STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

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

Operator AMOCO PRODUCTION Lease DRYDEN LS Well No. 1A

Location of Well: Unit I Sec. [redacted] Twp. [redacted]N Rge. [redacted]W County SAN JUAN

	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	UNDESIGNATED CHACRA	GAS	FLOW	TUBING
Lower Completion	BLANCO MESAVERDE 959M	GAS	FLOW	TUBING

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	MAY 14 1990	72 hours	579	(Yes)
Lower Completion	MAY 14 1990	72 hours	526	(Yes)

FLOW TEST NO. 1

Commenced at (hour, date)* Zone producing (Upper or Lower): (L)

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Completion	PRESSURE Lower Completion	PROD. ZONE TEMP.	REMARKS
MAY 14 1990	Day 1	392	390	SI 10 00 a.m. both zones	Both Zones SI
MAY 15 1990	Day 2	511	516		" " "
MAY 16 1990	Day 3	517	524		" " "
MAY 17 1990	Day 4	519	526		MV
MAY 18 1990	Day 5	520	421		
MAY 19 1990	Day 6	520	404		

Production rate during test

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

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

FLOW TEST NO. 2

Commenced at (hour, date)* *

TIME (hour, date)	LAPSED TIME SINCE * *	PRESSURE		Zone producing (Upper or Lower) PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

Production rate during test

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

s: _____ MCFPD: Tested thru (Orifice or Meter): _____

marks: _____

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

Approved JUN 05 1990, 19___
New Mexico Oil Conservation Division

By _____

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator AMOCO PRODUCTION COMPANY

By _____

Title _____

Date 5/22/90

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 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 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).

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STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

Location of Well: |I282808|

OIL CONSERVATION DIVISION
NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator: AMOCO PRODUCTION COMPANY Lease/Well #:DRYDEN LS 001A
Meter #:95718 RTU:0-000-00 County:SAN JUAN

	NAME RESERVOIR OR POOL	TYPE PROD	METHOD PROD	MEDIUM PROD
UPR COMP	DRYDEN LS 001A OCH 95718	GAS	FLOW	TBG
LWR COMP	DRYDEN LS 001A BMV 95717	GAS	FLOW	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour/Date Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilzed
UPR COMP	~~11/18/91~~ 10/7/91	72 Hours	512	yes
LWR COMP	~~11/18/91~~ 10/7/91	72 Hours	484	yes

FLOW TEST DATE NO.1

Commenced at (hour,date)* Zone Producing (Upr/Lwr) ~~Lwr~~ Upr

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper	PRESSURE Lower	Prod Temp.	REMARKS
~~11/18/91~~ 10/7/91	Day 1	512	484		Both Zones SI
~~11/19/91~~ 10/8/91	Day 2	512	484		Both Zones SI
~~11/20/91~~ 10/9/91	Day 3	512	484		Both Zones SI
~~11/21/91~~ 10/10/91	Day 4	512	484		MV flowed, lower zone SI
~~11/22/91~~ 10/11/91	Day 5	512	463		" "
~~11/23/91~~ 10/12/91	Day 6	512	438		" "

Production rate during test
Oil:_____ BOPD based on _____ BBLs in _____ Hrs _____ Grav___ GOR ___
Gas:_____ MFCPD:Tested theu (Orifice or Meter):METER

MID-TEST SHUT-IN PRESSURE DATA

	Hour,Date SI	Length of Time SI	SI Press. PSIG	Stabilized (yes/no)
UPR COMP				
LWR COMP				

(Continue on reverse side)

RECEIVED
DEC 03 1991
OIL CON. DIV.
DIST. 3

FLOW TEST NO. 2

Commenced at (hour, date)**

Zone producing (Upper or Lower):

TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

Production rate during test

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

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

Remarks: _____

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

Approved DEC 30 1991 19__
New Mexico Oil Conservation Division

By Original Signed by CHARLES GHOLSON

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Amoco Production

By _____

Title _____

Date 12/26/91

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