

WELL RECORD

61213

PWTS Permit No. _____

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

PWTS Well No. _____

County Permit No. 2006-052W

Site identification

Property Owner Muscatine School Bus Barn Other ID _____

Address 2900 Mulberry Avenue, Muscatine

Tenant _____

Well Depth 295 ft Date completed 10 / 25 / 05

Location County Muscatine

_____ mi. N and _____ mi. E of intersection of _____ and _____
City Limits
 _____ 1/4 of the _____ 1/4 of the _____ 1/4 of the _____ Sec. _____ TWP 77N RNG 2 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	75	Brown	Soft	Sand
75	152	Gray	Hard	Rock
152	164	Tan	Hard	Rock
164	205	Lt Gy	Hard	Rock
205	214	Dk Gy	Hard	Rock
214	217	Gray	Soft	Shale
217	295	Lt Gy	Hard	Rock

use additional sheets as needed

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

Well use

Domestic Heat pump Commercial

Livestock Municipal Monitoring

Test well Irrigation Other _____

Drill method rotary auger cable other _____

Hole size

11 inch from 0 ft to 200 ft hole size continued _____ inch from _____ ft to _____ ft

6 inch from 200 ft to 295 ft _____ inch from _____ ft to _____ ft

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

Casing Drive shoe yes / no Pitless adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	PVC SDR21	+1	200	201
4 1/2"	PVC SCH40	195	295	100

Perforated or slotted casing? (yes / no)

Perforated / slotted from 195 ft to 295 ft

Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes / no) Placement method Halliburton

Type	Depth top	Depth bottom	Amount (vol/wt)
Benseal	0	200	20 Bags

Well screen? (yes / no)

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

Bottom capped (yes / no) with _____

Seals Packers (yes / no) kind rubber depth 199 ft

Gravel packed (yes / no) from _____ ft to _____ ft

type _____ amount _____

Well developed? (yes / no)

Explain air

(pumped, airlifted, bailed) for 2 hrs at 80 GPM

Pump installed? (yes / no) Date _____ / _____ / _____

Installer's name _____

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ Rated capacity _____ GPM

Water information Aquifer: sand / gravel limestone sandstone

Main water-supply zone from 235 ft to 295 ft seepage well

Static water level 49 ft (below / above) GL; tape airline E-line estimate

Pumping water level 120 ft below GL; tape airline E-line estimate

At yield of 80 GPM; orifice volumetric estimate for _____ hours

Measurements taken at 1 : 00 (AM / PM) Date 10 / 25 / 05

Water quality test? (yes / no) Date tested _____ / _____ / _____

Tested by _____

Contractor Gingerich Well & Pump Service, LLC

Address 1331 Hwy 1 Kalona, IA 52247

Driller Matt Haman Certification no. 6926