



Illinois Department of Transportation

Memorandum

To: Studies and Plans Squads PPM 60-07
From: J. N. Fiser Revised by: Tim Brandenburg
Subject: Sealing of Abandoned Water Wells
Date: January 10, 1991 Revision Date: April 22, 2004

PLAN PREPARATION MEMORANDUM 60-07

BACKGROUND

This memorandum revises Plan Preparation Memorandum 91-234.P, Filling Existing Wells and supplements Chapter 58-7 of the BDE Manual and the Illinois Water Well Construction Code in providing compliance with applicable well sealing and notification requirements.

PROCEDURE

Only the minimal data marked with an asterisk in the "Report on Existing Well to be Abandoned" has to be entered, although additional information should be included, if known.

The required information should be gathered during survey if the well is on existing or potential right of way. For jobs done without survey or when previously unknown wells are found, the squad member should normally measure and inspect the few required items and talk to the owner, if possible. Where special equipment such as core drills (to allow access to capped wells on right of way) are required, contact Materials for assistance.

Gathered information should be included in the plans and contract special provisions to aid in determination of cost and completion during construction.

REPORT ON EXISTING WELL TO BE ABANDONED

Route: _____ Farm (well) Name: _____

*Section: _____ *Ground Elev. _____

Station & Offset: _____ *Location: _____ ¼ of _____ ¼

County: _____ of Section _____ Township _____ Range _____

*Job No. P- _____

Drilling Permit No. _____ Kind of Tools _____

Drilling Permit Date _____ Date Drilled _____

Permit Issues to: _____

Present Property Owner _____ Address _____

Drilling Contractor _____ Address _____

AQUIFER

*Depth of Well _____ *Diameter _____

*Depth to Top of Water _____

Depth and Thickness of Aquifer (there may be more than one) _____

Type of Aquifer (check) _____ Coarse Gravel _____ Sand _____

_____ Sandstone _____ Creviced Sandstone _____ Limestone _____

_____ Other (Specify) _____, _____, Indeterminate.

EQUIPMENT

*Liner (check) _____ Brick _____ Masonry _____ Pipe _____

*Diameter of Liner _____

Screen, depth of top & bottom _____

Gravel packing or envelope (depth to top) _____

Type of Pump _____

Depth to cylinder _____

*Items marked with asterisk are needed to provide specifications for filling existing water wells. The other items are needed by the "Water Well Planning Affidavit, Form OG-8, Department of Mines and Minerals." Fill in as much as are known or can be determined in conversation with the owner, former owner or water well contractor.