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

WELL RECORD

58225 Permit No. 15491

Site identification

Property Owner: Tri-City golf Club Well Number: 22-637

Address:

Tenant:

Well Depth: 540 ft Date completed: 12 / 4 / 03

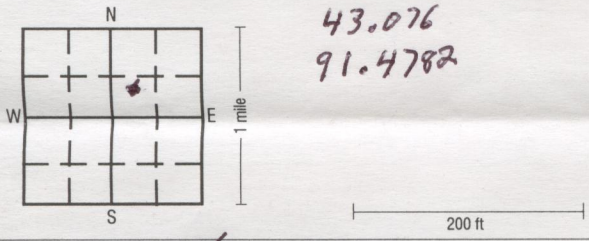
Location

County: Clayton

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

____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec 6 TWP 95 RNG 5 E/W

Show exact location of well in section grid with a dot (●). Sketch map of well location on property.



43.076
91.4782

☐ upland ☐ hillside ☒ valley Elevation (if known):

Formation log

From	To	Color	Hardness	Formation description
0	7			topsoil
7	15	Blue	med	clay
15	168	Brn	hard	limerock
168	190	gray	hard	limerock
190	232	Brn	hard	limerock
232	316	Blue	med	shale-rock
316	367	white	soft	sandstone
367	395	Brn	hard	limerock
395	540	Lt Brn	hard	limerock

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 20 ft
12 1/4 inch from 20 ft to 394 ft

hole size continued: 8 inch from 394 ft to 540 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)
8 5/8 od	.322	+1	394	395

Perforated or slotted casing? (yes / no)

Perforated / slotted from ____ ft to ____ ft

Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no) Placement method ____

Type	Depth Top	Depth bottom	Amount (vol/wt)
Cement	200	394	63 Bags
Bentonite	100	200	21 Bags
cement	0	100	36 Bags

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 1 hrs at 300 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 240 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 380 ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

At yield of 200 GPM; ☐ orifice ☐ volumetric ☐ estimate

Measurements taken at ____ : ____ (AM / PM) Date ____ / ____ / ____

Water quality test? (yes / no) Date tested ____ / ____ / ____

Tested by ____

Contractor: B and B Drilling

Address: Edgewood

Driller: Jim Bentzinger Certification no. 40121

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