WELL RECORD FORM

PWSID# or PWTS No. IA7603101 | **PWTS Permit No.** 2023-0466W | **GeoSam WNumber** *(IGS use only)*

Site Identification

Property owner Wells Ag Supply | Other ID 2R

Address 55560 150th Ave. | City Fonda

Tenant none

Well depth 285 ft | Date completed 11 / 15 / 2023

Location

County Pocahontas

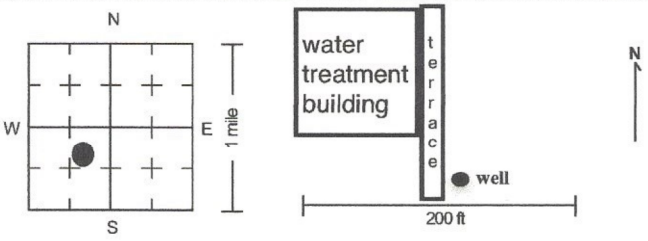
GPS coordinates (NAD83 datum)

42.6793000 Latitude | -94.8085400 Longitude

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

NW 1/4 of the NE 1/4 of the SW 1/4 of Sec 24 TWP 91 RNG 34 (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	2	Black		Topsoil
2	16	Yellow		Clay
16	66	Blue		Sandy Clay
66	92	Multi		Coarse Sand and Gravel
92	170	Blue		Clay
170	180	Yellow		Clay
180	190	Blue		Sandy Clay
190	241	Blue		Shale
241	285	Yellow		Sandstone
				(use additional sheets as needed)

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

97% recovery time was 2 hours

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other ____

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other ____

Hole size

15 inch from 0 ft to 93 ft

12.25 inch from 93 ft to 285 ft

hole size continued

____ inch from ____ ft to ____ ft

____ inch from ____ ft to ____ ft

Casing or Loop Pipe

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

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen
12.75	Steel	20"+	93	☐	☐	☐ slot size ____
8"	PVC/SDR 17	20"+	255	☐	☐	☐ slot size ____
8"	Stainless Steel	255	285	☐	☐	☑ slot size 18
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
☑ Gravel packed		210	285	amount 3500# variety red flint #20		
☑ Seals/packers				type ____		

☑ Bottom capped with Plate bottom

Casing Grout

Placement method TRIMMIE

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Benseal E-Z mud slurry	surface	200	759 gal

Pump Installation

Date ____/____/____

Type of pump ____ Depth to intake ____ ft

Pump diameter ____ in Rated capacity ____ GPM

Water Information

Date 11 / 15 / 2023

Static Water Level	Pumping Water Level	Yield	Duration
72 ft	231 ft	240 GPM	24.00 hrs

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

Water yield measurement: ☑ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 255 ft to 285 ft below GL

Well Development

☑ Physical explain: jetted screen(24hrs) airlifted (24 hrs)pumped (24 hrs)

☑ Chemical explain: 8.5 Gallons Miswaco Ring Free

Contractor

Company Middendorff Well Company

Address Sioux Rapids, IA 50585

Driller Brady Scheiber Certification no. 11512

IGS IIHR Hydroscience & Engineering

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See back for submittal information

DNR Form 542-8170