102073

WELL RECORD FORM

PWSID# *or* PWTS No. 3621401 | PWTS Permit No. 20240518 | GeoSam WNumber *(IGS use only)*

Site Identification

Property owner Fox Lake RV Park LLC Other ID

Address City Hamburg

Tenant

Well depth 66 ft Date completed 9 / 18 / 2024

Location

County Fremont

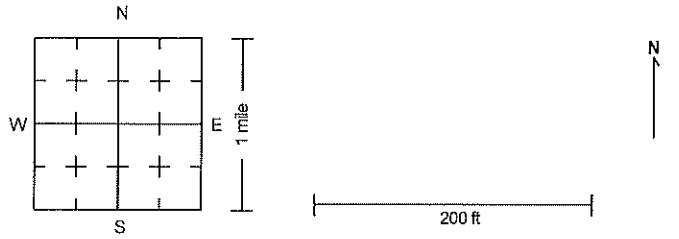
GPS coordinates (NAD83 datum)

40.5975750 Latitude 95.6816250 Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

____ 1/4 of the ____ 1/4 of the ____ 1/4 of Sec ____ TWP ____ RNG ____ E W

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.



Formation Log

From	To	Color	Hardness	Formation description
0	7	Dk. Brn	soft	Silty clay
7	20	Brn	soft	F-M Sand
20	45	Gray	soft	F-M Sand
45	53	Gray	loose	F-Sand - F Gravel w/gray clay
53	60	Gray	soft	F-Sand - F-Gravel
60	70	Gray	soft	M-Sand - C Gravel
				(use additional sheets as needed)

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

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other

Hole size

9.5 inch from 0 ft to 66 ft

____ inch from ____ ft to ____ ft

hole size continued

____ inch from ____ ft to ____ ft

____ inch from ____ ft to ____ ft

Casing, Screen and/or Loop Pipe

Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top(ft)	Depth Bottom(ft)	Perforated	Slotted	Screen
5	PVC- SDR21	+2	56	☐	☐	☐ slot size
5	PVC-V-WIRE	56	66	☐	☐	☑ slot size .040
				☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size
☑ Gravel packed		48	66	amount .22 CU FT variety 8X16		
☐ Seals/packers				type		

☑ Bottom capped with PVC CAP

Casing Grout

Placement method Pressure

Type	Depth Top	Depth Bottom	Amount (vol/wt)
AQUA GUARD-30% solids	4	48	97.88 gal

Pump Installation

Date ___/___/___ Depth to intake ____ ft

Type of pump ____ Rated capacity ____ GPM

Pump diameter ____ in Final Yield ____ GPM

Well Development and Water Information

Date 09 / 30 / 2024

Static Water Level	Pumping Water Level	Yield	Duration
8 ft	12 ft	30 GPM	24.00 hrs

Water level measurement: ☐ Sonic ☐ Tape ☐ Airline ☑ E-line ☐ Estimate

Water yield measurement: ☐ Orifice ☑ Volumetric ☐ Estimate

Main water-supply zone from 56 ft to 66 ft below GL

Well Development

Explain: Air lift

Well Disinfection

System Water Volume ____ gal/ft³ Chemical chlor-safe

Chemical Concentration ____ mg/L Contact Time ____ hrs

Certified Well Driller

Company Rieschick Drilling Compayny

Name Andrew Rieschick Certification no. 13481

Certified Pump Installer

Company ____

Name ____ Certification no. ____

IOWA Iowa Geological Survey

Rev. 2023

See back for submittal information

DNR

DNR Form 542-8170