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

WELL RECORD 57225

Permit No. W2002-540

Site identification

Property Owner City of Woodbine Well Number 4

Address 517 Walker, Woodbine, IA 51579

Tenant

Well Depth 67 ft From existing grade Date completed ____/____/____

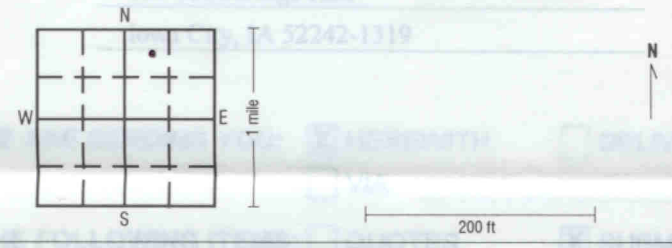
Location

County Harrison

1/8 mi. (N) S and 1/8 mi. (E) W of intersection of Buss Brown and Hwy 30

SE 1/4 of the NW 1/4 of the NE 1/4 of Sec 14 TWP 80 RNG 42 (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
GL	30	Br		Clay
30	33			Sand + Clay
33	40	Br		Sand
40	67	Br		Coarse Sand
67	76	Gr		Clay + Shale

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 Reverse

Hole size

20 inch from 0 ft to 67 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)
10"	40.48	+8	52	60

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)
Bentonite	35	37	5 Bags
Neat Cement	0	35	2 yd³

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
10"	0.030	52	67	15'	S.S.
	0.___				

Bottom capped (yes / no) with Stainless Steel Plate

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

Gravel packed (yes / no) from 37 ft to 67 ft

type LM "C" amount 3 Ton

Well developed? (yes / no)

Explain Surge + bail

(pumped, airlifted, bailed) for 8 hrs at various GPM.

Pump installed? (yes / no) Date ____/____/____

Installer's name K. Mohr

Type of pump Submersible turbine Depth to intake ____ ft

Pump diameter 6 Rated capacity 200 GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 52 ft to 67 ft ☐ seepage well

Static water level 18 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 45 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 100 GPM; ☒ orifice ☐ volumetric ☐ estimate

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

Water quality test? (yes / no) Date tested 1/16/02

Tested by Hygienic Laboratory

Contractor Layne-Western

Address 4601 N 252 St. Valley, NE 68064

Driller Correll Certification no. 40538

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

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