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

WELL RECORD

Permit no. _____

Site identification

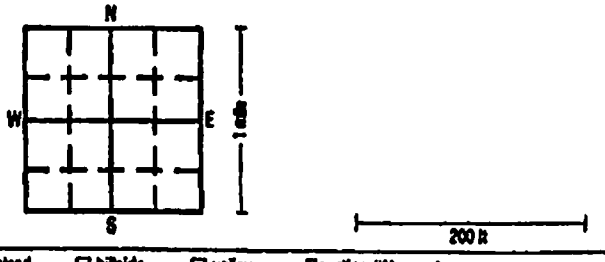
Property Owner: County Store Well Number: _____
Address: Co Rd E34, Anamosa IA 52205
Tenant: _____
Well Depth: 442 ft Date completed: 6 / 9 / 99

Location

County: Jones

____ 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	18	yel	soft	clay
18	33	gray	soft	clay
33	195	brown	soft	rock
195	442	white	soft	silurian

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 store (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

14 3/4 inch from 0 ft to 34 ft
12 1/4 inch from 34 ft to 212 ft

hole size continued
5 5/8 inch from 212 ft to 442 ft
____ inch from ____ ft to ____ ft

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

Casing

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

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6" ID	A53	+2	210'	212'
	steel			

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no)

Placement method: tremmie

Type	Depth Top	Depth bottom	Amount (vol/wt)
cement	0	212'	210 bags

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
	0.___				
	0.___				

Bottom capped (yes / no) with _____
Seals / Packers (yes / no) kind _____ depth _____ ft
Gravel packed (yes / no) from _____ ft to _____ ft
type _____ amount _____

Well developed? (yes / no)

Explain: airline
(pumped, airlifted, bailed) for 5 hrs at 300 GPM.

Pump installed? (yes / no)

Date 6 / 21 / 99
Installer's name: Latta
Type of pump: submersible Depth to intake 127 ft
Pump diameter 4" Rated capacity 27 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 195 ft to 442 ft ☐ seepage well
Static water level 50 ft (below / above) GL: ☐ tape ☒ airline ☐ E-line ☐ estimate
Pumping water level 200 ft below GL: ☐ tape ☒ airline ☐ E-line ☐ estimate
At yield of 300 GPM: ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 3 : 30 (AM / PM) Date 6 / 9 / 99

Water quality test? (yes / no)

Date tested 7 / 19 / 99
Tested by: Keystone Labs, Newton IA

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

County Health Officer

LATTA WELL & PUMP CORP.
1061 TAYLOR AVENUE
WILTON, IOWA 52778
(319) 732-3721 - FAX 319-732-3722

COUNTY STORE TO FAIRVIEW

Drilling date: June 9, 1999

Drilling Log:
442'-6" schedule 40 A53 steel well with threaded and coupled pipe with recessed couplings
Casing set 212'
Cement grout from ground level to 212'
12" surface casing set from ground level to 34'
Test pumped 300gpm @ 200'
Static water level 50'
Set pump 120'

0' - 33'	clay
33' - 195'	brown rock
195' - 442'	silurian