WELL RECORD

1018607

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. 2024-0023W

Site Identification

Property Owner FARMERS CREAMERY, ID: WELL 2

Address 2206 540TH ST SW, KALONA, IA 52247

Tenant _____

Well Depth: 296 ft Date Completed: 11/14/2023

Location

County JOHNSON COUNTY IOWA

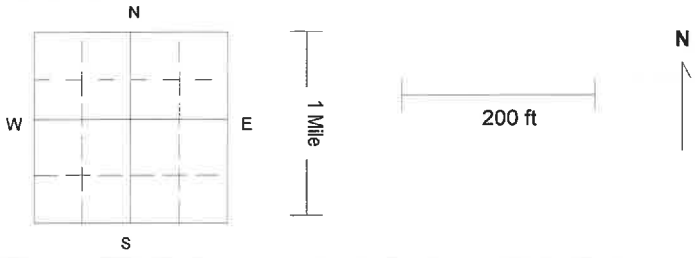
____mi. N/S and ____mi. E/W of intersection of _____ and _____

SE 1/4 of the SW 1/4 of the SW 1/4 of Sec 19 TW 78N RN 7W 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
0	70	BROWN	FIRM	CLAY
70	101	GRAY	FIRM	CLAY
101	105	GRAY	FIRM	SAND
105	113	GRAY	FIRM	CLAY
113	133	GRAY	FIRM	SAND
133	145	GRAY	FIRM	CLAY
145	149	GRAY	SOFT	SANDY CLAY
149	186	GRAY	FIRM	CLAY
186	202	GRAY	FIRM	CLAY & SAND
202	208	GRAY	FIRM	CLAY
208	225	GRAY	SOFT	CLAY W/ SAND
225	258	GRAY	FIRM	CLAY
258	296	GRAY	FIRM	SAND

Remarks

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

ADDITIONAL DRILLER: BRADEN GINGERICH 10913
PERMIT NO: 2024-0023W; PROJECT NO: W2023-0292; PWSID NO: IA5221102

Well Use

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

Drill Method

☑ rotary ☐ auger ☐ cable other _____

Hole Size

11	inch	fro	0	ft	to	270	ft	inch	from	ft	to ft
6	inch	fro	270	ft	to	296	ft	inch	from	ft	to ft

Casing

Placement Method: HALLIBURTON ☑ Drive shoe ☑ Plu

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6 ID	STEEL SCH40/.280	0	270	270
5 ID	PVC SDR17	265	275	10

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)
BENSEAL	0	20	3 BAGS
NEAT CEMENT	20	270	100 BAGS

Well Screen

☑ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
5	0.015	275	296	21	AINLESS STE

Bottom Capped ☑ with STAINLESS STEEL
Packers ☑ kind KPACKER depth 261 ft
Seals ☐ kind depth
Gravel packed ☐ from to ft
type amount

Well Developed

☑ Well Developed

Explain WITH AIR

☐ pumped ☑ airlifted ☐ bailed for 1 hrs at 25 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 275 ft to 296 ft ☐ Seepage Well
Main Water-Supply Zone 2 from ft to ft
Static water level 175 ft (below/above) GL ☐ tape ☐ airline ☐ E-line ☑ estimate
Pump water level 178 ft (below)GL; ☐ tape ☐ airline ☐ E-line ☑ estimate
At yield of 85 GPM ☐ Orifice ☐ Volumetric ☑ Estimate for 1 hours
Measurement taken at 4:00:00 PM Date 12/12/2023

Water quality test?

☐ Date
Tested by

Contractor Name GINGERICH WELL PUMP SERVICE, LLC
Address 1331 HWY 1, KALONA, IA 52247
Driller CORWIN GINGERICH Certification No. 2638

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

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