

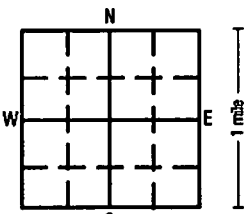
**Site identification**

Property Owner Cedar Falls Parks Dept. Well Number \_\_\_\_\_  
Address 606 Union Road, Cedar Falls  
Tenant Pheasant Ridge Country Club  
Well Depth \_\_\_\_\_ ft Date completed 4/14/98

**Location** County Black Hawk

\_\_\_\_\_ mi. N and \_\_\_\_\_ mi. E of Intersection of \_\_\_\_\_ and \_\_\_\_\_  
\_\_\_\_\_ 1/4 of the SE 1/4 of the NW 1/4 of Sec 10 TWP 89 RNG 14 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'	4'			Topsoil
4'				Small Boulder
4'	66'	Brown-Blue		Clay
66'	68.5'			Sand
68.5'	93'	Blue		Clay
93'	130'			Rock, Shale
130'	147'			Limerock
147'	149'			Shale
149'	185'			Limerock
185'	187'			Made Water
187'	207'			Limerock
207'	250'			Broken Rock

use additional sheets as needed

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

**Well use**

☐ Domestic ☐ Municipal ☐ Commercial  
☐ Livestock ☐ Public supply ☐ Monitoring  
☐ Test well ☒ Irrigation ☐ Other \_\_\_\_\_ (explain)

**Drill method** ☒ rotary ☐ auger ☐ cable ☐ other \_\_\_\_\_

**Hole size**  
14 3/4 inch from 0 ft to 102 ft  
10 inch from 102 ft to 250 ft

hole size continued  
\_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ 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 adapter (yes/no) \_\_\_\_\_

Size (OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
10 5/8"	Steel	102'	102'	104'
8"	Steel	99'	250'	151'

**Perforated or slotted casing?** (yes/no) ☒

Perforated / slotted from 177 ft to 248 ft  
Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Casing grouted?** (yes/no) ☒ Placement method \_\_\_\_\_

Type	Depth Top	Depth bottom	Amount (vol/wt)
Neat Cement	0'	102'	66 sacks
Hole plug			6 sacks

**Well screen?** (yes/no) ☒

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	0. _____				
	0. _____				

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 \_\_\_\_\_  
(pumped, airlifted, 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 \_\_\_\_\_ ft to \_\_\_\_\_ ft ☐ seepage well  
Static water level 118 ft (below/above) GL: ☐ tape ☐ airline ☐ E-line ☐ estimate  
Pumping water level 180 ft below GL: ☐ tape ☐ airline ☐ E-line ☐ estimate  
At yield of \_\_\_\_\_ GPM; ☐ orifice ☐ volumetric ☐ estimate  
Measurements taken at \_\_\_\_\_: \_\_\_\_\_ (AM / PM) Date \_\_\_\_/\_\_\_\_/\_\_\_\_

**Water quality test?** (yes/no) \_\_\_\_\_ Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_  
Tested by \_\_\_\_\_

Contractor Shawver Well Company, Inc.  
Address Fredericksburg, IA 50630  
Driller Jim Bunting Certification no. 40121