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

WELL RECORD

Permit No. _____

- 56814

Site Identification

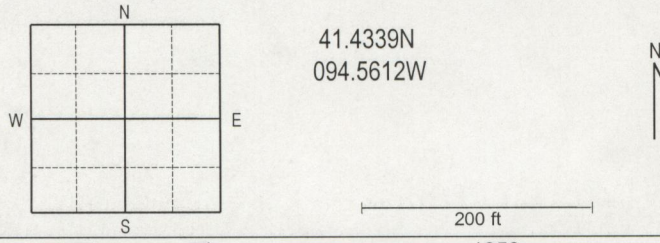
Property Owner: CITY OF AUDUBON Well Number: SOUTH #2
Address: AUDUBON IA
Tenant: _____
Well Depth: 50 ft. Date completed: 7/17/02

Location

County: AUDUBON

_____ mi. NS and _____ mi. EW of intersection of _____ and _____
_____ ¼ of the _____ ¼ of the _____ ¼ of Sec _____ TWP _____ RNG _____ EW

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



☐ upland ☐ hillside ☑ valley Elevation (if known): 1353

Formation log

From	To	Color	Hardness	Formation description
0	5	DB		CLAY
5	10	DB		CLAY
10	15	B		CLAY W/SOME SAND
15	20	B		CLAY W/SAND
20	30	B		SAND W/GRAVEL
30	35	B		CLAY
35	40	B		CLAY W/WHITE STREAKS
40	45	B		CLAY
45	50	B		CLAY

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

36 inch from _____ ft to 50 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" OD	304 SS	7'	24'	17'

Perforated or slotted casing? (☐ yes/☑ no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (☑ yes/☐ no)

Placement method: TREMIE

Type	Depth Top	Depth Bottom	Amount (vol/wt)
CEMENT	0'	10'	
BENTONITE	10'	14'	

Well screen? (☑ yes/☐ no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
16"	0._080_	24'	33'	9'	SS
	0._ _ _				

Bottom capped (☑ yes/☐ no) with SS PLATE
Seals / Packers (☐ yes/☑ no) kind _____ depth _____ ft
Gravel packed (☑ yes/☐ no) from 30 ft to 50 ft
type NO. 3 amount _____

Well developed? (☑ yes/☐ no)

Explain: MECHANICALLY SURGED
(pumped, airlifted, balled) for 24 hrs at 31 GPM

Pump installed? (☑ yes/☐ no)

Date: 8-20-02
Installer's name: CAHOY PUMP SERVICE
Type of pump: GOULDS SUBMERSIBLE Depth to intake: 30' ft
Pump diameter: 4" Rated capacity: 25 GPM

Water information

Aquifer: ☑ sand / gravel ☐ limestone ☐ sandstone
Main water-supply zone from 24' ft to 33' ft ☐ seepage well
Static water level 18 ft (☑ below/☐ above) GL, ☑ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 22 ft below GL, ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of 31 GPM; ☐ orifice ☑ volumetric ☐ estimate
Measurements taken at _____ (☑ AM/☑ PM) Date: 7-30-02

Water quality test? (☑ yes/☐ no)

Date tested: 8-01-02
Tested by: HYGENIC LAB

Contractor: RO-BANKS, INC.
Address: 1595 G-50 HWY ST.CHARLES IA
Driller: ROGER BANKS Certification no.: 40105

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

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