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

Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	Operator ConocoPhillips Inc.					Name SAN	Well No. 95					
Upper Completion PC Gas Flow Tbg./Csg.	Location of We	ell: Unit	LetterN	l Sec	04	Twp 027N	Rg	je	007W API	# 30-039-07159		
Completion PC Gas Flow Tbg./Csg.		Name of Reservoir or Pool										
Description MV	, ,,	PC			Gas	Gas				Tbg./Csg.		
Upper Completion		MV			Gas	Gas			n	Tubing		
Completion 5/1/2007	Pre-Flow Shut-In Pressure Data											
Stabilized?(Yes or No. Stabilized?(Yes or No.		Hour, Date, Shut-In							113.5	Yes		
Commenced at: 5/3/2007 10:39:00 AM Zone Producing (Upper or Lower): Lower Time (date/time) Lapsed Time Since* PRESSURE Upper zone Lower zone Temperature Prod Zone Temperature Remarks 5/2/2007 10:37:51 AM 0 113.5 373.6 77.7 Both Zones Shut In 5/3/2007 10:44:02 AM 0 113.5 373.6 77.9 Both Zones Shut In 5/4/2007 9:24:03 AM 23 113.5 90.2 61.7 Vent MV to pit to complete Test. Shut MV back Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)					-	_				i i		
Commenced at: 5/3/2007 10:39:00 AM Zone Producing (Upper or Lower): Lower Time (date/time) Lapsed Time Since* PRESSURE Upper zone Lower zone Temperature Prod Zone Temperature Remarks 5/2/2007 10:37:51 AM 0 113.5 373.6 77.7 Both Zones Shut In 5/3/2007 10:44:02 AM 0 113.5 373.6 77.9 Both Zones Shut In 5/4/2007 9:24:03 AM 23 113.5 90.2 61.7 Vent MV to pit to complete Test. Shut MV back Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	Flow Tost No. 1											
Clate/time Since* Upper zone Lower zone Temperature Remarks												
5/3/2007 10.44:02 AM 0 113.5 373.6 77.9 Both Zones Shut In. 5/4/2007 9:24:03 AM 23 113.5 90.2 61.7 Vent MV to pit to complete Test. Shut MV back Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)									Remarks			
5/4/2007 9:24:03 AM 23 113.5 90.2 61.7 Vent MV to pit to complete Test. Shut MV back Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR	5/2/2007 10:37:51 AM 0			113.5	373.6	77.7 Both Zon		Both Zones Shut	nes Shut In			
Production rate during test Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	5/3/2007 10.44:02 AM 0			113.5	373.6	77.9		Both Zones Shut In.				
Oil: BPOD Based on: Bbls. In Hrs. Grav. GOR Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	5/4/2007 9:24:03 AM 23		113.5	90.2	61.7		Vent MV to pit to complete Test. Shut MV back					
Gas MCFPD; Test thru (Orifice or Meter) Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	Production rate	e during	test									
Mid-Test Shut-In Pressure Data Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	Oil:BPOD Based on:Bbl			Bbls. In	s. InHrs		Grav.		GOR			
Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	GasMCFPD; Test thru (Orifice or Meter)											
Upper Completion Hour, Date, Shut-In Length of Time Shut-In SI Press. PSIG Stabilized?(Yes or No)	•			•	Mid-Test S	hut-In Pressu	ıre Data					
Lower Hour, Date, Shut-In Length of Time Shut-In SI Press, PSIG Stabilized?(Yes or No)		T							s. PSIG	Stabilized?(Yes or No)		
Completion		Hour, Date, Shut-In			Length o	Length 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 Since*	PRES	SURE	Prod Zone							
(date/time)		Upper zone	Lower zone	Temperature	Remarks						
·											
Production rate during test											
Oil:BPOD Based on:Bbls			Hrs.	(Grav. GOR						
GasMCFPD; Test thru (Orifice or Meter)											
Remarks:											
I hereby certify that the information herein contained is true and complete to the best of my knowledge.											
Approved: No	V 1 6 2007	20	Operat	tor: ConocoF	Phillips Inc.						
New Mexico Oil Co	V 1 6 2007 onservation Division		By:	Danny Rober	ts						
By: Dept	ıtv Oil & Gas Ins؛	pector,	Title:	Title: Multi-Skilled Operator							
Title:	District #3			Date: Tuesday, November 13, 2007							

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
- $2 \qquad \text{At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the} \\ D_{IVISION} \ \text{in writing of the exact time the test is to be commenced} \qquad \text{Offset operators shall also be so notified}$
- 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 a noil 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.

- 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-munute 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 dat 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 Azte. District Office of the New Mexico Ol 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