WELL RECORD FORM

PWTS No. *or* PWS No. _____ PWTS Permit No. _____ GEOSAM Well No. *(IGS use only)* 86067

Site Identification

Property owner City of Goldfield Other ID _____

Address 423 N Main City Goldfield

Tenant _____

Well depth 377 ft Date completed 5 / 11 / 17

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

17.5 inch from 0 ft to 189 ft

11.7 inch from 189 ft to 377 ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Wright

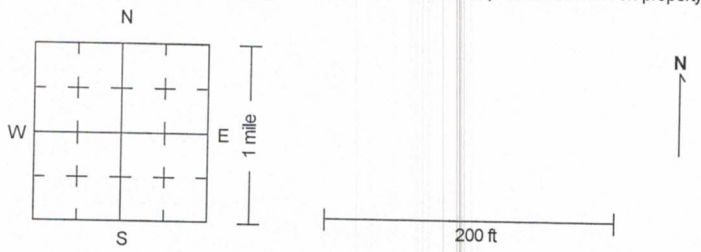
GPS coordinates (NAD83 datum)

42446.5000000 Latitude 935517.6000000 Longitude

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

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ 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
12"	Steel		189	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Neat Cement	0	189	5 Yards
☐ Gravel packed variety _____			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	4	Black	M	Top Soil
4	30	Yellow	M	Clay & Rock
30	58	Blue	M	Clay
58	65	Blue	M-H	Sandy Clay
65	80	Blue	S-M	Sand 40-100 SLT
80	117	Blue	M-H	Clay-Rock
117	143	Blue	M-H	Sand-Pearock
143	145	White	H	Limestone
145	161	Multi	M	Sand
161	182	Blue	M	Clay
182	189	White	H	Limestone
189	350	Brown	H	Limestone
350	377	Lgt Tan	H	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
22 ft	120 ft	225 GPM	24.00 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: Blow with air

☐ Chemical explain: _____

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 _____

Contractor

Company Steffl Drilling & Pump

Address 2295 66th Ave NE, Willmar, MN 56201

Driller Kris VanHeuveln Certification no. _____

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

The University of Iowa