WELL RECORD 63984

PWTS Permit N

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

PWTS Well No.:

County Permit No 2007-492W

Site identification

Property Owner: IOWA CITY REGENCY Well 07-04 Other ID:

Address 505-509 ELK HORN TRAIL, IOWA CITY IA 52240

Tenant

Well Depth: 451 ft Date Completed: 8/7/2007

Location

County JOHNSON COUNTY HEALTH DEPT.

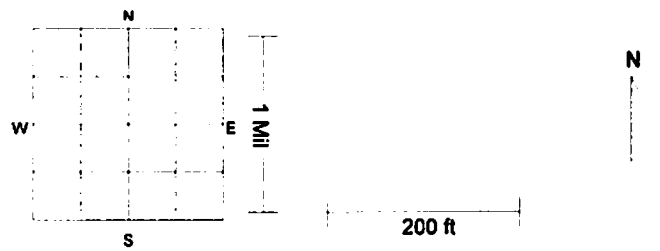
____mi. N/S and ____mi. E/W of intersection of _____ and _____

X 1/4 of the SE 1/4 of the NE 1/4 of Sec 33 TW 79N RN 6W E/W

GPS Coordinatods (NAD83 datum only) decimal degrees:

41.609120 N. Latitude 91.545575 W. Longitude.

Show exat location of well in section grid 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	15	YELLOW		CLAY
15	30	YELLOW		SAND
30	56	BLUE		CLAY W/SAND
56	159	BLUE		CLAY
159	168	GREY		LIMESTONE
168	172	BLACK		SHALE
172	268	GREY		LIMESTONE
268	280	BROWN		LIMESTONE
280	310	GREY		LIMESTONE
310	450	GREY		DOLOMITE
450	451	GREY		SHALE

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

Well use
☐ Domestic ☐ Livestock ☐ Test Well
☐ Heat Pump ☐ Municipal ☑ Public Supply ☐ Irrigation
☐ Commerical ☐ Monitoring ☐ Other

Drill method ☑ rotary ☐ auger ☐ cable other

Hole size

17.5	inch	from	0 ft	to	184 ft	inch	from	ft	to ft
8	inch	from	184 ft	to	451 ft	inch	from	ft	to ft

Casing Drive shoe (yes/no) Pitless adaptor (yes/no)

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
8	STEELSCH40	1	184	185

Perforated or slotted casing? ☐ Perforated casing ☐ Slotted casing

☐ Perforated ☐ Slotted from ft to ft
☐ Perforated ☐ Slotted from ft to ft

Casing grouted? ☑ Grouted Placement method: HALLIBURTON

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	184	230 SACKS

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material

Bottom Capped ☐ with
Seals/Packers ☐ kind depth ft
Gravel packed ☐ from to ft
type amount

Well developed? ☑ Well Developed

Explain
☐ pumped ☑ airlifted ☐ bailed for 2 hrs at 150 GPM

Pump installed? ☐ Pump Installed Date

Installer's Name
Type of Pump Depth to Intake ft
Pump diameter Rated Capacity GPM GPM

Water information ☐ Sand/gravel ☑ Limestone ☐ Sandstone

Main water-supply zone from 310 from to 450 ft ☐ seepage well
Static water level 40 ft (below/above) GL ☐ tap ☑ airline ☐ E-line ☑ estimate
Pump water level 144 ft (below GL ☐ tape ☑ airline ☐ E-line ☑ estimate
At yield of 215 GPM: ☐ Orifice ☐ Volumetric ☑ Estimate for 16 hours
Measurement taken at 12:00:00 AM Date 8/13/2007

Water quality test? ☐ Water quality tested Date
Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC
Adress 1331 HWY 1, KALONA, IA 52246
Driller KLINT GINGERICH Certification no. 2639

Send original form to Iowa Department of Natural Resouces-Geological Survey

Make photocopies for Well Contractor, and County Health Department