95351

WELL RECORD FORM

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

Site Identification

Property owner Rural Water System #1 Other ID H-2

Address 4438 380th St. City Hospers

Tenant _____

Well depth 74 ft Date completed 5 / 3 / 2021

Location

County Sioux

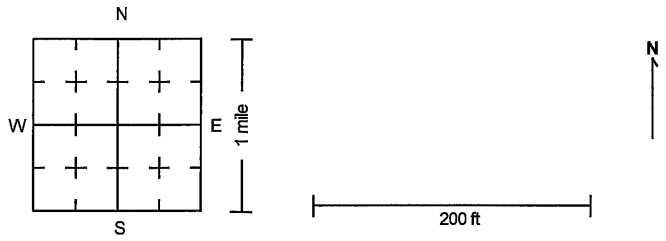
GPS coordinates (NAD83 datum)

43.1387220 Latitude 96.4101670 Longitude

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

____ 1/4 of the ____ 1/4 of the NW 1/4 of Sec 16 TWP 96 RNG 47 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	brown	dense	top soil and clay
7	71	tan	loose	fine, medium, coarse sand and
				fine, medium, coarse gravel
				and rocks
71	80	gray	hard	clay
				(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

72 inch from 0 ft to 74 ft

____ inch from ____ ft to ____ 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
20	Stainless	0	44	☐	☐	☐ slot size _____
20	Stainless	44	74	☐	☑	☑ slot size .100
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
☑ Gravel packed		30	74	amount 24 yds. variety Northern		
☐ Seals/packers				type _____		

☐ Bottom capped with Northern

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Cement Grout	8	26	
Bentonite Seal	26	30	

Pump Installation

Date 6 / 3 / 2021

Type of pump Goulds Depth to intake 52 ft

Pump diameter 10 in Rated capacity 1200 GPM

Water Information

Date 5 / 26 / 2021

Static Water Level	Pumping Water Level	Yield	Duration
29 ft	38 ft	1150 GPM	2.00 hrs

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

Water yield measurement: ☑ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 44 ft to 74 ft below GL

Well Development

☑ Physical explain: Surge blocked and pumped for 6 hours

☐ Chemical explain: _____

Contractor

Company Sargent Drilling

Address 2016 Industrial Park Road, Carroll, IA 51401

Driller Derek Schweitzer Certification no. 8338

IGS IIHR Hydroscience & Engineering The University of Iowa

Mail form to **Iowa Department of Natural Resources**: 502 E. 9th St., Des Moines, IA 50319-0034

Or click here to e-mail form to: well.records@dnr.iowa.gov

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

DNR

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