

WELL RECORD

PWTS Permit No. _____

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

PWTS Well No. _____

County Permit No. _____

Site Identification

Property Owner Ringsted City Other ID _____
 Address 112 W Maple Street
Ringsted, IA 50578
 Tenant _____
 Well Depth 300 ft Date completed 5/14/98

Location

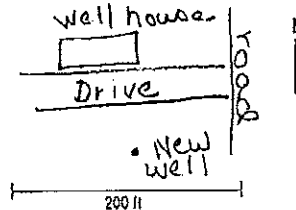
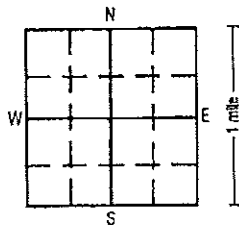
County Emmet

_____ mi. N and _____ mi. E of intersection of _____ and _____
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RANG _____ E W

GPS Coordinates (NAD83 datum only) decimal degrees:

_____ N. Latitude _____ W. Longitude.

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.


☐ upland ☐ hillside ☐ valley ☐ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	5	Blk		Top Soil
5	25	Brn		Clay
25	45	Blue		Clay
45	65	Brn		sand
65	110	Blue		Clay
110	115	Blue		Clay-sand
115	160	Blue		Clay
160	170	Gray Hard		Clay
170	175	Gray Hard		Clay-rock
175	190	Brn Hard		Clay
190	195	Brn Hard		Clay-rock
195	245	Brn Hard		Clay-rock
245	260	Gray	Fine	sandstone
260	265	Gray	Hard	Clay-rock

use additional sheets as needed Continued

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

Telescope Screen

Well use

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

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

1 1/4 inch from 0 ft to 280 ft
 _____ inch from _____ ft to _____ ft

hole size continued

_____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Drive shoe (yes/no)

Pileless adapter (yes/no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
8	200	0	280	280

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Placement method Pumped

Type	Depth top	Depth bottom	Amount (vol/wt)
Bentonite	0	280	

Well screen? (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
8" tel	0.25	280	287	7	SS
8" tel	0.20	287	300	13	SS

Bottom capped (yes/no) with 5/8 capSeals / Packers (yes/no) kind 8 Kpacker depth 277' ft

Gravel packed (yes/no) from _____ ft to _____ ft

type _____ amount _____

Well developed? (yes/no)

Explain Air lift + Jet(pumped, airlifted, bailed) for 8 hrs at 250 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 280 ft to 300 ft ☐ seepage wellStatic water level 100 ft (below/above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimatePumping water level 120 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimateAt yield of 250 GPM; ☐ orifice ☒ volumetric ☐ estimate for _____ hours

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

Water quality test? (yes/no)

Date tested ____/____/____

Tested by _____

Contractor _____

Address _____

Driller _____

Certification no. _____

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