

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
1313 Sherman St., Ste 821, Denver, Colorado 80203
(303) 866-3581

INFORMATION FOR WELL PERMITS APPROVED PURSUANT TO CRS 37-90-107(7)
(DENVER BASIN AQUIFER WELLS LOCATED IN DESIGNATED GROUND WATER BASINS)

Carefully read the conditions of approval on your well permit. Those conditions and the information on this information sheet must be complied with in order for the permit to remain valid.

THE WELL CONSTRUCTION WORK MUST BE COMPLETED PRIOR TO THE EXPIRATION DATE OF THE PERMIT. THE PERMIT EXPIRATION DATE IS ONE YEAR FROM THE DATE ISSUED. Evidence of well construction must be submitted to this office in the form of a well construction report from the contractor showing that construction was completed prior to the expiration date of the well permit.

The well permit number is located in the upper right hand corner of the permit, and the expiration date is located in the lower right hand corner.

The expiration date of the permit may be **extended once for a maximum time of one year** at the discretion of the Commission for good cause shown. If an extension of time is necessary to construct the well, a written request must be received by this office **prior to the expiration date** along with a \$60 filing fee and must state why the well has not been completed, must include an estimate of time required to complete the well, and must specify the length of extension you desire, not to exceed one year.

Upon installation of the pump evidence of pump installation must also be submitted to this office in the form of a pump installation report from the contractor who installed the pump.

A NOTICE OF COMMENCEMENT OF BENEFICIAL USE (FORM NO. GWS-19) MUST BE FILED WITH THE DIVISION OF WATER RESOURCES BY THE WELL OWNER WITHIN 30-DAYS AFTER FIRST COMMENCEMENT OF USE. Please retain the enclosed copy of this form and file it with this office when the well is first put to use.

The well must be constructed and the pump installed by contractors with current license(s) issued by the State of Colorado unless exempted as described on the reverse side. The well construction and pump installation reports must be submitted to the office of the State Engineer within sixty (60) days of completion of the work or within seven days after expiration of the permit, whichever is earlier. Your contractor(s) must provide you with a copy of the work report(s) they have filed with the State Engineer. The Well Construction and Test Report (Form No. GWS-31) and the Pump Installation and Test Report (Form No. GWS-32) are available from the Division of Water Resources offices, or from our website at www.water.state.co.us. Additional information regarding well construction, geophysical logging requirements, pump installation, metering requirements, and well plugging are found on the reverse side of this sheet.

Keep a copy of this permit for your records. The official digital image of the permit is on file in the Denver office Records Section. You may view or print the entire permit file using our online well permit search tool: <http://www.dwr.state.co.us/WellPermitSearch/> Hard copies of permit documents may be obtained from our Records Section for a fee of 50 cents per page. Statutes require that any change of mailing address or ownership be reported to the State Engineer. Form number GWS-11 is used both by new owners to report ownership changes and current owners to report address changes.

If you have any questions, call the Ground Water Commission Staff or Ground Water Information Desk in the Denver Office at (303) 866-3587.

The well must be constructed in compliance with the Water Well Construction Rules (2 CCR 402-2) unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors. The Water Well Construction Rules are available from our offices or our website at www.water.state.co.us. The rules cover the minimum well construction and pump installation standards, disinfection requirements, well plugging standards and contractor licensing regulations.

Any well to be plugged must be plugged in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report, Form Number GWS-9, must be submitted to confirm the plugging and sealing of the well. This form is available from our offices, or from our website at www.water.state.co.us.

Well construction and pump installation by the well owner. You may construct the well and/or install the pump yourself if the well is entirely for your own use, is on property you own, and is constructed and/or pump equipment is installed with equipment owned and operated by you. **It will be your responsibility** to complete and submit the Well Construction and Test Report, Form Number GWS-31 and/or the Pump Installation and Test Report, Form Number GWS-32. These forms are available from our offices, or from our website at www.water.state.co.us. If you are constructing your own well or installing your own pumping equipment, it is recommended that you obtain a copy of the Water Well Construction Rules for reference.

The permit may require installation of a totalizing flow meter to measure all withdrawals from the well. As a minimum, the meter shall be installed according to manufacturer's recommendations and shall contain sufficient recording digits to assure that "roll over" to zero does not occur within three years, and shall be read annually. The meter shall be maintained by the permittee so as to provide continuous, accurate records of withdrawal. If the meter is not operational, the well shall not be pumped. The Commission may approve a substitute totalizing measuring device if it is capable of recording or can be used to calculate the total volume pumped. The permittee shall report the amount of withdrawal from the permitted well as reasonably required by the Commission.

Geophysical logs are required for all new wells permitted pursuant to Section 37-90-107(7), C.R.S. unless there is an existing geophysical log from that aquifer located within 1,320 feet of the proposed well which is acceptable to the State Engineer and is representative of the aquifer conditions at the location of the permitted well. The permittee will be responsible for obtaining and submitting a copy of the existing geophysical log unless it is currently on file in the State Engineer's Office.

If the new well is geophysically logged, the permittee is responsible for obtaining and submitting those required geophysical logs to the State Engineer's Office as follows: 1) The minimum requirements will be for both resistivity and spontaneous potential (SP) logs, which must be obtained prior to the installation of the well casing. 2) The resistivity log must record values at approximately one-and three-foot depths of investigation. 3) The vertical scale shall be either one inch equals twenty feet, or one inch equals fifty feet. 4) If additional types of logs, including gamma, neutron, porosity, sonic, single point resistance, and caliper, are obtained, copies of these logs shall also be submitted to the State Engineer's Office. 5) The entire set of logs must be submitted to the State Engineer's Office within sixty (60) days following collection of the data or within seven days after the expiration date of the well permit, whichever is earlier. The log shall be identified by the well permit number. 6) If a permittee, or an applicant drilling a test hole, desires to use other geophysical logs to meet the minimum requirements, they must apply in writing to and obtain approval from the State Engineer's Office prior to well construction. 7) In the event that the data provided contains trade secrets, privileged information, or confidential commercial, financial, geological or geophysical data, the State Engineer shall deny the right of inspection of such data to any person and keep the data confidential pursuant to C.R.S. 24-72-204(3)(a)(IV), provided the applicant notifies the State Engineer in writing requesting such protection.

The State Engineer may require the applicant to submit the geophysical well logs prior to the casing of the production well in order to determine the appropriate producing intervals. In such a case, the State Engineer shall inform the applicant of the appropriate producing interval within two working days of receipt by the State Engineer of the geophysical logs.