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

WELL RECORD 56023 Permit No. 202-023W

Site identification

Property Owner Scarville Synod Luther Church Well Number _____
Address 411 Logan st Scarville IA 50473
Tenant _____
Well Depth 245 ft Date completed 4 / 24 / 02

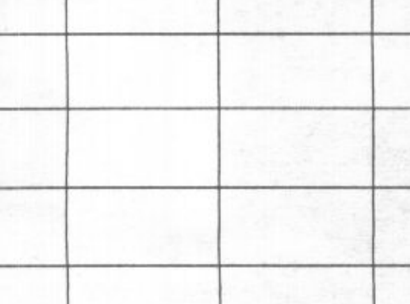
Location

County Winnebago

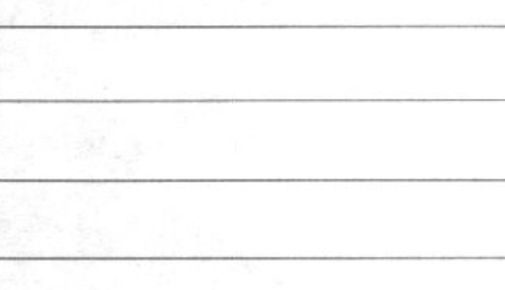
_____ mi. N S and 1 block mi. E W of intersection of A16 and 190 Ave

NE 1/4 of the NE 1/4 of the NE 1/4 of Sec 24 TWP 100 RNG 24 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	Black	S	Dirt
2	20	Yellow	S	Clay + Sand
20	49	Yellow	S	Gravel
49	160	Blue	S	Clay + Gravel
160	245	Gray	H	Limestone

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 _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

8 3/4 inch from 0 ft to 156 ft
4 3/4 inch from 156 ft to 245 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)
5" ID	steel 15 pd	+1	156	157

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no) Placement method _____

Type	Depth Top	Depth bottom	Amount (vol/wt)
Volclay II	0	156	900 pd

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 _____
(pumped, airlifted, bailed) for 3 hrs at 60 GPM.

Pump installed? (yes / no) Date 6 / 12 / 02

Installer's name Bruce Van Gerpen
Type of pump Submersible Depth to intake 85' ft
Pump diameter 4" Rated capacity 10 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 235 ft to 245 ft ☐ seepage well
Static water level 40 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 60 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
At yield of 30 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 2 :00 (AM / PM) Date 4 / 24 / 02

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

Tested by _____

Contractor Arnies Pump Service + Well drilling
Address Po Box 36, Rake Ia 50465
Driller Mark Van Gerpen Certification no. 4071

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

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