WELL RECORD FORM

PWTS No. or PWS No. 8264446 | PWTS Permit No. 2016256 | GEOSAM Well No. (IGS use only) 83233

Site Identification

Property owner Girl Scouts of Eastern Iowa | Other ID Well#6

Address 4415 295th St | City New Liberty

Tenant Camp Liberty

Well depth 270 ft | Date completed 4 / 15 / 2016

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other

Hole size

12 3/4 inch from 0 ft to 80 ft

5 7/8 inch from 80 ft to 270 ft

hole size continued

____ inch from ____ ft to ____ ft

____ inch from ____ ft to ____ ft

Location

County Scott

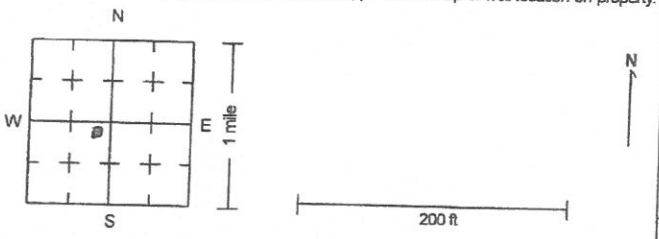
GPS coordinates (NAD83 datum)

41.7274340 Latitude | -90.8146800 Longitude

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

____ 1/4 of the SW 1/4 of the SE 1/4 of Sec 14 TWP 80 RNG 1E 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, sdr21	+1	80	☐	☐	☐ slot size ____
4 1/2	PVC, sdr21	70	160	☐	☐	☐ slot size ____
4 1/2	PVC, sdr21	160	270	☐	☑	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____

Casing Grout

Placement method haliburton

Type	Depth Top	Depth Bottom	Amount (vol/wt)
benseal	0	80	21 bags
☐ Gravel packed variety ____			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	12	brown		silt
12	68	gray		clay
68	110	yel		limestone
110	210			shaley limestone
210	270	brown	broken	limestone

(use additional sheets as needed)

Pump Installation

Date 4 / 22 / 2016

Type of pump submersible | Depth to intake 140 ft

Pump diameter 4 in | Rated capacity 65 GPM

Water Information

Date 4 / 27 / 2016

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
78 ft	94 ft	75 GPM	10.00 hrs

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

Water yield measurement: ☐ Orifice ☑ Volumetric ☐ Estimate

Main water-supply zone from 210 ft to 270 ft below GL

Well Development

☑ Physical explain: 150gpm @ 270' for 1hr air lift

☐ Chemical explain: ____

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

Contractor

Company Latta Well & Pump Corp

Address 1051 Taylor Ave, Wilton IA 52778

Driller Austen Stoll | Certification no. 9987

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

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

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

09/20/2016

Rev. 2014