shut-In Pressu	ıre Data			
Upper Completion	Hour, Da	Hour, Date, Shut-In			Length of Time Shut-In			Press. PSIG	Stabilized?(Yes or No)	
Lower	Hour, Date, Shut-In				Length of Time Shut-In			Press. PSIG	Stabilized?(Yes or No)	

(Continue on reverse side)



## Northwest New Mexico Packer-Leakage Test

#### Flow Test No. 2

Commenced at:			Zone Pro	oducing (Uppe	er or Lower)			
Time	Lapsed Time		SURE	Prod Zone		Remarks		
(date/time)	Since*	Upper zone	Lower zone	Temperature	<del>}</del>			
			:					
				L				
Production rate duri	ng test							
Oil:BPC	OD Based on:	Bbls. In	Hrs.		Grav.	GOR		
3as	MCFPD; Test t	hru (Orifice or M	leter)					
Remarks:								
	u tre alta la tr	Andrew at the trans				1		
I hereby certify that t	the information herein o	contained is true	and complete	to the best of	my knowie	age.		
Approved:	JUL 0 6 2010	20	Opera	tor: BR				
New Mexico Oil (	Conservation Division		Ву:	Gary Payma				
By: Telly 6	G. Root		Title:	Multi-Skilled				
	outy Oil & Gas Ins	pector,		Date: Wednesday, May 26, 2010				
nue. Del	Dietrict #3	•	Dale.	vveuriesuay	, iviay 20, 20	,10		

### 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 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
- while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 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 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)

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