

# WELL RECORD

# 72978

PWTS Permit N 2010342

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 \_\_\_\_\_

**Site identification**

Property Owner: POTSIE'S BAR & GRILL Other ID: \_\_\_\_\_

Address 103 W MAIN ST, SPRAGUEVILLE, IA

Tenant \_\_\_\_\_

Well Depth: 140 ft Date Completed: 8/23/2010

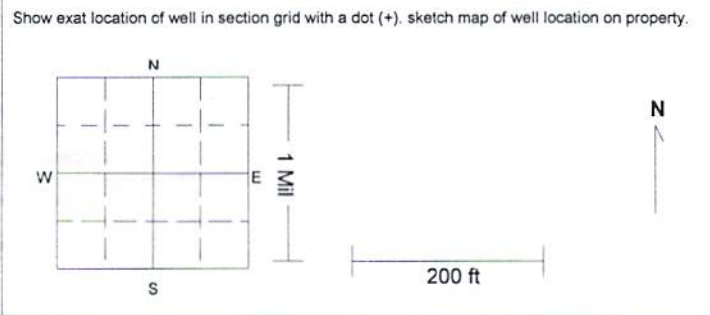
**Location** County JACKSON COUNTY BOARD OF HEALT

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

SE 1/4 of the SE 1/4 of the NE 1/4 of Sec 24 TW 84N RN 4E E W

GPS Coordinateds (NAD83 datum only) decimal degrees:

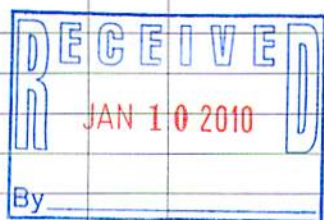
\_\_\_\_ N. Latitude \_\_\_\_\_ W. Longitude.



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

**Formation log**

From	To	Color	Hardness	Formation description
0	18	YELLOW	SOFT	CLAY
18	36	YELLOW	SOFT	SAND
36	68	BLUE	SOFT	CLAY
68	124	YELLOW	FIRM	LIMESTONE
124	131	GRAY	HARD	LIMESTONE
131	133	YELLOW	FIRM	LIMESTONE
133	140	GREEN	SOFT	SHALE



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

**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**

11 inch from 0 ft t 83 ft	inch from ft t ft
6 inch from 83 ft t 140 ft	inch from ft t ft

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

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6	STEEL40	1	83	84
4.5	PVC40	80	140	60

**Perforated or slotted casing?**  Perforated casing  Slotted casing

Perforated  Slotted from 80 ft t 140 ft

Perforated  Slotted from ft t ft

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

Type	Depth top	Depth bottom	Amount (vol/wt)
TYPE I CEMEN	0	83	24 BAGS

**Well Screen?**  Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material

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

Seals/Packers  kind RUBBER depth 83 ft

Gravel packed  from \_\_\_\_\_ to \_\_\_\_\_ ft

type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?**  Well Developed

Explain

pumped  airlifted  bailed for 2 hrs at 40 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 103 ft to 133 ft  seepage well

Static water level 26 ft (below/above) G  tape  airline  E-line  estimate

Pump water level 60 ft (below GL)  tape  airline  E-line  estimate

At yield of 20 GPM;  Orifice  Volumetric  Estimate for 2 hours

Measurement taken at 2:00:00 PM Date 8/23/2010

**Water quality test?**  Date \_\_\_\_\_

Tested by \_\_\_\_\_

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Address 1331 HWY 1, KALONA, IA 52247

Driller JOE ALLEN Certification no. 1035