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 BR		Lease	Lease Name GRENIER B					
ocation of Well: Unit Letter J Sec		ec <u>05</u>	Twp 029N	Rge	010W API	# 30-045-24884		
	Name of	Reservoir or Pool		Type of Prod		Method of Prod	Prod Medium	
Upper Completion	MV		Gas		Artificial Lift		Tubing	
Lower Completion	DK							
			Pre-Flow S	Shut-In Pressu	ıre Data			
Upper	Hour, Date, Shut-In		Length	Length of Time Shut-In		ess. PSIG	Stabilized?(Yes or No)	
Completion	4/26/2010		96 hours		170		Yes	
Lower Completion	Hour, Date, Shut-In		Length of Time Shut-In		SI Pr	ess. PSIG	Stabilized?(Yes or No)	
Completion	4/26/2010		120	120 hours		0	Yes	
Commenced at: 4/30/2010		DDF			ing (Upper or Lower): UPPER			
Time (date/tim		psed Time Since*	PRESSURE Upper zone Lower zone		Prod Zone Temperatur		Remarks	
4/30/201	0	0	170	0	36	R	RCVD MAY 14'10	
5/1/2010 24		53	0	56	0	IL CONS. DIV.		
roduction rat	e during test						DIST. 3	
Dil:	l:BPOD Based on:			Bbls. InHrs.		Grav.	GOR	
Sas	M	CFPD; Test th	ıru (Orifice or M	leter)				
			Mid-Test S	Shut-In Pressu	ıre Data			
Upper Completion	Hour, Date, Shut-In			Length of Time Shut-In		ess. PSIG	Stabilized?(Yes or No)	
Lower			Length o	Length of Time Shut-In		ess. PSIG	Stabilized?(Yes or No)	

(Continue on reverse side)



Flow Test No. 2

Commenced at:			Zone Pro	oducing (Upper o	or Lower)			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks			
(date/time)	Since	Upper zone	Lower zone	remperature	Remarks			
				,				
			1					
	POD Based on:				avGOR			
Sas	MCFPD; Test t	hru (Orifice or M	leter)					
Remarks:								
Dakota has a temp	plug							
hereby certify that	t the information herein o	contained is true	and complete	to the best of m	y knowledge.			
Approved:	AUG 1 3 2010	20	Opera	tor: BR				
	Conservation Division		· By:	Cherri Ivy				
· Kell, G	Conservation Division		-					
Зу:			Title:	Multi-Skilled O	perator			
Title: Dep	uty Oil & Gas Insp	ector,	Date:	Date: Thursday, May 13, 2010				
	District #3							

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.
- 2 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.

- $\begin{tabular}{ll} 6 & Flow Test No & 2 shall be conducted even though no leak was indicated during Flow Test No & 1 & Procedure for Flow Test No & 2 is to be the same as for Flow Test No & 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced \\ \end{tabular}$
- 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 above