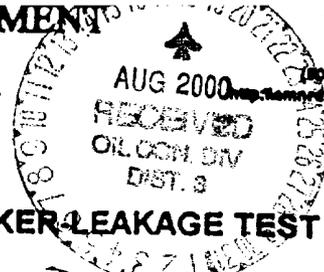




ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

This form is not to be used for reporting packer leakage tests in Southeast New Mexico



AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6179
http://www.state.nm.us/energy/District/IN3distrib.htm

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Revised 11/16/98

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Operator Conoco Inc. Lease Name SAN JUAN 28-7 Unit Well No. 8A (pm)

Location of Well: Unit Letter I Sec. 18 Twp 28N Rge 7W API # 30-0 39-22209

	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	<u>1. Pictured Cliff</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg</u>
Lower Completion	<u>MESA Verde</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg</u>

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. Psig	Stabilized? (Yes or No)
Upper Completion	<u>8/11/00 AM</u>	<u>3 Days</u>	<u>242</u>	<u>Yes</u>
Lower Completion	<u>8/11/00 AM</u>	<u>3 Days</u>	<u>125</u>	<u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower): <u>Upper</u>	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
<u>8/11/00</u>	<u>1st Day</u>	<u>242</u>	<u>125</u>		<u>Both SI</u>
<u>8/14/00</u>	<u>3 Days</u>	<u>242</u>	<u>125</u>		<u>Both SI</u>
<u>8/14/00</u>	<u>3 Days</u>	<u>SI</u>	<u>125</u>		<u>Upper Flowed/Vented.</u>

Production rate during test Vented For Crossover witnessed By Bruce Martin.

Oil: _____ BOPD based on _____ Bbls. in _____ Hours _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press psig	Stabilized? (Yes or No)
Upper Completion				
Lower Completion				

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date)**			Zone producing (Upper or Lower):		
TIME (hour, date)	LAPSED TIME Since**	PRESSURE		PROD. ZONE	REMARKS
		Upper Completion	Lower Completion		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____
 Gas: _____ MCFPD: Tested thru (Office or Meter): _____

Remarks: _____

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

Approved AUG 18 2000 19____
 Mexico Oil Conservation Division

Operator Conoco Inc. New

By ~~ORIGINAL SIGNED BY CHARLES T. PERVIN~~

By David Blair

Title OFFICE OIL & GAS INSPECTOR, DIST. #3

Title Eps

Date 8/18/00

NORTHWEST NEW MEXICO 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 the lack of a 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 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 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 11-16-98 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

PACKER LEAKAGE TEST

EPNG Co.
Form 22-79(Rev.7-74)

Well Name SAN JUAN 28-7		Tester	Oper Code
Well Location 8A		Fid./Switcher	Test Gp./Co. Test Sch.
Upper Comp. PC	Flow Cd.	Lower Comp. MV	Flow Cd.
DATE	UPPER ZONE SHUT IN 5 DAYS	INITIAL	
8-11-00	BOTH ZONES SHUT IN	X	
X	CSG	TBG	X
			A.V.
			A.V.
8-14-00	313	242	A.V.
WEDNESDAY-TURN ON LOWER ZONE AFTER CARD SIGNED			
	Upper Zone Remains Shut In		A.V.
8-14-00		125	A.V.
DATE	LOWER ZONE SHUT IN 3 DAYS	INITIAL	
		A.V.	
		A.V.	
8-14-00		125	A.V.
UPPER - LOWER ZONE FLOW			
8-14-00	Diff.	Flowing Press. 51	A.V.
	Static		
	Diff.	Flowing Press.	A.V.
	Static		
Orifice Size		Static Spring	
TEST COMPLETE WHEN INITIALED →			A.V.

If Well Fails Packer Test, Notify Well Test Dept. For Reschedule

REMARKS: **EP EFM # 93395 MV**
93396 PC

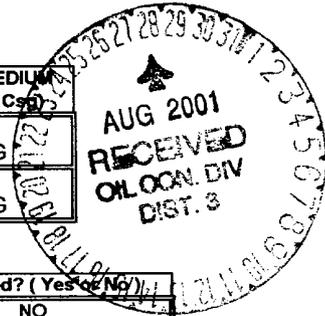
WITNESSED BY **BRUCE MARTIN**

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

NORTHWEST NEW MEXICO PACKER -LEAKAGE TEST

Operator Conoco Lease Name San Juan 28-7 Well No. 8A

Location of Well: Unit Letter I Sec. 18 Twp. 28 Range 7
 Location of well API # 30-0 30039222090000



	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	PC	Gas	Flow	TBG
Lower Completion	MV	Gas	Flow	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour shut-in	Date shut-in	Instant SI Pressure	SI press. Psig	Stabilized? (Yes or No)
	9:00 AM	8/15/2001	10 minutes	167	NO
Lower Completion	Hour shut-in	Date shut-in	Instant SI Pressure	SI press. Psig	Stabilized? (Yes or No)
	9:00 AM	8/15/2001	10 minutes	198	NO

FLOW TEST NO. 1

Commenced at (hour, date)		9:30 AM	8/16/2001	Zone producing (upper or lower)	Upper
TIME Date	LAPSED TIME SINCE*	PRESSURE		Remarks	
		Upper	Lower	MV ON COMPRESSION	
8/16/2001	Day 1	288	200	Both zones shut-in	
6/17/2001	Day 2	296	202	Both zones shut-in	
8/20/2001	Day 3	311	211	Opened PC	
8/21/2001	Day 4	152	215	OK	

Production rate during test

Oil	0	BOPD based on	X	Bbls.in		Hours		Grav.		GOR
Gas	92	MCFPD; Tested thru (Orifice or Meter):		Meter						

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour	Date	Length of time shut-in	SI press. Psig	Stabilized? (Yes or No)
Lower Completion	Hour	Date	Length of time shut-in	SI press. Psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)				Zone producing (upper or lower)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		Remarks	
		Upper	Lower		

Production rate during test

Oil		BOPD based on		Bbls.in		Hours		Grav.		GOR
Gas		MCFPD; Tested thru (Orifice or Meter):		Meter						

Remarks

MV ON COMPRESSION

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

AUG 28 2001

Approved _____ Date _____
 New Mexico Oil Conservation Division

Operator Conoco
 By Donald Blair

By ORIGINAL SIGNED BY CHARLES J. PERLIN

Title FPS

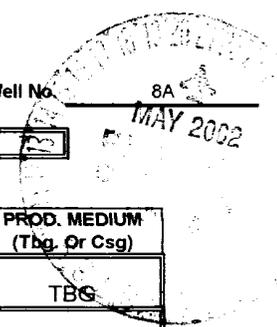
Title DEPUTY OIL & GAS INSPECTOR, DIST. 3

Date 8/26/01

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

NORTHWEST NEW MEXICO PACKER -LEAKAGE TEST

Operator _____ Conoco Lease Name _____ San Juan 28-7 Well No. _____ 8A
 Location of Well: Unit Letter Sec. Twp. Range
 Location of well API # 30-0



	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	PC	Gas	Flow	TBG
Lower Completion	MV	Gas	Flow	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

Completion	Hour shut-in	Date shut-in	Instant SI Pressure	SI press. Psig	Stabilized? (Yes or No)
Upper	9:50 AM	5/13/2002	10 minutes	151	yes
Lower	9:50 AM	5/13/2002	10 minutes	167	yes

FLOW TEST NO. 1

Commenced at (hour, date)		9:15 AM	5/14/2002	Zone producing (upper or lower)	Lower
TIME Date	LAPSED TIME SINCE*	PRESSURE		Remarks	
		Upper	Lower	MV ON COMPRESSION	
5/14/2002	Day 1	163	184	Both zones shut-in	
5/15/2002	Day 2	166	191	Both zones shut-in	
5/16/2002	Day 3	169	200	Opened MV	
5/17/2002	Day 4	173	152	OK	

Production rate during test

Oil	<input type="text" value="0"/>	BOPD based on	<input type="text" value="X"/>	Bbls.in	<input type="text"/>	Hours	<input type="text"/>	Grav.	<input type="text"/>	GOR
Gas	<input type="text" value="92"/>	MCFPD; Tested thru (Orifice or Meter):		Meter						

MID-TEST SHUT-IN PRESSURE DATA

Completion	Hour	Date	Length of time shut-in	SI press. Psig	Stabilized? (Yes or No)
Upper					
Lower					

FLOW TEST NO. 2

Commenced at (hour, date)				Zone producing (upper or lower)	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		Remarks	
		Upper	Lower		

Production rate during test

Oil	<input type="text"/>	BOPD based on	<input type="text"/>	Bbls.in	<input type="text"/>	Hours	<input type="text"/>	Grav.	<input type="text"/>	GOR
Gas	<input type="text"/>	MCFPD; Tested thru (Orifice or Meter):		<input type="text"/>						

Remarks

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

Approved _____ Date _____ Operator
 New Mexico Oil Conservation Division By
 ORIGINAL SIGNED BY _____ DATE MAY 21 2002 Title
 By _____ Date _____ Title _____
 Title