

Site identification Les Henning

Property Owner Industrial Park Well Number _____

Address Site Hwy 9 Decorah

Tenant _____

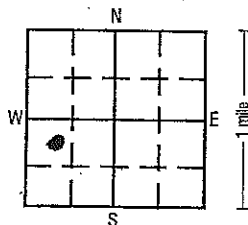
Well Depth 596 ft Date completed 05/30/06

Location

County Winnebago

_____ mi. ^N and _____ mi. ^E of intersection of _____ and _____
1/4 of the NW 1/4 of the SW 1/4 of Sec 31 TWP 98 RNG 7 ^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	Brown		Clay
15	18	Brown		Limerock
18	42	Gray		Shale Rock
42	54	Brown		Shale Rock
54	84	Light Brown		Limerock
84	144	Brown		Limerock
144	148	Gray		Limerock
148	150	Brown		Limerock
150	164	Gray/Brown		Limerock
164	274	Gray/Brown		Limerock
274	314	Blue		Shale
314	340	Brown		Limerock
340	345	Blue		Shale
345	412	White		sandstone
412	457	Brown		Limestone
457	462	White		sandstone
462	470	Brown		Limerock
470	480	White		sandstone

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

480-596 Brown Limerock

Well use

- ☐ Domestic ☐ Municipal ☐ Commercial
☐ Livestock ☒ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other _____

(explain)

Drill method

☒ rotary ☐ auger ☐ cable ☐ other _____

Hole size

12 1/4 inch from 0 ft to 20 ft 6 1/4 inch from 462 ft to 596 ft
9 7/8 inch from 20 ft to 462 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)
<u>7" .317</u>	<u>steel</u>	<u>+4</u>	<u>462'</u>	<u>466'</u>

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

Type	Depth Top	Depth bottom	Amount (vol/wt)
<u>Neat Cement</u>	<u>0</u>	<u>462'</u>	<u>160 sacks</u>

Well screen? (yes/no) ☒

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	<u>0</u>				
	<u>0</u>				

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 @ 440' @ 50 gpm, @ 596' @ 60 gpm
(pumped, airlifted, bailed) for 1 hrs at 50 GPM.

Pump installed? (yes/no) ☒

Date 06/08/06

Installer's name Cook's Well Service

Type of pump submersible Depth to intake 480 ft

Pump diameter 6" Rated capacity 50 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone

Main water-supply zone from 480 ft to 596 ft ☐ seepage well

Static water level 318 ft (below/above) GL; ☐ tape ☐ airline ☒ line ☐ estimate

Pumping water level 440 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

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

Measurements taken at 5:00 (AM/PM) ☒ Date 05/30/06

Water quality test? (yes/no) _____

Date tested _____ / _____ / _____

Tested by _____

Contractor Shaver Well Co

Address Fredricksburg, IA

Driller Gary Martin Certification no. 3845