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

WELL RECORD Page 1

Permit No. F 51826

Site identification

Property Owner City of Volga Well Number 3-2000

Address

Tenant

Well Depth 758 ft Date completed 4/12/00

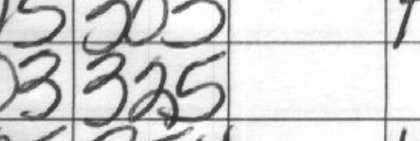
Location

County Clayton

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

___ 1/4 of the SW 1/4 of the NW 1/4 of Sec 10 TWP 92 RNG 6 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	21			Sand
21	43	Bl		Clay
43	46	Br		Shale Rock
46	173			Limerock
173	195	Buff		Limerock
195	255	Buff GR	Hard	Limerock
255	270	Light Buff Be		Limerock
270	275			Shale Rock
275	303		Hard	Limerock
303	325			Limerock & Shale
325	354		Hard	Limerock
354	360			Shale
360	403			Sandstone
403	405			Shale
405	415			Limerock
415	417			Brkn Rock/Pyrite
417	435	Multi		Limerock

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 ___

Hole size

14 3/4	inch	from 0 ft	to 48 ft	8	inch	from 460 ft	to 482 ft
13"	inch	from 48 ft	to 460 ft	7 7/8	inch	from 482 ft	to 758 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)
14"	Steel	+1'	48'	49'
8 5/8"	Steel	+3'	460'	463'

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)
Cement	0'	460'	420 SKS

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 See test pump report Airlift - 200 gpm @ 200'

(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 78 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☒ estimate

Pumping water level 200 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate

At yield of 200 GPM; ☐ orifice ☐ volumetric ☒ estimate

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

Water quality test? (yes / no)

Date tested ___/___/___

Tested by ___

Contractor

Contractor Shawver Well Co Inc

Address Fredericksburg

Driller Jim Bunteng Certification no 10364

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

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