Iowa Department of Natural Resources Geological Survey Bureau
109 Trowbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

WELL RECORD 44471

Permit No. 97-368W

Site identification

Property Owner Don Wurdinger Well Number ____

Address 1201 230th Street, Waverly

Tenant ____

Well Depth 120 ft Date Completed 8 / 13 / 97

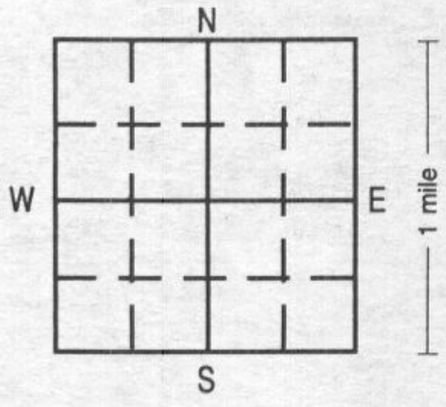
Location

County Bremer

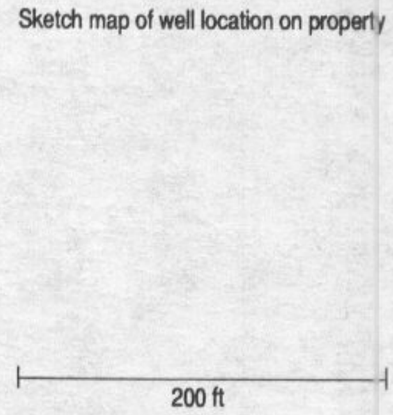
____ mi. N/S and ____ mi. E/W of intersection of ____ and ____

____ 1/4 of the SW 1/4 of the SW 1/4 of Sec 04 TWP 91-97 RNG 13-14E (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'	15'	Brown		Clay & Sand
15'	25'			Sand
25'	50'	Brown		Clay
50'	70'	Brown		Clay w/Streaks of Limerock
70'	120'			Limerock

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

12¼ inch from 0 ft to 15 ft
9⅞ inch from 15 ft to 73 ft

hole size continued
6 inch from 73 ft to 120 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)
6"	Steel	0	73	73

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	73	26 Sacks
			3 sacks bridging
			2 sacks dry bentonite

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 ____

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

Final water level (static water level) 67 ft (below / above) GL.

Pumping water level 80 ft below GL; ☐ tape ☐ airline ☐ E-line

At yield of 20 GPM; ☐ orifice ☐ volumetric ☒ estimate Date ____

Water quality test? (yes / no)

Date tested ____ / ____ / ____

Tested by ____

Test results ____

Contractor Shaver Well Co., Inc.

Address Fredericksburg, IA 50630

Driller Eric Horndek **Certification no.** 404116

white copy - **Iowa DNR, Geological Survey Bureau** blue copy - **Well Contractor** pink copy - **Customer** yellow copy - **County Health Officer**