



(C) A well previously used for storage of gas or liquid under pressure may not be converted to a well used for water supply.

(2) Maintenance and Repair of Wells.

(A) Every well shall be maintained by the owner in a condition where it will conserve and protect the groundwater resources and where it will not be a source or channel of contamination or pollution to the water supply of that well or any aquifer.

(B) All materials used in maintenance, replacement or repair of any well subject to these rules shall meet the requirement of these rules for new installation.

(C) Broken, punctured or otherwise defective or unserviceable casing, screens, fixtures, seals or any part of the wellhead shall be repaired or replaced. The well shall be plugged in accordance with the requirements of these rules if that repair or replacement is not performed.

(D) Repairs to wells originally completed with the wellhead terminating below ground (buried seal) should include extending the well casing one foot (1') above the finished surface grade. The casing extension material must be of similar material to the original casing (for example, steel to steel and plastic to plastic). On steel casing the joint must be welded, coupled or threaded. On plastic casing, the joint must be glued or fused. All joints and extensions must be sealed to prevent contamination from entering the groundwater. Sealing material must not be a contaminant such as tar. When this type of repair to a well is completed, it must not move at the joint under normal operating conditions. The use of devices specially designed to join dissimilar casing materials together will be considered on a case-by-case basis by the division. Approval must be received in advance.

(3) Cross connections between wells and other systems or equipment containing water or other substances of unknown or questionable safety, including pesticides and fertilizers, are prohibited, except where equipped with a suitable protective device such as a break tank or backflow preventer which is approved by the division and which the owner agrees to install, test and maintain to assure proper operation.

(4) All other wells except those specifically exempted by the law shall be constructed and maintained in accordance with standards from the division.

*AUTHORITY: sections 256.606, 256.614, 256.615 and 256.626, RSMo Supp. 1991.\* Original rule filed April 2, 1987, effective*

*July 27, 1987. Emergency amendment filed Nov. 16, 1993, effective Dec. 11, 1993, expired April 9, 1994. Amended: Filed Aug. 17, 1993, effective March 10, 1994.*

*\*Original authority: 256.606, RSMo 1991; 256.614, RSMo 1985, amended 1991; 256.615, RSMo 1991; and 256.626, RSMo 1985, amended 1991.*

**10 CSR 23-3.025 Public Water Supply—Notification to Division**

*PURPOSE: This rule establishes requirements regarding notification by a public water supplier to the division when a well is to be abandoned in order to connect a structure to a public water supply system.*

(1) Public water supplier notification requirements concerning abandoned wells (as stated in section 256.628, RSMo).

(A) A public water supplier subject to the provisions of Chapter 640, RSMo which connects to any structure or location previously serviced by any well which is not that of another public water supplier shall notify the well owner of his/her obligation to plug any abandoned well pursuant to the requirements of section 256.628, RSMo. The public water supplier shall not connect any person to the public water system until the person submits information which identifies the location of wells and attests that—

1. Existing well will remain in use and will be properly plugged when no longer used;
2. Known abandoned wells on the property have been plugged;
3. There are no known abandoned wells on the property; or
4. Any abandoned wells will be plugged within ninety (90) days.

(B) The public water supplier shall submit a copy of information to the division within sixty (60) days of connection on forms provided by the division, along with sufficient information to enable the division to locate existing and abandoned wells. The division shall inspect, within a reasonable time, any well identified in paragraph (1)(A)4. of this rule. If the division determines that an abandoned well has not been plugged, it shall order the owner to have it plugged by a permitted well installation contractor or permitted pump installation contractor within thirty (30) days. The division shall immediately seek injunctive relief through the office of the prosecuting attorney of the county where the alleged violation occurred to enforce its order and shall notify the appropriate public water supplier who shall terminate water service to the property thirty (30) days after receipt of

notice if the well has not been plugged. Any person who fails to plug an abandoned well pursuant to the provisions of this subsection shall be subject, upon conviction, to the penalties specified in section 256.637, RSMo.

*AUTHORITY: sections 256.606 and 256.628, RSMo Supp. 1991.\* Original rule filed Aug. 17, 1993, effective March 10, 1994. Amended: Filed July 13, 1994, effective Jan. 29, 1995.*

*\*Original authority: 256.606, RSMo 1991 and 256.628, RSMo 1991.*

**10 CSR 23-3.030 Standards for Construction of Wells**

*PURPOSE: This rule describes the minimum standards for a properly constructed well but does not apply to community or noncommunity public water supply wells. It is the obligation and responsibility of the driller to construct community and noncommunity wells following procedures set forth by the Missouri Public Drinking Water rules.*

*PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. Therefore, the material which is so incorporated is on file with the agency who filed this rule, and with the Office of the Secretary of State. Any interested person may view this material at either agency's headquarters or the same will be made available at the Office of the Secretary of State at a cost not to exceed actual cost of copy reproduction. The entire text of the rule is printed here. This note refers only to the incorporated by reference material.*

(1) Casing for Permanent Wells. Steel well casing used for the outside casing must be new and shall be of at least six-inch (6") nominal size (6.625 outside diameter in inches, actual dimensions), thirteen pounds (13 lbs.) per foot, 0.188 wall thickness. Coated casings are permitted as long as they are not a source of contamination to the groundwater. Larger diameter casing shall have minimum weights and thicknesses as specified in subsection (1)(G) of this rule. Concrete casing is permitted for use. Casing for permanent wells shall be of ferrous material, or where permitted by rule, plastic or concrete material. For ferrous pipe, the specifications and installation procedures are prescribed as follows. For plastic pipe, the specifications