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 Conoc	coPhillips Inc.			Lease	Name S	AN JL	JAN 28-7			Well No.	95
Location of Well	: Unit Letter	M Se	ec <u>0</u> 4	4	Twp0	27N	Rge	007W	API#	30-039-0715	59
	Name of Reservoir or Pool			Type of Prod				Method of Prod		Prod Medium	
Upper Completion	PC .			Gas			Flow	Flow		Tbg./Csg.	
Lower Completion	MV			Gas			Shut I	Shut In		Tubing	
,			Pre-F	low Sh	nut-In Pre	essure	e Data				
Upper	Hour, Date, Shu	t-In		Length of Time Shut-In				SI Press. PSIG		Stabilized?(Yes or	No)
Completion	5/1/2007			81 hours			Flow			Yes	
Lower				Length of Time Shut-In				SI Press. PSIG		Stabilized?(Yes or No)	
Completion	5/1/2007			58 ho		***		Shut In .		Yes	
				00 110						100	
				Flow	v Test No	. 1			<u>-</u>		
Commenced a	t: 5/3/2007 1	10:39:00 AM			Zone	Prod	ucing (Upper	or Lower	:): Lowe	er	
Time Lapsed Time		PRESSURE			Prod Zone						
(date/time)		Since*		Upper zone		ne T	emperature	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 bac		MV back		
Production rate	during test										
Oil:	BPOD Based on: B			Bbls. InHrs				arav.		GOR	
Gas	N	ICFPD; Test th	ru (Orifice	e or Me	eter)		·			·	-
			Mid-T	Test Sh	nut-In Pre	eei ira	Nata 🐭	(
Upper Completion	Hour, Date, Shut-In			id-Test Shut-In Pressure Dat Length of Time Shut-In			SI Pres	SI Press. PSIG		Stabilized?(Yes or	No)
Lower Completion			L	Length of Time Shut-In			SI Press. PSIG			Stabilized?(Yes or	No)

(Continue on reverse side)

RCVD JUL18'07

OIL CONS. DIV. DIST. 3

Flow Test No. 2

Commenced at: Zone Producing (Upper or Lower)									
Time	Lapsed Time	PRESSURE		Prod Zone					
(date/time)	Since*	Upper zone	Lower zone	Temperature	9	Remarks			
						,			
				;		•			
						,			
i I									
Production rate during	ı test								
-					0	000			
Oil:BPOE	D Based on:	Bbis. In	Hrs.		Grav.	GOR			
Gas	MCFPD; Test the	ru (Orifice or M	eter)			·			
Remarks:									
ricitiains.									
I hereby certify that the	e information herein co	ontained is true	and complete	to the best of	f my knowledge).			
Approved:	UL 1 8 2007	20	Opera	tor: Conoco	Phillips Inc.				
	nservation Division		Ву:	Danny Robe	erts				
By: H. Vi	Vanueva		Title:	Multi-Skilled					
Title:Depu	ty Oil & Gas Insp District #3	ector,	Date:	Date: Monday, July 16, 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 piescribed 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.

- 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
- 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. The pressure measurement 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