WELL RECORD FORM

PWTS No. *or* PWS No. 50411 | **PWTS Permit No.** 50411 | **GEOSAM Well No.** *(IGS use only)* 86947

Site Identification

Property owner Chad Tentinger Other ID _____

Address 4748 F Avenue City Marcus

Tenant _____

Well depth 570 ft Date completed 10 / 13 / 17

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

10 inch from 0 ft to 550 ft

6 inch from 550 ft to 570 ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Cherokee

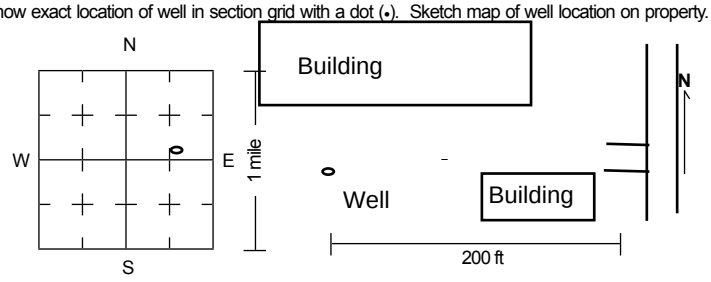
GPS coordinates (NAD83 datum)

42.8304400 Latitude -95.7616200 Longitude

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

SW 1/4 of the SE 1/4 of the NE 1/4 of Sec 35 TWP 93 RNG 42 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	18#	178	☐	☐	☐ slot size _____
61/4	PVC Sdr17	178	550	☐	☐	☐ slot size _____
4	PVC 40	530	550	☐	☐	☐ slot size _____
5T	SS Screen	550	570	☐	☐	☑ slot size 15
				☐	☐	☐ slot size _____

Casing Grout

Placement method Trimme

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Benseal	Surface	200	600gal
☑ Gravel packed variety Sille	530	570	325lb
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	2			topsoil
2	85	yellow		clay
85	175	blue		clay
175	178		hard	rock
178	360	blue		shale
360	390	blue		sand and shale
390	420			bad looking sand
420	470	red/white		shale
470	490	white		sand and shale
490	500	grey		sandstone
500	550	white		fine sandstone
550	570	white		course sandstone
				(use additional sheets as needed)

Pump Installation

Date ____/____/_____

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date 10 / 13 / 17

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
278 ft	284 ft	40 GPM	3.00 hrs

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

Water yield measurement: ☐ Orifice ☐ Volumetric ☑ Estimate

Main water-supply zone from 550 ft to 570 ft below GL

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

Well Development

☑ Physical explain: Airlift and pump

☐ Chemical explain: _____

Well Use

☐ Domestic ☐ Public supply ☑ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

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

Contractor

Company Wernimont Well, LLC

Address 712 Blake Street, Sioux Rapids, IA 50585

Driller Gary Wernimont Certification no. 6669

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

Rev. 2014