

Iowa Department of Natural Resources - Geological Survey  
 109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

**WELL RECORD**

**8 3 2 4 8**

PWTS Permit No. \_\_\_\_\_

PWTS Well No. \_\_\_\_\_

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

**Site identification**

Property Owner Aleksman Inn Other ID # 2  
 Address 3086 220<sup>th</sup> St.  
 Tenant Williams la. 50271  
 Well Depth 325 ft Date completed 6 / 8 / 15

**Drill method**

rotary  auger  cable  other

**Hole size**

1 1/2 inch from 0 ft to 195 ft  
5 15/16 inch from 195 ft to 325 ft

hole size continued

\_\_\_\_ inch from \_\_\_\_ ft to \_\_\_\_ ft  
 \_\_\_\_ inch from \_\_\_\_ ft to \_\_\_\_ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

**Casing**

Drive shoe  (yes)  (no) P/Wess adaptor  (yes)  (no)

Size (OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	blk st. 0.280	12	195	197'

**Location**

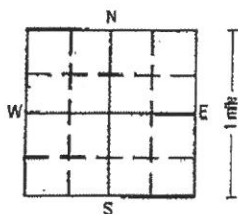
County Hamilton

\_\_\_\_ mi. N and \_\_\_\_ mi. E of intersection of \_\_\_\_ and \_\_\_\_  
 \_\_\_\_ 1/4 of the \_\_\_\_ 1/4 of the \_\_\_\_ 1/4 of Sec \_\_\_\_ TWP \_\_\_\_ RANG \_\_\_\_ 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.



**Perforated or slotted casing?** (yes  no 

Perforated / slotted from \_\_\_\_ ft to \_\_\_\_ ft  
 Perforated / slotted from \_\_\_\_ ft to \_\_\_\_ ft

**Casing grouted?** (yes  no 

Placement method pumped

Type	Depth top	Depth bottom	Amount (vol/wt)
Neat Cement	0	195	2 yds

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

**Formation log**

From	To	Color	Hardness	Formation description
0	3	black		Top soil
3	21	yellow		clay
21	86	grey		shale
86	145	blue		shale
145	160	black		shale
160	181	white	Hard	limestone
181	190	blue	soft	shale
190	240	white	Hard	limestone
240	280	Tan	med	limestone / sandstone
280	325	brown	med	sandstone

**Well screen?** (yes  no 

Diameter	Slot size	Depth top	Depth bottom	Length	Material
	0.____				
	0.____				

Bottom capped (yes  no 

Seals / Packers (yes  no  no 

**Well developed?** (yes  no 

Explain Air-lifted  
 (pumped,  air-lifted, bailed) for 3 hrs at 30 GPM

**Pump installed?** (yes  no 

Installer's name \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information**

Aquifer:  sand / gravel  limestone  sandstone

Main water-supply zone from 285 ft to 325 ft  seepage well  
 Static water level \_\_\_\_\_ ft (below / above) GL:  tape  airline  E-line  estimate  
 Pumping water level 180 ft below GL:  tape  airline  E-line  estimate  
 At yield of 30 GPM;  orifice  volumetric  estimate for 3 hours  
 Measurements taken at 2:00 (AM/PM) Date 6 / 8 / 15

**Water quality test?** (yes  no 

Tested by \_\_\_\_\_ Date tested \_\_\_\_/\_\_\_\_/\_\_\_\_

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

**Well use**

- Domestic
- Livestock
- Test well
- Heat pump
- Municipal
- Public supply
- Irrigation
- Commercial
- Monitoring
- Other

Contractor Bill Beemer Well Co. Inc  
 Address 2365 Vase Ave Duncombe IA  
 Driller Matt Estlund Certification no. 2379