WELL RECORD FORM

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

Site Identification

Property owner _____ Other ID _____

Address _____ City Atlantic, Ia.

Tenant _____

Well depth 81 ft Date completed 8/30/18

Drill Method

☐ Rotary ☐ Auger ☐ Cable ☐ Other Air Rotary

Hole size

13 3/4 inch from 0 ft to 50 ft

12 1/4 inch from 50 ft to 85 ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Cass

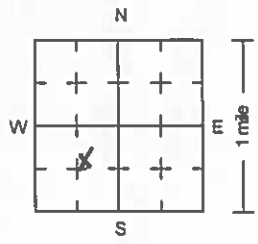
GPS coordinates (NAD83 datum)

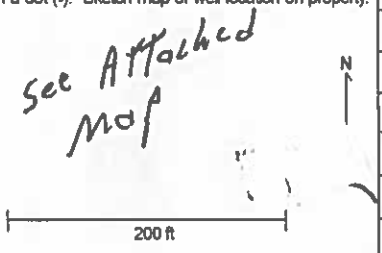
N 41° 24' 27" Latitude W 94° 59' 53' Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☒ Degrees, Minutes, Seconds

SW 1/4 of the NE 1/4 of the SW 1/4 of Sec 4 TWP 76N RNG 36 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
8	Stainless steel	80	81	☐	☐	☐ slot size Sump stainless
8	Stainless steel	80	50	☐	☒	☐ slot size .020 stainless
8	Stainless steel	50	+2	☐	☐	☐ slot size Stainless Riser
				☐	☐	☐ slot size
				☐	☐	☐ slot size
☒ Gravel packed		46.7	85	amount 2,000 lbs variety #20 12-20 Filmore Sand		
☒ Seals/packers		43.7	46.7	type Hole Plug 3/8		

☒ Bottom capped with welded in 1' sump

Formation Log

From	To	Color	Hardness	Formation description
0	2	Black	soft	Topsoil
2	15	Brown	soft	clay
15	42	Gray	soft	F to M sand
42	85	Tan	med	Sandstone (Bed rock)

(use additional sheets as needed)

Casing Grout

Placement method Tremie

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Cement-Bent	4	43.7	200 gal

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
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

Well Development

☐ Physical explain: _____

☐ Chemical explain: _____

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

EW-2

Well Use

☐ Domestic ☐ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☒ Other Extraction

Contractor

Company Cascade Drilling

Address 301 Alderson St Schofield, WI 54476

Driller Paul Dickeinsen Certification no. 9361

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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