NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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- A packer leakage test shall be commenced on each intiply completed I within seven days after actual completion of the sell and annually reafter as prescribed by the order authorizing to sitting the completion of the sets shall also be commenced on all multiple to the completion of the completion of
- At least 72 hours prior to the commencement of any packer leakage test operator shall notify the Commission in writing on the exact time the tisk to be commenced. Offset operators shall also be so not fied.

  The packer leakage test shall commence when both 1 dess of the dual pletion are shut-in for pressure stabilization. Bull zer s shall reposition and the well-head pressure in each his stabilized, provided ever, that they need not remain shut-in more than size tays
- For Flow Test No. 1, one zone of the dual complet or shall be produced the normal rate of production while the other zone cualing shirt-in test shall be continued for seven days in the case of an sus well and 24 hours in the case of an oil well. Note if or in initial packer kage test, a gas well is being flowed to the aims is tree due to the lack a pipeline connection the flow period shall be three hours.
- Following completion of Flow Test No. 1. the well shall again be in accordance with Paragraph 3 above;
- Flow Test No. 2 shall be conducted even though no sak was indicated ing Flow Test No. 1. Procedure for Flow Test No. 1 is to be the same for Flow Test No. 1 except that the previously proceed zone shall remain shut-in while the zone which was previously shut- a is produced.
- 7. Pressures for gas-zone tests must be me sured on each zone with a deadweight pressure gauge at time intervals at follows: 3-hour tests: immediately prior to the beginning of each flow-period, at fifteen-minut 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 pressure as required above being taken on the gas zone.
- 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.

