WELL RECORD FORM

PWSID# *or* PWTS No. _____ PWTS Permit No. _____ GeoSam WNumber *(IGS use only)* 77796

Site Identification

Property owner City of Livermore Other ID _____

Address 501 4th St City Livermore

Tenant City of Livermore

Well depth 455 ft Date completed 9 / 20 / 2017

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

12 3/4 inch from 0 ft to 115 ft

7 7/8 inch from 115 ft to 140 ft

hole size continued

5 7/8 inch from 140 ft to 455 ft

_____ inch from _____ ft to _____ ft

Location

County Humbolt

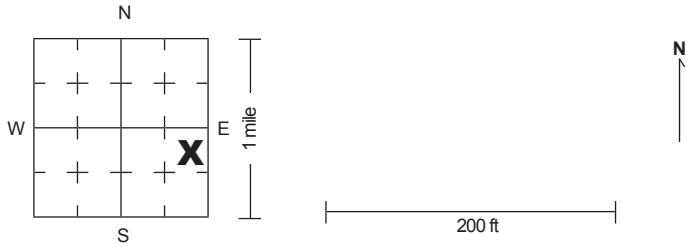
GPS coordinates (NAD83 datum)

42.8681106 Latitude -94.1854757 Longitude

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

SW 1/4 of the NW 1/4 of the SE 1/4 of Sec 17 TWP 93 RNG 28 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
8"	Steel	+2'	115'	☐	☐	☐ slot size _____
7"	Steel	85'	140'	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

☐ Gravel packed amount _____ variety _____

☐ Seals/packers type _____

☐ Bottom capped with _____

Formation Log

From	To	Color	Hardness	Formation description
340	355	Tan/Grey	M	Limestone
355	360	Tan/Grey	M	Limestone
360	365	Tan	M	Limestone
365	375	Tan/Grey	M	Limestone
375	390	Drk Grey	M	Limestone
390	395	Brn	M	Limestone
395	400	Tan	M	Limestone
400	415	Grey	M	Limestone
415	435	Light Grey	M	Limestone
435	440	Light Grey	S	Limestone & Hard Shale
440	445	Light Grey	M	Limestone
445	450	Grey/Brown	M	Limestone
450	455	Grey	M	Limestone
				(use additional sheets as needed)

Casing Grout

Placement method _____

Type	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
44 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 140 ft to 455 ft below GL

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

Well Development

☑ Physical explain: Airlifted at 140' - 172 gpm

☐ Chemical explain: _____

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

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

Contractor

Company Beemer Companies

Address 1988 135th St, Fairmont, MN 56031

Driller Guy Beemer Certification no. 7278

IGS IIHR Hydroscience & Engineering

Mail form to **Iowa Department of Natural Resources**: 502 E. 9th St., Des Moines, IA 50319-0034

Or click here to e-mail form to: well.records@dnr.iowa.gov

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

DNR