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

WELL RECORD 54304 Permit No. State

Site identification

Property Owner City of Woolstock Well Number 01
Address Woolstock IA 50599
Tenant Same
Well Depth 150 ft Date completed 5/8/01

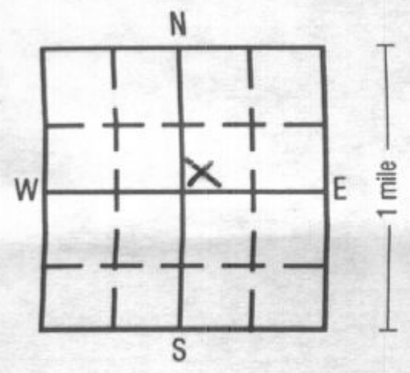
Location

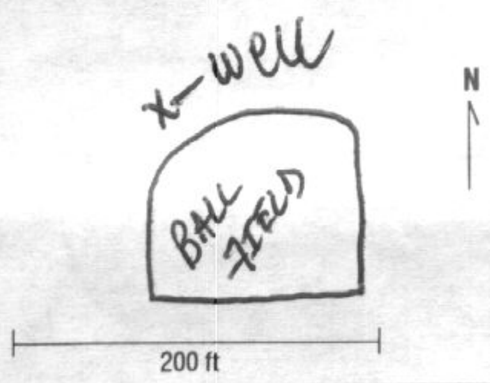
County Wright

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

SE 1/4 of the SW 1/4 of the NE 1/4 of Sec 31 TWP 90 RNG 25 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	2	Blk	S	Dirt
2	22	Brn	S	Sandy Clay
22	36	Gry	S	" "
36	38	Mult	S	Sand
38	68	Gry	S	Sandy Clay
68	78	Grn	S	" "
78	80	Brn	S	Clay
80	100	mBrn	H	Limerock
100	109	Lt-mBrn	H	"
109	113	LtBrn	H	"
113	118	Lt-mBrn	H	"
118	123	Lt Brn	H	"
123	133	Lt-mBrn	H	"
133	138	Lt Brn	H	Sandstone
138	142	Lt-mBrn	H	Limestone + Sandstone
142	148	Brn	H	loose limerock
148	150	mBrn	H	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

12¼ inch from 0 ft to 103 ft
8 inch from 103 ft to 150 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)
8"	Weld Steel	+2	103	105

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)
Portland	96	103	4 Bags
Benseal	0	96	15 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 With Drill
(pumped, airlifted, bailed) for 6 hrs at 200 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 133 ft to 148 ft ☐ seepage well
Static water level 51 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 80 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate
At yield of 220 GPM; ☐ orifice ☒ volumetric ☐ estimate
Measurements taken at ____:____ (AM / PM) Date ____/____/____

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

Tested by ____

Contractor Marts Well Co
Address 1451 B Gull Ave
Driller John C Certification no. 4052

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

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