95374

WELL RECORD FORM

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

Site Identification

Property owner Regional Water RWS | Other ID 1R

Address 108 Highway 59 | City Avoca

Tenant _____

Well depth 32 ft | Date completed 9 / 28 / 2020

Location

County Shelby

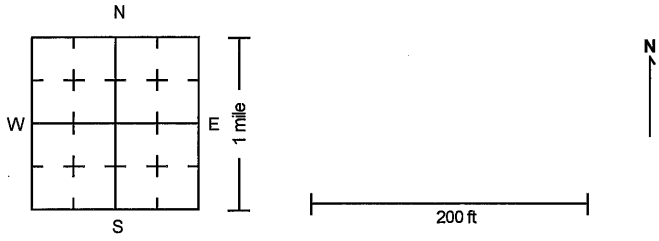
GPS coordinates (NAD83 datum)

41.5088780 Latitude | 95.3402030 Longitude

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

____ 1/4 of the ____ 1/4 of the SW 1/4 of Sec 33 TWP 78 RNG 39 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	8	brown	dense	top soil and brown clay
8	20	tan	loose	fine, medium, coarse sand and
				fine to medium to coarse gravel
20	32	tan	loose	fine, medium, coarse sand and
				fine, medium, coarse gravel
				and rocks
32	40	gray	dense	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

22 inch from 0 ft to 32 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
12	Steel	0	27	☐	☐	☐ slot size _____
12	Stainless	27	32	☐	☑	☑ slot size .070
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
☑ Gravel packed		26	32	amount 1 SS variety Northern		
☐ Seals/packers				type _____		

☐ Bottom capped with Northern

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Cement Grout	0	25	
Bentonite Seal	25	26	

Pump Installation

Date 6 / 4 / 2021

Type of pump Grundfos | Depth to intake 39 ft

Pump diameter 4 in | Rated capacity 62 GPM

Water Information

Date ____/____/____

Static Water Level	Pumping Water Level	Yield	Duration
22 ft	27 ft	52 GPM	30.00 hrs

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

Water yield measurement: ☑ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 27 ft to 32 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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