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

WELL RECORD

57856 Permit No. _____

Site identification

5842000
Property Owner City of Grandview Well Number _____
Address Grandview IA
Tenant city well NW well
Well Depth 280 ft Date completed 7 / 2 / 02

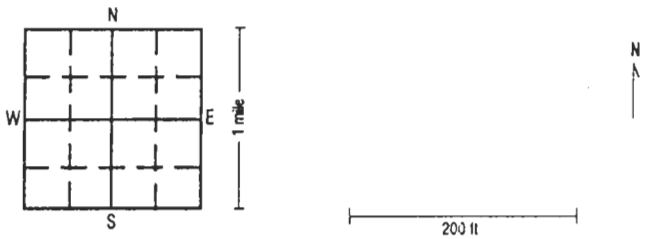
Location

County Louisa

_____ 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

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



☐ upland ☐ hillside ☐ valley Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	15	brown		clay
15	21			peat
21	43	gray		clay w/streaks of sand
43	47	gray	med	sand
47	55	gray		clay
55	89	brown		clay
89	158	gray		clay
158	174			sand
174	237	gray		clay w/streaks of sand
237	258	gray	coarse	sand
258	280		coarse	sand to gravel

use additional sheets as needed

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

Well use

☐ Domestic ☒ Municipal ☐ Commercial
☐ Livestock ☐ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

12½ inch from 0 ft to 250 ft
6¼ inch from 250 ft to 280 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

Drive shoe (yes / no) Pitless adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
7"	steel	+2	248'	250'

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no)

Placement method haliburton

Type	Depth Top	Depth bottom	Amount (vol/wt)
bentonite	0	250'	12 bags

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
6"	0.014	260'	270'	10'	stainless st
6"	0.016	270'	280'	10'	stainless steel

Bottom capped (yes / no) with stainless steel plate
Seals / Packers (yes / no) kind fig K depth 239 ft
Gravel packed (yes / no) from _____ ft to _____ ft
type _____ amount _____

Well developed? (yes / no)

Explain airline
(pumped, airlifted, bailed) for 1 hrs at 200 GPM.

Pump installed? (yes / no)

Date 7 / 11 / 02
Installer's name Latta
Type of pump submersible Depth to intake 220 ft
Pump diameter 6" Rated capacity 100+ GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone
Main water-supply zone from 258 ft to 280 ft ☐ seepage well
Static water level 149 ft (below / above) GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
Pumping water level 180 ft below GL; ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 200 GPM; ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 7 : 30 (AM / PM) Date 7 / 2 / 02

Water quality test? (yes / no)

Date tested 7 / 17 / 02
Tested by Keystone Labs, Newton IA

Contractor Latta Well & Pump
Address 1051 Taylor Ave, Wilton IA 52778
Driller K Latta Certification no. 40444

white copy – **Iowa DNR, Geological Survey Bureau** blue copy – Well Contractor pink copy – **Customer** yellow copy – **County Health Officer**

57856

LATTA WELL & PUMP CORP.

1051 TAYLOR AVENUE
WILTON, IOWA 52778
(563) 732-3721 - FAX (563) 732-3722

CITY OF GRANDVIEW WELL DRILLED 7-2-02

280'-7" steel well
10' of #14 slot stainless steel sand screen
10' of #16 slot stainless steel sand screen
static water level 150' estimated
test pumped 200gpm @ 180' estimated
set pump 210'

7" steel set to 250'
21' 5" steel riser above sand screen, 11' inside casing
5" x 7" RH x RH Fig K Packer

Well Log

0' - 15'	brown clay
15' - 21'	peat
21' - 43'	gray clay with streaks of sand
43' - 47'	medium gray sand
47' - 55'	gray clay
55' - 89'	brown clay
89' - 158'	gray clay
158' - 174'	sand
174' - 237'	gray clay with streaks of sand
237' - 258'	coarse gray sand
258' - 280'	coarse sand to gravel