

## WELL RECORD

PWTS Permit N \_\_\_\_\_

75530

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

PWTS Well No.: \_\_\_\_\_

County Permit No 2012-0347W

## Site identification

Property Owner: CITY OF ROLFE WELL #3 Other ID: \_\_\_\_\_

Address 319 GARFIELD STREET, ROLFE, IA 50581

Tenant \_\_\_\_\_

Well Depth: 185 ft Date Completed: 8/2/2012

## Location

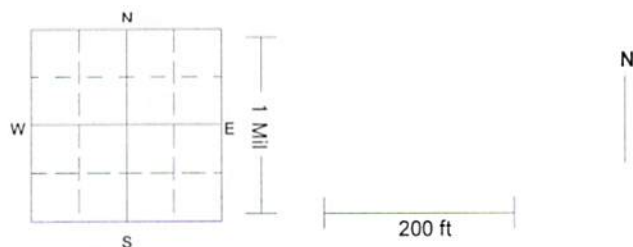
County POCAHONTAS COUNTY HEALTH DEP

\_\_\_\_ mi. N and \_\_\_\_ mi. E of intersection of \_\_\_\_\_ and \_\_\_\_\_  
1/4 of the 1/4 of the 1/4 of Sec TW RN 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	26	YELLOW		CLAY W/SAND
26	65	BLUE		CLAY
56	71	BLUE		CLAY
71	108	YELLOW		SAND
108	140	YELLOW		LIMESTONE
140	143	YELLOW	FRACTURED	LIMESTONE W/SHALE
143	160	YELLOW	HARD	LIMESTONE
160	165	YELLOW	SOFT	LIMESTONE
165	180	BROWN	HARD	LIMESTONE
180	185			SHALE

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

WELL USE: PUBLIC SUPPLY

## Well use

- ☐ Domestic ☐ Heat Pump ☐ Commercial ☐ Monitoring  
☐ Livestock ☐ Municipal ☐ Public Supply ☐ Other  
☐ Test Well ☐ Irrigation

Drill method ☒ rotary ☐ auger ☐ cable other \_\_\_\_\_

## Hole size

 20 inch from 0 ft to 113 ft inch from ft t ft  
 11 inch from 113 ft to 185 ft inch from ft t ft

## Casing

☐ Drive shoe ☐ Pitless adaptor

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
12" SDR21	PVC	+1	113	114

## Perforated or slotted casing?

☐ Perforated ☐ Slotted from ft t ft  
☐ Perforated ☐ Slotted from ft t ft

## Casing grouted?

☒ Grouted Placement method: TRIMMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	114	

## Well Screen?

☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped ☐ withSeals/Packers ☐ kind depth ftGravel packed ☐ from to ft  
type amount

## Well developed?

☒ Well Developed

Explain AIR

☐ pumped ☒ airlifted ☐ bailed for 1 hrs at 200 GPM

## Pump installed?

☐ Pump Installed

Date

Installer's Name

Type of Pump

Depth to Intake

Pump diameter

Rated Capacity GPM

ft

GPM

## Water information

☐ Sand/gravel☒ Limestone☐ SandstoneMain water-supply zone 1 from 140 ft to 143 ft ☐ seepage well

Main water-supply zone 2 from ft to ft

Static water level 40 ft (below/above) G ☒ tap ☐ airline ☐ E-line ☐ estimatePump water level ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimateAt yield of GPM; ☐ Orifice ☐ Volumetric ☒ Estimate for hours

Measurement taken at

Date

## Water quality test?

☐

Date

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Address 1331 HWY 1, KALONA, IA 52246

Driller Klint Gingerich

Certification no. 2639

