WELL RECORD FORM

PWTS No. *or* PWS No. _____ PWTS Permit No. _____ GEOSAM Well No. *(IGS use only)* 100698

Site Identification

Property owner Harpers One Stop Other ID _____

Address _____ City Harpersferry

Tenant _____

Well depth 155 ft Date completed 7 / 1 / 2022

Location

County Allamakee

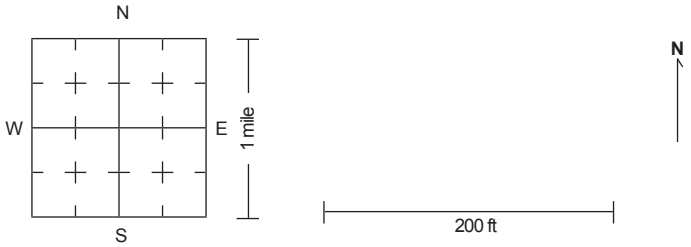
GPS coordinates (NAD83 datum)

_____ Latitude _____ 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	23	Brn	soft	fill/clay
23	58	brn	soft	fine sand
58	98	brn	soft	pea gravel
98	105	blue	med	shale
105	106	gray	hard	lime rock
106	155	ray	med	sand rock
				(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

12.2 inch from 0 ft to 13 ft

6 inch from 123 ft to 155 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
6 5/8	steel	+2	123	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

Casing Grout

Placement method Pump & Tremie

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Bentonite	0	123	
☐ Gravel packed variety _____			
☐ Seals/packers			

Pump Installation

Date ____/____/_____

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date 7 / 1 / 2022

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
18 ft	80 ft	30 GPM	1.00 hrs

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

Water yield measurement: ☐ Orifice ☐ Volumetric ☑ Estimate

Main water-supply zone from 130 ft to 150 ft below GL

Well Development

☑ Physical explain: Air Lift

☐ Chemical explain: _____

Contractor

Company B&B Drilling

Address 2992 Pembroke Ave Fredericksburg IA 50630

Driller Neil Brandenburg Certification no. 1610

IGS IIHR Hydroscience & Engineering

Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: IIHR-IGS-WellRecords@uiowa.edu

Make copies for: **well contractor, customer, and county health department**

The University of Iowa

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