



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
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[http://nemnrd.state.nm.us/ocd/District III/3district.htm](http://nemnrd.state.nm.us/ocd/District%20III/3district.htm)

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STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

OIL CON. DIV.
DIST. 3

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator CONOCO INC Lease STATE Well No. 3A (PM)
Location of Well: Unit F Sec. 32 Twp. 29 Rge. 08 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	PICTURED CLIFF	GAS	FLOW	TBG.
Lower Completion	MESA VERDE	GAS	FLOW	TBG.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in <u>07-26-96</u>	Length of time shut-in <u>3-DAYS</u>	St press. psig <u>140</u>	Stabilized? (Yes or No) <u>NO</u>
Lower Completion	Hour, date shut-in <u>07-26-96</u>	Length of time shut-in <u>3-DAYS</u>	St press. psig <u>220</u>	Stabilized? (Yes or No) <u>NO</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>07-29-96</u>				Zone producing (Upper or Lower): <u>LOWER</u>	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
07-27-96	1-DAY	140	200		BOTH ZONES SHUT IN
07-28-96	2-DAYS	145	210		BOTH ZONES SHUT IN
07-29-96	3-DAYS	150	220		BOTH ZONES SHUT IN
07-30-96	1-DAY	150	155		LOWER ZONE FLOWING
07-31-96	2-DAYS	150	120		LOWER ZONE FLOWING

Production rate during test

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

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

MID-TEST SHUT-IN PRESSURE DATA

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

(Continue on reverse side)

pressure in each gas 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

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).