

WELL RECORD

74304

PWTS Permit N 5221101

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 2012-0053W

Site Identification

Property Owner: STUTSMAN INC Other ID: _____

Address 101 E ST. HILLS, IA 52327

Tenant _____

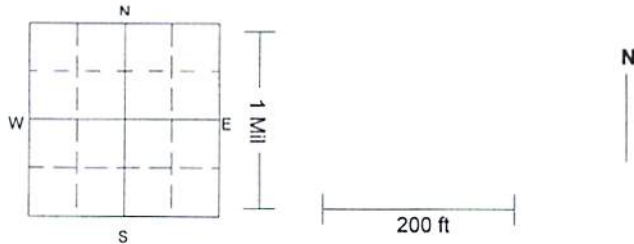
Well Depth: 189 ft Date Completed: 1/13/2012

Location

County JOHNSON COUNTY HEALTH DEPT.
____ mi. ^N/_S and ____ mi. ^E/_W of intersection of _____ and _____
1/4 of the NW 1/4 of the NW 1/4 of Sec 22 TW 78 RN 6W ^E/_W

GPS Coordinats (NAD83 datum only) decimal degrees:
41.55147 N. Latitude -91.53903 W. Longitude.

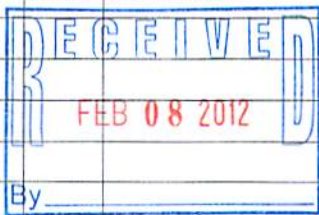
Show exact location of well in section grid with a dot (+), sketch map of well location on property.



upland hillside valley level surface Elevation (if known) _____

Formation log

From	To	Color	Hardness	Formation description
0	16	SANDY		CLAY
16	38	YELLOW		CLAY
38	68		MEDIU M	SAND
68	78	BLUE		CLAY
78	112	BLUE		CLAY W/SAND STREAKS
112	158		FINE	SAND
158	189		MEDIU	SAND
189	197		MEDIU	SAND
197	210		COURS	SAND/COBBLE



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

Well use

Domestic Heat Pump Commercial
 Livestock Municipal Monitoring
 Test Well Public Supply Other
 Irrigation

Drill method rotary auger cable other _____

Hole size	
<u>18</u> inch from <u>0</u> ft t <u>42</u> ft	inch from ft t ft
<u>15</u> inch from <u>42</u> ft t <u>189</u> ft	inch from ft t ft

Size (ID/OD)	Type/ Wt	Casing		Amount (length)
		Depth top	Depth bottom	
8".322	STEEL	1	169	170

Perforated or slotted casing? Perforated casing Slotted casing

Perforated Slotted from ft t ft
 Perforated Slotted from ft t ft

Casing grouted? Grouted Placement method: TRIMMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	140	120 SACKS

Well Screen? Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material
8	0.04	169	189	20	STAINLE SS STEE

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 200 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 169 ft to 189 ft seepage well

Static water level 28 ft (below/above) GL tap airline E-line estimate

Pump water level 40 ft (below GL) tape airline E-line estimate

At yield of 110 GPM; Orifice Volumetric Estimate for 24 hours

Measurement taken at 2:20:00 PM Date 1/18/2012

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