86848

WELL RECORD FORM

PWTS No. or PWS No. 3102001 | PWTS Permit No. 20170177 | GEOSAM Well No. (IGS use only) _____

Site Identification

Property owner: City of Asbury Other ID: _____

Address: 5290 Grand Meadow Drive, Suite 1 City: Asbury

Tenant: _____

Well depth: 900 ft Date completed: 10 / 4 / 17

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

24 inch	from 0 ft	to 34 ft		17 inch	from 320 ft	to 480 ft	
21 inch	from 34 ft	to 320 ft		13 inch	from 480 ft	to 900 ft	

Location

County: Dubuque

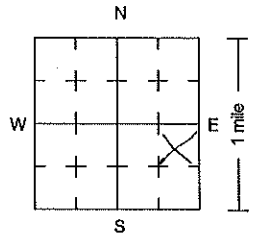
GPS coordinates (NAD83 datum)

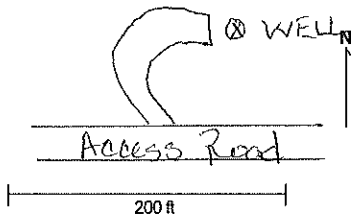
43 31' 9.61" N Latitude 90.45' 45.38" W Longitude

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

____ 1/4 of the NE 1/4 of the SE 1/4 of Sec 18 TWP 89 RNG 2 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
18	Steel	0	320	☐	☐	☐ slot size ____
14	Steel	0	480	☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____
				☐	☐	☐ slot size ____

Casing Grout

Placement method: Tremie

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Neat Cement Grout	0	320	280 Bags
Neat Cement Grout	0	480	330 Bags
☐ Gravel packed variety ____			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	4			Clay
4	18			Clay w/ Gravel
18	33			Broken Limestone
33	355			Limestone
355	410			Sandstone
410	700			Limestone
700	800			Limestone w/ Sandstone Layers
800	900			Limestone
				(use additional sheets as needed)

Pump Installation

Date ___/___/___

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date ___/___/___

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
258 ft	276 ft	500 GPM	24.00 hrs

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

Water yield measurement: ☐ Orifice ☐ Volumetric ☐ Estimate

Main water-supply zone from 355 ft to 410 ft below GL

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

Well Development

☑ Physical explain: Air Development

☐ Chemical explain: _____

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

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

Contractor

Company: Sam's Well Drilling

Address: PO Box 150, Randolph, WI 53956

Driller: Keith Heinzeroth Certification no. 6981

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

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