102022

WELL RECORD FORM

PWSID# *or* PWTS No. 4349094 | PWTS Permit No. 20220300 | GeoSam WNumber *(IGS use only)*

Site Identification

Property owner City of Mondamin | Other ID North

Address 120 South Main St | City Mondamin

Tenant

Well depth 80 ft | Date completed 5 / 18 / 2023

Location

County Harrison

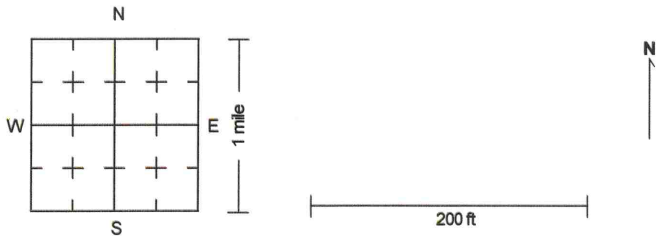
GPS coordinates (NAD83 datum)

41.7135833 Latitude | 96.0166888 Longitude

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

____ 1/4 of the ____ 1/4 of the NE 1/4 of Sec 30 TWP 80 RNG 44 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	12	Brown		Top soil and brown clay
12	27	Gray		Clay
27	49			Fine pepper sand
49	60			Fine, medium to coarse sand
				and some fine gravel
60	72			Fine pepper sand with clay strip
72	80			Fine, medium to coarse sand
				and fine gravel
80	81			Limestone
				(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

18 inch from 0 ft to 80 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
10	SDR 17	0	68	☐	☐	☐ slot size ____
10	Johnson SS	68	78	☐	☑	☐ slot size .100
10	Johnson SS	78	80	☐	☑	☐ slot size .015
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
☑ Gravel packed		63	80	amount 4 YDS	variety #4	
☐ Seals/packers				type ____		
☑ Bottom capped		with SS				

Casing Grout

Placement method ____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Concrete	0	17	3 yds
Bentonite Steal	17	63	4 bags

Pump Installation

Date 4 / 25 / 24

Type of pump Grundfos | Depth to intake 70 ft

Pump diameter 4 in | Rated capacity 150 GPM

Water Information

Date 12 / 10 / 24

Static Water Level	Pumping Water Level	Yield	Duration
14 ft	19 ft	110 GPM	4.00 hrs

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

Water yield measurement: ☑ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 68 ft to 80 ft below GL

Well Development

☑ Physical explain: Double disk surge block piping

☐ 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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