

## WELL RECORD

64887 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 2008-0188W PUBLIC

## Site Identification

Property Owner: CITY OF MT VERNON - WELL #9 N - EAC P Other ID: PWSI

Address 7TH ST NE, MOUNT VERNON IA 52314

Tenant

Well Depth: 365 ft Date Completed: 6/17/2008

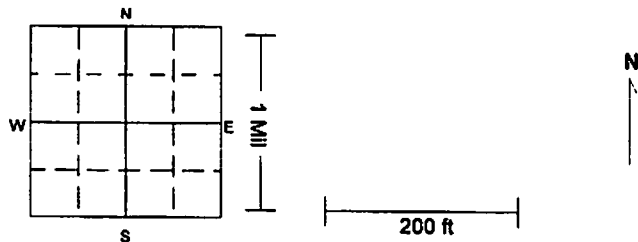
Location County LINN COUNTY

mi. N and mi. E of intersection of and  
1/4 of the 1/4 of the NE 1/4 of Sec 10 TW 82N RN 5W E

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
1	13	YELLOW		CLAY
13	79	YELLOW		LIMESTONE
79	89	LT TAN		LIMESTONE
89	135	WHITE		LIMESTONE
135	161	WHITE		LIMESTONE W/SHALE
161	205	LT TAN		LIMESTONE
205	340	WHITE		LIMESTONE
340	355	GREY		LIMESTONE
355	361	DRK		LIMESTONE
361	365	GREEN		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

17.5 inch	from	0 ft	t	180 ft	inch	from	ft	t	ft
11.9 inch	from	180 ft	t	365 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)
12	STEEL .375	1	180	181

## 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: HALLIBURTON

Type	Depth top	Depth bottom	Amount (vol/wt)
CEMENT	0	180	180 SACKS

## 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

☐ pumped ☒ airlifted ☐ bailed for 3 hrs at 300 GPM

## Pump installed?

☐ Pump Installed

Date

Installer's Name

Type of Pump

Depth to Intake

Pump diameter

Rated Capacity GPM

ft GPM

## Water information

☐ Sand/gravel ☒ Limestone ☐ SandstoneMain water-supply zone from 250 ft to 300 ft ☐ seepage wellStatic water level ft (below/above) GL ☐ tap ☐ airline ☐ E-line ☐ estimatePump water level ft (below GL) ☐ tape ☐ airline ☐ E-line ☐ estimateAt yield of 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 52248

Driller KLINT GINGERICH

Certification no. 2639