

NEW MEXICO OIL CONSERVATION DIVISION
NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Well
No. 3E

Operator CONOCOPHILLIPS COMPANY 217817 Lease Name HAMNER

Location Of Well: Unit Letter M Sec 29 Twp 29N Range 9W API # 30-045-24800

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. Or Csg.)
Upper Completion	CHACRA	GAS	FLOWING	TUBING
Lower Completion	DAKOTA	GAS	FLOWING	TUBING

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 9:30 am 11/11/2004	Length of Time Shut-In 48 hrs	SI Press. Psig 300#	Stabilized? (Yes or No) yes
Lower Completion	Hour, Date, Shut-In 9:30 am 11/11/2004	Length of Time Shut-In 48 hrs	SI Press. Psig 260#	Stabilized? (Yes or No) yes

Flow Test No. 1

Commenced at (hour, date)* 9:30 am 11/13/2004				Zone producing (Upper or Lower): Upper	
Time (Hour, Date)	Lapsed Time Since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
9:30 am 11/15/2004	24 hrs	145#	260# Shut-in	68 degrees	LP 145
9:45 am 11/16/2004	48 hrs	145#	260# Shut-in	68 degrees	
9:30 am 11/17/2004	72 hrs	144#	260# Shut-in	67 degrees	
9:35 am 11/18/2004	96 hrs	144#	260# Shut-in	67 degrees	

roduction rate during test

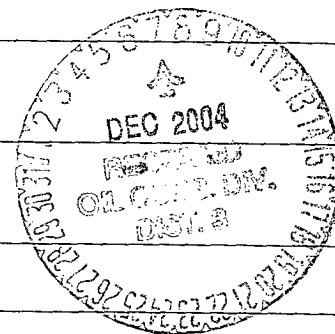
l: 0 BOPD based on 0 Bbls. In Hrs. Grav. GOR

as: 18 MCFPD Test thru (Orifice or Meter): meter

Mid-Test Shut-In Pressure Data

Upper completion	Hour, Date, Shut-In 9:40 am 11/18/2004	Length of Time Shut-In 48 hrs	SI Press. Psig 300#	Stabilized? (Yes or No) yes
Lower completion	Hour, Date, Shut-In 9:40 am 11/18/2004	Length of Time Shut-In 48 hrs	SI Press. Psig 260#	Stabilized? (Yes or No) yes

(Continue on reverse side)



NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

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Flow Test No. 2

Commenced at (hour, date)** 10:00 am 11/20/2004

Zone producing (Upper or Lower): Lower

Time (Hour, Date)	Lapsed Time Since**	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
10:00 am 11/21/2004	24 hrs	300# Shut-in	144#	67 degrees	
10:00 am 11/22/2004	48 hrs	300# Shut in	144#	67 degrees	
10:00 am 11/23/2004	72 hrs	300# Shut-in	144#	67 degrees	LP 145

Production rate during test

Oil: 0 BOPD based on 0 Bbls. In Hrs. Grav. GOR

Gas: 18 MCFPD; Test thru (Orifice or Meter):

Remarks:

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

DEC - 7 2004

Approved _____ 20

New Mexico Oil Conservation Division

Operator CONOCOPHILLIPS COMPANY

By Mike Pena

By _____

Title MSO

Title _____ SUPERVISOR DISTRICT # 2

Date 11/23/2004

Northwest New Mexico 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 usually 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 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.

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 case of a gas well or 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 the lack of pipeline connection the flow period shall be three hours.

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

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 hour 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 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