

WELL RECORD

63916

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 2006-108W

Site identification

Property Owner WILLOW STREAM ESTATES

Other ID

Address 22924 243RD ST ELDRIDGE

IA 52748

Tenant

Well Depth: 310 ftDate Completed: 7/3/2007

Location

County SCOTT COUNTY HEALTH DEPT

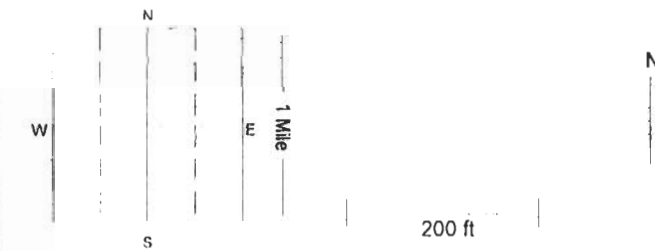
mi. ^N/_S and mi. ^E/_W of intersection of _____ and _____
1/4 of the SW 1/4 of the SW 1/4 of Sec 11 TW 79N RN 4E ^E/_W

GPS Coordinates (NAD83 datum only) decimal degrees:

N. Latitude

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	31	YELLOW		CLAY
31	108	BLUE		CLAY
108	123			SHALE
123	171	BLACK		LIMESTONE
171	184	WHITE		DOLOMITE
184	232	TAN	MED	LIMESTONE
232	241	GREY	MED	LIMESTONE
241	266	TAN	MED	LIMESTONE
266	270	BROWN	MED	LIMESTONE
270	308	TAN	SOFT	LIMESTONE
308	310	TAN	SOFT	SHALE

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

11 inch from 0 ft to 184 ft inch from ft t ft
6 inch from 184 ft to 310 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 STEELSCH40 2 184 186

Perforated or slotted casing?

☐ Perforated casing☐ Slotted casing

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

Casing grouted?

☒ GroutedPlacement method: HALLIBURTON

Type Depth top Depth bottom Amount (vol/wt)
BENSEAL 0 184 19 BAGS

Well Screen?

☐ Screen

Diameter Slot size Depth top Depth bottom Length Material

Bottom Capped ☐ withSeals/Packers ☐ kind

depth

ft

Gravel packed ☐ from

to

ft

type

amount

Well developed?

☒ Well Developed

Explain

☐ pumped ☒ airlifted☐ bailed for

2 hrs at 120

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☐ SandstoneMain water-supply zone from 270 from to 310 ft ☐ seepage well

Static water level 43 ft (below/above) GL

☐ tap☐ airline☐ E-line☒ estimate

Pump water level 59 ft (below GL)

☐ tape☐ airline☐ E-line☒ estimate

At yield of 65 GPM;

☐ Orifice☐ Volumetric☒ Estimate for

hours

Measurement taken at 4:30:00 PM

Date

7/3/2007

Water quality test?

☐ Water quality tested

Date

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLCAddress 1331 HWY 1, KALONA, IA 52246Driller KLINT GINGERICHCertification no. 2639