

received 11-19-96

**Site identification**  
 Property Owner City of Iowa City Well Number SW-3  
 Address 410 E. Washington st.  
 Tenant \_\_\_\_\_  
 Well Depth 369 ft Date Completed 9/22/96

**Location** County Johnson  
 \_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 SE 1/4 of the SE 1/4 of the NW 1/4 of Sec 5 TWP 79N RNG 6 E 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) \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	2			Topsoil
2	5			Clay, Sand
5	15	TAN		FINE Sand
15	20	Gray		Shale, Limestone
20	172	Gray		Limestone, chert, Dol
172	270	Gray		Limestone, chert
270	297	Tan		Sandy Limestone
297	315	Gray		Limestone, chert, Dol
315	335	TAN		Limestone, chert
335	365	Gray		Limestone, chert
365	369	Gray		Shale

use additional sheets as needed

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

**Well use**  
 Domestic  Municipal  Industrial  
 Livestock  Public Supply  Monitoring  
 Test Well  Irrigation  Other \_\_\_\_\_ (explain)

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
 24 inch from 0 ft to 20 ft hole size continued 11 1/2 inch from 172 ft to 369 ft  
 18 inch from 20 ft to 172 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

**Casing** Drive shoe (yes/no)  Pitless adaptor (yes/no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
20"	.375	0	20'	20'
12"	.375	+3'	172'	175'

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

**Casing grouted?** (yes/no)

Type	Depth Top	Depth Bottom	Amount
Neat Cement	0	172'	7 yds.

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

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

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

**Well developed?** (yes/no)   
 Explain airlifting

**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 173 ft to 369 ft  
 Final water level (static water level) 77 ft (below/above) GL.  
 Pumping water level 152 ft below GL;  tape  airline  E-line  
 At yield of 269 GPM;  orifice  volumetric  estimate Date \_\_\_\_\_

**Water quality test?** (yes/no)  Date tested 9/24/96  
 Tested by Hygenic Lab  
 Test results Pending

**Contractor** Layne-Western  
 Address 250 Hwy 965 North Liberty  
 Driller Gary McCracken Certification no. 40285