96374

WELL RECORD FORM

PWSID# or PWTS No. 2223923 | PWTS Permit No. _____ | GeoSam WNumber (IGS use only) _____

Site Identification

Property owner Woodbine Golf Course Other ID _____

Address _____ City Woodbine

Tenant _____

Well depth 157 ft Date completed 7/15/22

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

12 inch from 0 ft to 20 ft

8 inch from 20 ft to 157 ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Harrison

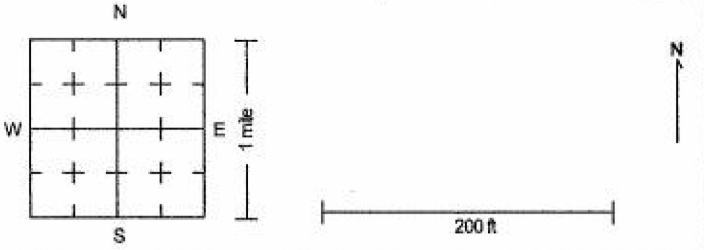
GPS coordinates (NAD83 datum)

_____ 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.



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
5½"	SDR 17 Casing	1½	146	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
	Screen			☐	☐	☐ slot size _____
5"	Hop Johnson	147	157	☐	☐	☐ slot size .025
				☐	☐	☐ slot size _____
☑ Gravel packed				1200 amount lbs		variety 47-B
☐ Seals/packers				type _____		

☐ Bottom capped with _____

Formation Log

From	To	Color	Hardness	Formation description
0	20	brown		top soil
21	85	brown	med	light clay
86	91	gray	course	wtd sand & gravel
92	129	gray		blue clay
130	157			sand

(use additional sheets as needed)

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Bentonite	5'	130	400 lbs

Pump Installation

Date 7/27/22

Type of pump submersible Depth to intake 140 ft

Pump diameter 4" in Rated capacity 60 GPM

Water Information

Date 7/27/22

Static Water Level	Pumping Water Level	Yield	Duration
140 ft	145 ft	60 GPM	- hrs

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

Water yield measurement: ☐ Orifice ☐ Volumetric ☑ Estimate

Main water-supply zone from 130 ft to 157 ft below GL

Well Development

☑ Physical explain: pumped & bailed

☐ Chemical explain: _____

Remarks

(Including depth of lost drilling fluids, materials, or tools)

Contractor

Company Miller Well

Address W Woodbine, Ia

Driller R Miller Certification no. 7276

Well Use

☐ Domestic ☐ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other _____

IGS IHR Hydroscience & Engineering

See back for submittal information

DNR DNR Form 542-8170