

# 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.: \_\_\_\_\_

76183

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

### Site identification

Property Owner: DIXON WATER SYSTEM IMPORVEME Other ID: \_\_\_\_\_

Address HIGH STREET, DIXON, IA 52745

Tenant \_\_\_\_\_

Well Depth: 347 ft Date Completed: 7/15/2013

### Location

County SCOTT COUNTY HEALTH DEPT

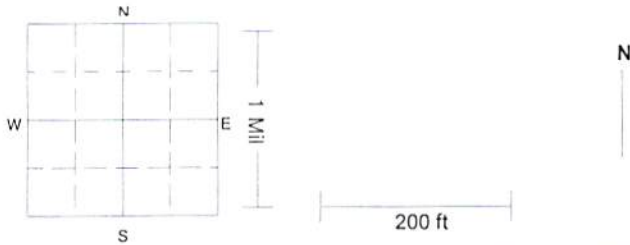
\_\_\_\_\_ mi. <sup>N</sup>/<sub>S</sub> and \_\_\_\_\_ mi. <sup>E</sup>/<sub>W</sub> of intersection of \_\_\_\_\_ and \_\_\_\_\_

NW 1/4 of the NW 1/4 of the NW 1/4 of Sec 18 TW 80 RN 2E <sup>E</sup>/<sub>W</sub>

GPS Coordinateds (NAD83 datum only) decimal degrees:

41.740737 N. Latitude -90.780794 W. Longitude.

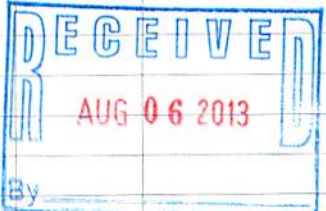
Show exact location of well in section grid with a dot (+). sketch map of well location on property.



upland  hillside  valley  level surface Elevation (if known) \_\_\_\_\_

### Formation log

From	To	Color	Hardness	Formation description
0	41	YELLOW		CLAY
41	83	YELLOW		LIMESTONE
83				FRACTURE
83	182	YELLOW		LIMESTONE
182	183	WHITE		SHALE
183	315	YELLOW		DOLOMITE
315	342	GREY		LIMESTONE
342	347	GREY		SHALE



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

**PUBLIC SUPPLY**

### Well use

- |                                    |   |                                      |
|------------------------------------|---|--------------------------------------|
| <input type="checkbox"/> Domestic  | <input type="checkbox"/> Heat Pump                | <input type="checkbox"/> Commercial  |
| <input type="checkbox"/> Livestock | <input type="checkbox"/> Municipal                | <input type="checkbox"/> Monitoring  |
| <input type="checkbox"/> Test Well | <input checked="" type="checkbox"/> Public Supply | <input type="checkbox"/> Other _____ |
|                                    | <input type="checkbox"/> Irrigation               |                                      |

Drill method  rotary  auger  cable other \_\_\_\_\_

### Hole size

15 inch from 0 ft to 42 ft 8 inch from 205 ft to 347 ft  
12 inch from 42 ft to 205 ft \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

### Casing

Drive shoe  Pitless adaptor

Size (ID/OD)	Type/Wt	Depth top	Depth bottom	Amount (length)
8 SCH40	STEEL	+1	205	206

### Perforated or 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	205	80 BAGS

### Well Screen?

Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped  with \_\_\_\_\_

Seals/Packers  kind \_\_\_\_\_ depth \_\_\_\_\_ ft

Gravel packed  from \_\_\_\_\_ to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

### Well developed?

Well Developed

Explain WITH AIR

pumped  airlifted  bailed for 1 hrs at 30 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 205 ft to 340 ft  seepage well

Main water-supply zone 2 from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Static water level 42 ft (below/above) G  tap  airline  E-line  estimate

Pump water level 175 ft (below GL)  tape  airline  E-line  estimate

At yield of 75 GPM;  Orifice  Volumetric  Estimate for 12 hours

Measurement taken at 9:00:00 AM Date 7/22/2013

### Water quality test?

Date 7/22/2013

Tested by IOWA AMERICAN

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Address 1031 HWY 1, KALONA, IA 52246

Driller Klint Gingerich

Certification no. 2639