

WELL RECORD FORM

94985

PWTS No. or PWS No. IA8245202

PWTS Permit No. 2021-0106W

GEOSAM Well No. (IGS use only)

**Site Identification**

Property owner Olathea Creek Vineyard & Winery Other ID \_\_\_\_\_  
 Address 23250 Great River Rd City LeClaire  
 Tenant \_\_\_\_\_  
 Well depth 308 ft Date completed 12 / 29 / 20

**Drill Method**  Rotary  Auger  Cable  Other \_\_\_\_\_

**Hole size**  
 11 inch from 0 ft to 140 ft  
 5 7/8 inch from 140 ft to 308 ft

hole size continued  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Location**

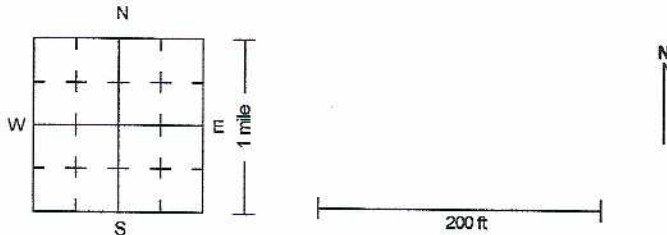
County Scott

GPS coordinates (NAD83 datum)  
41.6460360 Latitude 90.3502500 Longitude

Decimal Degrees  Degrees, Decimal Minutes  Degrees, Minutes, Seconds

1/4 of the \_\_\_\_\_ 1/4 of the SW 1/4 of Sec 14 TWP 79 RNG 5 <sup>E</sup> <sub>W</sub>

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	140	<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 _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

**Casing Grout**

Placement method haliburton

Type	Depth Top	Depth Bottom	Amount (vol/wt)
bentonite	0	140	12 bags

**Formation Log**

From	To	Color	Hardness	Formation description
0	45	brown		clay
45	100	gray		clay
100	115	red	coarse	sand and gravel
115	270	brown		limestone
270	308	tan		limestone

Gravel packed variety \_\_\_\_\_  
 Seals/packers

**Pump Installation**

Date 1 / 4 / 21

Type of pump submersible Depth to intake 120 ft  
 Pump diameter 4 in Rated capacity 35 GPM

**Water Information**

Date 12 / 29 / 20

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
<u>42</u> ft	<u>100</u> ft	<u>35</u> GPM	<u>1.00</u> hrs

Water level measurement:  Sonic  Tape  Airline  E-line  Estimate

Water yield measurement:  Orifice  Volumetric  Estimate

Main water-supply zone from 270 ft to 308 ft below GL

**Well Development**

Physical explain: 35gpm @ 100' for 1 hr

Chemical explain: \_\_\_\_\_

**Contractor**

Company Latta Well & Pump

Address 1051 Taylor Ave, Wilton IA 52778

Driller Matt White Certification no. 5799

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 \_\_\_\_\_



Mail form to Iowa Geological Survey: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: [IHR-IGS-WellRecords@uiowa.edu](mailto:IHR-IGS-WellRecords@uiowa.edu)

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

