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

WELL RECORD 47449 Permit No. _____

Site identification

Property Owner: Bill Gaddis Well Number: 2
Address: Royal Oaks
Tenant: _____
Well Depth: 555 ft Date Completed: 5 / 7 / 96

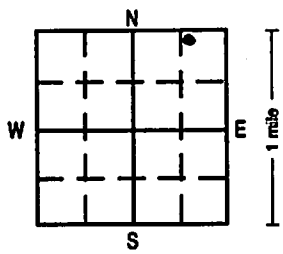
Location

County: Johnson

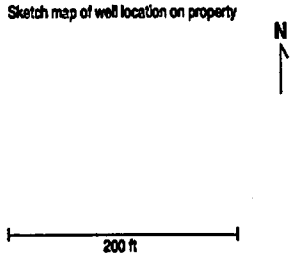
___ mi. N/S and ___ mi. E/W of intersection of _____ and _____

NW 1/4 of the NE 1/4 of the NE 1/4 of Sec 21 TWP 81 RNG 7 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	65	Yellow		Clay
65	160	Blue		Clay
160	331	Devonian		Limestones
331	544	Silurian		
544	555	Maquoketa		Shale

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 370 ft
6 inch from 370 ft to 555 ft
___ 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)
6" .280 wall	Steel	+1	370	371

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	370	125 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 ___ / ___ / ___
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 400 ft to 544 ft
Final water level (static water level) 185 ft (below / above) GL.
Pumping water level 290 ft below GL; ☐ tape ☐ airline ☐ E-line EST
At yield of 100 GPM; ☐ orifice ☐ volumetric ☒ estimate Date 5/7/96

Water quality test? (yes / no)

Date tested ___ / ___ / ___
Tested by _____
Test results _____

Contractor: Gingerich Well Drilling
Address: 1321 Locust Ave, Kalona, IA
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