WELL RECORD FORM

PWTS No. *or* PWS No. 2189399 | PWTS Permit No. 47378 | GEOSAM Well No. *(IGS use only)* 83580

Site Identification

Property owner John & Marnie Killip Other ID

Address 6901 NE 8th Ct City Ankeny 50023

Tenant

Well depth 170 ft Date completed 7 / 12 / 2016

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other

Hole size

10 inch from 0 ft to 164 ft

7.4 inch from 164 ft to 165 ft

hole size continued

6 inch from 165 ft to 170 ft

inch from ft to ft

Location

County

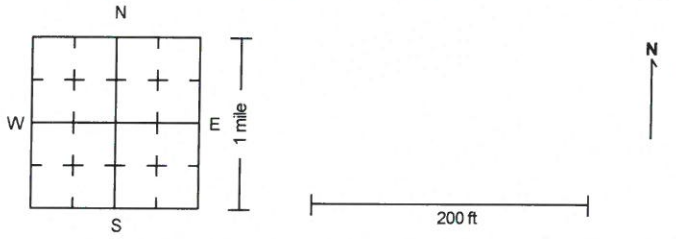
GPS coordinates (NAD83 datum)

43.1140289 Latitude -94.2191920 Longitude

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

1/4 of the 1/4 of the 1/4 of Sec 24 TWP 96 RNG 29 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
6	pvc	+1	165	☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size

Casing Grout

Placement method tremie

Type	Depth Top	Depth Bottom	Amount (vol/wt)
bentonite	0	165	19 bags
☐ Gravel packed variety			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	2	blk	m	top soil
2	9	yel	m	clay
9	135	gray	m	clay
135	155	red	m-h	clay
155	170	white	h	limestone
				(use additional sheets as needed)

Pump Installation

Date / /

Type of pump submersible Depth to intake 140 ft

Pump diameter 3 in Rated capacity 20 GPM

Water Information

Date / /

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
103 ft	118 ft	25 GPM	4.00 hrs

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

Water yield measurement: ☑ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 166 ft to 170 ft below GL

Well Development

☑ Physical explain: airlift

☑ Chemical explain: hth

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

Well Use

☐ Domestic ☐ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other

Contractor

Company elbert bros well drilling inc

Address 405 7th st

Driller rick elbert Certification no. 2335

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**

The University of Iowa

10-26-2016

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