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

WELL RECORD 61550

Permit No. 2005-6114

Site identification

Property Owner Bacon Addition #2 Well Number 2
Address 17846 Rainbow Dr., Monticello, IA 52310
Tenant
Well Depth 385 ft Date completed 2 / 20 / 06

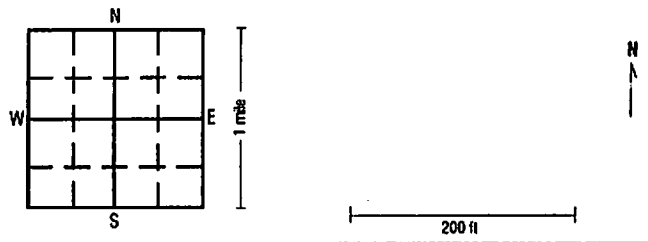
Location

County Jones

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

SE 1/4 of the SW 1/4 of the SW 1/4 of Sec 20 TWP 86 N RNG 3 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	45	Yellow		Clay
45	58	SAND		
58	72	Blue		Clay
72	203	Yellow		Limestone
203	218	Gray		Limestone
218	236	Yellow		Limestone
236	385	Gray		Limestone

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

				hole size continued			
18	inch	from 0 ft	to 135 ft	____	inch	from ____ ft	to ____ ft
7 7/8	inch	from 135 ft	to 385 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" SCH 40	Steel	+1	135	136

Perforated or slotted casing? (yes / no)

Perforated / slotted from ____ ft to ____ ft
Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no)

Placement method Tremie

Type	Depth Top	Depth bottom	Amount (vol/wt)
Cement	0	135	200 sacks

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 A.2
(pumped, airlifted, bailed) for 2 hrs at 75 GPM.

Pump installed? (yes / no)

Date ____ / ____ / ____
Installer's name ____
Type of pump ____ Depth to intake ____ ft
Pump diameter ____ Rated capacity ____ GPM

Water information

Aquifer: ☐ sand / gravel ☒ limestone ☐ sandstone
Main water-supply zone from 140-160 ft to 236-308 ☐ seepage well
Static water level 125 ft (below / above) GL: ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 200 ft below GL: ☐ tape ☐ airline ☐ E-line ☒ estimate
At yield of 75 GPM: ☐ orifice ☐ volumetric ☒ estimate
Measurements taken at 4 : 00 (AM / PM) Date 2 / 20 / 06

Water quality test? (yes / no)

Date tested ____ / ____ / ____
Tested by ____

Contractor Gingerich Well
Address 1331 Hwy 1, Kalona IA 52247
Driller Kurt Gingerich Certification no. 2639

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