WELL RECORD FORM

PWTS No. *or* PWS No. _____ PWTS Permit No. _____ GEOSAM Well No. *(IGS use only)* 83487

Site Identification

Property owner Osceola County RWS Other ID DT11/ #D6

Address 2270 Walnut Ave. City May City

Tenant _____

Well depth 57 ft Date completed 9 / 14 / 2016

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

26 inch from 0 ft to 57 ft

____ inch from ____ ft to ____ ft

hole size continued

____ inch from ____ ft to ____ ft

____ inch from ____ ft to ____ ft

Location

County Osceola

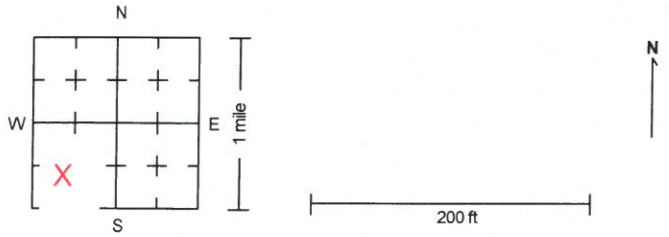
GPS coordinates (NAD83 datum)

43.3156670 Latitude 95.4818890 Longitude

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

____ 1/4 of the ____ 1/4 of the SW 1/4 of Sec 8 TWP 98 RNG 39 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
12	Steel	0	40	☐	☐	☐ slot size ____
12	Stainless V-Wire	40	57	☐	☑	☑ slot size .100
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Neat Cement Grout	0	25	
Bentonite Seal	25	30	
☑ Gravel packed variety Chlorina	30	57	
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	4	brown	loose	Top soil
4	57	tan	loose	Fine, medium and coarse sand
				and fine, medium and coarse
				gravel and rocks
57	60	gray	dense	Gray clay
				(use additional sheets as needed)

Pump Installation

Date ____/____/____

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date ____/____/____

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
____ ft	____ ft	____ GPM	____ hrs

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

Water yield measurement: ☐ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from _____ ft to _____ ft below GL

Remarks (including depth of lost drilling fluids, materials, or tools)

Well Development

☑ Physical explain: Double disc surge block

☑ Chemical explain: Aqua Clear PFD

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

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

Contractor

Company Sargent Drilling

Address PO Box 364, Carroll, IA 51401

Driller Derek Schweitzer Certification no. 8338

IGS IIHR Hydroscience & Engineering

Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: IIHR-IGS-WellRecords@uiowa.edu

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

10-19-2016

Rev. 2015 THE UNIVERSITY OF IOWA

DNR Form 542-8170