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

WELL RECORD

62256

Permit No. _____

Site identification

Property Owner: City of Riverside, Iowa Well Number: 8

Address: Highway 22 East, Riverside, Iowa 52327

Tenant: _____

Well Depth: 204 ft Date completed: 5 / 6 / 06

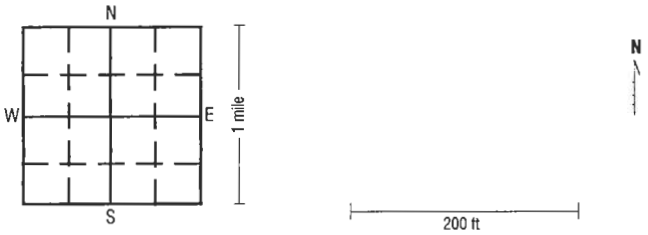
Location

County: Washington

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

____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec ____ TWP ____ RNG ____ 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	26	brown		clay
26	43	gray		clay w/ fine sand
43	112	gray		clay - some gravel
112	116			med gravel
116	125			fine to med gravel
125	181			med to coarse "
181	192			med/fine gravel - some clay
192	204			coarse gravel

use additional sheets as needed

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

Well use

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

Drill method

☐ rotary ☐ auger ☐ cable other Reverse Rotary

Hole size

32 inch from 0 ft to 210 ft

____ inch from ____ ft to ____ 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 (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
16" O.D.	A53 B / 82 lbs/ft.	+1	124	125

Perforated or slotted casing? (yes / no)

Perforated / slotted from x ft to x ft

Perforated / slotted from x ft to x ft

Casing grouted? (yes / no)

Placement method: Tremie Pipe

Type	Depth Top	Depth bottom	Amount (vol/wt)
Cement grout	8	84	16 yds
Bentonite	84	91	29 bags

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
16" O.D.	0.060	124	204	80	Stainless Steel
	0.___				

Bottom capped (yes / no) with Steel Plate

Seals / Packers (yes / no) kind x depth x ft

Gravel packed (yes / no) from 91 ft to 204 ft

type #2 amount 24 ton

Well developed? (yes / no)

Explain: Airlifted, Test-pumped

(pumped, airlifted, bailed) for 48 hrs at 1001 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 125 ft to 204 ft ☐ seepage well

Static water level 47 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 67 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 1001 GPM; ☒ orifice ☐ volumetric ☐ estimate

Measurements taken at 24:00 (AM / PM) Date 5 / 08 / 06

Water quality test? (yes / no)

Date tested 5 / 8 / 06

Tested by University of Iowa Hygienic Laboratory

Contractor: Cahoy Pump Service

Address: 411 E. Main St., Fredericksburg, Ia. 50630

Driller: Darin J. Cahoy Certification no. 1786

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