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

WELL RECORD 52858

Permit No. _____

Site identification

Property Owner Revelle's Well Number 2

Address Blue Grass

Tenant _____

Well Depth 582 ft Date completed 10 / 5 / 98

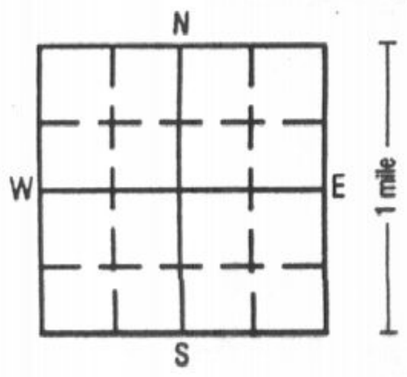
Location

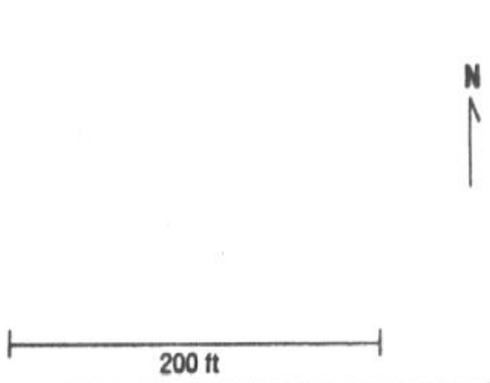
County Scott BUFFALO

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

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 6 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	25	yel	soft	clay
25	58	gray	soft	clay
58	65		soft	sand
65	66	yel	soft	clay
66	68		soft	sand
68	87	gray	soft	clay
87	102	gray	med	shale
102	141	black	med	shale
141	149	gray	hard	rock
149	267	brown	hard	rock
267	317	gray	hard	rock
317	582	white	med	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 housing devo (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

13 inch from 0 ft to 340 ft
7 7/8 inch from 340 ft to 582 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)
8"ID	steel	+2	340'	342'
	sch 40			

Perforated or slotted casing? (yes / no)

Perforated / slotted from _____ ft to _____ ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method cement shoe

Type	Depth Top	Depth bottom	Amount (vol/wt)
cement	5'	340'	263CF

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 100 GPM.

Pump installed? (yes / no) Date 12 / 15 / 98

Installer's name M Latta

Type of pump submersible Depth to intake _____ ft

Pump diameter 6" Rated capacity 100 GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone

Main water-supply zone from 340 ft to 582 ft ☐ seepage well

Static water level 262 ft (below / above) GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

Pumping water level 420 ft below GL; ☐ tape ☒ airline ☐ E-line ☐ estimate

At yield of 100 GPM; ☐ orifice ☐ volumetric ☒ estimate

Measurements taken at ____ : ____ (AM / PM) Date ____ / ____ / ____

Water quality test? (yes / no) Date tested ____ / ____ / ____

Tested by Keystone Labs

Contractor

Contractor Latta Well & Pump Corp

Address 1051 Taylor Ave, Wilton IA 52778

Driller K Latta Certification no. 40444

blue copy – **Well Contractor** pink copy – **Customer** yellow copy – **County Health Officer**

Iowa Geological Survey Bureau