

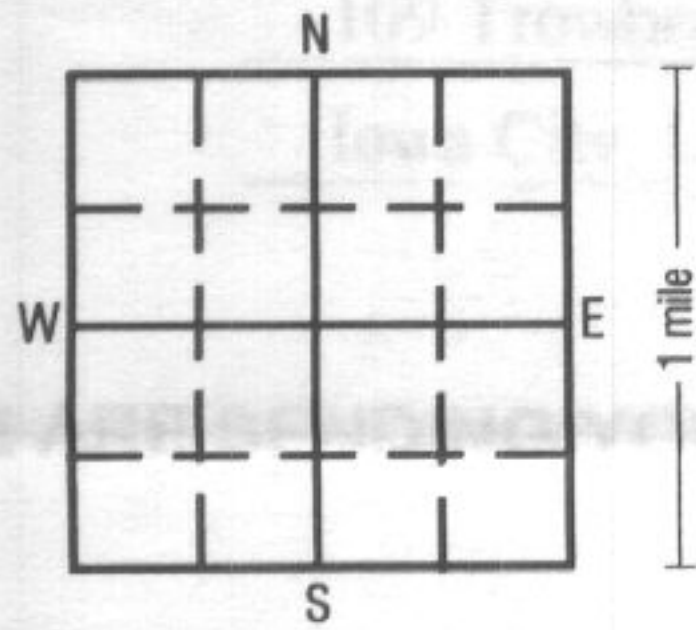
Site identification

Property Owner Park View Water Co. Well Number 4
Address 12 A Grove Road Eldridge, IA 52748
Tenant _____
Well Depth 320 ft Date completed 3 / 15 / 00

Location

County Scott

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
SW 1/4 of the NW 1/4 of the _____ 1/4 of Sec 31 TWP 80 RNG 4 ^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	32	Gr		Sandy Clay
32	33	Wh		Dolomite
33	35	Tan		Clay
35	40	Wh		Dolomite
40	44	Gr		Sandy Clay
44	45	Wh		Dolomite
45	60	Tan		Sandy Clay
60	88	Wh		Broken Dolomite
88	105	Wh		Dolomite
105	105.5	Gr		Shale
105.5	112	Wh		Dolomite
112	112.5	Gr		Shale
112.5	197	Tan		Dolomite
197	197.5	Gr		Shale
197.5	208	Tan		Dolomite
208	211	Gr		Shale
211	320	Tan		Sandy Dolomite

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 Dual Rotary

Hole size

18 inch from 0 ft to 96 ft
17 1/4 inch from 96 ft to 167 ft
hole size continued
12 inch from 167 ft to 320 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)
18"	# 104.67/lb	0	96'	96'
12"	# 53.52/lb	+1	167'	168'

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 + Pump

Type	Depth Top	Depth bottom	Amount (vol/wt)
Neat Cement	0	167'	25 yd ³

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 8 hrs at 550 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 168 ft to 320 ft ☐ seepage well

Static water level 67 ft (☒ below ☐ above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 72 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 543 GPM; ☒ orifice ☐ volumetric ☐ estimate

Measurements taken at 12 : 15 (AM ☒ PM) Date 12 / 15 / 99

Water quality test? (☒ yes ☐ no)

Date tested ____ / ____ / ____

Tested by JA Hygenic Lab

Contractor Layne-Western

Address 25450 Hwy 275 Valley, NE 68064

Driller A. Sherman Certification no. 40555