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

WELL RECORD 54599

Permit No. _____

Site identification

PWS

Property Owner Lake View Estates Well Number _____

Address Tom Potter, 523 Fireside Dr, Cedar Falls

Tenant _____

Well Depth 248 ft Date completed 8/17/01

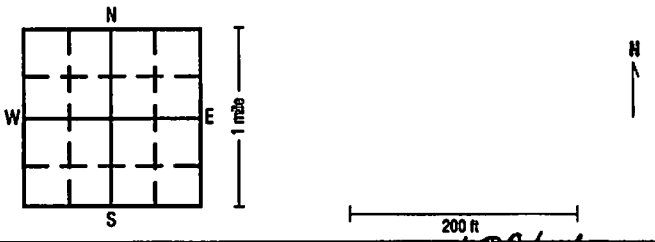
Location

County Delaware

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

____ 1/4 of the ____ 1/4 of the SE 1/4 of Sec 24 TWP 88 RNG 5 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) 1006'

Formation log

From	To	Color	Hardness	Formation description
0'	40'	Brown + Red		Clay
40'	42'	Yellow		Limerock
42'	46'	Yellow + Red		Clay
46'	87'	Yellow		Limerock
87'	96'	Cream Gray		Limerock
96'	128'	Cream		Limerock
128'	169'	Yellow-Brown		Limerock
169'	203'	Cream		Limerock
203'	231'	Gray		Limerock
231'	293'	Gray-Blue		Limerock
293'	298'	Red		Shale

use additional sheets as needed

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

12¼ inch from 0 ft to 49 ft

6 3/8 inch from 49 ft to 248 ft

hole size continued

9⅞ inch from 49 ft to 172 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)
7" .22	Steel	+2'	172'	174'

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)
Neat Cement		172'	130 sacks
Holeplug			5 sacks

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 50 GPM @ 165'

(pumped, airlifted, bailed) for _____ hrs at _____ 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 _____ ft to _____ ft ☐ seepage well

Static water level 97 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 165 ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate

At yield of 50 GPM; ☐ orifice ☐ volumetric ☐ estimate

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

Water quality test? (yes / no)

Date tested ____/____/____

Tested by _____

Well use

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

Contractor Shawver Well Company, Inc.

Address Fredericksburg, IA 50630

Driller Dave Halweg Certification no. 40162

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