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: REMSEN, CITY OF ID: WELL #10
Address: 112 E NOTHEM AVE, REMSEN, IA 51050
Tenant: _____
Well Depth: 445 ft Date Completed: 8/19/2021

Location County: PLYMOUTH COUNTY IOWA

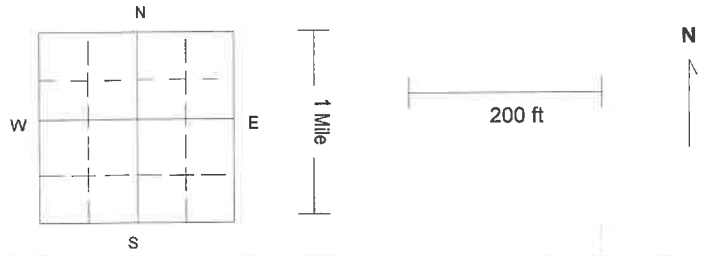
____mi. N/S and ____mi. E/W of intersection of _____ and _____

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

GPS Coordinateds (NAD83 datum only) decimal degrees:

42.817053 N. Latitude -95.971201 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	13			TOP SOIL/CLAY
13	43			SAND & GRAVEL WITH BOULDERS (CAVING)
43	120	BLUE		CLAY
120	160	GRAY/WHIT		SHALE
160	164	WHITE		SANDSTONE
164	200	GRAY		SHALE
200	224	GRAY		SANDSTONE
224	236	GRAY		SHALE
236	253	GRAY		SANDSTONE
253	345	GRAY		SHALE
345	380	RED		SHALE
380	445	TAN		SANDSTONE

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

*LOOSE CAVING SAND 8'-32' *INSTALLED TEMPORARY 26" STEEL TO HOLD IT OPEN, REMOVED 26" STEEL *ADDITIONAL DRILLER: DILLON GINGERICH 10177

Well Use

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

Drill Method ☑ rotary ☐ auger ☐ cable other _____

Hole Size

32 inch fro 0 ft to 40 ft
24 inch fro 40 ft to 368 ft
19 inch from 368 ft to 445 ft
inch from ft to ft

Casing Placement Method: TRIMIE ☐ Drive shoe ☐ Plu

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
20 OD	STEEL .437	0	368	368
14 OD	STEEL .375	0	375	375
14 OD	STEEL .375	375	395	20

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	368	450 BAGS
NEAT CEMENT	0	380	350 BAGS

Well Screen ☑ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
14	0.03	395	445	50	AINLESS STE

Bottom Capped ☑ with STAINLESS STEEL
Packers ☐ kind depth ft
Seals ☐ kind depth
Gravel packed ☑ from 380 to 445 ft
type #30 RED FLINT amount 6900#

Well Developed ☑ Well Developed

Explain SURGE BLOCK/AIR
☐ pumped ☑ airlifted ☐ bailed for 24 hrs at 420 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 395 ft to 445 ft ☐ Seepage Well
Main Water-Supply Zone 2 from ft to ft
Static water level 188 ft (below/above) GL ☐ tape ☑ airline ☐ E-line ☐ estimate
Pump water level 220 ft (below)GL; ☐ tape ☑ airline ☐ E-line ☐ estimate
At yield of 420 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**