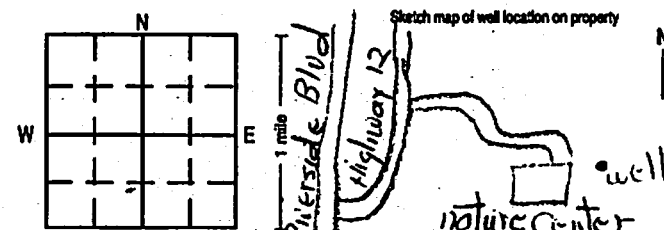


Site Identification
 Property Owner Woodbury County Conservation Well Number 2
 Address RR 3 Sioux City Ia
 Tenant Nature Center
 Well Depth 290 ft Date Completed 10 / 22 / 94

Location County Woodbury
2 mi. W and 1/4 mi. E of intersection of Riverside Blvd. and Highway 12
1/4 of the 1/4 of the 1/4 of Sec 38 TWP 47 R 12

Show exact location of well in section grid with a dot (•).

 Sketch map of well location on property
 1 mile
 Riverside Blvd
 Highway 12
 Nature Center
 200 ft

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

Formation log

From	To	Color	Hardness	Formation description
0	4	black	soft	Top soil
4	13	yellow	hard	clay
13	25	gray	"	clay
25	33	black	"	shale
33	49	black	soft	"
49	56	gray	"	"
56	63	gray	hard	stks Limestone + shale
63	77	gray	soft	stks coal + shale
77	80	gray	hard	stks Limestone + shale
80	87	gray	"	shale
87	88	white	"	Limestone
88	96	gray	"	shale
96	97	green	"	"
97	98	white	"	Limestone
98	101	gray	"	shale
101	102	white	"	Limestone
102	115	gray	"	shale
115	116	white	"	Limestone
116	118	gray	"	shale
118	126	gray	"	"

Remarks (including depth of lost drilling fluids, materials, or tools)
Log on second sheet

Well use
☐ Domestic ☐ Municipal ☐ Industrial
☐ Livestock ☒ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Drill method ☒ rotary ☐ auger ☐ cable other _____
Hole size
12 inch from 0 ft to 20 ft
9 inch from 20 ft to 292 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)
5" ID	PVC 250#	0	259	259

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
benite	7	240	

Well screen? (yes/no) ☒

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
5" ID	30	259	289	30	PVC Johnson

Bottom capped (yes/no) ☒ with 5" PVC cap
 Seals / Packers (yes/no) ☒ kind _____ depth _____ ft
 Gravel packed (yes/no) ☒ from 240 ft to 290 ft
 type # 2 amount _____

Well developed? (yes/no) ☒
 Explain bailed

Pump installed? (yes/no) ☒ Date 10 / 22 / 94
 Installer's name Marty Soole
 Type of pump 35LP Ecouls Sub Depth to intake 180 ft
 Pump diameter 3 3/4 Rated capacity 35 GPM

Water information Aquifer: ☐ sand/gravel ☐ limestone ☒ sandstone
 Main water-supply zone from 258 ft to 290 ft
 Final water level (static water level) 127 ft (below / above) GL.
 Pumping water level 136 ft below GL; ☐ tape ☐ airline ☒ E-line
 At yield of 40 GPM; ☐ orifice ☒ volumetric ☐ estimate Date 10-22-94

Water quality test? (yes/no) ☐ Date tested _____ / _____ / _____
 Tested by _____
 Test results _____

Contractor Marty Soole well Drilling
 Address 1729 County Home Rd. Bronson Ia
 Driller Marty Certification no. 40001

WELL RECORD

Permit No. _____

Site Identification Property Owner _____ Well Number _____ Address _____ Tenant _____ Well Depth _____ ft Date Completed ____/____/____		Drill method ☐ rotary ☐ auger ☐ cable other _____ Hole size _____ inch from 0 ft to _____ ft hole size continued _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft Record all depth measurements from ground level (GL). Use (+) for above GL measurements.																																																																																																																							
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