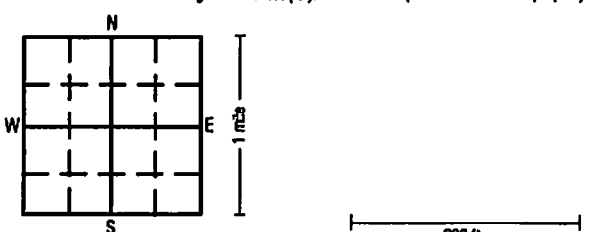


**Site Identification**  
 Property Owner Louis City Well Number CU-3  
 Address 410 E. Washington St, Louis City  
 Tenant Louis City Water Division  
 Well Depth 47.5 ft Date completed 2/1/99

**Drill method**  rotary  auger  cable other Caisson  
**Hole size**  
156 inch from 0 ft to 47.5 ft hole size continued  
 \_\_\_ inch from \_\_\_ ft to \_\_\_ ft  
 \_\_\_ inch from \_\_\_ ft to \_\_\_ ft

**Location** County Johnson  
 \_\_\_ mi. <sup>N</sup> and \_\_\_ mi. <sup>E</sup> of intersection of \_\_\_ and \_\_\_  
 \_\_\_ 1/4 of the \_\_\_ 1/4 of the NE 1/4 of Sec 9 TWP 7N R 6E W  
 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) Pitless adapter (yes/no)  

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
<u>13/16</u>	<u>concrete</u>	<u>653.8</u>	<u>604.3</u>	<u>49.5</u>

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

**Casing grouted?** (yes/no) Placement method Sprayed on  

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Benonite</u>	<u>653.8</u>	<u>604.3</u>	<u>49.5</u>

  
Placed on before setting of Caisson

**Formation log**

From	To	Color	Hardness	Formation description
<u>0</u>	<u>10'</u>	<u>Brown</u>		<u>Sandy Clay</u>
<u>10'</u>	<u>49.5</u>	<u>Yellow Brown</u>		<u>Sand &amp; Gravel</u>
<u>49.5</u>	<u>50'</u>			<u>Weathered limestone</u>

use additional sheets as needed

**Well screen?** (yes  no)  

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
<u>8"</u>	<u>0.080</u>	<u>3</u>	<u>laterals</u>	<u>246</u>	<u>SS</u>
	<u>0.---</u>	<u>217.5</u>	<u>246</u>	<u>246</u>	

  
 Bottom capped (yes  no) with SS  
 Seals / Packers (yes/no) kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes  no) from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes  no)  
 Explain Surging by pump in  
 (pumped, airfitted, bailed) for \_\_\_\_\_ hrs at \_\_\_\_\_ GPM.

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

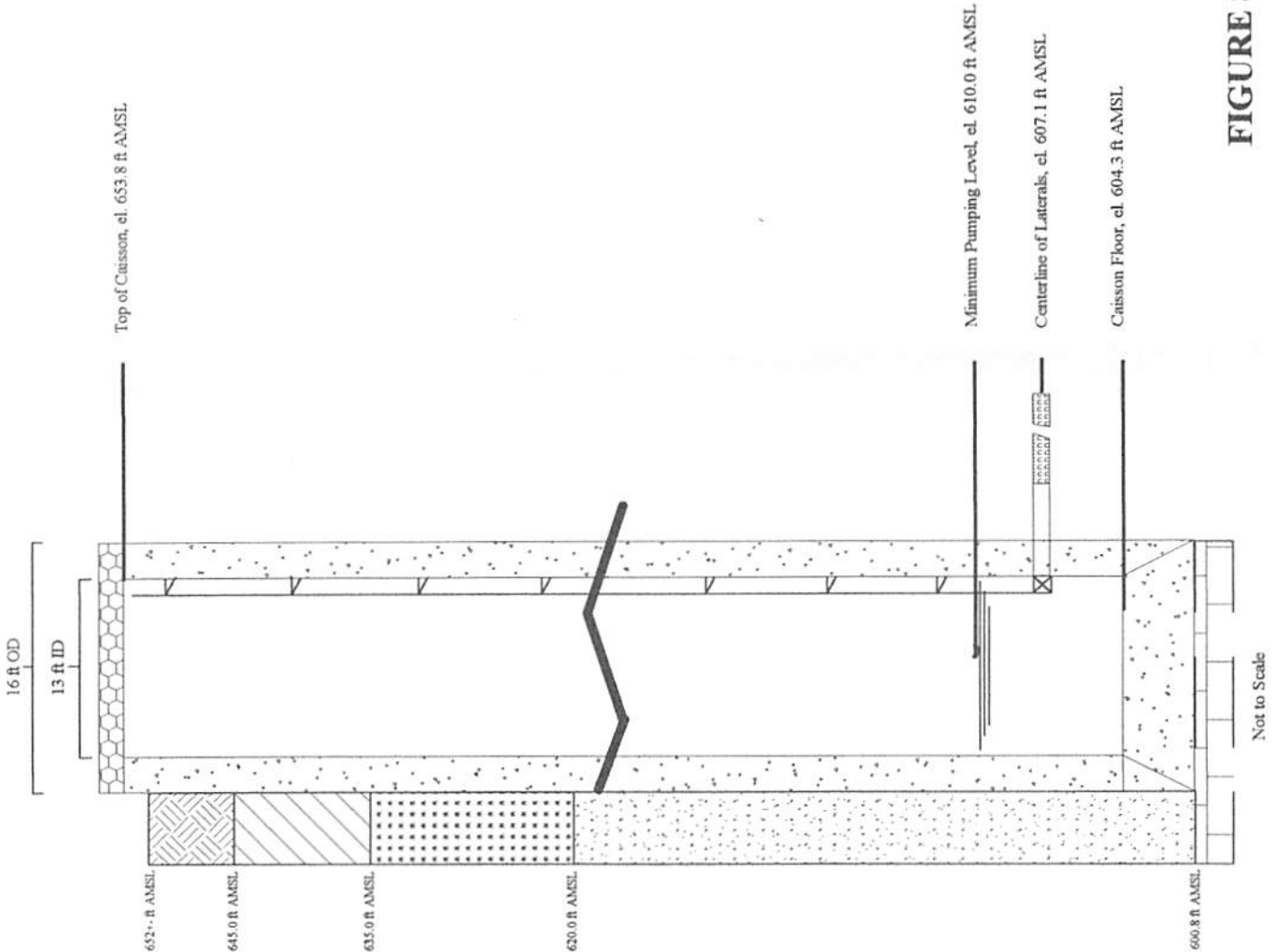
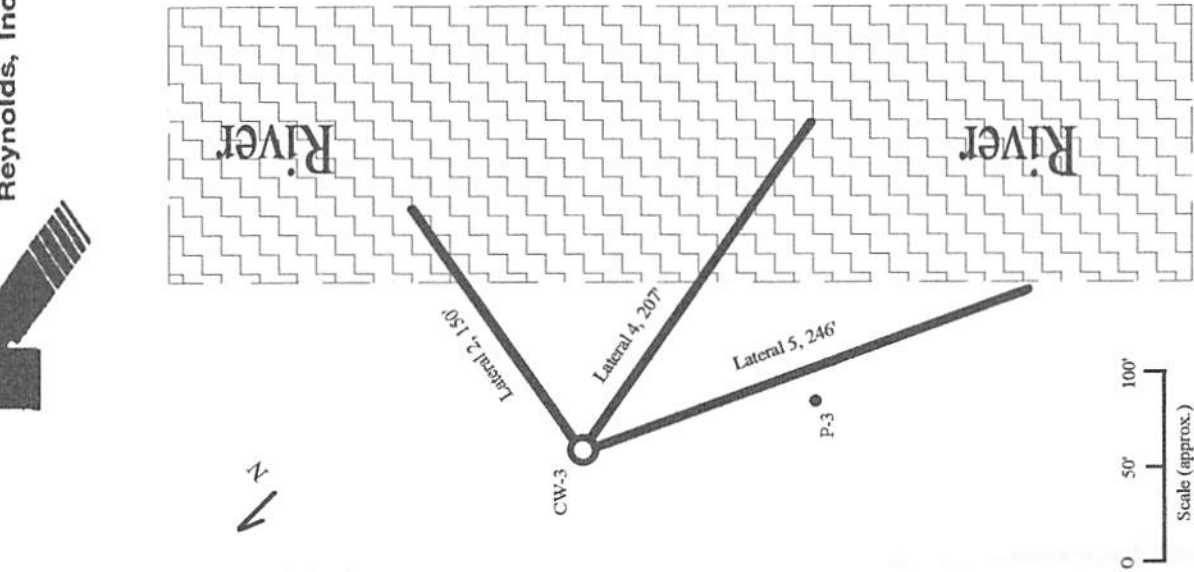
**Water information** Aquifer:  sand / gravel  limestone  sandstone  
 Main water-supply zone from 643.5 ft to 604 ft  seepage well  
 Static water level 10 ft (below / above) GL:  tape  airborne  E-line  estimate  
 Pumping water level 25 ft below GL:  tape  airborne  E-line  estimate  
 At yield of 2650 GPM;  orifice  volumetric  estimate  
 Measurements taken at 7:00 (AM / PM) Date 7/7/99

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

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

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

Contractor Reynolds Inc.  
 Address 4520 N. Sp. 37 Orleans, IA  
 Driller Mike Burton Certification no. 40560



**FIGURE 8 - COLLECTOR CW-3 PLAN AND SECTION VIEWS**

City of Iowa City, Iowa

