94875

WELL RECORD FORM

PWSID# or PWTS No. IA1700854 | PWTS Permit No. 2021-0107W | GeoSam WNumber (IGS use only) W2021-0138

Site Identification

Property owner Four Oaks | Other ID

Address 980 S Monroe/Iowa Ave | City Mason City

Tenant

Well depth 280 ft | Date completed 12/22/2020

Location

County Cerro Gordo

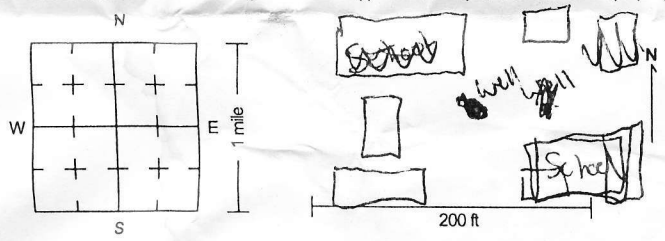
GPS coordinates (NAD83 datum)

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	25	Blk Brown	Soft	Topsoil/clay
25	17	Brown	Soft	clay
17	38	Gray	Soft	Till with Sand Seams
38	63	Blue	Med.	Shale
63	75	TAN	HARD	Limestone
75	78	Brown	HARD	Limestone
78	92	Gray	HARD	Limestone
92	94	Brown	HARD	Limestone
94	120	TAN	HARD	Limestone
120	124	White	Med	Limestone/Some shale
124	183	White TAN	HARD	Limestone
183	185	Brown	Med	Limestone/Small Crevice
185	280	Brown	HARD	Limestone
				more Brown@250-280
				(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

10 inch from 0 ft to 163 ft

6 inch from 163 ft to 280 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"	SDR17 PVC	+2	163	☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
☐ Gravel packed				amount ____ variety ____		
☒ Seals/packers		161	162	type Shale Trap		

☐ Bottom capped with

Casing Grout

Placement method

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Bensen Bentonite	0	163	18 Sacks

Pump Installation

Date ___/___/___

Type of pump | Depth to intake ____ ft

Pump diameter ____ in | Rated capacity ____ GPM

Water Information

Date ___/___/___

Static Water Level	Pumping Water Level	Yield	Duration
52 ft	120 ft	45 GPM	1 hrs

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

Water yield measurement: ☐ Orifice ☒ Volumetric ☐ Estimate

Main water-supply zone from 240 ft to 280 ft below GL

Well Development

☒ Physical explain: Air Lift with Drill

☐ Chemical explain:

Contractor

Company LARSON Well Company LLC

Address PO Box 388 Roland IA 50236

Driller | Certification no. 8416

IGS | IHR 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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