

GUIDELINES FOR FILING RETAINING PIT PERMIT FORM 15

The following information should be submitted for each application. The data supplied will be used for the purpose of granting, or denying, the Permit.

1. Maps and Plats
 - A. USGS Topographic Map, 1:24,000,
 - 1) Pit, all test, and fresh water wells posted on map, within one (1) mile of pit.
 - B. Location plat showing the location of the pit and the associated production facility, production facility, including but not limited to, wellheads, storage tanks, buildings, metering facilities, other pits, berms, structures and treatment facilities.

2. Proximity to Ground Water
 - A. Name of Formations Present Which May Supply Water
 - 1) Brule, Chadron, Ogallala
 - B. Depth to Water
 - C. Drillers' Logs and Sample Descriptions
 - D. Cross-Sectional Sketch of Known Aquifers
 - 1) Identify soils underlying pit to include any known impermeable barriers.
 - 2) Available soil profiles.
 - E. Any Known Fracture or Fault Systems

3. **Water Quality Data (Mandatory)**
 - A. Water Analysis in Area, Fresh
 - 1) Potable, stock, industrial, irrigation, stock ponds
 - B. Produced Water Analysis

4. Uses of Ground Water in Area
 - A. List of all water wells in area; i.e. domestic, livestock, industrial, irrigation.
 - 1) Location, owner, depth
 - B. Quantities of Water Produced

5. Beneficial Use of Produced Water
 - A. Is NPDES Permit Pending or In-Hand?
 - B. Is produced water used by wild or domestic animals?
 - C. Economic evaluation of continued surface pitting versus hauling or injection.
 - D. Location of nearest, active Class II well.