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SEP 14 1993

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

OIL CON. DIV.
DIST. 3

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

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONOCO INC Lease BRUINGTON Well No. 15E (MD)
Location of Well: Unit F Sec. 15 Twp. 30 Rge. 11 County SAN JUAN

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. LHM)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	<u>MESA VERDE</u>	<u>GAS</u>	<u>FLOW</u>	<u>TBG.</u>
Lower Completion	<u>DAKOTA</u>	<u>GAS</u>	<u>FLOW</u>	<u>TBG.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in <u>07-24-93</u>	Length of time shut-in <u>4 DAYS</u>	SI press. psig <u>655</u>	Stabilized? (Yes or No) <u>NO</u>
Lower Completion	Hour, date shut-in <u>07-24-93</u>	Length of time shut-in <u>4 DAYS</u>	SI press. psig <u>595</u>	Stabilized? (Yes or No) <u>NO</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>07-28-93</u>				Zone producing (Upper or Lower): <u>LOWER</u>	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
<u>07-26-93</u>	<u>1-DAY</u>	<u>624</u>	<u>595</u>		<u>BOTH ZONES SHUT-IN</u>
<u>07-27-93</u>	<u>2-DAYS</u>	<u>655</u>	<u>595</u>		<u>BOTH ZONES SHUT-IN</u>
<u>07-28-93</u>	<u>3-DAYS</u>	<u>655</u>	<u>595</u>		<u>BOTH ZONES SHUT-IN</u>
<u>07-29-93</u>	<u>1-DAY</u>	<u>655</u>	<u>282</u>		<u>LOWER ZONE FLOWING</u>
<u>07-30-93</u>	<u>2 DAYS</u>	<u>655</u>	<u>190</u>		<u>LOWER ZONE FLOWING</u>

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

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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FLOW TEST NO. 2

Commenced at (hour, date) **

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

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 SEP 14 1993 19 _____
 New Mexico Oil Conservation Division

Original Signed by CHARLES GHOLSON

Deputy OIL & GAS INSPECTOR, DIST. #3

Operator CONOCO INC
 By Ken Bishop
 Title Prod. Spec.
 Date 8/12/93

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A packer leakage test shall be commenced on each multiply completed well within _____ days after actual completion of the well, and annually thereafter as prescribed by the _____ authorizing the multiple completion. Such tests shall also be commenced on all _____ completions within seven days following recompletion and/or chemical or frac-
 treatment, and whenever remedial work has been done on a well during which the
 or the tubing have been disturbed. Tests shall also be taken at any time that com-
 munication is suspected or when requested by the Division.

At least 72 hours prior to the commencement of any packer leakage test, the operator
 notify the Division in writing of the exact time the test is to be commenced. Offset
 tion shall also be so notified.

The packer leakage test shall commence when both zones of the dual completion are
 in for pressure stabilization. Both zones shall remain shut-in until the well-head
 are in each has stabilized, provided however, that they need not remain shut-in more
 seven days.

For Flow Test No. 1, one zone of the dual completion shall be produced at the normal
 of production while the other zone remains shut-in. Such test shall be continued for
 days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on
 tial packer leakage test, a gas well is being flowed to the atmosphere due to the lack
 pipeline connection the flow period shall be three hours.

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

Flow Test No. 2 shall be conducted even though no leak was indicated during Flow
 lo. 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 previous-
 ly 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 begin-
 ning 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 ques-
 tionable 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 record-
 ing 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 Astec 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).