077732 WELL RECORD

PWTS Permit N _____

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 _____

Site identification

Property Owner: ROLFE CITY OF WELL #4 Other ID: _____

Address 301 LOCUST STREET, ROLFE, IA 50581

Tenant _____

Well Depth: 185 ft Date Completed: 4/15/2014

Location

County POCAHONTAS COUNTY HEALTH DEP

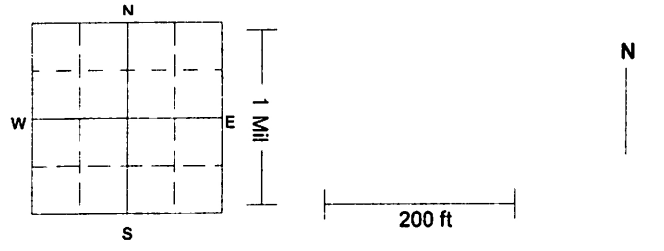
____mi. N/S and ____mi. E/W of intersection of _____ and _____

1/4 of the 1/4 of the 1/4 of Sec 5 TW 92 RN 31 E/W

GPS Coordinateds (NAD83 datum only) decimal degrees:

_____ N. Latitude _____ W. Longitude.

Show exat 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	28	YELLOW		CLAY WITH SAND
28	73	BLUE		CLAY
73	96	YELLOW		SAND
96	102	YELLOW	SOFT	LIMESTONE
102	140	YELLOW		LIMESTONE
140	143	YELLOW	SOFT	LIMESTONE W/ SHALE
143	158	YELLOW	HARD	LIMESTONE
158	163	YELLOW	SOFT	LIMESTONE
163	181	BROWN	HARD	LIMESTONE
181	185	GREEN		SHALE

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

Well use
☐ Domestic ☐ Livestock ☐ Test Well
☐ Heat Pump ☐ Municipal ☐ Public Supply ☐ Irrigation
☐ Commerical ☐ Monitoring ☐ Other _____

Drill method ☑ rotary ☐ auger ☐ cable other _____

Hole size

21 inch from 0 ft t 98 ft
11.25 inch from 98 ft t 108 ft
9.875 inch from 108 ft t 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	98	99
8 SDR21	PVC	88	113	25

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	98	140 CU/FT
CEMENT	88	108	6 CU/FT

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material

Bottom Capped ☐ with
Seals/Packers ☑ kind KPACKERS depth 108 ft
Gravel packed ☐ from to ft
type amount

Well developed? ☑ Well Developed

Explain WITH AIR

☐ pumped ☑ airlifted ☐ bailed for hrs at GPM

Pump installed? ☐ Pump Installed Date

Installer's Name
Type of Pump Depth to Intake ft
Pump diameter Rated Capacity GPM GPM

Water information ☐ Sand/gravel ☑ Limestone ☐ Sandstone
Main 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 ☐ estimate
Pump water level 100 ft (below GL ☐ tape ☐ airline ☐ E-line ☐ estimate
At yield of 44 GPM; ☐ Orifice ☑ Volumetric ☐ Estimate for 3 hours
Measurement taken at Date

Water quality test? ☐ Date
Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC
Adress 1331 HWY 1, KALONA, IA 52246
Driller Klint Gingerich Certification no. 2639

Send original form t Iowa Department of Natural Resouces-Geological Survey

Make photocopies for Well Contractor, and County Health Department