

AGRICULTURAL WELL PERMIT INFORMATION

PERMIT EXPIRATION

The application for a permit will expire one (1) year after the date of issuance if the work has not been started and reasonable progress is not made toward completion.

Well owners will be billed at the current hourly rate for any time incurred after the permit expiration date. Inspection time includes travel time to and from your well for inspections of surface slab and surface construction features.

CONTRACTOR RESPONSIBILITIES

It is the responsibility of the Well Contractor to construct, deepen, or reconstruct an agricultural well in accordance with Kern County Ordinance Code, Section 14.08, and the State Department of Water Resources' Bulletin 74-81 and Bulletin 74-90, except as modified by subsequent revisions. Representatives of the Environmental Health Services Department conduct routine inspections during the construction phase to ensure that your well is constructed according to the regulations.

WELL OWNER RESPONSIBILITIES

Once the well has been constructed, deepened, or reconstructed by the contractor, you may obtain electrical permits from the Kern County Building Inspection Division which will allow you to energize a pump once it is installed.

Although you may wish to contract with a water well contractor or pump company to do the following work, it is the responsibility of the owner of the well to supply the following items once the well has been completed.

- Surface slab
- Watertight sanitary seal
- Approved backflow protection device (chemigation, air gap)
- Down-turned, screened casing air vent
- Disinfection access/sounding tube
- Unthreaded sample tap
- Collect water samples from the well for Water Quality Analyses:
 - Irrigation Water Analysis
 - Arsenic
 - Fluoride
 - EDB
 - DBCP
 - Gross Alpha

MORE ABOUT WATER TESTING

This test is to be performed by a state-certified laboratory at the well owner's expense.

The following laboratories can provide sample containers and instructions on how to collect water samples. Most laboratories will also collect water samples for you upon request.

BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
(661) 327-4911

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite 110
Fresno, CA 93728
(559) 233-6129 or (800) 228-9896

Kern County Public Health Laboratory – *Does not collect water samples.
Performs bacterial analyses only.*
1800 Mt. Vernon Avenue
Bakersfield, CA 93306-3302
(661) 868-0505

Zalco Laboratories, Inc.
4309 Armour Avenue
Bakersfield, CA 93308
(661) 395-0539

FINAL CONSTRUCTION INSPECTIONS

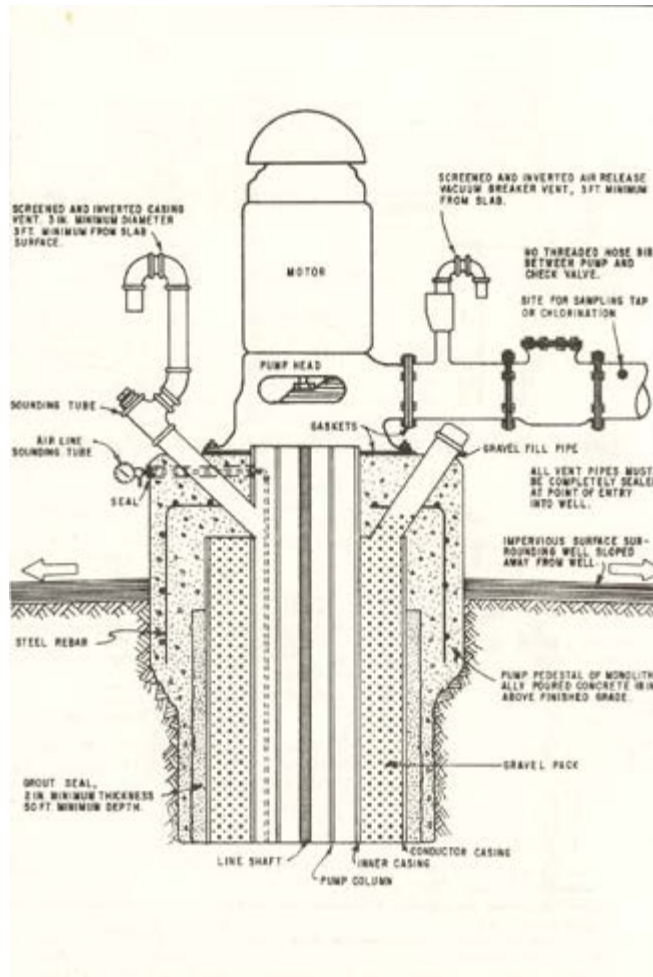
A representative of the Environmental Health Services Department will make a final construction inspection to ensure the following surface construction features are present and properly installed.

Inspections are made by appointment only. Telephone (661) 862-8700 when you have verified that all the items listed below are present.

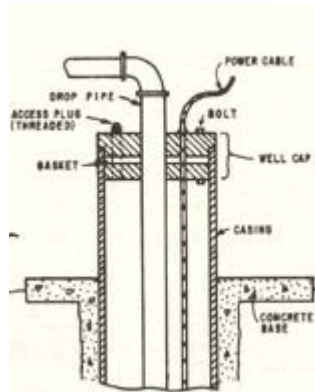
- ___ Watertight reinforced concrete surface slab - a minimum thickness of 6 inches, set a minimum of 4 inches above ground level, and extending horizontally at least 3 feet in all directions from the edge of the well casing. Must adequately drain water away from the casing.
- ___ Unthreaded sample spigot.
- ___ Down-turned, screened casing air vent.
- ___ A backflow protection device
- ___ Disinfection access/sounding tube - allows access to well for chlorination or for determining depth to water without removing pump or well plate.
- ___ Watertight sanitary seal for all cracks, holes, or openings into the well.

FINAL APPROVAL

Final approval of your well cannot be issued until all water quality tests have been received and the surface construction features approved.



DEEP WELL TURBINE INSTALLATION



SUBMERSIBLE PUMP INSTALLATION