

## Site identification

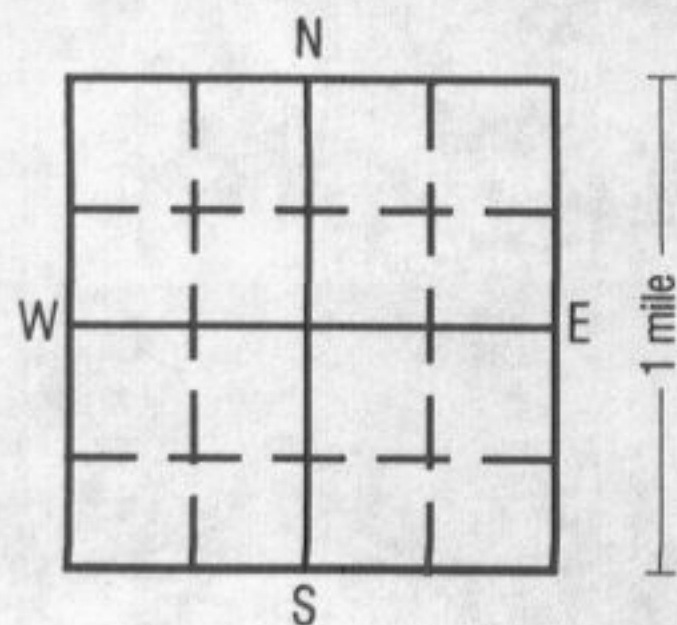
Property Owner Golden Oval Eggs Well Number \_\_\_\_\_  
Address 1800 Park Ave, Box 615  
Tenant Renville, MN 56284  
Well Depth 900 ft Date completed 2/4/02

## Location

County Winnebago

\_\_\_\_\_ mi. <sup>N</sup><sub>S</sub> and \_\_\_\_\_ mi. <sup>E</sup><sub>W</sub> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of \_\_\_\_\_ Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ 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'	15'			Clay
15'	28'			Sand + Gravel
28'	55'	Blue		Clay
55'	58'			Sand + Gravel
58'	60'	Blue		Clay
60'	127'			Shale
127'	138'		soft	Limerock
138'	178'		Med.	Limerock
178'	195'		Firm	Limerock
195'	290'		Hard	Limerock
290'	300'	Gray	Firm	Shale
300'	310'			Limerock
310'	400'			Shale
400'	422'			Shale, Rock Streaks
422'	430'			Sandstone
430'	502'		soft	Sandstone
502'	580'			Buff Limerock

use additional sheets as needed (CONT.)

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 134 ft hole size continued  
23 1/2 inch from 0 ft to 130 ft 17 1/2 inch from 130 ft to 210 ft  
15 inch from 210 ft to 460 ft (cont.)

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 5/8	steel	+2'	130'	132'
10 3/4	steel	+2'	547'	549'

## 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	0'	130'	170 sacks
Neat Cement	0'	547'	550 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 \_\_\_\_\_

(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 ☐ sandstoneMain water-supply zone from \_\_\_\_\_ ft to \_\_\_\_\_ ft ☐ seepage wellStatic water level 232 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimatePumping water level \_\_\_\_\_ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimateAt yield of \_\_\_\_\_ GPM; ☐ orifice ☐ volumetric ☐ estimate

Measurements taken at \_\_\_\_\_ : \_\_\_\_\_ (AM / PM) Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## Water quality test? (yes / no)

Date tested \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Tested by \_\_\_\_\_

Contractor Shawver Well Company, Inc.Address Fredericksburg, IA 50630Driller Tim Bunting Certification no. 40121



Site identification

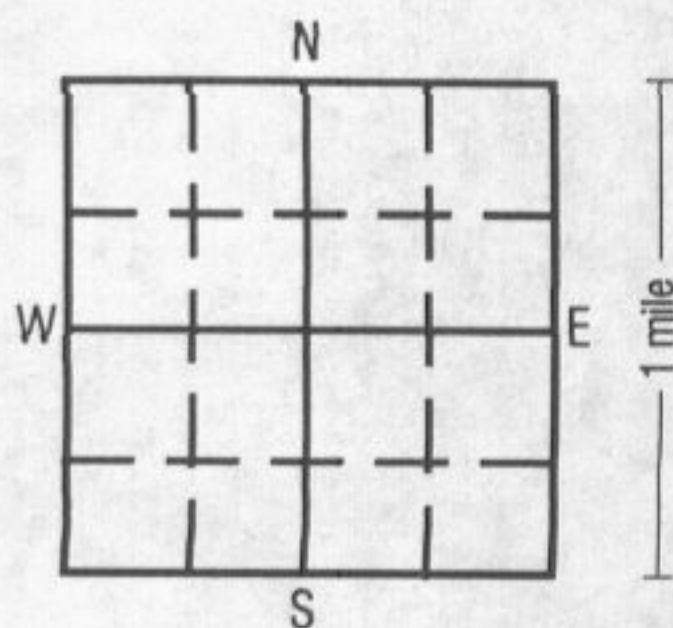
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\_\_\_\_\_ mi. <sup>N</sup> and \_\_\_\_\_ mi. <sup>E</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
\_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of \_\_\_\_\_ Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ E  
W

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
580'	583'			Sandstone
583'	648'	Brown		Limerock
648'	655'			Sandstone
655'	675'			Limerock
675'	780'			Limerock
780'	850'			Sandstone
850'	870'	Gray		Rock, Sandstone Streaks
870'	895'	Gray		Sandstone, Rock Streaks
895'	900'	Gray		Rock
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 460 ft to 547 ft hole size continued  
9 3/4 inch from 714 ft to 900 ft  
10 inch from 547 ft to 714 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)

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)

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 \_\_\_\_\_ 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 \_\_\_\_\_ ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☐ estimate  
Pumping water level \_\_\_\_\_ ft below GL; ☐ tape ☐ airline ☐ E-line ☐ estimate  
At yield of \_\_\_\_\_ GPM; ☐ orifice ☐ volumetric ☐ estimate  
Measurements taken at \_\_\_\_\_ : \_\_\_\_\_ (AM / PM) Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Water quality test? (yes / no)

Date tested \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Tested by \_\_\_\_\_

Contractor Shawver Well Company, Inc.

Address \_\_\_\_\_

Driller \_\_\_\_\_ Certification no. \_\_\_\_\_