95077

WELL RECORD

Iowa Department of Natural Resources – Geological Survey
109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

PWTS Well No. IA6525101

PWTS Permit No. 2020-0506 W

County Permit No. 2020-0506 W

Site identification

Property Owner LOSI Other ID

Address 19251 Bunge Ave

Tenant Council Bluffs IA 51503

Well Depth 80 ft Date completed 8/31/20

Location

County Mills

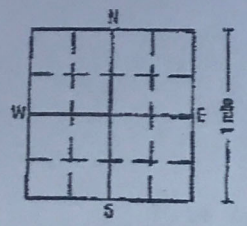
___ mi. N/S and ___ mi. E/W of intersection of ___ and ___

___ 1/4 of the ___ 1/4 of the ___ 1/4 of Sec ___ TWP ___ RNG ___ E/W

GPS Coordinates (NAD83 datum only) decimal degrees:

___ N. Latitude ___ W. Longitude

Show exact location of well in section grid with a dot (•). Sketch map of well location on property



☐ upland ☐ hillside ☐ valley ☐ land surface Elevation (if known) ___

Formation log

From	To	Color	Hardness	Formation description
0	22			clay
22	40			fine sand
40	50			medium fine sand
50	80			fine sand

(use additional sheets as needed)

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

Well use

☐ Domestic ☐ Livestock ☐ Test well ☐ Heat pump ☐ Municipal ☒ Public supply ☐ Irrigation ☐ Commercial ☐ Monitoring ☐ Other ___

Drill method

☒ rotary ☐ auger ☐ cable other ___

Hole size

10 inch from 0 ft to 80 ft

___ inch from ___ ft to ___ ft

___ inch from ___ ft to ___ ft

Hole size continued

___ inch from ___ ft to ___ ft

___ inch from ___ ft to ___ ft

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

Casing

Diameter stepdown (yes / no) . Fillers added (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6" ID	SDR 21	0	60	60

Perforated or slotted casing? (yes / ☒ no)

Perforated / slotted from ___ ft to ___ ft

Perforated / slotted from ___ ft to ___ ft

Casing grouted? (yes / no) Placement method ___

Type	Depth top	Depth bottom	Amount (vol/wt)
Bentonite	15	54	200 gallon
Cement	6	15	35 gallon

Well screen? (yes / no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
6"	0.012	60	80	20	PVC
	0.___				

Bottom capped (yes / no) with PVC cap

Seals / Packers (yes / ☒ no) kind ___ depth ___ ft

Gravel packed (yes / no) from 54 ft to 80 ft

type 12-20 amount 900 lbs

Well developed? (yes / no)

Explain ___

(pumped) (bailed) for 8 hrs at 60 GPM

Pump installed? (yes / no) Date 9/12/2020

Installer's name Weilage Well

Type of pump Submersible Depth to intake 55 ft

Pump diameter 4" Rated capacity 30 GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone

Main water-supply zone from 22 ft to 80 ft ☐ seepage well

Static water level 12 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

Pumping water level 40 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate

At yield of 75 GPM; ☐ orifice ☐ volumetric ☒ estimate for 16 hours

Measurements taken at ___ (AM / PM) Date ___/___/___

Water quality test? (yes / no) Date tested 9/22/2020

Tested by midwest labs

Contractor

Contractor Weilage Well

Address 50256 Highland Ave Council Bluffs IA

Driller Daryl Weilage Certification no. 5242

Send original form to: Iowa Department of Natural Resources – Geological Survey

Make photocopies for: Well Contractor, Customer, and County Health Department