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 Name SAN JUAN 29-7 UNIT Well No. 34A						
ocation of Well	: Unit Letter	F	Sec _	04	Twp029N	Rge	007W API	# 30-039-25565		
	Name of Reservoir or Pool		Pool		Type of Prod		Method of Prod	Prod Medium		
Upper Completion	PC			Gas		Artifici	al Lift	Tubing		
Lower Completion	MV		Gas		Artifici	al Lift	Tubing			
			Pr	e-Flow S	hut-In Pressu	ire Data				
	Hour, Date, Shut-In			Length o	of Time Shut-In	SI Pres	s. PSIG	Stabilized?(Yes or No)		
Completion	5/30/2013			158	hours		155	Yes		
	Hour, Date, Shut-	In		Length of Time Shut-In			s. PSIG	Stabilized?(Yes or No)		
Completion	on 5/30/2013			110 hours			157	Yes		
Commenced at: 6/3/2013 2:00:00 PM Time Lapsed Time		/I	PRES	SURE	Prod Zone	ng (Upper or Lower): LOWER				
			PRES							
(date/time))	Since* Upp		er zone	Lower zone	Temperature	Remarks			
6/3/2013 2:00:00 PM 0			155	157	80	OIL CONS. DIV DIST. 3				
6/4/2013 2:00:00 PM 24		24		155	94	87.7	JUN 1 0 2013			
6/5/2013 2:00:00 PM 48			155	100	91	JON 3	V 20.0			
roduction rate	during test		·							
il:	BPOD Based on:			Bbls. InHrs.		Grav.		GOR		
as	· MC	FPD; Tes	t thru (Or	ifice or M	eter)					
			RA:	d-Test S	hut In Process	ra Data				
	Hour, Date, Shut-		Mi		hut-In Pressu of Time Shut-In		s. PSIG	Stabilized?(Yes or No)		

(Continue on reverse side)

Flow Test No. 2

Commenced at:		Zone Producing (Upper or Lower)									
Time	Lapsed Time	PRES	SURE	Prod Zone Temperature							
(date/time)	Since*	Upper zone	Lower zone			Remarks					
				,							
Production rate d	luring test										
Oil:E	BPOD Based on:	Bbls. In	Hrs.		Grav.	GOR					
GasMCFPD; Test thru (Orifice or Meter)											
Remarks:											
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	B If we will										
	er in a gift	All St. Mile Mile St.									
I hereby certify th	at the information herein o	ontained is true	and complete	to the best of	my knowledge.						
Approved:	9/13	²⁰ /3	Operat	tor: BR							
	Dil Conservation Division			By: Troy Jeffers							
By:	Al contrar	otor	Title	Title: Multi-Skilled Operator							
Title:	District #3	CiOI,		Date: Monday, June 10, 2013							

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.
- 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.
- 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

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

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

remain shut-in while the zone which was previously shut-in is produced.

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.