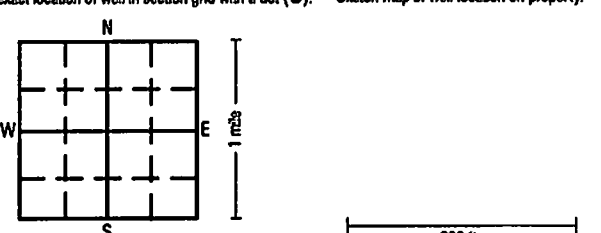


**Site identification**  
 Property Owner Louisa City Well Number CW-2  
 Address 410 E Washington St Louisa City  
 Tenant Louisa City Water Division  
 Well Depth 30.4 ft Date completed 12/1/99

**Drill method**  rotary  auger  cable other Clam  
**Hole size**  
 Size (ID/DD) 156 inch from 0 ft to 30 ft  
 hole size continued  
 \_\_\_ inch from \_\_\_ ft to \_\_\_ ft  
 \_\_\_ inch from \_\_\_ ft to \_\_\_ ft

**Location** County Johnson  
 \_\_\_ mi. N and \_\_\_ mi. E of intersection of \_\_\_ and \_\_\_  
 S W  
 1/4 of the \_\_\_ 1/4 of the SU 1/4 of Sec. 33 TWP. 80N R. 6W  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.  
  
 upland  hillside  valley Elevation (if known) \_\_\_\_\_

**Casing** Drive shoe (yes/no) \_\_\_ Piless adapter (yes/no) \_\_\_  
 Size (ID/DD) Type / WT Depth top Depth bottom Amount (length)  
13/16 concrete 661.1 630.7 30.4

**Perforated or slotted casing?** (yes/no) no  
 Perforated / slotted from \_\_\_ ft to \_\_\_ ft  
 Perforated / slotted from \_\_\_ ft to \_\_\_ ft

**Casing grouted?** (yes/no) no Placement method Sprayed on  
 Type Depth Top Depth bottom Amount (vol/yr)  
Benonite placed on before sinking  
of casing

**Formation log**

| From | To   | Color                      | Hardness | Formation description |
|------|------|----------------------------|----------|-----------------------|
| 0    | 10'  |                            |          | Brown Sandy Clay      |
| 10'  | 30.4 | Yellow Brown Sand & Gravel |          |                       |
| 30.4 | 31'  |                            |          | Weathered Limestone   |

**Well screen?** (yes/no) no  
 Diameter Slot size Depth Top Depth Bottom Length Material  
8" 0.080 2 laterals SS  
0.--- 198.5' + 237.5'  
 Bottom capped (yes/no) no with S.S  
 Seals / Packers (yes/no) kind \_\_\_ depth \_\_\_ ft  
 Gravel packed (yes/no) no from \_\_\_ ft to \_\_\_ ft  
 type \_\_\_ amount \_\_\_

**Well developed?** (yes/no) no  
 Explain Surging by pumping  
 (pumped, airlifted, bailed) for \_\_\_ hrs at \_\_\_ GPM.

**Pump installed?** (yes/no) no Date \_\_\_/\_\_\_/\_\_\_  
 Installer's name \_\_\_\_\_  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

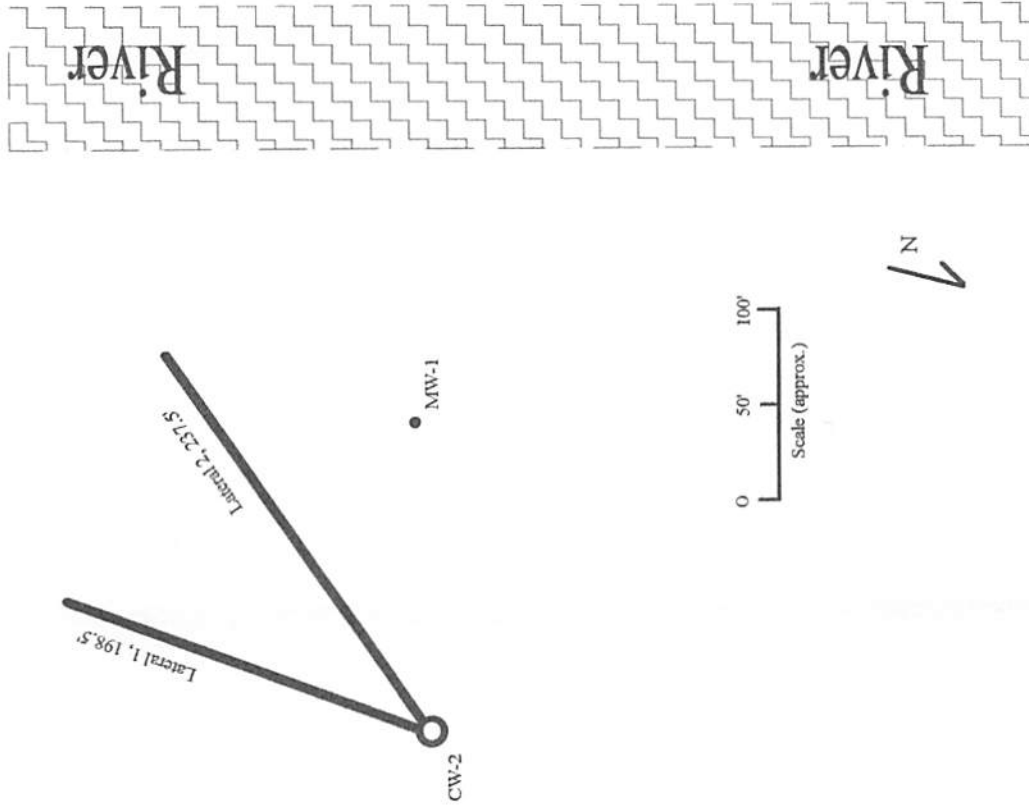
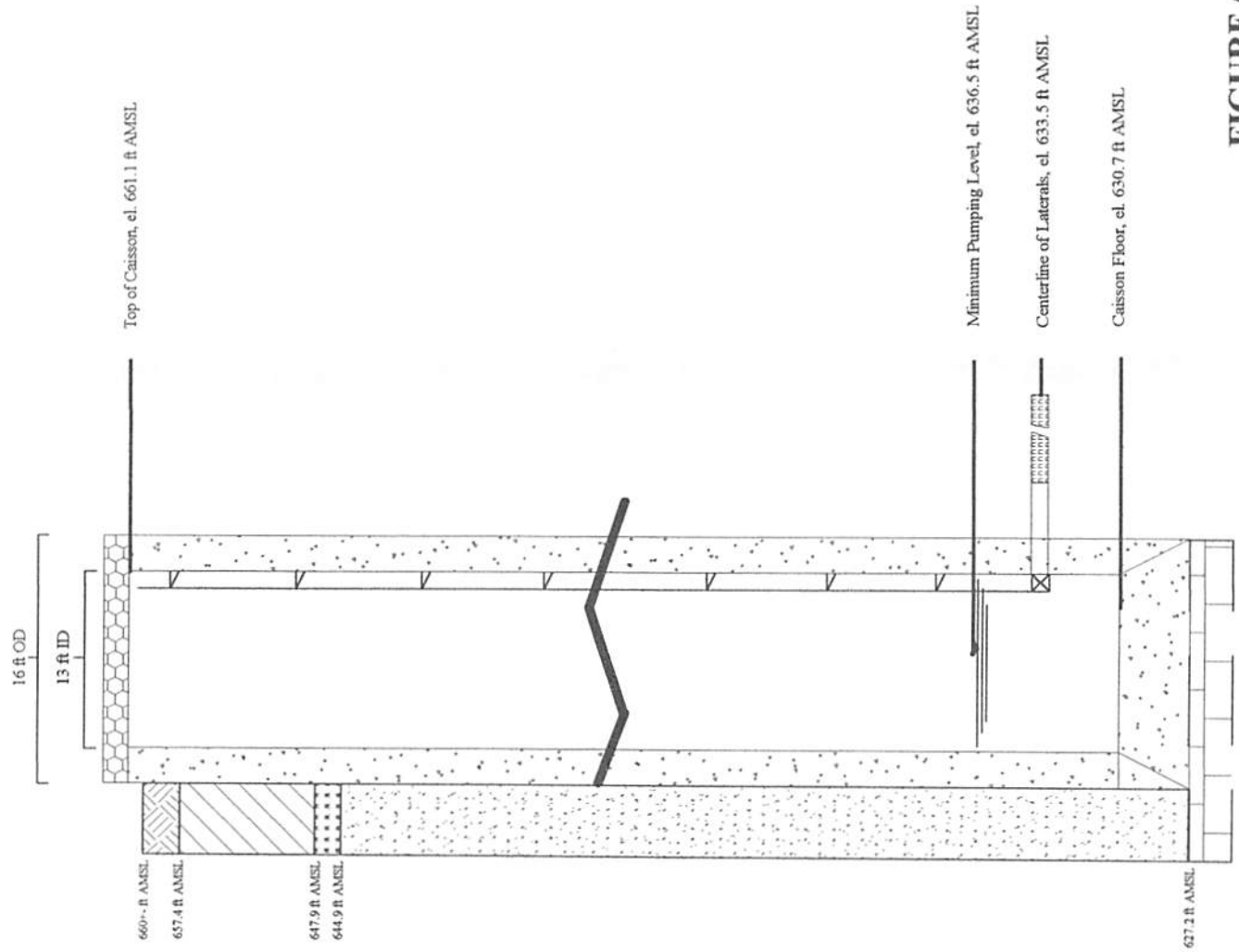
**Water information** Aquifer:  sand / gravel  limestone  sandstone  
 Main water-supply zone from \_\_\_ ft to \_\_\_ ft  seepage well  
 Static water level 11.1 ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level 2.0 ft below GL;  tape  airline  E-line  estimate  
 At yield of 980 GPM;  office  volumetric  estimate  
 Measurements taken at 7:00 (AM/PM) Date 7/22/99

**Remarks** (including depth of lost drilling fluids, materials, or tools)

**Water quality test?** (yes/no) no Date tested 7/22/99  
 Tested by Hygienic Laboratories

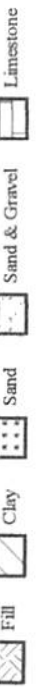
**Well use**  
 Domestic  Municipal  Commercial  
 Livestock  Public supply  Monitoring  
 Test well  Irrigation  Other \_\_\_\_\_  
 (explain)

Contractor Reynolds  
 Address 4520 W. SR. 37 Orleans IA  
 Driller MIK Burton Certification no. 40560



**FIGURE 5 - COLLECTOR CW-2 PLAN AND SECTION VIEWS**

City of Iowa City, Iowa



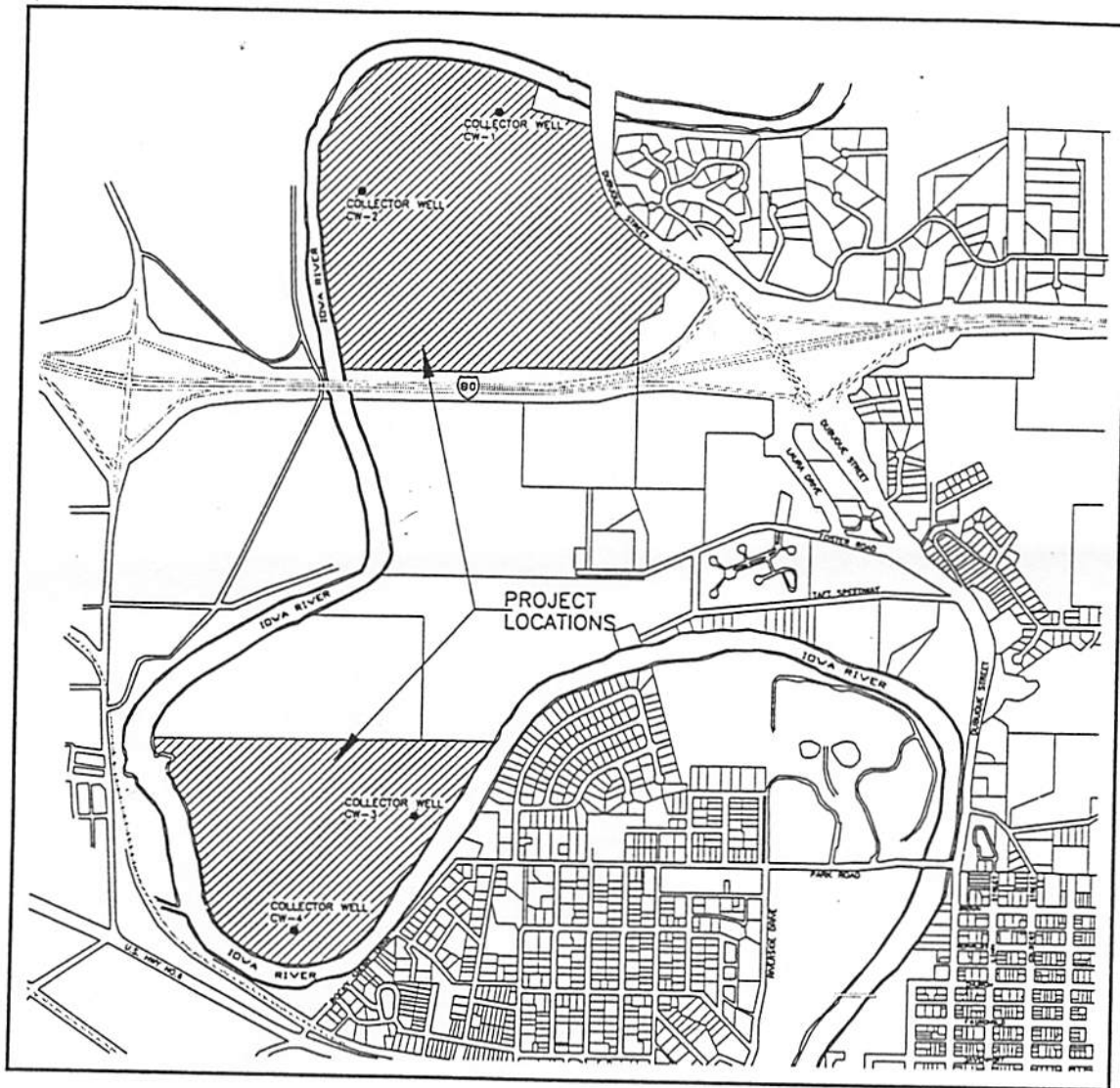


FIGURE 1  
VICINITY MAP

COLLECTOR WELLS - LOWER TERMINUS

IOWA CITY WATER DIVISION  
 IOWA CITY, IOWA 1998