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

WELL RECORD 60084

Permit No. 16618

Site identification

2099804

Property Owner Ken Bauman Well Number

Address Woodland Country Store

Tenant Little Sioux

Well Depth 98 ft Date completed 4/18/05

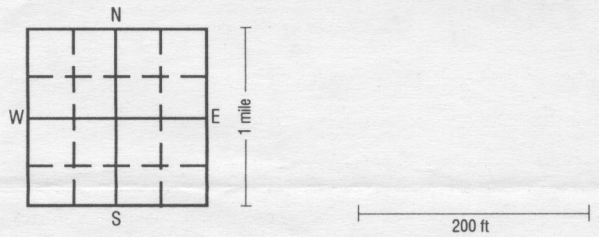
Location

County Harrison

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

1/4 of the 1/4 of the 1/4 of Sec 26 TWP 81 RNG 45 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	7	Brown		Clay
7	12	Gray		Clay
12	16	Dark Gray		Clay
16	40	Brown		Fine Sand
40	100	Gray		Coarse Sand

by owner

use additional sheets as needed

Remarks (including depth of lost drilling fluids, materials, or tools)

Well use

☐ Domestic ☐ Livestock ☐ Test well ☐ Municipal ☐ Public supply ☐ Irrigation ☐ Commercial ☐ Monitoring ☒ Other STORE (explain)

Drill method

☒ rotary ☐ auger ☐ cable other

Hole size

8 3/4 inch from 0 ft to 98 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)
4" ID	Sch40 PVC	5	88	83

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	0	70	200#

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
4"	0.018	88	98	10'	PVC
	0.___				

Bottom capped (yes / no) with 4" PVC cap

Seals / Packers (yes / no) kind depth ft

Gravel packed (yes / no) from 70 ft to 98 ft

type redimix amount 2000#

Well developed? (yes / no)

Explain

(pumped, airlifted, bailed) for 2 hrs at 60 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 88 ft to 98 ft ☐ seepage well

Static water level 20 ft (below / above) GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

Pumping water level 25 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

At yield of 60 GPM; ☐ orifice ☐ volumetric ☒ estimate

Measurements taken at 1:30 (AM / PM) Date 4/18/05

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

Tested by Hague Quality Water

Contractor Jensen Well Co.

Address 767 Iowa St Blair 68008

Driller John Warrick Certification no. 5708

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