PWSID # 9233520

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

WELL RECORD 62914

Permit No. 2006-318W

Site identification

Property Owner Iowa Mennonite School Well Number ____

Address 1421 540th St SW, Kalona IA 52247

Tenant ____

Well Depth 151 ft Date completed 05 / 01 / 06

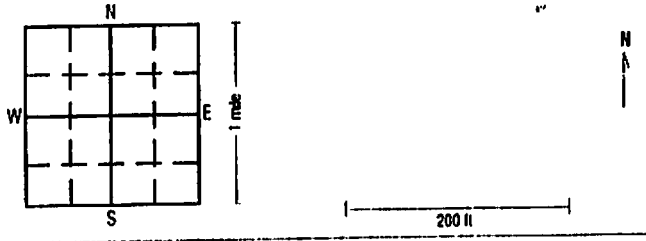
Location

County Johnson

____ mi. N/S and ____ mi. E/W of intersection of ____ and ____

NW 1/4 of the NW 1/4 of the NW 1/4 of Sec 28 TWP 78 RNG 8 E/W

Show exact location of well in section grid with a dot (●). Sketch map of well location on property.



☒ upland ☐ hillside ☐ valley Elevation (if known) ____

Formation log

From	To	Color	Hardness	Formation description
0	55	Brown	soft	clay
55	77	gray	firm	"
77	79	"		sand
79	127	"		clay
127	151	"	↓	sand

use additional sheets as needed

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

Well use

☐ Domestic ☐ Municipal ☐ Commercial
☐ Livestock ☒ Public supply ☐ Monitoring
☐ Test well ☐ Irrigation ☐ Other ____ (explain)

Drill method

☒ rotary ☐ auger ☐ cable other ____

Hole size

11 inch from 0 ft to 151 ft

____ inch from ____ ft to ____ 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) Pitless adapter (yes / no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6.9	PVC SDR 17	+1	141	142

Perforated or slotted casing? (yes / no)

Perforated / slotted from ____ ft to ____ ft

Perforated / slotted from ____ ft to ____ ft

Casing grouted? (yes / no) Placement method Trimmy

Type	Depth Top	Depth bottom	Amount (vol/wt)
Bentonite	0	140	16 Bags

Well screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Length	Material
6	0.030	141	151	10	SS
	0.___				

Bottom capped (yes / no) with SS

Seals / Packers (yes / no) kind ____ depth ____ ft

Gravel packed (yes / no) from 135 ft to 151 ft

type Red #2 amount 1200 lbs

Well developed? (yes / no)

Explain With Air

(pumped, airlifted, bailed) for 1 hrs at 65 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 141 ft to 151 ft ☐ seepage well

Static water level 106 ft (below / above) GL: ☐ tape ☐ airline ☐ E-line ☒ estimate

Pumping water level 108 ft below GL: ☐ tape ☐ airline ☐ E-line ☒ estimate

At yield of 65 GPM: ☐ orifice ☐ volumetric ☒ estimate

Measurements taken at ____ : ____ (AM / PM) Date ___ / ___ / ___

Water quality test? (yes / no) Date tested 1 / 17 / 07

Tested by ____

Contractor Gingerich Well & Pump Service

Address 1381 Hwy 1, Kalona IA, 52325

Driller Conv. - Gingerich Certification no. 2638

white copy – Iowa DNR, Geological Survey Bureau blue copy – Well Contractor pink copy – Customer yellow copy – County Health Officer