

Flowing Wells

A fact sheet for drillers and pump installers

SOME IMPORTANT FACTS ABOUT CONSTRUCTING FLOWING WELLS:

- **FLOW CHART** - The flow chart attached to this fact sheet can be used to help understand the flowing well construction requirements of ch. NR 812. The July, 2020 revision of ch. NR 812 modified flowing well construction requirements. Flowing wells must not allow water to flow up the outside of the well casing.
- **INITIAL WELL CONSTRUCTION** - It is the responsibility of the well driller or well constructor to anticipate a likely flowing well and prevent flow up the outside of the casing.
- **IF THE WELL CONSTRUCTION IS UNSUCCESSFUL** – If the initial construction cannot contain flow within the casing, the well driller or well constructor must notify the WDNR immediately with the location of the flowing well and do one of the following:
 - Reconstruct the well to contain the flow to the interior of the casing.
 - Reconstruct the well according to the requirements of ch. NR 812.15(2) to NR 812.15(4) to contain the flow to the interior of the casing (see “CONSTRUCTION STANDARDS SPECIFIC TO FLOWING WELLS” below).
 - Fill and seal the well according to ch. NR 812.26(6)(i).
- **CONSTRUCTION STANDARDS SPECIFIC TO FLOWING WELLS** – The following are construction standards specific to flowing wells:
 - **General construction standards:**
 - UED: An upper enlarged drillhole (UED) must be constructed.
 - Driving or advancing casing: Steel casing must be advanced only through the bottom of a UED.
 - **Grouting:** The annular space of flowing wells must be grouted with neat cement.
 - **Thermoplastic (PVC) casing:** Flowing wells constructed with PVC casing may be grouted with neat cement.
 - **Construction standards for flowing wells terminating in unconsolidated formations:** Specific construction requirements can be found in ch. NR 812.15(3)
 - **Construction standards for flowing wells terminating in bedrock:** Specific construction requirements can be found in ch. NR 812.15(4)



**IS YOUR FLOWING WELL
CONSTRUCTED COMPLIANT WITH
ch. NR 812 Wis. Adm. Code?
Please check the flowchart on
the back of this page.**



This fact sheet and flow chart do not replace or supersede specific code language for flowing wells and well filling and sealing, which are found in ch. 812.15 and 812.26 Wis. Adm. Code

This document is intended solely as guidance and does not contain any mandatory requirements except where requirements found in statute or administrative rule are referenced. Any regulatory decisions made by the Department of Natural Resources in any matter addressed by this guidance will be made by applying the governing statutes and administrative rules to the relevant facts.

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Flowing Well construction Requirements

