...ment of Natural Resources Geological Survey Bureau
...owbridge Hall Iowa City, Ia. 52242-1319 PH (319) 335-1575

WELL RECORD 44960 Permit No. 1154

Site Identification

Property Owner: Chain Ridge Est Well Number: _____

Address: Pine Brook Ave

Tenant: _____

Well Depth _____ ft Date Completed 5 / 20 / 97

Location

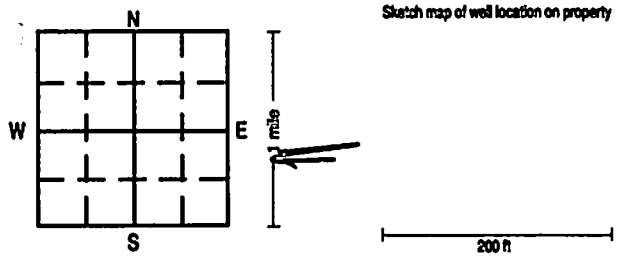
County: Johnson

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

3'8 Glow

NW 1/4 of the SE 1/4 of the NW 1/4 of Sec 27 TWP 81 RNG 6 E/W

Show exact location of well in section grid with a dot (●).



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

Formation log

From	To	Color	Hardness	Formation description
0	34	Yellow		Clay
34	103	Blue		Clay
103	108			SAND
108	156	Blue		Clay
156	245			Devonian
245	435			Silurian

use additional sheets as needed

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

Well use

☒ Domestic ☐ Municipal ☐ Industrial
☐ Livestock ☐ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other _____

Hole size

11 inch from 0 ft to 282 ft
6 inch from 282 ft to 435 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 adaptor (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6" Steel	19# / ft	41	282	283

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no)

Type	Depth Top	Depth Bottom	Amount
Cement	0	282	140 cu/ft

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material

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: Air

Pump installed? (yes / no)

Date 5 / 10 / 97

Installer's name: Same

Type of pump: Sub Depth to intake _____ ft

Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☐ sand/gravel ☒ limestone ☐ sandstone

Main water-supply zone from 282 ft to 435 ft

Final water level (static water level) 110 ft (below / above) GL.

Pumping water level 160 ft below GL; ☐ tape ☐ airline ☐ E-line ☒

At yield of 60 GPM; ☐ orifice ☐ volumetric ☒ estimate Date _____

Water quality test? (yes / no)

Date tested ____ / ____ / ____

Tested by _____

Test results _____

Contractor: Gingerich Well & Pump

Address: 1321 Locust Ave, Kalona

Driller: Kurt Gingerich Certification no. 40046

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