NEW MEXICO OIL CONSERVATION COMMISSION

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Well: Unit N Sec. 14 Twp. 30 Rge. 9 County San Juan Type of Prod. Method of Prod. Prod. Medium Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.) Upper Completion Mesa Verde Gas Flow Casing								Well
Well Onit N Sec. 14 Typ. 30 Rge. County San_han	Operator		Tenneco O	il Company	Le	ase	Florance	No8
Department	Location							
Department	Well: Unit N Sec. 14 Twp.				30 Rge. 9		County San Juan	
Department					Type of Prod.	Method	of Prod.	Prod. Medium
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Title DEPUTY GR & GAS INSPECTOR, DIST. #3 Date December 31, 1984	Production Oil: Gas: I hereby convenience of the c	at (ho La s rate	ur, date) psed time ince ** during te BOPD b that the	st ased on MCFPD; Tested	Bbls. in_ i thru (Orifice Operator	Jone p Prod. Zone Temp. Hrs. or Meter): Agent	JAN 18 198 JAN 18 198 OIL CON. L. DIST. 3 Grav.	(Yes or No) er or Lower): marks GOR Core Katharine Jenkins

MORTHWEST WER WEXTON PACKER LEAKAGE TEST INSTRUCTION

- 2. 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 Commission.
- At least 72 hours prior to the commencement of any packer leakage test
 the operator shall notify the Commission 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
- 4. For Flow Test No. 1, one some 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 amosphere due to the lack of a pipeline connection the flow period shall be three hours.
- Following completion of Flow Test No. 1, the well shall again be shutin, 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 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
- 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 Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

