

# WELL RECORD

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.:

**75531**

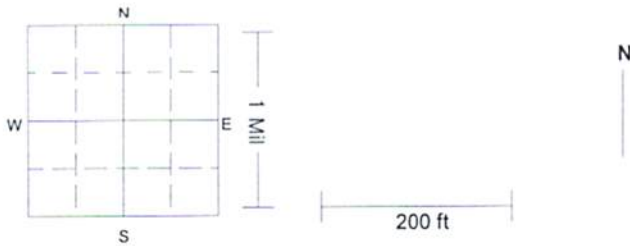
County Permit No \_\_\_\_\_

**Site identification**Property Owner: WOODLAND RIDGE Other ID: \_\_\_\_\_Address WOODLAND RIDGE DR, IOWA CITY, IA 52246

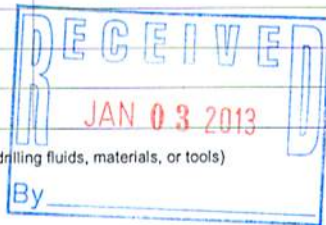
Tenant \_\_\_\_\_

Well Depth: 475 ft Date Completed: 10/19/2012**Location** County JOHNSON COUNTY HEALTH DEPT.\_\_\_\_ mi. <sup>N</sup>/<sub>S</sub> and \_\_\_\_ mi. <sup>E</sup>/<sub>W</sub> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
1/4 of the 1/4 of the 1/4 of Sec 3 TW 80 RN 5w <sup>E</sup>/<sub>W</sub>GPS Coordinates (NAD83 datum only) decimal degrees:  
41.714722 N. Latitude -91.541111 W. Longitude.

Show exact 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	42	YELLOW		CLAY
42	78	BLUE		CLAY
78	180	GRAY		LIMESTONE
180	190	LT BRN		DEVONIAN LIMESTONE
190	210	GRAY		LIMESTONE W/SHALE
210	220	BROWN		DOLOMITE
220	225	WHITE		DOLOMITE
225	235	BROWN		DOLOMITE
235	310	GRAY		DOLOMITE
310	462	GRY/WHT		DOLOMITE
462	475	GREEN		SHALE


**Remarks** (including depth of lost drilling fluids, materials, or tools)  
PUBLIC SUPPLY WELL
**Well use**
 Domestic
  Heat Pump
  Livestock
  Municipal
  Public Supply
  Test Well
  Irrigation
  Commercial
  Monitoring
  Other \_\_\_\_\_
**Drill method**  rotary  auger  cable other \_\_\_\_\_
**Hole size**  
 14 inch from 0 ft t 82 ft 8 inch from 252 ft t 475 ft  
 12 inch from 82 ft t 252 ft inch from ft t ft

**Casing**  Drive shoe  Pitless adaptor
 

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
8" SCH40	STEEL	+1	252	253

**Perforated or slotted casing?**  
 Perforated  Slotted from ft t ft  
 Perforated  Slotted from ft t ft

**Casing grouted?**  Grouted Placement method: HALLIBURTON

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	252	150 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 AIR  
 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 1 from 252 ft to 467 ft  seepage well  
 Main water-supply zone 2 from ft to ft  
 Static water level 148 ft (below/above) G  tap  airline  E-line  estimate  
 Pump water level 180 ft (below GL)  tape  airline  E-line  estimate  
 At yield of 160 GPM;  Orifice  Volumetric  Estimate for hours  
 Measurement taken at Date

**Water quality test?**  Date  
 Tested by

 Contractor name GINGERICH WELL PUMP SERVICE, LLC  
 Address 1331 HWY 1, KALONA, IA 52246  
 Driller Klint Gingerich Certification no. 2639