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## NORTHWEST NEW MEXICO PACKER LEARAGE 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 Commission.
- 2. 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 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 shall.

  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 galker leakage test, a gas well is being flowed to the atmosphere due to the law of a pipeline connection the flow period shall be target hours.
- 5. Following completion of flow Test No. 1, the well shall space be shown, 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 slaw 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.

- 1. Pressures for gas some 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 therester, 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 fat 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, mail he continuously measured and recorded with recording pressure gauges, the accuracy of which aust 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 taxen on the gas zone.
- The results of the above-described tests shall be filed in triplicate which is casy after completion of the test. Tests shall be filed with the nation first office of the new Mexico Oli Conservation Commission on bortowers. Now Mexico Packer unlarge Test Form Revised 1-1-58, with all feadweight pressures indicated thereon as well as the flowing temperatures (see Zores Garyl and gravily and GCR (oil zones only). A pressure versus the outron to main zone of each test shall be constructed on the reverse slade of the facker leakage Test form with all deadweight pressure points ignore 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 court of the Jacker leakage Test Firm.

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

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- The results of the above-described tests shall be filed in triplicate which is days after completion of the test. Tests shall be filed with the Asteo District Office of the new Mexico Out Conservation Commission on Northwest New Mexico Packer Leakage Test Yorm Revised II-158, with all dendweight pressures indicated thereon as well as the flowing temperatures gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve (or main zone of each test shall be constructed on the reverse side of the Packer Leakage fest Form with all deadweight pressure points faithed 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 iron of the Packer Leakage Test Form.

