

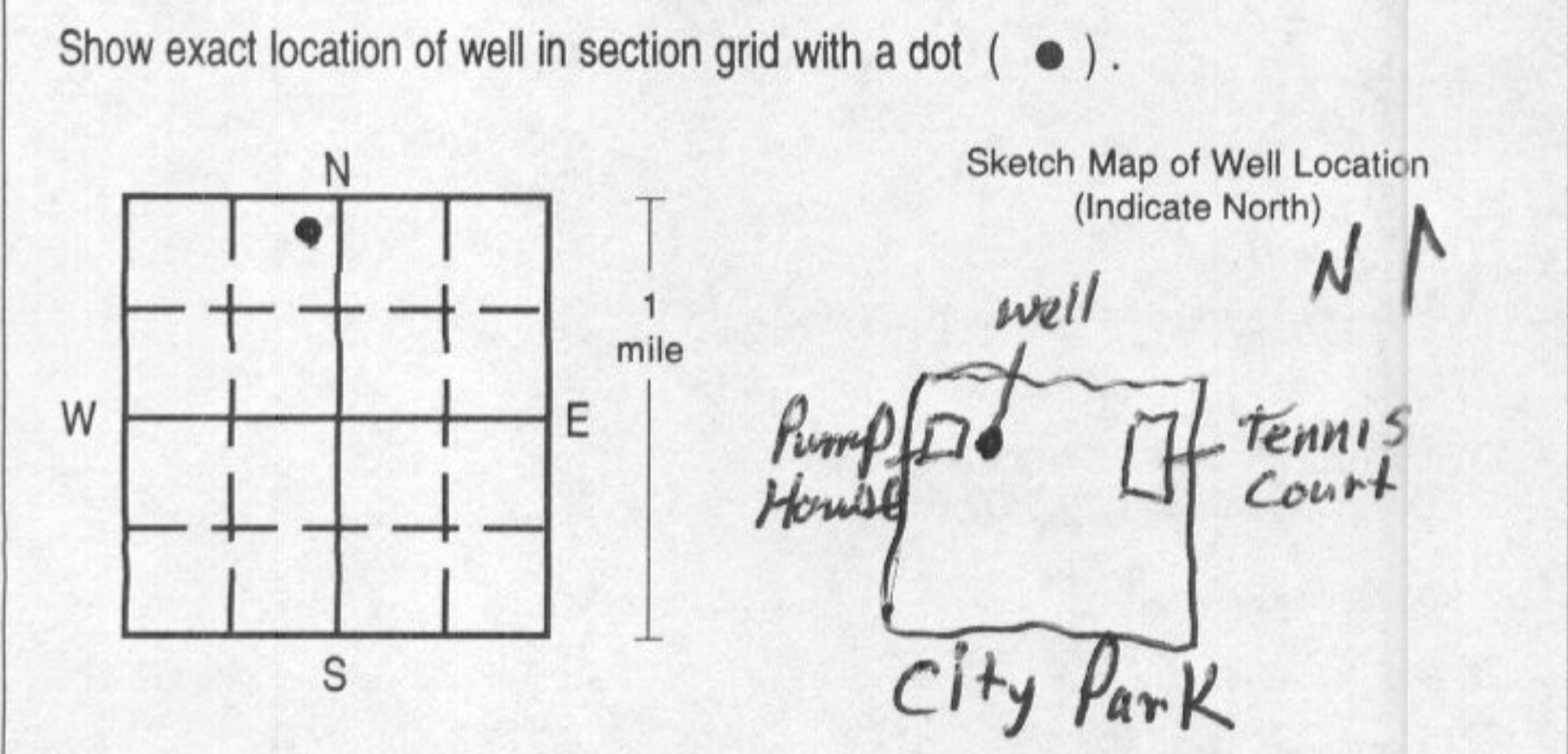
**Site Identification**  
 Property Owner City of Havelock Well Number 3-96  
 Address Havelock Iowa 50546  
 Tenant \_\_\_\_\_  
 Well Depth 164 ft. Date Completed 10 / 19 / 96

**Well Use**  
 Domestic  Municipal  Industrial  
 Livestock  Public Supply  Monitoring  
 Test Well  Irrigation  Other \_\_\_\_\_

**Location** County Pocahontas  
 Well is 0 mi. <sup>N</sup> and 1 1/2 mi. <sup>E</sup> of intersection of Hwy 4 and C 26  
NE 1/4 of the NE 1/4 of the NW 1/4 of Sec 35 TWP \_\_\_\_\_ RNG \_\_\_\_\_ <sup>E</sup>/<sub>W</sub>

**Measuring Point (MP)** All depth measurements are made from:  
 Ground Level  KB/other \_\_\_\_\_ ft. (above/below) ground level

**Hole Size**  
16 inch from 0 ft. to 20 ft. continued \_\_\_\_\_ inch from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
14 3/4 inch from 20 ft. to 175 ft. \_\_\_\_\_ inch from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.



**Casing** (ID) (OD)? Drive shoe? (yes/no) Pitless adaptor? (yes/no)

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
10	Steel	11	5	6
8	PVC 200psi	5	144	139

**Perforated or Slotted Casing?** (yes/no)  
 Perforated / Slotted from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Perforated / Slotted from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**Formation Log**

From	To	Color	Hardness	Description
0	2	Blk	Soft	Dirt
2	12	yel	Soft	Clay
12	93	Blue	" "	Clay
93	105	yel	" "	Clay
105	125	yel		Sand Fine Silt
125	143	Clear		Sand Fine Clean
143	164	clear		Sand-Uniform-Clean

use second sheet if needed

**Casing Grouted?** (yes/no)  
 Neat Cement  Bentonite  other \_\_\_\_\_  
 from 120 ft. to 8 ft.  
 from 8 ft. to 5 ft.

**Well Screen?** (yes/no)

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.
8 ID	.018	144	164	20	cook S. Steel

Gravel packed? (yes/no) from 120 ft. to 164 ft.  
 Bottom capped? (yes/no) with S.S. Plug  
 Seals / Packers? (yes/no) kind \_\_\_\_\_ depth \_\_\_\_\_ ft.

**Water Information**  
 Main water supply zone from 144 ft. to 164 ft.  
 Supply zone rock type (sand/gravel, limestone, sandstone) \_\_\_\_\_  
 Final water head (static water level) 45 ft. (below / above) the MP  
 Pumping water level 70 ft. below MP at yield of 100 GPM  
 Water quality tested? (yes/no) Date tested 10 / 10 / 96  
 Tested by City - Sanitarian  
 Parameters tested for: \_\_\_\_\_  
 Test results \_\_\_\_\_

**Pump** Pump installed? (yes/no) Date 10 / 9 / 96  
 Type of pump Subm. Manufacturer's name Grundfos  
 Depth to intake 100 ft. Tail pipe? (yes/no) length \_\_\_\_\_ ft.  
 Pump diameter 6 inches Rated capacity 100 GPM

**Remarks** (Topographic position, elevation, development, disinfection, water quality, etc.)

Contractor's name Rick Eibert Bras Well Registration no. 40131  
 Address Whittemore Ia 50598  
 Driller's name Rick Eibert Drill method (rotary / cable) \_\_\_\_\_