

PWSID# or PWTS No. <u># 2</u>		PWTS Permit No. <u>2021-0304</u>		GeoSam WNumber: <u>GS use only</u>																																																																																																											
Site Identification Property owner <u>Town of Rodman</u> Other ID _____ Address _____ City <u>Rodman</u> Tenant _____ Well depth <u>478</u> ft Date completed <u>4 / 8 / 2021</u>				Drill Method ☒ Rotary ☐ Auger ☐ Cable ☐ Other _____																																																																																																											
Location County <u>Palo Alto</u> GPS coordinates (NAD83 datum) <u>43.025908</u> Latitude <u>-94.526298</u> Longitude _____ ☒ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds <u>nw</u> 1/4 of the <u>se</u> 1/4 of the <u>se</u> 1/4 of Sec <u>20</u> TWP <u>95</u> RNG <u>31</u> E W Show exact location of well in section grid with a dot (•). Sketch map of well location on property.				Hole size 10.7 inch from <u>0</u> ft to <u>271</u> ft 5.85 inch from <u>272</u> ft to <u>478</u> ft 7.3 inch from <u>271</u> ft to <u>272</u> ft _____ inch from _____ ft to _____ ft																																																																																																											
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Remarks (including depth of lost drilling fluids, materials, or tools)				Pump Installation Date <u>4 / 14 / 2021</u> Type of pump <u>Submersible</u> Depth to intake <u>100</u> ft Pump diameter <u>3 3/4</u> in Rated capacity <u>65</u> GPM																																																																																																											
Well Use ☐ Domestic ☒ Public supply ☐ Livestock ☐ Heat pump ☐ Commercial ☐ Irrigation # of borehole(s) _____ ☐ Monitoring ☐ Other _____				Water Information Date <u>4 / 14 / 2021</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Static Water Level</th> <th>Pumping Water Level</th> <th>Yield</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td><u>32</u> ft</td> <td><u>71</u> ft</td> <td><u>100</u> GPM</td> <td><u>6.00</u> hrs</td> </tr> </tbody> </table>		Static Water Level	Pumping Water Level	Yield	Duration	<u>32</u> ft	<u>71</u> ft	<u>100</u> GPM	<u>6.00</u> hrs																																																																																																		
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Well Development ☒ Physical explain: <u>surge block /airlift</u> ☒ Chemical explain: <u>hth</u>				Contractor Company <u>elbert Bros well drilling inc</u> Address <u>405 7th st whittemore, iowa</u> Driller <u>rick elbert</u> Certification no. <u>2335</u>																																																																																																											



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Site Identification

Property owner Town of Rodman Other ID _____
Address _____ City _____
Tenant _____
Well depth _____ ft Date completed ____/____/____

Location

County _____
GPS coordinates (NAD83 datum)
_____ Latitude _____ Longitude _____
☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds E
_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ W
Show exact location of well in section grid with a dot (+). Sketch map of well location on property.

N ↑

W ← → E

S ↓

1 mile

200 ft

Formation Log

From	To	Color	Hardness	Formation description
272	295	white	m/h	limestone
295	343	brown	h	limestone
343	344	green	h	shale
344	348	dark gra	h	shale
348	363	brown	h	limestone
363	366	green	m	shale
366	400	dark gra	h	shale
400	419	brown	h	limestone
419	478	white	h	limestone
				(use additional sheets as needed)

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 _____

Drill Method

☐ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

_____ inch from _____ 0 _____ ft to _____ ft _____ inch from _____ ft to _____ ft	hole size continued _____ inch from _____ ft to _____ ft _____ inch from _____ ft to _____ ft
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Casing or Loop Pipe

Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Pierced	Slotted	Screen
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

☐ Gravel packed amount _____ variety _____
☐ Seals/packers type _____
☐ Bottom capped with _____

Casing Grout

Type	Placement method	Depth Top	Depth Bottom	Amount (vol/wt)

Pump Installation

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

Water Information

Date ____/____/____

Static Water Level	Pumping Water Level	Yield	Duration
_____ ft	_____ ft	_____ GPM	_____ hrs

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

Well Development

☐ Physical explain: _____
☐ Chemical explain: _____

Contractor

Company _____
Address _____
Driller _____ Certification no. _____