WELL RECORD

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

PWTS Well No.: _____

PWTS Permit No. _____
County Permit No. _____

Site Identification

Property Owner: POCAHONTAS, CITY OF, WELL #5 ID:
Address: 31 3RD AVE NE, POCAHONTAS, IA 50574
Tenant:
Well Depth: 255 ft Date Completed: 7/22/2021

Location County: POCAHONTAS COUNTY IOWA

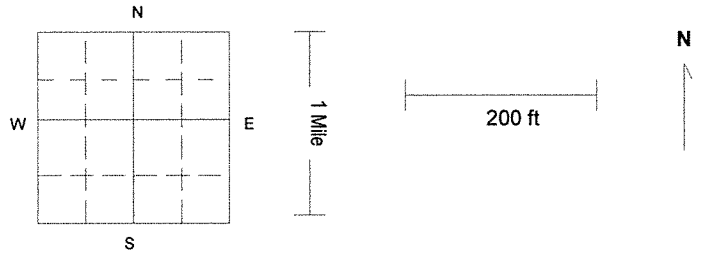
____mi. N/S and ____mi. E/W of intersection of _____ and _____

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

GPS Coordinateds (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
				SEE ATTACHED FORMATIONS

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

ADDITIONAL DRILLER: DILLON GINGERICH 10177

Well Use

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

Drill Method ☑ rotary ☐ auger ☐ cable other _____

Hole Size

24	inch	fro	0	ft	to	196	ft	inch	from	ft to	ft
19	inch	fro	196	ft	to	255	ft	inch	from	ft to	ft

Casing Placement Method: TRIMME ☐ Drive shoe ☐ Plu

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
20 OD	STEEL .375	0	196	196
14 OD	STEEL .375	0	205	205

Perforated or Slotted Casing

☐ Perforated ☐ Slotted from ft to ft
☐ Perforated ☐ Slotted from ft to ft

Casing Grouted ☑ Grouted

Type	Depth top	Depth bottom	Amount (vol/wt)
NEAT CEMENT	0	196	200 CU/FT
NEAT CEMENT	0	191	185 CU/FT

Well Screen ☑ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
14	0.03	205	255	50	\INLESS STE

Bottom Capped ☑ with STAINLESS STEEL
Packers ☐ kind depth ft
Seals ☐ kind depth
Gravel packed ☑ from 193 to 255 ft
type #30 RED FLINT amount 9400

Well Developed ☑ Well Developed

Explain SURGE BLOCK & AIR

☐ pumped ☑ airlifted ☐ bailed for 24 hrs at 500 GPM

Pump Installed ☐ Pump Installed Date

Type of Pump Depth to Intake ft
Pump diameter Rated Capacity GPM

Water information ☐ Sand/gravel ☐ Limestone ☑ Sandstone
Main Water-Supply Zone 1 from 205 ft to 255 ft ☐ Seepage Well
Main Water-Supply Zone 2 from ft to ft
Static water level 74 ft (below/above) GL ☐ tape ☐ airline ☑ E-line ☐ estimate
Pump water level 157 ft (below)GL; ☐ tape ☐ airline ☑ E-line ☐ estimate
At yield of 500 GPM ☐ Orifice ☑ Volumetric ☐ Estimate for 24 hours
Measurement taken at 10:00:00 AM Date 8/24/2021

Water quality test? ☐ Date
Tested by

Contractor Name GINGERICH WELL PUMP SERVICE, LLC
Address 1331 HWY 1, KALONA, IA 52247
Driller KLINT GINGERICH Certification No. 2639

Send original form to **Iowa Department of Natural Resouces-Geological Survey**

Make photocopies for: **Well Contractor, and County Health Department**

City of Pocahontas Well #5				
From	To	Color	Hardness	Formation Description
0	5	Black		Top Soil
5	15	Brown		Clay
15	61	Blue		Clay
61	63			Small Gravel Mix
63	82	Blue		Clay
82	85	Red/Brown	Soft	Clay
85	95	Light Gray		Shale & Clay
95	98			Small Gravel Mix
98	113	Blue/Gray		Clay
113	131	Brown/Yellow		Clay
131	133			Small Gravel Mix
133	135	White/Gray		Shale
135	143	Yellow/Brown		Clay
143	153	Gray/Brown		Clay
153	165	Yellow	Soft	Clay
165	197		Soft	Gravel & Clay Mix
197	205	White/Tan		Clay
205	255	White/Gray		Sandstone