

WELL RECORD FORM

89683

PWSID# or PWTS No. \_\_\_\_\_

PWTS Permit No. \_\_\_\_\_

GeoSem WNumber (IGS use only) \_\_\_\_\_

Site Identification

Property owner \_\_\_\_\_ Other ID \_\_\_\_\_  
 Address \_\_\_\_\_ City Atlantic, Ia.  
 Tenant \_\_\_\_\_  
 Well depth 81 ft Date completed 9/1/18

Drill Method  Rotary  Auger  Cable  Other Air Rotary

Hole size 13 3/8 inch from 0 ft to 38 ft hole size continued \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
12 1/4 inch from 38 ft to 85 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Location

County Cass

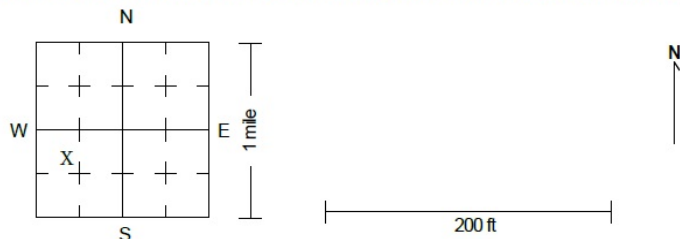
GPS coordinates (NAD83 datum)

41.4078472 Latitude -94.9989667 Longitude

Decimal Degrees  Degrees, Decimal Minutes  Degrees, Minutes, Seconds

SE 1/4 of the NW 1/4 of the SW 1/4 of Sec 4 TWP 76 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	40	81	<input type="checkbox"/>	<input type="checkbox"/>	slot size <u>1" sump</u>
8	stainless steel	50	80	<input type="checkbox"/>	<input checked="" type="checkbox"/>	slot size <u>.020 screen</u>
8	stainless steel	72	50	<input type="checkbox"/>	<input type="checkbox"/>	slot size <u>Riser</u>
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	slot size _____

Gravel packed 46.9 85 amount \_\_\_\_\_ variety 12-20 Pioneer Sands  
 Seals/packers 42.9 46.8 type 3/8 Hole Plug  
 Bottom capped with welded on 1st sump

Formation Log

From	To	Color	Hardness	Formation description
0	2	Black	Soft	topsoil
2	14	Gray	Soft	Clay
14	32	Brown	Soft	Fluvial sand
32	85	Tan	med.	Sandstone (Bedrock)

Casing Grout

Placement method \_\_\_\_\_

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Cement-Bent	4	42.9	700 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-1

Well Use

Domestic  Public supply  Livestock  
 Heat pump  Commercial  Irrigation  
 # of borehole(s) \_\_\_\_\_  Monitoring  Other Extraction

Contractor

Company Cascade Drilling  
 Address 301 Alderson St Schiefel, NE 54476  
 Driller Paul Dickinson Certification no. 9361



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](mailto:well.records@dnr.iowa.gov)

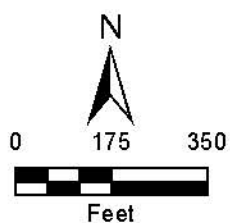
Make copies for well contractor, customer, and county health department



DNR Form 542-8170



- Legend**
-  Active public water supply well
  -  Extraction well location
  -  Former public water supply well (not abandoned)
  -  Monitoring well location
  -  Air stripper location



PCE Former Dry Cleaner Site  
Atlantic, Iowa

**Figure 2**  
Well Locations



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Source: ESRI, ArcGIS Online, World Imagery (Clarity), 2013; HSIP Gold, 2007

Date: 11/2/2018 Drawn By: Nick Wiede-riott Project No: X9025.16.01.48.000