

WELL RECORD FORM

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

Site Identification
 Property owner Iowa Lakes Regional Water Other ID Well #11
 Address PO Box 555 City Spencer
 Tenant _____
 Well depth 43 ft Date completed 7 / 11 / 2017

Drill Method Rotary Auger Cable Other _____
Hole size
24 inch from 0 ft to 43 ft _____ inch from _____ ft to _____ ft
 _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft

Location County Clay
 GPS coordinates (NAD83 datum)
43.2183420 Latitude 95.2711280 Longitude
 Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds
NE 1/4 of the SE 1/4 of the 13 TWP 97 RNG 38 ^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	31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
12	Stainless Steel	31	43	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> slot size <u>.100</u>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

Gravel packed 26 43 amount 17' variety Northern
 Seals/packers _____ type _____
 Bottom capped with Northern

Formation Log

From	To	Color	Hardness	Formation description
0	5	brown	dense	Top soil and brown clay
5	20	brown	dense	Loose sand and gravel, fine medium, coarse sand and fine gravel with some medium gravel and clay strips
20	40	brown	dense	Fine, medium, coarse sand and fine, medium, coarse gravel
40	44	brown	dense	Fine, medium, coarse sand and fine, medium, coarse gravel and rocks
44	60	gray	dense	Clay

(use additional sheets as needed)

Casing Grout Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Top soil and bentonite mix	0	4	
Cement grout	4	25	
Bentonite seal	25	26	

Pump Installation Date _____ / _____ / _____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information Date 1 / 11 / 2017

Static Water Level	Pumping Water Level	Yield	Duration
<u>8</u> ft	<u>16</u> ft	<u>800</u> GPM	<u>6.00</u> hrs

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water-supply zone from 31 ft to 43 ft below GL.

Well Development
 Physical explain: Surge blocked and pumped for 6 hours
 Chemical explain: _____

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

Contractor
 Company Sargent Drilling
 Address 2016 Industrial Park Road, Carroll, IA 51401
 Driller Derek Schweitzer Certification no. 8338

Well Use
 Domestic Public supply Livestock
 Heat pump Commercial Irrigation
 # of borehole(s) _____ Monitoring Other _____