65072

WELL RECORD

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

PWTS Well No. _____

PWTS Permit No. _____

County Permit No. _____

Site identification

Property Owner Northwood Golf Other ID _____

Address 1391 490th St. Northwood IA 50459

Tenant _____

Well Depth 82 ft Date completed 5 / 20 / 08

Location

County Worth

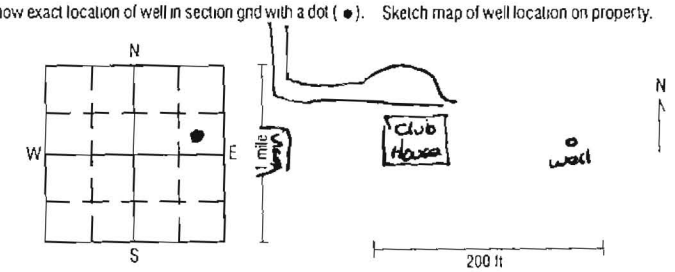
_____ mi. N/S and _____ mi. E/W of intersection of _____ and _____

SW 1/4 of the SE 1/4 of the NE 1/4 of Sec 19 TWP 100 RNG 20 E/W

GPS Coordinates (NAD83 datum only) decimal degrees.

_____ . _____ N Latitude _____ . _____ W. Longitude

Show exact location of well in section and with a dot (•). Sketch map of well location on property.



☐ upland ☐ hillside ☐ valley ☑ level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	2	black		Top Soil
2	17	Yellow		Clay
17	61	Grey		Shale
61	70	brown		Shale
70	77	White	med	limestone
77	81	Tan	Hard	limestone
81	82			Crevice

use additional sheets as needed

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

Lost Cir 82'

Well use

☐ Domestic ☐ Livestock ☐ Test well
☐ Heat pump ☐ Municipal ☑ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other _____

Drill method

☑ rotary ☐ auger ☐ cable other _____

Hole size

10 inch from 0 ft to 78 ft
5 7/8 inch from 78 ft to 82 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)
6"	Pvc 200lb	+2	78	80

Perforated or slotted casing? (yes / no)

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

Casing grouted? (yes / no) Placement method Pumped

Type	Depth top	Depth bottom	Amount (vol/wt)
ben seal	0	78	180 gal.

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 Airlifted until clear
(pumped, airlifted, bailed) for 1 hrs at 40 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 81 ft to 82 ft ☐ seepage well
Static water level 30 ft (below / above) GL; ☐ tape ☑ airline ☐ E-line ☐ estimate
Pumping water level 40 ft below GL; ☐ tape ☑ airline ☐ E-line ☐ estimate
At yield of 40 GPM; ☐ orifice ☐ volumetric ☑ estimate for 1 hours
Measurements taken at 1 30 (AM / PM) Date 5 / 19 / 08

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

Tested by _____

Contractor Bill Beemer Well Co. Inc
Address 2365 Vasse Ave Duncombe IA
Driller Matt Estlund Certification no. 2379

Send original form to: Iowa Department of Natural Resources – Geological Survey

Make photocopies for: Well Contractor, Customer, and County Health Department